




## Volume IX

### Pre Building Condition Survey Report

Name and Address of Structure :	Badi Chopar to Ramp Area (UP Line)
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Name of the Project	<b>Contract JMRC-UG1B</b> “Design and Construction of Tunnel between Chandpole and Badi Chouper and reverse line by Shield TBM, Underground Metro Stations at Choti Chouper and Badi Chouper by Cut and Cover Methods on East West Corridor of Jaipur Metro Rail Corporation Limited .”	
Owner :	 JAIPUR METRO	Jaipur Metro Rail Corporation
Contractor :		Continental Engineering Corporation
Survey Agency :	 <b>Aimil Ltd.</b> Instrumentation & Technologies	

Pre Building Condition Survey Report Badi Chopar to Ramp Area (UP Line)

<b>Sl. No.</b>	<b>Building No.</b>
1	BC RA UP 0001
2	BC RA UP 0002
3	BC RA UP 0004
4	BC RA UP 0005
5	BC RA UP 0006
6	BC RA UP 0007
7	BC RA UP 0008
8	BC RA UP 0009
9	BC RA UP 0010
10	BC RA UP 0011
11	BC RA UP 0012
12	BC RA UP 0013
13	BC RA UP 0014
14	BC RA UP 0015
15	BC RA UP 0016
16	BC RA UP 0017
17	BC RA UP 0018
18	BC RA UP 0019
19	BC RA UP 0020
20	BC RA UP 0021
21	BC RA UP 0022
22	BC RA UP 0023
23	BC RA UP 0024
24	BC RA UP 0025
25	BC RA UP 0026
26	BC RA UP 0027
27	BC RA UP 0028
28	BC RA UP 0029
29	BC RA UP 0030
30	BC RA UP 0031
31	BC RA UP 0032
32	BC RA UP 0033



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Above Shop No. 360-381  
Ramganj Bazaar  
Jaipur  
Unique ID: BC RA UP 0001

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0001/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	25/11/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 2 floors. The structure was constructed in year 1913 and is 100 years old.

There are 84 defects in the structure out of which 37 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	34	91.89%
Slight (1 to 5mm)	3	8.11%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.41mm and average length of cracks is 2.13m. The maximum crack width is 2mm and minimum width is 0.1mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0001-381	Janki Ballabh aggrawal		
BC-RA/UP/0001-380	Janki Ballabh aggrawal		
BC-RA/UP/0001-379	Gopaldas & Co.		
BC-RA/UP/0001-378	Devilal Radhaballabh Aggrawal		
BC-RA/UP/0001-377	Ghanshyam Dhamani		
BC-RA/UP/0001-376	GS Pansari		
BC-RA/UP/0001-375	Ramkishan & Brothers		
BC-RA/UP/0001-374	Silver House		
BC-RA/UP/0001-373	Khandelwal Brothers		
BC-RA/UP/0001-372	Lalchand Sharraf		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Above Shop No. 360-381
2	Building Address	Shop No. 360-381 Ramganj Bazaar Jaipur
3	Year of Construction	1913
4	Number of Floors	G+1
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	6m
8	Approximate Area	Not Known
9	Age of Building	100 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Varanda of Shop No.381 Ground Floor	Horizontal	0.2	2	Very Slight	26
2	Roof Shop No.376 Ground Floor	Horizontal	0.8	2	Very Slight	27
3	Wall No. 3 Shop No.376 Ground Floor	Horizontal	0.4	1.5	Very Slight	28
4	Wall No. 2 Shop No.376 Ground Floor	Vertical	0.8	3	Very Slight	29
5	Roof Varanda of Shop No.376 Ground Floor	Horizontal	2	1.7	Slight	30
6	Wall No. Outside & Left External column Varanda of Shop No.376 Ground Floor	Inclined	0.2	1.2	Very Slight	31
7	Wall No. 3 Shop No.375 Ground Floor	Inclined	1.5	2.3	Slight	32
8	Roof Shop No.375 Ground Floor	Horizontal	0.35	2	Very Slight	33
9	Beam Varanda of Shop No.376 Ground Floor	Horizontal	0.5	2	Very Slight	34
10	Roof Varanda of Shop No.376 Ground Floor	Horizontal	0.1	2	Very Slight	35
11	Roof Varanda of Shop No.379 Ground Floor	Horizontal	0.1	2	Very Slight	36
12	Right External Column Varanda of Shop No.379 Ground Floor	Inclined	0.4	0.6	Very Slight	37
13	Wall No. 2 Shop No.374 Ground Floor	Inclined	0.15	2.8	Very Slight	38
14	Outside of Left External column Varanda of Shop No.374 Ground Floor	Inclined	0.2	1	Very Slight	39
15	Roof Shop No.373 Ground Floor	Horizontal	0.1	1.8	Very Slight	40
16	Roof Varanda of Shop No.373 Ground Floor	Horizontal	2	14	Slight	41
17	Right External Column Varanda of Shop No.373 Ground Floor	Horizontal	0.2	1	Very Slight	42
18	Backside & Left External column Varanda of Shop No.371 Ground Floor	Horizontal	0.8	2	Very Slight	43
19	Roof Varanda of Shop No.371 Ground Floor	Horizontal	0.1	2	Very Slight	44
20	Roof Shop No.370 Upper Ground Floor	Inclined	0.15	1.5	Very Slight	45
21	Leftside External Column Shop No.370 Ground Floor	Inclined	0.2	0.6	Very Slight	46
22	Wall No. 2 Shop No.377 Ground Floor	Inclined	0.4	1.2	Very Slight	47
23	Wall No. 1 Shop No.377 Ground Floor	Inclined	0.15	1.1	Very Slight	48
24	Leftside External Column Varanda of Shop No.377 Ground Floor	Vertical	0.1	2	Very Slight	49
25	Varanda of Shop No.369 Ground Floor	Horizontal	0.1	2	Very Slight	50
26	Varanda of Shop No.369 Ground Floor	Horizontal	0.1	2	Very Slight	51
27	Roof Varanda of Shop No.367 Ground Floor	Horizontal	0.1	2	Very Slight	52
28	Roof Varanda of Shop No.367 Ground Floor	Horizontal	0.15	2	Very Slight	53
29	Roof Varanda of Shop No.367 Ground Floor	Horizontal	0.4	2	Very Slight	54
30	Roof Varanda of Shop No.365 Ground Floor	Horizontal	0.8	3.2	Very Slight	55
31	Right External Column Varanda of Shop No.365 Ground Floor	Inclined	0.2	1.2	Very Slight	56
32	Beam Varanda of Shop No.366 Ground Floor	Horizontal	0.2	3.2	Very Slight	57
33	Roof Room No. 2 Ground Floor	Horizontal	0.35	2.7	Very Slight	58
34	Wall No. 1 Room No. 2 Ground Floor	Inclined	0.2	1.4	Very Slight	59
35	Wall No. 2 Room No. 2 Ground Floor	Inclined	0.3	1	Very Slight	60
36	Wall No. 2 Room No. 2 Ground Floor	Inclined	0.35	1.3	Very Slight	61
37	Roof Shop No.363 Ground Floor	Horizontal	0.15	1.5	Very Slight	62

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.

Serial No.	Location	Description	Photo No.
38	Roof Shop No.380 Ground Floor	Dampness/Seepage	63
39	Roof Varanda of Shop No.378 Ground Floor	Dampness/Seepage	64
40	Wall No. 3 Shop No.375 Ground Floor	Dampness/Seepage	65
41	Wall No. 3 Room No. 1 Ground Floor	Peeling of Plaster	66
42	Roof Room No. 1 Ground Floor	Damaged Portion	67
43	Roof Room No. 1 Ground Floor	Damaged Portion	68
44	Wall No. 2, 1 & Roof Room No. 1 Ground Floor	Damaged Portion	69
45	Roof Varanda of Shop No.379 Ground Floor	Dampness/Seepage	70
46	Frontside & Left External column Varanda of Shop No.379 Ground Floor	Damaged Portion	71
47	Wall No. 1 & 4 Shop No.374 Ground Floor	Dampness/Seepage	72
48	Roof Varanda of Shop No.374 Ground Floor	Damaged Portion	73
49	Roof Varanda of Shop No.374 Ground Floor	Dampness/Seepage	74
50	Wall No. 1 Shop No.373 Ground Floor	Peeling of Plaster	75
51	Roof Shop No.371 Ground Floor	Peeling of Plaster	76
52	Roof Varanda of Shop No.371 Ground Floor	Dampness/Seepage	77
53	Beam Varanda of Shop No.371 Ground Floor	Damaged Portion	78
54	Beam Varanda of Shop No.371 Ground Floor	Damaged Portion	79
55	Beam Varanda of Shop No.371 Ground Floor	Damaged Portion	80
56	Wall No. 4 Shop No.370 Upper Ground Floor	Dampness/Seepage	81
57	Roof Shop No.370 Upper Ground Floor	Peeling of Plaster	82
58	Roof Varanda of Shop No.370 Ground Floor	Peeling of Plaster	83
59	Roof Varanda of Shop No.370 Ground Floor	Peeling of Plaster	84
60	Roof Shop No.377 Ground Floor	Dampness/Seepage	85
61	Wall No. 4 Room No. 1 Ground Floor	Damaged Portion	86
62	Wall No. 3 Room No. 1 Ground Floor	Damaged Portion	87
63	Wall No. 4 Room No. 1 Ground Floor	Damaged Portion	88
64	Roof Room No. 2 Ground Floor	Peeling of Plaster	89
65	Roof Room No. 1 Ground Floor	Peeling of Plaster	90
66	Wall No. 4 Room No. 2 Ground Floor	Peeling of Plaster	91
67	Roof Room No. 2 Ground Floor	Peeling of Plaster	92
68	Wall No. 4 Room No. 2 Ground Floor	Peeling of Plaster	93
69	Roof Shop No.367 Ground Floor	Damaged Portion	94
70	Roof Varanda of Shop No.367 Ground Floor	Dampness/Seepage	95
71	Wall No. 2 & Roof Room No. 2 Ground Floor	Dampness/Seepage	96
72	Roof Room No. 2 Ground Floor	Peeling of Plaster	97
73	Roof Varanda of Shop No.365 Ground Floor	Dampness/Seepage	98
74	Wall No. 4 & 1 Room No. 1 Ground Floor	Dampness/Seepage	99
75	Wall No. 3 Shop No.366 Ground Floor	Dampness/Seepage	100
76	Roof Varanda of Shop No.366 Ground Floor	Dampness/Seepage	101
77	Roof & 4 Shop No.363 Ground Floor	Dampness/Seepage	102
78	Roof Varanda of Shop No.363 Ground Floor	Damaged Portion	103
79	Roof Varanda of Shop No.363 Ground Floor	Damaged Portion	104
80	Wall No. 4 & Roof Shop No.362 Ground Floor	Dampness/Seepage	105
81	Roof Varanda ofShop No.361 Ground Floor	Dampness/Seepage	106
82	Roof Varanda ofShop No.362 Ground Floor	Damaged Portion	107
83	Wall No. 2 & 4 Shop Rajesh Chand Sharma Ground Floor	Dampness/Seepage	108
84	Wall No. 3 Shop Rajesh Chand Sharma Ground Floor	Dampness/Seepage	109

Summary of Areas that Could not be Surveyed

Serial No.	Location	Description	Photo No.
1	All Walls Shop No.381 Ground Floor	Covered With Wooden Work	110

2	All Walls Shop No.380 Ground Floor	Covered With Wooden Work	111
3	Wall No. 1 & 4 Shop No.378 Ground Floor	Covered With Wooden Rack	112
4	Wall No. 2 & 4 Shop No.378 Ground Floor	Covered With Wooden Rack	113
5	Wall No. 1 & 4 Shop No.376 Ground Floor	Covered With Wooden Rack	114
6	Wall No. 2 & 4 Shop No.376 Ground Floor	Covered With Wooden Rack	115
7	Roof Shop No.376 Ground Floor	Covered With Wooden Work	116
8	Wall No. 1 Shop No.379 Ground Floor	Covered With wooden Works & Material	117
9	Wall No. 4 Shop No.379 Ground Floor	Covered With wooden Works & Material	118
10	Wall No. 2 Shop No.379 Ground Floor	Covered With wooden Works & Material	119
11	Wall No. 1 & 2 Shop No.374 Ground Floor	Covered With Material	120
12	Wall No. 1 Shop No.373 Ground Floor	Covered With Wooden Rack	121
13	Wall No. 2 Shop No.373 Ground Floor	Covered With Wooden Rack	122
14	All Walls Shop No.370 Ground Floor	Covered With Material	123
15	Wall No. 4 Shop No.377 Ground Floor	Covered With Material	124
16	Wall No. 2 Room No. 1 Ground Floor	Covered With Beg	125
17	Wall No. 1 Shop No.369 Ground Floor	Covered With Wooden Work	126
18	Wall No. 2 Shop No.369 Ground Floor	Covered With Wooden Work	127
19	Wall No. 1 & 2 Room No. 2 Ground Floor	Covered With Material	128
20	Wall No. 4 Room No. 1 Ground Floor	Covered With Material	129
21	Wall No. 2 Room No. 1 Ground Floor	Covered With Material & Almira	130
22	Wall No. 1 Room No. 2 Ground Floor	Covered With Material	131
23	Wall No. 2 & 4 Room No. 2 Ground Floor	Covered With Material	132
24	Wall No. 1 Varanda of Shop No.365 Ground Floor	Covered With Material	133
25	Wall No. 2 & 4 Varanda of Shop No.365 Ground Floor	Covered With Material	134
26	Wall No. 2 Room No. 1 Ground Floor	Covered With Material	135
27	Wall No. 1 Room No. 2 Ground Floor	Covered With Material	136
28	Wall No. 2 Room No. 2 Ground Floor	Covered With Material	137
29	Wall No. 1 & 4 Shop No.366 Ground Floor	Covered With Material	138
30	Wall No. 2 Shop No.366 Ground Floor	Covered With Material	139
31	Wall No. 4 Room No. 1 Ground Floor	Covered With Material	140
32	Wall No. 1 Shop No.364 Ground Floor	Covered With Material	141
33	Wall No. 2 Shop No.364 Ground Floor	Covered With Material	142
34	Roof Shop No.364 Ground Floor	Covered With Falls Ceiling	143
35	Wall No. 1 Room No. 1 Ground Floor	Covered With Material	144
36	Wall No. 1 Room No. 2 Ground Floor	Covered With Material	145
37	Wall No. 1 Shop No.362 Ground Floor	Covered With Wooden Work	146
38	Wall No. 1 Shop No.362 Ground Floor	Covered With Wooden Work	147
39	Wall No. 2 Shop No.362 Ground Floor	Covered With Wooden Work	148
40	Wall No. 1 Shop No.361 Ground Floor	Covered With Wooden Work	149
41	Wall No. 2 & 4 Shop No.361 Ground Floor	Covered With Wooden Work	150
42	Shop No.360A Ground Floor	Locked	151



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
View of Shop No.381



Photo 2  
View of Shop No.380, Ground Floor



Photo 3  
View of Shop No.378, Ground Floor



Photo 4  
View of Shop No.376, Ground Floor



Photo 5  
View of Shop No.375, Ground Floor



Photo 6  
View of shop no.379, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
View of Shop No.374, Ground Floor



Photo 8  
View of Shop No.373, Ground Floor



Photo 9  
View of Shop No.371, Ground Floor



Photo 10  
View of Shop, Ground Floor



Photo 11  
View of Shop, Ground Floor



Photo 12  
View Shop no.370, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13  
View of Shop No.377, Ground Floor



Photo 14  
View of Shop No.377, Ground Floor



Photo 15  
View of Shop No.369, Ground Floor



Photo 16  
View of Shop No.367, Ground Floor



Photo 17  
View of Shop No.365, Ground Floor



Photo 18  
View of Shop No.366, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19  
Shop No.364, Ground Floor



Photo 20  
View of Shop no.363, Ground Floor



Photo 21  
View of Shop No.362, Ground Floor



Photo 22  
Shop No.361, Ground Floor



Photo 23  
View of Shop No.360A, Ground Floor



Photo 24  
View of Shop No.360A, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



**Photo 25**  
View of Shop Rajesh Chand Sharma, Ground Floor



**Photo 26**  
Horizontal Crack on of Varanda of Shop No.381, Ground Floor  
Approx. Width = 0.2mm, Approx. Length = 2m.  
Distance from Leftside Wall = Backsidem, Height from Floor = 3m.



**Photo 27**  
Horizontal Crack on Roof of Shop No.376, Ground Floor  
Approx. Width = 0.8mm, Approx. Length = 2m.  
Distance from Wall No.3 = 0m, Height from Floor = 3m.



**Photo 28**  
Horizontal Crack on Wall No. 3 of Shop No.376, Ground Floor  
Approx. Width = 0.4mm, Approx. Length = 1.5m.  
Distance from Wall No.2 = 0m, Height from Floor = 2.8m.



**Photo 29**  
Vertical Crack on Wall No. 2 of Shop No.376, Ground Floor. Approx. Width = 0.8mm, Approx. Length = 3m. Distance from Wall No.2 = 0m, Height from Floor = 0m.



**Photo 30**  
Horizontal Crack on Roof of Varanda of Shop No.376, Ground Floor. Approx. Width = 2mm, Approx. Length = 1.7m. Distance from Leftside External Column = Backsidem, Height from Floor = 2.8m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 31

Inclined Crack on Outside & Left External column of Varanda of Shop No.376, Ground Floor Approx. Width = 0.2mm, Approx. Length = 1.2m. Distance from Leftside External Column = Frontsidem, Height from Floor = 2.5m



Photo 32

Inclined Crack on Wall No. 3 of Shop No.375, Ground Floor Approx. Width = 1.5mm, Approx. Length = 2.3m. Distance from Wall No.1 = 0m, Height from Floor = 3.2m.



Photo 33

Horizontal Crack on Roof of Shop No.375, Ground Floor Approx. Width = 0.35mm, Approx. Length = 2m. Distance from Wall No.3 = 0m, Height from Floor = 3.2m.



Photo 34

Horizontal Crack on Beam of Varanda of Shop No.376, Ground Floor Approx. Width = 0.5mm, Approx. Length = 2m. Distance from Leftside External Column = 0m, Height from Floor = 2.5m.



Photo 35

Horizontal Crack on Roof of Varanda of Shop No.376, Ground Floor Approx. Width = 0.1mm, Approx. Length = 2m. Distance from Leftside External Column = 1m, Height from Floor = 3m.



Photo 36

Horizontal Crack on Roof of Varanda of Shop No.379, Ground Floor Approx. Width = 0.1mm, Approx. Length = 2m. Distance from Leftside External Column = Backsidem, Height from Floor = 3m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 37

Inclined Crack on Right External Column of Varanda of Shop No.379, G/F Approx. Width = 0.4mm, Approx. Length = 0.6m. Distance from R/S External Column = 0m, Height from Floor = 2.2m.



Photo 38

Inclined Crack on Wall No. 2 of Shop No.374, Ground Floor Approx. Width = 0.15mm, Approx. Length = 2.8m. Distance from Wall no.2 & 4 = Corner ofm, Height from Floor = 0.2m.



Photo 39

Inclined Crack on O/S & Left Ext. column of Varanda of Shop No.374, G/F Approx. Width = 0.2mm, Approx. Length = 1m. Dist. from L/S External Column = O/S, Height from Floor = 2.5m.



Photo 40

Horizontal Crack on Roof of Shop No.373, Ground Floor Approx. Width = 0.1mm, Approx. Length = 1.8m. Distance from Wall No.2 = 1m, Height from Floor = 3m.



Photo 41

Horizontal Crack on Roof of Varanda of Shop No.373, Ground Floor Approx. Width = 2mm, Approx. Length = 14m. Distance from = Internal Beam wall no.3m, Height from Floor = 2.8m.



Photo 42

Horizontal Crack on Right External Column of Varanda of Shop No.373, G/F Approx. Width = 0.2mm, Approx. Length = 1m. Dist. from Rightside External Column = 0m, Height from Floor = 2.8m.



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Photo 43

Horizontal Crack on Wall No. Backside & Left External column of Varanda of Shop No.371, Ground Floor  
Approx. Width = 0.8mm, Approx. Length = 2m.  
Distance from Leftside External Column = Backsidem. Height from Floor



Photo 44

Horizontal Crack on Roof of Varanda of Shop No.371, Ground Floor  
Approx. Width = 0.1mm, Approx. Length = 2m.  
Distance from Rightside External Column = 0.3m, Height from Floor = 3m.



Photo 45

Inclined Crack on Roof of Shop No.370, Upper Ground Floor  
Approx. Width = 0.15mm, Approx. Length = 1.5m.  
Distance from Wall No.2 = 3m, Height from Floor = 1m.



Photo 46

Inclined Crack on Leftside External Column of Shop No.370, G/F  
Approx. Width = 0.2mm, Approx. Length = 0.6m. Distance from Leftside External Column = 0m, Height from Floor = 3m.



Photo 47

Inclined Crack on Wall No. 2 of Shop No.377, Ground Floor  
Approx. Width = 0.4mm, Approx. Length = 1.2m.  
Distance from Wall No.3 = 0m, Height from Floor = 1.4m.



Photo 48

Inclined Crack on Wall No. 1 of Shop No.377, Ground Floor  
Approx. Width = 0.15mm, Approx. Length = 1.1m.  
Distance from Wall no.3 = 0m, Height from Floor = 1.3m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 49

Vertical Crack on L/S External Column of Varanda of Shop No.377, G/F  
Approx. Width = 0.1mm, Approx. Length = 2m. Dist. from = L/S Internal Column, Height from Floor = 0.7m.



Photo 50

Horizontal Crack on Varanda of Shop No.369, Ground Floor Approx.  
Width = 0.1mm, Approx. Length = 2m. Distance from Leftside External Column = Backsidem, Height from Floor = 3m.



Photo 51

Horizontal Crack on Varanda of Shop No.369, Ground Floor  
Approx. Width = 0.1mm, Approx. Length = 2m.  
Distance from Leftside External Column = 1m, Height from Floor = 3m.



Photo 52

Horizontal Crack on Roof of Varanda of Shop No.367, Ground Floor  
Approx. Width = 0.1mm, Approx. Length = 2m. Distance from Leftside External Column = Backsidem, Height from Floor = 3m.



Photo 53

Horizontal Crack on Roof of Varanda of Shop No.367, Ground Floor  
Approx. Width = 0.15mm, Approx. Length = 2m. Distance from Leftside External Column = 0.4m, Height from Floor = 3m.



Photo 54

Horizontal Crack on Roof of Varanda of Shop No.367, Ground Floor  
Approx. Width = 0.4mm, Approx. Length = 2m. Distance from Rightside External Column = Backsidem, Height from Floor = 3m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 55

Horizontal Crack on Roof of Varanda of Shop No.365, Ground Floor  
Approx. Width = 0.8mm, Approx. Length = 3.2m. Distance from  
Rightside External Column = 0m, Height from Floor = 2.8m.



Photo 56

Inclined Crack on Right External Column of Varanda of Shop No.365,  
G/F Approx. Width = 0.2mm, Approx. Length = 1.2m. Dist. from  
Rightside External Column = 0m, Height from Floor = 2.5m.



Photo 57

Horizontal Crack on Beam of Varanda of Shop No.366, Ground Floor  
Approx. Width = 0.2mm, Approx. Length = 3.2m. Dist. from Rightside  
External Column = Backsidem, Height from Floor = 2.5m.



Photo 58

Horizontal Crack on Roof of Room No. 2, Ground Floor Approx. Width =  
0.35mm, Approx. Length = 2.7m. Distance from Wall No.1 = 1.3m,  
Height from Floor = 4m.



Photo 59

Inclined Crack on Wall No. 1 of Room No. 2, Ground Floor  
Approx. Width = 0.2mm, Approx. Length = 1.4m.  
Distance from Wall No.3 = 0m, Height from Floor = 3.5m.



Photo 60

Inclined Crack on Wall No. 2 of Room No. 2, Ground Floor  
Approx. Width = 0.3mm, Approx. Length = 1m.  
Distance from Wall No.4 = 1.4m, Height from Floor = 3.2m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 61

Inclined Crack on Wall No. 2 of Room No. 2, Ground Floor  
Approx. Width = 0.35mm, Approx. Length = 1.3m.  
Distance from Wall No.4 = 0.7m, Height from Floor = 2.4m.



Photo 62

Horizontal Crack on Roof of Shop No.363, Ground Floor  
Approx. Width = 0.15mm, Approx. Length = 1.5m.  
Distance from Wall No.3 = 0.15m, Height from Floor = 3.2m.



Photo 63

Dampness/Seepage on Roof of Shop No.380 of Ground Floor



Photo 64

Dampness/Seepage on Roof of Varanda of Shop No.378 of Ground Floor



Photo 65

Dampness/Seepage on Wall No. 3 of Shop No.375 of Ground Floor



Photo 66

Peeling of Plaster on Wall No. 3 of Room No. 1 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 67

Damaged Portion on Roof of Room No. 1 of Ground Floor



Photo 68

Damaged Portion on Roof of Room No. 1 of Ground Floor



Photo 69

Damaged Portion on Wall No. 2, 1 & Roof of Room No. 1 of Ground Floor



Photo 70

Dampness/Seepage on Roof of Varanda of Shop No.379 of Ground Floor



Photo 71

Damaged Portion on Frontside & Left External column of Varanda of Shop No.379 of Ground Floor



Photo 72

Dampness/Seepage on Wall No. 1 & 4 of Shop No.374 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

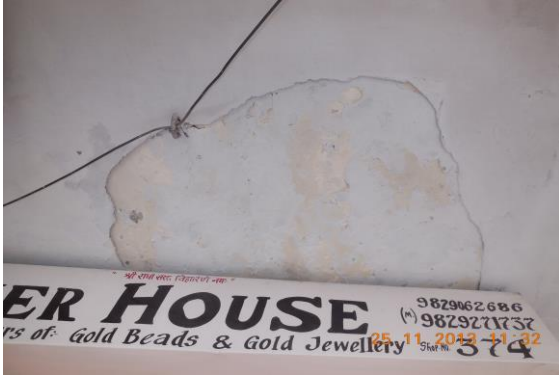


Photo 73

Damaged Portion on Roof of Varanda of Shop No.374 of Ground Floor



Photo 74

Dampness/Seepage on Roof of Varanda of Shop No.374 of Ground Floor



Photo 75

Peeling of Plaster on Wall No. 1 of Shop No.373 of Ground Floor



Photo 76

Peeling of Plaster on Roof of Shop No.371 of Ground Floor



Photo 77

Dampness/Seepage on Roof of Varanda of Shop No.371 of Ground Floor



Photo 78

Damaged Portion on Beam of Varanda of Shop No.371 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 79

Damaged Portion on Beam of Varanda of Shop No.371 of Ground Floor



Photo 80

Damaged Portion on Beam of Varanda of Shop No.371 of Ground Floor



Photo 81

Dampness/Seepage on Wall No. 4 of Shop No.370 of Upper Ground Floor



Photo 82

Peeling of Plaster on Roof of Shop No.370 of Upper Ground Floor



Photo 83

Peeling of Plaster on Roof of Varanda of Shop No.370 of Ground Floor



Photo 84

Peeling of Plaster on Roof of Varanda of Shop No.370 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 85  
Dampness/Seepage on Roof of Shop No.377 of Ground Floor



Photo 86  
Damaged Portion on Wall No. 4 of Room No. 1 of Ground Floor



Photo 87  
Damaged Portion on Wall No. 3 of Room No. 1 of Ground Floor



Photo 88  
Damaged Portion on Wall No. 4 of Room No. 1 of Ground Floor



Photo 89  
Peeling of Plaster on Roof of Room No. 2 of Ground Floor



Photo 90  
Peeling of Plaster on Roof of Room No. 1 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 91

Peeling of Plaster on Wall No. 4 of Room No. 2 of Ground Floor



Photo 92

Peeling of Plaster on Roof of Room No. 2 of Ground Floor



Photo 93

Peeling of Plaster on Wall No. 4 of Room No. 2 of Ground Floor



Photo 94

Damaged Portion on Roof of Shop No.367 of Ground Floor



Photo 95

Dampness/Seepage on Roof of Varanda of Shop No.367 of Ground Floor



Photo 96

Dampness/Seepage on Wall No. 2 & Roof of Room No. 2 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 97  
Peeling of Plaster on Roof of Room No. 2 of Ground Floor



Photo 98  
Dampness/Seepage on Roof of Varanda of Shop No.365 of Ground Floor



Photo 99  
Dampness/Seepage on Wall No. 4 & 1 of Room No. 1 of Ground Floor



Photo 100  
Dampness/Seepage on Wall No. 3 of Shop No.366 of Ground Floor



Photo 101  
Dampness/Seepage on Roof of Varanda of Shop No.366 of Ground Floor



Photo 102  
Dampness/Seepage on Roof & 4 of Shop No.363 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 103

Damaged Portion on Roof of Varanda of Shop No.363 of Ground Floor



Photo 104

Damaged Portion on Roof of Varanda of Shop No.363 of Ground Floor



Photo 105

Dampness/Seepage on Wall No. 4 & Roof of Shop No.362 of Ground Floor



Photo 106

Dampness/Seepage on Roof of Varanda of Shop No.361 of Ground Floor



Photo 107

Damaged Portion on Roof of Varanda of Shop No.362 of Ground Floor



Photo 108

Dampness/Seepage on Wall No. 2 & 4 of Shop Rajesh Chand Sharma of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 109

Dampness/Seepage on Wall No. 3 of Shop Rajesh Chand Sharma of Ground Floor



Photo 110

All Walls of Shop No.381 of Ground Floor Covered With Wooden Work



Photo 111

All Walls of Shop No.380 of Ground Floor Covered With Wooden Work



Photo 112

Wall No. 1 & 4 of Shop No.378 of Ground Floor Covered With Wooden Rack



Photo 113

Wall No. 2 & 4 of Shop No.378 of Ground Floor Covered With Wooden Rack



Photo 114

Wall No. 1 & 4 of Shop No.376 of Ground Floor Covered With Wooden Rack



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 115

Wall No. 2 & 4 of Shop No.376 of Ground Floor Covered With Wooden Rack



Photo 116

Roof of Shop No.376 of Ground Floor Covered With Wooden Work



Photo 117

Wall No. 1 of Shop No.379 of Ground Floor Covered With wooden Works & Material



Photo 118

Wall No. 4 of Shop No.379 of Ground Floor Covered With wooden Works & Material



Photo 119

Wall No. 2 of Shop No.379 of Ground Floor Covered With wooden Works & Material



Photo 120

Wall No. 1 & 2 of Shop No.374 of Ground Floor Covered With Material

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 121

Wall No. 1 of Shop No.373 of Ground Floor Covered With Wooden Rack



Photo 122

Wall No. 2 of Shop No.373 of Ground Floor Covered With Wooden Rack



Photo 123

All Walls of Shop No.370 of Ground Floor Covered With Material



Photo 124

Wall No. 4 of Shop No.377 of Ground Floor Covered With Material



Photo 125

Wall No. 2 of Room No. 1 of Ground Floor Covered With Beg



Photo 126

Wall No. 1 of Shop No.369 of Ground Floor Covered With Wooden Work



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 127

Wall No. 2 of Shop No.369 of Ground Floor Covered With Wooden Work



Photo 128

Wall No. 1 & 2 of Room No. 2 of Ground Floor Covered With Material



Photo 129

Wall No. 4 of Room No. 1 of Ground Floor Covered With Material



Photo 130

Wall No. 2 of Room No. 1 of Ground Floor Covered With Material & Almira



Photo 131

Wall No. 1 of Room No. 2 of Ground Floor Covered With Material



Photo 132

Wall No. 2 & 4 of Room No. 2 of Ground Floor Covered With Material

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 133

Wall No. 1 of Varanda of Shop No.365 of Ground Floor Covered With Material



Photo 134

Wall No. 2 & 4 of Varanda of Shop No.365 of Ground Floor Covered With Material



Photo 135

Wall No. 2 of Room No. 1 of Ground Floor Covered With Material



Photo 136

Wall No. 1 of Room No. 2 of Ground Floor Covered With Material



Photo 137

Wall No. 2 of Room No. 2 of Ground Floor Covered With Material



Photo 138

Wall No. 1 & 4 of Shop No.366 of Ground Floor Covered With Material



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 139

Wall No. 2 of Shop No.366 of Ground Floor Covered With Material



Photo 140

Wall No. 4 of Room No. 1 of Ground Floor Covered With Material



Photo 141

Wall No. 1 of Shop No.364 of Ground Floor Covered With Material



Photo 142

Wall No. 2 of Shop No.364 of Ground Floor Covered With Material



Photo 143

Roof of Shop No.364 of Ground Floor Covered With Falls Ceiling



Photo 144

Wall No. 1 of Room No. 1 of Ground Floor Covered With Material



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 145

Wall No. 1 of Room No. 2 of Ground Floor Covered With Material



Photo 146

Wall No. 1 of Shop No.362 of Ground Floor Covered With Wooden Work



Photo 147

Wall No. 1 of Shop No.362 of Ground Floor Covered With Wooden Work



Photo 148

Wall No. 2 of Shop No.362 of Ground Floor Covered With Wooden Work



Photo 149

Wall No. 1 of Shop No.361 of Ground Floor Covered With Wooden Work



Photo 150

Wall No. 2 & 4 of Shop No.361 of Ground Floor Covered With Wooden Work



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 151  
Shop No.360A of Ground Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No. 357-360 and house above  
Ramganj Bazaar  
Jaipur  
Unique ID: BC RA UP 0002

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0002/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/11/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 2 floors. The structure was constructed in year 1913 and is 100 years old.

There are 19 defects in the structure out of which 5 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category III (Moderate)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	3	60%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	2	40%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 3.17mm and average length of cracks is 2.06m. The maximum crack width is 10mm and minimum width is 0.15mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0002-360	Duli Chand Ghanshyamdas		
BC-RA/UP/0002-359	Bhagwandas Hanuman Sahai		
BC-RA/UP/0002-358	Radheyshyam Amarnath Sharma		
BC-RA/UP/0002-358/A	Mama Pan Bhandar		
BC-RA/UP/0002-357	Jagannath Ramesh Chand		
BC-RA/UP/0002-357	Mohan Lal Deepak Kumar		
BC-RA/UP/0002-FF	Mama Pan Bhandar		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No. 357-360 and house above
2	Building Address	Shop No. 357-360 and house above Ramganj Bazaar Jaipur
3	Year of Construction	1913
4	Number of Floors	G+1
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	6m
8	Approximate Area	Not Known
9	Age of Building	100 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof Room No. 1 Shop Kailash Chand Sharma, Ground Floor	Horizontal	10	2.3	Moderate	8, 8A
2	Wall No. 3 Room No. 2 Shop Kailash Chand Sharma, Ground Floor	Inclined	0.5	1.5	Very Slight	9, 9A
3	Outer Wall Shop No.360 Ground Floor	Inclined	0.2	3	Very Slight	10
4	External Beam Varanda of Shop No.358 Ground Floor	Horizontal	5	3	Moderate	11
5	Beam Shop No.357 Ground Floor	Inclined	0.15	0.5	Very Slight	12

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
6	Wall No. 2 Room No. 1 Shop Kailash Chand Sharma, Ground Floor	Damaged Portion	13
7	Wall No. 2 Room No. 1 Shop Kailash Chand Sharma, Ground Floor	Damaged Portion	14
8	Wall No. 3 Room No. 1 Shop Kailash Chand Sharma, Ground Floor	Damaged Portion	15
9	Wall No. 4 Room No. 2 Shop Kailash Chand Sharma, Ground Floor	Damaged Portion	16
10	Wall No. 3 Room No. 2 Shop Kailash Chand Sharma, Ground Floor	Damaged Portion	17
11	Roof Room No. 2 Shop Kailash Chand Sharma, Ground Floor	Damaged Portion	18
12	Wall No. 1 Room No. 2 Shop Kailash Chand Sharma, Ground Floor	Damaged Portion	19
13	Wall No. 2 Room No. 2 Shop Kailash Chand Sharma, Ground Floor	Dampness/Seepage	20
14	Roof Shop No.360 Ground Floor	Dampness/Seepage	21
15	Wall No. 4 Shop No.358A First Floor	Dampness/Seepage	22
16	Roof Shop No.358A Ground Floor	Peeling of Plaster	23
17	Roof Varanda of Shop No.358 Ground Floor	Dampness/Seepage	24
18	Beam Varanda of Shop No.358 Ground Floor	Peeling of Plaster	25
19	Varanda of Shop No.357 Ground Floor	Dampness/Seepage	26

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Wall No. 1 & 4 Shop Radheshyam Amarnath Ground Floor	Covered With Wooden work	27
2	All Walls Shop No.360 Ground Floor	Covered With Materials	28
3	All Walls Shop No.359 Ground Floor	Covered With Materials	29
4	Wall No. 4 Shop No.358A First Floor	Covered With Material	30
5	Wall No. 3 Shop No.358A First Floor	Covered With Material	31
6	Wall No. 4 Store Ground Floor	Covered With Almira	32
7	Wall No. 2 & 4 Shop No.358A Ground Floor	Covered With Wooden Racks	33
8	Wall No. 2 & 4 Shop No.358 Ground Floor	Covered With Material	34
9	Wall No. 1, 2 & 4 Shop No.357 Ground Floor	Covered With Materials	35
10	Shop No.357 Ground Floor	Locked	36



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
View of Shop Radheshyam Amarnath



Photo 2  
View of Shop No.360, Ground Floor



Photo 3  
View of Shop No.359, Ground Floor



Photo 4  
Shop No.358A, Ground Floor



Photo 5  
Shop No.358, Ground Floor



Photo 6  
Shop No.357, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
View of Shop No.357, Ground Floor



Photo 8  
Horizontal Crack on Roof of Room No. 1, Shop Kailash Chand Sharma, Ground Floor Approx. Width = 10mm, Approx. Length = 2.3m. Distance from Wall No.2 = 0m, Height from Floor = 1.5m.



Photo 8A  
Horizontal Crack on Roof of Room No. 1, Shop Kailash Chand Sharma, Ground Floor Approx. Width = 10mm, Approx. Length = 2.3m. Distance from Wall No.2 = 0m, Height from Floor = 1.5m.



Photo 9  
Inclined Crack on Wall No. 3 of Room No. 2, Shop Kailash Chand Sharma, Ground Floor Approx. Width = 0.5mm, Approx. Length = 1.5m. Distance from Wall No.1 = 1m, Height from Floor = 0m.



Photo 9A  
Inclined Crack on Wall No. 3 of Room No. 2, Shop Kailash Chand Sharma, Ground Floor Approx. Width = 0.5mm, Approx. Length = 1.5m. Distance from Wall No.1 = 1m, Height from Floor = 0m.



Photo 10  
Inclined Crack on Outer Wall of Shop No.360, Ground Floor Approx. Width = 0.2mm, Approx. Length = 3m. Distance from Internal Leftside Beam = 0.7m, Height from Floor = 3m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 11

Horizontal Crack on External Beam of Varanda of Shop No.358, Ground Floor Approx. Width = 5mm, Approx. Length = 3m. Distance from Leftside External Beam = m, Height from Floor = m.



Photo 12

Inclined Crack on Beam of Shop No.357, Ground Floor Approx. Width = 0.15mm, Approx. Length = 0.5m. Distance from Leftside External Beam = 0m, Height from Floor = 2.5m.



Photo 13

Damaged Portion on Wall No. 2 of Room No. 1 of Shop Kailash Chand Sharma, Ground Floor



Photo 14

Damaged Portion on Wall No. 2 of Room No. 1 of Shop Kailash Chand Sharma, Ground Floor



Photo 15

Damaged Portion on Wall No. 3 of Room No. 1 of Shop Kailash Chand Sharma, Ground Floor



Photo 16

Damaged Portion on Wall No. 4 of Room No. 2 of Shop Kailash Chand Sharma, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 17

Damaged Portion on Wall No. 3 of Room No. 2 of Shop Kailash Chand Sharma, Ground Floor



Photo 18

Damaged Portion on Roof of Room No. 2 of Shop Kailash Chand Sharma, Ground Floor



Photo 19

Damaged Portion on Wall No. 1 of Room No. 2 of Shop Kailash Chand Sharma, Ground Floor



Photo 20

Dampness/Seepage on Wall No. 2 of Room No. 2 of Shop Kailash Chand Sharma, Ground Floor



Photo 21

Dampness/Seepage on Roof of Shop No.360 of Ground Floor



Photo 22

Dampness/Seepage on Wall No. 4 of Shop No.358A of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 23  
Peeling of Plaster on Roof of Shop No.358A of Ground Floor



Photo 24  
Dampness/Seepage on Roof of Varanda of Shop No.358 of Ground Floor



Photo 25  
Peeling of Plaster on Beam of Varanda of Shop No.358 of Ground Floor



Photo 26  
Dampness/Seepage on Varanda of Shop No.357 of Ground Floor



Photo 27  
Wall No. 1 & 4 of Shop Radheshyam Amarnath of Ground Floor Covered With Wooden work



Photo 28  
All Walls of Shop No. 360 of Ground Floor Covered With Materials



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 29

All Walls of Shop No.359 of Ground Floor Covered With Materials



Photo 30

Wall No. 4 of Shop No.358A of First Floor Covered With Material



Photo 31

Wall No. 3 of Shop No.358A of First Floor Covered With Material



Photo 32

Wall No. 4 of Store of Ground Floor Covered With Almira



Photo 33

Wall No. 2 & 4 of Shop No.358A of Ground Floor Covered With Wooden Racks



Photo 34

Wall No. 2 & 4 of Shop No.358 of Ground Floor Covered With Material

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 35

Wall No. 1, 2 & 4 of Shop No.357 of Ground Floor Covered With Materials



Photo 36

Shop No.357 of Ground Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No. 350-354 and house above  
Ramganj Bazaar  
Jaipur  
Unique ID: BC RA UP 0004

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0004/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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10	Defect Photographs	
11	Schematic Diagram of Building	

Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/11/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 2 floors. The structure was constructed in year 1913 and is 100 years old.

There are 170 defects in the structure out of which 32 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category III (Moderate)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	9	28.13%
Slight (1 to 5mm)	18	56.25%
Moderate (5 to 15mm)	5	15.63%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 2.43mm and average length of cracks is 2.35m. The maximum crack width is 12mm and minimum width is 0.35mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0004-354	Achanak Lassi wale		
BC-RA/UP/0004-353	Shri Narayan Madanlal		
BC-RA/UP/0004-352	Prakash Chemicals & Fire Works		
BC-RA/UP/0004-351	Nathulal Sitaram		
BC-RA/UP/0004-350	Harbhagat Ramdayal		
BC-RA/UP/0004-FF	Khojo Ka Mandir		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No. 350-354 and house above
2	Building Address	Shop No. 350-354 and house above Ramganj Bazaar Jaipur
3	Year of Construction	1913
4	Number of Floors	G+1
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	6m
8	Approximate Area	Not Known
9	Age of Building	100 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Right side External Column Shop No.354 Ground Floor	Inclined	0.5	3	Very Slight	11
2	Roof Varanda of Shop No.350 Ground Floor	Inclined	0.8	2	Very Slight	12
3	Wall No. 3 & Roof Part C of Shop No.351 Ground Floor	Horizontal	1	2.5	Slight	13
4	Wall No. 1 Stair GF to FF First Floor	Horizontal	1.5	1.6	Slight	14, 14A
5	Wall No. 1 Stair GF to FF First Floor	Inclined	1	1.4	Slight	15, 15A
6	Wall No. 1 Stair GF to FF First Floor	Inclined	1.5	1.75	Slight	16, 16A
7	Wall No. 2 Stair GF to FF First Floor	Horizontal	1.5	3	Slight	17, 17A
8	Wall No. 2 Stair GF to FF First Floor	Inclined	0.6	0.5	Very Slight	18, 18A
9	Wall No. 1 Open Area First Floor	Inclined	2.5	2	Slight	19, 19A
10	Wall No. 1 Open Area First Floor	Inclined	1	2.5	Slight	20
11	Wall No. 1 Office 1 First Floor	Inclined	7	2.3	Moderate	21
12	Wall No. 1 Open Area First Floor	Inclined	0.6	3.5	Very Slight	22, 22A
13	Wall No. 1 Gate Temple First Floor	Inclined	0.35	3	Very Slight	23
14	Wall No. 4 Open Area First Floor	Inclined	2.5	2	Slight	24, 24A
15	Wall No. 9 Open Area First Floor	Inclined	2.5	1.3	Slight	25, 25A
16	Wall No. 13 Open Area First Floor	Vertical	9	3	Moderate	26, 26A
17	Wall No. 9 Open Area First Floor	Inclined	0.5	2.2	Very Slight	27, 27A
18	Floor Varanda First Floor	Horizontal	8	0.35	Moderate	28, 28A
19	Wall No. 4 Passage 2 First Floor	Inclined	0.35	3	Very Slight	29
20	Roof Passage 2 First Floor	Horizontal	0.35	6	Very Slight	30
21	Wall No. 2 Passage 2 First Floor	Inclined	12	1.2	Moderate	31, 31A
22	Wall No. 1 Stair 4 First Floor	Inclined	2	1.7	Slight	32, 32A
23	Wall No. 2 Room No. 1 Second Floor	Vertical	0.8	2.2	Very Slight	33
24	Wall No. 4 Room No. 2 Ground Floor	Inclined	1	1.7	Slight	34
25	Wall No. 4 Room No. 2 Ground Floor	Inclined	1.5	5.5	Slight	35, 35A
26	Wall No. 3 Room No. 2 Ground Floor	Inclined	1	1	Slight	36
27	Left Side Of Building External Façade	Inclined	2.5	2.5	Slight	37
28	External Façade	Inclined	1	3	Slight	38
29	External Façade	Inclined	2.5	2	Slight	39
30	External Façade	Inclined	2.5	3	Slight	40
31	External Façade	Inclined	3	2	Slight	41
32	External Façade	Inclined	5	2.5	Moderate	42

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
33	Tiles removal Wall No.2 & Shop No.354 Ground Floor	Damaged Portion	43
34	Tiles removal Wall No.4 & Shop No.354 Ground Floor	Damaged Portion	44
35	Roof Shop No.354 Ground Floor	Peeling of Plaster	45
36	Entry Gate of Part C Leftside Wall Part C of Shop No.350 Ground Floor	Peeling of Plaster	46
37	Wall No. 3 Part A of Shop No.350 Ground Floor	Peeling of Plaster	47
38	Roof Varanda of Shop No.350 Ground Floor	Dampness/Seepage	48

39	Entry Gate Roof Part A of Shop No.351 Ground Floor	Peeling of Plaster	49
40	Entry Gate Wall a Left Side Part A of Shop No.351 Ground Floor	Damaged Portion	50
41	Entry Gate Wall b Left Side Part A of Shop No.351 Ground Floor	Damaged Portion	51
42	Roof Part A of Shop No.351 Ground Floor	Peeling of Plaster	52
43	Wall No. 4 & Roof Part A of Shop No.351 Ground Floor	Dampness/Seepage	53
44	Wall No. 3 Part A of Shop No.351 Ground Floor	Peeling of Plaster	54
45	Wall No. 4 Part A of Shop No.351 Ground Floor	Peeling of Plaster	55
46	Roof Part B of Shop No.351 Ground Floor	Dampness/Seepage	56
47	Roof Part C of Shop No.351 Ground Floor	Dampness/Seepage	57
48	Wall No. 3 Part D of Shop No.351 Ground Floor	Damaged Portion	58
49	Roof Part D of Shop No.351 Ground Floor	Damaged Portion	59
50	Roof Varanda of Shop No.351 Ground Floor	Dampness/Seepage	60
51	Wall No. 1 Varanda of Shop No.351 Ground Floor	Peeling of Plaster	61
52	Wall No. 1 Entrance First Floor	Damaged Portion	62
53	Wall No. 2 Entrance First Floor	Damaged Portion	63
54	Wall No. 3 Entrance Open Area First Floor	Peeling of Plaster	64
55	Wall No. 3 Entrance Open Area First Floor	Damaged Portion	65
56	Wall No. 3 Entrance Open Area First Floor	Damaged Portion	66
57	Wall No. 3 Entrance Open Area First Floor	Damaged Portion	67
58	Wall No. 5 Entrance Open Area First Floor	Damaged Portion	68
59	Wall No. 1 Open Area First Floor	Damaged Portion	69
60	Roof Office 1 First Floor	Dampness/Seepage	70
61	Wall No. 4 Store 1 First Floor	Peeling of Plaster	71
62	Roof Office 1 First Floor	Dampness/Seepage	72
63	Wall No. 8 Open Area First Floor	Damaged Portion	73
64	Wall No. 8 Open Area First Floor	Damaged Portion	74
65	Wall No. 1 Gate Temple First Floor	Damaged Portion	75
66	Roof Varanda Temple Gate 2 First Floor	Damaged Portion	76
67	Roof Varanda Temple Gate 3 First Floor	Damaged Portion	77
68	Roof Varanda Temple Gate 4 First Floor	Damaged Portion	78
69	Roof Varanda Temple Gate 4 First Floor	Damaged Portion	79
70	Wall No. 4 Open Area First Floor	Damaged Portion	80
71	Wall No. 4 Open Area First Floor	Damaged Portion	81
72	Wall No. 2 Open Area First Floor	Damaged Portion	82
73	Gumbad 2 First Floor	Damaged Portion	83
74	Wall No. 9 Open Area First Floor	Peeling of Plaster	84
75	Stair Terrace First Floor	Damaged Portion	85
76	Roof Varanda First Floor	Damaged Portion	86
77	Roof Varanda First Floor	Damaged Portion	87
78	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	88
79	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	89
80	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	90
81	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	91
82	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	92
83	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	93
84	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	94
85	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	95
86	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	96
87	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	97
88	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	98
89	Wall No. 1, 4 & Roof Varanda First Floor	Plaster Crack	99

90	Wall No. 2 Varanda 1 First Floor	Damaged Portion	100
91	Wall No. 4 Varanda 1 First Floor	Peeling of Plaster	101
92	Floor Room No. 1 First Floor	Peeling of Plaster	102
93	Roof Stair 2 First Floor	Peeling of Plaster	103
94	Floor Passage 1 First Floor	Peeling of Plaster	104
95	Wall No. 1, 4 & Roof Passage 1 First Floor	Dampness/Seepage	105
96	Wall No. 4 Passage 2 First Floor	Peeling of Plaster	106
97	Floor Passage 2 First Floor	Peeling of Plaster	107
98	Wall No. 2 Passage 2 First Floor	Dampness/Seepage	108
99	Roof Passage 2 First Floor	Peeling of Plaster	109
100	Outer Wall 3 Passage 2 First Floor	Peeling of Plaster	110
101	Floor Varanda 1 First Floor	Damaged Portion	111
102	Floor Room No. 2 First Floor	Damaged Portion	112
103	Wall No. 1 Room No. 2 First Floor	Peeling of Plaster	113
104	Wall No. 4 Room No. 2 First Floor	Peeling of Plaster	114
105	Wall No. 2 Room No. 2 First Floor	Peeling of Plaster	115
106	Roof Room No. 2 First Floor	Peeling of Plaster	116
107	Floor Room No. 3 First Floor	Peeling of Plaster	117
108	Wall No. 2 & 4 Bathroom No. 1 First Floor	Dampness/Seepage	118
109	Roof Bathroom No. 1 First Floor	Peeling of Plaster	119
110	Roof Room No. 3 First Floor	Peeling of Plaster	120
111	Roof Room No. 3 First Floor	Damaged Portion	121
112	Wall No. 4 Room No. 3 First Floor	Damaged Portion	122
113	Wall No. 3 & Roof Kitchen 1 First Floor	Dampness/Seepage	123
114	Wall No. 4 & Roof Kitchen 1 First Floor	Dampness/Seepage	124
115	Wall No. 2 Kitchen 1 First Floor	Peeling of Plaster	125
116	Wall No. 2 Kitchen 1 First Floor	Peeling of Plaster	126
117	Roof Stair 4 First Floor	Dampness/Seepage	127
118	Wall No. 2 Stair 4 First Floor	Dampness/Seepage	128
119	Wall No. 4 Room No. 1 Second Floor	Dampness/Seepage	129
120	Wall No. 1 Room No. 1 Second Floor	Dampness/Seepage	130
121	Wall No. 2 Room No. 1 Second Floor	Dampness/Seepage	131
122	Wall No. 2 Stair 3 Second Floor	Damaged Portion	132
123	Wall No. 1 Stair 3 Second Floor	Damaged Portion	133
124	Wall No. 3 Stair 3 Second Floor	Damaged Portion	134
125	Wall No. 4 Stair 3 Second Floor	Peeling of Plaster	135
126	Roof Room No. 1 Second Floor	Dampness/Seepage	136
127	Floor Room No. 1 Second Floor	Peeling of Plaster	137
128	Wall No. 1 Room No. 2 Second Floor	Peeling of Plaster	138
129	Wall No. 1 & Roof Room No. 2 Second Floor	Dampness/Seepage	139
130	Wall No. 1 Room No. 2 Second Floor	Damaged Portion	140
131	Wall No. 4 & Roof Room No. 2 Second Floor	Peeling of Plaster	141
132	Floor Room No. 2 Second Floor	Peeling of Plaster	142
133	Wall No. 1 Stair 4 Second Floor	Damaged Portion	143
134	Wall No. 2 Stair 4 Second Floor	Damaged Portion	144
135	Roof Stair 4 Second Floor	Damaged Portion	145
136	Floor Terrace Second Floor	Damaged Portion	146
137	Floor Terrace Second Floor	Damaged Portion	147
138	Wall No. 2 Stair GF to FF Ground Floor	Damaged Portion	148
139	Wall No. 1 Room No. 1 Ground Floor	Peeling of Plaster	149
140	Wall No. 1 Room No. 2 Ground Floor	Peeling of Plaster	150
141	Floor Room No. 2 Ground Floor	Damaged Portion	151
142	Wall No. 2 Room No. 2 Ground Floor	Dampness/Seepage	152



143	Wall No. 1 Varanda 2 Ground Floor	Peeling of Plaster	153
144	Roof Varanda 2 Ground Floor	Damaged Portion	154
145	Roof Varanda 2 Ground Floor	Damaged Portion	155
146	Roof Varanda 2 Ground Floor	Damaged Portion	156
147	Roof Varanda 1 Ground Floor	Damaged Portion	157
148	Roof Varanda 1 Ground Floor	Damaged Portion	158
149	Wall No. 2, 3 & 4 Varanda 2 Ground Floor	Damaged Portion	159
150	Wall No. 2, 3 & 4 Varanda 2 Ground Floor	Damaged Portion	160
151	Wall No. 2, 3 & 4 Varanda 2 Ground Floor	Damaged Portion	161
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153	Wall No. 2, 3 & 4 Varanda 2 Ground Floor	Damaged Portion	163
154	Wall No. 2, 3 & 4 Varanda 2 Ground Floor	Damaged Portion	164
155	All Walls Varanda Ground Floor	Damaged Portion	165
156	All Walls Varanda Ground Floor	Damaged Portion	166
157	All Walls Varanda Ground Floor	Damaged Portion	167
158	All Walls Varanda Ground Floor	Damaged Portion	168
159	All Walls Varanda Ground Floor	Damaged Portion	169
160	All Walls Varanda Ground Floor	Damaged Portion	170
161	Floor Varanda Wall No.1 Ground Floor	Damaged Portion	171
162	Floor Varanda Wall No.2 Ground Floor	Damaged Portion	172
163	Wall No. 1 Hall No. 1 Ground Floor	Dampness/Seepage	173
164	Wall No. 2 & Roof Hall No. 1 Ground Floor	Dampness/Seepage	174
165	Floor Hall No. 1 Ground Floor	Damaged Portion	175
166	Floor Hall No. 1 Ground Floor	Damaged Portion	176
167	External Façade	Damaged Portion	177
168	Wall No. 1 External Façade	Damaged Portion	178
169	Wall No. 1 External Façade	Damaged Portion	179
170	Wall No. 1 External Façade	Damaged Portion	180

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Wall No. 1 Shop No.354 Ground Floor	Covered With Tiles & Wooden	181
2	Wall No. 2 Shop No.354 Ground Floor	Covered With Tiles & Wooden	182
3	Wall No. 1, 2 & 4 Part D of Shop No.350 Ground Floor	Covered With Material & Wooden Work	183
4	Roof Part D of Shop No.350 Ground Floor	Covered With Falls Ceiling	184
5	Wall No. 1 Part C of Shop No.350 Ground Floor	Covered With Wooden Almira	185
6	Wall No. 2 Part C of Shop No.350 Ground Floor	Covered With Wooden Almira	186
7	Roof Part C of Shop No.350 Ground Floor	Covered	187
8	Wall No. 1 Part B of Shop No.350 Ground Floor	Covered With Almira	188
9	Wall No. 2 Part B of Shop No.350 Ground Floor	Covered With Almira	189
10	Wall No. 1 Part A of Shop No.350 Ground Floor	Covered With Wooden Work	190
11	Wall No. 2 Part A of Shop No.350 Ground Floor	Covered With Wooden Work	191
12	Wall No. 2 Part A of Shop No.351 Ground Floor	Covered With Material	192
13	Wall No. 1 & 2 Part B of Shop No.351 Ground Floor	Covered With Material	193
14	Wall No. 1 Part D of Shop No.351 Ground Floor	Covered With Material	194
15	Wall No. 2 Part D of Shop No.351 Ground Floor	Covered With Material	195
16	Wall No. 4 Part D of Shop No.351 Ground Floor	Covered With Material	196
17	Wall No. 4 Office 1 First Floor	Covered with Material	197
18	Office 2 First Floor	Locked	198
19	Tinshed 1 First Floor	Locked	199
20	Tiin Shed 2 First Floor	Locked	200
21	Tinshed 3 First Floor	Locked	201

22	Shop 1 & 2 First Floor	Locked	202
23	Office 3 First Floor	Locked	203
24	Wall No. 1 Room No. 1 First Floor	Covered With Almira	204
25	Wall No. 1 & Roof Room No. 1 First Floor	Covered with Material	205
26	Wall No. 2 Room No. 1 First Floor	Covered with Material	206
27	Wall No. 1 Passage 2 First Floor	Covered with Material	207
28	Wall No. 3 Room No. 3 First Floor	Covered With Almira	208
29	Wall No. 4 Room No. 3 First Floor	Covered With Almira	209
30	Room No. 3 Ground Floor	Locked	210



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Photo 1



Photo 2

View of Shop No.354 Wooden Portion, Ground Floor



Photo 3

View of Shop No.350, Ground Floor



Photo 4

View of Shop No.351, Ground Floor



Photo 5

Passage 1, First Floor



Photo 6

Gate Main Entrance, Second Floor



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Photo 7  
Passage 1, Ground Floor



Photo 8  
Office 3, First Floor



Photo 9  
Open Area, First Floor



Photo 10  
First Floor



Photo 11  
Inclined Crack on Rightside External Column of Shop No.354, Ground Floor  
Approx.Width = 0.5mm, Approx.Length = 3m.Distance from Rightside External Column = ,Heightom Floor= 3m.



Photo 12  
Inclined Crack on Roof of Varanda of Shop No.350, Ground Floor  
Approx. Width = 0.8mm, Approx. Length = 2m.Distance from Rightside External Column = 0m, Height from Floor = 3.5m.

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Photo 13

Horizontal Crack on Wall No. 3 & Roof of Part C of Shop No.351, Ground Floor

Approx. Width = 1mm, Approx. Length = 2.5m.

Distance from Wall No 2 = 1.3m Height from Floor = 2m



Photo 14

Horizontal Crack on Wall No. 1 of Stair GF to FF, First Floor, Approx.

Width = 1.5mm, Approx. Length = 1.6m.

Distance from w3 = 0.2m, Height from Floor = 1.4m.



Photo 15

Inclined Crack on Wall No. 1 of Stair GF to FF, First Floor, Approx.

Width = 1mm, Approx. Length = 1.4m.

Distance from w4 = 1.4m, Height from Floor = 0m.

Horizontal Crack on Wall No. 1 of Stair GF to FF, First Floor, Approx.

Width = 1.5mm, Approx. Length = 1.6m.

Distance from w3 = 0.2m, Height from Floor = 1.4m.



Photo 16

Inclined Crack on Wall No. 1 of Stair GF to FF, First Floor, Approx.

Width = 1.5mm, Approx. Length = 1.75m.

Distance from w4 = 1.2m, Height from Floor = 0.7m.

Inclined Crack on Wall No. 1 of Stair GF to FF, First Floor, Approx.

Width = 1mm, Approx. Length = 1.4m.

Distance from w4 = 1.4m, Height from Floor = 0m.



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Photo 16A

Inclined Crack on Wall No. 1 of Stair GF to FF, First Floor, Approx.  
Width = 1.5mm, Approx. Length = 1.75m.  
Distance from w4 = 1.2m, Height from Floor = 0.7m.



Photo 17

Horizontal Crack on Wall No. 2 of Stair GF to FF, First Floor, Approx.  
Width = 1.5mm, Approx. Length = 3m.  
Distance from w4 = 1.9m, Height from Floor = 0m.



Photo 17A

Horizontal Crack on Wall No. 2 of Stair GF to FF, First Floor, Approx.  
Width = 1.5mm, Approx. Length = 3m.  
Distance from w4 = 1.9m, Height from Floor = 0m.



Photo 18

Inclined Crack on Wall No. 2 of Stair GF to FF, First Floor  
Approx. Width = 0.6mm, Approx. Length = 0.5m.  
Distance from w4 = 0.4m, Height from Floor = 0.5m.



Photo 18A

Inclined Crack on Wall No. 2 of Stair GF to FF, First Floor, Approx.  
Width = 0.6mm, Approx. Length = 0.5m.  
Distance from w4 = 0.4m, Height from Floor = 0.5m.



Photo 19

Inclined Crack on Wall No. 1 of Open Area, First Floor, Approx. Width =  
2.5mm, Approx. Length = 2m.  
Distance from w3 = 1.2m, Height from Floor = 0m.



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Photo 19A

Inclined Crack on Wall No. 1 of Open Area, First Floor, Approx. Width = 2.5mm, Approx. Length = 2m.  
Distance from w3 = 1.2m, Height from Floor = 0m.



Photo 20

Inclined Crack on Wall No. 1 of Open Area, First Floor, Approx. Width = 1mm, Approx. Length = 2.5m.  
Distance from w3 = 3.7m, Height from Floor = 2m.



Photo 21

Inclined Crack on Wall No. 1 of Office 1, First Floor, Approx. Width = 7mm, Approx. Length = 2.3m.  
Distance from w3 = 0.3m, Height from Floor = 2.3m.



Photo 22

Inclined Crack on Wall No. 1 of Open Area, First Floor, Approx. Width = 0.6mm, Approx. Length = 3.5m.  
Distance from w8 = 0.2m, Height from Floor = 1.5m.



Photo 22A

Inclined Crack on Wall No. 1 of Open Area, First Floor, Approx. Width = 0.6mm, Approx. Length = 3.5m.  
Distance from w8 = 0.2m, Height from Floor = 1.5m.

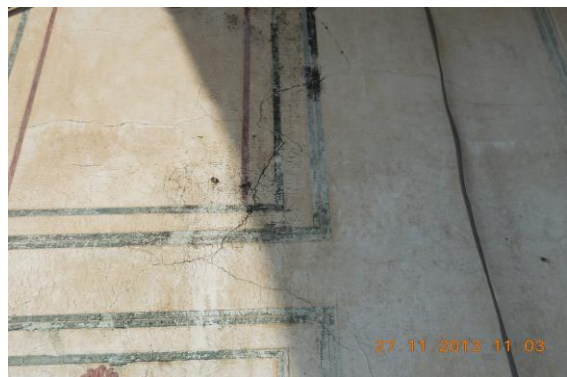


Photo 23

Inclined Crack on Wall No. 1 of Gate Temple, First Floor, Approx. Width = 0.35mm, Approx. Length = 3m.  
Distance from w8 = 0.4m, Height from Floor = 2m.

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Photo 24

Inclined Crack on Wall No. 4 of Open Area, First Floor, Approx. Width = 2.5mm, Approx. Length = 2m.  
Distance from Wall No. 2 = 2.5m, Height from Floor = 1m.



Photo 24A

Inclined Crack on Wall No. 4 of Open Area, First Floor, Approx. Width = 2.5mm, Approx. Length = 2m.  
Distance from Wall No. 2 = 2.5m, Height from Floor = 1m.



Photo 25

Inclined Crack on Wall No. 9 of Open Area, First Floor, Approx. Width = 2.5mm, Approx. Length = 1.3m.  
Distance from Wall No. 12 = 2m, Height from Floor = 1.9m.



Photo 25A

Inclined Crack on Wall No. 9 of Open Area, First Floor, Approx. Width = 2.5mm, Approx. Length = 1.3m.  
Distance from Wall No. 12 = 2m, Height from Floor = 1.9m.



Photo 26

Vertical Crack on Wall No. 13 of Open Area, First Floor, Approx. Width = 9mm, Approx. Length = 3m.  
Distance from Wall No. 9 = 0.25m, Height from Floor = 0m.



Photo 26A

Vertical Crack on Wall No. 13 of Open Area, First Floor, Approx. Width = 9mm, Approx. Length = 3m.  
Distance from Wall No. 9 = 0.25m, Height from Floor = 0m.



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Photo 27

Inclined Crack on Wall No. 9 of Open Area, First Floor, Approx. Width = 0.5mm, Approx. Length = 2.2m.  
Distance from Wall No. 10 = 2.1m, Height from Floor = 1.9m.



Photo 27A

Inclined Crack on Wall No. 9 of Open Area, First Floor, Approx. Width = 0.5mm, Approx. Length = 2.2m.  
Distance from Wall No. 10 = 2.1m, Height from Floor = 1.9m.



Photo 28

Horizontal Crack on Floor of Varanda, First Floor, Approx. Width = 8mm, Approx. Length = 0.35m.  
Distance from Wall No. 1 = 1.5m, Height from Floor = 0m.



Photo 28A

Horizontal Crack on Floor of Varanda, First Floor, Approx. Width = 8mm, Approx. Length = 0.35m.  
Distance from Wall No. 1 = 1.5m, Height from Floor = 0m.



Photo 29

Inclined Crack on Wall No. 4 of Passage 2, First Floor, Approx. Width = 0.35mm, Approx. Length = 3m.  
Distance from Wall No. 4 = 0m, Height from Floor = 1.7m.



Photo 30

Horizontal Crack on Roof of Passage 2, First Floor, Approx. Width = 0.35mm, Approx. Length = 6m.  
Distance from Wall No. 3 = 0m, Height from Floor = 2.5m.



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Photo 31

Inclined Crack on Wall No. 2 of Passage 2, First Floor, Approx. Width = 12mm, Approx. Length = 1.2m.  
Distance from Wall No. 3 = 0.4m, Height from Floor = 0m.



Photo 31A

Inclined Crack on Wall No. 2 of Passage 2, First Floor, Approx. Width = 12mm, Approx. Length = 1.2m.  
Distance from Wall No. 3 = 0.4m, Height from Floor = 0m.



Photo 32

Inclined Crack on Wall No. 1 of Stair 4, First Floor, Approx. Width = 2mm, Approx. Length = 1.7m.  
Distance from Wall No. 3 = 0.2m, Height from Floor = 0m.



Photo 32A

Inclined Crack on Wall No. 1 of Stair 4, First Floor, Approx. Width = 2mm, Approx. Length = 1.7m.  
Distance from Wall No. 3 = 0.2m, Height from Floor = 0m.



Photo 33

Vertical Crack on Wall No. 2 of Room No. 1, Second Floor, Approx. Width = 0.8mm, Approx. Length = 2.2m.  
Distance from Wall No. 2 = 1.2m, Height from Floor = 0m.

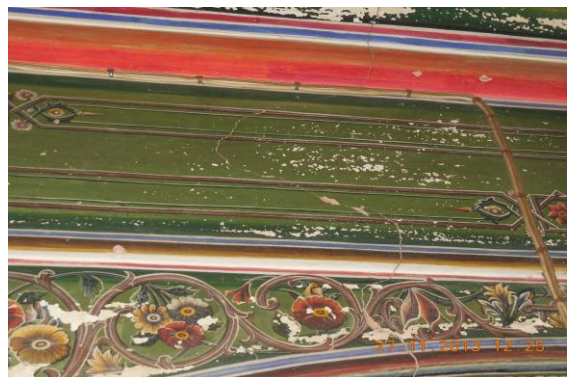


Photo 34

Inclined Crack on Wall No. 4 of Room No. 2, Ground Floor, Approx. Width = 1mm, Approx. Length = 1.7m.  
Distance from Wall No. 1 = 1.5m, Height from Floor = 2.1m.

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Photo 35

Inclined Crack on Wall No. 4 of Room No. 2, Ground Floor, Approx.  
Width = 1.5mm, Approx. Length = 5.5m.  
Distance from Wall No. 2 = 0.3m, Height from Floor = 0.6m.



Photo 35A

Inclined Crack on Wall No. 4 of Room No. 2, Ground Floor, Approx.  
Width = 1.5mm, Approx. Length = 5.5m.  
Distance from Wall No. 2 = 0.3m, Height from Floor = 0.6m.



Photo 35A

Inclined Crack on Wall No. 4 of Room No. 2, Ground Floor, Approx.  
Width = 1.5mm, Approx. Length = 5.5m.  
Distance from Wall No. 2 = 0.3m, Height from Floor = 0.6m.



Photo 36

Inclined Crack on Wall No. 3 of Room No. 2, Ground Floor, Approx.  
Width = 1mm, Approx. Length = 1m.  
Distance from Wall No. 1 = 1.3m, Height from Floor = 2.1m.



Photo 37

Inclined Crack on Left Side Of Building, External Façade, Approx.  
Width = 2.5mm, Approx. Length = 2.5m.  
Distance from Wall No. 2 = 3.5m, Height from Floor = 4m.



Photo 38

Inclined Crack on External Façade, Approx. Width = 1mm, Approx.  
Length = 3m.  
Distance from Wall No. 2 = 4.5m, Height from Floor = 2m.



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Photo 39

Inclined Crack on External Façade, Approx. Width = 2.5mm, Approx. Length = 2m.

Distance from Wall No. 1 = 6m, Height from Floor = 2m.



Photo 40

Inclined Crack on External Façade, Approx. Width = 2.5mm, Approx. Length = 3m.

Distance from Wall No. 1 = 1m, Height from Floor = 5m.



Photo 41

Inclined Crack on External Façade, Approx. Width = 3mm, Approx. Length = 2m.

Distance from Wall No. 1 = 2m, Height from Floor = 7m.



Photo 42

Inclined Crack on External Façade, Approx. Width = 5mm, Approx. Length = 2.5m.

Distance from Wall No. 1 = 2m, Height from Floor = 2m.



Photo 43

Tiles removal Wall No.2 of Shop No.354 of Ground Floor



Photo 44

Tiles removal Wall No. 4 of Shop No.354 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 45  
Peeling of Plaster on Roof of Shop No.354 of Ground Floor



Photo 46  
Peeling of Plaster on Entry Gate of Part C of Leftside Wall Part C of Shop No.350 of Ground Floor



Photo 47  
Peeling of Plaster on Wall No. 3 of Part A of Shop No.350 of Ground Floor



Photo 48  
Dampness/Seepage on Roof of Varanda of Shop No.350 of Ground Floor



Photo 49  
Peeling of Plaster on Entry Gate Roof of Part A of Shop No.351 of Ground Floor



Photo 50  
Damaged Portion on Entry Gate Wall a of Left Side Part A of Shop No.351 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 51

Damaged Portion on Entry Gate Wall B of Left Side Part A of Shop No.351 of Ground Floor



Photo 52

Peeling of Plaster on Roof of Part A of Shop No.351 of Ground Floor



Photo 53

Dampness/Seepage on Wall No. 4 & Roof of Part A of Shop No.351 of Ground Floor



Photo 54

Peeling of Plaster on Wall No. 3 of Part A of Shop No.351 of Ground Floor

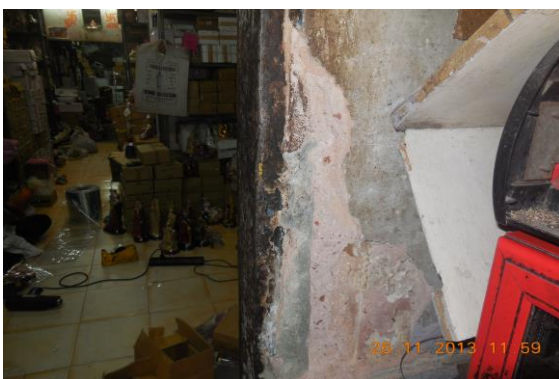


Photo 55

Peeling of Plaster on Wall No. 4 of Part A of Shop No.351 of Ground Floor



Photo 56

Dampness/Seepage on Roof of Part B of Shop No.351 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 57

Dampness/Seepage on Roof of Part C of Shop No.351 of Ground Floor



Photo 58

Damaged Portion on Wall No. 3 of Part D of Shop No.351 of Ground Floor



Photo 59

Damaged Portion on Roof of Part D of Shop No.351 of Ground Floor



Photo 60

Dampness/Seepage on Roof of Varanda of Shop No.351 of Ground Floor



Photo 61

Peeling of Plaster on Wall No. 1 of Varanda of Shop No.351 of Ground Floor



Photo 62

Damaged Portion on Wall No. 1 of Entrance of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 63  
Damaged Portion on Wall No. 2 of Entrance of First Floor



Photo 64  
Peeling of Plaster on Wall No. 3 of Entrance Open Area of First Floor



Photo 65  
Damaged Portion on Wall No. 3 of Entrance Open Area of First Floor



Photo 66  
Damaged Portion on Wall No. 3 of Entrance Open Area of First Floor



Photo 67  
Damaged Portion on Wall No. 3 of Entrance Open Area of First Floor



Photo 68  
Damaged Portion on Wall No. 5 of Entrance Open Area of First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 69  
Damaged Portion on Wall No. 1 of Open Area of First Floor



Photo 70  
Dampness/Seepage on Roof of Office 1 of First Floor



Photo 71  
Peeling of Plaster on Wall No. 4 of Store 1 of First Floor



Photo 72  
Dampness/Seepage on Roof Office 1 of First Floor



Photo 73  
Damaged Portion on Wall No. 8 of Open Area of First Floor



Photo 74  
Damaged Portion on Wall No. 8 of Open Area of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 75  
Damaged Portion on Wall No. 1 of Gate Temple of First Floor



Photo 76  
Damaged Portion on Roof of Varandah Temple Gate 2 of First Floor



Photo 77  
Damaged Portion on Roof of Varandah Temple Gate 3 of First Floor



Photo 78  
Damaged Portion on Roof of Varandah Temple Gate 4 of First Floor



Photo 79  
Damaged Portion on Roof of Varandah Temple Gate 4 of First Floor



Photo 80  
Damaged Portion on Wall No. 4 of Open Area of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 81

Damaged Portion on Wall No. 4 of Open Area of First Floor



Photo 82

Damaged Portion on Wall No. 2 of Open Area of First Floor



Photo 83

Damaged Portion on Gumbad 2 of First Floor



Photo 84

Peeling of Plaster on Wall No. 9 of Open Area of First Floor



Photo 85

Damaged Portion on Stair Terrace of First Floor



Photo 86

Damaged Portion on Roof of Varanda of First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 87  
Damaged Portion on Roof of Varanda of First Floor



Photo 88  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Photo 89  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Photo 90  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Photo 91  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Photo 92  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 93  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Photo 94  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Photo 95  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Photo 96  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Photo 97  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Photo 98  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 99  
Plaster Crack on Wall No. 1, 4 & Roof of Varanda of First Floor



Photo 100  
Damaged Portion on Wall No. 2 of Varanda 1 of First Floor



Photo 101  
Peeling of Plaster on Wall No. 4 of Varanda 1 of First Floor



Photo 102  
Peeling of Plaster on Floor of Room No. 1 of First Floor



Photo 103  
Peeling of Plaster on Roof of Stair 2 of First Floor



Photo 104  
Peeling of Plaster on Floor of Passage 1 of First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 105

Dampness/Seepage on Wall No. 1, 4 & Roof of Passage 1 of First Floor



Photo 106

Peeling of Plaster on Wall No. 4 of Passage 2 of First Floor



Photo 107

Peeling of Plaster on Floor of Passage 2 of First Floor



Photo 108

Dampness/Seepage on Wall No. 2 of Passage 2 of First Floor



Photo 109

Peeling of Plaster on Roof of Passage 2 of First Floor



Photo 110

Peeling of Plaster on Outer Wall 3 of Passage 2 of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 111  
Damaged Portion on Floor of Varandah Wall No. 1 of First Floor



Photo 112  
Damaged Portion on Floor of Room No. 2 of First Floor



Photo 113  
Peeling of Plaster on Wall No. 1 of Room No. 2 of First Floor



Photo 114  
Peeling of Plaster on Wall No. 4 of Room No. 2 of First Floor



Photo 115  
Peeling of Plaster on Wall No. 2 of Room No. 2 of First Floor



Photo 116  
Peeling of Plaster on Roof of Room No. 2 of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 117  
Peeling of Plaster on Floor of Room No. 3 of First Floor



Photo 118  
Dampness/Seepage on Wall No. 2 & 4 of Bathroom 1 of First Floor



Photo 119  
Peeling of Plaster on Roof of Bathroom 1 of First Floor



Photo 120  
Peeling of Plaster on Roof of Room No. 3 of First Floor



Photo 121  
Damaged Portion on Roof of Room No. 3 of First Floor



Photo 122  
Damaged Portion on Wall No. 4 of Room No. 3 of First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 123

Dampness/Seepage on Wall No. 3 & Roof of Kitchen 1 of First Floor



Photo 124

Dampness/Seepage on Wall No. 4 & Roof of Kitchen 1 of First Floor



Photo 125

Peeling of Plaster on Wall No. 2 of Kitchen 1 of First Floor



Photo 126

Peeling of Plaster on Wall No. 2 of Kitchen 1 of First Floor



Photo 127

Dampness/Seepage on Roof of Stair 4 of First Floor



Photo 128

Dampness/Seepage on Wall No. 2 of Stair 4 of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 129

Dampness/Seepage on Wall No. 4 of Room No. 1 of Second Floor



Photo 130

Dampness/Seepage on Wall No. 1 of Room No. 1 of Second Floor



Photo 131

Dampness/Seepage on Wall No. 2 of Room No. 1 of Second Floor



Photo 132

Damaged Portion on Wall No. 2 of Stair 3 of Second Floor



Photo 133

Damaged Portion on Wall No. 1 of Stair 3 of Second Floor



Photo 134

Damaged Portion on Wall No. 3 of Stair 3 of Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 135  
Peeling of Plaster on Wall No. 4 of Stair 3 of Second Floor



Photo 136  
Dampness/Seepage on Roof of Room No. 1 of Second Floor



Photo 137  
Peeling of Plaster on Floor of Room No. 1 of Second Floor



Photo 138  
Peeling of Plaster on Wall No. 1 of Room No. 2 of Second Floor



Photo 139  
Dampness/Seepage on Wall No. 1 & Roof of Room No. 2 of Second Floor



Photo 140  
Damaged Portion on Wall No. 1 of Room No. 2 of Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 141

Peeling of Plaster on Wall No. 4 & Roof of Room No. 2 of Second Floor



Photo 142

Peeling of Plaster on Floor of Room No. 2 of Second Floor



Photo 143

Damaged Portion on Wall No. 1 of Stair 4 of Second Floor



Photo 144

Damaged Portion on Wall No. 2 of Stair 4 of Second Floor



Photo 145

Damaged Portion on Roof of Stair 4 of Second Floor



Photo 146

Damaged Portion on Floor of Terrace of Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 147  
Damaged Portion on Floor of Terrace of Second Floor



Photo 148  
Damaged Portion on Wall No. 2 of Stair Gf To Ff of Ground Floor



Photo 149  
Peeling of Plaster on Wall No. 1 of Room No. 1 of Ground Floor



Photo 150  
Peeling of Plaster on Wall No. 1 of Room No. 2 of Ground Floor



Photo 151  
Damaged Portion on Floor of Room No. 2 of Ground Floor



Photo 152  
Dampness/Seepage on Wall No. 2 of Room No. 2 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 153  
Peeling of Plaster on Wall No. 1 of Varanda 2 of Ground Floor



Photo 154  
Damaged Portion on Roof of Varanda 2 of Ground Floor



Photo 155  
Damaged Portion on Roof of Varanda 2 of Ground Floor



Photo 156  
Damaged Portion on Roof of Varanda 2 of Ground Floor



Photo 157  
Damaged Portion on Roof of Varanda 1 of Ground Floor



Photo 158  
Damaged Portion on Roof of Varanda 1 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 159

Damaged Portion on Wall No. 2, 3 & 4 of Varanda 2 of Ground Floor



Photo 160

Damaged Portion on Wall No. 2, 3 & 4 of Varanda 2 of Ground Floor



Photo 161

Damaged Portion on Wall No. 2, 3 & 4 of Varanda 2 of Ground Floor



Photo 162

Damaged Portion on Wall No. 2, 3 & 4 of Varanda 2 of Ground Floor



Photo 163

Damaged Portion on Wall No. 2, 3 & 4 of Varanda 2 of Ground Floor



Photo 164

Damaged Portion on Wall No. 2, 3 & 4 of Varanda 2 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 165

Damaged Portion on All Walls of Varanda of Ground Floor

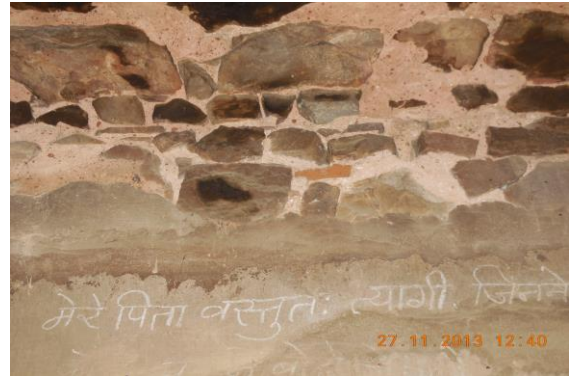


Photo 166

Damaged Portion on All Walls of Varanda of Ground Floor



Photo 167

Damaged Portion on All Walls of Varanda of Ground Floor



Photo 168

Damaged Portion on All Walls of Varanda of Ground Floor



Photo 169

Damaged Portion on All Walls of Varanda of Ground Floor



Photo 170

Damaged Portion on All Walls of Varanda of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 171  
Damaged Portion on Floor of Varanda 1 of Ground Floor



Photo 172  
Damaged Portion on Floor of Varanda 2 of Ground Floor



Photo 173  
Dampness/Seepage on Wall No. 1 of Hall No. 1 of Ground Floor



Photo 174  
Dampness/Seepage on Wall No. 2 & Roof of Hall No. 1 of Ground Floor



Photo 175  
Damaged Portion on Floor of Hall No. 1 of Ground Floor



Photo 176  
Damaged Portion on Floor of Hall No. 1 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 177  
Damaged Portion on External Façade



Photo 178  
Damaged Portion on Wall No. 1 of External Façade



Photo 179  
Damaged Portion on Wall No. 1 of External Façade



Photo 180  
Damaged Portion on Wall No. 1 of External Façade



Photo 181  
Wall No. 1 of Shop No.354 of Ground Floor Covered With Tiles & Wooden



Photo 182  
Wall No. 2 of Shop No.354 of Ground Floor Covered With Tiles & Wooden

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 183

Wall No. 1, 2 & 4 of Part D of Shop No.350 of Ground Floor Covered With Material & Wooden Work



Photo 184

Roof of Part D of Shop No.350 of Ground Floor Covered With Falls Ceiling



Photo 185

Wall No. 1 of Part C of Shop No.350 of Ground Floor Covered With Wooden Almira



Photo 186

Wall No. 2 of Part C of Shop No.350 of Ground Floor Covered With Wooden Almira



Photo 187

Roof of Part C of Shop No.350 of Ground Floor Covered



Photo 188

Wall No. 1 of Part B of Shop No.350 of Ground Floor Covered With Almira



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 189

Wall No. 2 of Part B of Shop No.350 of Ground Floor Covered With Almira



Photo 190

Wall No. 1 of Part A of Shop No.350 of Ground Floor Covered With Wooden Work



Photo 191

Wall No. 2 of Part A of Shop No.350 of Ground Floor Covered With Wooden Work



Photo 192

Wall No. 2 of Part A of Shop No.351 of Ground Floor Covered With Material



Photo 193

Wall No. 1 & 2 of Part B of Shop No.351 of Ground Floor Covered With Material



Photo 194

Wall No. 1 of Part D of Shop No.351 of Ground Floor Covered With Material

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 195

Wall No. 2 of Part D of Shop No.351 of Ground Floor Covered With Material



Photo 196

Wall No. 4 of Part D of Shop No.351 of Ground Floor Covered With Material



Photo 197

Wall No. 4 of Office 1 of First Floor Covered with Material



Photo 198

Office 2 of First Floor Locked



Photo 199

Tinsed 1 of First Floor Locked

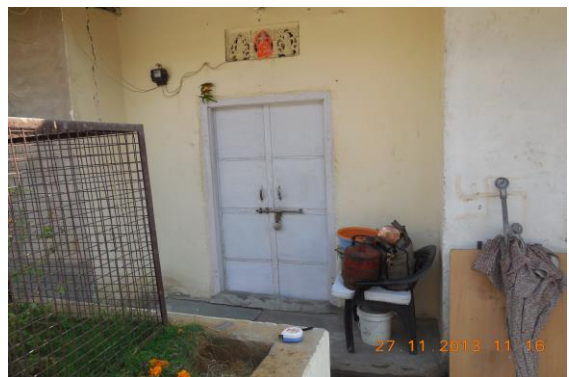


Photo 200

Tiin Shed 2 of First Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 201  
Tinshed 3 of First Floor Locked



Photo 202  
Shop 1 & 2 of First Floor Locked



Photo 203  
Office 3 of First Floor Locked



Photo 204  
Wall No. 1 of Room No. 1 of First Floor Covered With Almira

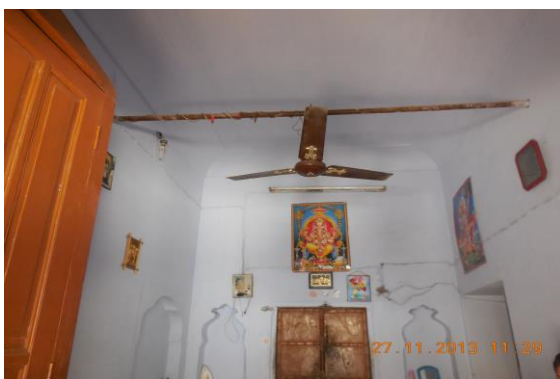


Photo 205  
Wall No. 1 & Roof of Room No. 1 of First Floor Covered with Material



Photo 206  
Wall No. 2 of Room No. 1 of First Floor Covered with Material

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 207

Wall No. 1 of Passage 2 of First Floor Covered with Material



Photo 208

Wall No. 3 of Room No. 3 of First Floor Covered With Almira



Photo 209

Wall No. 4 of Room No. 3 of First Floor Covered With Almira



Photo 210

Room No. 3 of Ground Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No. 345-349 and house above  
Ramganj Bazaar  
Jaipur  
Unique ID: BC RA UP 0005

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0005/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/11/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 2 floors. The structure was constructed in year 1913 and is 100 years old.

There are 17 defects in the structure out of which 5 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category I (Very Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	5	100%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.44mm and average length of cracks is 1.36m. The maximum crack width is 0.6mm and minimum width is 0.15mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0005-349	Wind Palace Arts & Crafts.		
BC-RA/UP/0005-348	Balajji Trading Co.		
BC-RA/UP/0005-347	Ramchndra Chokria		
BC-RA/UP/0005-346	Kanji Lal mohammad		
BC-RA/UP/0005-345	Dhamani & Sons.		
BC-RA/UP/0005-FF-SF			

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No. 345-349 and house above
2	Building Address	Shop No. 345-349 and house above Ramganj Bazaar Jaipur
3	Year of Construction	1913
4	Number of Floors	G+1
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	6m
8	Approximate Area	Not Known
9	Age of Building	100 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Wall No. 3 Part B of Shop no.349 Ground Floor	Horizontal	0.6	2.3	Very Slight	4
2	Outer Wall & Leftside External Wall Varanda of Shop no.349 Ground Floor	Inclined	0.35	1.3	Very Slight	5
3	Outer Wall & Rightside External Wall Varanda of Shop no.349 Ground Floor	Inclined	0.6	0.5	Very Slight	6
4	Roof Varanda of Shop No.346 Ground Floor	Horizontal	0.5	1	Very Slight	7
5	Roof Varanda of Shop No.346 Ground Floor	Horizontal	0.15	1.7	Very Slight	8

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
6	Wall No. 1 & Roof Part B of Shop no.349 Ground Floor	Dampness/Seepage	9
7	Wall No. 3 Part B of Shop no.349 Ground Floor	Peeling of Plaster	10
8	Roof Part A of Shop no.349 Ground Floor	Dampness/Seepage	11
9	Wall No. 4 Part A of Shop no.349 Ground Floor	Peeling of Plaster	12
10	Roof Part A of Shop no.349 Ground Floor	Dampness/Seepage	13
11	Roof Varanda of Shop No.346 Ground Floor	Damaged Portion	14
12	Rightside External Beam Varanda of Shop No.346 Ground Floor	Damaged Portion	15
13	Rightside internal Beam Varanda of Shop No.346 Ground Floor	Damaged Portion	16
14	External Beam & Rightside External Column Varanda of Shop No.345 Ground Floor	Peeling of Plaster	17
15	Outer Wall & Rightside Column Varanda of Shop No.345 Ground Floor	Damaged Portion	18
16	Rightside Wall Varanda of Shop No.345 Ground Floor	Damaged Portion	19
17	Floor Varanda of Shop No.345 Ground Floor	Damaged Portion	20

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Shop No.347 Ground Floor	View of Shop No.347	21
2	All Walls & Roof Shop No.346 Ground Floor	Covered With Material	22
3	All Walls Shop No.345 Ground Floor	Covered With Materials	23
4	All Walls Shop No.345 Ground Floor	Covered With Wooden Racks & Materials	24

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
View of Shop No.346



Photo 2  
View of Shop No.349, Ground Floor



Photo 3  
View of Shop No.345, Ground Floor



Photo 4  
Horizontal Crack on Wall No. 3 of Part B of Shop no.349, Ground Floor  
Approx. Width = 0.6mm, Approx. Length = 2.3m. Distance from Wall no.2 = 0m, Height from Floor = 3m.



Photo 5  
Inclined Crack on Outer Wall & Leftside External Wall of Varanda of Shop no.349, Ground Floor Approx. Width = 0.35mm, Approx. Length = 1.3m. Distance from Leftside External Column = 0m, Height from Floor = 2.8m



Photo 6  
Inclined Crack on Outer Wall & Rightside External Wall of Varanda of Shop no.349, Ground Floor Approx. Width = 0.6mm, Approx. Length = 0.5m. Distance from Rightside External Column = 0m, Height from Floor = 3m



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7

Horizontal Crack on Roof of Varanda of Shop No. 346, Ground Floor  
Approx. Width = 0.5mm, Approx. Length = 1m. Distance from Leftside  
External Column = 0.5m, Height from Floor = 3m.



Photo 8

Horizontal Crack on Roof of Varanda of Shop No. 346, Ground Floor  
Approx. Width = 0.15mm, Approx. Length = 1.7m. Distance from  
Rightside External Column = 1.3m, Height from Floor = 3m.



Photo 9

Dampness/Seepage on Wall No. 1 & Roof of Part B of Shop no. 349 of  
Ground Floor



Photo 10

Peeling of Plaster on Wall No. 3 of Part B of Shop no. 349 of Ground  
Floor



Photo 11

Dampness/Seepage on Roof of Part A of Shop no. 349 of Ground Floor



Photo 12

Peeling of Plaster on Wall No. 4 of Part A of Shop no. 349 of Ground  
Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Dampness/Seepage on Roof of Part A of Shop no.349 of Ground Floor



Photo 14

Damaged Portion on Roof of Varanda of Shop No.346 of Ground Floor



Photo 15

Damaged Portion on Rightside External Beam of Varanda of Shop No.346 of Ground Floor



Photo 16

Damaged Portion on Rightside internal Beam of Varanda of Shop No.346 of Ground Floor



Photo 17

Peeling of Plaster on External Beam & Rightside External Column of Varanda of Shop No.345 of Ground Floor



Photo 18

Damaged Portion on Outer Wall & Rightside Column of Varanda of Shop No.345 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19

Damaged Portion on Rightside Wall of Varanda of Shop No.345 of Ground Floor



Photo 20

Damaged Portion on Floor of Varanda of Shop No.345 of Ground Floor



Photo 21

Shop No.347 of Ground Floor View of Shop No.347



Photo 22

All Walls & Roof of Shop No.346 of Ground Floor Covered With Material



Photo 23

All Walls of Shop No.345 of Ground Floor Covered With Materials



Photo 24

All Walls of Shop No.345 of Ground Floor Covered With Wooden Racks & Materials

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No. 1LS - 7LS & 1 RS to 8 RS  
Ramganj Bazaar  
Jaipur  
Unique ID: bc ra up 0006

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0006/01, Rev. 00, Dated: December 2013

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	20/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Single Story Load Bearing Structure . The structure was constructed in year 1813 and is 200 years old.

There are 9 defects in the structure out of which 1 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category I (Very Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	1	100%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.6mm and average length of cracks is 1.1m. The maximum crack width is 0.6mm and minimum width is 0.6mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0006-1LS	K.L. Hair Dresses		
BC-RA/UP/0006-2LS	G.G. Jewellers		
BC-RA/UP/0006-3LS	P.V. Jewellers		
BC-RA/UP/0006-4LS	Yash Sweet Caterers		
BC-RA/UP/0006-5LS	Kanhaiya Lal Girdhari Lal Soni		
BC-RA/UP/0006-6LS	Divya Bartan Bhandar		
BC-RA/UP/0006-7LS	Amit Bartan Agency		
BC-RA/UP/0006-8RS	Lakshmi Textiles		
BC-RA/UP/0006-7RS	Rajratan Jewellers		
BC-RA/UP/0006-6RS	Naaz Textiles		
BC-RA/UP/0006-4RS	Bhartiya Dresses		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

BC-RA/UP/0006-3RS	R.S. Textiles		
BC-RA/UP/0006-2RS	Amar Bartan Store		

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No. 1LS - 7LS & 1 RS to 8 RS
2	Building Address	Shop No. 1LS - 7LS & 1 RS to 8 RS Ramganj Bazaar Jaipur
3	Year of Construction	1813
4	Number of Floors	G
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	3m
8	Approximate Area	Not Known
9	Age of Building	200 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof Shop No.213 Ground floor	Inclined	0.6	1.1	Very Slight	16

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
2	Left side Wall Outside Shop No.217, Ground floor	Damaged Portion	17
3	Right side Wall Outside Shop No.217, Ground floor	Damaged Portion	18
4	Left side Wall Outside Shop No.214, Ground floor	Damaged Portion	19
5	Roof Shop No.213 Ground floor	Dampness/Seepage	20
6	Right side Wall Outside Shop No.213, Ground floor	Damaged Portion	21
7	Left side Wall Outside Shop No.212, Ground floor	Damaged Portion	22
8	Right side Wall Outside Shop No.212, Ground floor	Damaged Portion	23
9	Left side Wall Outside Shop No.210, Ground floor	Damaged Portion	24

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All walls Shop No.217 Ground floor	Covered with Mirror & wooden work	25
2	All walls Shop No.215 Ground floor	Covered with wooden work	26
3	All walls Shop No.213 Ground floor	Covered with material	27
4	All walls & Roof Shop No.211 Ground floor	Covered With wooden & Material	28
5	All walls Shop No.210 Ground floor	Covered with Material	29
6	All walls Luxmi Textiles Ground floor	Covered with Material & Wooden racks	30
7	All walls Luxmi Textiles Upper Ground Floor	Covered with Material & Wooden racks	31
8	All walls Raj Ratan Jewellers Ground floor	Covered With Wooden Racks & Falls Ceiling	32
9	All walls Raj Ratan Jewellers Upper Ground Floor	Covered With Wooden Racks & Falls Ceiling	33
10	All walls Naaz Textiles Ground floor	Covered with Material	34
11	Raja Garments Ground floor	Covered with Material & Wooden racks	35
12	R.S.Textiles Ground floor	Covered with Material	36
13	All walls Amar Bartan Store Ground floor	Covered with Material & Wooden racks	37



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
View of Shop



Photo 2  
View of shop S.G.Jewellers, Ground floor



Photo 3  
View of shop P.N.Jewellers, Ground floor



Photo 4  
View of shop, Ground floor



Photo 5  
View of shop Yash Sweet, Ground floor



Photo 6  
View of Shop Kanahiya Lal Girdhari lal, Ground floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
View of Shop , Ground floor



Photo 8  
View of Shop divya Bartan store, Ground floor



Photo 9  
View of Shop Amit Bartan store, Ground floor



Photo 10  
View of Shop Luxmi Textiles, Ground floor



Photo 11  
View of shop RajRatan Jewellers, Ground floor



Photo 12  
View of Shop Naaz Textiles, Ground floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13  
View of shop Raja Garments, Ground floor



Photo 14  
View of Shop R.S.Textiles, Ground floor



Photo 15  
View of Shop Amar Bartan Store, Ground floor



Photo 16  
Inclined Crack on Roof of Shop No.213, Ground floor  
Approx. Width = 0.6mm, Approx. Length = 1.1m.  
Distance from Wall No.2 = 1m, Height from Floor = 2.8m.



Photo 17  
Damaged Portion on Left side Wall of Outside of Shop No.217, Ground floor



Photo 18  
Damaged Portion on Right side Wall of Outside of Shop No.217, Ground floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19

Damaged Portion on Left side Wall of Outside of Shop No.214, Ground floor



Photo 20

Dampness/Seepage on Roof of Shop No.213 of Ground floor



Photo 21

Damaged Portion on Right side Wall of Outside of Shop No.213, Ground floor



Photo 22

Damaged Portion on Left side Wall of Outside of Shop No.212, Ground floor



Photo 23

Damaged Portion on Right side Wall of Outside of Shop No.212, Ground floor

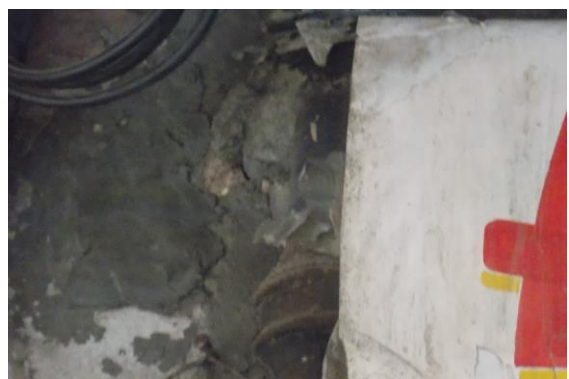


Photo 24

Damaged Portion on Left side Wall of Outside of Shop No.210, Ground floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 25

All walls of Shop No.217 of Ground floor Covered with Mirror & wooden work



Photo 26

All walls of Shop No.215 of Ground floor Covered with wooden work



Photo 27

All walls of Shop No.213 of Ground floor Covered with material



Photo 28

All walls & Roof of Shop No.211 of Ground floor Covered With wooden & Material



Photo 29

All walls of Shop No.210 of Ground floor Covered with Material

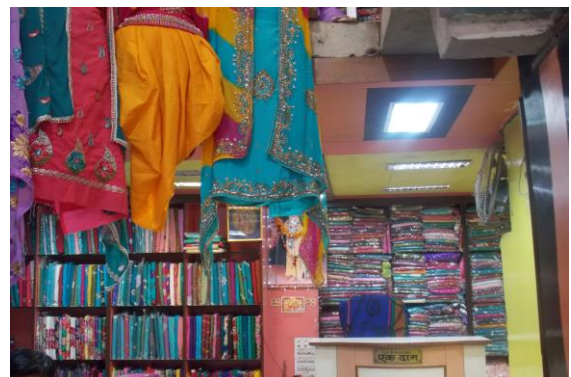


Photo 30

All walls of Luxmi Textiles of Ground floor Covered with Material & Wooden racks



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 31

All walls of Luxmi Textiles of Upper Ground Floor Covered with Material & Wooden racks



Photo 32

All walls of Raj Ratan Jewellers of Ground floor Covered With Wooden Racks & Falls Ceiling



Photo 33

All walls of Raj Ratan Jewellers of Upper Ground Floor Covered With Wooden Racks & Falls Ceiling



Photo 34

All walls of Naaz Textiles of Ground floor Covered with Material

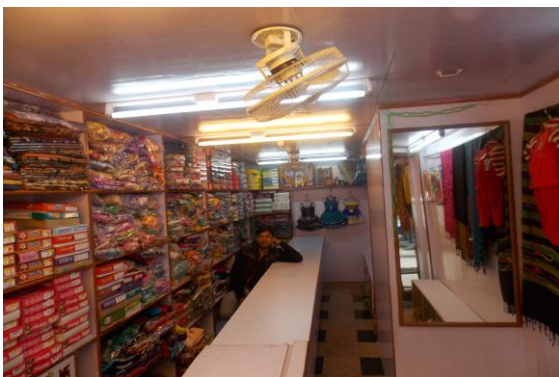


Photo 35

Raja Garments of Ground floor Covered with Material & Wooden racks



Photo 36

R.S. Textiles of Ground floor Covered with Material



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 37

All walls of Amar Bartan Store of Ground floor Covered with Material & Wooden racks

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 1902 & Shop No. 339-343  
Ramganj Market  
Jaipur  
Unique ID: BC RA DN 0007

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0007/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/11/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1813 and is 200 years old.

There are 186 defects in the structure out of which 25 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	18	72%
Slight (1 to 5mm)	7	28%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.67mm and average length of cracks is 1.68m. The maximum crack width is 2.5mm and minimum width is 0.1mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0007-343	Jaipuri Fancy Nagra Store		
BC-RA/UP/0007-342A	Firozabad Bangles Store		
BC-RA/UP/0007-342B	Bharat Gun House		
BC-RA/UP/0007-341	Firozabad Chudi Bhandar		
BC-RA/UP/0007-340	Azimudddin Sons & Jewellers		
BC-RA/UP/0007-339	Azimudddin & Sons Jewellers		
BC-RA/UP/0007-FF			



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 1902 and Shop No. 339-343
2	Building Address	Shop No. 339-343 and House above Ramganj Market Jaipur
3	Year of Construction	1813
4	Number of Floors	G+2
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	200 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Rightside External Column Varanda of Shop No.343 Ground Floor	Inclined	0.6	1.15	Very Slight	12
2	Rightside External Column Varanda of Shop No.343 Ground Floor	Inclined	1	3.15	Slight	13
3	External Beam Varanda of Shop No.343A Ground Floor	Inclined	0.35	1.1	Very Slight	14
4	Outer Wall, 3 & Roof Varanda of Shop No.343A Ground Floor	Inclined	1.5	3	Slight	15
5	Roof Varanda of Shop no.342B Ground Floor	Horizontal	0.5	2.3	Very Slight	16
6	Roof Varanda of Shop no.342B Ground Floor	Horizontal	1.5	2	Slight	17
7	Rightside External Column Varanda of Shop no.342B Ground Floor	Inclined	0.25	1.3	Very Slight	18
8	Wall No. 4 Part B of Shop No.342 B Ground Floor	Inclined	2.5	1.5	Slight	19
9	Roof Part A of Shop No.342 B Ground Floor	Inclined	0.5	2.2	Very Slight	20
10	Wall No. 2 Part A of Shop No.342 B Ground Floor	Inclined	0.25	0.4	Very Slight	21
11	Roof Varanda of Shop No.341 Ground Floor	Horizontal	1	2	Slight	22
12	Wall No. 4 Shop No.341 M.S.Floor	Horizontal	0.4	0.6	Very Slight	23, 23A
13	Wall No. 4 & Roof Shop No.341 M.S.Floor	Horizontal	0.3	0.8	Very Slight	24, 24A
14	Roof Shop No.341 M.S.Floor	Horizontal	0.3	0.4	Very Slight	25, 25A
15	Wall No. Roof Beam Shop No.341 M.S.Floor	Horizontal	0.3	2.3	Very Slight	26, 26A
16	Wall No. 4 Varanda of Shop No.340 Ground Floor	Horizontal	0.15	1.1	Very Slight	27
17	Roof Varanda of Shop No.340 Ground Floor	Horizontal	0.15	2	Very Slight	28
18	Roof Part A of Shop No.340 Ground Floor	Horizontal	1	2	Slight	29
19	Wall No. 1 Part A of Shop No.340 Ground Floor	Inclined	0.2	0.7	Very Slight	30, 30A
20	Wall No. 2 Room No. 1 House No. 1902, Second Floor	Inclined	0.8	2.1	Very Slight	31, 31A
21	Wall No. 2 Room No. 1 House No. 1902, Second Floor	Inclined	0.5	0.7	Very Slight	32, 32A
22	Floor Room No. 1 House No. 1902, Second Floor	Horizontal	1.5	1.7	Slight	33, 33A
23	Roof Varanda House No. 1902, Upper First Floor	Horizontal	0.35	2	Very Slight	34
24	Wall No. 4 Varanda 1 House No. 1902, Upper First Floor	Inclined	0.1	1.3	Very Slight	35
25	Wall No. 1 Room No. 1 House No. 1902, Upper First Floor	Inclined	0.8	4.2	Very Slight	36, 36A

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
26	Outer Wall Varanda of Shop No.343 Ground Floor	Damaged Portion	37
27	Roof Part A of Shop No.343A Ground Floor	Peeling of Plaster	38
28	Wall No. 4 Part A of Shop No.343A Ground Floor	Peeling of Plaster	39
29	Wall No. 3, 4 & Roof Part B of Shop No.343A Ground Floor	Damaged Portion	40
30	Wall No. 3, 4 & Roof Part B of Shop No.343A Ground Floor	Damaged Portion	41
31	Wall No. 3, 4 & Roof Part B of Shop No.343A Ground Floor	Damaged Portion	42
32	Wall No. 4 Part C of Shop No.343A Ground Floor	Damaged Portion	43
33	Roof Part C of Shop No.343A Ground Floor	Damaged Portion	44

34	Wall No. 3 Part C of Shop No.343A Ground Floor	Damaged Portion	45
35	Wall No. 1 & 3 Part C of Shop No.343A Ground Floor	Peeling of Plaster	46
36	Wall No. 4 Part C of Shop No.343A Ground Floor	Peeling of Plaster	47
37	Roof Part B of Shop No.343A Ground Floor	Damaged Portion	48
38	Wall No. 1 Part A of Shop No.343A Ground Floor	Damaged Portion	49
39	External Beam Varanda of Shop no.342B Ground Floor	Damaged Portion	50
40	Floor Varanda of Shop no.342B Ground Floor	Damaged Portion	51
41	Roof Part C of Shop No.342 B Ground Floor	Damaged Portion	52
42	Wall No. 3 Part B of Shop No.342 B Ground Floor	Peeling of Plaster	53
43	Roof Part A of Shop No.342 B Ground Floor	Dampness/Seepage	54
44	Outer Wall No. 3 Varanda of Shop no.342B Ground Floor	Damaged Portion	55
45	External Beam Varanda of Shop No.341 Ground Floor	Dampness/Seepage	56
46	Roof Varanda of Shop No.341 Ground Floor	Peeling of Plaster	57
47	Wall No. 2 Shop No.341 Ground Floor	Dampness/Seepage	58
48	Floor Varanda of Shop No.341 Ground Floor	Peeling of Plaster	59
49	Staircase of Varanda Ground Floor	Damaged Portion	60
50	Wall No. 3 Part B of Shop No.340 Ground Floor	Peeling of Plaster	61
51	Wall No. 4 Part B of Shop No.340 Ground Floor	Peeling of Plaster	62
52	Wall No. 4 & Roof Part C of Shop No.340 Ground Floor	Dampness/Seepage	63
53	Wall No. 4 & Roof Part C of Shop No.340 Ground Floor	Dampness/Seepage	64
54	Wall No. 1 Passage 1 House No. 1902, Ground Floor	Peeling of Plaster	65
55	Wall No. 1 Passage 1 House No. 1902, Ground Floor	Peeling of Plaster	66
56	Wall No. 2 Passage 1 House No. 1902, Ground Floor	Peeling of Plaster	67
57	Wall No. 2 Passage 1 House No. 1902, Ground Floor	Peeling of Plaster	68
58	Wall No. 2 Passage 1 House No. 1902, Ground Floor	Peeling of Plaster	69
59	Roof Passage 1 House No. 1902, Ground Floor	Dampness/Seepage	70
60	Roof Passage 1 House No. 1902, Ground Floor	Dampness/Seepage	71
61	Roof Passage 1 House No. 1902, Ground Floor	Dampness/Seepage	72
62	Roof Passage 1 House No. 1902, Ground Floor	Dampness/Seepage	73
63	External wall No. 3 Store 1 House No. 1902, Ground Floor	Peeling of Plaster	74
64	Wall No. 3 Varanda House No. 1902, Ground Floor	Peeling of Plaster	75
65	Roof Varanda House No. 1902, Ground Floor	Peeling of Plaster	76
66	Wall No. 4 Varandah House No. 1902, Ground Floor	Peeling of Plaster	77
67	Wall No. 4 Varandah House No. 1902, Ground Floor	Peeling of Plaster	78
68	Roof Varanda House No. 1902, Ground Floor	Dampness/Seepage	79
69	Roof Varanda House No. 1902, Ground Floor	Dampness/Seepage	80
70	Wall No. 4 Varanda House No. 1902, Ground Floor	Dampness/Seepage	81
71	Wall No. 1 Varanda House No. 1902, Ground Floor	Peeling of Plaster	82
72	Wall No. 4 Bathroom House No. 1902, Ground Floor	Peeling of Plaster	83
73	Wall No. 2 Bathroom House No. 1902, Ground Floor	Peeling of Plaster	84
74	Wall No. 1 Bathroom House No. 1902, Ground Floor	Peeling of Plaster	85
75	Wall No. 3 Bathroom House No. 1902, Ground Floor	Peeling of Plaster	86
76	Roof House No. 1902 Ground Floor	Dampness/Seepage	87
77	Wall No. 4 Lobby House No. 1902, Ground Floor	Dampness/Seepage	88
78	Wall No. 1 Room No. 1 House No. 1902, Ground Floor	Dampness/Seepage	89
79	Wall No. 4 Room No. 1 House No. 1902, Ground Floor	Dampness/Seepage	90
80	Roof Room No. 1 House No. 1902, Ground Floor	Dampness/Seepage	91



81	Wall No. 2 Room No. 1 House No. 1902, Ground Floor	Dampness/Seepage	92
82	Wall No. 2 Room No. 1 House No. 1902, Ground Floor	Dampness/Seepage	93
83	Wall No. 4 Room No. 2 House No. 1902, Ground Floor	Dampness/Seepage	94
84	Wall No. 1 Room No. 2 House No. 1902, Ground Floor	Dampness/Seepage	95
85	Wall No. 2 Room No. 2 House No. 1902, Ground Floor	Dampness/Seepage	96
86	Roof Room No. 2 House No. 1902, Ground Floor	Dampness/Seepage	97
87	Wall No. 3 Room No. 2 House No. 1902, Ground Floor	Dampness/Seepage	98
88	Wall No. 3 Open Area House No. 1902, Ground Floor	Peeling of Plaster	99
89	Wall No. 4 Open Area House No. 1902, Ground Floor	Dampness/Seepage	100
90	Wall No. 1 Stair 1 House No. 1902, First Floor	Peeling of Plaster	101
91	Wall No. 2 Stair 1 House No. 1902, First Floor	Peeling of Plaster	102
92	Wall No. 1 Open Area House No. 1902, First Floor	Peeling of Plaster	103
93	Wall No. 1 Open Area House No. 1902, First Floor	Peeling of Plaster	104
94	Wall No. 4 Open Area House No. 1902, First Floor	Peeling of Plaster	105
95	Wall No. 3 Open Area House No. 1902, First Floor	Peeling of Plaster	106
96	Wall No. 3 Open Area House No. 1902, First Floor	Peeling of Plaster	107
97	Wall No. 3 Open Area House No. 1902, First Floor	Peeling of Plaster	108
98	Wall No. 3 Open Area House No. 1902, First Floor	Dampness/Seepage	109
99	Wall No. 2 Open Area House No. 1902, First Floor	Dampness/Seepage	110
100	Roof Varanda 1 House No. 1902, First Floor	Peeling of Plaster	111
101	Wall No. 4 Varanda 1 House No. 1902, First Floor	Dampness/Seepage	112
102	Wall No. 3 Varanda 1 House No. 1902, First Floor	Dampness/Seepage	113
103	Wall No. 2 Varanda 1 House No. 1902, First Floor	Dampness/Seepage	114
104	Roof Varanda 2 House No. 1902, First Floor	Peeling of Plaster	115
105	Roof Varanda 2 House No. 1902, First Floor	Peeling of Plaster	116
106	Wall No. 1 Varanda 2 House No. 1902, First Floor	Peeling of Plaster	117
107	Wall No. 3 Varanda 2 House No. 1902, First Floor	Peeling of Plaster	118
108	Wall No. 4 Varanda 2 House No. 1902, First Floor	Peeling of Plaster	119
109	Stair 1 House No. 1902, Second Floor	Peeling of Plaster	120
110	Stair 2 House No. 1902, Second Floor	Peeling of Plaster	121
111	Wall No. 1 Varanda 1 House No. 1902, Second Floor	Peeling of Plaster	122
112	Roof Varanda 1 House No. 1902, Second Floor	Dampness/Seepage	123
113	Roof Varanda 1 House No. 1902, Second Floor	Dampness/Seepage	124
114	Wall No. 4 Varanda 1 House No. 1902, Second Floor	Dampness/Seepage	125
115	Wall No. 2 Varanda 1 House No. 1902, Second Floor	Dampness/Seepage	126
116	Wall No. 3 Room No. 1 House No. 1902, Second Floor	Peeling of Plaster	127
117	Wall No. 4 Room No. 1 House No. 1902, Second Floor	Dampness/Seepage	128
118	Wall No. 1 Room No. 1 House No. 1902, Second Floor	Dampness/Seepage	129
119	Wall No. 2 Room No. 1 House No. 1902, Second Floor	Dampness/Seepage	130
120	Wall No. 2 Bathroom No. House No. 1902, Second Floor	Dampness/Seepage	131
121	Wall No. 2 Bathroom House No. 1902, Second Floor	Dampness/Seepage	132
122	Roof Bathroom House No. 1902, Second Floor	Dampness/Seepage	133
123	Wall No. 2 Toilet No. 1 House No. 1902, Second Floor	Dampness/Seepage	134
124	Wall No. 4 Toilet No. 1 House No. 1902, Second Floor	Dampness/Seepage	135

125	Wall No. 4 Room No. 1 House No. 1902, Second Floor	Dampness/Seepage	136
126	Wall No. 1 Room No. 1 House No. 1902, Second Floor	Dampness/Seepage	137
127	Wall No. 3 Room No. 1 House No. 1902, Second Floor	Dampness/Seepage	138
128	Wall No. 1 Varanda 1 House No. 1902, Third Floor	Dampness/Seepage	139
129	Wall No. 4 Stair 1 House No. 1902, Third Floor	Dampness/Seepage	140
130	Wall No. 2 Stair 1 House No. 1902, Third Floor	Dampness/Seepage	141
131	Wall No. 1 Room No. 3 House No. 1902, Upper First Floor	Dampness/Seepage	142
132	Wall No. 4 Store 1 House No. 1902, Upper First Floor	Peeling of Plaster	143
133	Wall No. 4 Room No. 1 House No. 1902, Upper First Floor	Peeling of Plaster	144
134	Wall No. 2 Room No. 1 House No. 1902, Upper First Floor	Peeling of Plaster	145
135	Roof Room No. 1 House No. 1902, Upper First Floor	Peeling of Plaster	146
136	Roof Room No. 1 House No. 1902, Upper First Floor	Peeling of Plaster	147
137	Wall No. 3 Room No. 1 House No. 1902, Upper First Floor	Peeling of Plaster	148
138	Wall No. 1 Room No. 1 House No. 1902, Upper First Floor	Peeling of Plaster	149
139	Wall No. 4 Room No. 2 House No. 1902, Upper First Floor	Dampness/Seepage	150
140	Wall No. 1 Room No. 2 House No. 1902, Upper First Floor	Dampness/Seepage	151
141	Roof Room No. 2 House No. 1902, Upper First Floor	Dampness/Seepage	152
142	Wall No. 3 Open Area 1 House No. 1902, Upper First Floor	Peeling of Plaster	153
143	Wall No. Roof & 3 Open Area 1 House No. 1902, Upper First Floor	Peeling of Plaster	154
144	Wall No. 1 Open Area 1 House No. 1902, Upper First Floor	Peeling of Plaster	155
145	Wall No. 2 Open Area 1 House No. 1902, Upper First Floor	Peeling of Plaster	156
146	Wall No. 2 Gallery House No. 1902, Upper First Floor	Peeling of Plaster	157
147	Roof Room No. 4 House No. 1902, Upper First Floor	Peeling of Plaster	158
148	Roof Room No. 4 House No. 1902, Upper First Floor	Peeling of Plaster	159
149	Wall No. 1 & 4 Room No. 4 House No. 1902, Upper First Floor	Peeling of Plaster	160
150	Wall No. 4 Room No. 4 House No. 1902, Upper First Floor	Dampness/Seepage	161
151	Wall No. 3 Room No. 4 House No. 1902, Upper First Floor	Peeling of Plaster	162
152	Wall No. 3 Room No. 4 House No. 1902, Upper First Floor	Peeling of Plaster	163
153	Wall No. 4 Balcony House No. 1902, Upper First Floor	Peeling of Plaster	164
154	Wall No. 4 Balcony House No. 1902, Upper First Floor	Peeling of Plaster	165
155	Roof Balcony House No. 1902, Upper First Floor	Peeling of Plaster	166
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Summary of Areas that Could not be Surveyed

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2	Wall No. 2 Shop No.340 Ground Floor	Covered With Material	199
3	Wall No. 1 Shop No.340 Ground Floor	Covered With Material	200
4	Wall No. 2 Shop No.340 Ground Floor	Covered With Material	201
5	Wall No. 1 Shop No.340 Ground Floor	Covered With Material	202
6	Wall No. 4 Shop No.340 Ground Floor	Covered With Material	203
7	Wall No. 4 Store 1 House No. 1902, Ground Floor	Covered with Material	204
8	Wall No. 1 Varanda House No. 1902, Ground Floor	Covered with Material	205
9	Wall No. 2 Lobby House No. 1902, Ground Floor		206
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11	Toilet No. 1 House No. 1902, Ground Floor	Locked	208
12	Wall No. 1 Varanda 1 House No. 1902, First Floor	Covered with Wood Work	209
13	Wall No. 2 Varanda 2 House No. 1902, First Floor	Covered with Material	210
14	Varanda 3 House No. 1902, First Floor	Locked	211
15	Tinshed House No. 1902, Second Floor	Locked	212
16	Wall No. 2 Room No. 4 House No. 1902, Upper First Floor	Covered with Material	213



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
View of Ground Floor



Photo 2  
View of Shop No.343, Ground Floor



Photo 3  
View of Shop no.343A, Ground Floor



Photo 4  
View of Shop No.342B, Ground Floor



Photo 5  
View of Shop No.341, Ground Floor



Photo 6  
View of Shop No.340, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
View of Tin Shed House No. 1902, Third Floor



Photo 8  
Tinshed House No. 1902, Second Floor



Photo 9  
View of Tin shed House No. 1902, Upper First Floor



Photo 10  
External Façade



Photo 11  
View of Building



Photo 12  
Inclined Crack on R/s External Column of Varanda of Shop No.343, G/F  
Approx. Width = 0.6mm, Approx. Length = 1.15m. Distance from R/s  
External Column = 0m, Height from Floor = 3m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Inclined Crack on R/s External Column of Varanda of Shop No.343, G/F  
Approx. Width = 1mm, Approx. Length = 3.15m. Dist. from R/s External Column = 0m, Height from Floor = 2.8m.



Photo 14

Inclined Crack on External Beam of Varanda of Shop No.343A, G/F  
Approx. Width = 0.35mm, Approx. Length = 1.1m. Distance from Leftside External Beam = 0m, Height from Floor = 3.1m.



Photo 15

Inclined Crack on Outer Wall, 3 & Roof of Varanda of Shop No.343A, G/F  
Approx. Width = 1.5mm, Approx. Length = 3m. Distance from L/s External Beam = 0m, Height from Floor = 2.9m.



Photo 16

Horizontal Crack on Roof of Varanda of Shop no.342B, G/F  
Approx. Width = 0.5mm, Approx. Length = 2.3m. Distance from Leftside External Column = 0.3m, Height from Floor = 3.5m.



Photo 17

Horizontal Crack on Roof of Varanda of Shop no.342B, Ground Floor  
Approx. Width = 1.5mm, Approx. Length = 2m. Distance from Rightside External Column = 0m, Height from Floor = 3.5m.



Photo 18

Inclined Crack on R/s External Column of Varanda of Shop no.342B, G/F  
Approx. Width = 0.25mm, Approx. Length = 1.3m. Distance from R/s External Column = 0m, Height from Floor = 3.3m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19

Inclined Crack on Wall No. 4 of Part B of Shop No.342 B, G/F Approx.  
Width = 2.5mm, Approx. Length = 1.5m.  
Distance from Wall No.1 = 0.5m, Height from Floor = 2m.



Photo 20

Inclined Crack on Roof of Part A of Shop No.342 B, Ground Floor  
Approx. Width = 0.5mm, Approx. Length = 2.2m.  
Distance from Wall No.1 = 0.6m, Height from Floor = 3m.



Photo 21

Inclined Crack on Wall No. 2 of Part A of Shop No.342 B, Ground Floor  
Approx. Width = 0.25mm, Approx. Length = 0.4m. Distance from Wall  
No.3 = 0.25m, Height from Floor = 2.3m.



Photo 22

Horizontal Crack on Roof of Varanda of Shop No.341, Ground Floor  
Approx. Width = 1mm, Approx. Length = 2m. Distance from Leftside  
External Column = 1.45m, Height from Floor = 3.5m.



Photo 23

Horizontal Crack on Wall No. 4 of Shop No.341, M.S.Floor Approx.  
Width = 0.4mm, Approx. Length = 0.6m. Distance from Wall No.1 =  
0.1m, Height from Floor = 1.2m.



Photo 23A

Horizontal Crack on Wall No. 4 of Shop No.341, M.S.Floor Approx.  
Width = 0.4mm, Approx. Length = 0.6m. Distance from Wall No.1 =  
0.1m, Height from Floor = 1.2m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 24

Horizontal Crack on Wall No. 4 & Roof of Shop No.341, M.S.Floor  
Approx. Width = 0.3mm, Approx. Length = 0.8m. Distance from Wall No.2 = 0.4m, Height from Floor = 1.6m.



Photo 24A

Horizontal Crack on Wall No. 4 & Roof of Shop No.341, M.S.Floor  
Approx. Width = 0.3mm, Approx. Length = 0.8m. Distance from Wall No.2 = 0.4m, Height from Floor = 1.6m.



Photo 25

Horizontal Crack on Roof of Shop No.341, M.S.Floor Approx. Width = 0.3mm, Approx. Length = 0.4m. Distance from Wall No.2 = 0.5m, Height from Floor = 1.8m.



Photo 25A

Horizontal Crack on Roof of Shop No.341, M.S.Floor Approx. Width = 0.3mm, Approx. Length = 0.4m. Distance from Wall No.2 = 0.5m, Height from Floor = 1.8m.



Photo 26

Horizontal Crack on Roof Beam of Shop No.341, M.S.Floor Approx. Width = 0.3mm, Approx. Length = 2.3m. Distance from Wall No.3 = 0m, Height from Floor = 1.8m.



