



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 Badi Chouper and reversal line



Shop No.18
Chandpole Bazaar
Jaipur
Unique ID:CP CC UP 0008/18

Report Number: AIMIL/ESG/JMCEC/CP CC UP 0008-18/01, Rev. 00, Dated: July 2014

Building Owner
Contractor

Mr. Jagdish Narayan Agrawal
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	24/6/2014	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



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About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1914 & 100 Years Old.

There are 7 defects in the structure out of which 3 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)	3	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
CP CC UP 0008-18	Shop No.18, Anand Kishor Devkinandan	Mr. Jagdish Narayan Agrawal	





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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.18
2	Building Address	Chandpole bazar,Jaipur
3	Year of Construction	1914
4	Number of Floors	G+2
5	Number of Basements	No
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	100 years
10	Type of Structure	Stone Brick wall
11	Type of Foundation	Not Known
12	Number of Bore Wells	Not Known
13	Depth and Diameter of Bore	Not Known
14	Roadways	one sided
15	Presence of Equipment/Machines	Not Known



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 of Shop No. 18, Ground Floor	Inclined	1	2	Very slight	1
2	Roof of Vrandah of Shop No. 18, Ground Floor	Horizontal	0.2	2	Very slight	2
3	Left Column of Vrandah of Shop No.18,Ground Floor	Inclined	0.5	1.1	Very slight	3
Summary of Defects Other Than Crack						
Defect ID	Location	Description				Photo No.
1	Roof of Shop No. 18, Ground Floor	Dampness/Seepage				4
2	Wall No.2 of Shop No. 18, Ground Floor	Repairing Work				5
3	Wall No.1 of Shop No. 18, Ground Floor	Repairing Work				6
4	Roof of Varandah of Shop No.18, Ground Floor	Dampness/Seepage				7
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.
1	All Walls of Shop No.18, Ground Floor & Upper Ground Floor	Covered with material				8





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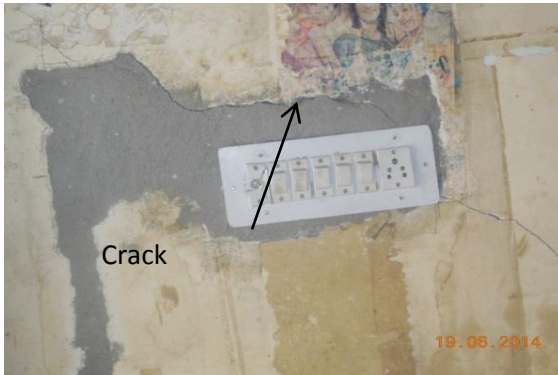


Photo 1

Inclined crack on Wall No.1 of Shop No. 18, Ground Floor, Approx. Width = 1mm, Approx. Length = 2.0m. Distance from Wall No. 3 = 1.60m, Height from Floor = 0m.

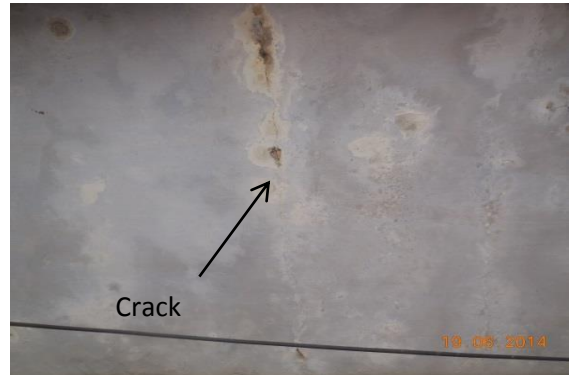


Photo 2

Horizontal Crack on Roof of Vrandah of Shop No.18, Ground Floor, Approx. Width = 0.20mm, Approx. Length = 2.0m. Distance from Left Column = 1.50m, Height from Floor = 3.0m.

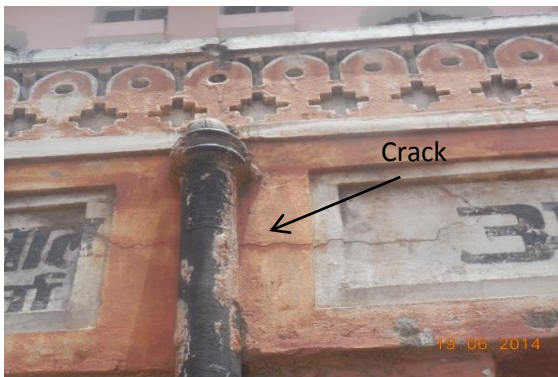


Photo 3

Inclined Crack on Left Column of Vrandah of Shop No.18, Ground Floor, Approx. Width = 0.50mm, Approx. Length = 1.10m. Distance from Left Column = 0m, Height from Floor = 2.70m.



Photo 4

Dampness/Seepage on Roof of Shop No. 18, Ground Floor



Photo 5

Repairing Work on Wall No.2 of Shop No. 18, Ground Floor

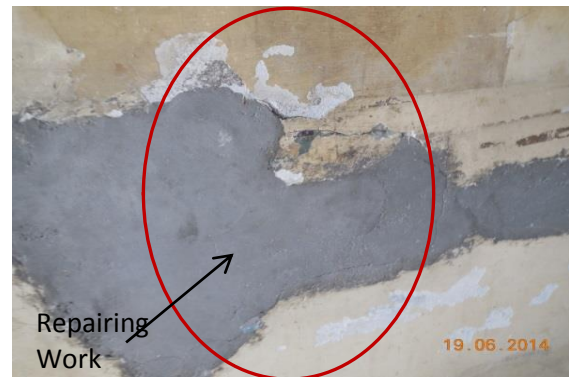


Photo 6

Repairing Work on Wall No.1 of Shop No. 18, Ground Floor



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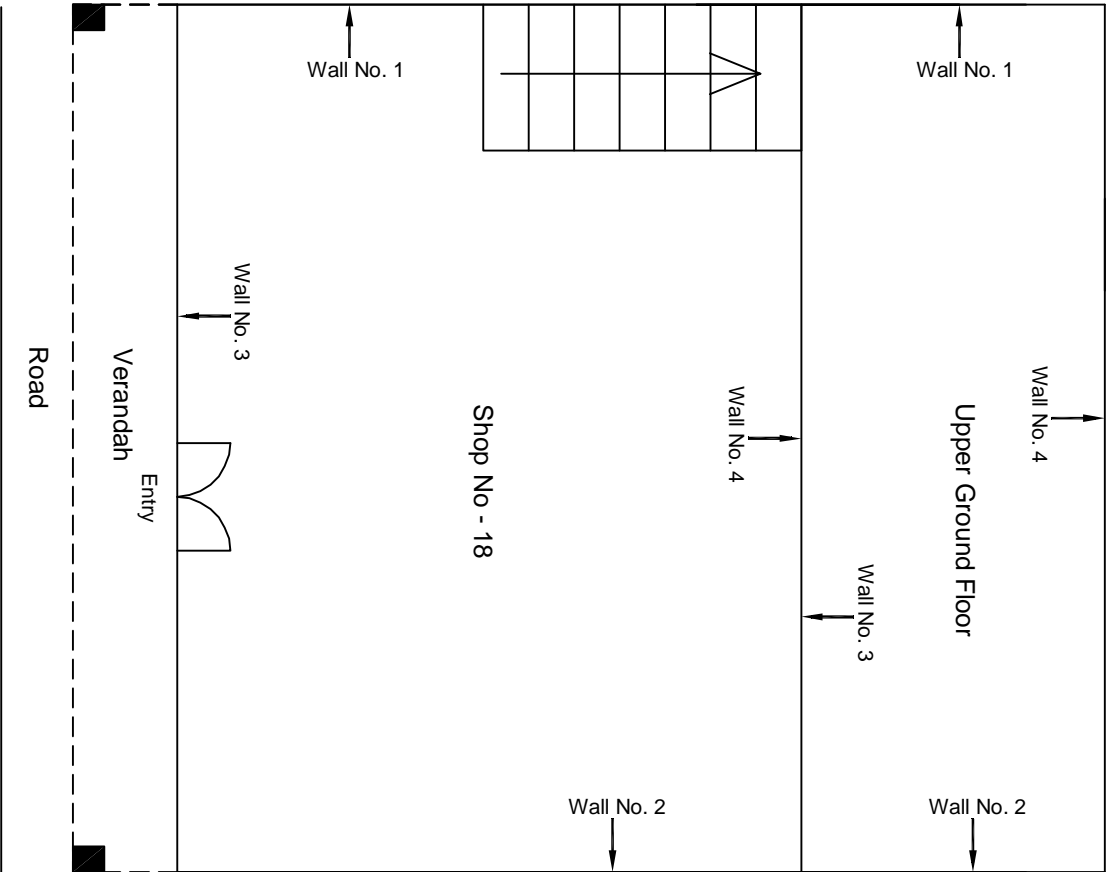
Photo 7

Dampness/Seepage on Roof of Varandah of Shop No.18, Ground Floor



Photo 8

Covered with material, All Walls of Shop No.18, Ground Floor & Upper 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 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 18 Chandpol Bazar	
								DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0008/18/ 01	
								SCALE: Not to Scale	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date					



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

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Shop No.30
Chandpole Bazaar
Jaipur
Unique ID:CP-CC/UP/0013

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0013-30/01, Rev. 00, Dated: July 2014

Building Owner
Contractor

Mr.Arun Jain
CEC

Client
Sub-Contractor

JMRC Limited
AIMIL Limited



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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	24/6/2014	
2	AIMIL Representative	<i>MOHD. SHAMRAN</i>	
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



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About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1914 & 100 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 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)	2	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
CP-CC/UP/0013-30	Shop No.30, Ramsukh Chunni Lal Jain	Mr.Arun Jain	



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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.30, Ramsukh Chunni Lal Jain
2	Building Address	Chandpole bazar, Jaipur
3	Year of Construction	1914
4	Number of Floors	G+2
5	Number of Basements	No
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	100 years
10	Type of Structure	Stone Brick wall
11	Type of Foundation	Not Known
12	Number of Bore Wells	Not Known
13	Depth and Diameter of Bore	Not Known
14	Roadways	one sided
15	Presence of Equipment/Machines	Not Known



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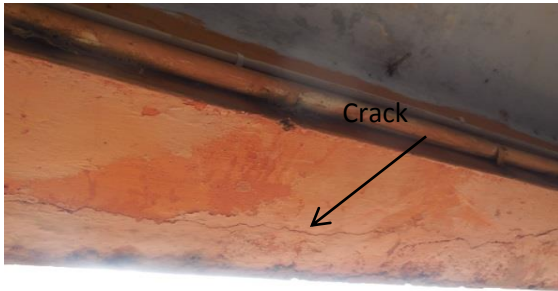
Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Beam of Vrandah of Shop No.30, Ground Floor	Inclined	0.8	3	Very slight	1
2	Roof of Vrandah of Shop No. 18, Ground Floor	Horizontal	0.5	0.5	Very slight	2
Summary of Defects Other Than Crack						
Defect ID	Location	Description				Photo No.
1	All Walls of Shop No.30, Ground Floor	Under Repairing/Renovation				3
2	Roof of Varandah of Shop No.30, Ground Floor	Dampness/Seepage				4
3	Roof of Varandah of Shop No.30, Ground Floor	Plaster Removal				5
4	Roof of Varandah of Shop No.30, Ground Floor	Repairing Work				6
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.



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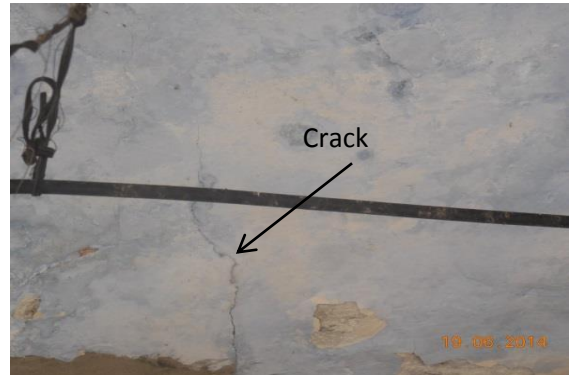
Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Badi Chouper and reversal line



19.06.2014

Photo 1

Inclined crack on Beam of Vrandah of Shop No.30, Ground Floor, Approx. Width = 0.8mm, Approx. Length = 3.0m. Distance from Right Side Col. = 0.30m, Height from Floor = 2.20m.



19.06.2014

Photo 2

Horizontal Crack on Roof of Vrandah of Shop No.30, Ground Floor, Approx. Width = 0.50mm, Approx. Length = 0.5m. Distance from Right Side Col. = 1.60m, Height from Floor = 3.0m.



19.06.2014

Photo 3

Under Repairing/ Renovation on All Walls of Shop No.30, Ground Floor



19.06.2014

Photo 4

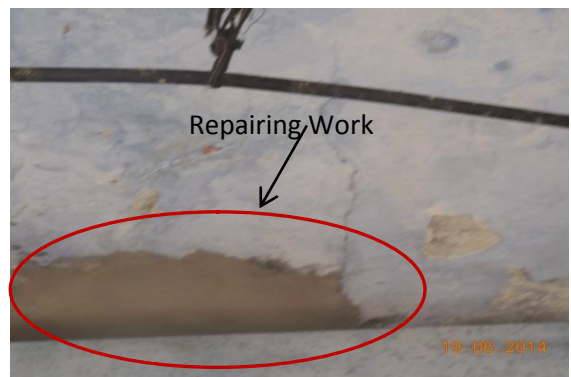
Dampness/Seepage on Roof of Varandah of Shop No.30, Ground Floor



19.06.2014

Photo 5

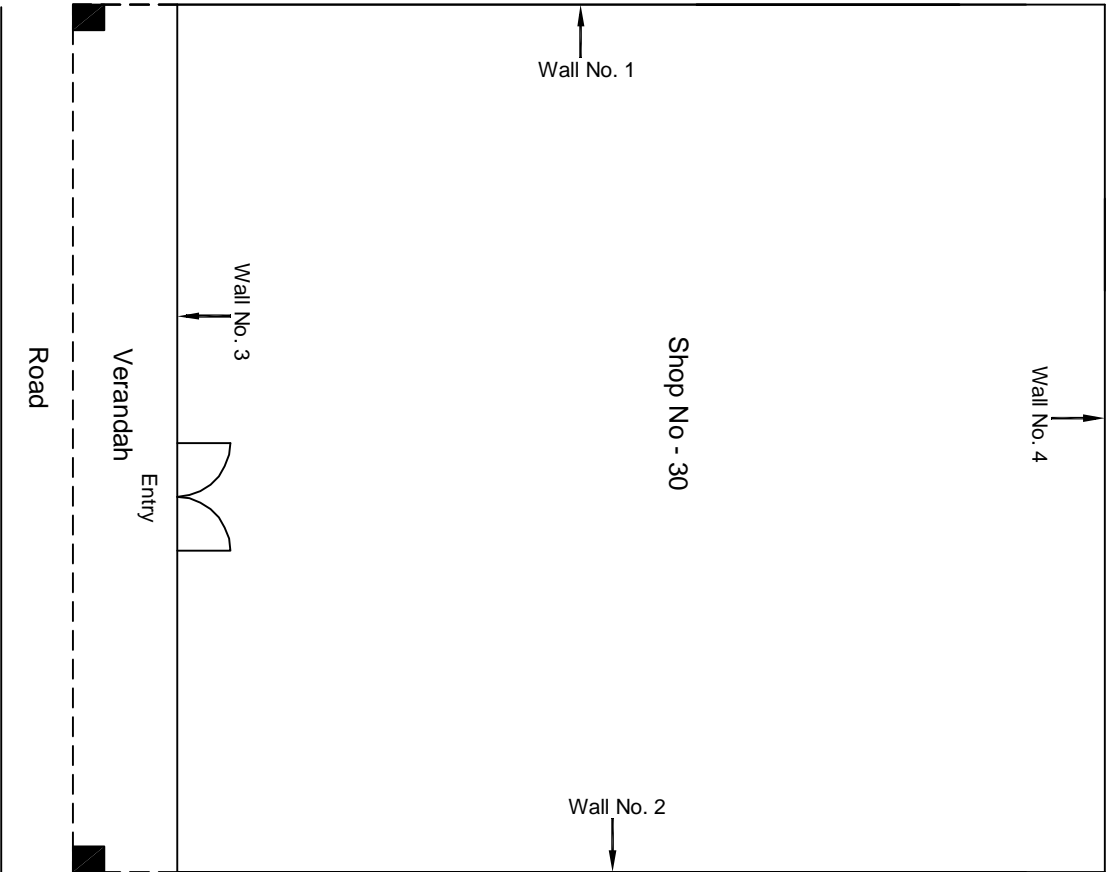
Plaster Removal on Roof of Varandah of Shop No.30, Ground Floor



19.06.2014

Photo 6

Repairing Work on Roof of Varandah of Shop No.30, 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 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				
					DRAWING TITLE: Ground Floor Plan of Shop No 30 Chandpol Bazar		DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0013/30/ 01	REVISION: R0
					SCALE: Not to Scale			



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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 Badi Chouper and reversal line



Shop No.55
Chandpole Bazaar
Jaipur
Unique ID: CP-CC/UP/0019

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0019-55/01, Rev. 00, Dated: August, 2014

Building Owner
Contractor

Yes Bank ATM
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	8/9/2014	
2	AIMIL Representative	<i>MOHD. SHAMRAN</i>	
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



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About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1914 & 100 Years Old.

There are 0 defects in the structure. 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
CP-CC/UP/0019-55	Shop No.55, YES BANK ATM	YES BANK ATM	



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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.55, YES BANK ATM
2	Building Address	Chandpole bazar, Jaipur
3	Year of Construction	1914 (Re-Construction -2014)
4	Number of Floors	G
5	Number of Basements	No
6	Type of Building	Commercial
7	Approximate Height	3m
8	Approximate Area	10 X 10 Sq. Feet
9	Age of Building	100 years
10	Type of Structure	Stone Brick wall
11	Type of Foundation	Load Bearing Structure
12	Number of Bore Wells	Not Known
13	Depth and Diameter of Bore	Not Known
14	Roadways	One Sided
15	Presence of Equipment/Machines	Not Known



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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 of Varandah of Shop No.55, Ground Floor	Dampness/Seepage				1
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.
1	Roof of Shop No.55, Ground Floor	Covered with Wooden Ceiling				2
2	All Walls of Shop No.55, Ground Floor	Covered with Wooden				3



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Photo 1

Dampness/ Seepage on Roof of Varandah of Shop No.55
Ground Floor



Photo 2

Covered with Wooden Ceiling, Roof of Shop No.55,
Ground Floor



Photo 3

Covered with Wooden, All Walls of Shop No.55,
Ground Floor



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



Shop No.72
Chandpole Bazaar
Jaipur
Unique ID: CP-CC/UP/0030

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0030-72/01, Rev. 00, Dated: August 2014

Building Owner
Contractor

Mr. Vishnu
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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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 Singlestorey Load Bearing Structure. The structure was constructed in year 1914 & 100 Years Old.

There are 8 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 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)	1	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
CP-CC/UP/0030-72	Shop No.72, Sonis E Mitr	Mr. Vishnu	



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Project Details		
S. No.	Head	Particulars
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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.72, Sonis E Mitr
2	Building Address	Chandpole bazar, Jaipur
3	Year of Construction	1914
4	Number of Floors	G
5	Number of Basements	No
6	Type of Building	Commercial
7	Approximate Height	3m
8	Approximate Area	10 X 30 Sq. Feet
9	Age of Building	100 years
10	Type of Structure	Stone Brick wall
11	Type of Foundation	Not Known
12	Number of Bore Wells	Not Known
13	Depth and Diameter of Bore	Not Known
14	Roadways	one sided
15	Presence of Equipment/Machines	Not Known



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.
2	Roof of Vrandah of Shop No. 30, Ground Floor	Horizontal	0.5	2.2	Very slight	1
Summary of Defects Other Than Crack						
Defect ID	Location	Description				Photo No.
1	Roof of Part-C of Shop No.72, Ground Floor	Seepage				2
2	Wall No.1&4 of Part-C of Shop No.72,GroundFloor	Seepage				3
3	Wall No.2&4 of Part-C of Shop No.72,GroundFloor	Seepage				4
4	Wall No.4 & Roof of Part-B, GroundFloor	Seepage				5
5	Roof of Varandah of Shop No.72, Ground Floor	Seepage				6
6	Roof of Varandah of Shop No.72, Ground Floor	Plaster Removal				7
7	Beam of Varandah of Shop No.72, Ground Floor	Seepage				8
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.
1	Floor of Part-C of Shop No.72, Ground Floor	Covered with mat				9
2	Floor of Part-B of Shop No.72, Ground Floor	Covered with mat				10
3	Floor of Part-A of Shop No.72, Ground Floor	Covered with mat				11
4	Roof of Part-A of Shop No.72, Ground Floor	Covered with wooden Ceiling				12
5	All Walls of Part-A of Shop No.72, Ground Floor	Covered with Wooden Almirah				13



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 Badi Chouper and reversal line

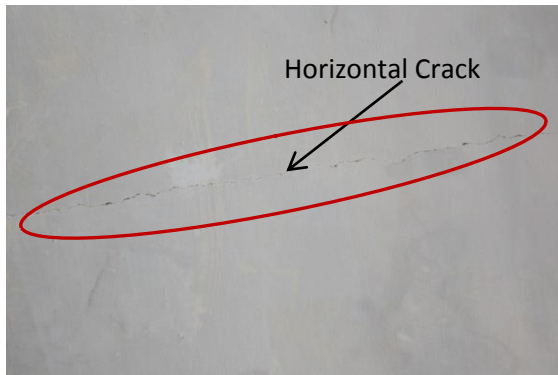


Photo 1
Horizontal crack on Roof of Vrandah of Shop No.72 (G.F.)
Approx. Width = 0.5mm, Approx. Length = 2.2m.
Distance from Right Side Col. = 1.5m, Height from Floor = 3.0m.



Photo 2
Seepage on Roof of Part-C of Shop No.72
Ground Floor



Photo 3
Seepage on Wall No.1 & 4 of Part-C of Shop No.72
Ground Floor

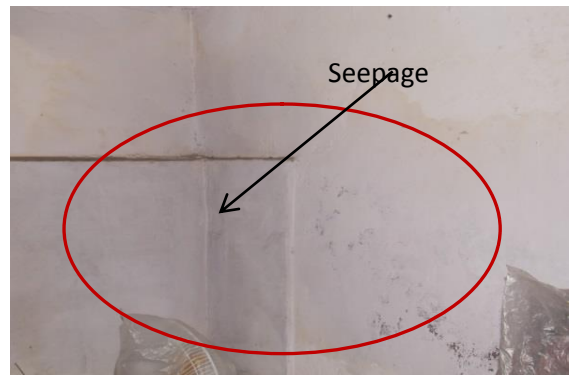


Photo 4
Seepage on Wall No.2 & 4 of Part-C of Shop No.72
Ground Floor

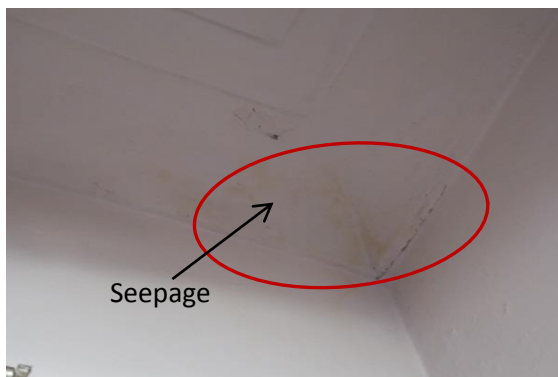


Photo 5
Seepage on Wall No. 4 & Roof of Part-B of Shop No.72
Ground Floor

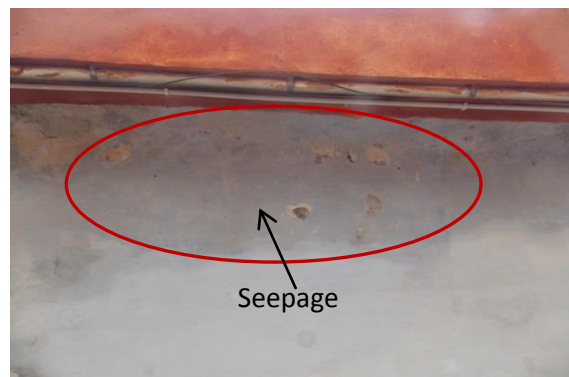


Photo 6
Seepage on Roof of Vrandah of Shop No.72
Ground Floor



JAIPUR METRO Jaipur Metro Rail Corporation

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

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

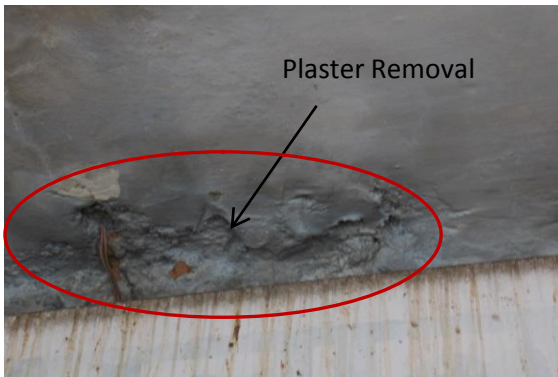


Photo 7
Plaster Removal on Roof of Varandah of Shop No.72
Ground Floor

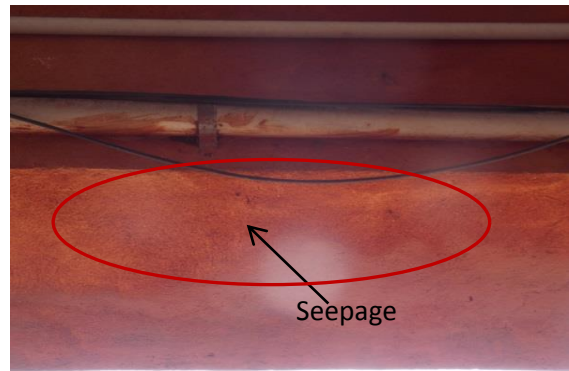


Photo 8
Seepage on Beam of Varandah of Shop No.72
Ground Floor



Photo 9
Covered with mat, Floor of Part-B of Shop No.72
Ground Floor



Photo 10
Covered with mat, Floor of Part-C of Shop No.72
Ground Floor

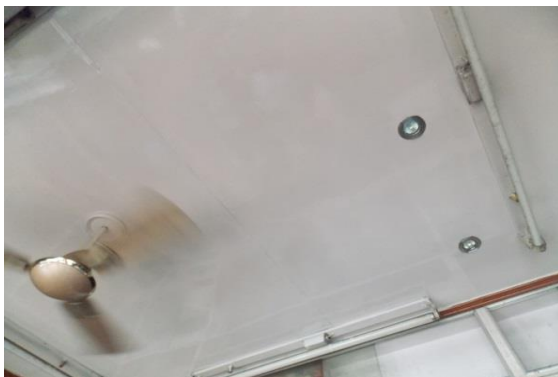
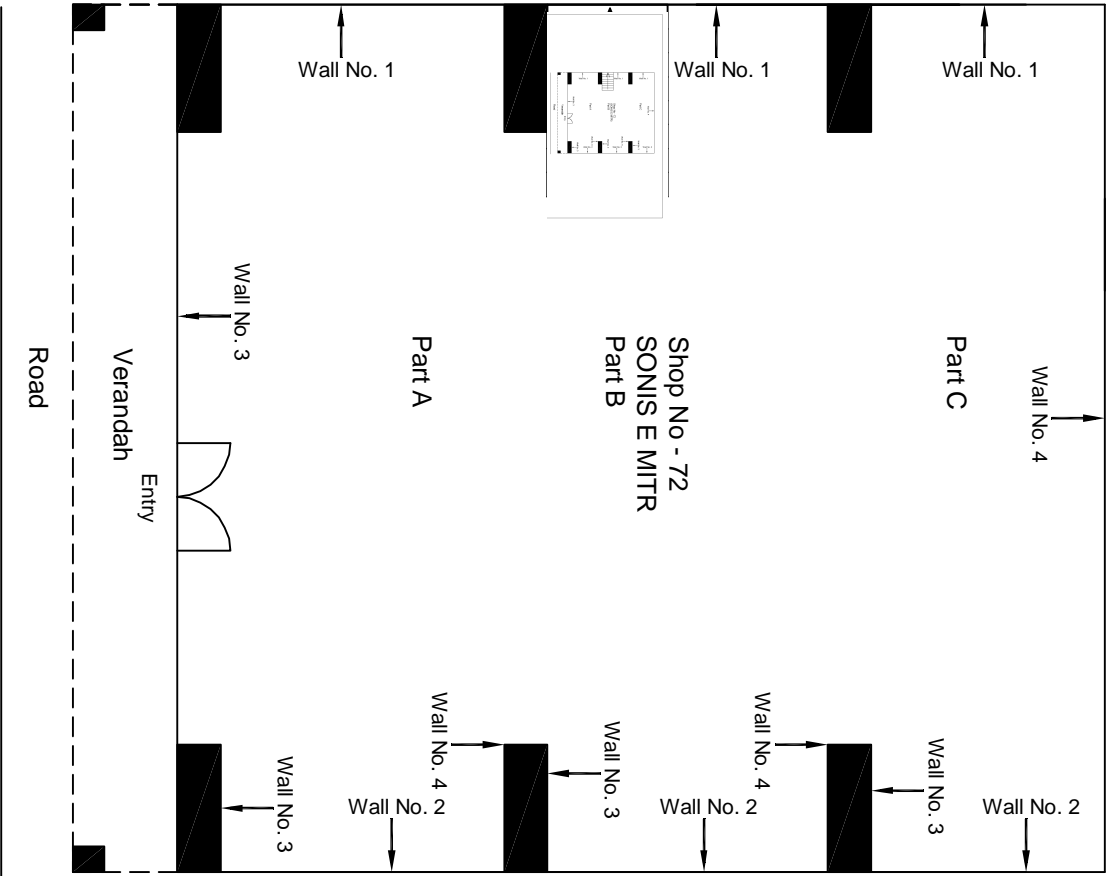


Photo 11
Covered with Wooden Ceiling, Roof of Part-A of Shop No.72
Ground Floor



Photo 12
Covered with Wooden Almira, All Walls of Part-A of Shop No.72
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 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 72 CHANDPOLE BAZAR		DRAWING NO.: AIMIL/ESG/12315/ CCP-CC/UP/0030-72/ 01	
					SCALE: Not to Scale							REVISION: R0			
00		NP	Dr. PRC	16.11.2013											
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 Badi Chouper and reversal line



Shop No.76
Chandpole Bazaar
Jaipur
Unique ID:CP-CC/UP/0030

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0030-76/01, Rev. 00, Dated: July 2014

Building Owner
Contractor

Mr. Ram Prakash Ved
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	5
9	Summary of Areas that Could not be surveyed	5
10	Defect Photographs	
11	Schematic Diagram of Building	


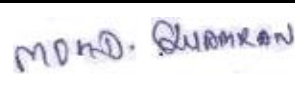
Introduction

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	24/6/2014	
2	AIMIL Representative		
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 2 floors. The structure was constructed in year 1914 & 100 Years Old.

There are 9 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 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)	2	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
CP-CC/UP/0030-76	Shop no.76, Fateh Lal Amarchand Jain	Mr. Ram Prakash Ved	



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	Shop No.76
2	Building Address	Chandpole bazar, Jaipur
3	Year of Construction	1914
4	Number of Floors	G+1
5	Number of Basements	No
6	Type of Building	Commercial
7	Approximate Height	3m
8	Approximate Area	Not Known
9	Age of Building	100 years
10	Type of Structure	Stone Brick wall
11	Type of Foundation	Not Known
12	Number of Bore Wells	Not Known
13	Depth and Diameter of Bore	Not Known
14	Roadways	one sided
15	Presence of Equipment/Machines	Not Known



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 of Part-B of Shop No. 76, Ground Floor	Inclined	0.6	2	Very slight	1
2	Roof of Vrandah of Shop No. 76, Ground Floor	Horizontal	1	1.5	Very slight	2
Summary of Defects Other Than Crack						
Defect ID	Location	Description				Photo No.
1	Wall No.4 of Part-B of Shop No. 76, Ground Floor	Dampness/Seepage				3
2	Wall No.3 of Part-B of Shop No. 76, Ground Floor	Peeling of Plaster				4
3	Roof of Part-B of Shop No. 76, Ground Floor	Dampness/Seepage				5
4	Wall No.4 of Part-C of Shop No. 76, Ground Floor	Plaster Removal				6
5	Roof of Varandah of Shop No. 76, Ground Floor	Plaster Removal				7
6	Roof of Varandah of Shop No. 76, Ground Floor	Dampness/Seepage				8
7	Beam of Varandah of Shop No. 76, Ground Floor	Plaster Removal				9
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.
1	Roof of Part-A of Shop No. 76, Ground Floor	Covered with wooden Ceiling				10
2	Wall No.1 of Part-A of Shop No. 76, Ground Floor	Covered with Wooden work				11
3	Wall No.2 of Part-A of Shop No. 76, Ground Floor	Covered with Wooden work				12
4	Corridor of Part-C of Shop No. 76, Ground Floor	Covered with material				13



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 Badi Chouper and reversal line

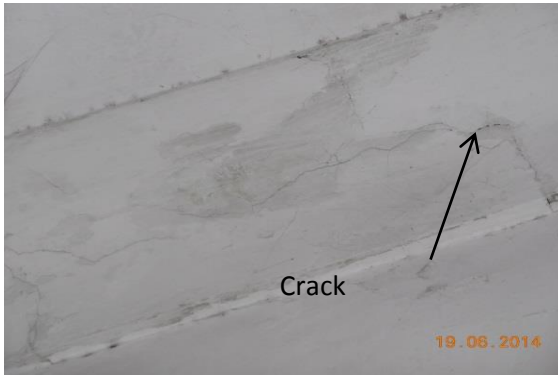


Photo 1

Inclined crack on Wall No.3 of Part-B of Shop No.76, Ground Floor, Approx. Width = 0.60mm, Approx. Length = 2.0m. Distance from Wall No. 3 = 0m, Height from Floor = 3.50m.



Photo 2

Horizontal Crack on Roof of Vrandah of Shop No. 76, Ground Floor, Approx. Width = 1.0mm, Approx. Length = 1.50m. Distance from Left Column = 1.0m, Height from Floor = 3.0m.



Photo 3

Dampness/Seepage on Wall No.4 of Part-B of Shop No.76, Ground Floor

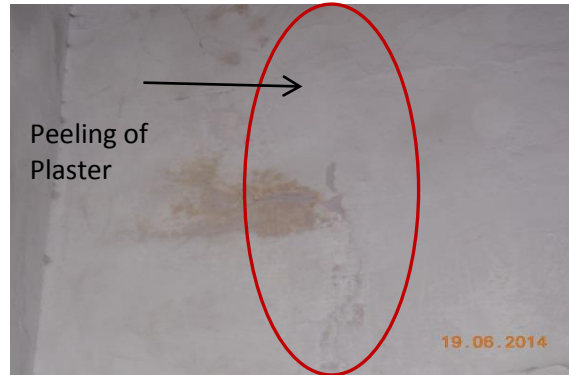


Photo 4

Peeling of Plaster on Wall No.3 of Part-B of Shop No.76, Ground Floor



Photo 5

Dampness/Seepage on Roof of Part-B of Shop No.76, Ground Floor

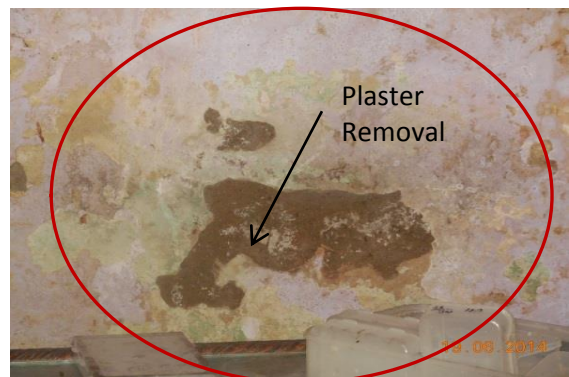


Photo 6

Plaster Removal on Wall No.4 of Part-C of Shop No.76, Ground Floor



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



Photo 7

Dampness/Seepage on Roof of Varandah of Shop No.76, Ground Floor

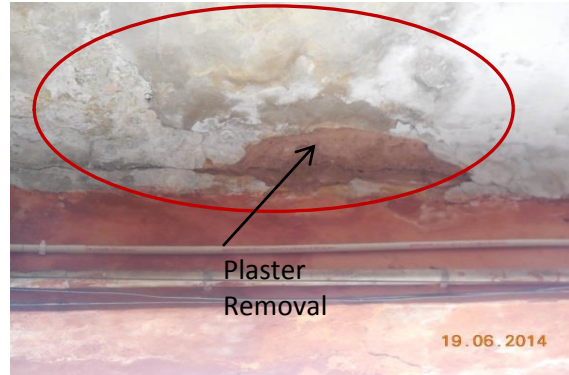


Photo 8

Plaster Removal on Roof of Varandah of Shop No.76, Ground Floor

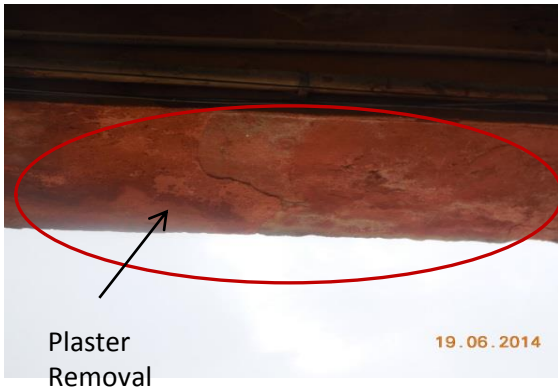


Photo 9

Plaster Removal on Beam of Varandah of Shop No.76, Ground Floor



Photo 10

Covered with wooden Ceiling, Roof of Part-A of Shop No.76, Ground Floor



Photo 11

Covered with Wooden Work, Wall No.1 of Part-A of Shop No.76, Ground Floor



Photo 12

Covered with Wooden Work, Wall No.2 of Part-A of Shop No.76, 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

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



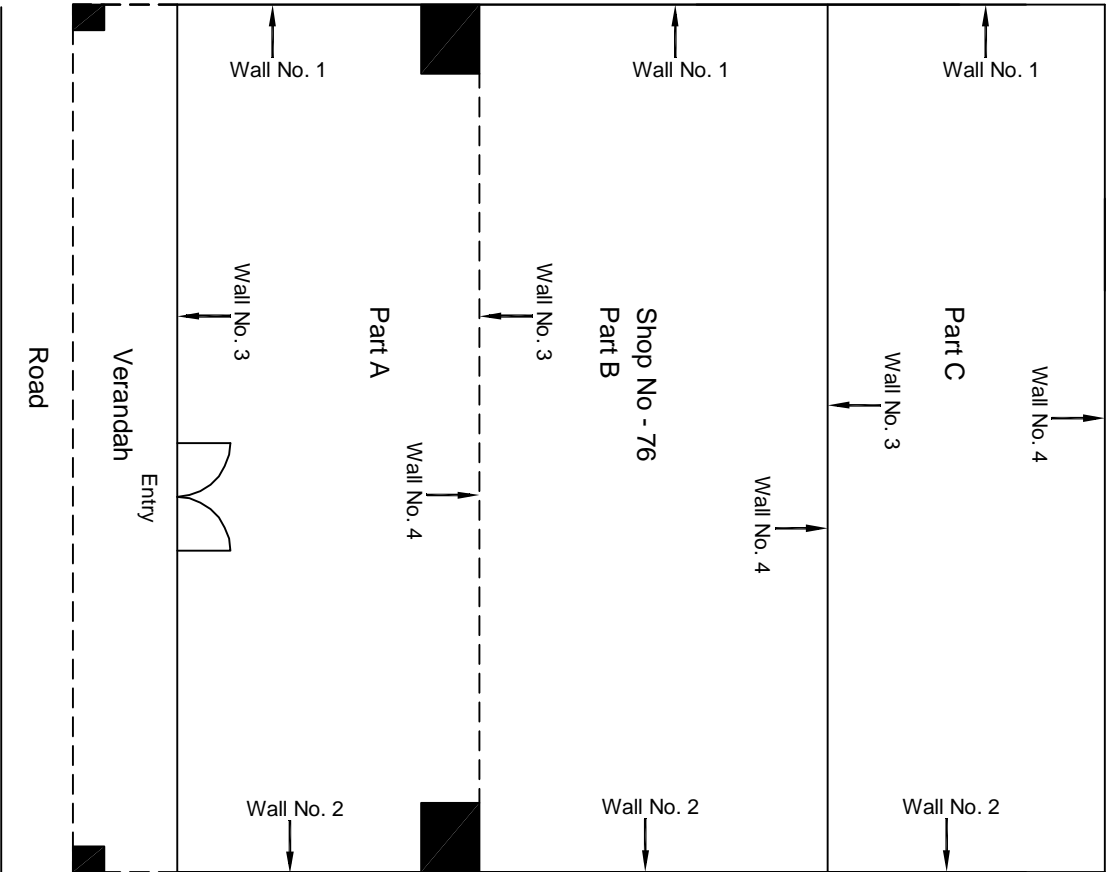
Photo 13

Covered with Material, Corridor of Part-C of Shop No.76, Ground Floor



Aimil Ltd.

Instrumentation & Technologies



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		DRAWING TITLE: Ground Floor Plan of Shop No 76 Chandpol Bazar	
00		NP	Dr. PRC	16.11.2013					
Revision	Description of Revision	Drawn By	Approved By	Date				DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0030/76/ 01	
								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 1 Lalit Crafts Palace
Chandpole Bazaar
Jaipur
Unique ID:CP CC UP 0049/01

Report Number: AIMIL/ESG/JMCEC/CP CC UP 0049-01/01, Rev. 00, Dated: June 2014

Building Owner
Contractor

Mr. Kailash 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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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	<i>MOHD. SHAMRAN</i>	
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 4 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
CP CC UP 0049-01	Lalit Crafts Palace, Shop No. 1	Mr. Kailash Sharma	



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	Lalit Craft Palace, Shop No. 1
2	Building Address	Chandpol Bazar
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	12m
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	Wall No. 4 of Lalit Crafts Palace, Ground Floor	Dampness				1
2	Roof of Lalit Crafts Palace, Ground Floor	Dampness				2
3	Wall No. 2 of Lalit Crafts Palace, Ground Floor	Dampness				3
4	Floor of Lalit Crafts Palace, Ground Floor	Plaster removal				4
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.





