



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. 82
Ramganj Bazaar
Jaipur
Unique ID:BC-RA-DL/0068

Report Number: AIMIL/ESG/JMCEC/BC-RA-DL/0068/FF-SF/01, Rev. 00, Dated: June 2014

Building Owner
Contractor

Mr. Hazi Mobin
CEC

Client
Sub-Contractor

JMRC Limited
AIMIL Limited





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

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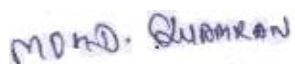
Introduction

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

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

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

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	26/06/2014	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



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

About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 3 floors. The structure was constructed in year 1914 and is 100 years old.

There are 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 2 (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
BC-RA-DL/0068/FF-SF	Above Shop No. 82	Mr. Hazi Mobin	



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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	House above Shop No. 82
2	Building Address	Above Shop No. 82, Ram Ganj Market, Jaipur
3	Year of Construction	1914
4	Number of Floors	G+3
5	Number of Basements	Not known
6	Type of Building	Residential+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



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 House above Shop No. 82, Ground Floor	Horizontal	1.5	2.8	Slight	3
2	Wall No. 2 of Stair GF to FF of House above Shop No.82, Ground floor	Inclined	0.25	0.8	Very Slight	4A & 4B
3	Wall No. 1 to 3 of Stair GF to FF of House above Shop No.82, First floor	Inclined	0.35	2.7	Very Slight	5
4	Wall No. 3 of Stair GF to FF of House above Shop No.82, First floor	Horizontal	1	0.7	Slight	6
5	Wall No. 1 of Stair FF to SF of House above Shop No.82, First floor	Inclined	0.25	1.2	Very Slight	7A & 7B
6	Wall no. 4 of Lobby of House above Shop No.82,Second Floor	Horizontal	2.5	1.8	Very Slight	8A & 8B
Summary of Defects Other Than Crack						
Defect ID	Location	Description				Photo No.
1	Roof of Varandah of House above Shop No. 82, Ground Floor	Plaster Removal				9
2	Roof of Varandah of House above Shop No. 82, Ground Floor	Plaster Crack				10
3	Wall No. 1 & 4 of Room of House above Shop No.82, First floor	Dampness/Seepage				11
4	Wall No. 3 of Stair SF to TF of House above Shop No.82, Second Floor	Plaster Removal				12
5	Wall No.1 of Lobbyof House above Shop No.82, Third Floor	Dampness/Seepage				13
Summary of Areas that Could not be Surveyed						
Serial No.	Location	Description				Photo No.
1	Wall No. 2 & 3 of Room of House above Shop No.82, First floor	Covered with wooden & Glass				14
2	Room of House above Shop No.82,Second floor	Locked				15
2	All Walls of Toilet & Bathroom of House above Shop No.82, Second floor	Covered With Tiles.				16



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



Photo 1

View of Hall of House Above Shop No. 82, Third Floor



Photo 2

View of Hall of House Above Shop No. 82, Third Floor

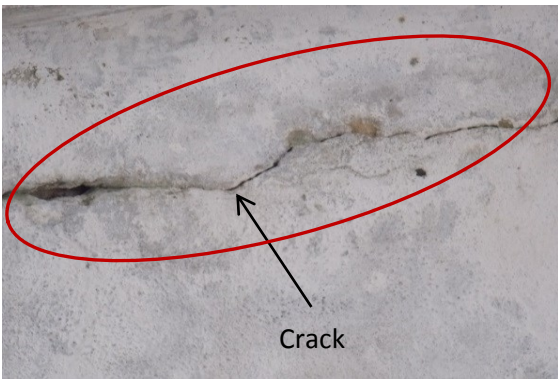


Photo 3

Horizontal Crack on Roof of Varandah of House above Shop No. 82, Ground Floor, Approx. Width = 1.5mm, Approx. Length = 2.8m. Distance from R.H.S. Col. = 0m, Height from Floor = 3m.

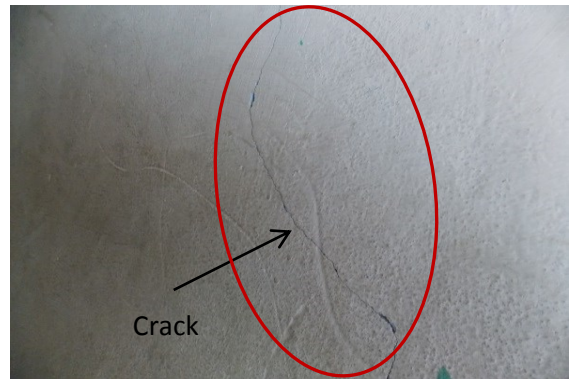


Photo 4A

Inclined Crack on Wall No.2 of Stair GF to FF of House above Shop No.82 Ground floor, Approx. Width = .25mm, Approx. Length = .8m. Distance from Wall No.3 = 3m, Height from Floor = 1.2m.

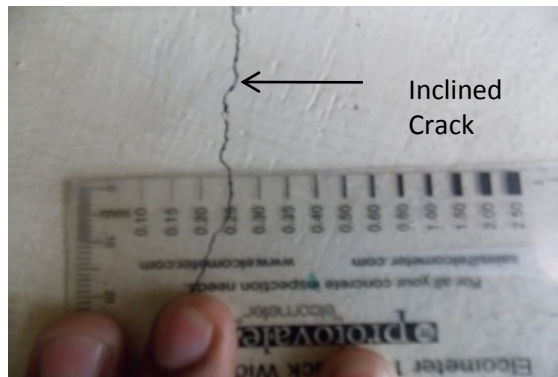


Photo 4B

Inclined Crack on Wall No.2 of Stair GF to FF of House above Shop No.82 Ground floor, Approx. Width = .25mm, Approx. Length = .8m. Distance from Wall No.3 = 3m, Height from Floor = 1.2m.

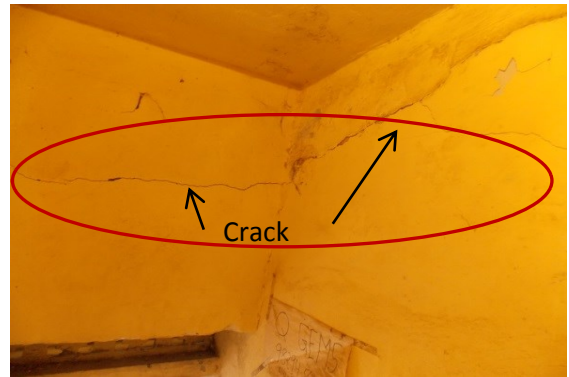


Photo 5

Inclined Crack on Wall No.1 to 3 of Stair GF to FF of House above Shop No.82, First floor, Approx. Width = 0.35mm, Approx. Length = 2.7m. Distance from Wall No. 3 = 0m, Height from Floor = 1.2m.

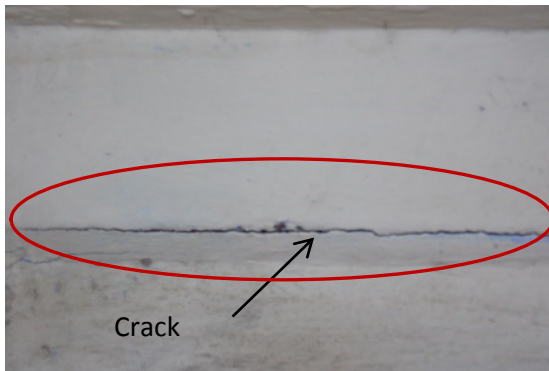


Photo 6

Horizontal Crack on Wall No. 3 of Stair GF to FF of House above Shop No.82, First floor, Approx. Width = 1mm, Approx. Length = 0.70m. Distance from Wall No. 3 = 0m, Height from Floor = 2m.