Photo 26A

Horizontal Crack on Roof Beam of Shop No.341, M.S.Floor  
Approx. Width = 0.3mm, Approx. Length = 2.3m.  
Distance from Wall No.3 = 0m, Height from Floor = 1.8m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 27

Horizontal Crack on Wall No. 4 of Varanda of Shop No.340, G/F Approx.  
Width = 0.15mm, Approx. Length = 1.1m. Distance from Leftside  
External Column = 0m, Height from Floor = 3.4m.



Photo 28

Horizontal Crack on Roof of Varanda of Shop No.340, Ground Floor  
Approx. Width = 0.15mm, Approx. Length = 2m. Distance from  
Rightside External Column = 0.7m, Height from Floor = 3.5m.



Photo 29

Horizontal Crack on Roof of Part A of Shop No.340, Ground Floor  
Approx. Width = 1mm, Approx. Length = 2m. Distance from Wall No.3 =  
0m, Height from Floor = 3m.



Photo 30

Inclined Crack on Wall No. 1 of Part A of Shop No.340, Ground Floor  
Approx. Width = 0.2mm, Approx. Length = 0.7m. Distance from Wall  
No.3 = 0.6m, Height from Floor = 2.3m.



Photo 30A

Inclined Crack on Wall No. 1 of Part A of Shop No.340, Ground Floor  
Approx. Width = 0.2mm, Approx. Length = 0.7m. Distance from Wall  
No.3 = 0.6m, Height from Floor = 2.3m.



Photo 31

Inclined Crack on Wall No. 2 of Room No. 1, House No. 1902, Second  
Floor Approx. Width = 0.8mm, Approx. Length = 2.1m. Distance from w3  
= 0.1m, Height from Floor = 0m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 31A

Inclined Crack on Wall No. 2 of Room No. 1, House No. 1902, Second Floor Approx. Width = 0.8mm, Approx. Length = 2.1m. Distance from w3 = 0.1m, Height from Floor = 0m.



Photo 32

Inclined Crack on Wall No. 2 of Room No. 1, House No. 1902, Second Floor Approx. Width = 0.5mm, Approx. Length = 0.7m. Distance from w4 = 0.4m, Height from Floor = 2m.



Photo 32A

Inclined Crack on Wall No. 2 of Room No. 1, House No. 1902, Second Floor Approx. Width = 0.5mm, Approx. Length = 0.7m. Distance from w4 = 0.4m, Height from Floor = 2m.



Photo 33

Horizontal Crack on Floor of Room No. 1, House No. 1902, Second Floor Approx. Width = 1.5mm, Approx. Length = 1.7m. Distance from Wall No. 2 = 0.3m, Height from Floor = 0m.



Photo 33A

Horizontal Crack on Floor of Room No. 1, House No. 1902, Second Floor Approx. Width = 1.5mm, Approx. Length = 1.7m. Distance from Wall No. 2 = 0.3m, Height from Floor = 0m.



Photo 34

Horizontal Crack on Roof of Varanda, House No. 1902, Upper First Floor Approx. Width = 0.35mm, Approx. Length = 2m. Distance from Wall No. 1 = 2.5m, Height from Floor = 2.7m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 35

Inclined Crack on Wall No. 4 of Varanda 1, House No. 1902, Upper First Floor Approx. Width = 0.1mm, Approx. Length = 1.3m. Distance from Wall No. 1 = 2.7m, Height from Floor = 1.5m.



Photo 36

Inclined Crack on Wall No. 1 of Room No. 1, House No. 1902, Upper First Floor Approx. Width = 0.8mm, Approx. Length = 4.2m. Distance from w3 = 2m, Height from Floor = 0m.



Photo 36A

Inclined Crack on Wall No. 1 of Room No. 1, House No. 1902, Upper First Floor Approx. Width = 0.8mm, Approx. Length = 4.2m. Distance from w3 = 2m, Height from Floor = 0m.



Photo 37

Damaged Portion on Outer Wall of Varanda of Shop No.343 of Ground Floor



Photo 38

Peeling of Plaster on Roof of Part A of Shop No.343A of Ground Floor



Photo 39

Peeling of Plaster on Wall No. 4 of Part A of Shop No.343A of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 40

Damaged Portion on Wall No. 3, 4 & Roof of Part B of Shop No.343A of Ground Floor



Photo 41

Damaged Portion on Wall No. 3, 4 & Roof of Part B of Shop No.343A of Ground Floor



Photo 42

Damaged Portion on Wall No. 3, 4 & Roof of Part B of Shop No.343A of Ground Floor



Photo 43

Damaged Portion on Wall No. 4 of Part C of Shop No.343A of Ground Floor



Photo 44

Damaged Portion on Roof of Part C of Shop No.343A of Ground Floor



Photo 45

Damaged Portion on Wall No. 3 of Part C of Shop No.343A of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 46

Peeling of Plaster on Wall No. 1 & 3 of Part C of Shop No.343A of Ground Floor



Photo 47

Peeling of Plaster on Wall No. 4 of Part C of Shop No.343A of Ground Floor



Photo 48

Damaged Portion on Roof of Part B of Shop No.343A of Ground Floor



Photo 49

Damaged Portion on Wall No. 1 of Part A of Shop No.343A of Ground Floor



Photo 50

Damaged Portion on External Beam of Varanda of Shop no.342B of Ground Floor



Photo 51

Damaged Portion on Floor of Varanda of Shop no.342B of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 52

Damaged Portion on Roof of Part C of Shop No.342 B of Ground Floor



Photo 53

Peeling of Plaster on Wall No. 3 of Part B of Shop No.342 B of Ground Floor



Photo 54

Dampness/Seepage on Roof of Part A of Shop No.342 B of Ground Floor



Photo 55

Damaged Portion on Outer Wall No. 3 of Varanda of Shop No.342B of Ground Floor



Photo 56

Dampness/Seepage on External Beam of Varanda of Shop No.341 of Ground Floor



Photo 57

Peeling of Plaster on Roof of Varanda of Shop No.341 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 58

Dampness/Seepage on Wall No. 2 of Shop No.341 of Ground Floor



Photo 59

Peeling of Plaster on Floor of Varanda of Shop No.341 of Ground Floor



Photo 60

Damaged Portion on Staircase of Varanda of Ground Floor



Photo 61

Peeling of Plaster on Wall No. 3 of Part B of Shop No.340 of Ground Floor



Photo 62

Peeling of Plaster on Wall No. 4 of Part B of Shop No.340 of Ground Floor



Photo 63

Dampness/Seepage on Wall No. 4 & Roof of Part C of Shop No.340 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 64

Dampness/Seepage on Wall No. 4 & Roof of Part C of Shop No.340 of Ground Floor



Photo 65

Peeling of Plaster on Wall No. 1 of Passage 1 of House No. 1902, Ground Floor



Photo 66

Peeling of Plaster on Wall No. 1 of Passage 1 of House No. 1902, Ground Floor



Photo 67

Peeling of Plaster on Wall No. 2 of Passage 1 of House No. 1902, Ground Floor



Photo 68

Peeling of Plaster on Wall No. 2 of Passage 1 of House No. 1902, Ground Floor



Photo 69

Peeling of Plaster on Wall No. 2 of Passage 1 of House No. 1902, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 70

Dampness/Seepage on Roof of Passage 1 of House No. 1902, Ground Floor



Photo 71

Dampness/Seepage on Roof of Passage 1 of House No. 1902, Ground Floor



Photo 72

Dampness/Seepage on Roof of Passage 1 of House No. 1902, Ground Floor



Photo 73

Dampness/Seepage on Roof of Passage 1 of House No. 1902, Ground Floor



Photo 74

Peeling of Plaster on External wall No. 3 of Store 1 of House No. 1902, Ground Floor



Photo 75

Peeling of Plaster on Wall No. 3 of Varanda of House No. 1902, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 76

Peeling of Plaster on Roof of Varanda of House No. 1902, Ground Floor



Photo 77

Peeling of Plaster on Wall No. 4 of Varandah of House No. 1902, Ground Floor



Photo 78

Peeling of Plaster on Wall No. 4 of Varandah of House No. 1902, Ground Floor



Photo 79

Dampness/Seepage on Roof of Varanda of House No. 1902, Ground Floor



Photo 80

Dampness/Seepage on Roof of Varanda of House No. 1902, Ground Floor



Photo 81

Dampness/Seepage on Wall No. 4 of Varanda of House No. 1902, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 82

Peeling of Plaster on Wall No. 1 of Varanda of House No. 1902, Ground Floor



Photo 83

Peeling of Plaster on Wall No. 4 of Bathroom No. of House No. 1902, Ground Floor



Photo 84

Peeling of Plaster on Wall No. 2 of Bathroom No. of House No. 1902, Ground Floor



Photo 85

Peeling of Plaster on Wall No. 1 of Bathroom of House No. 1902, Ground Floor



Photo 86

Peeling of Plaster on Wall No. 3 of Bathroom of House No. 1902, Ground Floor



Photo 87

Dampness/Seepage on Roof of House No. 1902 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 88

Dampness/Seepage on Wall No. 4 of Lobby of House No. 1902, Ground Floor



Photo 89

Dampness/Seepage on Wall No. 1 of Room No. 1 of House No. 1902, Ground Floor



Photo 90

Dampness/Seepage on Wall No. 4 of Room No. 1 of House No. 1902, Ground Floor



Photo 91

Dampness/Seepage on Roof of Room No. 1 of House No. 1902, Ground Floor



Photo 92

Dampness/Seepage on Wall No. 2 of Room No. 1 of House No. 1902, Ground Floor



Photo 93

Dampness/Seepage on Wall No. 2 of Room No. 1 of House No. 1902, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 94

Dampness/Seepage on Wall No. 4 of Room No. 2 of House No. 1902, Ground Floor



Photo 95

Dampness/Seepage on Wall No. 1 of Room No. 2 of House No. 1902, Ground Floor



Photo 96

Dampness/Seepage on Wall No. 2 of Room No. 2 of House No. 1902, Ground Floor



Photo 97

Dampness/Seepage on Roof of Room No. 2 of House No. 1902, Ground Floor



Photo 98

Dampness/Seepage on Wall No. 3 of Room No. 2 of House No. 1902, Ground Floor



Photo 99

Peeling of Plaster on Wall No. 3 of Open Area of House No. 1902, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 100

Dampness/Seepage on Wall No. 4 of Open Area of House No. 1902, Ground Floor



Photo 101

Peeling of Plaster on Wall No. 1 of Stair 1 of House No. 1902, First Floor



Photo 102

Peeling of Plaster on Wall No. 2 of Stair 1 of House No. 1902, First Floor



Photo 103

Peeling of Plaster on Wall No. 1 of Open Area of House No. 1902, First Floor



Photo 104

Peeling of Plaster on Wall No. 1 of Open Area of House No. 1902, First Floor



Photo 105

Peeling of Plaster on Wall No. 4 of Open Area of House No. 1902, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 106

Peeling of Plaster on Wall No. 3 of Open Area of House No. 1902, First Floor



Photo 107

Peeling of Plaster on Wall No. 3 of Open Area of House No. 1902, First Floor



Photo 108

Peeling of Plaster on Wall No. 3 of Open Area of House No. 1902, First Floor



Photo 109

Dampness/Seepage on Wall No. 3 of Open Area of House No. 1902, First Floor



Photo 110

Dampness/Seepage on Wall No. 2 of Open Area of House No. 1902, First Floor



Photo 111

Peeling of Plaster on Roof of Varanda 1 of House No. 1902, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 112

Dampness/Seepage on Wall No. 4 of Varanda 1 of House No. 1902, First Floor



Photo 113

Dampness/Seepage on Wall No. 3 of Varanda 1 of House No. 1902, First Floor



Photo 114

Dampness/Seepage on Wall No. 2 of Varanda 1 of House No. 1902, First Floor



Photo 115

Peeling of Plaster on Roof of Varanda 2 of House No. 1902, First Floor



Photo 116

Peeling of Plaster on Roof of Varanda 2 of House No. 1902, First Floor



Photo 117

Peeling of Plaster on Wall No. 1 of Varanda 2 of House No. 1902, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 118

Peeling of Plaster on Wall No. 3 of Varanda 2 of House No. 1902, First Floor



Photo 119

Peeling of Plaster on Wall No. 4 of Varanda 2 of House No. 1902, First Floor



Photo 120

Peeling of Plaster on Stair 1 of House No. 1902, Second Floor



Photo 121

Peeling of Plaster on Stair 2 of House No. 1902, Second Floor



Photo 122

Peeling of Plaster on Wall No. 1 of Varanda 1 of House No. 1902, Second Floor



Photo 123

Dampness/Seepage on Roof of Varanda 1 of House No. 1902, Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 124

Dampness/Seepage on Roof of Varanda 1 of House No. 1902, Second Floor



Photo 125

Dampness/Seepage on Wall No. 4 of Varanda 1 of House No. 1902, Second Floor



Photo 126

Dampness/Seepage on Wall No. 2 of Varanda 1 of House No. 1902, Second Floor



Photo 127

Peeling of Plaster on Wall No. 3 of Room No. 1 of House No. 1902, Second Floor



Photo 128

Dampness/Seepage on Wall No. 4 of Room No. 1 of House No. 1902, Second Floor



Photo 129

Dampness/Seepage on Wall No. 1 of Room No. 1 of House No. 1902, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

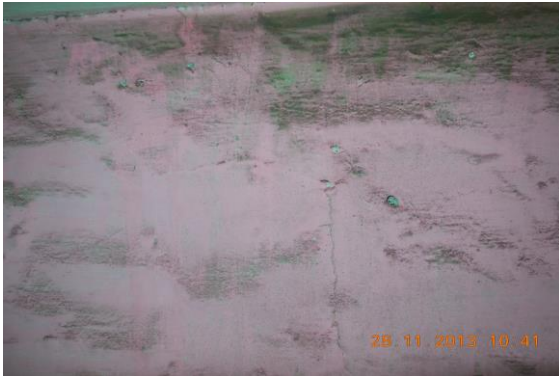


Photo 130

Dampness/Seepage on Wall No. 2 of Room No. 1 of House No. 1902, Second Floor



Photo 131

Dampness/Seepage on Wall No. 2 of Bathroom of House No. 1902, Second Floor



Photo 132

Dampness/Seepage on Wall No. 2 of Bathroom of House No. 1902, Second Floor



Photo 133

Dampness/Seepage on Roof of Bathroom of House No. 1902, Second Floor



Photo 134

Dampness/Seepage on Wall No. 2 of Toilet No. 1 of House No. 1902, Second Floor



Photo 135

Dampness/Seepage on Wall No. 4 of Toilet No. 1 of House No. 1902, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 136

Dampness/Seepage on Wall No. 4 of Room No. 1 of House No. 1902, Second Floor



Photo 137

Dampness/Seepage on Wall No. 1 of Room No. 1 of House No. 1902, Second Floor



Photo 138

Dampness/Seepage on Wall No. 3 of Room No. 1 of House No. 1902, Second Floor



Photo 139

Dampness/Seepage on Wall No. 1 of Varanda 1 of House No. 1902, Third Floor



Photo 140

Dampness/Seepage on Wall No. 4 of Stair 1 of House No. 1902, Third Floor



Photo 141

Dampness/Seepage on Wall No. 2 of Stair 1 of House No. 1902, Third Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 142

Dampness/Seepage on Wall No. 1 of Room No. 3 of House No. 1902, Upper First Floor



Photo 143

Peeling of Plaster on Wall No. 4 of Store 1 of House No. 1902, Upper First Floor



Photo 144

Peeling of Plaster on Wall No. 4 of Room No. 1 of House No. 1902, Upper First Floor



Photo 145

Peeling of Plaster on Wall No. 2 of Room No. 1 of House No. 1902, Upper First Floor



Photo 146

Peeling of Plaster on Roof of Room No. 1 of House No. 1902, Upper First Floor



Photo 147

Peeling of Plaster on Roof of Room No. 1 of House No. 1902, Upper First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 148

Peeling of Plaster on Wall No. 3 of Room No. 1 of House No. 1902, Upper First Floor



Photo 149

Peeling of Plaster on Wall No. 1 of Room No. 1 of House No. 1902, Upper First Floor



Photo 150

Dampness/Seepage on Wall No. 4 of Room No. 2 of House No. 1902, Upper First Floor



Photo 151

Dampness/Seepage on Wall No. 1 of Room No. 2 of House No. 1902, Upper First Floor



Photo 152

Dampness/Seepage on Roof of Room No. 2 of House No. 1902, Upper First Floor



Photo 153

Peeling of Plaster on Wall No. 3 of Open Area 1 of House No. 1902, Upper First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 154

Peeling of Plaster on Roof & 3 of Open Area 1 of House No. 1902, Upper First Floor



Photo 155

Peeling of Plaster on Wall No. 1 of Open Area 1 of House No. 1902, Upper First Floor



Photo 156

Peeling of Plaster on Wall No. 2 of Open Area 1 of House No. 1902, Upper First Floor



Photo 157

Peeling of Plaster on Wall No. 2 of Gallery of House No. 1902, Upper First Floor



Photo 158

Peeling of Plaster on Roof of Room No. 4 of House No. 1902, Upper First Floor



Photo 159

Peeling of Plaster on Roof of Room No. 4 of House No. 1902, Upper First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 160

Peeling of Plaster on Wall No. 1 & 4 of Room No. 4 of House No. 1902, Upper First Floor



Photo 161

Dampness/Seepage on Wall No. 4 of Room No. 4 of House No. 1902, Upper First Floor



Photo 162

Peeling of Plaster on Wall No. 3 of Room No. 4 of House No. 1902, Upper First Floor



Photo 163

Peeling of Plaster on Wall No. 3 of Room No. 4 of House No. 1902, Upper First Floor



Photo 164

Peeling of Plaster on Wall No. 4 of Balcony of House No. 1902, Upper First Floor



Photo 165

Peeling of Plaster on Wall No. 4 of Balcony of House No. 1902, Upper First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 166

Peeling of Plaster on Roof of Balcony of House No. 1902, Upper First Floor



Photo 167

Peeling of Plaster on Wall No. Floor of Balcony of House No. 1902, Upper First Floor



Photo 168

Peeling of Plaster on Floor of Room No. 4 of House No. 1902, Upper First Floor



Photo 169

Peeling of Plaster on Wall No. 4 of Gumbad 2 of House No. 1902, Upper First Floor



Photo 170

Dampness/Seepage on Roof of Varanda 1 of House No. 1902, Upper First Floor



Photo 171

Peeling of Plaster on Wall No. 1 of Gallery of House No. 1902, Upper First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 172

Peeling of Plaster on Roof of Gallery of House No. 1902, Upper First Floor



Photo 173

Dampness/Seepage on Roof of Gallery of House No. 1902, Upper First Floor



Photo 174

Peeling of Plaster on Wall No. 3 of Gallery of House No. 1902, Upper First Floor



Photo 175

Peeling of Plaster on Wall No. 1 of Open Area of House No. 1902, Upper First Floor



Photo 176

Peeling of Plaster on Terrace of House No. 1902, Upper First Floor



Photo 177

Peeling of Plaster on Terrace of House No. 1902, Upper First Floor



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Photo 178

Peeling of Plaster on Terrace of House No. 1902, Upper First Floor



Photo 179

Peeling of Plaster on Terrace of House No. 1902, Upper First Floor



Photo 180

Peeling of Plaster on Terrace of House No. 1902, Upper First Floor



Photo 181

Peeling of Plaster on Floor of Toilet No. 1 of House No. 1902, Upper First Floor



Photo 182

Dampness/Seepage on Wall No. 4 of Toilet No. 1 of House No. 1902, Upper First Floor



Photo 183

Peeling of Plaster on Front Side of External Façade

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 184  
Peeling of Plaster on Front Side of External Façade



Photo 185  
Peeling of Plaster on Front Side of External Façade



Photo 186  
Peeling of Plaster on Front Side of External Façade



Photo 187  
Peeling of Plaster on Side B of External Façade



Photo 188  
Peeling of Plaster on Side B of External Façade



Photo 189  
Peeling of Plaster on Side B of External Façade



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 190  
Peeling of Plaster on of Side B of External Façade



Photo 191  
Peeling of Plaster on of Side B of External Façade



Photo 192  
Peeling of Plaster on of Side B of External Façade



Photo 193  
Peeling of Plaster on of Side B of External Façade



Photo 194  
Peeling of Plaster on of Side B of External Façade



Photo 195  
Peeling of Plaster on of Side B of External Façade



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 196  
Peeling of Plaster on Side B of External Façade



Photo 197  
Peeling of Plaster on Side B of External Façade



Photo 198  
Wall No. 2 & 4 of Shop No.343 of Ground Floor Covered With Material

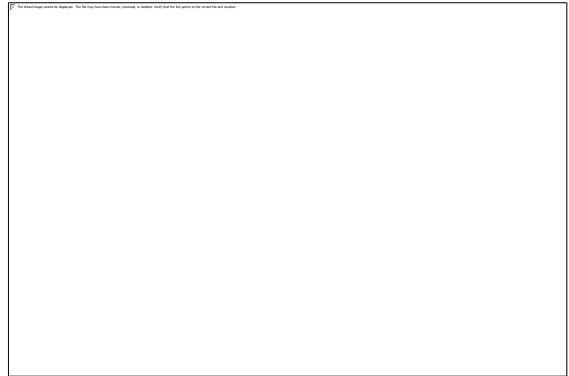


Photo 199  
Wall No. 2 of Shop No.340 of Ground Floor Covered With Material



Photo 200  
Wall No. 1 of Shop No.340 of Ground Floor Covered With Material



Photo 201  
Wall No. 2 of Shop No.340 of Ground Floor Covered With Material



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 202

Wall No. 1 of Shop No.340 of Ground Floor Covered With Material



Photo 203

Wall No. 4 of Shop No.340 of Ground Floor Covered With Material



Photo 204

Wall No. 4 of Store 1 of House No. 1902, Ground Floor Covered with Material



Photo 205

Wall No. 1 of Varanda of House No. 1902, Ground Floor Covered with Material



Photo 206

Wall No. 2 of Lobby of House No. 1902, Ground Floor



Photo 207

Bathroom of House No. 1902, Ground Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 208  
Toilet No. 1 of House No. 1902, Ground Floor Locked



Photo 209  
Wall No. 1 of Varanda 1 of House No. 1902, First Floor Covered with Wood Work



Photo 210  
Wall No. 2 of Varanda 2 of House No. 1902, First Floor Covered with Material



Photo 211  
Varanda 3 of House No. 1902, First Floor Locked



Photo 212  
Tinshed of House No. 1902, Second Floor Locked



Photo 213  
Wall No. 2 of Room No. 4 of House No. 1902, Upper First Floor Covered with Material







































































































Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No 335-338  
Ramganj Bazaar  
Jaipur  
Unique ID: BC RA UP 0008

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0008/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/11/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

## About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 4 floors and a basement. The structure was constructed in year 2008 and is 05 years old.

There are 78 defects in the structure out of which 25 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category III (Moderate)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	11	44%
Slight (1 to 5mm)	10	40%
Moderate (5 to 15mm)	4	16%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 2.06mm and average length of cracks is 2.05m. The maximum crack width is 11mm and minimum width is 0.15mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA-UP-0008/337-338			
BC-RA-UP-0008/336/B22			
BC-RA-UP-0008/336/B27,28			
BC-RA-UP-0008/336/G1			
BC-RA-UP-0008/336/G2			
BC-RA-UP-0008/336/G5			
BC-RA-UP-0008/336/G6			
BC-RA-UP-0008/336/G7			
BC-RA-UP-0008/336/G8			

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shops 335-338 & 1-13
2	Building Address	Ramganj Bazaar Jaipur
3	Year of Construction	2008
4	Number of Floors	B+G+3
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	5 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Wall No. 4 Shop No.337 & 338 Basement	Vertical	0.2	5.5	Very Slight	28
2	Wall No. 2 Passage Munshi Shopping Complex, Ground Floor	Inclined	0.2	1.4	Very Slight	29, 29A
3	Parapet Wall Stair Basement to GF Munshi Shopping Complex, Ground Floor	Vertical	5	0.3	Moderate	30
4	Parapet Wall Stair Basement to GF Munshi Shopping Complex, Ground Floor	Vertical	5	0.3	Moderate	31
5	Wall No. 4 Shop No. 5 & 6 Munshi Shopping Complex, Ground Floor	Inclined	2	0.5	Slight	32
6	Wall No. 4 Passage Munshi Shopping Complex, Upper Ground Floor	Inclined	1	0.6	Slight	33, 33A
7	Roof Passage 1 Munshi Shopping Complex, Second Floor	Horizontal	3	1.1	Slight	34
8	Roof Passage 1 Munshi Shopping Complex, Second Floor	Horizontal	1	1.1	Slight	35
9	Wall No. 4 Bathroom Munshi Shopping Complex, Second Floor	Inclined	1.5	0.7	Slight	36
10	Wall No. 4 Toilet No. 1 Munshi Shopping Complex, Second Floor	Horizontal	0.35	1	Very Slight	37
11	Wall No. 3 Hall No. 1 Munshi Shopping Complex, Second Floor	Inclined	1	5	Slight	38
12	Wall No. 3 Hall No. 1 Munshi Shopping Complex, Second Floor	Inclined	1	5	Slight	39, 39A
13	Wall No. 3 Hall No. 1 Munshi Shopping Complex, Second Floor	Vertical	0.8	1.5	Very Slight	40, 40A
14	Wall No. 2 Hall No. 1 Munshi Shopping Complex, Second Floor	Inclined	0.6	1.65	Very Slight	41, 41A
15	Wall No. 2 Hall No. 1 Munshi Shopping Complex, Second Floor	Inclined	0.8	3.2	Very Slight	42, 42A
16	Wall No. 1 Toilet No. 1 Munshi Shopping Complex, Second Floor	Horizontal	10	2	Moderate	43
17	Wall No. 1 & 4 Stair Inside Shop FF to SF Steps Munshi Shopping Complex, Second Floor	Vertical	0.35	2.5	Very Slight	44
18	Wall No. 1 Hall No. 1 Munshi Shopping Complex, Third Floor	Vertical	0.15	3.3	Very Slight	45, 45A
19	Wall No. 2 Hall No. 1 Munshi Shopping Complex, Third Floor	Inclined	1.5	2.3	Slight	46, 46A
20	Wall No. 2 Hall No. 1 Munshi Shopping Complex, Third Floor	Vertical	0.15	3.5	Very Slight	47, 47A
21	Wall No. 3 Room No. 1 Munshi Shopping Complex, Third Floor	Inclined	11	1.7	Moderate	48, 48A
22	Wall No. 1 Room No. 1 Munshi Shopping Complex, Third Floor	Vertical	2.5	1.35	Slight	49, 49A
23	Wall No. 1 Room No. 1 Munshi Shopping Complex, Third Floor	Vertical	0.15	1.35	Very Slight	50, 50A
24	Wall No. 4 Room No. 1 Munshi Shopping Complex, Third Floor	Vertical	2	1.5	Slight	51
25	Wall No. 2 Stair 1 SF to Third Floor Munshi Shopping Complex, Third Floor	Horizontal	0.2	3	Very Slight	52, 52A

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
26	Outer Wall Column Varanda Shop No.335, Ground Floor	Peeling of Plaster	53
27	Roof Passage No.1 Ground Floor	Peeling of Plaster	54
28	Wall No. 2 Passage No.1 Ground Floor	Peeling of Plaster	55



29	Wall No. 4 Passage No.2 Basement	Dampness/Seepage	56
30	Roof Shop No.27 Basement	Dampness/Seepage	57
31	Wall No. 3 Shop No.27 Basement	Peeling of Plaster	58
32	Wall No. 4 Shaft A Area Basement	Peeling of Plaster	59
33	Wall No. 1 Shaft A Area Basement	Peeling of Plaster	60
34	Wall No. 2 Shaft A Area Basement	Peeling of Plaster	61
35	Wall No. 4 Store No.1 Basement	Peeling of Plaster	62
36	Roof Store No.1 Basement	Peeling of Plaster	63
37	Stair Steps Basement to GF Munshi Shopping Complex, Ground Floor	Peeling of Plaster	64
38	Wall No. 4 & 2 Shop No. 7 Munshi Shopping Complex, Ground Floor	Dampness/Seepage	65
39	Wall No. 4 Shop No. 8 Munshi Shopping Complex, Ground Floor	Dampness/Seepage	66
40	Wall No. 4 Shop No. 5 & 6 Munshi Shopping Complex, Ground Floor	Dampness/Seepage	67
41	Wall No. 2 Shop No. 5 & 6 Munshi Shopping Complex, Ground Floor	Dampness/Seepage	68
42	Roof Hall No. 1 Munshi Shopping Complex, Upper Ground Floor	Peeling of Plaster	69
43	Wall No. 4 Hall No. 1 Munshi Shopping Complex, Upper Ground Floor	Dampness/Seepage	70
44	Wall No. 5 Hall No. 1 Munshi Shopping Complex, Upper Ground Floor	Peeling of Plaster	71
45	Wall No. 2 Hall No. 1 Munshi Shopping Complex, Upper Ground Floor	Dampness/Seepage	72
46	Wall No. 1 Hall No. 1 Munshi Shopping Complex, Upper Ground Floor	Peeling of Plaster	73
47	Floor Toilet No. 1 Munshi Shopping Complex, Upper Ground Floor	Damaged Portion	74
48	Wall No. 3 Hall No. 1 Munshi Shopping Complex, Upper Ground Floor	Peeling of Plaster	75
49	Wall No. 4 Passage Munshi Shopping Complex, Upper Ground Floor	Peeling of Plaster	76
50	Wall No. 4 Passage Munshi Shopping Complex, Upper Ground Floor	Damaged Portion	77
51	Wall No. 2 Passage Munshi Shopping Complex, Upper Ground Floor	Plaster Crack	78
52	Stair UGF to FF Steps Munshi Shopping Complex, First Floor	Damaged Portion	79
53	Stair UGF to FF Steps Munshi Shopping Complex, First Floor	Damaged Portion	80
54	Roof Passage Munshi Shopping Complex, First Floor	Dampness/Seepage	81
55	Roof Passage Munshi Shopping Complex, First Floor	Peeling of Plaster	82
56	Stair FF to SF Steps Munshi Shopping Complex, Second Floor	Damaged Portion	83
57	Stair FF to SF Steps Munshi Shopping Complex, Second Floor	Damaged Portion	84
58	Roof Passage 1 Munshi Shopping Complex, Second Floor	Exposed Reinforcement	85
59	Wall No. 2 Passage 1 Munshi Shopping Complex, Second Floor	Dampness/Seepage	86
60	Wall No. 4 Bathroom Munshi Shopping Complex, Second Floor	Damaged Portion	87
61	Roof Bathroom Munshi Shopping Complex, Second Floor	Dampness/Seepage	88
62	Wall No. 1 Toilet No. 1 Munshi Shopping Complex, Second Floor	Dampness/Seepage	89
63	Wall No. 4 Passage 1 Munshi Shopping Complex, Second Floor	Damaged Portion	90
64	Roof Hall No. 1 Munshi Shopping Complex, Second Floor	Plaster Crack	91
65	Roof Hall No. 1 Munshi Shopping Complex, Second Floor	Damaged Portion	92
66	Wall No. 1 Hall No. 1 Munshi Shopping Complex, Second Floor	Damaged Portion	93
67	Wall No. 2 Hall No. 1 Munshi Shopping Complex, Second Floor	Damaged Portion	94

68	Roof Passage 2 Munshi Shopping Complex, S. Floor	Dampness/Seepage	95
69	Wall No. 4 Shaft Munshi Shopping Complex, S. Floor	Damaged Portion	96
70	Roof Hall No. 2 Munshi Shopping Complex, S. Floor	Peeling of Plaster	97
71	Roof Hall No. 2 Munshi Shopping Complex, S. Floor	Peeling of Plaster	98
72	Wall No. 4 Toilet No. 1 Munshi Shopping Complex, S.Floor	Dampness/Seepage	99
73	Wall No. 4 Toilet No. 1 Munshi Shopping Complex, S.Floor	Plaster Crack	100
74	Wall No. 3 Hall No. 1 Munshi Shopping Complex, Second Floor	Dampness/Seepage	101
75	Wall No. 1 Hall No. 1 Munshi Shopping Complex, Second Floor	Dampness/Seepage	102
76	Wall No. 4 Hall No. 1 Munshi Shopping Complex, Second Floor	Dampness/Seepage	103
77	Wall No. 2 Hall No. 1 Munshi Shopping Complex, Second Floor	Dampness/Seepage	104
78	Wall No. 4 Stair 1 SF to Third Floor Munshi Shopping Complex, Third Floor	Dampness/Seepage	105

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Wall No. 1 Shop No.337 & 338 Ground Floor	Covered With Wooden work	106
2	Wall No. 4 Shop No.337 & 338 Ground Floor	Covered With Wooden work	107
3	Wall No. 2 Shop No.337 & 338 Ground Floor	Covered With Wooden work	108
4	Wall No. 4 Shop No.337 & 338 Basement	Covered With Material	109
5	Wall No. 1 Shop No.335, Ground Floor	Covered With Wooden Racks	110
6	Wall No. 4 Shop No.335, Ground Floor	Covered With Wooden Racks	111
7	Wall No. 2 Shop No.335, Ground Floor	Covered With Wooden Racks	112
8	Shop No.17 Basement	Locked	113
9	Shop No.18 Basement	Locked	114
10	Shop No.19 Basement	Locked	115
11	Shop No.20 Basement	Locked	116
12	Shop No.21 Basement	Locked	117
13	Wall No. 1, 2 & 4 Shop No.22 Basement	Covered With Wooden Racks & Material & Falls Ceiling	118
14	Shop No.23 Basement	Locked	119
15	Shop No.24 Basement	Locked	120
16	Shop No.25 Basement	Covered	121
17	Shop No.26 Basement	Covered	122
18	Wall No. 1 & 4 Shop No.27 Basement	Covered With Wooden Works & Material	123
19	Wall No. 2 & 4 Shop No.27 Basement	Covered With Wooden Works & Material	124
20	Shop No.29 Basement	Covered	125
21	Shop No.30 Basement	Covered	126
22	Shop No.31 Basement	Covered	127
23	Wall No. 1, 4 & Roof Shop No. 1 & 2 Munshi Shopping Complex, Ground Floor	Covered With Material & Falls Ceiling	128
24	Wall No. 2 Shop No. 1 & 2 Munshi Shopping Complex, Ground Floor	Covered With Material	129
25	Shop No. 3 Munshi Shopping Complex, Ground Floor	Locked	130
26	Shop No. 4 Munshi Shopping Complex, Ground Floor	Locked	131
27	Wall No. 4 Shop No. 13 Munshi Shopping Complex, Ground Floor	Covered with Material	132
28	Wall No. 1 & 4 Shop No. 13 Munshi Shopping Complex, Ground Floor	Covered with Material	133
29	Wall No. 2 Shop No. 13 Munshi Shopping Complex, Ground Floor	Covered with Material	134
30	Wall No. 4 Shop No. 10 & 11 Munshi Shopping Complex, Ground Floor	Covered with Material	135
31	Wall No. 1 Shop No. 10 & 11 Munshi Shopping Complex, Ground Floor	Covered with Material	136

32	Wall No. 2 Shop No. 10 & 11 Munshi Shopping Complex, Ground Floor	Covered with Material	137
33	Bank of Baroda Munshi Shopping Complex, First Floor	Locked	138
34	Shop No. 4 & 5 Munshi Shopping Complex, First Floor	Locked	139
35	Shop No. 4 & 5 Munshi Shopping Complex, First Floor	Locked	140
36	Wall No. 1, 4 & 2 Toilet No. 1 Munshi Shopping Complex, Second Floor	Half Wall Covered with Tiles	141
37	All Wall Sonia Creation Munshi Shopping Complex, Second Floor	Covered With Wooden & Material	142
38	All Wall Sonia Creation Munshi Shopping Complex, Second Floor	Covered With Wooden & Material	143
39	All Wall Sonia Creation Munshi Shopping Complex, Second Floor	Covered With Wooden & Material	144
40	All Wall Sonia Creation Munshi Shopping Complex, Second Floor	Covered With Wooden & Material	145
41	All Wall Sonia Creation Munshi Shopping Complex, Second Floor	Covered With Wooden & Material	146
42	All Wall Sonia Creation Munshi Shopping Complex, Second Floor	Covered With Wooden & Material	147
43	All Wall Sonia Creation Munshi Shopping Complex, Second Floor	Covered With Wooden & Material	148
44	All Wall Sonia Creation Munshi Shopping Complex, Second Floor	Covered With Wooden & Material	149
45	Wall No. 4 Toilet No. 1 Munshi Shopping Complex, Second Floor	Half Wall Covered with Tiles	150
46	Stair Inside Shop FF to SF Steps Munshi Shopping Complex, Second Floor	Made by Wooden	151
47	All Wall Bathroom Munshi Shopping Complex, Third Floor	Covered with Tiles	152
48	Room No. 2 Munshi Shopping Complex, Third Floor	Locked	153





Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
View of Shop no.337 & 338



Photo 2  
View of Shop No.335, Ground Floor



Photo 3  
View of Shop Nop.336 Munshi Shopping Complex, Ground Floor



Photo 4  
View of Shop No.22, Basement



Photo 5  
Shop No.27 & 28, Basement



Photo 6  
Shop No.27 & 28, Basement

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
Shaft A Area, Basement



Photo 8  
View of Shop No. 5,6,7 & 8, The Campa Co. Ltd., Munshi Shopping Complex, Ground Floor



Photo 9  
View of Shop No. 1 & 2, Munshi Shopping Complex, Ground Floor



Photo 10  
View of Shop No. 14, Ashok Kumar Manish Kumar, Munshi Shopping Complex, Ground Floor



Photo 11  
Shop No. 14, Munshi Shopping Complex, Ground Floor



Photo 12  
Shop No. 14, Munshi Shopping Complex, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Shop No. 12, Munshi Shopping Complex, Ground Floor



Photo 14

Shop No. 12, Munshi Shopping Complex, Ground Floor



Photo 15

Shop No. 12, Munshi Shopping Complex, Ground Floor



Photo 16

View of Shop No. 13, Munshi Shopping Complex, Ground Floor



Photo 17

View of Shop No. 10 & 11, Munshi Shopping Complex, Ground Floor



Photo 18

Passage, Munshi Shopping Complex, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19

View of Sonia Creation, Munshi Shopping Complex, Second Floor



Photo 20

View of Sonia Creation, Munshi Shopping Complex, Second Floor



Photo 21

Passage 3, Munshi Shopping Complex, Second Floor



Photo 22

Kitchen, Munshi Shopping Complex, Second Floor

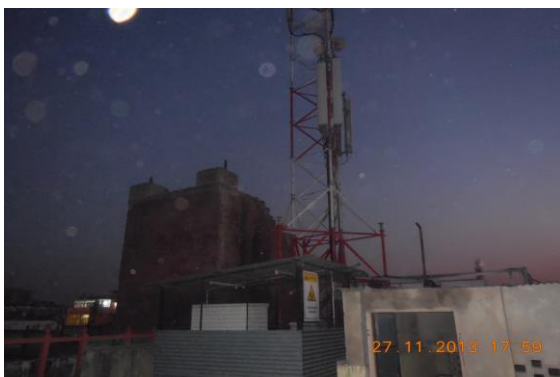


Photo 23

View of Tower 1 & Machinery, Munshi Shopping Complex, Third Floor

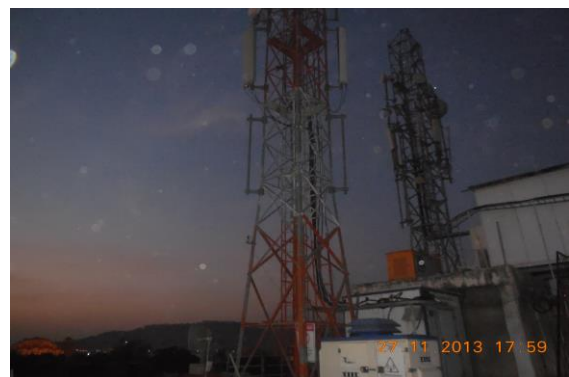


Photo 24

View of Tower 2 & Machinery, Munshi Shopping Complex, Third Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 25

View of Tower 2 & Machinery, Munshi Shopping Complex, Third Floor



Photo 26

View of Tower 3 & Machinery, Munshi Shopping Complex, Terrace



Photo 27

View of Tower 3 & Machinery, Munshi Shopping Complex, Terrace



Photo 28

Vertical Crack on Wall No. 4 of Shop No.337 & 338, Basement, Approx. Width = 0.2mm, Approx. Length = 5.5m. Distance from Wall no.1 = 0m, Height from Floor = 2.8m.



Photo 29

Inclined Crack on Wall No. 2 of Passage, Munshi Shopping Complex, Ground Floor, Approx. Width = 0.2mm, Approx. Length = 1.4m. Distance from Wall No. 3 = 2.2m, Height from Floor = 1.5m.



Photo 29A

Inclined Crack on Wall No. 2 of Passage, Munshi Shopping Complex, Ground Floor, Approx. Width = 0.2mm, Approx. Length = 1.4m. Distance from Wall No. 3 = 2.2m, Height from Floor = 1.5m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 30

Vertical Crack on Parapet Wall of Stair Basement to GF, Munshi Shop. Complex, G. Floor, Approx. Width = 5mm, Approx. Length = 0.3m. Distance from Wall No. 1 = 1.2m, Height from Floor = 0m.



Photo 31

Vertical Crack on Parapet Wall of Stair Basement to GF, Munshi Shop. Complex, G. Floor, Approx. Width = 5mm, Approx. Length = 0.3m. Distance from Wall No. 1 = 1.2m, Height from Floor = 0m.



Photo 32

Inclined Crack on Wall No. 4 of Shop No. 5 & 6, Munshi Shopping Complex, Ground Floor, Approx. Width = 2mm, Approx. Length = 0.5m. Distance from Wall No. 2 = 1.5m, Height from Floor = 2.1m.



Photo 33

Inclined Crack on Wall No. 4 of Passage, Munshi Shopping Complex, Upper G. Floor, Approx. Width = 1mm, Approx. Length = 0.6m. Distance from Wall No. 1 = 1.3m, Height from Floor = 0.3m.



Photo 33A

Inclined Crack on Wall No. 4 of Passage, Munshi Shop. Complex, Upper G. Floor, Approx. Width = 1mm, Approx. Length = 0.6m. Distance from Wall No. 1 = 1.3m, Height from Floor = 0.3m.



Photo 34

Horizontal Crack on Roof of Passage 1, Munshi Shopping Complex, Second Floor, Approx. Width = 3mm, Approx. Length = 1.1m. Distance from Wall No. 2 = 1.1m, Height from Floor = 3m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 35

Horizontal Crack on Roof of Passage 1, Munshi Shopping Complex, Second Floor, Approx. Width = 1mm, Approx. Length = 1.1m. Distance from Wall No. 3 = 0m, Height from Floor = 3m.



Photo 36

Inclined Crack on Wall No. 4 of Bathroom, Munshi Shopping Complex, Second Floor, Approx. Width = 1.5mm, Approx. Length = 0.7m. Distance from Wall No. 1 = 0.2m, Height from Floor = 1.5m.



Photo 37

Horizontal Crack on Wall No. 4 of Toilet No. 1, Munshi Shopping Complex, Second Floor, Approx. Width = 0.35mm, Approx. Length = 1m. Distance from Wall No. 1 = 0m, Height from Floor = 2.8m.



Photo 38

Inclined Crack on Wall No. 3 of Hall No. 1, Munshi Shopping Complex, Second Floor, Approx. Width = 1mm, Approx. Length = 5m. Distance from Wall No. 2 = 1.3m, Height from Floor = 0m.



Photo 39

Inclined Crack on Wall No. 3 of Hall No. 1, Munshi Shopping Complex, Second Floor, Approx. Width = 1mm, Approx. Length = 5m. Distance from Wall No. 2 = 1.3m, Height from Floor = 0m.



Photo 39A

Inclined Crack on Wall No. 3 of Hall No. 1, Munshi Shopping Complex, Second Floor, Approx. Width = 1mm, Approx. Length = 5m. Distance from Wall No. 2 = 1.3m, Height from Floor = 0m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 40

Vertical Crack on Wall No. 3 of Hall No. 1, Munshi Shopping Complex, Second Floor, Approx. Width = 0.8mm, Approx. Length = 1.5m. Distance from Wall No. 2 = 1.7m, Height from Floor = 0.6m.



Photo 40A

Vertical Crack on Wall No. 3 of Hall No. 1, Munshi Shopping Complex, Second Floor, Approx. Width = 0.8mm, Approx. Length = 1.5m. Distance from Wall No. 2 = 1.7m, Height from Floor = 0.6m.



Photo 41

Inclined Crack on Wall No. 2 of Hall No. 1, Munshi Shopping Complex, Second Floor, Approx. Width = 0.6mm, Approx. Length = 1.65m. Distance from Wall No. 4 = 3.7m, Height from Floor = 1.6m.



Photo 41A

Inclined Crack on Wall No. 2 of Hall No. 1, Munshi Shopping Complex, Second Floor, Approx. Width = 0.6mm, Approx. Length = 1.65m. Distance from Wall No. 4 = 3.7m, Height from Floor = 1.6m.



Photo 42

Inclined Crack on Wall No. 2 of Hall No. 1, Munshi Shopping Complex, Second Floor, Approx. Width = 0.8mm, Approx. Length = 3.2m. Distance from Wall No. 4 = 2m, Height from Floor = 0.5m.



Photo 42A

Inclined Crack on Wall No. 2 of Hall No. 1, Munshi Shopping Complex, Second Floor, Approx. Width = 0.8mm, Approx. Length = 3.2m. Distance from Wall No. 4 = 2m, Height from Floor = 0.5m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 43

Horizontal Crack on Wall No. 1 of Toilet No. 1, Munshi Shopping Complex, Second Floor, Approx. Width = 10mm, Approx. Length = 2m. Distance from Wall No. 3 = 0m, Height from Floor = 3m.



Photo 44

Vertical Crack on Wall No. 1 & 4 of Stair Inside Shop FF to SF Steps, Munshi Shop. Complex, S. Floor, App. Width = 0.35mm, App. Length = 2.5m. Distance Wall No. 3 = 0.4m, Height Floor = 1.5m.



Photo 45

Vertical Crack on Wall No. 1 of Hall No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 0.15mm, Approx. Length = 3.3m. Distance from Wall No. 4 = 1.5m, Height from Floor = 0m.



Photo 45A

Vertical Crack on Wall No. 1 of Hall No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 0.15mm, Approx. Length = 3.3m. Distance from Wall No. 4 = 1.5m, Height from Floor = 0m.



Photo 46

Inclined Crack on Wall No. 2 of Hall No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 1.5mm, Approx. Length = 2.3m. Distance from Wall No. 4 = 1m, Height from Floor = 1.5m.



Photo 46A

Inclined Crack on Wall No. 2 of Hall No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 1.5mm, Approx. Length = 2.3m. Distance from Wall No. 4 = 1m, Height from Floor = 1.5m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 47

Vertical Crack on Wall No. 2 of Hall No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 0.15mm, Approx. Length = 3.5m. Distance from Wall No. 4 = 5m, Height from Floor = 1.3m.



Photo 47A

Vertical Crack on Wall No. 2 of Hall No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 0.15mm, Approx. Length = 3.5m. Distance from Wall No. 4 = 5m, Height from Floor = 1.3m.



Photo 48

Inclined Crack on Wall No. 3 of Room No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 11mm, Approx. Length = 1.7m. Distance from Wall No. 2 = 1m, Height from Floor = 2m.



Photo 48A

Inclined Crack on Wall No. 3 of Room No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 11mm, Approx. Length = 1.7m. Distance from Wall No. 2 = 1m, Height from Floor = 2m.



Photo 49

Vertical Crack on Wall No. 1 of Room No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 2.5mm, Approx. Length = 1.35m. Distance from Wall No. 4 = 0.15m, Height from Floor = 1.2m.



Photo 49A

Vertical Crack on Wall No. 1 of Room No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 2.5mm, Approx. Length = 1.35m. Distance from Wall No. 4 = 0.15m, Height from Floor = 1.2m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 50

Vertical Crack on Wall No. 1 of Room No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 0.15mm, Approx. Length = 1.35m. Distance from Wall No.4 = 0.4m, Height from Floor = 1.2m.



Photo 50A

Vertical Crack on Wall No. 1 of Room No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 0.15mm, Approx. Length = 1.35m. Distance from Wall No.4 = 0.4m, Height from Floor = 1.2m.



Photo 51

Vertical Crack on Wall No. 4 of Room No. 1, Munshi Shopping Complex, Third Floor, Approx. Width = 2mm, Approx. Length = 1.5m. Distance from Wall No. 2 = 0.5m, Height from Floor = 2m.



Photo 52

Horizontal Crack on Wall No. 2 of Stair 1 SF to Third Floor, Munshi Shop. Complex, T.Floor, Approx. Width = 0.2mm, Approx. Length = 3m. Distance from Wall No. 3 = 0.8m, Height from Floor = 1.7m.



Photo 52A

Horizontal Crack on Wall No. 2 of Stair 1 SF to Third Floor, Munshi Shop. Complex, T. Floor, Approx. Width = 0.2mm, Approx. Length = 3m. Distance from Wall No. 3 = 0.8m, Height from Floor = 1.7m.



Photo 53

Peeling of Plaster on Outer Wall Column of Varanda of Shop No.335, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 54

Peeling of Plaster on Roof of Passage No.1 of Ground Floor



Photo 55

Peeling of Plaster on Wall No. 2 of Passage No.1 of Ground Floor



Photo 56

Dampness/Seepage on Wall No. 4 of Passage No.2 of Basement



Photo 57

Dampness/Seepage on Roof of Shop No.27 of Basement



Photo 58

Peeling of Plaster on Wall No. 3 of Shop No.27 of Basement



Photo 59

Peeling of Plaster on Wall No. 4 of Shaft A Area of Basement



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 60

Peeling of Plaster on Wall No. 1 of Shaft A Area of Basement



Photo 61

Peeling of Plaster on Wall No. 2 of Shaft A Area of Basement



Photo 62

Peeling of Plaster on Wall No. 4 of Store No.1 of Basement

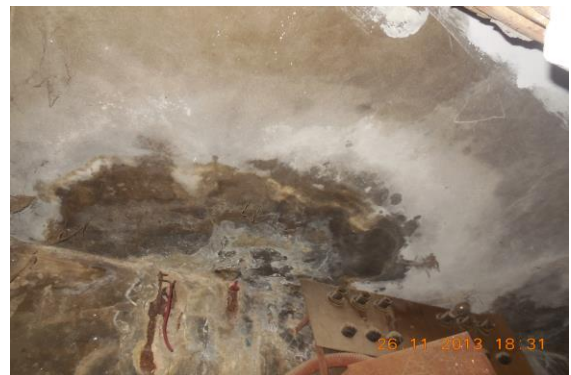


Photo 63

Peeling of Plaster on Roof of Store No.1 of Basement



Photo 64

Peeling of Plaster of Stair Steps Basement to GF of Munshi Shopping Complex, Ground Floor



Photo 65

Dampness/Seepage on Wall No. 4 & 2 of Shop No. 7 of Munshi Shopping Complex, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 66

Dampness/Seepage on Wall No. 4 of Shop No. 8 of Munshi Shopping Complex, Ground Floor



Photo 67

Dampness/Seepage on Wall No. 4 of Shop No. 5 & 6 of Munshi Shopping Complex, Ground Floor



Photo 68

Dampness/Seepage on Wall No. 2 of Shop No. 5 & 6 of Munshi Shopping Complex, Ground Floor



Photo 69

Peeling of Plaster on Roof of Hall No. 1 of Munshi Shopping Complex, Upper Ground Floor



Photo 70

Dampness/Seepage on Wall No. 4 of Hall No. 1 of Munshi Shopping Complex, Upper Ground Floor



Photo 71

Peeling of Plaster on Wall No. 5 of Hall No. 1 of Munshi Shopping Complex, Upper Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 72

Dampness/Seepage on Wall No. 2 of Hall No. 1 of Munshi Shopping Complex, Upper Ground Floor



Photo 73

Peeling of Plaster on Wall No. 1 of Hall No. 1 of Munshi Shopping Complex, Upper Ground Floor



Photo 74

Damaged Portion on Floor of Toilet No. 1 of Munshi Shopping Complex, Upper Ground Floor



Photo 75

Peeling of Plaster on Wall No. 3 of Hall No. 1 of Munshi Shopping Complex, Upper Ground Floor



Photo 76

Peeling of Plaster on Wall No. 4 of Passage of Munshi Shopping Complex, Upper Ground Floor



Photo 77

Damaged Portion on Wall No. 4 of Passage of Munshi Shopping Complex, Upper Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 78

Plaster Crack on Wall No. 2 of Passage of Munshi Shopping Complex, Upper Ground Floor



Photo 79

Damaged Portion of Stair UGF to FF Steps of Munshi Shopping Complex, First Floor



Photo 80

Damaged Portion of Stair UGF to FF Steps of Munshi Shopping Complex, First Floor



Photo 81

Dampness/Seepage on Roof of Passage of Munshi Shopping Complex, First Floor



Photo 82

Peeling of Plaster on Roof of Passage of Munshi Shopping Complex, First Floor



Photo 83

Damaged Portion of Stair FF to SF Steps of Munshi Shopping Complex, Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 84  
Damaged Portion of Stair FF to SF Steps of Munshi Shopping Complex, Second Floor



Photo 85  
Exposed Reinforcement on Roof of Passage 1 of Munshi Shopping Complex, Second Floor



Photo 86  
Dampness/Seepage on Wall No. 2 of Passage 1 of Munshi Shopping Complex, Second Floor



Photo 87  
Damaged Portion on Wall No. 4 of Bathroom of Munshi Shopping Complex, Second Floor



Photo 88  
Dampness/Seepage on Roof of Bathroom of Munshi Shopping Complex, Second Floor



Photo 89  
Dampness/Seepage on Wall No. 1 of Toilet No. 1 of Munshi Shopping Complex, Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 90

Damaged Portion on Wall No. 4 of Passage 1 of Munshi Shopping Complex, Second Floor



Photo 91

Plaster Crack on Roof of Hall No. 1 of Munshi Shopping Complex, Second Floor



Photo 92

Damaged Portion on Roof of Hall No. 1 of Munshi Shopping Complex, Second Floor



Photo 93

Damaged Portion on Wall No. 1 of Hall No. 1 of Munshi Shopping Complex, Second Floor



Photo 94

Damaged Portion on Wall No. 2 of Hall No. 1 of Munshi Shopping Complex, Second Floor



Photo 95

Dampness/Seepage on Roof of Passage 2 of Munshi Shopping Complex, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 96

Damaged Portion on Wall No. 4 of Shaft of Munshi Shopping Complex, Second Floor



Photo 97

Peeling of Plaster on Roof of Hall No. 2 of Munshi Shopping Complex, Second Floor



Photo 98

Peeling of Plaster on Roof of Hall No. 2 of Munshi Shopping Complex, Second Floor



Photo 99

Dampness/Seepage on Wall No. 4 of Toilet No. 1 of Munshi Shopping Complex, Second Floor



Photo 100

Plaster Crack on Wall No. 4 of Toilet No. 1 of Munshi Shopping Complex, Second Floor



Photo 101

Dampness/Seepage on Wall No. 3 of Hall No. 1 of Munshi Shopping Complex, Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 102

Dampness/Seepage on Wall No. 1 of Hall No. 1 of Munshi Shopping Complex, Second Floor



Photo 103

Dampness/Seepage on Wall No. 4 of Hall No. 1 of Munshi Shopping Complex, Second Floor



Photo 104

Dampness/Seepage on Wall No. 2 of Hall No. 1 of Munshi Shopping Complex, Second Floor



Photo 105

Dampness/Seepage on Wall No. 4 of Stair 1 SF to Third Floor of Munshi Shopping Complex, Third Floor



Photo 106

Wall No. 1 of Shop No.337 & 338 of Ground Floor Covered With Wooden work



Photo 107

Wall No. 4 of Shop No.337 & 338 of Ground Floor Covered With Wooden work



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 108

Wall No. 2 of Shop No.337 & 338 of Ground Floor Covered With Wooden work



Photo 109

Wall No. 4 of Shop No.337 & 338 of Basement Covered With Material



Photo 110

Wall No. 1 of Shop No.335, Ground Floor Covered With Wooden Racks



Photo 111

Wall No. 4 of Shop No.335, Ground Floor Covered With Wooden Racks



Photo 112

Wall No. 2 of Shop No.335, Ground Floor Covered With Wooden Racks



Photo 113

Shop No.17 of Basement Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 114  
Shop No.18 of Basement Locked



Photo 115  
Shop No.19 of Basement Locked



Photo 116  
Shop No.20 of Basement Locked



Photo 117  
Shop No.21 of Basement Locked



Photo 118  
Wall No. 1, 2 & 4 of Shop No.22 of Basement Covered With Wooden Racks & Material & Falls Ceiling



Photo 119  
Shop No.23 of Basement Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 120  
Shop No.24 of Basement Locked



Photo 121  
Shop No.25 of Basement



Photo 122  
Shop No.26 of Basement



Photo 123  
Wall No. 1 & 4 of Shop No.27 of Basement Covered With Wooden Works & Material



Photo 124  
Wall No. 2 & 4 of Shop No.27 of Basement Covered With Wooden Works & Material



Photo 125  
Shop No.29 of Basement



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 126  
Shop No.30 of Basement



Photo 127  
Shop No.31 of Basement



Photo 128  
Wall No. 1, 4 & Roof of Shop No. 1 & 2 of Munshi Shopping Complex,  
Ground Floor Covered With Material & Falls Ceiling



Photo 129  
Wall No. 2 of Shop No. 1 & 2 of Munshi Shopping Complex, Ground  
Floor Covered With Material



Photo 130  
Shop No. 3 of Munshi Shopping Complex, Ground Floor Locked



Photo 131  
Shop No. 4 of Munshi Shopping Complex, Ground Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 132

Wall No. 4 of Shop No. 13 of Munshi Shopping Complex, Ground Floor Covered with Material



Photo 133

Wall No. 1 & 4 of Shop No. 13 of Munshi Shopping Complex, Ground Floor Covered with Material



Photo 134

Wall No. 2 of Shop No. 13 of Munshi Shopping Complex, Ground Floor Covered with Material



Photo 135

Wall No. 4 of Shop No. 10 & 11 of Munshi Shopping Complex, Ground Floor Covered with Material



Photo 136

Wall No. 1 of Shop No. 10 & 11 of Munshi Shopping Complex, Ground Floor Covered with Material



Photo 137

Wall No. 2 of Shop No. 10 & 11 of Munshi Shopping Complex, Ground Floor Covered with Material

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

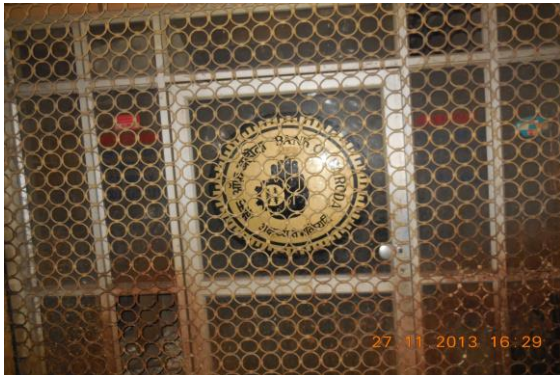


Photo 138

Bank of Baroda of Munshi Shopping Complex, First Floor Locked



Photo 139

Shop No. 4 & 5 of Munshi Shopping Complex, First Floor Locked



Photo 140

Shop No. 4 & 5 of Munshi Shopping Complex, First Floor Locked



Photo 141

Wall No. 1, 4 & 2 of Toilet No. 1 of Munshi Shopping Complex, Second Floor Half Wall Covered with Tiles



Photo 142

All Wall of Sonia Creation of Munshi Shopping Complex, Second Floor Covered With Wooden & Material



Photo 143

All Wall of Sonia Creation of Munshi Shopping Complex, Second Floor Covered With Wooden & Material



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 144

All Wall of Sonia Creation of Munshi Shopping Complex, Second Floor Covered With Wooden & Material



Photo 145

All Wall of Sonia Creation of Munshi Shopping Complex, Second Floor Covered With Wooden & Material



Photo 146

Wall No. All Wall of Sonia Creation of Munshi Shopping Complex, Second Floor Covered With Wooden & Material



Photo 147

Wall No. All Wall of Sonia Creation of Munshi Shopping Complex, Second Floor Covered With Wooden & Material



Photo 148

All Wall of Sonia Creation of Munshi Shopping Complex, Second Floor Covered With Wooden & Material



Photo 149

All Wall of Sonia Creation of Munshi Shopping Complex, Second Floor Covered With Wooden & Material



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 150

Wall No. 4 of Toilet No. 1 of Munshi Shopping Complex, Second Floor  
Half Wall Covered with Tiles



Photo 151

Stair Inside Shop FF to SF Steps of Munshi Shopping Complex,  
Second Floor Made by Wooden



Photo 152

All Wall of Bathroom of Munshi Shopping Complex, Third Floor  
Covered with Tiles



Photo 153

Room No. 2 of Munshi Shopping Complex, Third Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No. 335  
Ramganj Bazaar  
Jaipur  
Unique ID: BC RA UP 0009

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0009/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Mr. Nomman Hazi  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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9	Summary of Areas that Could not be surveyed	
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## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/11/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 2 floors. The structure was constructed in year 1913 and is 100 years old.

There are 1 defects in the structure out of which 0 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category 0 (Negligible)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	0	0%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0009-335	Bangles Art Palace Handicrafts		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No. 335
2	Building Address	Shop No. 335 Ramganj Bazaar Jaipur
3	Year of Construction	1913
4	Number of Floors	G+1
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	6m
8	Approximate Area	Not Known
9	Age of Building	100 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Roof Varanda of Shop No.335 Ground Floor	Dampness/Seepage	2

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Wall No. 1 Part A of Shop no.335 Ground Floor	Covered With Material	3
2	Wall No. 2 Part A of Shop no.335 Ground Floor	Covered With Material	4
3	Roof Part B of Shop no.335 Ground Floor	Covered with False Ceiling	5



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
View of Shop No.335



Photo 2  
Dampness/Seepage on Roof of Varanda of Shop No.335 of Ground Floor



Photo 3  
Wall No. 1 of Part A of Shop no.335 of Ground Floor Covered With Material



Photo 4  
Wall No. 2 of Part A of Shop no.335 of Ground Floor Covered With Material



Photo 5  
Roof of Part B of Shop no.335 of Ground Floor Covered with False Ceiling

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 2137 & Shop 332-334  
332-334, Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0010

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0010/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	01/01/2014	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 5 floors and a basement. The structure was constructed in year 1733 and is 280 years old.

There are 133 defects in the structure out of which 27 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category IV (Severe)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	12	44.44%
Slight (1 to 5mm)	14	51.85%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	1	3.70%
Very Severe (>25mm)	0	0%

The average width of cracks is 1.79mm and average length of cracks is 1.57m. The maximum crack width is 15mm and minimum width is 0.2mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0010-334	Kamal Medicos		
BC-RA/UP/0010-333	Kamal Clinic		
BC-RA/UP/0010-332	Dr. Kishan Singh		
BC-RA/UP/0010-FF-SF	House No. 2137		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2137 & Shop 332-334
2	Building Address	House No. 2137 & Shop 332-334 332-334, Ram Ganj Market Jaipur
3	Year of Construction	1733
4	Number of Floors	B+G+4
5	Number of Basements	1
6	Type of Building	Residential + Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	280 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	1
13	Depth and Diameter of Bore	Not Known
14	Roadways	Two Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Wall No. 1 Bathroom No. 1 Ground Floor	Inclined	0.7	2	Very Slight	13
2	Wall No. 4 Passage No. 1 Ground Floor	Inclined	0.3	1	Very Slight	14
3	Wall No. 3 Garrage Ground Floor	Inclined	0.6	1.3	Very Slight	15
4	Wall No. 3 Garrage Ground Floor	Inclined	1	1.2	Slight	16
5	Wall No. 4 & Roof Room No. 2 Ground Floor	Inclined	2	2	Slight	17
6	Wall No. 2 & Roof Room No. 2 Ground Floor	Inclined	2	2	Slight	18
7	Wall No. 2 & 3 Room No. 2 Ground Floor	Inclined	2	2	Slight	19
8	Wall No. 1 Room No. 2 Ground Floor	Inclined	2	1	Slight	20
9	Shade Open sky No.1 Ground Floor	Inclined	2	5	Slight	21
10	Shade Open sky First Floor	Inclined	1.5	1	Slight	22
11	Sunshade Open sky Second Floor	Inclined	2	1	Slight	23
12	Sunshade Open sky Ground Floor	Inclined	4	1	Slight	24
13	Frontside Wall Building Third Floor	Inclined	4	1	Slight	25
14	Frontside Wall Building Ground Floor	Inclined	0.5	1	Very Slight	26
15	Roof Room No. 2 Second Floor	Inclined	0.5	1	Very Slight	27
16	Roof Room No. 2 Second Floor	Horizontal	1	4	Slight	28
17	Wall No. 4 Room No. 2 Second Floor	Inclined	0.35	0.4	Very Slight	29
18	Roof Room No. 2 Second Floor	Inclined	0.5	1	Very Slight	30
19	Wall No. 4 Room No. 2 Second Floor	Inclined	0.5	1.3	Very Slight	31
20	Roof Store No.1 Second Floor	Inclined	0.5	0.5	Very Slight	32
21	Wall No. 4 Hall No. 1 Second Floor	Inclined	15	1.8	Severe	33
22	Shop No. 332 Ground Floor	Horizontal	0.2	1.8	Very Slight	34
23	Varanda Roof Shop No. 332, Ground Floor	Horizontal	0.35	0.8	Very Slight	35
24	Varanda Roof Shop No. 332, Ground Floor	Horizontal	0.35	2	Very Slight	36
25	Wall No. 1 Shop No. 334 Ground Floor	Inclined	2	3	Slight	37, 37A
26	Wall No. 1 Shop No. 334 Ground Floor	Inclined	1	1	Slight	38, 38A
27	Beam Shop No. 334, Ground Floor	Horizontal	1.5	1.3	Slight	39

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
28	Wall No. 4 Bathroom No. 1 Ground Floor	Peeling of Plaster	40
29	Roof Bathroom No. 1 Ground Floor	Dampness/Seepage	41
30	Wall No. 2 Bathroom No. 1 Ground Floor	Dampness/Seepage	42
31	Wall No. 4 Toilet No. 1 Ground Floor	Peeling of Plaster	43
32	Roof Toilet No. 1 Ground Floor	Dampness/Seepage	44
33	Wall No. 1 & 4 Toilet No. 1 Ground Floor	Dampness/Seepage	45
34	Wall No. 2 Passage No.2 Ground Floor	Peeling of Plaster	46
35	Wall No. 4 Passage No.2 Ground Floor	Dampness/Seepage	47
36	Wall No. 2 Passage no.1 Ground Floor	Dampness/Seepage	48
37	Wall No. 1 Bathroom No. 1 Ground Floor	Peeling of Plaster	49
38	Wall No. 4 & Roof Bathroom No. 1 Ground Floor	Dampness/Seepage	50
39	Wall No. 2 & 4 Bathroom No. 1 Ground Floor	Peeling of Plaster	51
40	Wall No. 3 Bathroom No. 1 Ground Floor	Dampness/Seepage	52



41	Wall No. 4 Garrage Ground Floor	Damaged Portion	53
42	Wall No. 3 & Roof Garrage Ground Floor	Dampness/Seepage	54
43	Wall No. 1 open Area Ground Floor	Peeling of Plaster	55
44	Roof open Area Ground Floor	Peeling of Plaster	56
45	Wall No. 4 open Area Ground Floor	Peeling of Plaster	57
46	Wall No. 2 open Area Ground Floor	Peeling of Plaster	58
47	Wall No. 1 & 3 open Area Ground Floor	Peeling of Plaster	59
48	Roof Room No. 3 Ground Floor	Dampness/Seepage	60
49	Wall No. 1 Room No. 3 Ground Floor	Dampness/Seepage	61
50	Wall No. 4 Room No. 3 Ground Floor	Dampness/Seepage	62
51	Wall No. 2 Room No. 3 Ground Floor	Dampness/Seepage	63
52	Wall No. 3 Room No. 3 Ground Floor	Dampness/Seepage	64
53	Roof Room No. 1 Ground Floor	Peeling of Plaster	65
54	Wall No. 4 & 2 Room No. 1 Ground Floor	Dampness/Seepage	66
55	Wall No. 1 Room No. 1 Ground Floor	Dampness/Seepage	67
56	Wall No. 4 Store no.1 Ground Floor	Dampness/Seepage	68
57	Wall No. 4 Store no.1	Dampness/Seepage	69
58	Wall No. 1, 4 & Roof Hall No. 1 Ground Floor	Dampness/Seepage	70
59	Wall No. 4 Hall No. 1 Ground Floor	Dampness/Seepage	71
60	Wall No. 4 & Roof Hall No. 1 Ground Floor	Dampness/Seepage	72
61	All Walls Room No. 9 Ground Floor	Dampness/Seepage	73
62	Wall No. 1 Varanda No.3 Ground Floor	Damaged Portion	74
63	Wall No. 4 Varanda No.3 Ground Floor	Damaged Portion	75
64	Wall No. 4 Varanda No.3 Ground Floor	Damaged Portion	76
65	Wall No. 3 Varanda No.3 Ground Floor	Damaged Portion	77
66	Wall No. 2 Varanda No.3 Ground Floor	Damaged Portion	78
67	Wall No. 4 Room No. 4 Ground Floor	Peeling of Plaster	79
68	Wall No. 1 Open sky No.2 Ground Floor	Peeling of Plaster	80
69	Wall No. 2 & 4 Open sky No.2 Ground Floor	Dampness/Seepage	81
70	Wall No. 2, 3 & Roof Open sky No.2 Ground Floor	Damaged Portion	82
71	Frontside Wall Building Ground Floor	Peeling of Plaster	83
72	Sunshade Building Ground Floor	Peeling of Plaster	84
73	Frontside Wall Building First Floor	Peeling of Plaster	85
74	Leftside Wall Building Third Floor	Peeling of Plaster	86
75	Wall No. 1, 3 & Roof Hall No. 1 First Floor	Dampness/Seepage	87
76	Wall No. 2, 3 & Roof Room No. 2 Second Floor	Peeling of Plaster	88
77	Wall No. 1, 4 & Roof Room No. 2 Second Floor	Damaged Portion	89
78	Floor Room No. 2 Second Floor	Peeling of Plaster	90
79	Wall No. 4, 2 & Roof Kitchen Second Floor	Dampness/Seepage	91
80	Wall No. 2 Kitchen Second Floor	Peeling of Plaster	92
81	Roof Kitchen Second Floor	Damaged Portion	93
82	Wall No. 4 & Roof Bathroom No. Second Floor	Peeling of Plaster	94
83	Wall No. 4 Bathroom No. 1 Second Floor	Damaged Portion	95
84	Wall No. 4 & Roof Toilet No. 1 Second Floor	Dampness/Seepage	96
85	Wall No. 2 Toilet No. 1 Second Floor	Damaged Portion	97
86	Wall No. 1 & Sunshade open area Second Floor	Damaged Portion	98
87	Wall No. 4 & Sunshade open area Second Floor	Dampness/Seepage	99
88	Roof Toilet No. 1 Second Floor	Damaged Portion	100
89	Roof Kitchen No.2 Second Floor	Peeling of Plaster	101
90	Wall No. 2 Hall No. 3 Second Floor	Dampness/Seepage	102
91	Roof Hall No. 1 Second Floor	Dampness/Seepage	103
92	Wall No. 4 Store No.1 Second Floor	Damaged Portion	104
93	Wall No. 2 Store No.1 Second Floor	Damaged Portion	105

94	Wall No. 1 Store No.1 Second Floor	Peeling of Plaster	106
95	Roof Toilet No. 2 Second Floor	Damaged Portion	107
96	Wall No. 4 Toilet No. 2 Second Floor	Dampness/Seepage	108
97	Wall No. Roof & 2 Toilet No. 2 Second Floor	Dampness/Seepage	109
98	Wall No. 3 Toilet No. 2 Second Floor	Damaged Portion	110
99	All Walls & Roof Toilet No. 1 Fourth Floor	Dampness/Seepage	111
100	Roof Toilet No. 2 Fourth Floor	Peeling of Plaster	112
101	All Walls Toilet No. 2 Fourth Floor	Dampness/Seepage	113
102	Room No. 3 Fourth Floor	Dampness/Seepage	114
103	Third Floor	Damaged Portion	115
104	Varanda Roof Shop No. 332, Ground Floor	Dampness/Seepage	116
105	Outer Wall Shop No. 332 Ground Floor	Peeling of Plaster	117
106	Varanda Roof Shop No. 332, Ground Floor	Dampness/Seepage	118
107	Wall No. 2 Shop No. 334 Ground Floor	Peeling of Plaster	119
108	Varanda Shop No. 334, Ground Floor	Dampness/Seepage	120
109	Wall No. 4 Shop No. 334 Ground Floor	Peeling of Plaster	121
110	Wall No. 2 Shop No. 334 Ground Floor	Peeling of Plaster	122
111	Wall No. 2 First Floor	Peeling of Plaster	123
112	Wall No. 4 & Roof Room No. 1 First Floor	Dampness/Seepage	124
113	Wall No. 4 First Floor	Peeling of Plaster	125
114	Wall No. 4 Room No. 2 First Floor	Peeling of Plaster	126
115	Wall No. 4 Lobby 2 First Floor	Peeling of Plaster	127
116	Roof First Floor	Peeling of Plaster	128
117	Wall No. 3 & Roof Room No. 5 First Floor	Peeling of Plaster	129
118	Wall No. 2 Room No. 5 First Floor	Peeling of Plaster	130
119	Wall No. 4 & Roof Stair GF to FF	Dampness/Seepage	131
120	Wall No. 1 First Floor	Peeling of Plaster	132
121	Wall No. 2 First Floor	Peeling of Plaster	133
122	Wall No. 3 First Floor	Peeling of Plaster	134
123	Roof Hall No. 1 First Floor	Peeling of Plaster	135
124	Wall No. 2 First Floor	Dampness/Seepage	136
125	Wall No. 1 First Floor	Peeling of Plaster	137
126	Wall No. 4 First Floor	Peeling of Plaster	138
127	Roof First Floor	Peeling of Plaster	139
128	Roof Toilet No. 1 First Floor	Peeling of Plaster	140
129	Wall No. 3 Toilet No. 1 First Floor	Peeling of Plaster	141
130	Back view	Damaged Portion	142
131	Outerwall & Leftside External Column Beam Varanda of Shop No.332 Ground Floor	Damaged Portion	143
132	Outerwall & 3 Varanda of Shop No.332 Ground Floor	Dampness/Seepage	144
133	Roof Varanda of Shop No.332 Ground Floor	Peeling of Plaster	145

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Room No. 8 Ground Floor	NO Way to entry	146
2	Hall No. 2 Ground Floor	No Way To entry	147
3	Floor Hall No. 1 Ground Floor	Covered	148
4	Room No. 10 Ground Floor	Covered with material	149
5	Room No. 6 Ground Floor	Room No.6 Locked	150
6	Room No. 5 Ground Floor	Room No.5 Locked	151
7	Room No. 1 First Floor	Locked	152
8	Room No. 2 First Floor	Locked	153
9	Room No. 3 First Floor	Locked	154

10	Hall No. 2 First Floor	Locked	155
11	Toilet No. 2 Second Floor	Locked	156
12	Pantry Second Floor	Locked	157
13	Toilet No. 6 Second Floor	Locked	158
14	Toilet No. 1 Second Floor	Locked	159
15	Toilet No. 8 Second Floor	Locked	160
16	Toilet No. 7 Second Floor	Locked	161
17	All Walls Hall No. 2 Second Floor	covered with almira	162
18	All Walls Toilet No. 1 Second Floor	Covered with Tiles	163
19	All Walls kitchen No.2 Second Floor	Half covered with Tiles	164
20	All Walls & Roof Hall No. 4 Second Floor	Covered with Falls Ceiling	165
21	Hall No. 1 Fourth Floor	locked	166
22	Room No. 1 Fourth Floor	Locked	167
23	Room No. 2 Fourth Floor	Locked	168
24	Hall No. 2 Fourth Floor	Locked	169
25	Wall No. 1 & 4 Shop No. 332 Ground Floor	Covered with Material	170
26	Wall No. 2 & 4 Shop No. 332 Ground Floor	Covered with Material	171
27	All Walls Toilet No. 1 First Floor	Covered with Tiles	172
28	All Walls Bathroom No. 1 First Floor	Covered with Tiles	173
29	All Walls Toilet No. 1 First Floor	Covered with Tiles	174
30	Store 2 First Floor	Locked	175
31	Store 1 First Floor	Locked	176
32	Wall No. 1 & 4 Shop No.332 Ground Floor	Covered With Material	177
33	Roof Shop No.332 Ground Floor	Covered With Material	178



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Photo 1  
View of House No.2137



Photo 2  
View of Borewell, Ground Floor



Photo 3  
View of House No.2137, Ground Floor



Photo 4  
View of Room No.3, Second Floor



Photo 5  
View of Room No.4, Second Floor



Photo 6  
Covered with Tiles, Second Floor

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Photo 7  
Shop No. 332, Ground Floor



Photo 8  
Shop No. 333 & 334, Ground Floor



Photo 9  
Shop No. 333 & 334, Ground Floor



Photo 10  
, Ground Floor

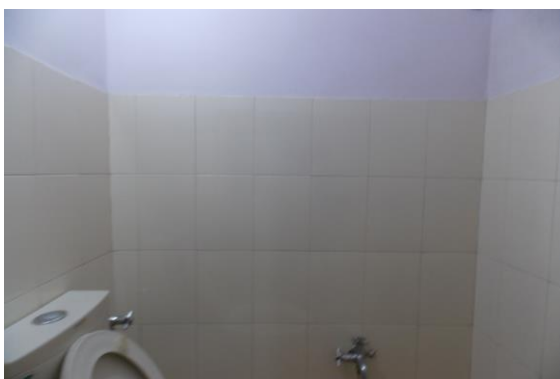


Photo 11  
, First Floor



Photo 12  
View of Shop No.332, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Inclined Crack on Wall No. 1 of Bathroom No. , Ground Floor, Approx. Width = 0.7mm, Approx. Length = 2m. , Height from Floor = m.



Photo 14

Inclined Crack on Wall No. 4 of Passage No.1, Ground Floor, Approx. Width = 0.3mm, Approx. Length = 1m. , Height from Floor = m.



Photo 15

Inclined Crack on Wall No. 3 of Garrage, Ground Floor, Approx. Width = 0.6mm, Approx. Length = 1.3m. Distance from Wall no.2 = 2.8m, Height from Floor = 1.8m.



Photo 16

Inclined Crack on Wall No. 3 of Garrage, Ground Floor, Approx. Width = 1mm, Approx. Length = 1.2m. Distance from Wall no.2 = 3.8m, Height from Floor = 1.1m.



Photo 17

Inclined Crack on Wall No. 4 & Roof of Room No. 2, Ground Floor, Approx. Width = 2mm, Approx. Length = 2m. , Height from Floor = m.



Photo 18

Inclined Crack on Wall No. 2 & Roof of Room No. 2, Ground Floor, Approx. Width = 2mm, Approx. Length = 2m. , Height from Floor = m.



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Photo 19

Inclined Crack on Wall No. 2 & 3 of Room No. 2, Ground Floor, Approx.  
Width = 2mm, Approx. Length = 2m.  
, Height from Floor = m.



Photo 20

Inclined Crack on Wall No. 1 of Room No. 2, Ground Floor, Approx.  
Width = 2mm, Approx. Length = 1m.  
, Height from Floor = m.



Photo 21

Inclined Crack on Shade of Open sky No.1, Ground Floor, Approx.  
Width = 2mm, Approx. Length = 5m.  
Distance from Left side wall No.1 = 4m, Height from Floor = 3m.



Photo 22

Inclined Crack on Shade of Open sky, First Floor, Approx. Width =  
1.5mm, Approx. Length = 1m.  
, Height from Floor = 7m.



Photo 23

Inclined Crack on Sunshade of Open sky, Second Floor, Approx. Width  
= 2mm, Approx. Length = 1m.  
, Height from Floor = m.



Photo 24

Inclined Crack on Sunshade of Open sky, Ground Floor, Approx. Width  
= 4mm, Approx. Length = 1m.  
Distance from Left side wall No.1 = 4m, Height from Floor = 0.1m.

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Photo 25

Inclined Crack on Frontside Wall of Building, Third Floor, Approx. Width = 4mm, Approx. Length = 1m.  
Distance from Left side wall No.1 = 4m, Height from Floor = 13m.



Photo 26

Inclined Crack on Frontside Wall of Building, Ground Floor, Approx. Width = 0.5mm, Approx. Length = 1m.  
, Height from Floor = m.



Photo 27

Inclined Crack on Roof of Room No. 2, Second Floor, Approx. Width = 0.5mm, Approx. Length = 1m.  
, Height from Floor = m.



Photo 28

Horizontal Crack on Roof of Room No. 2, Second Floor, Approx. Width = 1mm, Approx. Length = 4m.  
Distance from Wall no.1 = 1.9m, Height from Floor = 2.7m.



Photo 29

Inclined Crack on Wall No. 4 of Room No. 2, Second Floor, Approx. Width = 0.35mm, Approx. Length = 0.4m.  
Distance from Wall no.1 = 1.8m, Height from Floor = 2m.



Photo 30

Inclined Crack on Roof of Room No. 2, Second Floor, Approx. Width = 0.5mm, Approx. Length = 1m.  
Distance from = m, Height from Floor = m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 31

Inclined Crack on Wall No. 4 of Room No. 2, Second Floor, Approx. Width = 0.5mm, Approx. Length = 1.3m.  
Distance from Wall No.1 = 0.4m, Height from Floor = 0.1m.



Photo 32

Inclined Crack on Roof of Store No.1, Second Floor, Approx. Width = 0.5mm, Approx. Length = 0.5m.  
Distance from = m, Height from Floor = m.



Photo 33

Inclined Crack on Wall No. 4 of Hall No. 1, Second Floor, Approx. Width = 15mm, Approx. Length = 1.8m.  
Distance from Wall No.2 = 1.8m, Height from Floor = 2.5m.



Photo 34

Horizontal Crack on Shop No. 332, Ground Floor, Approx. Width = 0.2mm, Approx. Length = 1.8m.  
Distance from Left External Col = 0m, Height from Floor = 3m.



Photo 35

Horizontal Crack on Varandah Roof, Shop No. 332, Ground Floor, Approx. Width = 0.35mm, Approx. Length = 0.8m.  
Distance from Left External Col = 0m, Height from Floor = 3m.



Photo 36

Horizontal Crack on Varandah Roof, Shop No. 332, Ground Floor, Approx. Width = 0.35mm, Approx. Length = 2m.  
Distance from Right External Col = 0m, Height from Floor = 3m.



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Photo 37

Inclined Crack on Wall No. 1 of Shop No. 334, Ground Floor, Approx.  
Width = 2mm, Approx. Length = 3m.  
, Height from Floor = 0m.



Photo 37A

Inclined Crack on Wall No. 1 of Shop No. 334, Ground Floor, Approx.  
Width = 2mm, Approx. Length = 3m.  
, Height from Floor = 0m.



Photo 38

Inclined Crack on Wall No. 1 of Shop No. 334, Ground Floor, Approx.  
Width = 1mm, Approx. Length = 1m.  
Distance from Wall no. 3 = 1.5m, Height from Floor = 0m.



Photo 38A

Inclined Crack on Wall No. 1 of Shop No. 334, Ground Floor, Approx.  
Width = 1mm, Approx. Length = 1m.  
Distance from Wall no. 3 = 1.5m, Height from Floor = 0m.



Photo 39

Horizontal Crack on Beam, Shop No. 334, Ground Floor, Approx. Width  
= 1.5mm, Approx. Length = 1.3m.  
Distance from Wall no.2 = 0.15m, Height from Floor = 3.1m.



Photo 40

Peeling of Plaster on Wall No. 4 of Bathroom No. 1 of Ground Floor

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Photo 41  
Dampness/Seepage on Roof of Bathroom of Ground Floor



Photo 42  
Dampness/Seepage on Wall No. 2 of Bathroom No. 1 of Ground Floor



Photo 43  
Peeling of Plaster on Wall No. 4 of Toilet No. 1 of Ground Floor



Photo 44  
Dampness/Seepage on Roof of Toilet No. 1 of Ground Floor



Photo 45  
Dampness/Seepage on Wall No. 1 & 4 of Toilet No. 1 of Ground Floor



Photo 46  
Peeling of Plaster on Wall No. 2 of Passage No.2 of Ground Floor

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Photo 47

Dampness/Seepage on Wall No. 4 of Passage No.2 of Ground Floor



Photo 48

Dampness/Seepage on Wall No. 2 of Passage no.1 of Ground Floor



Photo 49

Peeling of Plaster on Wall No. 1 of Bathroom of Ground Floor



Photo 50

Dampness/Seepage on Wall No. 4 & Roof of Bathroom of Ground Floor



Photo 51

Peeling of Plaster on Wall No. 2 & 4 of Bathroom of Ground Floor



Photo 52

Dampness/Seepage on Wall No. 3 of Bathroom of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 53

Damaged Portion on Wall No. 4 of Garrage of Ground Floor



Photo 54

Dampness/Seepage on Wall No. 3 & Roof of Garrage of Ground Floor



Photo 55

Peeling of Plaster on Wall No. 1 of open Area of Ground Floor



Photo 56

Peeling of Plaster on Roof of open Area of Ground Floor



Photo 57

Peeling of Plaster on Wall No. 4 of open Area of Ground Floor



Photo 58

Peeling of Plaster on Wall No. 2 of open Area of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 59

Peeling of Plaster on Wall No. 1 & 3 of open Area of Ground Floor



Photo 60

Dampness/Seepage on Roof of Room No. 3 of Ground Floor



Photo 61

Dampness/Seepage on Wall No. 1 of Room No. 3 of Ground Floor



Photo 62

Dampness/Seepage on Wall No. 4 of Room No. 3 of Ground Floor



Photo 63

Dampness/Seepage on Wall No. 2 of Room No. 3 of Ground Floor



Photo 64

Dampness/Seepage on Wall No. 3 of Room No. 3 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 65

Peeling of Plaster on Roof of Room No. 1 of Ground Floor



Photo 66

Dampness/Seepage on Wall No. 4 & 2 of Room No. 1 of Ground Floor



Photo 67

Dampness/Seepage on Wall No. 1 of Room No. 1 of Ground Floor



Photo 68

Dampness/Seepage on Wall No. 4 of Store no.1 of Ground Floor



Photo 69

Dampness/Seepage on Wall No. 4 of Store no.1



Photo 70

Dampness/Seepage on Wall No. 1, 4 & Roof of Hall No. 1 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 71

Dampness/Seepage on Wall No. 4 of Hall No. 1 of Ground Floor



Photo 72

Dampness/Seepage on Wall No. 4 & Roof of Hall No. 1 of Ground Floor



Photo 73

Dampness/Seepage on All Walls of Room No. 9 of Ground Floor



Photo 74

Damaged Portion on Wall No. 1 of Varanda No.3 of Ground Floor



Photo 75

Damaged Portion on Wall No. 4 of Varanda No.3 of Ground Floor



Photo 76

Damaged Portion on Wall No. 4 of Varanda No.3 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 77

Damaged Portion on Wall No. 3 of Varanda No.3 of Ground Floor



Photo 78

Damaged Portion on Wall No. 2 of Varanda No.3 of Ground Floor



Photo 79

Peeling of Plaster on Wall No. 4 of Room No. 4 of Ground Floor



Photo 80

Peeling of Plaster on Wall No. 1 of Open sky No.2 of Ground Floor



Photo 81

Dampness/Seepage on Wall No. 2 & 4 of Open sky No.2 of Ground Floor



Photo 82

Damaged Portion on Wall No. 2, 3 & Roof of Open sky No.2 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 83

Peeling of Plaster on Frontside Wall of Building of Ground Floor



Photo 84

Peeling of Plaster on Sunshade of Building of Ground Floor



Photo 85

Peeling of Plaster on Frontside Wall of Building of First Floor



Photo 86

Peeling of Plaster on Leftside Wall of Building of Third Floor



Photo 87

Dampness/Seepage on Wall No. 1, 3 & Roof of Hall No. 1 of First Floor



Photo 88

Peeling of Plaster on Wall No. 2, 3 & Roof of Room No. 2 of Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 89

Damaged Portion on Wall No. 1, 4 & Roof of Room No. 2 of Second Floor



Photo 90

Peeling of Plaster on Floor of Room No. 2 of Second Floor



Photo 91

Dampness/Seepage on Wall No. 4, 2 & Roof of Kitchen of Second Floor



Photo 92

Peeling of Plaster on Wall No. 2 of Kitchen of Second Floor



Photo 93

Damaged Portion on Roof of Kitchen of Second Floor



Photo 94

Peeling of Plaster on Wall No. 4 & Roof of Bathroom of Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 95  
Damaged Portion on Wall No. 4 of Bathroom of Second Floor



Photo 96  
Dampness/Seepage on Wall No. 4 & Roof of Toilet No. 1 of Second Floor



Photo 97  
Damaged Portion on Wall No. 2 of Toilet No. 1 of Second Floor



Photo 98  
Damaged Portion on Wall No. 1 & Sunshade of open area of Second Floor



Photo 99  
Dampness/Seepage on Wall No. 4 & Sunshade of open area of Second Floor



Photo 100  
Damaged Portion on Roof of Toilet No. 1 of Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 101  
Peeling of Plaster on Roof of Kitchen No.2 of Second Floor



Photo 102  
Dampness/Seepage on Wall No. 2 of Hall No. 3 of Second Floor



Photo 103  
Dampness/Seepage on Roof of Hall No. 1 of Second Floor



Photo 104  
Damaged Portion on Wall No. 4 of Store No.1 of Second Floor



Photo 105  
Damaged Portion on Wall No. 2 of Store No.1 of Second Floor



Photo 106  
Peeling of Plaster on Wall No. 1 of Store No.1 of Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 107  
Damaged Portion on Roof of Toilet No. 2 of Second Floor



Photo 108  
Dampness/Seepage on Wall No. 4 of Toilet No. 2 of Second Floor



Photo 109  
Dampness/Seepage on Roof & 2 of Toilet No. 2 of Second Floor



Photo 110  
Damaged Portion on Wall No. 3 of Toilet No. 2 of Second Floor



Photo 111  
Dampness/Seepage on All Walls & Roof of Toilet No. 1 of Fourth Floor



Photo 112  
Peeling of Plaster on Roof of Toilet No. 2 of Fourth Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 113  
Dampness/Seepage on All Walls of Toilet No. 2 of Fourth Floor



Photo 114  
Dampness/Seepage on Room No. 3 of Fourth Floor



Photo 115  
Damaged Portion on of Third Floor



Photo 116  
Dampness/Seepage on of Varandah Roof of Shop No. 332, Ground Floor



Photo 117  
Peeling of Plaster on Outer Wall of Shop No. 332 of Ground Floor



Photo 118  
Dampness/Seepage on Varanda Roof of Shop No. 332, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 119

Peeling of Plaster on Wall No. 2 of Shop No. 334 of Ground Floor



Photo 120

Dampness/Seepage on Varanda of Shop No. 334, Ground Floor



Photo 121

Peeling of Plaster on Wall No. 4 of Shop No. 334 of Ground Floor



Photo 122

Peeling of Plaster on Wall No. 2 of Shop No. 334 of Ground Floor



Photo 123

Peeling of Plaster on Wall No. 2 of First Floor



Photo 124

Dampness/Seepage on Wall No. 4 & Roof of Room No. 1 of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 125  
Peeling of Plaster on Wall No. 4 of First Floor



Photo 126  
Peeling of Plaster on Wall No. 4 of Room No. 2 of First Floor



Photo 127  
Peeling of Plaster on Wall No. 4 of Lobby 2 of First Floor



Photo 128  
Peeling of Plaster on Roof of First Floor



Photo 129  
Peeling of Plaster on Roof & 3 of Room No. 5 of First Floor



Photo 130  
Peeling of Plaster on Wall No. 2 of Room No. 5 of First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 131  
Dampness/Seepage on Roof & 4 of Stair GF to FF



Photo 132  
Peeling of Plaster on Wall No. 1 of First Floor



Photo 133  
Peeling of Plaster on Wall No. 2 of First Floor



Photo 134  
Peeling of Plaster on Wall No. 3 of First Floor



Photo 135  
Peeling of Plaster on Roof of Hall No. 1 of First Floor



Photo 136  
Dampness/Seepage on Wall No. 2 of First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 137  
Peeling of Plaster on Wall No. 1 of First Floor



Photo 138  
Peeling of Plaster on Wall No. 4 of First Floor



Photo 139  
Peeling of Plaster on Roof of First Floor



Photo 140  
Peeling of Plaster on Roof of Toilet No. 1 of First Floor



Photo 141  
Peeling of Plaster on Wall No. 3 of Toilet No. 1 of First Floor



Photo 142  
Damaged Portion on Back view



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 143

Damaged Portion on Outerwall & Leftside External Column Beam of Varanda of Shop No.332 of Ground Floor



Photo 144

Dampness/Seepage on Outerwall 3 of Varanda of Shop No.332 of Ground Floor



Photo 145

Peeling of Plaster on Roof of Varanda of Shop No.332 of Ground Floor



Photo 146

Room No. 8 of Ground Floor on Way to entry



Photo 147

Hall No. 2 of Ground Floor Way To entry



Photo 148

Floor of Hall No. 1 of Ground Floor Covered

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 149  
Room No. 10 of Ground Floor Covered with material



Photo 150  
Room No. 6 of Ground Floor Room No.6 Locked



Photo 151  
Room No. 5 of Ground Floor Room No.5 Locked



Photo 152  
Room No. 1 of First Floor Locked

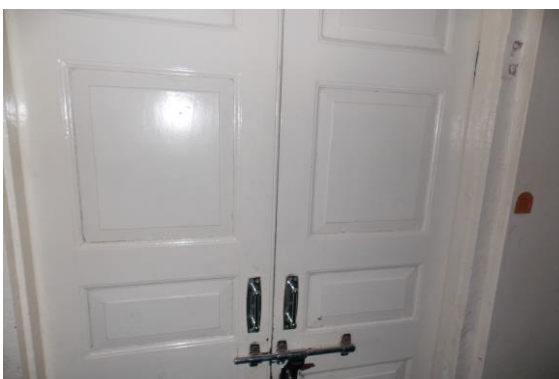


Photo 153  
Room No. 2 of First Floor Locked

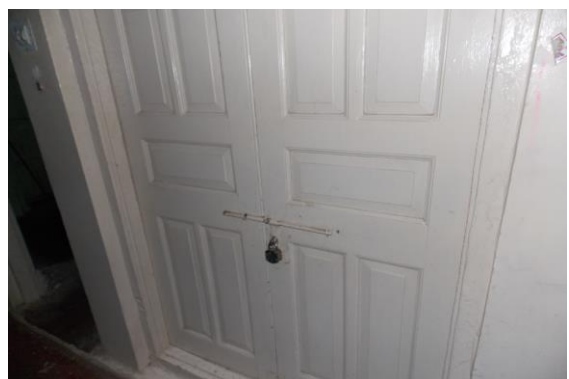


Photo 154  
Room No. 3 of First Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 155  
Hall No. 2 of First Floor Locked



Photo 156  
Toilet No. 2 of Second Floor Locked

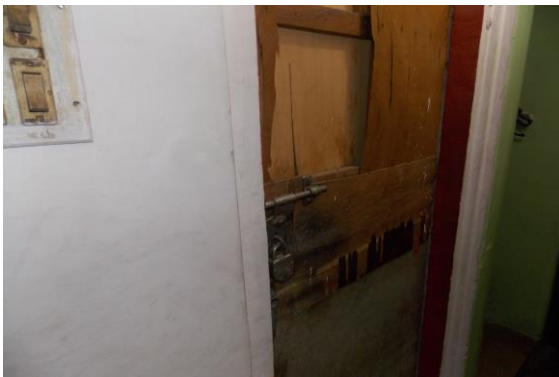


Photo 157  
Pantry of Second Floor Locked



Photo 158  
Toilet No. 6 of Second Floor Locked



Photo 159  
Toilet No. 1 of Second Floor Locked



Photo 160  
Toilet No. 8 of Second Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 161  
Toilet No. 7 of Second Floor Locked



Photo 162  
All Walls of Hall No. 2 of Second Floor covered with almira



Photo 163  
All Walls of Toilet No. 1 of Second Floor Covered with Tiles



Photo 164  
All Walls of kitchen No.2 of Second Floor Half covered with Tiles



Photo 165  
All Walls & Roof of Hall No. 4 of Second Floor Covered with Falls Ceiling



Photo 166  
Hall No. 1 of Fourth Floor locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 167  
Room No. 1 of Fourth Floor Locked



Photo 168  
Room No. 2 of Fourth Floor Locked



Photo 169  
Hall No. 2 of Fourth Floor Locked



Photo 170  
Wall No. 1 & 4 of Shop No. 332 of Ground Floor Covered with Material

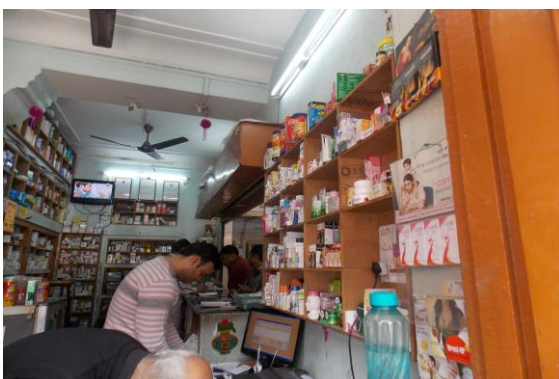


Photo 171  
Wall No. 2 & 4 of Shop No. 332 of Ground Floor Covered with Material



Photo 172  
All Walls of Toilet No. 1 of First Floor Covered with Tiles



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 173

All Walls of Bathroom of First Floor Covered with Tiles



Photo 174

All Walls of Toilet No. 1 of First Floor Covered with Tiles



Photo 175

Store 2 of First Floor Locked



Photo 176

Store 1 of First Floor Locked

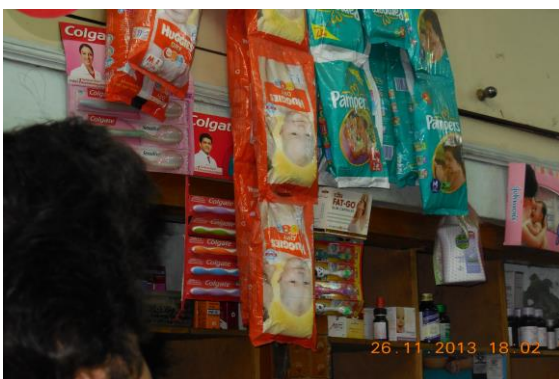


Photo 177

Wall No. 1 & 4 of Shop No.332 of Ground Floor Covered With Material



Photo 178

Roof of Shop No.332 of Ground Floor Covered With Material



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 44E/20 & Shop No. 331, Munshi Cycle Shop  
331, Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0011

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0011/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	30/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 4 floors. The structure was constructed in year 1878 and is 135 years old.

There are 16 defects in the structure out of which 2 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	1	50%
Slight (1 to 5mm)	1	50%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.62mm and average length of cracks is 1.75m. The maximum crack width is 1mm and minimum width is 0.25mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0011-331	Shop No. 331		
BC-RA/UP/0011-FF-SF	House No. 44E/20		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 44E/20 & Shop No. 331, Munshi Cycle Shop
2	Building Address	House No. 44E/20 & Shop No. 331, Munshi Cycle Shop 331, Ram Ganj Market Jaipur
3	Year of Construction	1878
4	Number of Floors	G+3
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	135 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof Varanda of Shop No.331 Ground Floor	Horizontal	0.25	2.5	Very Slight	4
2	Wall No. 2 Room No. 1 House No. 44 E/20, Second Floor	Inclined	1	1	Slight	5, 5A

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
3	Roof Varanda of Shop No.331 Ground Floor	Peeling of Plaster	6
4	Roof Varanda of Shop No.331 Ground Floor	Peeling of Plaster	7
5	Wall No. 2 Toilet No. 1 House No. 44 E/20, First Floor	Dampness/Seepage	8
6	Wall No. 2 Stair First Floor to Second Floor House No. 44 E/20, First Floor	Peeling of Plaster	9
7	Wall No. 1, 4 & Roof Room No. 1 House No. 44 E/20, Second Floor	Dampness/Seepage	10
8	Roof Room No. 1 House No. 44 E/20, Second Floor	Dampness/Seepage	11
9	Wall No. 2 Room No. 1 House No. 44 E/20, Second Floor	Plaster Crack	12
10	Wall No. 2, 3 & Roof Room No. 1 House No. 44 E/20, Second Floor	Dampness/Seepage	13
11	Roof Room No. 1 House No. 44 E/20, Second Floor	Plaster Crack	14
12	Roof Room No. 1 House No. 44 E/20, Second Floor	Plaster Crack	15
13	Wall No. 3 Room No. 1 House No. 44 E/20, Second Floor	Plaster Crack	16
14	Wall No. 3 & Sunshade External Façade at Front Side House No. 44 E/20, First Floor	Damaged Portion	17
15	Wall No. 3 & Sunshade External Façade at Front Side House No. 44 E/20, Second Floor	Damaged Portion	18
16	Wall No. 3 & Sunshade External Façade at Front Side House No. 44 E/20, Second Floor	Damaged Portion	19

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All Walls & Roof Shop No.331 Ground Floor	Covered with Wooden Racks & Falls Ceiling	20
2	Wall No. 1, 4 & Roof Room No. 1 House No. 44 E/20, First Floor	Covered with Wooden Work	21
3	Wall No. 3 Room No. 1 House No. 44 E/20, First Floor	Covered with Wooden Work	22
4	Toilet No. 1 House No. 44 E/20, Second Floor	LOCKED	23
5	Stair Second Floor to Third Floor House No. 44 E/20, Second Floor	LOCKED	24

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
Front View of House No.44E/20



Photo 2  
View of Munshi cycle Store, Ground Floor



Photo 3  
House No. 44 E/20, Third Floor



Photo 4  
Horizontal Crack on Roof of Varanda of Shop No.331, Ground Floor  
Approx. Width = 0.25mm, Approx. Length = 2.5m. Distance from =  
Right side external column, Height from Floor = 3.3m.



Photo 5  
Inclined Crack on Wall No. 2 of Room No. 1, House No. 44 E/20,  
Second Floor Approx. Width = 1mm, Approx. Length = 1m. Distance  
from Wall 4 = 1m, Height from Floor = 1.65m.



Photo 5A  
Inclined Crack on Wall No. 2 of Room No. 1, House No. 44 E/20,  
Second Floor Approx. Width = 1mm, Approx. Length = 1m. Distance  
from Wall 4 = 1m, Height from Floor = 1.65m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 6

Peeling of Plaster on Roof of Varanda of Shop No.331 of Ground Floor



Photo 7

Peeling of Plaster on Roof of Varanda of Shop No.331 of Ground Floor



Photo 8

Dampness/Seepage on Wall No. 2 of Toilet No. 1 of House No. 44 E/20, First Floor



Photo 9

Peeling of Plaster on Wall No. 2 of Stair First Floor to Second Floor of House No. 44 E/20, First Floor



Photo 10

Dampness/Seepage on Wall No. 1, 4 & Roof of Room No. 1 of House No. 44 E/20, Second Floor



Photo 11

Dampness/Seepage on Roof of Room No.1 of House No. 44 E/20, Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 12

Plaster Crack on Wall No. 2 of Room No. 1 of House No. 44 E/20, Second Floor



Photo 13

Dampness/Seepage on Wall No. 2, 3 & Roof of Room No. 1 of House No. 44 E/20, Second Floor

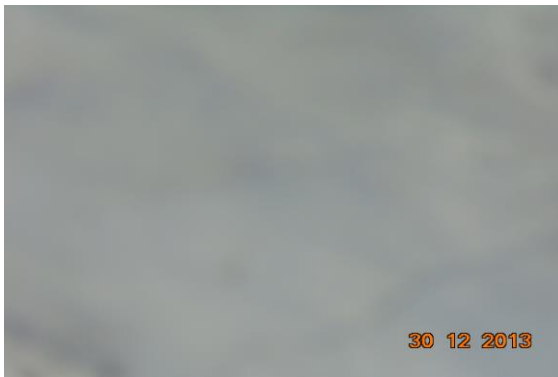


Photo 14

Plaster Crack on Roof of Room No. 1 of House No. 44 E/20, Second Floor



Photo 15

Plaster Crack on Roof of Room No. 1 of House No. 44 E/20, Second Floor



Photo 16

Plaster Crack on Wall No. 3 of Room No. 1 of House No. 44 E/20, Second Floor



Photo 17

Damaged Portion on Wall No. 3 & Sunshade of External Façade at Front Side of House No. 44 E/20, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 18

Damaged Portion on Wall No. 3 & Sunshade of External Façade at Front Side of House No. 44 E/20, Second Floor



Photo 19

Damaged Portion on Wall No. 3 & Sunshade of External Façade at Front Side of House No. 44 E/20, Second Floor



Photo 20

All Walls & Roof of Shop No. 331 of Ground Floor Covered with Wooden Racks & Falls Ceiling



Photo 21

Wall No. 1, 4 & Roof of Room No. 1 of House No. 44 E/20, First Floor Covered with Wooden Work



Photo 22

Wall No. 3 of Room No. 1 of House No. 44 E/20, First Floor Covered with Wooden Work



Photo 23

Toilet No. 1 of House No. 44 E/20, Second Floor LOCKED



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 24

Stair Second Floor to Third Floor of House No. 44 E/20, Second Floor  
LOCKED

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 2469 & Shop No. 330, New Janta Medical Hall  
330, Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0012

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0012/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Mr. Abdul Rehman  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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6	General Building Details	4
7	Summary of Cracks	5
8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	30/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 4 floors. The structure was constructed in year 1878 and is 135 years old.

There are 23 defects in the structure out of which 0 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category 0 (Negligible)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	0	0%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0012-330	Shop No. 330, New Janta Medical Hall		
BC-RA/UP/0012-331			

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2469 & Shop No. 330, New Janta Medical Hall
2	Building Address	House No. 2469 & Shop No. 330, New Janta Medical Hall 330, Ram Ganj Market Jaipur
3	Year of Construction	1878
4	Number of Floors	G+3
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	135 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	1, 1A

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Wall No. 4 Room No. 1 House No. 2469, First Floor	Peeling of Plaster	2
2	Wall No. 2 & Roof Room No. 1 House No. 2469, First Floor	Dampness/Seepage	3
3	Wall No. 1 Room No. 1 House No. 2469, Third Floor	Peeling of Plaster	4
4	Wall No. 2 Room No. 1 House No. 2469, Third Floor	Peeling of Plaster	5
5	Wall No. 1 Store House No. 2469, Third Floor	Peeling of Plaster	6
6	Roof Room No. 1 Terrace	Peeling of Plaster	7
7	Wall No. 1 House No. 2469 Terrace	Peeling of Plaster	8
8	Wall No. 2 & 4 House No. 2469 Terrace	Dampness/Seepage	9
9	Wall No. 4 Toilet No. 1 Terrace	Dampness/Seepage	10
10	Wall No. 1 Open Sky House No. 2469, Terrace	Plaster Crack	11
11	Wall No. 2 Open Sky House No. 2469, Terrace	Plaster Crack	12
12	Wall No. 3 Open Sky House No. 2469, Terrace	Peeling of Plaster	13
13	Wall No. 3 Open Sky House No. 2469, Terrace	Peeling of Plaster	14
14	Wall No. 3 & Sunshade Open Sky House No. 2469, Terrace	Peeling of Plaster	15
15	Wall No. 1, 2, 3 & Roof Stair Third Floor to Terrace House No. 2469, Terrace	Dampness/Seepage	16
16	Roof Stair Third Floor to Terrace House No. 2469, Terrace	Dampness/Seepage	17
17	Wall No. 1 Stair Third Floor to Terrace House No. 2469, Terrace	Dampness/Seepage	18
18	Wall No. 1, 2, 3 & Roof Stair Third Floor to Terrace House No. 2469, Terrace	Dampness/Seepage	19
19	Wall No. 1 Stair First Floor to Second Floor House No. 2469, Second Floor	Peeling of Plaster	20
20	Wall No. 3 & Sunshade House No. 2469 First Floor	Dampness/Seepage	21
21	Wall No. 3 & Sunshade House No. 2469 Second Floor	Dampness/Seepage	22
22	Wall No. 3 & Sunshade House No. 2469 Second Floor	Damaged Portion	23
23	Wall No. 3 & Sunshade House No. 2469 First Floor	Damaged Portion	24

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Staircase FF to SF House No. 2469, First Floor	Locked	25
2	House No. 2469, Second Floor	Locked	26



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
Front View of House No.2469



Photo 1A  
Front View of House No.2469



Photo 2  
Peeling of Plaster on Wall No. 4 of Room No. 1 of House No. 2469, First Floor



Photo 3  
Dampness/Seepage on Wall No. 2 & Roof of Room No. 1 of House No. 2469, First Floor



Photo 4  
Peeling of Plaster on Wall No. 1 of Room No. 1 of House No. 2469, Third Floor



Photo 5  
Peeling of Plaster on Wall No. 2 of Room No. 1 of House No. 2469, Third Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 6

Peeling of Plaster on Wall No. 1 of Store of House No. 2469, Third Floor



Photo 7

Peeling of Plaster on Roof of Room No. 1 of Terrace



Photo 8

Peeling of Plaster on Wall No. 1 of House No. 2469 of Terrace



Photo 9

Dampness/Seepage on Wall No. 2 & 4 of House No. 2469 of Terrace



Photo 10

Dampness/Seepage on Wall No. 4 of Toilet No. 1 of Terrace



Photo 11

Plaster Crack on Wall No. 1 of Open Sky of House No. 2469, Terrace

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 12  
Plaster Crack on Wall No. 2 of Open Sky of House No. 2469, Terrace



Photo 13  
Peeling of Plaster on Wall No. 3 of Open Sky of House No. 2469, Terrace



Photo 14  
Peeling of Plaster on Wall No. 3 of Open Sky of House No. 2469, Terrace



Photo 15  
Peeling of Plaster on Wall No. 3 & Sunshade of Open Sky of House No. 2469, Terrace



Photo 16  
Dampness/Seepage on Wall No. 1, 2, 3 & Roof of Stair Third Floor to Terrace of House No. 2469, Terrace



Photo 17  
Dampness/Seepage on Roof of Stair Third Floor to Terrace of House No. 2469, Terrace



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 18

Dampness/Seepage on Wall No. 1 of Stair Third Floor to Terrace of House No. 2469, Terrace



Photo 19

Dampness/Seepage on Wall No. 1, 2, 3 & Roof of Stair Third Floor to Terrace of House No. 2469, Terrace



Photo 20

Peeling of Plaster on Wall No. 1 of Stair First Floor to Second Floor of House No. 2469, Second Floor



Photo 21

Dampness/Seepage on Wall No. 3 & Sunshade of House No. 2469 of First Floor



Photo 22

Dampness/Seepage on Wall No. 3 & Sunshade of House No. 2469 of Second Floor



Photo 23

Damaged Portion on Wall No. 3 & Sunshade of House No. 2469 of Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 24

Damaged Portion on Wall No. 3 & Sunshade of House No. 2469 of First Floor



Photo 25

Staircase FF to SF of House No. 2469, First Floor Locked



Photo 26

House No. 2469, Second Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 2466 & Shop No. 329, Nanak Chapal Shop  
329, Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0013

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0013/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 2 floors. The structure was constructed in year 1860 and is 153 years old.

There are 28 defects in the structure out of which 4 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category I (Very Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	4	100%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.31mm and average length of cracks is 1.68m. The maximum crack width is 0.35mm and minimum width is 0.25mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0013-329	Shop No. 329, Nanak Chapal Shop		
BC-RA/UP/0013-FF			
BC-RA/UP/0013-SF			
BC-RA/UP/0013-TF			

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2466 & Shop No. 329, Nanak Chapal Shop
2	Building Address	House No. 2466 & Shop No. 329, Nanak Chapal Shop 329, Ram Ganj Market Jaipur
3	Year of Construction	1860
4	Number of Floors	G+1
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	6m
8	Approximate Area	Not Known
9	Age of Building	153 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof Varanda of Shop No.329 Ground Floor	Horizontal	0.35	2	Very Slight	10
2	External Beam Right side Varanda of Shop No.329 Ground Floor	Inclined	0.35	2.5	Very Slight	11
3	Roof Varanda of Shop No.329 Ground Floor	Horizontal	0.3	1.7	Very Slight	12
4	Sunshade Parapit Wall House No. 2465, First Floor	Inclined	0.25	0.5	Very Slight	13

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
5	Roof Shop No.329 Ground Floor	Dampness/Seepage	14
6	Right side External column Varanda of Shop No.329 Ground Floor	Peeling of Plaster	15
7	Wall No. 4 Varanda House No. 2466, First Floor	Peeling of Plaster	16
8	Wall No. 3 External Wall of Varanda House No. 2466, First Floor	Peeling of Plaster	17
9	Staircase House No. 2466, Second Floor	Peeling of Plaster	18
10	Sunshade Parapit Wall House No. 2465, First Floor	Peeling of Plaster	19
11	Sunshade Parapit Wall House No. 2465, First Floor	Peeling of Plaster	20
12	Wall No. 3 Toilet No. 1 House No. 2465, First Floor	Peeling of Plaster	21
13	Wall No. 3 Toilet No. 1 House No. 2465, First Floor	Peeling of Plaster	22
14	Wall No. 2 Toilet No. 1 House No. 2465, First Floor	Dampness/Seepage	23
15	Wall No. 2 Staircase First Floor to Second Floor House No. 2465, First Floor	Dampness/Seepage	24
16	Wall No. 2 Staircase First Floor to Second Floor House No. 2465, First Floor	Dampness/Seepage	25
17	Wall No. 1 Staircase First Floor to Second Floor House No. 2465, First Floor	Damaged Portion	26
18	Wall No. 1 Staircase First Floor to Second Floor House No. 2465, First Floor	Damaged Portion	27
19	Roof Room No. 1 House No. 2465, Second Floor	Dampness/Seepage	28
20	Roof Room No. 1 House No. 2465, Second Floor	Dampness/Seepage	29
21	Floor House No. 2465, Second Floor	Peeling of Plaster	30
22	Floor House No. 2465, Second Floor	Peeling of Plaster	31
23	Steps of Staircase Second Floor to Third Floor House No. 2465, Second Floor	Damaged Portion	32
24	Wall No. 3 Staircase Second Floor to Third Floor House No. 2465, Second Floor	Peeling of Plaster	33
25	Wall No. 1 Staircase Second Floor to Third Floor House No. 2465, Second Floor	Peeling of Plaster	34
26	Room No. 1 House No. 2465, Third Floor	Peeling of Plaster	35
27	Wall No. 1 Balcony House No. 2465, Third Floor	Plaster Crack	36
28	Wall No. 1 Room No. 1 House No. 2465, Third Floor	Plaster Crack	37

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All Walls & Roof Shop No.329 Ground Floor	Covered with Wooden Racks & Falls Ceiling	38
2	Shop No.328 Ground Floor	Locked	39
3	House No. 2466, Second Floor	Locked	40

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
Front View of House No. 2465



Photo 2  
View of Nanak Chappal & Hoseiry, Ground Floor



Photo 3  
Shop, House No. 2466, First Floor



Photo 4  
Front View of House No.2466, House No. 2466, Ground Floor



Photo 5  
Front View of House No. 2466, House No. 2466



Photo 6  
Room No. 1, House No. 2465, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
Toilet No. 1, House No. 2465, First Floor



Photo 8  
New Construction, House No. 2465, Third Floor



Photo 9  
View of Terrace, House No. 2465, Terrace



Photo 10  
Horizontal Crack on Roof of Varanda of Shop No.329, Ground Floor  
Approx. Width = 0.35mm, Approx. Length = 2m. Distance from =  
Backside of L.S. ext col, Height from Floor = 3.5m.



Photo 11  
Inclined Crack on External Beam Right side of Varanda of Shop No.329,  
Ground Floor Approx. Width = 0.35mm, Approx. Length = 2.5m.  
Distance from L.S. Ext Col = 0.6m, Height from Floor = 3.3m.



Photo 12  
Horizontal Crack on Roof of Varanda of Shop No.329, Ground Floor  
Approx. Width = 0.3mm, Approx. Length = 1.7m. Distance from  
Rightside External Column = 0.4m, Height from Floor = 3.5m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Inclined Crack on Sunshade of Parapit Wall, House No. 2465, First Floor Approx. Width = 0.25mm, Approx. Length = 0.5m. Distance from Wall No.2 = 1.5m, Height from Floor = 3m.



Photo 14

Dampness/Seepage on Roof of Shop No.329 of Ground Floor



Photo 15

Peeling of Plaster on Right side External column of Varanda of Shop No.329 of Ground Floor



Photo 16

Peeling of Plaster on Wall No. 4 of Varanda of House No. 2466, First Floor



Photo 17

Peeling of Plaster on Wall No. 3 of External Wall of Varanda of House No. 2466, First Floor



Photo 18

Peeling of Plaster on Staircase of House No. 2466, Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19

Peeling of Plaster on Sunshade of Parapit Wall of House No. 2465, First Floor



Photo 20

Peeling of Plaster on Sunshade of Parapit Wall of House No. 2465, First Floor



Photo 21

Peeling of Plaster on Wall No. 3 of Toilet No. 1 of House No. 2465, First Floor



Photo 22

Peeling of Plaster on Wall No. 3 of Toilet No. 1 of House No. 2465, First Floor



Photo 23

Dampness/Seepage on Wall No. 2 of Toilet No. 1 of House No. 2465, First Floor



Photo 24

Dampness/Seepage on Wall No. 2 of Staircase First Floor to Second Floor of House No. 2465, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 25

Dampness/Seepage on Wall No. 2 of Staircase First Floor to Second Floor of House No. 2465, First Floor



Photo 26

Damaged Portion on Wall No. 1 of Staircase First Floor to Second Floor of House No. 2465, First Floor



Photo 27

Damaged Portion on Wall No. 1 of Staircase First Floor to Second Floor of House No. 2465, First Floor



Photo 28

Dampness/Seepage on Roof of Room No. 1 of House No. 2465, Second Floor



Photo 29

Dampness/Seepage on Roof of Room No. 1 of House No. 2465, Second Floor



Photo 30

Peeling of Plaster on Floor of House No. 2465, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 31  
Peeling of Plaster on Floor of House No. 2465, Second Floor



Photo 32  
Damaged Portion on Steps of Staircase Second Floor to Third Floor of House No. 2465, Second Floor



Photo 33  
Peeling of Plaster on Wall No. 3 of Staircase Second Floor to Third Floor of House No. 2465, Second Floor



Photo 34  
Peeling of Plaster on Wall No. 1 of Staircase Second Floor to Third Floor of House No. 2465, Second Floor



Photo 35  
Peeling of Plaster on of Room No. 1 of House No. 2465, Third Floor



Photo 36  
Plaster Crack on Wall No. 1 of Balcony of House No. 2465, Third Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 37

Plaster Crack on Wall No. 1 of Room No. 1 of House No. 2465, Third Floor



Photo 38

All Walls & Roof of Shop No.329 of Ground Floor Covered with Wooden Racks & Falls Ceiling



Photo 39

Shop No.328 of Ground Floor Locked



Photo 40

House No. 2466, Second Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 2463 & Shop No. 327, Chopra & Company  
327, Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0014

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0014/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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7	Summary of Cracks	5
8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	30/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1860 and is 153 years old.

There are 9 defects in the structure out of which 0 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category 0 (Negligible)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	0	0%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0014-327	Shop No. 329, Chopra & Company		
BC-RA/UP/0014-FF-SF-TF			

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Choupar and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2463 & Shop No. 327, Chopra & Company
2	Building Address	House No. 2463 & Shop No. 327, Chopra & Company 327, Ram Ganj Market Jaipur
3	Year of Construction	1860
4	Number of Floors	G+2
5	Number of Basements	None
6	Type of Building	Residential + Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	153 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Roof Varanda 1 House No. 2463, First Floor	Peeling of Plaster	2
2	Wall No. 1 & 4 Varanda 1 House No. 2463, First Floor	Peeling of Plaster	3
3	Floor Room No. 1 House No. 2463, First Floor	Peeling of Plaster	4
4	Roof Toilet No. 1 House No. 2463, First Floor	Peeling of Plaster	5
5	Wall No. 3 Varanda 2 House No. 2463, First Floor	Peeling of Plaster	6
6	Wall No. 1, 2 & Roof Varanda 1 House No. 2463, Second Floor	Dampness/Seepage	7
7	Wall No. 4 & Roof Varanda 1 House No. 2463, Second Floor	Dampness/Seepage	8
8	Roof Room No. 1 House No. 2463, Second Floor	Peeling of Plaster	9
9	Wall No. 4 & Roof Toilet No. 1 House No. 2463, Second Floor	Dampness/Seepage	10

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Shop No.327 Ground Floor	Locked	11
2	Third Floor House No. 2463	Locked	12

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
Front View of House No. 2463



Photo 2  
Peeling of Plaster on Roof of Varanda 1 of House No. 2463, First Floor



Photo 3  
Peeling of Plaster on Wall No. 1 & 4 of Varanda No.1 of House No. 2463, First Floor



Photo 4  
Peeling of Plaster on Floor of Room No. 1 of House No. 2463, First Floor



Photo 5  
Peeling of Plaster on Roof of Toilet No. 1 of House No. 2463, First Floor



Photo 6  
Peeling of Plaster on Wall No. 3 of Varanda No. 2 of House No. 2463, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7

Dampness/Seepage on Wall No. 1, 2 & Roof of Varanda 1 of House No. 2463, Second Floor

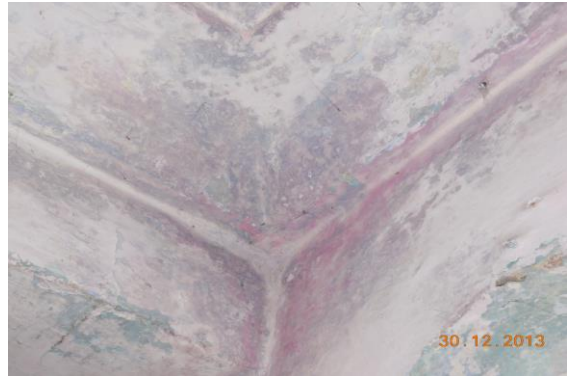


Photo 8

Dampness/Seepage on Wall No. 4 & Roof of Varanda 1 of House No. 2463, Second Floor



Photo 9

Peeling of Plaster on Roof of Room No. 1 of House No. 2463, Second Floor

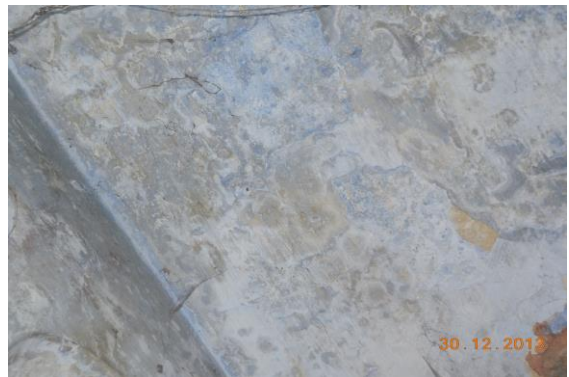


Photo 10

Dampness/Seepage on Wall No. 4 & Roof of Toilet No. 1 of House No. 2463, Second Floor



Photo 11

Shop No.327 of Ground Floor Locked



Photo 12

Third Floor of House No. 2463, Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 2462 & Shop No. 326, Rana Jain Mala Palace  
326, Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0015

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0015/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	30/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1860 and is 153 years old.