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

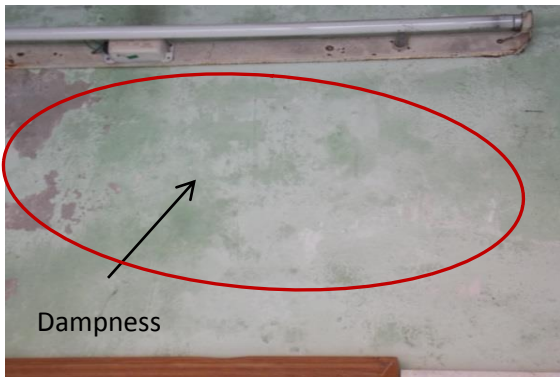


Photo 1

Dampness on Wall No. 4 of Lalit Crafts Palace, Ground Floor

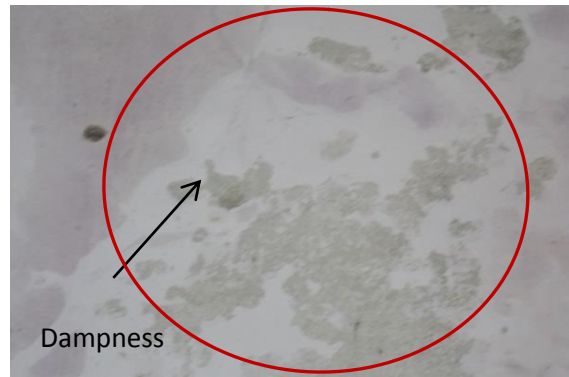


Photo 2

Dampness on Roof of Lalit Crafts Palace, Ground Floor



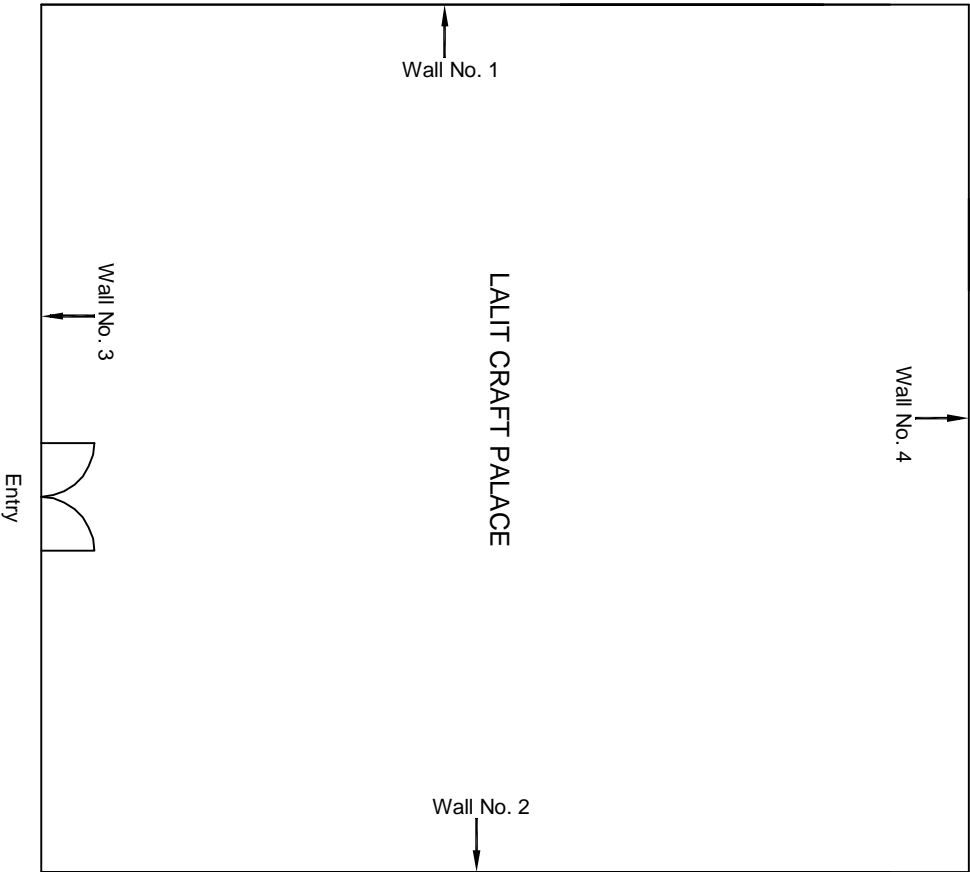
Photo 3

Dampness on Wall No. 2 of Lalit Crafts Palace, Ground Floor



Photo 4

Plaster Removal on Floor of Lalit Crafts Palace, 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 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 LALIT CRAFT PALACE Chandpol Bazar	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0049/1/ 01	REVISION: R0
								SCALE: Not to Scale		
00		NP	Dr. PRC	16.11.2013						
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. 153
Chandpole Bazaar
Jaipur
Unique ID:CP CP-CC/UP/0058

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0058-153/02, Rev. 00, Dated: June 2014

Building Owner
Contractor

Mr. Om Prakash
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	


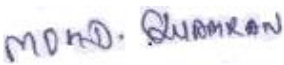
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The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this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



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 2 floors. The structure was constructed in year 1914 and is 100 years old.

There are 6 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
CP-CC/UP/0058-153	Aeron Trading Finance (P) Ltd., Shop No. 153	Mr. Om Prakash	



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	Aeron Trading Finance (P) Ltd., Shop No. 153
2	Building Address	Chandpole Bazaar, Jaipur
3	Year of Construction	1914
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	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.
1	Varandah Right Side Column of Shop No.153, Ground Floor	Inclined	0.3	0.8	Very Slight	2
2	Beam of Varandah of Shop No. 153, Ground Floor	Horizontal	0.5	2.5	Very Slight	3
3	Roof of Varandah of Shop No. 153, Ground Floor	Horizontal	1	2.5	Very Slight	4
4	Wall No. 4 of Shop No. 153, Upper Ground Floor	Inclined	0.35	1.8	Very Slight	5
5	Roof of Shop No. 153, Upper Ground Floor	Inclined	0.4	1.3	Very Slight	6
Summary of Defects Other Than Crack						
Defect ID	Location	Description				Photo No.
1	Beam of Varandah of Shop No. 153, Ground Floor	Dampness/Seepage				7
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.





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

View of Acrom Trading Finance (PVT.) Ltd., Shop No. 153, Ground Floor



Photo 2

Inclined Crack on Varandah Right Side Column of Shop No. 153, Ground Floor, Approx. Width = 0.30mm, Approx. Length = 0.8m. Distance from Right Column = 0m, Height from Floor = 2.50m.

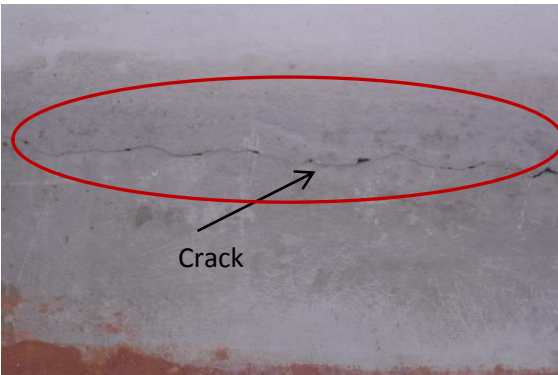


Photo 3

Horizontal Crack on Varandah Beam of Shop No. 153, Ground Floor, Approx. Width = 0.50mm, Approx. Length = 2.50m. Distance from Right Column = 0m, Height from Floor = 2.80m.

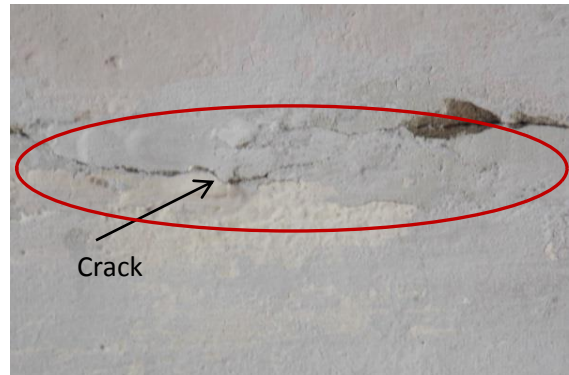


Photo 4

Horizontal Crack on Varandah Roof of Shop No. 153, Ground Floor, Approx. Width = 1.0mm, Approx. Length = 2.50m. Distance from Right Column = 0m, Height from Floor = 3.0m.

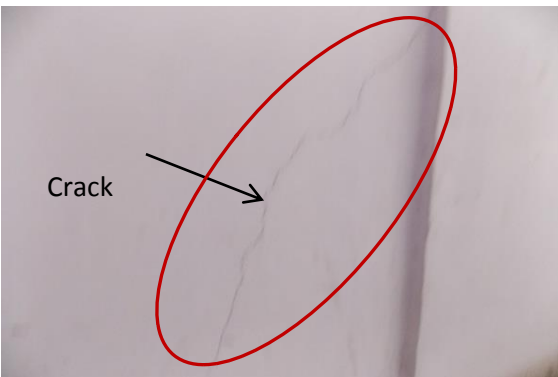


Photo 5

Inclined Crack on Wall No. 4 of Shop No. 153, Upper Ground Floor, Approx. Width = 0.35mm, Approx. Length = 1.8m. Distance from Wall No. 1 = 1.50m, Height from Floor = 0m.

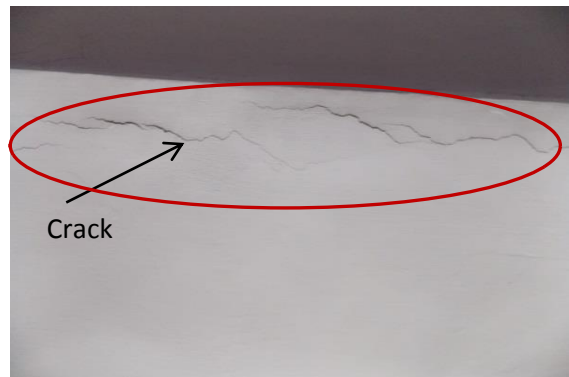


Photo 6

Inclined Crack on Roof of Shop No. 153, Upper Ground Floor, Approx. Width = 0.40mm, Approx. Length = 1.3m. Distance from Wall No. 4 = 0m, Height from Floor = 1.50m.



JAIPUR METRO Jaipur Metro Rail Corporation

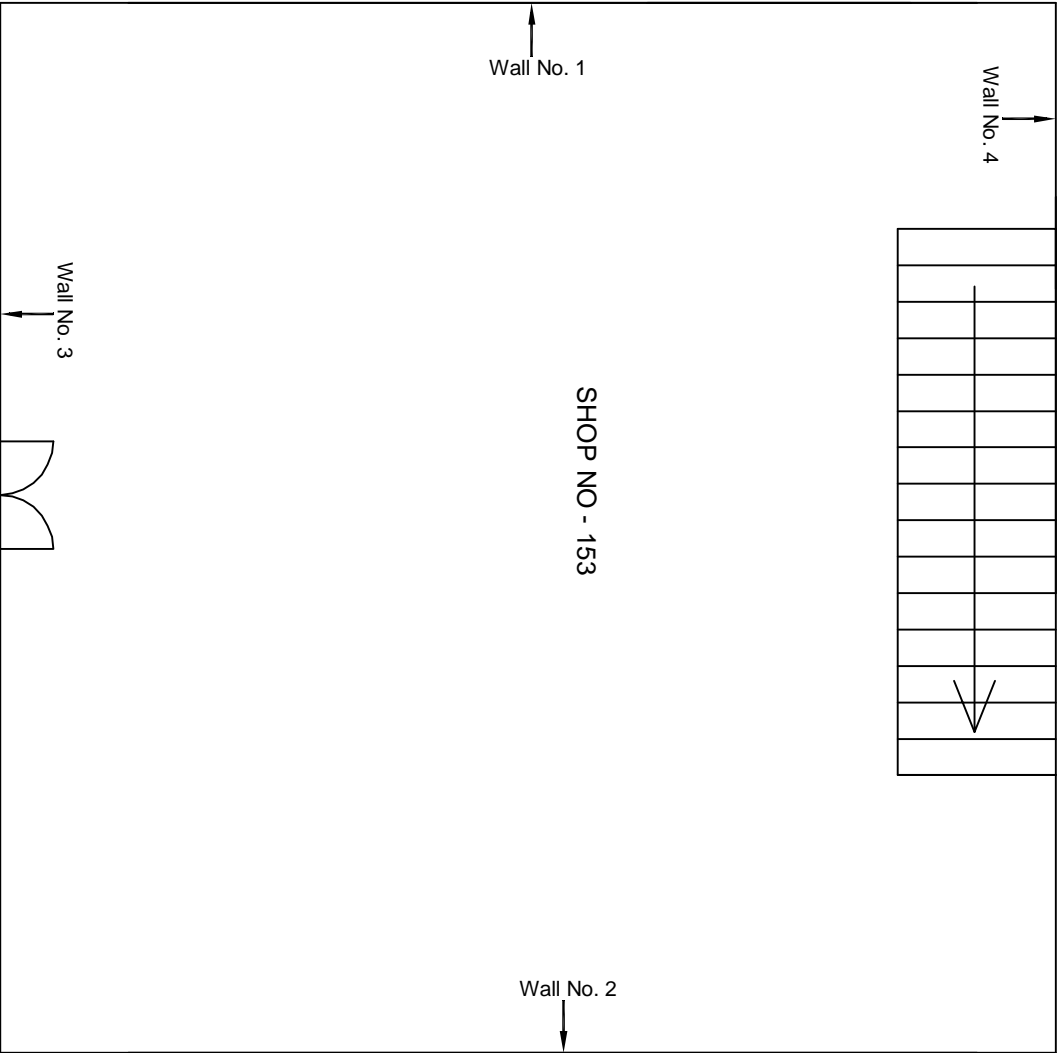
Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Bari Chouper and reversal line

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



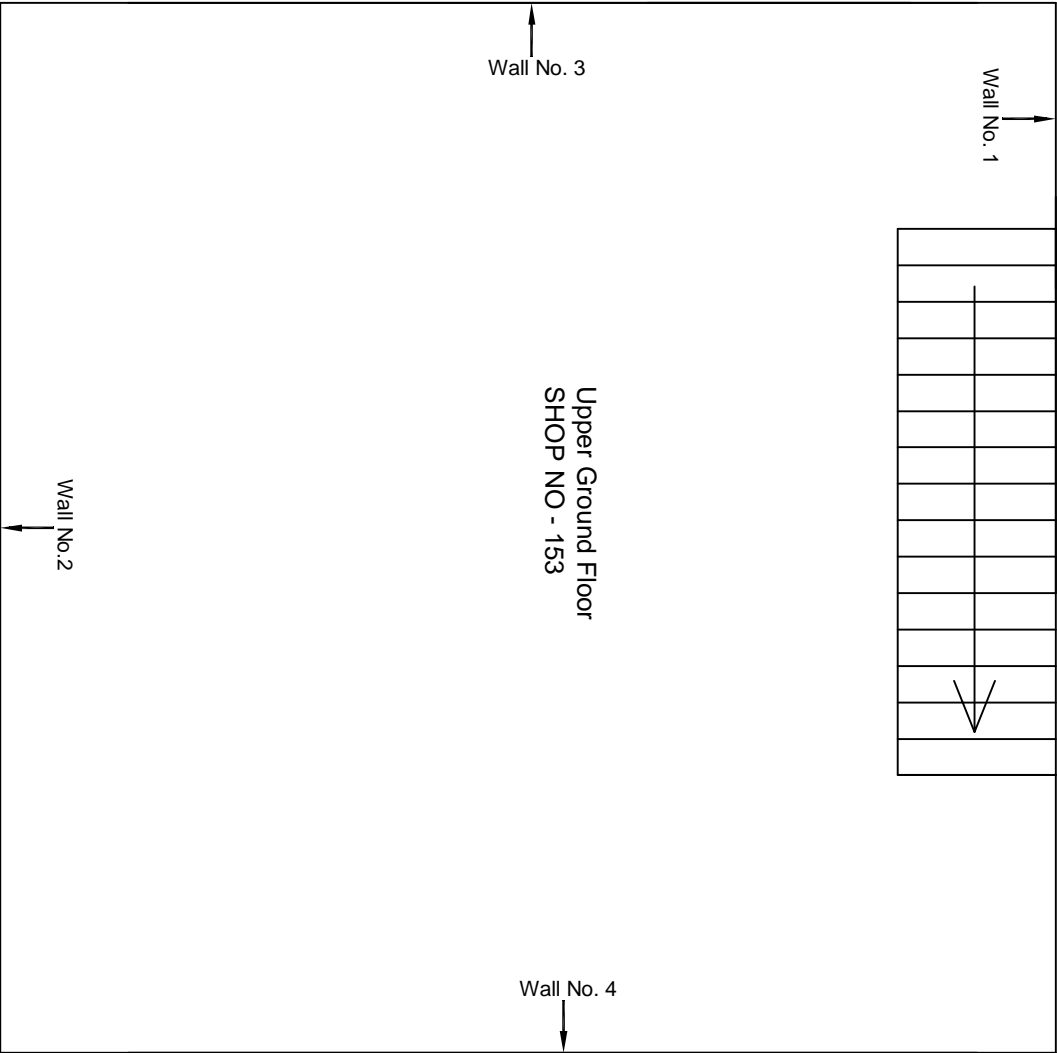
Photo 7

Dampness/Seepage on Beam of Varandah of Shop No. 153, 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 NO.: AIMIL/ESG/12315/ CP-CC-UP-0058/153/ 01	SCALE: Not to Scale	REVISION: R0



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 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					DRAWING TITLE: Upper Ground Floor Plan of Shop No 153 Chandpol Bazar	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0058/153/ 02	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date					SCALE: Not to Scale		



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. 159
Chandpole Bazaar
Jaipur
Unique ID:CP-CC/UP/0061

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0061-159/01, Rev. 00, Dated: June 2014

Building Owner
Contractor

Mr. Mahavir 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	26/06/2014	
2	AIMIL Representative	<i>MONO. SHARMA</i>	
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 4 floors. The structure was constructed in year 1970 and is 44 years old.

There are 0 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
CP-CC/UP/0061-159	Saravgi Stationers, Shop No. 159	Mr. Mahavir Jain	



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	Saravgi Stationers, Shop No. 159
2	Building Address	Chandpole Bazaar, Jaipur
3	Year of Construction	1970
4	Number of Floors	G+3 (Ground Floor)
5	Number of Basements	None
6	Type of Building	Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	44 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.
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.
1	Wall No. 4 of Part-A of Shop No. 159, Ground Floor	Covered With Material				1
2	Wall No. 2 of Part-A of Shop No. 159, Ground Floor	Covered With Material				2
3	All Walls of Part-B of Shop No. 159, Ground Floor	Covered With Material				3
4	Roof of Part-A of Shop No. 159, Ground Floor	Covered With Wooden Ceiling				4



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

Covered With Material, Wall No. 4 of Part-A of Shop No. 159, Ground Floor



Photo 2

Covered With Material, Wall No. 2 of Part-A of Shop No. 159, Ground Floor



Photo 3

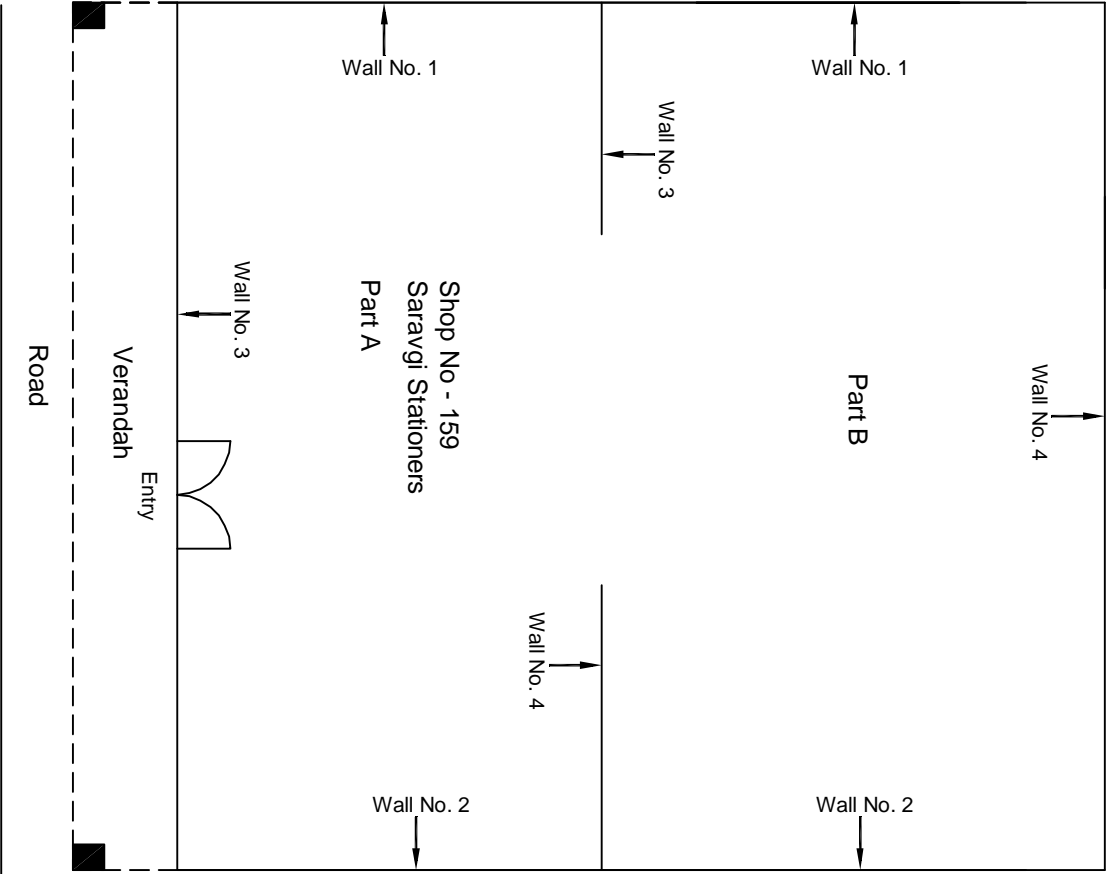
Covered With Material, All Walls of Part-B of Shop No. 159, Ground Floor



Photo 4

Covered With Wooden Ceiling, Roof of Part-A of Shop No. 159, 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 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				DRAWING TITLE: Ground Floor Plan of Shop No 159 Chandpol Bazar	
								DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0061/159/ 01	
								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 Badi Chouper and reversal line



Shop No. 163
Chandpole Bazaar
Jaipur
Unique ID:CP-CC/UP/0063

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0063-163/01, Rev. 00, Dated: July 2014

Building Owner
Contractor

Mr. Badri Narayan Sitamram Somani
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	26/6/2014	
2	AIMIL Representative	<i>MOHD. SHAMRAN</i>	
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 1863 & 150 Years Old.

There are 11 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	Crack Meter
Negligible (< 0.1mm)	0	0%	Not Required
Very Slight (0.1 to 1mm)	4	67%	Required
Slight (1 to 5mm)	2	33%	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
CP-CC/UP/0063-163	Shop No. 163	Mr . Badri Narayana Sitaram Somani	



JAIPUR METRO Jaipur Metro Rail Corporation

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

Pre - Condition Building Survey for Construction of Underground Stations from 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. 163
2	Building Address	Badrinarayan Sitaram Somani, Chandpole Bazaar, Jaipur
3	Year of Construction	1863
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	150Years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	Not Known
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 Badi Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Vrandah Roof of Shop No. 163, Ground Floor	Horizontal	0.35	2	Very Slight	1
2	Vrandah Roof of Shop No. 163, Ground Floor	Horizontal	1	2.5	Slight	2
3	Roof of Part A of Shop No. 163, Ground Floor	Horizontal	0.35	1.8	Very Slight	3
4	Wall No. 4 of Part A of Shop No. 163, Ground Floor	Inclined	0.6	0.3	Very Slight	4
5	Wall No.1 & 3 of Part A of Shop No. 163, Ground Floor	Horizontal	0.5	3	Very Slight	5A & 5B
6	Roof of Main Temple, Ground Floor	Horizontal	1.2	2	Slight	6

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Beam of Varandah of Shop No. 163, Ground Floor	Dempness	7
2	Roof of Varandah of Shop No. 163, Ground Floor	Plaster Removal	8

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Wall No. 1 of Part B of Shop No. 163, Ground Floor	Covered with Materials	9
2	Wall No. 2 of Part B of Shop No. 163, Ground Floor	Covered with Materials	10
3	Wall No. 4 of Part C of Shop No. 163, Ground Floor	Covered with Materials	11



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

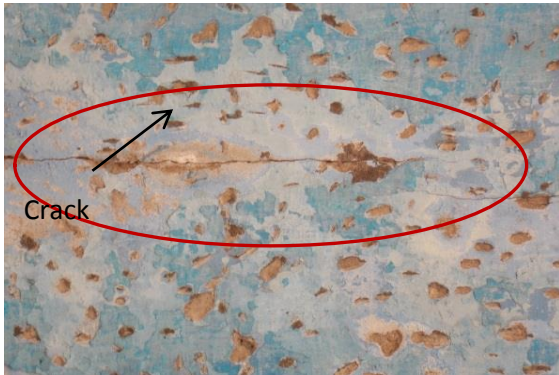


Photo 1

Horizontal Crack on Vrandah Roof of Shop No. 163, Ground Floor, Approx. Width = 0.35mm, Approx. Length = 2m. Distance from Back of L.H.S.Col.= 1.50m, Height from Floor = 3.0m.

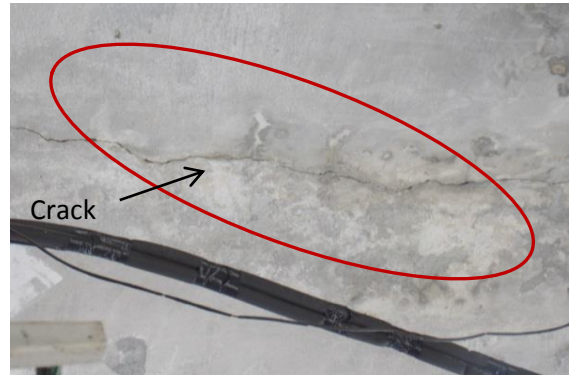


Photo 2

Horizontal Crack on Vrandah Roof of Shop No. 163, Ground Floor, Approx. Width = 1.00mm, Approx. Length = 2.5m. Distance from Back of R.H.S.Col.= 0m, Height from Floor = 3.0m.

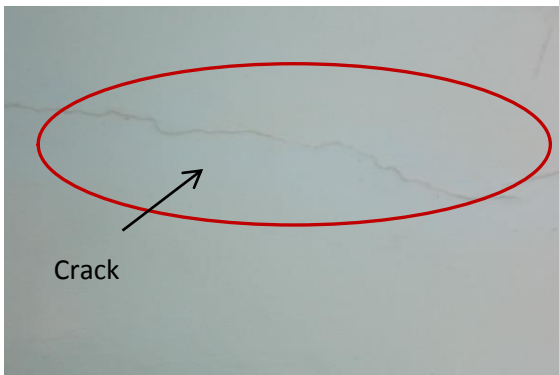


Photo 3

Horizontal Crack on Roof of Part A of Shop No. 163, Ground Floor, Approx. Width = .35mm, Approx. Length = 1.80m. Distance from Wall No. 1= 1.00m, Height from Floor = 3.50m.



Photo 4

Inclined Crack on Wall No. 4 of Shop No. 163, Ground Floor, Approx. Width = 0.60mm, Approx. Length = 0.3m. Distance from Wall No. 1 = 2.0m, Height from Floor = 3.30m.

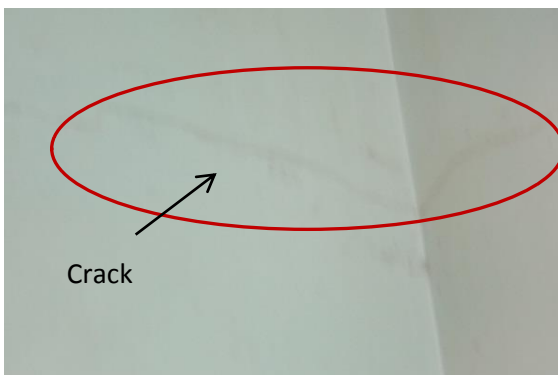


Photo 5A

Horizontal Crack on Wall No. 3 to 1 of Part A of Shop No. 163, Ground Floor, Approx. Width = 0.50mm, Approx. Length = 3.0m. Distance from Wall No. 2= 0m, Height from Floor = 3m.

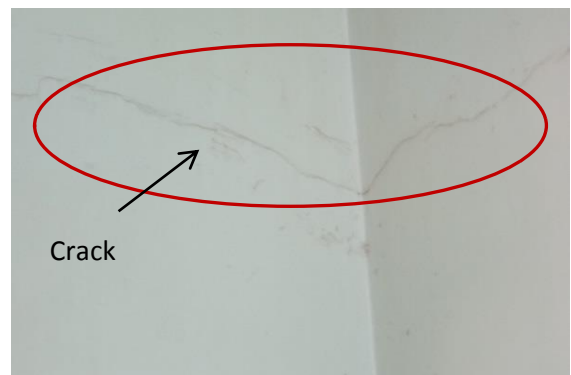


Photo 5B

Horizontal Crack on Wall No. 3 to 1 of Part A of Shop No. 163, Ground Floor, Approx. Width = 0.50mm, Approx. Length = 3.0m. Distance from Wall No. 2= 0m, Height from Floor = 3m.

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

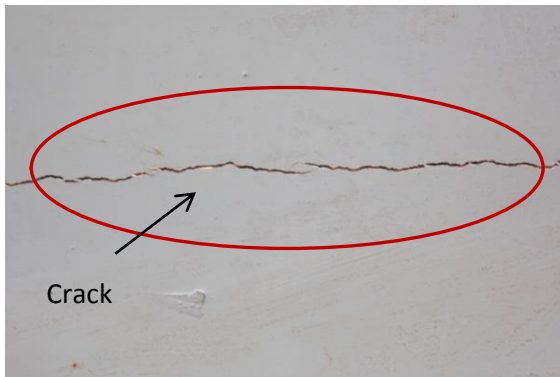


Photo 5A

Horizontal Crack on Beam at Entry gate of Part A of Shop No. 163, Ground Floor, Approx. Width = 1.20mm, Approx. Length = 2.0m. Distance from Wall No. 2 = 0m, Height from Floor = 2.50m.



Photo 7

Dampness on Beam of Varandah of Shop No. 163, Ground Floor

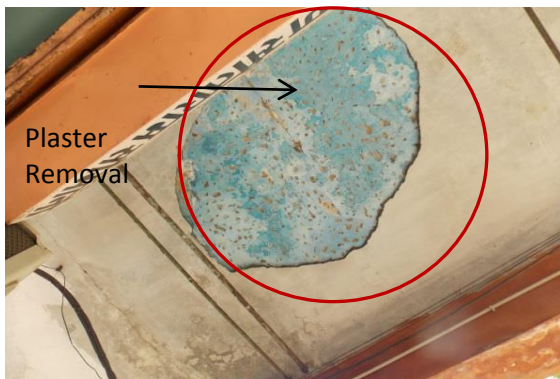


Photo 8

Plaster Removal on Roof of Varandah of Shop No. 163, Ground Floor



Photo 9

Covered With Materials, Wall No. 1 of Part B of Shop No. 163, Ground Floor



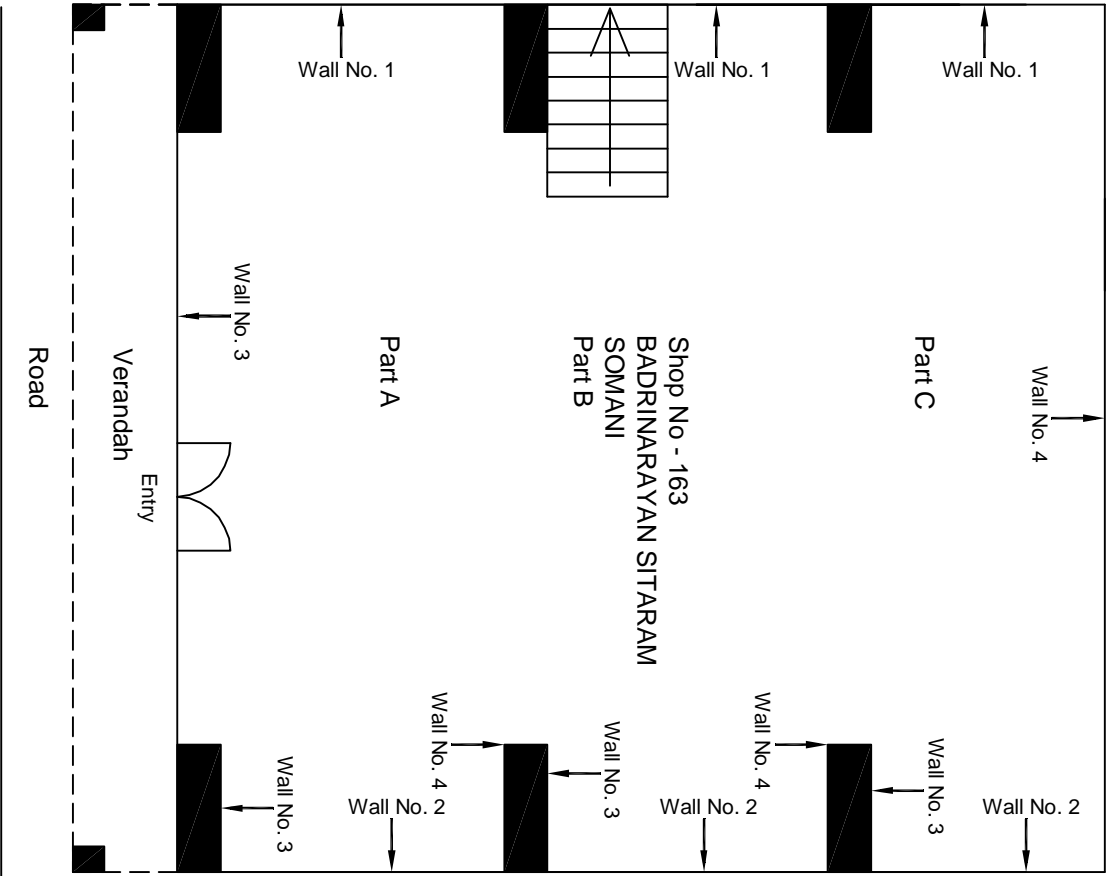
Photo 10

Covered With Materials, Wall No. 2 of Part B of Shop No. 163, Ground Floor



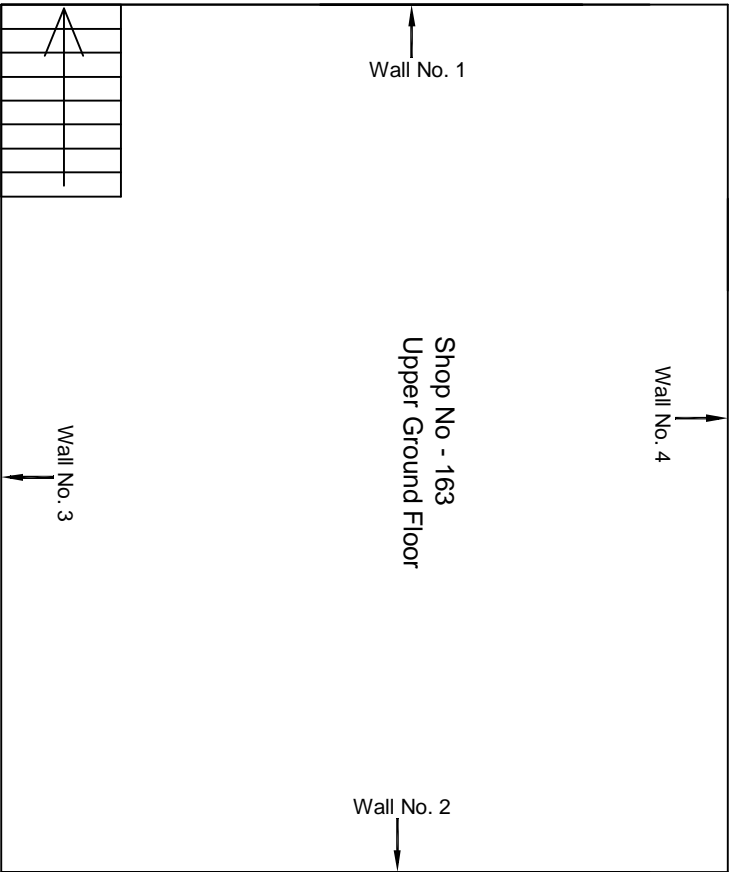
Photo 11

Covered With Materials, Wall No. 4 of Part C of Shop No. 163, 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		DRAWING TITLE: Ground Floor Plan of Shop No 163 CHANDPOL BAZAR		
00		NP	Dr. PRC	16.11.2013				DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0063-163/ 01		
								SCALE: Not to Scale	REVISION: R0	
Revision	Description of Revision	Drawn By	Approved By	Date						



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 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: Upper Ground Floor Plan of Shop No 163 CHANDPOL BAZAR	
								DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0063-163/ 02	
								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. 177B
Chandpole Bazaar
Jaipur
Unique ID:CP-CC/UP/0067

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0067-177B/01, Rev. 00, Dated: June 2014

Building Owner
Contractor

Mr. Kishor Badaya
CEC

Client
Sub-Contractor

JMRC Limited
AIMIL Limited



Aimil Ltd.
Instrumentation & Technologies



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	


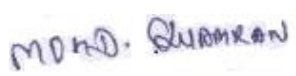
Introduction

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	26/06/2014	
2	AIMIL Representative		
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 2 floors. The structure was constructed in year 1914 and is 100 years old.

There are 5 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 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)	1	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
CP-CC/UP/0067-177B	Shri Nath Photostate, Shop No. 177B	Mr. Kishor Badaya	



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	Shri Nath Photostat, Shop No. 177B
2	Building Address	Chandpole Bazaar, Jaipur
3	Year of Construction	1914
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	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.
1	Roof of Varandah of Shop No.177B, Ground Floor	Horizontal	0.25	2	Very Slight	2
Summary of Defects Other Than Crack						
Defect ID	Location	Description				Photo No.
1	Beam of Varandah of Shop No. 177B, Ground Floor	Dampness/Seepage				3
2	Roof of Varandah of Shop No. 177B, Ground Floor	Dampness/Seepage				4
3	Wall No. 1 of Shop No. 177B, Ground Floor	Dampness/Seepage				5
4	Roof of Shop No. 177B, Ground Floor	Dampness/Seepage				6
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.



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

View of Shri Nath Photostat, Shop No. 177B, Ground Floor

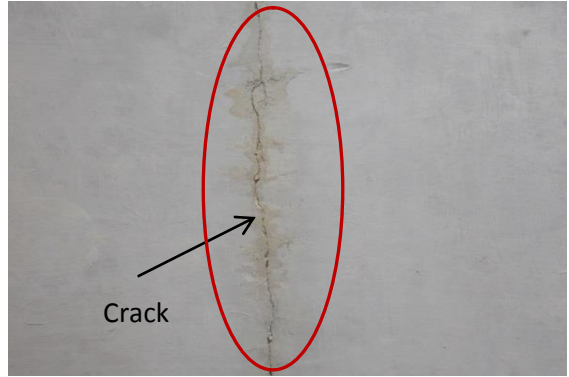


Photo 2

Horizontal Crack on Roof of Varandah of Shop No. 153, Ground Floor, Approx. Width = 0.25mm, Approx. Length = 2.0m. Distance from Left Column = 0m, Height from Floor = 3.0m.



Photo 3

Dampness/Seepage on Beam of Varandah of Shop No. 177B, Ground Floor



Photo 4

Dampness/Seepage on Roof of Varandah of Shop No. 177B, Ground Floor



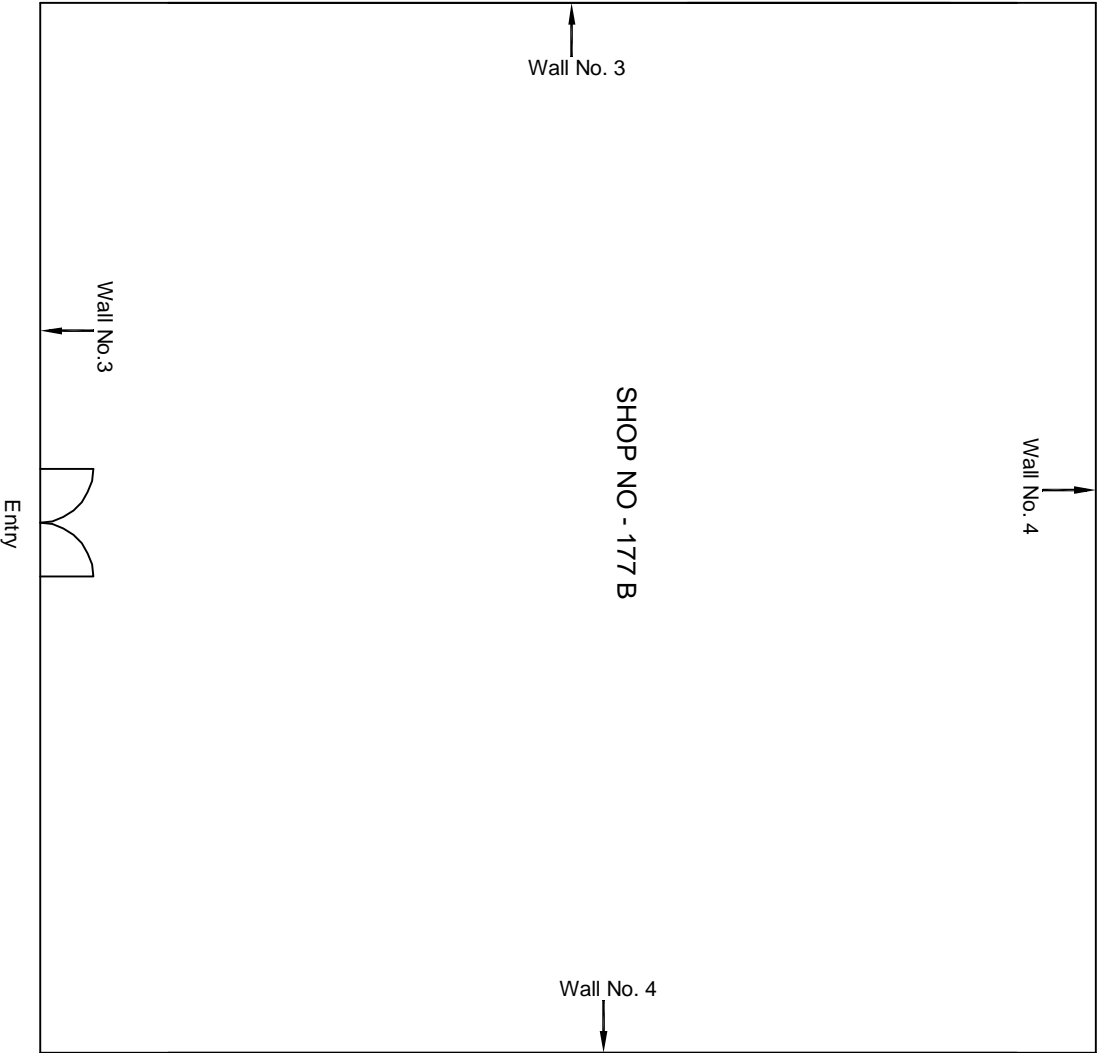
Photo 5

Dampness/Seepage on Wall No. 1 of Shop No. 177B, Ground Floor



Photo 6

Dampness/Seepage on Roof of Shop No. 177B, 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 & 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				
00		NP	Dr. PRC	16.11.2013				DRAWING TITLE: Ground Floor Plan of Shop No 177 B Chandpol Bazar	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0067/177 B/ 01	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date				SCALE: Not to Scale		



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 Badi Chouper and reversal line



Shop No.1 & 4
Chandpole Bazaar
Jaipur
Unique ID:CP-CC/UP/0085

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0085-1 & -4/01, Rev. 00, Dated: July 2014

Building Owner
Contractor

Satguru Bhavan Trust
CEC

Client
Sub-Contractor

JMRC Limited
AIMIL Limited





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

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9	Summary of Areas that Could not be surveyed	5
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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	24/6/2014	
2	AIMIL Representative	MOHD. SHAMRAN	
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 2 floors. The structure was constructed in year 1810 & 204 Years Old.