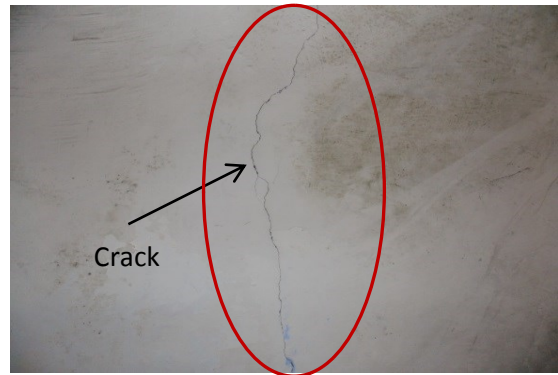


Photo 7A

Inclined Crack on Wall No. 1 of Stair FF to SF of House above Shop No.82, First floor, Approx. Width = 0.25mm, Approx. Length = 1.20m. Distance from Wall No. 4= 2.50m, Height from Floor = 1m.

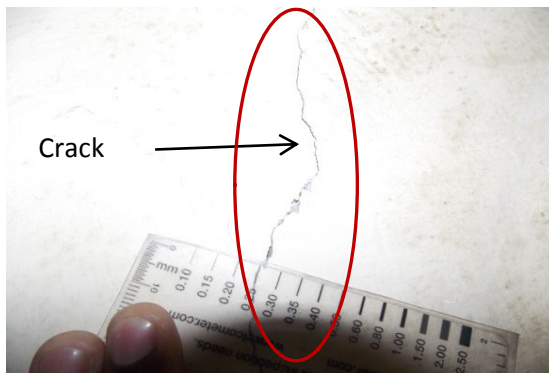


Photo 7B

Inclined Crack on Wall No. 1 of Stair FF to SF of House above Shop No.82, First floor, Approx. Width = 0.25mm, Approx. Length = 1.20m. Distance from Wall No. 4= 2.50m, Height from Floor = 1m.



Photo 8A

Inclined Crack on Wall no. 4 of Lobby of House above Shop No.82, Second Floor, Approx. Width = 2.5mm, Approx. Length = 1.80m. Distance from Wall No.3= 1m, Height from Floor = 0m.

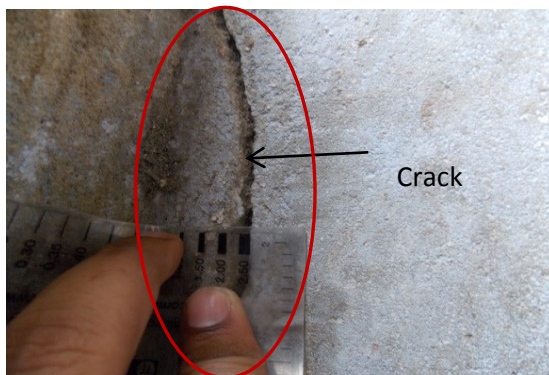


Photo 8B

Inclined Crack on Wall no. 4 of Lobby of House above Shop No.82, Second Floor, Approx. Width = 2.5mm, Approx. Length = 1.80m. Distance from Wall No.3= 1m, Height from Floor = 0m.



Photo 9

Plaster Removal on Roof of Varandah of House above Shop No. 82, Ground Floor

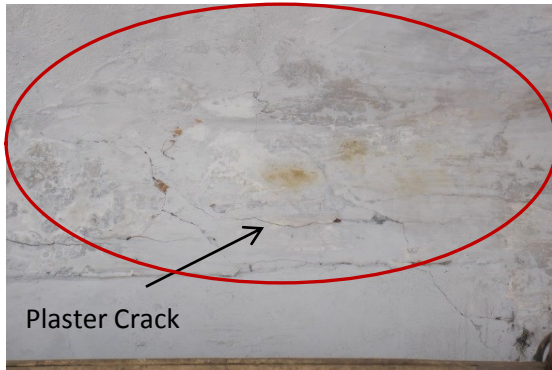


Photo 10

Plaster Crack on Roof of Varandah of House above Shop No. 82, Ground Floor



Photo 11

Dampness/Seepage on Wall No. 1 & 4 of Room of House above Shop No.82, First floor



Photo 12

Plaster Removal on Wall No. 3 of Stair SF to TF of House above Shop No.82, Second Floor



Photo 13

Dampness/Seepage on Wall No.1 of Lobby of House above Shop No.82, Third Floor



Photo 14

Covered with Wooden & Glass, Wall No. 2 & 3 of Room of House above Shop No.82, First floor



Photo 15

Locked, Room of House above Shop No.82, Second floor



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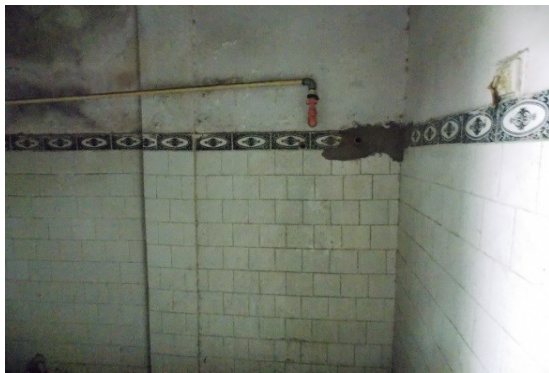
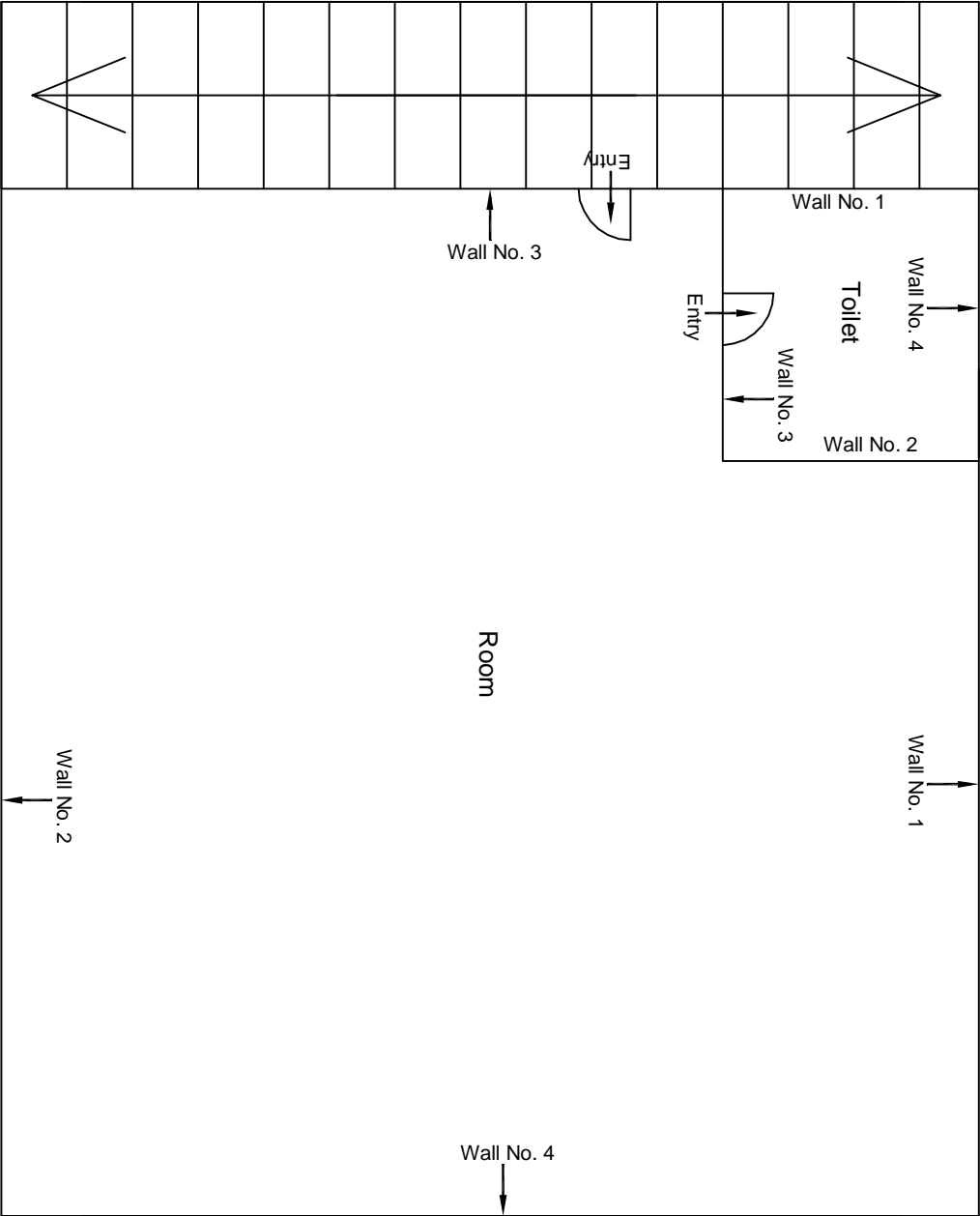