There are 10 defects in the structure out of which 2 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	1	50%
Slight (1 to 5mm)	1	50%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.95mm and average length of cracks is 2.3m. The maximum crack width is 1.5mm and minimum width is 0.4mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0015-326	Shop No. 326		
BC-RA/UP/0015-FF-SF	HOUSE No. 2462		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2462 & Shop No. 326, Rana Jain Mala Palace
2	Building Address	House No. 2462 & Shop No. 326, Rana Jain Mala Palace 326, Ram Ganj Market Jaipur
3	Year of Construction	1860
4	Number of Floors	G+2
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	153 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof Varanda of shop No.326 Ground Floor	Horizontal	1.5	2	Slight	4
2	Wall No. 4 Toilet No. 1 House No. 2462 First Floor	Inclined	0.4	2.6	Very Slight	5, 5A

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
3	Leftside External Column Varanda of shop No.326 Ground Floor	Peeling of Plaster	6
4	Roof Varanda of shop No.326 Ground Floor	Peeling of Plaster	7
5	Wall No. 2 Varanda 2 House No. 2462 First Floor	Peeling of Plaster	8
6	Wall No. 3 Room No. 1 House No. 2462 First Floor	Peeling of Plaster	9
7	Wall No. 4 Room No. 1 House No. 2462 First Floor	Peeling of Plaster	10
8	Wall No. 2 Toilet No. 1 House No. 2462 First Floor	Peeling of Plaster	11
9	Wall No. 2 Varanda 2 House No. 2462 First Floor	Dampness/Seepage	12
10	Floor Room No. 1 House No. 2462 First Floor	Peeling of Plaster	13

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All Walls & Roof Shop No.326 Ground Floor	Covered with Wooden Racks & Falls Ceiling	14
2	Wall No. 4 Room No. 1 House No. 2462 Second Floor	Covered with Almirah	15

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
Front View of House No. 2462



Photo 2  
View of Shop Jari Mala Palace, Ground Floor



Photo 3  
Front View of House No. 2462, House No. 2462



Photo 4  
Horizontal Crack on Roof of Varanda of shop No.326, Ground Floor  
Approx. Width = 1.5mm, Approx. Length = 2m. Distance from Backside of L.S. Ext. column = 0m, Height from Floor = 3.5m.



Photo 5  
Inclined Crack on Wall No. 4 of Toilet No. 1, House No. 2462 First Floor  
Approx. Width = 0.4mm, Approx. Length = 2.6m. Distance from Wall No.2 = 0.4m, Height from Floor = 0m.



Photo 5A  
Inclined Crack on Wall No. 4 of Toilet No. 1, House No. 2462 First Floor  
Approx. Width = 0.4mm, Approx. Length = 2.6m. Distance from Wall No.2 = 0.4m, Height from Floor = 0m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 6

Peeling of Plaster on Leftside External Column of Varanda of shop No.326 of Ground Floor



Photo 7

Peeling of Plaster on Roof of Varanda of shop No.326 of Ground Floor



Photo 8

Peeling of Plaster on Wall No. 2 of Varanda 2 of House No. 2462 First Floor



Photo 9

Peeling of Plaster on Wall No. 3 of Room No. 1 of House No. 2462 First Floor



Photo 10

Peeling of Plaster on Wall No. 4 of Room No. 1 of House No. 2462 First Floor



Photo 11

Peeling of Plaster on Wall No. 2 of Toilet No. 1 of House No. 2462 First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 12

Dampness/Seepage on Wall No. 2 of Varanda 2 of House No. 2462 First Floor

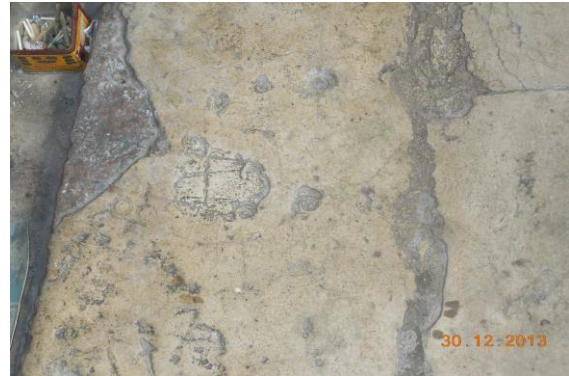


Photo 13

Peeling of Plaster on Floor of Room No. 1 of House No. 2462 First Floor



Photo 14

All Walls & Roof of Shop No.326 of Ground Floor Covered with Wooden Racks & Falls Ceiling



Photo 15

Wall No. 4 of Room No. 1 of House No. 2462 Second Floor Covered with Almirah

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Mandir Shri Ladliji, House No. 2144 & Shops  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0016

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0016/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	29/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 4 floors. The structure was constructed in year 1700 and is 313 years old.

There are 220 defects in the structure out of which 24 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category V (Very Severe)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	13	54.17%
Slight (1 to 5mm)	6	25%
Moderate (5 to 15mm)	3	12.50%
Severe (15 to 25mm)	1	4.17%
Very Severe (>25mm)	1	4.17%

The average width of cracks is 3.02mm and average length of cracks is 2.14m. The maximum crack width is 25mm and minimum width is 0.15mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0016-325	Iros Drycleaners		
BC-RA/UP/0016-324	Madholal Ratan Lal		
BC-RA/UP/0016-323	Ratan Medical Store		
BC-RA/UP/0016-322	New Indian Chasma Wale		
BC-RA/UP/0016-321	Sh. Guru Nanak Medical		
BC-RA/UP/0016-320	Indian Nagra		
BC-RA/UP/0016-320A	Indian Nagra Shoe Store		
BC-RA/UP/0016-319	Tulsi Kirana Store		
BC-RA/UP/0016-319-Godown	Tulsi Kirana Store		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Mandir Shri Ladliji, House No. 2144 & Shops
2	Building Address	Mandir Shri Ladliji, House No. 2144 & Shops Ram Ganj Market Jaipur
3	Year of Construction	1700
4	Number of Floors	G+3
5	Number of Basements	None
6	Type of Building	Residence + Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	313 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	1
13	Depth and Diameter of Bore	Not Known
14	Roadways	Two Side
15	Presence of Equipment/Machines	None



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof Varanda of Shop No.325 Ground Floor	Horizontal	0.25	1.8	Very Slight	39
2	Beam Varanda of shop no.324 Ground Floor	Horizontal	0.5	1.3	Very Slight	40
3	Roof Varanda of Shop No.321 Ground Floor	Horizontal	0.35	2	Very Slight	41
4	Beam Varanda of Shop No.321 Ground Floor	Horizontal	1	2.5	Slight	42
5	External Beam Varanda of Shop No.321 Ground Floor	Horizontal	1	1.5	Slight	43
6	Leftside External Column Varanda Of Shop Ground Floor	Inclined	0.5	0.4	Very Slight	44
7	Roof Varanda of Shop Ground Floor	Horizontal	0.4	1.5	Very Slight	45, 45A
8	Wall No. 4 Open Sky, Part A House No. 2144, First Floor	Inclined	1	0.8	Slight	46
9	Wall No. 4 Varanda 7, Part A House No. 2144, First Floor	Inclined	0.8	4	Very Slight	47, 47A
10	Wall No. 4 Varanda 7, Part A House No. 2144, First Floor	Inclined	0.2	1	Very Slight	48
11	Wall No. 4 & Roof Hall No. 1 Part 1, House No. 2144, First Floor	Inclined	0.2	1.5	Very Slight	49
12	Wall No. 3 Hall No. 1 Part 2, House No. 2144, First Floor	Inclined	0.15	1	Very Slight	50
13	Wall No. 3 & Roof Varanda 1, Part A House No. 2144, First Floor	Horizontal	0.25	0.65	Very Slight	51
14	Wall No. 3 Varanda 4, Part A House No. 2144, First Floor	Inclined	0.6	1	Very Slight	52
15	Wall No. 3 External Parapit Wall House No. 2144, First Floor	Inclined	5	1	Moderate	53
16	Wall No. 1, 2 & Roof Room No. 6 House No. 2144, First Floor	Horizontal	1	3	Slight	54
17	Wall No. 3 Room No. 9 House No. 2144, First Floor	Inclined	2	2	Slight	55
18	Wall No. 4 Open Sky , Part B House No. 2144, Second Floor	Inclined	20	8.5	Severe	56
19	Wall No. 4 Open Sky , Part B House No. 2144, Second Floor	Inclined	5	3	Moderate	57
20	Roof Bathroom Part C, House No. 2144, Second Floor	Inclined	0.4	1.8	Very Slight	58
21	Wall No. 2 Passage ,Part C House No. 2144, Second Floor	Inclined	5	2.5	Moderate	59
22	Roof Hall No. 4 House No. 2144, Second Floor, Passage ,Part C	Inclined	0.5	2.5	Very Slight	60
23	Wall No. 2 Room No. 3 Open Sky, Part B, Part 3, House No. 2144, First Floor	Inclined	1.5	2	Slight	61, 61A
24	External Wall FF to SF House No. 2144	Vertical	25	4	Very Severe	62

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
25	Floor Varanda of Shop No.325 Ground Floor	Peeling of Plaster	63
26	Roof Varanda of Shop No.325 Ground Floor	Dampness/Seepage	64
27	External Beam Varanda of Shop No.325 Ground Floor	Peeling of Plaster	65
28	Roof & External Beam Varanda of shop no.324 Ground Floor	Dampness/Seepage	66
29	Rightside External Column & Outer Wall Varanda of shop no.324 Ground Floor	Peeling of Plaster	67
30	Roof Ground Floor	Peeling of Plaster	68

31	Roof Varanda of Shop No.323 Ground Floor	Dampness/Seepage	69
32	Roof Varanda of Shop No.322 Ground Floor	Dampness/Seepage	70
33	Rightside External Column Varanda of Shop No.322 Ground Floor	Peeling of Plaster	71
34	Beam Varanda of Shop No.322 Ground Floor	Peeling of Plaster	72
35	Rightside External Column Varanda of Shop No.321 Ground Floor	Peeling of Plaster	73
36	Roof Varanda of shop No.320 Ground Floor	Dampness/Seepage	74
37	Rightside Wall Varanda of Shop No.320A Ground Floor	Peeling of Plaster	75
38	Roof Varanda of Shop No.320A Ground Floor	Dampness/Seepage	76
39	Roof Shop No.319 Ground Floor	Dampness/Seepage	77
40	Leftside External Column Varanda of Shop No.319 Ground Floor	Peeling of Plaster	78
41	Wall No. 1 & Godown Part b Of shop Ground Floor	Peeling of Plaster	79
42	Wall No. 2 & Godown Part b Of shop Ground Floor	Peeling of Plaster	80
43	Roof & Godown Part b Of shop Ground Floor	Peeling of Plaster	81
44	Wall No. 2, Roof & Godown Part b Of shop Ground Floor	Peeling of Plaster	82
45	Wall No. 3 & Godown Part b Of shop Ground Floor	Peeling of Plaster	83
46	Right side Wall of Godown Roof Ground Floor	Peeling of Plaster	84
47	Roof Varanda of shop Ground Floor	Peeling of Plaster	85
48	Roof Varanda of shop Ground Floor	Peeling of Plaster	86
49	Wall No. 1 Varanda of Shop Ground Floor	Peeling of Plaster	87
50	Wall No. 2 Varanda of Shop Ground Floor	Peeling of Plaster	88
51	Roof Varanda of Shop Ground Floor	Peeling of Plaster	89
52	Roof Varanda Of Shop Ground Floor	Peeling of Plaster	90
53	Roof Varanda Of Shop Ground Floor	Peeling of Plaster	91
54	External Beam Varanda of shop Ground Floor	Peeling of Plaster	92
55	Roof Varanda of shop Ground Floor	Peeling of Plaster	93
56	Wall No. 1 Part A of shop Ground Floor	Peeling of Plaster	94
57	Roof Part B of Shop Ground Floor	Peeling of Plaster	95
58	Wall No. 4 & 1 Part B of Shop Ground Floor	Peeling of Plaster	96
59	Wall No. 4 & 2 Part B of Shop Ground Floor	Peeling of Plaster	97
60	Wall No. 1 Part B of Shop Ground Floor	Peeling of Plaster	98
61	Wall No. 1 & Main Gate Shop no.2 Ground Floor	Peeling of Plaster	99
62	Outer Wall Left side Main door Shop no.2 Ground Floor	Peeling of Plaster	100
63	Outer Wall Left side Main door Shop no.2 Ground Floor	Peeling of Plaster	101
64	Main Gate Wall shop No.4 Ground Floor	Peeling of Plaster	102
65	Wall No. 3 Open Sky, Part A House No. 2144, First Floor	Plaster Crack	103
66	Wall No. 3 Open Sky, Part A House No. 2144, First Floor	Plaster Crack	104
67	Wall No. 3 Open Sky, Part A House No. 2144, First Floor	Plaster Crack	105
68	Wall No. 2, 3 & Shade Open Sky, Part A House No. 2144, First Floor	Peeling of Plaster	106
69	Wall No. 2 Open Sky, Part A House No. 2144, First Floor	Peeling of Plaster	107
70	Wall No. 2 & Shade Open Sky, Part A House No. 2144, First Floor	Peeling of Plaster	108
71	Wall No. 2 & 4 Open Sky, Part A House No. 2144, First Floor	Peeling of Plaster	109
72	Wall No. 4 Open Sky, Part A House No. 2144, First Floor	Dampness/Seepage	110
73	Roof Varanda 8, Part A House No. 2144, First Floor	Dampness/Seepage	111
74	Roof Varanda 8, Part A House No. 2144, First Floor	Dampness/Seepage	112
75	Roof Varanda 8, Part A House No. 2144, First Floor	Dampness/Seepage	113
76	Wall No. 4 Varanda 8, Part A House No. 2144, First Floor	Plaster Crack	114

77	Wall No. 3 Varanda 8, Part A House No. 2144, First Floor	Plaster Crack	115
78	Roof Varanda 1, Part A House No. 2144, First Floor	Plaster Crack	116
79	Roof Varanda 1, Part A House No. 2144, First Floor	Peeling of Plaster	117
80	Roof Varanda 4, Part A House No. 2144, First Floor	Plaster Crack	118
81	Wall No. 4 Varanda 4, Part A House No. 2144, First Floor	Plaster Crack	119
82	Roof House No. 2144, First Floor, Varanda 4, Part A	Plaster Crack	120
83	Wall No. 3 & Sunshade Front Wall Shade House No. 2144, First Floor	Damaged Portion	121
84	Wall No. 3 & Sunshade Front Wall Shade House No. 2144, First Floor	Damaged Portion	122
85	Wall No. 3 & Sunshade Front Wall Shade House No. 2144, First Floor	Damaged Portion	123
86	Wall No. 3 & Sunshade Front Wall Shade House No. 2144, First Floor	Damaged Portion	124
87	Wall No. 3 & Sunshade Front Wall Shade House No. 2144, First Floor	Damaged Portion	125
88	Sunshade Main Gate, Part A House No. 2144, First Floor	Damaged Portion	126
89	Sunshade Main Gate, Part A House No. 2144, First Floor	Damaged Portion	127
90	Wall No. 3 External Parapit Wall House No. 2144, First Floor	Damaged Portion	128
91	External Wall Room No. 1 House No. 2144, Second Floor	Damaged Portion	129
92	External Wall & Sunshade Room No. 1 House No. 2144, Second Floor	Damaged Portion	130
93	External Wall & Sunshade Room No. 1 House No. 2144, Second Floor	Damaged Portion	131
94	Wall No. 2 Room No. 1 House No. 2144, Second Floor	Peeling of Plaster	132
95	Wall No. 4 Room No. 1 House No. 2144, Second Floor	Dampness/Seepage	133
96	Wall No. 1 Room No. 1 House No. 2144, Second Floor	Plaster Crack	134
97	Floor Room No. 1 House No. 2144, Second Floor	Peeling of Plaster	135
98	Backside Wall Part B House No. 2144, Ground Floor	Damaged Portion	136
99	Backside Wall Part B House No. 2144, Ground Floor	Damaged Portion	137
100	Wall No. 1 & 3 Passage 1, Part B House No. 2144, Ground Floor	Damaged Portion	138
101	Wall No. 2, 3 & 4 Passage 1, Part B House No. 2144, Ground Floor	Damaged Portion	139
102	Roof Passage 1, Part B House No. 2144, Ground Floor	Damaged Portion	140
103	Wall No. 1, 3 & 4 Passage 1, Part B House No. 2144, Ground Floor	Damaged Portion	141
104	Wall No. 4 & 2 Passage 1, Part B House No. 2144, Ground Floor	Damaged Portion	142
105	Wall No. 3 Passage 1, Part B House No. 2144, Ground Floor	Damaged Portion	143
106	Wall No. 3 & Sunshade Passage 1, Part B House No. 2144, Ground Floor	Damaged Portion	144
107	Wall No. 2 & Sunshade Passage 1, Part B House No. 2144, Ground Floor	Peeling of Plaster	145
108	Wall No. 4 & Sunshade Passage 1, Part B House No. 2144, Ground Floor	Peeling of Plaster	146
109	Wall No. 3 & Roof Passage 2, Part B House No. 2144, Ground Floor	Peeling of Plaster	147
110	Wall No. 3 & Roof Passage 2, Part B House No. 2144, Ground Floor	Peeling of Plaster	148
111	Wall No. 1, 2, 3, 4 & Roof Varanda, Part B House No. 2144, Ground Floor	Damaged Portion	149
112	Wall No. 1, 2, 3, 4 & Roof Varanda, Part B House No. 2144, Ground Floor	Damaged Portion	150
113	Wall No. 1, 2, 3, 4 & Roof Varanda, Part B House No. 2144, Ground Floor	Damaged Portion	151



114	Wall No. 1, 2, 3, 4 & Roof Varanda, Part B House No. 2144, Ground Floor	Damaged Portion	152
115	Wall No. 1, 2, 3, 4 & Roof Varanda, Part B House No. 2144, Ground Floor	Damaged Portion	153
116	Wall No. 1, 2, 3, 4 & Roof Varanda, Part B House No. 2144, Ground Floor	Damaged Portion	154
117	Wall No. 3 & Sunshade Open Sky , Part B House No. 2144, Ground Floor	Peeling of Plaster	155
118	Wall No. 3 & Sunshade Open Sky , Part B House No. 2144, Ground Floor	Peeling of Plaster	156
119	Wall No. 3 & Sunshade Open Sky , Part B House No. 2144, Ground Floor	Peeling of Plaster	157
120	Wall No. 2 & Sunshade Open Sky , Part B House No. 2144, Ground Floor	Peeling of Plaster	158
121	Wall No. 2 & Sunshade Open Sky , Part B House No. 2144, Ground Floor	Peeling of Plaster	159
122	Wall No. 2 & Sunshade Open Sky , Part B House No. 2144, Ground Floor	Peeling of Plaster	160
123	Wall No. 1 & Sunshade Open Sky , Part B House No. 2144, Ground Floor	Peeling of Plaster	161
124	Wall No. 1 & Sunshade Open Sky , Part B House No. 2144, Ground Floor	Peeling of Plaster	162
125	Wall No. 1 & Sunshade Open Sky , Part B House No. 2144, Ground Floor	Peeling of Plaster	163
126	Roof Varanda 3, Part B House No. 2144, Ground Floor	Dampness/Seepage	164
127	Wall No. 4 Room No. 6 Part B, House No. 2144, Ground Floor	Peeling of Plaster	165
128	Wall No. 4 & Roof Varanda 2, Part B House No. 2144, Ground Floor	Peeling of Plaster	166
129	Column 4 Part B House No. 2144, Ground Floor	Dampness/Seepage	167
130	All Wall Stair First to Second Floor House No. 2144	Peeling of Plaster	168
131	All Wall Stair First to Second Floor House No. 2144	Peeling of Plaster	169
132	All Wall Stair First to Second Floor House No. 2144	Peeling of Plaster	170
133	All Wall Stair First to Second Floor House No. 2144	Peeling of Plaster	171
134	All Wall Stair First to Second Floor House No. 2144	Peeling of Plaster	172
135	Wall No. 2 & Roof Room No. 2 House No. 2144, First Floor	Dampness/Seepage	173
136	Wall No. 1 & 3 Room No. 3 House No. 2144, First Floor	Dampness/Seepage	174
137	Wall No. 1, 4 & Roof Room No. 4 House No. 2144, First Floor	Dampness/Seepage	175
138	Roof Kitchen 2, Part B House No. 2144, First Floor	Peeling of Plaster	176
139	Roof Room No. 8 House No. 2144, First Floor	Plaster Crack	177
140	Roof Room No. 8 House No. 2144, First Floor	Plaster Crack	178
141	Roof Room No. 9 House No. 2144, First Floor	Plaster Crack	179
142	Wall No. 2 & Roof Balcony, Part B House No. 2144, First Floor	Peeling of Plaster	180
143	Wall No. 2 & Roof Balcony, Part B House No. 2144, First Floor	Peeling of Plaster	181
144	Roof Balcony, Part B House No. 2144, First Floor	Peeling of Plaster	182
145	Roof Balcony, Part B House No. 2144, First Floor	Peeling of Plaster	183
146	Wall No. 3 Balcony, Part B House No. 2144, First Floor	Peeling of Plaster	184
147	Wall No. 1 Open Sky , Part B House No. 2144, First Floor	Peeling of Plaster	185
148	Stair First to Second Floor House No. 2144, First Floor	Peeling of Plaster	186
149	All Wall & Roof Stair First to Second Floor House No. 2144, First Floor	Damaged Portion	187
150	All Wall & Roof Stair First to Second Floor House No. 2144, First Floor	Damaged Portion	188
151	All Wall & Roof Stair First to Second Floor House No. 2144, First Floor	Damaged Portion	189

152	All Wall & Roof Stair First to Second Floor House No. 2144, First Floor	Damaged Portion	190
153	All Wall & Roof Stair First to Second Floor House No. 2144, First Floor	Damaged Portion	191
154	All Wall & Roof Stair First to Second Floor House No. 2144, First Floor	Damaged Portion	192
155	Wall No. 3 Hall No. 1 Part B, House No. 2144, Second Floor	Plaster Crack	193
156	Wall No. 2 Hall No. 1 Part B, House No. 2144, Second Floor	Plaster Crack	194
157	Wall No. 4 & Roof Toilet No. 1 Part B, House No. 2144, Second Floor	Plaster Crack	195
158	Roof Room No. 4 Part B, House No. 2144, Second Floor	Dampness/Seepage	196
159	Wall No. 2 Room No. 4 Part B, House No. 2144, Second Floor	Dampness/Seepage	197
160	Wall No. 1, 2, 4 & Roof Store 2, Part B House No. 2144, Second Floor	Dampness/Seepage	198
161	Wall No. 3 Open Sky , Part B House No. 2144, Second Floor	Peeling of Plaster	199
162	Wall No. 3 Open Sky , Part B House No. 2144, Second Floor	Damaged Portion	200
163	All Wall & Roof Passage 1, Part C House No. 2144, Ground Floor	Damaged Portion	201
164	Wall No. 1 Open Sky 1 , Part C House No. 2144, Ground Floor	Peeling of Plaster	202
165	Wall No. 2 Open Sky 1 , Part C House No. 2144, Ground Floor	Peeling of Plaster	203
166	Wall No. 1 Open Sky 1 , Part C House No. 2144, Ground Floor	Peeling of Plaster	204
167	Wall No. 2 Open Sky 1 , Part C House No. 2144, Ground Floor	Peeling of Plaster	205
168	Wall No. 4 Open Sky 1 , Part C House No. 2144, Ground Floor	Peeling of Plaster	206
169	Wall No. 1, 2, 3 & 4 Open Sky 2 , Part C House No. 2144, Ground Floor	Peeling of Plaster	207
170	Wall No. 1, 2, 3 & 4 Open Sky 2 , Part C House No. 2144, Ground Floor	Peeling of Plaster	208
171	Wall No. 1, 2, 3 & 4 Open Sky 2 , Part C House No. 2144, Ground Floor	Peeling of Plaster	209
172	Wall No. 1, 2, 3 & 4 Open Sky 2 , Part C House No. 2144, Ground Floor	Peeling of Plaster	210
173	All Wall & Roof Passage 2, Part c House No. 2144, Ground Floor	Peeling of Plaster	211
174	All Wall & Roof Passage 2, Part c House No. 2144, Ground Floor	Peeling of Plaster	212
175	All Wall & Roof Varanda, Part c House No. 2144, Ground Floor	Peeling of Plaster	213
176	Wall No. 4 Toilet No. 1 Part C, House No. 2144, Ground Floor	Peeling of Plaster	214
177	Wall No. 2 Room No. 1 Part C, House No. 2144, Ground Floor	Peeling of Plaster	215
178	Wall No. 4 Room No. 2 Part C, House No. 2144, Ground Floor	Peeling of Plaster	216
179	Roof Passage 1, Part C House No. 2144, First Floor	Peeling of Plaster	217
180	Roof Hall No. 1 Part C, House No. 2144, First Floor	Plaster Crack	218
181	All Wall & Roof Passage 2, Part C House No. 2144, First Floor	Peeling of Plaster	219
182	All Wall & Roof Passage 2, Part C House No. 2144, First Floor	Peeling of Plaster	220
183	Wall No. 2 & Roof Hall No. 3 Part C, House No. 2144, First Floor	Dampness/Seepage	221
184	Roof Room No. 1 Part C, House No. 2144, First Floor	Peeling of Plaster	222
185	Wall No. 2 Room No. 1 Part C, House No. 2144, First Floor	Peeling of Plaster	223
186	Wall No. 2 Room No. 1 Part C, House No. 2144, First Floor	Peeling of Plaster	224
187	Wall No. 2 Room No. 1 Part C, House No. 2144, First Floor	Peeling of Plaster	225
188	Roof Room No. 1 Part C, House No. 2144, Second Floor	Peeling of Plaster	226

189	Wall No. 4 Room No. 1 Part C, House No. 2144, Second Floor	Peeling of Plaster	227
190	Wall No. 2 & Roof Room No. 2 Part C, House No. 2144, Second Floor	Peeling of Plaster	228
191	Roof Room No. 2 Part C, House No. 2144, Second Floor	Peeling of Plaster	229
192	Roof Toilet No. 1 Part C, House No. 2144, Second Floor	Dampness/Seepage	230
193	Roof Bathroom Part C, House No. 2144, Second Floor	Dampness/Seepage	231
194	External Wall Bathroom No. Part C, House No. 2144, Second Floor	Peeling of Plaster	232
195	External Wall Bathroom No. Part C, House No. 2144, Second Floor	Peeling of Plaster	233
196	Roof Hall No. 4 House No. 2144, Second Floor, Passage ,Part C	Dampness/Seepage	234
197	Wall No. 2 Hall No. 4 House No. 2144, Second Floor, Passage ,Part C	Dampness/Seepage	235
198	Roof Hall No. 4 House No. 2144, Second Floor, Passage ,Part C	Plaster Crack	236
199	Sunshade House No. 2144, First Floor, Open Sky, Part B, Part 2	Damaged Portion	237
200	Sunshade Back side, Part C House No. 2144, Ground Floor	Damaged Portion	238
201	Sunshade Back side, Part C House No. 2144, Ground Floor	Damaged Portion	239
202	Sunshade Back side, Part C House No. 2144, Ground Floor	Damaged Portion	240
203	Sunshade Back side, Part C House No. 2144, Ground Floor	Damaged Portion	241
204	Sunshade Back side, Part C House No. 2144, Ground Floor	Damaged Portion	242
205	Wall No. 1 Back side, Open Sky, Part B House No. 2144, Ground Floor	Peeling of Plaster	243
206	Wall No. 5 Back side, Open Sky, Part B House No. 2144, Ground Floor	Peeling of Plaster	244
207	Wall No. 3 Back side, Open Sky, Part B House No. 2144, Ground Floor	Peeling of Plaster	245
208	Wall No. 6 Back side, Open Sky, Part B House No. 2144, Ground Floor	Peeling of Plaster	246
209	Wall No. 2 Back side, Open Sky, Part B House No. 2144, Ground Floor	Peeling of Plaster	247
210	Left Wall Back side , Part B House No. 2144, Ground Floor	Peeling of Plaster	248
211	Sunshade Back side, Part B House No. 2144, Ground Floor	Damaged Portion	249
212	Sunshade Back side, Part B House No. 2144, Ground Floor	Damaged Portion	250
213	Sunshade Back side, Part B House No. 2144, Ground Floor	Damaged Portion	251
214	Sunshade Back side, Part B House No. 2144, Ground Floor	Damaged Portion	252
215	Sunshade Back side, Part B House No. 2144, First Floor	Damaged Portion	253
216	Sunshade Back side, Part B House No. 2144, First Floor	Damaged Portion	254
217	Sunshade Back side, Part B House No. 2144, First Floor	Damaged Portion	255
218	Left Wall Temple, Part B House No. 2144, Second Floor	Peeling of Plaster	256
219	Left Wall Temple, Part B House No. 2144, Second Floor	Peeling of Plaster	257
220	External Wall House No. 2144, Second Floor	Peeling of Plaster	258

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All Walls & Roof Shop No.325 Ground Floor	Covered with Wooden Racks & Falls Ceiling	259
2	All Walls & Roof Shop No.324 Ground Floor	Covered with Wooden Racks & Falls Ceiling	260
3	All Walls & Roof Shop No.323 Ground Floor	Covered with Wooden Racks & Falls Ceiling	261



4	All Walls & Roof Shop No.322 Ground Floor	Covered with Wooden Racks & Falls Ceiling	262
5	Shop No.322 Ground Floor	Locked	263
6	All Walls & Roof Shop No.321 Ground Floor	Covered with Wooden Racks & Falls Ceiling	264
7	Wall No. 1, 2 & 4 Shop No.320 Ground Floor	Covered with wooden racks & Material	265
8	Wall No. 1, 2 & 4 Shop No.320A Ground Floor	Covered with wooden racks & Material	266
9	All Walls Shop No.319 Ground Floor	Covered with material & Wooden racks	267
10	All Walls shop no.318 Ground Floor	Covered with Material & racks	268
11	All Walls Shop No.317 Ground Floor	Covered with Material & racks	269
12	Wall No. 2 Shop No.315 Ground Floor	Covered with Material	270
13	Wall No. 4 Shop no.2 Ground Floor	Covered with Material & Racks	271
14	Roof Shop No.2 Ground Floor	Covered with Wooden ceiling	272
15	Room No. 1 House No. 2144, First Floor	Locked	273
16	Wall No. 4 Room No. 4 House No. 2144, First Floor	Covered with Material	274
17	Shop No. 1, Part A House No. 2144, First Floor	Locked	275
18	Shop No. 3, Part A House No. 2144, First Floor	Locked	276
19	Shop No. 5, Part A House No. 2144, First Floor		277
20	Shop No. 6, Part A House No. 2144, First Floor	Locked	278
21	Room No. 1 House No. 2144, Second Floor	Locked	279
22	Room No. 2 House No. 2144, Second Floor	Locked	280
23	Room No. 3 House No. 2144, Second Floor	Locked	281
24	Toilet No. 1 House No. 2144, Second Floor	Locked	282
25	Room No. 3 House No. 2144, Ground Floor		283
26	Room No. 11, 12, 13, 14 Part B, House No. 2144, Ground Floor	Locked	284
27	Room No. 10 Part B, House No. 2144, Ground Floor	Locked	285
28	Room No. 4 Part B, House No. 2144, Ground Floor	Locked	286
29	Room No. 5 Part B, House No. 2144, Ground Floor	Locked	287
30	All wall Varanda 3, Part B House No. 2144, Ground Floor	Covered with Material	288
31	All wall Varanda 3, Part B House No. 2144, Ground Floor	Covered with Material	289
32	Room No. 7 Part B, House No. 2144, Ground Floor	Locked	290
33	Room No. 8 Part B, House No. 2144, Ground Floor	Locked	291
34	Room No. 9 Part B, House No. 2144, Ground Floor	Locked	292
35	Room No. 7 House No. 2144, First Floor	Locked	293
36	Room No. 5 House No. 2144, First Floor	Locked	294
37	Room No. 12, 13 House No. 2144, First Floor	Locked	295
38	Room No. 14, 15 House No. 2144, First Floor	Locked	296
39	Room No. 16 House No. 2144, First Floor		297
40	All Wall Bathroom No. Part B, House No. 2144, Second Floor	Coverd with Tiles	298
41	All Wall Toilet No. 1 Part B, House No. 2144, Second Floor	Coverd with Tiles	299
42	All Wall Kitchen Part B, House No. 2144, Second Floor		300
43	Workshop 2, Open Sky 1, Part C House No. 2144, Ground Floor	Locked	301
44	Workshop 1, Open Sky 1, Part C House No. 2144, Ground Floor	Locked	302
45	Hall No. 2 Part C, House No. 2144, First Floor	Locked	303
46	Store , Part C House No. 2144, First Floor		304
47	All Wall Store 2, Part C House No. 2144, First Floor		305
48	Toilet No. 1 Part C, House No. 2144, First Floor		306
49	Toilet No. 2 Part C, House No. 2144, First Floor		307
50	Toilet No. 3 Part C, House No. 2144, First Floor		308
51	Toilet No. 4 Part C, House No. 2144, First Floor		309

52	All Wall Bathroom No. Part C, House No. 2144, Second Floor	Covered with Tiles	310
53	Bathroom Part C, House No. 2144, Second Floor	Locked	311
54	Toilet No. 1, 2, 3 Part C, House No. 2144, Second Floor	Locked	312
55	Toilet No. 1, 2, 3 Part C, House No. 2144, Second Floor	Locked	313
56	Toilet No. 2, 3 Part C, House No. 2144, Second Floor	Locked	314
57	Toilet No. 2, 3 Part C, House No. 2144, Second Floor	Locked	315
58	Wall No. 1 & 4 Back side, Shop No. 1, Part C, House No. 2144, Ground Floor	Covered with Material	316
59	Wall No. 2 Room No. 6 House No. 2144, Ground Floor	Covered with Material	317
60	Back side, Shop No. 1, Part B House No. 2144, Ground Floor	Locked	318
61	Back side, Shop No. 1, Part B House No. 2144, Ground Floor	Locked	319
62	Back side, Shop No. 1, Part B House No. 2144, Ground Floor	Locked	320
63	Back side, Shop No. 1, Part B House No. 2144, Ground Floor	Locked	321



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
Left Side View



Photo 2  
View of Iroja Dry cleaners, Ground Floor



Photo 3  
View of shop Madho Lal Rattan Lal paan Wala, Ground Floor



Photo 4  
View of Shop Ratan Medical Store, Ground Floor



Photo 5  
View of Shop Indian Chashme Wala, Ground Floor



Photo 6  
View of Shop Shri Gurunanak Medical store, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
View of Shop , Ground Floor



Photo 8  
View of Shop, Ground Floor



Photo 9  
View of Shop, Ground Floor



Photo 10  
View of Shop, Ground Floor



Photo 11  
View of Shop, Ground Floor



Photo 12  
View Of shop, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13  
View of Shop, Ground Floor



Photo 14  
View of Shop, Ground Floor



Photo 15  
View of shop, Ground Floor



Photo 16  
View of Shop wooden partition, Ground Floor



Photo 17  
View of shop restaurant, Ground Floor



Photo 18  
View of shop Panna Lal Heera Lal, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19  
View of Shop Hari Hair Dresser, Ground Floor



Photo 20  
View of shop, Ground Floor



Photo 21  
View of Shop zadav Mishtan Bhandar, Ground Floor



Photo 22  
View of shop, Ground Floor



Photo 23  
Room No. 2, House No. 2144, First Floor



Photo 24  
Temple, Part A, House No. 2144, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 25  
Shop No. 2, Part A, House No. 2144, First Floor



Photo 26  
Shop No. 2, Part A, House No. 2144, First Floor



Photo 27  
Shop No. 4, Part A, House No. 2144, First Floor



Photo 28  
Front View of House No. 2144, Ground Floor



Photo 29  
House No. 2144, House No. 2144, First Floor

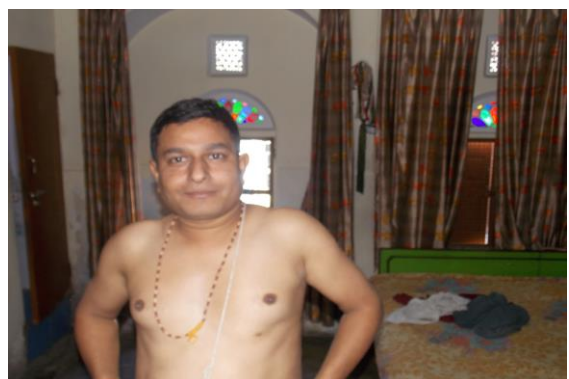


Photo 30  
Back side, Part B, House No. 2144, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 31  
Room No. 1, House No. 2144, First Floor



Photo 32  
Kitchen 1, Part B, House No. 2144, Second Floor



Photo 33  
Open Sky, Part C, House No. 2144, Second Floor



Photo 34  
Part C, House No. 2144, Ground Floor



Photo 35  
Temple, Part C, House No. 2144, Ground Floor



Photo 36  
Temple, Part C, House No. 2144, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 37  
Tinshade, House No. 2144, Ground Floor



Photo 38  
Tinshade, House No. 2144, Ground Floor



Photo 39  
Horizontal Crack on Roof of Varanda of Shop No.325, Ground Floor  
Approx. Width = 0.25mm, Approx. Length = 1.8m. Distance Backside of  
Rightside external column = 1m, Height Floor = 3.5m.



Photo 40  
Horizontal Crack on Beam of Varanda of shop no.324, Ground Floor  
Approx. Width = 0.5mm, Approx. Length = 1.3m. Distance Backside of  
Leftside external column = 0m, Height Floor = 3.3m.



Photo 41  
Horizontal Crack on Roof of Varanda of Shop No.321, Ground Floor  
Approx. Width = 0.35mm, Approx. Length = 2m. Distance from Leftside  
External column = 0.8m, Height from Floor = 3.5m.



Photo 42  
Horizontal Crack on Beam of Varanda of Shop No.321, Ground Floor  
Approx. Width = 1mm, Approx. Length = 2.5m. Distance from Leftside  
External column = 0.3m, Height from Floor = 3m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 43

Horizontal Crack on External Beam of Varanda of Shop No.321, Ground Floor Approx. Width = 1mm, Approx. Length = 1.5m. Height from Floor = 3.3m.



Photo 44

Inclined Crack on Leftside External Column of Varanda Of Shop, Ground Floor Approx. Width = 0.5mm, Approx. Length = 0.4m. Distance Backside Leftside external col = 0m, Height Floor = 3m.



Photo 45

Horizontal Crack on Roof of Varanda of Shop, Ground Floor Approx. Width = 0.4mm, Approx. Length = 1.5m. Distance Backside of Leftside external column = 0m, Height Floor = 3.5m.



Photo 45A

Horizontal Crack on Roof of Varanda of Shop, Ground Floor Approx. Width = 0.4mm, Approx. Length = 1.5m. Distance Backside of Leftside external column = 0m, Height Floor = 3.5m.



Photo 46

Inclined Crack on Wall No. 4 of Open Sky, Part A, House No. 2144, First Floor Approx. Width = 1mm, Approx. Length = 0.8m. Distance from Wall No.2 = 0m, Height from Floor = 2.2m.



Photo 47

Inclined Crack on Wall No. 4 of Varanda 7, Part A, House No. 2144, First Floor Approx. Width = 0.8mm, Approx. Length = 4m. Distance from Wall No.4 = 0m, Height from Floor = 0m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 47A

Inclined Crack on Wall No. 4 of Varanda 7, Part A, House No. 2144, First Floor Approx. Width = 0.8mm, Approx. Length = 4m. Distance from Wall No.4 = 0m, Height from Floor = 0m.



Photo 47A

Inclined Crack on Wall No. 4 of Varanda 7, Part A, House No. 2144, First Floor Approx. Width = 0.8mm, Approx. Length = 4m. Distance from Wall No.4 = 0m, Height from Floor = 0m.



Photo 48

Inclined Crack on Wall No. 4 of Varanda 7, Part A, House No. 2144, First Floor Approx. Width = 0.2mm, Approx. Length = 1m. Distance from Wall No.4 = 2.5m, Height from Floor = 2.5m.



Photo 49

Inclined Crack on Wall No. 4 & Roof of Hall No. 1, Part 1, House No. 2144, First Floor Approx. Width = 0.2mm, Approx. Length = 1.5m. Distance from Wall No.2 = 1m, Height from Floor = 2.8m.



Photo 50

Inclined Crack on Wall No. 3 of Hall No. 1, Part 2, House No. 2144, First Floor Approx. Width = 0.15mm, Approx. Length = 1m. Distance from Wall No.2 = 0m, Height from Floor = 2.8m.



Photo 51

Horizontal Crack on Wall No. 3 & Roof of Varanda 1, Part A, House No. 2144, First Floor Approx. Width = 0.25mm, Approx. Length = 0.65m. Distance Wall No.1 = 2.5m, Height Floor = 3m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 52

Inclined Crack on Wall No. 3 of Varanda 4, Part A, House No. 2144, First Floor Approx. Width = 0.6mm, Approx. Length = 1m. Distance from Wall No.1 = 1.2m, Height from Floor = 2.5m.



Photo 53

Inclined Crack on Wall No. 3 of External Parapit Wall, House No. 2144, First Floor Approx. Width = 5mm, Approx. Length = 1m. Distance from Wall No.1 = 5m, Height from Floor = 2.5m.



Photo 54

Horizontal Crack on Wall No. 1, 2 & Roof of Room No. 6, House No. 2144, First Floor Approx. Width = 1mm, Approx. Length = 3m. Distance from Wall No.4 = 0.2m, Height from Floor = 2m.



Photo 55

Inclined Crack on Wall No. 3 of Room No. 9, House No. 2144, First Floor Approx. Width = 2mm, Approx. Length = 2m. Distance from Wall No.1 = 0.3m, Height from Floor = 1.5m.



Photo 56

Inclined Crack on Wall No. 4 of Open Sky , Part B, House No. 2144, Second Floor Approx. Width = 20mm, Approx. Length = 8.5m. Distance Wall No.1 = 1m, Height Floor = 4.5m.



Photo 57

Inclined Crack on Wall No. 4 of Open Sky , Part B, House No. 2144, Second Floor Approx. Width = 5mm, Approx. Length = 3m. Distance Wall No.1 = 7m, Height Floor = 0m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 58

Inclined Crack on Roof of Bathroom, Part C, House No. 2144, Second Floor Approx. Width = 0.4mm, Approx. Length = 1.8m. Distance Wall No.2 = 0.2m, Height Floor = 2m.



Photo 59

Inclined Crack on Wall No. 2 of Passage ,Part C, House No. 2144, Second Floor Approx. Width = 5mm, Approx. Length = 2.5m. Distance Wall No.3 = 3m, Height Floor = 1m.



Photo 60

Inclined Crack on Roof of Hall No. 4, House No. 2144, Second Floor, Passage ,Part C Approx. Width = 0.5mm, Approx. Length = 2.5m. Distance Wall No.3 = 2.5m, Height Floor = 3.5m.



Photo 61

Inclined Crack on Wall No. 2 of Room No. 3, Open Sky, Part B, Part 3, House No. 2144, First Floor Approx. Width = 1.5mm, Approx. Length = 2m. Distance Wall No.3 = 1.2m, Height Floor = 0m.



Photo 61A

Inclined Crack on Wall No. 2 of Room No. 3, Open Sky, Part B, Part 3, House No. 2144, First Floor Approx. Width = 1.5mm, Approx. Length = 2m. Distance from Wall No.3 = 1.2m, Height Floor = 0m.



Photo 62

Vertical Crack on External Wall of FF to SF, House No. 2144 Approx. Width = 25mm, Approx. Length = 4m. Distance from Front Side Wall = 2.8m, Height from Floor = 2m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 63

Peeling of Plaster on Floor of Varanda of Shop No.325 of Ground Floor

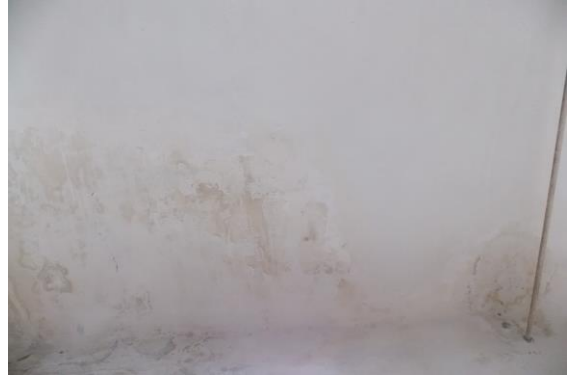


Photo 64

Dampness/Seepage on Roof of Varanda of Shop No.325 of Ground Floor



Photo 65

Peeling of Plaster on External Beam of Varanda of Shop No.325 of Ground Floor



Photo 66

Dampness/Seepage on Roof & External Beam of Varanda of shop no.324 of Ground Floor



Photo 67

Peeling of Plaster on Rightside External Column & Outer Wall of Varanda of shop no.324 of Ground Floor



Photo 68

Peeling of Plaster on Roof of of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 69

Dampness/Seepage on Roof of Varanda of Shop No.323 of Ground Floor



Photo 70

Dampness/Seepage on Roof of Varanda of Shop No.322 of Ground Floor



Photo 71

Peeling of Plaster on Rightside External Column of Varanda of Shop No.322 of Ground Floor



Photo 72

Peeling of Plaster on Beam of Varanda of Shop No.322 of Ground Floor



Photo 73

Peeling of Plaster on Rightside External Column of Varanda of Shop No.321 of Ground Floor



Photo 74

Dampness/Seepage on Roof of Varanda of shop No.320 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 75

Peeling of Plaster on Rightside Wall of Varanda of Shop No.320A of Ground Floor



Photo 76

Dampness/Seepage on Roof of Varanda of Shop No.320A of Ground Floor



Photo 77

Dampness/Seepage on Roof of Shop No.319 of Ground Floor



Photo 78

Peeling of Plaster on Leftside External Column of Varanda of Shop No.319 of Ground Floor



Photo 79

Peeling of Plaster on Wall No. 1 & Godown of Part b Of shop of Ground Floor



Photo 80

Peeling of Plaster on Wall No. 2 & Godown of Part b Of shop of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 81

Peeling of Plaster on Roof & Godown of Part b Of shop of Ground Floor



Photo 82

Peeling of Plaster on Wall No. 2, Roof & Godown of Part b Of shop of Ground Floor



Photo 83

Peeling of Plaster on Wall No. 3 & Godown of Part b Of shop of Ground Floor



Photo 84

Peeling of Plaster on Right side Wall of Godown of Roof of Ground Floor



Photo 85

Peeling of Plaster on Roof of Varanda of shop of Ground Floor



Photo 86

Peeling of Plaster on Roof of Varanda of shop of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 87

Peeling of Plaster on Wall No. 1 of Varanda of Shop of Ground Floor



Photo 88

Peeling of Plaster on Wall No. 2 of Varanda of Shop of Ground Floor



Photo 89

Peeling of Plaster on Roof of Varanda of Shop of Ground Floor



Photo 90

Peeling of Plaster on Roof of Varanda Of Shop of Ground Floor



Photo 91

Peeling of Plaster on Roof of Varanda Of Shop of Ground Floor



Photo 92

Peeling of Plaster on External Beam of Varanda of shop of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 93

Peeling of Plaster on Roof of Varanda of shop of Ground Floor



Photo 94

Peeling of Plaster on Wall No. 1 of Part A of shop of Ground Floor



Photo 95

Peeling of Plaster on Roof of Part B of Shop of Ground Floor



Photo 96

Peeling of Plaster on Wall No. 4 & 1 of Part B of Shop of Ground Floor



Photo 97

Peeling of Plaster on Wall No. 4 & 2 of Part B of Shop of Ground Floor



Photo 98

Peeling of Plaster on Wall No. 1 of Part B of Shop of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 99

Peeling of Plaster on Wall No. 1 & Main Gate of Shop no.2 of Ground Floor



Photo 100

Peeling of Plaster on Outer Wall Left side Main door of Shop no.2 of Ground Floor



Photo 101

Peeling of Plaster on Outer Wall Left side Main door of Shop no.2 of Ground Floor



Photo 102

Peeling of Plaster on Main Gate Wall of shop No.4 of Ground Floor



Photo 103

Plaster Crack on Wall No. 3 of Open Sky, Part A of House No. 2144, First Floor

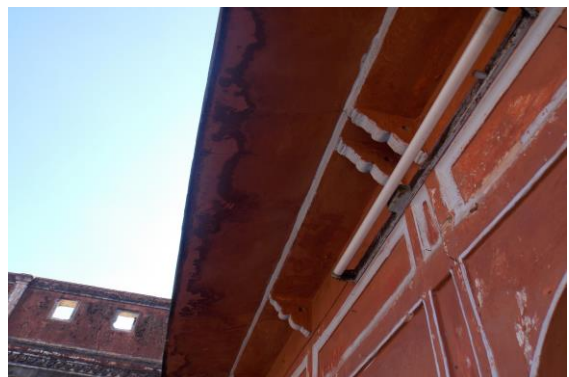


Photo 104

Plaster Crack on Wall No. 3 of Open Sky, Part A of House No. 2144, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 105

Plaster Crack on Wall No. 3 of Open Sky, Part A of House No. 2144, First Floor



Photo 106

Peeling of Plaster on Wall No. 2, 3 & Shade of Open Sky, Part A of House No. 2144, First Floor



Photo 107

Peeling of Plaster on Wall No. 2 of Open Sky, Part A of House No. 2144, First Floor



Photo 108

Peeling of Plaster on Wall No. 2 & Shade of Open Sky, Part A of House No. 2144, First Floor



Photo 109

Peeling of Plaster on Wall No. 2 & 4 of Open Sky, Part A of House No. 2144, First Floor

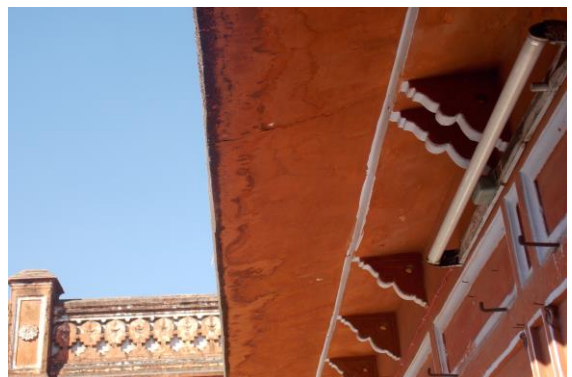


Photo 110

Dampness/Seepage on Wall No. 4 of Open Sky, Part A of House No. 2144, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 111

Dampness/Seepage on Roof of Varanda 8, Part A of House No. 2144, First Floor



Photo 112

Dampness/Seepage on Roof of Varanda 8, Part A of House No. 2144, First Floor



Photo 113

Dampness/Seepage on Roof of Varanda 8, Part A of House No. 2144, First Floor



Photo 114

Plaster Crack on Wall No. 4 of Varanda 8, Part A of House No. 2144, First Floor



Photo 115

Plaster Crack on Wall No. 3 of Varanda 8, Part A of House No. 2144, First Floor



Photo 116

Plaster Crack on Roof of Varanda 1, Part A of House No. 2144, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 117

Peeling of Plaster on Roof of Varanda 1, Part A of House No. 2144, First Floor



Photo 118

Plaster Crack on Roof of Varanda 4, Part A of House No. 2144, First Floor



Photo 119

Plaster Crack on Wall No. 4 of Varanda 4, Part A of House No. 2144, First Floor



Photo 120

Plaster Crack on Roof of House No. 2144, First Floor, Varanda 4, Part A



Photo 121

Damaged Portion on Wall No. 3 & Sunshade of Front Wall Shade of House No. 2144, First Floor



Photo 122

Damaged Portion on Wall No. 3 & Sunshade of Front Wall Shade of House No. 2144, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 123

Damaged Portion on Wall No. 3 & Sunshade of Front Wall Shade of House No. 2144, First Floor



Photo 124

Damaged Portion on Wall No. 3 & Sunshade of Front Wall Shade of House No. 2144, First Floor



Photo 125

Damaged Portion on Wall No. 3 & Sunshade of Front Wall Shade of House No. 2144, First Floor



Photo 126

Damaged Portion on Sunshade of Main Gate, Part A of House No. 2144, First Floor



Photo 127

Damaged Portion on Sunshade of Main Gate, Part A of House No. 2144, First Floor



Photo 128

Damaged Portion on Wall No. 3 of External Parapit Wall of House No. 2144, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 129  
Damaged Portion on External Wall of Room No. 1 of House No. 2144, Second Floor



Photo 130  
Damaged Portion on External Wall & Sunshade of Room No. 1 of House No. 2144, Second Floor



Photo 131  
Damaged Portion on External Wall & Sunshade of Room No. 1 of House No. 2144, Second Floor



Photo 132  
Peeling of Plaster on Wall No. 2 of Room No. 1 of House No. 2144, Second Floor



Photo 133  
Dampness/Seepage on Wall No. 4 of Room No. 1 of House No. 2144, Second Floor



Photo 134  
Plaster Crack on Wall No. 1 of Room No. 1 of House No. 2144, Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 135

Peeling of Plaster on Floor of Room No. 1 of House No. 2144, Second Floor



Photo 136

Damaged Portion on Backside Wall of Part B of House No. 2144, Ground Floor



Photo 137

Damaged Portion on Backside Wall of Part B of House No. 2144, Ground Floor



Photo 138

Damaged Portion on Wall No. 1 & 3 of Passage 1, Part B of House No. 2144, Ground Floor



Photo 139

Damaged Portion on Wall No. 2, 3 & 4 of Passage 1, Part B of House No. 2144, Ground Floor



Photo 140

Damaged Portion on Roof of Passage 1, Part B of House No. 2144, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 141

Damaged Portion on Wall No. 1, 3 & 4 of Passage 1, Part B of House No. 2144, Ground Floor



Photo 142

Damaged Portion on Wall No. 4 & 2 of Passage 1, Part B of House No. 2144, Ground Floor



Photo 143

Damaged Portion on Wall No. 3 of Passage 1, Part B of House No. 2144, Ground Floor



Photo 144

Damaged Portion on Wall No. 3 & Sunshade of Passage 1, Part B of House No. 2144, Ground Floor



Photo 145

Peeling of Plaster on Wall No. 2 & Sunshade of Passage 1, Part B of House No. 2144, Ground Floor



Photo 146

Peeling of Plaster on Wall No. 4 & Sunshade of Passage 1, Part B of House No. 2144, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 147

Peeling of Plaster on Wall No. 3 & Roof of Passage 2, Part B of House No. 2144, Ground Floor



Photo 148

Peeling of Plaster on Wall No. 3 & Roof of Passage 2, Part B of House No. 2144, Ground Floor



Photo 149

Damaged Portion on Wall No. 1, 2, 3, 4 & Roof of Varanda, Part B of House No. 2144, Ground Floor



Photo 150

Damaged Portion on Wall No. 1, 2, 3, 4 & Roof of Varanda, Part B of House No. 2144, Ground Floor



Photo 151

Damaged Portion on Wall No. 1, 2, 3, 4 & Roof of Varanda, Part B of House No. 2144, Ground Floor



Photo 152

Damaged Portion on Wall No. 1, 2, 3, 4 & Roof of Varanda, Part B of House No. 2144, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 153

Damaged Portion on Wall No. 1, 2, 3, 4 & Roof of Varanda, Part B of House No. 2144, Ground Floor



Photo 154

Damaged Portion on Wall No. 1, 2, 3, 4 & Roof of Varanda, Part B of House No. 2144, Ground Floor



Photo 155

Peeling of Plaster on Wall No. 3 & Sunshade of Open Sky , Part B of House No. 2144, Ground Floor



Photo 156

Peeling of Plaster on Wall No. 3 & Sunshade of Open Sky , Part B of House No. 2144, Ground Floor



Photo 157

Peeling of Plaster on Wall No. 3 & Sunshade of Open Sky , Part B of House No. 2144, Ground Floor



Photo 158

Peeling of Plaster on Wall No. 2 & Sunshade of Open Sky , Part B of House No. 2144, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 159

Peeling of Plaster on Wall No. 2 & Sunshade of Open Sky , Part B of House No. 2144, Ground Floor



Photo 160

Peeling of Plaster on Wall No. 2 & Sunshade of Open Sky , Part B of House No. 2144, Ground Floor



Photo 161

Peeling of Plaster on Wall No. 1 & Sunshade of Open Sky , Part B of House No. 2144, Ground Floor



Photo 162

Peeling of Plaster on Wall No. 1 & Sunshade of Open Sky , Part B of House No. 2144, Ground Floor



Photo 163

Peeling of Plaster on Wall No. 1 & Sunshade of Open Sky , Part B of House No. 2144, Ground Floor



Photo 164

Dampness/Seepage on Roof of Varanda 3, Part B of House No. 2144, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 165

Peeling of Plaster on Wall No. 4 of Room No. 6 of Part B, House No. 2144, Ground Floor



Photo 166

Peeling of Plaster on Wall No. 4 & Roof of Varanda 2, Part B of House No. 2144, Ground Floor



Photo 167

Dampness/Seepage on Collumn 4 of Part B of House No. 2144, Ground Floor



Photo 168

Peeling of Plaster on All Wall of Stair First to Second Floor of House No. 2144



Photo 169

Peeling of Plaster on All Wall of Stair First to Second Floor of House No. 2144



Photo 170

Peeling of Plaster on All Wall of Stair First to Second Floor of House No. 2144

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 171

Peeling of Plaster on All Wall of Stair First to Second Floor of House No. 2144



Photo 172

Peeling of Plaster on All Wall of Stair First to Second Floor of House No. 2144



Photo 173

Dampness/Seepage on Wall No. 2 & Roof of Room No. 2 of House No. 2144, First Floor



Photo 174

Dampness/Seepage on Wall No. 1 & 3 of Room No. 3 of House No. 2144, First Floor



Photo 175

Dampness/Seepage on Wall No. 1, 4 & Roof of Room No. 4 of House No. 2144, First Floor

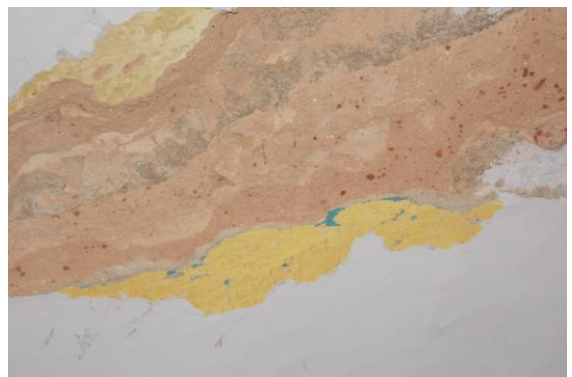


Photo 176

Peeling of Plaster on Roof of Kitchen 2, Part B of House No. 2144, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 177

Plaster Crack on Roof of Room No. 8 of House No. 2144, First Floor



Photo 178

Plaster Crack on Roof of Room No. 8 of House No. 2144, First Floor



Photo 179

Plaster Crack on Roof of Room No. 9 of House No. 2144, First Floor



Photo 180

Peeling of Plaster on Wall No. 2 & Roof of Balcony, Part B of House No. 2144, First Floor



Photo 181

Peeling of Plaster on Wall No. 2 & Roof of Balcony, Part B of House No. 2144, First Floor



Photo 182

Peeling of Plaster on Roof of Balcony, Part B of House No. 2144, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 183

Peeling of Plaster on Roof of Balcony, Part B of House No. 2144, First Floor



Photo 184

Peeling of Plaster on Wall No. 3 of Balcony, Part B of House No. 2144, First Floor



Photo 185

Peeling of Plaster on Wall No. 1 of Open Sky, Part B of House No. 2144, First Floor



Photo 186

Peeling of Plaster on Stair First to Second Floor of House No. 2144, First Floor



Photo 187

Damaged Portion on All Wall & Roof of Stair First to Second Floor of House No. 2144, First Floor



Photo 188

Damaged Portion on All Wall & Roof of Stair First to Second Floor of House No. 2144, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 189

Damaged Portion on All Wall & Roof of Stair First to Second Floor of House No. 2144, First Floor



Photo 190

Damaged Portion on All Wall & Roof of Stair First to Second Floor of House No. 2144, First Floor



Photo 191

Damaged Portion on All Wall & Roof of Stair First to Second Floor of House No. 2144, First Floor



Photo 192

Damaged Portion on All Wall & Roof of Stair First to Second Floor of House No. 2144, First Floor



Photo 193

Plaster Crack on Wall No. 3 of Hall No. 1 of Part B, House No. 2144, Second Floor



Photo 194

Plaster Crack on Wall No. 2 of Hall No. 1 of Part B, House No. 2144, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 195

Plaster Crack on Wall No. 4 & Roof of Toilet No. 1 of Part B, House No. 2144, Second Floor



Photo 196

Dampness/Seepage on Roof of Room No. 4 of Part B, House No. 2144, Second Floor



Photo 197

Dampness/Seepage on Wall No. 2 of Room No. 4 of Part B, House No. 2144, Second Floor



Photo 198

Dampness/Seepage on Wall No. 1, 2, 4 & Roof of Store 2, Part B of House No. 2144, Second Floor



Photo 199

Peeling of Plaster on Wall No. 3 of Open Sky, Part B of House No. 2144, Second Floor



Photo 200

Damaged Portion on Wall No. 3 of Open Sky, Part B of House No. 2144, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 201

Damaged Portion on All Wall & Roof of Passage 1, Part C of House No. 2144, Ground Floor



Photo 202

Peeling of Plaster on Wall No. 1 of Open Sky 1, Part C of House No. 2144, Ground Floor



Photo 203

Peeling of Plaster on Wall No. 2 of Open Sky 1, Part C of House No. 2144, Ground Floor



Photo 204

Peeling of Plaster on Wall No. 1 of Open Sky 1, Part C of House No. 2144, Ground Floor



Photo 205

Peeling of Plaster on Wall No. 2 of Open Sky 1, Part C of House No. 2144, Ground Floor



Photo 206

Peeling of Plaster on Wall No. 4 of Open Sky 1, Part C of House No. 2144, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 207

Peeling of Plaster on Wall No. 1, 2, 3 & 4 of Open Sky 2 , Part C of House No. 2144, Ground Floor



Photo 208

Peeling of Plaster on Wall No. 1, 2, 3 & 4 of Open Sky 2 , Part C of House No. 2144, Ground Floor



Photo 209

Peeling of Plaster on Wall No. 1, 2, 3 & 4 of Open Sky 2 , Part C of House No. 2144, Ground Floor



Photo 210

Peeling of Plaster on Wall No. 1, 2, 3 & 4 of Open Sky 2 , Part C of House No. 2144, Ground Floor



Photo 211

Peeling of Plaster on All Wall & Roof of Passage 2, Part c of House No. 2144, Ground Floor



Photo 212

Peeling of Plaster on All Wall & Roof of Passage 2, Part c of House No. 2144, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 213

Peeling of Plaster on All Wall & Roof of Varanda, Part c of House No. 2144, Ground Floor



Photo 214

Peeling of Plaster on Wall No. 4 of Toilet No. 1 of Part C, House No. 2144, Ground Floor



Photo 215

Peeling of Plaster on Wall No. 2 of Room No. 1 of Part C, House No. 2144, Ground Floor



Photo 216

Peeling of Plaster on Wall No. 4 of Room No. 2 of Part C, House No. 2144, Ground Floor



Photo 217

Peeling of Plaster on Roof of Passage 1, Part C of House No. 2144, First Floor



Photo 218

Plaster Crack on Roof of Hall No. 1 of Part C, House No. 2144, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 219

Peeling of Plaster on All Wall & Roof of Passage 2, Part C of House No. 2144, First Floor



Photo 220

Peeling of Plaster on All Wall & Roof of Passage 2, Part C of House No. 2144, First Floor



Photo 221

Dampness/Seepage on Wall No. 2 & Roof of Hall No. 3 of Part C, House No. 2144, First Floor



Photo 222

Peeling of Plaster on Roof of Room No. 1 of Part C, House No. 2144, First Floor



Photo 223

Peeling of Plaster on Wall No. 2 of Room No. 1 of Part C, House No. 2144, First Floor



Photo 224

Peeling of Plaster on Wall No. 2 of Room No. 1 of Part C, House No. 2144, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 225

Peeling of Plaster on Wall No. 2 of Room No. 1 of Part C, House No. 2144, First Floor



Photo 226

Peeling of Plaster on Roof of Room No. 1 of Part C, House No. 2144, Second Floor



Photo 227

Peeling of Plaster on Wall No. 4 of Room No. 1 of Part C, House No. 2144, Second Floor



Photo 228

Peeling of Plaster on Wall No. 2 & Roof of Room No. 2 of Part C, House No. 2144, Second Floor



Photo 229

Peeling of Plaster on Roof of Room No. 2 of Part C, House No. 2144, Second Floor



Photo 230

Dampness/Seepage on Roof of Toilet No. 1 of Part C, House No. 2144, Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 231

Dampness/Seepage on Roof of Bathroom of Part C, House No. 2144, Second Floor



Photo 232

Peeling of Plaster on External Wall of Bathroom No. of Part C, House No. 2144, Second Floor



Photo 233

Peeling of Plaster on External Wall of Bathroom No. of Part C, House No. 2144, Second Floor



Photo 234

Dampness/Seepage on Roof of Hall No. 4 of House No. 2144, Second Floor, Passage, Part C



Photo 235

Dampness/Seepage on Wall No. 2 of Hall No. 4 of House No. 2144, Second Floor, Passage, Part C



Photo 236

Plaster Crack on Roof of Hall No. 4 of House No. 2144, Second Floor, Passage, Part C



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 237

Damaged Portion on Sunshade of of House No. 2144, First Floor, Open Sky, Part B, Part 2



Photo 238

Damaged Portion on Sunshade of Back side, Part C of House No. 2144, Ground Floor



Photo 239

Damaged Portion on Sunshade of Back side, Part C of House No. 2144, Ground Floor



Photo 240

Damaged Portion on Sunshade of Back side, Part C of House No. 2144, Ground Floor



Photo 241

Damaged Portion on Sunshade of Back side, Part C of House No. 2144, Ground Floor



Photo 242

Damaged Portion on Sunshade of Back side, Part C of House No. 2144, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 243

Peeling of Plaster on Wall No. 1 of Back side, Open Sky, Part B of House No. 2144, Ground Floor



Photo 244

Peeling of Plaster on Wall No. 5 of Back side, Open Sky, Part B of House No. 2144, Ground Floor



Photo 245

Peeling of Plaster on Wall No. 3 of Back side, Open Sky, Part B of House No. 2144, Ground Floor



Photo 246

Peeling of Plaster on Wall No. 6 of Back side, Open Sky, Part B of House No. 2144, Ground Floor



Photo 247

Peeling of Plaster on Wall No. 2 of Back side, Open Sky, Part B of House No. 2144, Ground Floor



Photo 248

Peeling of Plaster on Left Wall of Back side, Part B of House No. 2144, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 249

Damaged Portion on Sunshade of Back side, Part B of House No. 2144, Ground Floor



Photo 250

Damaged Portion on Sunshade of Back side, Part B of House No. 2144, Ground Floor



Photo 251

Damaged Portion on Sunshade of Back side, Part B of House No. 2144, Ground Floor



Photo 252

Damaged Portion on Sunshade of Back side, Part B of House No. 2144, Ground Floor



Photo 253

Damaged Portion on Sunshade of Back side, Part B of House No. 2144, First Floor



Photo 254

Damaged Portion on Sunshade of Back side, Part B of House No. 2144, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 255

Damaged Portion on Sunshade of Back side, Part B of House No. 2144, First Floor



Photo 256

Peeling of Plaster on Left Wall of Temple, Part B of House No. 2144, Second Floor



Photo 257

Peeling of Plaster on Left Wall of Temple, Part B of House No. 2144, Second Floor



Photo 258

Peeling of Plaster on External Wall of House No. 2144, Second Floor



Photo 259

All Walls & Roof of Shop No.325 of Ground Floor Covered with Wooden Racks & Falls Ceiling



Photo 260

All Walls & Roof of Shop No.324 of Ground Floor Covered with Wooden Racks & Falls Ceiling

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 261

All Walls & Roof of Shop No.323 of Ground Floor Covered with Wooden Racks & Falls Ceiling



Photo 262

All Walls & Roof of Shop No.322 of Ground Floor Covered with Wooden Racks & Falls Ceiling



Photo 263

Shop No.322 of Ground Floor Locked



Photo 264

All Walls & Roof of Shop No.321 of Ground Floor Covered with Wooden Racks & Falls Ceiling



Photo 265

Wall No. 1, 2 & 4 of Shop No.320 of Ground Floor Covered with wooden racks & Material



Photo 266

Wall No. 1, 2 & 4 of Shop No.320A of Ground Floor Covered with wooden racks & Material



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 267

All Walls of Shop No.319 of Ground Floor Covered with material & Wooden racks



Photo 268

All Walls of shop no.318 of Ground Floor Covered with Material & racks



Photo 269

All Walls of Shop No.317 of Ground Floor Covered with Material & racks



Photo 270

Wall No. 2 of Shop No.315 of Ground Floor Covered with Material



Photo 271

Wall No. 4 of Shop no.2 of Ground Floor Covered with Material & Racks



Photo 272

Roof of Shop No.2 of Ground Floor Covered with Wooden ceiling



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 273  
Room No. 1 of House No. 2144, First Floor Locked



Photo 274  
Wall No. 4 of Room No. 4 of House No. 2144, First Floor Covered with Material



Photo 275  
Shop No. 1, Part A of House No. 2144, First Floor Locked



Photo 276  
Shop No. 3, Part A of House No. 2144, First Floor Locked



Photo 277  
Shop No. 5, Part A of House No. 2144, First Floor



Photo 278  
Shop No. 6, Part A of House No. 2144, First Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 279  
Room No. 1 of House No. 2144, Second Floor Locked



Photo 280  
Room No. 2 of House No. 2144, Second Floor Locked



Photo 281  
Room No. 3 of House No. 2144, Second Floor Locked



Photo 282  
Toilet No. 1 of House No. 2144, Second Floor Locked

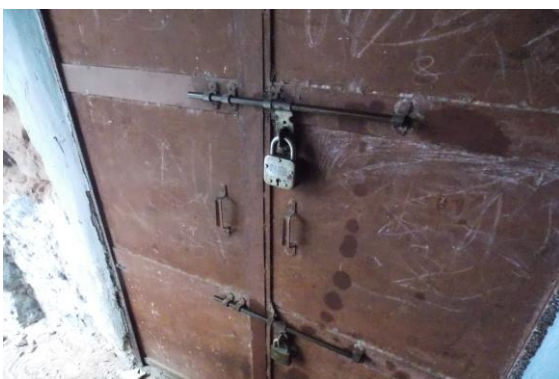


Photo 283  
Room No. 3 of House No. 2144, Ground Floor



Photo 284  
Room No. 11, 12, 13, 14 of Part B, House No. 2144, Ground Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 285  
Room No. 10 of Part B, House No. 2144, Ground Floor Locked



Photo 286  
Room No. 4 of Part B, House No. 2144, Ground Floor Locked



Photo 287  
Room No. 5 of Part B, House No. 2144, Ground Floor Locked



Photo 288  
All wall of Varanda 3, Part B of House No. 2144, Ground Floor Covered with Material



Photo 289  
All wall of Varanda 3, Part B of House No. 2144, Ground Floor Covered with Material



Photo 290  
Room No. 7 of Part B, House No. 2144, Ground Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 291

Room No. 8 of Part B, House No. 2144, Ground Floor Locked



Photo 292

Room No. 9 of Part B, House No. 2144, Ground Floor Locked



Photo 293

Room No. 7 of House No. 2144, First Floor Locked



Photo 294

Room No. 5 of House No. 2144, First Floor Locked



Photo 295

Room No. 12, 13 of House No. 2144, First Floor Locked

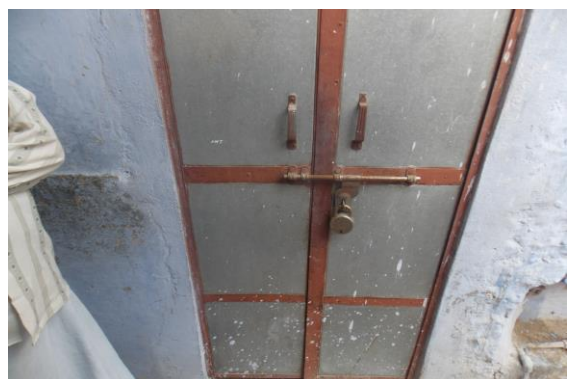


Photo 296

Room No. 14, 15 of House No. 2144, First Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 297  
Room No. 16 of House No. 2144, First Floor



Photo 298  
All Wall of Bathroom of Part B, House No. 2144, Second Floor Covered with Tiles

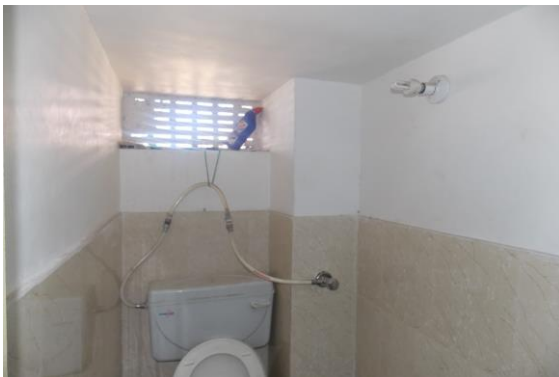


Photo 299  
All Wall of Toilet No. 1 of Part B, House No. 2144, Second Floor Covered with Tiles



Photo 300  
All Wall of Kitchen of Part B, House No. 2144, Second Floor



Photo 301  
Workshop 2, Open Sky 1, Part C of House No. 2144, Ground Floor Locked



Photo 302  
Workshop 1, Open Sky 1, Part C of House No. 2144, Ground Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 303  
Hall No. 2 of Part C, House No. 2144, First Floor Locked



Photo 304  
Store , Part C of House No. 2144, First Floor



Photo 305  
All Wall of Store 2, Part C of House No. 2144, First Floor



Photo 306  
Toilet No. 1 of Part C, House No. 2144, First Floor



Photo 307  
Toilet No. 2 of Part C, House No. 2144, First Floor

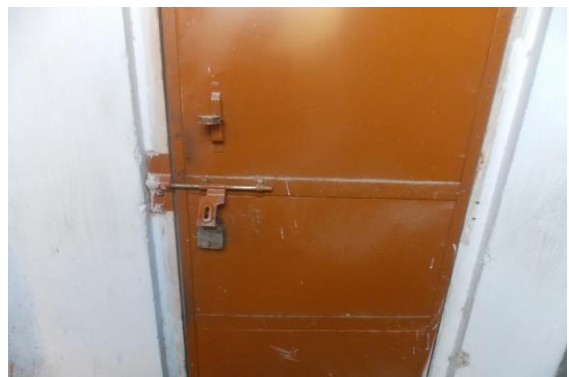


Photo 308  
Toilet No. 3 of Part C, House No. 2144, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 309  
Toilet No. 4 of Part C, House No. 2144, First Floor



Photo 310  
All Wall of Bathroom No. of Part C, House No. 2144, Second Floor Covered with Tiles



Photo 311  
Bathroom of Part C, House No. 2144, Second Floor Locked



Photo 312  
Toilet No. 1, 2, 3 of Part C, House No. 2144, Second Floor Locked



Photo 313  
Toilet No. 1, 2, 3 of Part C, House No. 2144, Second Floor Locked



Photo 314  
Toilet No. 2, 3 of Part C, House No. 2144, Second Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 315  
Toilet No. 2, 3 of Part C, House No. 2144, Second Floor Locked



Photo 316  
Wall No. 1 & 4 of of Back side, Shop No. 1, Part C, House No. 2144, Ground Floor Covered with Material



Photo 317  
Wall No. 2 of Room No. 6 of House No. 2144, Ground Floor Covered with Material



Photo 318  
Back side, Shop No. 1, Part B of House No. 2144, Ground Floor Locked



Photo 319  
Back side, Shop No. 1, Part B of House No. 2144, Ground Floor Locked



Photo 320  
Back side, Shop No. 1, Part B of House No. 2144, Ground Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 321

Back side, Shop No. 1, Part B of House No. 2144, Ground Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 2445 & Shop No. 312-314  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0017

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0017/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owner  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

## Table of Contents

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10	Defect Photographs	
11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	03/01/2014	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 4 floors. The structure was constructed in year 1813 and is 200 years old.

There are 13 defects in the structure out of which 4 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category I (Very Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	4	100%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.61mm and average length of cracks is 1.4m. The maximum crack width is 0.8mm and minimum width is 0.35mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0017-314	A One Nagra Shoe Store		
BC-RA/UP/0017-313	Fancy Nagra Shoe Store		
BC-RA/UP/0017-312			
BC-RA/UP/0017-FF-SF/TF	H.No 2445, Jame Tower		
BC-RA-UP/0017/TF	Front of Shop No. 313		
BC-RA-UP/0017/1 RS			



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2445 & Shop No. 312-314
2	Building Address	House No. 2445 & Shop No. 312-314Jame Tower, Ram Ganj Market Jaipur
3	Year of Construction	1813
4	Number of Floors	G+3
5	Number of Basements	None
6	Type of Building	Residential + Commercial
7	Approximate Height	15m
8	Approximate Area	Not Known
9	Age of Building	200 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Leftside External Column Varanda of Shop no.314 Ground Floor	Horizontal	0.8	0.6	Very Slight	14
2	External Leftside Column & Beam Varanda of Shop no.314 Ground Floor	Inclined	0.8	1.5	Very Slight	15
3	Roof Varanda of shop No.313 Ground Floor	Horizontal	0.35	2	Very Slight	16
4	Leftside External Column Varanda of shop No.313 Ground Floor	Inclined	0.5	1.5	Very Slight	17

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
5	Roof Varanda of Shop no.314 Ground Floor	Peeling of Plaster	18
6	Rightside External Column Varanda of Shop no.314 Ground Floor	Exposed Reinforcement	19
7	Leftside External Column Varanda of shop No.313 Ground Floor	Dampness/Seepage	20
8	Wall No. 2 & 3 Room No. 1 House No. 2445 First Floor	Peeling of Plaster	21
9	Wall No. 2 Room No. 3 House No. 2445 Second Floor	Dampness/Seepage	22
10	Wall No. 2 Room No. 3 House No. 2445 Third Floor	Plaster Crack	23
11	Wall No. 3 Room No. 2 House No. 2445 First Floor	Peeling of Plaster	24
12	Wall No. 4 Room No. 2	Dampness/Seepage	25
13	Roof Shop Aggarwal Chai Bhandar Ground Floor	Dampness/Seepage	26

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All Walls & Roof Shop No.314 Ground Floor	Covered with wooden & Material	27
2	All Walls Shop No.313 Ground Floor	Covered with Material	28
3	All Walls Bathroom House No. 2445 Second Floor	Covered with Tiles	29
4	All Walls Toilet No. 1 House No. 2445 Second Floor	Covered with Tiles	30
5	All Walls Bathroom House No. 2445 Third Floor	Covered with Tiles	31
6	All Walls Toilet No. 1 House No. 2445 Third Floor	Covered with Tiles	32
7	Wall No. 1, 2 & 4 Shop Aggarwal Chai Bhandar Ground Floor	Covered With Material	33

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
General View



Photo 2  
View of Shop A.S.Nagra Shoes store, Ground Floor



Photo 3  
View of shop Fancy Nagra Shoes store, Ground Floor



Photo 4  
House No. 2445 First Floor



Photo 5  
House No. 2445 Second Floor



Photo 6  
House No. 2445 Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
House No. 2445 Third Floor



Photo 8  
House No. 2445 Third Floor



Photo 9  
View of Shop Aggarwal Chai Bhandar, Ground Floor



Photo 10



Photo 11  
, General View



Photo 12  
General View

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13  
General View



Photo 14  
Horizontal Crack on L/s External Column of Varanda of Shop no.314, G/F Approx. Width = 0.8mm, Approx. Length = 0.6m.



Photo 15  
Inclined Crack on External L/s Column & Beam of Varanda of Shop no.314, Ground Floor Approx. Width = 0.8mm, Approx. Length = 1.5m. Dist. from L/s Wall = 0.3m, Height from Floor = 3m.



Photo 16  
Horizontal Crack on Roof of Varanda of shop No.313, Ground Floor Approx. Width = 0.35mm, Approx. Length = 2m. Distance from Leftside External Column = 0.4m, Height from Floor = 3.5m.



Photo 17  
Inclined Crack on L/s External Column of Varanda of shop No.313, G/F Approx. Width = 0.5mm, Approx. Length = 1.5m. Distance from = Front of L/s External column, Height from Floor = 3m.



Photo 18  
Peeling of Plaster on Roof of Varanda of Shop no.314 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19

Exposed Reinforcement on Rightside External Column of Varanda of Shop no.314 of Ground Floor



Photo 20

Dampness/Seepage on Leftside External Column of Varanda of shop No.313 of Ground Floor



Photo 21

Peeling of Plaster on Wall No. 2 & 3 of Room No. 1 of House No. 2445 First Floor



Photo 22

Dampness/Seepage on Wall No. 2 of Room No. 3 of House No. 2445 Second Floor



Photo 23

Plaster Crack on Wall No. 2 of Room No. 3 of House No. 2445 Third Floor



Photo 24

Peeling of Plaster on Wall No. 3 of Room No. 2 of House No. 2445 First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 25  
Dampness/Seepage on Wall No. 4 of Room No. 2 of



Photo 26  
Dampness/Seepage on Roof of Shop Aggarwal Chai Bhandar of Ground Floor



Photo 27  
All Walls & Roof of Shop No.314 of Ground Floor Covered with wooden & Material



Photo 28  
All Walls of Shop No.313 of Ground Floor Covered with Material

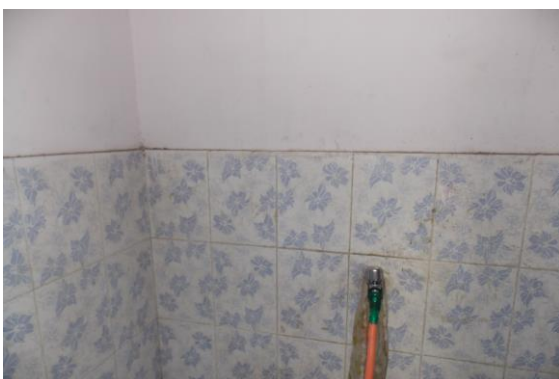


Photo 29  
All Walls of Bathroom of House No. 2445 Second Floor Covered with Tiles



Photo 30  
All Walls of Toilet No. 1 of House No. 2445 Second Floor Covered with Tiles

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 31

All Walls of Bathroom of House No. 2445 Third Floor Covered with Tiles



Photo 32

All Walls of Toilet No. 1 of House No. 2445 Third Floor Covered with Tiles



Photo 33

Wall No. 1, 2 & 4 of Shop Aggarwal Chai Bhandar of Ground Floor Covered With Material

Pre - Condition Building Survey for Construction of Underground Stations from from Chandpole to Bari Chouper and reversal line



Shop No. 309-311 and House above  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0018

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0018/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owner  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	24/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

## About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 4 floors. The structure was constructed in year 1813 and is 200 years old.

There are 57 defects in the structure out of which 9 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category V (Very Severe)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	4	44.44%
Slight (1 to 5mm)	4	44.44%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	1	11.11%

The average width of cracks is 3.67mm and average length of cracks is 1.73m. The maximum crack width is 25mm and minimum width is 0.6mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0018-311	Ali Chiken Centre		
BC-RA/UP/0018-310	Sweet King		
BC-RA/UP/0018-309	Ali Chiken Centre		
BC-RA/UP/0018-FF-SF			

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Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No. 309-311 and House above
2	Building Address	Shop No. 309-311 and House above Ram Ganj Market Jaipur
3	Year of Construction	1813
4	Number of Floors	G+3
5	Number of Basements	None
6	Type of Building	Residential + Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	200 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Wall No. 4 Varanda No.1 Second Floor	Inclined	1.5	1.1	Slight	2, 2A
2	Wall No. 4 Varanda No.1 Second Floor	Inclined	0.6	1.8	Very Slight	3, 3A
3	Wall No. 3 Varanda No.1 Second Floor	Inclined	0.8	1.4	Very Slight	4, 4A
4	Roof Varanda No.2 Second Floor	Horizontal	0.8	2.7	Very Slight	5
5	Wall No. 2 Room No. 1 House Above Shop No.309 to 311, Second Floor	Inclined	0.8	1.1	Very Slight	6, 6A
6	Wall No. 1 Open Sky Second Floor	Inclined	1	3	Slight	7, 7A
7	Wall No. 4 Bathroom House Above Shop No.309 to 311, Third Floor	Inclined	1	1	Slight	8, 8A
8	Wall No. 1 open Sky Third Floor	Inclined	1.5	1.5	Slight	9
9	Wall No. 2 Staircase Ground Floor to First Floor	Inclined	25	2	Very Severe	10, 10A

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
10	Roof Varanda No.1 Second Floor	Peeling of Plaster	11
11	Wall No. 4 Varanda No.1 Second Floor	Peeling of Plaster	12
12	Wall No. 2 Varanda No.1 Second Floor	Peeling of Plaster	13
13	Wall No. 2 & 4, Roof Varanda No.2 Second Floor	Dampness/Seepage	14
14	Wall No. 1 & Roof Varanda No.2 Second Floor	Dampness/Seepage	15
15	Wall No. 1 Varanda No.2 Second Floor	Peeling of Plaster	16
16	Wall No. 1 & Roof Room No. 1 House Above Shop No.309 to 311, Second Floor	Dampness/Seepage	17
17	Wall No. 4 Room No. 1 House Above Shop No.309 to 311, Second Floor	Peeling of Plaster	18
18	Wall No. 4 Room No. 1 House Above Shop No.309 to 311, Second Floor	Peeling of Plaster	19
19	Wall No. 2 Room No. 1 House Above Shop No.309 to 311, Second Floor	Peeling of Plaster	20
20	Wall No. 3 Room No. 1 House Above Shop No.309 to 311, Second Floor	Peeling of Plaster	21
21	Wall No. 3 Sunshade Second Floor	Damaged Portion	22
22	Wall No. 1 Sunshade Second Floor	Damaged Portion	23
23	Wall No. 4 Open Sky Second Floor	Peeling of Plaster	24
24	Wall No. 2 Open Sky Second Floor	Peeling of Plaster	25
25	Wall No. 1 Staircase Second Floor To Third Floor	Peeling of Plaster	26
26	Wall No. 2 Staircase Second Floor To Third Floor	Peeling of Plaster	27
27	Steps Staircase Second Floor To Third Floor	Peeling of Plaster	28
28	Wall No. 1 Staircase Second Floor To Third Floor	Peeling of Plaster	29
29	Roof Staircase Second Floor To Third Floor	Peeling of Plaster	30
30	Wall No. 4 Bathroom House Above Shop No.309 to 311, Third Floor	Peeling of Plaster	31
31	Roof Bathroom House Above Shop No.309 to 311, Third Floor	Peeling of Plaster	32
32	Wall No. 2 Bathroom House Above Shop No.309 to 311, Third Floor	Peeling of Plaster	33
33	Wall No. 3 Bathroom House Above Shop No.309 to 311, Third Floor	Peeling of Plaster	34
34	Roof Staircase Second Floor to Third Floor	Peeling of Plaster	35

35	Wall No. 1 Room No. 1 Third Floor	Dampness/Seepage	36
36	Wall No. Floor Terrace Third Floor	Peeling of Plaster	37
37	Wall No. 1 open Sky Third Floor	Peeling of Plaster	38
38	Wall No. 1 Room No. 1 House Above Shop No.309 to 311, First Floor	Peeling of Plaster	39
39	Wall No. 4 & Roof Room No. 1 House Above Shop No.309 to 311, First Floor	Dampness/Seepage	40
40	Roof Room No. 1 House Above Shop No.309 to 311, First Floor	Peeling of Plaster	41
41	Wall No. 1 & 4 Passage First Floor	Peeling of Plaster	42
42	Roof Passage First Floor	Peeling of Plaster	43
43	Wall No. 4 Bathroom First Floor	Peeling of Plaster	44
44	Wall No. 3 Varanda First Floor	Peeling of Plaster	45
45	Wall No. 1 Varanda First Floor	Peeling of Plaster	46
46	Wall No. 2 Varanda First Floor	Peeling of Plaster	47
47	Frontside Wall First Floor	Peeling of Plaster	48
48	Frontside Wall First Floor	Peeling of Plaster	49
49	Frontside Wall First Floor	Peeling of Plaster	50
50	Frontside Wall First Floor	Damaged Portion	51
51	Frontside Wall Sunshade First Floor	Damaged Portion	52
52	Frontside Wall Sunshade First Floor	Damaged Portion	53
53	Frontside Wall Second Floor	Peeling of Plaster	54
54	Frontside Wall Second Floor	Peeling of Plaster	55
55	Frontside Wall Sunshade Second Floor	Damaged Portion	56
56	Frontside Wall Sunshade Second Floor	Damaged Portion	57
57	Wall No. 2 Staircase Ground Floor to First Floor	Peeling of Plaster	58

Summary of Areas that Could not be Surveyed

Serial No.	Location	Description	Photo No.
1	Room No. 2 First Floor	Locked	59
2	Room No. 3 First Floor	Locked	60



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Photo 1

View of House Above Shop No.309 to 311



Photo 2

Inclined Crack on Wall No. 4 of Varanda No.1, Second Floor  
Approx. Width = 1.5mm, Approx. Length = 1.1m.  
Distance from Wall No.1 = 0.4m, Height from Floor = 1.3m.



Photo 2A

Inclined Crack on Wall No. 4 of Varanda No.1, Second Floor  
Approx. Width = 1.5mm, Approx. Length = 1.1m.  
Distance from Wall No.1 = 0.4m, Height from Floor = 1.3m.



Photo 3

Inclined Crack on Wall No. 4 of Varanda No.1, Second Floor  
Approx. Width = 0.6mm, Approx. Length = 1.8m.  
Distance from Wall No.1 = 3.4m, Height from Floor = 0m.



Photo 3A

Inclined Crack on Wall No. 4 of Varanda No.1, Second Floor  
Approx. Width = 0.6mm, Approx. Length = 1.8m.  
Distance from Wall No.1 = 3.4m, Height from Floor = 0m.



Photo 4

Inclined Crack on Wall No. 3 of Varanda No.1, Second Floor  
Approx. Width = 0.8mm, Approx. Length = 1.4m.  
Distance from Wall No.2 = 1.5m, Height from Floor = 2m.



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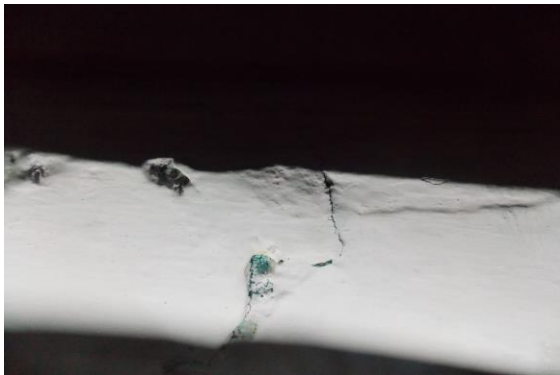
**Photo 4A**

Inclined Crack on Wall No. 3 of Varanda No.1, Second Floor  
Approx. Width = 0.8mm, Approx. Length = 1.4m.  
Distance from Wall No.2 = 1.5m, Height from Floor = 2m.



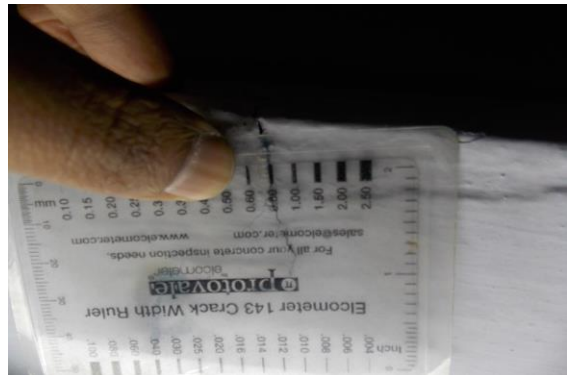
**Photo 5**

Horizontal Crack on Roof of Varanda No.2, Second Floor  
Approx. Width = 0.8mm, Approx. Length = 2.7m.  
Distance from Wall No.3 = 1.7m, Height from Floor = 2.5m.



**Photo 6**

Inclined Crack on Wall No. 2 of Room No. 1, House Above Shop No.309 to 311, Second Floor  
Approx. Width = 0.8mm, Approx. Length = 1.1m.  
Distance from Wall No 3 = 1.2m Height from Floor = 2m



**Photo 6A**

Inclined Crack on Wall No. 2 of Room No. 1, House Above Shop No.309 to 311, Second Floor  
Approx. Width = 0.8mm, Approx. Length = 1.1m.  
Distance from Wall No 3 = 1.2m Height from Floor = 2m



**Photo 7**

Inclined Crack on Wall No. 1 of Open Sky, Second Floor  
Approx. Width = 1mm, Approx. Length = 3m.  
Distance from Wall No.4 = 1m, Height from Floor = 0m.



**Photo 7A**

Inclined Crack on Wall No. 1 of Open Sky, Second Floor  
Approx. Width = 1mm, Approx. Length = 3m.  
Distance from Wall No.4 = 1m, Height from Floor = 0m.

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Photo 8

Inclined Crack on Wall No. 4 of Bathroom of House Above Shop No.309 to 311, Third Floor

Approx. Width = 1mm, Approx. Length = 1m.

Distance from Wall No 1 = 0.5m Height from Floor = 2m



Photo 8A

Inclined Crack on Wall No. 4 of Bathroom No. of House Above Shop No.309 to 311, Third Floor

Approx. Width = 1mm, Approx. Length = 1m.

Distance from Wall No 1 = 0.5m Height from Floor = 2m



Photo 9

Inclined Crack on Wall No. 1 of open Sky, Third Floor

Approx. Width = 1.5mm, Approx. Length = 1.5m.

Distance from Wall No.3 = 2m, Height from Floor = 0m.



Photo 10

Inclined Crack on Wall No. 2 of Staircase Ground Floor to First Floor

Approx. Width = 25mm, Approx. Length = 2m.

Distance from Wall No.3 = 0.3m, Height from Floor = 0m.



Photo 10A

Inclined Crack on Wall No. 2 of Staircase Ground Floor to First Floor

Approx. Width = 25mm, Approx. Length = 2m.

Distance from Wall No.3 = 0.3m, Height from Floor = 0m.



Photo 11

Peeling of Plaster on Roof of Varanda No.1 of Second Floor



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Photo 12

Peeling of Plaster on Wall No. 4 of Varanda No.1 of Second Floor



Photo 13

Peeling of Plaster on Wall No. 2 of Varanda No.1 of Second Floor



Photo 14

Dampness/Seepage on Wall No. 2 & 4, Roof of Varanda No.2 of Second Floor



Photo 15

Dampness/Seepage on Wall No. 1 & Roof of Varanda No.2 of Second Floor



Photo 16

Peeling of Plaster on Wall No. 1 of Varanda No.2 of Second Floor



Photo 17

Dampness/Seepage on Wall No. 1 & Roof of Room No. 1 of House Above Shop No.309 to 311, Second Floor



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Photo 18

Peeling of Plaster on Wall No. 4 of Room No. 1 of House Above Shop No.309 to 311, Second Floor



Photo 19

Peeling of Plaster on Wall No. 4 of Room No. 1 of House Above Shop No.309 to 311, Second Floor



Photo 20

Peeling of Plaster on Wall No. 2 of Room No. 1 of House Above Shop No.309 to 311, Second Floor



Photo 21

Peeling of Plaster on Wall No. 3 of Room No. 1 of House Above Shop No.309 to 311, Second Floor



Photo 22

Damaged Portion on Wall No. 3 of Sunshade of Second Floor



Photo 23

Damaged Portion on Wall No. 1 of Sunshade of Second Floor

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Photo 24  
Peeling of Plaster on Wall No. 4 of Open Sky of Second Floor



Photo 25  
Peeling of Plaster on Wall No. 2 of Open Sky of Second Floor



Photo 26  
Peeling of Plaster on Wall No. 1 of Staircase Second Floor To Third Floor



Photo 27  
Peeling of Plaster on Wall No. 2 of Staircase Second Floor To Third Floor



Photo 28  
Peeling of Plaster on Wall No. Steps of Staircase Second Floor To Third Floor



Photo 29  
Peeling of Plaster on Wall No. 1 of Staircase Second Floor To Third Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 30

Peeling of Plaster on Roof of Staircase Second Floor To Third Floor



Photo 31

Peeling of Plaster on Wall No. 4 of Bathroom of House Above Shop No.309 to 311, Third Floor



Photo 32

Peeling of Plaster on Roof of Bathroom of House Above Shop No.309 to 311, Third Floor



Photo 33

Peeling of Plaster on Wall No. 2 of Bathroom of House Above Shop No.309 to 311, Third Floor



Photo 34

Peeling of Plaster on Wall No. 3 of Bathroom of House Above Shop No.309 to 311, Third Floor



Photo 35

Peeling of Plaster on Roof of Staircase Second Floor to Third Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 36

Dampness/Seepage on Wall No. 1 of Room No. 1 of Third Floor



Photo 37

Peeling of Plaster on Floor of Terrace of Third Floor



Photo 38

Peeling of Plaster on Wall No. 1 of open Sky of Third Floor



Photo 39

Peeling of Plaster on Wall No. 1 of Room No. 1 of House Above Shop No.309 to 311, First Floor



Photo 40

Dampness/Seepage on Wall No. 4 & Roof of Room No. 1 of House Above Shop No.309 to 311, First Floor



Photo 41

Peeling of Plaster on Roof of Room No. 1 of House Above Shop No.309 to 311, First Floor

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Photo 42

Peeling of Plaster on Wall No. 1 & 4 of Passage of First Floor



Photo 43

Peeling of Plaster on Roof of Passage of First Floor



Photo 44

Peeling of Plaster on Wall No. 4 of Bathroom of First Floor



Photo 45

Peeling of Plaster on Wall No. 3 of Varanda of First Floor



Photo 46

Peeling of Plaster on Wall No. 1 of Varanda of First Floor



Photo 47

Peeling of Plaster on Wall No. 2 of Varanda of First Floor



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Photo 48  
Peeling of Plaster on Frontside Wall of First Floor



Photo 49  
Peeling of Plaster on Frontside Wall of First Floor



Photo 50  
Peeling of Plaster on Frontside Wall of First Floor



Photo 51  
Damaged Portion on Frontside Wall of First Floor



Photo 52  
Damaged Portion on Frontside Wall of Sunshade of First Floor



Photo 53  
Damaged Portion on Frontside Wall of Sunshade of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 54  
Peeling of Plaster on Frontside Wall of Second Floor



Photo 55  
Peeling of Plaster on Frontside Wall of Second Floor



Photo 56  
Damaged Portion on Frontside Wall of Sunshade of Second Floor



Photo 57  
Damaged Portion on Frontside Wall of Sunshade of Second Floor



Photo 58  
Peeling of Plaster on Wall No. 2 of Staircase Ground Floor to First Floor



Photo 59  
Room No. 2 of First Floor Locked

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Photo 60

Room No. 3 of First Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No. 300-308  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0019

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0019/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owner  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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9	Summary of Areas that Could not be surveyed	
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Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	30/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1860 and is 153 years old.

There are 85 defects in the structure out of which 6 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	4	66.67%
Slight (1 to 5mm)	2	33.33%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.7mm and average length of cracks is 1.78m. The maximum crack width is 1.5mm and minimum width is 0.3mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0019-308	Ali Chiken Centre		
BC-RA/UP/0019-307	Ali Chiken Centre		
BC-RA/UP/0019-306	M.S. Chicken Centre		
BC-RA/UP/0019-305	M.S. Chicken Centre		
BC-RA/UP/0019-304	Mukesh Tent & Electricals		
BC-RA/UP/0019-303	Indian Arts & Crafts		
BC-RA/UP/0019-302	Indian Arts & Crafts		
BC-RA/UP/0019-301	Indian Arts & Crafts		
BC-RA/UP/0019-FF-SF			

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Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No. 300-308
2	Building Address	Shop No. 300-308 Ram Ganj Market Jaipur
3	Year of Construction	1860
4	Number of Floors	G+2
5	Number of Basements	None
6	Type of Building	Residential + Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	153 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None



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Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Left External Column Varanda of Shop No.307 Ground Floor	Inclined	0.3	1	Very Slight	13
2	Roof Varanda of Shop No.307 Ground Floor	Horizontal	0.4	2.2	Very Slight	14
3	Wall No. 1 Varanda Shop No. 300, Ground Floor	Horizontal	0.4	2	Very Slight	15
4	Left Side Collumn Varanda Shop No. 300, Ground Floor	Inclined	1.5	1	Slight	16
5	Left Side Collumn Varanda Shop No. 300, Ground Floor	Horizontal	0.6	2	Very Slight	17, 17A
6	Roof Hall No. 1 Shop No. 302, Upper Ground Floor	Horizontal	1	2.5	Slight	18, 18A

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
7	Roof Varanda of Shop No.308 Ground Floor	Peeling of Plaster	19
8	Roof Shop No.308 Ground Floor	Peeling of Plaster	20
9	Wall No. 4 Shop No.308 Ground Floor	Peeling of Plaster	21
10	Wall No. 1 Shop No.308 Ground Floor	Peeling of Plaster	22
11	Roof Varanda of Shop No.307 Ground Floor	Dampness/Seepage	23
12	Roof Varanda of Shop No.307 Ground Floor	Peeling of Plaster	24
13	Roof Varanda of Shop No.306 Ground Floor	Peeling of Plaster	25
14	Beam Varanda of Shop No.306 Ground Floor	Dampness/Seepage	26
15	Beam Varanda of Shop No.306 Ground Floor	Peeling of Plaster	27
16	Roof Part A of Shop No.306 Ground Floor	Peeling of Plaster	28
17	Wall No. 4 Part A of Shop No.306 Ground Floor	Peeling of Plaster	29
18	Wall No. 1 & Roof Part A of Shop No.306 Ground Floor	Peeling of Plaster	30
19	Wall No. 4 Part A of Shop No.306 Ground Floor	Peeling of Plaster	31
20	Wall No. 5, 6 & Roof Part A of Shop No.306 Ground Floor	Dampness/Seepage	32
21	Wall No. 4 Part B of Shop No.306 Ground Floor	Peeling of Plaster	33
22	Wall No. 1 Part B of Shop No.306 Ground Floor	Peeling of Plaster	34
23	Wall No. 2 Part B of Shop No.306 Ground Floor	Dampness/Seepage	35
24	Wall No. 3 Part B of Shop No.306 Ground Floor	Peeling of Plaster	36
25	Roof Part B of Shop No.306 Ground Floor	Peeling of Plaster	37
26	Roof Part C of Shop No.306 Ground Floor	Dampness/Seepage	38
27	Wall No. 1 & 3 Part C of Shop No.306 Ground Floor	Dampness/Seepage	39
28	Wall No. 4 Part D of Shop No.306 Ground Floor	Dampness/Seepage	40
29	Roof Varanda of Shop No.305 Ground Floor	Peeling of Plaster	41
30	Wall No. 1 Shop No.305 Ground Floor	Damaged Portion	42
31	Roof Varanda of Shop No.304 Ground Floor	Peeling of Plaster	43
32	Roof Varanda of Shop No.304 Ground Floor	Peeling of Plaster	44
33	Beam Varanda of Shop No.304 Ground Floor	Peeling of Plaster	45
34	Roof Varanda of Shop No.303 Ground Floor	Peeling of Plaster	46
35	Roof Varanda of Shop No.302 Ground Floor	Peeling of Plaster	47
36	Roof Varanda of Shop No.302 Ground Floor	Dampness/Seepage	48
37	Roof Varanda of Shop No.302 Ground Floor	Peeling of Plaster	49
38	Wall No. 1 & 4 Shop No.302 Ground Floor	Dampness/Seepage	50

39	Wall No. 1 Shop No.302 Ground Floor	Peeling of Plaster	51
40	Roof Varanda of Shop No.301 Ground Floor	Dampness/Seepage	52
41	Roof Varanda of Shop No.301 Ground Floor	Damaged Portion	53
42	Roof Varanda Shop No. 300, Ground Floor	Peeling of Plaster	54
43	Beam Varanda Shop No. 300, Ground Floor	Dampness/Seepage	55
44	Wall No. 1 Shop No. 300 Ground Floor	Plaster Crack	56
45	Roof Part A Shop No. 300, Lower Ground Floor	Dampness/Seepage	57
46	Wall No. 4 Part A Shop No. 300, Lower Ground Floor	Dampness/Seepage	58
47	Wall No. 1 Part A Shop No. 300, Lower Ground Floor	Dampness/Seepage	59
48	Roof Part B Shop No. 300, Lower Ground Floor	Dampness/Seepage	60
49	Roof Part B Shop No. 300, Lower Ground Floor	Dampness/Seepage	61
50	Wall No. 2 Part B Shop No. 300, Lower Ground Floor	Dampness/Seepage	62
51	Wall No. 1 Part C Shop No. 300, Lower Ground Floor	Dampness/Seepage	63
52	Wall No. 1 Part C Shop No. 300, Lower Ground Floor	Damaged Portion	64
53	Wall No. 2 Room No. 1 Shop No. 300, Lower Ground Floor	Dampness/Seepage	65
54	Wall No. 1 Hall No. 1 Shop No. 300, Upper Ground Floor	Peeling of Plaster	66
55	Roof Beam Hall No. 1 Shop No. 301, Upper Ground Floor	Peeling of Plaster	67
56	Wall No. 1 Staircase Ground Floor to First Floor Above Shop No.300, First Floor	Peeling of Plaster	68
57	Wall No. 1 & 4 Staircase Ground Floor to First Floor Above Shop No.300, First Floor	Peeling of Plaster	69
58	Wall No. 1 Open Sky Above Shop No.300, First Floor	Peeling of Plaster	70
59	Wall No. 3 & Right Side Entry Gate Above Shop No.300, First Floor	Damaged Portion	71
60	Wall No. 3 & Left Side Entry Gate Above Shop No.300, First Floor	Damaged Portion	72
61	Wall No. 3 Entry Gate Above Shop No.300, First Floor	Damaged Portion	73
62	Wall No. 2 Entry Gate Above Shop No.300, First Floor	Damaged Portion	74
63	Wall No. 4 Entry Gate Above Shop No.300, First Floor	Peeling of Plaster	75
64	Wall No. 1 & Sunshade Entry Gate Above Shop No.300, First Floor	Damaged Portion	76
65	Wall No. 1 & Sunshade Entry Gate Above Shop No.300, First Floor	Peeling of Plaster	77
66	Roof Room No. 1 Above Shop No.300, First Floor	Peeling of Plaster	78
67	Wall No. 2 Room No. 1 Above Shop No.300, First Floor	Dampness/Seepage	79
68	Wall No. 1 Room No. 1 Above Shop No.300, First Floor	Dampness/Seepage	80
69	Wall No. 3 Room No. 1 Above Shop No.300, First Floor	Dampness/Seepage	81
70	Roof Room No. 2 Above Shop No.300, First Floor	Dampness/Seepage	82
71	Wall No. 3 Room No. 2 Above Shop No.300, First Floor	Damaged Portion	83
72	Wall No. 1 Room No. 2 Above Shop No.300, First Floor	Peeling of Plaster	84
73	Wall No. 2 Room No. 2 Above Shop No.300, First Floor	Damaged Portion	85
74	Shade Open Sky Above Shop No.300, Second Floor	Damaged Portion	86
75	Wall No. 3 Open Sky Above Shop No.300, Second Floor	Peeling of Plaster	87
76	Parapit Wall Open Sky Above Shop No.300, Second Floor	Damaged Portion	88
77	Wall No. 2 Stair First Floor to Second Floor Above Shop No.300, Second Floor	Damaged Portion	89

78	Wall No. 1 Stair First Floor to Second Floor Above Shop No.300, Second Floor	Damaged Portion	90
79	Stair Step First Floor to Second Floor Above Shop No.300, Second Floor	Damaged Portion	91
80	Roof Stair First Floor to Second Floor Above Shop No.300, Second Floor	Damaged Portion	92
81	Wall No. 2 Back Side of Stair First Floor to Second Floor Above Shop No.300, First Floor	Peeling of Plaster	93
82	Wall No. 1 Back Side of Stair First Floor to Second Floor Above Shop No.300, First Floor	Damaged Portion	94
83	Outer Wall External Façade Above Shop No.300, Second Floor	Damaged Portion	95
84	Left Side Shed External Façade Above Shop No.300, Second Floor	Damaged Portion	96
85	Upper Parapet Wall External Façade Above Shop No.300, Third Floor	Damaged Portion	97

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All Walls Shop No.308 Ground Floor	Covered With Tiles	98
2	All Walls Shop No.307 Ground Floor	Covered With Tiles	99
3	All Walls Shop No.304 Ground Floor	Covered With Wooden Work	100
4	Roof Shop No.304 Ground Floor	Covered With Falls Ceiling	101
5	All Walls Shop No.303 Ground Floor	Covered With Material	102
6	All Walls Shop No.302 Ground Floor	Covered With Material	103
7	All Walls Shop No.301 Ground Floor	Covered With Woods	104





Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
Front View of Shop No. 300



Photo 2  
View of Shop no.308, Ground Floor



Photo 3  
View of Shop No.307, Ground Floor



Photo 4  
View of Shop no.306, Ground Floor



Photo 5  
View of Shop No.305, Ground Floor



Photo 6  
View of Shop no.304, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
View of Shop No.303, Ground Floor



Photo 8  
View of Shop No.302, Ground Floor



Photo 9  
View of Shop No.301, Ground Floor



Photo 10  
Passage, Shop No. 300, Ground Floor



Photo 11  
View of Room No. 2, Shop No. 300, Ground Floor



Photo 12  
Shop No. 300, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Inclined Crack on Left External Column of Varanda of Shop No.307, Ground Floor Approx. Width = 0.3mm, Approx. Length = 1m. Distance from L.S. Ext. Col = 0m, Height from Floor = 2.5m.



Photo 14

Horizontal Crack on Roof of Varanda of Shop No.307, Ground Floor Approx. Width = 0.4mm, Approx. Length = 2.2m. Distance from Leftside External Column = 0m, Height from Floor = 3m.



Photo 15

Horizontal Crack on Wall No. 1 of Varanda, Shop No. 300, Ground Floor Approx. Width = 0.4mm, Approx. Length = 2m. Distance from Left Side External Column = 0m, Height from Floor = 3m.



Photo 16

Inclined Crack on Left Side Column of Varanda, Shop No. 300, Ground Floor Approx. Width = 1.5mm, Approx. Length = 1m. Distance from L.S. Ext. Column = 0m, Height from Floor = 2m.



Photo 17

Horizontal Crack on Left Side Column of Varanda, Shop No. 300, Ground Floor Approx. Width = 0.6mm, Approx. Length = 2m. Distance from L.S. Ext Column = 0m, Height from Floor = 3m.



Photo 17A

Horizontal Crack on Left Side Column of Varanda, Shop No. 300, Ground Floor Approx. Width = 0.6mm, Approx. Length = 2m. Distance from L.S. External Column = 0m, Height from Floor = 3m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 18

Horizontal Crack on Roof of Hall No. 1, Shop No. 302, Upper Ground Floor Approx. Width = 1mm, Approx. Length = 2.5m. Distance from Wall No.4 = 0m, Height from Floor = 2m.



Photo 18A

Horizontal Crack on Roof of Hall No. 1, Shop No. 302, Upper Ground Floor Approx. Width = 1mm, Approx. Length = 2.5m. Distance from Wall No.4 = 0m, Height from Floor = 2m.



Photo 19

Peeling of Plaster on Roof of Varanda of Shop No.308 of Ground Floor



Photo 20

Peeling of Plaster on Roof of Shop No.308 of Ground Floor



Photo 21

Peeling of Plaster on Wall No. 4 of Shop No.308 of Ground Floor



Photo 22

Peeling of Plaster on Wall No. 1 of Shop No.308 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 23

Dampness/Seepage on Roof of Varanda of Shop No.307 of Ground Floor



Photo 24

Peeling of Plaster on Roof of Varanda of Shop No.307 of Ground Floor



Photo 25

Peeling of Plaster on Roof of Varanda of Shop No.306 of Ground Floor



Photo 26

Dampness/Seepage on Beam of Varanda of Shop No.306 of Ground Floor



Photo 27

Peeling of Plaster on Beam of Varanda of Shop No.306 of Ground Floor

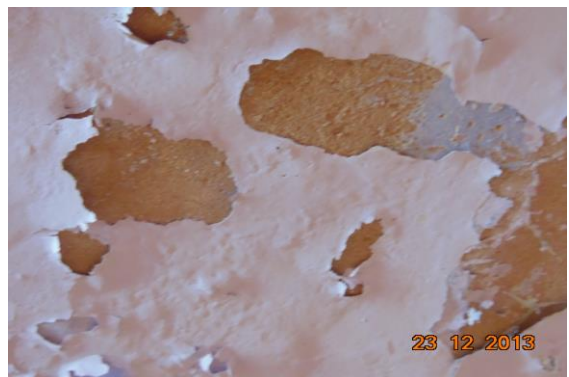


Photo 28

Peeling of Plaster on Roof of Part A of Shop No.306 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 29

Peeling of Plaster on Wall No. 4 of Part A of Shop No.306 of Ground Floor



Photo 30

Peeling of Plaster on Wall No. 1 & Roof of Part A of Shop No.306 of Ground Floor



Photo 31

Peeling of Plaster on Wall No. 4 of Part A of Shop No.306 of Ground Floor



Photo 32

Dampness/Seepage on Wall No. 5, 6 & Roof of Part A of Shop No.306 of Ground Floor

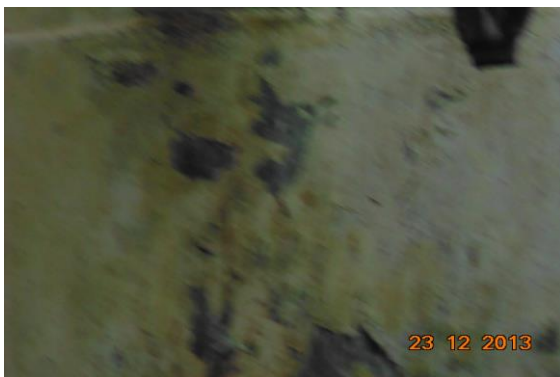


Photo 33

Peeling of Plaster on Wall No. 4 of Part B of Shop No.306 of Ground Floor



Photo 34

Peeling of Plaster on Wall No. 1 of Part B of Shop No.306 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 35

Dampness/Seepage on Wall No. 2 of Part B of Shop No.306 of Ground Floor



Photo 36

Peeling of Plaster on Wall No. 3 of Part B of Shop No.306 of Ground Floor



Photo 37

Peeling of Plaster on Roof of Part B of Shop No.306 of Ground Floor



Photo 38

Dampness/Seepage on Roof of Part C of Shop No.306 of Ground Floor



Photo 39

Dampness/Seepage on Wall No. 1 & 3 of Part C of Shop No.306 of Ground Floor



Photo 40

Dampness/Seepage on Wall No. 4 of Part D of Shop No.306 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 41

Peeling of Plaster on Roof of Varanda of Shop No.305 of Ground Floor



Photo 42

Damaged Portion on Wall No. 1 of Shop No.305 of Ground Floor



Photo 43

Peeling of Plaster on Roof of Varanda of Shop No.304 of Ground Floor



Photo 44

Peeling of Plaster on Roof of Varanda of Shop No.304 of Ground Floor



Photo 45

Peeling of Plaster on Beam of Varanda of Shop No.304 of Ground Floor



Photo 46

Peeling of Plaster on Roof of Varanda of Shop No.303 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 47

Peeling of Plaster on Roof of Varanda of Shop No.302 of Ground Floor



Photo 48

Dampness/Seepage on Roof of Varanda of Shop No.302 of Ground Floor



Photo 49

Peeling of Plaster on Roof of Varanda of Shop No.302 of Ground Floor

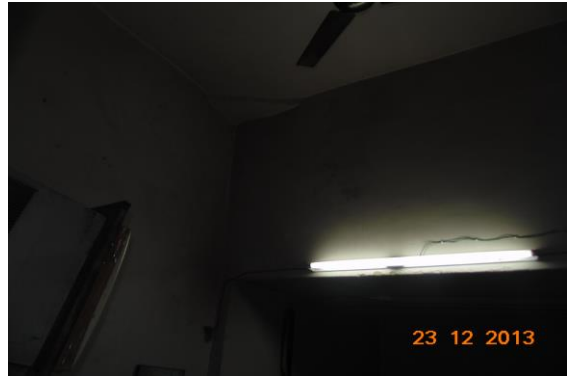


Photo 50

Dampness/Seepage on Wall No. 1 & 4 of Shop No.302 of Ground Floor



Photo 51

Peeling of Plaster on Wall No. 1 of Shop No.302 of Ground Floor



Photo 52

Dampness/Seepage on Roof of Varanda of Shop No.301 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 53

Damaged Portion on Roof of Varanda of Shop No.301 of Ground Floor



Photo 54

Peeling of Plaster on Roof of Varanda of Shop No. 300, Ground Floor



Photo 55

Dampness/Seepage on Beam of Varanda of Shop No. 300, Ground Floor



Photo 56

Plaster Crack on Wall No. 1 of Shop No. 300 of Ground Floor



Photo 57

Dampness/Seepage on Roof of Part A of Shop No. 300, Lower Ground Floor



Photo 58

Dampness/Seepage on Wall No. 4 of Part A of Shop No. 300, Lower Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 59

Dampness/Seepage on Wall No. 1 of Part A of Shop No. 300, Lower Ground Floor



Photo 60

Dampness/Seepage on Roof of Part B of Shop No. 300, Lower Ground Floor



Photo 61

Dampness/Seepage on Roof of Part B of Shop No. 300, Lower Ground Floor



Photo 62

Dampness/Seepage on Wall No. 2 of Part B of Shop No. 300, Lower Ground Floor



Photo 63

Dampness/Seepage on Wall No. 1 of Part C of Shop No. 300, Lower Ground Floor



Photo 64

Damaged Portion on Wall No. 1 of Part C of Shop No. 300, Lower Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 65

Dampness/Seepage on Wall No. 2 of Room No. 1 of Shop No. 300, Lower Ground Floor



Photo 66

Peeling of Plaster on Wall No. 1 of Hall No. 1 of Shop No. 300, Upper Ground Floor



Photo 67

Peeling of Plaster on Roof Beam of Hall No. 1 of Shop No. 301, Upper Ground Floor



Photo 68

Peeling of Plaster on Wall No. 1 of Staircase Ground Floor to First Floor of Above Shop No.300, First Floor



Photo 69

Peeling of Plaster on Wall No. 1 & 4 of Staircase Ground Floor to First Floor of Above Shop No.300, First Floor



Photo 70

Peeling of Plaster on Wall No. 1 of Open Sky of Above Shop No.300, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 71

Damaged Portion on Wall No. 3 & Right Side of Entry Gate of Above Shop No.300, First Floor



Photo 72

Damaged Portion on Wall No. 3 & Left Side of Entry Gate of Above Shop No.300, First Floor



Photo 73

Damaged Portion on Wall No. 3 of Entry Gate of Above Shop No.300, First Floor



Photo 74

Damaged Portion on Wall No. 2 of Entry Gate of Above Shop No.300, First Floor



Photo 75

Peeling of Plaster on Wall No. 4 of Entry Gate of Above Shop No.300, First Floor



Photo 76

Damaged Portion on Wall No. 1 & Sunshade of Entry Gate of Above Shop No.300, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 77

Peeling of Plaster on Wall No. 1 & Sunshade of Entry Gate of Above Shop No.300, First Floor



Photo 78

Peeling of Plaster on Roof of Room No. 1 of Above Shop No.300, First Floor



Photo 79

Dampness/Seepage on Wall No. 2 of Room No. 1 of Above Shop No.300, First Floor



Photo 80

Dampness/Seepage on Wall No. 1 of Room No. 1 of Above Shop No.300, First Floor



Photo 81

Dampness/Seepage on Wall No. 3 of Room No. 1 of Above Shop No.300, First Floor

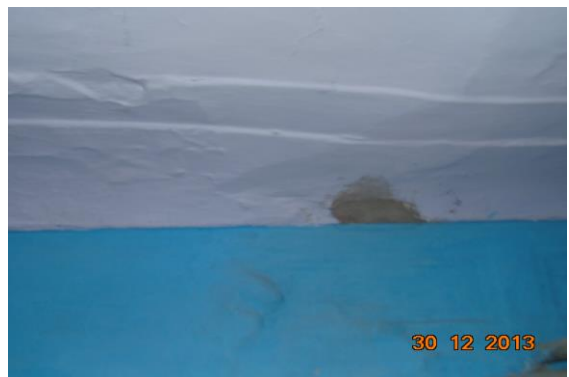


Photo 82

Dampness/Seepage on Roof of Room No. 2 of Above Shop No.300, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 83

Damaged Portion on Wall No. 3 of Room No. 2 of Above Shop No.300, First Floor



Photo 84

Peeling of Plaster on Wall No. 1 of Room No. 2 of Above Shop No.300, First Floor



Photo 85

Damaged Portion on Wall No. 2 of Room No. 2 of Above Shop No.300, First Floor



Photo 86

Damaged Portion on Shade of Open Sky of Above Shop No.300, Second Floor



Photo 87

Peeling of Plaster on Wall No. 3 of Open Sky of Above Shop No.300, Second Floor



Photo 88

Damaged Portion on Parapit Wall of Open Sky of Above Shop No.300, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 89

Damaged Portion on Wall No. 2 of Stair First Floor to Second Floor of Above Shop No.300, Second Floor



Photo 90

Damaged Portion on Wall No. 1 of Stair First Floor to Second Floor of Above Shop No.300, Second Floor



Photo 91

Damaged Portion on Stair Step First Floor to Second Floor of Above Shop No.300, Second Floor



Photo 92

Damaged Portion on Roof of Stair First Floor to Second Floor of Above Shop No.300, Second Floor



Photo 93

Peeling of Plaster on Wall No. 2 of Back Side of Stair First Floor to Second Floor of Above Shop No.300, First Floor



Photo 94

Damaged Portion on Wall No. 1 of Back Side of Stair First Floor to Second Floor of Above Shop No.300, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 95

Damaged Portion on Outer Wall of External Façade of Above Shop No.300, Second Floor



Photo 96

Damaged Portion on Left Side Shed of External Façade of Above Shop No.300, Second Floor

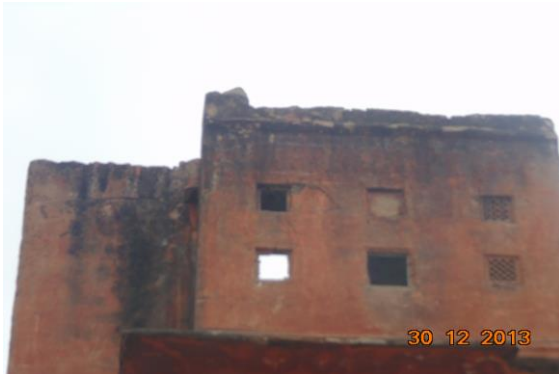


Photo 97

Damaged Portion on Upper Parapet Wall of External Façade of Above Shop No.300, Third Floor



Photo 98

All Walls of Shop No.308 of Ground Floor Covered With Tiles



Photo 99

All Walls of Shop No.307 of Ground Floor Covered With Tiles



Photo 100

All Walls of Shop No.304 of Ground Floor Covered With Wooden Work



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 101

Roof of Shop No.304 of Ground Floor Covered With Falls Ceiling



Photo 102

All Walls of Shop No.303 of Ground Floor Covered With Material



Photo 103

All Walls of Shop No.302 of Ground Floor Covered With Material



Photo 104

All Walls of Shop No.301 of Ground Floor Covered With Woods



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No. 298 & 299  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0020

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0020/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Mr. Jai Ram Pamnani  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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5	Project Details	4
6	General Building Details	4
7	Summary of Cracks	5
8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	24/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

## About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors and a basement. The structure was constructed in year 1860 and is 153 years old.