There are 5 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
CP-CC/UP/0085-01	Sita Ram	Satguru Bhawan Trust	
CP-CC/UP/0085-04	Sita Ram	Satguru Bhawan Trust	



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. 1 & 4, Sitaram
2	Building Address	Shri Satguru Bhavan Trust, chandpole bazar, Jaipur
3	Year of Construction	1810
4	Number of Floors	G+1 (Ground Floor)
5	Number of Basements	No
6	Type of Building	Commercial+Temple
7	Approximate Height	6m
8	Approximate Area	Not Known
9	Age of Building	204 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	Not Known
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	Wall No. 4 of Shop No. 4, Ground Floor	Dampness	2
2	Wall No. 3 of Shop No. 4, Ground Floor	Plaster Removal	3
3	Wall No. 2 of Shop No. 4, Ground Floor	Peeling of plaster	4
4	Roof of Shop No. 1, Ground Floor	Dampness	5
5	Wall No. 3 of Shop No. 1, Ground Floor	Peeling of plaster	6

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.



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 Badi Chouper and reversal line



Photo 1
Main View of Shop No. 1



Photo 2
Dampness on Wall No. 4 of Shop No. 4, Ground Floor



Photo 3
Plaster Removal of wall no.3, shop no.4, Ground Floor



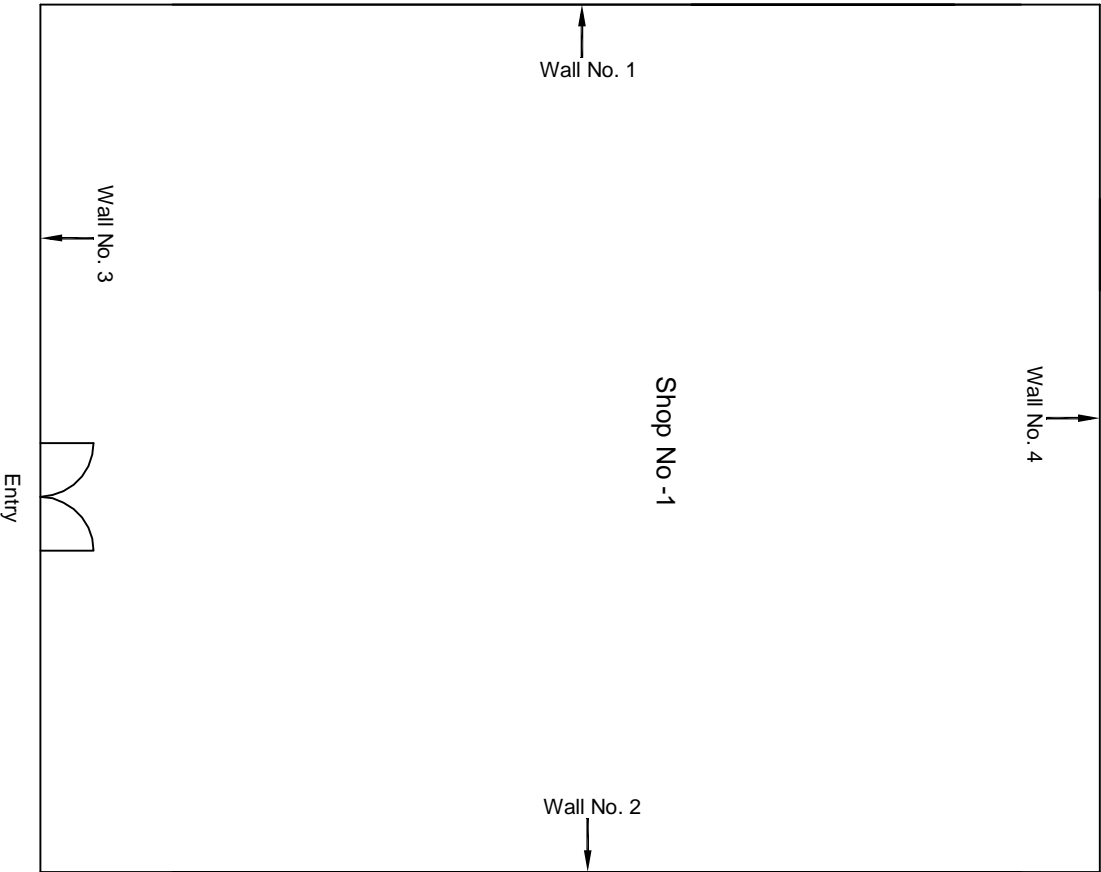
Photo 4
Peeling of plaster from wall no.2, shop no.4, Ground Floor



Photo 5
Dampness on roof, shop no.1, Ground Floor

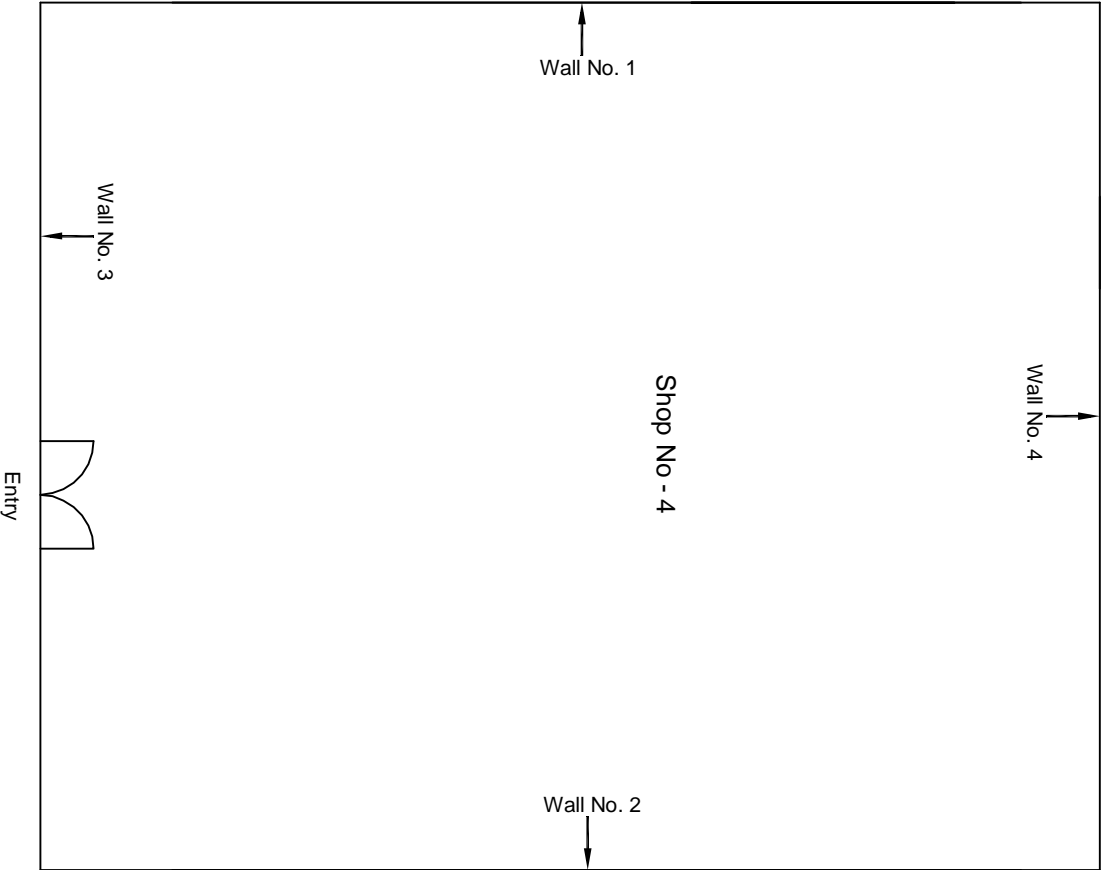


Photo 6
Peeling of plaster from wall no.3, shop no.1 Ground Floor



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 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				
					DRAWING TITLE:		DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0085-1/01	REVISION: R0
					SCALE: Not to Scale			



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					



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 Badi Chouper and reversal line



Shop No.324 & Shop No. 325
Chandpole Bazaar
Jaipur
Unique ID:CP-CC/UP/0146

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0146-1 & -2/01, Rev. 00, Dated: July 2014

Building Owner
Contractor

Mr. Deenanath Ji Radheyshyam Bhagat
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	5
10	Defect Photographs	
11	Schematic Diagram of Building	


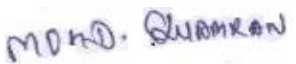
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The alignment of structure is passing through densely inhabited areas, many structures are falling in the zone of influence of construction activities. It is required to carry out the pre-condition survey of those structures. The scope of work of this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

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/6/2014	
2	AIMIL Representative		
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 1 floors. The structure was constructed in year 1813 & 101 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
CP-CC/UP/0146-01	Shop no. 325	Mr. Deenanath Ji Radheyshyam Bhagat	
CP-CC/UP/0146-02	Lakshmi music centre, shop no. 324	Mr. Dinesh Sharma	



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	Shop no.-324 & 325
2	Building Address	Nahargad road, chandpole bazar, Jaipur
3	Year of Construction	1813
4	Number of Floors	Ground Floor
5	Number of Basements	No
6	Type of Building	Commercial
7	Approximate Height	3m
8	Approximate Area	Not Known
9	Age of Building	101 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	None
14	Roadways	one sided
15	Presence of Equipment/Machines	Not Known





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	Wall No. 2 of Shop No. 325, Ground Floor	Dampness/Seepage	2

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All Walls of Shop No. 324, Ground Floor	Covered With Materials	3
2	All Walls of Shop No. 325, Ground Floor	Covered With Wooden Almirah	4



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 Badi Chouper and reversal line



Photo 1
Main View of Shop No. 325



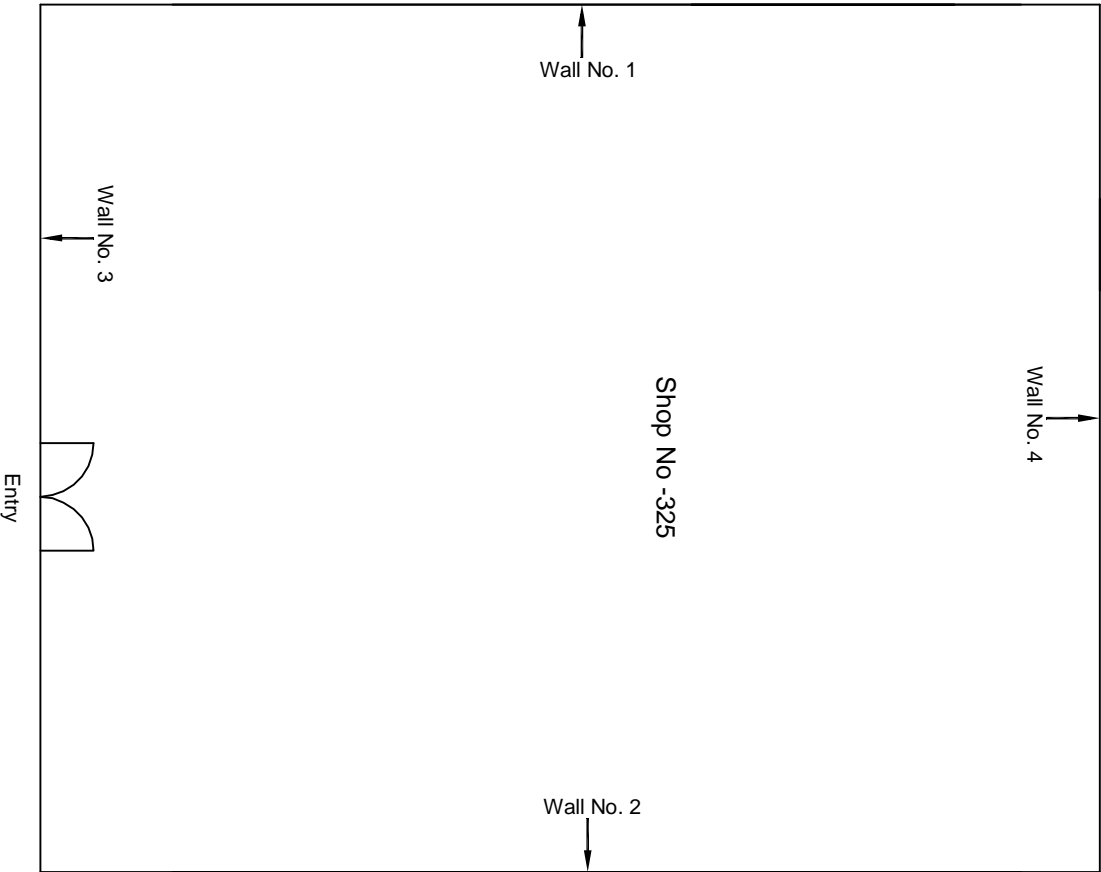
Photo 1
Dampness/Seepage on Wall No. 2 of Shop No. 325, Ground Floor



Photo 3
Covered With Materials, All Walls of Shop No. 324, Ground Floor



Photo 4
Covered With Wooden Almirah, All Walls of Shop No. 325, 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 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 325 Nahargah Ka Rasta Chandpol Bazar	
								DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0146-1/01	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 Badi Chouper and reversal line



Shop No.2, Vikas & Co.
32 ,Rama Krishna Bhavan
Jaipur
Unique ID:CP-CC-UP-0149

Report Number: AIMIL/ESG/JMCEC/CP-CC-UP-0149/5/01, Rev. 00, Dated: July 2014

Building Owner
Contractor

Mr. Nagar Mal Ji Sah
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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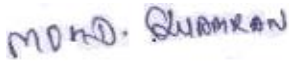
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Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/6/2014	
2	AIMIL Representative		
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 1863 & 151 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
CP-CC-UP-0149/5	Vikas & Co., Shop No. 2	Mr. Nagar Mal Ji Sah	



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	Vikas & Co., Shop No. 2
2	Building Address	32 ,Ramakrishan Bhavan, Jaipur
3	Year of Construction	1863
4	Number of Floors	G+2
5	Number of Basements	No
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	150 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	None
14	Roadways	one sided
15	Presence of Equipment/Machines	Not Known





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	Wall No. 4 of Shop No.5, Vikas & Co., Ground Floor	Dampness/Seepage	1

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.



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 Badi Chouper and reversal line

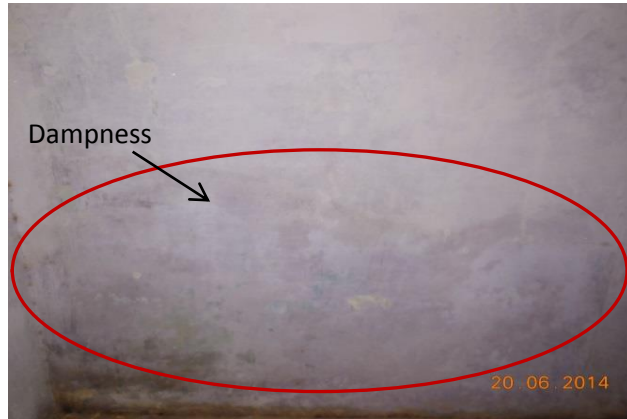


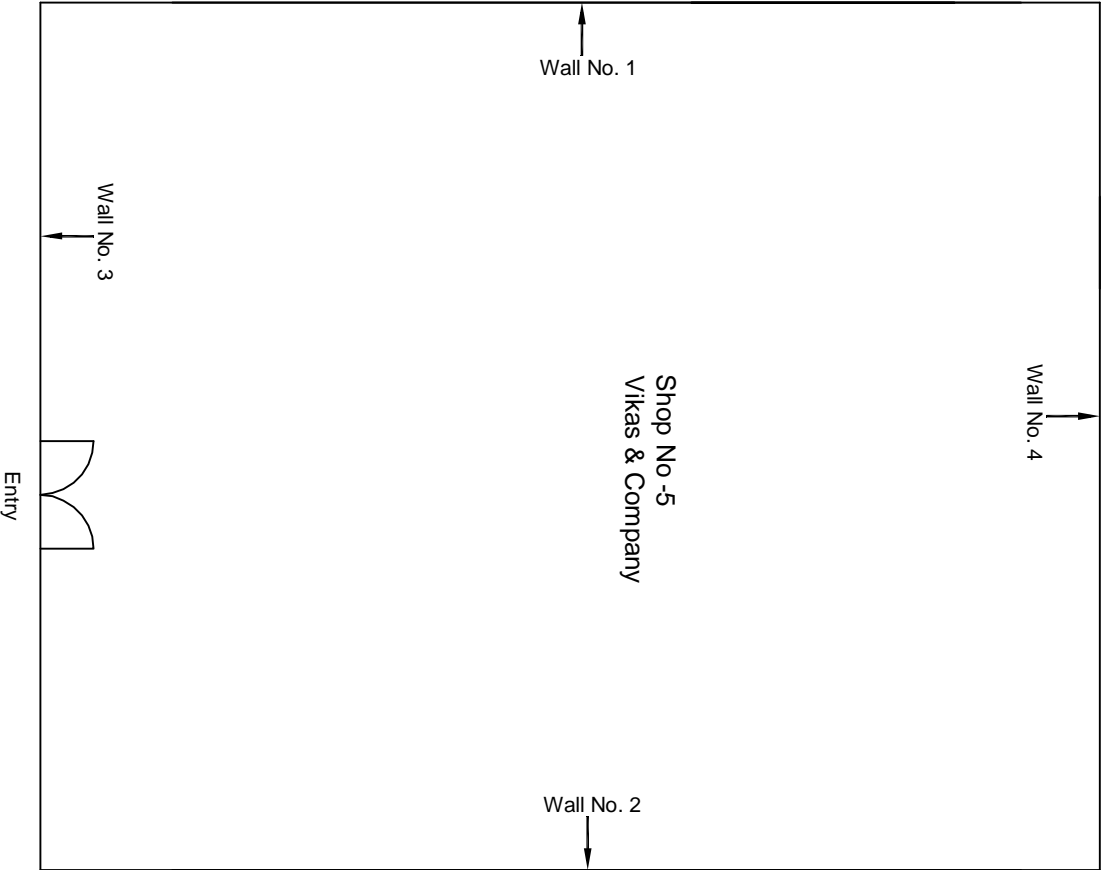
Photo 1

Dampness/ Seepage on Wall No. 4 of Shop No.2, Vikas & Co., Ground Floor



Aimil Ltd.

Instrumentation & Technologies



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				



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 Badi Chouper and reversal line



Vaibhav Jewellers, House No. 759
Kashaiyo Ki Gali, Chandpole Bazaar
Jaipur
Unique ID: CP-CC/UP/0122

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0122-2/01, Rev. 00, Dated: July 2014

Building Owner
Contractor

Mr. Deepak Soni
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	26/6/2014	
2	AIMIL Representative	<i>MOHD. SHAMRAN</i>	
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 & 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
CP-CC/UP/0122-2	Vaibhav Jewellers, House No. 759,	Mr. Deepak Soni	



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	Vaibhav Jewellers, House No. 759
2	Building Address	Kashaiyo Ki Gali Hodi Modhi Ki Gali, Chandpole Bazaar, Jaipur
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	12m
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	Not Known
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 Badi 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.

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All walls of Vaibhav Jewellers of House no. 759 Ground Floor	Covered with wooden Almirah & Materials.	1
2	Roof of Vaibhav Jewellers of House no. 759 Ground Floor	Covered with Wooden Ceiling.	2





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 Badi Chouper and reversal line



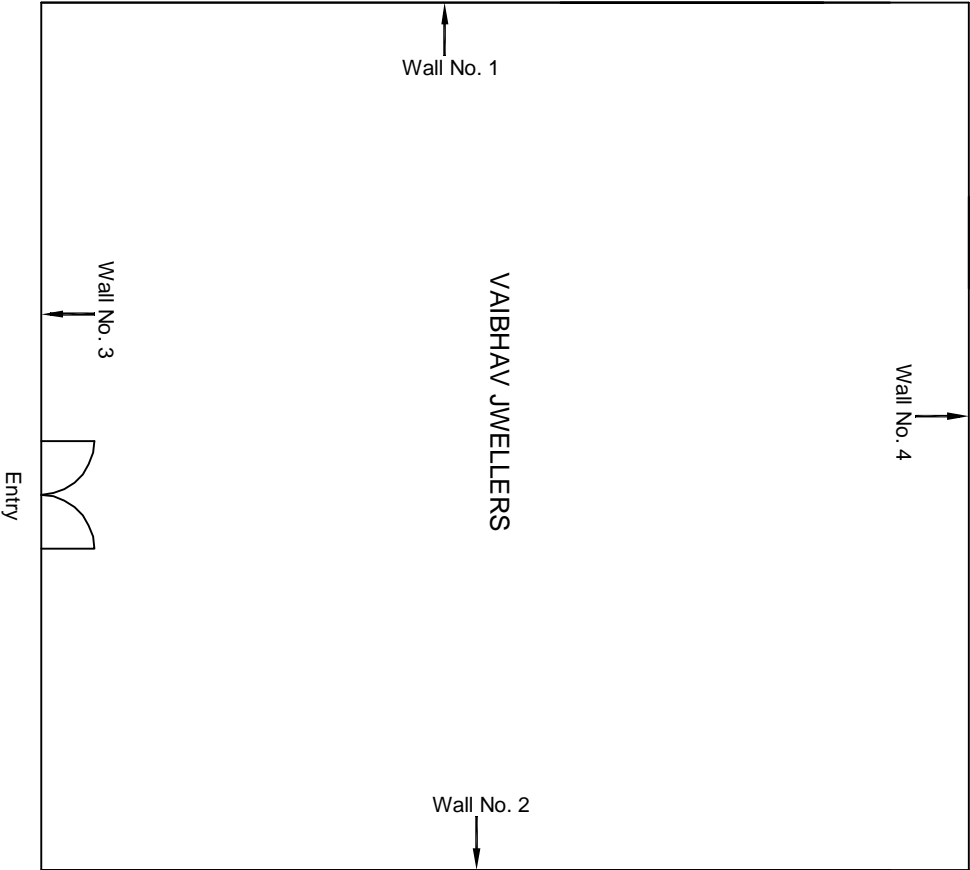
Photo 1

Covered With Wooden Almirah & Materials, All walls of Vaibhav Jewellers of House no. 759 Ground Floor



Photo 2

Covered with Wooden Ceiling, Roof of Vaibhav Jewellers of House no. 759 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				DRAWING TITLE: Ground Floor Plan of VAIBHAV JEWELLERS Kashnaiyo Ki Gali Hodi Modhi Ki Gali Chandpol Bazar	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP-0122/21 01	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



Above Shop No. 59
Chandpol Bazaar
Jaipur
Unique ID:CP-CC/UP/0021

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0021-FF-A & FF-B & SF, Rev. 00, Dated: AUGUST 2014

Building Owner
Contractor

Mr. Bhajsn Das Swami
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	5 & 6
9	Summary of Areas that Could not be surveyed	6
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	8/12/2014	
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 Storey Load Bearing Structure having 3 floors. The structure was constructed in year 1914 and is 100 years old.

There are 51 defects in the structure out of which 12 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	Crack Meter
Negligible (< 0.1mm)	0	0%	Not Required
Very Slight (0.1 to 1mm)	11	92%	Required
Slight (1 to 5mm)	1	8%	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
CP-CC/UP/0021-FF-A	Above Shop No. 59	Mr. Bhajsn Das Swami	
CP-CC/UP/0021-FF-B	Above Shop No. 59	Mr. Bhajsn Das Swami	
CP-CC/UP/0021-SF	Above Shop No. 59	Mr. Bhajsn Das Swami	



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	Above Shop No. 59
2	Building Address	House No. 877, Chandpol Bazar, Jaipur
3	Year of Construction	1914
4	Number of Floors	G+2
5	Number of Basements	Not known
6	Type of Building	Residential+Commercial
7	Approximate Height	10m
8	Approximate Area	780 square fit
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 Staircase, First Floor	Inclined	1.5	3	Slight	6A & 6B
2	Wall No.1 of Staircase, First Floor	Inclined	0.6	3	Very Slight	7A & 7B
3	Wall No. 4 of Lobby, Second Floor	Inclined	0.4	1.2	Very Slight	8A & 8B
4	Wall No. 3 of Lobby, Second Floor	Inclined	0.4	0.5	Very Slight	9A & 9B
5	Wall No. 3 of Room No. 1, Second Floor	Inclined	1	1	Very Slight	10A & 10B
6	Wall No. 4 of Room No. 1, Second Floor	Inclined	0.8	0.5	Very Slight	11A & 11B
7	Wall No.4 of Room No.1, Second Floor	Inclined	0.4	0.8	Very Slight	12A & 12B
8	Wall No.4 of Room No.1, Second Floor	Horizontal	1	0.4	Very Slight	13A & 13B
9	Wall No.4 of Room No.1, Second Floor	Horizontal	0.6	0.4	Very Slight	14 A & 14B
10	Between Wall No.1 and Col. of Room No. 2 (S.F.)	Vertical	1	3	Very Slight	15A & 15B
11	Wall No. 3 of Stair S.F. to Terrace, Second Floor	Horizontal	0.6	1.4	Very Slight	16A & 16B
12	Wall No. 1 of Terrace, Terrace	Inclined	0.8	2	Very Slight	17A & 17B

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Wall No. 2 & 3 of Hall No.2, First Floor	Seepage	18
2	Roof of Hall No. 2, First Floor	Seepage	19
3	Wall No. 1 of Staircase, First floor	Plaster Removal	20
4	Roof of Staircase, First floor	Plaster Removal	21
5	Roof of Gallery, First Floor	Plaster Removal	22 A, B
6	Wall No. 1 of Gallery, First Floor	Plaster Removal	23 A, B, C
7	Wall No. 2 of Gallery, First Floor	Plaster Removal	24
8	Wall No. 4 of Staircase, First floor,	Seepage	25
9	Wall No. 1 of Staircase, First Floor	Seepage	26
10	Step of Staircase, First Floor	Damage	27
11	Wall No. 4 of Staircase, First Floor	Plaster Removal	28
12	Wall No. 2 of Staircase, First Floor	Plaster Removal	29
13	Roof of Staircase, First Floor	Plaster Removal	30
14	Roof of Passage, Second Floor	Plaster Removal	31
15	Roof of Lobby, Second Floor	Dampness/Seepage	32
16	Wall No. 4 of Lobby, Second Floor	Dampness/Seepage	33
17	Wall No. 4 & Roof of Toilet o, Second Floor	Dampness/Seepage	34
18	Wall No. 1 of Room No. 1, Second Floor	Plaster Removal	35
19	Roof of Room No. 1, Second Floor	Dampness/Seepage	36
20	Wall No. 3 of Kitchen, Second Floor	Plaster Removal	37 A, B
21	Wall No. 3 of Kitchen, Second Floor	Dampness/Seepage	38



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

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
22	Wall No. 1 of Kitchen, Second Floor	Dampness/Seepage	39
23	Wall No.4 of Kitchen, Second Floor	Dampness/Seepage	40
24	Wall No.2 of Kitchen, Second Floor	Plaster Removal	41
25	Wall No.2 of Kitchen, Second Floor	Dampness/Seepage	42
26	Wall No.2 of Kitchen, Second Floor	Plaster Removal	43
27	Roof of Kitchen, Second Floor	Plaster Removal	44 A, B, C
28	Roof of Kitchen, Second Floor	Dampness/Seepage	45
29	Wall No. 2 of Room No. 2, Second Floor	Plaster Crack	46 A, B
30	Roof of Room No. 2, Second Floor	Dampness/Seepage	47
31	Wall No. 2 of Room No. 2, Second Floor	Dampness/Seepage	48
32	Wall No. 1 of Room No. 2, Second Floor	Dampness/Seepage	49
33	Wall No. 4 of Room No. 2, Second Floor	Dampness/Seepage	50
34	Wall No.4 of Staircase SF to Terrace,Second Floor	Dampness/Seepage	51
35	Roof of of Staircase SF to Terrace,Second Floor	Dampness/Seepage	52
36	Wall No.3 of Staircase SF to Terrace,Second Floor	Dampness/Seepage	53
37	Wall No.2 of Staircase SF to Terrace,Second Floor	Dampness/Seepage	54
38	Floor of Terrace, Terrace	Plaster Removal/Damage	55
39	Shade of Second Floor, Second Floor	Plaster Removal	56

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All Walls of Toilet & Bathroom No. 1, First floor	Covered with Tiles	57
1	Toilet & Bathroom No. 2, First floor	Locked	58



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

View of Hall No. 1 of House Above Shop No. 59, First Floor



Photo 2

View of Hall No. 1 of House Above Shop No. 59, First Floor



Photo 3

View of Hall No. 2 of House Above Shop No. 59, First Floor



Photo 4

View of Bathroom of House Above Shop No. 59, Second Floor



Photo 5

View of Terrace of House Above Shop No. 59

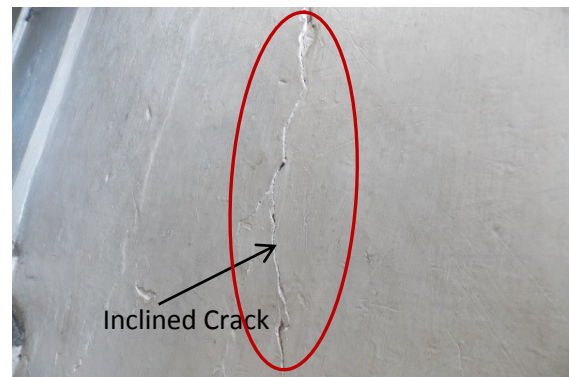


Photo 6A

Inclined Crack on Wall No. 2 of Staircase of House above Shop No. 59, (F.F.) Approx. Width=1.5mm, Approx.Length=3.0m. Distance from Wall No. 4 = 1.3m, Height from Floor = 0.5m.



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



Photo 6B

Inclined Crack on Wall No.2 of Staircase of House above Shop No.59,(F.F.) Approx. Width=1.5mm, Approx.Length=3.0m. Distance from Wall No. 4 = 1.3m, Height from Floor = 0.5m.

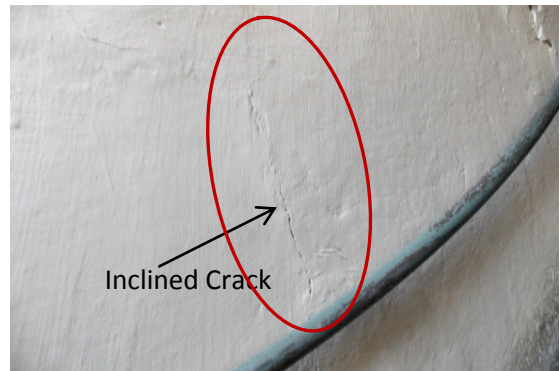


Photo 7A

Inclined Crack on Wall No.1 of Staircase of House above Shop No.59,(F.F.),Approx. Width=0.6mm, Approx.Length=3.0m. Distance from Wall No. 4 = 1.2m, Height from Floor = 0.0m.



Photo 7B

Inclined Crack on Wall No.1 of Staircase of House above Shop No.59,(F.F.),Approx. Width=0.6mm, Approx.Length=3.0m. Distance from Wall No. 4 = 1.2m, Height from Floor = 0.0m.

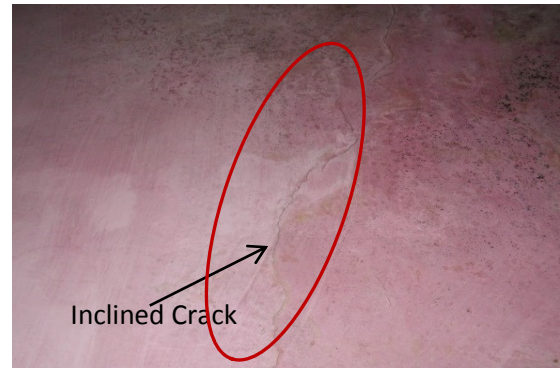


Photo 8A

Inclined Crack on Wall no. 4 of Lobby of House above Shop No.59, (F.F.),Approx. Width=0.4mm,Approx. Length=1.20m. Distance from Wall No.1= 0.6m, Height from Floor = 1.9m.



Photo 8B

Inclined Crack on Wall no. 4 of Lobby of House above Shop No.59, (F.F.),Approx. Width=0.4mm,Approx. Length=1.20m. Distance from Wall No.1= 0.6m, Height from Floor = 1.9m.

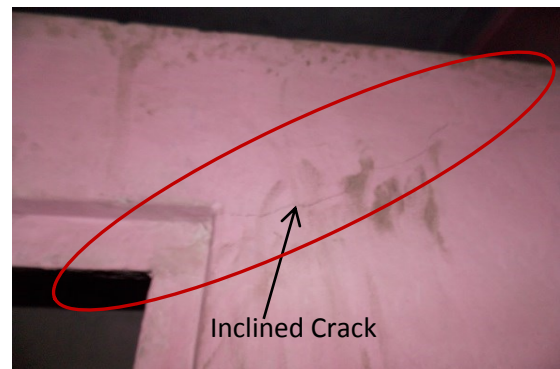


Photo 9A

Inclined Crack on Wall no. 3 of Lobby of House above Shop No.59, (F.F.),Approx. Width=0.4mm,Approx. Length=0.50m. Distance from Wall No.1= 0.8m, Height from Floor = 1.95m.



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



Photo 9B

Inclined Crack on Wall no. 3 of Lobby of House above Shop No.59, (F.F.), Approx. Width=0.4mm, Approx. Length=0.50m.
Distance from Wall No.1= 0.8m, Height from Floor = 1.95m.



Photo 10A

Inclined Crack on Wall no. 3 of Room No. 1 of House above Shop No.59, (S.F.), Approx. Width=1.0mm, Approx. Length = 1.0m.
Distance from Wall No.1= 1.3m, Height from Floor = 1.5m.



Photo 10B

Inclined Crack on Wall no. 3 of Room No. 1 of House above Shop No.59, (S.F.), Approx. Width=1.0mm, Approx. Length = 1.0m.
Distance from Wall No.1= 1.3m, Height from Floor = 1.5m.

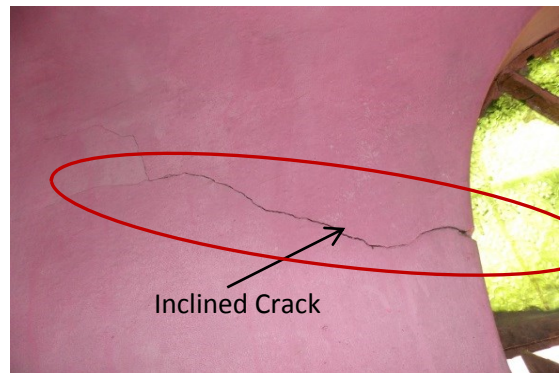


Photo 11A

Inclined Crack on Wall no. 4 of Room No. 1 of House above Shop No.59, Second Floor, Approx. Width=0.8mm, Approx.Length=0.5m .
Distance from Wall No.1= 0.6m, Height from Floor = 1.7m.

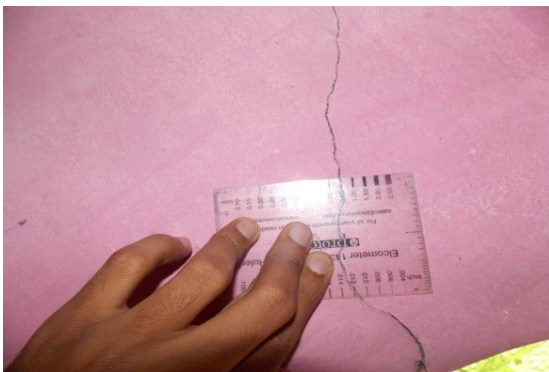


Photo 11B

Inclined Crack on Wall no. 4 of Room No. 1 of House above Shop No.59, Second Floor, Approx. Width=0.8mm, Approx.Length=0.5m .
Distance from Wall No.1= 0.6m, Height from Floor = 1.7m.

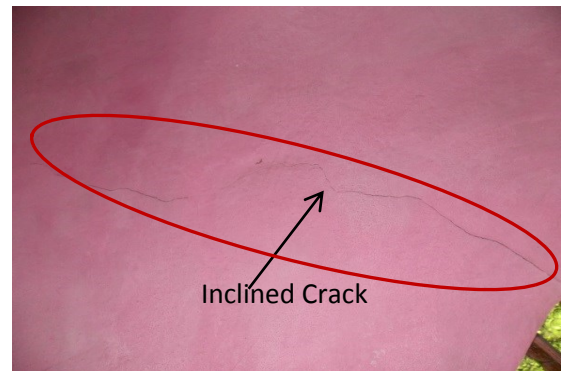


Photo 12A

Inclined Crack on Wall no. 4 of Room No. 1 of House above Shop No.59, Second Floor, Approx. Width = 0.4mm, Approx. Length = 0.8m.
Distance from Wall No.1= 0.7m, Height from Floor = 1.95m.



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

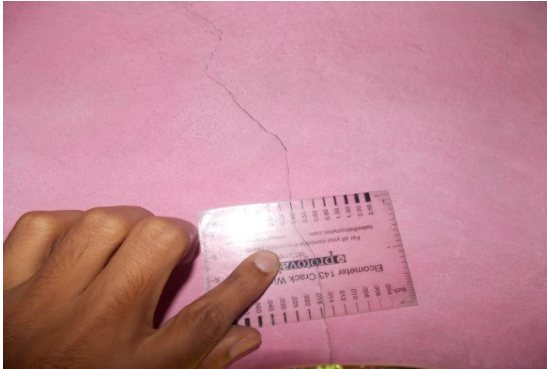


Photo 12B

Inclined Crack on Wall no. 4 of Room No. 1 of House above Shop No.59, Second Floor, Approx. Width = 0.4mm, Approx. Length = 0.8m. Distance from Wall No.1= 0.7m, Height from Floor = 1.95m.

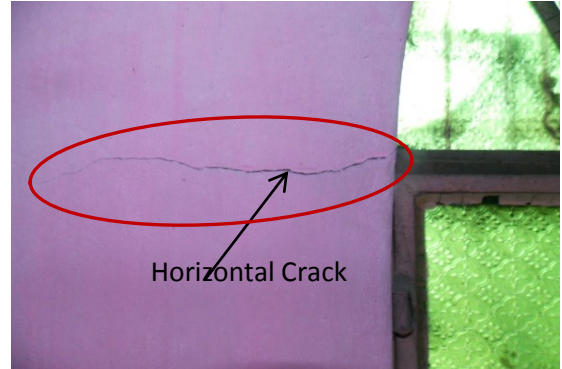


Photo 13A

Horizontal Crack on Wall no. 4 of Room No. 1 of House above Shop No.59, Second Floor, Approx. Width = 1.0mm, Approx. Length = 0.4m. Distance from Wall No.1= 1.3m, Height from Floor = 1.6m.



Photo 13B

Horizontal Crack on Wall no. 4 of Room No. 1 of House above Shop No.59, Second Floor, Approx. Width = 1.0mm, Approx. Length = 0.4m. Distance from Wall No.1= 1.3m, Height from Floor = 1.6m.

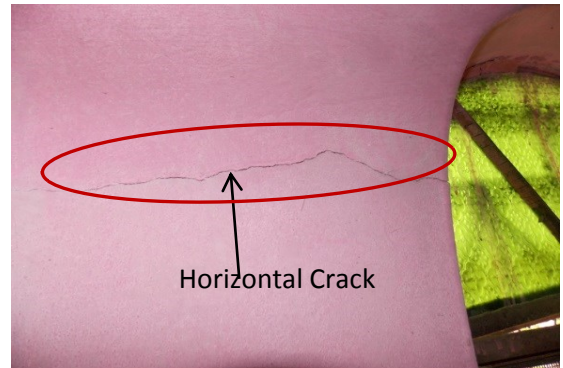


Photo 14A

Horizontal Crack on Wall no. 4 of Room No. 1 of House above Shop No.59, Second Floor, Approx. Width = 0.6mm, Approx. Length = 0.4m. Distance from Wall No.2= 1.0m, Height from Floor = 1.7m.

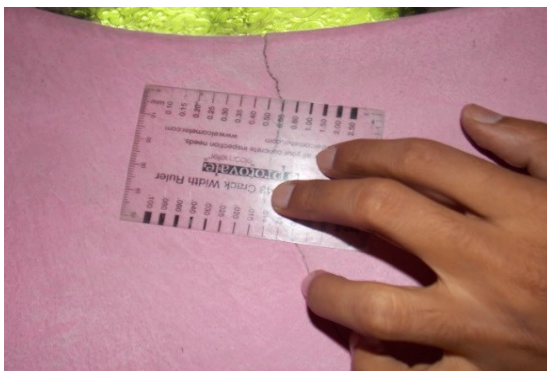


Photo 14B

Horizontal Crack on Wall no. 4 of Room No. 1 of House above Shop No.59, Second Floor, Approx. Width = 0.6mm, Approx. Length = 0.4m. Distance from Wall No.2= 1.0m, Height from Floor = 1.7m.

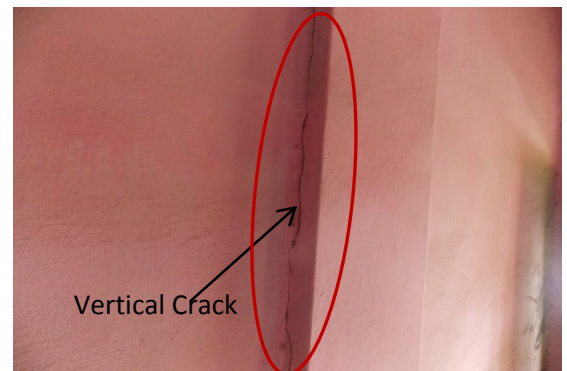


Photo 15A

Vertical Crack Between Wall no. 1 & Column of Room No. 2 of House above Shop No.59, Second First Floor, Approx. Width = 0.6mm, Approx. Length = 0.4m. Distance from Wall No.2= 1.0m, Height from Floor = 1.7m

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



Photo 15B

Vertical Crack Between Wall no. 1 & Column of Room No. 2 of House above Shop No.59, Second First Floor, Approx. Width = 0.6mm, Approx. Length = 0.4m. Distance from Wall No.2= 1.0m, Height from Floor = 1.7m

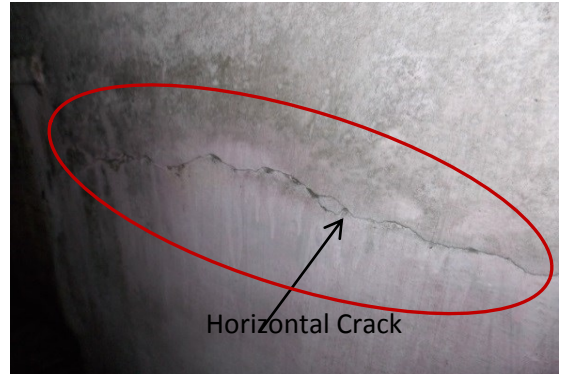


Photo 16A

Horizontal Crack on Wall no.3 of Stair SF to Terrace of House above Shop No.59, Approx. Width=0.6mm, Approx. Length=1.4m. Distance from Wall No.2= 1.0m, Height from Floor = 0.3m.

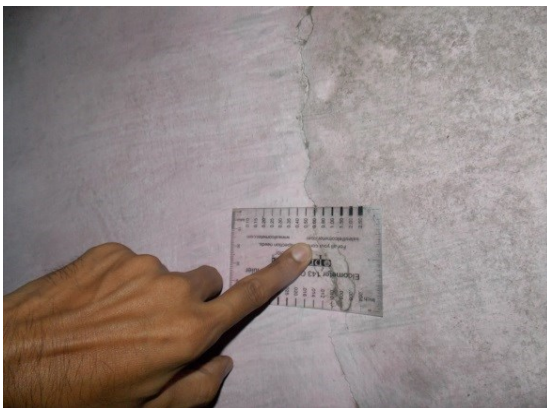


Photo 16B

Horizontal Crack on Wall no.3 of Staircase SF to Terrace of House above Shop No.59, Approx. Width=0.6mm, Approx. Length=1.4m. Distance from Wall No.2= 1.0m, Height from Floor = 0.3m.