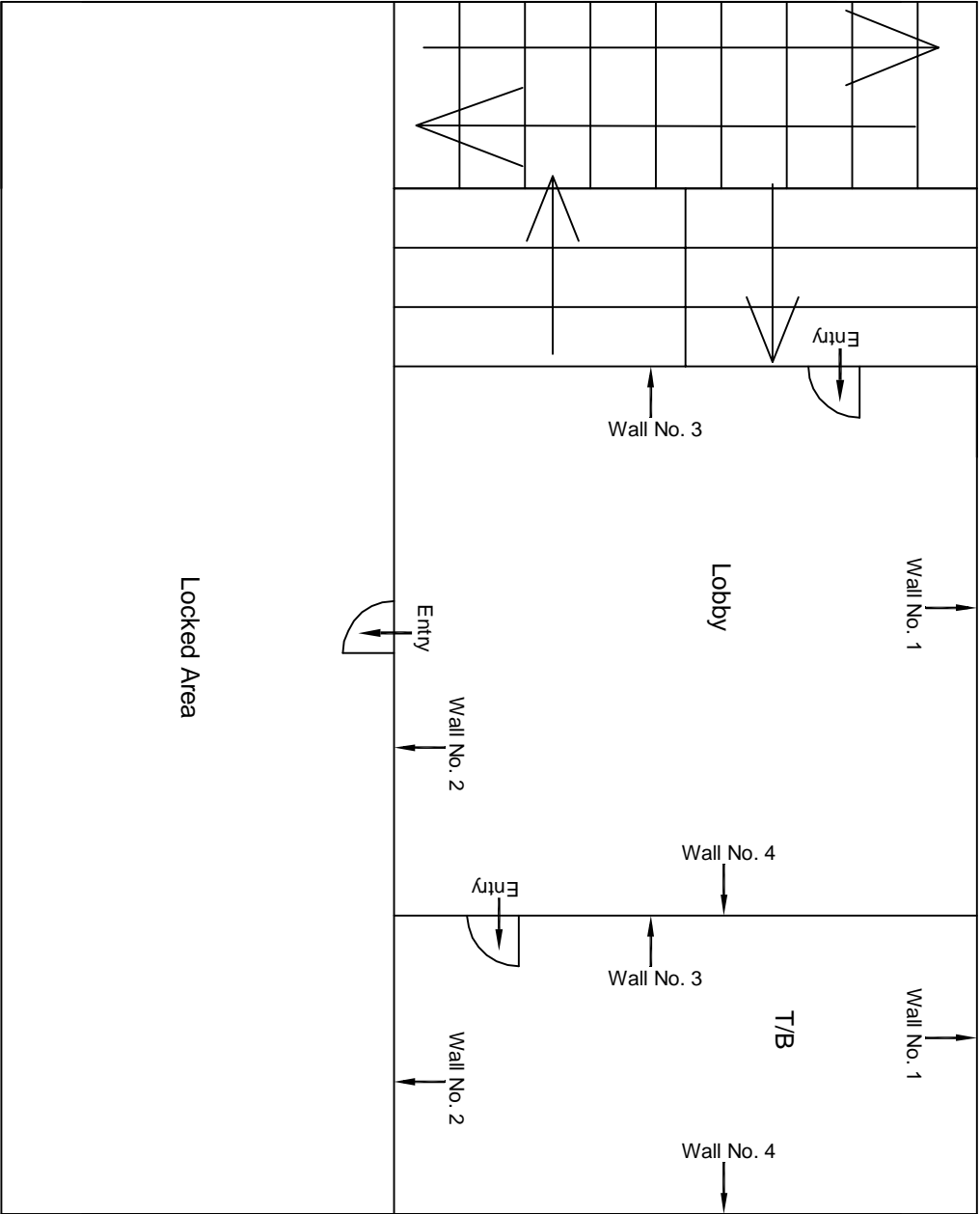
Photo 16

Covered with Tiles, All Walls of Toilet & Bathroom of House above Shop
No.82, Second floor