There are 3 defects in the structure out of which 2 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	1	50%
Slight (1 to 5mm)	1	50%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.9mm and average length of cracks is 2.4m. The maximum crack width is 1mm and minimum width is 0.8mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0020-300	Mugal Foods		
BC-RA/UP/0020-299	Laxmi Chappal Store		
BC-RA/UP/0020-298	Laxmi Chappal Store		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No. 298 & 299
2	Building Address	Shop No. 298 & 299 Ram Ganj Market Jaipur
3	Year of Construction	1860
4	Number of Floors	B+G+2
5	Number of Basements	1
6	Type of Building	Residential + Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	153 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof Varanda of Shop No.299 Ground Floor	Horizontal	0.8	2	Very Slight	4
2	Roof Varanda of Shop No.299 Ground Floor	Horizontal	1	2.8	Slight	5

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
3	Roof Varanda of Shop No.299 Ground Floor	Peeling of Plaster	6

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Shop No.300 Ground Floor	Locked	7
2	All Walls Shop No.299 Ground Floor	Covered With Material	8
3	All Walls Shop No.298 Ground Floor	Covered With Material	9
4	All Walls Shop No.298 Basement	Covered With Material	10

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
View of Building



Photo 2  
View of Shop No.299, Ground Floor



Photo 3  
View of Shop No.298, Ground Floor



Photo 4  
Horizontal Crack on Roof of Varanda of Shop No.299, Ground Floor  
Approx. Width = 0.8mm, Approx. Length = 2m.  
Distance from Leftside External Column = 0.6m, Height from Floor = 3m



Photo 5  
Horizontal Crack on Roof of Varanda of Shop No.299, Ground Floor  
Approx. Width = 1mm, Approx. Length = 2.8m.  
Distance from Leftside External Column = 0m, Height from Floor = 2.5m.



Photo 6  
Peeling of Plaster on Roof of Varanda of Shop No.299 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from from Chandpole to Bari Chouper and reversal line



Photo 7  
Shop No.300 of Ground Floor Locked



Photo 8  
All Walls of Shop No.299 of Ground Floor Covered With Material



Photo 9  
All Walls of Shop No.298 of Ground Floor Covered With Material



Photo 10  
All Walls of Shop No.298 of Basement Covered With Material

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No. 296 & 297  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0021

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0021/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	31/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

## About the Structure

The structure under consideration is a Single Story Load Bearing Structure . The structure was constructed in year 1860 and is 153 years old.

There are 12 defects in the structure out of which 5 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	4	80%
Slight (1 to 5mm)	1	20%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.54mm and average length of cracks is 1.56m. The maximum crack width is 1mm and minimum width is 0.25mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0021-297	Alimuddin & Sons		
BC-RA/UP/0021-296	Nanak Ram Jagdish Naryan		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No. 296 & 297
2	Building Address	Shop No. 296 & 297 Ram Ganj Market Jaipur
3	Year of Construction	1860
4	Number of Floors	G
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	153 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None



# Jaipur Metro Rail Corporation

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	External Col Shop No. 296, Ground Floor	Inclined	1	0.8	Slight	3
2	Wall No. 4 Part B of Shop No.297 Ground Floor	Inclined	0.5	1.8	Very Slight	4, 4A
3	Wall No. 4 Part B of Shop No.297 Ground Floor	Inclined	0.6	1.2	Very Slight	5, 5A
4	Wall No. 1 Part A of Shop No.297 Ground Floor	Inclined	0.35	1	Very Slight	6
5	Beam Varanda of Shop No.297 Ground Floor	Inclined	0.25	3	Very Slight	7

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
6	Roof Shop No. 296 Ground Floor	Peeling of Plaster	8
7	Varandah Roof Shop No. 296, Ground Floor	Peeling of Plaster	9
8	External Beam Shop No. 296, Ground Floor	Peeling of Plaster	10
9	Wall No. 2 & 4 Part A of Shop No.297 Ground Floor	Peeling of Plaster	11
10	Wall No. 1 & 3 Part B of Shop No.297 Ground Floor	Peeling of Plaster	12
11	Wall No. 4 Part A of Shop No.297 Ground Floor	Peeling of Plaster	13
12	Roof Varanda of Shop No.297 Ground Floor	Peeling of Plaster	14

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All Walls Shop No. 296 Ground Floor	Covered with Material	15





Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
View of Shop No.297



Photo 2  
Ground Floor



Photo 3  
Inclined Crack on of External Col, Shop No. 296, Ground Floor  
Approx. Width = 1mm, Approx. Length = 0.8m.  
Height from Floor = 3m.



Photo 4  
Inclined Crack on Wall No. 4 of Part B of Shop No.297, Ground Floor  
Approx. Width = 0.5mm, Approx. Length = 1.8m.  
Distance from Wall No.2 = 1.1m, Height from Floor = 0m.



Photo 4A  
Inclined Crack on Wall No. 4 of Part B of Shop No.297, Ground Floor  
Approx. Width = 0.5mm, Approx. Length = 1.8m.  
Distance from Wall No.2 = 1.1m, Height from Floor = 0m.



Photo 5  
Inclined Crack on Wall No. 4 of Part B of Shop No.297, Ground Floor  
Approx. Width = 0.6mm, Approx. Length = 1.2m.  
Distance from Wall No.2 = 0.25m, Height from Floor = 1.2m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 5A

Inclined Crack on Wall No. 4 of Part B of Shop No.297, Ground Floor  
Approx. Width = 0.6mm, Approx. Length = 1.2m.  
Distance from Wall No.2 = 0.25m, Height from Floor = 1.2m.



Photo 6

Inclined Crack on Wall No. 1 of Part A of Shop No.297, Ground Floor  
Approx. Width = 0.35mm, Approx. Length = 1m.  
Distance from Wall No.3 = 0.25m, Height from Floor = 2.3m.



Photo 7

Inclined Crack on Beam of Varanda of Shop No.297, Ground Floor  
Approx. Width = 0.25mm, Approx. Length = 3m.  
Height from Floor = 3.3m.



Photo 8

Peeling of Plaster on Roof of Shop No. 296 of Ground Floor



Photo 9

Peeling of Plaster on Varandah, Roof of Shop No. 296, Ground Floor



Photo 10

Peeling of Plaster on External Beam of Shop No. 296, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from from Chandpole to Bari Chouper and reversal line



Photo 11  
Peeling of Plaster on Wall No. 2 & 4 of Part A of Shop No.297 of Ground Floor



Photo 12  
Peeling of Plaster on Wall No. 1 & 3 of Part B of Shop No.297 of Ground Floor



Photo 13  
Peeling of Plaster on Wall No. 4 of Part A of Shop No.297 of Ground Floor



Photo 14  
Peeling of Plaster on Roof of Varanda of Shop No.297 of Ground Floor



Photo 15  
All Walls of Shop No. 296 of Ground Floor Covered with Material



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No. 294 & 295 and House Above  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0022

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0022/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	01/01/2014	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

## About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 4 floors. The structure was constructed in year 1860 and is 153 years old.

There are 36 defects in the structure out of which 4 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	1	25%
Slight (1 to 5mm)	3	75%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 1.31mm and average length of cracks is 1.62m. The maximum crack width is 2.5mm and minimum width is 0.25mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0022-295	Ram Gopal Nanak Ram Chirmola		
BC-RA/UP/0022-294	Ghahana Ki Dukan		
BC-RA/UP/0022-FF-SF			



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No. 294 & 295 and House Above
2	Building Address	Shop No. 294 & 295 and House Above Ram Ganj Market Jaipur
3	Year of Construction	1860
4	Number of Floors	G+3
5	Number of Basements	None
6	Type of Building	Residential + Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	153 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Beam Shop No. 294 Ground Floor	Horizontal	2.5	2.7	Slight	5
2	Wall No. 1 & 3 Gate of Store Shop No. 294, Ground Floor	Horizontal	0.25	0.5	Very Slight	6, 6A
3	Left Side External Column Shop No. 294, Ground Floor	Inclined	1.5	1.3	Slight	7
4	Roof Varandah Shop No. 295, Ground Floor	Horizontal	1	2	Slight	8

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
5	Wall No. 1, 2, 4 & Roof Store Shop No. 294, Ground Floor	Dampness/Seepage	9
6	Roof Store Shop No. 294, Ground Floor	Peeling of Plaster	10
7	Roof Varandah Shop No. 294, Ground Floor	Dampness/Seepage	11
8	Beam Shop No. 294 Ground Floor	Exposed Reinforcement	12
9	Wall No. 2, 4 & Roof Shop No. 295 Ground Floor	Peeling of Plaster	13
10	Roof Varandah Shop No. 295, Ground Floor	Peeling of Plaster	14
11	External Beam Shop No. 295 Ground Floor	Peeling of Plaster	15
12	Wall No. 2 Stair GF to FF	Peeling of Plaster	16
13	Wall No. 2 Stair GF to FF	Peeling of Plaster	17
14	Wall No. 1 First Floor	Peeling of Plaster	18
15	Roof Lobby First Floor	Peeling of Plaster	19
16	Floor Room No. 1 First Floor	Peeling of Plaster	20
17	Floor Room No. 1 First Floor	Peeling of Plaster	21
18	Wall No. 2 Varnadah First Floor	Peeling of Plaster	22
19	Wall No. 4 First Floor	Damaged Portion	23
20	Wall No. 3 First Floor	Peeling of Plaster	24
21	Wall No. 1 Stair FF to SF	Peeling of Plaster	25
22	Wall No. 2 First Floor	Peeling of Plaster	26
23	Wall No. 4 First Floor	Peeling of Plaster	27
24	Roof Room No. 2 Second Floor	Peeling of Plaster	28
25	Wall No. 4 Second Floor	Dampness/Seepage	29
26	Wall No. 3 Second Floor	Dampness/Seepage	30
27	Wall No. 2 Second Floor	Dampness/Seepage	31
28	Wall No. 1 Second Floor	Dampness/Seepage	32
29	Wall No. 1 Stair SF to TF	Peeling of Plaster	33
30	Wall No. 4 Second Floor	Peeling of Plaster	34
31	Wall No. 4 Room No. 1 Third Floor	Dampness/Seepage	35
32	Wall No. 3 Third Floor	Dampness/Seepage	36
33	Floor Third Floor	Plaster Crack	37
34	Parapet Wall Terrace	Damaged Portion	38
35	Parapet Wall 3 Terrace	Peeling of Plaster	39
36	Parapet Wall 1 Terrace	Plaster Crack	40

Summary of Areas that Could not be Surveyed

Serial No.	Location	Description	Photo No.
1	Wall No. 1 & 4 Shop No. 295 Ground Floor	Covered with material	41
2	Wall No. 2 & 4 Shop No. 295 Ground Floor	Covered with material	42
3	Room No. 2 First Floor	Locked	43
4	All Walls Toilet No. 1 Second Floor		44
5	Room No. 1 Second Floor	Locked	45
6	All Walls Kitchen Third Floor		46





Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1



Photo 2  
Shop No. 294, Ground Floor



Photo 3  
Shop No. 294



Photo 4  
Shop No. 295, Ground Floor



Photo 5  
Horizontal Crack on Beam of Shop No. 294, Ground Floor  
Approx. Width = 2.5mm, Approx. Length = 2.7m.  
Distance from Wall No. 1 & 2 = 0m, Height from Floor = 3m.

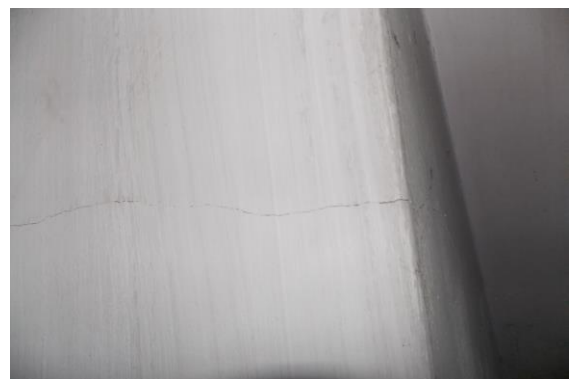


Photo 6  
Horizontal Crack on Wall No. 1 & 3 of Gate of Store, Shop No. 294, Ground Floor  
Approx. Width = 0.25mm, Approx. Length = 0.5m.  
Distance from Wall No. 2 = 0.5m. Height from Floor = 1.3m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

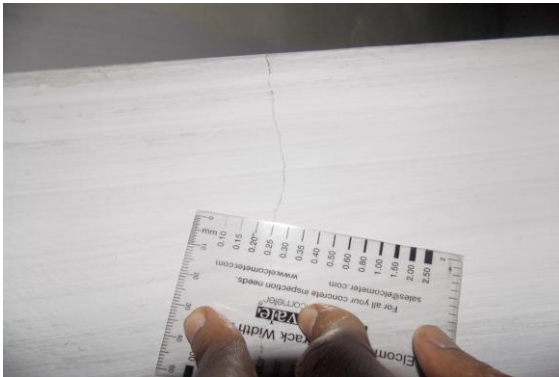


PHOTO 6A

Horizontal Crack on Wall No. 1 & 3 of Gate of Store, Shop No. 294, Ground Floor

Approx. Width = 0.25mm, Approx. Length = 0.5m.  
Distance from Wall No. 2 = 0.5m Height from Floor = 1.3m



PHOTO 7

Inclined Crack on Left Side of External Column, Shop No. 294, Ground Floor

Approx. Width = 1.5mm, Approx. Length = 1.3m.  
Height from Floor = 3m



Photo 8

Horizontal Crack on Roof of Varandah, Shop No. 295, Ground Floor

Approx. Width = 1mm, Approx. Length = 2m.  
Distance from = m, Height from Floor = 3.5m.



Photo 9

Dampness/Seepage on Wall No. 1, 2, 4 & Roof of Store of Shop No. 294, Ground Floor



Photo 10

Peeling of Plaster on Roof of Store of Shop No. 294, Ground Floor



Photo 11

Dampness/Seepage on Roof of Varandah of Shop No. 294, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 12  
Exposed Reinforcement on Beam of Shop No. 294 of Ground Floor



Photo 13  
Peeling of Plaster on Wall No. 2, 4 & Roof of Shop No. 295 of Ground Floor



Photo 14  
Peeling of Plaster on Roof of Varandah of Shop No. 295, Ground Floor



Photo 15  
Peeling of Plaster on External Beam of Shop No. 295 of Ground Floor



Photo 16  
Peeling of Plaster on Wall No. 2 of Stair GF to FF



Photo 17  
Peeling of Plaster on Wall No. 2 of Stair GF to FF



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 18  
Peeling of Plaster on Wall No. 1 of First Floor



Photo 19  
Peeling of Plaster on Roof of Lobby of First Floor



Photo 20  
Peeling of Plaster on Floor of Room No. 1 of First Floor



Photo 21  
Peeling of Plaster on Floor of Room No. 1 of First Floor



Photo 22  
Peeling of Plaster on Wall No. 2 of Varnadah of First Floor



Photo 23  
Damaged Portion on Wall No. 4 of First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 24  
Peeling of Plaster on Wall No. 3 of First Floor



Photo 25  
Peeling of Plaster on Wall No. 1 of Stair FF to SF



Photo 26  
Peeling of Plaster on Wall No. 2 of First Floor



Photo 27  
Peeling of Plaster on Wall No. 4 of First Floor



Photo 28  
Peeling of Plaster on Roof of Room No. 2 of Second Floor



Photo 29  
Dampness/Seepage on Wall No. 4 of Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 30  
Dampness/Seepage on Wall No. 3 of Second Floor



Photo 31  
Dampness/Seepage on Wall No. 2 of Second Floor



Photo 32  
Dampness/Seepage on Wall No. 1 of Second Floor



Photo 33  
Peeling of Plaster on Wall No. 1 of Stair SF to TF



Photo 34  
Peeling of Plaster on Wall No. 4 of Second Floor



Photo 35  
Dampness/Seepage on Wall No. 4 of Room No. 1 of Third Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 36  
Dampness/Seepage on Wall No. 3 of Third Floor



Photo 37  
Plaster Crack on Floor of Third Floor



Photo 38  
Damaged Portion on Parapet Wall of Terrace



Photo 39  
Peeling of Plaster on Parapet Wall 3 of Terrace



Photo 40  
Plaster Crack on Parapet Wall 1 of Terrace



Photo 41  
Wall No. 1 & 4 of Shop No. 295 of Ground Floor Covered with material

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 42

Wall No. 2 & 4 of Shop No. 295 of Ground Floor Covered with material



Photo 43

Room No. 2 of First Floor Locked



Photo 44

All Walls of Toilet No. 1 of Second Floor



Photo 45

Room No. 1 of Second Floor Locked



Photo 46

All Walls of Kitchen of Third Floor



Pre - Condition Building Survey for Construction of Underground Stations from from Chandpole to Bari Chouper and reversal line



House No. 2424 & Shop Npo. 291-293  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0023

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0023/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	30/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

## About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 4 floors. The structure was constructed in year 1860 and is 153 years old.

There are 17 defects in the structure out of which 2 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category III (Moderate)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	0	0%
Slight (1 to 5mm)	1	50%
Moderate (5 to 15mm)	1	50%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 3mm and average length of cracks is 0.9m. The maximum crack width is 5mm and minimum width is 1mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0023-293	Monu Plastic Udhyog		
BC-RA/UP/0023-292	Kishan Misthan Bhandar		
BC-RA/UP/0023-291	Govind Misthan Bhandar		
BC-RA/UP/0023-FF-SF-TF	House No. 2424		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2424 & Shop Npo. 291-293
2	Building Address	House No. 2424 & Shop Npo. 291-293 Ram Ganj Market Jaipur
3	Year of Construction	1860
4	Number of Floors	G+3
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	153 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Wall No. 4 Varandah 2 House No. 2424 First Floor	Inclined	1	1	Slight	6, 6A
2	Wall No. 4 Varandah 2 House No. 2424 First Floor	Inclined	5	0.8	Moderate	7, 7A

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
3	Wall No. 4 Room No. 1 House No. 2424 First Floor	Dampness/Seepage	8
4	Wall No. 2 Room No. 1 House No. 2424 First Floor	Dampness/Seepage	9
5	Wall No. 3 Room No. 1 House No. 2424 First Floor	Peeling of Plaster	10
6	Wall No. 1 Room No. 1 House No. 2424 First Floor	Peeling of Plaster	11
7	Wall No. 1 Varandah 1 House No. 2424 First Floor	Peeling of Plaster	12
8	Wall No. 2 Varandah 1 House No. 2424 First Floor	Peeling of Plaster	13
9	Wall No. 1 Hall No. 1 House No. 2424 First Floor	Peeling of Plaster	14
10	Roof Hall No. 1 House No. 2424 First Floor	Peeling of Plaster	15
11	Wall No. 4 Hall No. 1 House No. 2424 First Floor	Peeling of Plaster	16
12	Wall No. 3 Hall No. 1 House No. 2424 First Floor	Dampness/Seepage	17
13	Wall No. 3 Hall No. 1 House No. 2424 First Floor	Peeling of Plaster	18
14	Roof Bathroom House No. 2424 First Floor	Peeling of Plaster	19
15	Wall No. 4 Toilet No. 2 House No. 2424 First Floor	Peeling of Plaster	20
16	Wall No. 2 Hall No. 1 House No. 2424 First Floor	Peeling of Plaster	21
17	Hall No. 1 House No. 2424 First Floor	Peeling of Plaster	22

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	House No. 2424 Second Floor to Third Floor	Locked	23
2	Shop No.293 Ground Floor	Covered With Wooden Racks & Material	24
3	Roof Shop No.292 Ground Floor	Covered With Wooden Ceiling	25
4	Wall No. 1 Shop No.292 Ground Floor	Covered With Wooden Works	26
5	Wall No. 2 & 4 Shop No.292 Ground Floor	Covered With Wooden Works	27

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1



Photo 2

View of Shop No.293, Ground Floor



Photo 3

View of Shop No.292, Ground Floor



Photo 4

View of Shop No.291, Ground Floor



Photo 5

View of Shop, Ground Floor



Photo 6

Inclined Crack on Wall No. 4 of Varandah 2, House No. 2424 First Floor  
Approx. Width = 1mm, Approx. Length = 1m.  
Distance from w1 = 3m, Height from Floor = 0.2m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 6A

Inclined Crack on Wall No. 4 of Varandah 2, House No. 2424 First Floor  
Approx. Width = 1mm, Approx. Length = 1m.  
Distance from w1 = 3m, Height from Floor = 0.2m.



Photo 7

Inclined Crack on Wall No. 4 of Varandah 2, House No. 2424 First Floor  
Approx. Width = 5mm, Approx. Length = 0.8m.  
Distance from w1 = 3.5m, Height from Floor = 0.25m.



Photo 7A

Inclined Crack on Wall No. 4 of Varandah 2, House No. 2424 First Floor  
Approx. Width = 5mm, Approx. Length = 0.8m.  
Distance from w1 = 3.5m, Height from Floor = 0.25m.



Photo 8

Dampness/Seepage on Wall No. 4 of Room No. 1 of House No. 2424 First Floor



Photo 9

Dampness/Seepage on Wall No. 2 of Room No. 1 of House No. 2424 First Floor



Photo 10

Peeling of Plaster on Wall No. 3 of Room No. 1 of House No. 2424 First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 11

Peeling of Plaster on Wall No. 1 of Room No. 1 of House No. 2424 First Floor



Photo 12

Peeling of Plaster on Wall No. 1 of Varandah 1 of House No. 2424 First Floor



Photo 13

Peeling of Plaster on Wall No. 2 of Varandah 1 of House No. 2424 First Floor



Photo 14

Peeling of Plaster on Wall No. 1 of Hall No. 1 of House No. 2424 First Floor



Photo 15

Peeling of Plaster on Roof of Hall No. 1 of House No. 2424 First Floor



Photo 16

Peeling of Plaster on Wall No. 4 of Hall No. 1 of House No. 2424 First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 17

Dampness/Seepage on Wall No. 3 of Hall No. 1 of House No. 2424 First Floor



Photo 18

Peeling of Plaster on Wall No. 3 of Hall No. 1 of House No. 2424 First Floor



Photo 19

Peeling of Plaster on Roof of Bathroom of House No. 2424 First Floor



Photo 20

Peeling of Plaster on Wall No. 4 of Toilet No. 2 of House No. 2424 First Floor



Photo 21

Peeling of Plaster on Wall No. 2 of Hall No. 1 of House No. 2424 First Floor



Photo 22

Peeling of Plaster on Hall No. 1 of House No. 2424 First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 23

House No. 2424 Second Floor to Third Floor Locked



Photo 24

Shop No.293 of Ground Floor Covered With Wooden Racks & Material



Photo 25

Roof of Shop No.292 of Ground Floor Covered With Wooden Ceiling



Photo 26

Wall No. 1 of Shop No.292 of Ground Floor Covered With Wooden Works



Photo 27

Wall No. 2 & 4 of Shop No.292 of Ground Floor Covered With Wooden Works



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No. 286-289  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0024

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0024/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	24/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

## About the Structure

The structure under consideration is a Single Story Load Bearing Structure having a basement. The structure was constructed in year 1813 and is 200 years old.

There are 6 defects in the structure out of which 2 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	1	50%
Slight (1 to 5mm)	1	50%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 1.42mm and average length of cracks is 2.5m. The maximum crack width is 2.5mm and minimum width is 0.35mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0024-289	Khokhar Cycle Store		
BC-RA/UP/0024-288	Rajasthan Daraji Namaz Store		
BC-RA/UP/0024-287	Abdul Latif Cycle Store		
BC-RA/UP/0024-286	Sh. Ashapri Les House		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Choupar and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No. 286-289
2	Building Address	Shop No. 286-289 Ram Ganj Market Jaipur
3	Year of Construction	1813
4	Number of Floors	B+G
5	Number of Basements	1
6	Type of Building	Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	200 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof Varanda of Shop No.286 Ground Floor	Horizontal	0.35	2	Very Slight	11
2	External Beam Varanda of Shop No.286 Ground Floor	Inclined	2.5	3	Slight	12

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
3	Roof Shop No.289 Ground Floor	Peeling of Plaster	13
4	Wall No. 2 Shop No.289 Ground Floor	Peeling of Plaster	14
5	Roof Varanda of Shop No.287 Ground Floor	Peeling of Plaster	15
6	Roof Shop No.286 Basement No.1	Peeling of Plaster	16

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Shop No.290 Ground Floor	Locked	17
2	Wall No. 1 Shop No.288 Ground Floor	Covered With Material	18
3	Wall No. 4 Shop No.288 Ground Floor	Covered With Material	19
4	Wall No. 2 Shop No.288 Ground Floor	Covered With Material	20
5	Wall No. 1 & 4 Shop No.287 Ground Floor	Covered With Material	21
6	Wall No. 2 Shop No.287 Ground Floor	Covered With Wooden Racks	22
7	Roof Shop No.287 Ground Floor	Covered With Wooden Ceiling	23
8	Wall No. 1 & 4 Shop No.286 Ground Floor	Covered With Material	24
9	Wall No. 2 Shop No.286 Ground Floor	Covered With Material	25

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
View of Building



Photo 2  
View of Shop No.289, Ground Floor

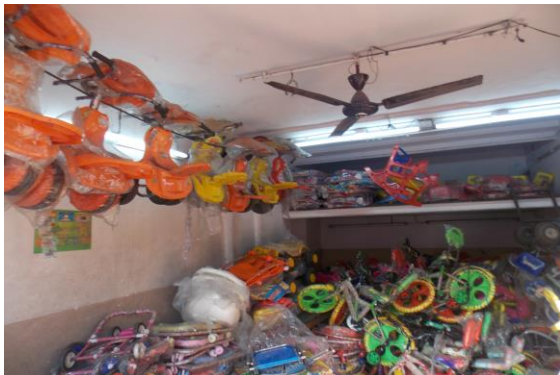


Photo 3  
View of Shop, Ground Floor



Photo 4  
View of Shop, Ground Floor



Photo 5  
View of Shop No.288, Ground Floor



Photo 6  
View of Shop No.287, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
View of Shop No.286, Ground Floor



Photo 8  
View of Basement No.1



Photo 9  
View of Basement No.2



Photo 10  
View of Basement No.2



Photo 11  
Horizontal Crack on Roof of Varanda of Shop No.286, Ground Floor  
Approx. Width = 0.35mm, Approx. Length = 2m.  
Distance from Leftside External Column = Backsidem, Height from Floor = 3.5m.



Photo 12  
Inclined Crack on External Beam of Varanda of Shop No.286, Ground Floor  
Approx. Width = 2.5mm, Approx. Length = 3m.  
Heiht from Floor = 3.5m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Peeling of Plaster on Roof of Shop No.289 of Ground Floor



Photo 14

Peeling of Plaster on Wall No. 2 of Shop No.289 of Ground Floor



Photo 15

Peeling of Plaster on Roof of Varanda of Shop No.287 of Ground Floor



Photo 16

Peeling of Plaster on Roof of Shop No.286 of Basement No.1



Photo 17

Shop No.290 of Ground Floor Locked



Photo 18

Wall No. 1 of Shop No.288 of Ground Floor Covered With Material



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19

Wall No. 4 of Shop No.288 of Ground Floor Covered With Material



Photo 20

Wall No. 2 of Shop No.288 of Ground Floor Covered With Material



Photo 21

Wall No. 1 & 4 of Shop No.287 of Ground Floor Covered With Material



Photo 22

Wall No. 2 of Shop No.287 of Ground Floor Covered With Wooden Racks



Photo 23

Roof of Shop No.287 of Ground Floor Covered With Wooden Ceiling



Photo 24

Wall No. 1 & 4 of Shop No.286 of Ground Floor Covered With Material



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 25

Wall No. 2 of Shop No.286 of Ground Floor Covered With Material

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 2414 & Shop No. 1-2  
2193, Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0025

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0025/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	30/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 4 floors. The structure was constructed in year 1753 and is 260 years old.

There are 17 defects in the structure out of which 0 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category 0 (Negligible)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	0	0%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0025-1	Pinkcity Nagra Shoe Store		
BC-RA/UP/0025-FF-SF-TF	House No. 2414		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2414 & Shop No. 1-2
2	Building Address	House No. 2414 & Shop No. 1-2 2193, Ram Ganj Market Jaipur
3	Year of Construction	1753
4	Number of Floors	G+3
5	Number of Basements	None
6	Type of Building	Commercial + Residential
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	260 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Wall No. 1 Hall No. 1 House No. 2414 First Floor	Peeling of Plaster	8
2	Wall No. 2 Hall No. 1 House No. 2414 First Floor	Peeling of Plaster	9
3	Wall No. 1 Hall No. 2 House No. 2414 First Floor	Peeling of Plaster	10
4	Wall No. 6 Hall No. 2 House No. 2414 First Floor	Peeling of Plaster	11
5	Wall No. 1 Room No. 1 House No. 2414 First Floor	Peeling of Plaster	12
6	Roof Room No. 1 House No. 2414 First Floor	Peeling of Plaster	13
7	Wall No. 1 Stair FF to SF House No. 2414 First Floor	Peeling of Plaster	14
8	Wall No. 4 Stair FF to SF House No. 2414 First Floor	Peeling of Plaster	15
9	Roof Hall No. 1 House No. 2414 Second Floor	Peeling of Plaster	16
10	Wall No. 2, 4 & 6 Room No. 1 House No. 2414 Second Floor	Dampness/Seepage	17
11	Hall No. 1 House No. 2414 Second Floor	Damaged Portion	18
12	Hall No. 1 House No. 2414 Second Floor	Damaged Portion	19
13	Wall No. 2 Balcony House No. 2414 Second Floor	Peeling of Plaster	20
14	Floor Balcony House No. 2414 Second Floor	Peeling of Plaster	21
15	Wall No. 1 Stair SF to TF House No. 2414 Second Floor	Peeling of Plaster	22
16	Wall No. 1 & 4 Kitchen House No. 2414 Third Floor	Peeling of Plaster	23
17	Stair SF to TF House No. 2414 Third Floor	Damaged Portion	24

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Wall No. 1, 2, 4 & Roof Shop No. 2 Ground Floor	Covered with Material	25
2	Wall No. 1 & 4 Shop No. 1 Ground Floor	Covered with Material	26
3	Wall No. 2 & 4 Shop No. 1 Ground Floor	Covered with Material	27
4	Roof Shop No. 1 Ground Floor	Covered with False Ceiling	28



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1



Photo 2

House No. 2414 Second Floor



Photo 3

Tinshed, House No. 2414 Third Floor



Photo 4

Stair, House No. 2414 Third Floor



Photo 5

Front View of Shop No.2, Ground Floor



Photo 6

Front View of Shop No.2, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
Front View of Shop No.1, Ground Floor



Photo 8  
Peeling of Plaster on Wall No. 1 of Hall No. 1 of House No. 2414 First Floor



Photo 9  
Peeling of Plaster on Wall No. 2 of Hall No. 1 of House No. 2414 First Floor



Photo 10  
Peeling of Plaster on Wall No. 1 of Hall No. 2 of House No. 2414 First Floor



Photo 11  
Peeling of Plaster on Wall No. 6 of Hall No. 2 of House No. 2414 First Floor



Photo 12  
Peeling of Plaster on Wall No. 1 of Room No. 1 of House No. 2414 First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Peeling of Plaster on Roof of Room No. 1 of House No. 2414 First Floor



Photo 14

Peeling of Plaster on Wall No. 1 of Stair FF to SF of House No. 2414 First Floor



Photo 15

Peeling of Plaster on Wall No. 4 of Stair FF to SF of House No. 2414 First Floor



Photo 16

Peeling of Plaster on Roof of Hall No. 1 of House No. 2414 Second Floor



Photo 17

Dampness/Seepage on Wall No. 2, 4 & 6 of Room No. 1 of House No. 2414 Second Floor



Photo 18

Damaged Portion on of Hall No. 1 of House No. 2414 Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19

Damaged Portion on of Hall No. 1 of House No. 2414 Second Floor



Photo 20

Peeling of Plaster on Wall No. 2 of Balcony of House No. 2414 Second Floor



Photo 21

Peeling of Plaster on Floor of Balcony of House No. 2414 Second Floor



Photo 22

Peeling of Plaster on Wall No. 1 of Stair SF to TF of House No. 2414 Second Floor



Photo 23

Peeling of Plaster on Wall No. 1 & 4 of Kitchen of House No. 2414 Third Floor



Photo 24

Damaged Portion on of Stair SF to TF of House No. 2414 Third Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 25

Wall No. 1, 2, 4 & Roof of Shop No. 2 of Ground Floor Covered with Material



Photo 26

Wall No. 1 & 4 of Shop No. 1 of Ground Floor Covered with Material



Photo 27

Wall No. 2 & 4 of Shop No. 1 of Ground Floor Covered with Material



Photo 28

Roof of Shop No. 1 of Ground Floor Covered with False Ceiling

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 2405-2408  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0026

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0026/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Mr. Jagdish Prasad Jain  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	29/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1943 and is 70 years old.

There are 110 defects in the structure out of which 1 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category I (Very Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	1	100%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.5mm and average length of cracks is 2m. The maximum crack width is 0.5mm and minimum width is 0.5mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0026			

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2405-2408
2	Building Address	House No. 2405-2408 Ram Ganj Market Jaipur
3	Year of Construction	1943
4	Number of Floors	G+2
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	70 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	1
13	Depth and Diameter of Bore	Not Known
14	Roadways	One Side
15	Presence of Equipment/Machines	None



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof House No. 2405 to 2408 First Floor	Horizontal	0.5	2	Very Slight	10

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
2	Wall No. Floor Hall No. 1 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	11
3	Wall No. 1 Passage 1 of House No. 2405 to 2408 Ground Floor	Peeling of Plaster	12
4	Roof Varanda 2 of House No. 2405 to 2408 Ground Floor	Dampness/Seepage	13
5	Wall No. 1 Passage 2 of House No. 2405 to 2408 Ground Floor	Peeling of Plaster	14
6	Roof & 4 Toilet No. 4 House No. 2405 to 2408, Ground Floor	Dampness/Seepage	15
7	Wall No. 5 & 7 Passage 2 of House No. 2405 to 2408 Ground Floor	Dampness/Seepage	16
8	Roof Passage 2 of House No. 2405 to 2408 Ground Floor	Peeling of Plaster	17
9	All wall Room No. 28 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	18
10	All wall Room No. 27 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	19
11	Wall No. 4 Bathroom No. House No. 2405 to 2408, Ground Floor	Peeling of Plaster	20
12	Wall No. 2 & 4 Varanda 5 of House No. 2405 to 2408 Ground Floor	Dampness/Seepage	21
13	Wall No. 1 Room No. 25 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	22
14	Wall No. 3 Room No. 25 House No. 2405 to 2408, Ground Floor	Damaged Portion	23
15	Wall No. 1 Store Room of House No. 2405 to 2408 Ground Floor	Peeling of Plaster	24
16	Wall No. 1, 2 & 4 Room No. 21 House No. 2405 to 2408, Ground Floor	Dampness/Seepage	25
17	Wall No. 2 & 4 Room No. 20 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	26
18	Wall No. 1 Room No. 20 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	27
19	Wall No. 1 & 4 Room No. 19 House No. 2405 to 2408, Ground Floor	Dampness/Seepage	28
20	Wall No. 2 Room No. 19 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	29
21	Wall No. 3 Room No. 19 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	30
22	Wall No. 4 Hall No. 3 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	31
23	Wall No. 2 Hall No. 2 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	32
24	Wall No. 2 Room No. 18 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	33
25	Wall No. 4 & Roof Room No. 18 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	34
26	All wall Room No. 15 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	35
27	All wall Room No. 16 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	36

28	Roof Room No. 16 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	37
29	Wall No. 4 Room No. 11 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	38
30	Wall No. 1 Room No. 10 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	39
31	Wall No. 2 Room No. 10 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	40
32	Wall No. 4 Room No. 10 House No. 2405 to 2408, Ground Floor	Dampness/Seepage	41
33	Roof Room No. 10 House No. 2405 to 2408, Ground Floor	Dampness/Seepage	42
34	Wall No. 1 & 4 Room No. 12 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	43
35	Wall No. 1 & 4 Varanda 3 of House No. 2405 to 2408 Ground Floor	Peeling of Plaster	44
36	Wall No. Roof, 1 & 2 Room No. 9 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	45
37	Wall No. 1&2 & Roof, House No. 2405 to 2408 Ground Floor	Peeling of Plaster	46
38	Room No. 8 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	47
39	Roof Room No. 7 House No. 2405 to 2408, Ground Floor	Peeling of Plaster	48
40	Wall No. 4 Bathroom House No. 2405 to 2408, Second Floor	Dampness/Seepage	49
41	Roof Bathroom House No. 2405 to 2408, Second Floor	Peeling of Plaster	50
42	Wall No. 2 Bathroom House No. 2405 to 2408, Second Floor	Peeling of Plaster	51
43	Roof Room No. 10 House No. 2405 to 2408, Second Floor	Peeling of Plaster	52
44	Roof Room No. 8 House No. 2405 to 2408, Second Floor	Peeling of Plaster	53
45	Wall No.2 & Roof Passage 1 of House No. 2405 to 2408 Second Floor	Dampness/Seepage	54
46	Roof Toilet No. 1 House No. 2405 to 2408, Second Floor	Dampness/Seepage	55
47	Roof Toilet No. 2 House No. 2405 to 2408, Second Floor	Dampness/Seepage	56
48	Roof Toilet No. 3 House No. 2405 to 2408, Second Floor	Dampness/Seepage	57
49	Roof Toilet No. 4 House No. 2405 to 2408, Second Floor	Dampness/Seepage	58
50	Wall No. 3 Bathroom House No. 2405 to 2408, Second Floor	Dampness/Seepage	59
51	Wall No. 1 Room No. 23 House No. 2405 to 2408, Second Floor	Plaster Crack	60
52	Roof Room No. 18 House No. 2405 to 2408, Second Floor	Peeling of Plaster	61
53	Roof Room No. 17 House No. 2405 to 2408, Second Floor	Dampness/Seepage	62
54	Wall No. 2 Staircase Second Floor to Terrace of House No. 2405 to 2408 Terrace	Peeling of Plaster	63
55	Wall No. 3 Staircase Second Floor to Terrace of House No. 2405 to 2408 Terrace	Peeling of Plaster	64
56	Roof Staircase Second Floor to Terrace of House No. 2405 to 2408 Terrace	Dampness/Seepage	65
57	Wall No. 4 & Roof Room No. 1 House No. 2405 to 2408, Terrace	Dampness/Seepage	66
58	Wall No. 1 & 4 Room No. 2 House No. 2405 to 2408, Terrace	Dampness/Seepage	67
59	Wall No. 2 & 3 Room No. 2 House No. 2405 to 2408, Terrace	Dampness/Seepage	68
60	Wall No. 2 & 4 Room No. 2 House No. 2405 to 2408, Second Floor	Dampness/Seepage	69
61	Wall No. 1 Room No. 2 House No. 2405 to 2408, Second Floor	Dampness/Seepage	70
62	Wall No. 4 Bathroom House No. 2405 to 2408, First Floor	Dampness/Seepage	71
63	Wall No. 4 Room No. 1 House No. 2405 to 2408, First Floor	Peeling of Plaster	72

64	Roof Room No. 2 House No. 2405 to 2408, First Floor	Peeling of Plaster	73
65	Floor Room No. 3 House No. 2405 to 2408, First Floor	Peeling of Plaster	74
66	Floor Room No. 6 House No. 2405 to 2408, First Floor	Damaged Portion	75
67	Wall No. 4 Room No. 6 House No. 2405 to 2408, First Floor	Peeling of Plaster	76
68	Wall No. 4 & Roof Passage 2 of Part A of House No. 2405 to 2408 First Floor	Dampness/Seepage	77
69	Wall No. 2 & 3 Passage 2 of Part A of House No. 2405 to 2408 First Floor	Dampness/Seepage	78
70	Wall No. 3 & Roof Passage 2 of Part B of House No. 2405 to 2408 First Floor	Dampness/Seepage	79
71	Wall No. 2 Passage 2 of Part B of House No. 2405 to 2408 First Floor	Dampness/Seepage	80
72	Roof Toilet No. 1 House No. 2405 to 2408, First Floor	Dampness/Seepage	81
73	Wall No. 4 Toilet No. 1 House No. 2405 to 2408, First Floor	Peeling of Plaster	82
74	Wall No. 2,4 & Roof Toilet No. 2 House No. 2405 to 2408, First Floor	Dampness/Seepage	83
75	Wall No. Roof, 1, 2 & 4 Toilet No. 3 House No. 2405 to 2408, First Floor	Dampness/Seepage	84
76	Roof & Wall No. 1, 2 & 4 Toilet No. 4 House No. 2405 to 2408, First Floor	Dampness/Seepage	85
77	Roof Varanda of House No. 2405 to 2408 First Floor	Dampness/Seepage	86
78	Roof Varanda of House No. 2405 to 2408 First Floor	Dampness/Seepage	87
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80	Floor Toilet No. 8 House No. 2405 to 2408, First Floor	Peeling of Plaster	89
81	Wall No. 2 Toilet No. 13 House No. 2405 to 2408, First Floor	Peeling of Plaster	90
82	Wall No. 4 Toilet No. 15 House No. 2405 to 2408, First Floor	Dampness/Seepage	91
83	Floor Hall No. 1 House No. 2405 to 2408, First Floor	Plaster Crack	92
84	Floor Toilet No. 27 House No. 2405 to 2408, First Floor	Peeling of Plaster	93
85	Roof Toilet No. 19 House No. 2405 to 2408, First Floor	Peeling of Plaster	94
86	Wall No. 4 Toilet No. 19 House No. 2405 to 2408, First Floor	Plaster Crack	95
87	Wall No. 1 Toilet No. 22 House No. 2405 to 2408, First Floor	Peeling of Plaster	96
88	Roof Toilet No. 22 House No. 2405 to 2408, First Floor	Peeling of Plaster	97
89	Wall No. 3 Toilet No. 22 House No. 2405 to 2408, First Floor	Peeling of Plaster	98
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91	Roof Hall No. 3 House No. 2405 to 2408, First Floor	Dampness/Seepage	100
92	Roof Hall No. 3 House No. 2405 to 2408, First Floor	Dampness/Seepage	101
93	Roof Hall No. 3 House No. 2405 to 2408, First Floor	Dampness/Seepage	102
94	Roof Hall No. 3 House No. 2405 to 2408, First Floor	Dampness/Seepage	103
95	Wall No. 3 Hall No. 3 House No. 2405 to 2408, First Floor	Dampness/Seepage	104
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97	Wall No. 2 Hall No. 3 House No. 2405 to 2408, First Floor	Peeling of Plaster	106
98	Wall No. 2 Hall No. 3 House No. 2405 to 2408, First Floor	Plaster Crack	107
99	Wall No. 1 Hall No. 3 House No. 2405 to 2408, First Floor	Peeling of Plaster	108
100	Wall No. 2 Hall No. 3 House No. 2405 to 2408, First Floor	Plaster Crack	109
101	Roof & Wall No. 2 & 4 Toilet No. 23 House No. 2405 to 2408, First Floor	Dampness/Seepage	110



102	Wall No. 3 Toilet No. 23 House No. 2405 to 2408, First Floor	Peeling of Plaster	111
103	Roof Toilet No. 24 House No. 2405 to 2408, First Floor	Peeling of Plaster	112
104	Wall No. 2 Toilet No. 24 House No. 2405 to 2408, First Floor	Peeling of Plaster	113
105	Roof Toilet No. 25 House No. 2405 to 2408, First Floor	Dampness/Seepage	114
106	Wall No. 4 Toilet No. 25 House No. 2405 to 2408, First Floor	Plaster Crack	115
107	Roof Toilet No. 26 House No. 2405 to 2408, First Floor	Dampness/Seepage	116
108	Wall No. 4 Toilet No. 26 House No. 2405 to 2408, First Floor	Plaster Crack	117
109	Wall No. 4 Toilet No. 26 House No. 2405 to 2408, First Floor	Plaster Crack	118
110	Roof Bathroom No. House No. 2405 to 2408, First Floor	Dampness/Seepage	119

Summary of Areas that Could not be Surveyed			
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1	Shop No. 1 of House No. 2405 to 2408 Ground Floor	Locked	120
2	Shop No. 2 of House No. 2405 to 2408 Ground Floor	Locked	121
3	Shop No. 3 of House No. 2405 to 2408 Ground Floor	Locked	122
4	Shop No. 4 of House No. 2405 to 2408 Ground Floor	Locked	123
5	Shop No. 5 of House No. 2405 to 2408 Ground Floor	Locked	124
6	Shop No. 6 of House No. 2405 to 2408 Ground Floor	Locked	125
7	Wall No. 2 Room No. 2 House No. 2405 to 2408, Ground Floor	Covered with Almirah	126
8	Hall No. 1 House No. 2405 to 2408, Ground Floor		127
9	Room No. 4 House No. 2405 to 2408, Ground Floor	Locked	128
10	Room No. 5, 6 House No. 2405 to 2408, Ground Floor	Locked	129
11	Wall No. 2 Passage 2 of House No. 2405 to 2408 Ground Floor	Covered with Tiles	130
12	All wall Toilet No. 1, 2, 3 House No. 2405 to 2408, Ground Floor	Covered with Tiles	131
13	All wall Toilet No. 1, 2, 3 House No. 2405 to 2408, Ground Floor	Covered with Tiles	132
14	All wall Toilet No. 1, 2, 3 House No. 2405 to 2408, Ground Floor	Covered with Tiles	133
15	All wall Toilet No. 4 House No. 2405 to 2408, Ground Floor	Covered with Tiles	134
16	Room No. 26 House No. 2405 to 2408, Ground Floor	Locked	135
17	Wall No. 4 Room No. 25 House No. 2405 to 2408, Ground Floor	Covered with Almirah	136
18	Room No. 24 House No. 2405 to 2408, Ground Floor	Locked	137
19	Room No. 23 House No. 2405 to 2408, Ground Floor	Locked	138
20	Room No. 22 House No. 2405 to 2408, Ground Floor	Locked	139
21	Room No. 17 House No. 2405 to 2408, Ground Floor	Locked	140
22	Room No. 14 House No. 2405 to 2408, Ground Floor	Locked	141
23	All wall Bathroom No. House No. 2405 to 2408, Ground Floor	Covered with Tiles	142
24	Room No. 7 House No. 2405 to 2408, Second Floor	Locked	143
25	Room No. 6 House No. 2405 to 2408, Second Floor	Locked	144
26	Room No. 5 House No. 2405 to 2408, Second Floor	Locked	145
27	Room No. 4 House No. 2405 to 2408, Second Floor	Locked	146

28	Room No. 3 House No. 2405 to 2408, Second Floor	Locked	147
29	Room No. 22 House No. 2405 to 2408, Second Floor	Locked	148
30	Room No. 20 House No. 2405 to 2408, Second Floor	Locked	149
31	Room No. 19 House No. 2405 to 2408, Second Floor	Locked	150
32	Room No. 16 House No. 2405 to 2408, Second Floor	Locked	151
33	Room No. 15 House No. 2405 to 2408, Second Floor	Locked	152
34	Room No. 14 House No. 2405 to 2408, Second Floor	Locked	153
35	Room No. 13 House No. 2405 to 2408, Second Floor	Locked	154
36	Hall No. 1 House No. 2405 to 2408, Second Floor	Locked	155
37	Room No. 11 House No. 2405 to 2408, Second Floor	Locked	156
38	Room No. 12 House No. 2405 to 2408, Second Floor	Locked	157
39	All wall Toilet No. 1 House No. 2405 to 2408, Terrace	Covered with Tiles	158
40	Floor Passage 1 of House No. 2405 to 2408 First Floor	Covered with Tiles	159
41	All wall Toilet No. 2 House No. 2405 to 2408, First Floor	1/2 Portion Covered with Tiles	160
42	All wall Toilet No. 3 House No. 2405 to 2408, First Floor	Covered with Tiles, 1/2 Portion	161
43	All wall Toilet No. 4 House No. 2405 to 2408, First Floor	Covered with Tiles, 1/2 Portion	162
44	Toilet No. 7 House No. 2405 to 2408, First Floor	Locked	163
45	Toilet No. 9 House No. 2405 to 2408, First Floor	Locked	164
46	Toilet No. 10 House No. 2405 to 2408, First Floor	Locked	165
47	Toilet No. 14 House No. 2405 to 2408, First Floor	Locked	166
48	Toilet No. 16 House No. 2405 to 2408, First Floor	Locked	167
49	Toilet No. 17 House No. 2405 to 2408, First Floor	Locked	168
50	Toilet No. 18 House No. 2405 to 2408, First Floor		169

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
Front View of House No. 2405 to 2408



Photo 2  
House No. 2405 to 2408, Ground Floor



Photo 3  
Ground Floor



Photo 4  
Ground Floor



Photo 5  
House No. 2405 to 2408, Terrace



Photo 6  
House No. 2405 to 2408, Terrace



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
House No. 2405 to 2408, First Floor



Photo 8  
House No. 2405 to 2408, First Floor



Photo 9  
House No. 2405 to 2408, First Floor



Photo 10  
Horizontal Crack on Roof of House No. 2405 to 2408, First Floor  
Approx. Width = 0.5mm, Approx. Length = 2m.  
Distance from Wall No. 3 = 0.2m, Height from Floor = 2.5m.



Photo 11  
Peeling of Plaster on Wall No. 1 of Hall No. 1 of House No. 2405 to 2408, Ground Floor



Photo 12  
Peeling of Plaster on Wall No. 1 of Passage 1 of House No. 2405 to 2408 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Dampness/Seepage on Roof of Varanda 2 of House No. 2405 to 2408 of Ground Floor



Photo 14

Peeling of Plaster on Wall No. 1 of Passage 2 of House No. 2405 to 2408 of Ground Floor



Photo 15

Dampness/Seepage on Wall No.4 & Roof of Toilet No. 4 of House No. 2405 to 2408, Ground Floor



Photo 16

Dampness/Seepage on Wall No. 5 & 7 of Passage 2 of House No. 2405 to 2408 of Ground Floor



Photo 17

Peeling of Plaster on Roof of Passage 2 of House No. 2405 to 2408 of Ground Floor



Photo 18

Peeling of Plaster on All wall of Room No. 28 of House No. 2405 to 2408, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19

Peeling of Plaster on All wall of Room No. 27 of House No. 2405 to 2408, Ground Floor



Photo 20

Peeling of Plaster on Wall No. 4 of Bathroom No. of House No. 2405 to 2408, Ground Floor



Photo 21

Dampness/Seepage on Wall No. 2 & 4 of Varanda 5 of House No. 2405 to 2408 of Ground Floor



Photo 22

Peeling of Plaster on Wall No. 1 of Room No. 25 of House No. 2405 to 2408, Ground Floor



Photo 23

Damaged Portion on Wall No. 3 of Room No. 25 of House No. 2405 to 2408, Ground Floor



Photo 24

Peeling of Plaster on Wall No. 1 of Store Room of House No. 2405 to 2408 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 25

Dampness/Seepage on Wall No. 1, 2 & 4 of Room No. 21 of House No. 2405 to 2408, Ground Floor



Photo 26

Peeling of Plaster on Wall No. 2 & 4 of Room No. 20 of House No. 2405 to 2408, Ground Floor



Photo 27

Peeling of Plaster on Wall No. 1 of Room No. 20 of House No. 2405 to 2408, Ground Floor



Photo 28

Dampness/Seepage on Wall No. 1 & 4 of Room No. 19 of House No. 2405 to 2408, Ground Floor



Photo 29

Peeling of Plaster on Wall No. 2 of Room No. 19 of House No. 2405 to 2408, Ground Floor



Photo 30

Peeling of Plaster on Wall No. 3 of Room No. 19 of House No. 2405 to 2408, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 31

Peeling of Plaster on Wall No. 4 of Hall No. 3 of House No. 2405 to 2408, Ground Floor



Photo 32

Peeling of Plaster on Wall No. 2 of Hall No. 2 of House No. 2405 to 2408, Ground Floor



Photo 33

Peeling of Plaster on Wall No. 2 of Room No. 18 of House No. 2405 to 2408, Ground Floor



Photo 34

Peeling of Plaster on Wall No. 4 & Roof of Room No. 18 of House No. 2405 to 2408, Ground Floor

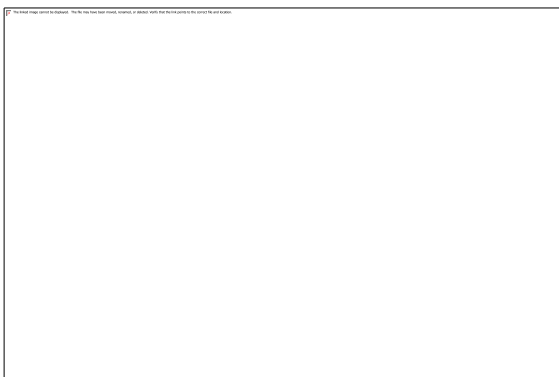


Photo 35

Peeling of Plaster on All wall of Room No. 15 of House No. 2405 to 2408, Ground Floor



Photo 36

Peeling of Plaster on All wall of Room No. 16 of House No. 2405 to 2408, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 37

Peeling of Plaster on Roof of Room No. 16 of House No. 2405 to 2408, Ground Floor



Photo 38

Peeling of Plaster on Wall No. 4 of Room No. 11 of House No. 2405 to 2408, Ground Floor



Photo 39

Peeling of Plaster on Wall No. 1 of Room No. 10 of House No. 2405 to 2408, Ground Floor



Photo 40

Peeling of Plaster on Wall No. 2 of Room No. 10 of House No. 2405 to 2408, Ground Floor



Photo 41

Dampness/Seepage on Wall No. 4 of Room No. 10 of House No. 2405 to 2408, Ground Floor



Photo 42

Dampness/Seepage on Roof of Room No. 10 of House No. 2405 to 2408, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 43

Peeling of Plaster on Wall No. 1 & 4 of Room No. 12 of House No. 2405 to 2408, Ground Floor



Photo 44

Peeling of Plaster on Wall No. 1 & 4 of Varanda 3 of House No. 2405 to 2408 of Ground Floor



Photo 45

Peeling of Plaster on Wall No. Roof, 1 & 2 of Room No. 9 of House No. 2405 to 2408, Ground Floor



Photo 46

Peeling of Plaster on Roof & Wall No. 1 & 2 of House No. 2405 to 2408 of Ground Floor



Photo 47

Peeling of Plaster on Room No. 8 of House No. 2405 to 2408, Ground Floor



Photo 48

Peeling of Plaster on Roof of Room No. 7 of House No. 2405 to 2408, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 49

Dampness/Seepage on Wall No. 4 of Bathroom of House No. 2405 to 2408, Second Floor



Photo 50

Peeling of Plaster on Roof of Bathroom of House No. 2405 to 2408, Second Floor



Photo 51

Peeling of Plaster on Wall No. 2 of Bathroom of House No. 2405 to 2408, Second Floor



Photo 52

Peeling of Plaster on Roof of Room No. 10 of House No. 2405 to 2408, Second Floor



Photo 53

Peeling of Plaster on Roof of Room No. 8 of House No. 2405 to 2408, Second Floor



Photo 54

Dampness/Seepage on Wall No.2 & Roof of Passage 1 of House No. 2405 to 2408 of Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 55

Dampness/Seepage on Roof of Toilet No. 1 of House No. 2405 to 2408, Second Floor



Photo 56

Dampness/Seepage on Roof of Toilet No. 2 of House No. 2405 to 2408, Second Floor



Photo 57

Dampness/Seepage on Roof of Toilet No. 3 of House No. 2405 to 2408, Second Floor



Photo 58

Dampness/Seepage on Roof of Toilet No. 4 of House No. 2405 to 2408, Second Floor



Photo 59

Dampness/Seepage on Wall No. 3 of Bathroom of House No. 2405 to 2408, Second Floor



Photo 60

Plaster Crack on Wall No. 1 of Room No. 23 of House No. 2405 to 2408, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 61

Peeling of Plaster on Roof of Room No. 18 of House No. 2405 to 2408, Second Floor



Photo 62

Dampness/Seepage on Roof of Room No. 17 of House No. 2405 to 2408, Second Floor



Photo 63

Peeling of Plaster on Wall No. 2 of Staircase Second Floor to Terrace of House No. 2405 to 2408 of Terrace



Photo 64

Peeling of Plaster on Wall No. 3 of Staircase Second Floor to Terrace of House No. 2405 to 2408 of Terrace



Photo 65

Dampness/Seepage on Roof of Staircase Second Floor to Terrace of House No. 2405 to 2408 of Terrace



Photo 66

Dampness/Seepage on Wall No. 4 & Roof of Room No. 1 of House No. 2405 to 2408, Terrace

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 67

Dampness/Seepage on Wall No. 1 & 4 of Room No. 2 of House No. 2405 to 2408, Terrace



Photo 68

Dampness/Seepage on Wall No. 2 & 3 of Room No. 2 of House No. 2405 to 2408, Terrace



Photo 69

Dampness/Seepage on Wall No. 2 & 4 of Room No. 2 of House No. 2405 to 2408, Second Floor



Photo 70

Dampness/Seepage on Wall No. 1 of Room No. 2 of House No. 2405 to 2408, Second Floor



Photo 71

Dampness/Seepage on Wall No. 4 of Bathroom of House No. 2405 to 2408, First Floor



Photo 72

Peeling of Plaster on Wall No. 4 of Room No. 1 of House No. 2405 to 2408, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 73

Peeling of Plaster on Roof of Room No. 2 of House No. 2405 to 2408, First Floor



Photo 74

Peeling of Plaster on Floor of Room No. 3 of House No. 2405 to 2408, First Floor



Photo 75

Damaged Portion on Floor of Room No. 6 of House No. 2405 to 2408, First Floor



Photo 76

Peeling of Plaster on Wall No. 4 of Room No. 6 of House No. 2405 to 2408, First Floor



Photo 77

Dampness/Seepage on Wall No.4 & Roof of Passage 2 of Part A of House No. 2405 to 2408 of First Floor



Photo 78

Dampness/Seepage on Wall No. 2 & 3 of Passage 2 of Part A of House No. 2405 to 2408 of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 79

Dampness/Seepage on Wall No. 3 & Roof of Passage 2 of Part B of House No. 2405 to 2408 of First Floor



Photo 80

Dampness/Seepage on Wall No. 2 of Passage 2 of Part B of House No. 2405 to 2408 of First Floor



Photo 81

Dampness/Seepage on Roof of Toilet No. 1 of House No. 2405 to 2408, First Floor



Photo 82

Peeling of Plaster on Wall No. 4 of Toilet No. 1 of House No. 2405 to 2408, First Floor



Photo 83

Dampness/Seepage on Wall No. 2,4 & Roof of Toilet No. 2 of House No. 2405 to 2408, First Floor



Photo 84

Dampness/Seepage on Wall No. 1,2,4 & Roof of Toilet No. 3 of House No. 2405 to 2408, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 85

Dampness/Seepage on Roof & Wall No. 1, 2 & 4 of Toilet No. 4 of House No. 2405 to 2408, First Floor



Photo 86

Dampness/Seepage on Roof of Varanda of House No. 2405 to 2408 of First Floor



Photo 87

Dampness/Seepage on Roof of Varanda of House No. 2405 to 2408 of First Floor



Photo 88

Dampness/Seepage on Roof of Varanda of House No. 2405 to 2408 of First Floor



Photo 89

Peeling of Plaster on Floor of Toilet No. 8 of House No. 2405 to 2408, First Floor



Photo 90

Peeling of Plaster on Wall No. 2 of Toilet No. 13 of House No. 2405 to 2408, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 91

Dampness/Seepage on Wall No. 4 of Toilet No. 15 of House No. 2405 to 2408, First Floor



Photo 92

Plaster Crack on Floor of Hall No. 1 of House No. 2405 to 2408, First Floor



Photo 93

Peeling of Plaster on Floor of Toilet No. 27 of House No. 2405 to 2408, First Floor



Photo 94

Peeling of Plaster on Roof of Toilet No. 19 of House No. 2405 to 2408, First Floor



Photo 95

Plaster Crack on Wall No. 4 of Toilet No. 19 of House No. 2405 to 2408, First Floor



Photo 96

Peeling of Plaster on Wall No. 1 of Toilet No. 22 of House No. 2405 to 2408, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 97

Peeling of Plaster on Roof of Toilet No. 22 of House No. 2405 to 2408, First Floor



Photo 98

Peeling of Plaster on Wall No. 3 of Toilet No. 22 of House No. 2405 to 2408, First Floor



Photo 99

Peeling of Plaster on Wall No. 2 of Toilet No. 22 of House No. 2405 to 2408, First Floor



Photo 100

Dampness/Seepage on Roof of Hall No. 3 of House No. 2405 to 2408, First Floor



Photo 101

Dampness/Seepage on Roof of Hall No. 3 of House No. 2405 to 2408, First Floor



Photo 102

Dampness/Seepage on Roof of Hall No. 3 of House No. 2405 to 2408, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 103

Dampness/Seepage on Roof of Hall No. 3 of House No. 2405 to 2408, First Floor



Photo 104

Dampness/Seepage on Wall No. 3 of Hall No. 3 of House No. 2405 to 2408, First Floor



Photo 105

Dampness/Seepage on Wall No. 3 of Hall No. 3 of House No. 2405 to 2408, First Floor



Photo 106

Peeling of Plaster on Wall No. 2 of Hall No. 3 of House No. 2405 to 2408, First Floor



Photo 107

Plaster Crack on Wall No. 2 of Hall No. 3 of House No. 2405 to 2408, First Floor



Photo 108

Peeling of Plaster on Wall No. 1 of Hall No. 3 of House No. 2405 to 2408, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 109

Plaster Crack on Wall No. 2 of Hall No. 3 of House No. 2405 to 2408, First Floor



Photo 110

Dampness/Seepage on Roof & Wall No. 2 & 4 of Toilet No. 23 of House No. 2405 to 2408, First Floor



Photo 111

Peeling of Plaster on Wall No. 3 of Toilet No. 23 of House No. 2405 to 2408, First Floor



Photo 112

Peeling of Plaster on Roof of Toilet No. 24 of House No. 2405 to 2408, First Floor



Photo 113

Peeling of Plaster on Wall No. 2 of Toilet No. 24 of House No. 2405 to 2408, First Floor



Photo 114

Dampness/Seepage on Roof of Toilet No. 25 of House No. 2405 to 2408, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 115

Plaster Crack on Wall No. 4 of Toilet No. 25 of House No. 2405 to 2408, First Floor



Photo 116

Dampness/Seepage on Roof of Toilet No. 26 of House No. 2405 to 2408, First Floor



Photo 117

Plaster Crack on Wall No. 4 of Toilet No. 26 of House No. 2405 to 2408, First Floor



Photo 118

Plaster Crack on Wall No. 4 of Toilet No. 26 of House No. 2405 to 2408, First Floor



Photo 119

Dampness/Seepage on Roof of Bathroom No. of House No. 2405 to 2408, First Floor



Photo 120

Shop No. 1 of House No. 2405 to 2408 of Ground Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 121

Shop No. 2 of House No. 2405 to 2408 of Ground Floor Locked



Photo 122

Shop No. 3 of House No. 2405 to 2408 of Ground Floor Locked



Photo 123

Shop No. 4 of House No. 2405 to 2408 of Ground Floor Locked



Photo 124

Shop No. 5 of House No. 2405 to 2408 of Ground Floor Locked



Photo 125

Shop No. 6 of House No. 2405 to 2408 of Ground Floor Locked



Photo 126

Wall No. 2 of Room No. 2 of House No. 2405 to 2408, Ground Floor Covered with Almirah

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 127  
Hall No. 1 of House No. 2405 to 2408, Ground Floor



Photo 128  
Room No. 4 of House No. 2405 to 2408, Ground Floor Locked



Photo 129  
Room No. 5, 6 of House No. 2405 to 2408, Ground Floor Locked



Photo 130  
Wall No. 2 of Passage 2 of House No. 2405 to 2408 of Ground Floor Covered with Tiles



Photo 131  
All wall of Toilet No. 1, 2, 3 of House No. 2405 to 2408, Ground Floor Covered with Tiles



Photo 132  
All wall of Toilet No. 1, 2, 3 of House No. 2405 to 2408, Ground Floor Covered with Tiles



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 133

All wall of Toilet No. 1, 2, 3 of House No. 2405 to 2408, Ground Floor Covered with Tiles



Photo 134

All wall of Toilet No. 4 of House No. 2405 to 2408, Ground Floor Covered with Tiles



Photo 135

Room No. 26 of House No. 2405 to 2408, Ground Floor Locked



Photo 136

Wall No. 4 of Room No. 25 of House No. 2405 to 2408, Ground Floor Covered with Almirah



Photo 137

Room No. 24 of House No. 2405 to 2408, Ground Floor Locked

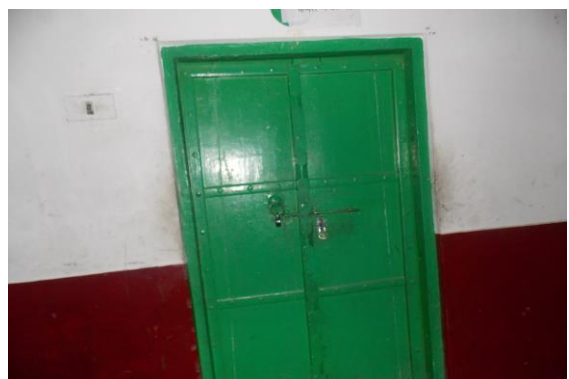


Photo 138

Room No. 23 of House No. 2405 to 2408, Ground Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 139

Room No. 22 of House No. 2405 to 2408, Ground Floor Locked



Photo 140

Room No. 17 of House No. 2405 to 2408, Ground Floor Locked



Photo 141

Room No. 14 of House No. 2405 to 2408, Ground Floor Locked



Photo 142

All wall of Bathroom No. of House No. 2405 to 2408, Ground Floor Covered with Tiles

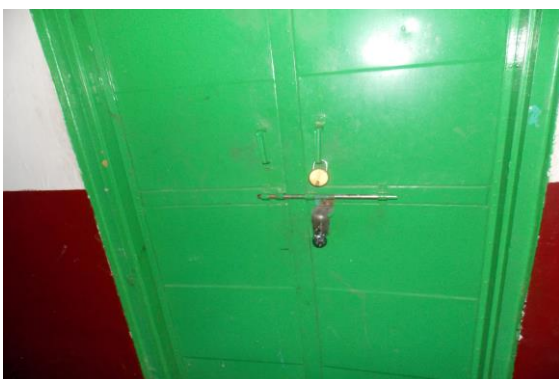


Photo 143

Room No. 7 of House No. 2405 to 2408, Second Floor Locked

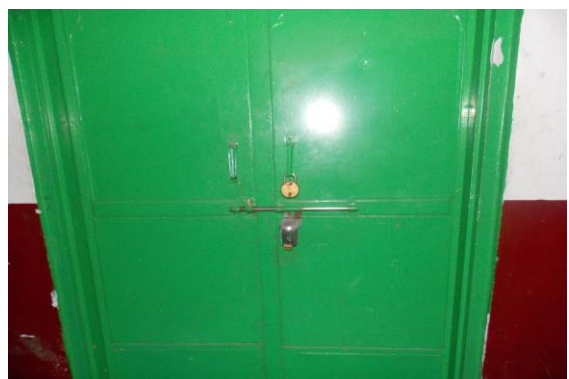


Photo 144

Room No. 6 of House No. 2405 to 2408, Second Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 145

Room No. 5 of House No. 2405 to 2408, Second Floor Locked



Photo 146

Room No. 4 of House No. 2405 to 2408, Second Floor Locked



Photo 147

Room No. 3 of House No. 2405 to 2408, Second Floor Locked



Photo 148

Room No. 22 of House No. 2405 to 2408, Second Floor Locked



Photo 149

Room No. 20 of House No. 2405 to 2408, Second Floor Locked



Photo 150

Room No. 19 of House No. 2405 to 2408, Second Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 151

Room No. 16 of House No. 2405 to 2408, Second Floor Locked



Photo 152

Room No. 15 of House No. 2405 to 2408, Second Floor Locked



Photo 153

Room No. 14 of House No. 2405 to 2408, Second Floor Locked



Photo 154

Room No. 13 of House No. 2405 to 2408, Second Floor Locked



Photo 155

Hall No. 1 of House No. 2405 to 2408, Second Floor Locked



Photo 156

Room No. 11 of House No. 2405 to 2408, Second Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 157

Room No. 12 of House No. 2405 to 2408, Second Floor Locked



Photo 158

All wall of Toilet No. 1 of House No. 2405 to 2408, Terrace Covered with Tiles



Photo 159

Floor of Passage 1 of House No. 2405 to 2408 of First Floor Covered with Tiles



Photo 160

All wall of Toilet No. 2 of House No. 2405 to 2408, First Floor 1/2 Portion Covered with Tiles



Photo 161

All wall of Toilet No. 3 of House No. 2405 to 2408, First Floor Covered with Tiles, 1/2 Portion



Photo 162

All wall of Toilet No. 4 of House No. 2405 to 2408, First Floor Covered with Tiles, 1/2 Portion



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 163

Toilet No. 7 of House No. 2405 to 2408, First Floor Locked



Photo 164

Toilet No. 9 of House No. 2405 to 2408, First Floor Locked



Photo 165

Toilet No. 10 of House No. 2405 to 2408, First Floor Locked



Photo 166

Toilet No. 14 of House No. 2405 to 2408, First Floor Locked



Photo 167

Toilet No. 16 of House No. 2405 to 2408, First Floor Locked



Photo 168

Toilet No. 17 of House No. 2405 to 2408, First Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 169

Toilet No. 18 of House No. 2405 to 2408, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 2414 & Shop No. 284  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0027

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0027/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	29/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 2 floors. The structure was constructed in year 1753 and is 260 years old.

There are 89 defects in the structure out of which 10 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	3	30%
Slight (1 to 5mm)	7	70%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 1.4mm and average length of cracks is 2.83m. The maximum crack width is 2.5mm and minimum width is 0.3mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0027-284	Sita Ram Ji Ka Mandir		
BC-RA/UP/0027-FF	Chandan Rastaurant		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2414 & Shop No. 284
2	Building Address	House No. 2414 & Shop No. 284 Ram Ganj Market Jaipur
3	Year of Construction	1753
4	Number of Floors	G+1
5	Number of Basements	None
6	Type of Building	Residential + Commercial
7	Approximate Height	6m
8	Approximate Area	Not Known
9	Age of Building	260 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	Two Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Wall No.3 & Roof Varanda 2, Part A House No. 2414, First Floor	Inclined	0.3	1.8	Very Slight	4
2	Wall No. 5 Varanda 2, Part A House No. 2414, First Floor	Inclined	0.4	1.2	Very Slight	5, 5A
3	Wall No. 7 Varanda 2, Part A House No. 2414, First Floor	Inclined	1.5	1.2	Slight	6, 6A
4	Wall No. 2 Varanda 2, Part A House No. 2414, First Floor	Inclined	0.8	3.3	Very Slight	7, 7A
5	Roof Varanda 2, Part A House No. 2414, First Floor	Inclined	1	2.5	Slight	8
6	Wall No. 3 Sky Open 2, Part A House No. 2414, First Floor	Inclined	1	1.3	Slight	9
7	Wall No. 1,4 & Roof Room No. 1 House No. 2414, Ground Floor	Inclined	2.5	6.5	Slight	10
8	Roof & Wall No. 1 & 4 Room No. 1 House No. 2414, Ground Floor	Inclined	2.5	6.5	Slight	11
9	Wall No. 4 Varanda 3 of Part A House No. 2414, Ground Floor	Inclined	2	1.5	Slight	12, 12A
10	Wall No. 2 House No. 2414 First Floor	Inclined	2	2.5	Slight	13

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
11	Wall No. 4 Shop No.284 Ground Floor	Peeling of Plaster	14
12	Wall No. 1 Shop No.284 Ground Floor	Peeling of Plaster	15
13	Wall No. 4 Shop No.284 Ground Floor	Peeling of Plaster	16
14	Open Sky Wall 3, Part A House No. 2414, First Floor	Peeling of Plaster	17
15	Wall No. 2 Open Sky Wall 3, Part A House No. 2414, First Floor	Damaged Portion	18
16	Wall No. 2 Open Sky Wall 3, Part A House No. 2414, First Floor	Damaged Portion	19
17	Wall No. 4 Open Sky Wall 3, Part A House No. 2414, First Floor	Damaged Portion	20
18	Wall No. 2 Open Sky Wall 3, Part A House No. 2414, First Floor	Damaged Portion	21
19	Sunsahde Open Sky Wall 3, Part A House No. 2414, First Floor	Damaged Portion	22
20	Sunsahde Open Sky Wall 3, Part A House No. 2414, First Floor	Damaged Portion	23
21	Wall No. 4 Varanda 1, Part A House No. 2414, First Floor	Damaged Portion	24
22	Wall No. 1 & 3 Varanda 1, Part A House No. 2414, First Floor	Damaged Portion	25
23	Roof Varanda 1, Part A House No. 2414, First Floor	Damaged Portion	26
24	Roof Varanda 1, Part A House No. 2414, First Floor	Damaged Portion	27
25	Wall No. 2 Varanda 1, Part A House No. 2414, First Floor	Peeling of Plaster	28
26	Wall No. 5 Varanda 2, Part A House No. 2414, First Floor	Plaster Crack	29
27	Floor Varanda 2, Part A House No. 2414, First Floor	Plaster Crack	30
28	Floor Varanda 2, Part A House No. 2414, First Floor	Peeling of Plaster	31
29	Roof Varanda 2, Part A House No. 2414, First Floor	Peeling of Plaster	32



30	Wall No. 1 Store Room 1, Part A House No. 2414, First Floor	Peeling of Plaster	33
31	Wall No. 4 Store Room 1, Part A House No. 2414, First Floor	Peeling of Plaster	34
32	Roof Varanda 2, Part A House No. 2414, First Floor	Peeling of Plaster	35
33	Wall No. 4 Varanda 2, Part A House No. 2414, First Floor	Peeling of Plaster	36
34	Roof Varanda 2, Part A House No. 2414, First Floor	Peeling of Plaster	37
35	Wall No. 4 Varanda 2, Part A House No. 2414, First Floor	Peeling of Plaster	38
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37	Wall No. 1 Store Room 2, Part A House No. 2414, First Floor	Peeling of Plaster	40
38	Wall No. 2 Store Room 2, Part A House No. 2414, First Floor	Peeling of Plaster	41
39	Wall No. 4 Store Room 2, Part A House No. 2414, First Floor	Damaged Portion	42
40	Wall No. 4 Room No. 1 House No. 2414, First Floor	Dampness/Seepage	43
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44	Roof Store Room 3, Part A House No. 2414, First Floor	Peeling of Plaster	47
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46	Wall No. 2 Room No. 3 House No. 2414, First Floor	Dampness/Seepage	49
47	Wall No. 1 Stair Ground Floor to First Floor, Part A House No. 2414, Ground Floor	Peeling of Plaster	50
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49	Wall No. 3 Stair Ground Floor to First Floor, Part A House No. 2414, Ground Floor	Peeling of Plaster	52
50	Roof Stair Ground Floor to First Floor, Part A House No. 2414, Ground Floor	Peeling of Plaster	53
51	Roof Stair Ground Floor to First Floor, Part A House No. 2414, Ground Floor	Peeling of Plaster	54
52	Wall No. 2 Stair Ground Floor to First Floor, Part A House No. 2414, Ground Floor	Peeling of Plaster	55
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56	Wall No. 2 Room No. 1 House No. 2414, Ground Floor	Peeling of Plaster	59
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58	Wall No. 3 Room No. 1 House No. 2414, Ground Floor	Peeling of Plaster	61
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61	Wall No. 1 Room No. 2 House No. 2414, Ground Floor	Peeling of Plaster	64
62	Wall No. 1 Room No. 2 House No. 2414, Ground Floor	Damaged Portion	65
63	Wall No. 4 Room No. 2 House No. 2414, Ground Floor	Peeling of Plaster	66
64	Wall No. 4 Room No. 2 House No. 2414, Ground Floor	Peeling of Plaster	67
65	Roof & Wall No. 1, 3 & 4 Store Room ,Part A House No. 2414, Ground Floor	Peeling of Plaster	68
66	Wall No. 4 Store Room ,Part A House No. 2414, Ground Floor	Peeling of Plaster	69
67	Wall No. 2 Passage , Part A House No. 2414, Ground Floor	Peeling of Plaster	70

68	Wall No. 1 Passage , Part A House No. 2414, Ground Floor	Damaged Portion	71
69	Wall No. 2 Passage , Part A House No. 2414, Ground Floor	Damaged Portion	72
70	All Wall & Roof Room No. 3 House No. 2414,Ground Floor	Damaged Portion	73
71	All Wall & Roof Room No. 3 House No. 2414,Ground Floor	Damaged Portion	74
72	All Wall & Roof Room No. 3 House No. 2414,Ground Floor	Damaged Portion	75
73	All Wall & Roof Room No. 3 House No. 2414,Ground Floor	Damaged Portion	76
74	All Wall & Roof Room No. 3 House No. 2414,Ground Floor	Damaged Portion	77
75	All Wall & Roof Room No. 3 House No. 2414,Ground Floor	Damaged Portion	78
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78	Wall No. 2 Varanda 3 of Part A House No. 2414, Ground Floor	Damaged Portion	81
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Summary of Areas that Could not be Surveyed

Serial No.	Location	Description	Photo No.
1	Shop No.285 Ground Floor	locked	93

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
Right Side of House No.2414



Photo 2  
View of Shop 284 Cold Drinks Mansoori, Ground Floor



Photo 3  
Left Side View of House No. 2414,



Photo 4  
Inclined Crack on Wall No. 3 & Roof of Varanda 2, Part A, House No. 2414, First Floor Approx. Width = 0.3mm, Approx. Length = 1.8m. Distance from Wall No.1 = 1.5m, Height from Floor = 2.4m.

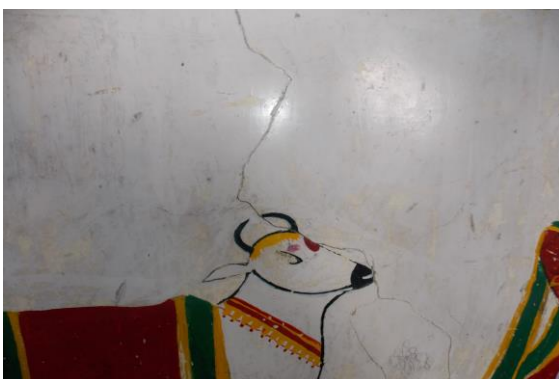


Photo 5  
Inclined Crack on Wall No. 5 of Varanda 2, Part A, House No. 2414, First Floor Approx. Width = 0.4mm, Approx. Length = 1.2m. Distance from Wall No.1 = 1.3m, Height from Floor = 0m.



Photo 5A  
Inclined Crack on Wall No. 5 of Varanda 2, Part A, House No. 2414, First Floor Approx. Width = 0.4mm, Approx. Length = 1.2m. Distance from Wall No.1 = 1.3m, Height from Floor = 0m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 6

Inclined Crack on Wall No. 7 of Varanda 2, Part A, House No. 2414, First Floor Approx. Width = 1.5mm, Approx. Length = 1.2m. Distance from Wall No.1 = 3m, Height from Floor = 0m.



Photo 6A

Inclined Crack on Wall No. 7 of Varanda 2, Part A, House No. 2414, First Floor Approx. Width = 1.5mm, Approx. Length = 1.2m. Distance from Wall No.1 = 3m, Height from Floor = 0m.



Photo 7

Inclined Crack on Wall No. 2 of Varanda 2, Part A, House No. 2414, First Floor Approx. Width = 0.8mm, Approx. Length = 3.3m. Distance from Wall No.4 = 3m, Height from Floor = 0m.



Photo 7A

Inclined Crack on Wall No. 2 of Varanda 2, Part A, House No. 2414, First Floor Approx. Width = 0.8mm, Approx. Length = 3.3m. Distance from Wall No.4 = 3m, Height from Floor = 0m.



Photo 8

Inclined Crack on Roof of Varanda 2, Part A, House No. 2414, First Floor Approx. Width = 1mm, Approx. Length = 2.5m. Distance from Wall No.2 = 1m, Height from Floor = 3m.



Photo 9

Inclined Crack on Wall No. 3 of Sky Open 2, Part A, House No. 2414, First Floor Approx. Width = 1mm, Approx. Length = 1.3m. Distance from Wall No.2 = 0.5m, Height from Floor = 3m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 10

Inclined Crack on Wall No. 1,4 & Roof of Room No. 1, House No. 2414, Ground Floor Approx. Width = 2.5mm, Approx. Length = 6.5m. Distance from Wall No.4 = 0m, Height from Floor = 2.5m.



Photo 11

Inclined Crack on Wall No. 1,4 & Roof of Room No. 1, House No. 2414, Ground Floor Approx. Width = 2.5mm, Approx. Length = 6.5m. Distance from Wall No.4 = 0m, Height from Floor = 2.5m.



Photo 12

Inclined Crack on Wall No. 4 of Varanda 3 of Part A, House No. 2414, Ground Floor  
Approx. Width = 2mm, Approx. Length = 1.5m.  
Distance from Wall No 1 = 4m Height from Floor = 0m



Photo 12A

Inclined Crack on Wall No. 4 of Varanda 3 of Part A, House No. 2414, Ground Floor Approx. Width = 2mm, Approx. Length = 1.5m. Distance from Wall No.1 = 4m, Height from Floor = 0m.



Photo 13

Inclined Crack on Wall No. 2 of House No. 2414, First Floor Approx. Width = 2mm, Approx. Length = 2.5m. Distance from Wall No.3 = 5.5m, Height from Floor = 4m.



Photo 14

Peeling of Plaster on Wall No. 4 of Shop No.284 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 15  
Peeling of Plaster on Wall No. 1 of Shop No.284 of Ground Floor



Photo 16  
Peeling of Plaster on Wall No. 4 of Shop No.284 of Ground Floor



Photo 17  
Peeling of Plaster on Open Sky Wall 3, Part A of House No. 2414, First Floor



Photo 18  
Damaged Portion on Wall No. 2 of Open Sky Wall 3, Part A of House No. 2414, First Floor



Photo 19  
Damaged Portion on Wall No. 2 of Open Sky Wall 3, Part A of House No. 2414, First Floor



Photo 20  
Damaged Portion on Wall No. 4 of Open Sky Wall 3, Part A of House No. 2414, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 21

Damaged Portion on Wall No. 2 of Open Sky Wall 3, Part A of House No. 2414, First Floor



Photo 22

Damaged Portion on Sunshade of Open Sky Wall 3, Part A of House No. 2414, First Floor



Photo 23

Damaged Portion on Sunshade of Open Sky Wall 3, Part A of House No. 2414, First Floor



Photo 24

Damaged Portion on Wall No. 4 of Varanda 1, Part A of House No. 2414, First Floor



Photo 25

Damaged Portion on Wall No. 1 & 3 of Varanda 1, Part A of House No. 2414, First Floor



Photo 26

Damaged Portion on Roof of Varanda 1, Part A of House No. 2414, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 27

Damaged Portion on Roof of Varanda 1, Part A of House No. 2414, First Floor



Photo 28

Peeling of Plaster on Wall No. 2 of Varanda 1, Part A of House No. 2414, First Floor



Photo 29

Plaster Crack on Wall No. 5 of Varanda 2, Part A of House No. 2414, First Floor



Photo 30

Plaster Crack on Floor of Varanda 2, Part A of House No. 2414, First Floor



Photo 31

Peeling of Plaster on Floor of Varanda 2, Part A of House No. 2414, First Floor



Photo 32

Peeling of Plaster on Roof of Varanda 2, Part A of House No. 2414, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 33

Peeling of Plaster on Wall No. 1 of Store Room 1, Part A of House No. 2414, First Floor



Photo 34

Peeling of Plaster on Wall No. 4 of Store Room 1, Part A of House No. 2414, First Floor



Photo 35

Peeling of Plaster on Roof of Varanda 2, Part A of House No. 2414, First Floor



Photo 36

Peeling of Plaster on Wall No. 4 of Varanda 2, Part A of House No. 2414, First Floor



Photo 37

Peeling of Plaster on Roof of Varanda 2, Part A of House No. 2414, First Floor



Photo 38

Peeling of Plaster on Wall No. 4 of Varanda 2, Part A of House No. 2414, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 39

Peeling of Plaster on Wall No. 4 of Store Room 2, Part A of House No. 2414, First Floor



Photo 40

Peeling of Plaster on Wall No. 1 of Store Room 2, Part A of House No. 2414, First Floor



Photo 41

Peeling of Plaster on Wall No. 2 of Store Room 2, Part A of House No. 2414, First Floor



Photo 42

Damaged Portion on Wall No. 4 of Store Room 2, Part A of House No. 2414, First Floor



Photo 43

Dampness/Seepage on Wall No. 4 of Room No. 1 of House No. 2414, First Floor



Photo 44

Dampness/Seepage on Wall No. 1 of Room No. 2 of House No. 2414, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

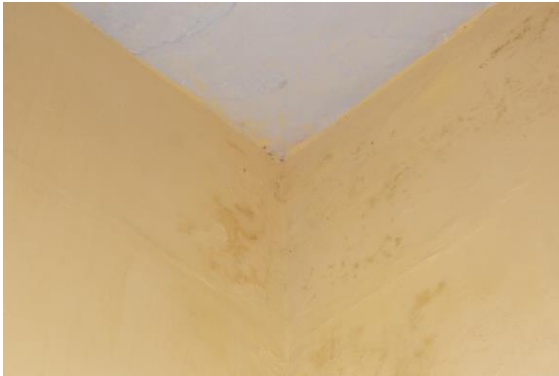


Photo 45

Dampness/Seepage on Wall No. 2 & 4 of Room No. 2 of House No. 2414, First Floor



Photo 46

Peeling of Plaster on Wall No. 1 of Store Room 3, Part A of House No. 2414, First Floor



Photo 47

Peeling of Plaster on Roof of Store Room 3, Part A of House No. 2414, First Floor



Photo 48

Dampness/Seepage on Roof of Room No. 3 of House No. 2414, First Floor



Photo 49

Dampness/Seepage on Wall No. 2 of Room No. 3 of House No. 2414, First Floor



Photo 50

Peeling of Plaster on Wall No. 1 of Stair Ground Floor to First Floor, Part A of House No. 2414, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 51

Peeling of Plaster on Wall No. 1 of Stair Ground Floor to First Floor,  
Part A of House No. 2414, Ground Floor



Photo 52

Peeling of Plaster on Wall No. 3 of Stair Ground Floor to First Floor,  
Part A of House No. 2414, Ground Floor



Photo 53

Peeling of Plaster on Roof of Stair Ground Floor to First Floor, Part A of  
House No. 2414, Ground Floor



Photo 54

Peeling of Plaster on Roof of Stair Ground Floor to First Floor, Part A of  
House No. 2414, Ground Floor



Photo 55

Peeling of Plaster on Wall No. 2 of Stair Ground Floor to First Floor,  
Part A of House No. 2414, Ground Floor



Photo 56

Peeling of Plaster on Wall No. 2 of Stair Ground Floor to First Floor,  
Part A of House No. 2414, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 57

Peeling of Plaster on Wall No. 2 of Passage 1, Part A of House No. 2414, Ground Floor



Photo 58

Peeling of Plaster on Wall No. 1 of Passage 1, Part A of House No. 2414, Ground Floor



Photo 59

Peeling of Plaster on Wall No. 2 of Room No. 1 of House No. 2414, Ground Floor



Photo 60

Peeling of Plaster on Wall No. 4 of Room No. 1 of House No. 2414, Ground Floor



Photo 61

Peeling of Plaster on Wall No. 3 of Room No. 1 of House No. 2414, Ground Floor



Photo 62

Peeling of Plaster on Wall No. 2 of Room No. 1 of House No. 2414, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 63

Peeling of Plaster on Wall No. 2 & 3 of Room No. 2 of House No. 2414, Ground Floor



Photo 64

Peeling of Plaster on Wall No. 1 of Room No. 2 of House No. 2414, Ground Floor



Photo 65

Damaged Portion on Wall No. 1 of Room No. 2 of House No. 2414, Ground Floor



Photo 66

Peeling of Plaster on Wall No. 4 of Room No. 2 of House No. 2414, Ground Floor



Photo 67

Peeling of Plaster on Wall No. 4 of Room No. 2 of House No. 2414, Ground Floor



Photo 68

Peeling of Plaster on Roof & Wall No. 1, 3 & 4 of Store Room, Part A of House No. 2414, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 69

Peeling of Plaster on Wall No. 4 of Store Room ,Part A of House No. 2414, Ground Floor



Photo 70

Peeling of Plaster on Wall No. 2 of Passage , Part A of House No. 2414, Ground Floor



Photo 71

Damaged Portion on Wall No. 1 of Passage , Part A of House No. 2414, Ground Floor



Photo 72

Damaged Portion on Wall No. 2 of Passage , Part A of House No. 2414, Ground Floor



Photo 73

Damaged Portion on All Wall & Roof of Room No. 3 of House No. 2414,Ground Floor



Photo 74

Damaged Portion on All Wall & Roof of Room No. 3 of House No. 2414,Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 75

Damaged Portion on All Wall & Roof of Room No. 3 of House No. 2414, Ground Floor



Photo 76

Damaged Portion on All Wall & Roof of Room No. 3 of House No. 2414, Ground Floor



Photo 77

Damaged Portion on All Wall & Roof of Room No. 3 of House No. 2414, Ground Floor



Photo 78

Damaged Portion on All Wall & Roof of Room No. 3 of House No. 2414, Ground Floor



Photo 79

Peeling of Plaster on Wall No. 4 of Varanda 3 of Part A of House No. 2414, Ground Floor



Photo 80

Damaged Portion on Wall No. 3 of Varanda 3 of Part A of House No. 2414, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 81

Damaged Portion on Wall No. 2 of Varanda 3 of Part A of House No. 2414, Ground Floor



Photo 82

Damaged Portion on Wall No. 2 of Varanda 3 of Part A of House No. 2414, Ground Floor



Photo 83

Peeling of Plaster on Wall No. 1 of Staircase of Part A of House No. 2414, Ground Floor



Photo 84

Peeling of Plaster on Wall No. 2 of House No. 2414 of House No. 2414, Ground Floor



Photo 85

Damaged Portion on Wall No. 2 of House No. 2414 of House No. 2414, Ground Floor



Photo 86

Damaged Portion on Wall No. 2 of House No. 2414 of House No. 2414, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 87

Damaged Portion on Wall No. 4 & Sunshade of Varanda 3 of Part A of House No. 2414, Ground Floor



Photo 88

Damaged Portion on Wall No. 4 & Sunshade of Varanda 3 of Part A of House No. 2414, Ground Floor



Photo 89

Peeling of Plaster on Wall No. 4 of Varanda 3 of Part A of House No. 2414, Ground Floor



Photo 90

Peeling of Plaster on Floor of Varanda 3 of Part A of House No. 2414, Ground Floor



Photo 91

Damaged Portion on Sunshade of Main Gate of House No. 2414, Ground Floor



Photo 92

Peeling of Plaster on Wall No. 2 of House No. 2414 of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 93

Shop No.285 of Ground Floor locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 2193  
2193, Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0028

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0028/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	27/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1813 and is 200 years old.

There are 147 defects in the structure out of which 39 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category III (Moderate)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	18	46.15%
Slight (1 to 5mm)	20	51.28%
Moderate (5 to 15mm)	1	2.56%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 1.33mm and average length of cracks is 1.63m. The maximum crack width is 5mm and minimum width is 0.3mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA-UP/0028/GF-FF-SF	H.No. 2193	Mr. Fariduddin, Mr. Abdul Rauf	
BC-RA-UP/0028/1 RS	Jain Misthan Bhandar	Mr. Padam Chand	
BC-RA-UP/0028/2 RS	Dilip Repairing Centre	Mr. Dilip Saini	
BC-RA-UP/0028/3 RS	Rehan Textile	Mr. Sattar Bhai	
BC-RA-UP/0028/4 RS	Jai Hind Floor Mill	Mr. Shankar Lal Sharma	
BC-RA-UP/0028/5 RS	Babu Bhai Rangwale	Mr. Fariq	
BC-RA-UP/0028/6 RS	Babu Bhai Rangwale	Mr. Fariq	

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2193 & Shops
2	Building Address	House No. 2193, Ram Ganj Market Jaipur
3	Year of Construction	1813
4	Number of Floors	G+2
5	Number of Basements	None
6	Type of Building	Commercial+ Residential
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	200 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	1
13	Depth and Diameter of Bore	4inch & 120 Mtr.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof Hall No. 4 First Floor	Inclined	0.4	1	Very Slight	13, 13A
2	Roof Hall No. 6 First Floor	Inclined	0.5	2	Very Slight	14
3	Wall No. 1 Room No. 1 Second Floor	Inclined	0.35	1.1	Very Slight	15, 15A
4	Roof Room No. 2 Second Floor	Horizontal	0.4	1.9	Very Slight	16
5	Roof Toilet No. Toilet & Bathroom No.3 Second Floor	Inclined	0.3	2	Very Slight	17
6	Roof Room No. 1 Second Floor	Inclined	0.3	1	Very Slight	18
7	Roof Room No. 2 Second Floor	Inclined	0.4	2	Very Slight	19
8	Wall No. 2 Room No. 2 Second Floor	Inclined	0.4	1.3	Very Slight	20
9	Wall No. 4 Room No. 3 Second Floor	Inclined	0.5	2	Very Slight	21
10	Wall No. 5 Room No. 3 Second Floor	Inclined	0.8	1.2	Very Slight	22, 22A
11	Wall No. 2 Room No. 3 Second Floor	Inclined	0.5	1.6	Very Slight	23, 23A
12	Wall No. 3 Room No. 3 Second Floor	Inclined	2.5	0.8	Slight	24, 24A
13	Wall No. 3 Part A of H. No.2193 Second Floor	Horizontal	4	0.3	Slight	25, 25A
14	Wall No. 3 Room No. 3 Second Floor	Inclined	1	1	Slight	26, 26A
15	Wall No. 3 Room No. 3 Second Floor	Inclined	2	1	Slight	27
16	Wall No. 2 & 3 Room No. 3 Second Floor	Horizontal	2	0.6	Slight	28
17	Wall No. 3 Room No. 4 Second Floor	Horizontal	1	0.4	Slight	29
18	Wall No. 2 & 4 Room No. 5 Second Floor	Inclined	1.5	3	Slight	30, 30A
19	Wall No. 3 Room No. 5 Second Floor	Inclined	2	1	Slight	31, 31A
20	Wall No. 4 Room No. 5 Second Floor	Inclined	0.6	1.1	Very Slight	32, 32A
21	Wall No. 1 Room No. 5 Second Floor	Inclined	1	0.6	Slight	33, 33A
22	Wall No. 3 Room No. 5 Second Floor	Inclined	2.5	0.6	Slight	34, 34A
23	Wall No. 3 Room No. 5 Second Floor	Horizontal	4	1.3	Slight	35, 35A
24	Part A of H. No.2193 First Floor	Inclined	0.5	5	Very Slight	36, 36A
25	Part A of H. No.2193 First Floor	Inclined	0.5	0.8	Very Slight	37, 37A
26	Part A of H. No.2193 First Floor	Inclined	0.3	2	Very Slight	38, 38A
27	Perapet Wall Part A of H. No.2193 First Floor	Inclined	1	1	Slight	39, 39A
28	Wall No. 1 Lobby Ground Floor	Inclined	2	0.7	Slight	40
29	Wall No. 3 Open Sky No.2 Ground Floor	Horizontal	1	3.5	Slight	41
30	Wall No. 1 Open Sky No.2 Ground Floor	Inclined	4	1	Slight	42
31	Wall No. 1 Open Sky No.1 Ground Floor	Inclined	1.5	1.5	Slight	43, 43A
32	Wall No. 1 Open Sky No.1 Ground Floor	Inclined	0.6	3	Very Slight	44, 44A
33	Outer Wall External Façade of Part B House No.2193, Second Floor	Inclined	2.5	1.6	Slight	45
34	Outer Wall External Façade of Part B House No.2193, Second Floor	Inclined	1	2.8	Slight	46
35	Shade External Façade of Part B House No.2193, Second Floor	Horizontal	5	1.7	Moderate	47
36	Roof Shop Jai Hind Floor Mills Ground Floor	Horizontal	1	3	Slight	48
37	Roof Shop Jai Hind Floor Mills Ground Floor	Horizontal	0.35	3	Very Slight	49
38	Roof Shop Jai Hind Floor Mills Ground Floor	Horizontal	1	3	Slight	50
39	Wall No. 3 Shop Jai Hind Floor Mills Ground Floor	Inclined	0.5	1	Very Slight	51

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.



Defect ID	Location	Description	Photo No.
40	Wall No. 3 Passage Ground Floor	Damaged Portion	52
41	Wall No. 1 Hall No. 1 Ground Floor	Damaged Portion	53
42	Wall No. 2 & 3 Hall No. 1 Ground Floor	Dampness/Seepage	54
43	Wall No. 5 Passage	Peeling of Plaster	55
44	Wall No. 2 Room No. 1 Ground Floor	Dampness/Seepage	56
45	All Walls & Roof Room No. 2 Ground Floor	Dampness/Seepage	57
46	Wall No. 4 Hall No. 2 Ground Floor	Dampness/Seepage	58
47	Wall No. 6 & 7 Hall No. 2 Ground Floor	Damaged Portion	59
48	Wall No. 4 Room No. 3 Ground Floor	Dampness/Seepage	60
49	Wall No. 1 Room No. 3 Ground Floor	Dampness/Seepage	61
50	Wall No. 3 Room No. 3 Ground Floor	Damaged Portion	62
51	Wall No. 4 Room No. 5 Ground Floor	Dampness/Seepage	63
52	Wall No. 4 Hall No. 3 Ground Floor	Peeling of Plaster	64
53	Wall No. 1 & 4 Hall No. 3 Ground Floor	Dampness/Seepage	65
54	Wall No. 2 & 4 Hall No. 3 Ground Floor	Dampness/Seepage	66
55	Roof Hall No. 3 Ground Floor	Peeling of Plaster	67
56	All Walls & Roof Room No. 6 Ground Floor	Dampness/Seepage	68
57	Wall No. 4 Room No. 7 Ground Floor	Dampness/Seepage	69
58	Wall No. 2 & 4 Hall No. 4 Ground Floor	Dampness/Seepage	70
59	Wall No. 1 & 3 Room No. 8 Ground Floor	Dampness/Seepage	71
60	Wall No. 4 Room No. 9 Ground Floor	Dampness/Seepage	72
61	All Walls Open Sky Ground Floor	Peeling of Plaster	73
62	All Walls Open Sky Ground Floor	Peeling of Plaster	74
63	Wall No. 1, 4 & Roof Hall No. 3 First Floor	Dampness/Seepage	75
64	Wall No. 2, 3 & Roof Room No. 4 First Floor	Dampness/Seepage	76
65	Wall No. 2 & Roof Hall No. 5 First Floor	Dampness/Seepage	77
66	Wall No. 2, 4 & Roof Room No. 1 Second Floor	Dampness/Seepage	78
67	Wall No. 1, 3 & Roof Room No. 1 Second Floor	Dampness/Seepage	79
68	Wall No. 1, 2, 4 & Roof Room No. 2 Second Floor	Dampness/Seepage	80
69	Wall No. 1, 4 & Roof Toilet No. 1 Second Floor	Dampness/Seepage	81
70	Wall No. 2, 4 & Roof Bathroom Second Floor	Dampness/Seepage	82
71	Roof Hall No. 3 Second Floor	Peeling of Plaster	83
72	Wall No. 3 Hall No. 3 Second Floor	Peeling of Plaster	84
73	Wall No. 2, 4 & Roof Room No. 4 Second Floor	Dampness/Seepage	85
74	Wall No. 4 & Roof Toilet & Bathroom No.3 Second Floor	Dampness/Seepage	86
75	Wall No. 4 Toilet & Bathroom No.3 Second Floor	Damaged Portion	87
76	Wall No. 3 Room No. 3 Second Floor	Peeling of Plaster	88
77	Wall No. 2 Room No. 3 Second Floor	Peeling of Plaster	89
78	Wall No. 1 Room No. 3 Second Floor	Peeling of Plaster	90
79	Roof Room No. 3 Second Floor	Peeling of Plaster	91
80	Wall No. 4 Room No. 1 Second Floor	Dampness/Seepage	92
81	Wall No. 2 Room No. 2 Second Floor	Peeling of Plaster	93
82	Wall No. 2, 4 & Roof Room No. 2 Second Floor	Dampness/Seepage	94
83	Wall No. 1 & Roof Room No. 2 Second Floor	Dampness/Seepage	95
84	Wall No. 4 Room No. 3 Second Floor	Dampness/Seepage	96
85	Wall No. 5 Room No. 3 Second Floor	Dampness/Seepage	97
86	Wall No. 6 Room No. 3 Second Floor	Dampness/Seepage	98
87	Wall No. 4 Store Second Floor	Dampness/Seepage	99
88	Wall No. 2 & 4 Room No. 5 Second Floor	Dampness/Seepage	100
89	Roof Part A of H. No.2193 First Floor	Peeling of Plaster	101
90	Roof Part A of H. No.2193 First Floor	Peeling of Plaster	102
91	Perapet Wall Part A of H. No.2193 First Floor	Peeling of Plaster	103

92	Part A of H. No.2193 First Floor	Peeling of Plaster	104
93	Part A of H. No.2193 First Floor	Peeling of Plaster	105
94	Part A of H. No.2193 First Floor	Peeling of Plaster	106
95	Wall No. 4 Gallery Ground Floor	Dampness/Seepage	107
96	Wall No. 2 & Roof Gallery Ground Floor	Dampness/Seepage	108
97	Wall No. 4 & 5 Passage Ground Floor	Dampness/Seepage	109
98	Wall No. 1 Lobby Ground Floor	Dampness/Seepage	110
99	Wall No. 2 & 4 Toilet No. 1 Ground Floor	Dampness/Seepage	111
100	Wall No. 4 & Roof Bathroom No. Ground Floor	Dampness/Seepage	112
101	Wall No. 1 Hall No. 1 Ground Floor	Peeling of Plaster	113
102	Wall No. 4 Hall No. 1 Ground Floor	Peeling of Plaster	114
103	Wall No. 2 Hall No. 1 Ground Floor	Peeling of Plaster	115
104	Wall No. 3 Hall No. 1 Ground Floor	Peeling of Plaster	116
105	Wall No. 2 Open Sky No.2 Ground Floor	Peeling of Plaster	117
106	Wall No. 4 Open Sky No.2 Ground Floor	Peeling of Plaster	118
107	Wall No. 4 Open Sky No.2 Ground Floor	Peeling of Plaster	119
108	All Walls Open Sky No.1 Ground Floor	Dampness/Seepage	120
109	Outer Wall External Façade of Part B House No.2193, Ground Floor	Peeling of Plaster	121
110	Outer Wall External Façade of Part B House No.2193, Ground Floor	Dampness/Seepage	122
111	Shade External Façade of Part B House No.2193, Ground Floor	Damaged Portion	123
112	Outer Wall External Façade of Part B House No.2193, Ground Floor	Peeling of Plaster	124
113	Shade External Façade of Part B House No.2193, First Floor	Damaged Portion	125
114	Outer Wall External Façade of Part A House No.2193, Ground Floor	Peeling of Plaster	126
115	Outer Wall External Façade of Part A House No.2193, Ground Floor	Peeling of Plaster	127
116	Outer Wall External Façade of Part A House No.2193, Ground Floor	Peeling of Plaster	128
117	Outer Wall External Façade of Part A House No.2193, Ground Floor	Peeling of Plaster	129
118	Outer Wall External Façade of Part A House No.2193, Ground Floor	Dampness/Seepage	130
119	Outer Wall External Façade of Part B House No.2193, First Floor	Dampness/Seepage	131
120	Outer Wall External Façade of Part B House No.2193, Ground Floor	Peeling of Plaster	132
121	Outer Wall External Façade of Part B House No.2193, Ground Floor	Dampness/Seepage	133
122	Outer Wall External Façade of Part B House No.2193, Ground Floor	Dampness/Seepage	134
123	Outer Wall External Façade of Part B House No.2193, Ground Floor	Peeling of Plaster	135
124	Shade External Façade of Part B House No.2193, Second Floor	Damaged Portion	136
125	Outer Wall External Façade of Part B House No.2193, Second Floor	Plaster Crack	137
126	Outer Wall External Façade of Part B House No.2193, Second Floor	Damaged Portion	138
127	Outer Wall External Façade of Part B House No.2193, Second Floor	Peeling of Plaster	139
128	Outer Wall External Façade of Part B House No.2193, Second Floor	Peeling of Plaster	140
129	Wall No. 4 Shop Jain Mishtan Bhandar Ground Floor	Peeling of Plaster	141
130	Wall No. 4 Shop Dilip Repairing Center Ground Floor	Peeling of Plaster	142
131	Floor Shop Dilip Repairing Center Ground Floor	Peeling of Plaster	143
132	Wall No. 1 Shop Dilip Repairing Center Ground Floor	Peeling of Plaster	144
133	Wall No. 2 Shop Dilip Repairing Center Ground Floor	Peeling of Plaster	145
134	Wall No. 2 & 4 Shop Rehan Textile Ground Floor	Dampness/Seepage	146
135	Wall No. 4 Shop Rehan Textile Ground Floor	Peeling of Plaster	147

136	Wall No. 2 Shop Jai Hind Floor Mills Ground Floor	Damaged Portion	148
137	Wall No. 2 Shop Jai Hind Floor Mills Ground Floor	Peeling of Plaster	149
138	Wall No. 1 Shop Jai Hind Floor Mills Ground Floor	Peeling of Plaster	150
139	Wall No. 1 & 4 Shop Jai Hind Floor Mills Ground Floor	Peeling of Plaster	151
140	Roof Shop Jai Hind Floor Mills Ground Floor	Peeling of Plaster	152
141	Roof Shop Jai Hind Floor Mills Ground Floor	Peeling of Plaster	153
142	Wall No. 3 Shop Jai Hind Floor Mills Ground Floor	Dampness/Seepage	154
143	Wall No. 3 Shop Jai Hind Floor Mills Ground Floor	Dampness/Seepage	155
144	Roof & 2 Shop Babu Bhai Pan Bhandar Ground Floor	Dampness/Seepage	156
145	Wall No. 3, 2 & Roof Shop Babu Bhai Pan Bhandar Ground Floor	Dampness/Seepage	157
146	Wall No. 3 Shop Babu Bhai Pan Bhandar Ground Floor	Damaged Portion	158
147	Wall No. 1 Shop Babu Bhai Pan Bhandar Ground Floor	Peeling of Plaster	159

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Hall No. 1 Second Floor	Locked	160
2	Hall No. 3 Second Floor	Locked	161
3	Godown Ground Floor	Locked	162
4	All Walls Store Ground Floor	Covered with Material	163
5	All Walls Shop Jain Mishtan Bhandar Ground Floor	Covered With Material	164
6	Wall No. 1, 2 & 4 Shop Rehan Textile Ground Floor	Covered With Material	165





Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
View of Part B of House No. 2193



Photo 2  
View of Store, Ground Floor



Photo 3  
View of First Floor, First Floor



Photo 4  
View of First Floor, First Floor



Photo 5  
View of Hall No.1, First Floor



Photo 6  
View of Part A of House No. 2193, House No.2193, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7  
View of Shop Jain Mishtan Bhandar, Ground Floor



Photo 8  
View of Dilip Repairing Center, Ground Floor



Photo 9  
View of Rehan Textile, Ground Floor



Photo 10  
View of Shop Jai Hind Floor Mills, Ground Floor



Photo 11  
Ground Floor



Photo 12  
View of Shop Babu Pan Bhandar, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Inclined Crack on Roof of Hall No. 4, First Floor  
Approx. Width = 0.4mm, Approx. Length = 1m.  
Distance from Wall No.2 = 2.2m, Height from Floor = 2.2m.



Photo 13A

Inclined Crack on Roof of Hall No. 4, First Floor  
Approx. Width = 0.4mm, Approx. Length = 1m.  
Distance from Wall No.2 = 2.2m, Height from Floor = 2.2m.



Photo 14

Inclined Crack on Roof of Hall No. 6, First Floor  
Approx. Width = 0.5mm, Approx. Length = 2m.



Photo 15

Inclined Crack on Wall No. 1 of Room No. 1, Second Floor  
Approx. Width = 0.35mm, Approx. Length = 1.1m.  
Distance from Wall No.3 = 1.3m, Height from Floor = 0m.



Photo 15A

Inclined Crack on Wall No. 1 of Room No. 1, Second Floor  
Approx. Width = 0.35mm, Approx. Length = 1.1m.  
Distance from Wall No.3 = 1.3m, Height from Floor = 0m.

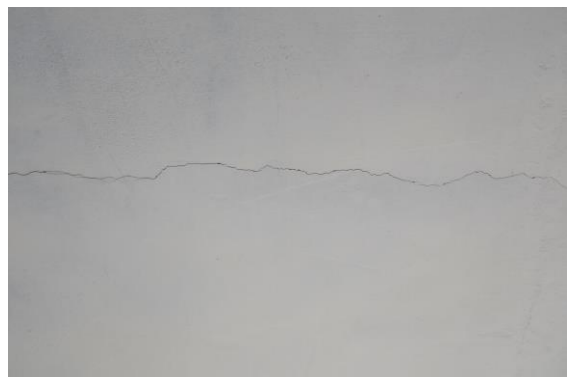


Photo 16

Horizontal Crack on Roof of Room No. 2, Second Floor  
Approx. Width = 0.4mm, Approx. Length = 1.9m.  
Distance from Wall No.3 = 1.6m, Height from Floor = 2.5m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

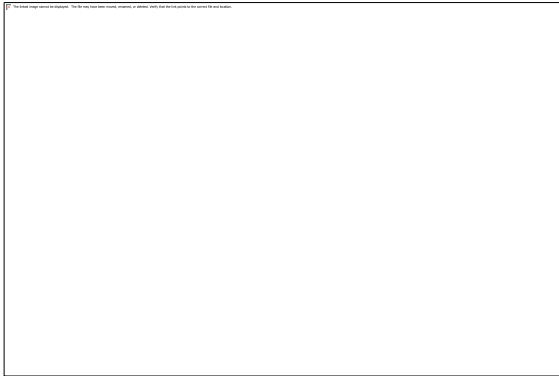


Photo 17

Inclined Crack on Roof of Toilet No. Toilet & Bathroom No.3, Second Floor, Approx. Width = 0.3mm, Approx. Length = 2m.



Photo 18

Inclined Crack on Roof of Room No. 1, Second Floor  
Approx. Width = 0.3mm, Approx. Length = 1m.



Photo 19

Inclined Crack on Roof of Room No. 2, Second Floor  
Approx. Width = 0.4mm, Approx. Length = 2m.



Photo 20

Inclined Crack on Wall No. 2 of Room No. 2, Second Floor  
Approx. Width = 0.4mm, Approx. Length = 1.3m.  
Distance from Wall No.3 = 1m, Height from Floor = 2.1m.



Photo 21

Inclined Crack on Wall No. 4 of Room No. 3, Second Floor  
Approx. Width = 0.5mm, Approx. Length = 2m.



Photo 22

Inclined Crack on Wall No. 5 of Room No. 3, Second Floor  
Approx. Width = 0.8mm, Approx. Length = 1.2m.  
Distance from Wall No.6 = 1.1m, Height from Floor = 2m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 22A

Inclined Crack on Wall No. 5 of Room No. 3, Second Floor  
Approx. Width = 0.8mm, Approx. Length = 1.2m.  
Distance from Wall No.6 = 1.1m, Height from Floor = 2m.

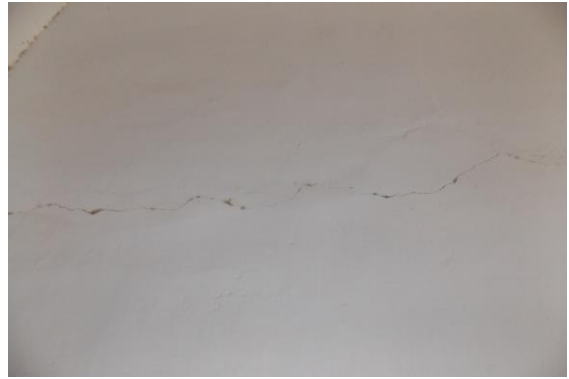


Photo 23

Inclined Crack on Wall No. 2 of Room No. 3, Second Floor  
Approx. Width = 0.5mm, Approx. Length = 1.6m.  
Distance from Wall No.4 = 0m, Height from Floor = 1.9m.



Photo 23A

Inclined Crack on Wall No. 2 of Room No. 3, Second Floor  
Approx. Width = 0.5mm, Approx. Length = 1.6m.  
Distance from Wall No.4 = 0m, Height from Floor = 1.9m.

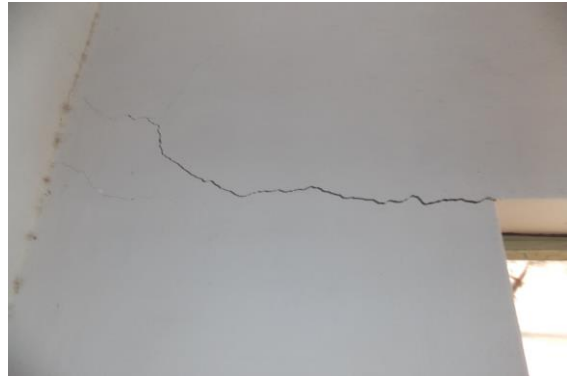


Photo 24

Inclined Crack on Wall No. 3 of Room No. 3, Second Floor  
Approx. Width = 2.5mm, Approx. Length = 0.8m.  
Distance from Wall No.2 = 0.4m, Height from Floor = 1.9m.



Photo 24A

Inclined Crack on Wall No. 3 of Room No. 3, Second Floor  
Approx. Width = 2.5mm, Approx. Length = 0.8m.  
Distance from Wall No.2 = 0.4m, Height from Floor = 1.9m.



Photo 25

Horizontal Crack on Wall No. 3 of Part A of H. No.2193, Second Floor, Approx. Width = 4mm, Approx. Length = 0.3m.  
Distance from Wall No.2 = 1.3m, Height from Floor = 1.9m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 25A

Horizontal Crack on Wall No. 3 of Part A of H. No.2193, Second Floor, Approx. Width = 4mm, Approx. Length = 0.3m.  
Distance from Wall No.2 = 1.3m, Height from Floor = 1.9m.



Photo 26

Inclined Crack on Wall No. 3 of Room No. 3, Second Floor  
Approx. Width = 1mm, Approx. Length = 1m.  
Distance from Wall No.1 = 0.25m, Height from Floor = 1.9m.

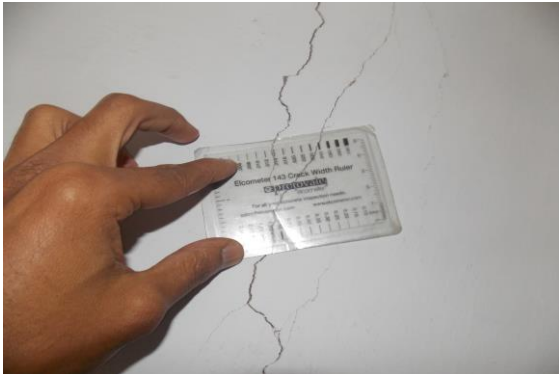


Photo 26A

Inclined Crack on Wall No. 3 of Room No. 3, Second Floor  
Approx. Width = 1mm, Approx. Length = 1m.  
Distance from Wall No.1 = 0.25m, Height from Floor = 1.9m.



Photo 27

Inclined Crack on Wall No. 3 of Room No. 3, Second Floor  
Approx. Width = 2mm, Approx. Length = 1m.  
Distance from Wall No.1 = 0.3m, Height from Floor = 2.6m.



Photo 28

Horizontal Crack on Wall No. 2 & 3 of Room No. 3, Second Floor  
Approx. Width = 2mm, Approx. Length = 0.6m.  
Distance from Wall No.2 = 0.4m, Height from Floor = 2.6m.



Photo 29

Horizontal Crack on Wall No. 3 of Room No. 4, Second Floor  
Approx. Width = 1mm, Approx. Length = 0.4m.  
Distance from Wall No.1 = 0m, Height from Floor = 2.6m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 30

Inclined Crack on Wall No. 2 & 4 of Room No. 5, Second Floor  
Approx. Width = 1.5mm, Approx. Length = 3m.  
Distance from Wall No.1 = 1.7m, Height from Floor = 0.6m.



Photo 30A

Inclined Crack on Wall No. 2 & 4 of Room No. 5, Second Floor  
Approx. Width = 1.5mm, Approx. Length = 3m.  
Distance from Wall No.1 = 1.7m, Height from Floor = 0.6m.



Photo 30A

Inclined Crack on Wall No. 2 & 4 of Room No. 5, Second Floor  
Approx. Width = 1.5mm, Approx. Length = 3m.  
Distance from Wall No.1 = 1.7m, Height from Floor = 0.6m.



Photo 31

Inclined Crack on Wall No. 3 of Room No. 5, Second Floor  
Approx. Width = 2mm, Approx. Length = 1m.  
Distance from Wall No.1 = 0.8m, Height from Floor = 0.6m.



Photo 31A

Inclined Crack on Wall No. 3 of Room No. 5, Second Floor  
Approx. Width = 2mm, Approx. Length = 1m.  
Distance from Wall No.1 = 0.8m, Height from Floor = 0.6m.



Photo 32

Inclined Crack on Wall No. 4 of Room No. 5, Second Floor  
Approx. Width = 0.6mm, Approx. Length = 1.1m.  
Distance from Wall No.1 = 0.8m, Height from Floor = 0m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 32A

Inclined Crack on Wall No. 4 of Room No. 5, Second Floor  
Approx. Width = 0.6mm, Approx. Length = 1.1m.  
Distance from Wall No.1 = 0.8m, Height from Floor = 0m.



Photo 33

Inclined Crack on Wall No. 1 of Room No. 5, Second Floor  
Approx. Width = 1mm, Approx. Length = 0.6m.  
Distance from Wall No.3 = 0.25m, Height from Floor = 1.9m.

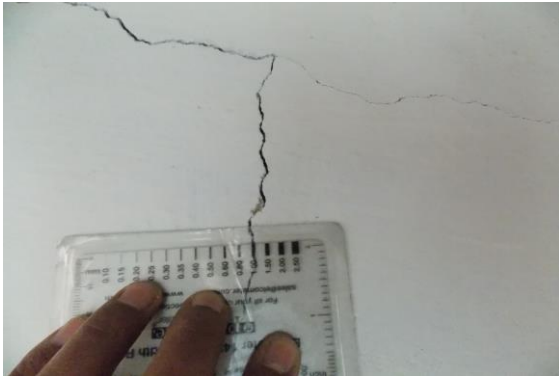


Photo 33A

Inclined Crack on Wall No. 1 of Room No. 5, Second Floor  
Approx. Width = 1mm, Approx. Length = 0.6m.  
Distance from Wall No.3 = 0.25m, Height from Floor = 1.9m.



Photo 34

Inclined Crack on Wall No. 3 of Room No. 5, Second Floor  
Approx. Width = 2.5mm, Approx. Length = 0.6m.  
Distance from Wall No.1 = 0.15m, Height from Floor = 1.9m.



Photo 34A

Inclined Crack on Wall No. 3 of Room No. 5, Second Floor  
Approx. Width = 2.5mm, Approx. Length = 0.6m.  
Distance from Wall No.1 = 0.15m, Height from Floor = 1.9m.



Photo 35

Horizontal Crack on Wall No. 3 of Room No. 5, Second Floor  
Approx. Width = 4mm, Approx. Length = 1.3m.  
Distance from Wall No.2 = 1.2m, Height from Floor = 1.9m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 35A

Horizontal Crack on Wall No. 3 of Room No. 5, Second Floor  
Approx. Width = 4mm, Approx. Length = 1.3m.  
Distance from Wall No.2 = 1.2m, Height from Floor = 1.9m.



Photo 36

Inclined Crack on of Part A of H. No.2193, First Floor  
Approx. Width = 0.5mm, Approx. Length = 5m.  
Distance from Wall No.2 = 2.5m, Height from Floor = 2m.



Photo 36A

Inclined Crack on of Part A of H. No.2193, First Floor  
Approx. Width = 0.5mm, Approx. Length = 5m.  
Distance from Wall No.2 = 2.5m, Height from Floor = 2m.



Photo 37

Inclined Crack on of Part A of H. No.2193, First Floor  
Approx. Width = 0.5mm, Approx. Length = 0.8m.  
Distance from Wall No.2 = 1.6m, Height from Floor = 0.6m.



Photo 37A

Inclined Crack on of Part A of H. No.2193, First Floor  
Approx. Width = 0.5mm, Approx. Length = 0.8m.  
Distance from Wall No.2 = 1.6m, Height from Floor = 0.6m.



Photo 38

Inclined Crack on of Part A of H. No.2193, First Floor  
Approx. Width = 0.3mm, Approx. Length = 2m.  
Distance from Wall No.1 = 6m, Height from Floor = 1.7m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 38A

Inclined Crack on of Part A of H. No.2193, First Floor  
Approx. Width = 0.3mm, Approx. Length = 2m.  
Distance from Wall No.1 = 6m, Height from Floor = 1.7m.



Photo 39

Inclined Crack on Wall No. Perapet Wall of Part A of H. No.2193, First Floor, Approx. Width = 1mm, Approx. Length = 1m.  
Distance from Wall No.1 = 3.5m, Height from Floor = 0m.



Photo 39A

Inclined Crack on Wall No. Perapet Wall of Part A of H. No.2193, First Floor, Approx. Width = 1mm, Approx. Length = 1m.  
Distance from Wall No.1 = 3.5m, Height from Floor = 0m.



Photo 40

Inclined Crack on Wall No. 1 of Lobby, Ground Floor  
Approx. Width = 2mm, Approx. Length = 0.7m.  
Distance from Wall No.4 = 0.1m, Height from Floor = 1.9m.



Photo 41

Horizontal Crack on Wall No. 3 of Open Sky No.2, Ground Floor  
Approx. Width = 1mm, Approx. Length = 3.5m.  
Distance from Wall no.1 = 0.6m, Height from Floor = 2.6m.



Photo 42

Inclined Crack on Wall No. 1 of Open Sky No.2, Ground Floor  
Approx. Width = 4mm, Approx. Length = 1m.  
Distance from Wall No.3 = 0m, Height from Floor = 3m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 43

Inclined Crack on Wall No. 1 of Open Sky No.1, Ground Floor  
Approx. Width = 1.5mm, Approx. Length = 1.5m.  
Distance from Wall no.3 = 5.5m, Height from Floor = 1.5m.



Photo 43A

Inclined Crack on Wall No. 1 of Open Sky No.1, Ground Floor  
Approx. Width = 1.5mm, Approx. Length = 1.5m.  
Distance from Wall no.3 = 5.5m, Height from Floor = 1.5m.



Photo 44

Inclined Crack on Wall No. 1 of Open Sky No.1, Ground Floor  
Approx. Width = 0.6mm, Approx. Length = 3m.  
Distance from Wall No.3 = 3.5m, Height from Floor = 0m.



Photo 44A

Inclined Crack on Wall No. 1 of Open Sky No.1, Ground Floor  
Approx. Width = 0.6mm, Approx. Length = 3m.  
Distance from Wall No.3 = 3.5m, Height from Floor = 0m.