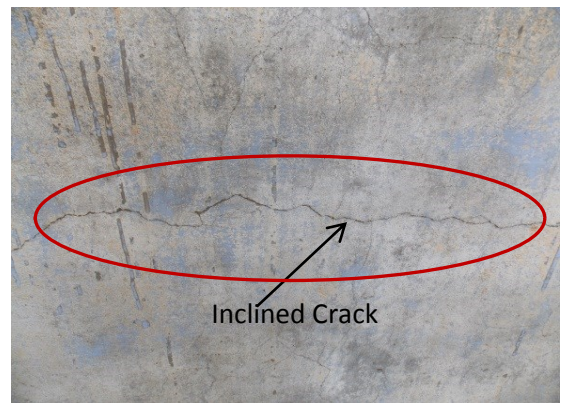


Photo 17

Inclined Crack on Wall no. 1 of Terrace of House above Shop No.59, Approx. Width = 0.8mm, Approx. Length = 2.0m. Distance from Wall No.3= 0.2m, Height from Floor = 0.9m.

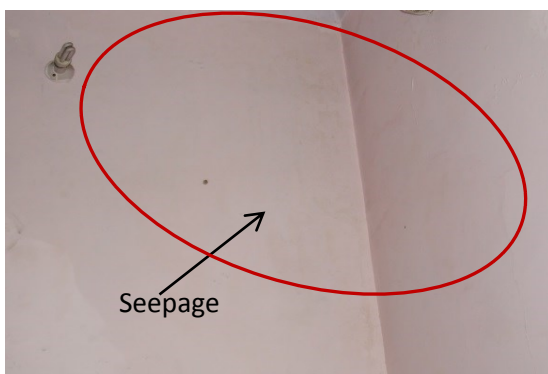


Photo 18

Seepage on Wall No.2 & 3 of Hall No.2 of above Shop No.59, First floor

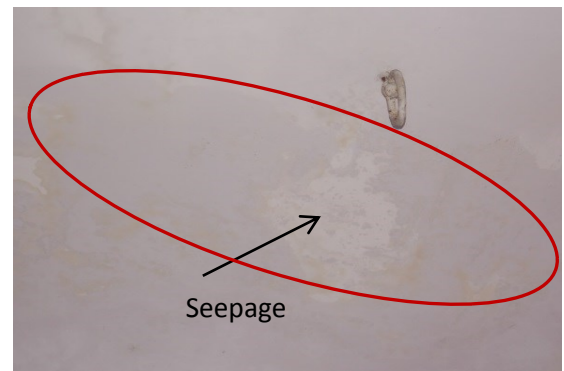


Photo 19

Seepage on Roof of Hall No. 2 of House above Shop No.59, First floor



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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 20
Plaster Removal on Wall No.1 of Stair of H.above Shop No.59,
First floor



Photo 21
Plaster Removal on Roof of Stair of House above Shop No.59,
First floor



Photo 22A
Plaster Removal on Roof of Gallery of House above Shop No.59,
First floor

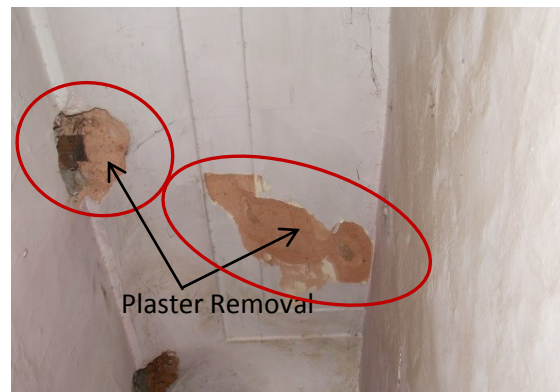


Photo 22B
Plaster Removal on Roof of Gallery of House above Shop No.59,
First floor



Photo 23A
Plaster Removal on Wall No.1 of Gallery of above Shop No.59,
First floor

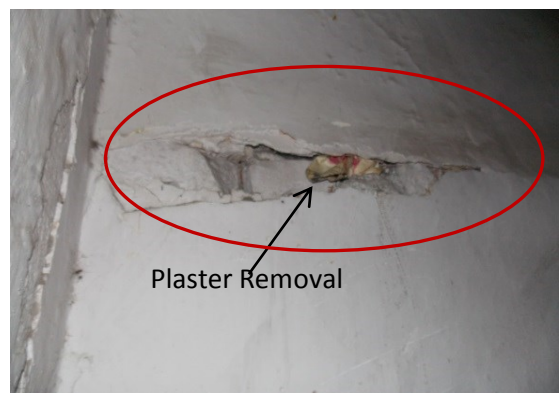


Photo 23B
Plaster Removal on Wall No.1 of Gallery of above Shop No.59,
First floor

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

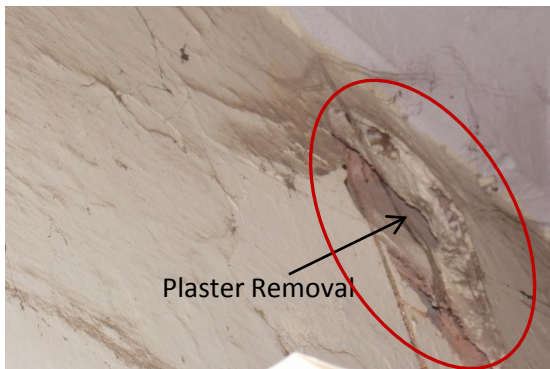


Photo 23C
 Plaster Removal on Wall No.1 of Gallery of above Shop No.59,
 First floor

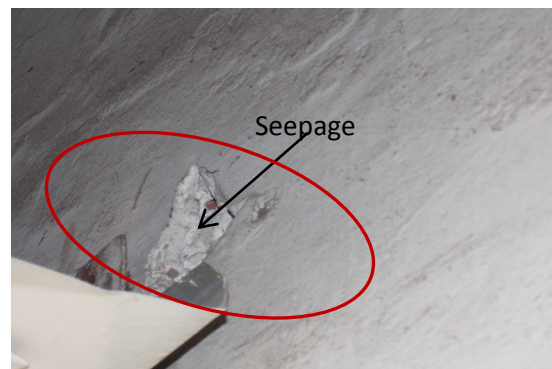


Photo 24
 Seepage on Wall No.4 of Staircase of House above Shop No.59,
 First floor

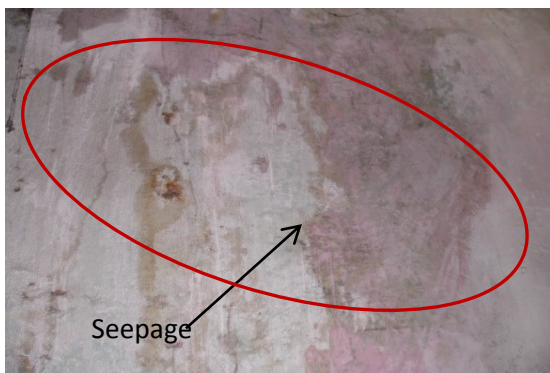


Photo 25
 Seepage on Wall No.4 of Staircase of House above Shop No.59,
 First floor

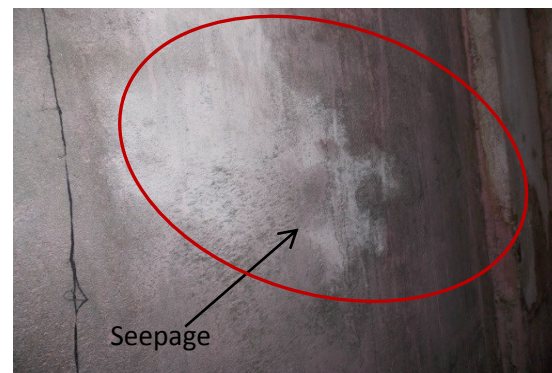


Photo 26
 Seepage on Wall No.1 of Staircase of House above Shop No.59,
 First floor



Photo 27
 Step Damage of Stair Case of House above Shop No.59, Part A, First
 floor



Photo 28
 Plaster Removal on Wall No. 4 of Staircase of above Shop No.59,
 First floor

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

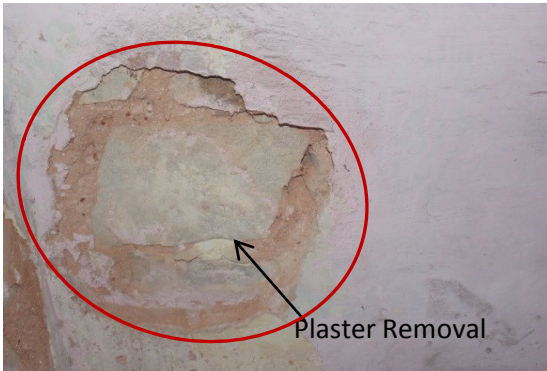


Photo 29
 Plaster Removal on Wall No. 2 of Staircase of above Shop No.59,
 First floor



Photo 30
 Plaster Removal on Roof of Staircase of above Shop No.59,
 First floor



Photo 31
 Plaster Removal on Roof of Passage of above Shop No.59,
 Second floor



Photo 32
 Seepage on Roof of Lobby of House above Shop No.59,
 Second floor

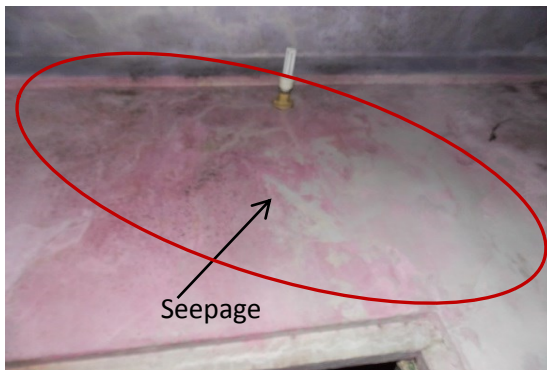


Photo 33
 Seepage on Wall No. 4 of Lobby of House above Shop No.59,
 Second floor

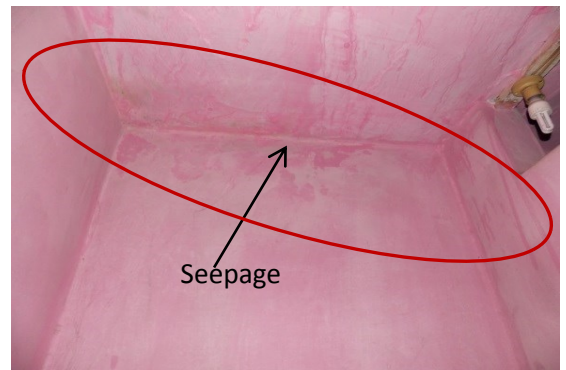


Photo 34
 Seepage on Wall No.4 & Roof of Toilet of above ShopNo.59,
 Second floor



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

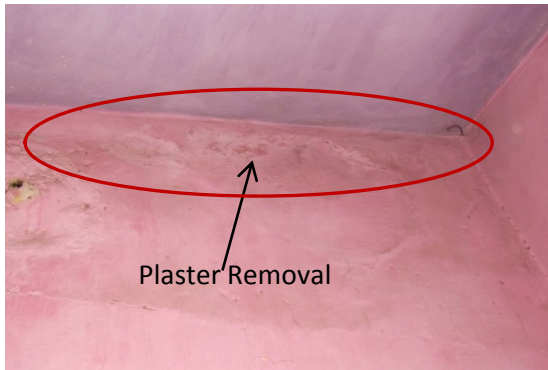


Photo 35

Plaster Removal on Wall No. 1 of Room No. 1 of House above Shop No.59, Second floor

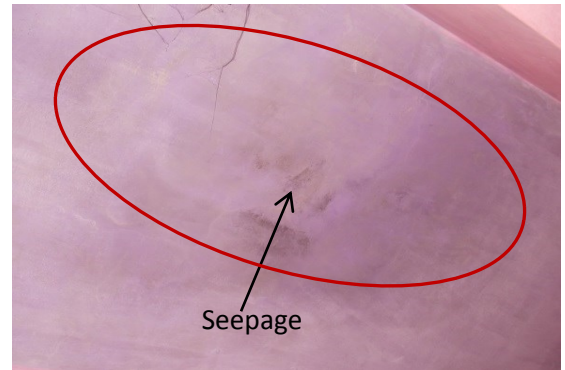


Photo 36

Seepage on Roof of Room No.1 of House above Shop No.59, Second floor



Photo 37A

Plaster Removal on Wall No.3 of Kitchen of House above Shop No.59, Second floor



Photo 37B

Plaster Removal on Wall No.3 of Kitchen of House above Shop No.59, Second floor



Photo 38

Seepage on Wall No.3 of Kitchen of House above Shop No.59, Second floor



Photo 39

Seepage on Wall No.1 of Kitchen of House above Shop No.59, Second floor



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



Photo 40

Seepage on Wall No.4 of Kitchen of House above Shop No.59, Second floor



Photo 41

Plaster Removal on Wall No. 2 of Kitchen of House above Shop No.59, Second floor



Photo 42

Seepage on Wall No. 2 of Kitchen of House above Shop No.59, Second floor



Photo 43

Plaster Removal on Wall No.2 of Kitchen of House above Shop No.59, Second Floor



Photo 44A

Plaster Removal on Roof of Kitchen of House above Shop No.59, Second Floor



Photo 44B

Plaster Removal on Roof of Kitchen of House above Shop No.59, Second floor



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

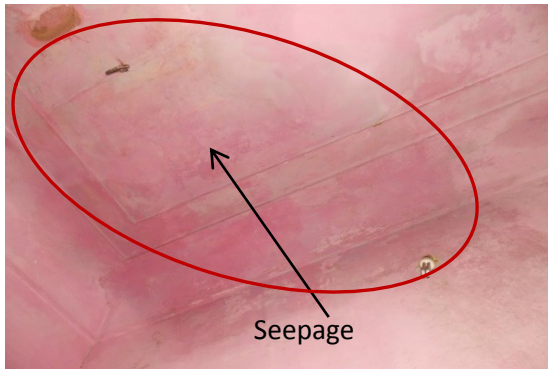


Photo 45

Seepage on Roof of Kitchen of House above Shop No.59, Second Floor

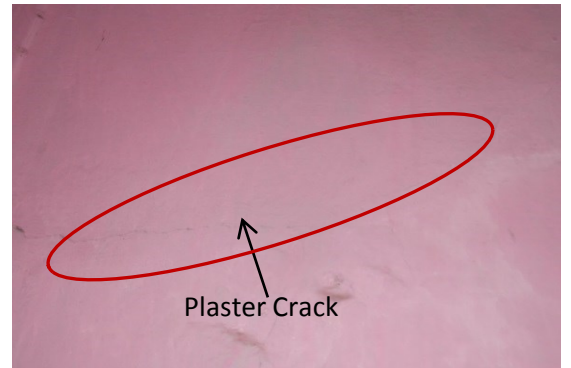


Photo 46A

Plaster Crack on Wall No.2 of Room No.1 of House above Shop No.59, Second Floor

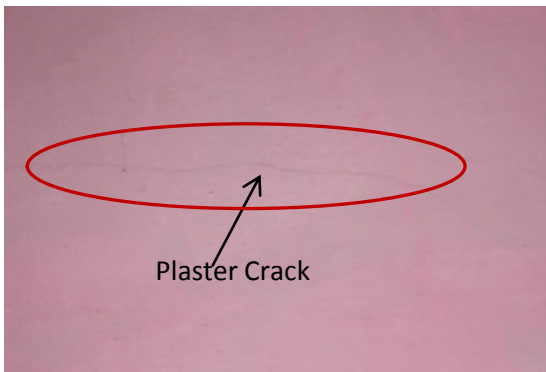


Photo 46B

Plaster Crack on Wall No.2 of Room No.1 of House above Shop No.59, Second Floor

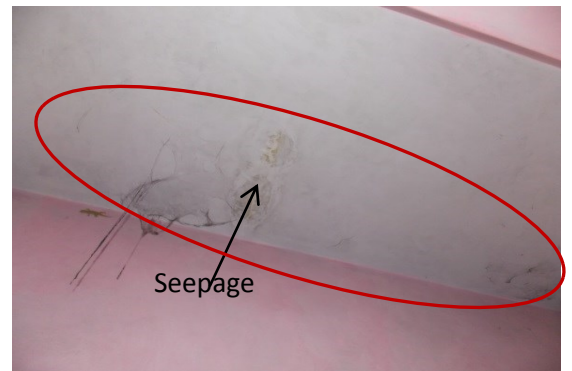


Photo 47

Seepage on Roof of Room No.2 of House above Shop No.59, Second floor

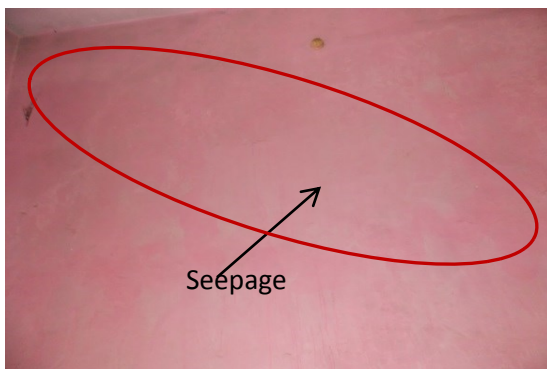


Photo 48

Seepage on Wall No.2 of Room No.2 of House above Shop No.59, Second floor

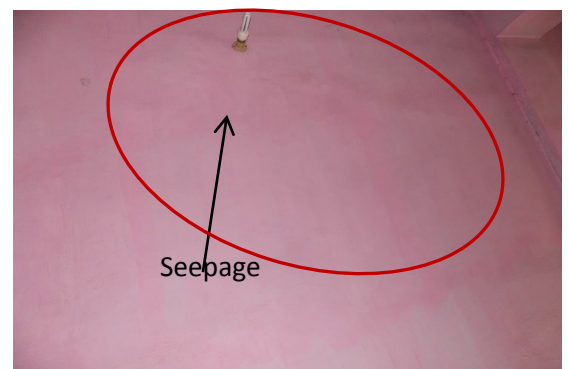


Photo 49

Seepage on Wall No.1 of Room No.2 of House above Shop No.59, Second floor



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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 50

Seepage on Wall No. 4 of Room No.2 of House above Shop No.59, Second floor

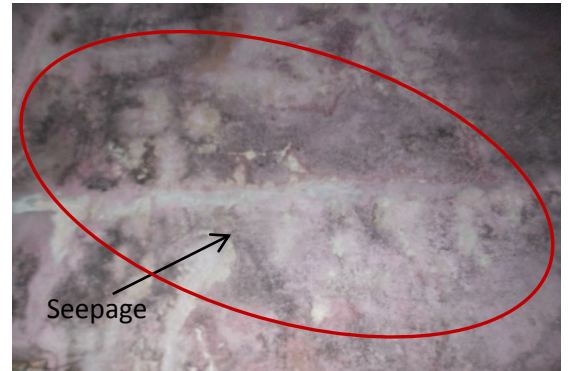


Photo 51

Seepage on Wall No.4 of Staircase SF to Terrace, Terrace

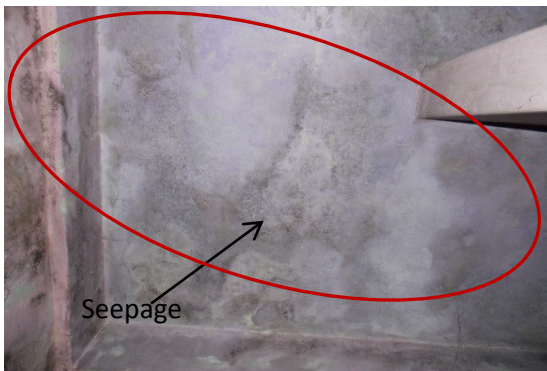


Photo 52

Seepage on Roof of Staircase SF to Terrace, Second Floor

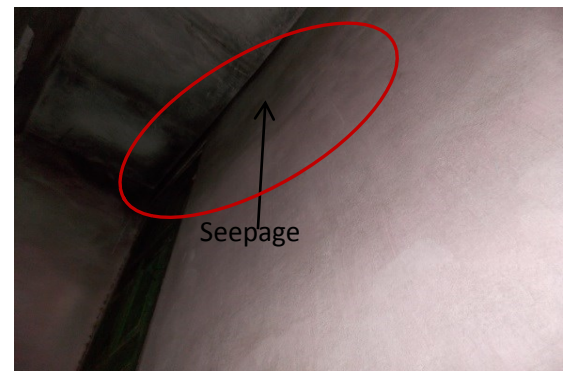


Photo 53

Seepage on Wall No.3 of Staircase SF to Terrace, Second Floor



Photo 54

Seepage on Wall No.2 of Staircase SF to Terrace, Second Floor



Photo 55

Plaster Removal on Floor of Terrace, Terrace

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

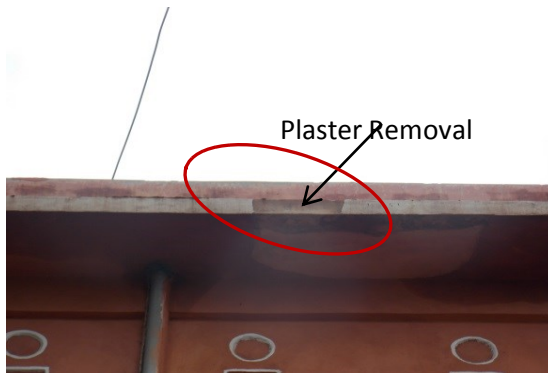


Photo 56

Plaster Removal on Second Floor Shade, Second Floor



Photo 57

Covered with Tiles, All Walls of Toilet & Bathroom No. 1 of House above Shop No.59, First floor

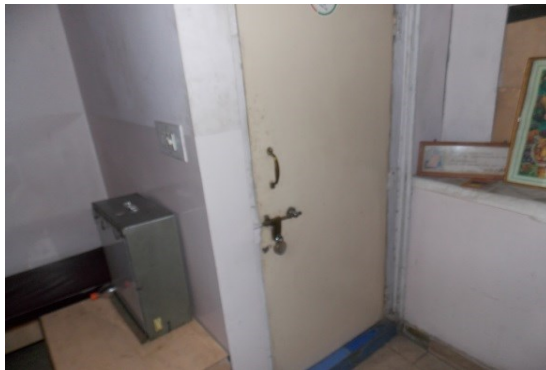
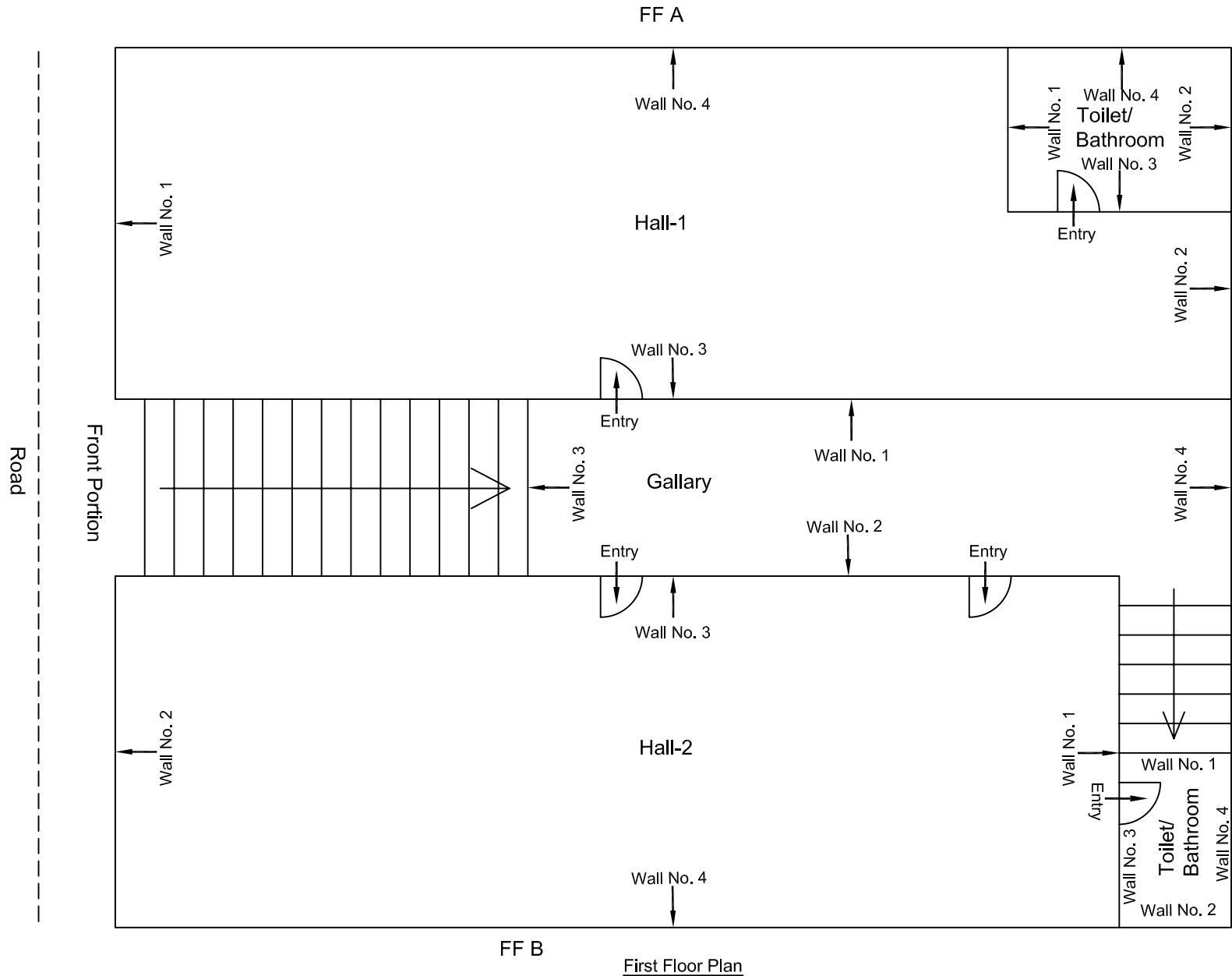
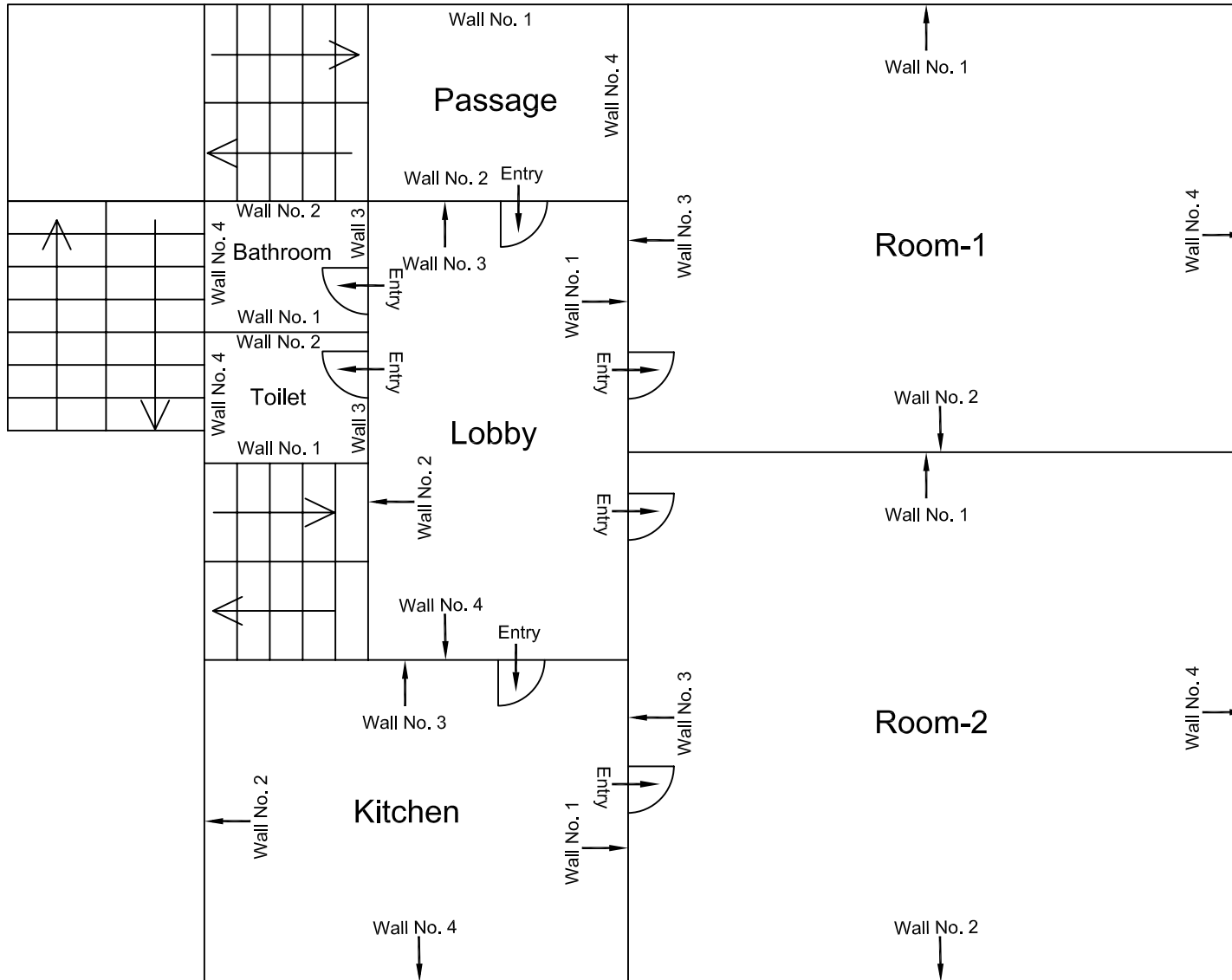


Photo 58

Locked, Toilet & Bathroom No. 2 of House above Shop No.59, First floor

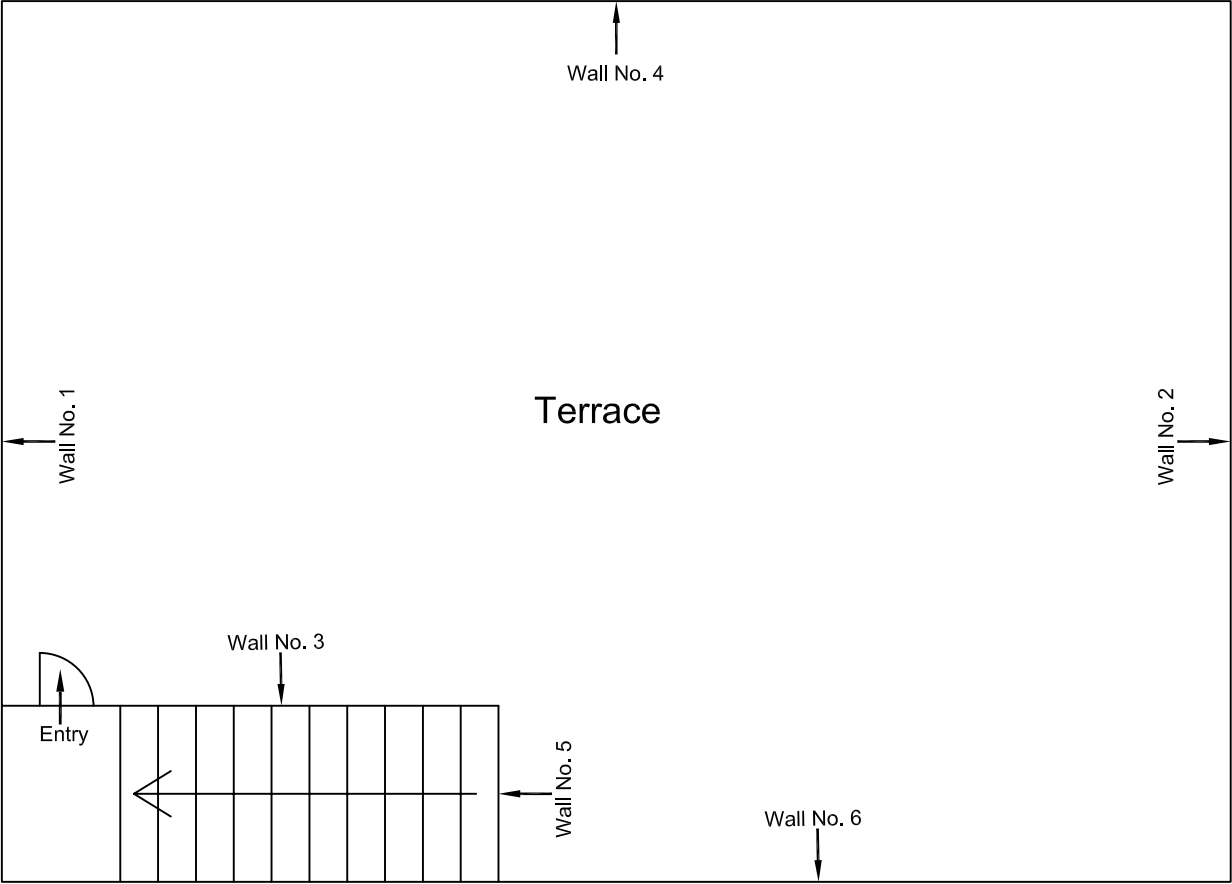


					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
								DRAWING TITLE: First Floor Plan of House No 877 Above Shop No.S 9 , Chandpole Bazar.	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0021/FFA/SF/01
00		NP	Dr. PRC	16.11.2013	CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		SCALE: Not to Scale	
Revision	Description of Revision	Drawn By	Approved By	Date				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 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	
								DRAWING TITLE: Second Floor Plan of House No 877 Above Shop No.S 9 , Chandpole Bazar.	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0021/FFA/SF/02
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		SCALE: Not to Scale	REVISION: R0
00		NP	Dr. PRC	16.11.2013					
Revision	Description of Revision	Drawn By	Approved By	Date					



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 Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
								DRAWING TITLE: Terrace Floor Plan of House No 877 Above Shop No.S 9 , Chandpole Bazar.	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0021/FFA/SF/03
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		SCALE: Not to Scale	
00		NP	Dr. PRC	16.11.2013				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



House No. 558, Gujrati Samaj
Jalal Munsu Ka Rasta, Chandpol Bazaar
Jaipur
Unique ID: CP-CC/UP/0042

Report Number: AIMIL/ESG/JMCEC/CP-CC-UP-0042/FF, Rev. 00, Dated: AUGUST 2014

Building Owner
Contractor

Mr. Indrajeetji (Secretary)
CEC

Client
Sub-Contractor

JMRC Limited
AIMIL Limited





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

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8	Summary of Defects other than Cracks	5,6 & 7
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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	8/13/2014	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		





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 2 floors. The structure was constructed in year 1854 and is 160 years old.

There are 85 defects in the structure out of which 14 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	Crack Meter
Negligible (< 0.1mm)	0	0%	Not Required
Very Slight (0.1 to 1mm)	10	71%	Required
Slight (1 to 5mm)	4	29%	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
CP-CC-UP-0042/FF	House No. 558, Gujrati Samaj	Mr. Indrajeetji (Secretary)	





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	House No. 558, Gujrati Samaj
2	Building Address	Jalal Munsu Ka Rasta, Chandpol, Jaipur
3	Year of Construction	1854
4	Number of Floors	G+1
5	Number of Basements	Not known
6	Type of Building	Residential
7	Approximate Height	7m
8	Approximate Area	300 Square Yard
9	Age of Building	160 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Load Bearing Structure
12	Number of Bore Wells	1
13	Depth and Diameter of Bore	100 Feet, 4"
14	Roadways	One Side
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.
1	Wall no. 4 of Bathroom No.1 of H.No. 558,(G.F.)	Inclined	0.6	0.3	Very Slight	2A & 2B
2	Wall no. 2 of Courtyard of House No. 558,(G.F.)	Inclined	0.5	1	Very Slight	3
3	Wall no. 4 of Courtyard of House No. 558, (G.F.)	Horizontal	0.8	3	Very Slight	4
4	Wall no. 2 of Courtyard of House No. 558, G(G.F.)	Inclined	0.6	1.3	Very Slight	5
5	Wall No. 2 of Part A of Room No. 8 of H.No. 558, (F.F.)	Inclined	0.5	2.7	Very Slight	6A & 6B
6	Roof of Room No. 14 of House No. 558, First Floor	Horizontal	0.3	2.5	Very Slight	7
7	Wall No. 4 of Part A of Room No.11 of H.No.558,(F.F.)	Inclined	2.5	1.5	Slight	8A & 8B
8	Wall No. 4 of Part A of Room No.11 of H.No.558,(F.F.)	Inclined	1.5	1	Slight	9A & 9B
9	Floor of Part A of Room No.1 of H.No.558,(F.F.)	Inclined	2	2.5	Slight	10A & 10B
10	Wall No.3 of Corridor FFtoTerrace of H.No. 558(F.F.)	Inclined	1.5	3.5	Slight	11A & 11B
11	Wall No. 2 of Corridor of House No. 558, First Floor	Inclined	0.4	2	Very Slight	12A & 12B
12	Wall No. 3 of Corridor of House No. 558, First Floor	Inclined	1	3	Very Slight	13A & 13B
13	Wall-2 to 4 of Part A of Room No.15 of H.No.558(F.F.)	Inclined	1	4.5	Very Slight	14
14	Wall-4 of Room No. 15 of House No. 558, First Floor	Inclined	0.35	1.5	Very Slight	15

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Roof of Passage of House No. 558, Ground Floor	Seepage	16
2	Wall No. 1 of Passage of H.No. 558, Ground Floor	Seepage	17
3	Wall No. 4 of Passage of H. No. 558, Ground Floor	Peeling of plaster	18
4	Wall No. 2 of Passage of H.No. 558, Ground Floor	Plaster Removal	19
5	Wall No. 3 of Passage of H.No. 558, Ground Floor	Seepage	20
6	Wall No. 3 of Passage of H.No. 558, Ground Floor	Plaster Removal	21
7	Wall No. 1 of Passage of H.No. 558, Ground Floor	Plaster Removal	22
8	Wall No.1 of Bathroom No.1 of H.No.558,(G.F.)	Plaster Removal	23
9	Roof of Bathroom No. 1 of H.No. 558, Ground Floor	Seepage	24
10	Wall No. 2 of Bathroom No. 2 of H.No.558,(G.F.)	Plaster Removal	25
11	Wall No. 4 of Bathroom No. 2 of H.No. 558,(G.F.)	Plaster Removal	26
12	Roof of Bathroom No. 2 of House No. 558, (G.F.)	Seepage	27
13	Wall No. 1 & 4 of Lobby No. 1 of House No. 558,(G.F.)	Seepage	28
14	Wall No. 3 & Roof of Lobby No. 1 of H.No. 558, (G.F.)	Seepage	29
15	Wall No. 1 of Lobby No. 3 of House No. 558,(G.F.)	Peeling of plaster	30
16	Wall No. 1 of Lobby No. 3 of House No. 558, (G.F.)	Plaster Removal	31



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

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
17	Wall No.1 & Roof of Lobby No.3 of H.No. 558,(G.F.)	Seepage	32
18	All Walls of Toilet No. 1 of House No. 558, (G.F.)	Seepage	33
19	All Walls of Toilet No. 2 of House No. 558, (G.F.)	Seepage	34
20	All Walls of Toilet No. 3 of House No. 558,(G.F.)	Seepage	35
21	Roof of Toilet No. 1, 2 & 3 of House No. 558,(G.F.)	Seepage	36
22	Wall No. 1 of Lobby No. 2 of House No. 558, (G.F.)	Seepage	37
23	Wall No. 2 of Lobby No. 2 of House No. 558, (G.F.)	Seepage	38
24	Wall No. 4 of Room No. 7 of House No. 558, (G.F.)	Seepage	39
25	Wall No. 1 of Room No. 7 of House No. 558,(G.F.)	Plaster Removal	40
26	Wall No. 3 of Room No. 7 of H.No. 558, Ground Floor	Plaster Removal	41
27	Wall No. 2 of Room No. 7 of H.No. 558, Ground Floor	Seepage	42
28	Roof of Room No. 7 of House No. 558, Ground Floor	Seepage	43
29	Wall No. 4 of Part B of Room No.1 of H.No. 558,(G.F.)	Seepage	44
30	Wall No. 1 Part B of Room No.1 of H.No. 558,(G.F.)	Seepage	45
31	Wall No. 2 Part B of Room No.1 of H.No. 558,(G.F.)	Seepage	46
32	Roof of Part A of Room No.1 of H.No. 558,(G.F.)	Seepage	47
33	Wall No. 1 Part A of Room No.1 of H.No. 558,(G.F.)	Seepage	48
34	Wall No. 3 Part A of Room No.1 of H.No. 558,(G.F.)	Seepage	49
35	Roof of Room No. 5 of House No. 558, Ground Floor	Plaster Removal	50
36	Wall No. 3 of Room No. 5 of H.No. 558, Ground Floor	Seepage	51
37	Wall No. 4 of Room No. 6 of H.No. 558, Ground Floor	Seepage	52
38	Wall No. 2 of Room No. 6 of H.No. 558, Ground Floor	Seepage	53
39	Wall No. 3 of Room No. 6 of H.No. 558, Ground Floor	Seepage	54
40	Wall No. 1 of Room No.6 of H.No. 558, Ground Floor	Seepage	55
41	Roof of Room No. 6 of House No. 558, Ground Floor	Seepage	56
42	Wall No. 3 of Courtyard of H.No. 558, Ground Floor	Peeling of plaster	57
43	Wall No. 1 of Courtyard of H.No. 558, Ground Floor	Peeling of plaster	58
44	Wall No. 2 of Courtyard of H.No. 558, Ground Floor	Peeling of plaster	59
45	Wall No. 4 of Courtyard of H.No. 558, Ground Floor	Seepage	60
46	Roof of Room No. 2 of House No. 558, Ground Floor	Seepage	61
47	Wall No. 4 of Stair GF to FF of H.No. 558, G.F.	Seepage	62
48	Wall No. 1 Stair GF to FF of H.No. 558, G.F.	Seepage	63
49	Wall No. 3 Stair GF to FF of H.No. 558, G.F.	Seepage	64
50	Wall No. 2 of Stair GF to FF of H.No.558,Ground Floor	Seepage	65
51	Roof of Stair GF to FF of H.No. 558, G.F.	Seepage	66



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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 Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
52	All Walls & Roof of Store Stair of H.No. 558, F.F.	Plaster Removal	67
53	Wall No.1, 3 & Roof of Part A of Room No.8,FirstFloor	Seepage	68
54	Wall No.2, 4 & Roof of Part A of Room No.8,FirstFloor	Seepage	69
55	Wall No.2, 4 & Roof of Part B of Room No.8,FirstFloor	Seepage	70
56	Wall No. 4 of Part B of Room No.8,First Floor	Peeling of plaster	71
57	Wall No.4 of Room No.14 of H. No.558,First Floor	Seepage	72
58	Wall No.2 of Toilet & Bath No.1 of H. No.558,F.Floor	Seepage	73
59	Wall No.1 & 4 of Room No.13 of H.No.558,First Floor	Seepage	74
60	Wall No.1 & 3 of Room No.13 of H.No.558,First Floor	Seepage	75
61	Wall No.1, 4 & Roof of Toilet-4 of Room No.13,(F.F.)	Seepage	76
62	Wall No. 2, & 4 of Bathroom No. 1 of H.No.558, (F.F.)	Plaster Removal	77
63	Wall No. 1 of Bathroom No.2 of H.No. 558,First Floor	Tiles Damage	78
64	Wall No.4 of ,Part A of Room No.11of H.No. 558 (F.F.)	Seepage	79
65	Wall No.4 of ,Part B of Room No.11of H.No. 558 (F.F.)	Plaster Removal	80
66	Wall No.4 & Roof of Part B of Room No.1 (F.F.)	Seepage	81
67	Wall No. 1, 4 & Roof of Room No.10, First Floor	Seepage	82
68	Roof of Part B of Room No. 15, First Floor	Plaster Removal	83
69	Wall No.2 of Part B of Room No.15, First Floor	Plaster Removal	84
70	All Walls of Store Room of H.No. 558, First Floor	Seepage	85
71	External Façade of House No. 558, Ground Floor	Damage	86

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Floor of Lobby No. 1 of House No. 558, (G.F.)	Covered With Tiles.	87
2	Room No. 4 of House No. 558, Ground Floor	Locked	88
3	Room No. 3 of House No. 558, Ground Floor	Locked	89
4	All Walls of Toilet & Bath No.1 of H.No. 558,First Floor	Covered With Tiles (Partialy)	90
5	All Walls of Bath of Room No.13 of H.No. 558, (F.F.)	Covered With Tiles	91
6	Room No. 9 of House No. 558, First Floor	Locked	92
7	Room No. 12 of House No. 558, First Floor	Locked	93



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



Photo 1

View of Borewell of House No. 558, Ground Floor

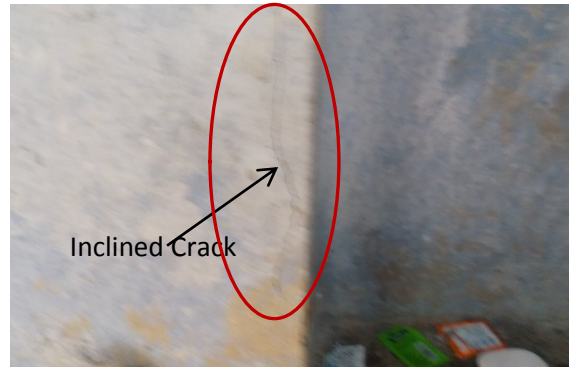


Photo 2A

Inclined Crack on Wall No.4 of Bathroom No. 1 of House No.558 Ground floor, Approx. Width=0.6mm, Approx.Length=0.3m. Distance from Wall No.1=.3m, Height from Floor=1.2m.