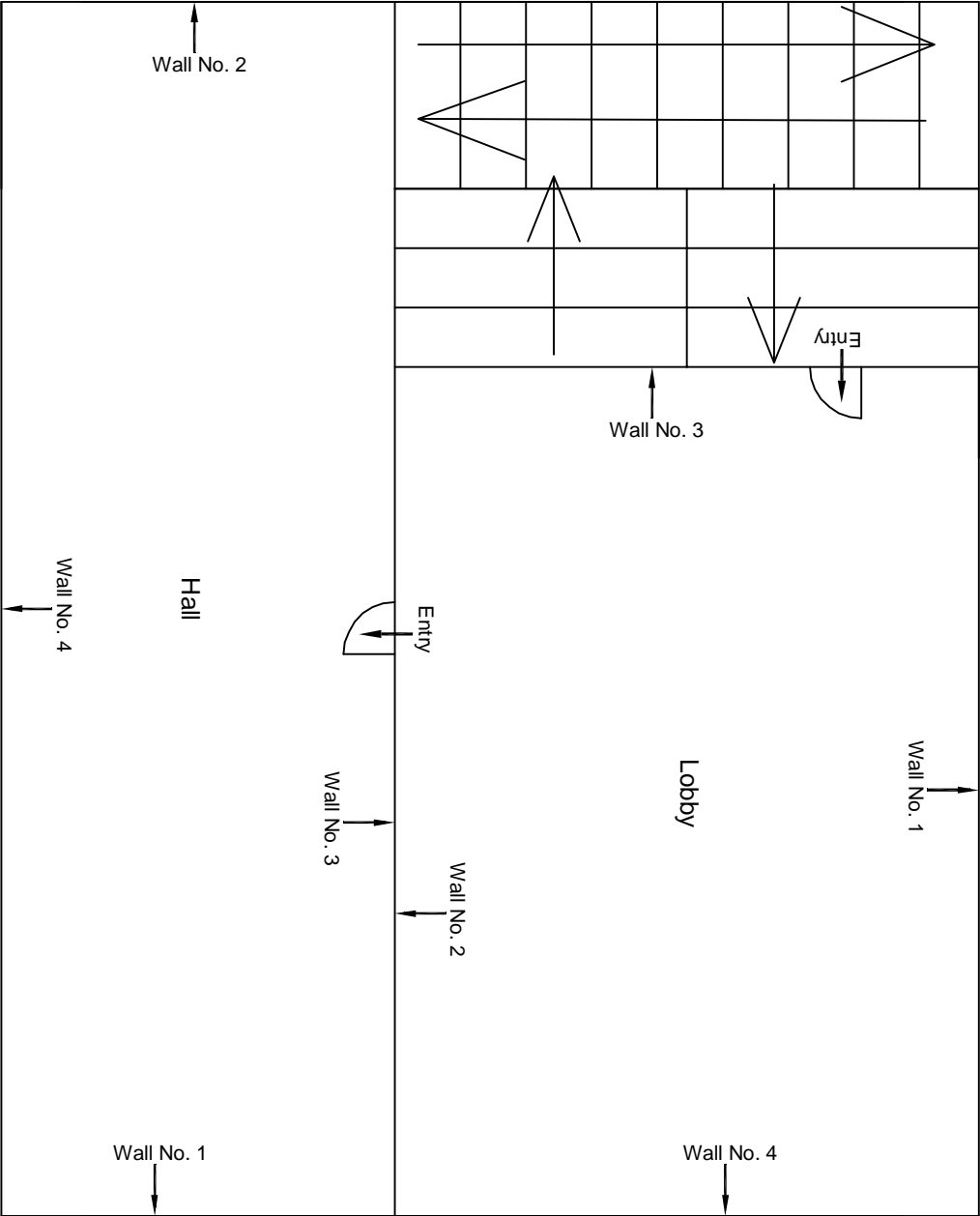
First Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: First Floor Plan of Above Shop No 82 Ramganj Market
								DRAWING NO.: AIML/ESG/12315/BC-RA-DL-0068/F/SF /01
								SCALE: Not to Scale
								REVISION: R0
00		NP	Dr. PRC	16.11.2013				
Revision	Description of Revision	Drawn By	Approved By	Date				



Second Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at 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: Second Floor Plan of Above Shop No 82 Ranganj Market
00		NP	Dr. PRC	16.11.2013				DRAWING NO.: AIMIL/ESG/12315/BC-RA-DL-0068/F/SF /02
Revision	Description of Revision	Drawn By	Approved By	Date				



Third Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Choupar and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: Third Floor Plan of Above Shop No 82 Ranganj Market	
								DRAWING NO.: AIMIL/ESG/12315/BC-RA-DL-0068/FF/SF /03	
00		NP	Dr. PRC	16.11.2013				SCALE: Not to Scale	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date					



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Shop No. G 38, G 35, G 36, F11, S3 & S5
Radhagovind Complex, Maniramji Ki Kothi
Jaipur
Unique ID:BC-RA/DL/0074

Report Number: AIMIL/ESG/JMCEC/BC-RA/DL/0074/27,30,31,71 & 100/01, Rev. 00, Dated: June 2014

Building Owner
Contractor

Various Owners
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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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	26/6/2014	
2	AIMIL Representative	<i>MOHD. SHAMRAN</i>	
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



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

About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 2 floors. The structure was constructed in year 2004 & 10 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
BC-RA/DL/0074/27	Shop No. G 38,R.M. Textiles	Mr. Mukesh	
BC-RA/DL/0074/30	Shop No. G 35,Saniya Worlds Fashion	Mr. Syed Shamim Husain	
BC-RA/DL/0074/31	Shop No. G 36,Vaibav Gotazari	Mr. Kishan	
BC-RA/DL/0074/71	Shop No. F11,A-One Saree Centre	Mr. Isha	
BC-RA/DL/0074/100	Shop No. S3 & S5,Shri Ram	Mr. Ghanshyam Das	



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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. G 38, G 35, G 36, F11, S3 & S5
2	Building Address	Radhagovind Complex, Maniramji Ki Kothi, Jaipur
3	Year of Construction	2004
4	Number of Floors	B+G+2
5	Number of Basements	Not Known
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	10Years
10	Type of Structure	RCC
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



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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.

Summary of Areas that Could not be Surveyed			
Serial No.	Location	Description	Photo No.
1	All Walls of Shop No. G 38, R.M. Textiles, Ground Floor	Covered with Materials	7
2	All Walls of Shop No. G 35, Saniya World Fashion, Ground Floor	Covered with Materials	8
3	All Walls of Shop No. G 36, Vaibav Gota Zari, Ground Floor	Covered with Materials	9
4	All Walls of Shop No. G 36, Vaibav Gota Zari, Ground Floor	Covered with Materials	10
5	All Walls of Shop No. F-11, A-One Saree Centre, First Floor	Covered with Materials	11



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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



Photo 1

Front View of Shop No. G-38, R.M. Textiles, Ground Floor



Photo 2

Front View of Shop No. G-35, Saniya World Fashion, Ground Floor



Photo 3

Front View of Shop No. G-36, Vaibav Gota Zari, Ground Floor



Photo 4

Front View of Shop No. F-11, A-One Saree Centre, First Floor



Photo 5

Front View of Shop No. S-3 & S-5, Shri Ram, Second Floor



Photo 6

General View of Shop No. S-3 & S-5, Shri Ram, Second Floor



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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 Badi Chouper and reversal line

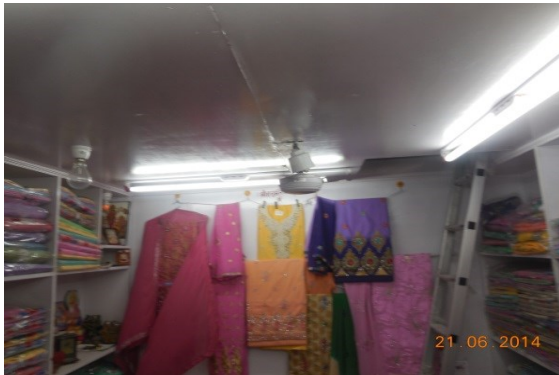


Photo 7

Covered With Materials, All Walls of Shop No. G-38, R.M. Textiles, Ground Floor

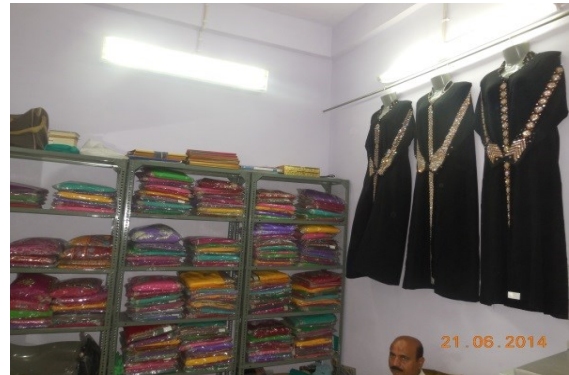


Photo 8

Covered With Materials, All Walls of Shop No. G-35, Saniya World Fashion, Ground Floor