Photo 45

Inclined Crack on Outer Wall of External Façade of Part B, House No.2193, Second Floor, Approx. Width = 2.5mm, Approx. Length = 1.6m. Distance from Right External Wall = 2.7m, Height Floor = 9m.



Photo 46

Inclined Crack on Outer Wall of External Façade of Part B, House No.2193, Second Floor, Approx. Width = 1mm, Approx. Length = 2.8m. Distance from Right External Wall = 5m, Height Floor = 6m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 47

Horizontal Crack on Shade of External Façade of Part B, House No. 2193, Second Floor. Approx. Width = 5mm, Approx. Length = 1.7m. Distance from Left External Wall = 2m, Height Floor = 8m.



Photo 48

Horizontal Crack on Roof of Shop Jai Hind Floor Mills, Ground Floor, Approx. Width = 1mm, Approx. Length = 3m. Distance from Wall No. 1 = 0.1m, Height from Floor = 3m.



Photo 49

Horizontal Crack on Roof of Shop Jai Hind Floor Mills, Ground Floor, Approx. Width = 0.35mm, Approx. Length = 3m. Distance from Wall No. 1 = 0.4m, Height from Floor = 3m.



Photo 50

Horizontal Crack on Roof of Shop Jai Hind Floor Mills, Ground Floor, Approx. Width = 1mm, Approx. Length = 3m. Distance from Wall No. 1 = 0.1m, Height from Floor = 3m.

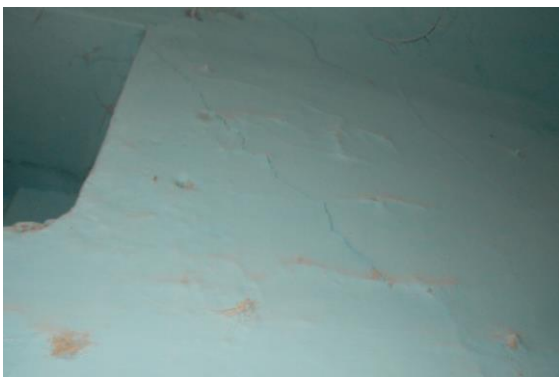


Photo 51

Inclined Crack on Wall No. 3 of Shop Jai Hind Floor Mills, Ground Floor, Approx. Width = 0.5mm, Approx. Length = 1m. Distance from Wall No. 1 = 1m, Height from Floor = 2.5m.



Photo 52

Damaged Portion on Wall No. 3 of Passage of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 53  
Damaged Portion on Wall No. 1 of Hall No. 1 of Ground Floor



Photo 54  
Dampness/Seepage on Wall No. 2 & 3 of Hall No. 1 of Ground Floor



Photo 55  
Peeling of Plaster on Wall No. 5 of Passage



Photo 56  
Dampness/Seepage on Wall No. 2 of Room No. 1 of Ground Floor



Photo 57  
Dampness/Seepage on All Walls & Roof of Room No. 2 of Ground Floor



Photo 58  
Dampness/Seepage on Wall No. 4 of Hall No. 2 of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 59

Damaged Portion on Wall No. 6 & 7 of Hall No. 2 of Ground Floor



Photo 60

Dampness/Seepage on Wall No. 4 of Room No. 3 of Ground Floor



Photo 61

Dampness/Seepage on Wall No. 1 of Room No. 3 of Ground Floor



Photo 62

Damaged Portion on Wall No. 3 of Room No. 3 of Ground Floor



Photo 63

Dampness/Seepage on Wall No. 4 of Room No. 5 of Ground Floor



Photo 64

Peeling of Plaster on Wall No. 4 of Hall No. 3 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 65

Dampness/Seepage on Wall No. 1 & 4 of Hall No. 3 of Ground Floor



Photo 66

Dampness/Seepage on Wall No. 2 & 4 of Hall No. 3 of Ground Floor



Photo 67

Peeling of Plaster on Roof of Hall No. 3 of Ground Floor



Photo 68

Dampness/Seepage on All Walls & Roof of Room No. 6 of Ground Floor



Photo 69

Dampness/Seepage on Wall No. 4 of Room No. 7 of Ground Floor



Photo 70

Dampness/Seepage on Wall No. 2 & 4 of Hall No. 4 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 71

Dampness/Seepage on Wall No. 1 & 3 of Room No. 8 of Ground Floor



Photo 72

Dampness/Seepage on Wall No. 4 of Room No. 9 of Ground Floor



Photo 73

Peeling of Plaster on All Walls of Open Sky of Ground Floor



Photo 74

Peeling of Plaster on All Walls of Open Sky of Ground Floor



Photo 75

Dampness/Seepage on Wall No. 1, 4 & Roof of Hall No. 3 of First Floor



Photo 76

Dampness/Seepage on Wall No. 2, 3 & Roof of Room No. 4 of First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 77

Dampness/Seepage on Wall No. 2 & Roof of Hall No. 5 of First Floor



Photo 78

Dampness/Seepage on Wall No. 2, 4 & Roof of Room No. 1 of Second Floor



Photo 79

Dampness/Seepage on Wall No. 1, 3 & Roof of Room No. 1 of Second Floor



Photo 80

Dampness/Seepage on Wall No. 1, 2, 4 & Roof of Room No. 2 of Second Floor



Photo 81

Dampness/Seepage on Wall No. 1, 4 & Roof of Toilet No. 1 of Second Floor



Photo 82

Dampness/Seepage on Wall No. 2, 4 & Roof of Bathroom of Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 83  
Peeling of Plaster on Roof of Hall No. 3 of Second Floor



Photo 84  
Peeling of Plaster on Wall No. 3 of Hall No. 3 of Second Floor



Photo 85  
Dampness/Seepage on Wall No. 2, 4 & Roof of Room No. 4 of Second Floor



Photo 86  
Dampness/Seepage on Wall No. 4 & Roof of Toilet No. Toilet & Bathroom No.3 of Second Floor



Photo 87  
Damaged Portion on Wall No. 4 of Toilet & Bathroom No.3 of Second Floor



Photo 88  
Peeling of Plaster on Wall No. 3 of Room No. 3 of Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 89

Peeling of Plaster on Wall No. 2 of Room No. 3 of Second Floor



Photo 90

Peeling of Plaster on Wall No. 1 of Room No. 3 of Second Floor



Photo 91

Peeling of Plaster on Roof of Room No. 3 of Second Floor

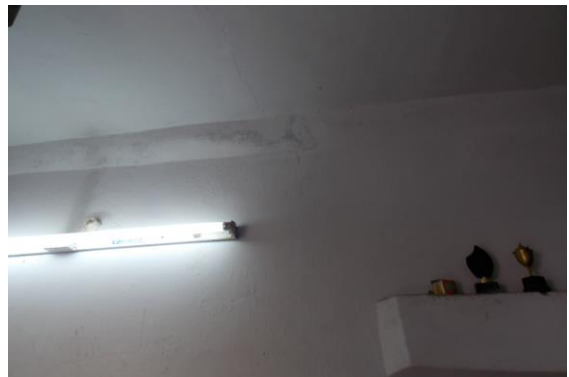


Photo 92

Dampness/Seepage on Wall No. 4 of Room No. 1 of Second Floor



Photo 93

Peeling of Plaster on Wall No. 2 of Room No. 2 of Second Floor



Photo 94

Dampness/Seepage on Wall No. 2, 4 & Roof of Room No. 2 of Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

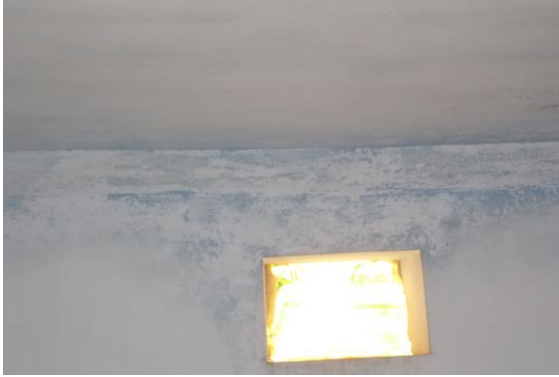


Photo 95

Dampness/Seepage on Wall No. 1 & Roof of Room No. 2 of Second Floor



Photo 96

Dampness/Seepage on Wall No. 4 of Room No. 3 of Second Floor



Photo 97

Dampness/Seepage on Wall No. 5 of Room No. 3 of Second Floor



Photo 98

Dampness/Seepage on Wall No. 6 of Room No. 3 of Second Floor



Photo 99

Dampness/Seepage on Wall No. 4 of Store of Second Floor



Photo 100

Dampness/Seepage on Wall No. 2 & 4 of Room No. 5 of Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 101

Peeling of Plaster on Roof of Part A of H. No.2193 of First Floor



Photo 102

Peeling of Plaster on Roof of Part A of H. No.2193 of First Floor



Photo 103

Peeling of Plaster on Perapet Wall of Part A of H. No.2193 of First Floor



Photo 104

Peeling of Plaster on of Part A of H. No.2193 of First Floor



Photo 105

Peeling of Plaster on of Part A of H. No.2193 of First Floor



Photo 106

Peeling of Plaster on of Part A of H. No.2193 of First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 107  
Dampness/Seepage on Wall No. 4 of Gallery of Ground Floor



Photo 108  
Dampness/Seepage on Wall No. 2 & Roof of Gallery of Ground Floor



Photo 109  
Dampness/Seepage on Wall No. 4 & 5 of Passage of Ground Floor



Photo 110  
Dampness/Seepage on Wall No. 1 of Lobby of Ground Floor



Photo 111  
Dampness/Seepage on Wall No. 2 & 4 of Toilet No. 1 of Ground Floor



Photo 112  
Dampness/Seepage on Wall No. 4 & Roof of Bathroom of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 113  
Peeling of Plaster on Wall No. 1 of Hall No. 1 of Ground Floor



Photo 114  
Peeling of Plaster on Wall No. 4 of Hall No. 1 of Ground Floor



Photo 115  
Peeling of Plaster on Wall No. 2 of Hall No. 1 of Ground Floor



Photo 116  
Peeling of Plaster on Wall No. 3 of Hall No. 1 of Ground Floor



Photo 117  
Peeling of Plaster on Wall No. 2 of Open Sky No.2 of Ground Floor



Photo 118  
Peeling of Plaster on Wall No. 4 of Open Sky No.2 of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 119

Peeling of Plaster on Wall No. 4 of Open Sky No.2 of Ground Floor



Photo 120

Dampness/Seepage on All Walls of Open Sky No.1 of Ground Floor



Photo 121

Peeling of Plaster on Outer Wall of External Façade of Part B of House No.2193, Ground Floor



Photo 122

Dampness/Seepage on Outer Wall of External Façade of Part B of House No.2193, Ground Floor



Photo 123

Damaged Portion on Shade of External Façade of Part B of House No.2193, Ground Floor



Photo 124

Peeling of Plaster on Outer Wall of External Façade of Part B of House No.2193, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 125

Damaged Portion on Shade of External Façade of Part B of House No.2193, First Floor



Photo 126

Peeling of Plaster on Outer Wall of External Façade of Part A of House No.2193, Ground Floor



Photo 127

Peeling of Plaster on Outer Wall of External Façade of Part A of House No.2193, Ground Floor



Photo 128

Peeling of Plaster on Outer Wall of External Façade of Part A of House No.2193, Ground Floor



Photo 129

Peeling of Plaster on Outer Wall of External Façade of Part A of House No.2193, Ground Floor



Photo 130

Dampness/Seepage on Outer Wall of External Façade of Part A of House No.2193, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 131

Dampness/Seepage on Outer Wall of External Façade of Part B of House No.2193, First Floor



Photo 132

Peeling of Plaster on Outer Wall of External Façade of Part B of House No.2193, Ground Floor



Photo 133

Dampness/Seepage on Outer Wall of External Façade of Part B of House No.2193, Ground Floor



Photo 134

Dampness/Seepage on Outer Wall of External Façade of Part B of House No.2193, Ground Floor



Photo 135

Peeling of Plaster on Outer Wall of External Façade of Part B of House No.2193, Ground Floor



Photo 136

Damaged Portion on Shade of External Façade of Part B of House No.2193, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 137

Plaster Crack on Outer Wall of External Façade of Part B of House No.2193, Second Floor



Photo 138

Damaged Portion on Outer Wall of External Façade of Part B of House No.2193, Second Floor



Photo 139

Peeling of Plaster on Outer Wall of External Façade of Part B of House No.2193, Second Floor



Photo 140

Peeling of Plaster on Outer Wall of External Façade of Part B of House No.2193, Second Floor



Photo 141

Peeling of Plaster on Wall No. 4 of Shop Jain Mishtan Bhandar of Ground Floor



Photo 142

Peeling of Plaster on Wall No. 4 of Shop Dilip Repairing Center of Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 143

Peeling of Plaster on Floor of Shop Dilip Repairing Center of Ground Floor



Photo 144

Peeling of Plaster on Wall No. 1 of Shop Dilip Repairing Center of Ground Floor



Photo 145

Peeling of Plaster on Wall No. 2 of Shop Dilip Repairing Center of Ground Floor



Photo 146

Dampness/Seepage on Wall No. 2 & 4 of Shop Rehan Textile of Ground Floor



Photo 147

Peeling of Plaster on Wall No. 4 of Shop Rehan Textile of Ground Floor



Photo 148

Damaged Portion on Wall No. 2 of Shop Jai Hind Floor Mills of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 149

Peeling of Plaster on Wall No. 2 of Shop Jai Hind Floor Mills of Ground Floor



Photo 150

Peeling of Plaster on Wall No. 1 of Shop Jai Hind Floor Mills of Ground Floor



Photo 151

Peeling of Plaster on Wall No. 1 & 4 of Shop Jai Hind Floor Mills of Ground Floor



Photo 152

Peeling of Plaster on Roof of Shop Jai Hind Floor Mills of Ground Floor



Photo 153

Peeling of Plaster on Roof of Shop Jai Hind Floor Mills of Ground Floor



Photo 154

Dampness/Seepage on Wall No. 3 of Shop Jai Hind Floor Mills of Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

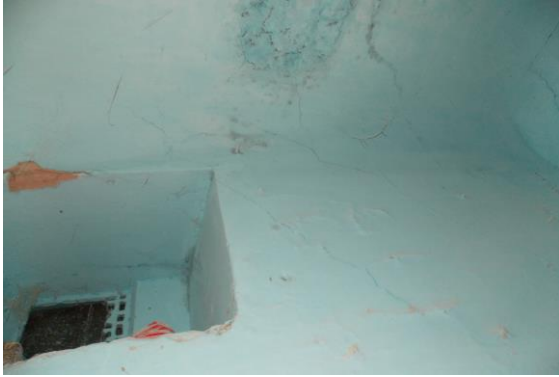


Photo 155

Dampness/Seepage on Wall No. 3 of Shop Jai Hind Floor Mills of Ground Floor



Photo 156

Dampness/Seepage on Roof & Wall No. 2 of Shop Babu Bhai Pan Bhandar of Ground Floor



Photo 157

Dampness/Seepage on Wall No. 3, 2 & Roof of Shop Babu Bhai Pan Bhandar of Ground Floor



Photo 158

Damaged Portion on Wall No. 3 of Shop Babu Bhai Pan Bhandar of Ground Floor



Photo 159

Peeling of Plaster on Wall No. 1 of Shop Babu Bhai Pan Bhandar of Ground Floor



Photo 160

Hall No. 1 of Second Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations from from Chandpole to Bari Chouper and reversal line



Photo 161  
Hall No. 3 of Second Floor Locked



Photo 162  
Godown of Ground Floor Locked



Photo 163  
All Walls of Store of Ground Floor Covered with Material



Photo 164  
All Walls of Shop Jain Mishtan Bhandar of Ground Floor Covered With Material



Photo 165  
Wall No. 1, 2 & 4 of Shop Rehan Textile of Ground Floor Covered With Material

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 2198  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0029

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0029/01, Rev. 00, Dated: January 2014

Building Owner  
Contractor

Mr. Shahid  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	03/01/2014	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1815 and is 198 years old.

There are 176 defects in the structure out of which 17 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	4	23.53%
Slight (1 to 5mm)	13	76.47%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 1.31mm and average length of cracks is 2.08m. The maximum crack width is 2.5mm and minimum width is 0.8mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0029			

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 2198
2	Building Address	House No. 2198 Ram Ganj Market Jaipur
3	Year of Construction	1815
4	Number of Floors	G+2
5	Number of Basements	None
6	Type of Building	Residential + Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	198 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Wall No. 1 Toilet No. 3 House No. 2198, First Floor	Inclined	1.5	0.8	Slight	4
2	Wall No. Roof & 1 Toilet No. 3 House No. 2198, First Floor	Inclined	2.5	3	Slight	5
3	Wall No. 4 Toilet No. 3 House No. 2198, First Floor	Inclined	1	1.2	Slight	6
4	Wall No. 4 Toilet No. 3 House No. 2198, First Floor	Inclined	1	1.2	Slight	7
5	Wall No. 3 & Roof Open Sky 2 House No. 2198, First Floor	Inclined	2	1.9	Slight	8
6	Wall No. 1 Toilet No. 5 House No. 2198, First Floor	Inclined	2	1.5	Slight	9
7	Wall No. 1 Toilet No. 5 House No. 2198, First Floor	Inclined	2	1.5	Slight	10
8	Wall No. 1 Toilet No. 4 House No. 2198, First Floor	Inclined	0.8	2.5	Very Slight	11
9	Wall No. 1 Toilet No. 4 House No. 2198, First Floor	Inclined	0.8	2.5	Very Slight	12
10	Wall No. 4 Toilet No. 10 House No. 2198, First Floor	Inclined	1	3.5	Slight	13
11	Wall No. 4 Toilet No. 10 House No. 2198, First Floor	Inclined	1	3.5	Slight	14
12	Wall No. 3 Toilet No. 10 House No. 2198, First Floor	Inclined	1	2	Slight	15
13	Wall No. 3 Toilet No. 10 House No. 2198, First Floor	Inclined	1	2	Slight	16
14	Wall No. 1 Open Sky 1 House No. 2198, First Floor	Inclined	1.5	3.5	Slight	17
15	Wall No. 1 Open Sky 1 House No. 2198, First Floor	Inclined	1.5	3.5	Slight	18
16	Wall No. 2 Open Sky 1 House No. 2198, First Floor	Inclined	0.8	0.6	Very Slight	19
17	Wall No. 2 Open Sky 1 House No. 2198, First Floor	Inclined	0.8	0.6	Very Slight	20

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
18	Wall No. 1 Stair 1, Ground Floor to First Floor House No. 2198, First Floor	Peeling of Plaster	21
19	Wall No. 1 Stair 1, Ground Floor to First Floor House No. 2198, First Floor	Peeling of Plaster	22
20	Roof Stair 1, Ground Floor to First Floor House No. 2198, First Floor	Peeling of Plaster	23
21	Wall No. 2 Stair 1, Ground Floor to First Floor House No. 2198, First Floor	Peeling of Plaster	24
22	Wall No. 3 Stair 1, Ground Floor to First Floor House No. 2198, First Floor	Peeling of Plaster	25
23	Wall No. 4 Stair 1, Ground Floor to First Floor House No. 2198, First Floor	Peeling of Plaster	26
24	Wall No. 1 Stair 1, Ground Floor to First Floor House No. 2198, First Floor	Peeling of Plaster	27
25	Wall No. 2 Stair 1, Ground Floor to First Floor House No. 2198, First Floor	Peeling of Plaster	28
26	Wall No. 3 Stair 1, Ground Floor to First Floor House No. 2198, First Floor	Peeling of Plaster	29
27	Wall No. 1 Toilet No. 2 House No. 2198, First Floor	Peeling of Plaster	30
28	Wall No. 4 Toilet No. 2 House No. 2198, First Floor	Peeling of Plaster	31
29	Wall No. 2 Toilet No. 2 House No. 2198, First Floor	Peeling of Plaster	32
30	Wall No. 3 Toilet No. 2 House No. 2198, First Floor	Peeling of Plaster	33
31	Roof Toilet No. 2 House No. 2198, First Floor	Peeling of Plaster	34
32	Wall No. 4 Toilet No. 3 House No. 2198, First Floor	Peeling of Plaster	35
33	Wall No. 2 Toilet No. 3 House No. 2198, First Floor	Peeling of Plaster	36
34	Wall No. 3 Toilet No. 3 House No. 2198, First Floor	Peeling of Plaster	37
35	Roof Toilet No. 3 House No. 2198, First Floor	Peeling of Plaster	38



36	Wall No. 1 Lobby House No. 2198, First Floor	Peeling of Plaster	39
37	Wall No. 4 Lobby House No. 2198, First Floor	Peeling of Plaster	40
38	Wall No. 3 Lobby House No. 2198, First Floor	Peeling of Plaster	41
39	Wall No. 4 Toilet No. 12 House No. 2198, First Floor	Peeling of Plaster	42
40	Wall No. 2 Toilet No. 13 House No. 2198, First Floor	Peeling of Plaster	43
41	Wall No. 4 Store 1 House No. 2198, First Floor	Peeling of Plaster	44
42	Wall No. 1 Toilet No. 11 House No. 2198, First Floor	Peeling of Plaster	45
43	Wall No. 4 Toilet No. 11 House No. 2198, First Floor	Peeling of Plaster	46
44	Wall No. Floor Toilet No. 11 House No. 2198, First Floor	Peeling of Plaster	47
45	Wall No. 2 Store 2 House No. 2198, First Floor	Peeling of Plaster	48
46	Wall No. 4 Kitchen 2 House No. 2198, First Floor	Peeling of Plaster	49
47	Wall No. 3 & Roof of Kitchen 2 of House No. 2198, First Floor	Peeling of Plaster	50
48	Wall No. 3 & Roof of Store 3 of House No. 2198, First Floor	Peeling of Plaster	51
49	Wall No. 3 Open Sky 2 House No. 2198, First Floor	Peeling of Plaster	52
50	Sunshade Open Sky 2 House No. 2198, First Floor	Peeling of Plaster	53
51	Sunshade Open Sky 2 House No. 2198, First Floor	Peeling of Plaster	54
52	Sunshade Open Sky 2 House No. 2198, First Floor	Peeling of Plaster	55
53	Sunshade Open Sky 2 House No. 2198, First Floor	Peeling of Plaster	56
54	Wall No. 1 Parapit Wall House No. 2198, Second Floor	Peeling of Plaster	57
55	Wall No. 3 Parapit Wall House No. 2198, Second Floor	Damaged Portion	58
56	Wall No. 2 Hall No. 1 House No. 2198, First Floor	Peeling of Plaster	59
57	Wall No. 1 Hall No. 2 House No. 2198, First Floor	Peeling of Plaster	60
58	Wall No. 1 Hall No. 4 House No. 2198, First Floor	Peeling of Plaster	61
59	Wall No. 1 Toilet No. 5 House No. 2198, First Floor	Damaged Portion	62
60	Wall No. 4 Toilet No. 5 House No. 2198, First Floor	Peeling of Plaster	63
61	Roof Toilet No. 5 House No. 2198, First Floor	Plaster Crack	64
62	Wall No. 3 Toilet No. 5 House No. 2198, First Floor	Peeling of Plaster	65
63	Roof Toilet No. 6 House No. 2198, First Floor	Peeling of Plaster	66
64	Wall No. 3 Toilet No. 6 House No. 2198, First Floor	Peeling of Plaster	67
65	Wall No. 1 Store 1 House No. 2198, First Floor	Peeling of Plaster	68
66	Roof Store 1 House No. 2198, First Floor	Peeling of Plaster	69
67	Wall No. 4 Store 1 House No. 2198, First Floor	Peeling of Plaster	70
68	Roof Toilet No. 7 House No. 2198, First Floor	Peeling of Plaster	71
69	Wall No. 4 Toilet No. 7 House No. 2198, First Floor	Peeling of Plaster	72
70	Wall No. 3 Toilet No. 4 House No. 2198, First Floor	Peeling of Plaster	73
71	Wall No. 4 & Roof of Toilet No. 4 of House No. 2198, First Floor	Peeling of Plaster	74
72	Wall No. 4 & Roof Toilet No. 4 House No. 2198, First Floor	Peeling of Plaster	75
73	Wall No. \$ & Roof Toilet No. 4 House No. 2198, First Floor	Peeling of Plaster	76
74	Wall No. 1 Toilet No. 8 House No. 2198, First Floor	Peeling of Plaster	77
75	Wall No. 4 Toilet No. 8 House No. 2198, First Floor	Peeling of Plaster	78
76	Wall No. 2 Toilet No. 8 House No. 2198, First Floor	Dampness/Seepage	79
77	Wall No. 3 Toilet No. 8 House No. 2198, First Floor	Peeling of Plaster	80
78	Roof Toilet No. 8 House No. 2198, First Floor	Peeling of Plaster	81
79	Wall No. 2 & 4 Lobby 2 House No. 2198, First Floor	Peeling of Plaster	82
80	Wall No. 1 Toilet No. 15 House No. 2198, First Floor	Peeling of Plaster	83
81	Wall No. 2 Toilet No. 15 House No. 2198, First Floor	Peeling of Plaster	84
82	Wall No. 4 Toilet No. 15 House No. 2198, First Floor	Peeling of Plaster	85

83	Wall No. 3 Toilet No. 16 House No. 2198, First Floor	Peeling of Plaster	86
84	Wall No. 1 Toilet No. 16 House No. 2198, First Floor	Peeling of Plaster	87
85	Wall No. 4 Toilet No. 16 House No. 2198, First Floor	Peeling of Plaster	88
86	Wall No. 2 Toilet No. 16 House No. 2198, First Floor	Peeling of Plaster	89
87	Wall No. 4 Toilet No. 1 House No. 2198, First Floor	Peeling of Plaster	90
88	Wall No. 2 Toilet No. 1 House No. 2198, First Floor	Peeling of Plaster	91
89	Wall No. 1 Toilet No. 9 House No. 2198, First Floor	Peeling of Plaster	92
90	Wall No. 4 Toilet No. 9 House No. 2198, First Floor	Peeling of Plaster	93
91	Wall No. 2 Toilet No. 9 House No. 2198, First Floor	Peeling of Plaster	94
92	Roof Toilet No. 9 House No. 2198, First Floor	Peeling of Plaster	95
93	Wall No. 3 Toilet No. 9 House No. 2198, First Floor	Peeling of Plaster	96
94	Floor Toilet No. 9 House No. 2198, First Floor	Plaster Crack	97
95	Roof Toilet No. 10 House No. 2198, First Floor	Dampness/Seepage	98
96	Wall No. 2 & 3 Toilet No. 10 House No. 2198, First Floor	Peeling of Plaster	99
97	Wall No. 1 Open Sky 1 House No. 2198, First Floor	Peeling of Plaster	100
98	Wall No. 4 Open Sky 1 House No. 2198, First Floor	Peeling of Plaster	101
99	Wall No. 4 Open Sky 1 House No. 2198, First Floor	Peeling of Plaster	102
100	Wall No. 2 Open Sky 1 House No. 2198, First Floor	Peeling of Plaster	103
101	Wall No. 3 Parapit Wall House No. 2198, Second Floor	Damaged Portion	104
102	Wall No. 3 Parapit Wall House No. 2198, Second Floor	Damaged Portion	105
103	Wall No. 3 Parapit Wall House No. 2198, Second Floor	Damaged Portion	106
104	Sunshade & Roof House No. 2198, First Floor	Damaged Portion	107
105	Wall No. 3 Hall No. 1 House No. 2198, First Floor	Peeling of Plaster	108
106	Wall No. 1 Hall No. 1 House No. 2198, First Floor	Dampness/Seepage	109
107	Wall No. 4 Hall No. 1 House No. 2198, First Floor	Peeling of Plaster	110
108	Wall No. 2 Hall No. 1 House No. 2198, First Floor	Peeling of Plaster	111
109	Roof Hall No. 1 House No. 2198, First Floor	Peeling of Plaster	112
110	Wall No. 4 Hall No. 2 House No. 2198, First Floor	Dampness/Seepage	113
111	Roof Hall No. 2 House No. 2198, First Floor	Dampness/Seepage	114
112	Wall No. 3 Hall No. 2 House No. 2198, First Floor	Peeling of Plaster	115
113	Wall No. 3 Open Sky 3 House No. 2198, First Floor	Peeling of Plaster	116
114	Wall No. 1 Open Sky 3 House No. 2198, First Floor	Peeling of Plaster	117
115	Wall No. 1, 4 & Sunshade Open Sky 3 House No. 2198, First Floor	Peeling of Plaster	118
116	Wall No. 4 & Sunshade Open Sky 3 House No. 2198, First Floor	Peeling of Plaster	119
117	Wall No. 1 & Sunshade Open Sky 3 House No. 2198, First Floor	Peeling of Plaster	120
118	Wall No. 2 Open Sky 2 House No. 2198, First Floor	Plaster Crack	121
119	Wall No. 1 Stair First Floor to Second Floor House No. 2198, First Floor	Peeling of Plaster	122
120	Wall No. 2 Stair First Floor to Second Floor House No. 2198, First Floor	Peeling of Plaster	123
121	Wall No. 1, 4 & Roof Kitchen 1 House No. 2198, Second Floor	Dampness/Seepage	124
122	Wall No. 3 Kitchen 1 House No. 2198, Second Floor	Dampness/Seepage	125
123	Wall No. 1, 4 & Roof Kitchen 2 House No. 2198, Second Floor	Dampness/Seepage	126
124	Wall No. 3 Kitchen 2 House No. 2198, Second Floor	Peeling of Plaster	127
125	Roof Toilet No. 3 House No. 2198, Second Floor	Damaged Portion	128
126	Wall No. 4 Toilet No. 3 House No. 2198, Second Floor	Peeling of Plaster	129
127	Wall No. 2 & 4 Gallery House No. 2198, Second Floor	Damaged Portion	130
128	Wall No. 2 & 4 Gallery House No. 2198, Second Floor	Damaged Portion	131

129	Wall No. 4 Store 2 House No. 2198, Second Floor	Peeling of Plaster	132
130	Wall No. 3 Open Sky 4 House No. 2198, Second Floor	Peeling of Plaster	133
131	Wall No. 3 & Sunshade Open Sky 4 House No. 2198, Second Floor	Peeling of Plaster	134
132	Wall No. 3 & Sunshade Open Sky 4 House No. 2198, Second Floor	Peeling of Plaster	135
133	Wall No. 2 Open Sky 4 House No. 2198, Second Floor	Peeling of Plaster	136
134	Wall No. 4 Open Sky 5 House No. 2198, Second Floor	Peeling of Plaster	137
135	Wall No. 4 Toilet No. 2 House No. 2198, Second Floor	Damaged Portion	138
136	Roof Toilet No. 2 House No. 2198, Second Floor	Damaged Portion	139
137	Wall No. 1 Store 1 House No. 2198, Second Floor	Damaged Portion	140
138	Wall No. 2 Lobby 1 House No. 2198, Second Floor	Damaged Portion	141
139	Roof Lobby 1 House No. 2198, Second Floor	Damaged Portion	142
140	Wall No. 4 Bathroom No. House 2198, Second Floor	Peeling of Plaster	143
141	Wall No. 3 Stair Second Floor to Terrace House No. 2198, Second Floor	Peeling of Plaster	144
142	Wall No. 4 Stair Second Floor to Terrace House No. 2198, Second Floor	Damaged Portion	145
143	Roof Stair Second Floor to Terrace House No. 2198, Second Floor	Damaged Portion	146
144	Wall No. 2 & 4 Kitchen 3 House No. 2198, Second Floor	Peeling of Plaster	147
145	Wall No. 1 Kitchen 3 House No. 2198, Second Floor	Dampness/Seepage	148
146	Roof Toilet No. 6 House No. 2198, Second Floor	Peeling of Plaster	149
147	Roof Toilet No. 7 House No. 2198, Second Floor	Dampness/Seepage	150
148	Wall No. 4 Toilet No. 5 House No. 2198, Second Floor	Peeling of Plaster	151
149	Wall No. 1 & 4 Toilet No. 5 House No. 2198, Second Floor	Peeling of Plaster	152
150	Roof Toilet No. 4 House No. 2198, Second Floor	Peeling of Plaster	153
151	Wall No. 1 Toilet No. 4 House No. 2198, Second Floor	Peeling of Plaster	154
152	Wall No. 4 Toilet No. 4 House No. 2198, Second Floor	Peeling of Plaster	155
153	All wall Bathroom House No. 2198, Second Floor	Dampness/Seepage	156
154	All wall Terrace House No. 2198, Terrace	Damaged Portion	157
155	All wall Terrace House No. 2198, Terrace	Damaged Portion	158
156	All wall Terrace House No. 2198, Terrace	Damaged Portion	159
157	Parapit Wall Terrace House No. 2198, Terrace	Damaged Portion	160
158	Wall No. 1 Passage 1 House No. 2198, Ground Floor	Peeling of Plaster	161
159	Wall No. 2 Passage 1 House No. 2198, Ground Floor	Peeling of Plaster	162
160	Wall No. 1 Hall No. 2 House No. 2198, Ground Floor	Peeling of Plaster	163
161	Wall No. 4 Hall No. 2 House No. 2198, Ground Floor	Peeling of Plaster	164
162	Wall No. 2 Hall No. 2 House No. 2198, Ground Floor	Peeling of Plaster	165
163	Wall No. 3 Hall No. 2 House No. 2198, Ground Floor	Dampness/Seepage	166
164	Roof Hall No. 2 House No. 2198, Ground Floor	Dampness/Seepage	167
165	Wall No. 4 & Sunshade Open Sky House No. 2198, Ground Floor	Peeling of Plaster	168
166	Wall No. 1 & Sunshade Open Sky House No. 2198, Ground Floor	Damaged Portion	169
167	Wall No. 1 & Sunshade Open Sky House No. 2198, Ground Floor	Damaged Portion	170
168	Wall No. 3 & Sunshade Open Sky House No. 2198, Ground Floor	Damaged Portion	171
169	Wall No. 3 & Sunshade Open Sky House No. 2198, Ground Floor	Damaged Portion	172
170	Wall No. 2 & Sunshade Open Sky House No. 2198, Ground Floor	Damaged Portion	173



171	Wall No. 2 & Sunshade Open Sky House No. 2198, Ground Floor	Peeling of Plaster	174
172	Wall No. 2 & Sunshade Open Sky House No. 2198, Ground Floor	Peeling of Plaster	175
173	Wall No. 2 Open Sky House No. 2198, Ground Floor	Peeling of Plaster	176
174	Back Side Wall House No. 2198, First Floor	Peeling of Plaster	177
175	Back Side Wall House No. 2198, Ground Floor	Peeling of Plaster	178
176	Back Side Wall Gate House No. 2198, Ground Floor	Peeling of Plaster	179

Summary of Areas that Could not be Surveyed

Serial No.	Location	Description	Photo No.
1	Toilet No. 1 House No. 2198, First Floor	Locked	180
2	Toilet No. 1 House No. 2198, Second Floor	Locked	181
3	All wall Bathroom House No. 2198, Ground Floor	Covered with tiles	182
4	Toilet No. 1, 2 House No. 2198, Ground Floor	Locked	183
5	Hall No. 1 House No. 2198, Ground Floor	Locked	184
6	Hall No. 3 House No. 2198, Ground Floor	Locked	185
7	Stair 2 House No. 2198, Ground Floor	Locked	186
8	Hall No. 4 House No. 2198, Ground Floor	Locked	187
9	Hall No. 5 House No. 2198, Ground Floor	Locked	188



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1  
Front View of House No. 2198



Photo 2  
Back View of House No. 2198, House No. 2198, Ground Floor



Photo 3  
Back Side View of House No. 2198, House No. 2198, Ground Floor



Photo 4  
Inclined Crack on Wall No. 1 of Toilet No. 3, House No. 2198, First Floor  
Approx. Width = 1.5mm, Approx. Length = 0.8m. Distance from Wall No. 4 = 0.03m, Height from Floor = 2.3m.



Photo 5  
Inclined Crack on Wall No. Roof & 1 of Toilet No. 3, House No. 2198, First Floor  
Approx. Width = 2.5mm, Approx. Length = 3m. Distance from Wall No. 4 = 0.05m, Height from Floor = 2.4m.



Photo 6  
Inclined Crack on Wall No. 4 of Toilet No. 3, House No. 2198, First Floor  
Approx. Width = 1mm, Approx. Length = 1.2m. Distance from Wall No. 1 = 0.25m, Height from Floor = 1.6m.

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7

Inclined Crack on Wall No. 4 of Toilet No. 3, House No. 2198, First Floor  
Approx. Width = 1mm, Approx. Length = 1.2m. Distance from Wall No. 1 = 0.25m, Height from Floor = 1.6m.



Photo 8

Inclined Crack on Wall No. 3 & Roof of Open Sky 2, House No. 2198, First Floor  
Approx. Width = 2mm, Approx. Length = 1.9m. Distance from Wall No. 1 = 1.8m, Height from Floor = 2m.



Photo 9

Inclined Crack on Wall No. 1 of Toilet No. 5, House No. 2198, First Floor  
Approx. Width = 2mm, Approx. Length = 1.5m. Distance from Wall No. 3 = 0.9m, Height from Floor = 0.1m.



Photo 10

Inclined Crack on Wall No. 1 of Toilet No. 5, House No. 2198, First Floor  
Approx. Width = 2mm, Approx. Length = 1.5m. Distance from Wall No. 3 = 0.9m, Height from Floor = 0.1m.



Photo 11

Inclined Crack on Wall No. 1 of Toilet No. 4, House No. 2198, First Floor  
Approx. Width = 0.8mm, Approx. Length = 2.5m. Distance from Wall No. 4 = 0m, Height from Floor = 0.6m.



Photo 12

Inclined Crack on Wall No. 1 of Toilet No. 4, House No. 2198, First Floor  
Approx. Width = 0.8mm, Approx. Length = 2.5m. Distance from Wall No. 4 = 0m, Height from Floor = 0.6m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Inclined Crack on Wall No. 4 of Toilet No. 10, House No. 2198, First Floor Approx. Width = 1mm, Approx. Length = 3.5m. Distance from Wall No. 1 = 2.6m, Height from Floor = 0m.



Photo 14

Inclined Crack on Wall No. 4 of Toilet No. 10, House No. 2198, First Floor Approx. Width = 1mm, Approx. Length = 3.5m. Distance from Wall No. 1 = 2.6m, Height from Floor = 0m.



Photo 15

Inclined Crack on Wall No. 3 of Toilet No. 10, House No. 2198, First Floor Approx. Width = 1mm, Approx. Length = 2m. Distance from Wall No. 1 = 2m, Height from Floor = 0.4m.

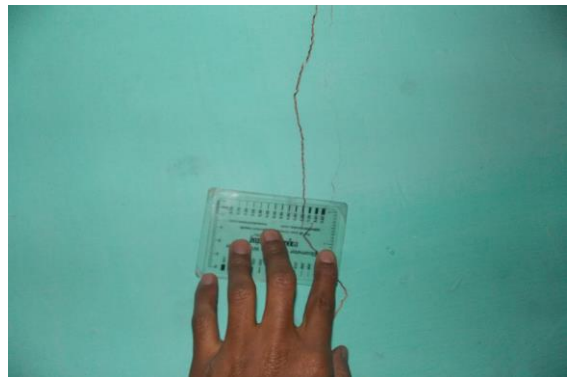


Photo 16

Inclined Crack on Wall No. 3 of Toilet No. 10, House No. 2198, First Floor Approx. Width = 1mm, Approx. Length = 2m. Distance from Wall No. 1 = 2m, Height from Floor = 0.4m.



Photo 17

Inclined Crack on Wall No. 1 of Open Sky 1, House No. 2198, First Floor Approx. Width = 1.5mm, Approx. Length = 3.5m. Distance from Wall No. 3 = 2.1m, Height from Floor = 0m.



Photo 18

Inclined Crack on Wall No. 1 of Open Sky 1, House No. 2198, First Floor Approx. Width = 1.5mm, Approx. Length = 3.5m. Distance from Wall No. 3 = 2.1m, Height from Floor = 0m.

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Photo 19

Inclined Crack on Wall No. 2 of Open Sky 1, House No. 2198, First Floor Approx. Width = 0.8mm, Approx. Length = 0.6m. Distance from Wall No. 4 = 0m, Height from Floor = 0.8m.



Photo 20

Inclined Crack on Wall No. 2 of Open Sky 1, House No. 2198, First Floor Approx. Width = 0.8mm, Approx. Length = 0.6m. Distance from Wall No. 4 = 0m, Height from Floor = 0.8m.



Photo 21

Peeling of Plaster on Wall No. 1 of Stair 1, Ground Floor to First Floor of House No. 2198, First Floor



Photo 22

Peeling of Plaster on Wall No. 1 of Stair 1, Ground Floor to First Floor of House No. 2198, First Floor



Photo 23

Peeling of Plaster on Roof of Stair 1, Ground Floor to First Floor of House No. 2198, First Floor



Photo 24

Peeling of Plaster on Wall No. 2 of Stair 1, Ground Floor to First Floor of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 25

Peeling of Plaster on Wall No. 3 of Stair 1, Ground Floor to First Floor of House No. 2198, First Floor



Photo 26

Peeling of Plaster on Wall No. 4 of Stair 1, Ground Floor to First Floor of House No. 2198, First Floor



Photo 27

Peeling of Plaster on Wall No. 1 of Stair 1, Ground Floor to First Floor of House No. 2198, First Floor



Photo 28

Peeling of Plaster on Wall No. 2 of Stair 1, Ground Floor to First Floor of House No. 2198, First Floor



Photo 29

Peeling of Plaster on Wall No. 3 of Stair 1, Ground Floor to First Floor of House No. 2198, First Floor



Photo 30

Peeling of Plaster on Wall No. 1 of Toilet No. 2 of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 31

Peeling of Plaster on Wall No. 4 of Toilet No. 2 of House No. 2198, First Floor



Photo 32

Peeling of Plaster on Wall No. 2 of Toilet No. 2 of House No. 2198, First Floor



Photo 33

Peeling of Plaster on Wall No. 3 of Toilet No. 2 of House No. 2198, First Floor



Photo 34

Peeling of Plaster on Roof of Toilet No. 2 of House No. 2198, First Floor



Photo 35

Peeling of Plaster on Wall No. 4 of Toilet No. 3 of House No. 2198, First Floor



Photo 36

Peeling of Plaster on Wall No. 2 of Toilet No. 3 of House No. 2198, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 37

Peeling of Plaster on Wall No. 3 of Toilet No. 3 of House No. 2198, First Floor



Photo 38

Peeling of Plaster on Roof of Toilet No. 3 of House No. 2198, First Floor



Photo 39

Peeling of Plaster on Wall No. 1 of Lobby of House No. 2198, First Floor



Photo 40

Peeling of Plaster on Wall No. 4 of Lobby of House No. 2198, First Floor



Photo 41

Peeling of Plaster on Wall No. 3 of Lobby of House No. 2198, First Floor



Photo 42

Peeling of Plaster on Wall No. 4 of Toilet No. 12 of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 43

Peeling of Plaster on Wall No. 2 of Toilet No. 13 of House No. 2198, First Floor



Photo 44

Peeling of Plaster on Wall No. 4 of Store 1 of House No. 2198, First Floor



Photo 45

Peeling of Plaster on Wall No. 1 of Toilet No. 11 of House No. 2198, First Floor



Photo 46

Peeling of Plaster on Wall No. 4 of Toilet No. 11 of House No. 2198, First Floor



Photo 47

Peeling of Plaster on Wall No. Floor of Toilet No. 11 of House No. 2198, First Floor



Photo 48

Peeling of Plaster on Wall No. 2 of Store 2 of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 49

Peeling of Plaster on Wall No. 4 of Kitchen 2 of House No. 2198, First Floor



Photo 50

Peeling of Plaster on Wall No. 3 & Roof of Kitchen 2 of House No. 2198, First Floor



Photo 51

Peeling of Plaster on Wall No. 3 & Roof of Store 3 of House No. 2198, First Floor



Photo 52

Peeling of Plaster on Wall No. 3 of Open Sky 2 of House No. 2198, First Floor



Photo 53

Peeling of Plaster on Sunshade of Open Sky 2 of House No. 2198, First Floor



Photo 54

Peeling of Plaster on Sunshade of Open Sky 2 of House No. 2198, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 55

Peeling of Plaster on Sunshade of Open Sky 2 of House No. 2198, First Floor



Photo 56

Peeling of Plaster on Sunshade of Open Sky 2 of House No. 2198, First Floor



Photo 57

Peeling of Plaster on Wall No. 1 of Parapit Wall of House No. 2198, Second Floor



Photo 58

Damaged Portion on Wall No. 3 of Parapit Wall of House No. 2198, Second Floor



Photo 59

Peeling of Plaster on Wall No. 2 of Hall No. 1 of House No. 2198, First Floor



Photo 60

Peeling of Plaster on Wall No. 1 of Hall No. 2 of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 61

Peeling of Plaster on Wall No. 1 of Hall No. 4 of House No. 2198, First Floor



Photo 62

Damaged Portion on Wall No. 1 of Toilet No. 5 of House No. 2198, First Floor



Photo 63

Peeling of Plaster on Wall No. 4 of Toilet No. 5 of House No. 2198, First Floor



Photo 64

Plaster Crack on Roof of Toilet No. 5 of House No. 2198, First Floor



Photo 65

Peeling of Plaster on Wall No. 3 of Toilet No. 5 of House No. 2198, First Floor



Photo 66

Peeling of Plaster on Roof of Toilet No. 6 of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 67

Peeling of Plaster on Wall No. 3 of Toilet No. 6 of House No. 2198, First Floor



Photo 68

Peeling of Plaster on Wall No. 1 of Store 1 of House No. 2198, First Floor



Photo 69

Peeling of Plaster on Roof of Store 1 of House No. 2198, First Floor



Photo 70

Peeling of Plaster on Wall No. 4 of Store 1 of House No. 2198, First Floor



Photo 71

Peeling of Plaster on Roof of Toilet No. 7 of House No. 2198, First Floor



Photo 72

Peeling of Plaster on Wall No. 4 of Toilet No. 7 of House No. 2198, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 73

Peeling of Plaster on Wall No. 3 of Toilet No. 4 of House No. 2198, First Floor



Photo 74

Peeling of Plaster on Wall No. 4 & Roof of Toilet No. 4 of House No. 2198, First Floor



Photo 75

Peeling of Plaster on Wall No. 4 & Roof of Toilet No. 4 of House No. 2198, First Floor



Photo 76

Peeling of Plaster on Wall No. 4 & Roof of Toilet No. 4 of House No. 2198, First Floor



Photo 77

Peeling of Plaster on Wall No. 1 of Toilet No. 8 of House No. 2198, First Floor



Photo 78

Peeling of Plaster on Wall No. 4 of Toilet No. 8 of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 79

Dampness/Seepage on Wall No. 2 of Toilet No. 8 of House No. 2198, First Floor



Photo 80

Peeling of Plaster on Wall No. 3 of Toilet No. 8 of House No. 2198, First Floor



Photo 81

Peeling of Plaster on Roof of Toilet No. 8 of House No. 2198, First Floor



Photo 82

Peeling of Plaster on Wall No. 2 & 4 of Lobby 2 of House No. 2198, First Floor



Photo 83

Peeling of Plaster on Wall No. 1 of Toilet No. 15 of House No. 2198, First Floor



Photo 84

Peeling of Plaster on Wall No. 2 of Toilet No. 15 of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 85

Peeling of Plaster on Wall No. 4 of Toilet No. 15 of House No. 2198,  
First Floor



Photo 86

Peeling of Plaster on Wall No. 3 of Toilet No. 16 of House No. 2198,  
First Floor



Photo 87

Peeling of Plaster on Wall No. 1 of Toilet No. 16 of House No. 2198,  
First Floor



Photo 88

Peeling of Plaster on Wall No. 4 of Toilet No. 16 of House No. 2198,  
First Floor



Photo 89

Peeling of Plaster on Wall No. 2 of Toilet No. 16 of House No. 2198,  
First Floor



Photo 90

Peeling of Plaster on Wall No. 4 of Toilet No. 1 of House No. 2198, First  
Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 91

Peeling of Plaster on Wall No. 2 of Toilet No. 1 of House No. 2198, First Floor



Photo 92

Peeling of Plaster on Wall No. 1 of Toilet No. 9 of House No. 2198, First Floor



Photo 93

Peeling of Plaster on Wall No. 4 of Toilet No. 9 of House No. 2198, First Floor



Photo 94

Peeling of Plaster on Wall No. 2 of Toilet No. 9 of House No. 2198, First Floor



Photo 95

Peeling of Plaster on Roof of Toilet No. 9 of House No. 2198, First Floor



Photo 96

Peeling of Plaster on Wall No. 3 of Toilet No. 9 of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 97  
Plaster Crack on Floor of Toilet No. 9 of House No. 2198, First Floor



Photo 98  
Dampness/Seepage on Roof of Toilet No. 10 of House No. 2198, First Floor



Photo 99  
Peeling of Plaster on Wall No. 2 & 3 of Toilet No. 10 of House No. 2198, First Floor



Photo 100  
Peeling of Plaster on Wall No. 1 of Open Sky 1 of House No. 2198, First Floor



Photo 101  
Peeling of Plaster on Wall No. 4 of Open Sky 1 of House No. 2198, First Floor



Photo 102  
Peeling of Plaster on Wall No. 4 of Open Sky 1 of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 103

Peeling of Plaster on Wall No. 2 of Open Sky 1 of House No. 2198, First Floor



Photo 104

Damaged Portion on Wall No. 3 of Parapit Wall of House No. 2198, Second Floor



Photo 105

Damaged Portion on Wall No. 3 of Parapit Wall of House No. 2198, Second Floor



Photo 106

Damaged Portion on Wall No. 3 of Parapit Wall of House No. 2198, Second Floor



Photo 107

Damaged Portion on Sunshade & Roof of House No. 2198, First Floor



Photo 108

Peeling of Plaster on Wall No. 3 of Hall No. 1 of House No. 2198, First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 109

Dampness/Seepage on Wall No. 1 of Hall No. 1 of House No. 2198, First Floor



Photo 110

Peeling of Plaster on Wall No. 4 of Hall No. 1 of House No. 2198, First Floor



Photo 111

Peeling of Plaster on Wall No. 2 of Hall No. 1 of House No. 2198, First Floor



Photo 112

Peeling of Plaster on Roof of Hall No. 1 of House No. 2198, First Floor



Photo 113

Dampness/Seepage on Wall No. 4 of Hall No. 2 of House No. 2198, First Floor



Photo 114

Dampness/Seepage on Roof of Hall No. 2 of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 115

Peeling of Plaster on Wall No. 3 of Hall No. 2 of House No. 2198, First Floor



Photo 116

Peeling of Plaster on Wall No. 3 of Open Sky 3 of House No. 2198, First Floor



Photo 117

Peeling of Plaster on Wall No. 1 of Open Sky 3 of House No. 2198, First Floor



Photo 118

Peeling of Plaster on Wall No. 1, 4 & Sunshade of Open Sky 3 of House No. 2198, First Floor



Photo 119

Peeling of Plaster on Wall No. 4 & Sunshade of Open Sky 3 of House No. 2198, First Floor



Photo 120

Peeling of Plaster on Wall No. 1 & Sunshade of Open Sky 3 of House No. 2198, First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 121

Plaster Crack on Wall No. 2 of Open Sky 2 of House No. 2198, First Floor



Photo 122

Peeling of Plaster on Wall No. 1 of Stair First Floor to Second Floor of House No. 2198, First Floor



Photo 123

Peeling of Plaster on Wall No. 2 of Stair First Floor to Second Floor of House No. 2198, First Floor



Photo 124

Dampness/Seepage on Wall No. 1, 4 & Roof of Kitchen 1 of House No. 2198, Second Floor



Photo 125

Dampness/Seepage on Wall No. 3 of Kitchen 1 of House No. 2198, Second Floor



Photo 126

Dampness/Seepage on Wall No. 1, 4 & Roof of Kitchen 2 of House No. 2198, Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 127

Peeling of Plaster on Wall No. 3 of Kitchen 2 of House No. 2198, Second Floor



Photo 128

Damaged Portion on Roof of Toilet No. 3 of House No. 2198, Second Floor



Photo 129

Peeling of Plaster on Wall No. 4 of Toilet No. 3 of House No. 2198, Second Floor



Photo 130

Damaged Portion on Wall No. 2 & 4 of Gallery of House No. 2198, Second Floor



Photo 131

Damaged Portion on Wall No. 2 & 4 of Gallery of House No. 2198, Second Floor



Photo 132

Peeling of Plaster on Wall No. 4 of Store 2 of House No. 2198, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 133

Peeling of Plaster on Wall No. 3 of Open Sky 4 of House No. 2198, Second Floor



Photo 134

Peeling of Plaster on Wall No. 3 & Sunshade of Open Sky 4 of House No. 2198, Second Floor



Photo 135

Peeling of Plaster on Wall No. 3 & Sunshade of Open Sky 4 of House No. 2198, Second Floor



Photo 136

Peeling of Plaster on Wall No. 2 of Open Sky 4 of House No. 2198, Second Floor



Photo 137

Peeling of Plaster on Wall No. 4 of Open Sky 5 of House No. 2198, Second Floor



Photo 138

Damaged Portion on Wall No. 4 of Toilet No. 2 of House No. 2198, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 139

Damaged Portion on Roof of Toilet No. 2 of House No. 2198, Second Floor



Photo 140

Damaged Portion on Wall No. 1 of Store 1 of House No. 2198, Second Floor



Photo 141

Damaged Portion on Wall No. 2 of Lobby 1 of House No. 2198, Second Floor



Photo 142

Damaged Portion on Roof of Lobby 1 of House No. 2198, Second Floor



Photo 143

Peeling of Plaster on Wall No. 4 of Bathroom of House No. 2198, Second Floor



Photo 144

Peeling of Plaster on Wall No. 3 of Stair Second Floor to Terrace of House No. 2198, Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 145

Damaged Portion on Wall No. 4 of Stair Second Floor to Terrace of House No. 2198, Second Floor



Photo 146

Damaged Portion on Roof of Stair Second Floor to Terrace of House No. 2198, Second Floor



Photo 147

Peeling of Plaster on Wall No. 2 & 4 of Kitchen 3 of House No. 2198, Second Floor



Photo 148

Dampness/Seepage on Wall No. 1 of Kitchen 3 of House No. 2198, Second Floor



Photo 149

Peeling of Plaster on Roof of Toilet No. 6 of House No. 2198, Second Floor



Photo 150

Dampness/Seepage on Roof of Toilet No. 7 of House No. 2198, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 151

Peeling of Plaster on Wall No. 4 of Toilet No. 5 of House No. 2198, Second Floor



Photo 152

Peeling of Plaster on Wall No. 1 & 4 of Toilet No. 5 of House No. 2198, Second Floor



Photo 153

Peeling of Plaster on Roof of Toilet No. 4 of House No. 2198, Second Floor



Photo 154

Peeling of Plaster on Wall No. 1 of Toilet No. 4 of House No. 2198, Second Floor



Photo 155

Peeling of Plaster on Wall No. 4 of Toilet No. 4 of House No. 2198, Second Floor



Photo 156

Dampness/Seepage on All wall of Bathroom of House No. 2198, Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 157

Damaged Portion on All wall of Terrace of House No. 2198, Terrace



Photo 158

Damaged Portion on All wall of Terrace of House No. 2198, Terrace



Photo 159

Damaged Portion on All wall of Terrace of House No. 2198, Terrace



Photo 160

Damaged Portion on Parapit Wall of Terrace of House No. 2198, Terrace



Photo 161

Peeling of Plaster on Wall No. 1 of Passage 1 of House No. 2198, Ground Floor



Photo 162

Peeling of Plaster on Wall No. 2 of Passage 1 of House No. 2198, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 163

Peeling of Plaster on Wall No. 1 of Hall No. 2 of House No. 2198, Ground Floor



Photo 164

Peeling of Plaster on Wall No. 4 of Hall No. 2 of House No. 2198, Ground Floor



Photo 165

Peeling of Plaster on Wall No. 2 of Hall No. 2 of House No. 2198, Ground Floor



Photo 166

Dampness/Seepage on Wall No. 3 of Hall No. 2 of House No. 2198, Ground Floor



Photo 167

Dampness/Seepage on Roof of Hall No. 2 of House No. 2198, Ground Floor



Photo 168

Peeling of Plaster on Wall No. 4 & Sunshade of Open Sky of House No. 2198, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 169

Damaged Portion on Wall No. 1 & Sunshade of Open Sky of House No. 2198, Ground Floor



Photo 170

Damaged Portion on Wall No. 1 & Sunshade of Open Sky of House No. 2198, Ground Floor



Photo 171

Damaged Portion on Wall No. 3 & Sunshade of Open Sky of House No. 2198, Ground Floor



Photo 172

Damaged Portion on Wall No. 3 & Sunshade of Open Sky of House No. 2198, Ground Floor



Photo 173

Damaged Portion on Wall No. 2 & Sunshade of Open Sky of House No. 2198, Ground Floor



Photo 174

Peeling of Plaster on Wall No. 2 & Sunshade of Open Sky of House No. 2198, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 175

Peeling of Plaster on Wall No. 2 & Sunshade of Open Sky of House No. 2198, Ground Floor



Photo 176

Peeling of Plaster on Wall No. 2 of Open Sky of House No. 2198, Ground Floor



Photo 177

Peeling of Plaster on Back Side Wall of House No. 2198, First Floor



Photo 178

Peeling of Plaster on Back Side Wall of House No. 2198, Ground Floor



Photo 179

Peeling of Plaster on Back Side Wall of Gate of House No. 2198, Ground Floor



Photo 180

Toilet No. 1 of House No. 2198, First Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 181  
Toilet No. 1 of House No. 2198, Second Floor Locked



Photo 182  
All wall of Bathroom of House No. 2198, Ground Floor Covered with tiles



Photo 183  
Toilet No. 1, 2 of House No. 2198, Ground Floor Locked



Photo 184  
Hall No. 1 of House No. 2198, Ground Floor Locked



Photo 185  
Hall No. 3 of House No. 2198, Ground Floor Locked



Photo 186  
Stair 2 of House No. 2198, Ground Floor Locked

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 187

Hall No. 4 of House No. 2198, Ground Floor Locked



Photo 188

Hall No. 5 of House No. 2198, Ground Floor Locked



Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line



Prayanka Textiles & Other Shops  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0030

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0030/01, Rev. 00, Dated: December 2013

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line

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## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	31/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Single Story RCC Framed Structure having a Basement . The structure was constructed in year 2000 and is 13 years old.

There are 9 defects in the structure out of which 0 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category 0 (Negligible)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	0	0%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0030-1	Gurikripa Fashion		
BC-RA/UP/0030-2	Sharmanand Textiles		
BC-RA/UP/0030-3	Anand Textiles		
BC-RA/UP/0030-4	Khushal Bartan Bhandar		
BC-RA/UP/0030-5	Priyanka Textiles		
BC-RA/UP/0030-6	Godown		
BC-RA/UP/0030-7			
BC-RA/UP/0030-8	Tea Shop		
BC-RA/UP/0030-9	Sarvanand Textiles Godown		



Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Prayanka Textiles & Other Shops
2	Building Address	Prayanka Textiles & Other Shops Dhama Ji Ka Khura Ram Ganj Market Jaipur
3	Year of Construction	2000
4	Number of Floors	G
5	Number of Basements	One
6	Type of Building	Commercial
7	Approximate Height	3m
8	Approximate Area	Not Known
9	Age of Building	1 years
10	Type of Structure	RCC
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Wall No. 1 Shop No. 5 Ground Floor	Peeling of Plaster	19
2	Wall No. 2 Shop No. 5 Ground Floor	Peeling of Plaster	20
3	Roof Part B Shop No. 4, Ground Floor	Peeling of Plaster	21
4	Wall No. 2 Stair Gf To Basement Shop No. 4, Ground Floor	Peeling of Plaster	22
5	Wall No. 2 Basement Shop No. 4, Basement	Peeling of Plaster	23
6	Roof Shop No. 10, Upper Ground Floor	Peeling of Plaster	24
7	All Walls Shop No. 10, Upper Ground Floor	Peeling of Plaster	25
8	Outer Wall Gate Shop No. 8, Ground Floor	Peeling of Plaster	26
9	Entry Gate Shop No. 9, Ground Floor	Peeling of Plaster	27

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Wall No. 1, 4 & 2 Shop No. 5 Ground Floor	Covered with Wood & Material	28
2	Wall No. 1 & 4 Shop No. 3 Ground Floor	Covered with Material	29
3	Wall No. 2 & 4 Shop No. 3 Ground Floor	Covered with Material	30
4	All Walls Part A Shop No. 4, Ground Floor	Covered with Material	31
5	All Walls Part B Shop No. 4, Ground Floor	Covered with Material	32
6	All Walls Part C Shop No. 4, Ground Floor	Covered with Material	33
7	Wall No. 1 Basement Shop No. 4, Basement	Covered with Material	34
8	Wall No. 4 Basement Shop No. 4, Basement	Covered with Material	35
9	Wall No. 2 & 4 Shop No. 10 Ground Floor	Covered with Wood & Material	36
10	All Walls Shop No. 11 Ground Floor	Covered with Material	37
11	All Walls Shop No. 11, Ground Floor		38
12	Wall No. 1, 4 & Roof Shop No. 5LS Ground Floor	Covered with Material	39
13	Wall No. 1, 4 & Roof Shop No. 5LS Ground Floor	Covered with Material	40
14	Wall No. 1, 2, 4 & Roof Shop No. 4LS Ground Floor	Covered with Material	41
15	Wall No. 1, 2, 4 & Roof Shop No. 3LS Ground Floor	Covered with Material	42
16	All Walls & Roof Shop No. 1LS Ground Floor	Covered with Material	43
17	All Walls & Roof Shop No. 2LS Ground Floor	Covered with Material	44
18	All Walls Shop No. 2 Ground Floor	Covered with Material	45

Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line



Photo 1  
General View of Shop



Photo 2  
Shop No. 6, Ground Floor



Photo 3  
Shop No. 6, Ground Floor



Photo 4  
Shop No. 5, Ground Floor



Photo 5  
Shop No. 4, Ground Floor



Photo 6  
Shop No. 10, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line



Photo 7  
Shop No. 11, Ground Floor



Photo 8  
, Shop No. 8, Ground Floor



Photo 9  
Shop No. 5LS, Ground Floor



Photo 10  
Shop No. 4LS, Ground Floor



Photo 11  
Shop No. 3LS, Ground Floor



Photo 12  
Shop No. 1LS, Ground Floor

Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line



Photo 13  
Shop No. 2LS, Ground Floor



Photo 14  
Shop No. 2, Ground Floor



Photo 15  
Shop No. 1, Ground Floor



Photo 16  
Shop No. 1, Ground Floor



Photo 17  
Shop No. 9, Ground Floor



Photo 18  
Shop No. 9, Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line



Photo 19  
Peeling of Plaster on Wall No. 1 of Shop No. 5 of Ground Floor



Photo 20  
Peeling of Plaster on Wall No. 2 of Shop No. 5 of Ground Floor



Photo 21  
Peeling of Plaster on Roof of Part B of Shop No. 4, Ground Floor



Photo 22  
Peeling of Plaster on Wall No. 2 of Stair Gf To Basement of Shop No. 4, Ground Floor



Photo 23  
Peeling of Plaster on Wall No. 2 of Basement of Shop No. 4, Basement



Photo 24  
Peeling of Plaster on Roof of Shop No. 10, Upper Ground Floor



Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line



Photo 25

Peeling of Plaster on All Walls of Shop No. 10, Upper Ground Floor



Photo 26

Peeling of Plaster on Outer Wall of Gate of Shop No. 8, Ground Floor



Photo 27

Peeling of Plaster on of Entry Gate of Shop No. 9, Ground Floor



Photo 28

Wall No. 1, 4 & 2 of Shop No. 5 of Ground Floor Covered with Wood & Material

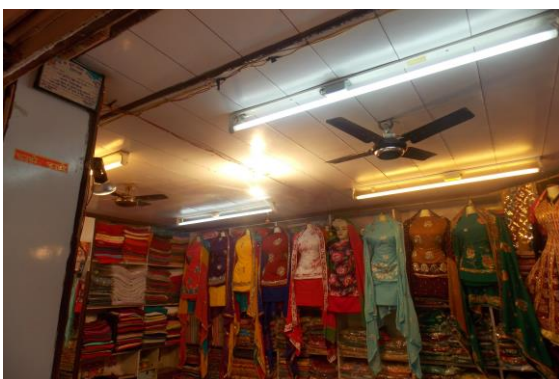


Photo 29

Wall No. 1 & 4 of Shop No. 3 of Ground Floor Covered with Material

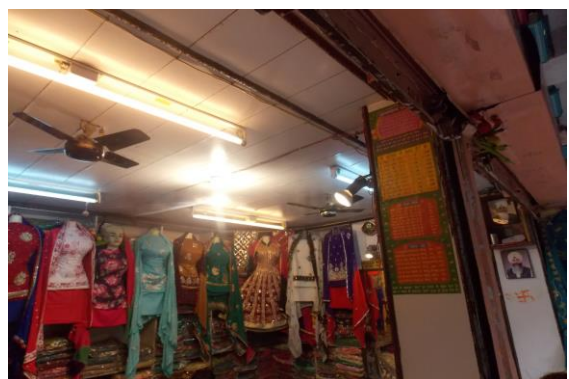


Photo 30

Wall No. 2 & 4 of Shop No. 3 of Ground Floor Covered with Material

Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line



Photo 31

All Walls of Part A of Shop No. 4, Ground Floor Covered with Material



Photo 32

All Walls of Part B of Shop No. 4, Ground Floor Covered with Material



Photo 33

All Walls of Part C of Shop No. 4, Ground Floor Covered with Material



Photo 34

Wall No. 1 of Basement of Shop No. 4, Basement Covered with Material



Photo 35

Wall No. 4 of Basement of Shop No. 4, Basement Covered with Material



Photo 36

Wall No. 2 & 4 of Shop No. 10 of Ground Floor Covered with Wood & Material



Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line



Photo 37

All Walls of Shop No. 11 of Ground Floor Covered with Material



Photo 38

All Walls of Shop No. 11, Ground Floor Covered With Material

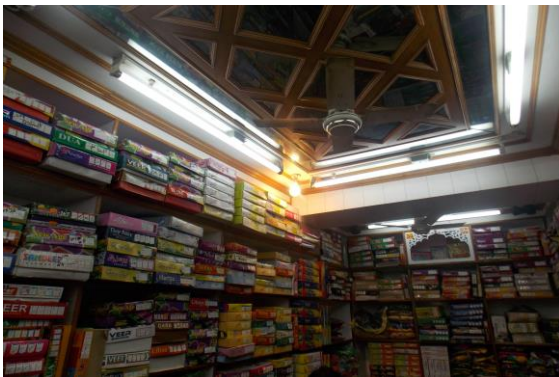


Photo 39

Wall No. 1, 4 & Roof of Shop No. 5LS of Ground Floor Covered with Material



Photo 40

Wall No. 1, 4 & Roof of Shop No. 5LS of Ground Floor Covered with Material

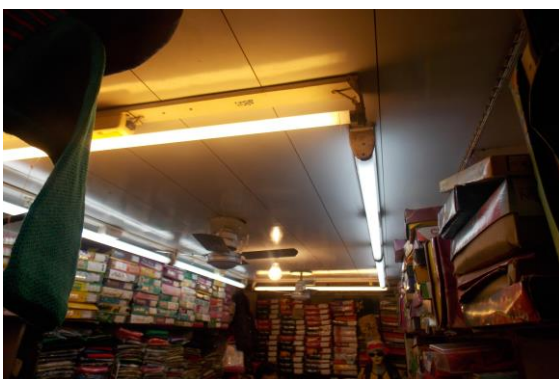


Photo 41

Wall No. 1, 2, 4 & Roof of Shop No. 4LS of Ground Floor Covered with Material



Photo 42

Wall No. 1, 2, 4 & Roof of Shop No. 3LS of Ground Floor Covered with Material



Pre - Condition Building Survey for Construction of Underground Stations From Chandpole to Bari Chouper and reversal line



Photo 43

All Walls & Roof of Shop No. 1LS of Ground Floor Covered with Material



Photo 44

All Walls & Roof of Shop No. 2LS of Ground Floor Covered with Material



Photo 45

All Walls of Shop No. 2 of Ground Floor Covered with Material

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 1908 & Shop No. 1  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0032

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0031/01, Rev. 00, Dated: December 2013

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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6	General Building Details	4
7	Summary of Cracks	5
8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	31/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story RCC Framed Structure having 4 floors. The structure was constructed in year 2010 and is 3 years old.

There are 15 defects in the structure out of which 5 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	1	20%
Slight (1 to 5mm)	4	80%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 1.85mm and average length of cracks is 1.76m. The maximum crack width is 4mm and minimum width is 0.25mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA-RA/0031/FF-SF	H.No. 1909		
BC-RA-RA/0031/FF-01	Radhey Shyam Agrawal, H.No. 1909		
BC-RA-RA/0031/FF-02	Radhey Shyam Agrawal, H.No. 1909		
BC-RA-RA/0031/FF-03	Anand Textiles, H.No. 1909		
BC-RA-RA/0031/SF-01	Prabhu Narayan Giriraj Kumar, H.No. 1909		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 1908 & Shop No. 1
2	Building Address	House No. 1908 & Shop No. 1 Ram Ganj Market Jaipur
3	Year of Construction	2010
4	Number of Floors	G+3
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	1 years
10	Type of Structure	RCC
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof Shop No. SF 01 Ground Floor	Horizontal	1	2.7	Slight	7
2	Wall No. 3 Balcony Shop No. SF 03 Second Floor	Inclined	4	1.2	Slight	8, 8A
3	Roof Part B Shop No. FF 01 First Floor Part B	Inclined	2.5	3.5	Slight	9
4	Stair GF to FF	Inclined	0.25	0.9	Very Slight	10, 10A
5	Wall No. 4 Stair GF to FF	Inclined	1.5	0.5	Slight	11, 11A

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
6	Wall No. 3 Balcony Shop No. SF 03 Second Floor	Peeling of Plaster	12
7	Wall No. 4 Part B Shop No. FF 01 First Floor Part B	Dampness/Seepage	13
8	Wall No. 4 Part B Shop No. FF 01 First Floor Part B	Dampness/Seepage	14
9	Wall No. 3 & Roof Balcony 0031/ff-sf	Peeling of Plaster	15
10	Wall No. 2	Damaged Portion	16
11	Wall No. 1 Stair GF to FF	Peeling of Plaster	17
12	Left Side Wall Ground Floor	Peeling of Plaster	18
13	Front Wall Ground Floor	Peeling of Plaster	19
14	Ground Floor	Damaged Portion	20
15	Back Side Wall First Floor	Peeling of Plaster	21

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Wall No. 1 Shop No. SF 01 Ground Floor	Covered With Materials	22
2	Wall No. 4 Shop No. SF 01 Ground Floor	Covered With Materials	23
3	Wall No. 2 Shop No. SF 01 Ground Floor	Covered With Materials	24
4	Shop No. SF 02 Ground Floor	Locked	25
5	Shop No. SF 03 Ground Floor	Locked	26
6	All Walls Part A Shop No. FF 01 First Floor Part A	Covered With Materials	27
7	All Walls Part C Shop No. FF 01 First Floor Part C	Covered With Materials	28
8	All Walls Shop No. FF 03 First Floor	Covered With Materials	29
9	Roof Shop No. FF 03 First Floor	Covered With False Ceiling	30
10	All Walls & Roof Shop No. FF 02 First Floor	Covered With Wood	31



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1



Photo 2  
Shop No. SF 01, Ground Floor



Photo 3



Photo 4  
Shop No. FF 03, First Floor



Photo 5  
Shop No. FF 02, First Floor



Photo 6  
Back Side

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7

Horizontal Crack on Roof of Shop No. SF 01, Ground Floor  
Approx. Width = 1mm, Approx. Length = 2.7m.  
Distance from Wall No. 1 = 1.3m, Height from Floor = 2.5m.



Photo 8

Inclined Crack on Wall No. 3 of Balcony, Shop No. SF 03 Second Floor  
Approx. Width = 4mm, Approx. Length = 1.2m.  
Distance from Wall No. 2 = 0.15m, Height from Floor = 1.7m.



Photo 8A

Inclined Crack on Wall No. 3 of Balcony, Shop No. SF 03 Second Floor  
Approx. Width = 4mm, Approx. Length = 1.2m.  
Distance from Wall No. 2 = 0.15m, Height from Floor = 1.7m.



Photo 9

Inclined Crack on Roof of Part B, Shop No. FF 01 First Floor Part B  
Approx. Width = 2.5mm, Approx. Length = 3.5m.  
Distance from Wall No. 2 = 0.15m, Height from Floor = 3m.



Photo 10

Inclined Crack on of Stair GF to FF,  
Approx. Width = 0.25mm, Approx. Length = 0.9m.  
Distance from Wall No. 4 = 0.6m, Height from Floor = 1m.



Photo 10A

Inclined Crack on of Stair GF to FF,  
Approx. Width = 0.25mm, Approx. Length = 0.9m.  
Distance from Wall No. 4 = 0.6m, Height from Floor = 1m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 11

Inclined Crack on Wall No. 4 of Stair GF to FF,  
Approx. Width = 1.5mm, Approx. Length = 0.5m.  
Distance from Wall No. 1 = 0m, Height from Floor = 2.1m.



Photo 11A

Inclined Crack on Wall No. 4 of Stair GF to FF,  
Approx. Width = 1.5mm, Approx. Length = 0.5m.  
Distance from Wall No. 1 = 0m, Height from Floor = 2.1m.



Photo 12

Peeling of Plaster on Wall No. 3 of Balcony of Shop No. SF 03 Second Floor



Photo 13

Dampness/Seepage on Wall No. 4 of Part B of Shop No. FF 01 First Floor Part B



Photo 14

Dampness/Seepage on Wall No. 4 of Part B of Shop No. FF 01 First Floor Part B



Photo 15

Peeling of Plaster on Wall No. 3 & Roof of Balcony of 0031/ff-sf



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 16  
Damaged Portion on Wall No. 2



Photo 17  
Peeling of Plaster on Wall No. 1 of Stair GF to FF



Photo 18  
Peeling of Plaster on Left Side Wall of of Ground Floor



Photo 19  
Peeling of Plaster on Fornt Wall of of Ground Floor



Photo 20  
Damaged Portion on of Ground Floor



Photo 21  
Peeling of Plaster on Back Side Wall of of First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 22

Wall No. 1 of Shop No. SF 01 of Ground Floor Covered With Matrials



Photo 23

Wall No. 4 of Shop No. SF 01 of Ground Floor Covered With Matrials



Photo 24

Wall No. 2 of Shop No. SF 01 of Ground Floor Covered With Matrials



Photo 25

Shop No. SF 02 of Ground Floor Locked

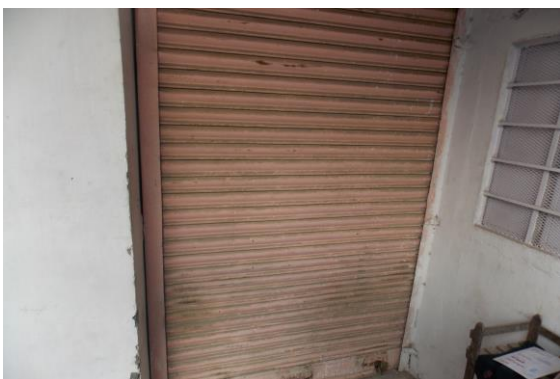


Photo 26

Shop No. SF 03 of Ground Floor Locked



Photo 27

All Walls of Part A of Shop No. FF 01 First Floor Part A Covered With Matrials



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 28

All Walls of Part C of Shop No. FF 01 First Floor Part C Covered With Materials



Photo 29

All Walls of Shop No. FF 03 of First Floor Covered With Materials



Photo 30

Roof of Shop No. FF 03 of First Floor Covered With False Ciling



Photo 31

All Walls & Roof of Shop No. FF 02 of First Floor Covered With Wood



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 1908 & Shop No. 1  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0032

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0032/01, Rev. 00, Dated: December 2013

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	

## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	31/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

## About the Structure

The structure under consideration is a Multi Story RCC Framed Structure having 4 floors. The structure was constructed in year 2010 and is 3 years old.

There are 34 defects in the structure out of which 4 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	1	25%
Slight (1 to 5mm)	3	75%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 1.98mm and average length of cracks is 2.98m. The maximum crack width is 4mm and minimum width is 0.4mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA-RA/0032/FF-SF-TF	H.No. 1908		
BC-RA-UP-0032/SF/01	Shop No. 1		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 1908 & Shop No. 1
2	Building Address	House No. 1908 & Shop No. 1 Ram Ganj Market Jaipur
3	Year of Construction	2010
4	Number of Floors	G+3
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	1 years
10	Type of Structure	RCC
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Wall No. 4 House No. 1908 Second Floor	Inclined	2.5	1.6	Slight	7, 7A
2	Wall No. 4 House No. 1908 Second Floor	Inclined	1	1.3	Slight	8, 8A
3	Parapet Wall Second Floor	Inclined	0.4	1	Very Slight	9
4	Back Wall Ground Floor	Inclined	4	8	Slight	10

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
5	Wall No. 3 Balcony House No. 1908 First Floor	Peeling of Plaster	11
6	Wall No. Floor Balcony House No. 1908 First Floor	Peeling of Plaster	12
7	Wall No. 1 Stair FF to SF House No. 1908 First Floor	Peeling of Plaster	13
8	Wall No. 2 House No. 1908 First Floor	Peeling of Plaster	14
9	Roof House No. 1908 First Floor	Peeling of Plaster	15
10	Wall No. 4 House No. 1908 First Floor	Peeling of Plaster	16
11	Wall No. 4 & 1 Toilet No. 1 House No. 1908 First Floor	Peeling of Plaster	17
12	Wall No. 2 Toilet No. 1 House No. 1908 First Floor	Peeling of Plaster	18
13	Wall No. 2 Stair FF to SF House No. 1908 First Floor	Peeling of Plaster	19
14	Wall No. 2 & Roof Stair FF to SF House No. 1908 First Floor	Peeling of Plaster	20
15	Wall No. 4 Room No. 1 House No. 1908 Second Floor	Peeling of Plaster	21
16	Wall No. 2 House No. 1908 Second Floor	Peeling of Plaster	22
17	Wall No. 3 Balcony House No. 1908 Second Floor	Peeling of Plaster	23
18	Roof House No. 1908 Second Floor	Peeling of Plaster	24
19	Wall No. 4 House No. 1908 Second Floor	Peeling of Plaster	25
20	Wall No. 1 Stair SF to TF House No. 1908 Second Floor	Peeling of Plaster	26
21	Roof House No. 1908 Second Floor	Peeling of Plaster	27
22	Wall No. 3 House No. 1908 Second Floor	Peeling of Plaster	28
23	Wall No. 2 House No. 1908 Second Floor	Peeling of Plaster	29
24	Wall No. 2 House No. 1908 Second Floor	Peeling of Plaster	30
25	Wall No. 1 Room No. 1 House No. 1908 Second Floor	Dampness/Seepage	31
26	Wall No. 4 Room No. 1 House No. 1908 Second Floor	Dampness/Seepage	32
27	Wall No. 1 Bathroom House No. 1908 Second Floor	Dampness/Seepage	33
28	Wall No. 1 Room No. 2 House No. 1908 Second Floor	Dampness/Seepage	34
29	Wall No. 4 Kitchen House No. 1908 Second Floor	Dampness/Seepage	35
30	House No. 1908 Second Floor	Peeling of Plaster	36
31	Shed First Floor	Damaged Portion	37
32	Front Wall Ground Floor	Peeling of Plaster	38
33	Back Wall Ground Floor	Peeling of Plaster	39
34	Wall No. 4 Balcony Shop No. SF 01 Second Floor	Peeling of Plaster	40

Summary of Areas that Could not be Surveyed

Serial No.	Location	Description	Photo No.
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Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1



Photo 2

View of Room No, 1, House No. 1908 First Floor



Photo 3

Store, House No. 1908 First Floor



Photo 4

Ground Floor



Photo 5

Shop No. SF 01, Second Floor



Photo 6

Shop No. SF 01, Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7

Inclined Crack on Wall No. 4 of House No. 1908 Second Floor  
Approx. Width = 2.5mm, Approx. Length = 1.6m.  
Distance from w1 = 2.5m, Height from Floor = 0m.



Photo 7A

Inclined Crack on Wall No. 4 of House No. 1908 Second Floor  
Approx. Width = 2.5mm, Approx. Length = 1.6m.  
Distance from w1 = 2.5m, Height from Floor = 0m.



Photo 8

Inclined Crack on Wall No. 4 of House No. 1908 Second Floor  
Approx. Width = 1mm, Approx. Length = 1.3m.  
Distance from w1 = 0.85m, Height from Floor = 0m.



Photo 8A

Inclined Crack on Wall No. 4 of House No. 1908 Second Floor  
Approx. Width = 1mm, Approx. Length = 1.3m.  
Distance from w1 = 0.85m, Height from Floor = 0m.



Photo 9

Inclined Crack on Parapet Wall of Second Floor  
Approx. Width = 0.4mm, Approx. Length = 1m.  
Distance from left wall = 3.3m, Height from Floor = 0.7m.



Photo 10

Inclined Crack on Back Wall of Ground Floor  
Approx. Width = 4mm, Approx. Length = 8m.  
Distance from right wall = 4.5m, Height from Floor = 7m.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 11

Peeling of Plaster on Wall No. 3 of Balcony of House No. 1908 First Floor



Photo 12

Peeling of Plaster on Floor of Balcony of House No. 1908 First Floor



Photo 13

Peeling of Plaster on Wall No. 1 of Stair FF to SF of House No. 1908 First Floor



Photo 14

Peeling of Plaster on Wall No. 2 of House No. 1908 First Floor



Photo 15

Peeling of Plaster on Roof of House No. 1908 First Floor



Photo 16

Peeling of Plaster on Wall No. 4 of House No. 1908 First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 17

Peeling of Plaster on Wall No. 4 & 1 of Toilet No. 1 of House No. 1908 First Floor



Photo 18

Peeling of Plaster on Wall No. 2 of Toilet No. 1 of House No. 1908 First Floor



Photo 19

Peeling of Plaster on Wall No. 2 of Stair FF to SF of House No. 1908 First Floor



Photo 20

Peeling of Plaster on Wall No. 2 & Roof of Stair FF to SF of House No. 1908 First Floor



Photo 21

Peeling of Plaster on Wall No. 4 of Room No. 1 of House No. 1908 Second Floor



Photo 22

Peeling of Plaster on Wall No. 2 of House No. 1908 Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 23

Peeling of Plaster on Wall No. 3 of Balcony of House No. 1908 Second Floor



Photo 24

Peeling of Plaster on Roof of House No. 1908 Second Floor



Photo 25

Peeling of Plaster on Wall No. 4 of House No. 1908 Second Floor



Photo 26

Peeling of Plaster on Wall No. 1 of Stair SF to TF of House No. 1908 Second Floor



Photo 27

Peeling of Plaster on Roof of House No. 1908 Second Floor



Photo 28

Peeling of Plaster on Wall No. 3 of House No. 1908 Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 29

Peeling of Plaster on Wall No. 2 of House No. 1908 Second Floor



Photo 30

Peeling of Plaster on Wall No. 2 of House No. 1908 Second Floor



Photo 31

Dampness/Seepage on Wall No. 1 of Room No. 1 of House No. 1908 Second Floor



Photo 32

Dampness/Seepage on Wall No. 4 of Room No. 1 of House No. 1908 Second Floor

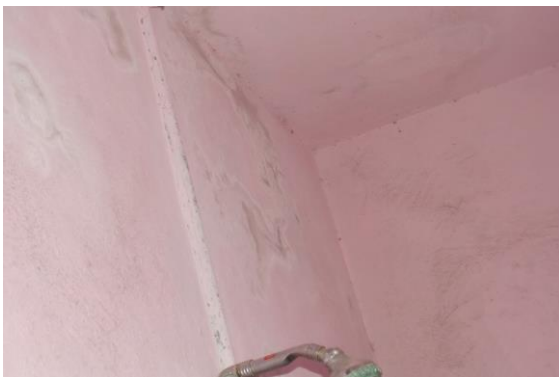


Photo 33

Dampness/Seepage on Wall No. 1 of Bathroom of House No. 1908 Second Floor



Photo 34

Dampness/Seepage on Wall No. 1 of Room No. 2 of House No. 1908 Second Floor



Pre - Condition Building Survey for Construction of Underground Stations from from Chandpole to Bari Chouper and reversal line



Photo 35  
Dampness/Seepage on Wall No. 4 of Kitchen of House No. 1908  
Second Floor



Photo 36  
Peeling of Plaster on House No. 1908 Second Floor



Photo 37  
Damaged Portion on Shed of First Floor



Photo 38  
Peeling of Plaster on Front Wall of Ground Floor



Photo 39  
Peeling of Plaster on Back Wall of of Ground Floor



Photo 40  
Peeling of Plaster on Wall No. 4 of Balcony of Shop No. SF 01 Second  
Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



House No. 1907 & 1908  
Ram Ganj Market  
Jaipur  
Unique ID: BC RA UP 0033

Report Number: AIMIL/ESG/JMCEC/BC RA UP 0033/01, Rev. 00, Dated: December 2013

Building Owner  
Contractor

Mr. Rajender Kumar Sharma  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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## Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

## Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	31/12/2013	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

## About the Structure

The structure under consideration is a Multi Story RCC Framed Structure having 3 floors. The structure was constructed in year 2013 and is 0 years old.

There are 11 defects in the structure out of which 0 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category 0 (Negligible)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	0	0%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0033	Radhey Shym Amarnath Sharma		

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	House No. 1907 & 1908
2	Building Address	House No. 1907 & 1908 Ram Ganj Market Jaipur
3	Year of Construction	2013
4	Number of Floors	G+2
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	1 years
10	Type of Structure	RCC
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A.
14	Roadways	One Side
15	Presence of Equipment/Machines	None

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Wall No. 2 Room No. 1 House No. 1907 & 1908 First Floor	Peeling of Plaster	18
2	Hall No. 1 House No. 1907 & 1908 First Floor	Peeling of Plaster	19
3	Wall No. 1 Room No. 3 House No. 1907 & 1908 First Floor	Peeling of Plaster	20
4	Wall No. 2 Room No. 3 House No. 1907 & 1908 First Floor	Peeling of Plaster	21
5	Roof Room No. 4 House No. 1907 & 1908 First Floor	Peeling of Plaster	22
6	Roof Passage House No. 1907 & 1908 First Floor	Peeling of Plaster	23
7	Wall No. 1 Room No. 9 House No. 1907 & 1908 Second Floor	Peeling of Plaster	24
8	Gate Lhs House No. 1907 & 1908 Second Floor	Peeling of Plaster	25
9	Gate Rhs House No. 1907 & 1908 Second Floor	Peeling of Plaster	26
10	Roof House No. 1907 & 1908 Second Floor	Peeling of Plaster	27
11	Roof House No. 1907 & 1908 Second Floor	Peeling of Plaster	28

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1



Photo 2

View of Room No. 1, House No. 1907 & 1908 First Floor



Photo 3

View of Room No. 2, House No. 1907 & 1908 First Floor



Photo 4

View of Hall No. 2, House No. 1907 & 1908 First Floor



Photo 5

View of Hall No. 2, House No. 1907 & 1908 First Floor



Photo 6

Under Construction, House No. 1907 & 1908 First Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 7

View of Room No. 1, House No. 1907 & 1908 Second Floor



Photo 8

View of Room No. 2, House No. 1907 & 1908 Second Floor



Photo 9

View of Room No. 3, House No. 1907 & 1908 Second Floor



Photo 10

View of Room No. 4, House No. 1907 & 1908 Second Floor



Photo 11

View of Room No. 5, House No. 1907 & 1908 Second Floor



Photo 12

View of Room No. 6, House No. 1907 & 1908 Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

View of Room No. 7, House No. 1907 & 1908 Second Floor



Photo 14

View of Room No. 8, House No. 1907 & 1908 Second Floor

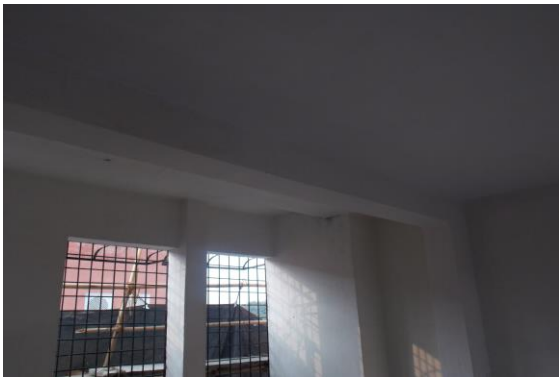


Photo 15

View of Room No. 10, House No. 1907 & 1908 Second Floor



Photo 16

View of Room No. 11, House No. 1907 & 1908 Second Floor



Photo 17

House No. 1907 & 1908 Second Floor



Photo 18

Peeling of Plaster on Wall No. 2 of Room No. 1 of House No. 1907 & 1908 First Floor



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 19

Peeling of Plaster on Hall No. 1 of House No. 1907 & 1908 First Floor



Photo 20

Peeling of Plaster on Wall No. 1 of Room No. 3 of House No. 1907 & 1908 First Floor



Photo 21

Peeling of Plaster on Wall No. 2 of Room No. 3 of House No. 1907 & 1908 First Floor



Photo 22

Peeling of Plaster on Roof of Room No. 4 of House No. 1907 & 1908 First Floor



Photo 23

Peeling of Plaster on Roof of Passage of House No. 1907 & 1908 First Floor



Photo 24

Peeling of Plaster on Wall No. 1 of Room No. 9 of House No. 1907 & 1908 Second Floor

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 25

Peeling of Plaster on Gate Lhs of House No. 1907 & 1908 Second Floor



Photo 26

Peeling of Plaster on Gate Rhs of House No. 1907 & 1908 Second Floor



Photo 27

Peeling of Plaster on Roof of House No. 1907 & 1908 Second Floor

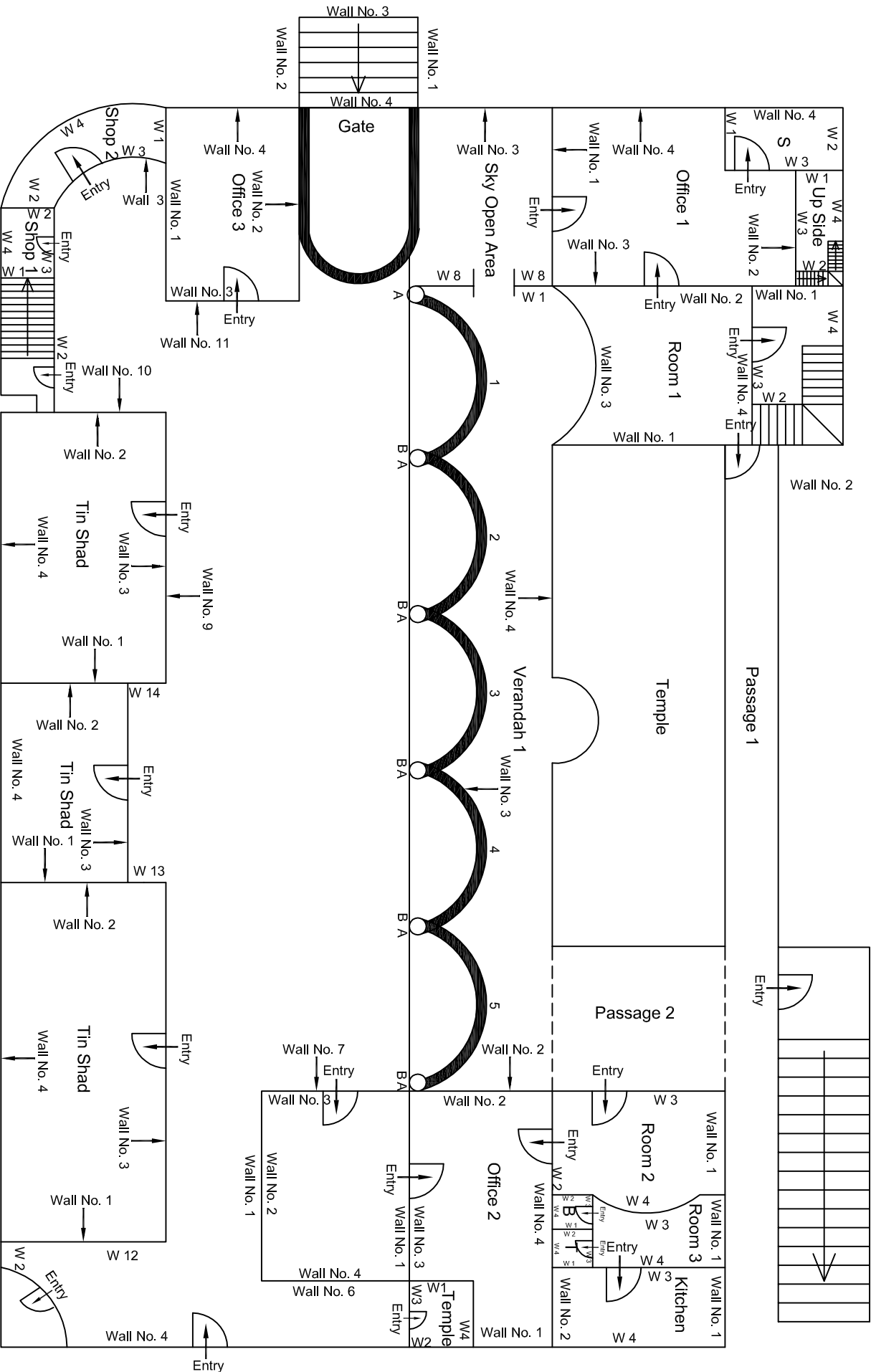


Photo 28

Peeling of Plaster on Roof of House No. 1907 & 1908 Second Floor

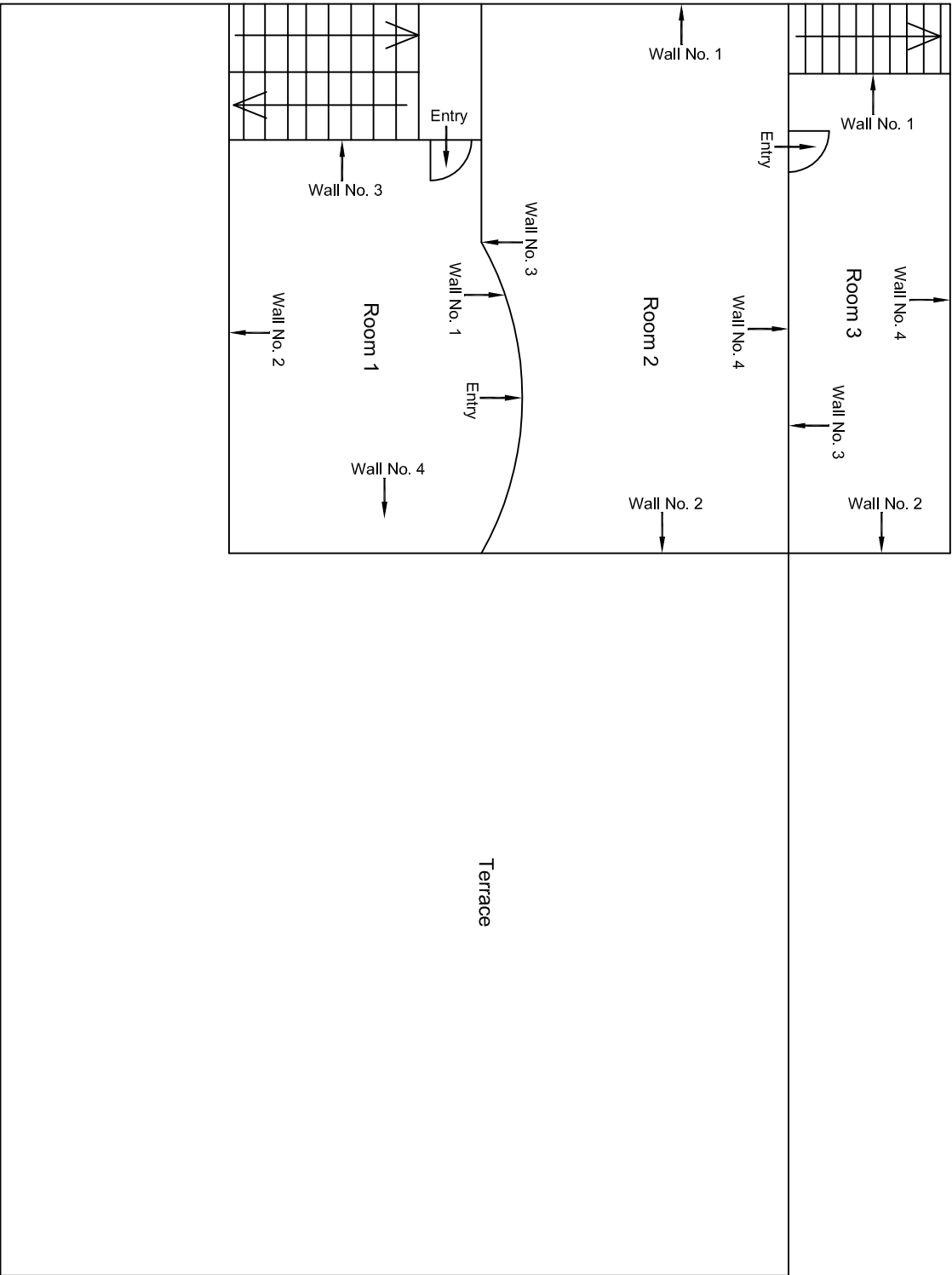






First Floor Plan

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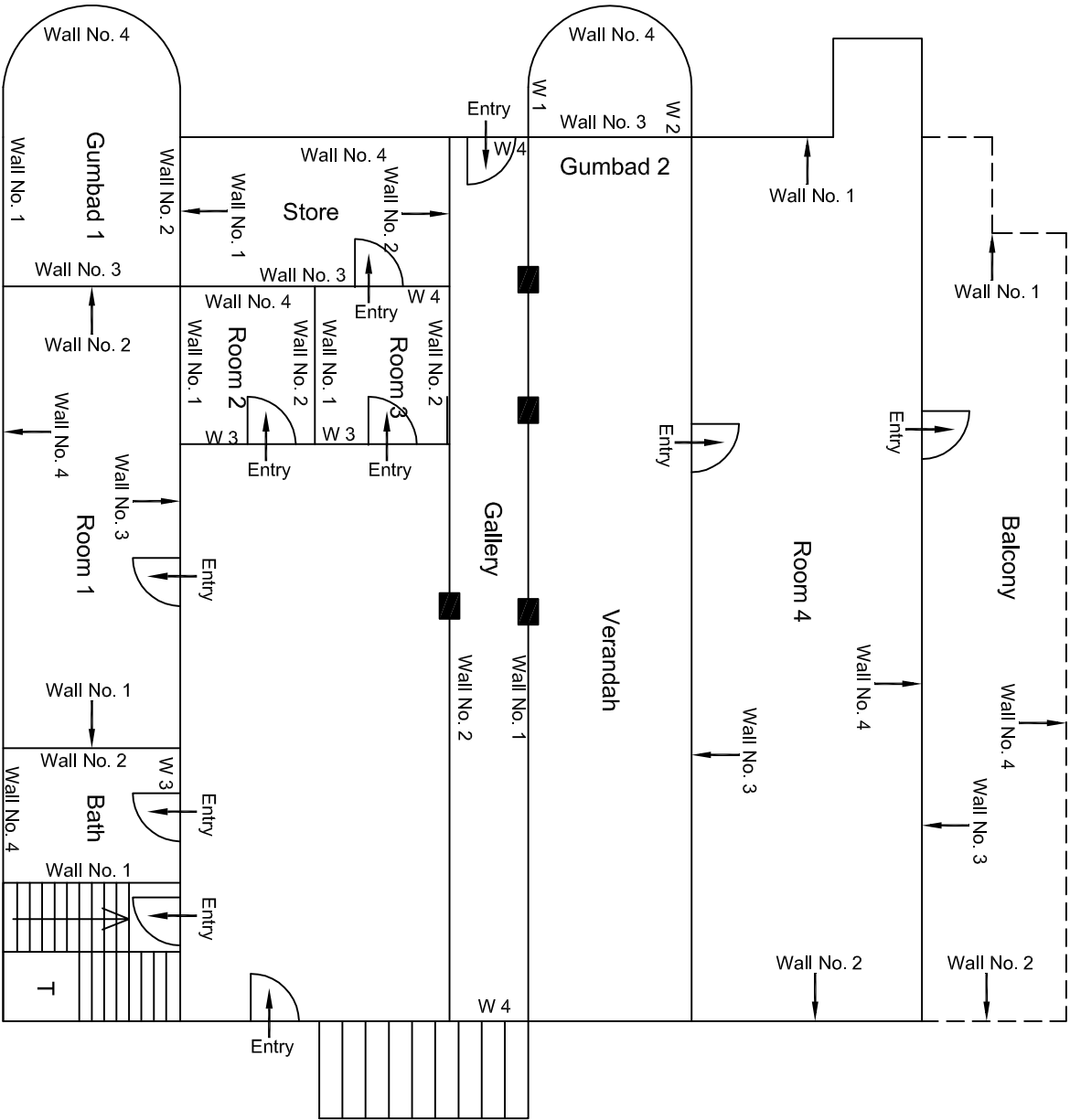
Terrace Floor Plan

					CONSULTANT:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:
					Omikron Kappa - Indus Consultants JV	CEC	AIMIL LIMITED	Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar, and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Terrace Floor Plan of Vijay Govind Narshing Mandir
00		NP	Dr. PRC	16.11.2013				DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0004/FF/ 03
Revision	Description of Revision	Drawn By	Approved By	Date				SCALE: Not to Scale
								REVISION: R0









Upper First Floor Plan

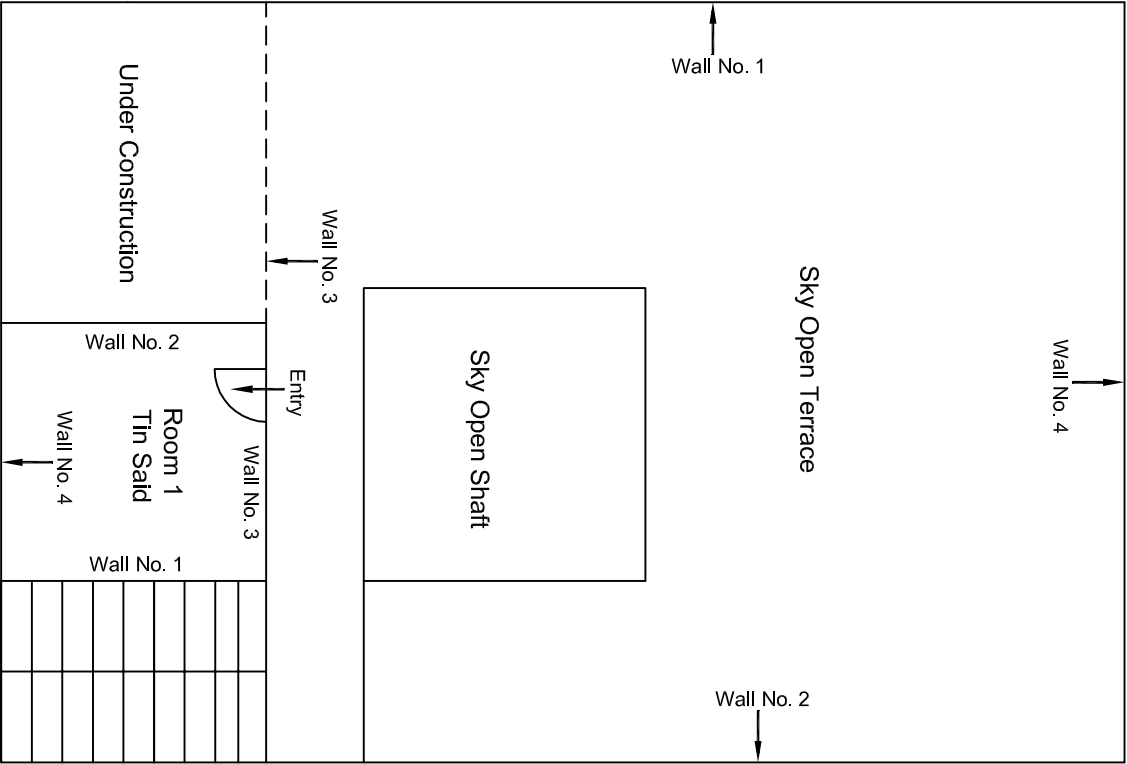
					CONSULTANT:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:
					Omikron Kappa - Indus Consultants JV	CEC	AIMIL LIMITED	Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jalpur Metro Phase 1B
					CLIENT:	CONTRACT:		DRAWING TITLE:
					DMRC/JMRC	Jaipur Metro Phase 1B		Upper Floor Plan of House No 1902
00		NP	D. PRC	16.11.2013				DRAWING NO.:
								AIMIL/ESG/12315/ BC-RA-UP-0007/FF/TF/ 02
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Revision	Description of Revision	Drawn By	Approved By	Date				







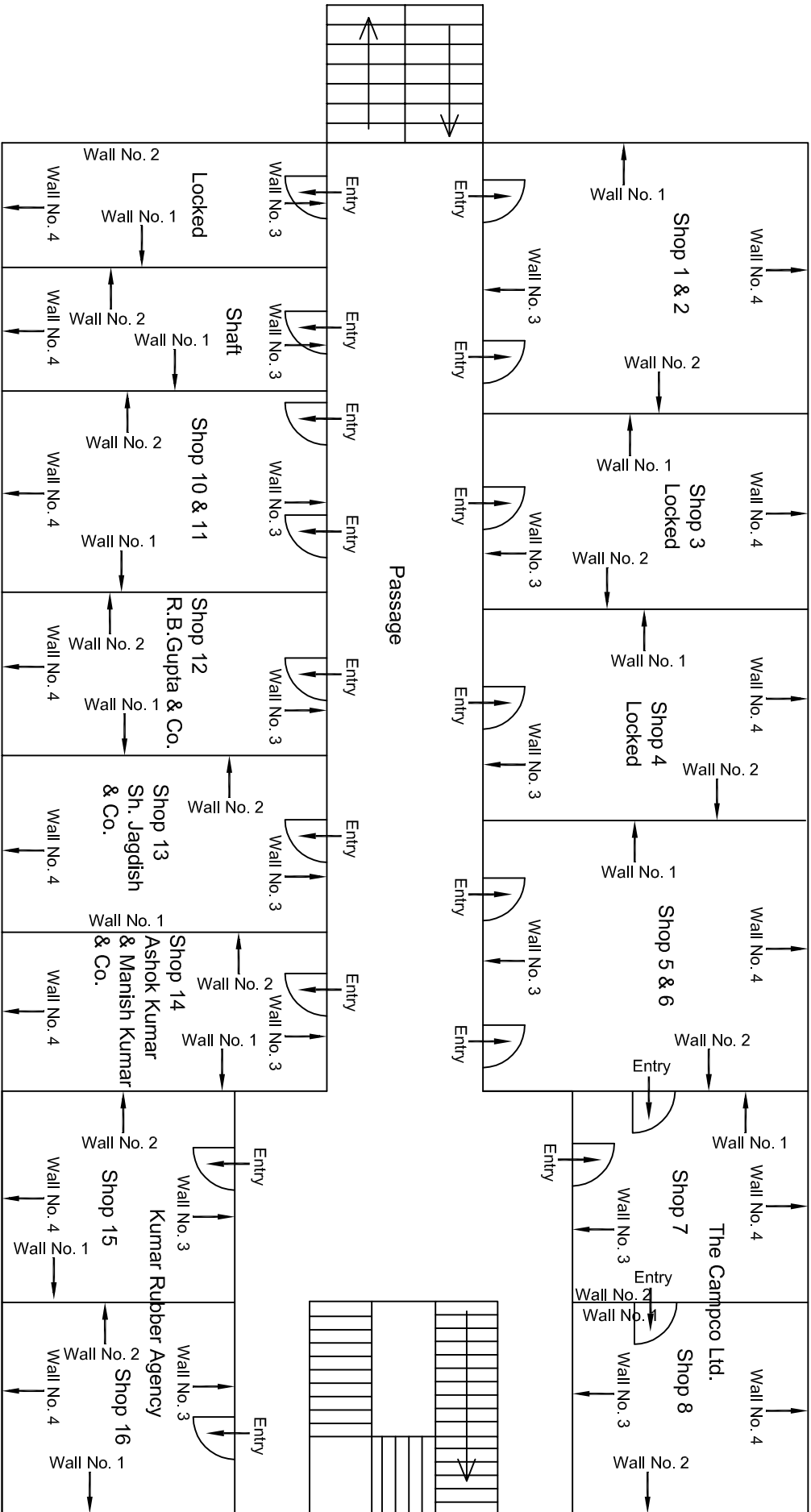




Terrace Floor Plan

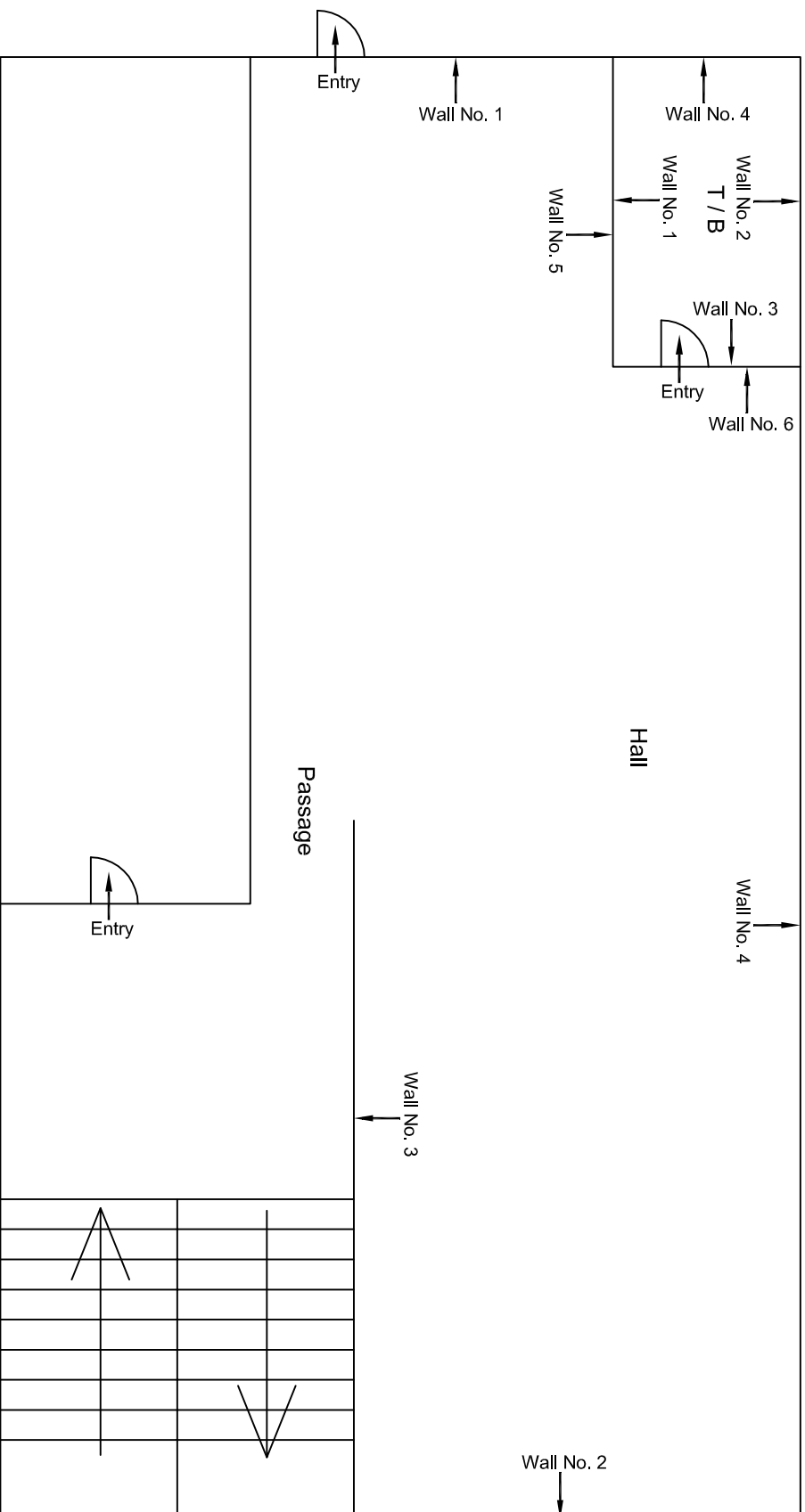
					CONSULTANT: Omikron Kappa - Indus Consultants JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badli Choupar and reversal line by Shield TBM, Underground Metro Stations at Chotli Choupar and Badli Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
					CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B				DRAWING TITLE: Terrace Floor Plan of House No 1902	
											DRAWING NO.: AIMIL/ESG/12315/BC-RA-UP-0007/FF/TF/06	
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											REVISION: R0	
00		NP	D. PRC	16.11.2013								
Revision	Description of Revision	Drawn By	Approved By	Date								





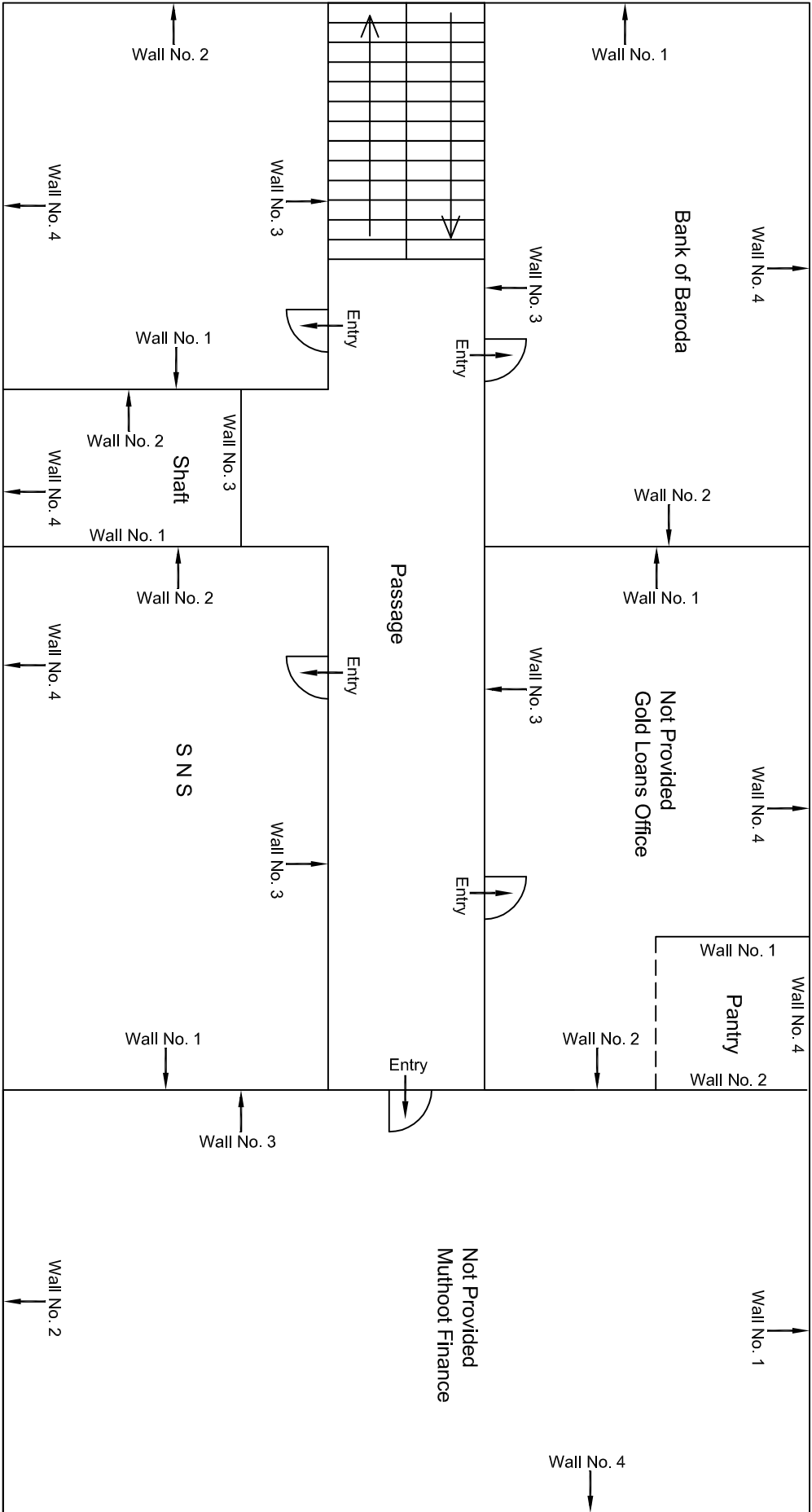
Ground Floor Plan

00		NP	Dr. PRC	16.11.2013					
Revision	Description of Revision	Drawn By	Approved By	Date					
					CONSULTANT:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:	
					Omikron Kappa - Indus Consultants JV	CEC	AIMIL LIMITED	Design and Construction of Tunnel between Chandpole & Badli Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badli Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
					CLIENT: DMRC/IMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING NO.: AIMIL/ESG/12315/ BC-RM-UP-0008/336/01	SCALE: Not to Scale
								REVISION: R0	



### Upper Ground Floor Plan

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First Floor Plan

00									
Revision	Description of Revision	Drawn By	Approved By	Date	CLIENT: DMRC/JMRC	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	DRAWING TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	DRAWING NO.: AIMIL/ESG/12315/ BC-RM-UP-0008/336/03
		NP	Dr. PRC	16.11.2013		CONTRACT: Jaipur Metro Phase 1B		SCALE: Not to Scale	REVISION: R0











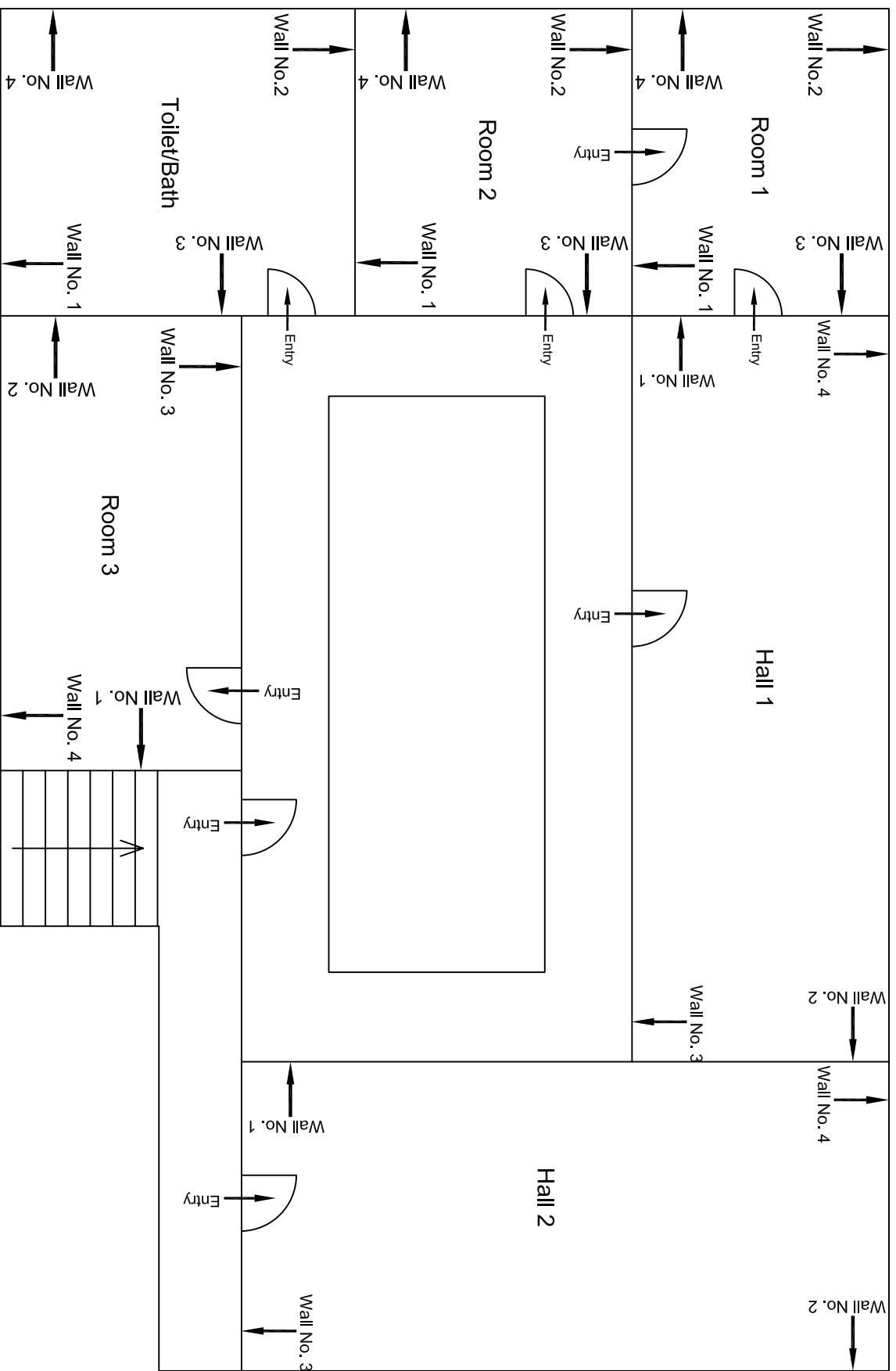










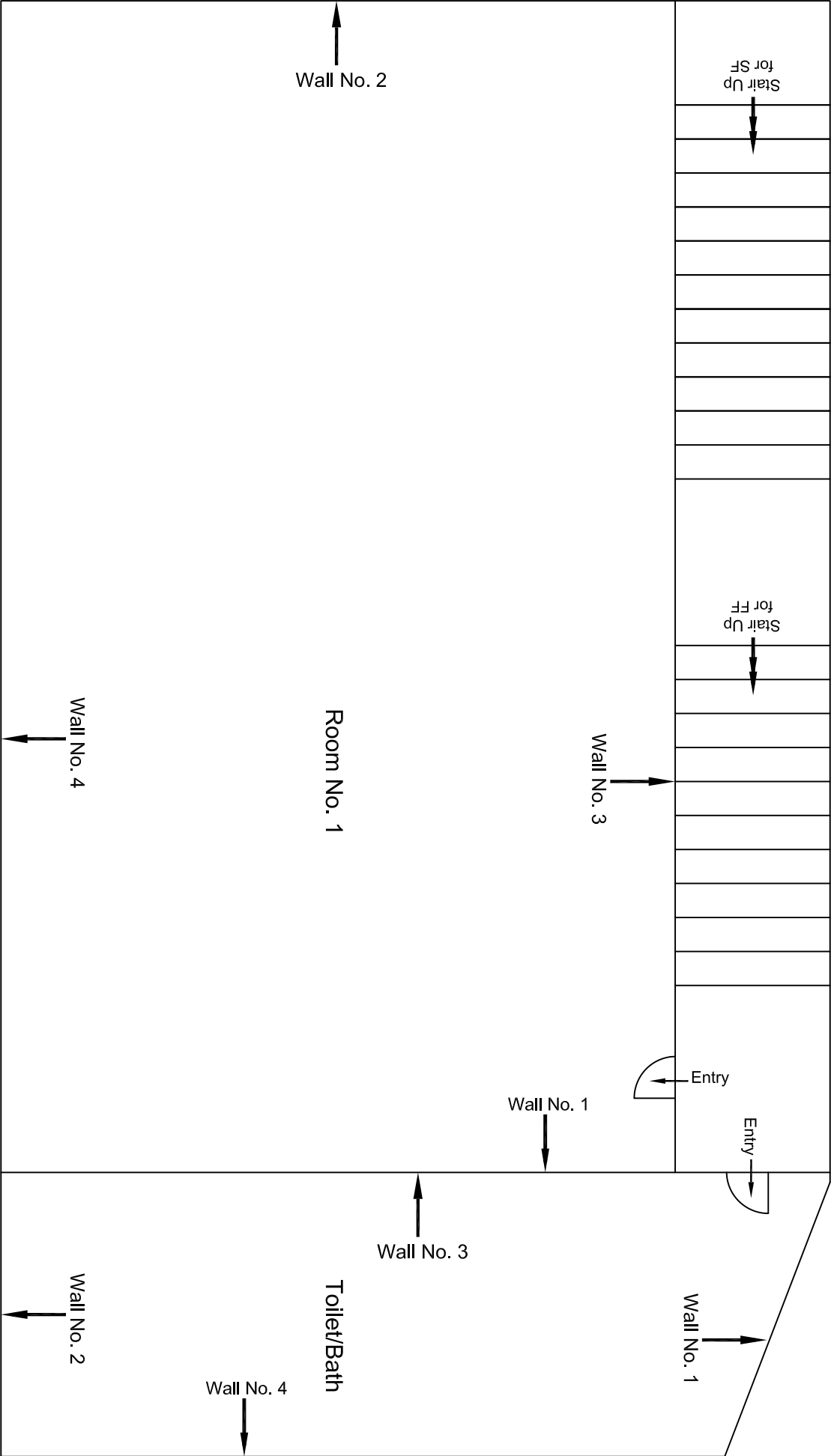


## First Floor Plan

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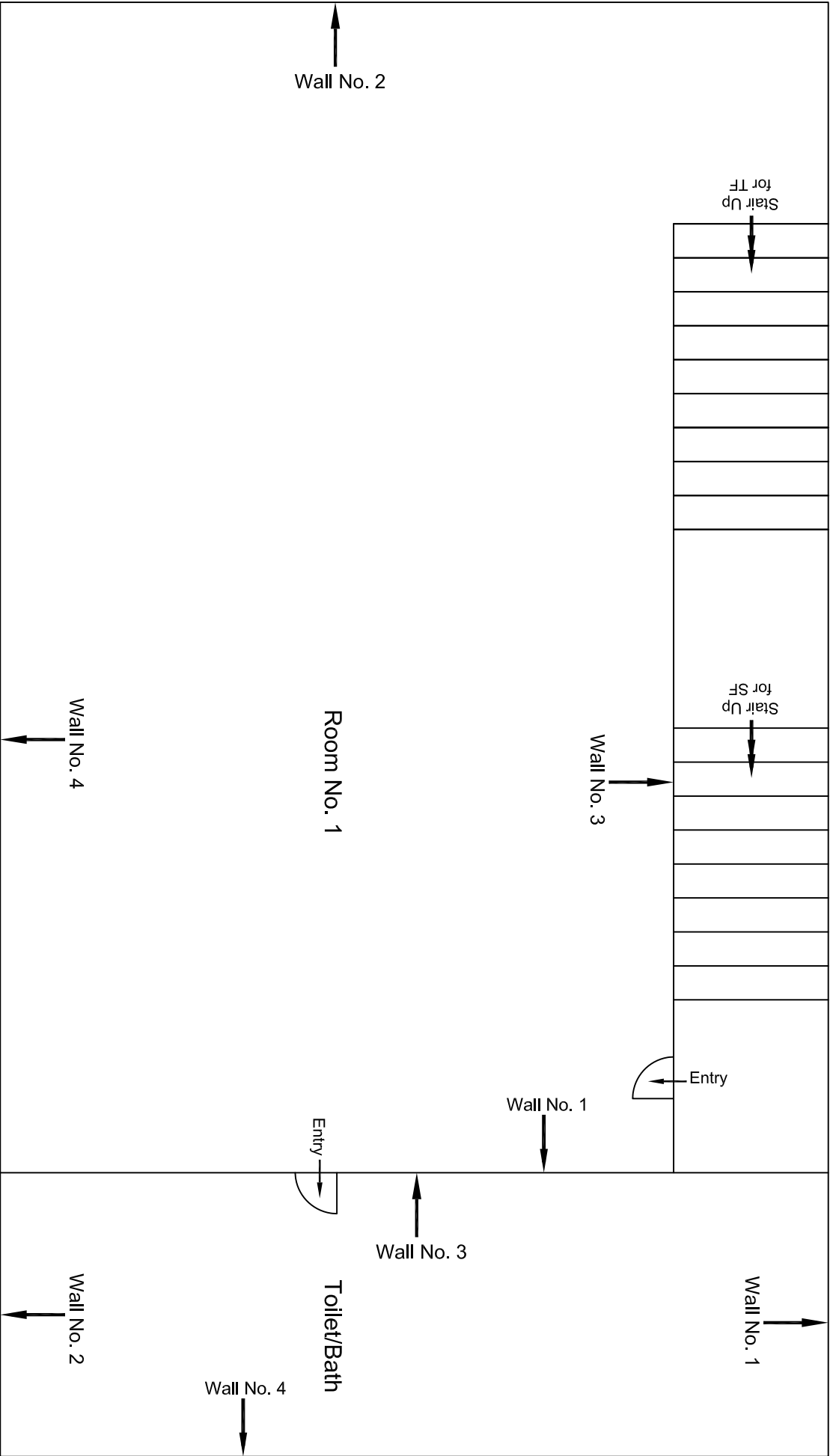