Photo 2B

Inclined Crack on Wall No.4 of Bathroom No. 1 of House No.558 Ground floor, Approx. Width=0.6mm, Approx.Length=0.3m. Distance from Wall No.1=.3m, Height from Floor=1.2m.

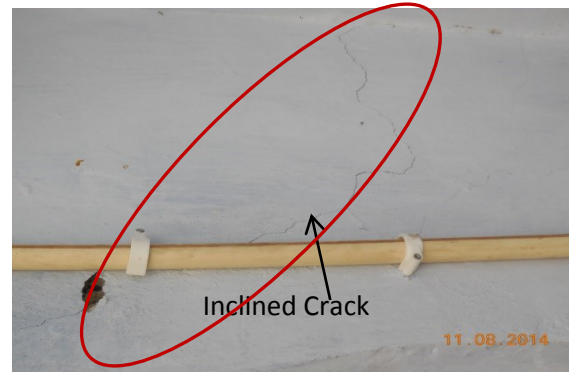


Photo 3

Inclined Crack on Wall No.2 of Courtyard of House No.558 Ground floor, Approx. Width=0.5mm, Approx.Length=1.0m. Distance from Wall No.3=1.5m, Height from Floor=2.2m.

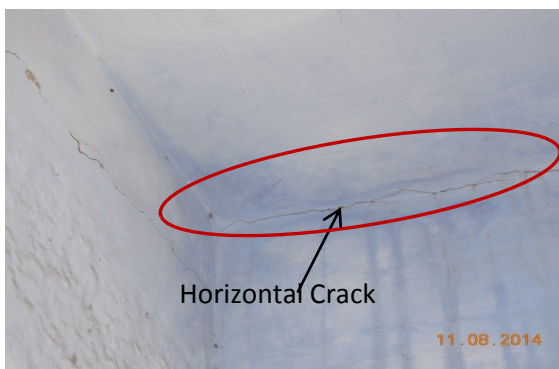


Photo 4

Horizontal Crack on Wall No.4 of Courtyard of House No.558 Ground floor, Approx. Width=0.8mm, Approx.Length=3.0m. Distance from Wall No.1=0.2m, Height from Floor=2.6m.

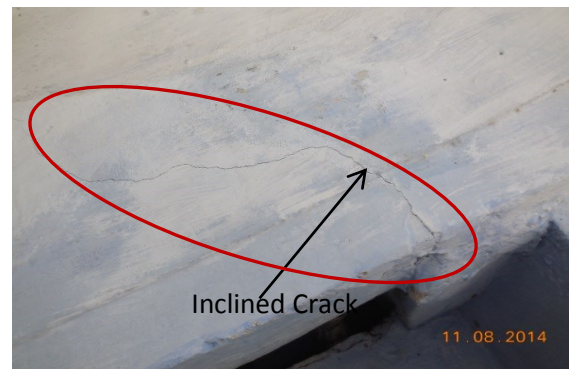


Photo 5A

Inclined Crack on Wall No.2 of Courtyard of House No.558 Ground floor, Approx. Width=0.6mm, Approx.Length=1.3m. Distance from Wall No.4=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 5B

Inclined Crack on Wall No.2 of Coatyrd of House No.558 Ground floor, Approx. Width=0.6mm, Approx.Length=1.3m. Distance from Wall No.4=1.2m, Height from Floor=1.9m.

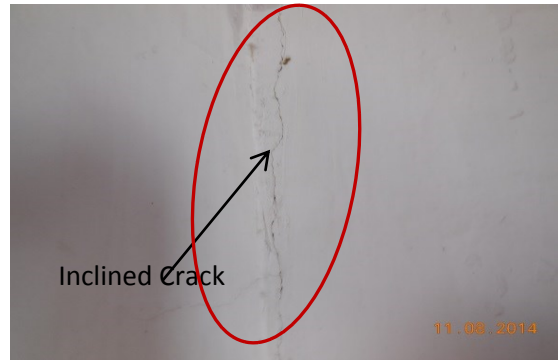


Photo 6A

Inclined Crack on Wall No.2 of Room No. 8, Part A of House No.558 First floor, Approx. Width=0.5mm, Approx.Length=2.7m. Distance from Wall No.4=0.1m, Height from Floor=0.0m.



Photo 6B

Inclined Crack on Wall No.2 of Room No. 8, Part A of House No.558 First floor, Approx. Width=0.5mm, Approx.Length=2.7m. Distance from Wall No.4=0.1m, Height from Floor=0.0m.

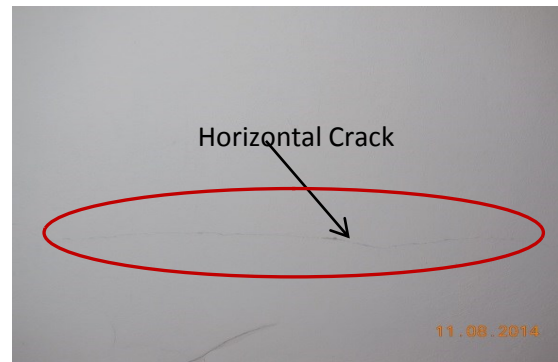


Photo 7

Horizontal Crack on Roof of Room No. 14 of House No.558 First floor, Approx. Width=0.3mm, Approx.Length=2.5m. Distance from Wall No.1=0.35m, Height from Floor=3.0m.



Photo 8A

Inclined Crack on Wall No.4 of Room No. 11, Part A of House No.558 First floor, Approx. Width=2.5mm, Approx.Length=1.5m. Distance from Wall No.1=0.3m, Height from Floor=0.7m.



Photo 8B

Inclined Crack on Wall No.4 of Room No. 11, Part A of House No.558 First floor, Approx. Width=2.5mm, Approx.Length=1.5m. Distance from Wall No.1=0.3m, Height from Floor=0.7m.



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

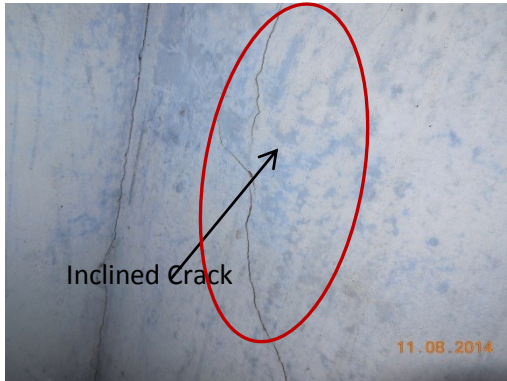


Photo 9A

Inclined Crack on Wall No.4 of Room No. 11, Part A of House No.558 First floor, Approx. Width=1.5mm, Approx.Length=1.0m. Distance from Wall No.1=0.35m, Height from Floor=0.0m.



Photo 9B

Inclined Crack on Wall No.4 of Room No. 11, Part A of House No.558 First floor, Approx. Width=1.5mm, Approx.Length=1.0m. Distance from Wall No.1=0.35m, Height from Floor=0.0m.

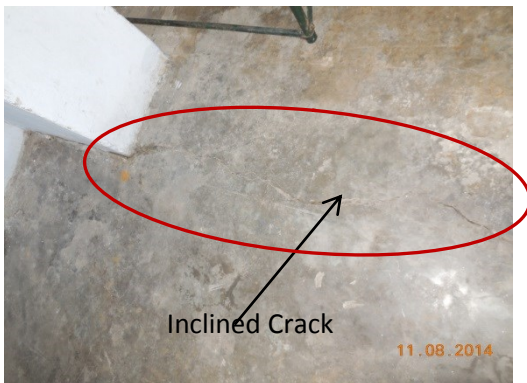


Photo 10A

Inclined Crack on Floor of Room No. 11, Part A of House No.558 First floor, Approx. Width=2.0mm, Approx.Length=2.5m. Distance from Wall No.4=0.0m, Height from Floor=0.0m.



Photo 10B

Inclined Crack on Floor of Room No. 11, Part A of House No.558 First floor, Approx. Width=2.0mm, Approx.Length=2.5m. Distance from Wall No.4=0.0m, Height from Floor=0.0m.



Photo 11A

Inclined Crack on Wall No. 3 of Corridor of House No.558 First floor, Approx. Width=1.5mm, Approx.Length=3.5m. Distance from Wall No.1=1.5m, Height from Floor=0.0m.



Photo 11B

Inclined Crack on Wall No. 3 of Corridor of House No.558 First floor, Approx. Width=1.5mm, Approx.Length=3.5m. Distance from Wall No.1=1.5m, Height from Floor=0.0m.



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

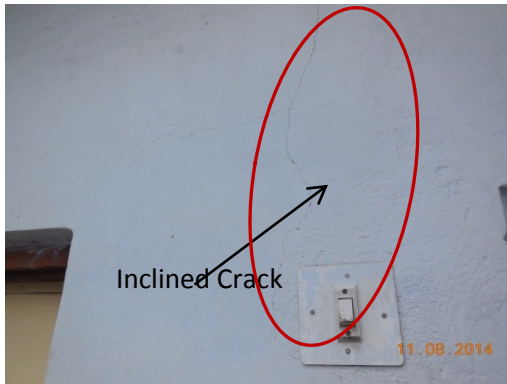


Photo 12A

Inclined Crack on Wall No. 2 of Corridor of House No.558 First floor, Approx. Width=0.4mm, Approx.Length=2.0m. Distance from Wall No.3=1.6m, Height from Floor=1.8m.



Photo 12B

Inclined Crack on Wall No. 2 of Corridor of House No.558 First floor, Approx. Width=0.4mm, Approx.Length=2.0m. Distance from Wall No.3=1.6m, Height from Floor=1.8m.

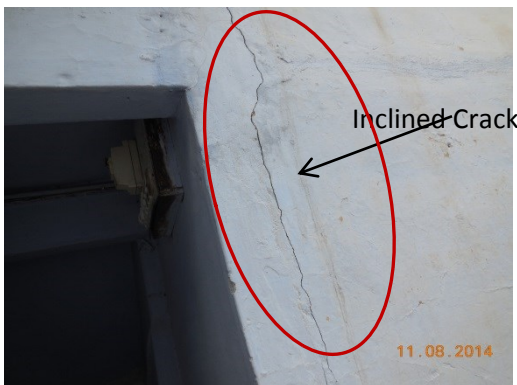


Photo 13A

Inclined Crack on Wall No. 3 of Corridor of House No.558 First floor, Approx. Width=1.0mm, Approx.Length=3.0m. Distance from Wall No.2=1.3m, Height from Floor=0.0m.



Photo 13B

Inclined Crack on Wall No. 3 of Corridor of House No.558 First floor, Approx. Width=1.0mm, Approx.Length=3.0m. Distance from Wall No.2=1.3m, Height from Floor=0.0m.

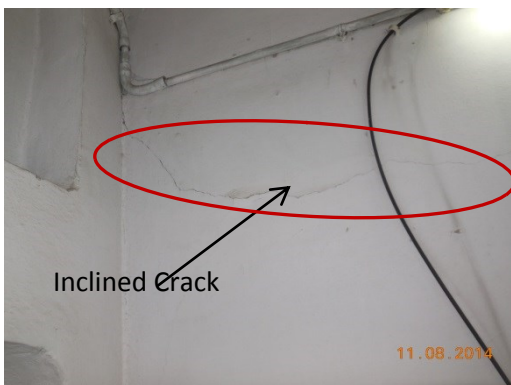


Photo 14

Inclined Crack on Wall No. 2 to 4 of Room No. 15, Part A of House No.558 First floor, Approx. Width=1.0mm, Approx.Length=4.5m. Distance from Wall No.3=0.0m, Height from Floor=1.8m.

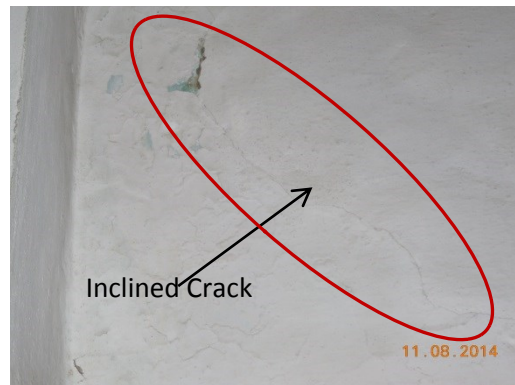


Photo 15

Inclined Crack on Wall No. 4 of Room No. 15, Part A of House No.558 First floor, Approx. Width=0.35mm, Approx.Length=1.5m. Distance from Wall No.1=1.8m, Height from Floor=2.0m.



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

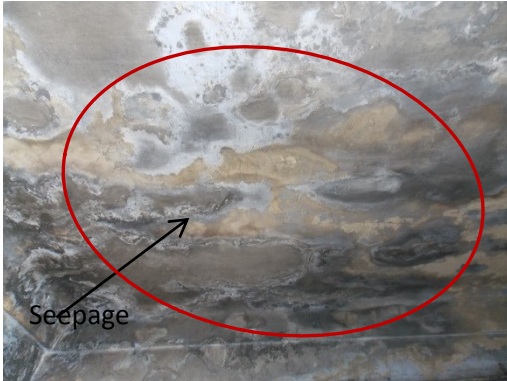


Photo 16

Seepage on Roof of Passage of House No.558, Ground floor

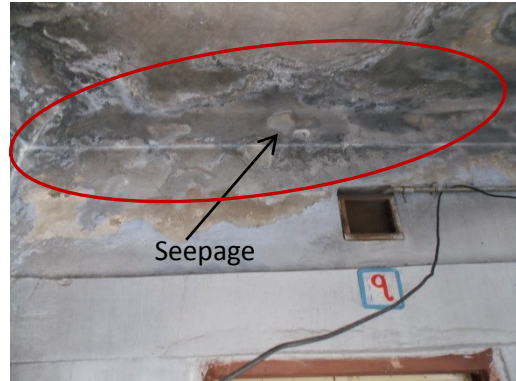


Photo 17

Dampness/Seepage on Wall No. 1 of Passage of House No.558, Ground floor



Photo 18

Peeling of Plaster on Wall No. 4 of Passage of House No.558, Ground floor

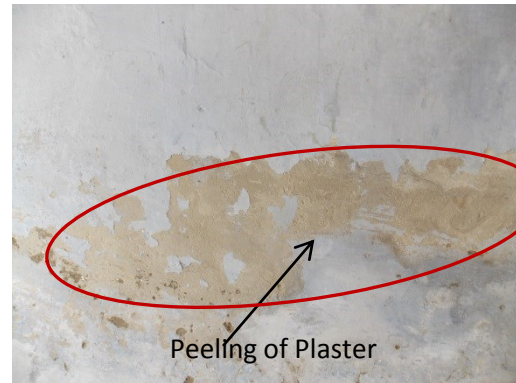


Photo 19

Peeling of Plaster on Wall No. 2 of Passage of House No.558, Ground floor

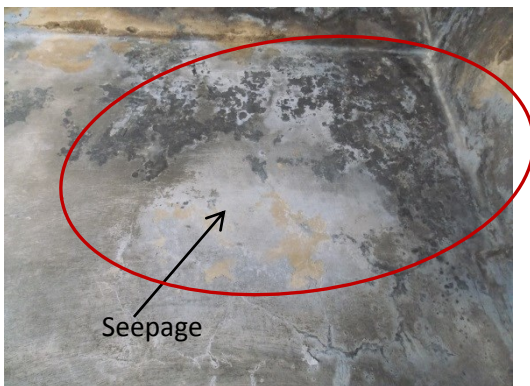


Photo 20

Seepage on Wall No. 3 of Passage of House No.558, Ground floor



Photo 21

Plaster Removal on Wall No. 3 of Passage of House No.558, Ground floor



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

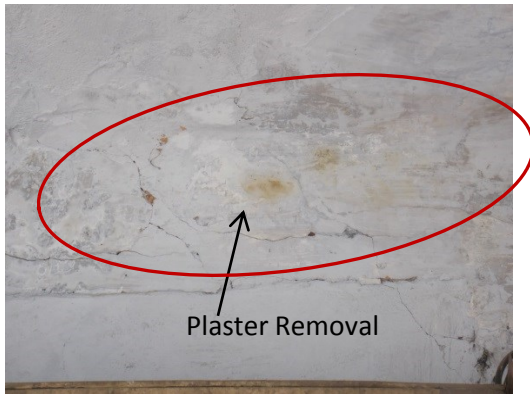


Photo 22

Plaster Removal on Wall No. 1 of Passage of House No.558, Ground floor

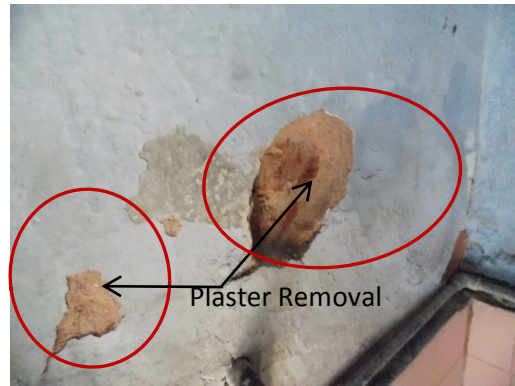


Photo 23

Plaster Removal on Wall No.1 of Bathroom No.1 of HouseNo.558, Ground floor

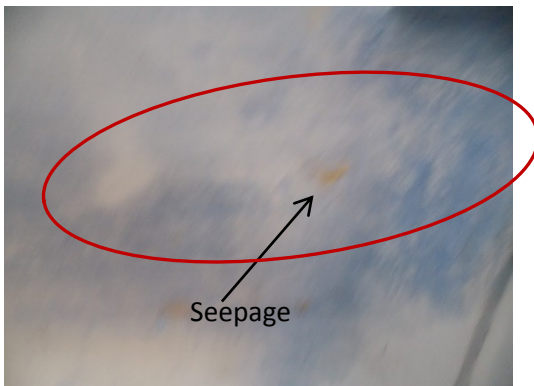


Photo 24

Seepage on Roof of Bathroom No.1 of HouseNo.558, Ground floor

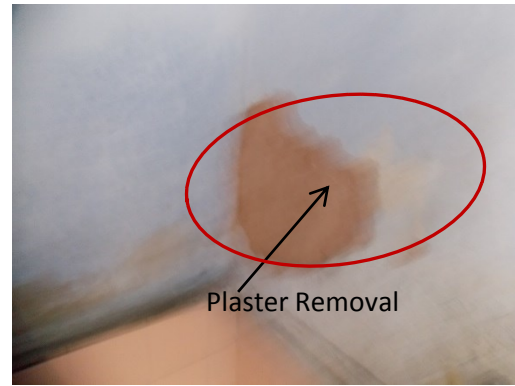


Photo 25

Plaster Removal on Wall No. 2 of Bathroom No.2 of House No.558, Ground floor



Photo 26

Plaster Removal on Wall No. 4 of Bathroom No. 2 of House No.558, Ground floor

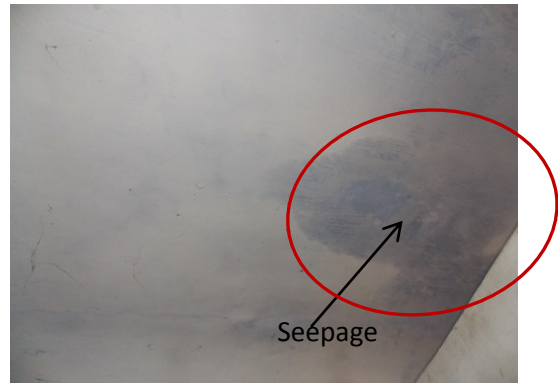


Photo 27

Dampness/Seepage on Roof of Bathroom No. 2 of House No.558, Ground floor



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

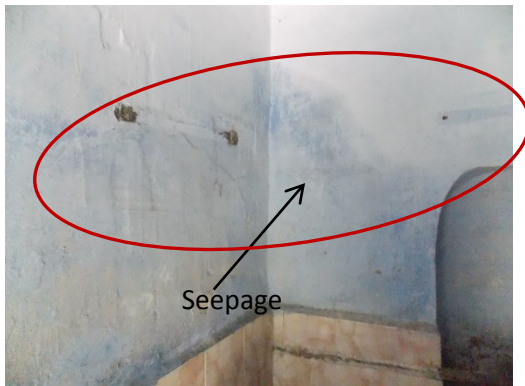


Photo 28

Seepage on Wall No. 1 & 4 of Lobby No. 1 of House No.558, Ground floor

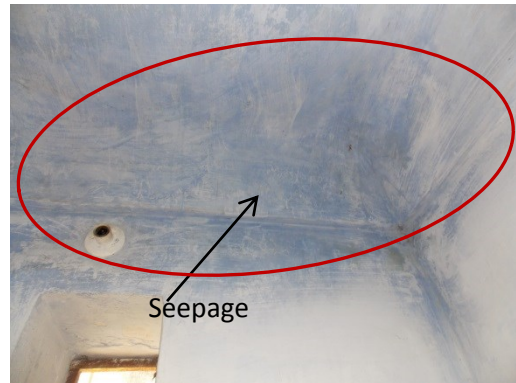


Photo 29

Seepage on Wall No. 2 & Roof of Lobby No.1 of House No.558, Ground floor

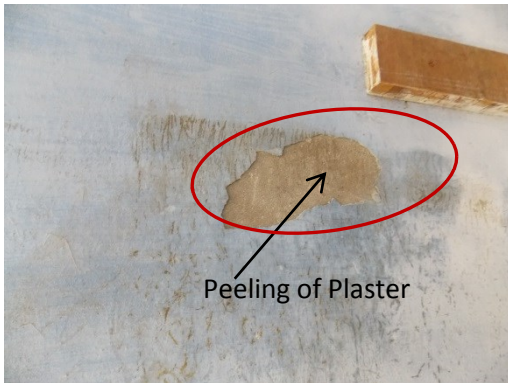


Photo 30

Peeling of Plaster on Wall No. 1 of Lobby No. 3 of House No.558, Ground floor

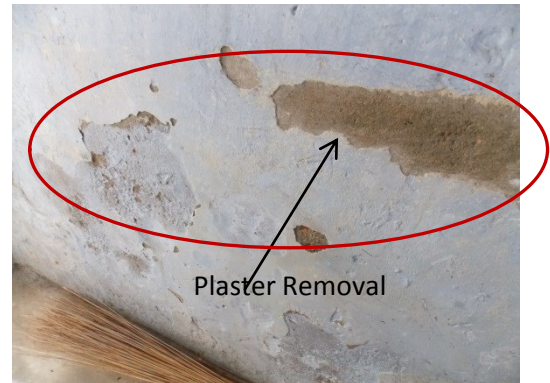


Photo 31

Plaster Removal on Wall No. 1 of Lobby No. 3 of House No.558, Ground floor

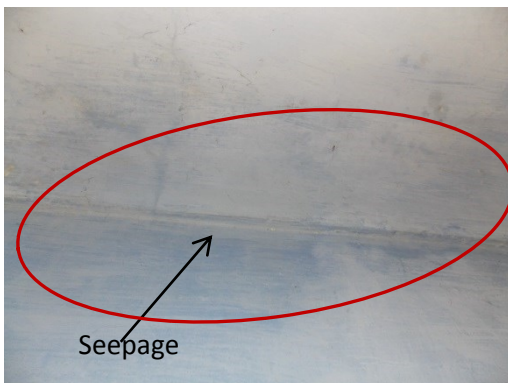


Photo 32

Seepage on Wall No. 2 & Roof of Lobby No. 3 of House No.558, Ground floor

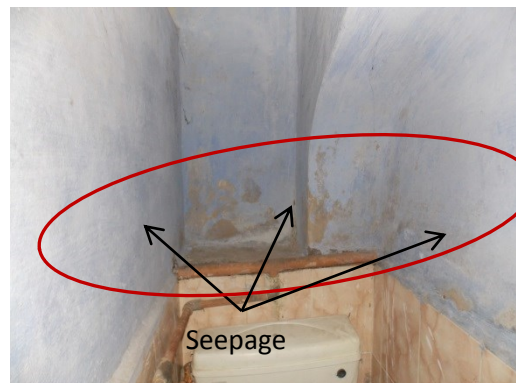


Photo 33

Seepage on All Walls of Toilet No. 1 of Lobby No. 2 of H.No.558, Ground floor



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



Photo 34

Seepage on All Walls of Toilet No. 2 of Lobby No.2 of H.No.558, Ground floor



Photo 35

Seepage on All Walls of Toilet No. 3 of Lobby No. 2 of H.No.558, Ground floor



Photo 36

Seepage on Roof of Toilet No. 1, 2 & 3 of Lobby No.2 of H.No.558, Ground floor

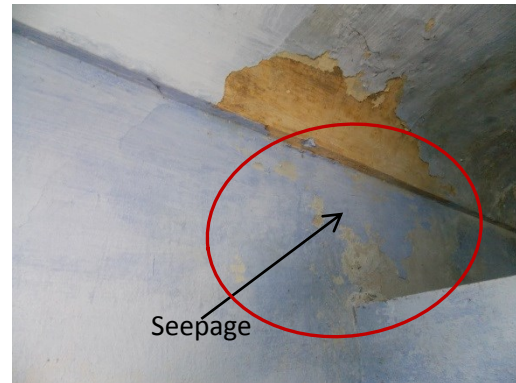


Photo 37

Seepage on Wall No.1 of Lobby No.2 of H. No.558, Ground floor

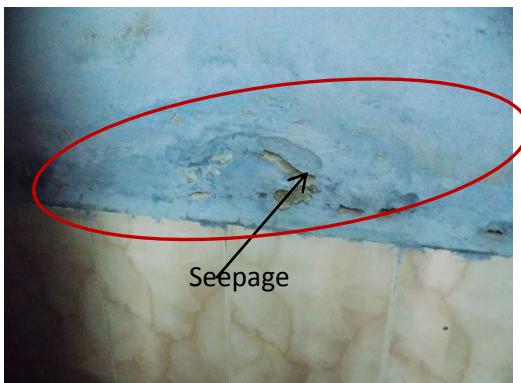


Photo 38

Seepage on Wall No.2 of Lobby No.2 of H.No.558, Ground floor

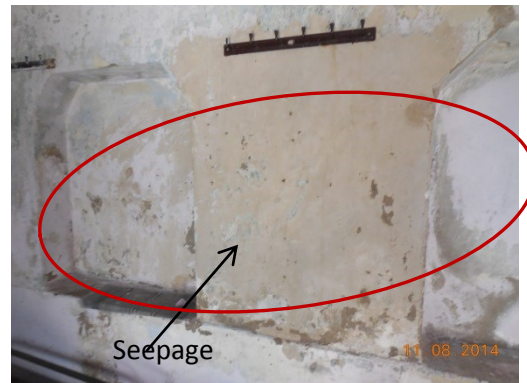


Photo 39

Seepage on Wall No.4 of Room No.7 of H. No.558, Ground floor



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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 40

Plaster Removal on Wall No. 1 of Room No. 7 of House No.558, Ground floor



Photo 41

Plaster Removal on Wall No. 3 of Room No. 7 of House No.558, Ground floor

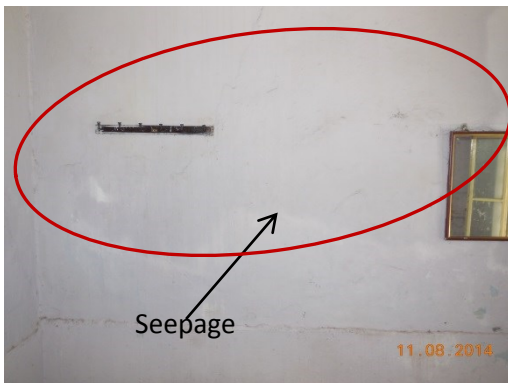


Photo 42

Seepage on Wall No.2 of Room No.7 of H.No.558, Ground floor

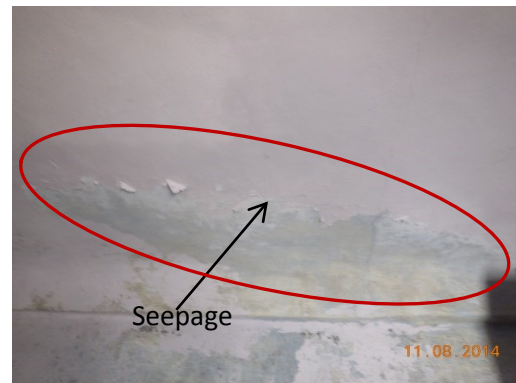


Photo 43

Seepage on Roof of Room No. 2 of House No.558, Ground floor

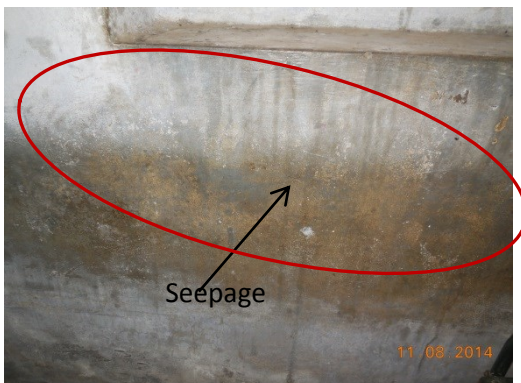


Photo 44

Seepage on Wall No.4 of Part B of Room No.1 of House No.558, Ground floor



Photo 45

Seepage on Wall No.1 of Part B of Room No.1 of House No.558, Ground floor



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



Photo 46

Seepage on Wall No. 2 of Part B of Room No. 1 of H.No.558, Ground floor

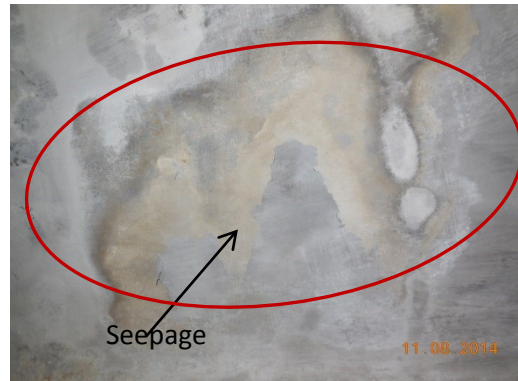


Photo 47

Seepage on Roof of Part A of Room No. 1 of H.No.558, Ground floor

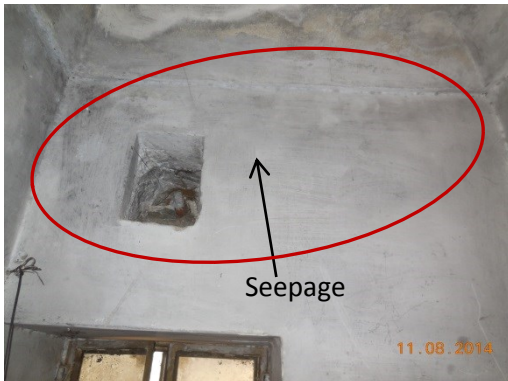


Photo 48

Seepage on Wall No. 1 of Part A of Room No. 1 of H.No.558, Ground floor

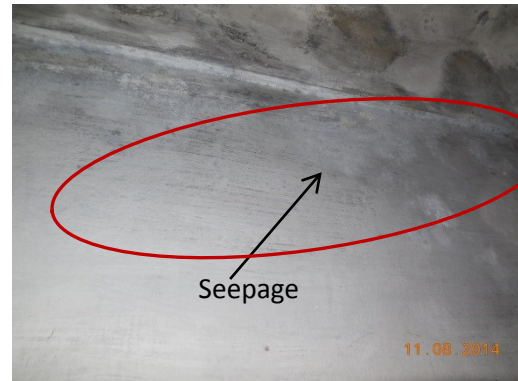


Photo 49

Seepage on Wall No. 3 of Part A of Room No. 1 of H.No.558, Ground floor

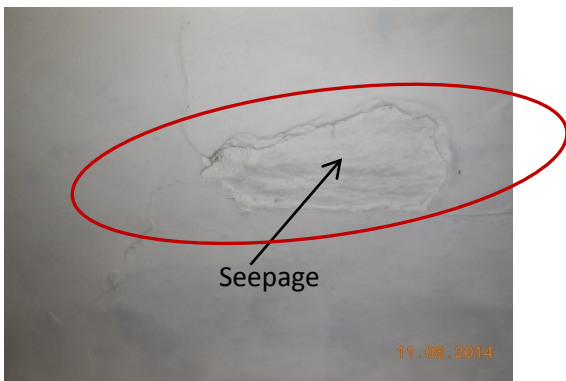


Photo 50

Damage on Roof of Room No. 5 of House No.558, Ground floor

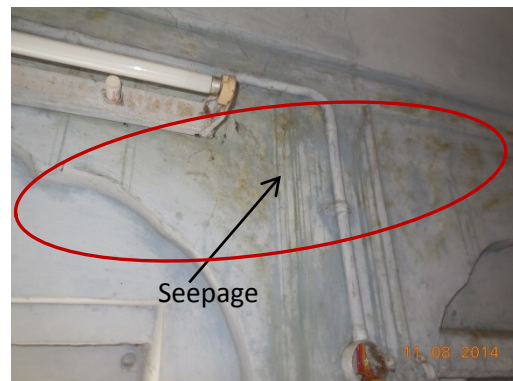


Photo 51

Seepage on Wall No. 3 of Room No. 5 of H.No.558, Ground floor



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

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Photo 52

Seepage on Wall No. 4 of Room No. 6 of H.No.558, Ground floor



Photo 53

Seepage on Wall No.2 of Room No. 6 of H.No.558, Ground Floor



Photo 54

Seepage on Wall No.3 of Room No.6 of H.No.558, Ground floor



Photo 55

Seepage on Wall No.1 of Room No.6 of H.No.558, Ground floor



Photo 56

Seepage on Roof of Room No. 6 of House No.558, Ground floor

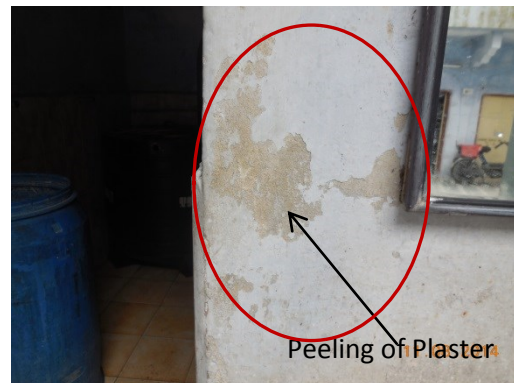


Photo 57

Peeling of Plaster on Wall No. 3 of Courtyard of House No.558, Ground floor



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



Photo 58

Peeling of Plaster on Wall No. 2 of Courtyard of House No.558, Ground floor

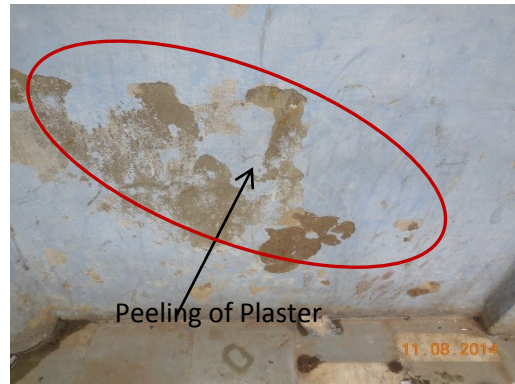


Photo 59

Peeling of Plaster on Wall No. 1 of Courtyard of House No.558, Ground floor



Photo 60

Seepage on Wall No.4 of Courtyard of H.No.558, Ground floor

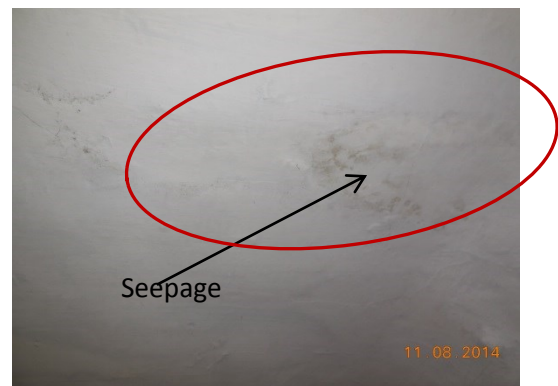


Photo 61

Seepage on Roof of Room No. 2 of House No.558, Ground floor

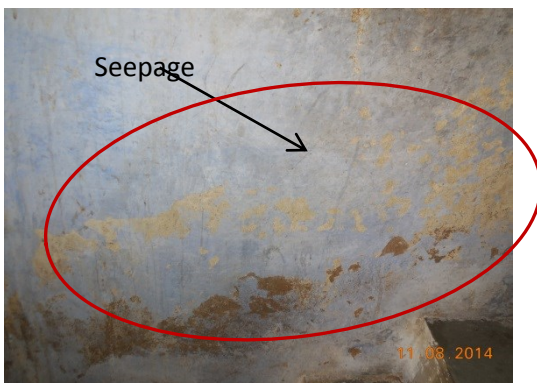


Photo 62

Seepage on Wall No.4 of Stair GF to FF of H.No.558,Ground Floor

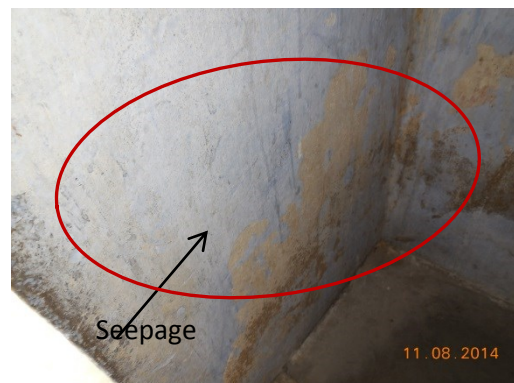


Photo 63

Seepage on Wall No.1 of Stair GF to FF of H.No.558,Ground Floor



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

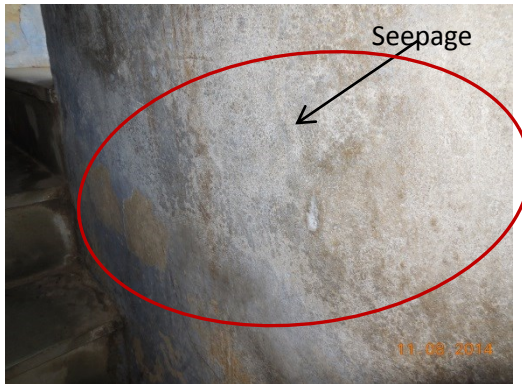


Photo 64

Seepage on Wall No.3 of Stair GF to FF of H.No.558, Ground Floor



Photo 65

Seepage on Wall No.2 Stair GF to FF of H.No.558, Ground Floor



Photo 66

Seepage on Roof of Stair GF to FF of H.No.558, Ground Floor

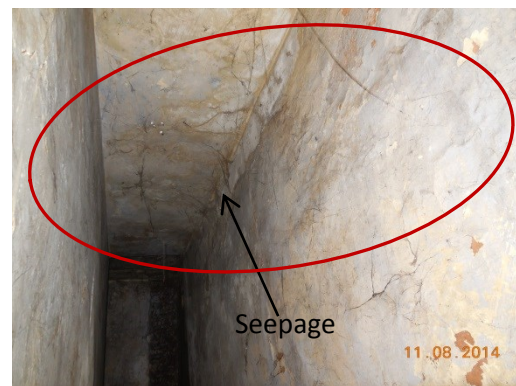


Photo 67

Seepage on All Walls & Roof of Stair of H.No.558, First floor



Photo 68

Seepage on Wall No.1,3 &Roof of Part A of Room No. 8, First floor

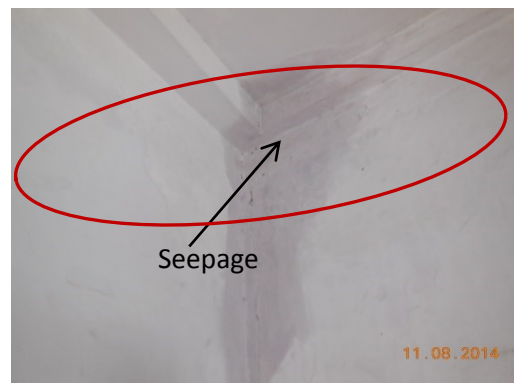


Photo 69

Seepage on Wall No.2,4 &Roof of Part A of Room No.8, First floor



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



Photo 70

Seepage on Wall No.2 & Roof of Part B of Room No.8, First floor



Photo 71

Peeling of Plaster on Wall No.4 of Part B of Room No.8, First floor



Photo 72

Seepage on Wall No.4 of Room No.14 of H.No.558, First floor



Photo 73

Seepage on Wall No.2 of Toilet & Bath No.1 of H.No.558, First floor



Photo 74

Seepage on Wall No.1 & 4 of Room No.13 of H. No.558, First floor



Photo 75

Seepage on Wall No.1 & 3 of Room No.13 of H. No.558, First floor



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



Photo 76

Seepage on Wall No. 1 & 4 & Roof of Toilet No. 4 of Room No.13 of H.No.558, First floor



Photo 77

Plaster Removal on Wall No.2 & 4 of Bathroom No.1 of H.No.558, First floor



Photo 78

Tiles Damage on Wall No. 1 of Bathroom No. 2 of H.No.558, First Floor



Photo 79

Seepage on Wall No.4 of Part A of Room No.11 of H. No.558, First Floor



Photo 80

Plaster Removal on Wall No. 4 of Part B of Room No.11 of H.No.558, First floor



Photo 81

Seepage on Wall No.4 & Roof of Part B of Room No.11 of H.No.558, First floor



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Photo 82

Seepage on Wall No. 1, 4 & Roof of Room No.10 of H.No.558, First floor



Photo 83

Plaster Removal on Roof of Room No. 15, Part B of House No.558, First floor

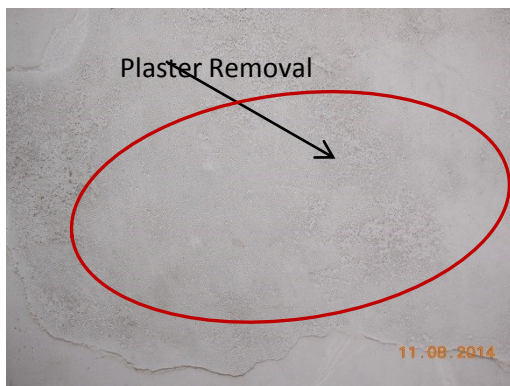


Photo 84

Plaster Removal on Wall No. 2 of Room No. 15, Part B of House No.558, First floor