Photo 9

Covered With Materials, All Walls of Shop No. G-36 Vaibhav Gota Zari, Ground Floor



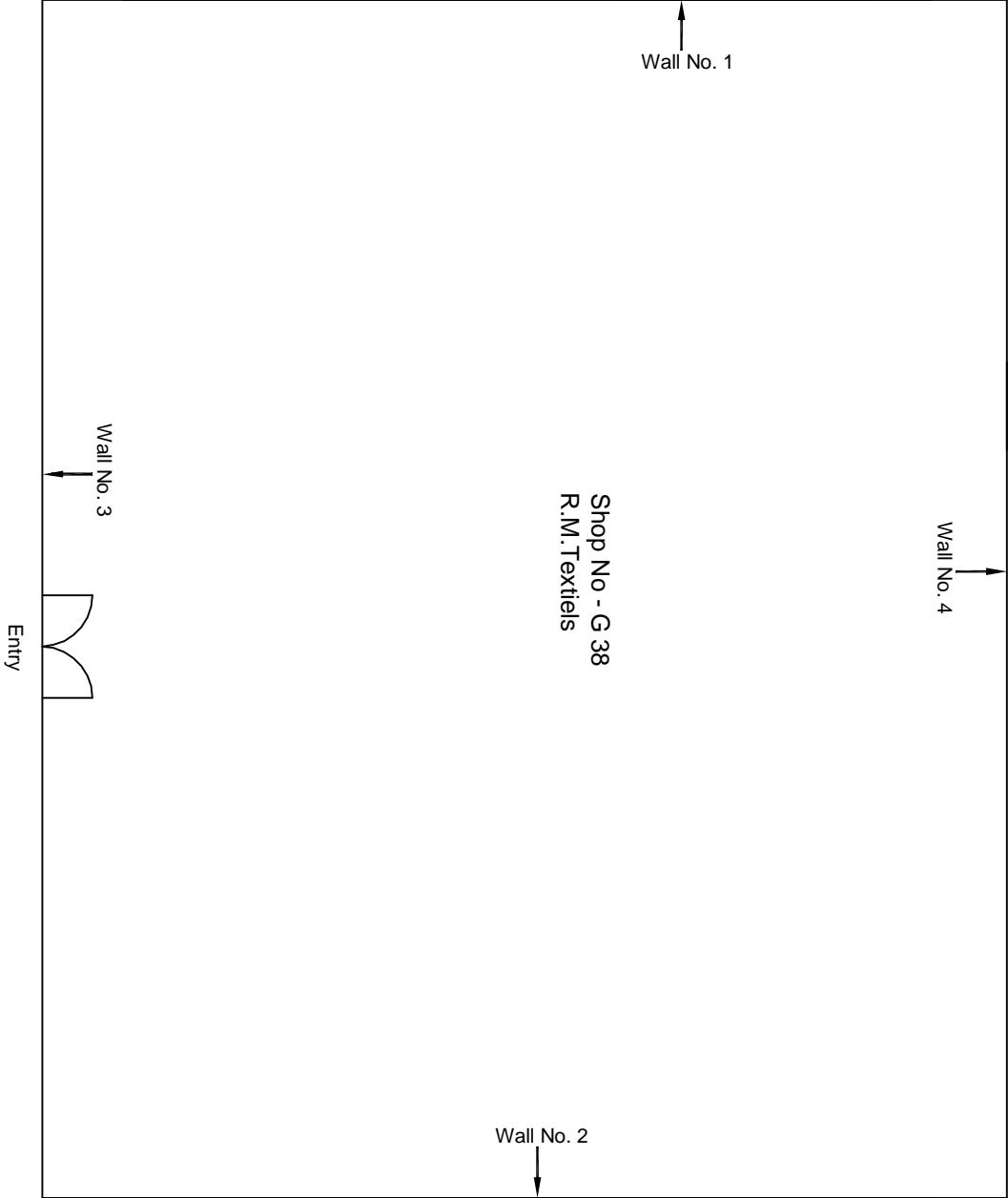
Photo 10

Covered With Materials, All Walls of Shop No. G-36 Vaibhav Gota Zari, Ground Floor