First Floor Plan

				CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV				MAIN CONTRACTOR: CEC				SUB-CONTRACTOR: AIMIL LIMITED				PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badli Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badli Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B							
				CLIENT: DMRC/JMRC				CONTRACT: Jaipur Metro Phase 1B				DRAWING TITLE: First Floor Plan of House No. 44/E20 above shop no. 331				DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0011/FF-TF /01							
00		NP	Dr. PRC	16.11.2013												SCALE: Not to Scale				REVISION:			
Revision	Description of Revision	Drawn By	Approved By	Date																			

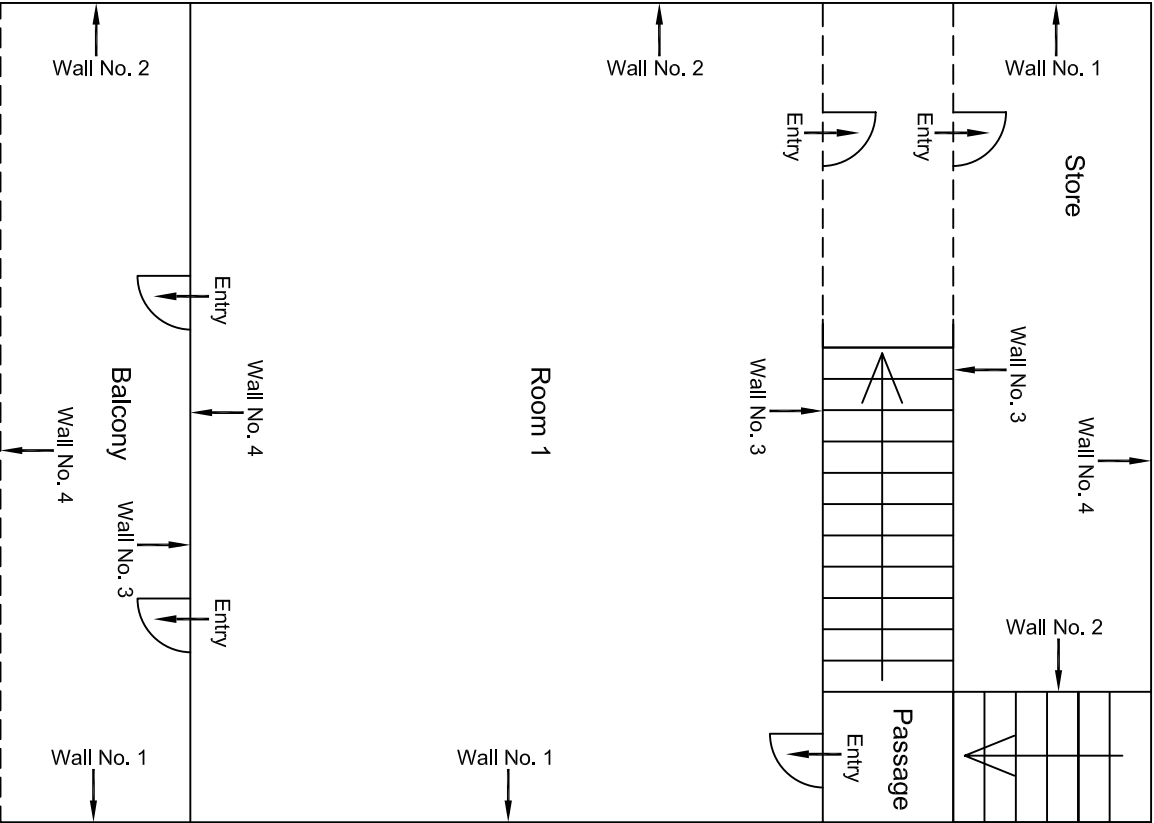


Second Floor Plan

					CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED	PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Chait Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B			
					CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B		DRAWING TITLE: Second Floor Plan of House No. 44/E20 above shop no. 331		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0011/FF-TF /02	
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Revision	Description of Revision	Drawn By	Approved By	Date							

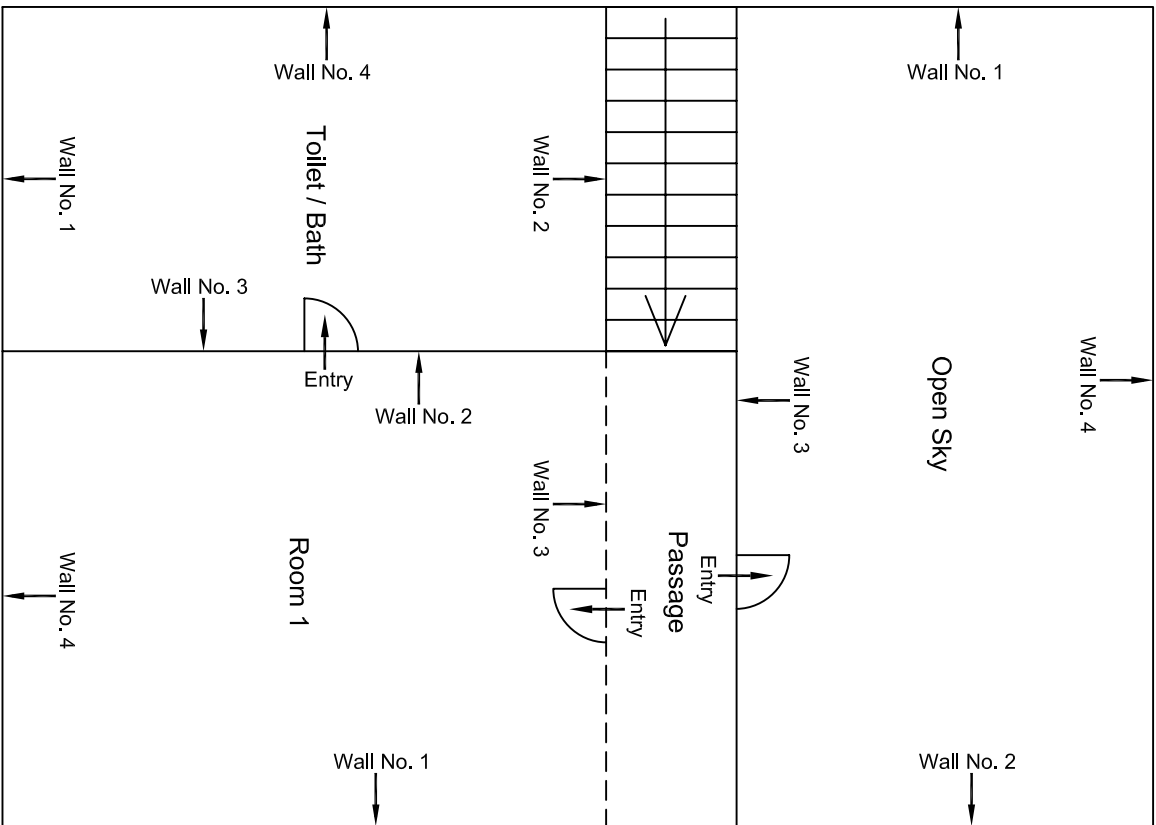
				CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B			
				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B				DRAWING TITLE: First Floor Plan of House NO 2469, Above Shop No.330 Ram Ganj Market			
										DRAWING NO.: AIML/ESG/12315/ BC-RA-UP-0012/FF/TF/ 01			
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										REVISION: R0			

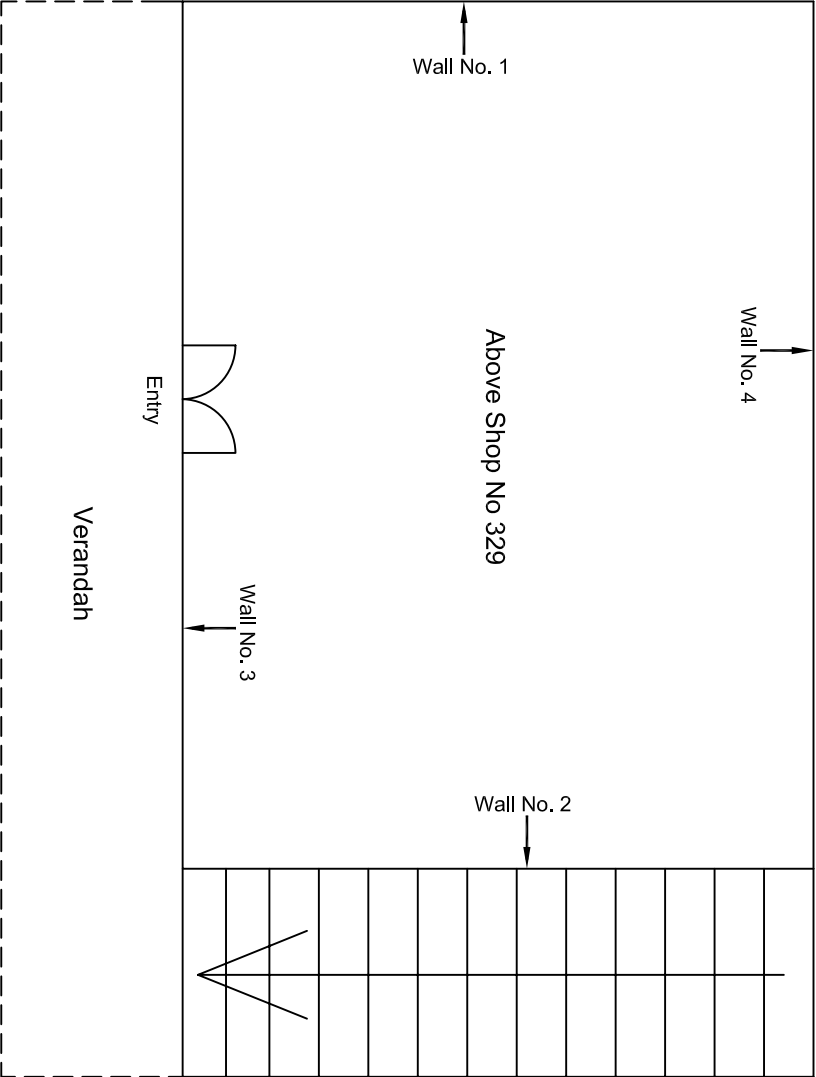




Third Floor Plan

				CONSULTANT: OMIKRON KAPPANIDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Third Floor Plan of House NO. 2469, Above Shop No.330 Ram Ganj Market		DRAWING NO.: AIML/ESG/12315/ BC-RA-UP-0012/FF/TF/ 02	
Revision	Description of Revision	Drawn By	Approved By	Date		SCALE: Not to Scale		REVISION: R0			
00		NP	Dr. PRC	16.11.2013							

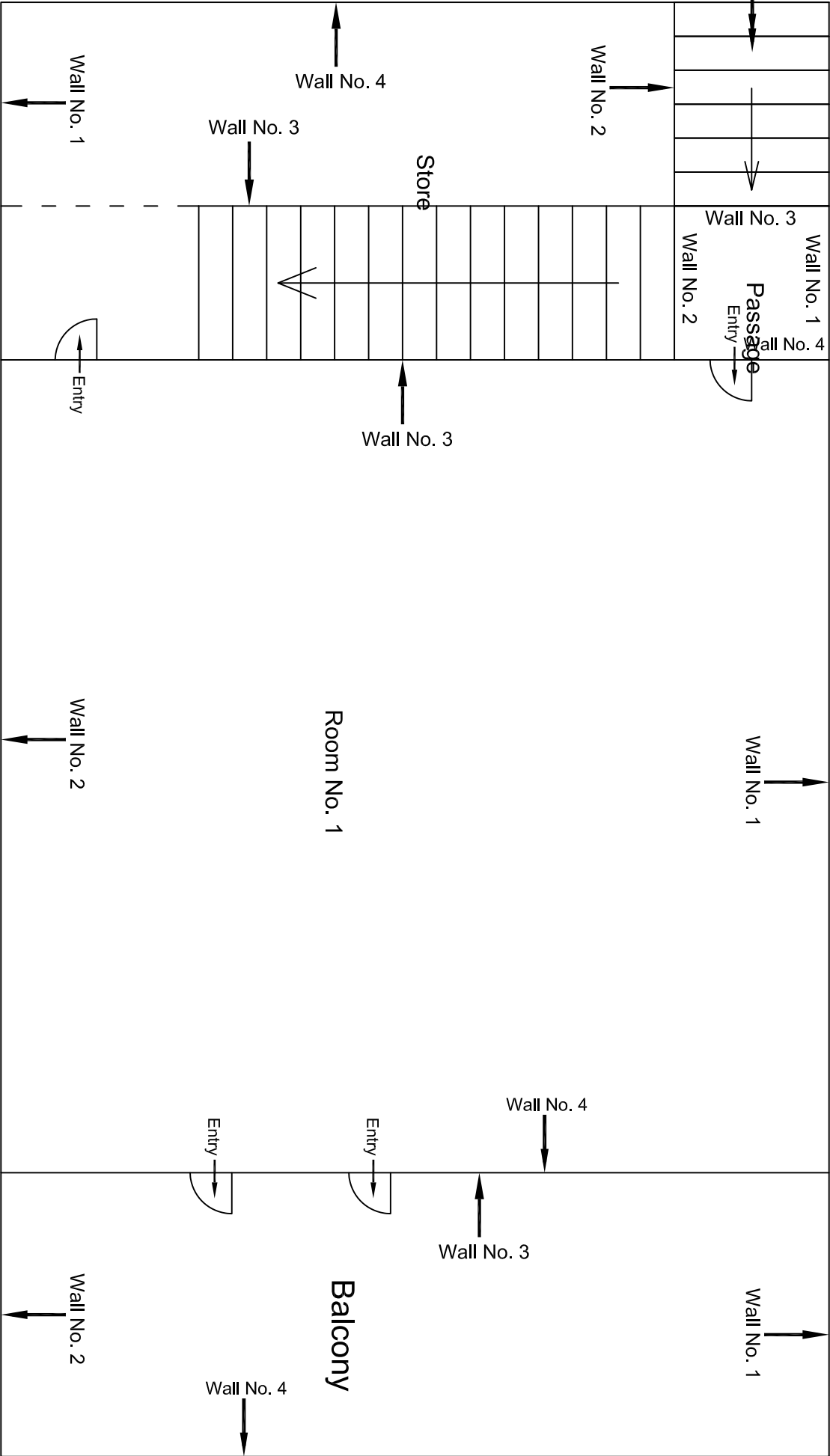
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Ground Floor Plan

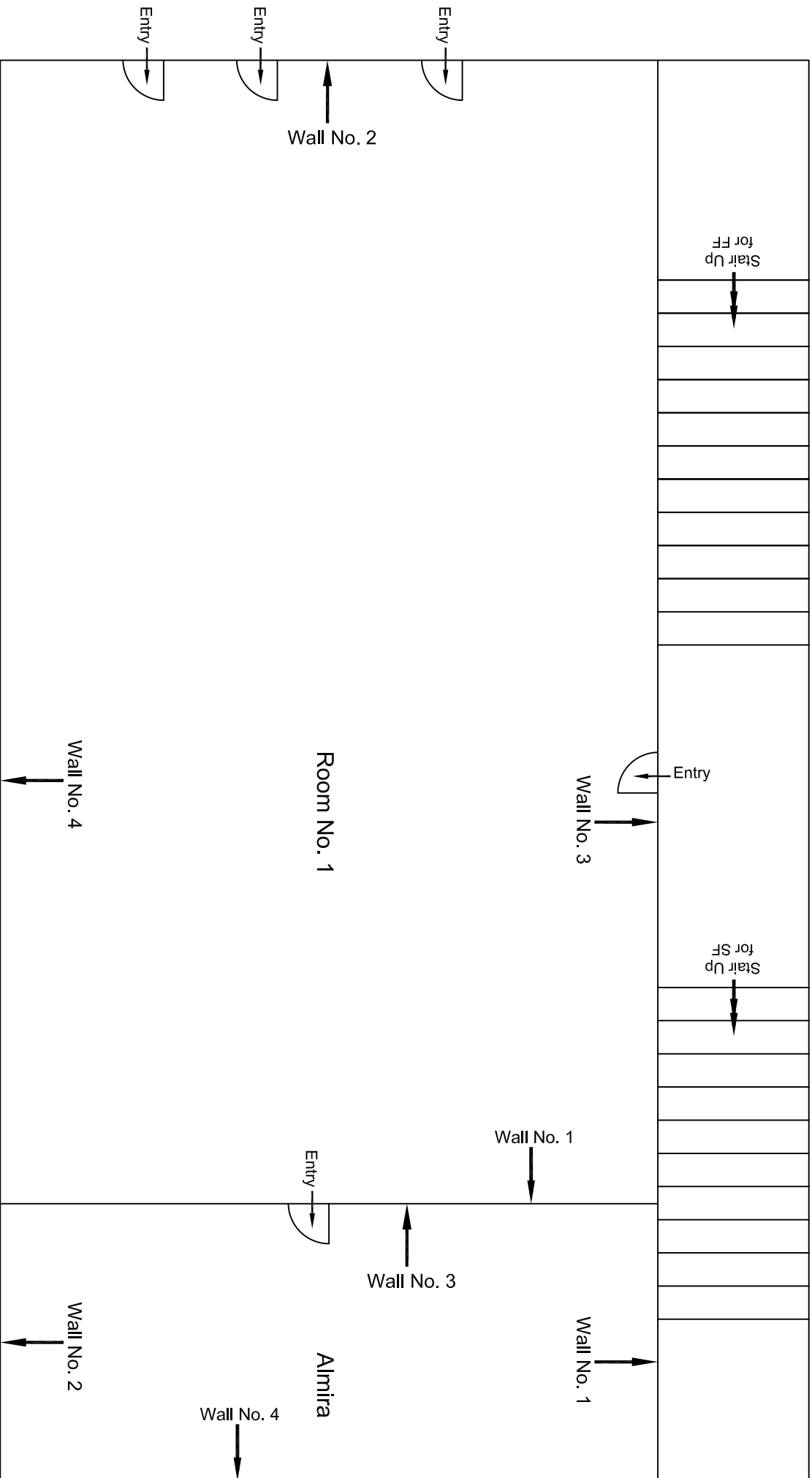
				CONSULTANT: OMIKRON KAPPANUNDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: First Floor Plan of House No. 2466 Above Shop NO. 329, Ram Gani Market		DRAWING NO.: AIML/ESG/12315/ BC-RA-UP-0013/FF/TF/ 01	
										SCALE: Not to Scale	
										REVISION: R0	
00		NP	D: ,PRC	16.11.2013							
Revision	Description of Revision	Drawn By	Approved By	Date							





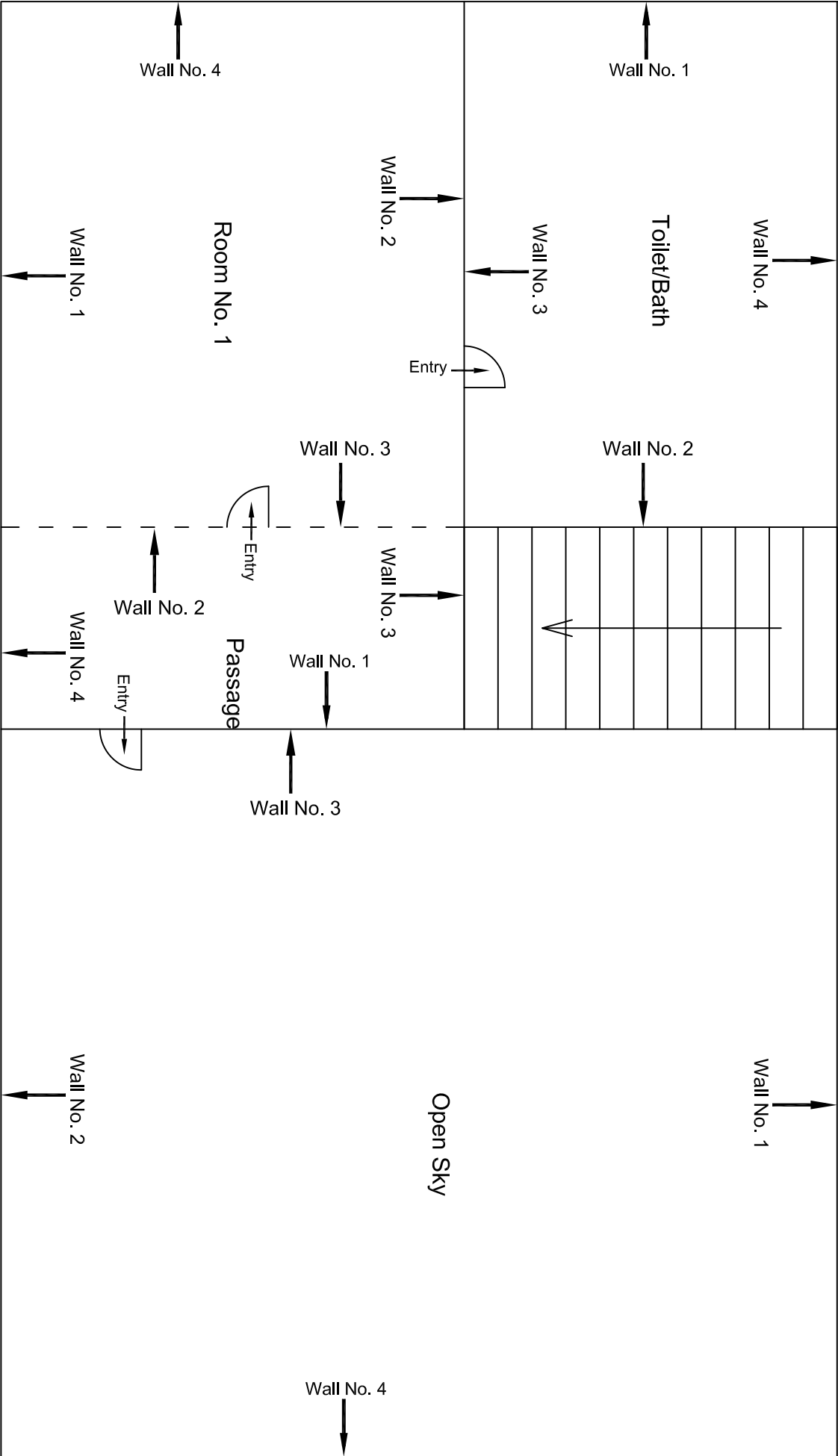
First Floor Plan

					CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED	PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
					CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B		DRAWING TITLE: First Floor Plan of House		
								DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0012/FF-TF /01		
								SCALE: Not to Scale	REVISION:	
00		NP	Dr. PRC	16.11.2013						
Revision	Description of Revision	Drawn By	Approved By	Date						



Third Floor Plan

					CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED	PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B
					CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B		DRAWING TITLE:  Third Floor Plan of House
00		NP	Dr. PRC	16.11.2013				DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0012/FF-TF /02
Revision	Description of Revision	Drawn By	Approved By	Date				SCALE: Not to Scale
								REVISION:



Terrace Floor Plan

				CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Terrace Floor Plan of House No. 2465		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0012/FF-TF /03		
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00		NP	Dr. PRC	16.11.2013								
Revision	Description of Revision	Drawn By	Approved By	Date								

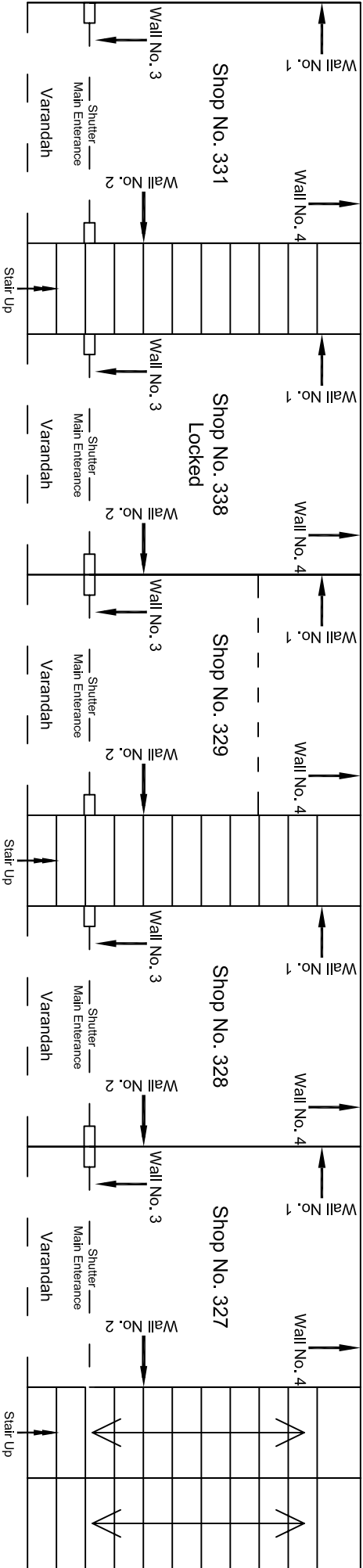


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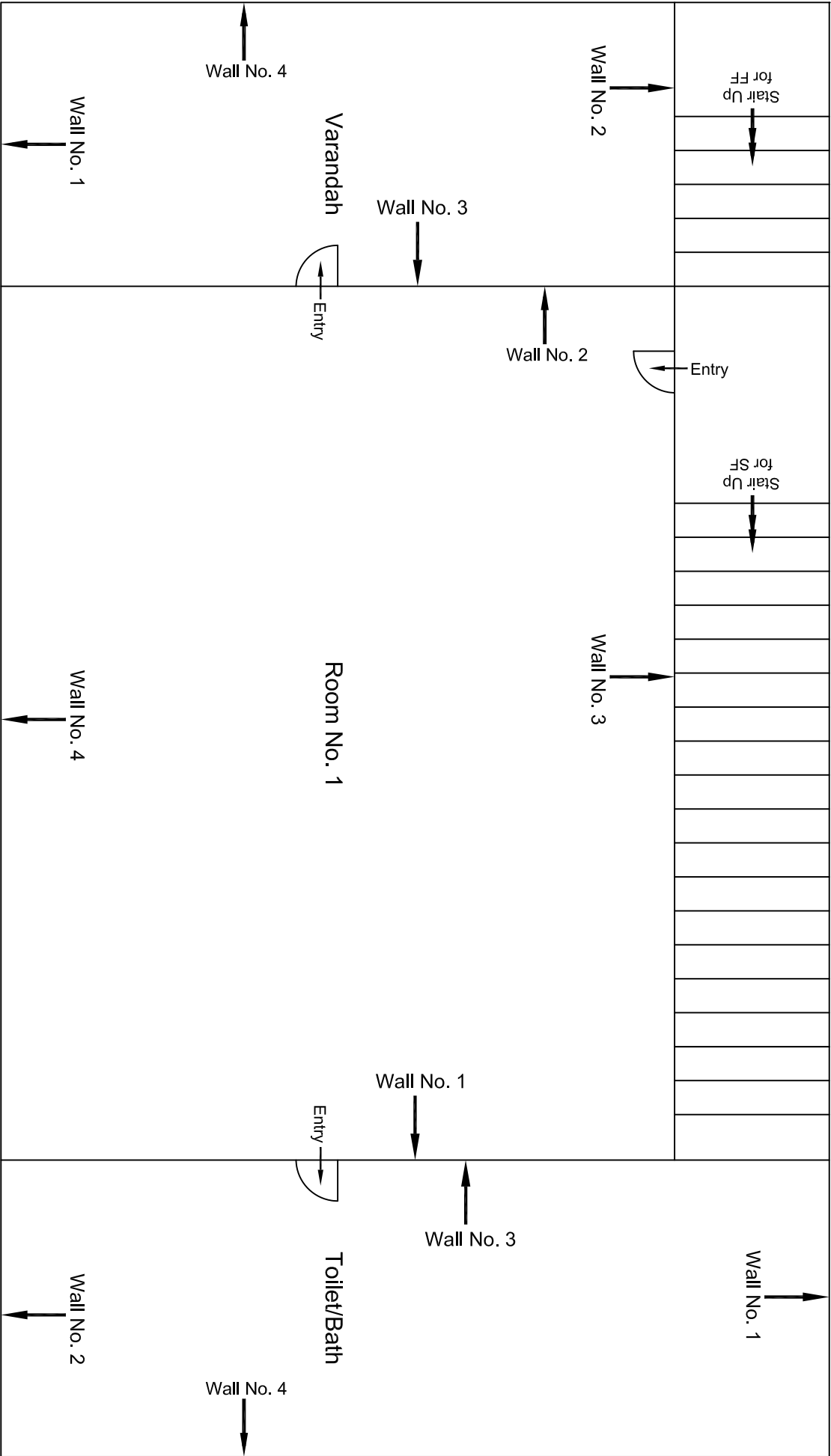
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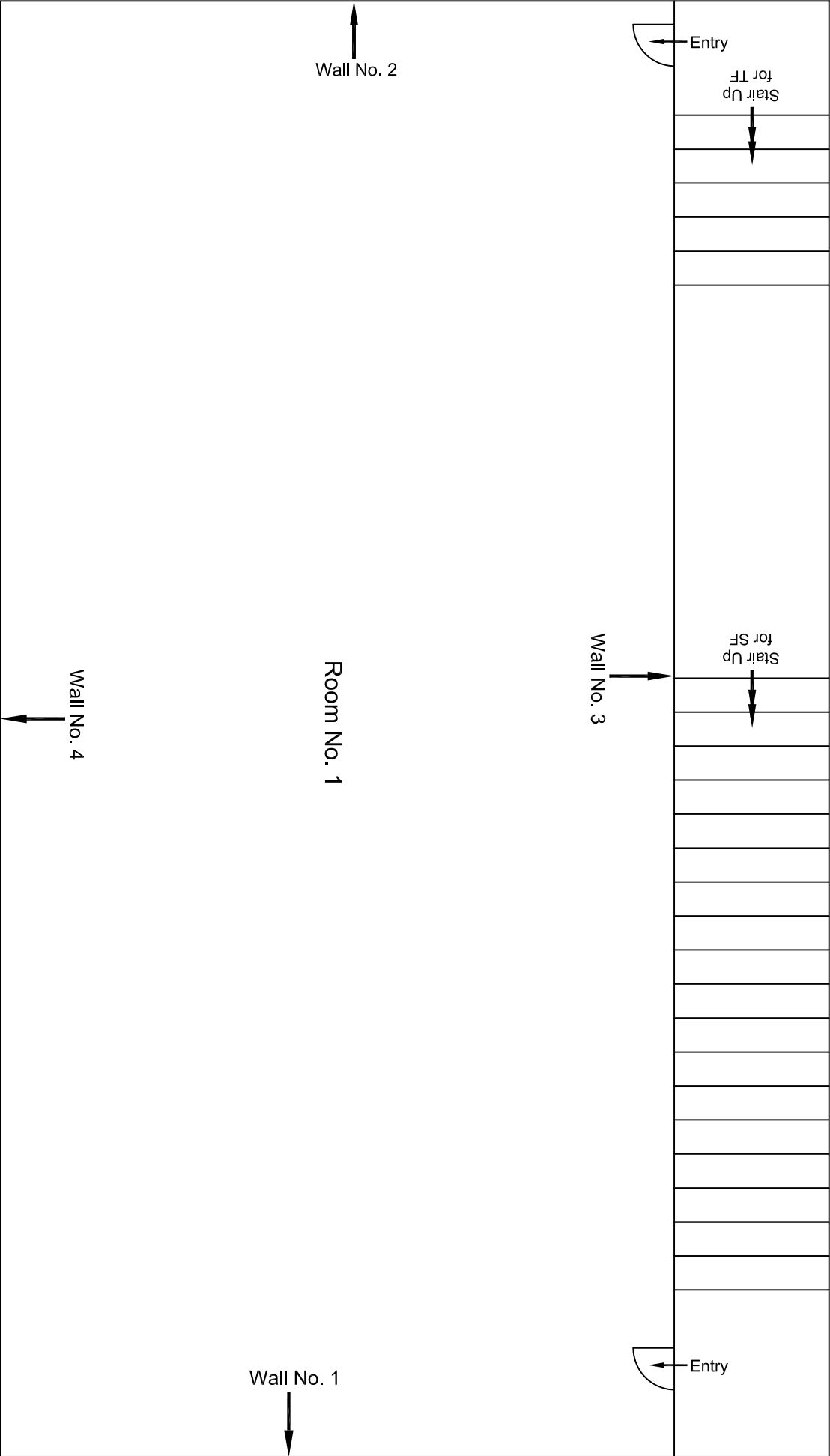
Ground Floor Plan

				CONSULTANT:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:
				OMIKRON KAPPA - INDUS	CEC	AIMIL LIMITED	Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B
				CONSULTTRANS JV			
00		NP	Dr. PRC	16.11.2013	CLIENT:	CONTRACT:	DRAWING NO.:
					DMRC/JMRC	Jaipur Metro Phase 1B	AIMIL/ESG/12315/ BC-RA-UP-0013 /01
Revision	Description of Revision	Drawn By	Approved By	Date			SCALE:
							Not to Scale
							REVISION:
							R0



First Floor Plan

					CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED	PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B			
					CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B					
00		NP	Dr. PRC	16.11.2013							
Revision	Description of Revision	Drawn By	Approved By	Date							
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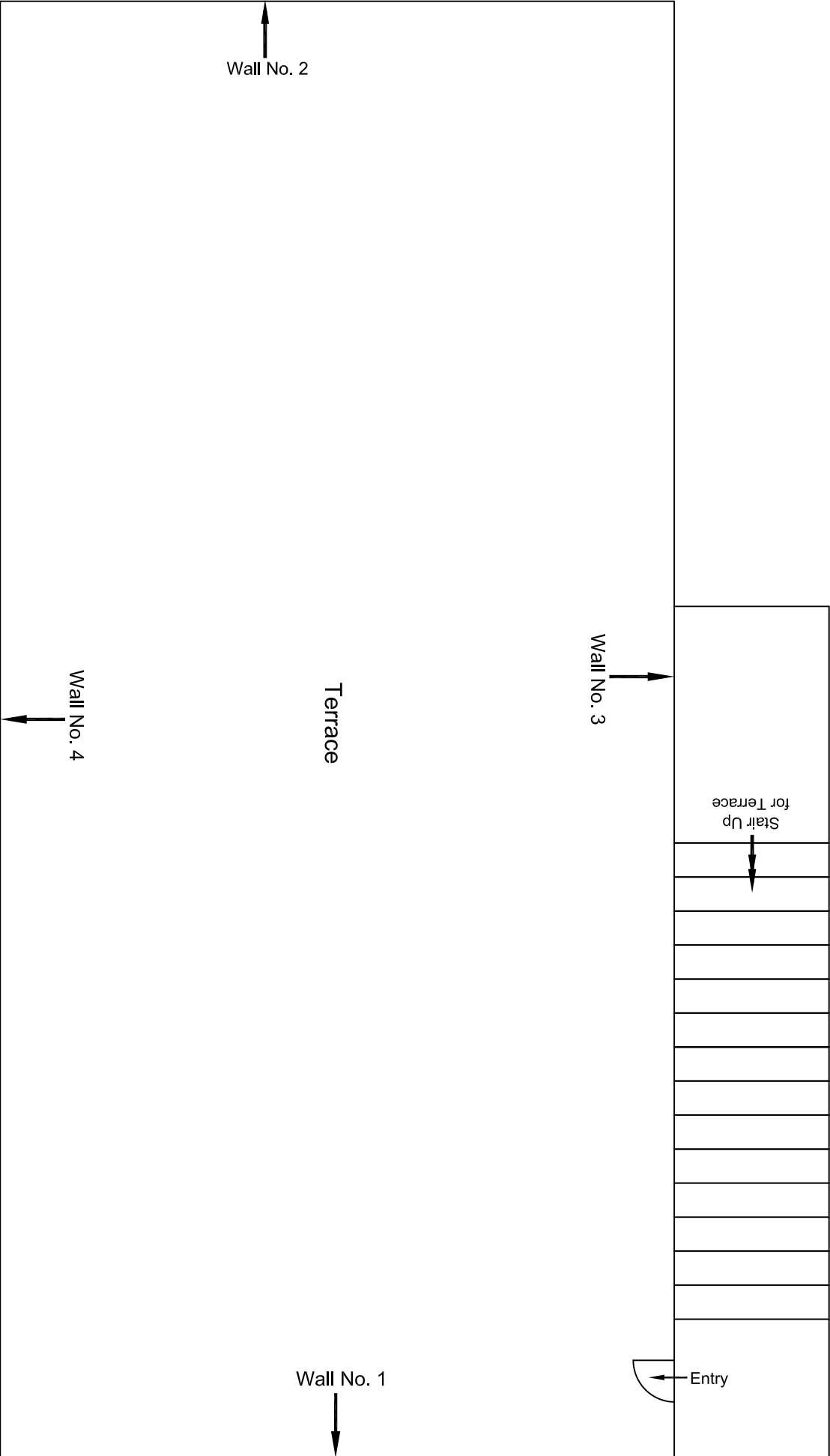
Second Floor Plan

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					CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B			
00		NP	Dt. PRC	16.11.2013	DRAWING TITLE: Second Floor Plan of House No. 2465				DRAWING NO.: AIML/ESG/12315/ BC-RA-UP-0013/FF-TF /02
Revision	Description of Revision	Drawn By	Approved By	Date	SCALE: Not to Scale				REVISION:

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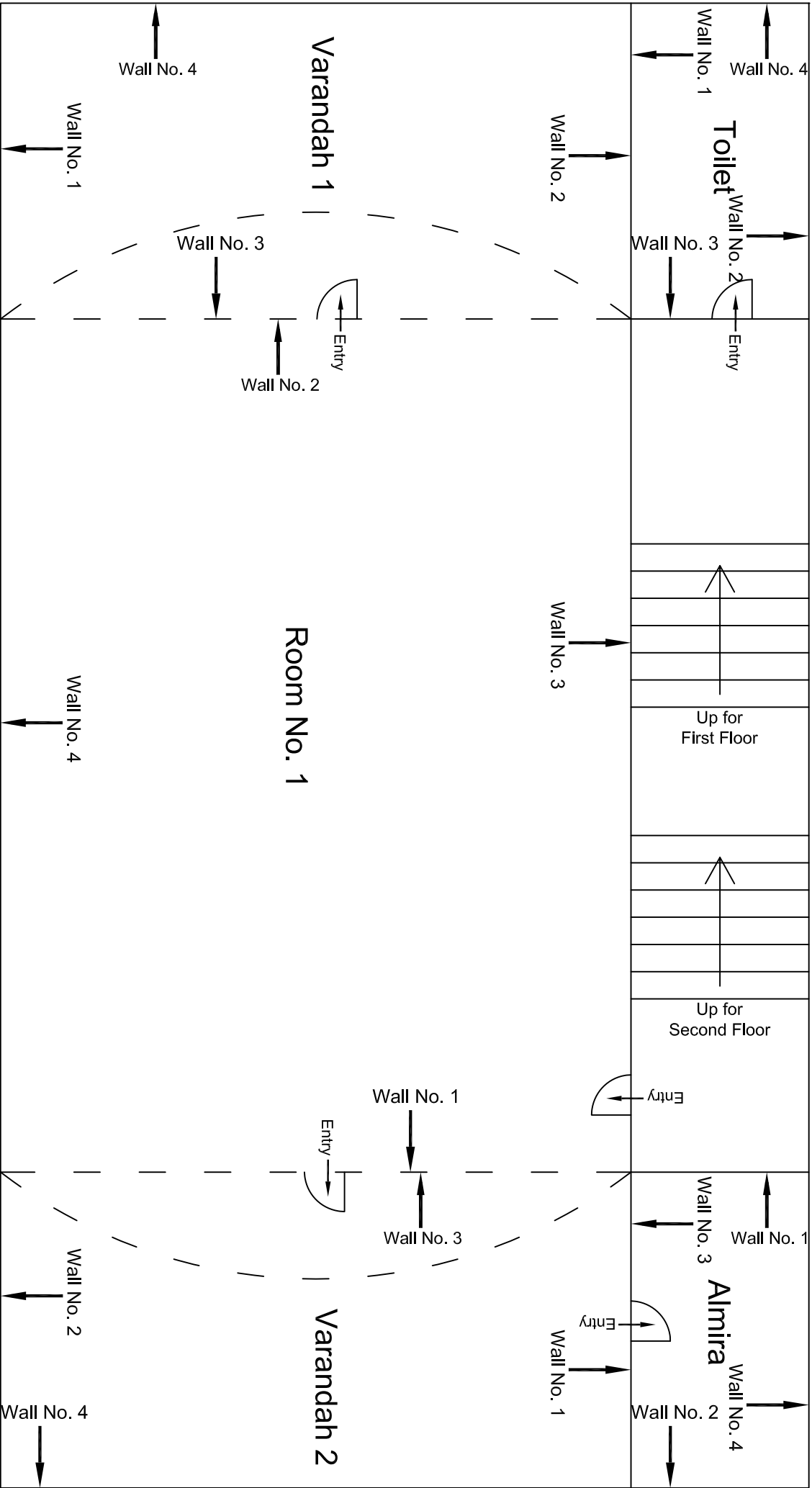






Terrace Floor Plan

					CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED	PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
					CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B		DRAWING TITLE:  Terrace Floor Plan of House No. 2465	
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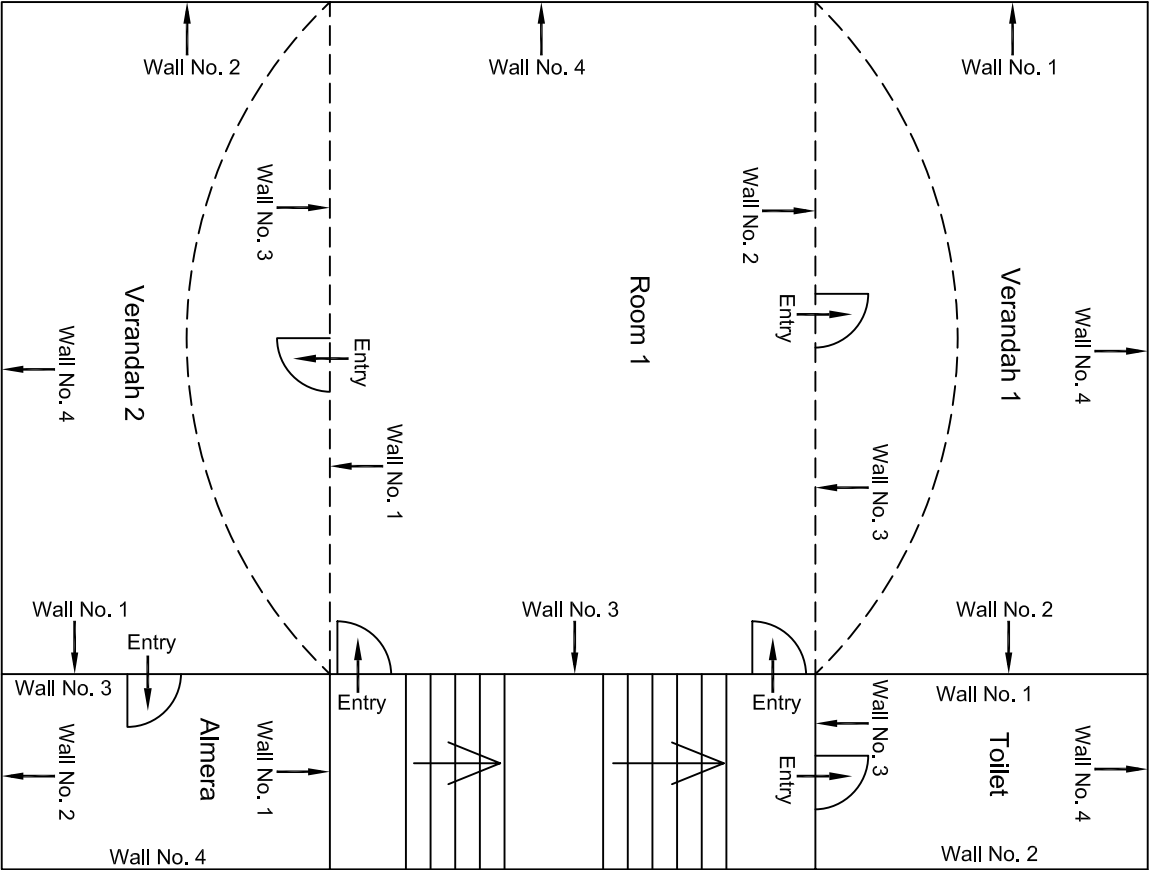


Typical Drawing of First & Second Floor Plan

					CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED	PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
					CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B		DRAWING TITLE:  Typical Drawing of First & Second Floor Plan of House No. 2463 above Shop No. 327		
00		NP	Dr. PRC	16.11.2013				DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0014/FF-TF /01		
Revision	Description of Revision	Drawn By	Approved By	Date				SCALE: Not to Scale		





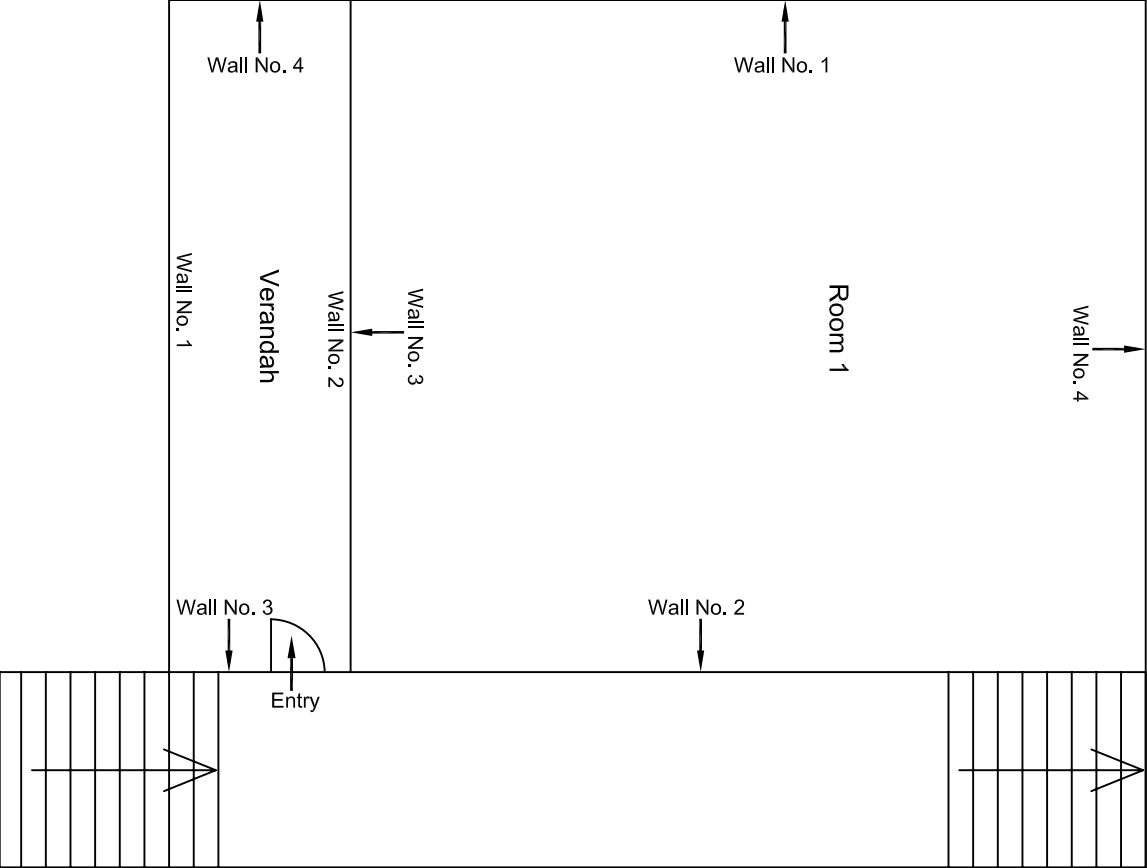


First Floor Plan

				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM. Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: First Floor Plan of House NO. 2463 Above Shop No. 377 Ram Ganj Market		DRAWING NO.: AIML/ESG/12315/ BC-RA-UP-0014/FF/TF/ 01	
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00		NP	D. PRC	16.11.2013							
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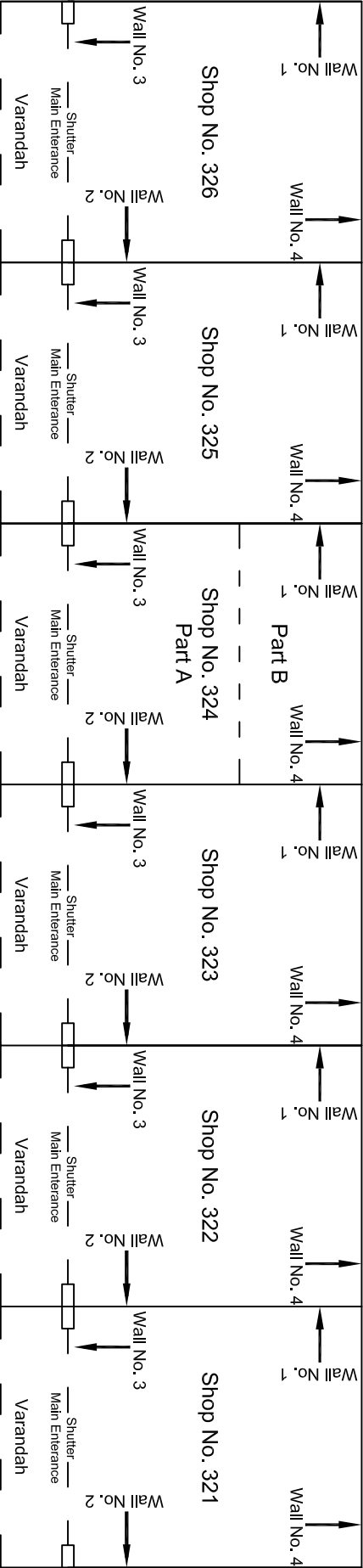






Second Floor Plan

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				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Third Floor Plan of House NO. 2463 Above Shop No. 377 Ram Ganj Market		DRAWING NO.: AIML/ESG/12315/ BC-RA-UP-0014/FF/TF/ 03		
Revision	Description of Revision	Drawn By	Approved By	Date		SCALE: Not to Scale		REVISION: R0				
00		NP	Dr. PRC	16.11.2013								



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BC-RA-UP-0016-325

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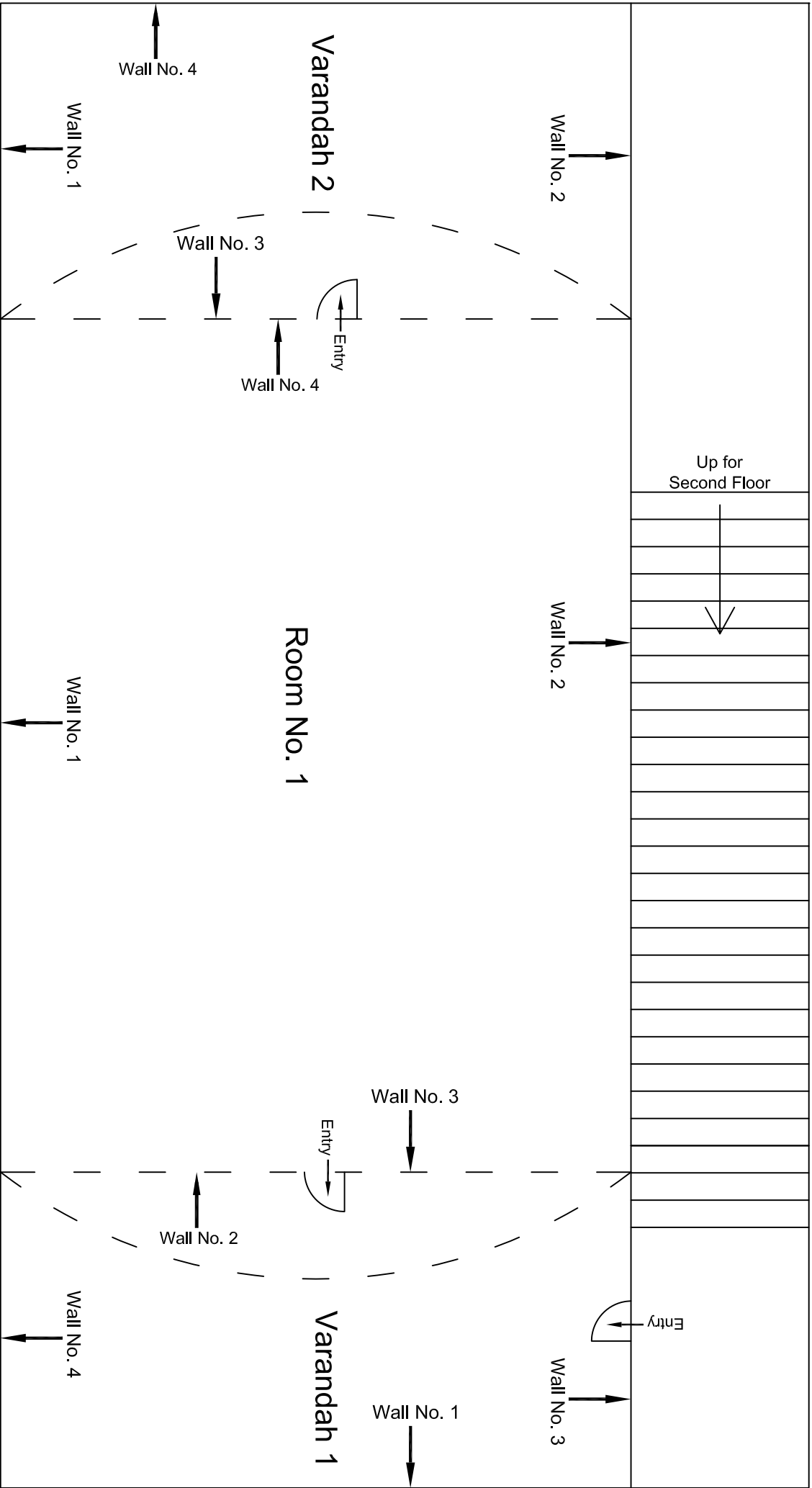
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					CONSULTTRANS JV				
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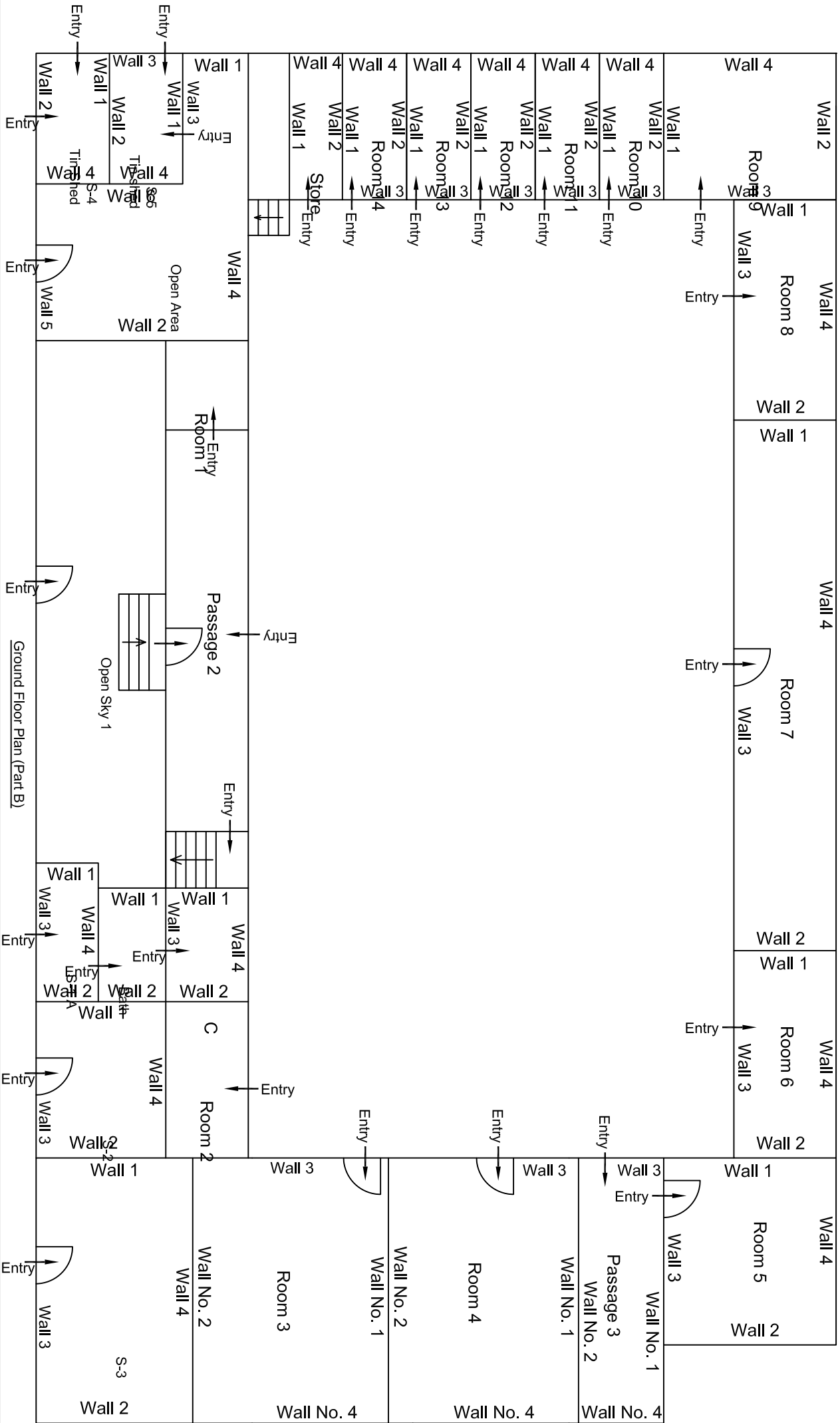






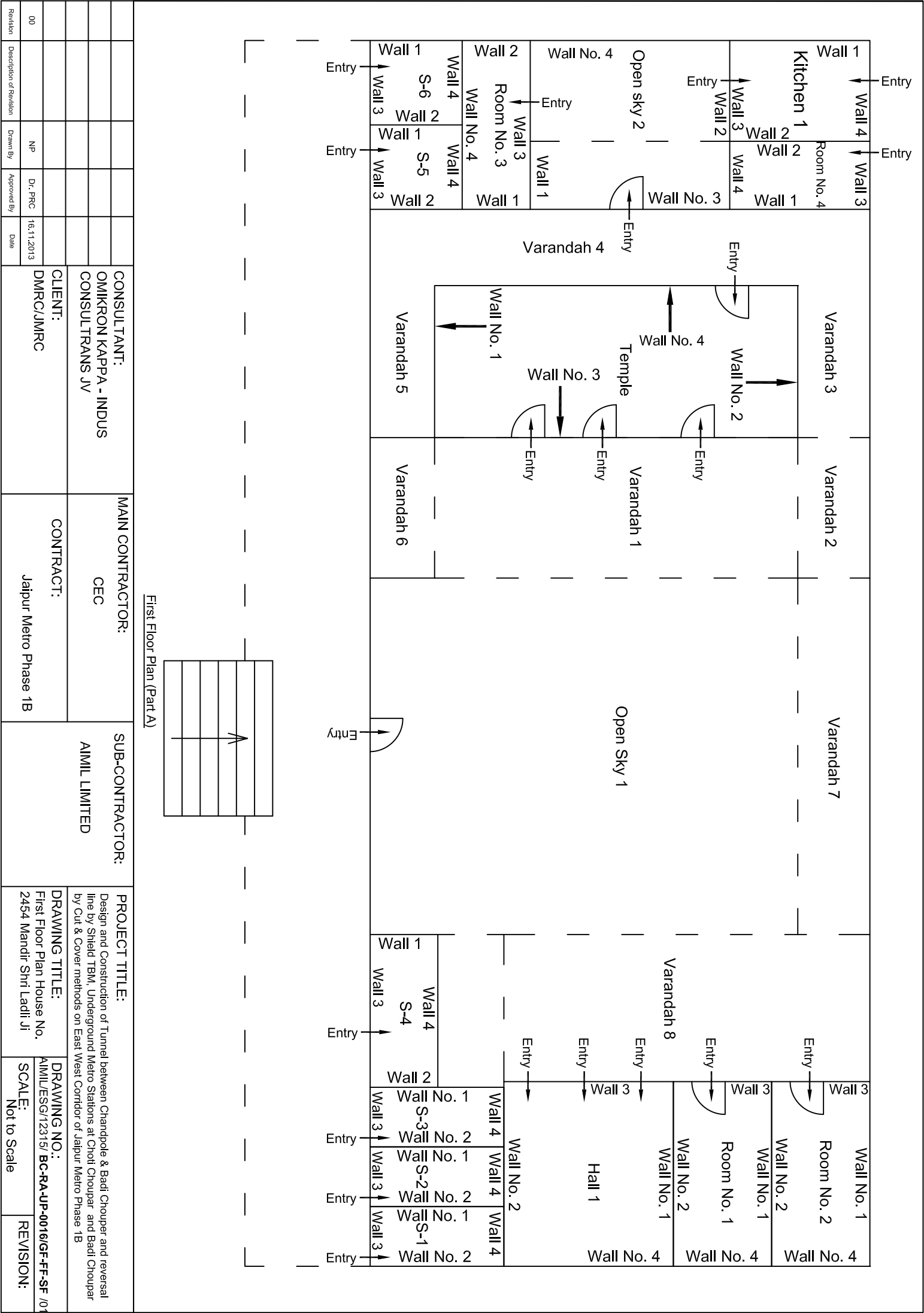
Second Floor Plan

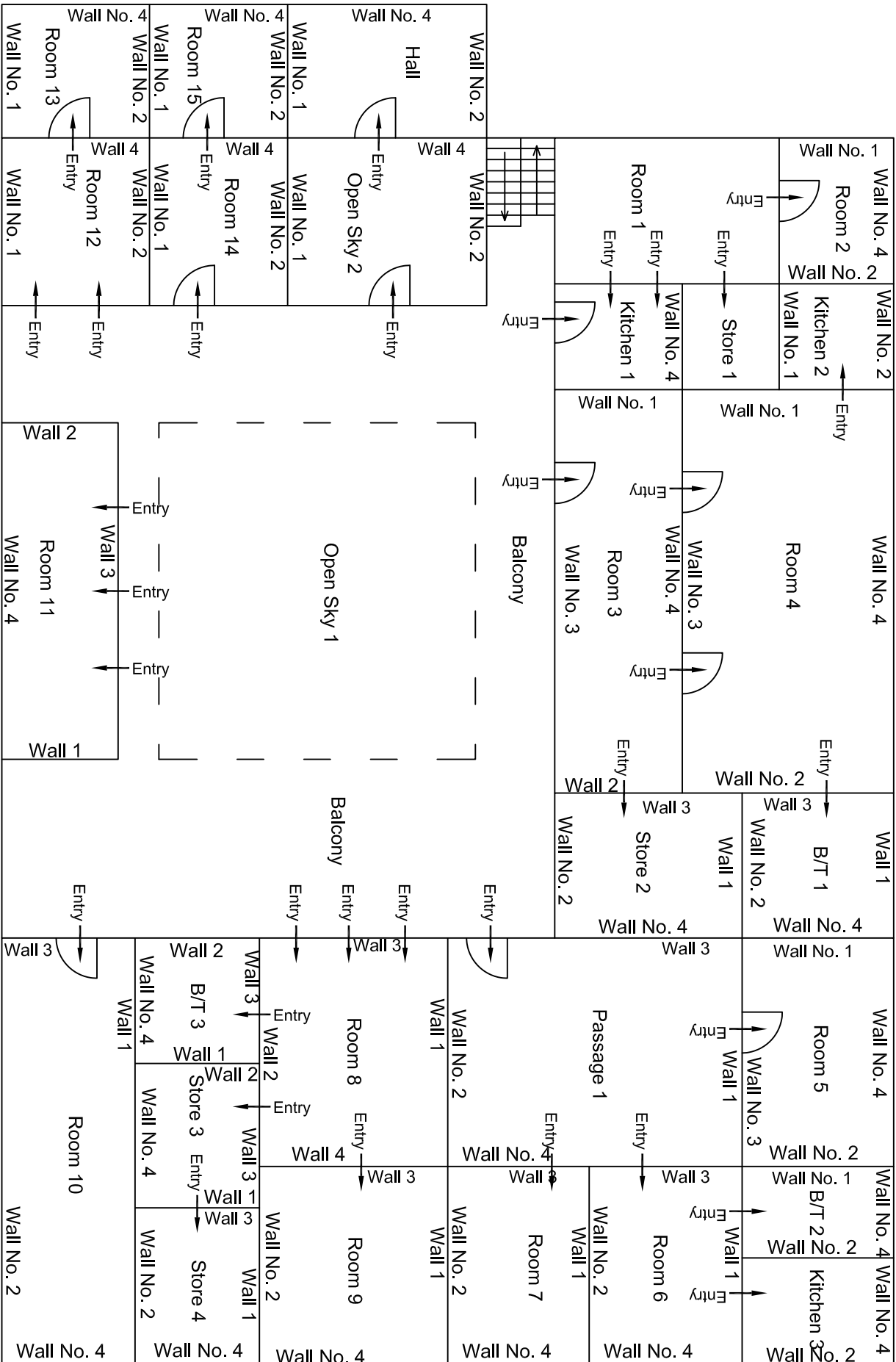
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				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Second Floor Plan of House No. 2462 above Shop No. 326		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0015/FF-SF /02		
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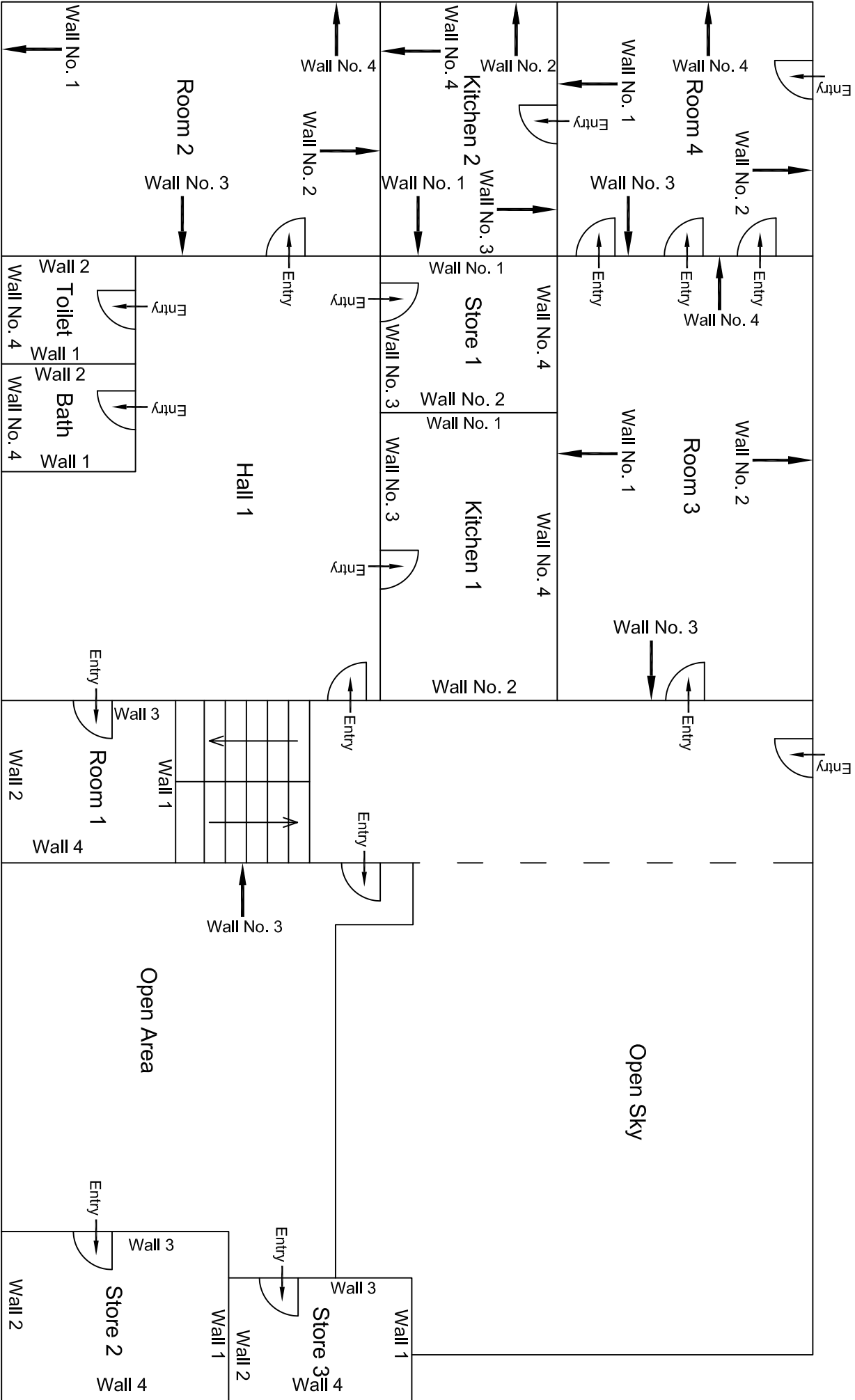


First Floor Plan (Part B)

			CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM. Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
			CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: First Floor Plan House No. 2454 Mandir Shri Ladi Ji		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0016/GF-FE-SF /01		
00		NP	Dr. PRC				SCALE: Not to Scale		REVISION:		
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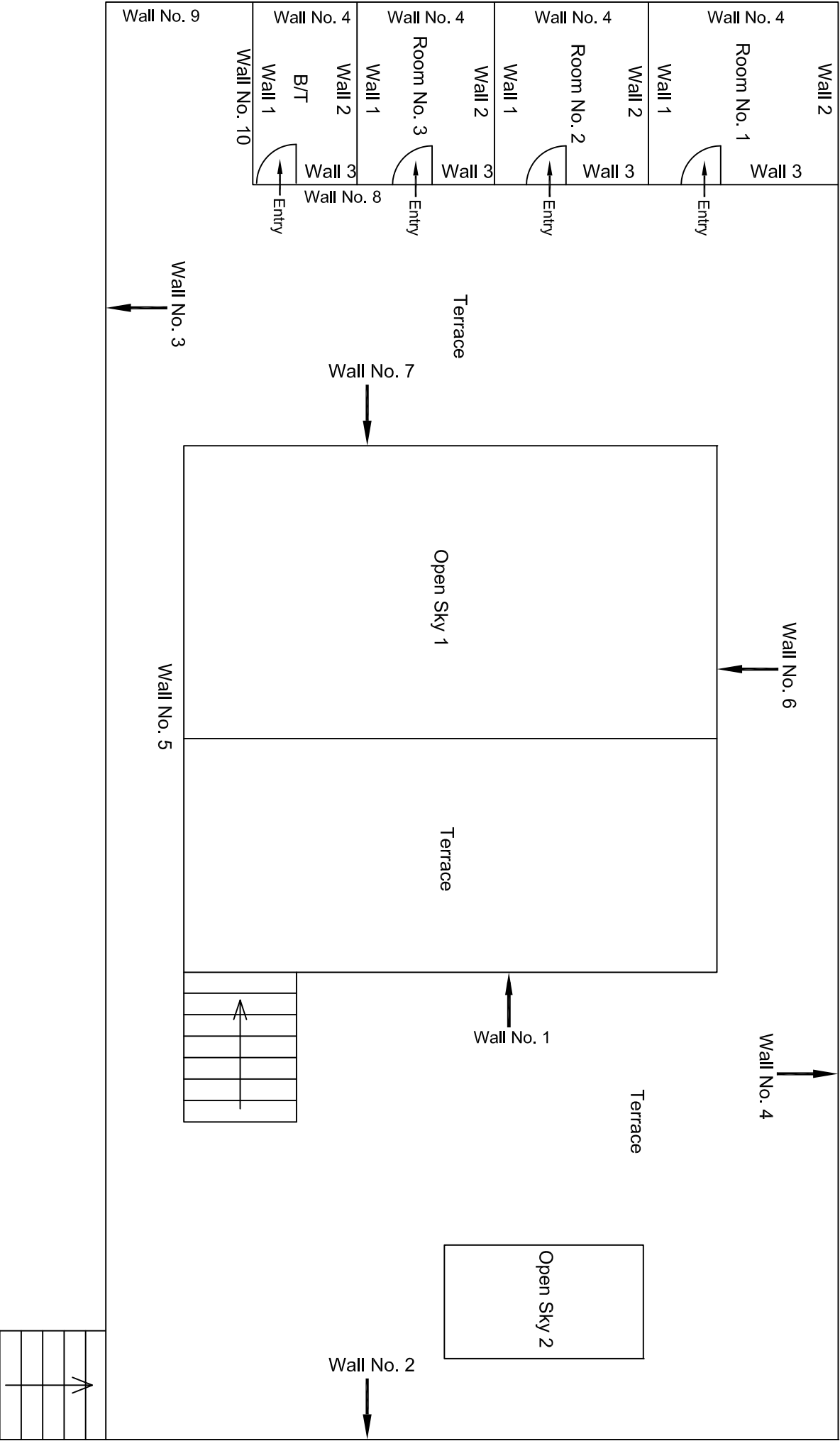




Second Floor Plan

					CONSULTANT:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:		
					OMIKRON KAPPA - INDUS	CEC	AIMIL LIMITED	Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
					CONSULTRANS JV					
					CLIENT:	CONTRACT:		DRAWING TITLE:		
					DMRC/JMRC	Jaipur Metro Phase 1B		Second Floor Plan House		
00		NP	Dr. PRC	16.11.2013				No. 2454 Mandir Shri Ladli		
Revision	Description of Revision	Drawn By	Approved By	Date				Jl		
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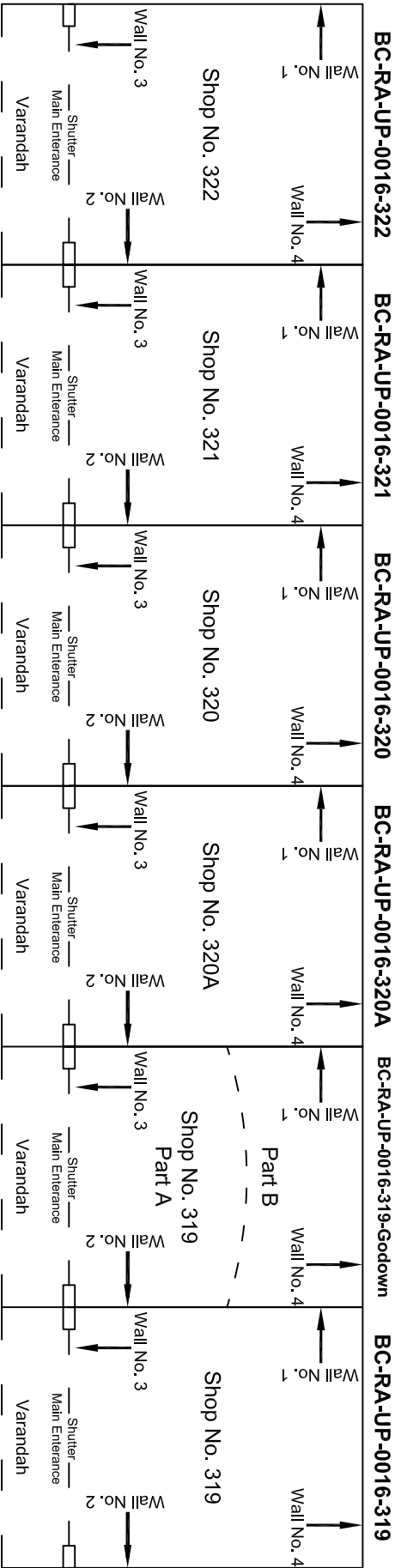
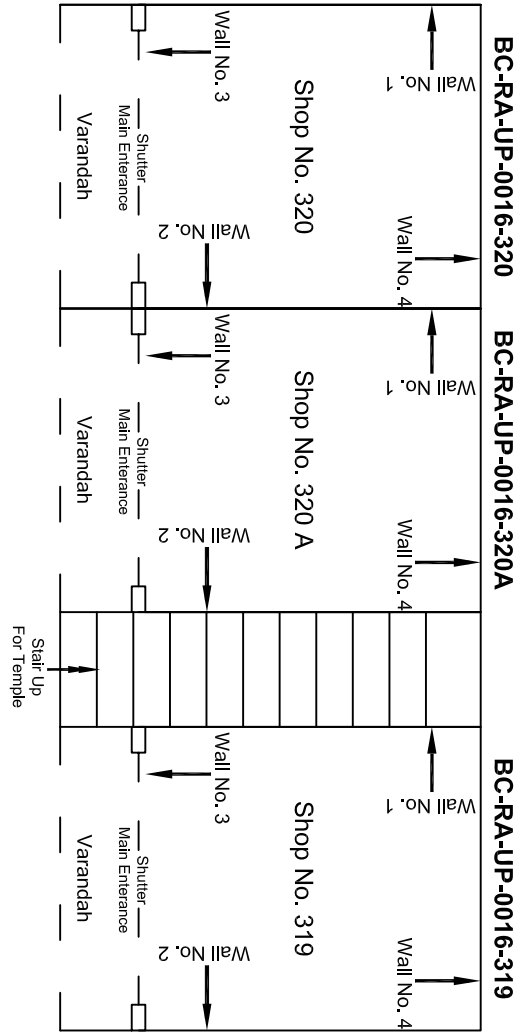




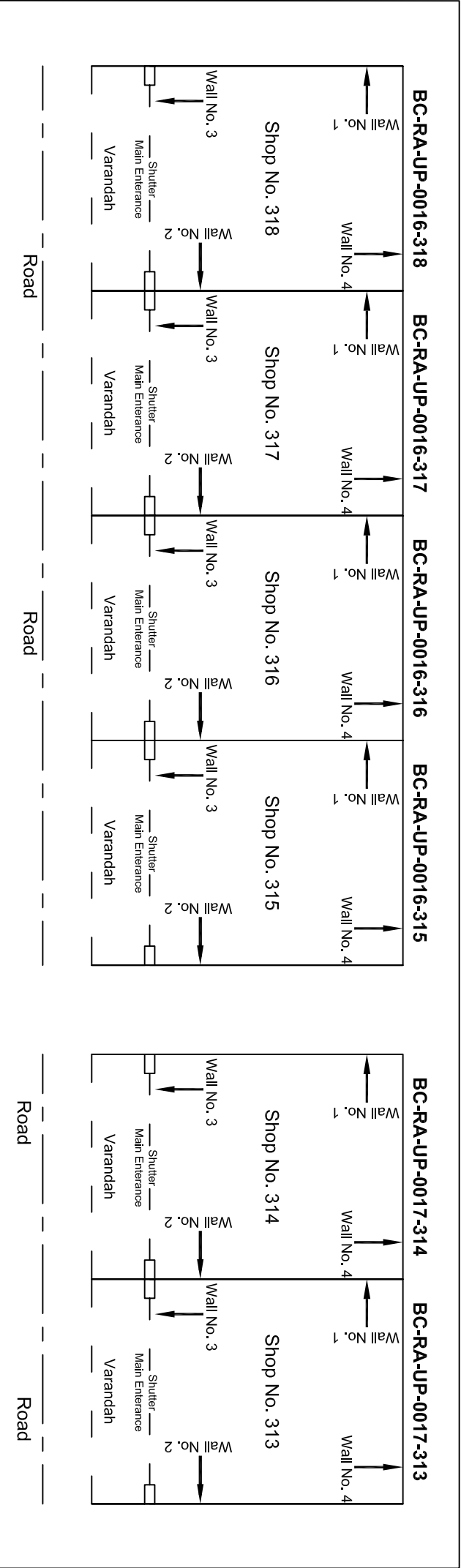
Terrace Floor Plan

					CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED	PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Chhoti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
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00		NP	Dr. PRC	16.11.2013				SCALE: Not to Scale	REVISION:	
Revision	Description of Revision	Drawn By	Approved By	Date						





Road				Road				Road			
Ground Floor Plan											
				CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED		PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B			
				CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B						
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Revision	Description of Revision	Drawn By	Approved By	Date							
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Ground Floor Plan

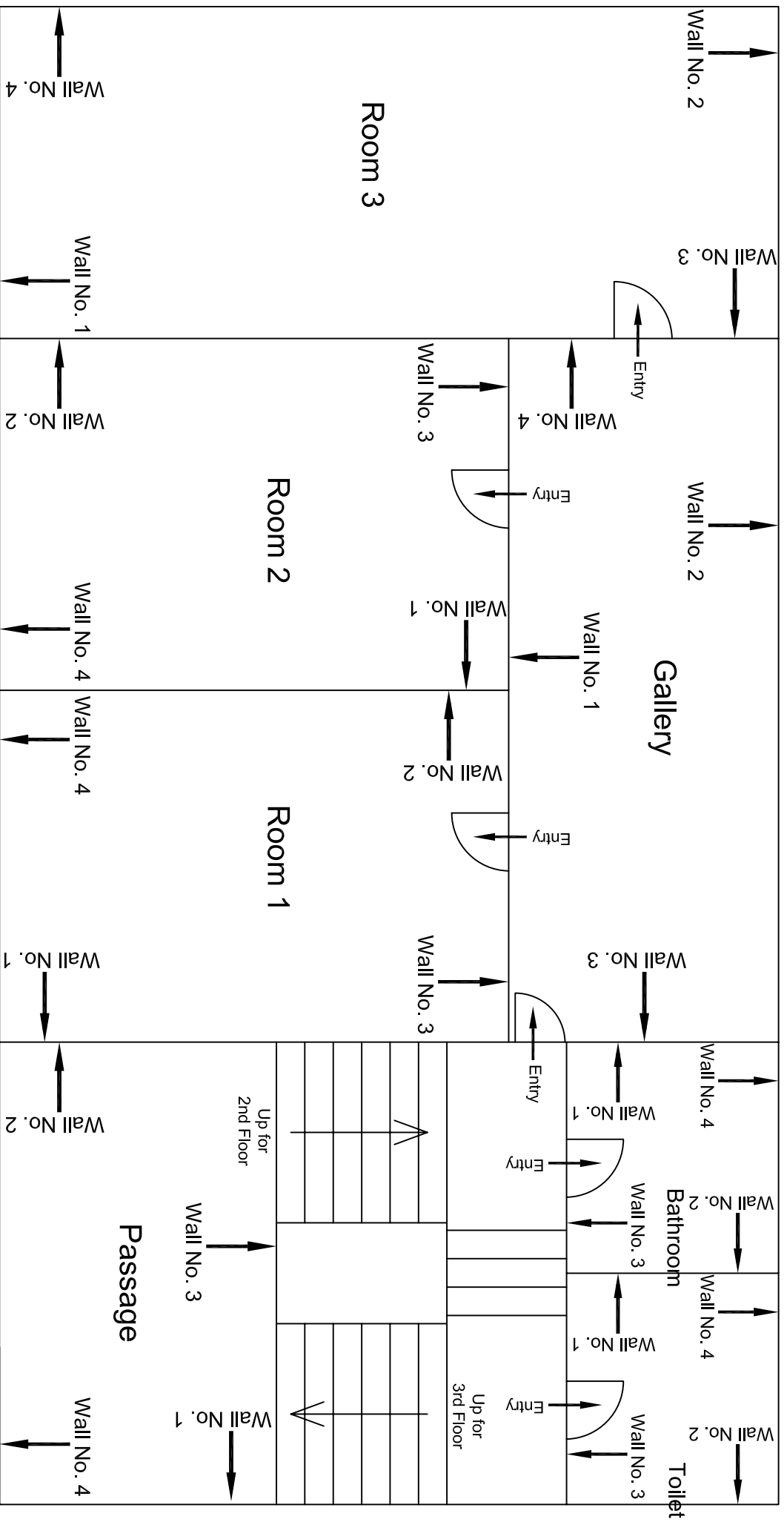
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				OMIKRON KAPPA - INDUS	CEC	AIMIL LIMITED			
				CONSULTRANS JV					
				CLIENT:	CONTRACT:				
00				NP	Dr. PRC	16.11.2013	DRAWING TITLE: Ground Floor Plan of Shops		
Revision	Description of Revision	Drawn By	Approved By	Date	DMRC/JMRC			Jaipur Metro Phase 1B	
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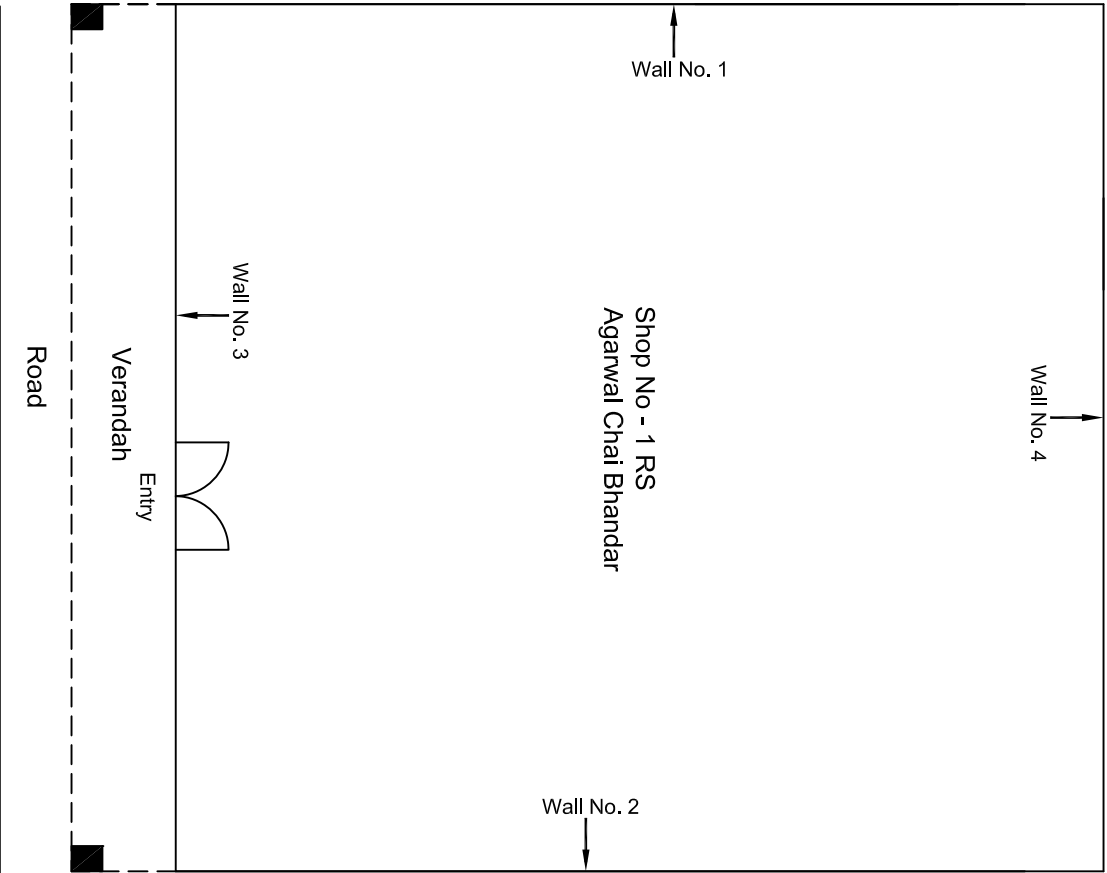




### Typical Drawing of Second & Third Floor Plan

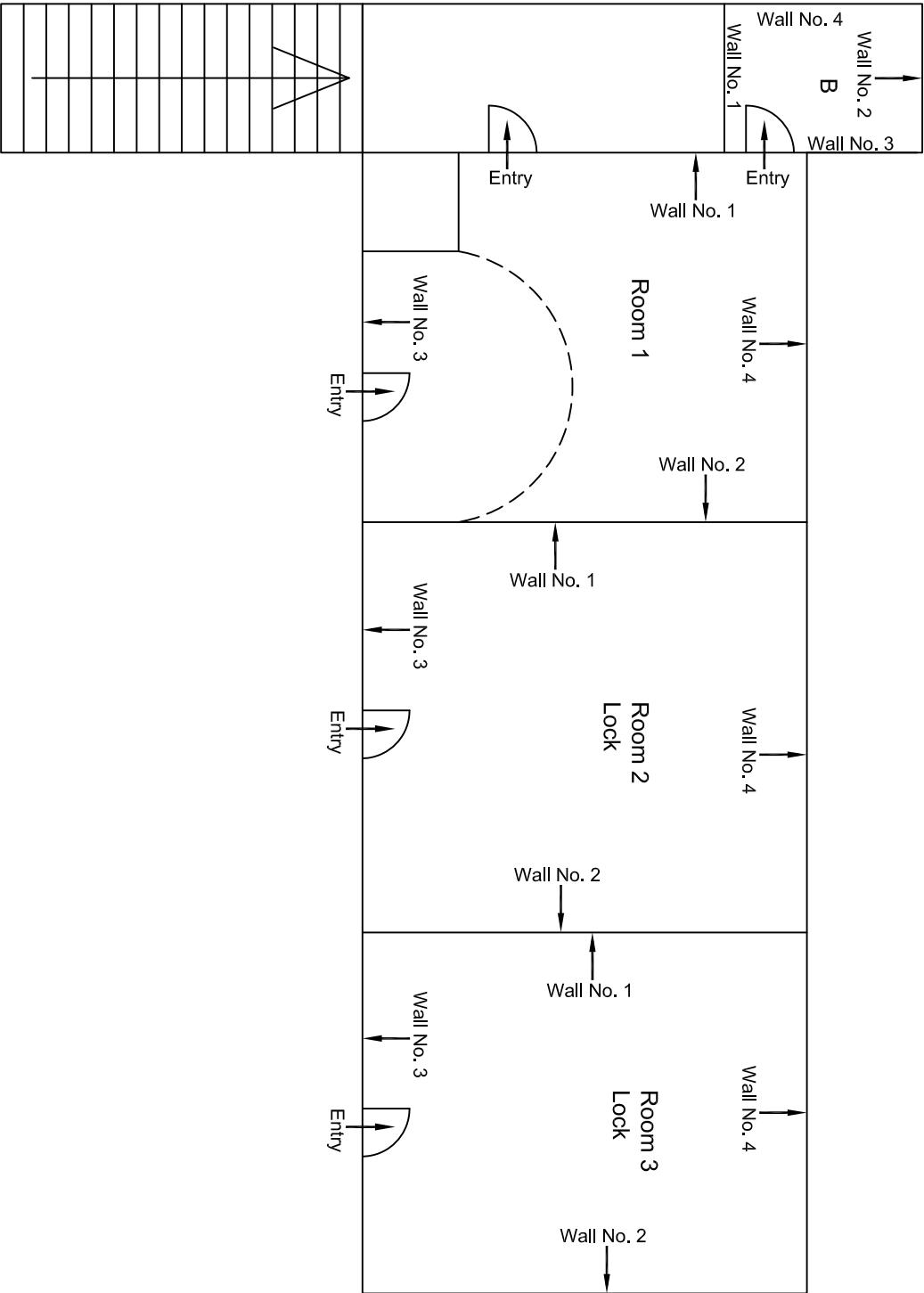
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						CLIENT: DMRC/JMRC			CONTRACT:  Jaipur Metro Phase 1B						DRAWING TITLE: Typical Drawing of Second & Third Floor Plan of House No. 2445					
00		NP	Dt. PRC	16.11.2013											DRAWING NO.: AIMIL/ESG/12315/ BC-RA-DN-0017/F-SF-TF /02					
Revision	Description of Revision	Drawn By	Approved By	Date											SCALE: Not to Scale			REVISION: R0		





Ground Floor Plan

				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 1 RS Agarwal Chai Bhandar Ranganj Bazar Badi Choped		DRAWING NO.: AIM/ESG/12315/ BC-RA-UP-0017/1 RS/ 01		
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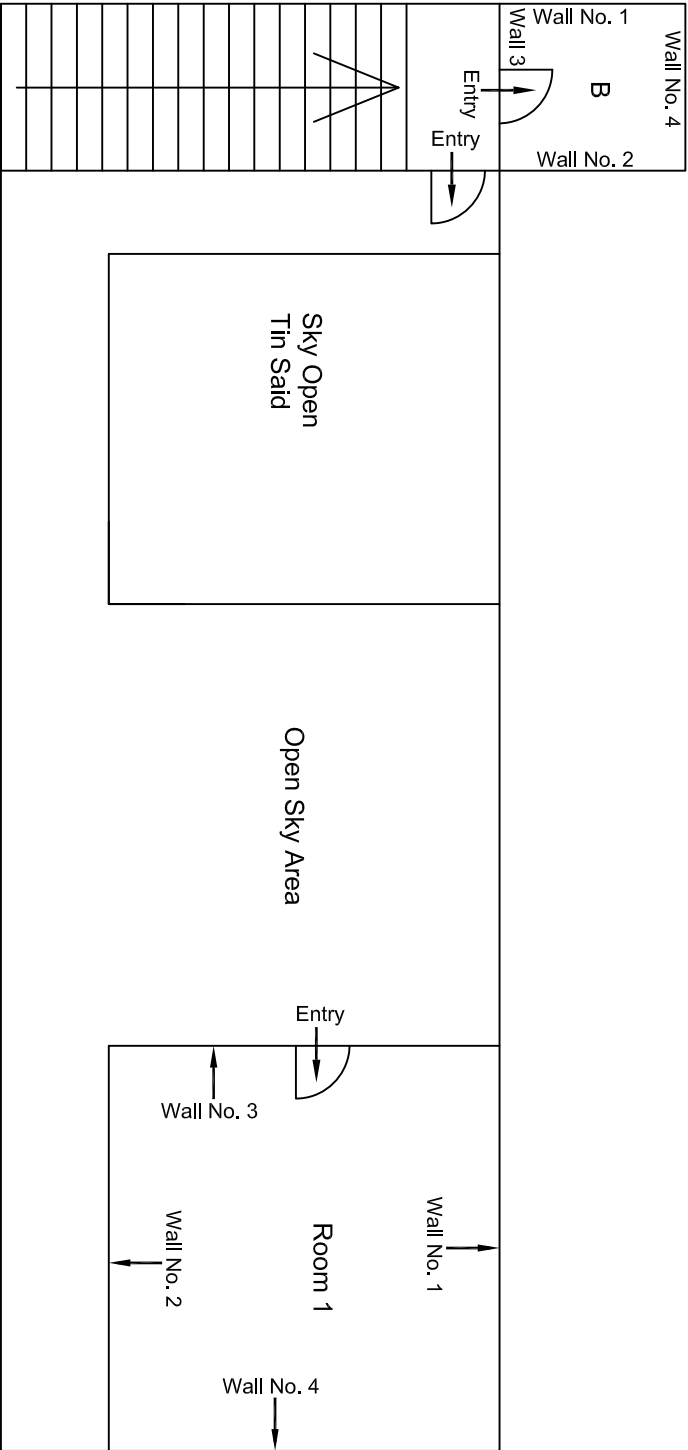


First Floor Plan

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				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: First Floor Plan of Above Shop No 309,311 Ramgani Bazar Badi Choped		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0018/FTF/ 01	
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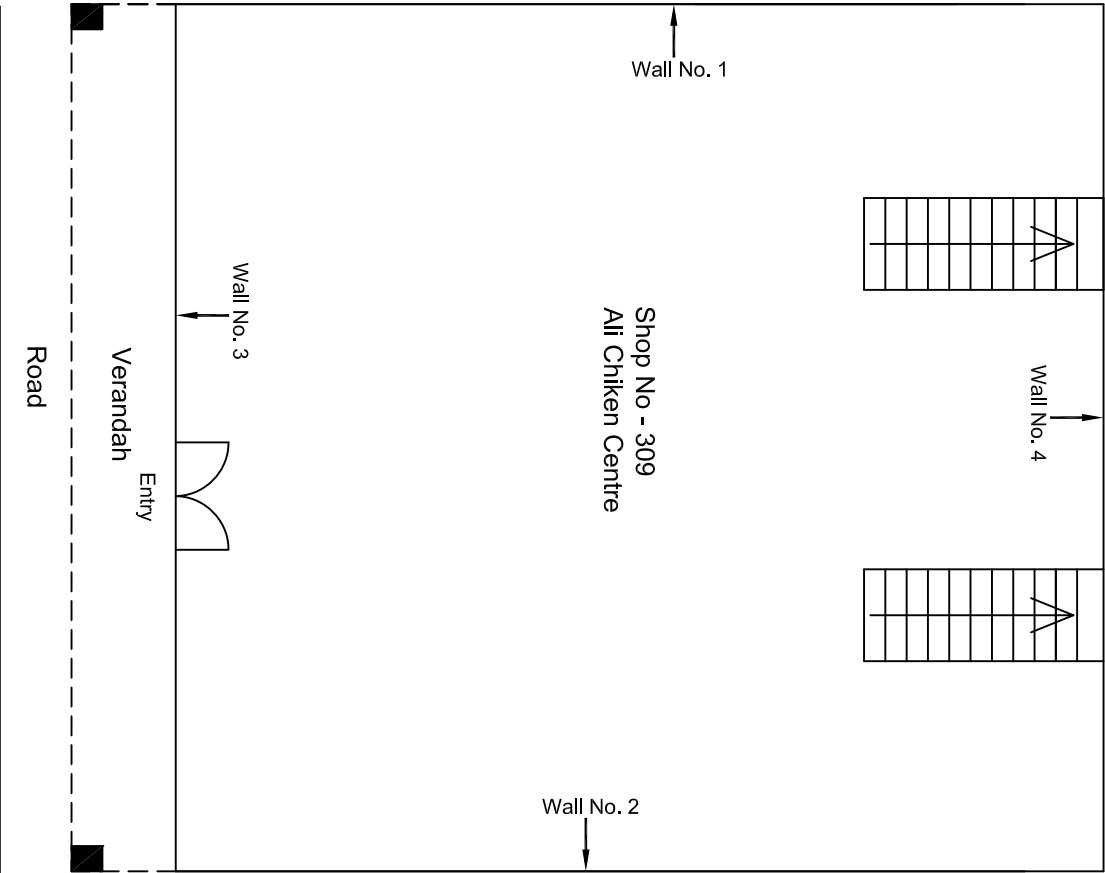






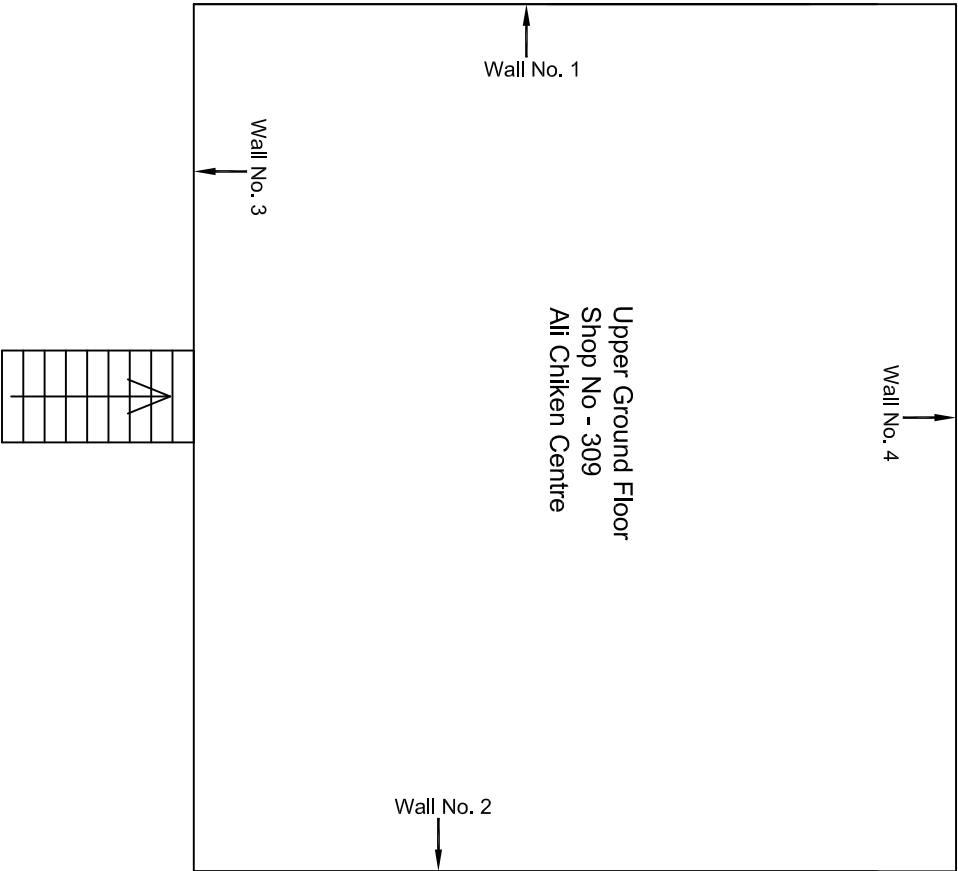
Third Floor Plan

				CONSULTANT: OMIKRON KAPPANIDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Third Floor Plan of Above Shop No 309,311 Rangani Bazar Badi Choped		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0018/FF/TF/ 03		
00		NP	D: ,PRC	16.11.2013				SCALE: Not to Scale		REVISION: R0		
Revision	Description of Revision	Drawn By	Approved By	Date								



				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 309 Ali Chicken Centre Ranganj Bazar Badi Choped	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0018/309/ 01	REVISION: R0
00		NP	D. PRC	16.11.2013					
Revision	Description of Revision	Drawn By	Approved By	Date					

Ground Floor Plan

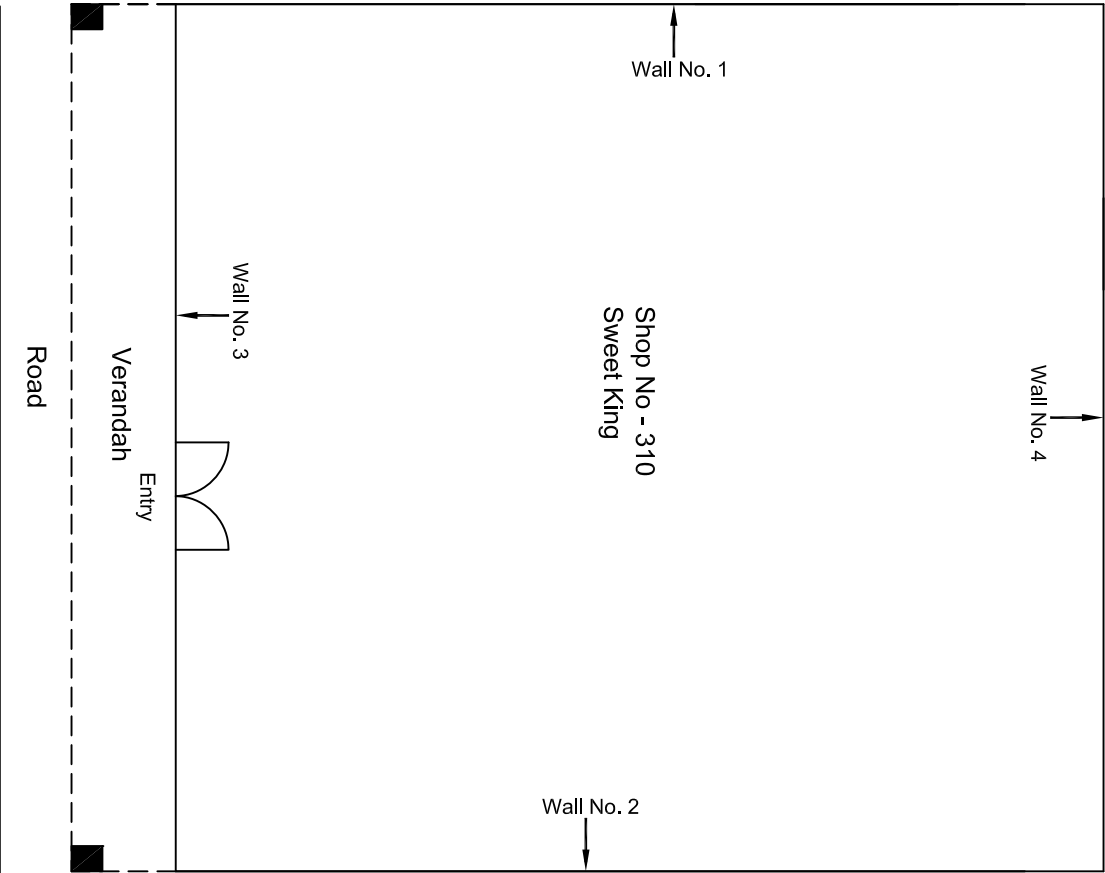


Upper Ground Floor Plan

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				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Upper Ground Floor Plan of Shop No 309 Ali Chicken Centre Ramgani Bazar Badi Chopad		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0018/309/ 02		
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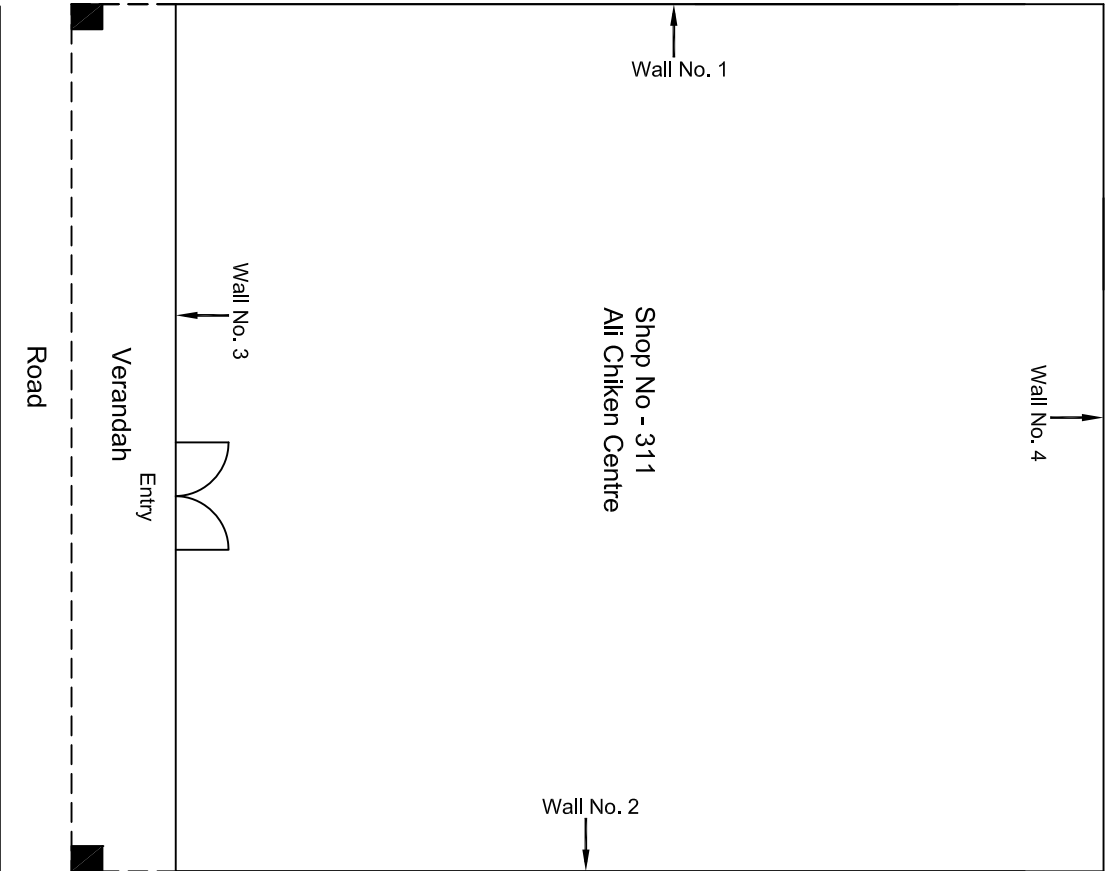






Ground Floor Plan

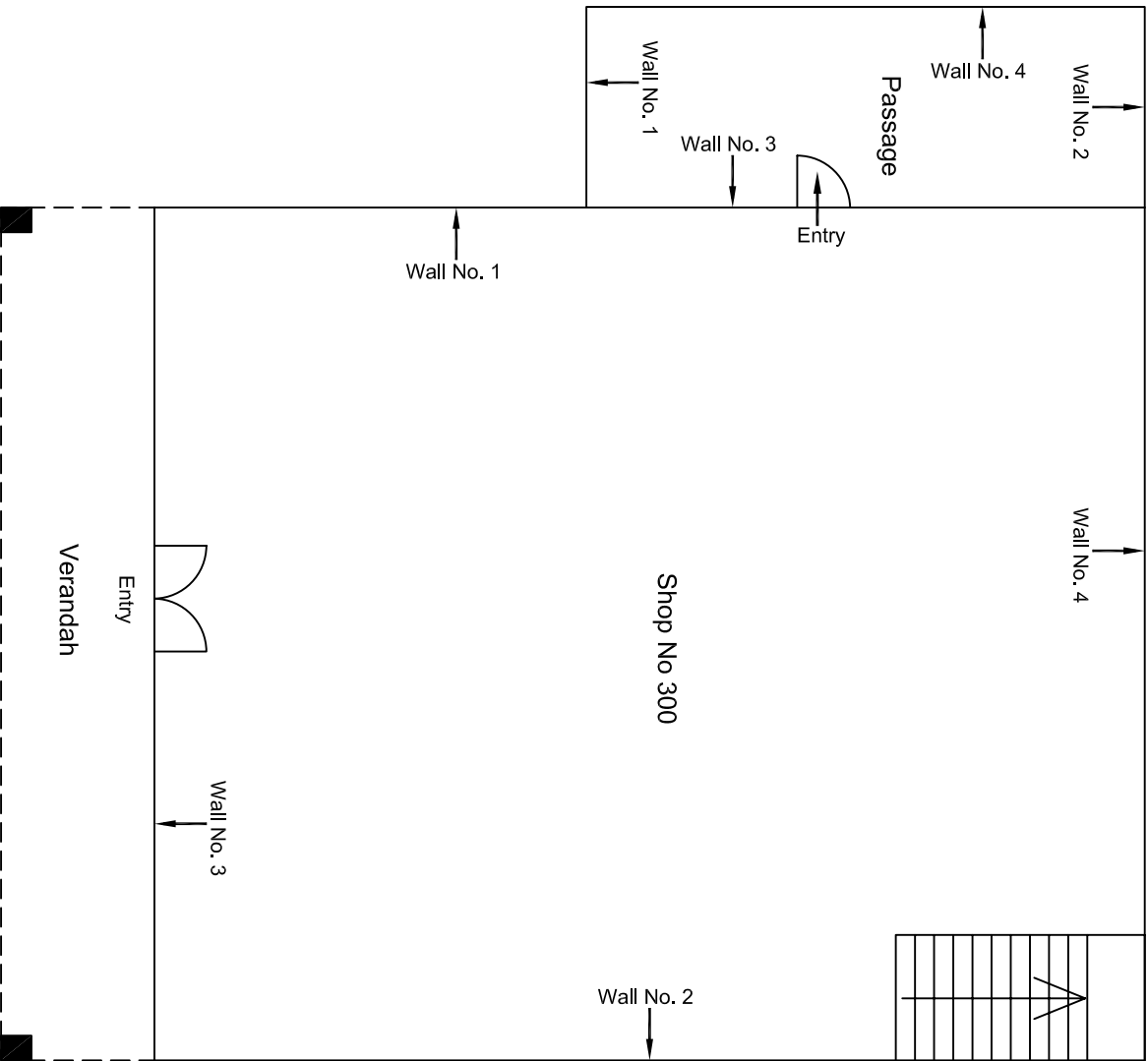
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				CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 310 Sweet King Rangani Bazar Badi Choped	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0018/310/ 01	REVISION: R0
00		NP	Dt. PRC	16.11.2013					
Revision	Description of Revision	Drawn By	Approved By	Date				SCALE: Not to Scale	



Ground Floor Plan

				CONSULTANT: OMIKRON KAPPANUNDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 311 Ali Chicken Centre Ranganj Bazar Badi Chopad	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0018/311/ 01	REVISION: R0
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Revision	Description of Revision	Drawn By	Approved By	Date					



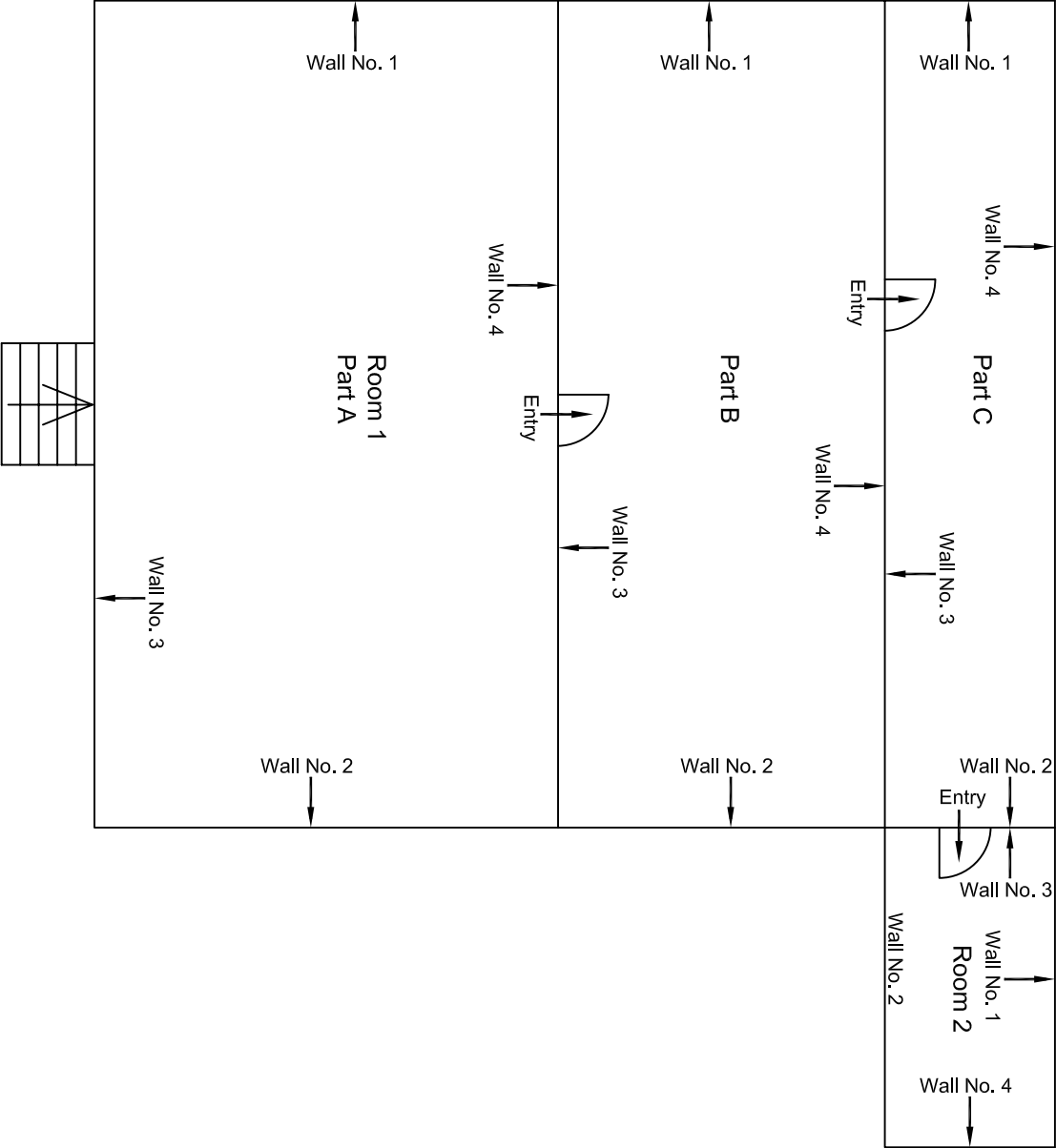


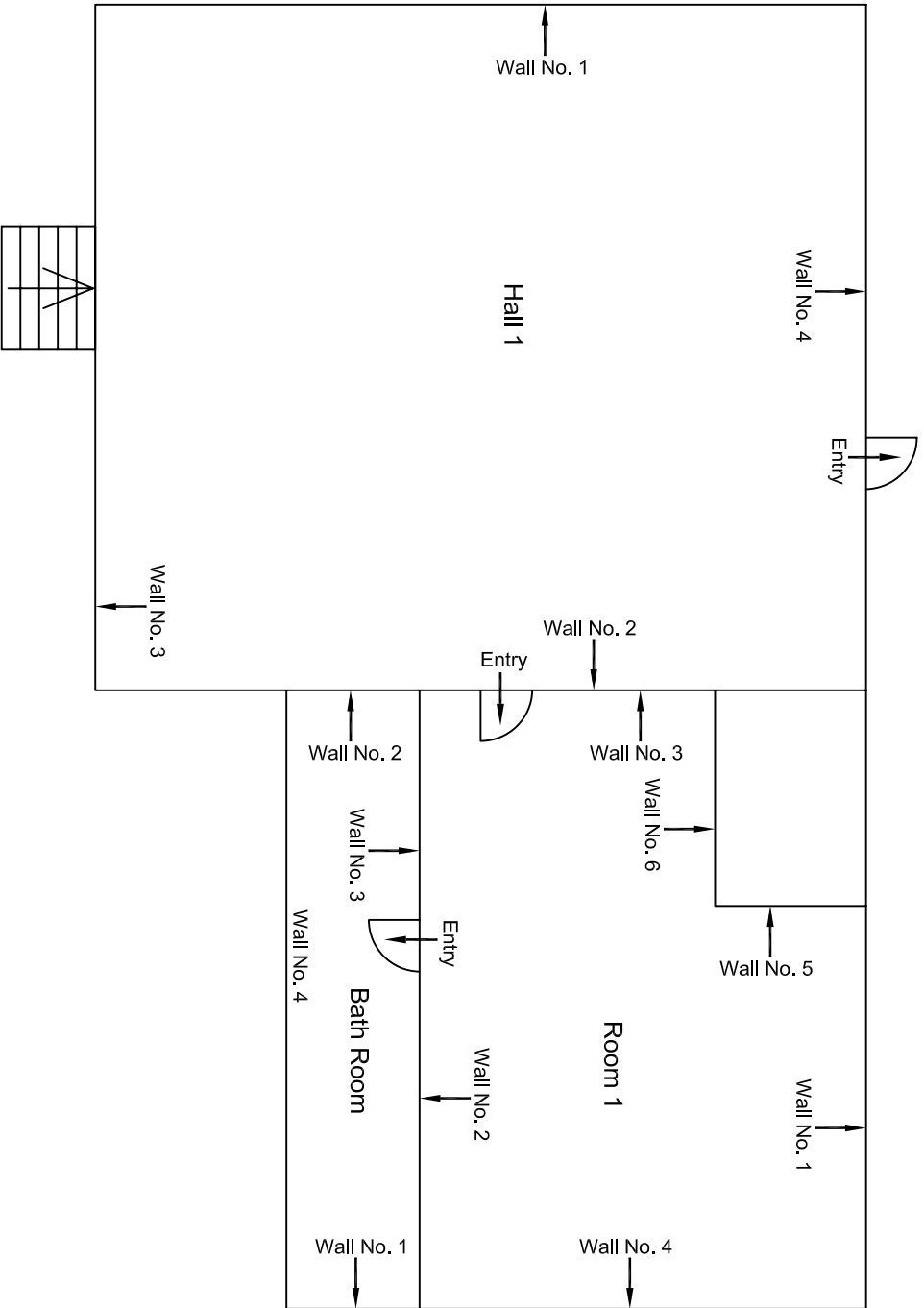
Ground Floor Plan

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Revision	Description of Revision	Drawn By	Approved By	Date						