Photo 85

Seepage on All Walls of Store of House No.558, First floor



Photo 86

Damage on External Façade of House No.558, Ground floor

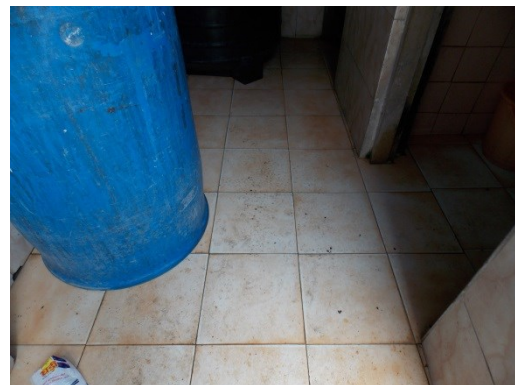


Photo 87

Covered With Tils of Floor of Lobby No. 1 of House No.558, Ground floor



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

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Photo 88

Locked Room No. 4 of House No. 558, Ground floor



Photo 89

Locked Room No. 3 of House No. 558, Ground floor



Photo 90

All Walls Covered With Tils (Partially Y) of Toilet & Bathroom No. 1 of House No. 558, First floor



Photo 91

All Walls Covered With Tils of Bathroom of Room No. 13 of House No. 558, First floor



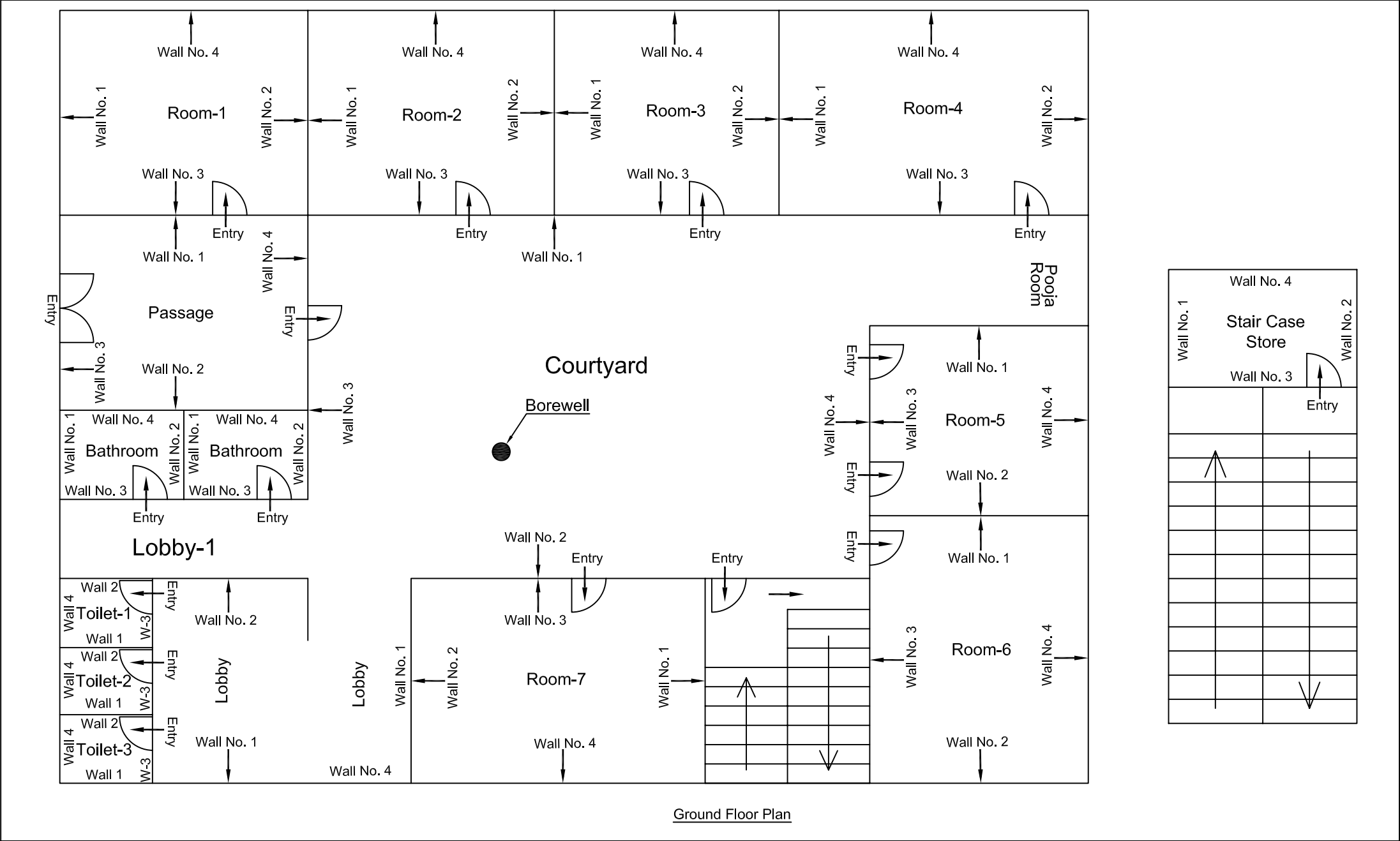
Photo 92

Locked Room No. 9 of House No. 558, First floor



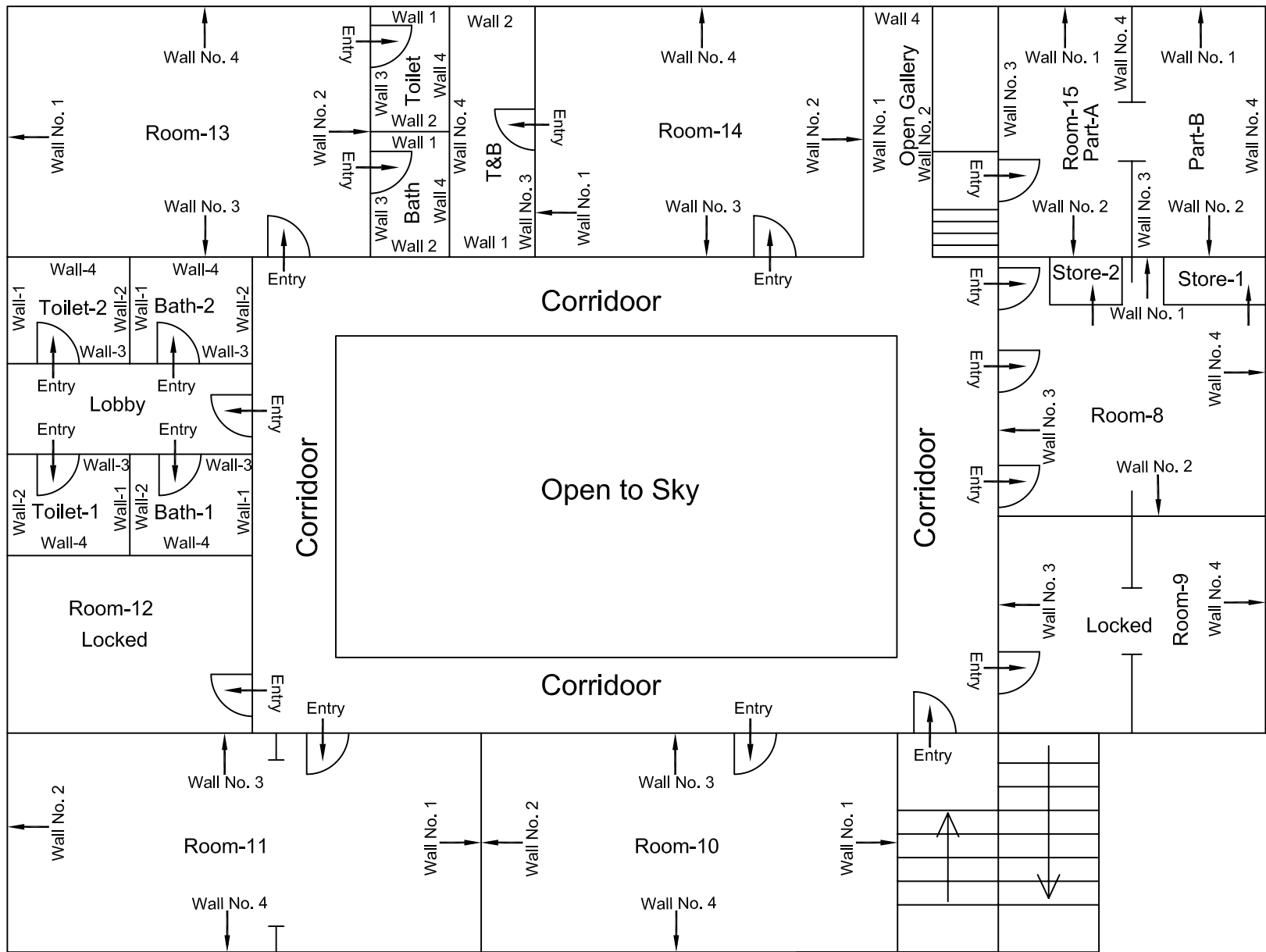
Photo 93

Locked Room No. 12 of House No. 558, First floor



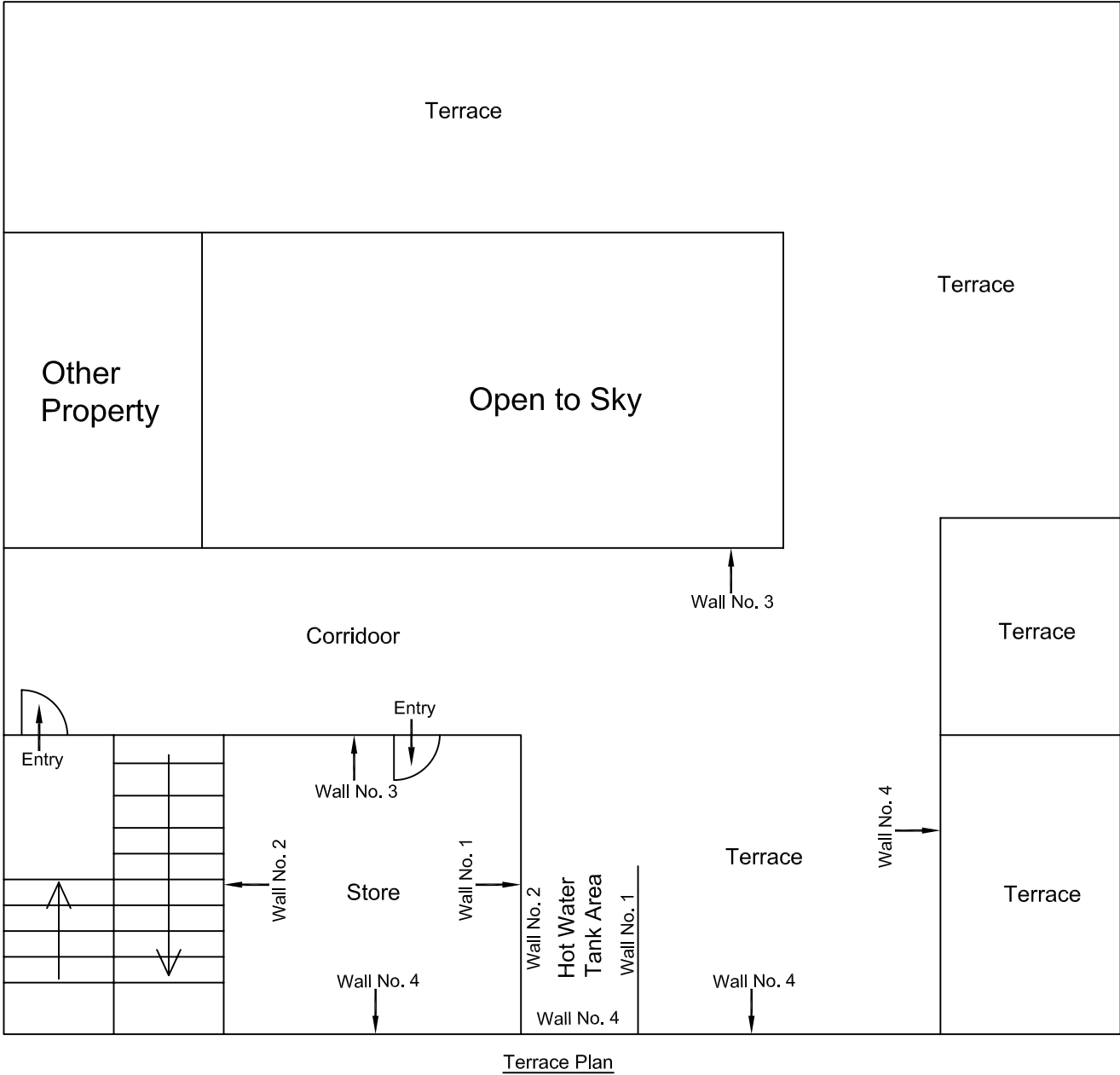
Ground Floor Plan

					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	
								DRAWING TITLE: Ground Floor Plan of House No.558 Jalal Munshi Ka Rasta Chandpol Bazar	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0044/ FF/01
00		NP	Dr. PRC	16.11.2013				SCALE: Not to Scale	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date	CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B			



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	
								DRAWING TITLE: First Floor Plan of House No.558 Jalal Munshi Ka Rasta Chandpol Bazar	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0044/ FF/ 02
00		NP	Dr. PRC	16.11.2013	CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		SCALE: Not to Scale	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date					



Terrace 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	
								DRAWING TITLE: Terrace Plan of House No.558 Jalal Munshi Ka Rasta Chandpol Bazar	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0044/ FF/03
00		NP	Dr. PRC	16.11.2013				SCALE: Not to Scale	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date	CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B			



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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



Above Shop No. 2 to 6
Chandpole Bazaar
Jaipur
Unique ID:CP-CC/UP/0004

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0004-FF & CP-CC/UP/0004-SF-TF/01, Rev. 00, Dated: June 2014

Building Owner
Contractor

Mr. Pavan Jaipuria
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	8/9/2014	
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. The structure was constructed in year 1914 and is 100 years old.

There are 62 defects in the structure out of which 16 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	Crack Meter
Negligible (< 0.1mm)	0	0%	Not Required
Very Slight (0.1 to 1mm)	12	75%	Required
Slight (1 to 5mm)	3	19%	Required
Moderate (5 to 15mm)	1	6%	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
CP-CC/UP/0004-FF	Above Shop No. 2 to 6	Mr. Pavan Jaipuria	
CP-CC/UP/0004-SF-TF	Above Shop No. 2 to 6	Mr. Pavan Jaipuria	



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	House above Shop No. 2 to 6
2	Building Address	Above Shop No. 2 to 6, Chandpole Bazaar, Jaipur
3	Year of Construction	1914
4	Number of Floors	G+4
5	Number of Basements	Not known
6	Type of Building	Residential+Commercial
7	Approximate Height	15m
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.1 of Staircase G.F. to F.F. (Ground Floor)	Inclined	1	1.2	Very Slight	7A & 7B
1	Wall No.1 of Lobby No.2 (First Floor)	Inclined	0.4	1	Very Slight	8A & 8B
3	Outer wall of Muthoot Finance (First Floor)	Inclined	0.3	1	Very Slight	9
4	Wall No. 4 of Gallery (Second Floor)	Inclined	9	0.9	Moderate	10A & 10B
5	Wall No. 4 of Gallery (Second Floor)	Inclined	1	1	Very Slight	11A & 11B
6	Wall No. 4 of Hall No.1 (Second Floor)	Inclined	1	1.7	Very Slight	12A & 12B
7	Wall No. 4 of Hall No.1 (Second Floor)	Inclined	0.35	0.8	Very Slight	13
8	Wall No. 4 of Hall No.1 (Second Floor)	Inclined	0.35	0.4	Very Slight	14
9	Roof of Hall No.1 (Second Floor)	Inclined	0.5	0.8	Very Slight	15
10	Wall No.3 of Room No.1 (Third Floor)	Inclined	1	1	Very Slight	16A & 16B
11	Wall No.4 of Staircase T.F. to 4th Floor (Fourth Floor)	Inclined	0.8	1	Very Slight	17A & 17B
12	Wall No.4 of Lobby (Fourth Floor)	Inclined	1.5	2.5	Slight	18A, B & C
13	Wall No.1 of Teenshade Room (Fourth Floor)	Inclined	0.5	0.8	Very Slight	19A & 19B
14	Wall No.2 of Teenshade Room (Fourth Floor)	Inclined	0.8	2	Very Slight	20A & 20B
15	External Façade of Second Floor (First Floor)	Inclined	2	1	Slight	21
16	External Façade of Third Floor (First Floor)	Inclined	2	1.3	Slight	22

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Outer Wall of Muhtoot Finance, First Floor	Seepage	23
2	Outer Wall of Muhtoot Finance, First Floor	Plaster Damage	24
3	Wall No.2 of Lobby No. 2, First Floor	Peeling of Plaster	25
4	Wall No.1 of Lobby No. 2, First Floor	Peeling of Plaster	26
5	Wall No.1 of Lobby No. 2, First Floor	Plaster Crack	27
6	Wall No.6 of Lobby No. 2, First Floor	Peeling of Plaster	28
7	Wall No.4 of Lobby No. 2, First Floor	Plaster Crack	29
8	Wall No.4 of Lobby No. 2, First Floor	Repairing Work	30
9	Wall No.4 of FF to MSN Floor, First Floor	Peeling of Plaster	31A & 31B
10	Steps of MSN Floor to S.F., Mezzanine Floor	Tiles Damage	32
11	Roof of Room No.4, Second Floor	Seepage	33
12	Roof of Room No.5, Second Floor	Seepage	34
13	Wall No.2 of Room No.5, Second Floor	Peeling of Plaster	35
14	Roof of Hall No.2, Second Floor	Peeling of Plaster	36
15	Roof of Hall No.2, Second Floor	Seepage	37
16	Roof of Hall No.2, Second Floor	Plaster Crack	38



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

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
17	Wall No. 3 of Gallery (Second Floor)	Repairing Work	39
18	Roof of Hall No.1 (Second Floor)	Seepage	40
19	Wall No.4 of Hall No.1 (Second Floor)	Peeling of Plaster	41
20	Wall No.4 of Hall No.1 (Second Floor)	Plaster Removal	42
21	Wall No.4 of Room No.3 (Second Floor)	Peeling of Plaster	43
22	Roof of Room No.1 (Third Floor)	Peeling of Plaster	44
23	Roof of Room No.1 (Third Floor)	Seepage	45
24	Wall No.1 of Room No.1 (Third Floor)	Peeling of Plaster	46
25	Wall No.3 of Room No.1 (Third Floor)	Plaster Crack	47
26	Wall No.4 of Room No.1 (Third Floor)	Peeling of Plaster	48
27	Roof of Kitchen No.1 (Third Floor)	Peeling of Plaster	49
28	Roof of Kitchen No.1 (Third Floor)	Seepage	50
29	Wall No.2 of Kitchen No.1 (Third Floor)	Peeling of Plaster	51
30	Wall No.1 of Kitchen No.1 (Third Floor)	Peeling of Plaster	52
31	Wall No.4 of Kitchen No.1 (Third Floor)	Plaster Removal	53
32	Wall No.4 of Kitchen No.1 (Third Floor)	Plaster Crack	54
33	Wall No.3 of Kitchen No.1 (Third Floor)	Plaster Crack	55
34	Wall No.4 of Stair T.F. to 4th F. (4th Floor)	Plaster Removal	56
35	Wall No.4 of Stair T.F. to 4th F. (4th Floor)	Plaster Crack	57
36	Wall No.4 of Stair T.F. to 4th F. (4th Floor)	Plaster Removal	58
37	Wall No.4 of Stair T.F. to 4th F. (4th Floor)	Peeling of Plaster	59
38	Roof of Stair T.F. to 4th F. (4th Floor)	Peeling of Plaster	60
39	Wall No.3 of Stair T.F. to 4th F. (4th Floor)	Peeling of Plaster	61
40	Roof of Lobby (4th Floor)	Plaster Removal	62
41	Wall No.1 of Lobby (4th Floor)	Peeling of Plaster	63
42	All Walls of Toilet No.1 (4th Floor)	Peeling of Plaster	64
43	Wall No.1 & 4 of Toilet No.2 (4th Floor)	Peeling of Plaster	65
44	Wall No.3 of Tinshade Room (4th Floor)	Peeling of Plaster	66
45	Wall No.1 of Tinshade Room (4th Floor)	Peeling of Plaster	67
46	Wall No.4 of Tinshade Room (4th Floor)	Damage	68



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

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Room No.4, First Floor	Locked	69
2	Wall No.2 of Lobby No. 2, First Floor	Covered with wooden Work	70
3	Roof of Office Room, Second Floor	Covered with wooden Ceiling	71
4	Wall No.1 of Office Room, Second Floor	Covered with wooden Work	72
5	Wall No.2 of Office Room, Second Floor	Covered with wooden Work	73
6	Roof of Lobby, Second Floor	Covered with wooden Work	74
7	Room No.6, Second Floor	Locked	75
8	Roof of Gallery, Second Floor	Covered with wooden Ceiling	76
9	Room No.2, Second Floor	Locked	77
10	Room No.1, Second Floor	Locked	78
11	Room, Second Mezzanine Floor	Locked	79
12	Roof of Room No.2, Third Floor	Covered with wooden Ceiling	80
13	All Walls of Room No.2, Third Floor	Covered with wooden Work	81
14	Roof of Room No.4, Third Floor	Covered with wooden Ceiling	82
15	Wall No. 1 & 4 of Room No.2, Third Floor	Covered with wooden Work	83
16	Wall No. 2 & 4 of Room No.2, Third Floor	Covered with wooden Work	84
17	Roof of Room No.3, Third Floor	Covered with wooden Ceiling	85
18	All Walls of Room No.3, Third Floor	Covered with Materials	86
19	Closed Area, Third Floor	Locked	87
20	All Walls & Floor of Toilet No.3, Fourth Floor	Covered with Tiles	88
21	Roof of Toilet No.3, Fourth Floor	Tin Shade	89



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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

View of House above Shop No. 2 to 6 , First Floor



Photo 2

View of Hall, First Floor



Photo 3

View of Room No.1, First Floor



Photo 4

View of Muthoot Finance, First Floor



Photo 5

View of Tinshade Room No.2, Fourth Floor

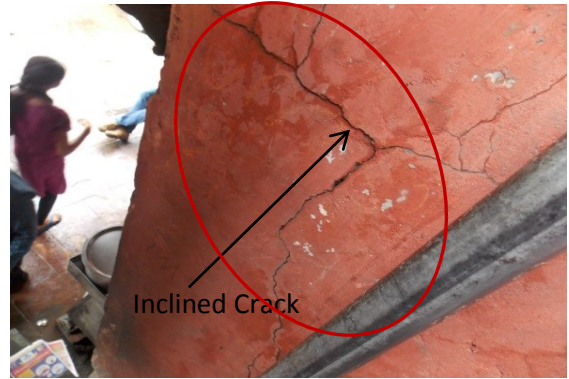


Photo 6A

Inclined Crack on Wall No.1 of Stair GF to FF, (First Floor)
Approx. Width = 1.0mm, Approx. Length = 1.20m.
Distance from Wall No. 3 = 0.30m, Height from Floor = 0m.



Photo 6B

Inclined Crack on Wall No.1 of Stair GF to FF, (First Floor)
Approx. Width = 1.0mm, Approx. Length = 1.20m.
Distance from Wall No. 3 = 0.30m, Height from Floor = 0m.

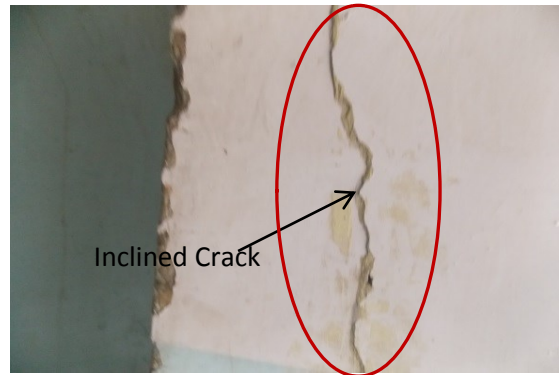


Photo 7A

Inclined Crack on Wall No.1 of Lobby, (First Floor)
Approx. Width = 0.40mm, Approx. Length = 1.0m.
Distance from Wall No. 3 = 2.90m, Height from Floor = 0.8m.

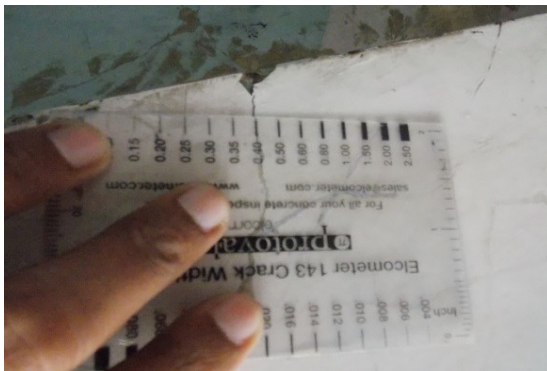


Photo 7B

Inclined Crack on Wall No.1 of Lobby, (First Floor)
Approx. Width = 0.40mm, Approx. Length = 1.0m.
Distance from Wall No. 3 = 2.90m, Height from Floor = 0.8m.

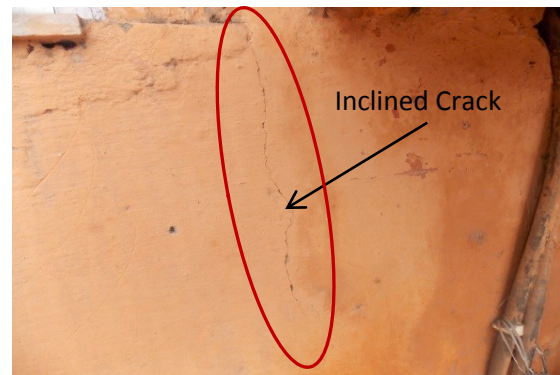


Photo 9A

Inclined Crack on Outerwall of Muthoot Finance (First Floor)
Approx. Width = 0.30mm, Approx. Length = 1.0m.
Distance from R.H.S.Wall= 2.90m, Height from Floor = 0.90m.



Photo 9B

Inclined Crack on Outerwall of Muthoot Finance (First Floor)
Approx. Width = 0.30mm, Approx. Length = 1.0m.
Distance from R.H.S.Wall= 2.90m, Height from Floor = 0.90m.



Photo 10A

Inclined Crack on Wall No. 4 of Gallery (Second Floor),
Approx. Width = 9.0mm, Approx. Length = 0.9m.
Distance from Wall No.1= 7.0m, Height from Floor = 0m.



Photo 10B

Inclined Crack on Wall No. 4 of Gallery (Second Floor),
Approx. Width = 9.0mm, Approx. Length = 0.9m.
Distance from Wall No.1= 7.0m, Height from Floor = 0m.



Photo 11A

Inclined Crack on Wall No. 4 of Gallery (Second Floor),
Approx. Width = 1.0mm, Approx. Length = 1.0m.
Distance from Wall No.1= 5.0m, Height from Floor = 0m.

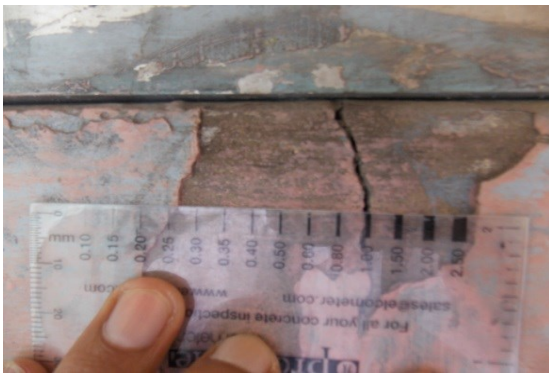


Photo 11B

Inclined Crack on Wall No. 4 of Gallery (Second Floor)
Approx. Width = 1.0mm, Approx. Length = 1.0m.
Distance from Wall No.1= 5.0m, Height from Floor = 0m.



Photo 12A

Inclined Crack on Wall No. 4 of Hall No.1 (Second Floor)
Approx. Width = 1.0mm, Approx. Length = 1.70m.
Distance from Wall No.2= 0.1m, Height from Floor = 0m.



Photo 12B

Inclined Crack on Wall No. 4 of Hall No.1 (Second Floor)
Approx. Width = 1.0mm, Approx. Length = 1.70m.
Distance from Wall No.2= 0.1m, Height from Floor = 0m.

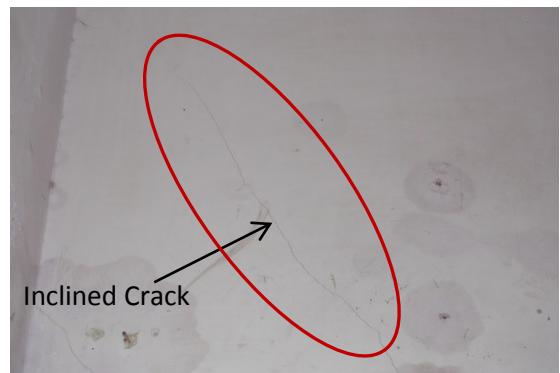


Photo 13

Inclined Crack on Wall No. 4 of Hall No.1 (Second Floor)
Approx. Width = 0.35mm, Approx. Length = 0.80m.
Distance from Wall No.2= 0.4m, Height from Floor = 2.0m.

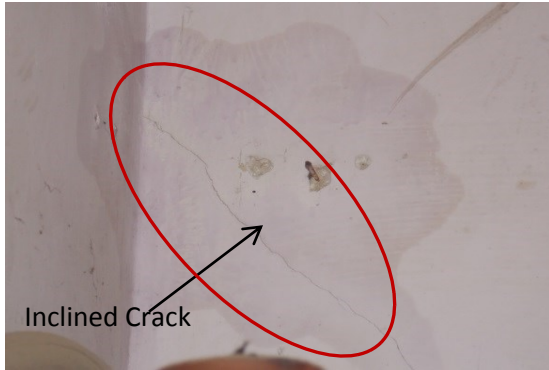


Photo 14

Inclined Crack on Wall No. 4 of Hall No.1 (Second Floor)
Approx. Width = 0.35mm, Approx. Length = 0.40m.
Distance from Wall No.2= 0.9m, Height from Floor = 2.0m.

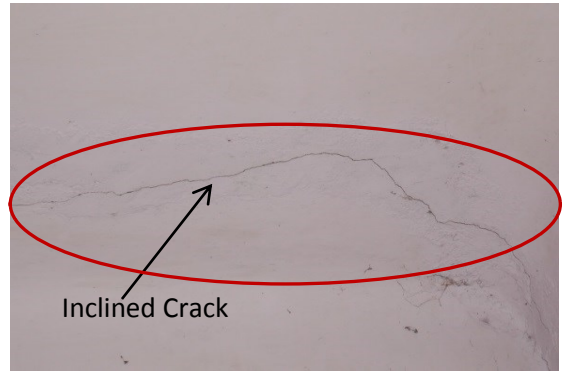


Photo 15

Inclined Crack on Roof of Hall No.1 (Second Floor)
Approx. Width = 0.50mm, Approx. Length = 0.80m.
Distance from Wall No.2= 0m, Height from Floor = 3.0m.

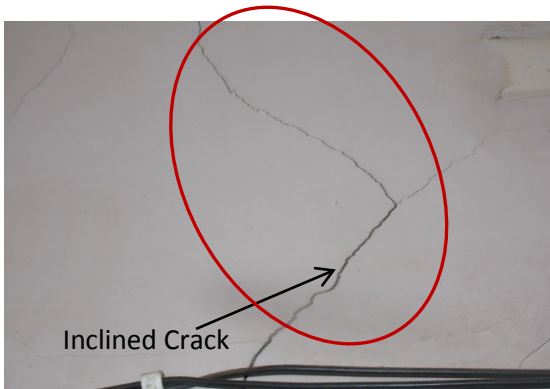


Photo 16A

Inclined Crack on Wall No.3 of Room No.1 (Third Floor)
Approx. Width = 1.0mm, Approx. Length = 1.0m.
Distance from Wall No.2= 2.50m, Height from Floor = 2.0m.

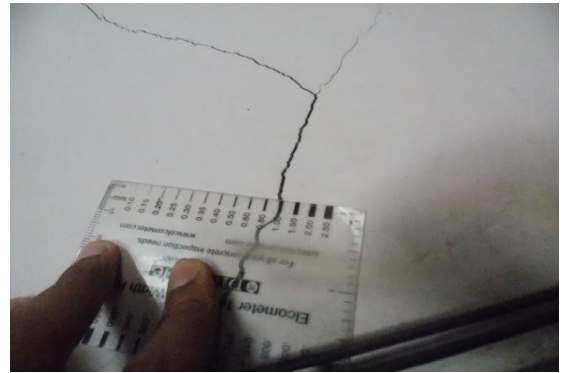


Photo 16B

Inclined Crack on Wall No.3 of Room No.1 (Third Floor)
Approx. Width = 1.0mm, Approx. Length = 1.0m.
Distance from Wall No.2= 2.50m, Height from Floor = 2.0m.

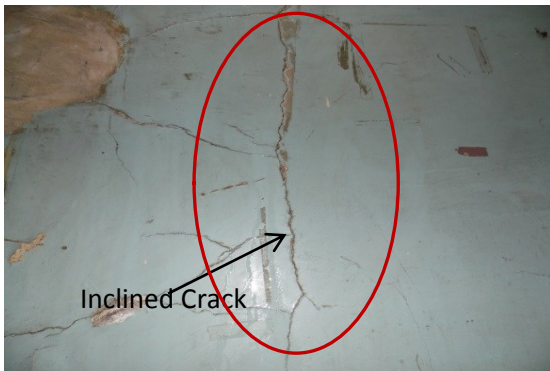


Photo 17A

Inclined Crack on Wall No.4 of Stair T.F. to 4th F.(Fourth Floor)
Approx. Width = 0.8mm, Approx. Length = 1.0m.
Distance from Wall No.1= 2.40m, Height from Floor = 2.0m.



Photo 17B

Inclined Crack on Wall No.4 of Stair T.F. to 4th F.(Fourth Floor)
Approx. Width = 0.8mm, Approx. Length = 1.0m.
Distance from Wall No.1= 2.40m, Height from Floor = 2.0m.

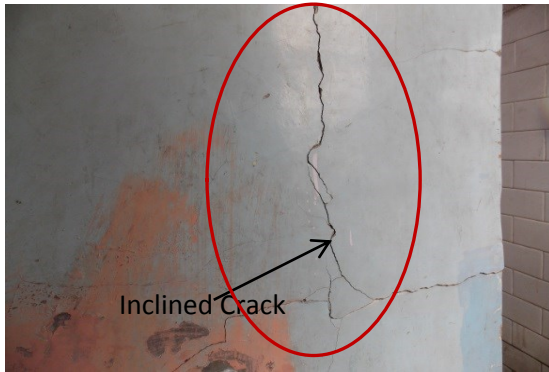


Photo 18A

Inclined Crack on Wall No.4 of Lobby (Fourth Floor)
Approx. Width = 1.5mm, Approx. Length = 2.5m.
Distance from Wall No.1 = 1.2m, Height from Floor = 0.2m.

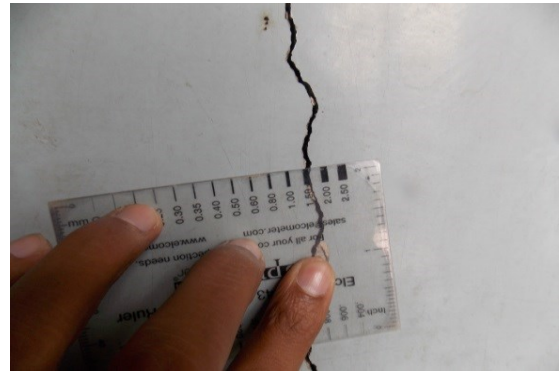


Photo 18B

Inclined Crack on Wall No.4 of Lobby (Fourth Floor)
Approx. Width = 1.5mm, Approx. Length = 2.5m.
Distance from Wall No.1 = 1.2m, Height from Floor = 0.2m.

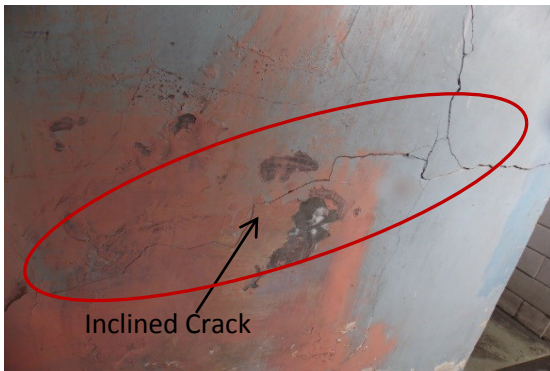


Photo 18C

Inclined Crack on Wall No.4 of Lobby (Fourth Floor)
Approx. Width = 1.5mm, Approx. Length = 2.5m.
Distance from Wall No.1 = 1.2m, Height from Floor = 0.2m.

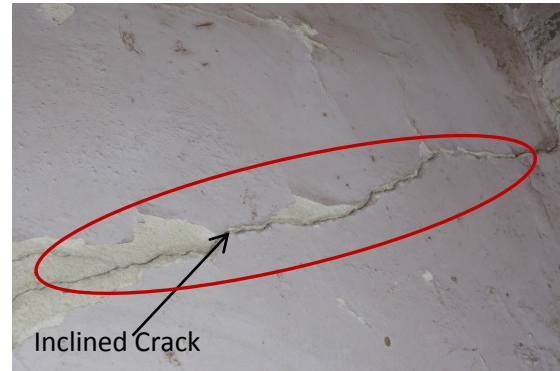


Photo 19A

Inclined Crack on Wall No.1 of Teenshade Room (Fourth Floor)
Approx. Width = 0.5mm, Approx. Length = 0.80m.
Distance from Wall No.4 = 0.5m, Height from Floor = 2.0m.



Photo 19B

Inclined Crack on Wall No.1 of Teenshade Room (Fourth Floor)
Approx. Width = 0.5mm, Approx. Length = 0.80m.
Distance from Wall No.4 = 0.5m, Height from Floor = 2.0m.



Photo 20A

Inclined Crack on Wall No.2 of Teenshade Room (Fourth Floor)
Approx. Width = 0.8mm, Approx. Length = 2.0m.
Distance from Wall No.3 = 2.0m, Height from Floor = 0.60m.



Photo 20B

Inclined Crack on Wall No.2 of Teenshade Room (Fourth Floor)
Approx. Width = 0.8mm, Approx. Length = 2.0m.
Distance from Wall No.3= 2.0m, Height from Floor = 0.60m.



Photo 21

Inclined Crack on External Façade of Second Floor (First Floor)
Approx. Width = 2.0mm, Approx. Length = 1.0m.
Distance from R.H.S.= 8.50m, Height from First Floor = 3.20m.

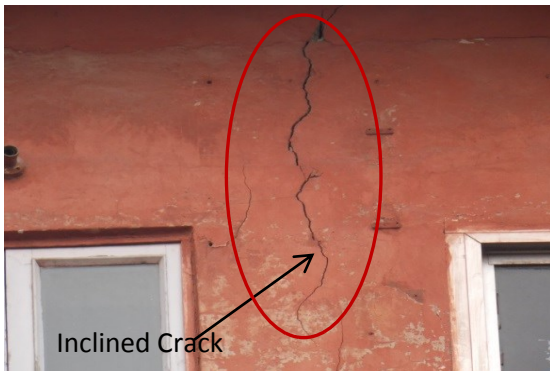


Photo 22

Inclined Crack on External Façade of Third Floor (First Floor)
Approx. Width = 2.0mm, Approx. Length = 1.30m.
Distance from R.H.S.= 8.50m, Height from First Floor = 8.50m.