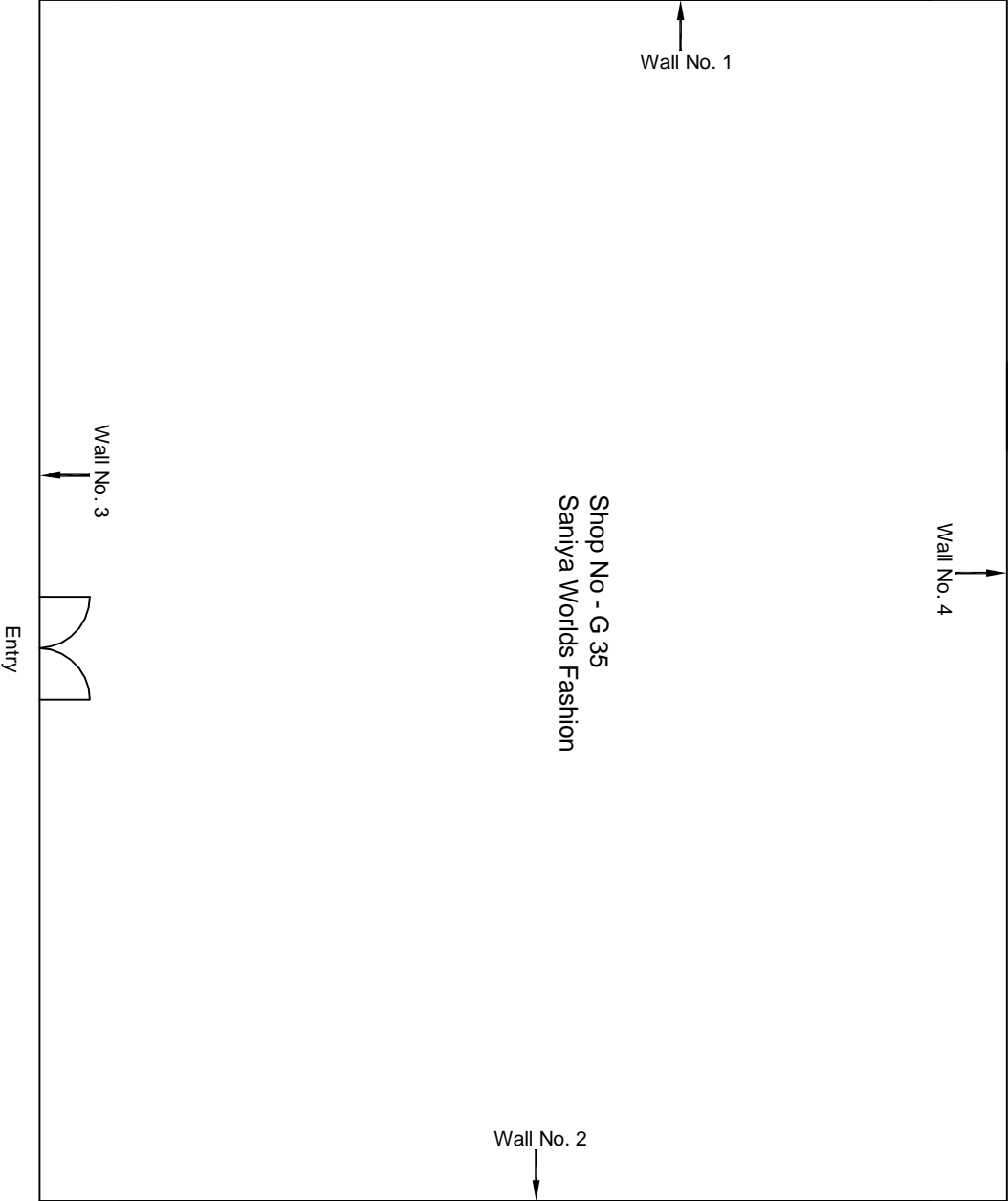
Photo 11

Covered With Materials, All Walls of Shop No. F-11, All in One, First Floor



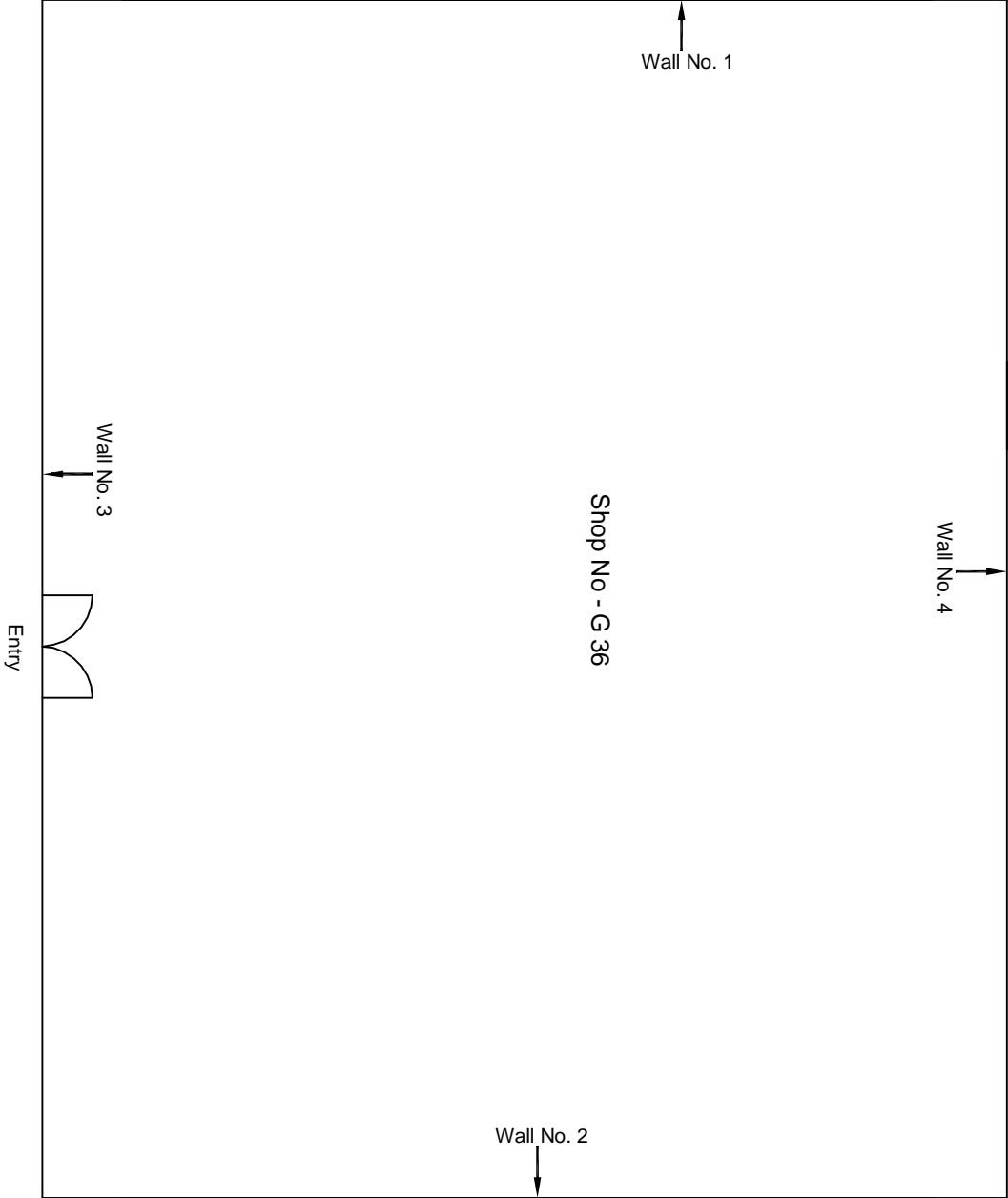
Ground Floor Plan

						CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi 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 G 38 ManiRam Ji Ki Kothi, Ramganj Bazaar	
00		NP	Dr. PRC	16.11.2013					DRAWING NO.: AIMIL/ESG/12315/ BC-RA-DL-0074/27 /01	
Revision	Description of Revision	Drawn By	Approved By	Date					SCALE: Not to Scale	REVISION: R0