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Revision	Description of Revision	Drawn By	Approved By	Date				

Lower Ground Floor Plan

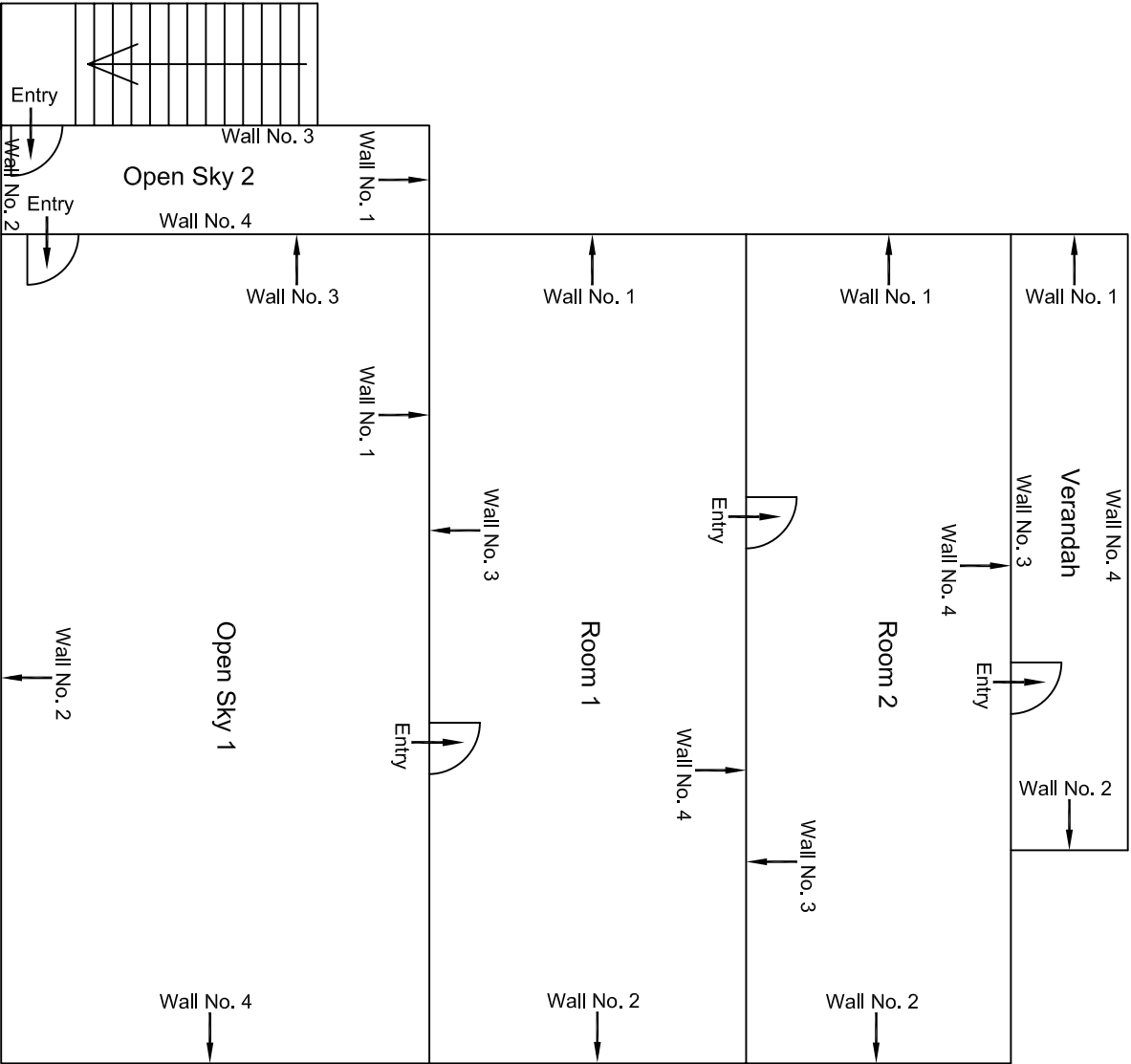




Upper Ground Floor Plan

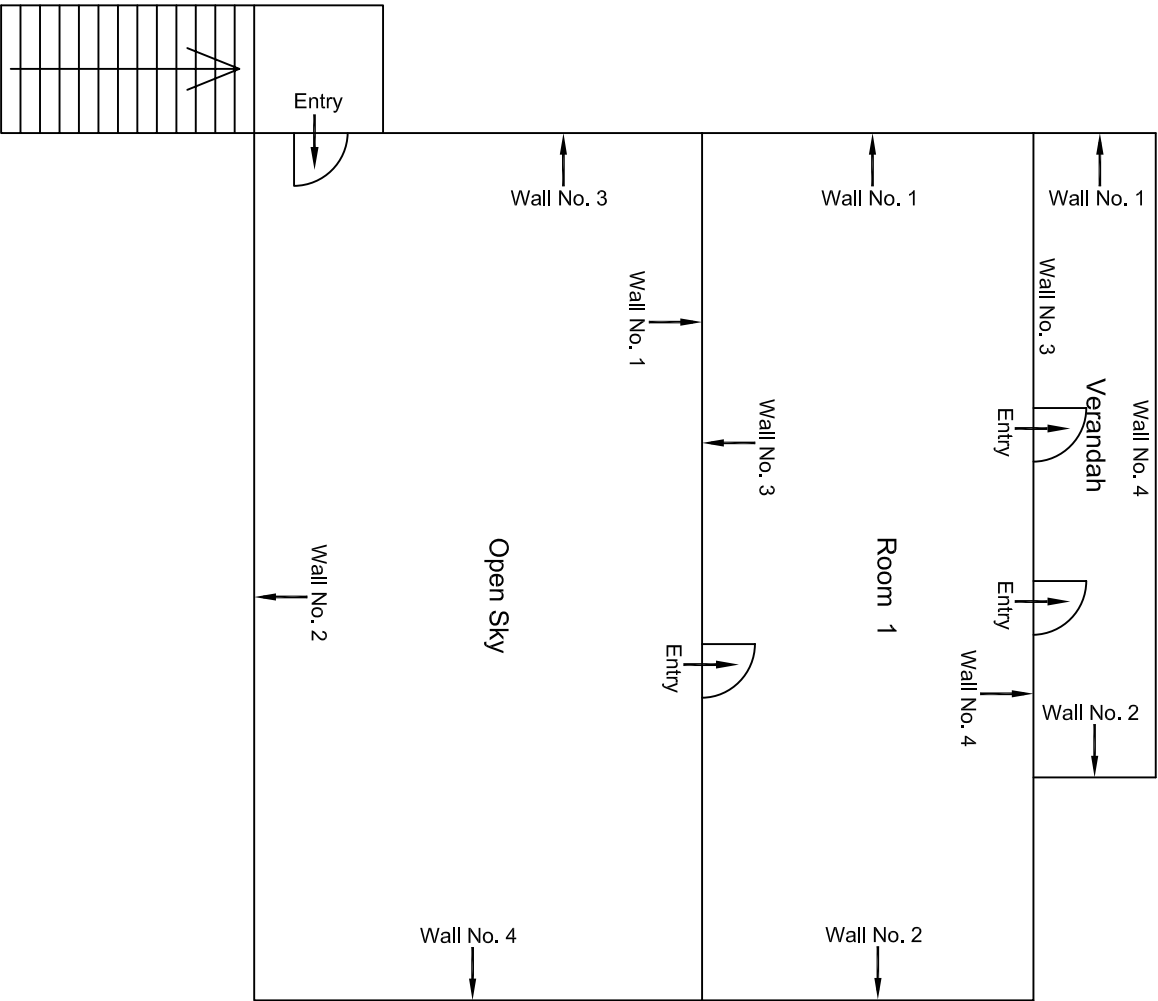
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					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Upper Ground Floor Plan of Shop NO. 300, Ram Ganj Market	DRAWING NO.: AIML/ESG/12315/ BC-RA-UP-0019/300/03
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Revision	Description of Revision	Drawn By	Approved By	Date					





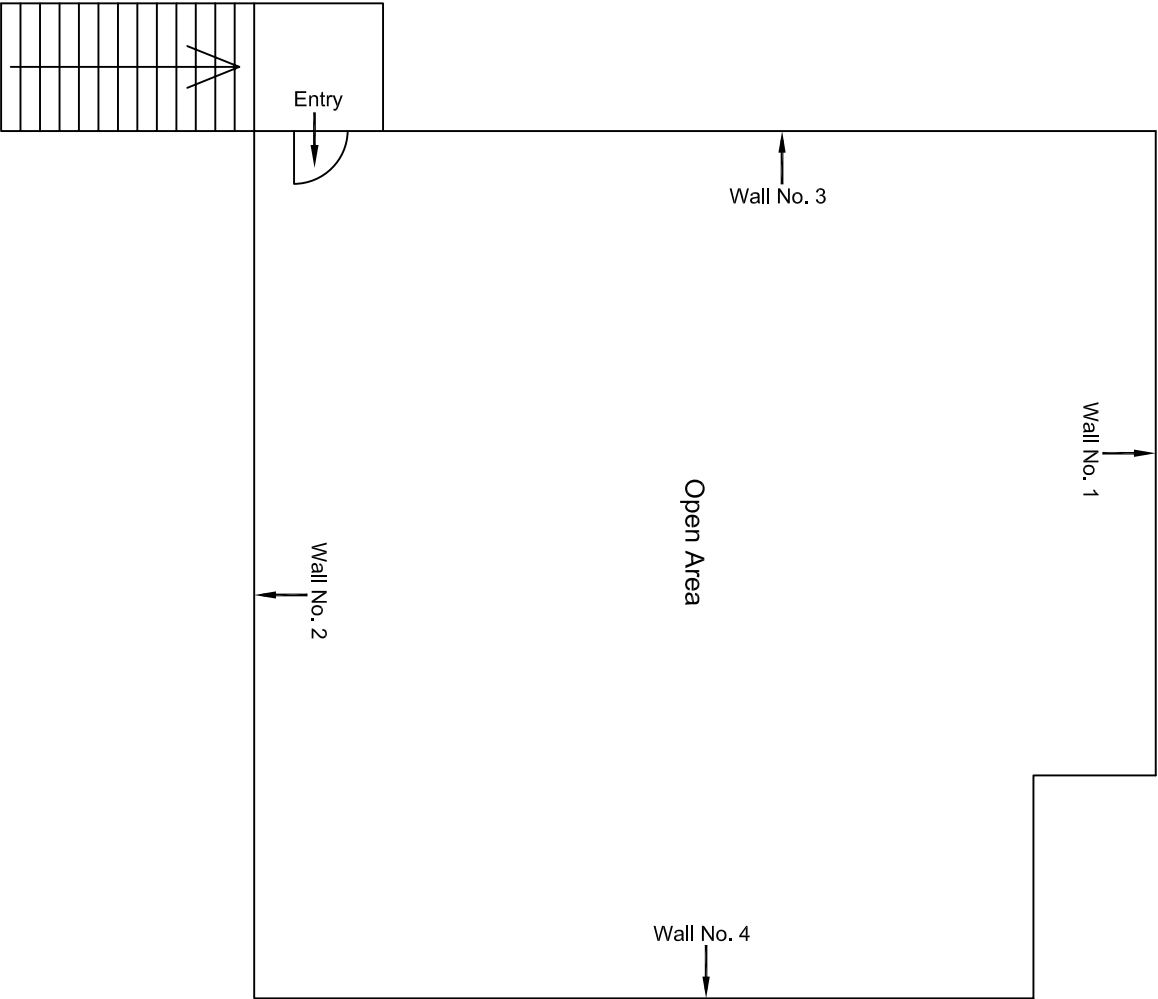
First Floor Plan

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Revision	Description of Revision	Drawn By	Approved By	Date							



Second Floor Plan

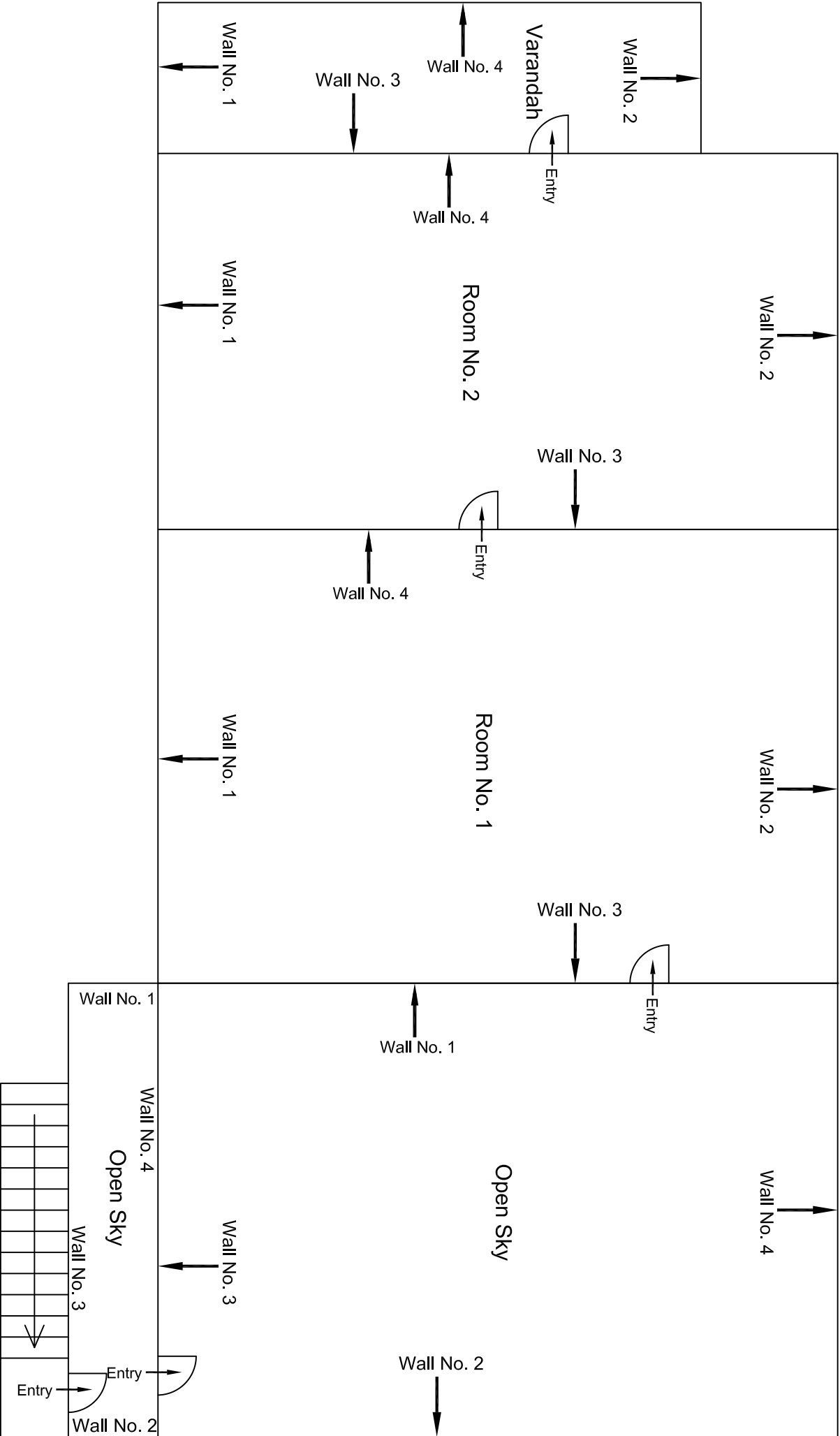
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Revision	Description of Revision	Drawn By	Approved By	Date						



Terrace Floor Plan

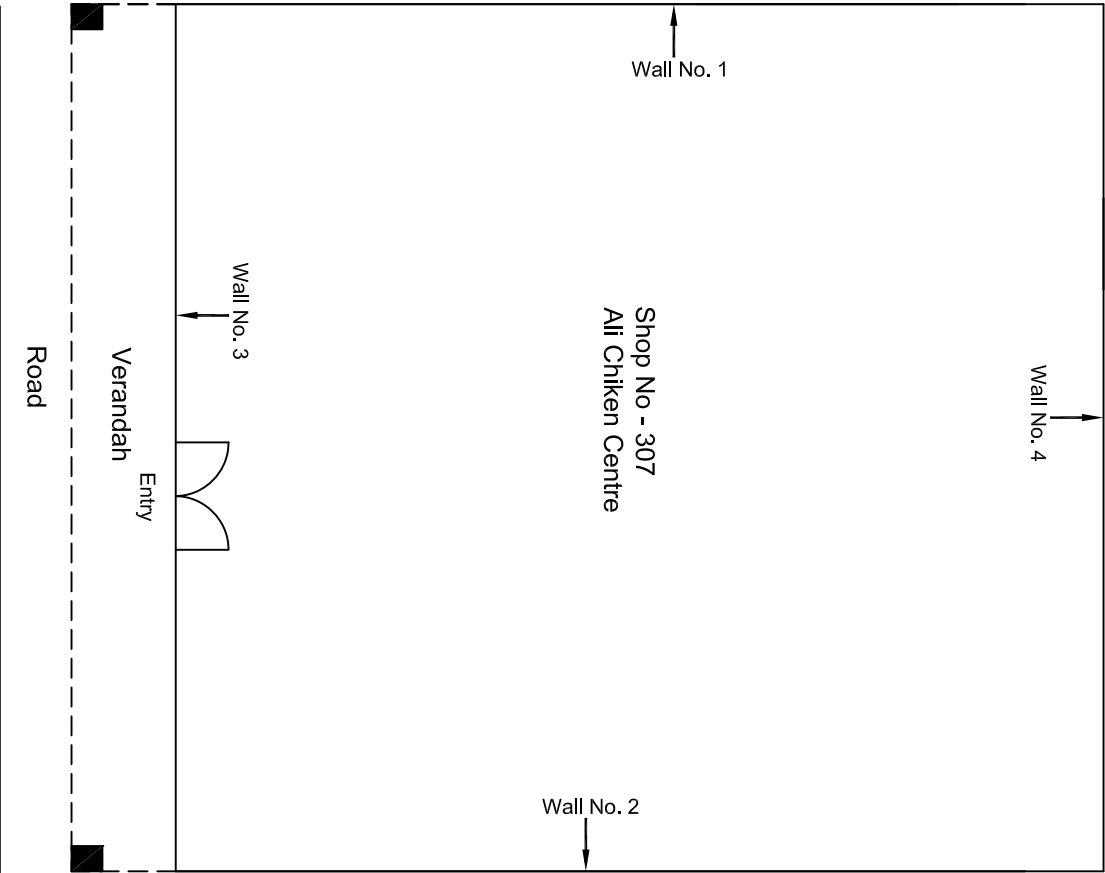
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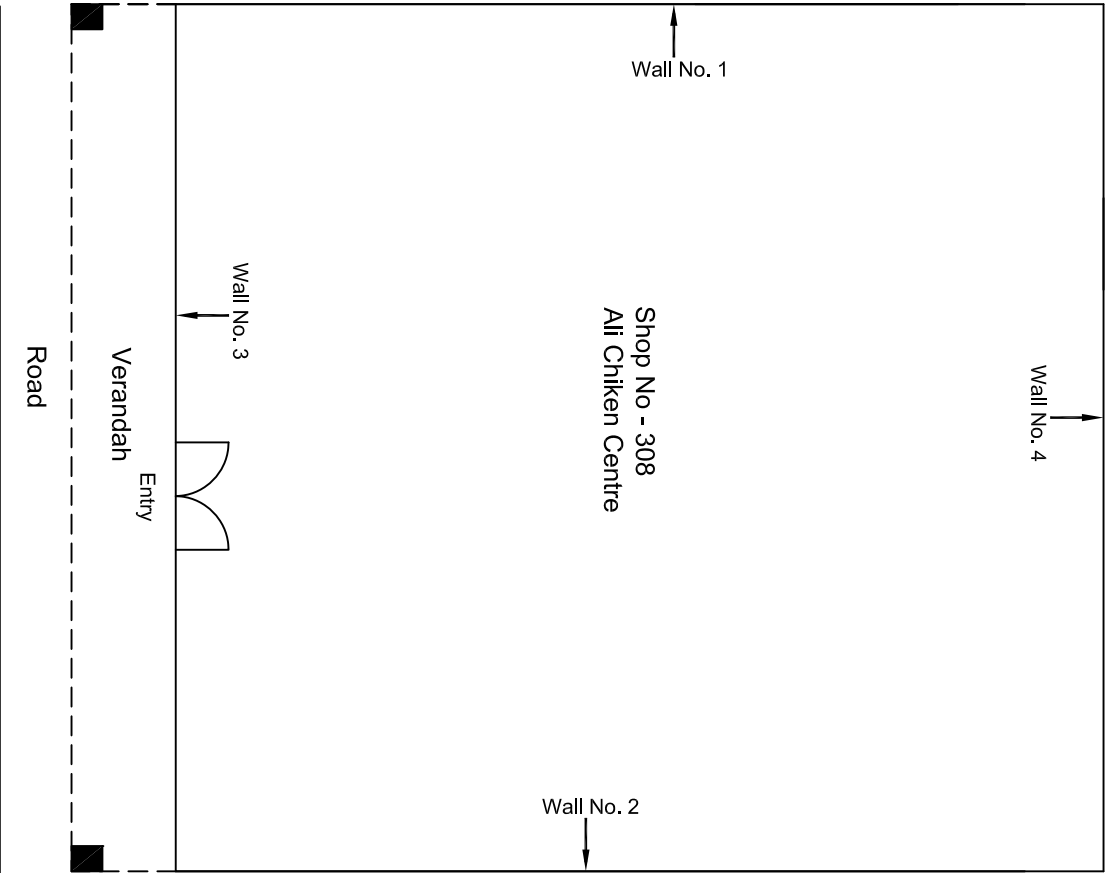
First Floor Plan

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Ground Floor Plan

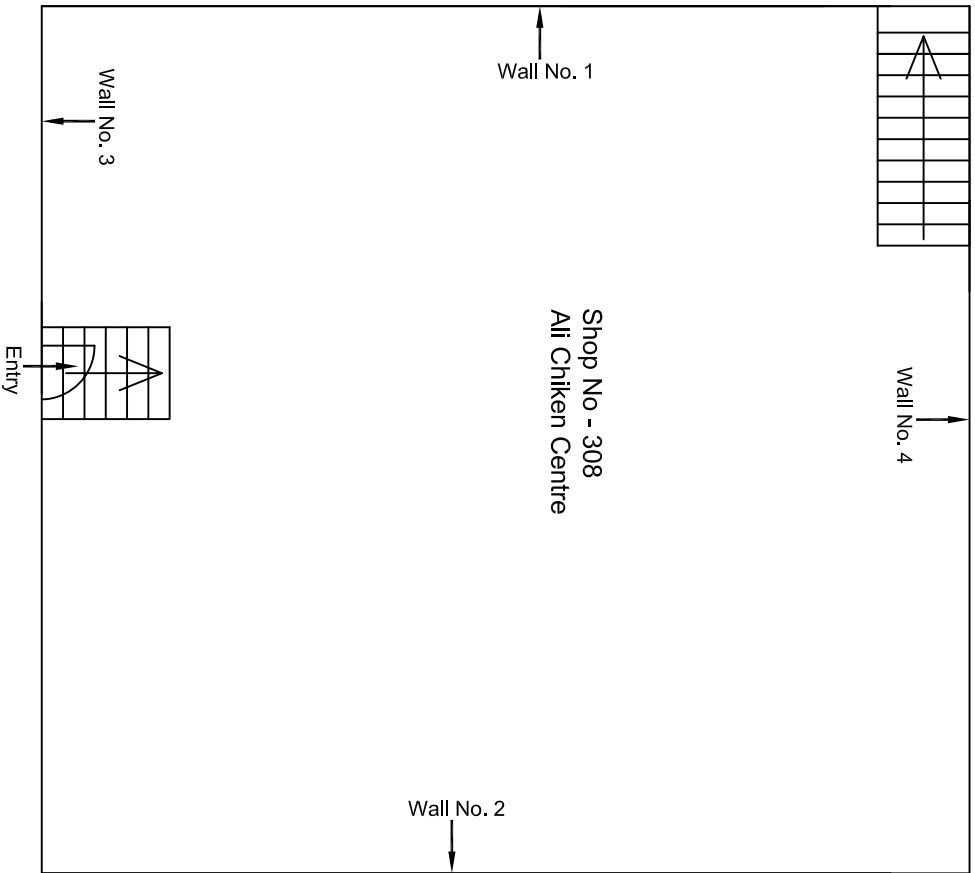
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Ground Floor Plan

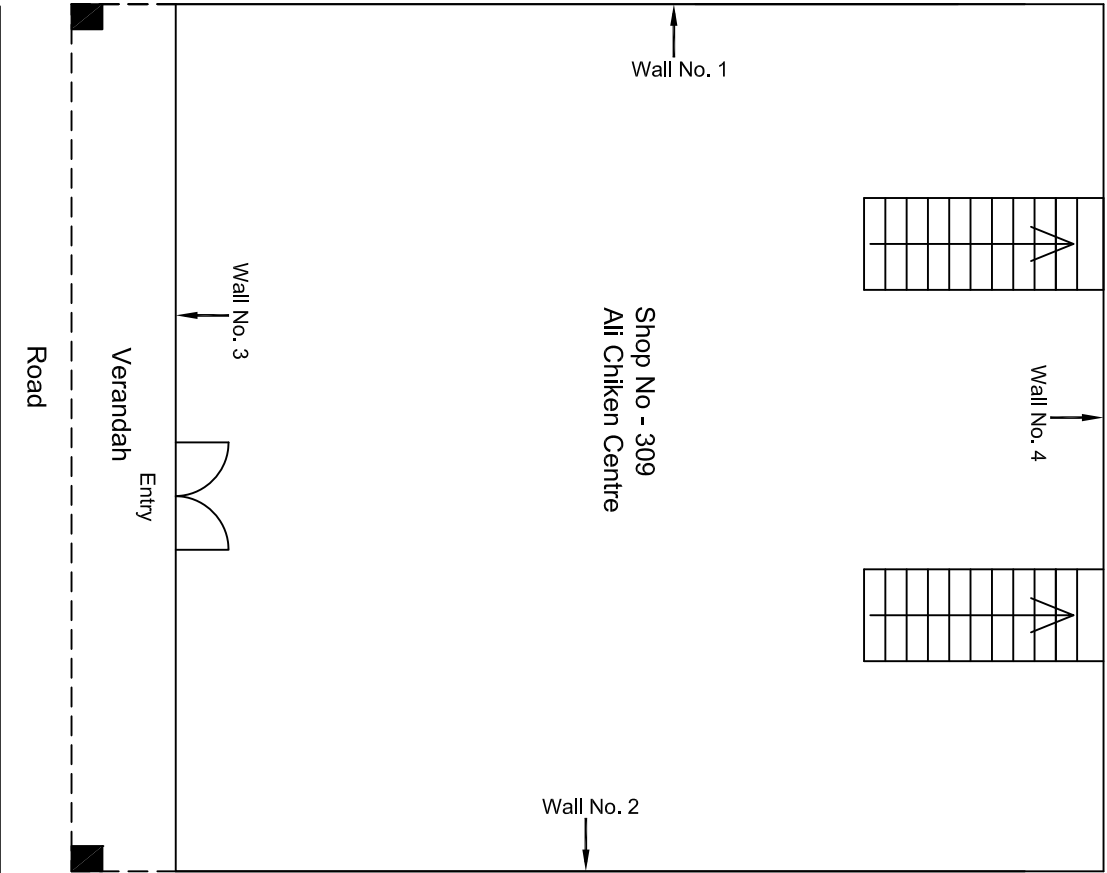
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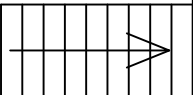
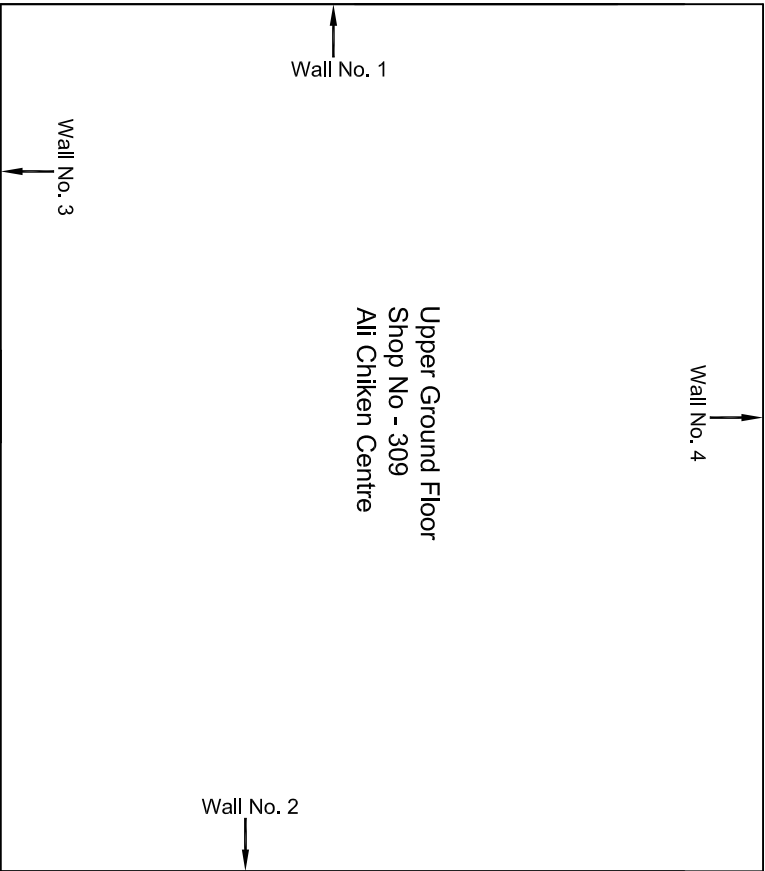
Basement Floor Plan

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Revision	Description of Revision	Drawn By	Approved By	Date								



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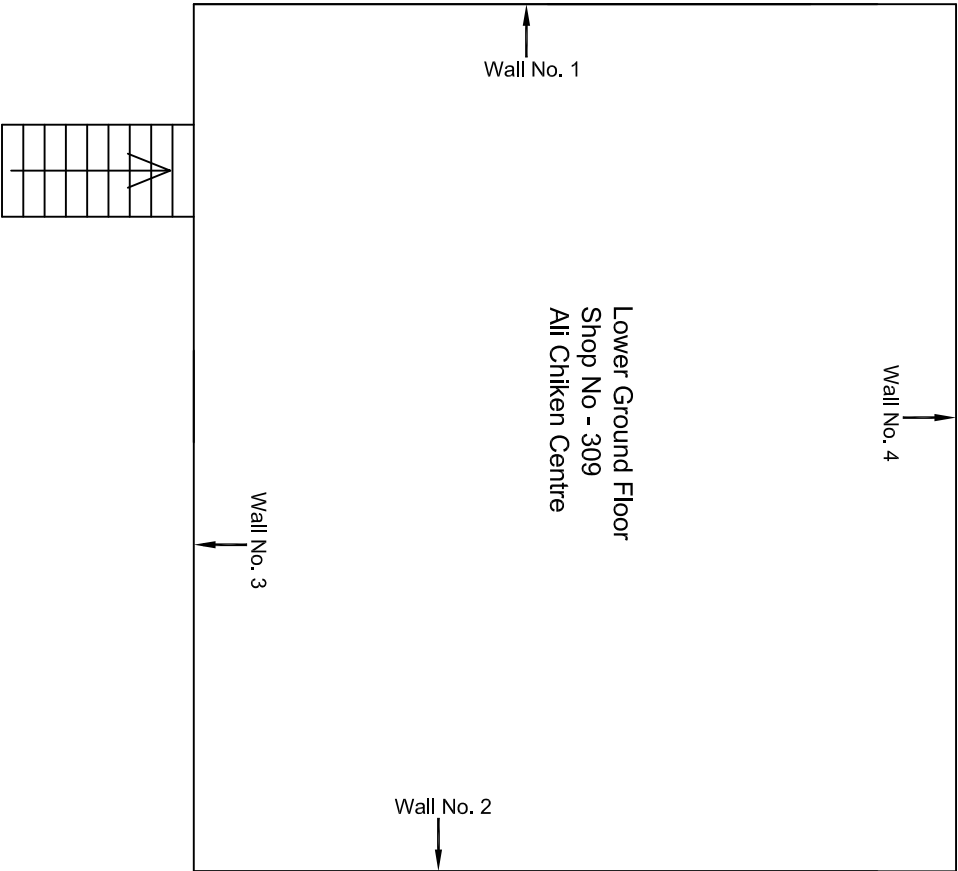
Ground Floor Plan



Upper Ground Floor Plan

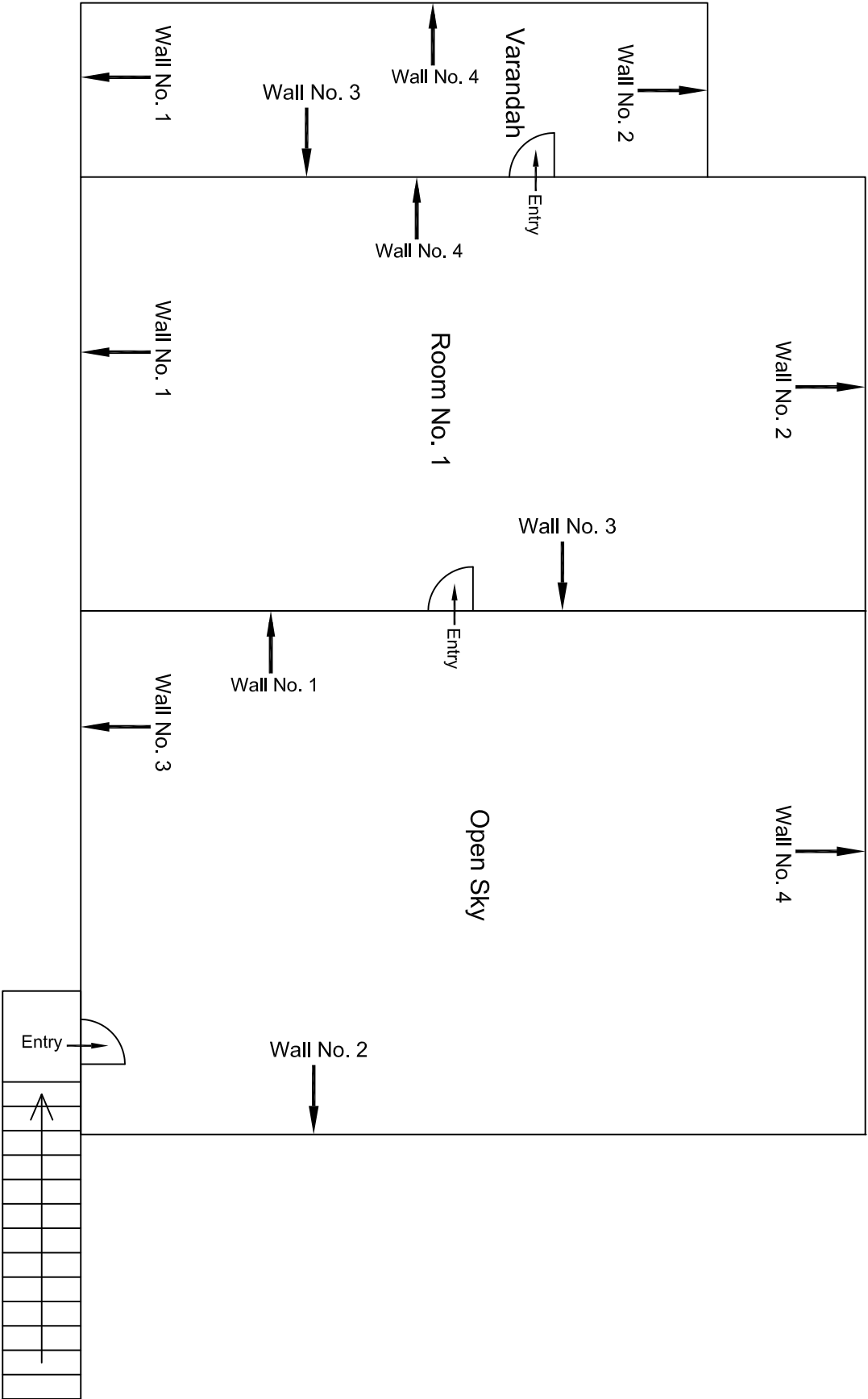
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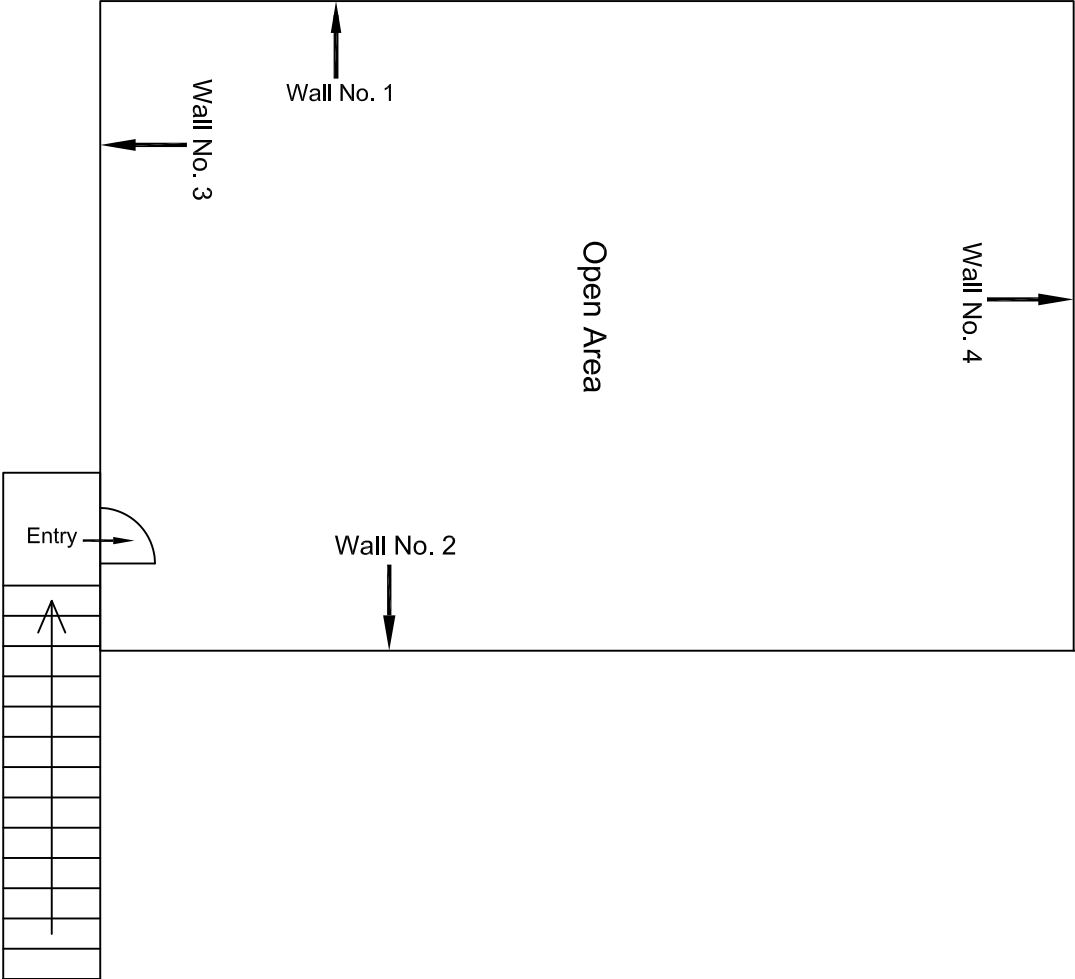
Lower Ground Floor Plan

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Second Floor Plan

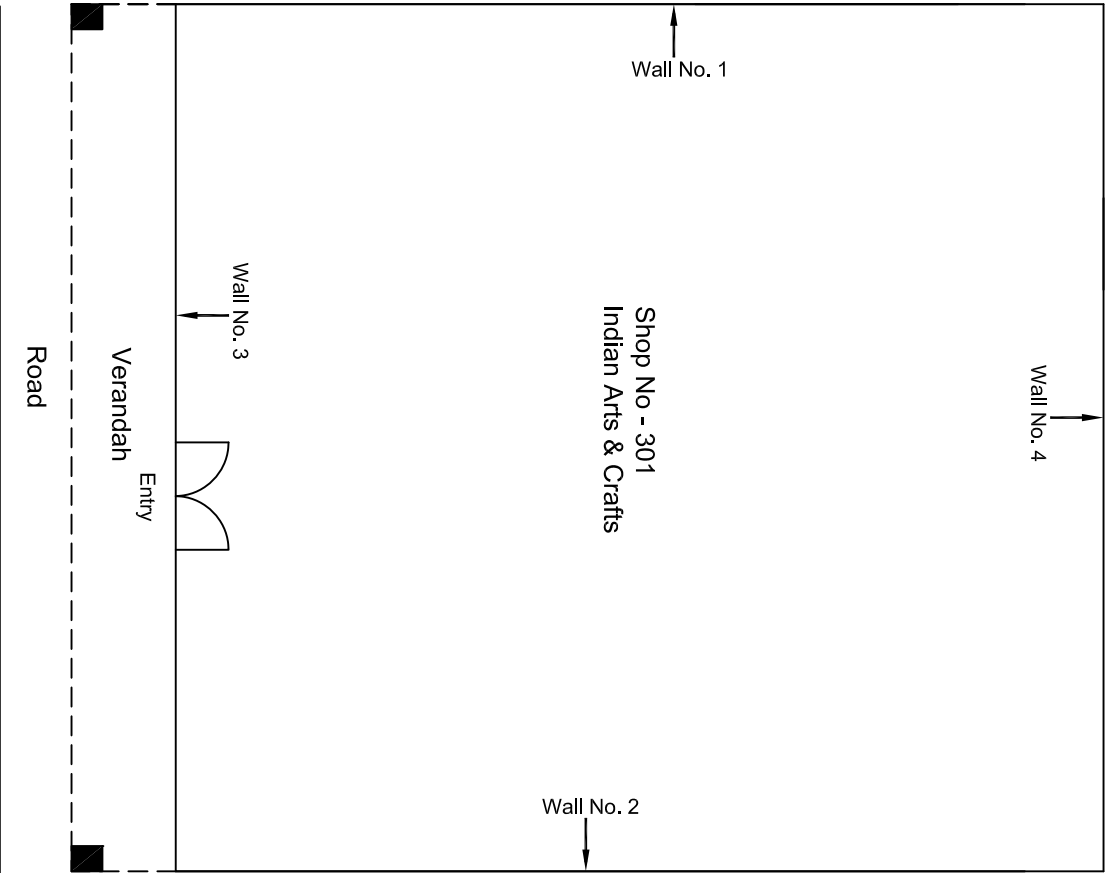
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Revision	Description of Revision	Drawn By	Approved By	Date				REVISION:



Terrace Floor Plan

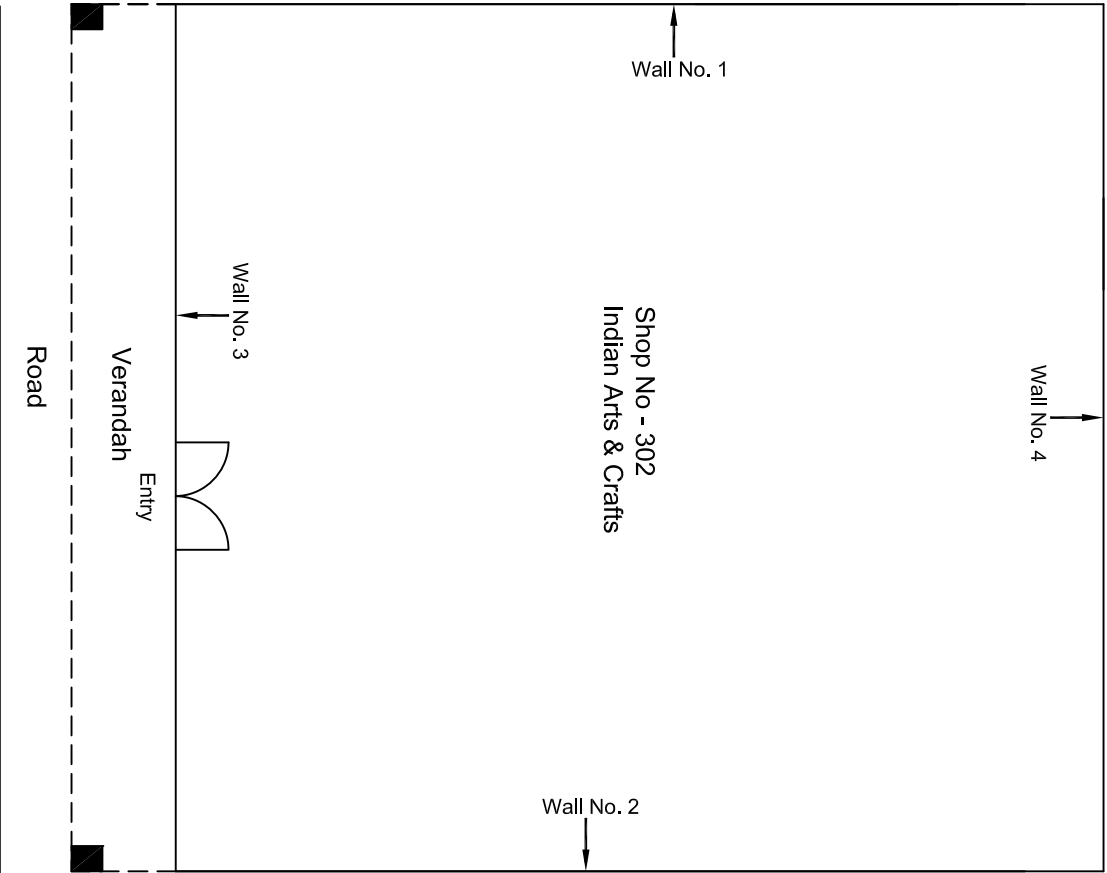
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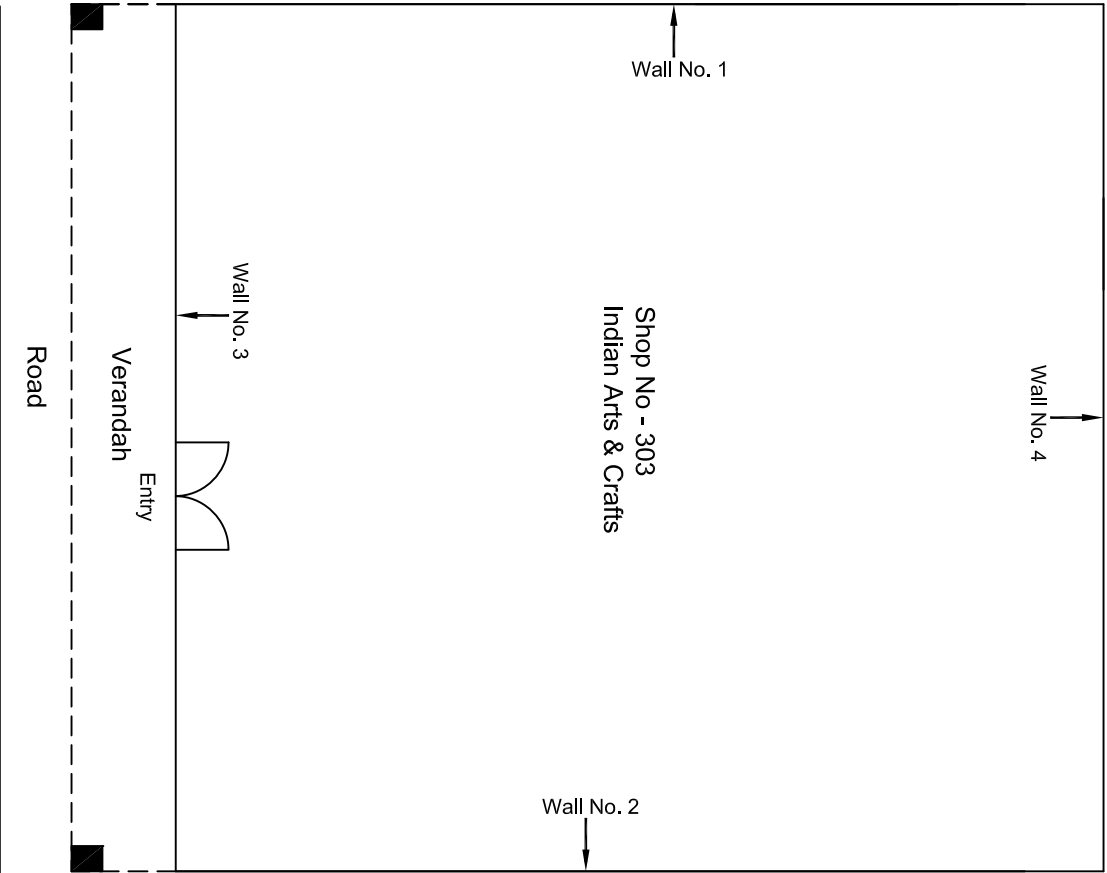
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Ground Floor Plan



Ground Floor Plan

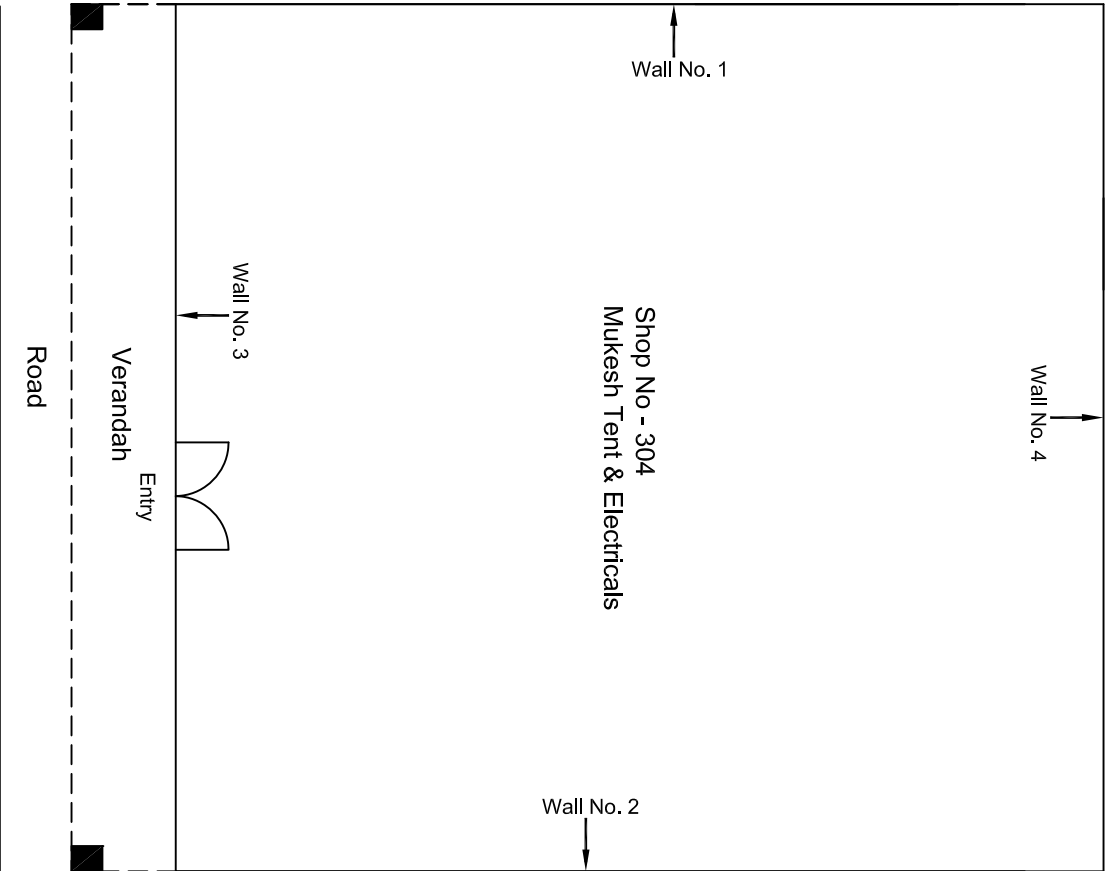
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Ground Floor Plan

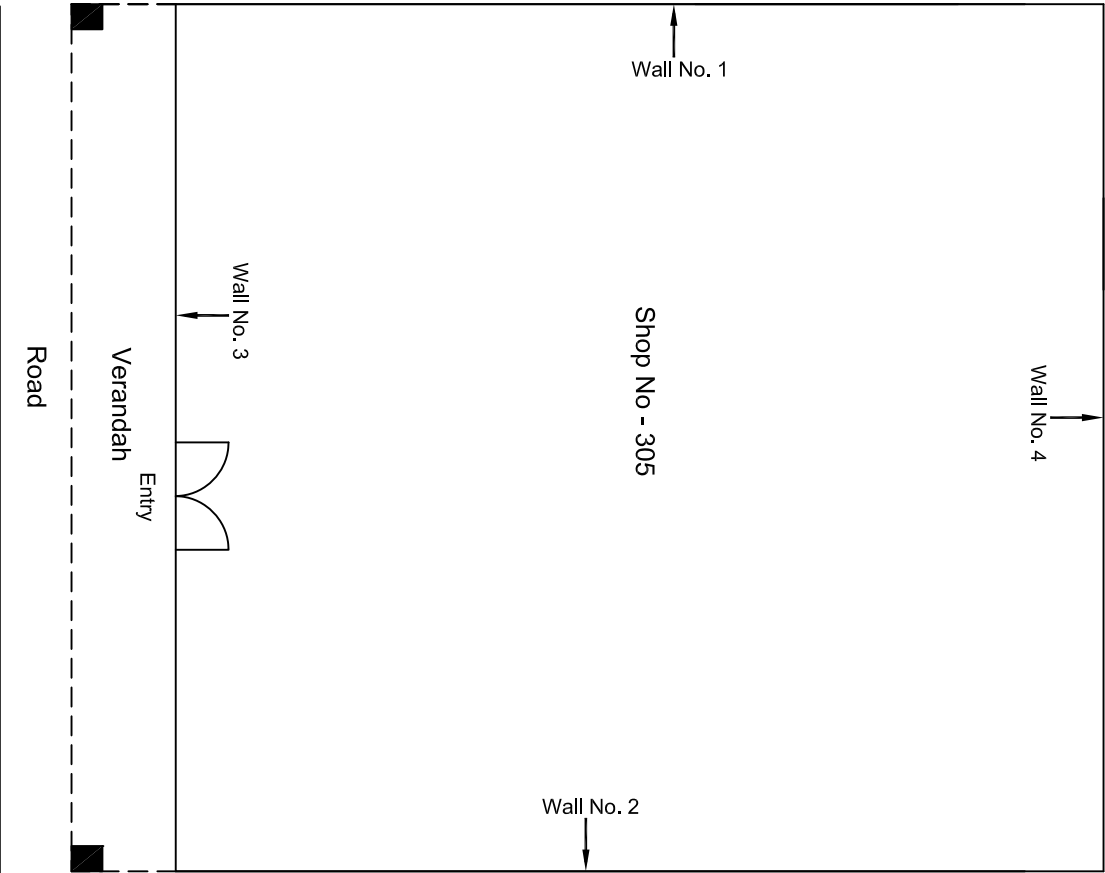
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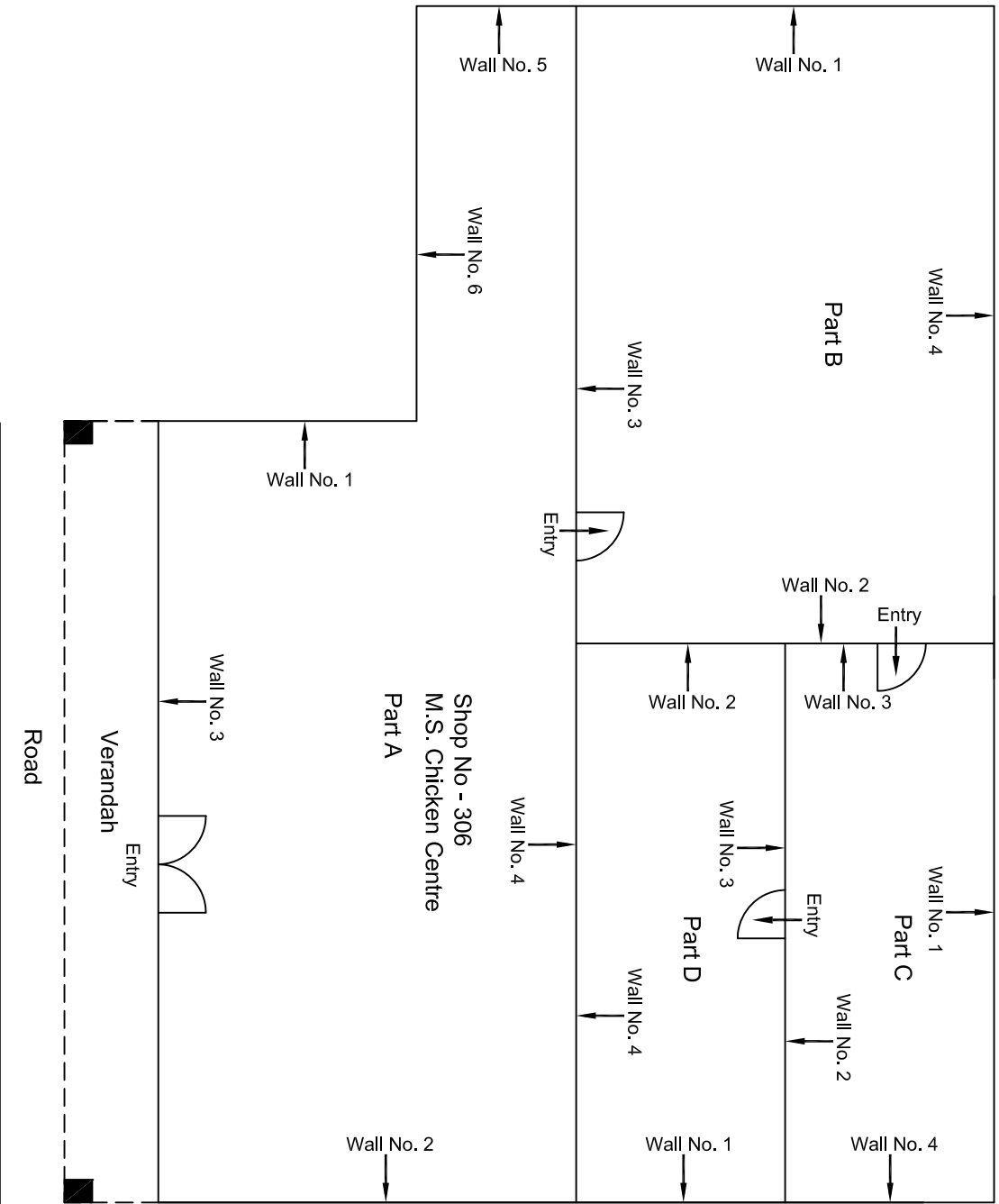
Ground Floor Plan

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Revision	Description of Revision	Drawn By	Approved By	Date			DRAWING TITLE: Ground Floor Plan of Shop No 304 Mukesh Tent & Electricals Rangani Bazar Badi Chopad	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0019/304/ 01	REVISION: R0



Ground Floor Plan

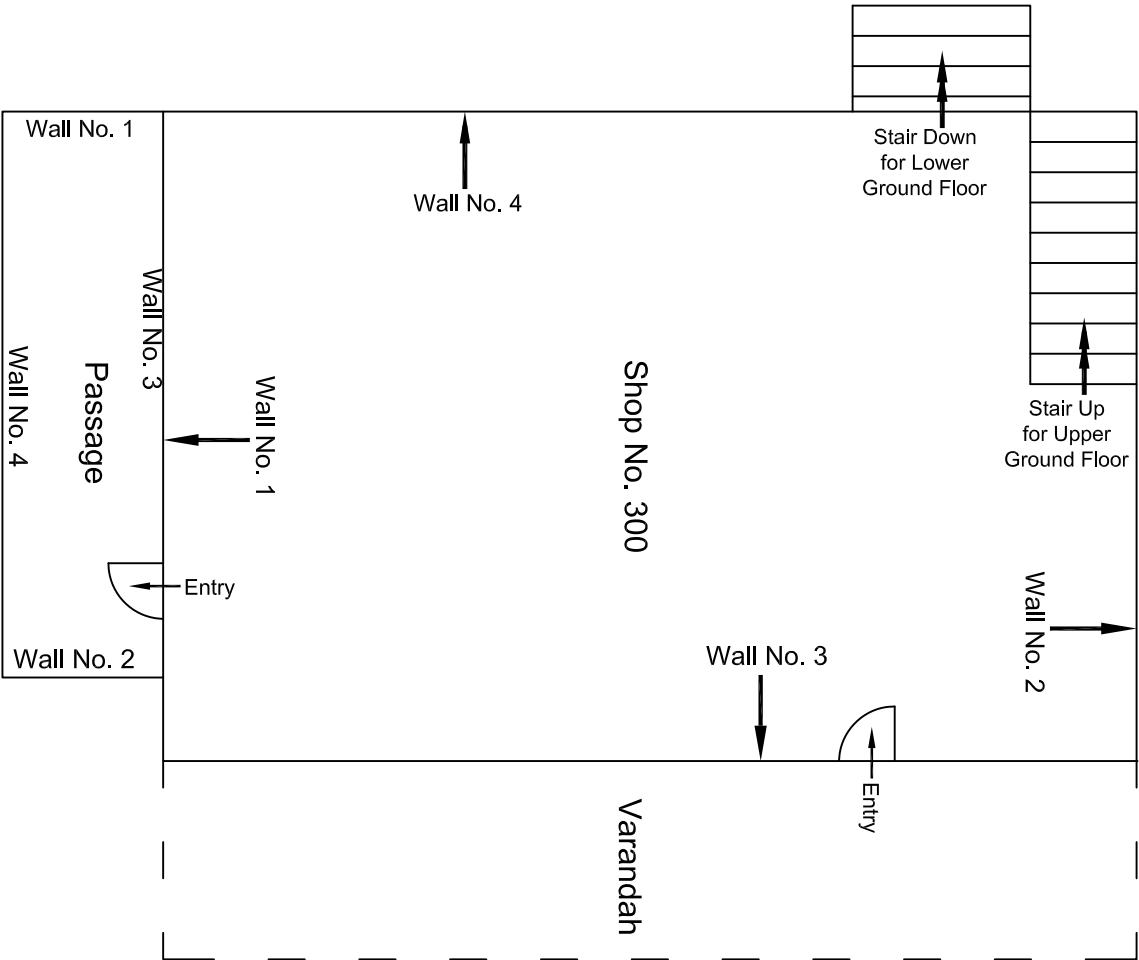
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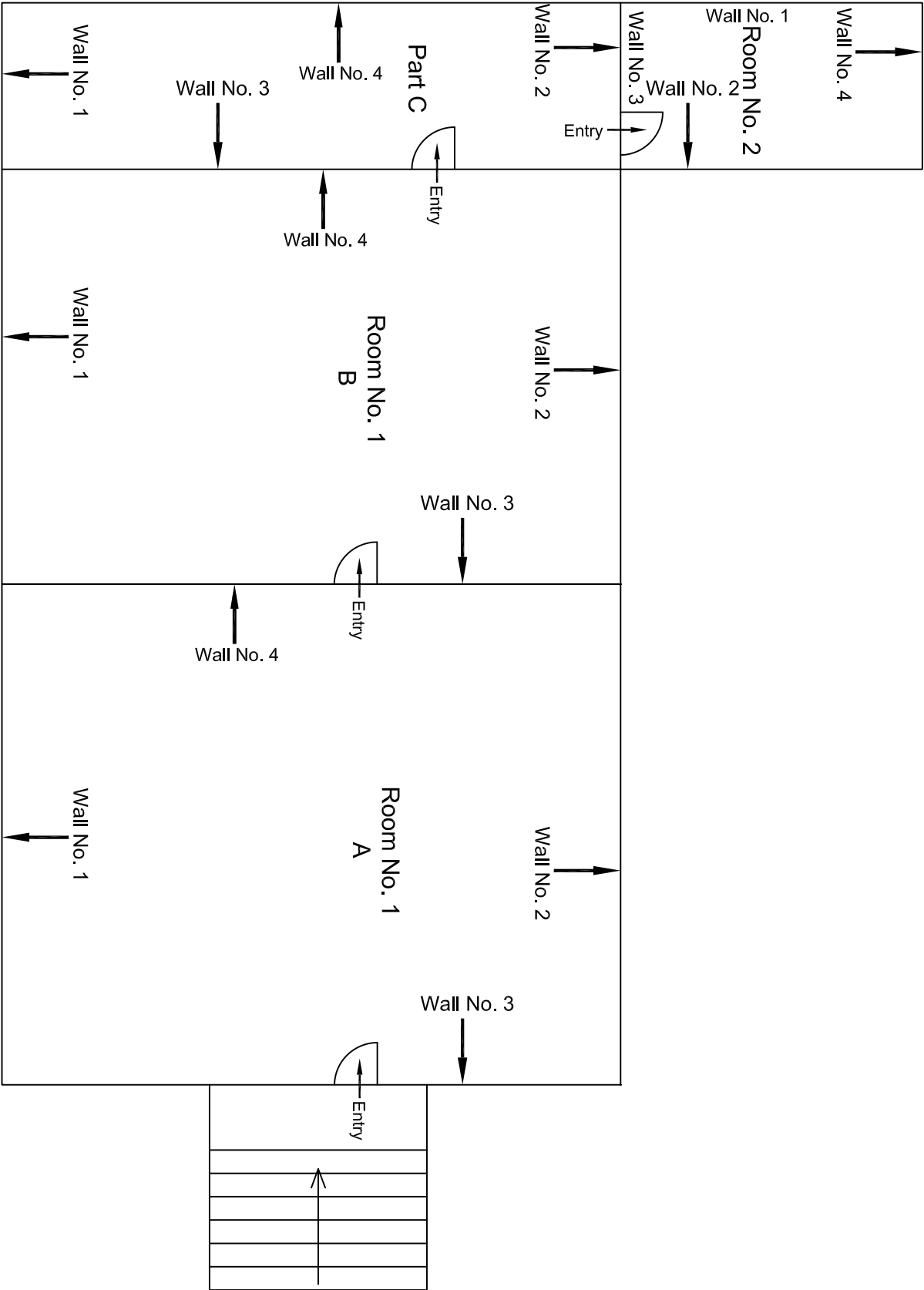
Ground Floor Plan

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Revision	Description of Revision	Drawn By	Approved By	Date					

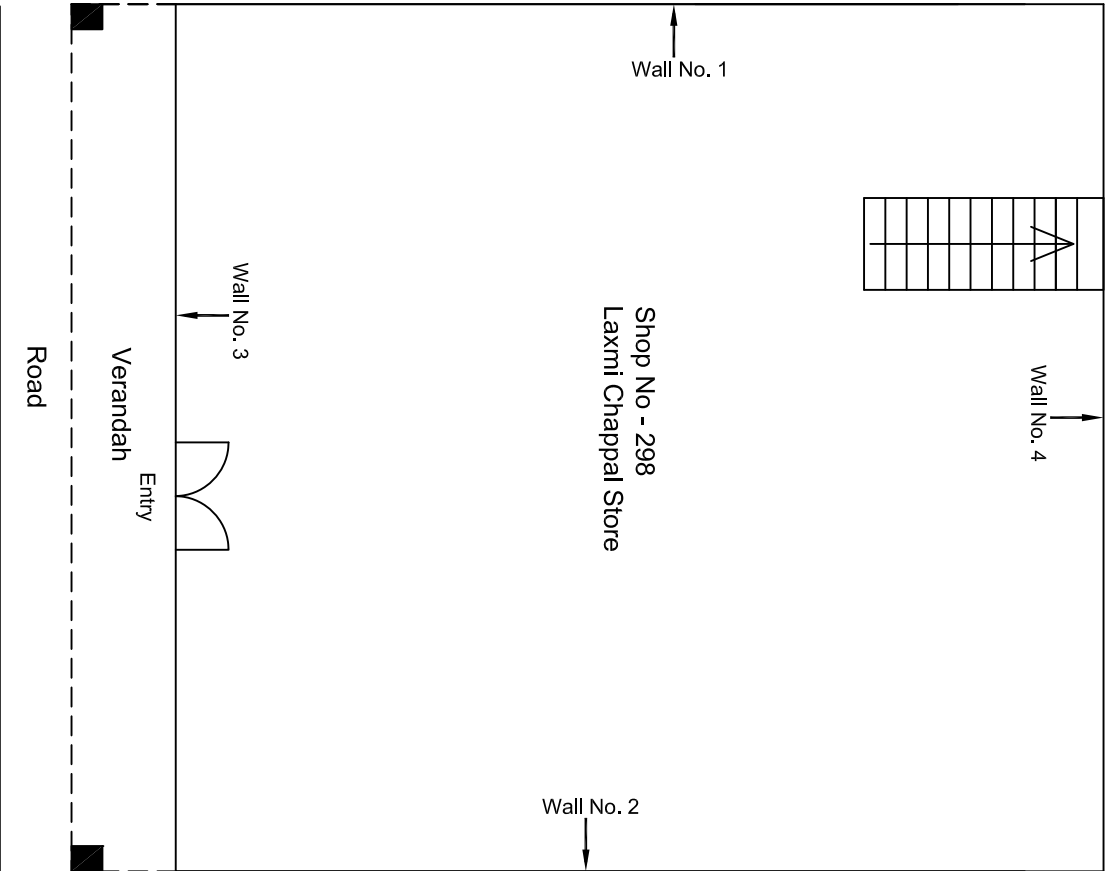


Lower Ground Floor Plan

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								House shop No. 300		
Revision	Description of Revision	Drawn By	Approved By	Date						

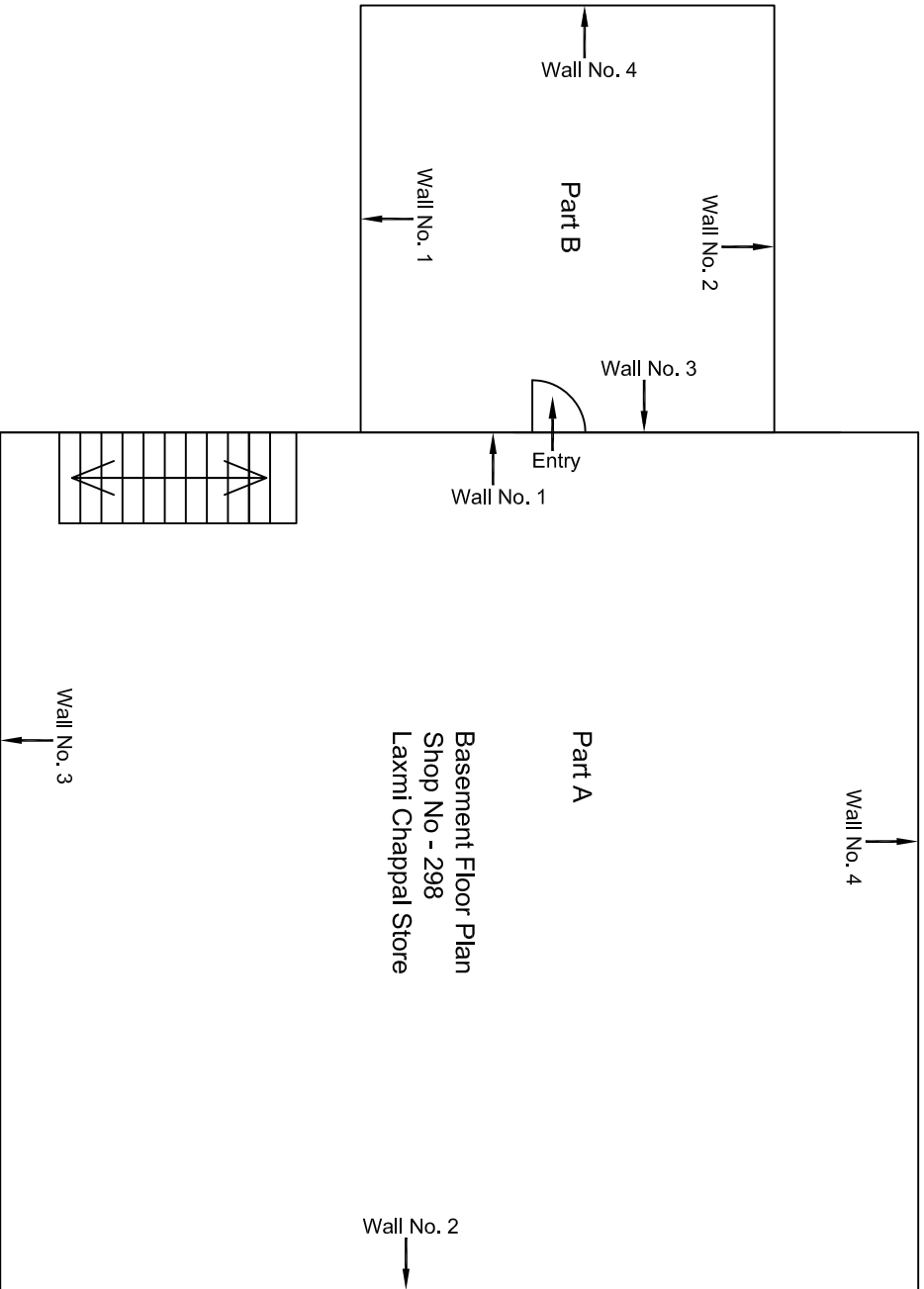






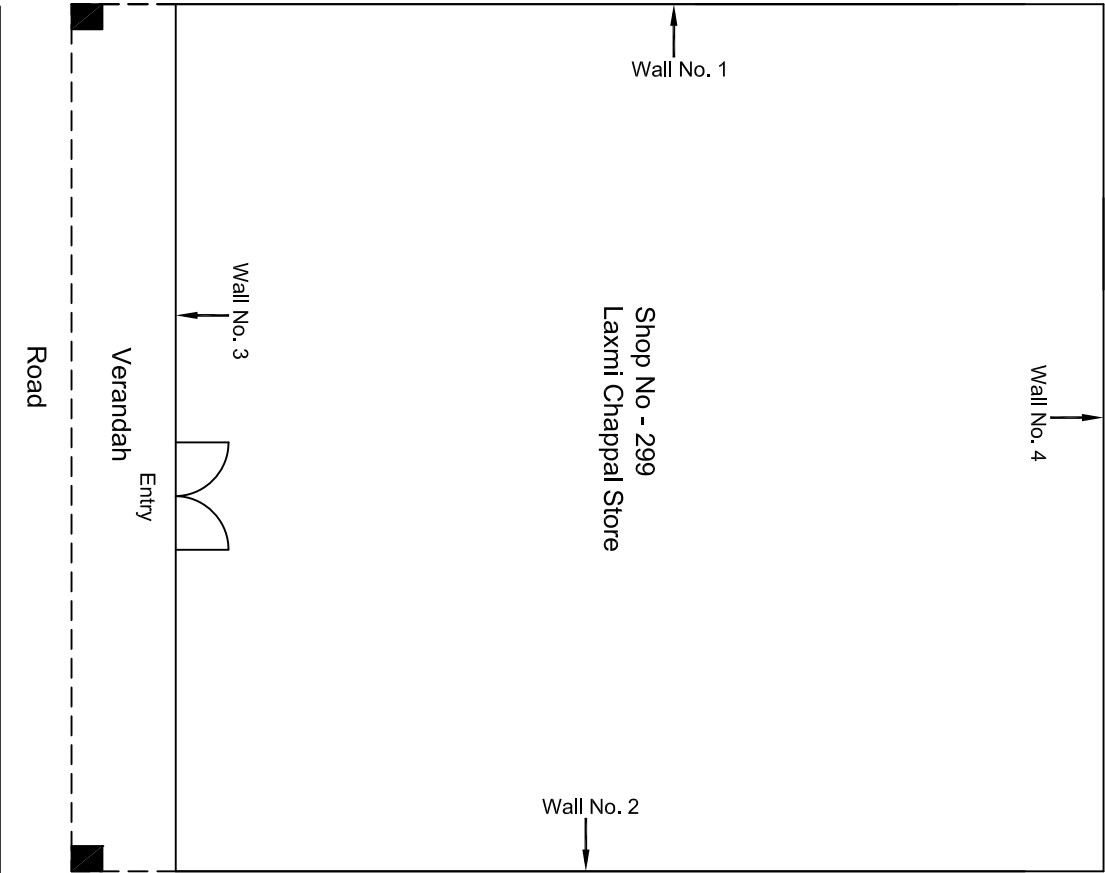
Ground Floor Plan

				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 298 Laxmi Chappal Store Ramgani Bazar Badi Chopad	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0020/298/ 01	REVISION: R0
00		NP	Dt. :PRC	16.11.2013					
Revision	Description of Revision	Drawn By	Approved By	Date					



Basement Floor Plan

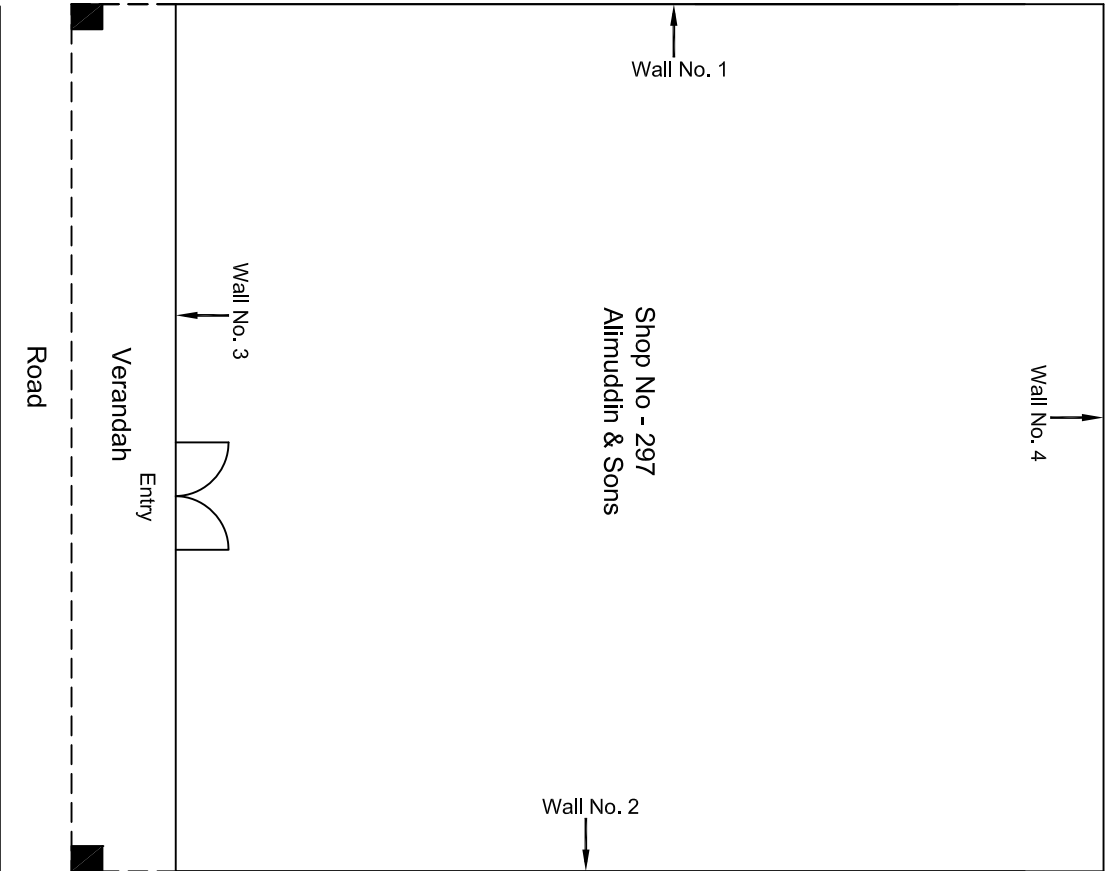
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				CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Basement Floor Plan of Shop No 298 Laxmi Chappal Store Rangani Bazar Badi Chopad	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0020/298/ 02	REVISION: R0
00		NP	D. PRC	16.11.2013					
Revision	Description of Revision	Drawn By	Approved By	Date					



				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 299 Laxmi Chappal Store Rangani Bazar Badi Chopad		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0020/299/ 01		
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Revision	Description of Revision	Drawn By	Approved By	Date								

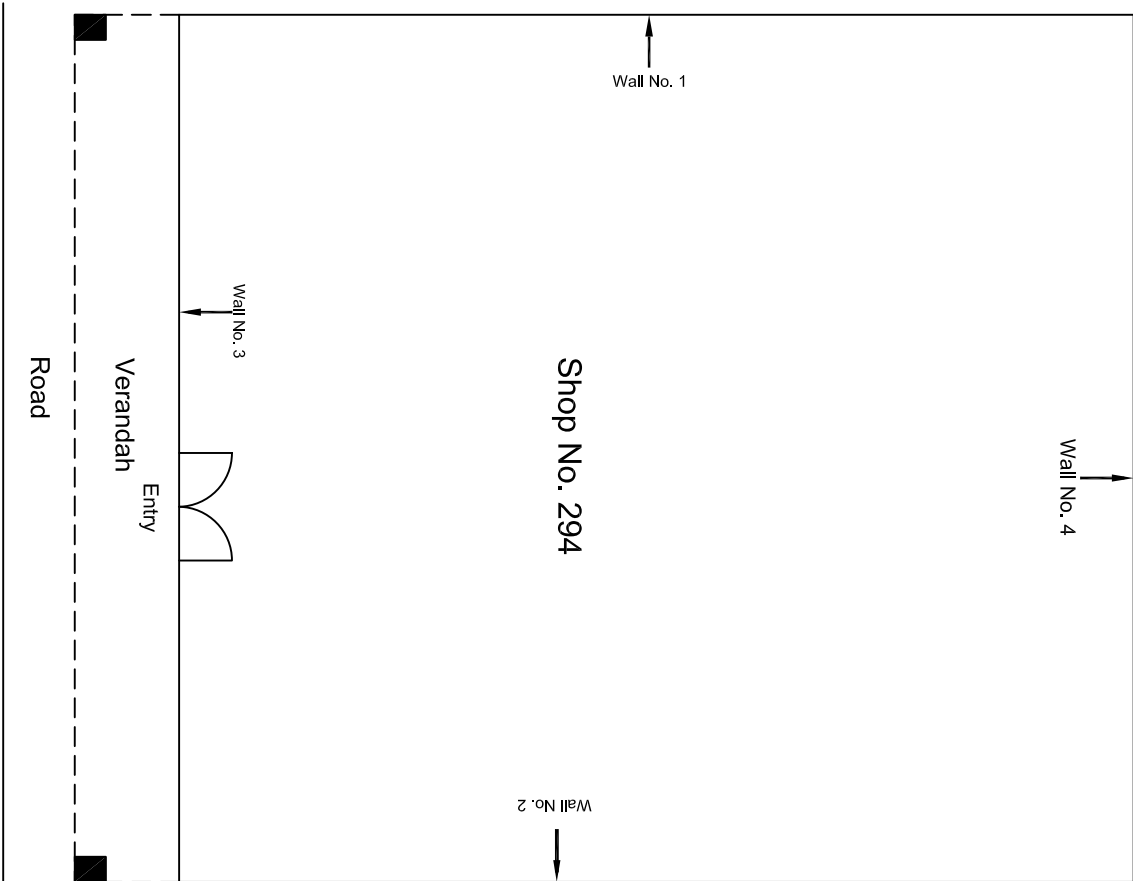
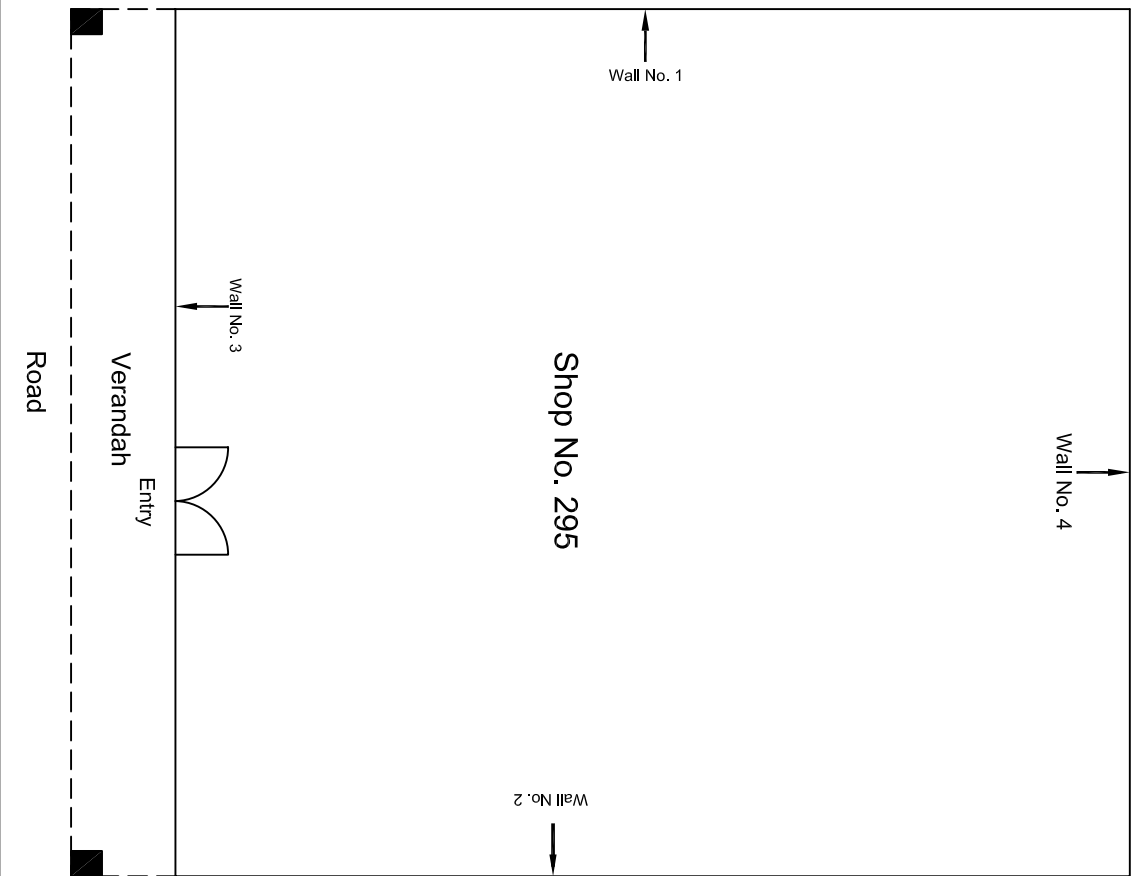
Ground Floor Plan





Ground Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV		MAIN CONTRACTOR:  CEC		SUB-CONTRACTOR:  AIMIL LIMITED		PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
					CLIENT: DMRC/JMRC		CONTRACT:  Jaipur Metro Phase 1B				DRAWING TITLE:  Ground Floor Plan of Shop No 297 Alimuddin & Sons Ranganj Bazar Badi Choped	
00		NP	Dr. PRC	16.11.2013								
Revision	Description of Revision	Drawn By	Approved By	Date								
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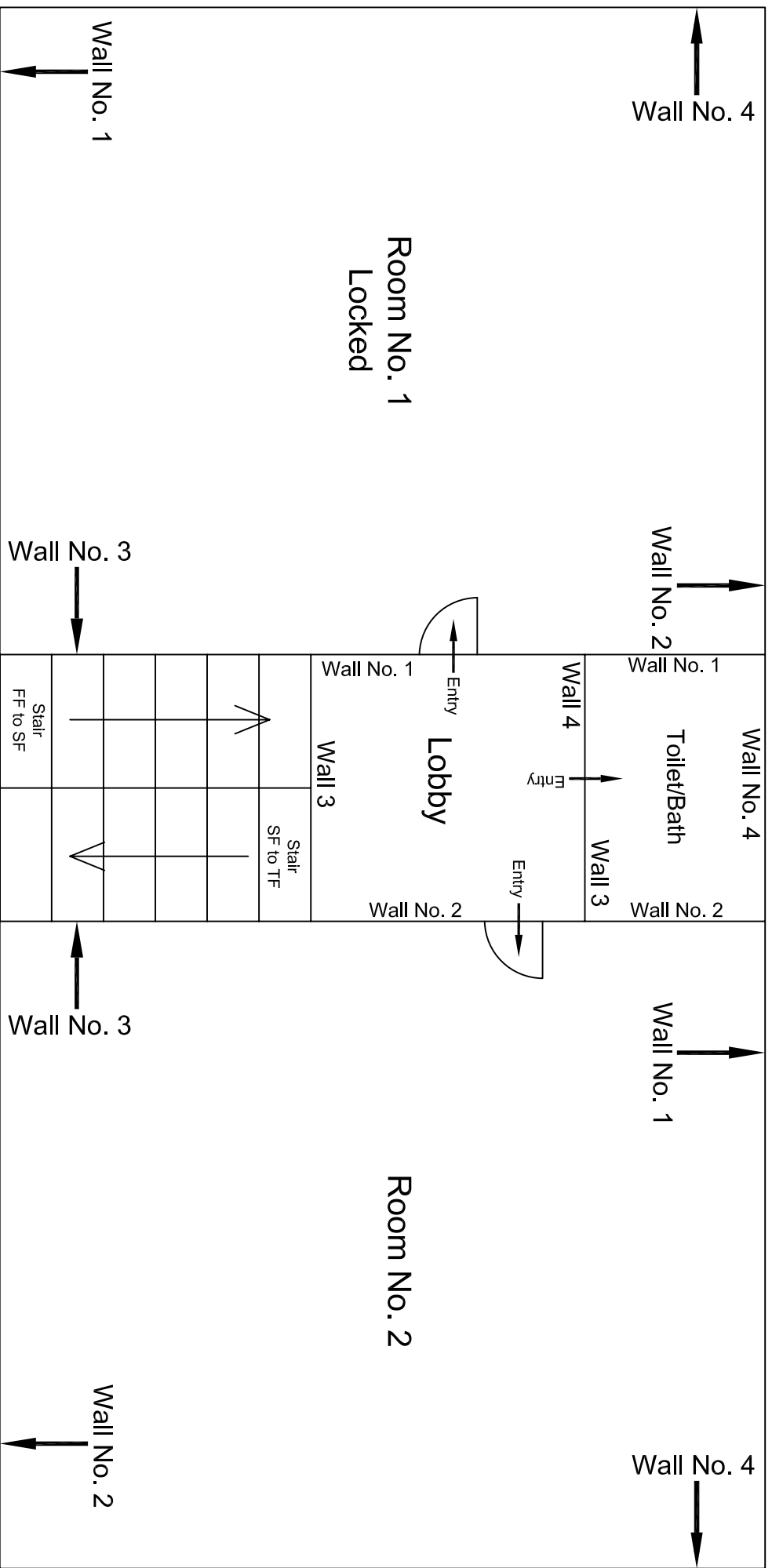


Ground Floor Plan

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				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No.294 & 295 Ramganj Bazar		DRAWING NO.: AIMIL/ESG/12315/BC-RA-UP-0022/ 294/ 295 / 01		
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00		NP	Dr. PRC	16.11.2013						REVISION: R0		
Revision	Description of Revision	Drawn By	Approved By	Date								



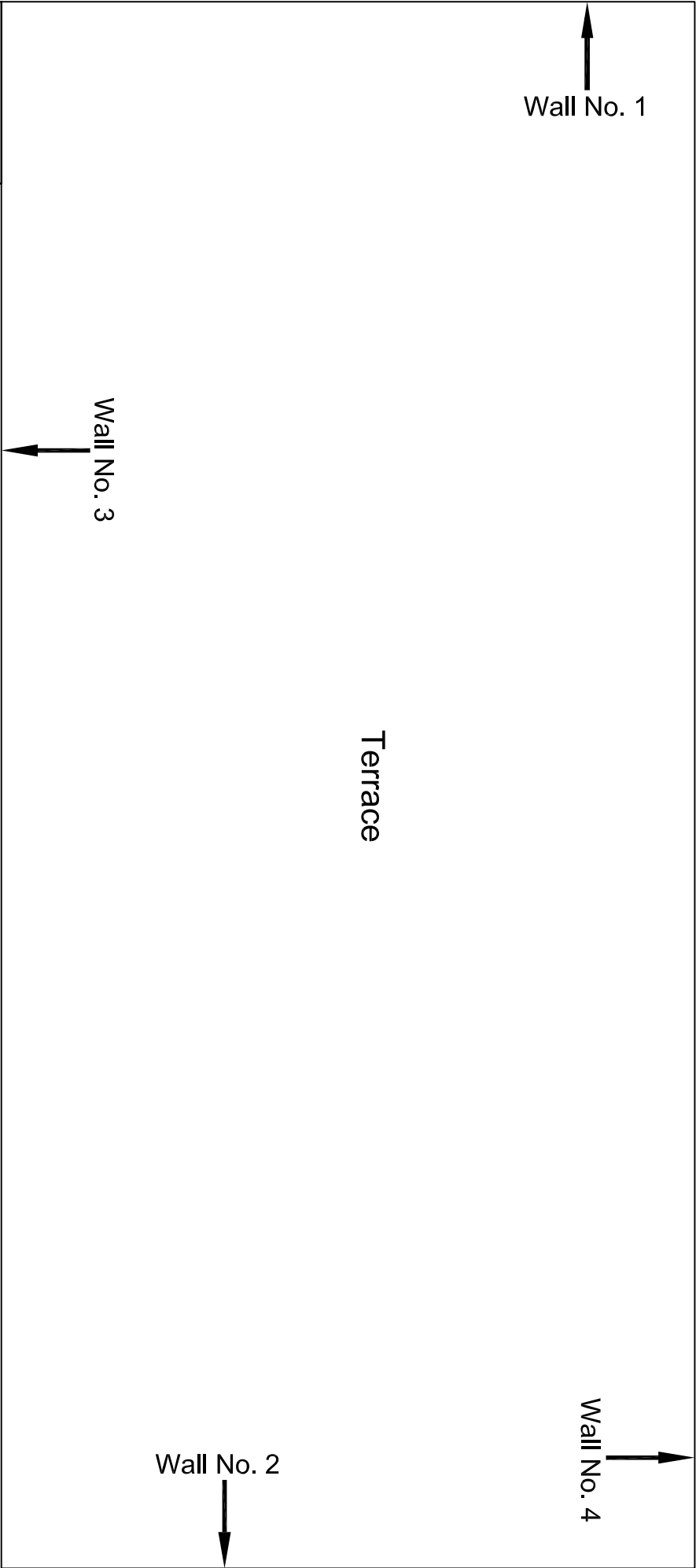




## Second Floor Plan

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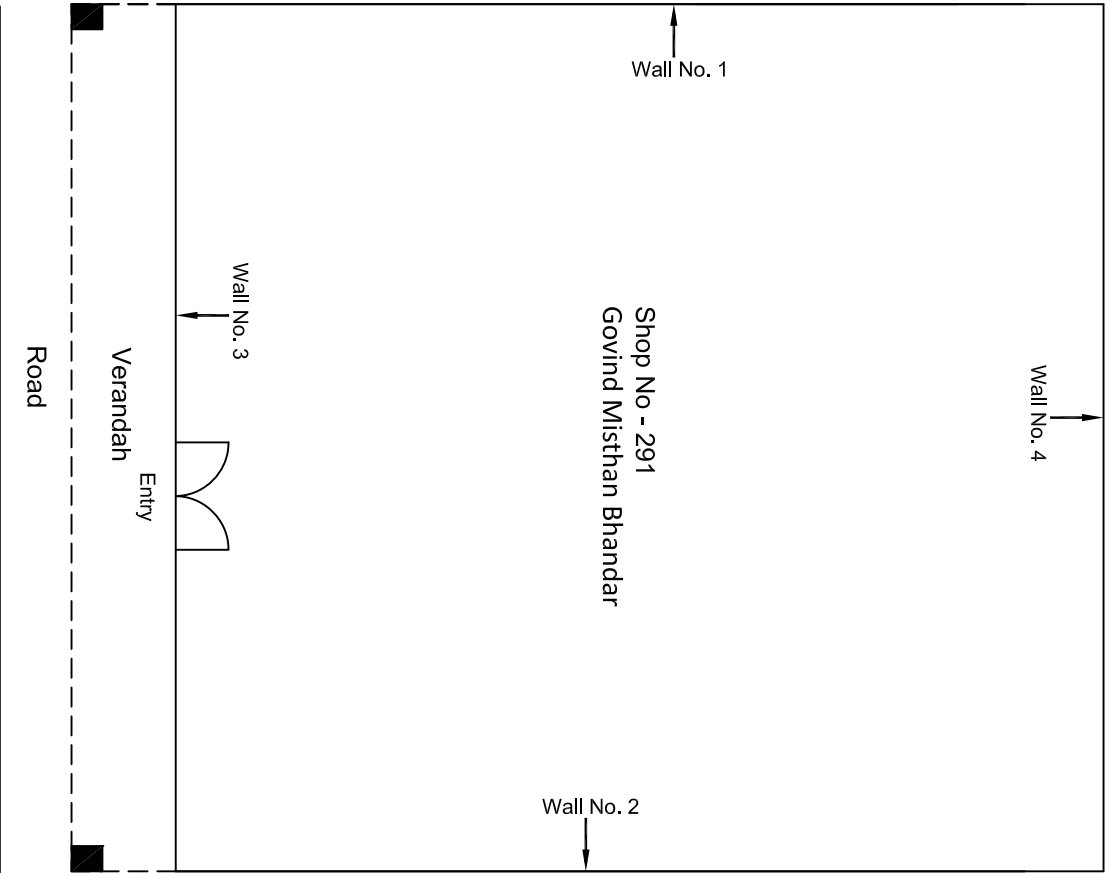
Stair
TF to Terraace

					CONSULTANT:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
					OMIKRON KAPPA - INDUS	CEC	AIMIL LIMITED			
					CONSULTRANS JV					
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					DMRC/JMRC	Jaipur Metro Phase 1B		DRAWING TITLE:	DRAWING NO.:	
00		NP	Dr. PRC	16.11.2013				Terraace Floor Plan of House No. 294 & 295	AIMIL/ESG/12315/BC-RA-UP-0022/FF-SF/TF /04	
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Terraace Floor Plan

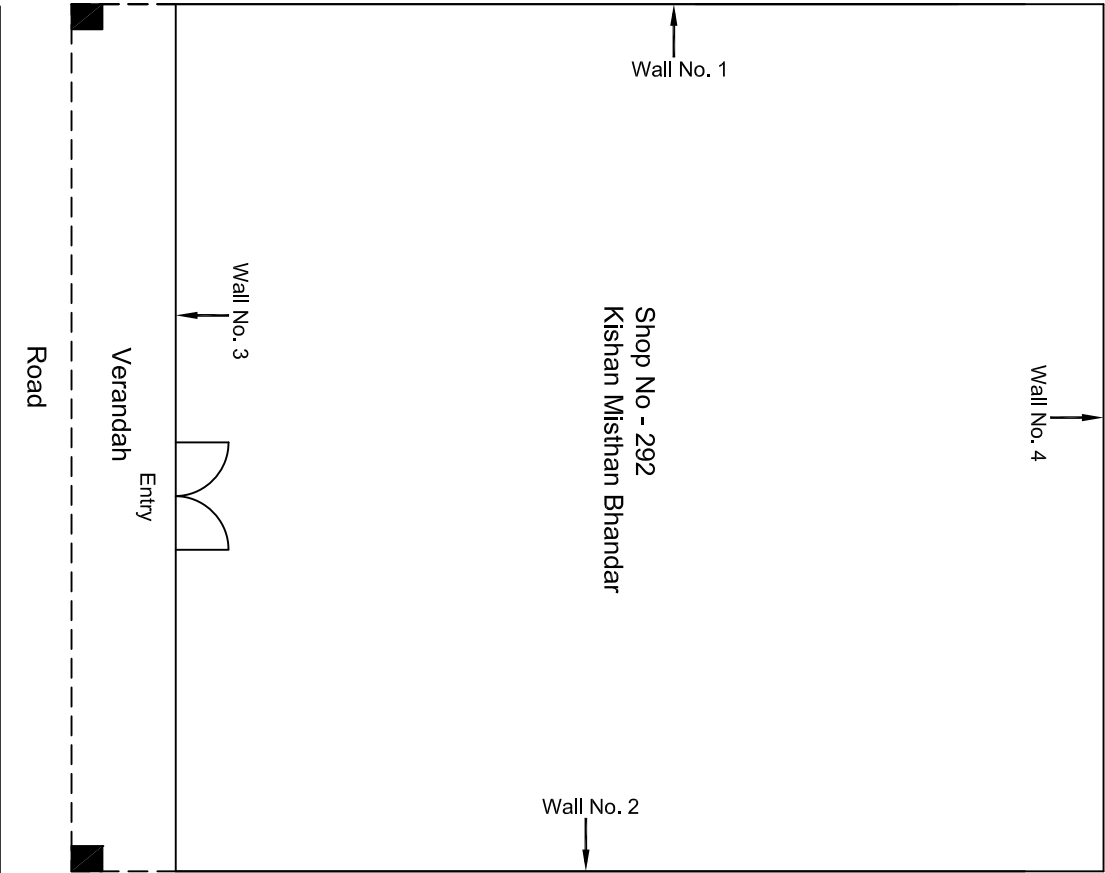






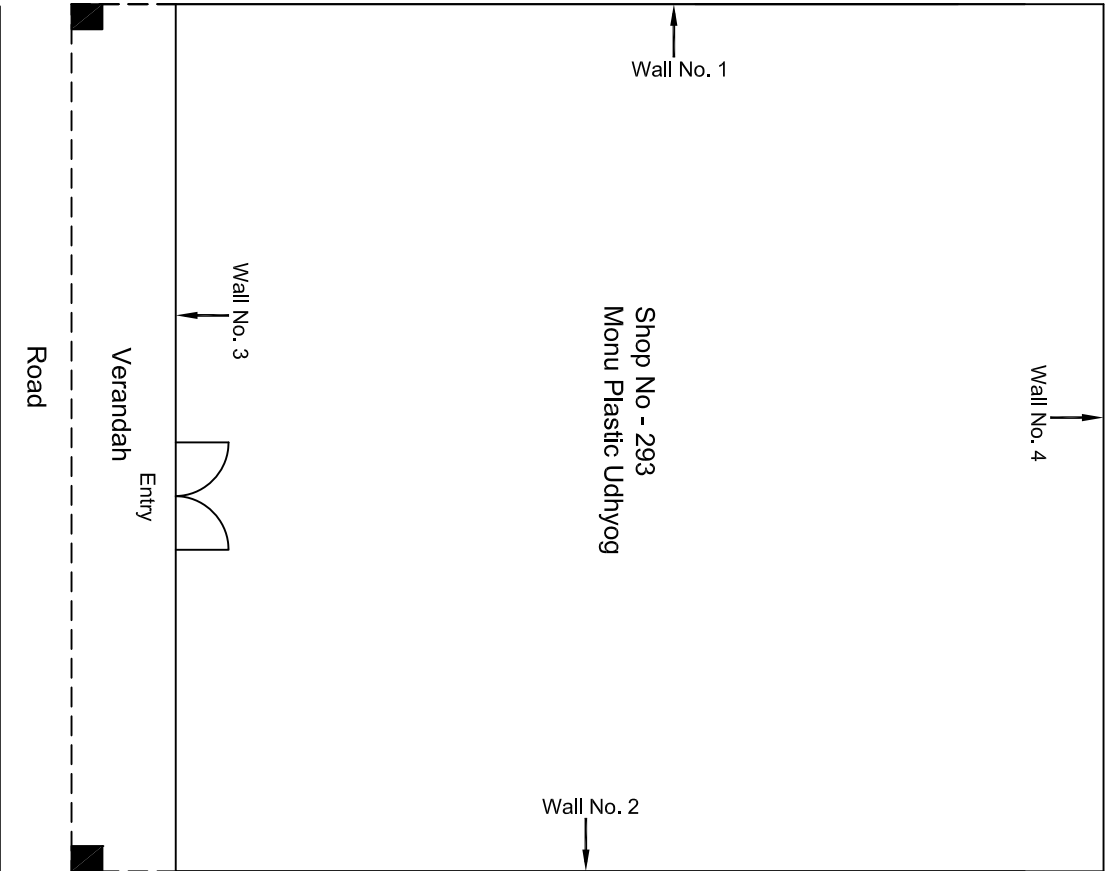
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				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 291 Govind Misthan Bhandar Rangani Bazar Badi Chopad		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0023/291/ 01		
00		NP	D. PRC	16.11.2013				SCALE: Not to Scale		REVISION: R0		
Revision	Description of Revision	Drawn By	Approved By	Date								

Ground Floor Plan



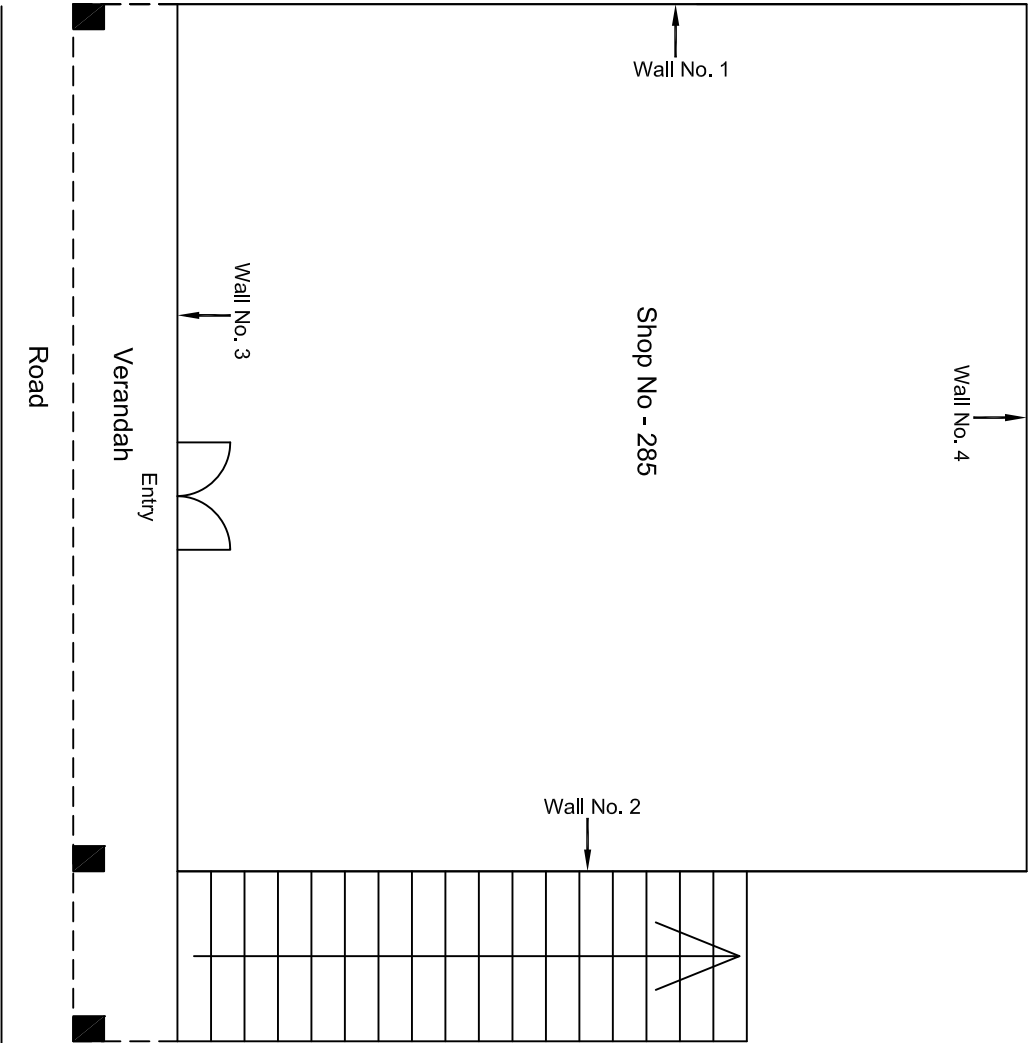
Ground Floor Plan

				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 292 Kishan Mishthan Bhandar Ranganj Bazar Badi Choped	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0023/292/ 01	REVISION: R0
00		NP	Dt. :PRC	16.11.2013					
Revision	Description of Revision	Drawn By	Approved By	Date					



Ground Floor Plan

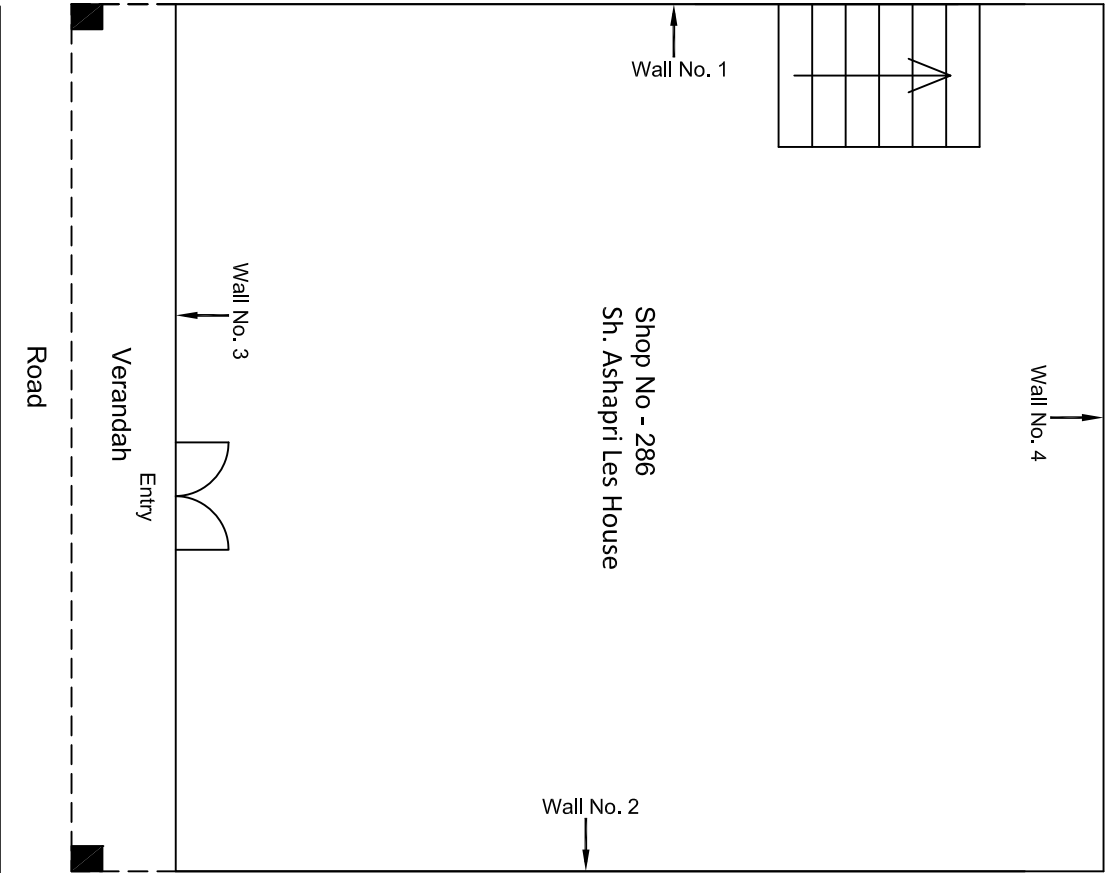
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				CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 293 Monu Plastic Udhryog Rangani Bazar Badi Chopad	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0023/293/ 01	REVISION: R0
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Ground Floor Plan

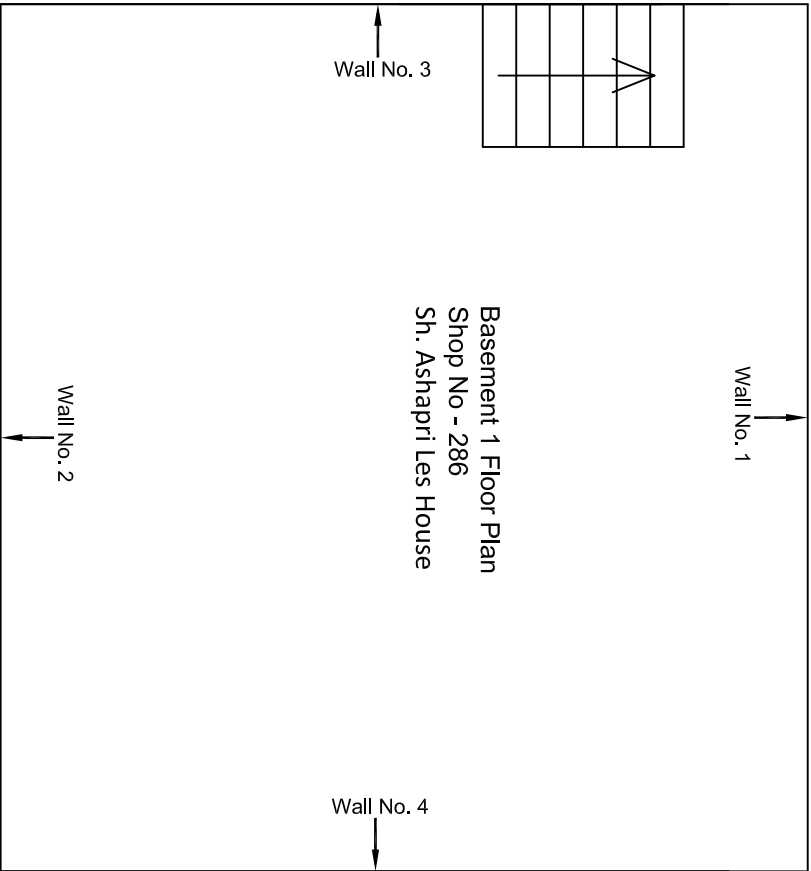
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					CLIENT: DMRC/JMRC		CONTRACT:  Jaipur Metro Phase 1B				DRAWING TITLE:  Ground Floor Plan of Shop No 285 Ramganji Bazar Badi Choped	
00		NP	Dr. PRC	16.11.2013							DRAWING NO.: AIMIL/ESG/12315/-BC-RA-UP-0024/285/ 01	
Revision	Description of Revision	Drawn By	Approved By	Date							SCALE: Not to Scale	REVISION: R0





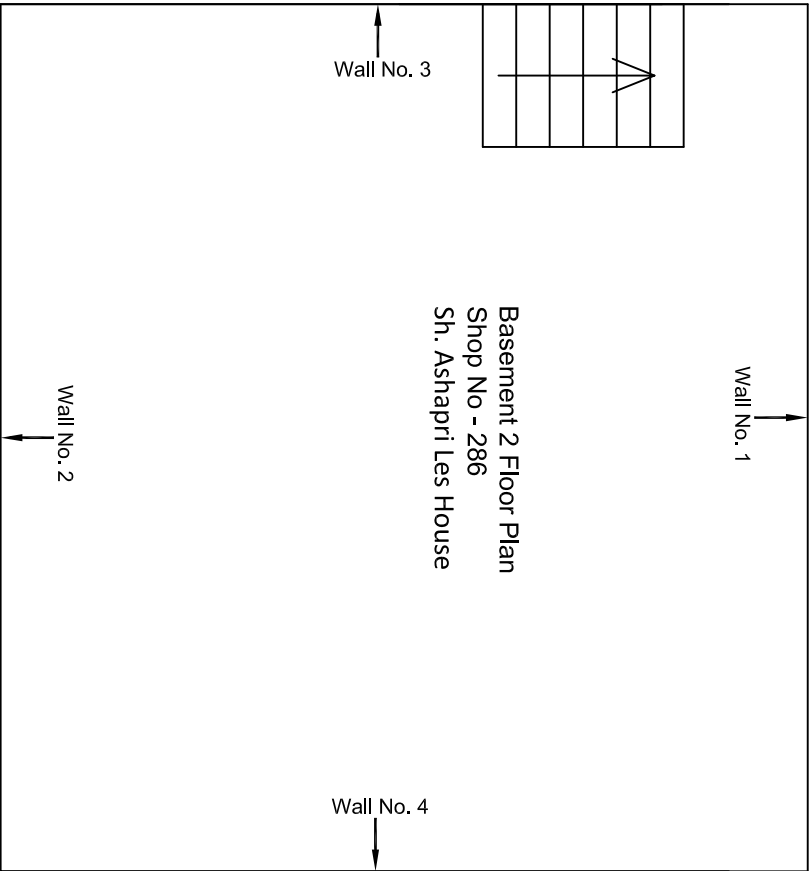
Ground Floor Plan

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				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 286 Sh. Ashapri Les House Ramgarh Bazar Badi Choped		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0024/286/ 01		
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Revision	Description of Revision	Drawn By	Approved By	Date								



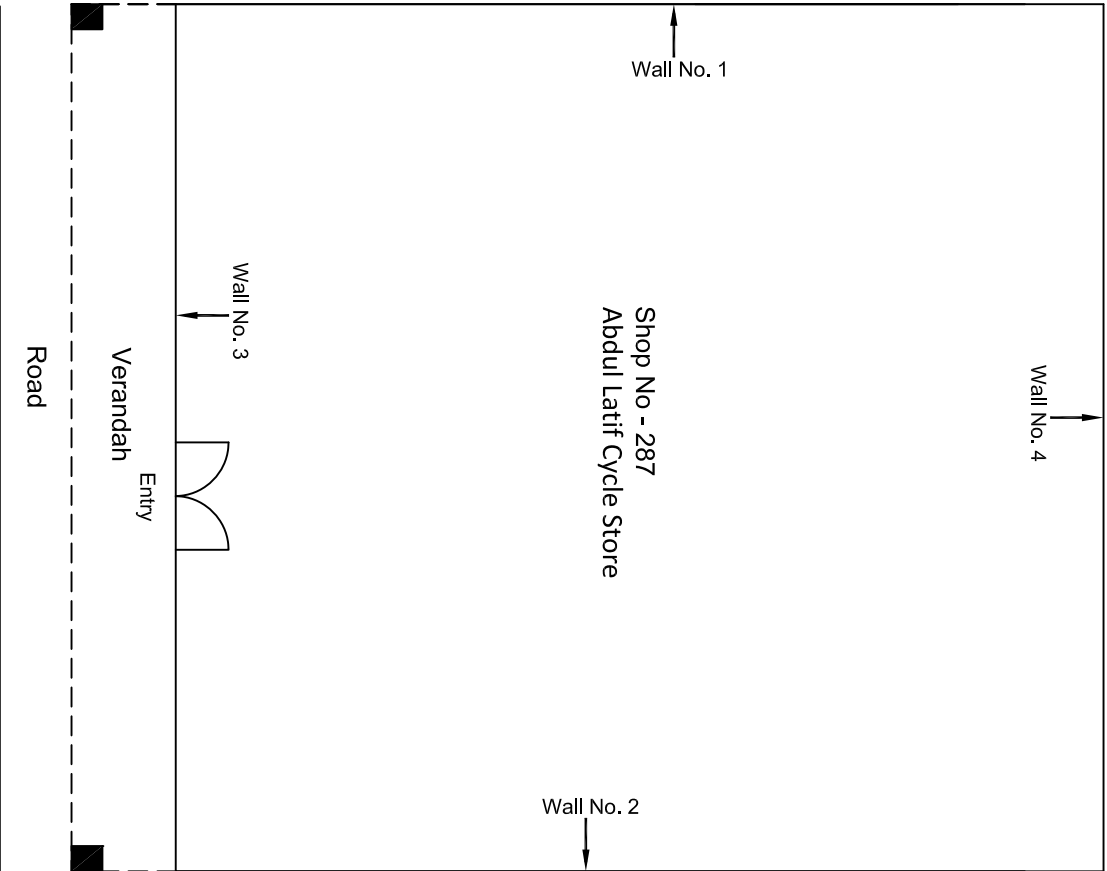
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				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Basement 1 Floor Plan of Shop No 286 Sh. Ashapri Les House Ramganj Bazar Badi Chopad		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0024/286/ 02		
00		NP	D. PRC	16.11.2013						SCALE: Not to Scale		
Revision	Description of Revision	Drawn By	Approved By	Date						REVISION: R0		

Basement 1 Floor Plan



				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Basement 2 Floor Plan of Shop No 286 Sh. Ashapri Les House Ramganj Bazar Badi Choped	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0024/286/ 03	REVISION: R0
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Revision	Description of Revision	Drawn By	Approved By	Date					