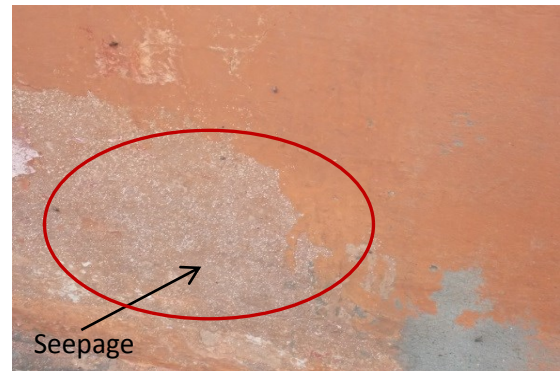


Photo 23

Seepage on Outer Wall of Muhtoot Finance, First Floor



Photo 24

Plaster Damage on Outer Wall of Muhtoot Finance, First Floor



Photo 25

Peeling of Plaster on Wall No.2 of Lobby No. 2, First Floor

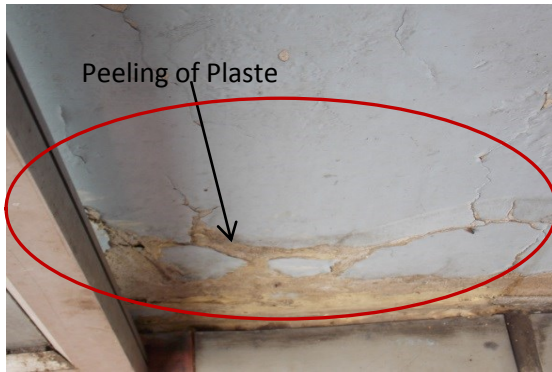


Photo 26

Peeling of Plaster on Wall No.1 of Lobby No. 2, First Floor

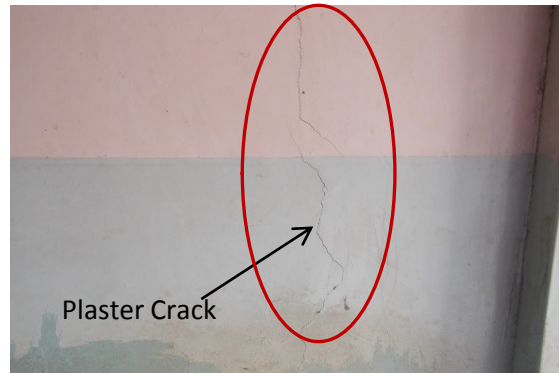


Photo 27

Plaster Crack on Wall No.1 of Lobby No. 2, First Floor



Photo 28

Peeling of Plaster on Wall No.6 of Lobby No. 2, First Floor

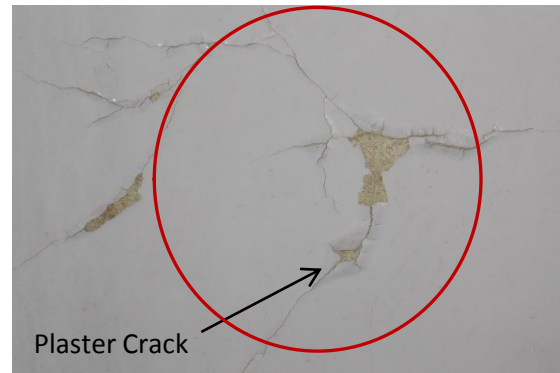


Photo 29

Plaster Crack on Wall No.4 of Lobby No. 2, First Floor



Photo 30

Repairing Work on Wall No.4 of Lobby No. 2, First Floor



Photo 31A

Peeling of Plaster on Wall No.4 of FF to MSN Floor, First Floor



Photo 31B

Peeling of Plaster on Wall No.4 of FF to MSN Floor, First Floor

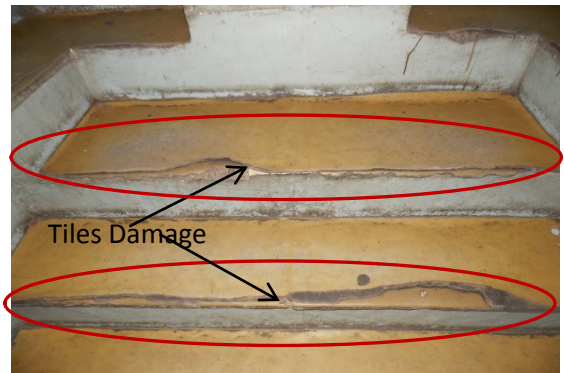


Photo 32

Tiles Damage on Steps of MSN Floor to S.F., Mezzanine Floor

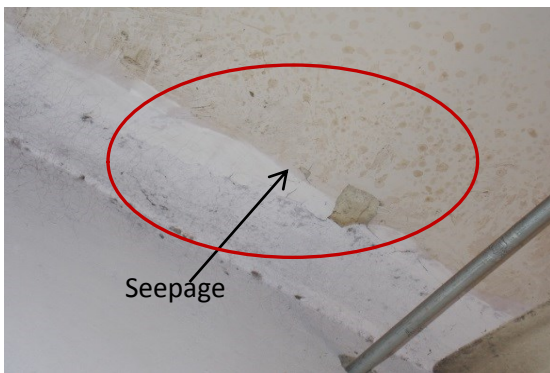


Photo 33

Seepage on Roof of Room No.4, Second Floor



Photo 34

Seepage on Roof of Room No.5, Second Floor

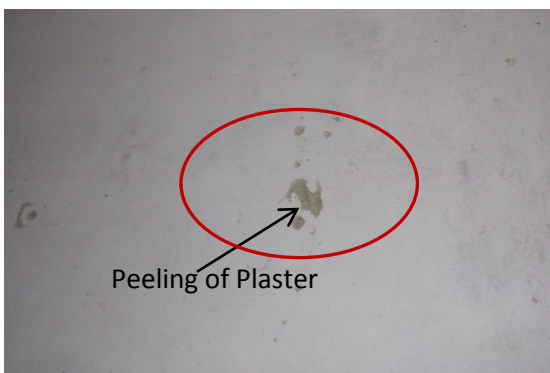


Photo 35

Peeling of Plaster on Wall No.2 of Room No.5, Second Floor



Photo 36

Peeling of Plaster on Roof of Hall No.2, Second Floor



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



Photo 37
Seepage on Roof of Hall No.2, Second Floor

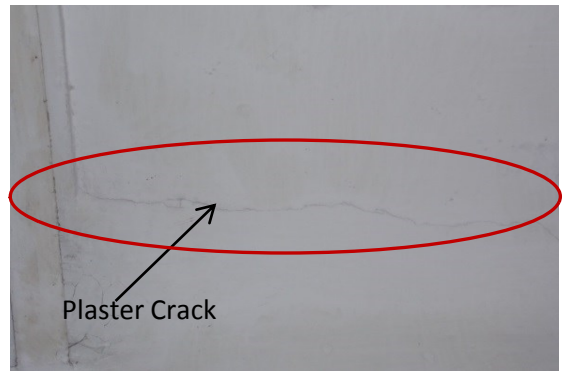


Photo 38
Plaster Crack on Roof of Hall No.2, Second Floor

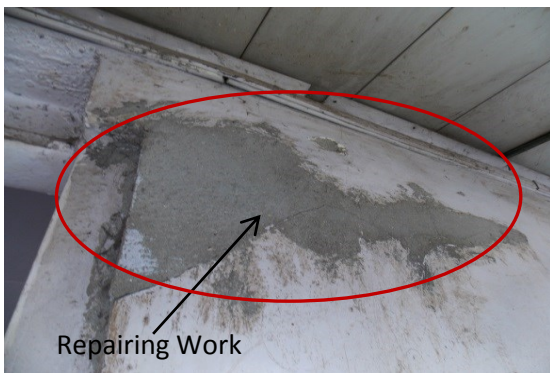


Photo 39
Repairing Work on Roof of Hall No.2, Second Floor



Photo 40
Seepage on Roof of Hall No.1 (Second Floor)



Photo 41
Peeling of Plaster on Wall No.4 of Hall No.1 (Second Floor)



Photo 42
Plaster Removal on Wall No.4 of Hall No.1 (Second Floor)

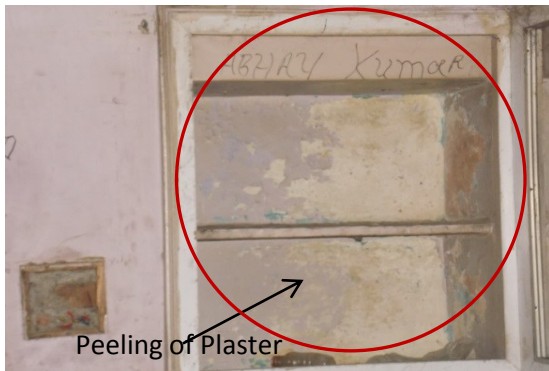


Photo 43

Peeling of Plaster on Wall No.4 of Room No.3 (Second Floor)



Photo 44

Peeling of Plaster on Roof of Room No.1 (Third Floor)

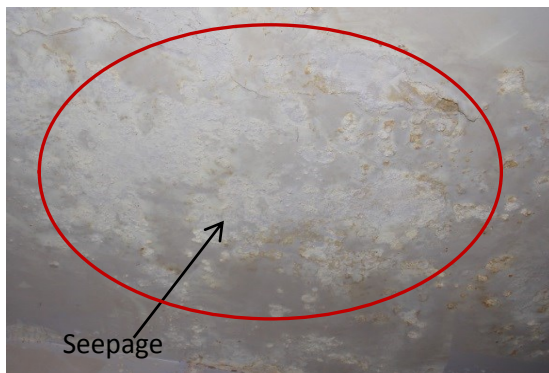


Photo 45

Seepage on Roof of Room No.1 (Third Floor)

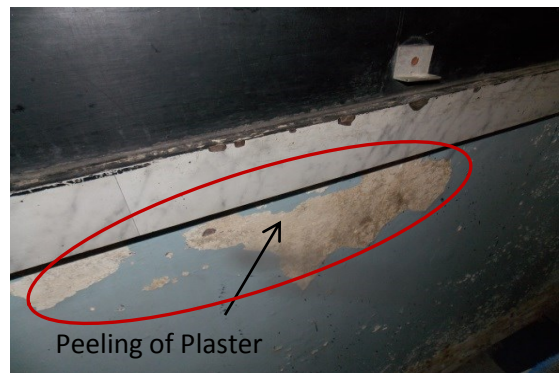


Photo 46

Peeling of Plaster on Wall No.1 of Room No.1 (Third Floor)

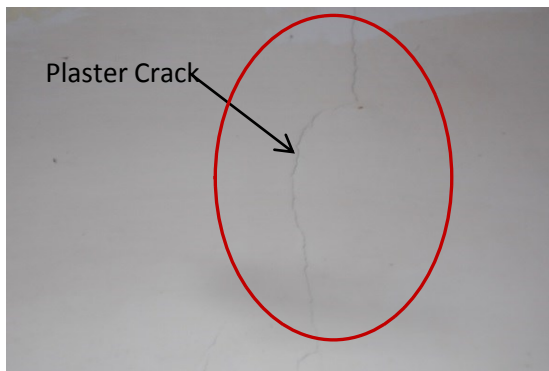


Photo 47

Plaster Crack on Wall No.3 of Room No.1 (Third Floor)

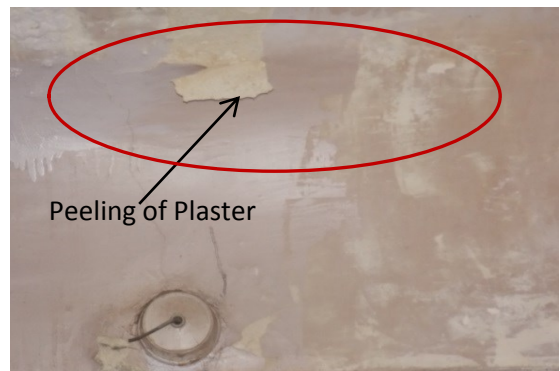


Photo 48

Peeling of Plaster on Wall No.4 of Room No.1 (Third Floor)



Photo 49
Peeling of Plaster on Roof of Kitchen No.1 (Third Floor)



Photo 50
Seepage on Roof of Kitchen No.1 (Third Floor)

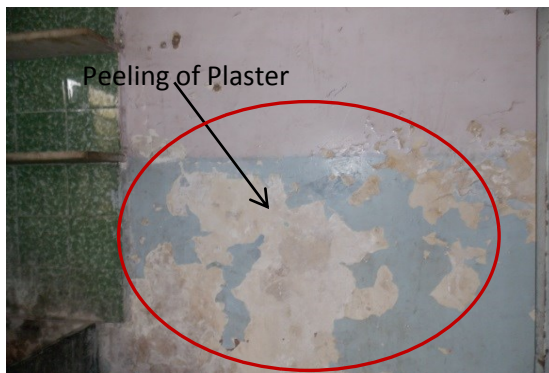


Photo 51
Peeling of Plaster on Wall No.2 of Kitchen No.1 (Third Floor)

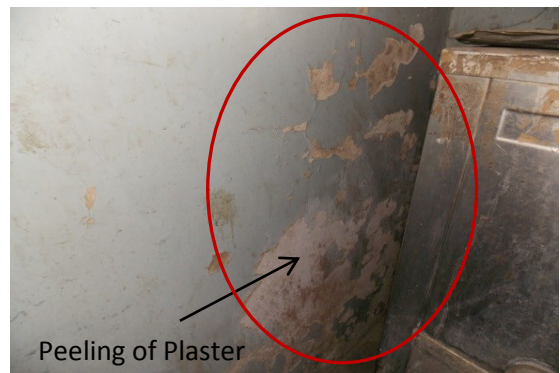


Photo 52
Peeling of Plaster on Wall No.1 of Kitchen No.1 (Third Floor)



Photo 53
Plaster Removal on Wall No.4 of Kitchen No.1 (Third Floor)

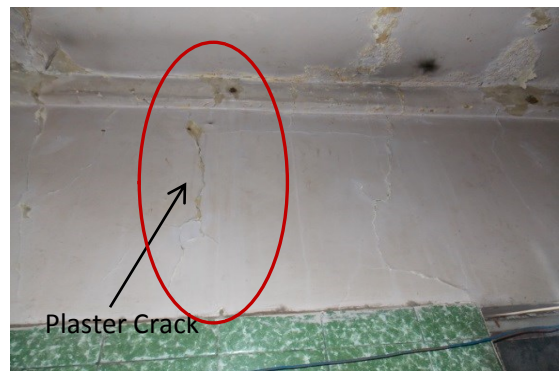


Photo 54
Plaster Crack on Wall No.4 of Kitchen No.1 (Third Floor)

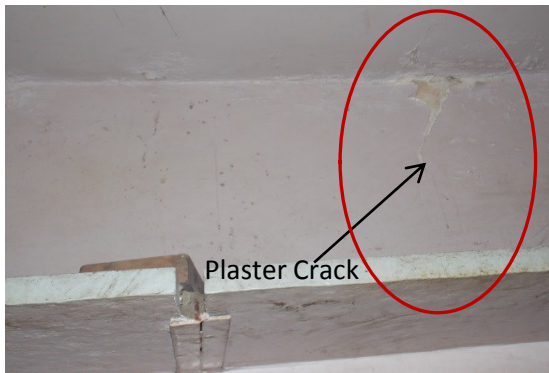


Photo 55
Plaster Crack on Wall No.3 of Kitchen No.1 (Third Floor)



Photo 56
Plaster Removal on Wall No.4 of Stair T.F. to 4th F. (4th Floor)

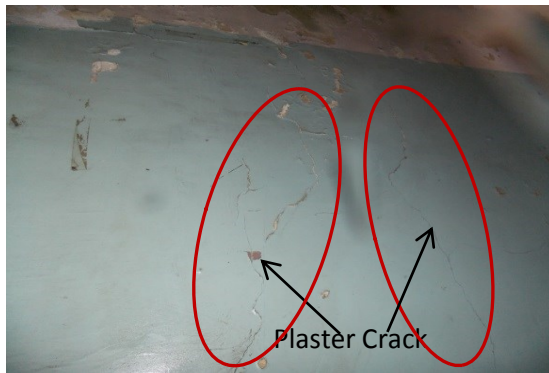


Photo 57
Plaster Crack on Wall No.4 of Stair T.F. to 4th F. (4th Floor)



Photo 58
Plaster Removal on Wall No.4 of Stair T.F. to 4th F. (4th Floor)

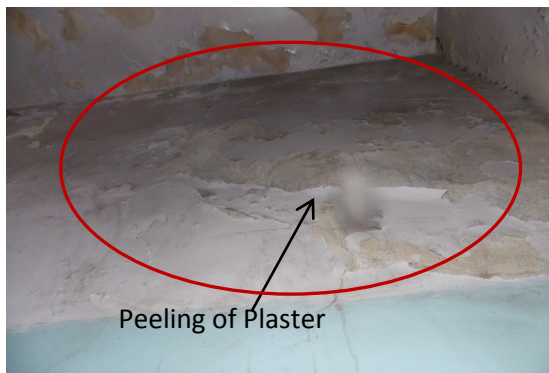


Photo 59
Peeling of Plaster on Wall No.4 of Stair T.F. to 4th F. (4th Floor)

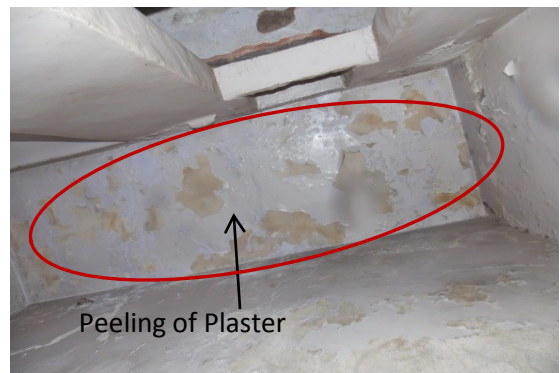


Photo 60
Peeling of Plaster on Roof of Stair T.F. to 4th F. (4th Floor)

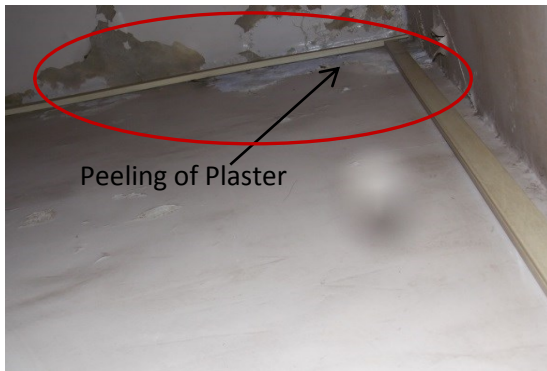


Photo 61
Peeling of Plaster on Wall No.3 of Stair T.F. to 4th F. (4th Floor)



Photo 62
Plaster Removal on Roof of Lobby (4th Floor)

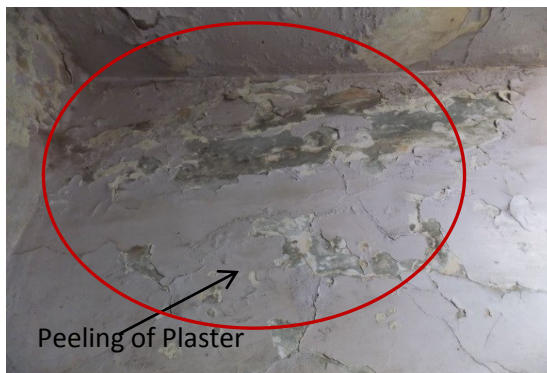


Photo 63
Peeling of Plaster on Wall No.1 of Lobby (4th Floor)



Photo 64
Peeling of Plaster on All Walls of Toilet No.1 (4th Floor)

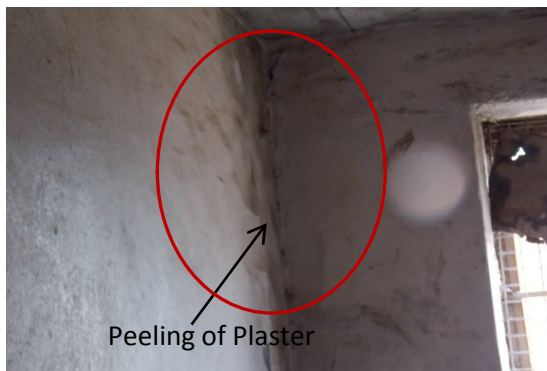


Photo 65
Peeling of Plaster on Wall No.1 & 4 of Toilet No.2 (4th Floor)



Photo 66
Peeling of Plaster on Wall No.3 of Tinshade Room (4th Floor)



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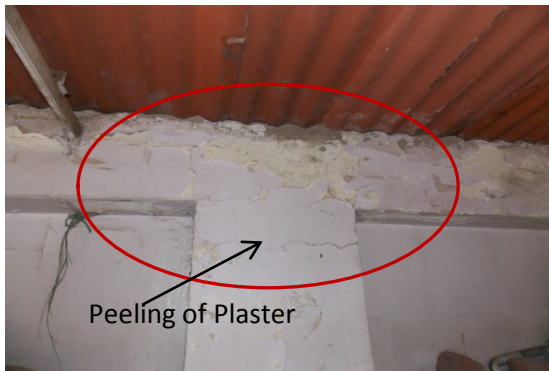


Photo 67

Peeling of Plaster on Wall No.1 of Tinshade Room (4th Floor)



Photo 68

Damage on Wall No.4 of Tinshade Room (4th Floor)



Photo 69

Locked, Room No.4, First Floor



Photo 70

Covered with wooden Work, Wall No.2 of Lobby No. 2, First Floor



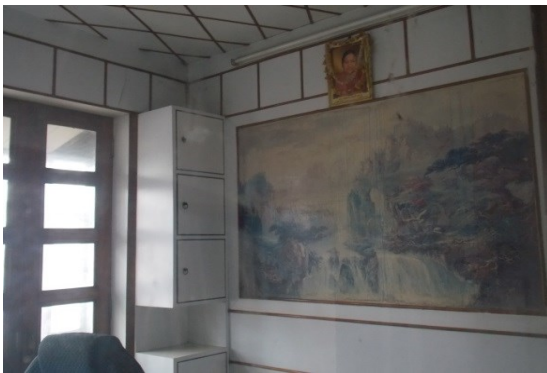
Photo 71

Covered with wooden Ceiling, Roof of Office Room, Second Floor



Photo 72

Covered with wooden Work, Wall No.1 of Office Room, Second Floor



Dampness/Seepage

Photo 73

Covered with wooden Work, Wall No.2 of Office Room,
Second Floor



Photo 74

Covered with wooden Work, Roof of Lobby, Second Floor



Photo 75

Locked, Room No.6, Second Floor



Photo 76

Covered with wooden Ceiling, Roof of Gallery, Second Floor



Photo 77

Locked, Room No.2, Second Floor



Photo 78

Locked, Room No.1, Second Floor



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Photo 79
Locked, Room, Second Mezzanine Floor



Photo 80
Covered with wooden Ceiling, Roof of Room No.2, Third Floor



Photo 81
Covered with wooden Work, All Walls of Room No.2, Third Floor



Photo 82
Covered with wooden Ceiling, Roof of Room No.4, Third Floor



Photo 83
Covered with wooden Work, Wall No. 1 & 4 of Room No.2, Third Floor

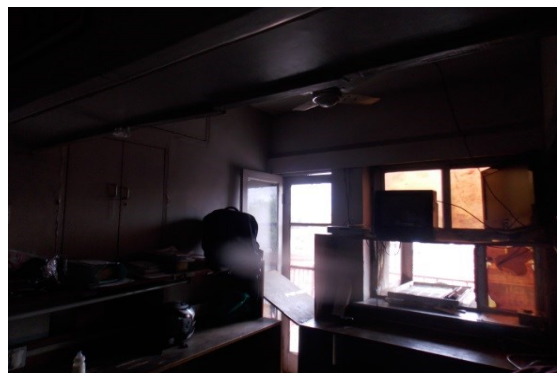


Photo 84
Covered with wooden Work, Wall No.2 & 4 of Room No.2, Third Floor



Photo 85

Covered with wooden Ceiling, Roof of Room No.3, Third Floor



Photo 86

Covered with Materials, All Walls of Room No.3, Third Floor



Photo 87

Locked, Closed Area, Third Floor



Photo 88

Covered with Tiles, All Walls & Floor of Toilet No.3, Fourth Floor

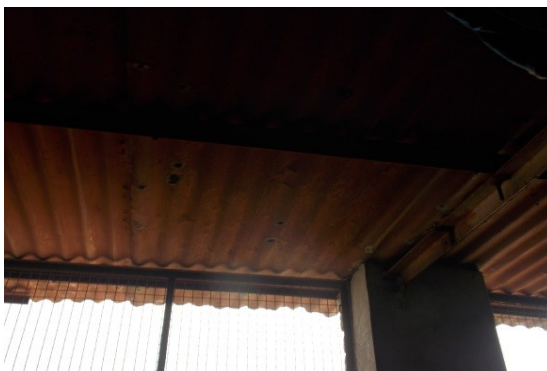
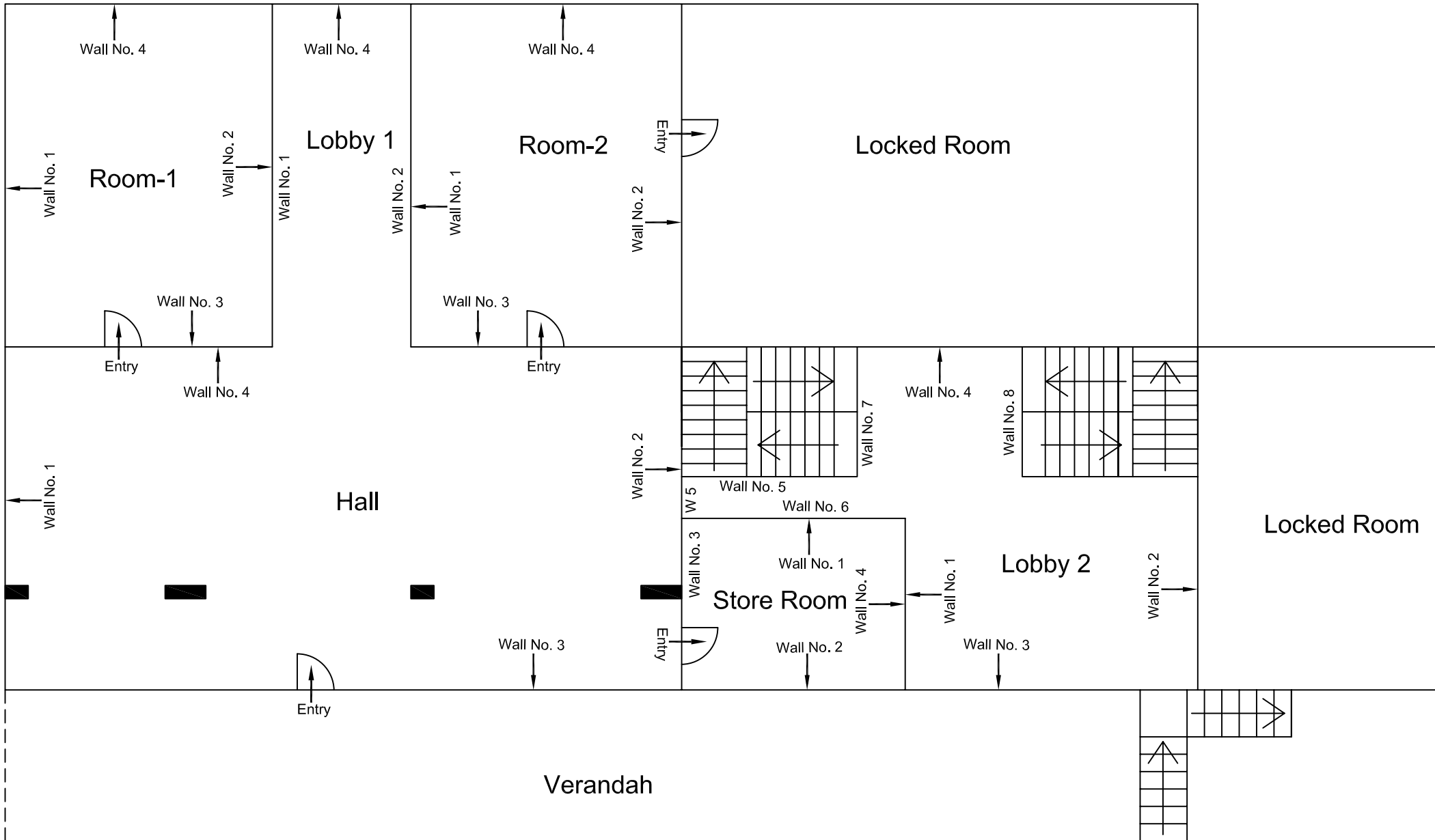


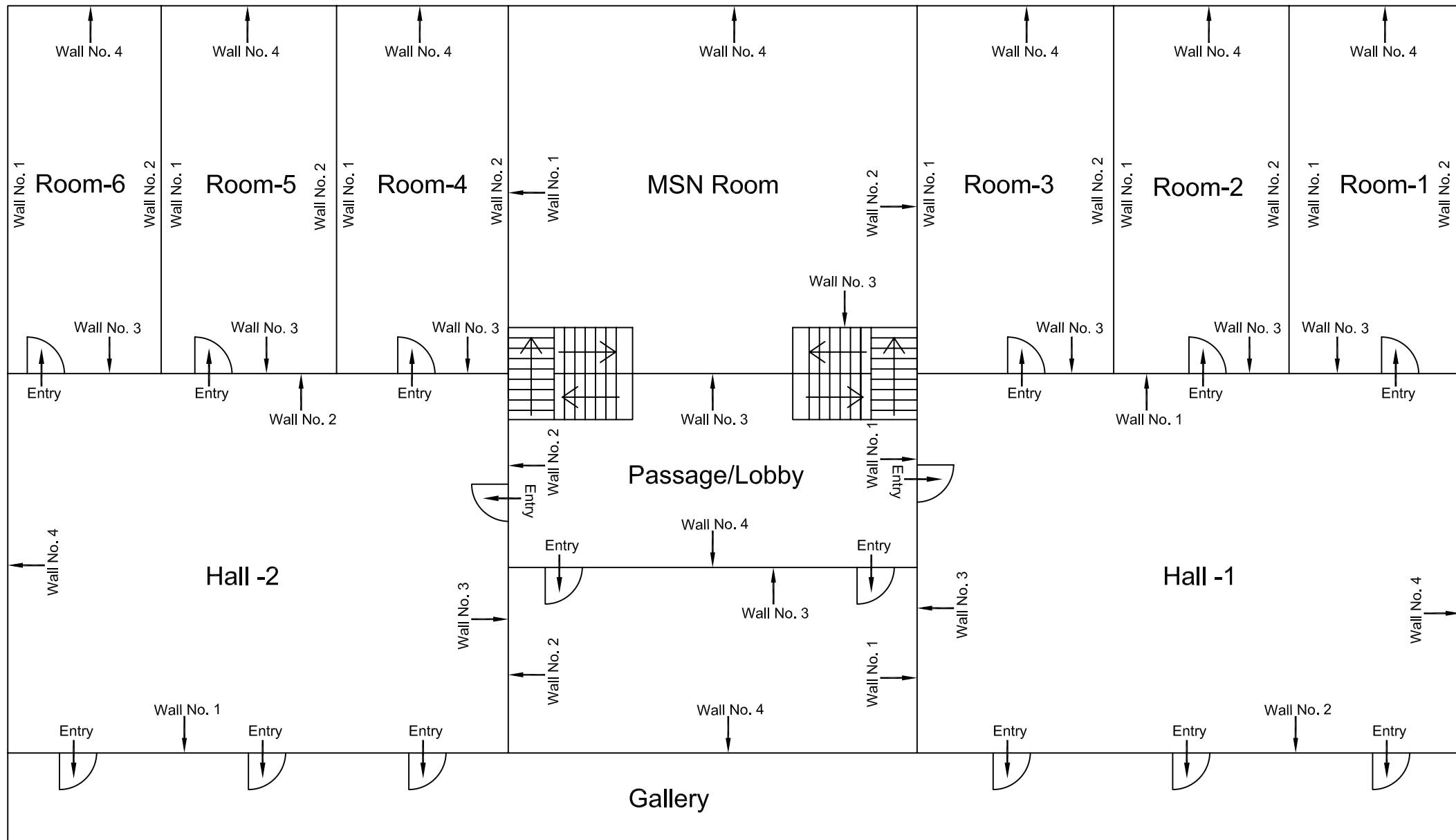
Photo 89

Tinshade, Roof of Toilet No.3, Fourth Floor



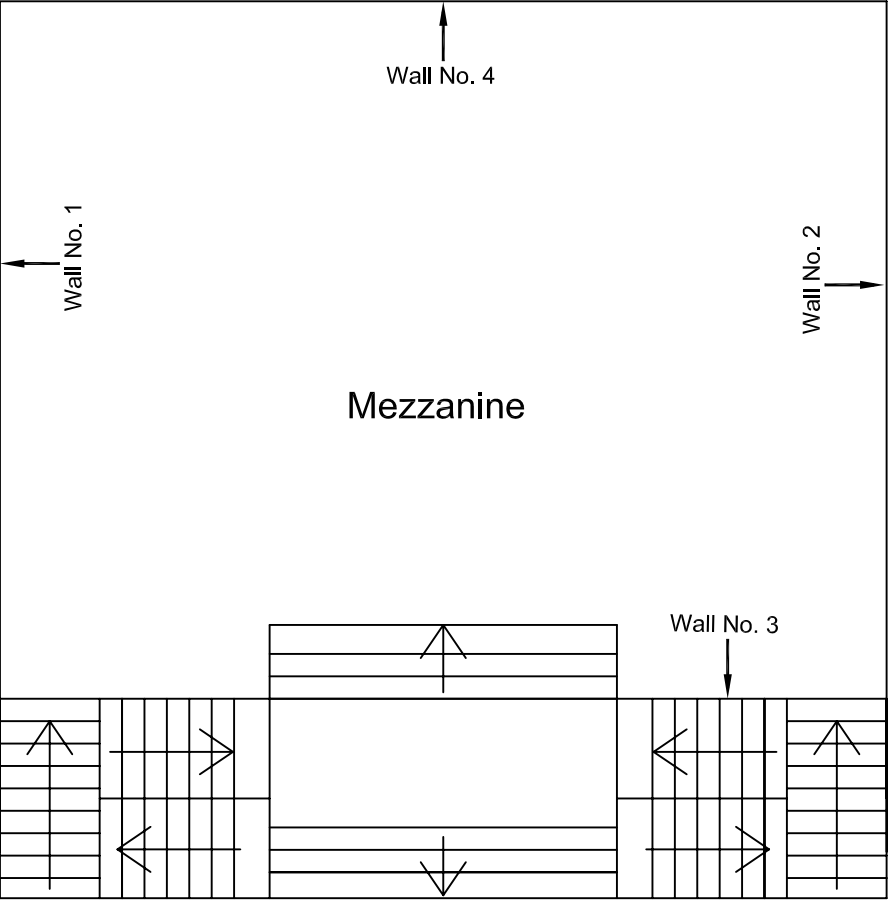
First Floor Plan

					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	
								DRAWING TITLE: First Floor Plan of Muthoot Finance Above Shop No. 2 to 6 Chandpole Bazar.	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0004/ FF/ IV / 01
00		NP	Dr. PRC	16.11.2013	CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		SCALE: Not to Scale	
Revision	Description of Revision	Drawn By	Approved By	Date				REVISION: R0	



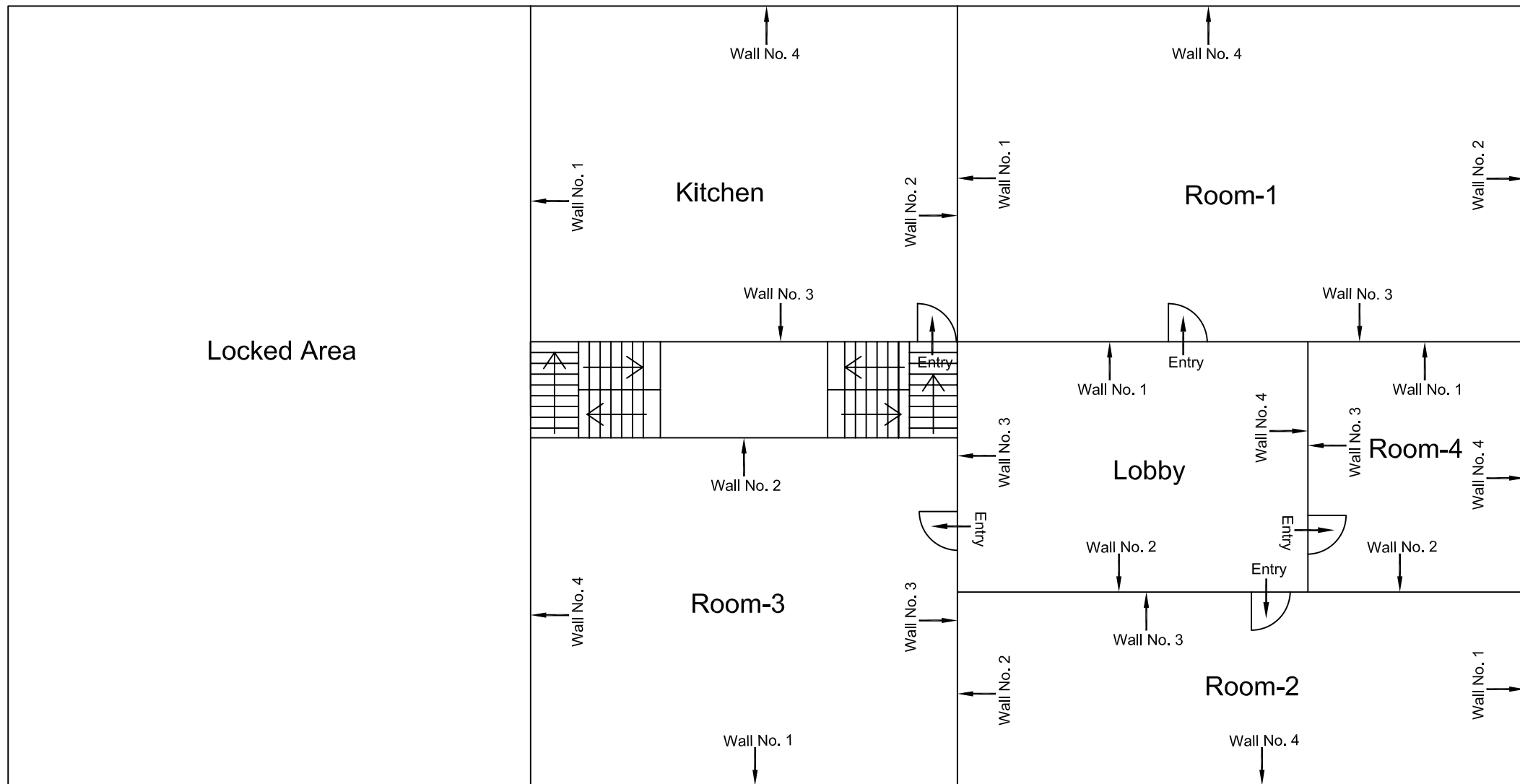
Second Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi 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	
								DRAWING TITLE: Second Floor Plan of Muthoot Finance Above Shop No. 2 to 6 Chandpole Bazar.	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0004/ FF/ IV / 02
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		SCALE: Not to Scale	
00		NP	Dr. PRC	16.11.2013				REVISION: R0	
Revision	Description of Revision	Drawn By	Approved By	Date					



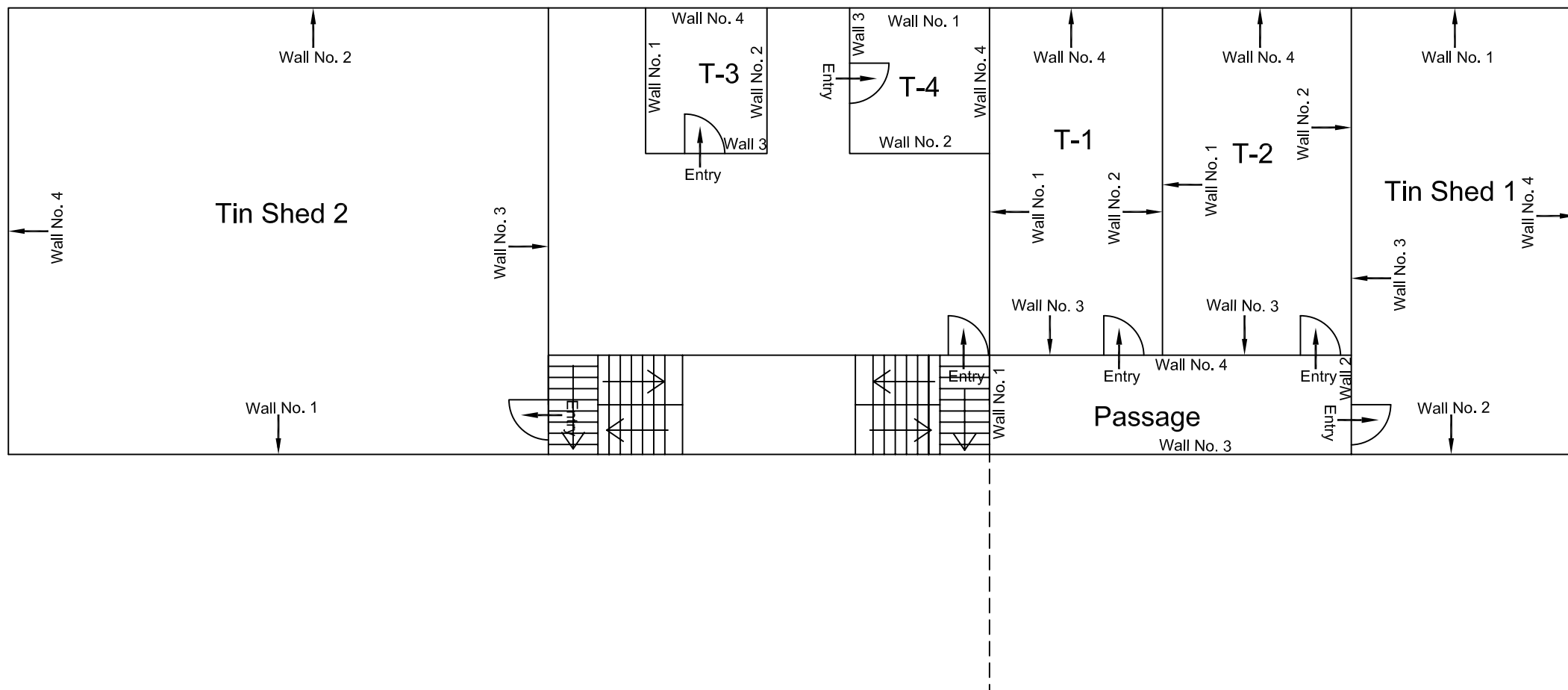
Mezzanine Floor Plan

					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	
								DRAWING TITLE: Mezzanine Floor Plan of Muthoot Finance Between FF To SF Above Shop No. 2 to 6 Chandpole Bazar.	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0004/ FF/ IV / 03
00		NP	Dr. PRC	16.11.2013				SCALE: Not to Scale	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date	CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B			



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 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		
								DRAWING TITLE: Third Floor Plan of Muthoot Finance Above Shop No. 2 to 6 Chandpole Bazar.		
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0004/ FF/ IV / 04		
00		NP	Dr. PRC	16.11.2013				SCALE: Not to Scale		REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date						



Forth 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	
								DRAWING TITLE: Forth Floor Plan of Muthoot Finance Above Shop No. 2 to 6 Chandpole Bazar.	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0004/ FF/ IV / 05
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		SCALE: Not to Scale	REVISION: R0
00		NP	Dr. PRC	16.11.2013					
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



House No. 1144 & 1145
Chandpole Bazaar
Jaipur
Unique ID:CP-CC/UP/0086

Report Number: AIMIL/ESG/JMCEC/CP-CC/UP/0086/01, Rev. 00, Dated: June 2014

Building Owner
Contractor

Digambar Jain Trust(Sec.Babu Lal 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

Table of Contents

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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	8/9/2014	
2	AIMIL Representative		
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 2048 Samvat and is Not Known old.