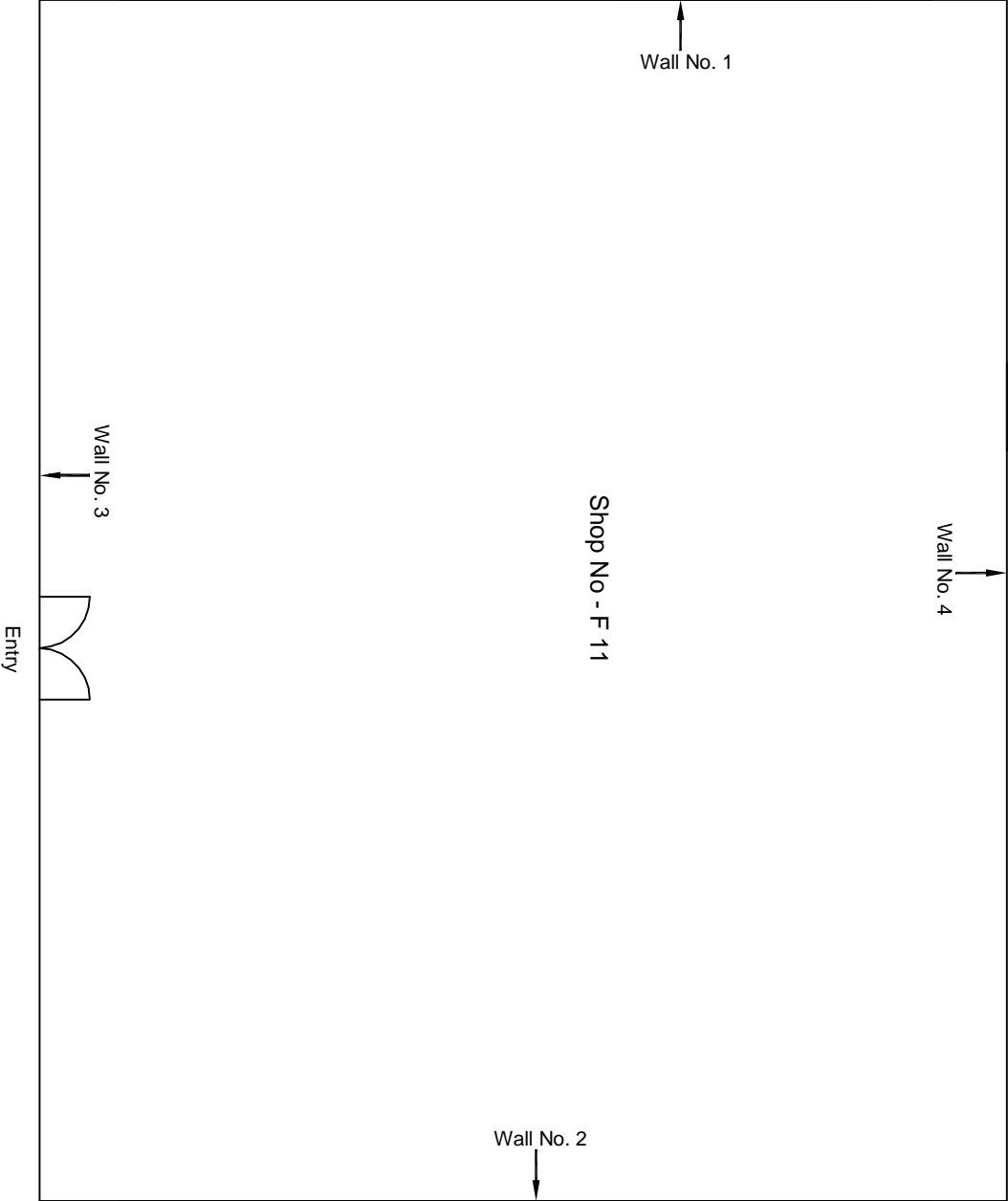
Ground Floor Plan

					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 G 35 Saniya Worlds Fashion Mani Ram Ji Ki Kothi, Ramganj Bazaar	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-DL-0074/30 /01
00		NP	Dr. PRC	16.11.2013					SCALE: Not to Scale	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date						



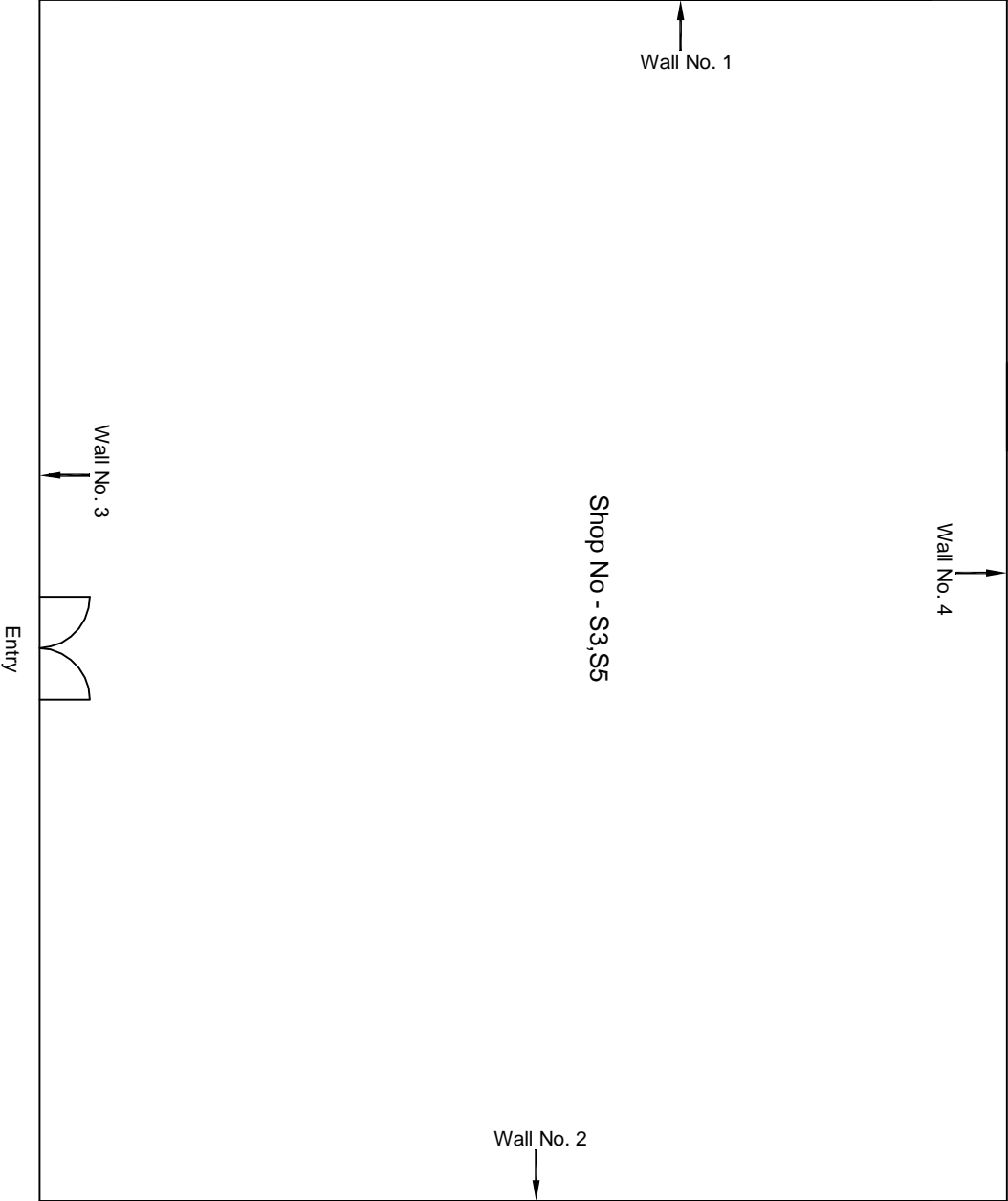
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					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B				
00			NP	Dr. PRC	16.11.2013			DRAWING TITLE: Ground Floor Plan of Shop No G 36 Mani Ram Ji Ki Kothi, Ramganj Bazaar	DRAWING NO.: AIMIL/ESG/12315/ BC-RA-DL-0074/31 /01	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date						



Ground Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: First Floor Plan of Shop No F 11 Mani Ram Ji Ki Kohli, Ramganj Bazaar	
00		NP	Dr. PRC	16.11.2013				DRAWING NO.: AIMIL/ESG/12315/ BC-RA-DL-0074/71 /01	
Revision	Description of Revision	Drawn By	Approved By	Date				SCALE: Not to Scale	REVISION: R0