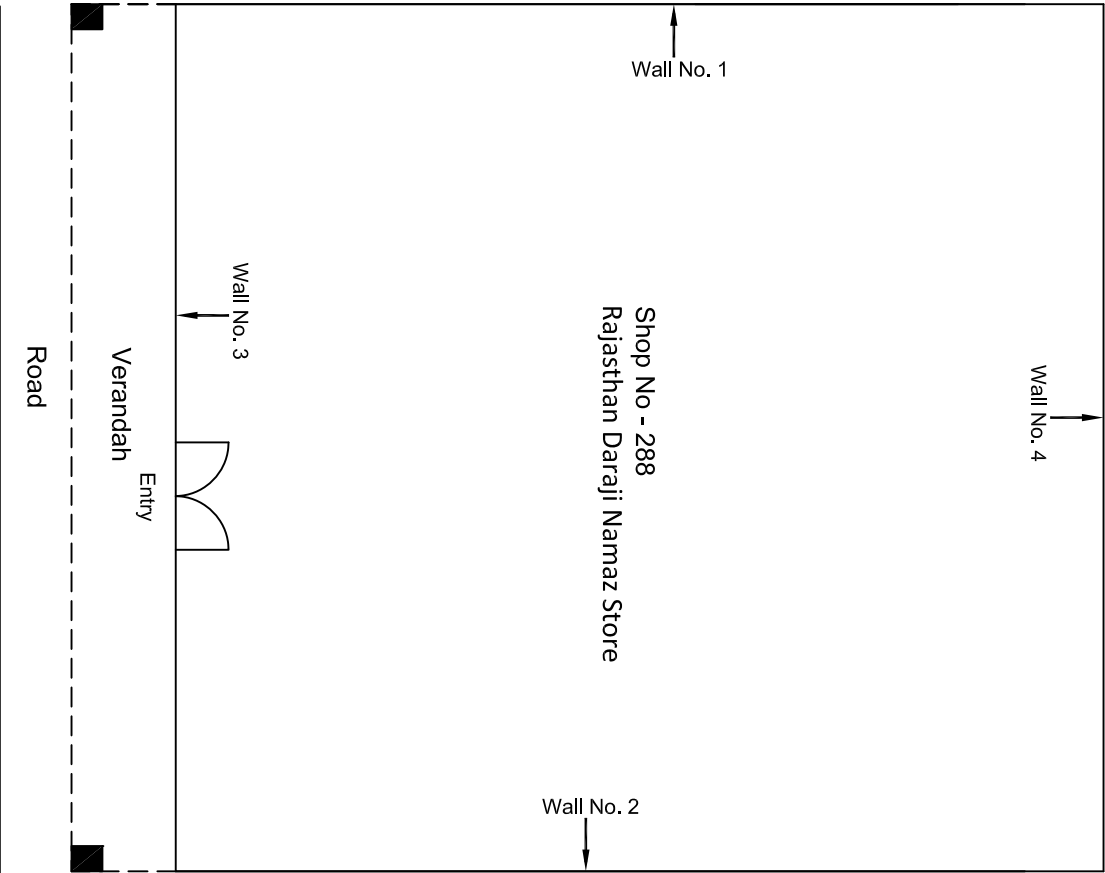
Basement 2 Floor Plan



Ground Floor Plan

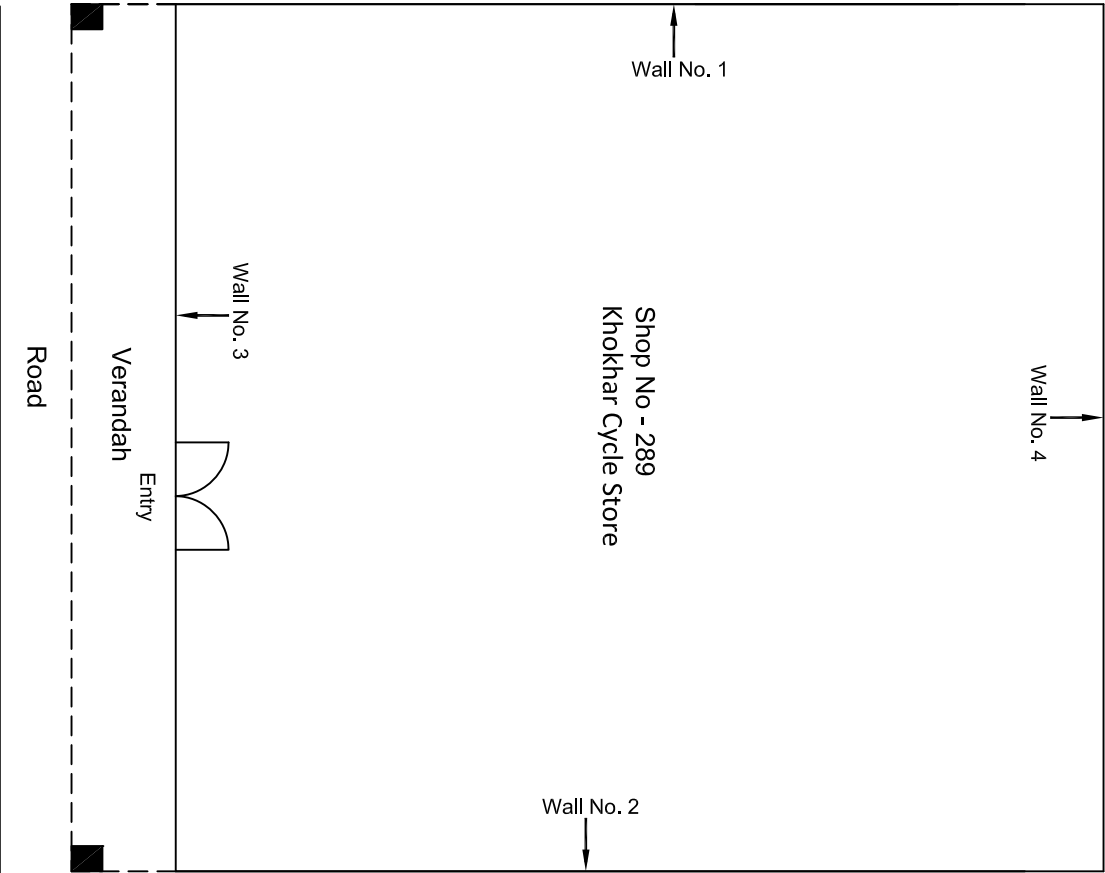
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					CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 287 Abdul Latif Cycle Store Ramganj Bazar Badi Choped		
00		NP	Dr. PRC	16.11.2013				DRAWING NO.: AIMIL/ESG/12315/-BC-RA-UP-0024/287/ 01	SCALE: Not to Scale	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date						





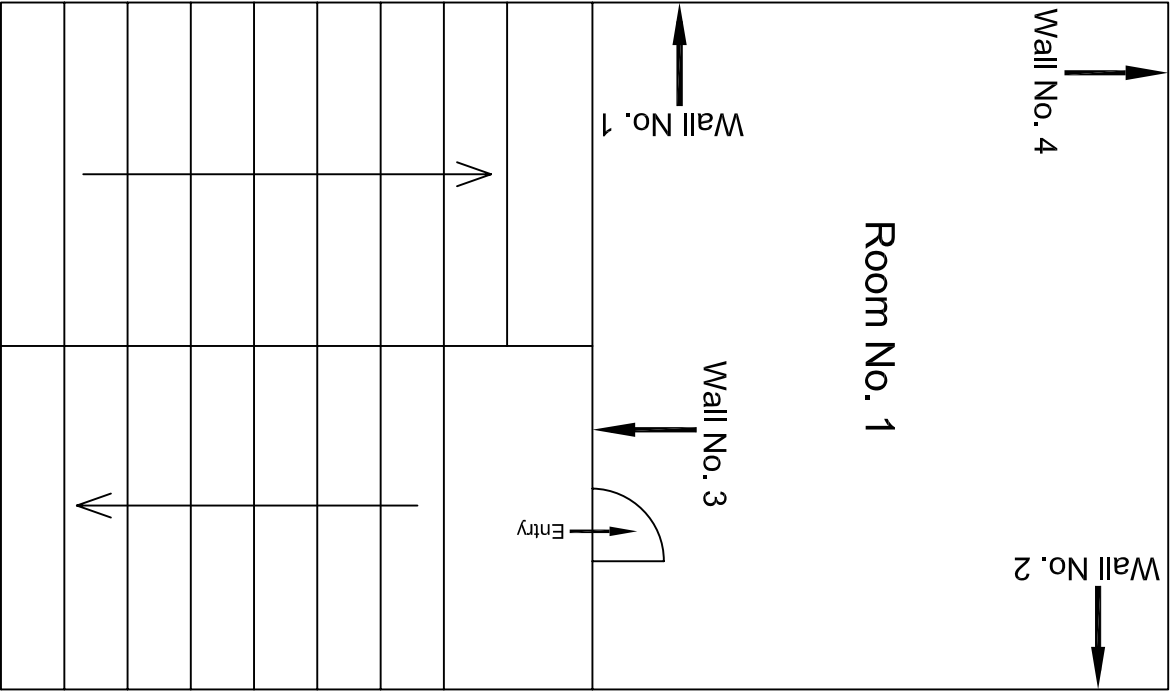
Ground Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV		MAIN CONTRACTOR:  CEC		SUB-CONTRACTOR:  AIMIL LIMITED		PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
					CLIENT: DMRC/JMRC		CONTRACT:  Jaipur Metro Phase 1B					
00		NP	Dr. PRC	16.11.2013								
Revision	Description of Revision	Drawn By	Approved By	Date								



Ground Floor Plan

				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 289 Khokhar Cycle Store		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0024/289/ 01		
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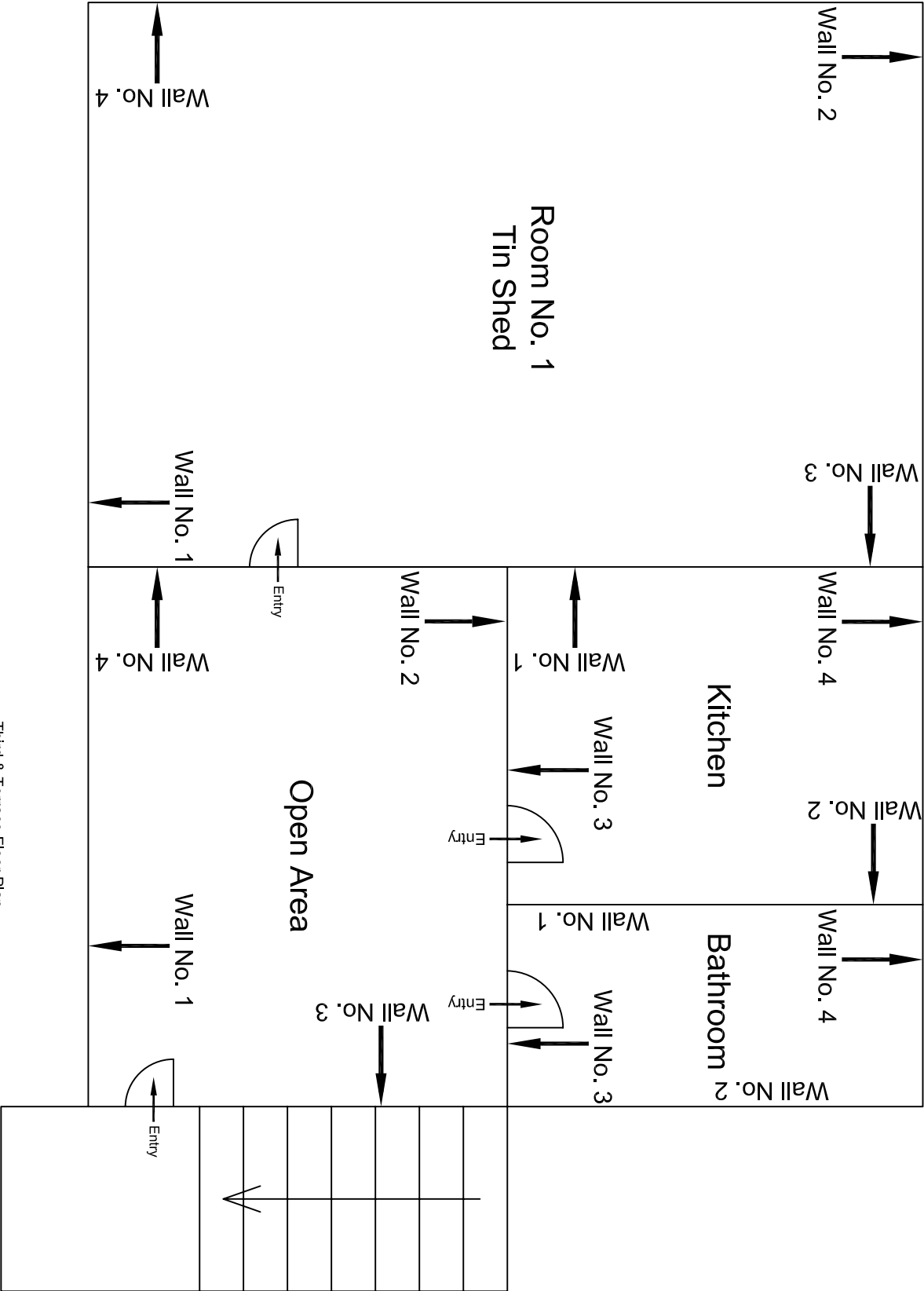
Mazzanine Floor Plan

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Revision	Description of Revision	Drawn By	Approved By	Date									
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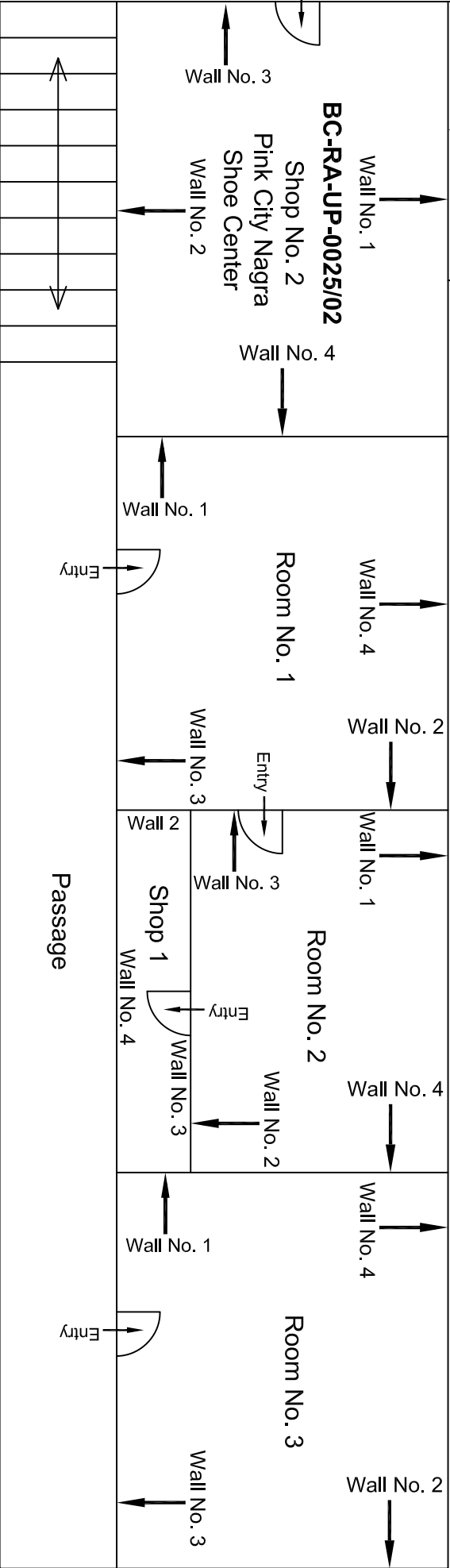
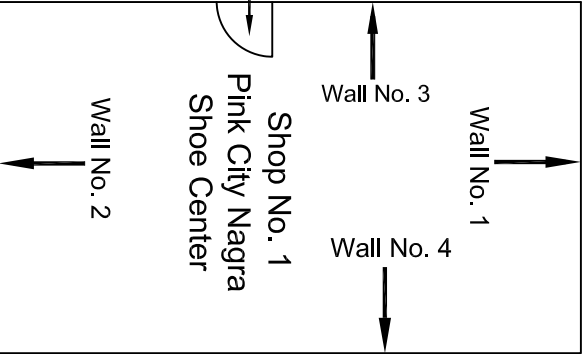




Third & Terrace Floor Plan

		CONSULTANT:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM. Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B			
		OMIKRON KAPPA - INDUS	CEC	AIMIL LIMITED				
		CONSULTRANS JV						
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BC-RA-UP-0025/01



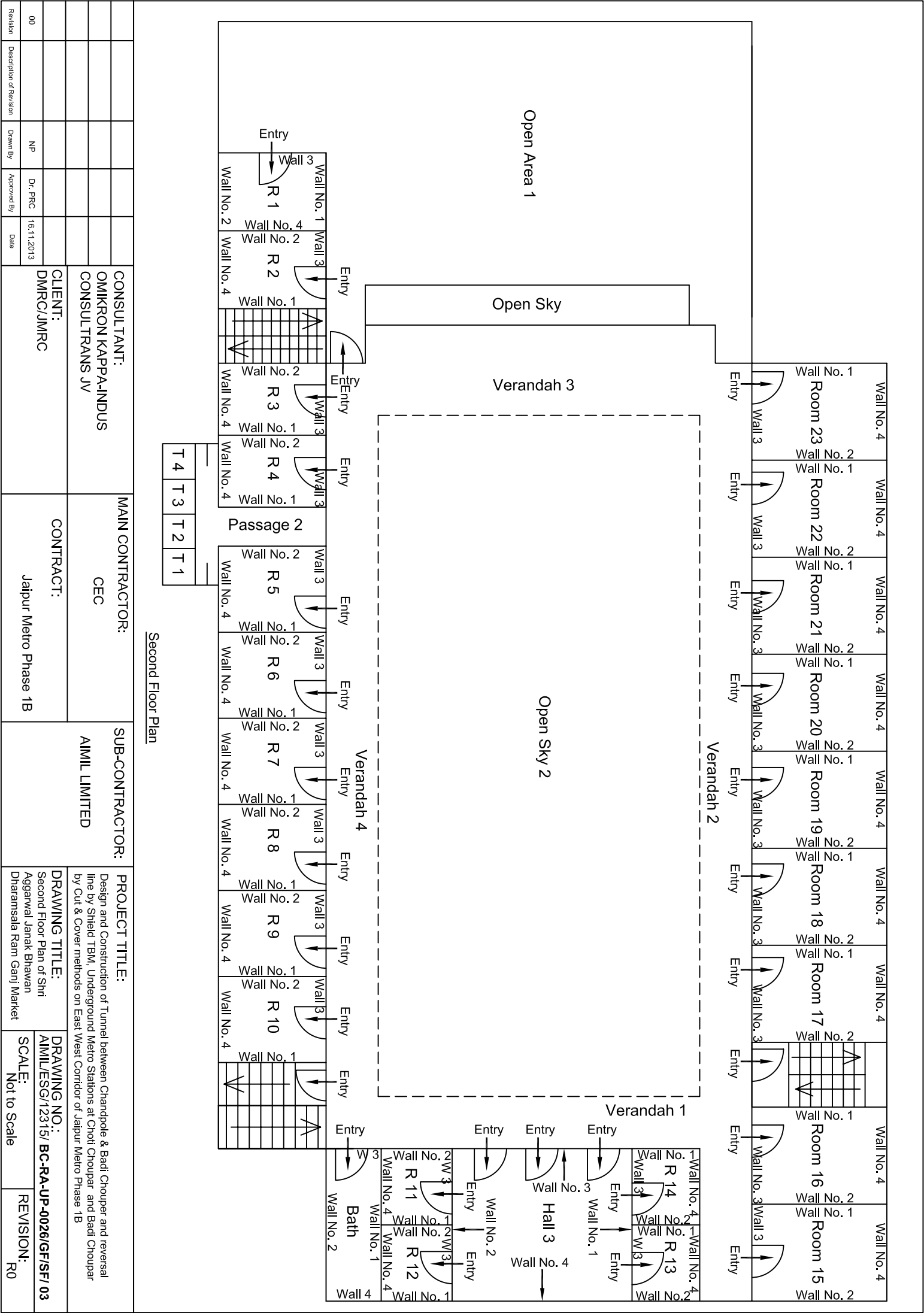
Ground Floor Plan

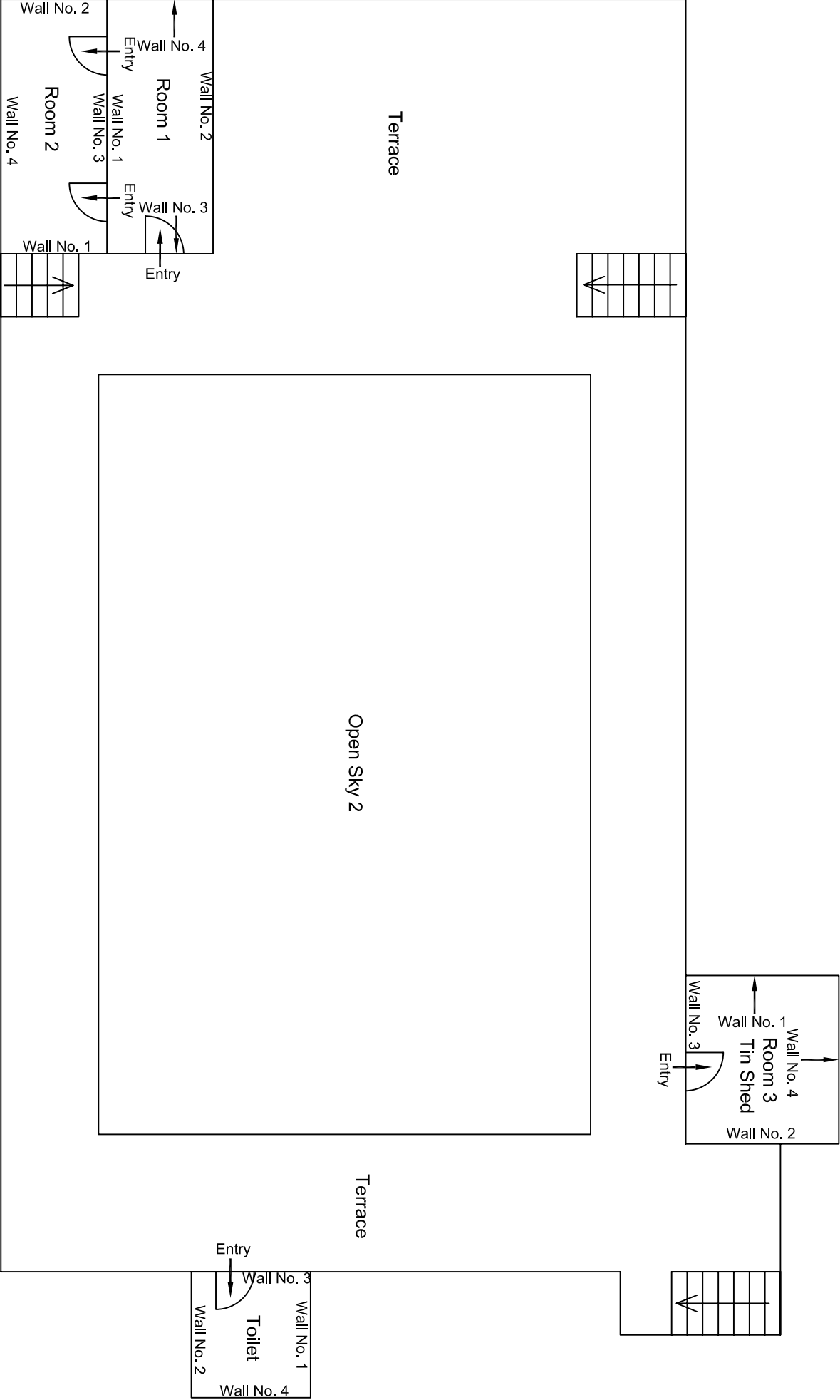
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					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan House No. 2414 Ranganj Bazar Shop No. 1 & 2		
00		NP	Dr. PRC	16.11.2013				DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0025 /01		
Revision	Description of Revision	Drawn By	Approved By	Date				SCALE: Not to Scale	REVISION:	





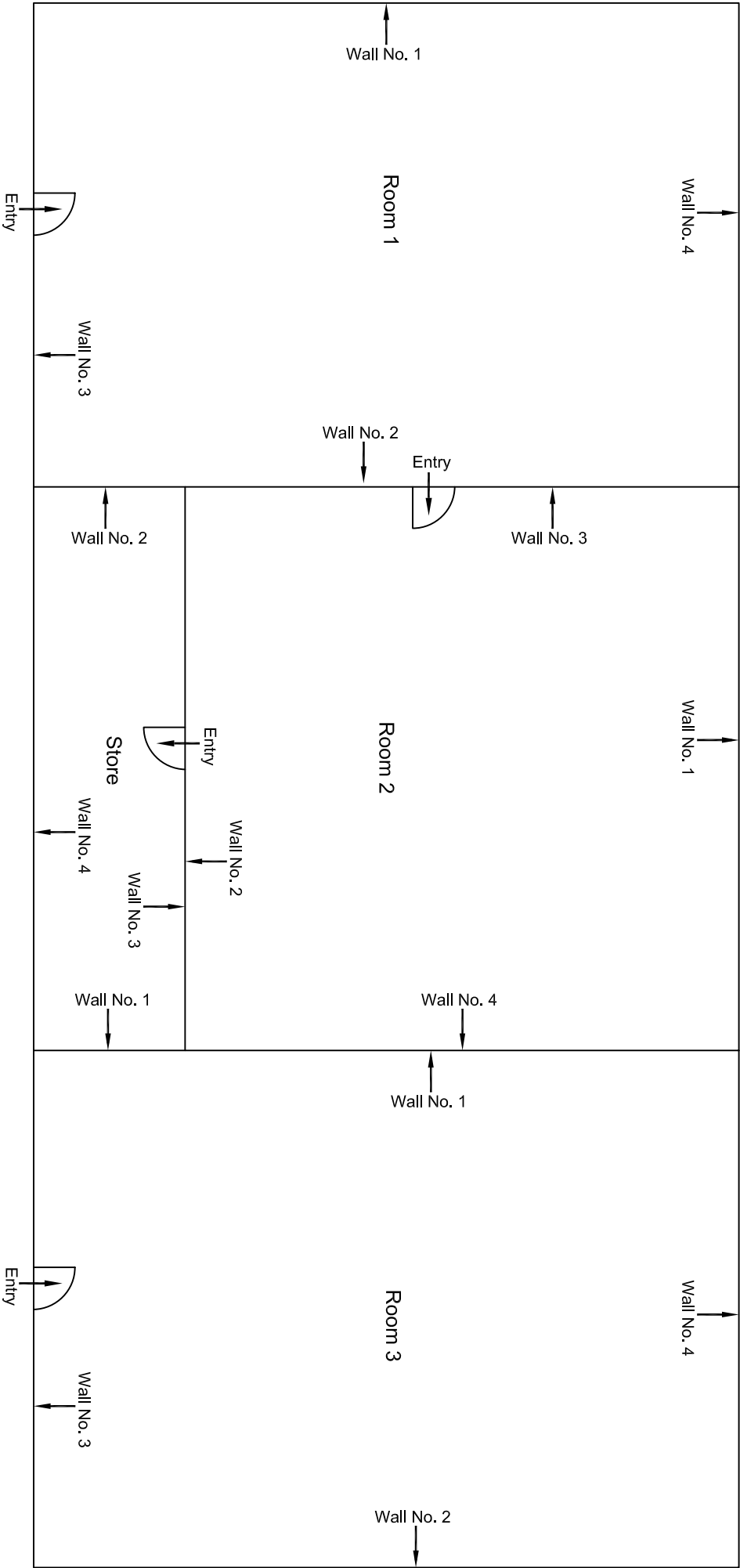






Terrace Floor Plan

				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM. Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B
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Revision	Description of Revision	Drawn By	Approved By	Date			



Passage

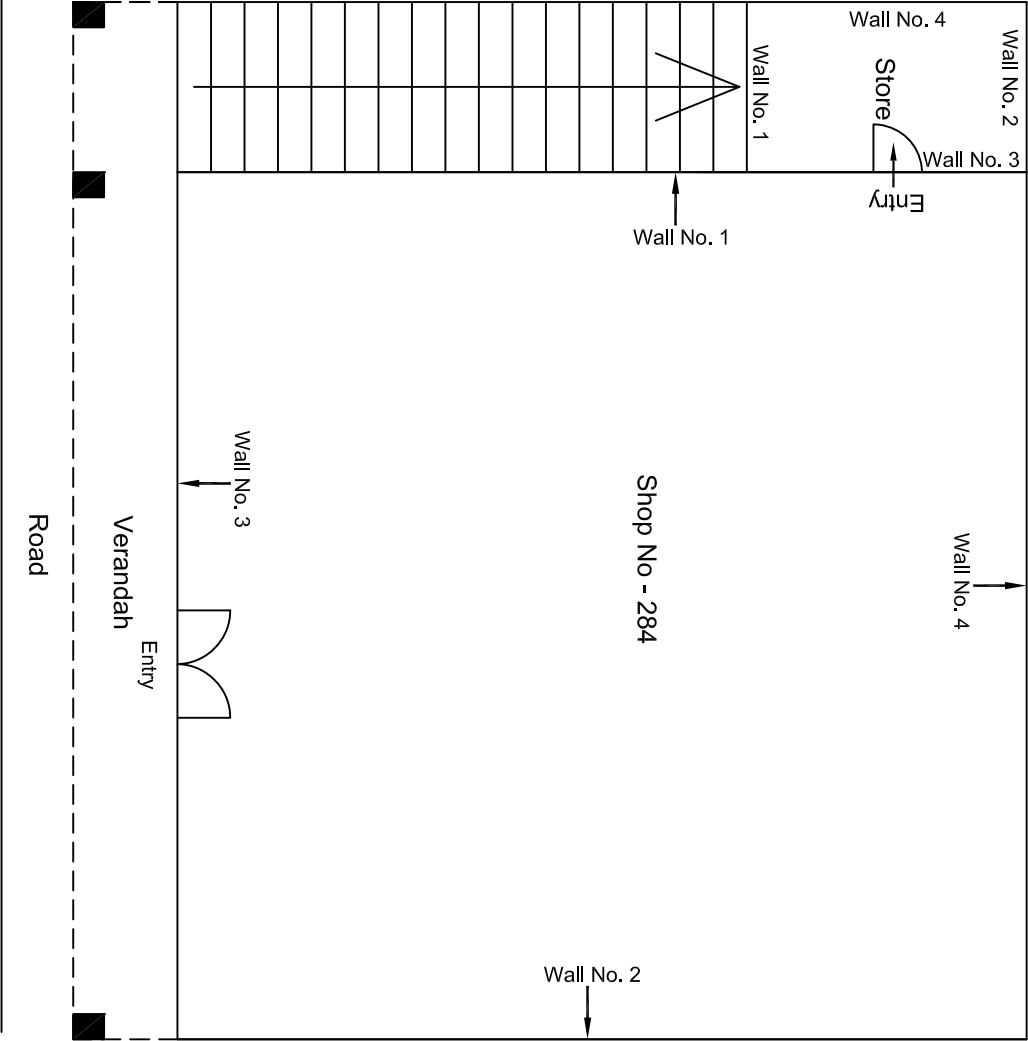
Store

Ground Floor Plan

			CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV		MAIN CONTRACTOR:  CEC		SUB-CONTRACTOR:  AIMIL LIMITED		PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM. Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
			CLIENT: DMRC/JMRC		CONTRACT:  Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of House NO. 2414, Sita Ram Ji Ka Mandir Ram Ganj Market		DRAWING NO.: AMIL/ESG/12315/ BC-RA-UP-0027/GF/FF/ 01	
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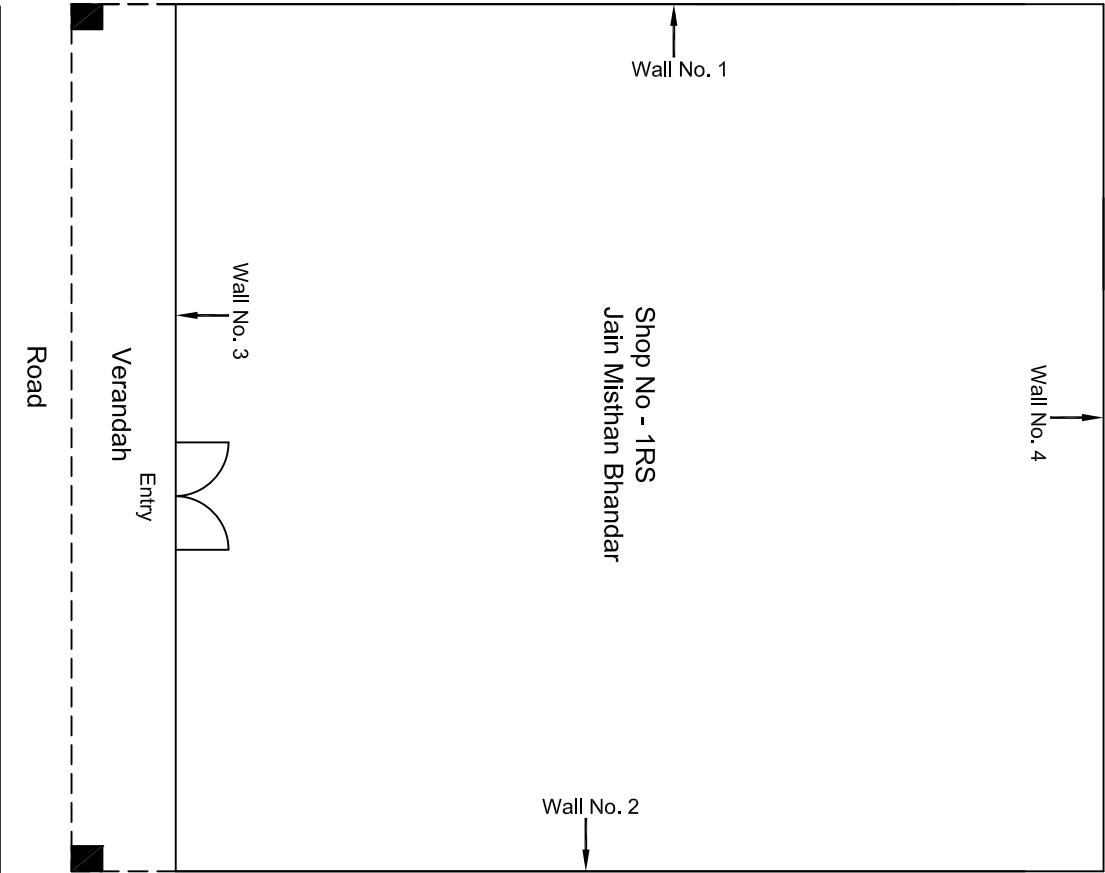






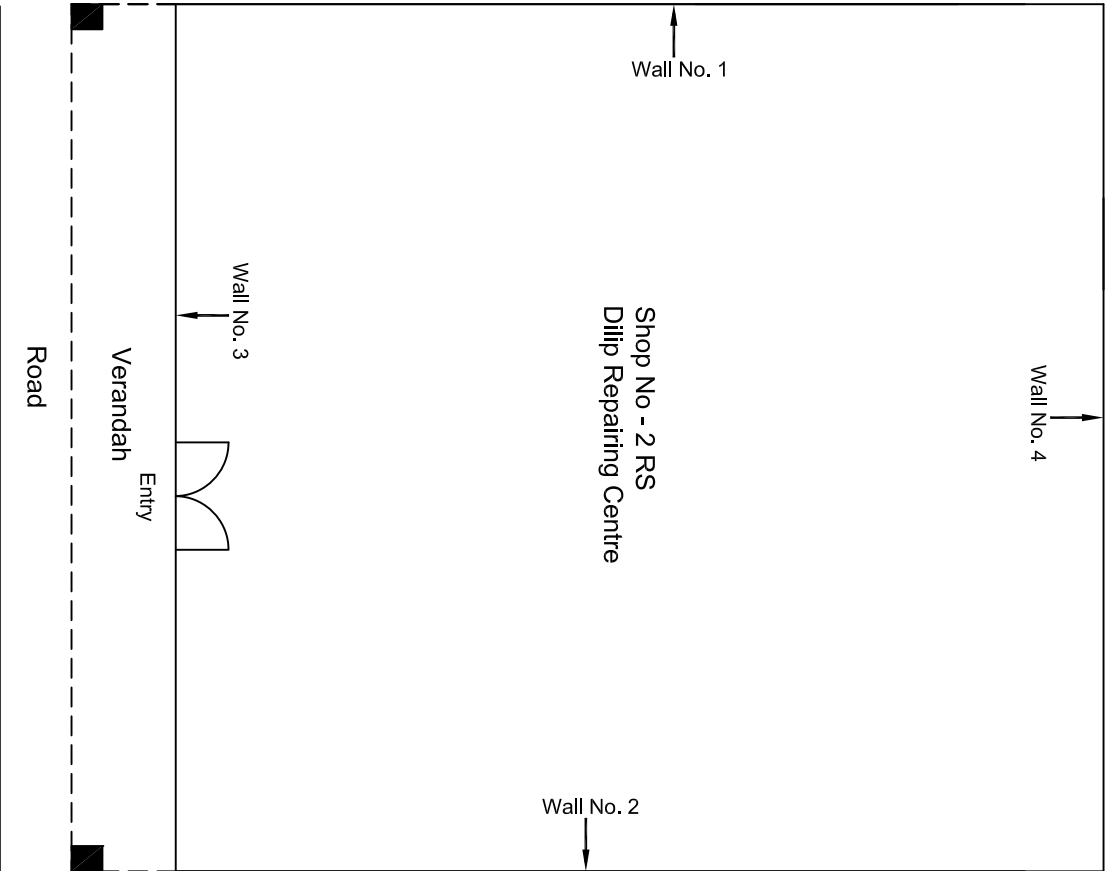
Ground Floor Plan

				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
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00		NP	Dr. PRC	16.11.2013				SCALE: Not to Scale		REVISION: R0		
Revision	Description of Revision	Drawn By	Approved By	Date								



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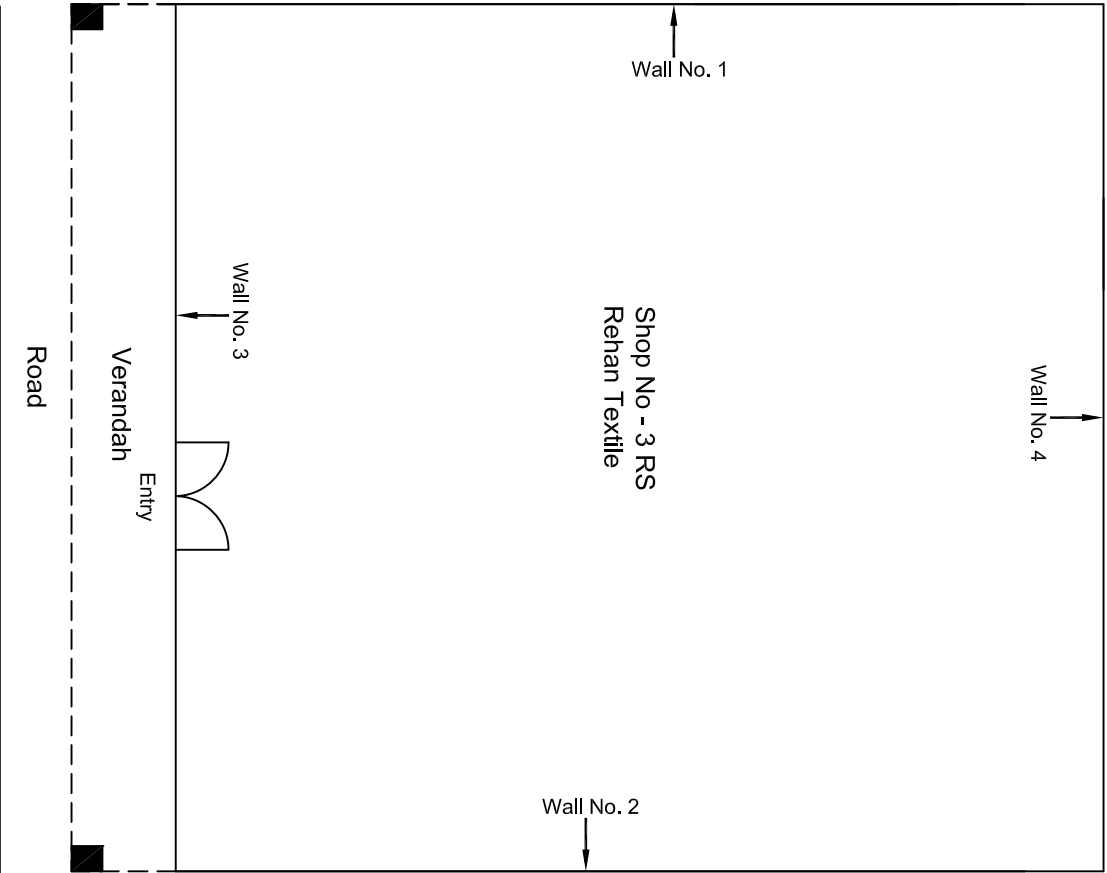
Ground Floor Plan



Ground Floor Plan

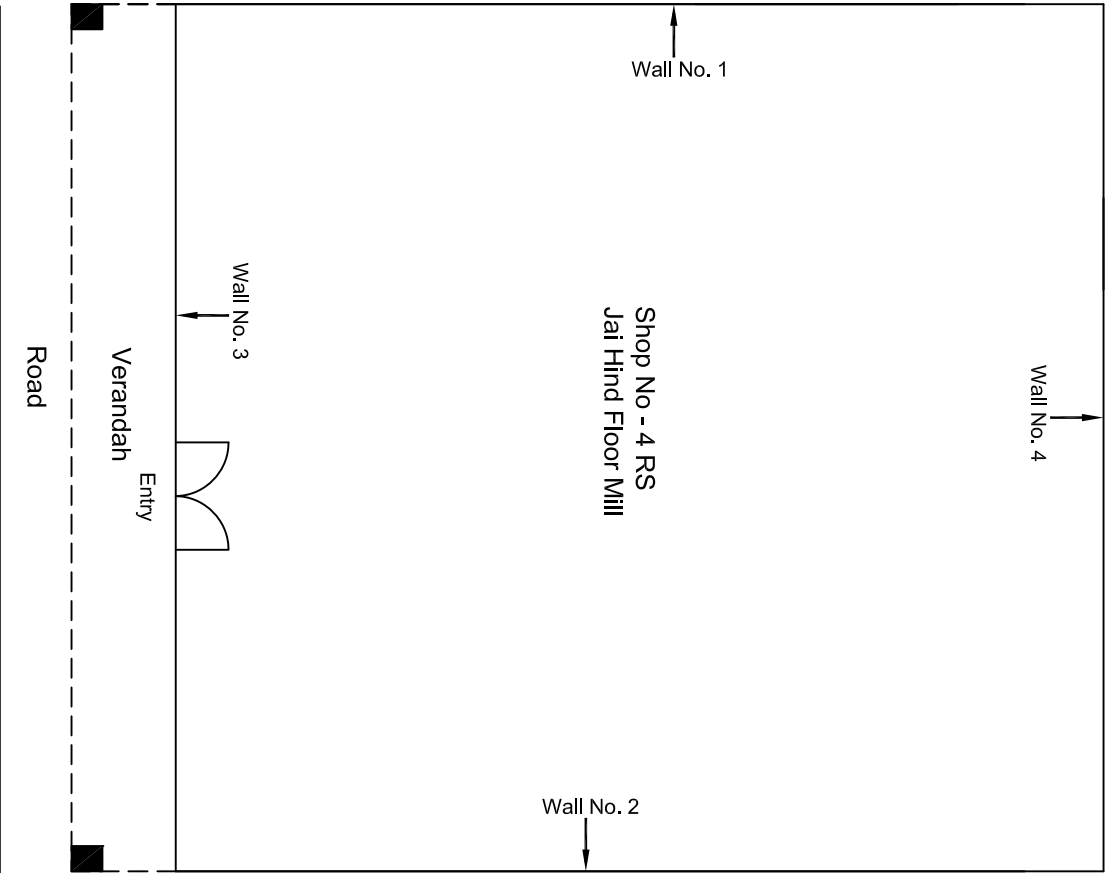
				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B				
00		NP	Dr. PRC	16.11.2013			DRAWING TITLE: Ground Floor Plan of Shop No 2 RS Diliip Repairing Centre	DRAWING NO. : AIML/ESG/12315/ BC-RA-UP-0028/2 RS/ 01	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date					





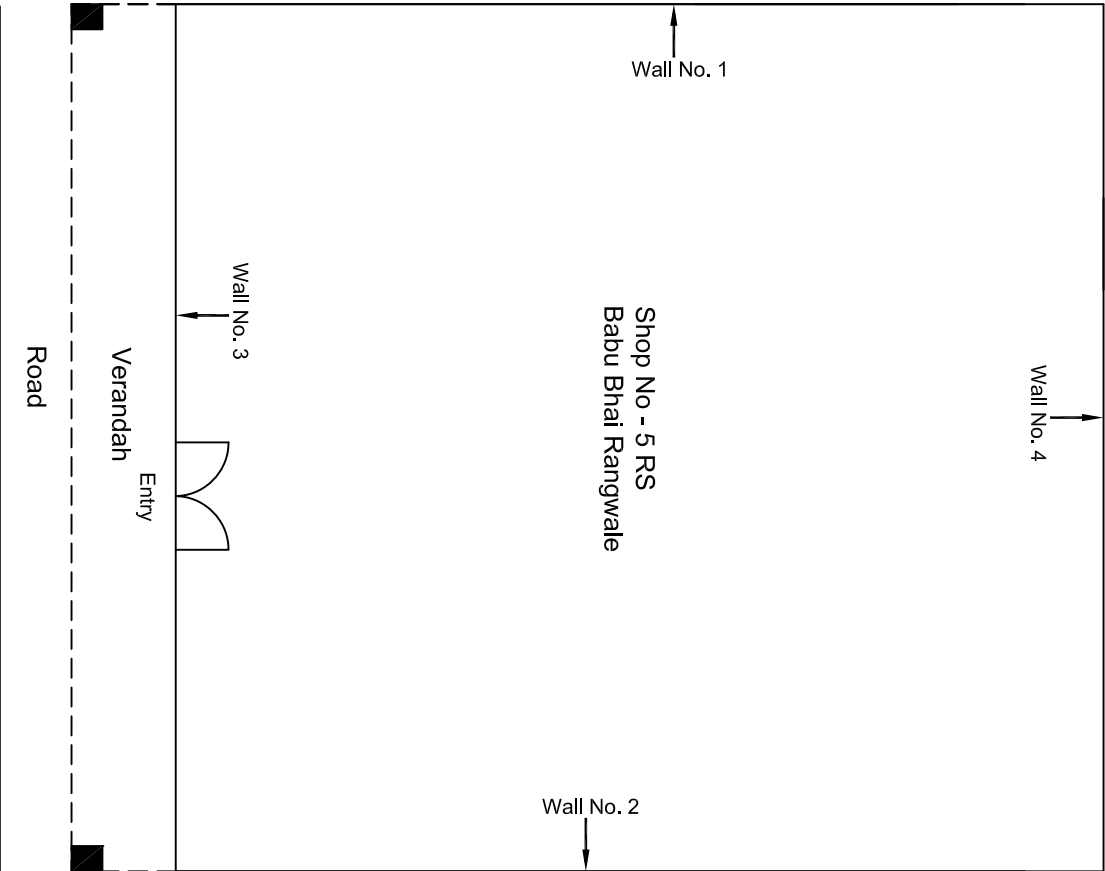
Ground Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED	PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B
					CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B		DRAWING TITLE:  Ground Floor Plan of Shop No 3 RS Rehan Textile Ranganj Bazar Badi Choped
00		NP	Dr. PRC	16.11.2013				
Revision	Description of Revision	Drawn By	Approved By	Date				DRAWING NO.: AIML/ESG/12315/ BC-RA-UP-0028/3 RS/ 01
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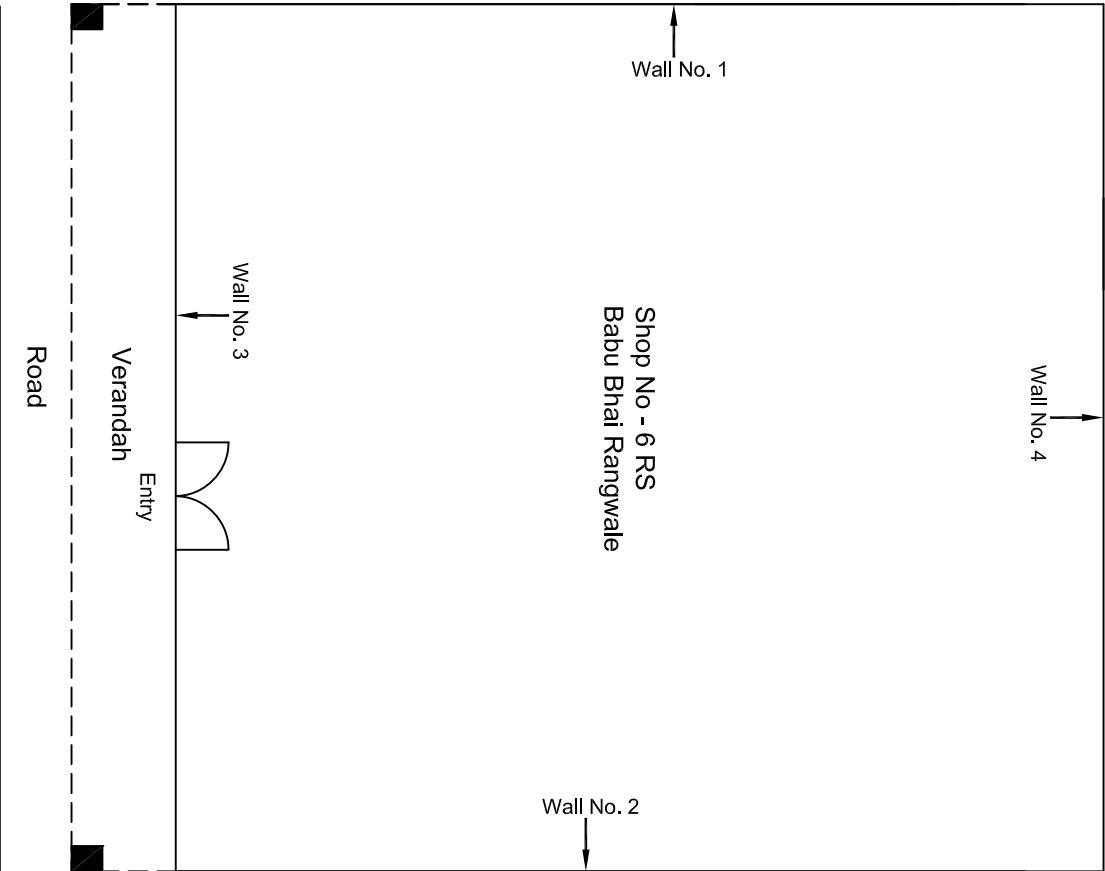
Ground Floor Plan

				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 4 RS Jai Hind Floor Mill Rangani Bazar Badi Choped	DRAWING NO. : AIML/ESG/12315/ BC-RA-UP-0028/4 RS/ 01	REVISION: R0
00		NP	Dt. PRC 16.11.2013						
Revision	Description of Revision	Drawn By	Approved By	Date					



Ground Floor Plan

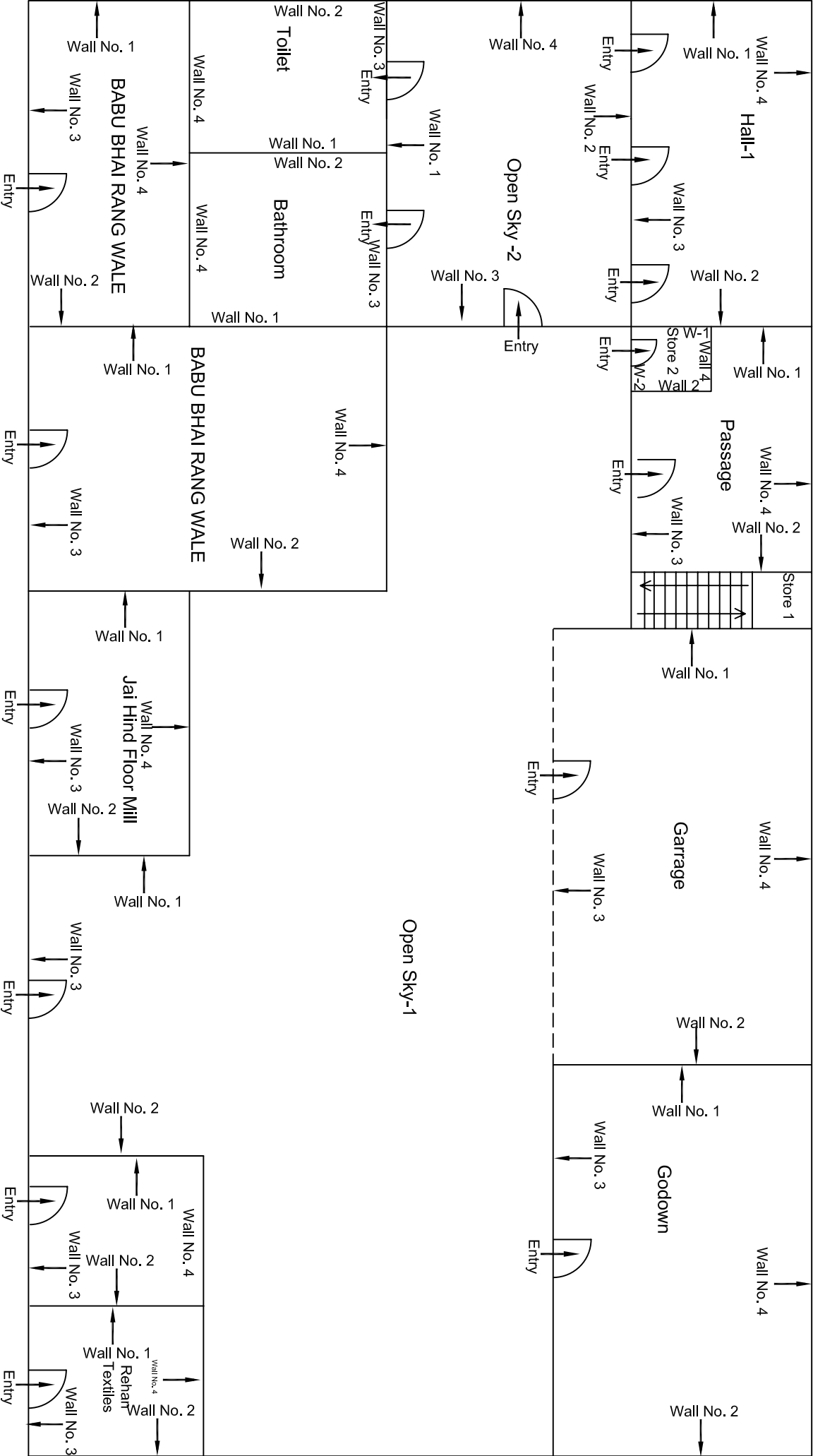
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					CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B		DRAWING TITLE:  Ground Floor Plan of Shop No 5 RS Babu Bhai Rangwale Ranganj Bazar Badi Choped
00		NP	Dr. PRC	16.11.2013				
Revision	Description of Revision	Drawn By	Approved By	Date				DRAWING NO.: AIML/ESG/12315/ BC-RA-UP-0028/5 RS/ 01
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								REVISION: R0



Ground Floor Plan

				CONSULTANT: OMIKRON KAPPAPANDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
				CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of Shop No 6 RS Babu Bhai Rangwale Rangani Bazar Badi Chopad	DRAWING NO. : AIML/ESG/12315/ BC-RA-UP-0028/6 RS/ 01	REVISION: R0
00		NP	Dt. PRC	16.11.2013					
Revision	Description of Revision	Drawn By	Approved By	Date					

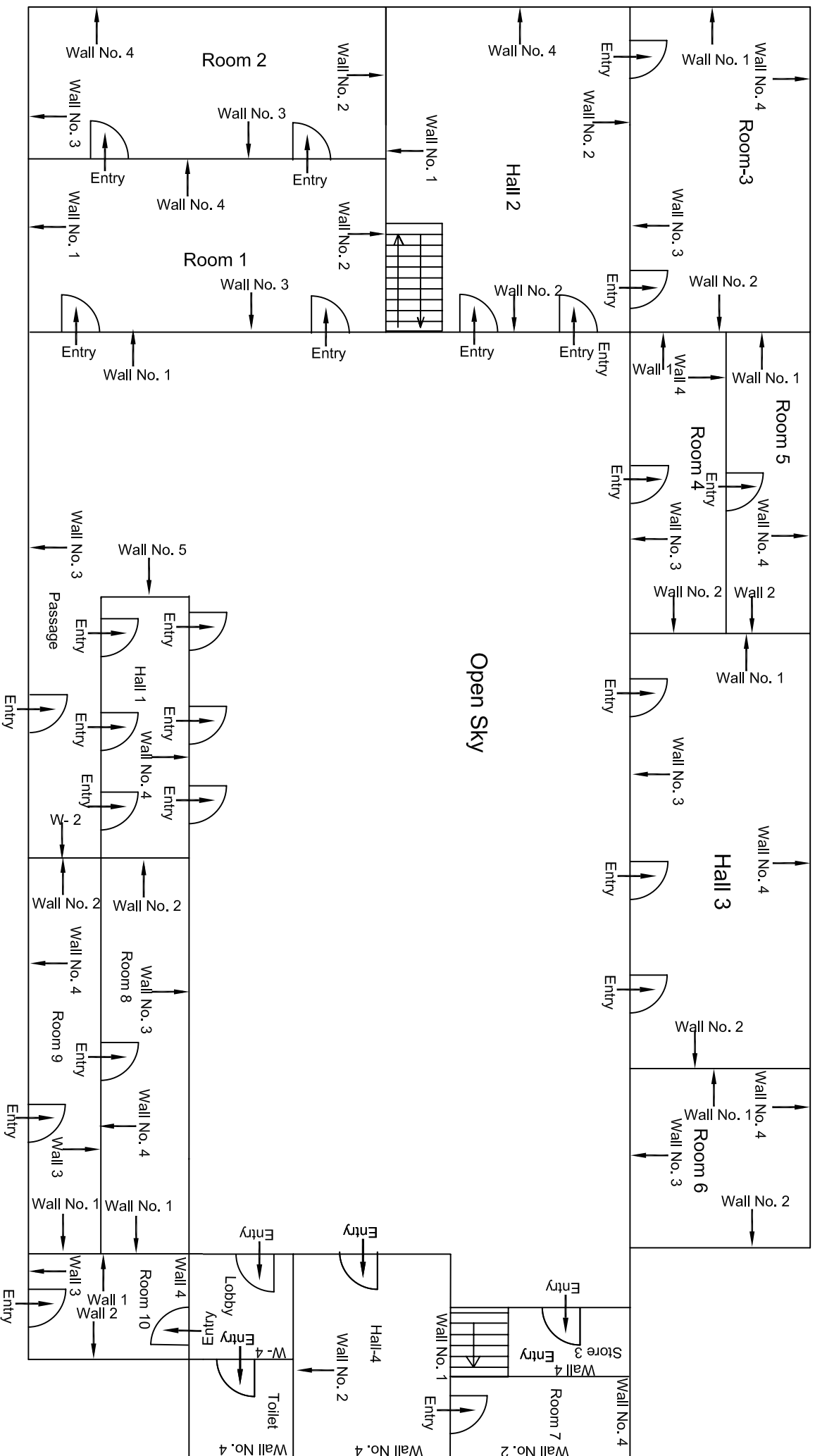




Ground Floor Plan(Part-A)

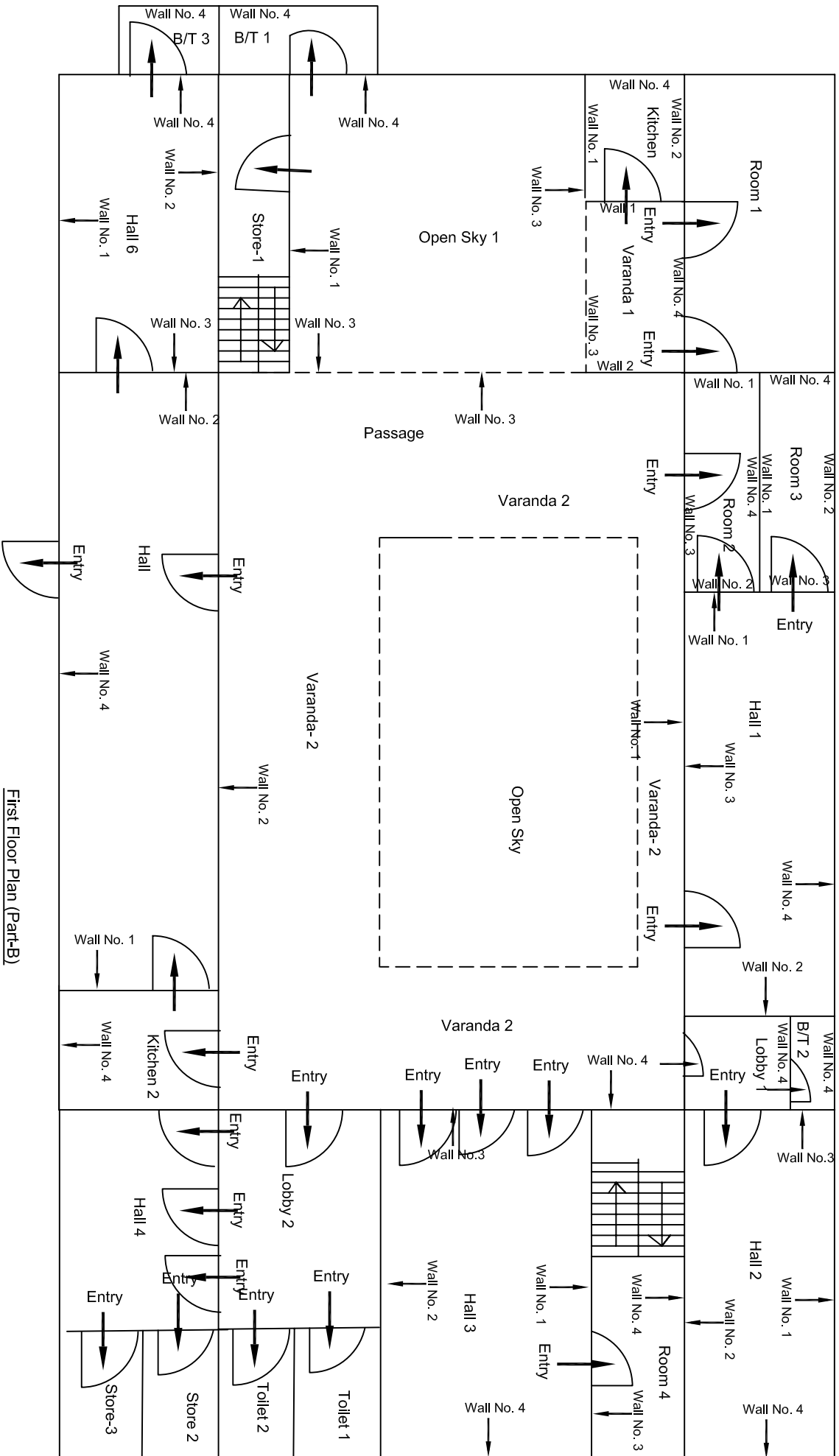
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## Ground Floor Plan (Part-B)

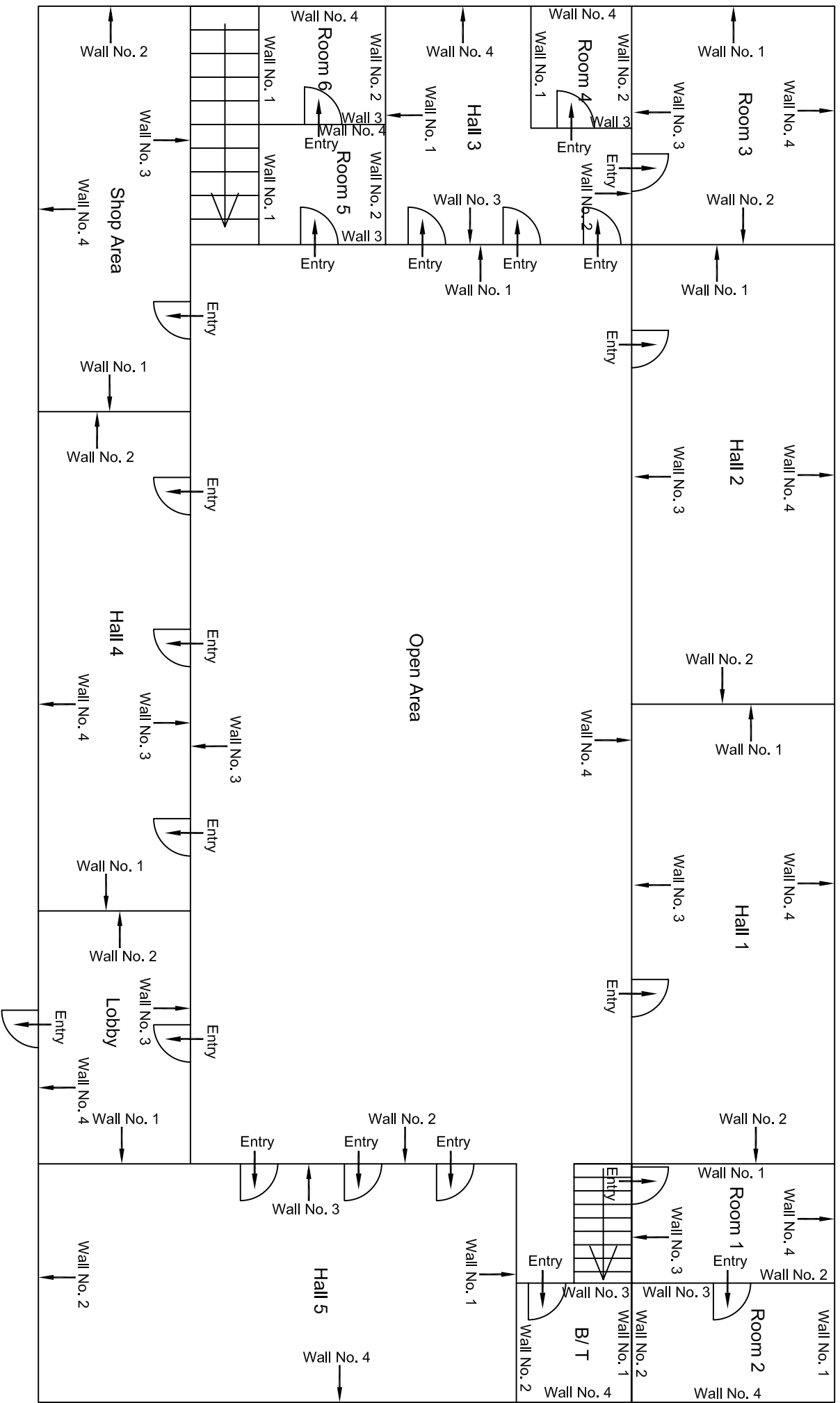
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					CIENT: DMRC/JMRC	CONTRACT:	DRAWING TITLE:	DRAWING NO.: AIMIL/ESG/12315/ <b>BC-RA-UP-0028/GF/SF/01</b>	
						Jaipur Metro Phase 1B	SCALE:	Not to Scale	REVISION:
Revision	Description of Revision	Drawn By	Approved By	Date			R0		



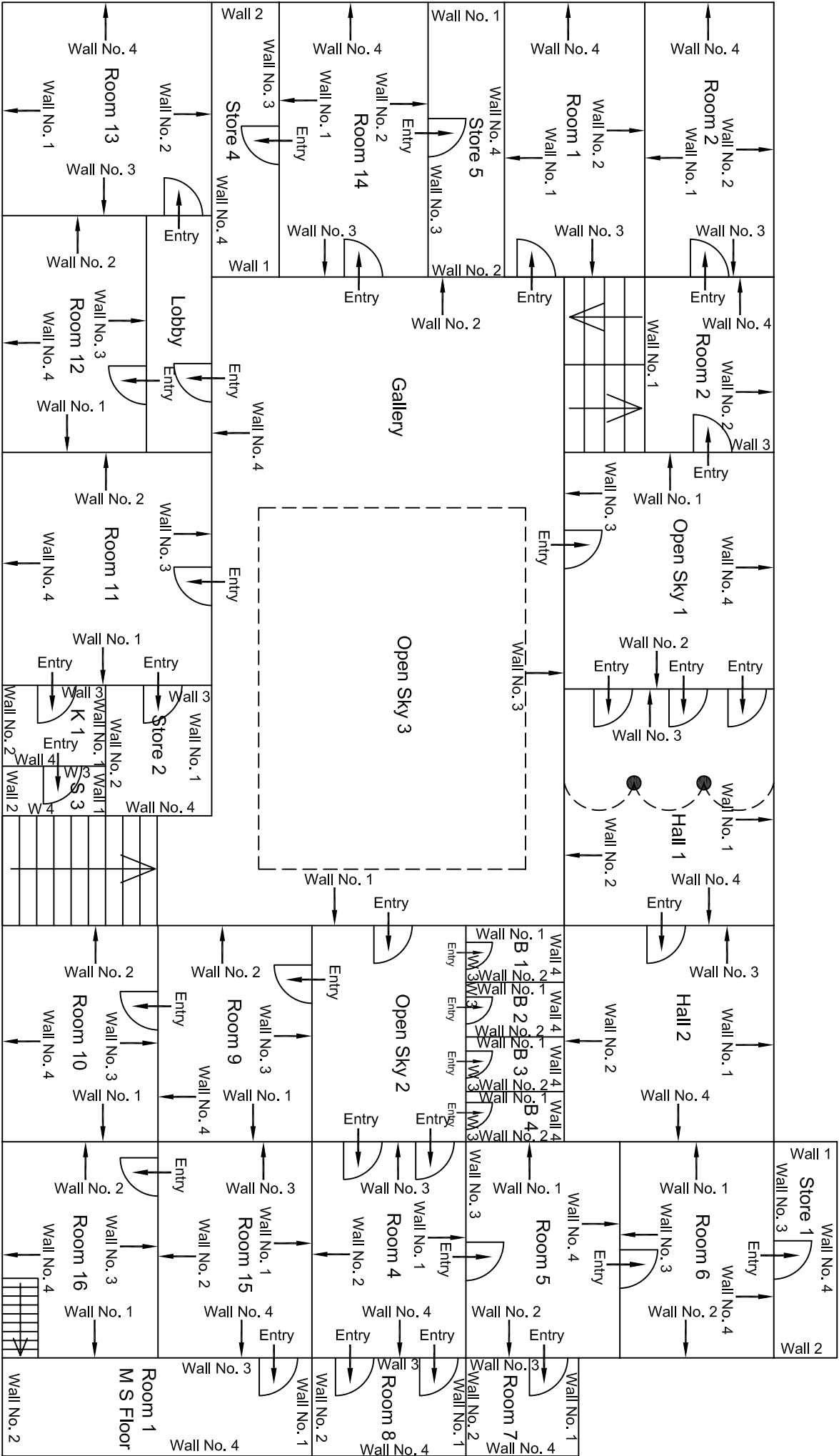
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		<b>CONSULTANT:</b>  OMIKRON KAPPA-INDUS CONSULTRANS JV		<b>MAIN CONTRACTOR:</b>  CEC		<b>SUB-CONTRACTOR:</b>  AIMIL LIMITED
		<b>CLIENT:</b>  DMRC/JMRC		<b>CONTRACT:</b>  Jaipur Metro Phase 1B		
00		NP	D. PRC	16.11.2013		
Revision	Description of Revision	Drawn By	Approved By	Date		







						CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED	PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B
						CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B		DRAWING TITLE: Ground Floor Plan of House NO. 2198, Ram Ganj Market
00		NP	Dr. PRC	16.11.2013				DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0029/GF/SF/01	
Revision	Description of Revision	Drawn By	Approved By	Date				SCALE: Not to Scale	REVISION: R0



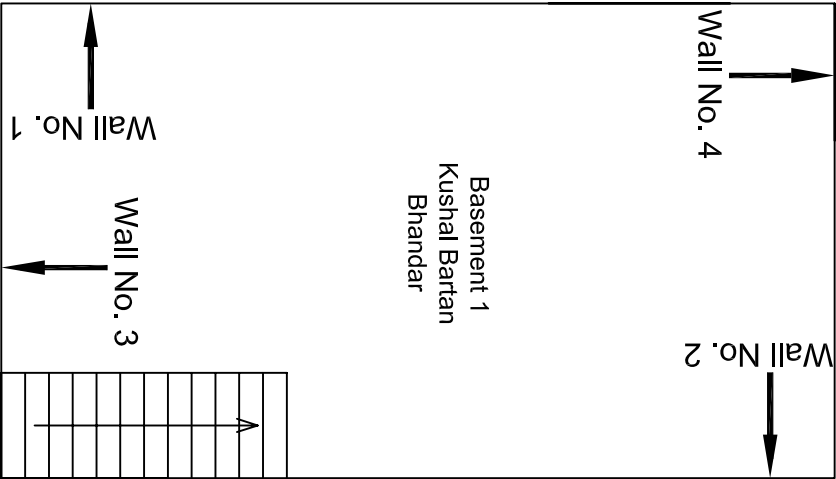
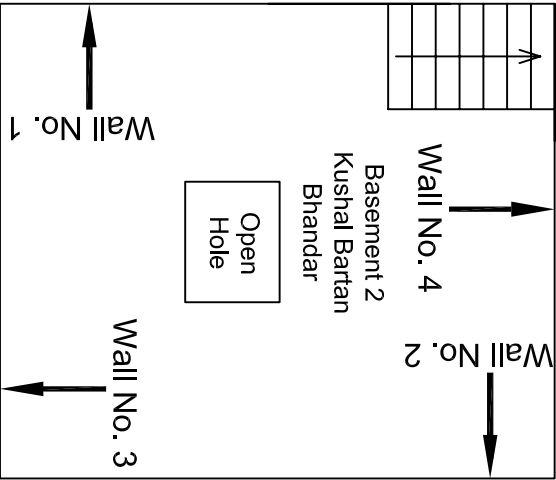
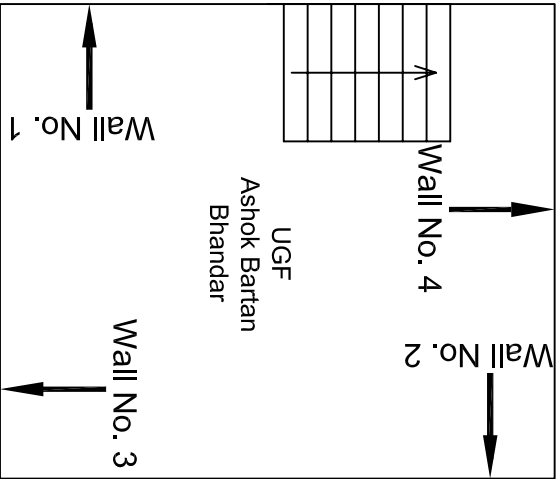
First Floor Plan

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Revision	Description of Revision	Drawn By	Approved By	Date					
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					OMIKRON KAPPANANDUS CONSULTRANS JV	CEC	AIMIL LIMITED	Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM. Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
					CLIENT:	CONTRACT:		DRAWING TITLE:	DRAWING NO.:
					DMRC/JMRC	Jaipur Metro Phase 1B		First Floor Plan of House NO. 2198, Ram Ganj Market	AIM/ESG/12315/ BC-RA-UP-0029/GF/SF/ 02
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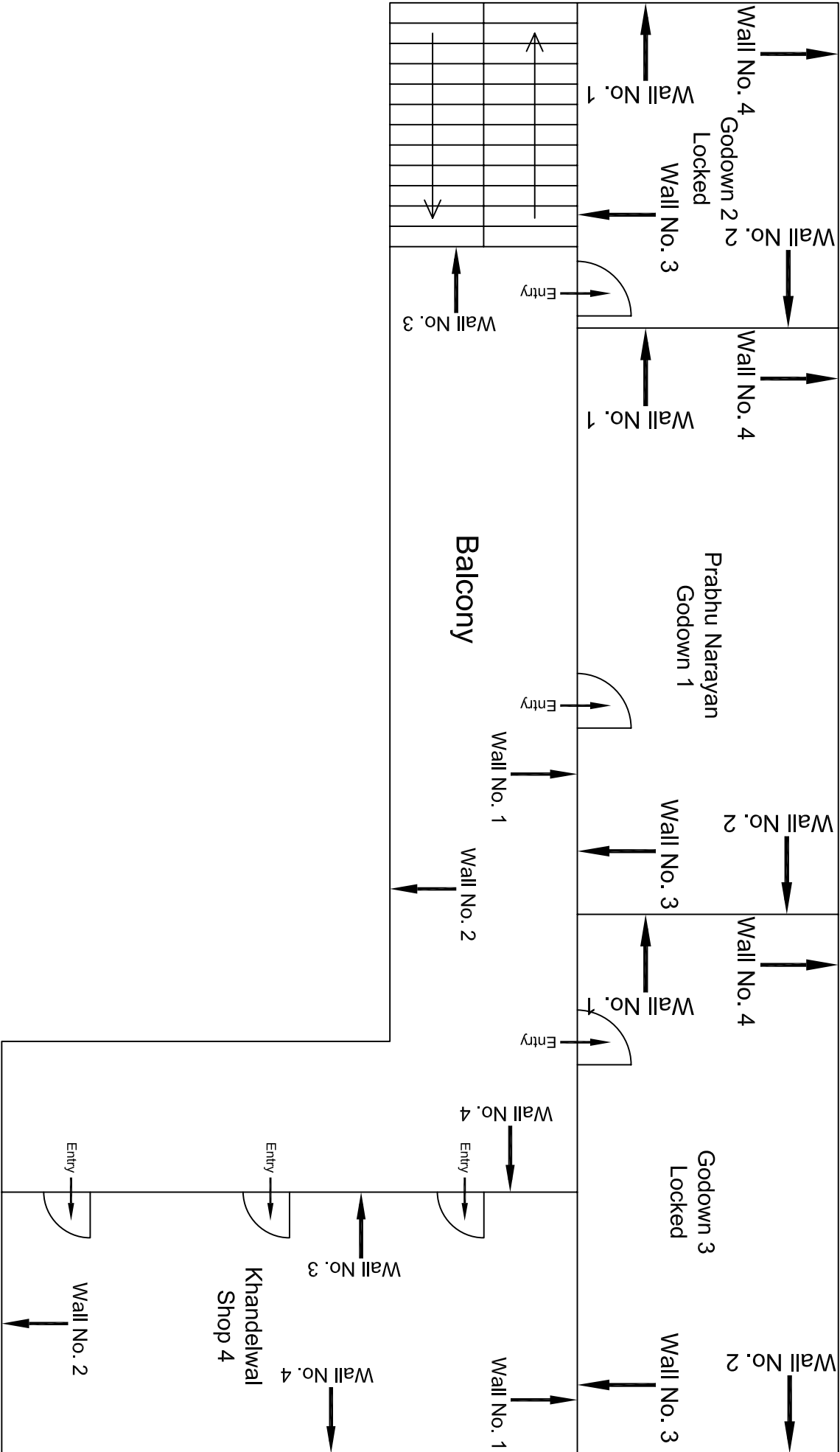




Basement & Upper Ground Floor Plan

				CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Chhoti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
				CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Basement & Upper Ground Floor Plan of Shops		DRAWING NO.: AIML/ESG/12315/ BC-RA-UP-0030 /02	
00		NP	Dr. PRC	16.11.2013					SCALE: Not to Scale		REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date							





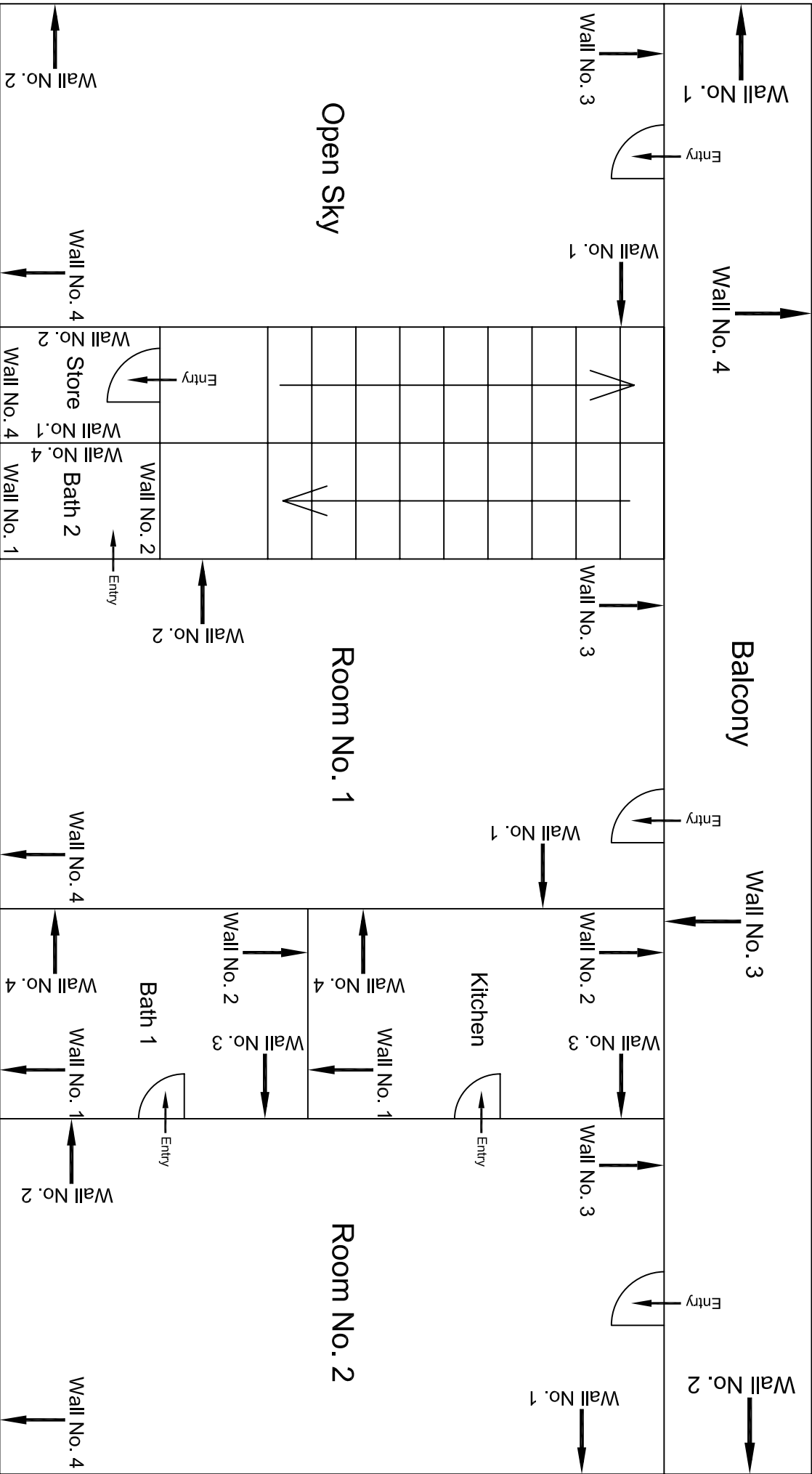
Second Floor Plan

					CONSULTANT:	MAIN CONTRACTOR:	SUB-CONTRACTOR:	PROJECT TITLE:
					OMIKRON KAPPA - INDUS	CEC	AIMIL LIMITED	Design and Construction of Tunnel between Chandpole & Badli Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badli Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B
					CONSULTTRANS JV			
					CLIENT:	CONTRACT:		
					DMRC/JMRC	Jaipur Metro Phase 1B		DRAWING TITLE:
00		NP	Dr. PRC	16.11.2013				Second Floor Plan of House No. 1908
Revision	Description of Revision	Drawn By	Approved By	Date				







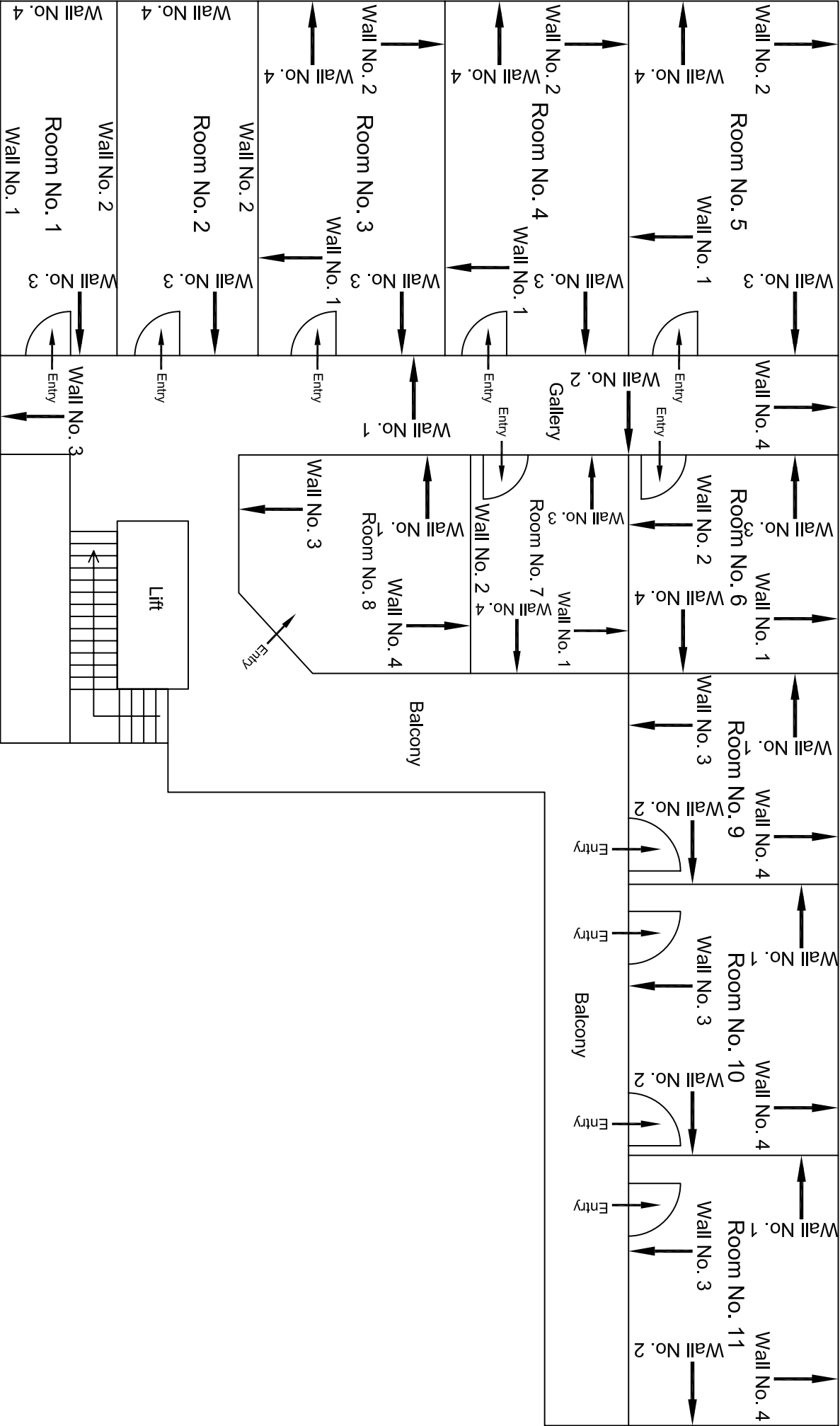


Third Floor Plan

00									
Revision	Description of Revision	Drawn By	Approved By	Date	CLIENT: DMRC/JMRC			CONTRACT: Jaipur Metro Phase 1B	
					CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	
					PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B				
					DRAWING TITLE: Third Floor Plan of House No. 1907 & 1908		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0032/FF-SF-TF /03	SCALE: Not to Scale	REVISION: R0







Second Floor Plan

					CONSULTANT: OMIKRON KAPPA - INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED	PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
					CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B		DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0033/FF-SF /02	
00		NP	Dr. PRC	16.11.2013				SCALE: Not to Scale	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date					



JAIPUR METRO Jaipur Metro Rail Corporation

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No 5RS  
Ramganj Bazaar  
Jaipur  
Unique ID:BC-RA/UP/0006

Report Number: AIMIL/ESG/JMCEC/BC-RA/UP/0006-5RS /01, Rev. 00, Dated: June 2014

Building Owner  
Contractor

Mr. Manoharlal  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Table of Contents

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7	Summary of Cracks	5
8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	


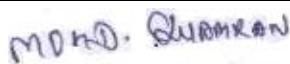
Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/06/2014	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

**About the Structure**

The structure under consideration is a Multi Story Load Bearing Structure having 1 floors. The structure was constructed in year 1914 and is 100 years old.

There are 1 defects in the structure out of which 0 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category 0 (Negligible)

Category	Number of Cracks	% of Total Cracks	Crack Meter
Negligible (< 0.1mm)	0	0%	Not Required
Very Slight (0.1 to 1mm)	0	0%	Not Required
Slight (1 to 5mm)	0	0%	Not Required
Moderate (5 to 15mm)	0	0%	Not Required
Severe (15 to 25mm)	0	0%	Not Required
Very Severe (>25mm)	0	0%	Not Required

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0006-5RS	Neelam Readymade, Shop No. 5RS	Mr. Manoharlal	





# JAIPUR METRO Jaipur Metro Rail Corporation

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Neelam Readymade, Shop No. 5RS
2	Building Address	Ram Ganj Market, Jaipur
3	Year of Construction	1914
4	Number of Floors	G
5	Number of Basements	Not known
6	Type of Building	Commercial
7	Approximate Height	3m
8	Approximate Area	Not Known
9	Age of Building	100 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A
14	Roadways	One Sides
15	Presence of Equipment/Machines	None



# JAIPUR METRO Jaipur Metro Rail Corporation

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
Summary of Defects Other Than Crack						
Defect ID	Location	Description				Photo No.
1	Outer Wall of Shop No. 5RS, Ground floor	Stone Damage				1
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.
1	All Walls of Shop No. 5RS, Ground floor	Covered with Materials				2
2	Roof of Shop No. 5RS, Ground floor	Covered with Wooden Ceiling				3



**JAIPUR METRO Jaipur Metro Rail Corporation**

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1

Stone Damage on Outer Wall of Shop No. 5RS, Ground floor



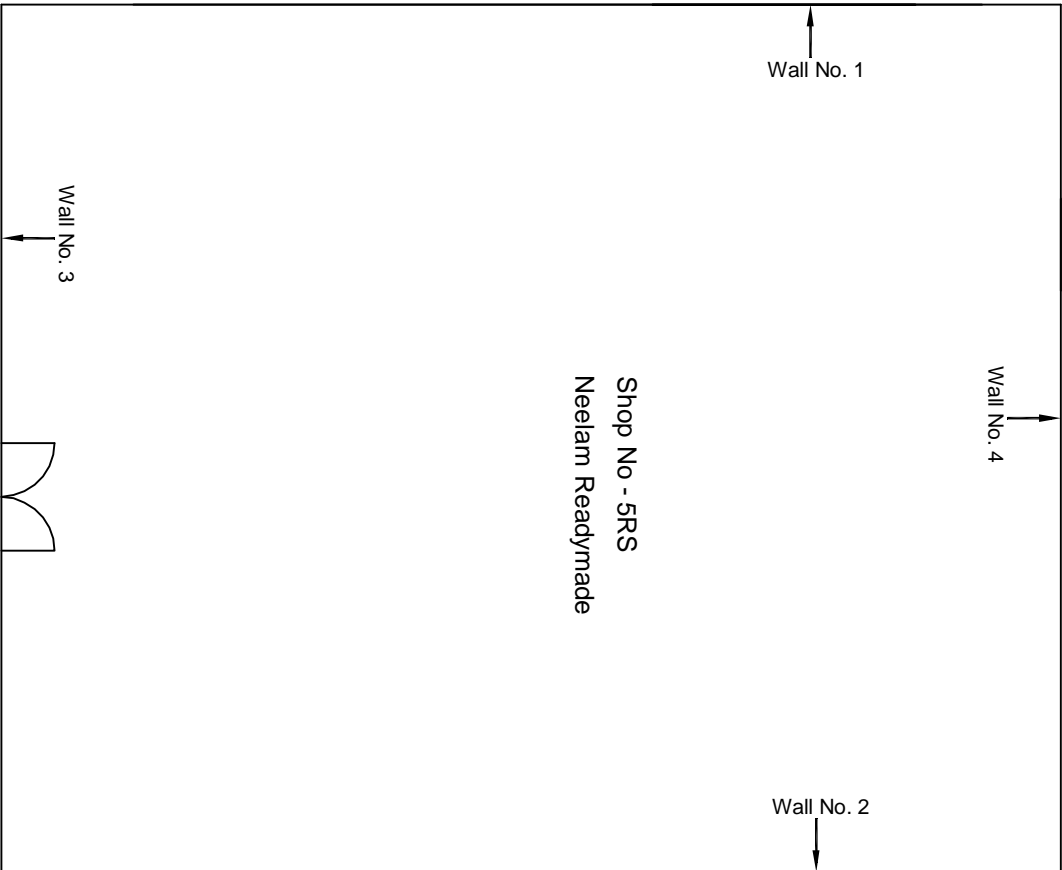
Photo 2

Covered with Materials, All Walls of Shop No. 5RS, Ground floor



Photo 3

Covered with wooden Ceiling, Roof of Shop No. 5RS, Ground floor



Ground Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV		MAIN CONTRACTOR: CEC		SUB-CONTRACTOR: AIMIL LIMITED		PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal life by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
					CLIENT: DMRC/JMRC		CONTRACT: Jaipur Metro Phase 1B				DRAWING TITLE: Ground Floor Plan of Shop No 5RS Ranganj Bazaar		
00		NP	Dr. PRC	16.11.2013							DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0006/5RS/ 01		
Revision	Description of Revision	Drawn By	Approved By	Date							SCALE: Not to Scale		
											REVISION: R0		





**JAIPUR METRO Jaipur Metro Rail Corporation**

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No 23,24,25 & 26  
335-338,Ramganj Bazaar  
Jaipur  
Unique ID:BC-RA/UP/0008

Report Number: AIMIL/ESG/JMCEC/BC-RA/UP/0008-336/B23-24 & B-25 & B-26/01, Rev. 00, Dated: June 2014

Building Owner  
Contractor

Various Owners  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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6	General Building Details	4
7	Summary of Cracks	5
8	Summary of Defects other than Cracks	5
9	Summary of Areas that Could not be surveyed	5
10	Defect Photographs	
11	Schematic Diagram of Building	


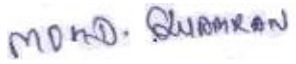
Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/06/2014	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

**About the Structure**

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1914 and is 100 years old.

There are 1 defects in the structure out of which 0 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category 0 (Negligible)

Category	Number of Cracks	% of Total Cracks	Crack Meter
Negligible (< 0.1mm)	0	0%	Not Required
Very Slight (0.1 to 1mm)	0	0%	Not Required
Slight (1 to 5mm)	0	0%	Not Required
Moderate (5 to 15mm)	0	0%	Not Required
Severe (15 to 25mm)	0	0%	Not Required
Very Severe (>25mm)	0	0%	Not Required

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA /UP/0008-336/B23-24	Viral Synthetic, Shop No. 23-24	Mr. Ramesh Kumar	
BC-RA /UP/0008-336/B25	Viral Synthetic, Shop No. 25	Mr. Ramesh Kumar	
BC-RA /UP/0008-336/B26	Radhswami Agencies, Shop No. 26	Mr. Sanny	



# JAIPUR METRO Jaipur Metro Rail Corporation

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	335-338, Ramganj Bazaar
2	Building Address	Ram Ganj Market, Jaipur
3	Year of Construction	1914
4	Number of Floors	G+2
5	Number of Basements	Not known
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	100 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A
14	Roadways	One Sides
15	Presence of Equipment/Machines	None



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
Summary of Defects Other Than Crack						
Defect ID	Location	Description				Photo No.
1	Wall No.1 of Shop No. 25, Viral Synthetic, Basement	Dampness/Seepage				3
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.
1	Wall No. 4 of Shop No. 25, Viral Synthetic,Basement	Covered with Materials				4
2	All Walls of Shop No. 23 & 24,Basement	Covered with Materials				5
3	All Walls of Shop No.26,Basement	Covered with Materials				6



JAIPUR METRO Jaipur Metro Rail Corporation

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 1

Main View of Shop No. 25, Viral Synthetic, Basement



Photo 2

Main View of Shop No. 26, Radhalaxmi Enterprises, Basement



Photo 3

Dampness/Seepage on Wall No.1 of Shop No. 25, Viral Synthetic, Basement



Photo 4

Covered with Materials, Wall No. 4 of Shop No. 25, Viral Synthetic, Basement

Viral

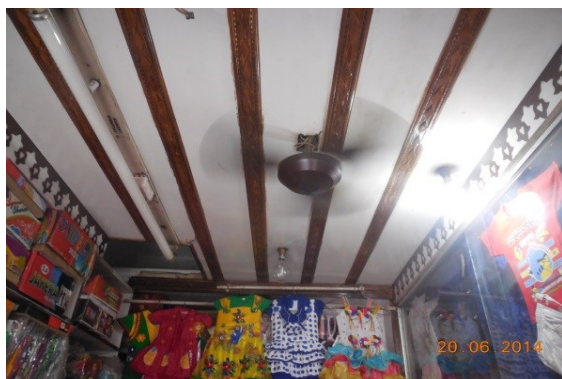


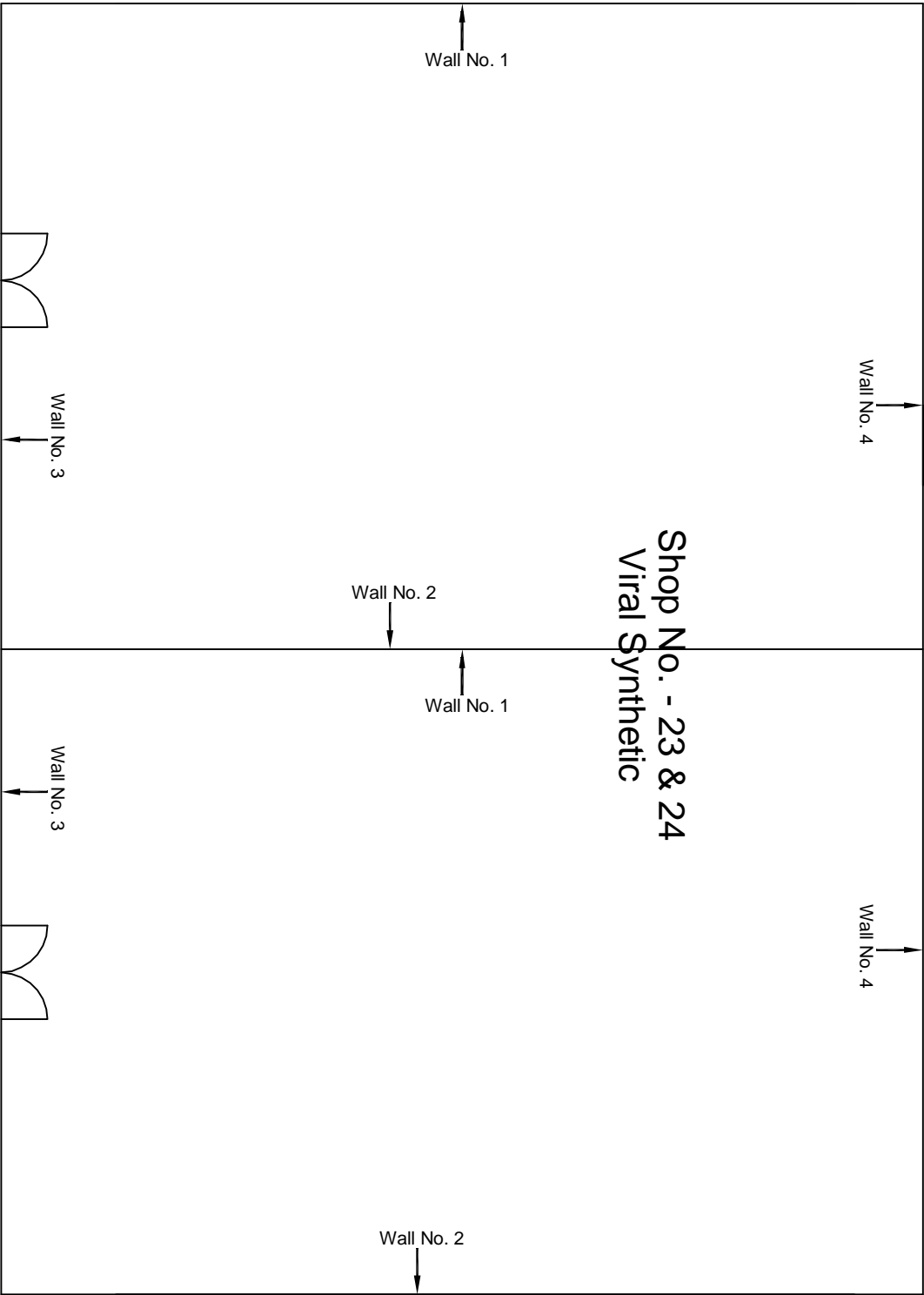
Photo 5

Covered with Materials, All Walls of Shop No. 23 & 24, Basement



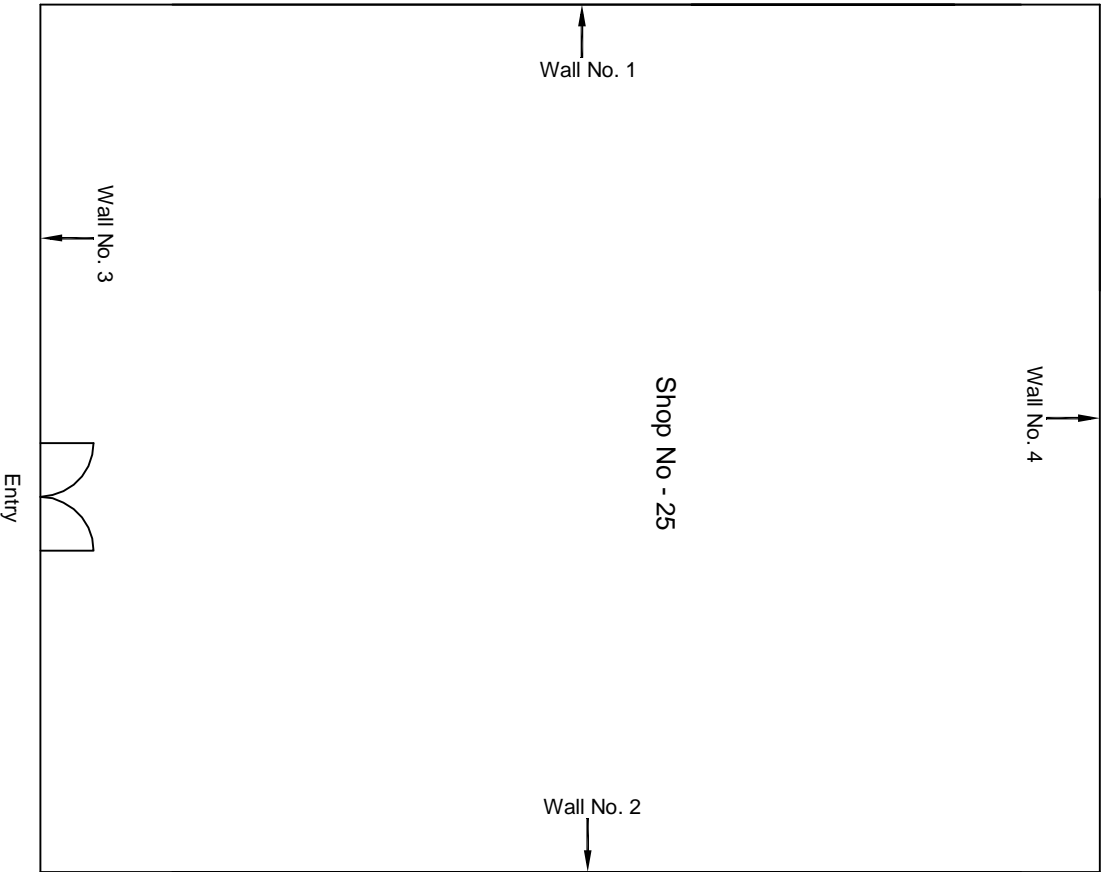
Photo 6

Covered with Materials, All Walls of Shop No. 26, Basement



Basement Floor Plan

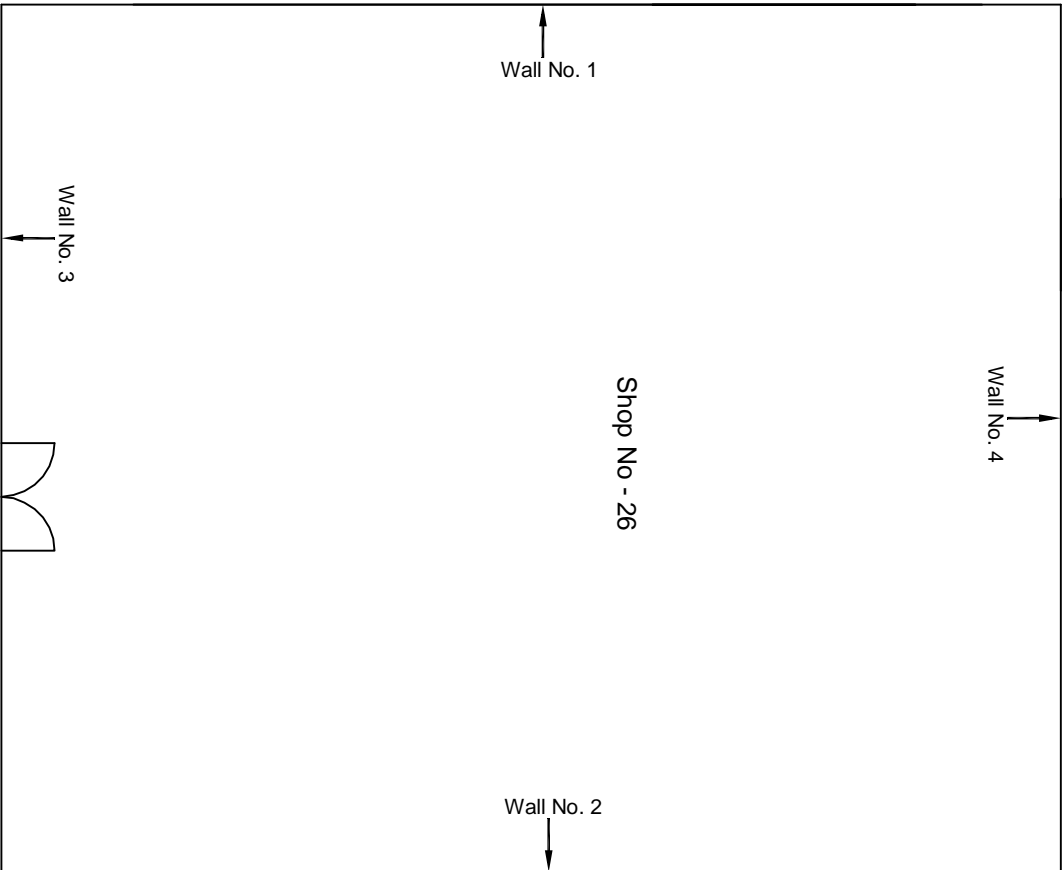
						CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR:  CEC	SUB-CONTRACTOR:  AIMIL LIMITED	PROJECT TITLE:  Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
						CLIENT: DMRC/JMRC	CONTRACT:  Jaipur Metro Phase 1B		DRAWING TITLE:  Basement Floor Plan of Shop No 23&24 Ramganj Bazaar	
									DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0008-336-B23-24/01	
00		NP	Dr. PRC	16.11.2013					SCALE: Not to Scale	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date						



Basement Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal life by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Basement Floor Plan of Shop No 25 Ram ganj Bazaar	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0008-336-B25/ 01	REVISION: R0
00		NP	Dr. PRC	16.11.2013					SCALE: Not to Scale	
Revision	Description of Revision	Drawn By	Approved By	Date						





Basement Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal life by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Basement Floor Plan of Shop No 26 Ram ganj Bazaar	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0008-336-B-26/01	REVISION: R0
00		NP	Dr. PRC	16.11.2013					SCALE: Not to Scale	
Revision	Description of Revision	Drawn By	Approved By	Date						



**JAIPUR METRO Jaipur Metro Rail Corporation**

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Shop No 330  
Ramganj Bazaar  
Jaipur  
Unique ID:BC-RA/UP/0012

Report Number: AIMIL/ESG/JMCEC/BC-RA/UP/0012-330/01, Rev. 00, Dated: June 2014

Building Owner  
Contractor

Mr. Bhawani Singh  
CEC

Client  
Sub-Contractor

JMRC Limited  
AIMIL Limited





Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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7	Summary of Cracks	5
8	Summary of Defects other than Cracks	
9	Summary of Areas that Could not be surveyed	
10	Defect Photographs	
11	Schematic Diagram of Building	


Introduction

The Jaipur Metro Rail is being constructed to provide the city of Jaipur with a modern and technologically advanced Transit System, to provide a safe and well connected means of transport that reduces traffic congestion. The project consists of two corridors with underground and elevated sections.

The construction of underground rail and road infrastructures in metropolitan and cosmopolitan cities are mostly through developed area under challenging soil conditions.

The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this survey includes carrying out pre-condition survey of those structures.

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/06/2014	
2	AIMIL Representative	MOND. SHARMA	
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



**JAIPUR METRO Jaipur Metro Rail Corporation**

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

#### About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1914 and is 100 years old.

There are 11 defects in the structure out of which 5 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category 1 (Very Slight)

Category	Number of Cracks	% of Total Cracks	Crack Meter
Negligible (< 0.1mm)	0	0%	Not Required
Very Slight (0.1 to 1mm)	5	100%	Required
Slight (1 to 5mm)	0	0%	Not Required
Moderate (5 to 15mm)	0	0%	Not Required
Severe (15 to 25mm)	0	0%	Not Required
Very Severe (>25mm)	0	0%	Not Required

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
BC-RA/UP/0012-330	New Janta Medical Hall, Shop No. 330	Mr. Bhawani Singh	





# JAIPUR METRO Jaipur Metro Rail Corporation

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Project Details		
S. No.	Head	Particulars
1	Project	Jaipur Metro Rail Project
2	Section	Chandpole to Bari Chaupar
3	Client	JMRC Limited
4	Consultant	DMRC Limited
5	Contractor	CEC
6	Design Consultant of Contractor	Omikron Kappa - Indus Consultrans JV
7	Sub-Contractor	AIMIL Limited
8	Subject	Pre-Condition Survey Report

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	New Janta Medical Hall, Shop No. 330
2	Building Address	330-331, Ram Ganj Market
3	Year of Construction	1914
4	Number of Floors	G+3
5	Number of Basements	Not known
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	100 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A
14	Roadways	One Sides
15	Presence of Equipment/Machines	None



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Wall No. 2 of Part-B of Shop No.330, Ground floor	Vertical	0.5	2	Very Slight	1A & 1B
2	Wall No. 2 of Part-B of Shop No.330, Ground floor	Inclined	0.35	2.2	Very Slight	2A & 2B
3	Wall No. 3 of Part-B of Shop No.330, Ground floor	Inclined	0.4	1.5	Very Slight	3A & 3B
4	Right Side Column of Varandah of Shop No.330	Inclined	0.8	1.2	Very Slight	4A & 4B
5	Beam of Varandah of Shop No.330,Ground Floor	Horizontal	0.15	1.5	Very Slight	5
Summary of Defects Other Than Crack						
Defect ID	Location	Description				Photo No.
1	Roof of Part-B of Shop No. 330, Ground floor	Plaster Removal				6
2	Wall No. 1 of Part-B of Shop No. 330, Ground floor	Plaster Removal				7A & 7B
3	Wall No. 4 of Part-B of Shop No. 330, Ground floor	Plaster Removal				8A & 8B
4	Wall No. 2 of Part-B of Shop No. 330, Ground floor	Plaster Removal				9
5	Wall No. 3 of Part-B of Shop No. 330, Ground floor	Plaster Removal				10
6	Beam of Varandah of Shop No.330,Ground Floor	Dampness/Seepage				11
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.
1	All Walls of Shop No. 330, Ground floor	Covered with wooden				12
2	Roof of Shop No. 330, Ground floor	Covered with wooden				13



Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

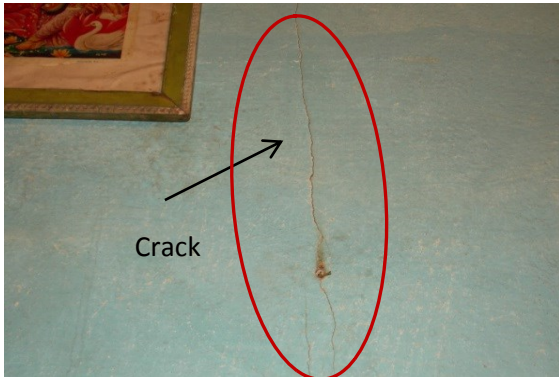


Photo 1A

Vertical Crack on Wall No. 2 of Part-B of Shop No.330, (G.F.)  
Approx. Width = 0.50mm, Approx. Length = 2.00m.  
Distance from Wall No. 3 = 0.60m, Height from Floor = 1.0m.



Photo 1B

Vertical Crack on Wall No. 2 of Part-B of Shop No.330, (G.F.)  
Approx. Width = 0.50mm, Approx. Length = 2.00m.  
Distance from Wall No. 3 = 0.60m, Height from Floor = 1.0m.

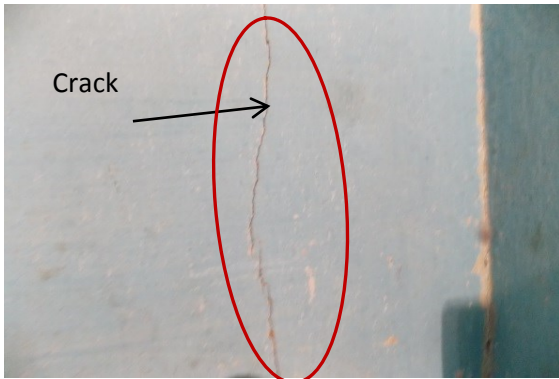


Photo 2A

Inclined Crack on Wall No. 2 of Part-B of Shop No.330, Ground floor  
Approx. Width = 0.35mm, Approx. Length = 2.20m.  
Distance from Wall No. 3 = 0.20m, Height from Floor = 1.0m.

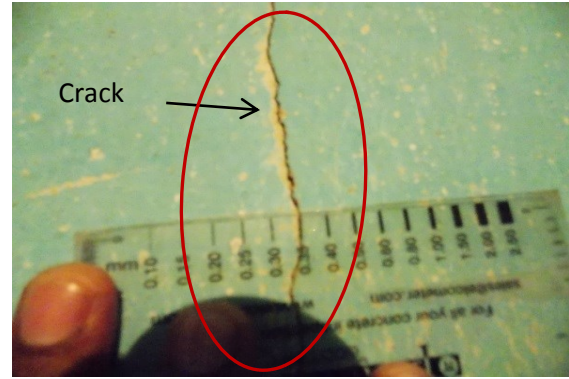


Photo 2B

Inclined Crack on Wall No. 2 of Part-B of Shop No.330, Ground floor  
Approx. Width = 0.35mm, Approx. Length = 2.20m.  
Distance from Wall No. 3 = 0.20m, Height from Floor = 1.0m.

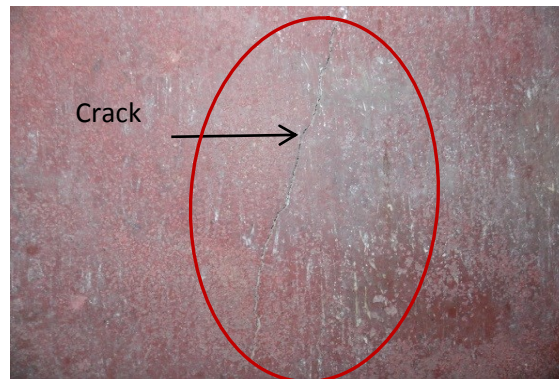


Photo 3A

Inclined Crack on Wall No. 3 of Part-B of Shop No.330, Ground floor  
Approx. Width = 0.40mm, Approx. Length = 1.50m.  
Distance from Wall No. 2 = 0.40m, Height from Floor = 0.0m.

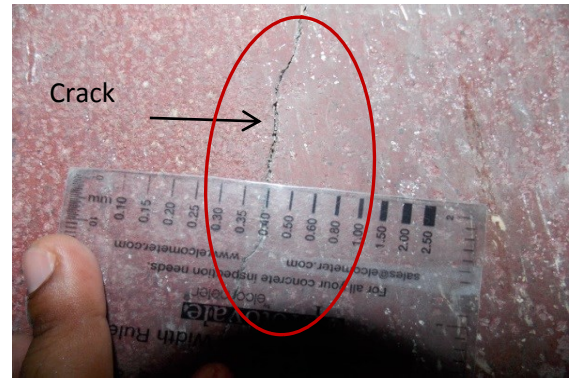


Photo 3B

Inclined Crack on Wall No. 3 of Part-B of Shop No.330, Ground floor  
Approx. Width = 0.40mm, Approx. Length = 1.50m.  
Distance from Wall No. 2 = 0.40m, Height from Floor = 0.0m.



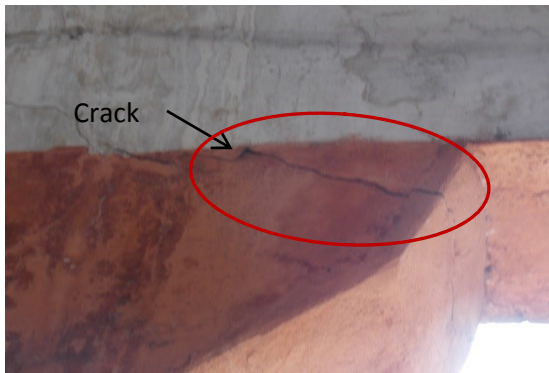


Photo 4A

Inclined Crack on Right Side Column of Varandah of Shop No.330, Ground floor Approx. Width = 0.80mm, Approx. Length = 1.20m. Distance from R.H. Column = 0.00m, Height from Floor = 2.50m.



Photo 4B

Inclined Crack on Right Side Column of Varandah of Shop No.330, Ground floor Approx. Width = 0.80mm, Approx. Length = 1.20m. Distance from R.H. Column = 0.00m, Height from Floor = 2.50m.

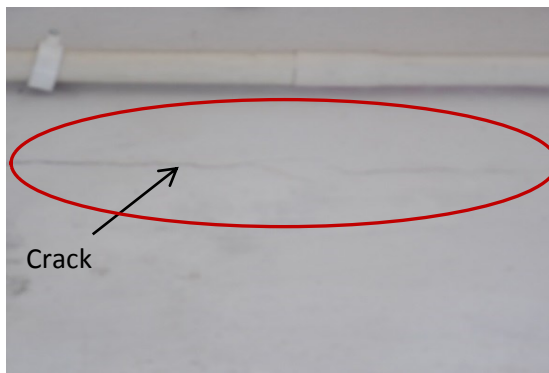


Photo 5

Horizontal Crack on Beam of Varandah of Shop No.330,Ground Floor, Approx. Width = 0.50mm, Approx. Length = 1.5m. Distance from Right side Column = 0.80m, Height from Floor = 2.9m.



Photo 6

Plaster Removal on Roof of Part-B of Shop No. 330, Ground floor



Photo 7A

Plaster Removal on Wall No. 1 of Part-B of Shop No. 330, Ground floor



Photo 7B

Plaster Removal on Wall No. 1 of Part-B of Shop No. 330, Ground floor





**JAIPUR METRO Jaipur Metro Rail Corporation**

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 8A

Plaster Removal on Wall No. 4 of Part-B of Shop No. 330, Ground floor



Photo 8B

Plaster Removal on Wall No. 4 of Part-B of Shop No. 330, Ground floor

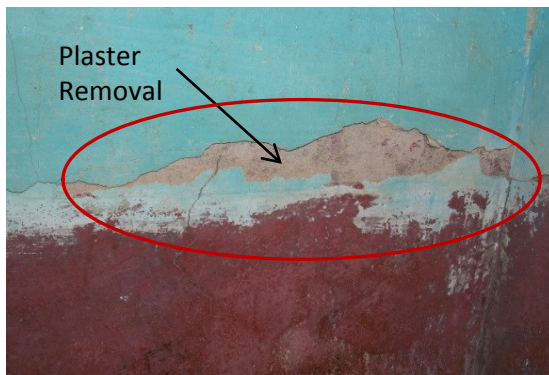


Photo 9

Plaster Removal on Wall No. 2 of Part-B of Shop No. 330, Ground floor

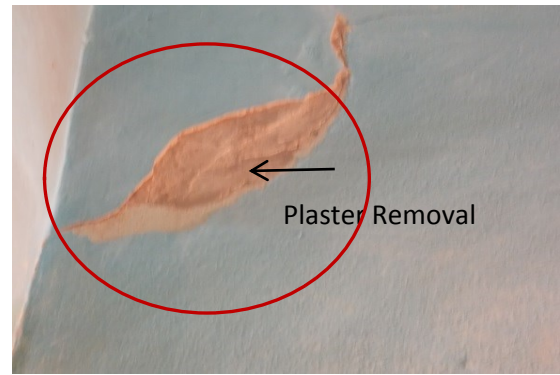


Photo 10

Plaster Removal on Wall No. 3 of Part-B of Shop No. 330, Ground floor



Photo 11

Plaster Removal on Beam of Varandah of Shop No.330,Ground Floor

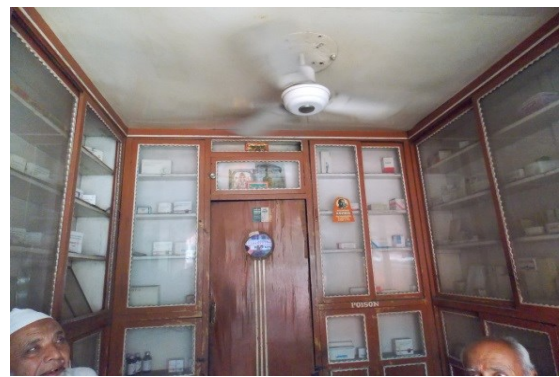


Photo 12

Covered with wooden, Roof of Shop No. 330, Ground floor



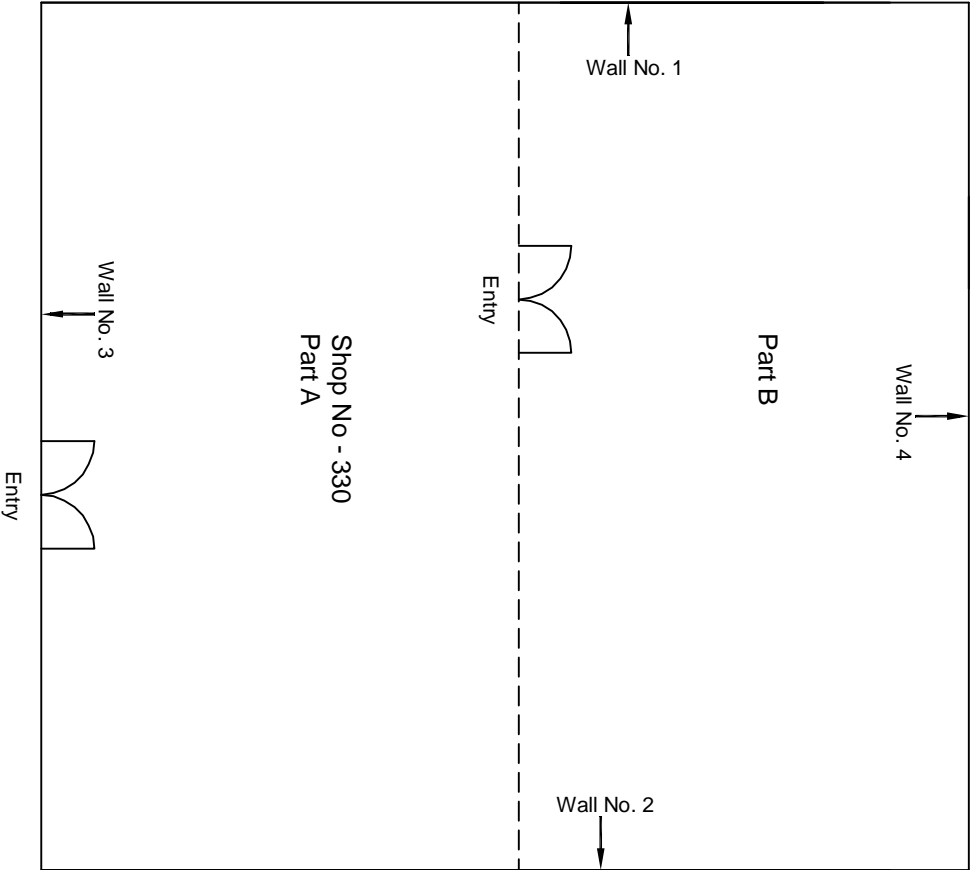
**JAIPUR METRO** Jaipur Metro Rail Corporation

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line



Photo 13

Covered with wooden, All Walls of Shop No. 330, Ground floor



Ground Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B				
00		NP	Dr. PRC	16.11.2013						
Revision	Description of Revision	Drawn By	Approved By	Date				DRAWING TITLE: Ground Floor Plan of Shop No 330 Ram Ganj Market	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-UP-0012/330/ 01	REVISION: R0
								SCALE: Not to Scale		