There are 39 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	Crack Meter
Negligible (< 0.1mm)	0	0%	Not Required
Very Slight (0.1 to 1mm)	3	50%	Required
Slight (1 to 5mm)	3	50%	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
CP-CC/UP/0086	House No.1144 & 1145	Digambar Jain Trust (Sec. Mr. Babu Lal Jain)	



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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	House No. 1144 & 1145
2	Building Address	Digambar Jain Temple, Uniyaron Ka Rasta, Chandpole Bazaar, Jaipur
3	Year of Construction	2048 Samvat
4	Number of Floors	G+2
5	Number of Basements	Not known
6	Type of Building	Temple & Dharmasala
7	Approximate Height	8m
8	Approximate Area	Not Known
9	Age of Building	Not Known
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	One Nos. Borewell & One Well
13	Depth and Diameter of Bore	140 Feet, 4" (Borewell) & 70 Feet (Well)
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.3 to Roof of Hall No.1 of H.No.1144 (F.F.)	Inclined	2.5	4	Slight	20A & 20B
1	Roof of Room No.7 of H.No.1144 & 1145 (F.F.)	Horizontal	0.8	2.5	Very Slight	21
3	Roof of Room No.9 of H.No.1144 & 1145 (F.F.)	Horizontal	2	2	Slight	22
4	Wall No.2 to Roof of Open Sky of H.No.1144 (F.F.)	Inclined	1	1.5	Very Slight	23
5	Wall No. 4 of Balcony of H.No.1144 & 1145 (F.F.)	Inclined	0.7	1.5	Very Slight	24
6	Wall No. 4 of Terrace No.1 of H.No.1144 (Terrace)	Inclined	1.5	2.5	Slight	25A, B & C

Summary of Defects Other Than Crack

Defect ID	Location	Description	Photo No.
1	Wall No.1 of Stair No.1 GF to FF , Ground Floor	Seepage	26
2	Roof of Room No.1 of H.No.1144, Ground Floor	Peeling of Plaster	27
3	Roof of Open Sky of H.No.1144, Ground Floor	Seepage	28
4	Wall No.2 of Open Sky of H.No.1144, Ground Floor	Seepage	29
5	Wall No.2 of Room No.3 of H.No.1144, Ground Floor	Seepage	30
6	Wall No.4 of Hall No.2 of H.No.1144, Ground Floor	Peeling of Plaster	31
7	Wall No.4 of Hall No.2 of H.No.1144, Ground Floor	Plaster Removal	32
8	Wall No.1 of Gate No.1 of Hall No.2, Ground Floor	Plaster Removal	33
9	Wall No.4 of Balcony No.1 of H.No.1144, First Floor	Peeling of Plaster	34
10	Wall No.3 of Balcony No.1 of H.No.1144, First Floor	Plaster Crack	35
11	Roof of Room No.3 of H.No.1144, First Floor	Peeling of Plaster	36
12	Wall No.3 of Hall No.1 of H.No.1144, First Floor	Plaster Crack	37
13	Wall No.3 of Hall No.1 of H.No.1144, First Floor	Peeling of Plaster	38
14	Wall No.3 of Hall No.1 of H.No.1144, First Floor	Seepage	39
15	Wall No.1 & 3 of Hall No.1 of H.No.1144, First Floor	Plaster Crack	40
16	Wall No.4 of Gallery No.1 of H.No.1144, First Floor	Peeling of Plaster	41
17	Roof of Room No.1 of H.No.1144, First Floor	Seepage	42
18	Roof of Gallery No.2 of H.No.1144, First Floor	Seepage	43
19	Wall No.3 of Room No.6 of H.No.1144, First Floor	Peeling of Plaster	44
20	Wall No.3 of Room No.9 of H.No.1144, First Floor	Seepage	45
21	Wall No.3 of Room No.9 of H.No.1144, First Floor	Plaster Crack	46
22	Wall No.2 of Room No.9 of H.No.1144, First Floor	Seepage	47
23	Wall No.1 of Room No.9 of H.No.1144, First Floor	Peeling of Plaster	48
24	Roof of Room No.9 of H.No.1144, First Floor	Peeling of Plaster	49
25	Wall No.3 of Room No.9 of H.No.1144, First Floor	Plaster Crack	50
26	Wall No.3 of Room No.9 of H.No.1144, First Floor	Plaster Crack	51
27	Wall No.2 of Open Sky of H.No.1144, First Floor	Peeling of Plaster	52
28	Wall No.2 of Open Sky of H.No.1144, First Floor	Seepage	53
29	Roof of Open Sky of H.No.1144, First Floor	Seepage	54
30	Roof of Open Sky of H.No.1144, First Floor	Peeling of Plaster	55
31	Roof of Washroom of H.No.1144, First Floor	Peeling of Plaster	56
32	Wall No.1 & 4 of Bathroom No.1, First Floor	Seepage	57
33	Wall No.1 of Balcony of H.No.1144, First Floor	Peeling of Plaster	58



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

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	Wall No.2 of Hall No.1 of H.No.1144, Ground Floor	Covered with Almirah	59
2	All Walls of Bathroom No.1 of H.No.1144, Ground Floor	Half Covered with Tiles	60
3	All Walls of Bathroom No.5 of H.No.1144, Ground Floor	Half Covered with Tiles	61
4	All Walls of Bathroom No.6 of H.No.1144, Ground Floor	Half Covered with Tiles	62
5	Hall No.2 of H.No.1144 & 1145, First Floor	Locked	63
6	All Walls of Room No.1 of H.No.1144, First Floor	Covered with Materials	64
7	Room No.8 of H.No.1144 & 1145, First Floor	Locked	65
8	All Walls of Washroom of H.No.1144, First Floor	Covered with Tiles	66
9	All Walls of Bathroom No.1 of H.No.1144, First Floor	Covered with Tiles	67
10	All Walls of Bathroom No.2 of H.No.1144, First Floor	Half Covered with Tiles	68
11	All Walls of Bathroom No.3 of H.No.1144, First Floor	Half Covered with Tiles	69
12	Toilet No.1 of H.No.1144, Terrace	Locked	70
13	Toilet No.2 of H.No.1144, Terrace	Locked	71
14	All Walls of Toilet No.3 of H.No.1144, Terrace	Covered with Tiles	72
15	Bathroom No.1 of H.No.1144, Terrace	Locked	73
16	Bathroom No.2 of H.No.1144, Terrace	Locked	74



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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

View of Jain Dharmshala, House No. 1145 , Ground Floor



Photo 2

View of Jain Temple, House No. 1144 , Ground Floor



Photo 3

View of Hall No.1 of House No.1144 & 1145 , Ground Floor



Photo 4

View of Gallery No.1 of House No. 1144 & 1145 , Ground Floor



Photo 5

View of Store No.2 of House No. 1144 & 1145 , Ground Floor



Photo 6

View of Kitchen No.1 of House No. 1144 & 1145 , Ground Floor



Photo 7

View of Room No.2 of House No. 1144 & 1145 , Ground Floor



Photo 8

View of Store No.3 of House No. 1144 & 1145 , Ground Floor



Photo 9

View of Store No.3 of House No. 1144 & 1145 , Ground Floor



Photo 10

View of Main Temple Area of House No.1144&1145,Ground Floor



Photo 11

View of Temple No.2 of House No.1144 & 1145, Ground Floor



Photo 12

View of Borewell of House No.1144 & 1145, Ground Floor



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



Photo 13

View of Well of House No.1144 & 1145, Ground Floor



Photo 14

View of Room No.3 of House No.1144 & 1145, First Floor



Photo 15

View of Room No.4 of House No.1144 & 1145, First Floor



Photo 16

View of Room No.5 of House No.1144 & 1145, First Floor



Photo 17

View of Terrace No.1 of House No.1144 & 1145, Terrace



Photo 18

View of Terrace No.2 of House No.1144 & 1145, Terrace



Photo 19
View of Terrace No.3 of House No.1144 & 1145, Terrace

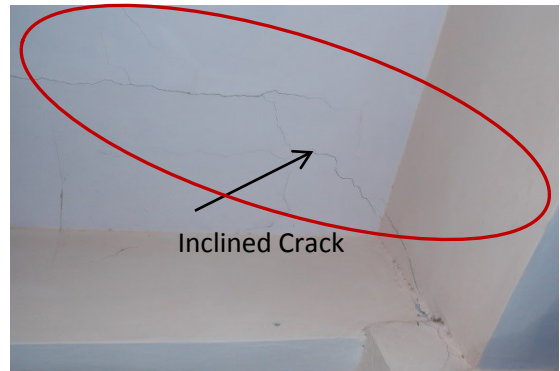


Photo 20A
Inclined Crack on Wall No.3 to Roof of Hall No.1 of H.No.1144(F.F.)
Approx. Width = 2.5mm, Approx. Length = 4.0m.
Distance from Wall No.1= 4.50m, Height from Floor = 2.5m.

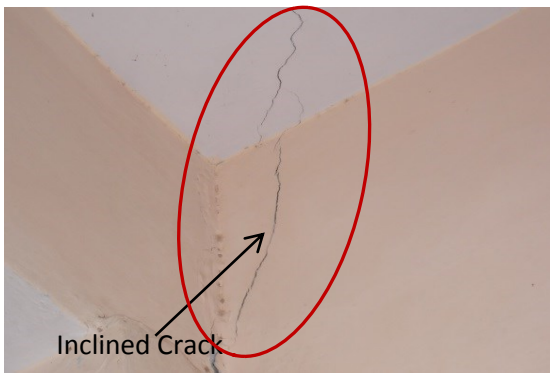


Photo 20B
Inclined Crack on Wall No.3 to Roof of Hall No.1 of H.No.1144(F.F.)
Approx. Width = 2.5mm, Approx. Length = 4.0m.
Distance from Wall No.1= 4.50m, Height from Floor = 2.5m.

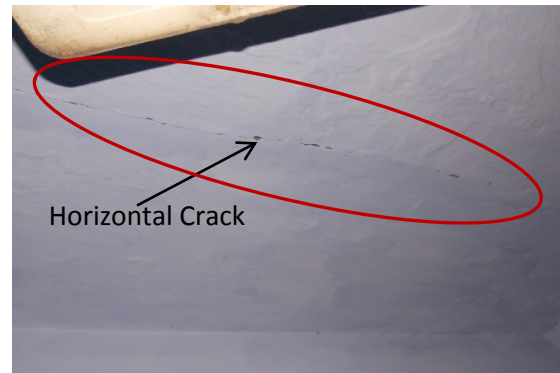


Photo 21
Horizontal Crack on Roof of Room No.7 of H.No.1144 & 1145(F.F.)
Approx. Width = 0.80mm, Approx. Length = 2.50m.
Distance from Wall No.1= 1.0m, Height from Floor = 2.70m.

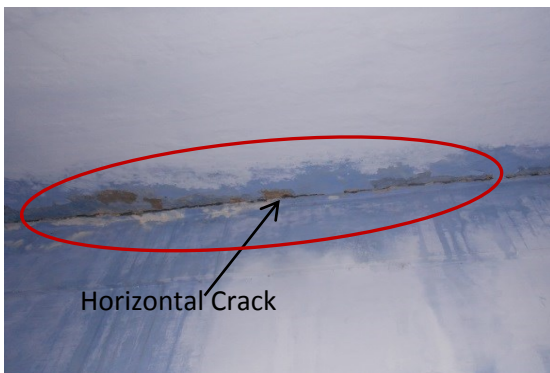


Photo 22
Horizontal Crack on Roof of Room No.9 of H.No.1144&1145 (F.F.)
Approx. Width = 2.0mm, Approx. Length = 2.0m.
Distance from Wall No.2= 0m, Height from Floor = 2.70m.



Photo 23
Inclined Crack on Wall No.2 to Roof of Opensky of H.No.1144(F.F.)
Approx. Width = 1.0mm, Approx. Length = 1.50m.
Distance from Wall No.4= 0m, Height from Floor = 2.20m.

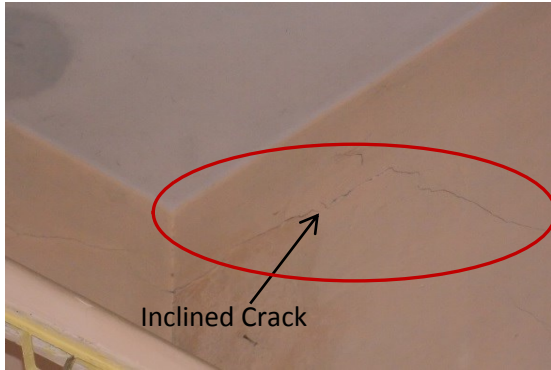


Photo 24

Inclined Crack on Wall No.4 of Balcony of H.No.1144(F.F.)
Approx. Width = 0.7mm, Approx. Length = 1.5m.
Distance from Wall No.1= 0.50m, Height from Floor = 2.0m.

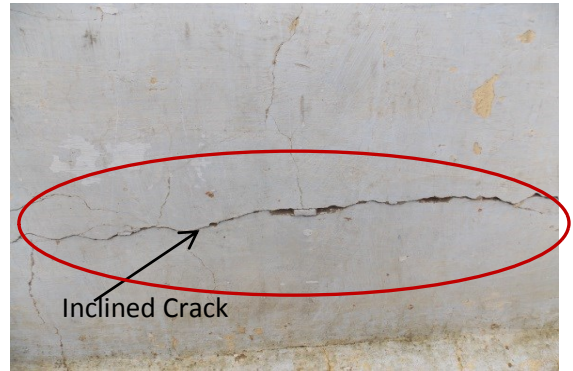


Photo 25A

Inclined Crack on Wall No.4 of Terrace No.1of H.No.1144(Terrace)
Approx. Width = 1.50mm, Approx. Length = 3.0m.
Distance from Wall No.2= 2.50m, Height from Floor = 0.20m.

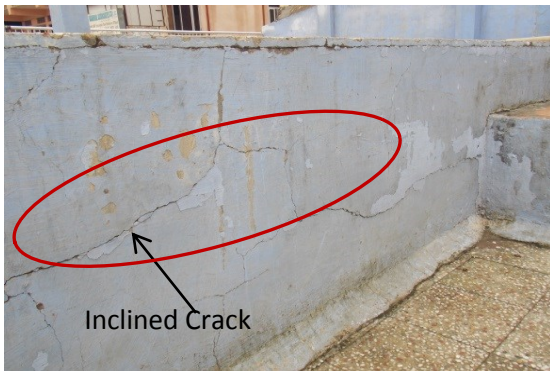


Photo 25B

Inclined Crack on Wall No.4 of Terrace No.1of H.No.1144(Terrace)
Approx. Width = 1.50mm, Approx. Length = 3.0m.
Distance from Wall No.2= 2.50m, Height from Floor = 0.20m.



Photo 25C

Inclined Crack on Wall No.4 of Terrace No.1of H.No.1144(Terrace)
Approx. Width = 1.50mm, Approx. Length = 3.0m.
Distance from Wall No.2= 2.50m, Height from Floor = 0.20m.

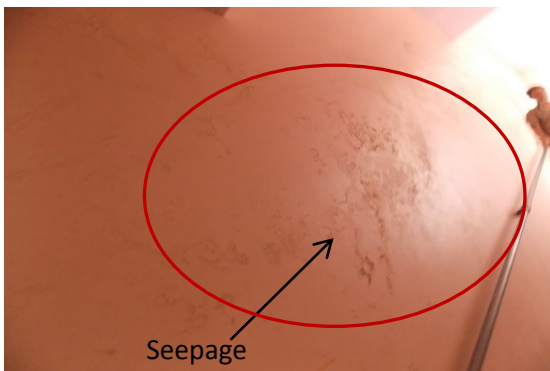


Photo 26

Seepage on Wall No.1 of Stair No.1 GF to FF, Ground Floor

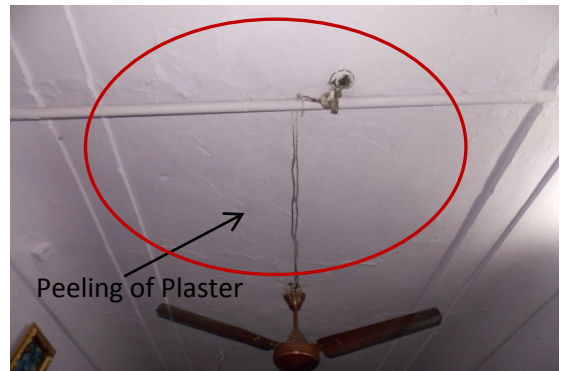


Photo 27

Peeling of Plaster on Roof of Room No.1 of H.No.1144,
Ground Floor

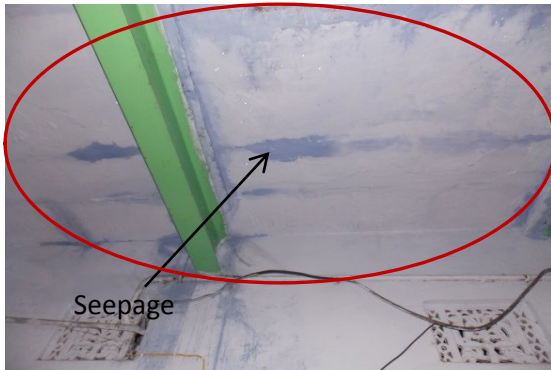


Photo 28
Seepage on Roof of Open Sky of H.No.1144
Ground Floor

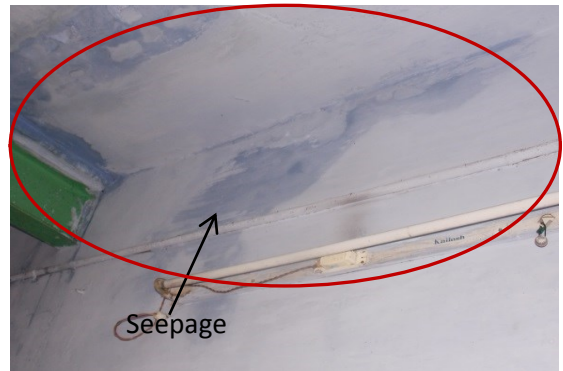


Photo 29
Seepage on Wall No.2 of Open Sky of H.No.1144
Ground Floor

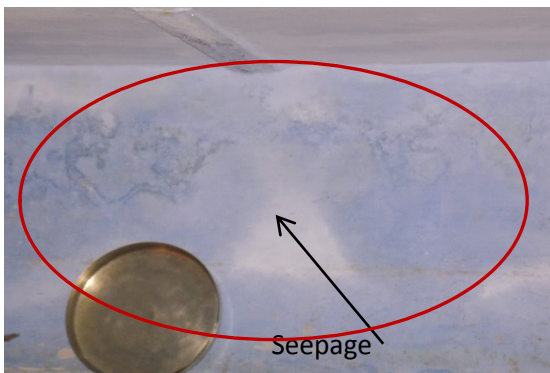


Photo 30
Seepage on Wall No.2 of Room No.3 of H.No.1144
Ground Floor



Photo 31
Peeling of Plaster on Wall No.4 of Hall No.2 of H.No.1144
Ground Floor

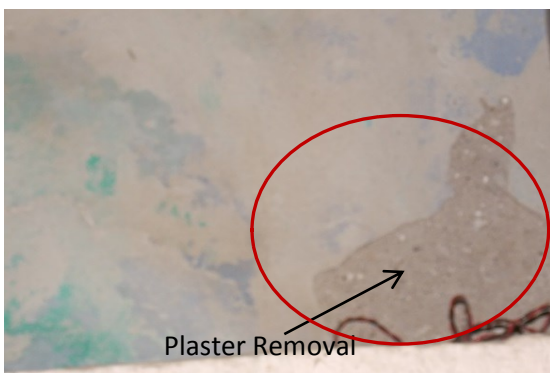


Photo 32
Plaster Removal on Wall No.4 of Hall No.2 of H.No.1144
Ground Floor



Photo 33
Plaster Removal on Wall No.1 of Gate No.1 of Hall No.2
Ground Floor

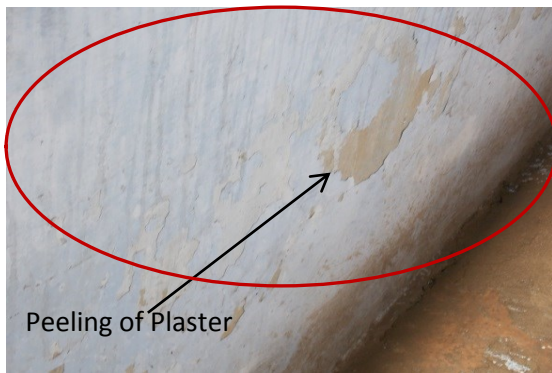


Photo 34
Peeling of Plaster on Wall No.4 of Balcony No.1 of H.No.1144,
First Floor

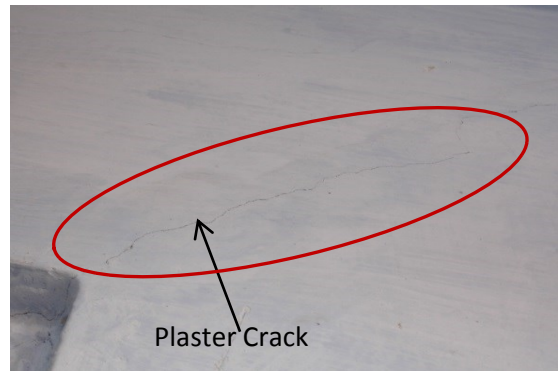


Photo 35
Plaster Crack on Wall No.3 of Balcony No.1 of H.No.1144,
First Floor



Photo 36
Peeling of Plaster on Roof of Room No.3 of H.No.1144,
First Floor

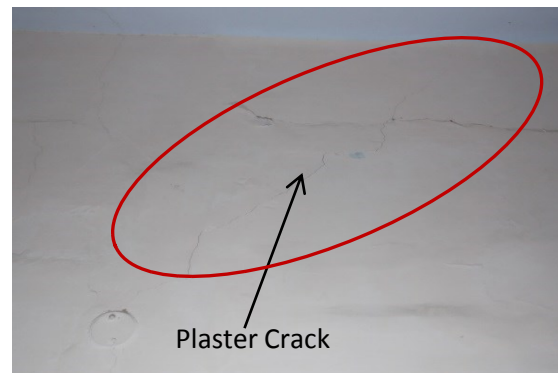


Photo 37
Plaster Crack on Wall No.3 of Hall No.1 of H.No.1144,
First Floor



Photo 38
Peeling of Plaster on Wall No.3 of Hall No.1 of H.No.1144,
First Floor

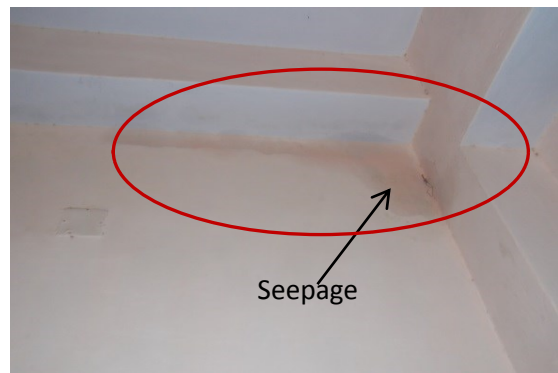


Photo 39
Seepage on Wall No.3 of Hall No.1 of H.No.1144,
First Floor

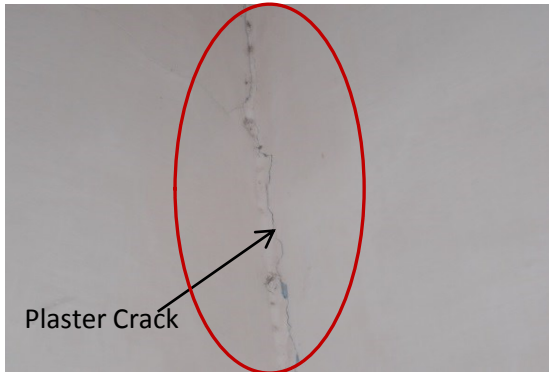


Photo 40
Plaster Crack on Wall No.1 & 3 of Hall No.1 of H.No.1144,
First Floor

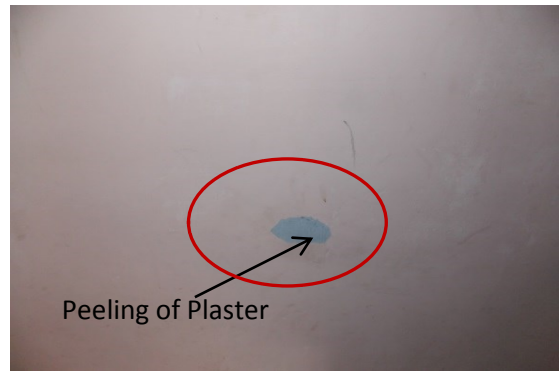


Photo 41
Peeling of Plaster on Wall No.4 of Gallery No.1 of H.No.1144
First Floor



Photo 42
Seepage on Roof of Room No.1 of H.No.1144
First Floor

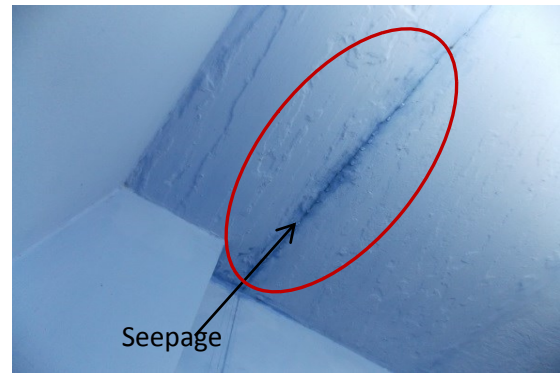


Photo 43
Seepage on Roof of Gallery No.2 of H.No.1144
First Floor

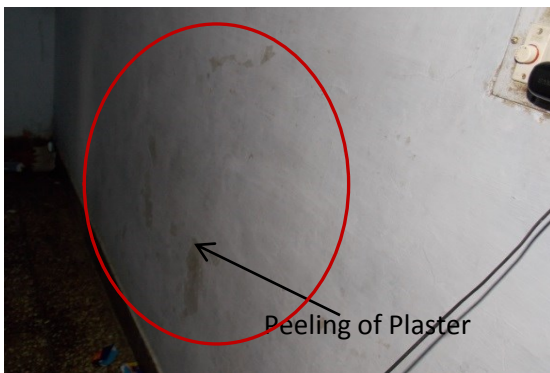


Photo 44
Peeling of Plaster on Wall No.3 of Room No.6 of H.No.1144
First Floor

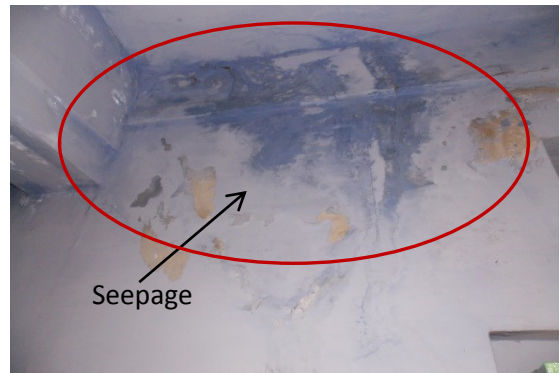


Photo 45
Seepage on Wall No.3 of Room No.9 of H.No.1144
First Floor

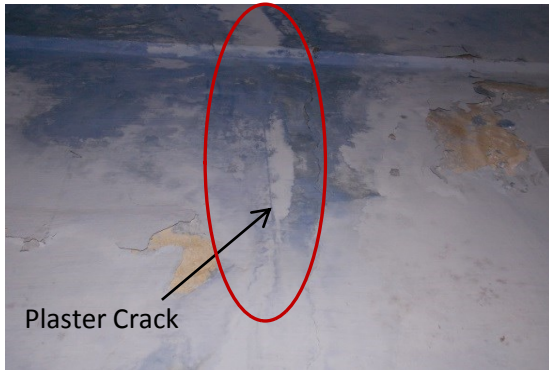


Photo 46
Plaster Crack on Wall No.3 of Room No.9 of H.No.1144
First Floor



Photo 47
Seepage on Wall No.2 of Room No.9 of H.No.1144
First Floor



Photo 48
Peeling of Plaster on Wall No.1 of Room No.9 of H.No.1144
First Floor



Photo 49
Peeling of Plaster on Roof of Room No.9 of H.No.1144
First Floor

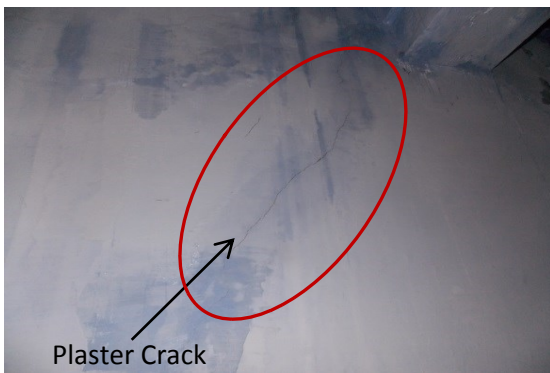


Photo 50
Plaster Crack on Wall No.3 of Room No.9 of H.No.1144
First Floor

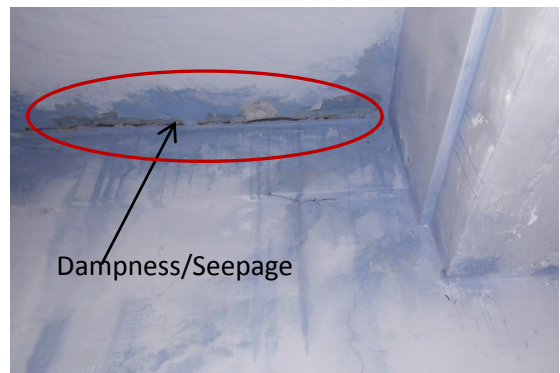


Photo 51
Plaster Crack on Wall No.3 of Room No.9 of H.No.1144
First Floor



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Photo 52
Peeling of Plaster on Wall No.2 of Open Sky of H.No.1144
First Floor



Photo 53
Seepage on Wall No.2 of Open Sky of H.No.1144
First Floor



Photo 54
Seepage on Roof of Open Sky of H.No.1144
First Floor

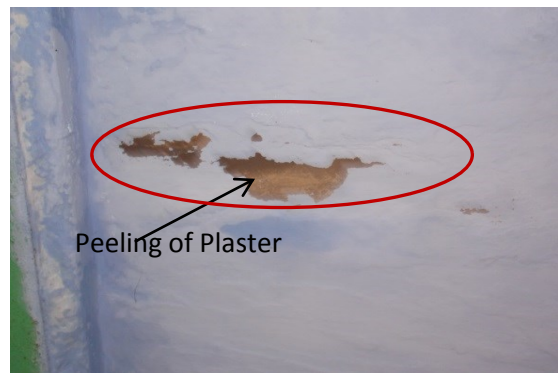


Photo 55
Peeling of Plaster on Roof of Open Sky of H.No.1144
First Floor



Photo 56
Peeling of Plaster on Roof of Washroom of H.No.1144
First Floor

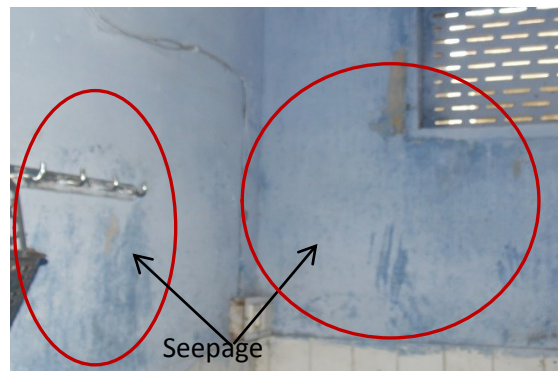


Photo 57
Seepage on Wall No.1 & 4 of Bathroom No.1 of H.No.1144
First Floor



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Photo 58
Peeling of Plaster on Wall No.1 of Balcony of H.No.1144
First Floor



Photo 59
Covered with Almirah, Wall No.2 of Hall No.1 of H.No.1144,
Ground Floor



Photo 60
Half Covered with Tiles, All Walls of Bathroom No.1 of H.No.1144,
Ground Floor



Photo 61
Half Covered with Tiles, All Walls of Bathroom No.5 of H.No.1144,
Ground Floor



Photo 62
Half Covered with Tiles, All Walls of Bathroom No.6 of H.No.1144,
Ground Floor



Photo 63
Locked, Hall No.2 of H.No.1144 & 1145,
First Floor



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Photo 64
Covered with Materials, All Walls of Room No.1 of H.No.1144,
First Floor



Photo 65
Locked, Room No.8 of H.No.1144 & 1145,
First Floor



Photo 66
Covered with Tiles, All Walls of Washroom of H.No.1144
First Floor



Photo 67
Covered with Tiles, All Walls of Bathroom No.1 of H.No.1144
First Floor



Photo 68
Half Covered with Tiles, All Walls of Bathroom No.2 of H.No.1144
First Floor

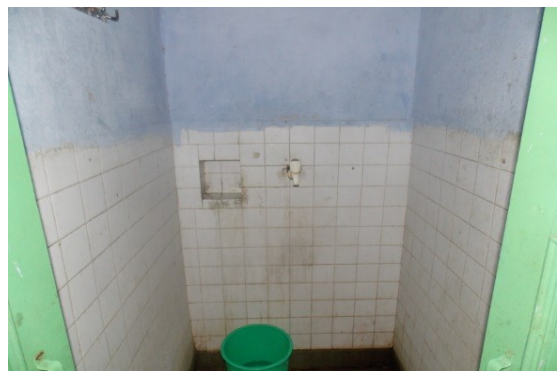


Photo 69
Half Covered with Tiles, All Walls of Bathroom No.3 of H.No.1144
First Floor



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Photo 70
Locked, Toilet No.1 of H.No.1144 & 1145
Terrace



Photo 71
Locked, Toilet No.2 of H.No.1144 & 1145
Terrace

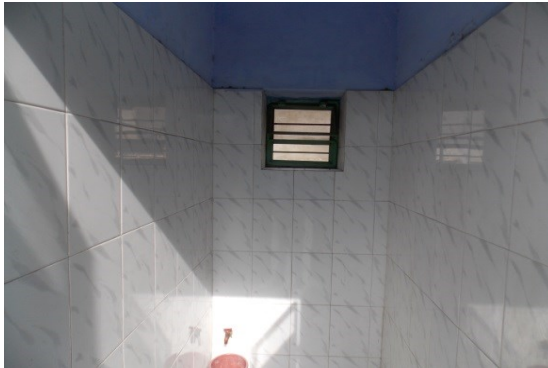


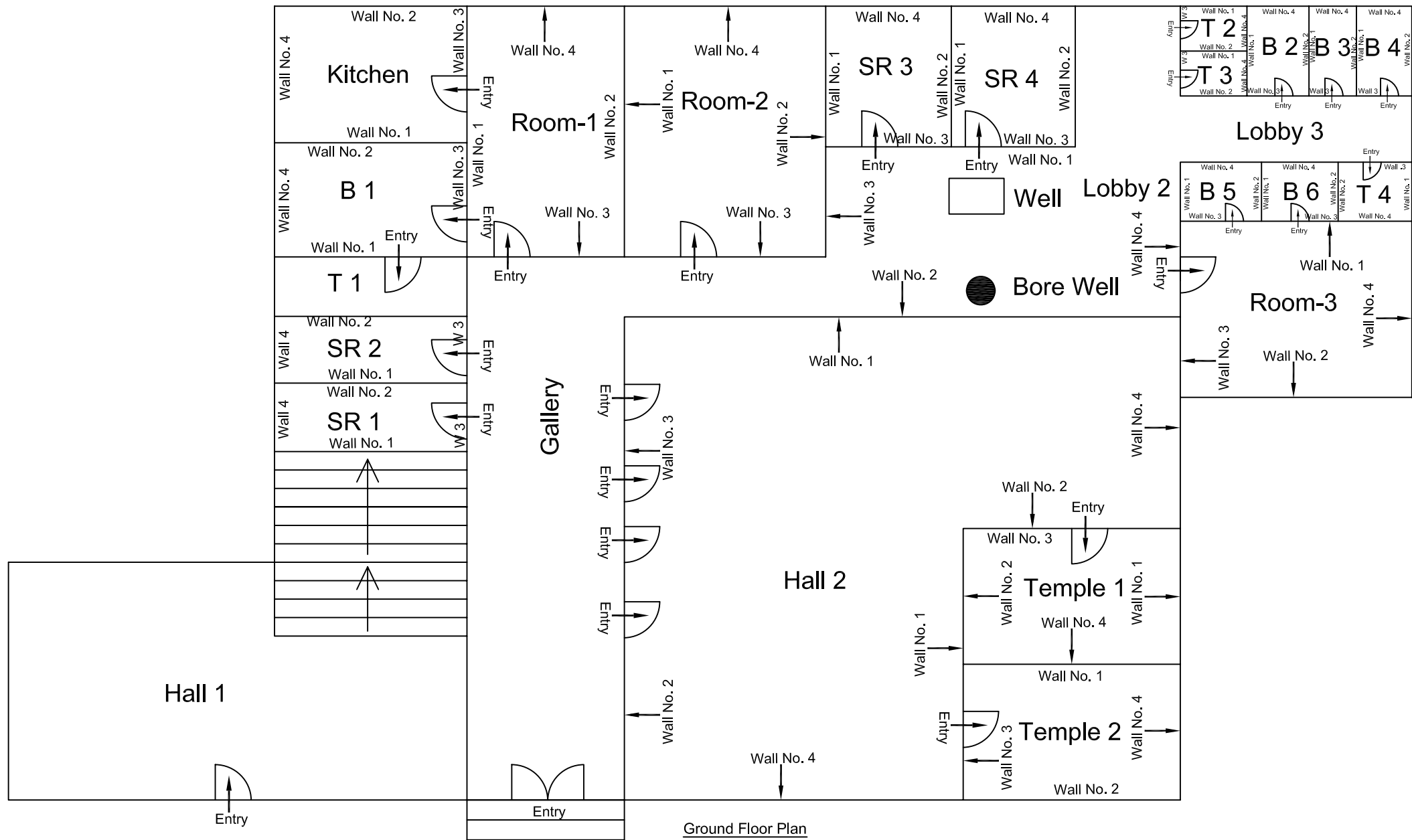
Photo 72
Covered with Tiles, All Walls of Toilet No.3 of H.No.1144
Terrace



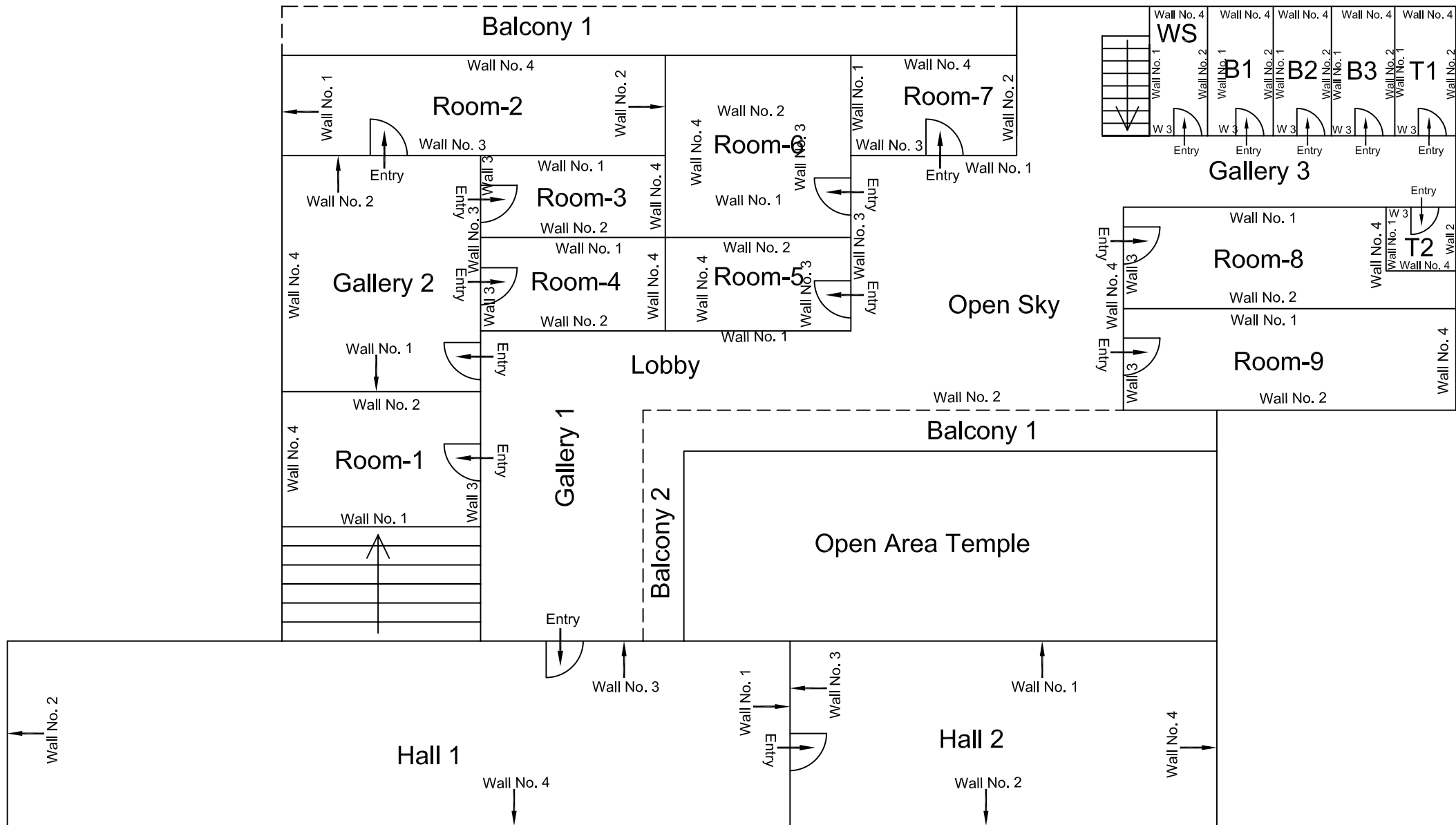
Photo 73
Locked, Bathroom No.1 of H.No.1144
Terrace



Photo 74
Locked, Bathroom No.2 of H.No.1144
Terrace

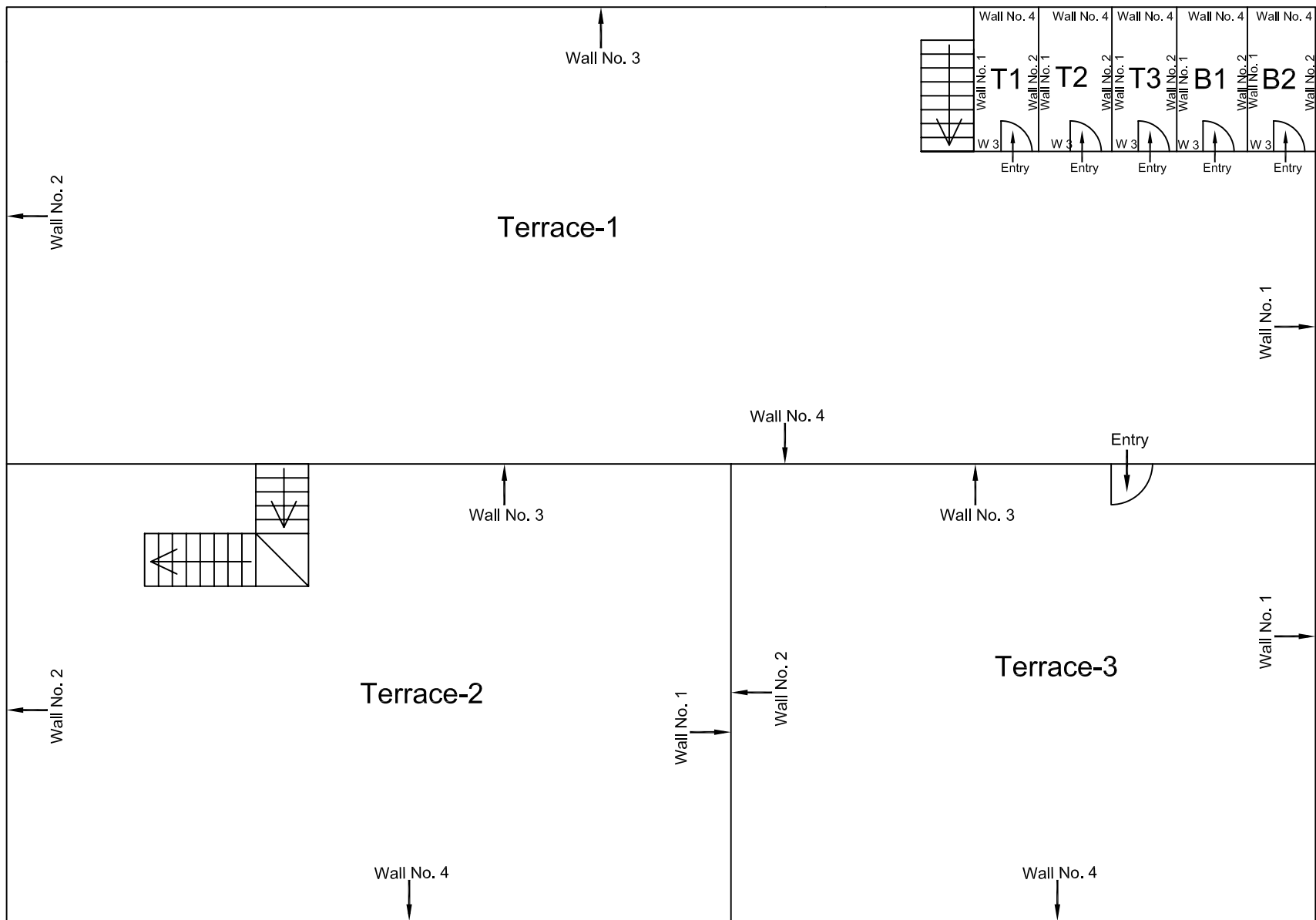


					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
								DRAWING TITLE: Ground Floor Plan of Jain Temple Jain Dharmshala, Uniyaro Ka Rasta, Chandpol Bazar	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0086/ 01
00		NP	Dr. PRC	16.11.2013	CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B			
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 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	
								DRAWING TITLE: First Floor Plan of Jain Temple, Jain Dharmshala, Uniyaro Ka Rasta, Chandpol Bazar	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0086/ 02
00		NP	Dr. PRC	16.11.2013	CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		SCALE: Not to Scale	
Revision	Description of Revision	Drawn By	Approved By	Date				REVISION: R0	



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 Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B		
								DRAWING TITLE: Terrace Floor Plan of Jain Temple Jain Dharmshala, Uniyaro Ka Rasta, Chandpol Bazar		
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING NO.: AIMIL/ESG/12315/ CP-CC-UP /0086/ 03		
00		NP	Dr. PRC	16.11.2013				SCALE: Not to Scale		REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date						