Ground Floor Plan

						CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
						CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B			
00		NP	Dr. PRC	16.11.2013						
Revision	Description of Revision	Drawn By	Approved By	Date						
									DRAWING TITLE: Second Floor Plan of Shop No S3,S5 Mani Ram Ji Ki Kothi, Ranganj Bazaar	
									DRAWING NO.: AIMIL/ESG/12315/ BC-RA-DL-0074/100 /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. 111, B8&B9,216, 208,209 & 320
H.No.223,Rasta Thakur Pachewar,Ramganj Bazar
Jaipur
Unique ID:BC-RA/DL/0075

Report Number: AIMIL/ESG/JMCEC/BC-RA/DL/0075/B/8,B/9,G(12),FF/03,FF/20 & SF/18/01, Rev. 00, Dated: July 2014

Building Owner
Contractor

Various Owners
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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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		



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

About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 5 floors and a Basement. The structure was constructed in year 1985 & 29 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
BC-RA/DL/0075/B/08	Shop No.B8 ,Al-Fareed Collection	Mr. Mohd. Imran	
BC-RA/DL/0075/B/09	Shop No.B9,Al-Fareed Collection	Mr. Mohd. Imran	
BC-RA/DL/0075/12(G)	Shop No. 111, F.M.Lungi Centre	Mr. Fakir Mohd.	
BC-RA/DL/0075/FF/03	Shop No. 216,Manisha Textiles Godown	Mrs. Manisha	
BC-RA/DL/0075/FF/20	Shop No. 208 & 209,Azizuddin Advocate	Mr. Azizuddin	
BC-RA/DL/0075/SF/18	Shop No.320,Galaxy Gems & Enterprises	Mr. Ahmad Ali	



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. 111, B8,B9,216, 208,209 & 320
2	Building Address	H.No.223,Rasta Thakur Pachewar,Ramganj Bazar
3	Year of Construction	1985
4	Number of Floors	B+G+4
5	Number of Basements	Not Known
6	Type of Building	Commercial
7	Approximate Height	15m
8	Approximate Area	Not Known
9	Age of Building	29Years
10	Type of Structure	RCC
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 from Chandpole to Bari Chouper and reversal line

Pre - Condition Building Survey for Construction of Underground Stations from 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 Shop No. B-08 & 09, Al-Fareed Collection, Basement	Covered with Materials	8
2	All Walls of Shop No. B-08 & 09, Al-Fareed Collection, Basement	Covered with Materials	9
3	All Walls of Shop No.111, F.M.Lungi Centre, Ground Floor	Covered with Materials	10
4	All Walls of Shop No. 216,Manisha Textiles Godown,First Floor	Covered with Materials	11



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

Front View of Shop No.B 8 & B9,Al-Fareed Collection,Basement



Photo 2

Front View of Shop No. 111, F.M.Lungi Centre,Ground Floor



Photo 3

Front View of Shop No. 216,Manisha Textiles Godown, First Floor



Photo 4

Front View of Shop No. 208 & 209,Azizuddin Advocate, First Floor



Photo 5

General View of Shop No. 208 & 209,Azizuddin Advocate, First Floor



Photo 6

Front View of Shop No.320,Galaxy Gems & Enterprises, Second 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

General View of Shop No.320, Galaxy Gems & Enterprises, Second Floor



Photo 8

Covered With Materials, All Walls of Shop No. B-08 & 09, Al-Fareed Collection, Basement



Photo 9

Covered With Materials, All Walls of Shop No. B-08 & 09, Al-Fareed Collection, Basement



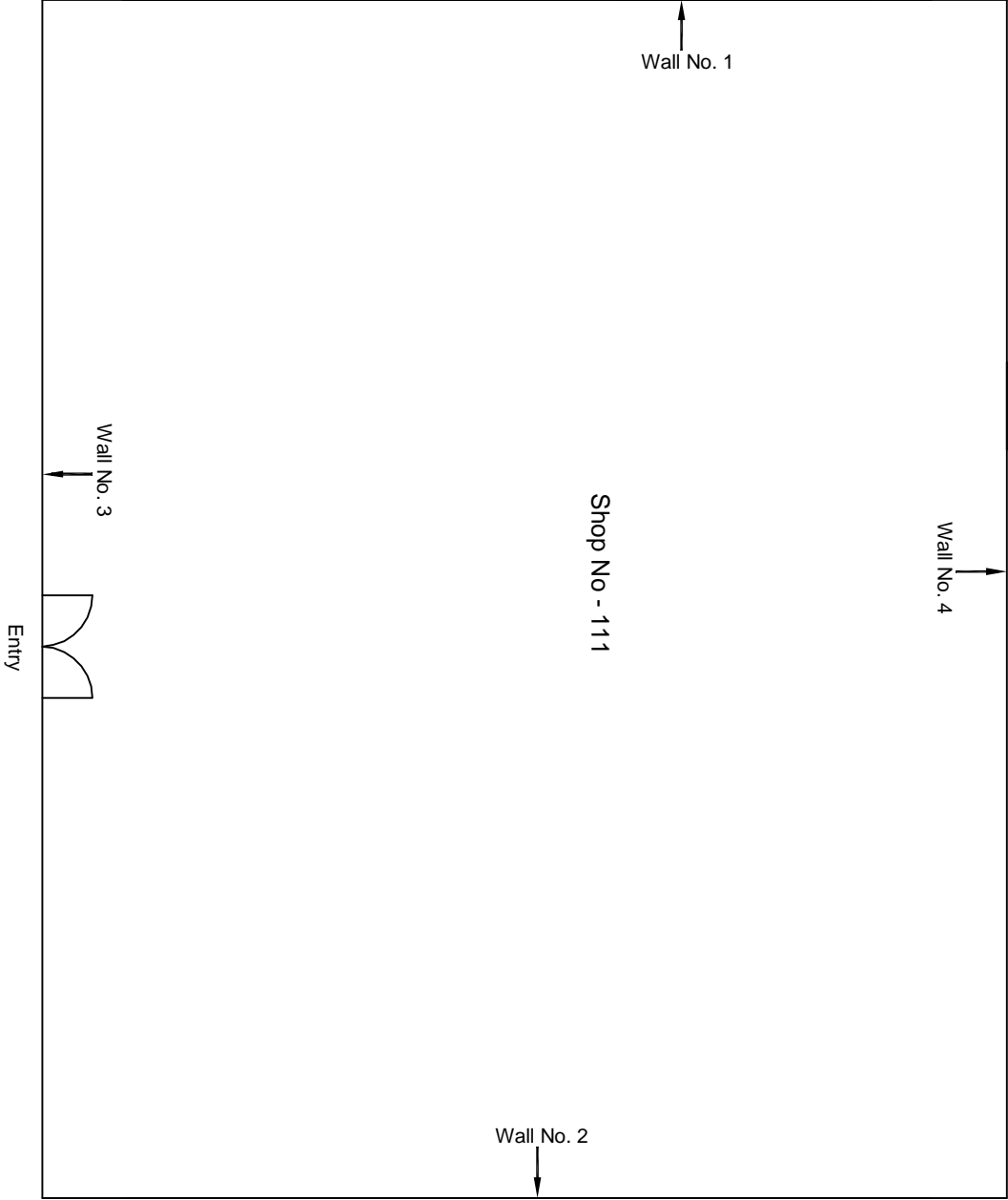
Photo 10

Covered With Materials, All Walls of Shop No.111, F.M.Lungi Centre, Ground Floor



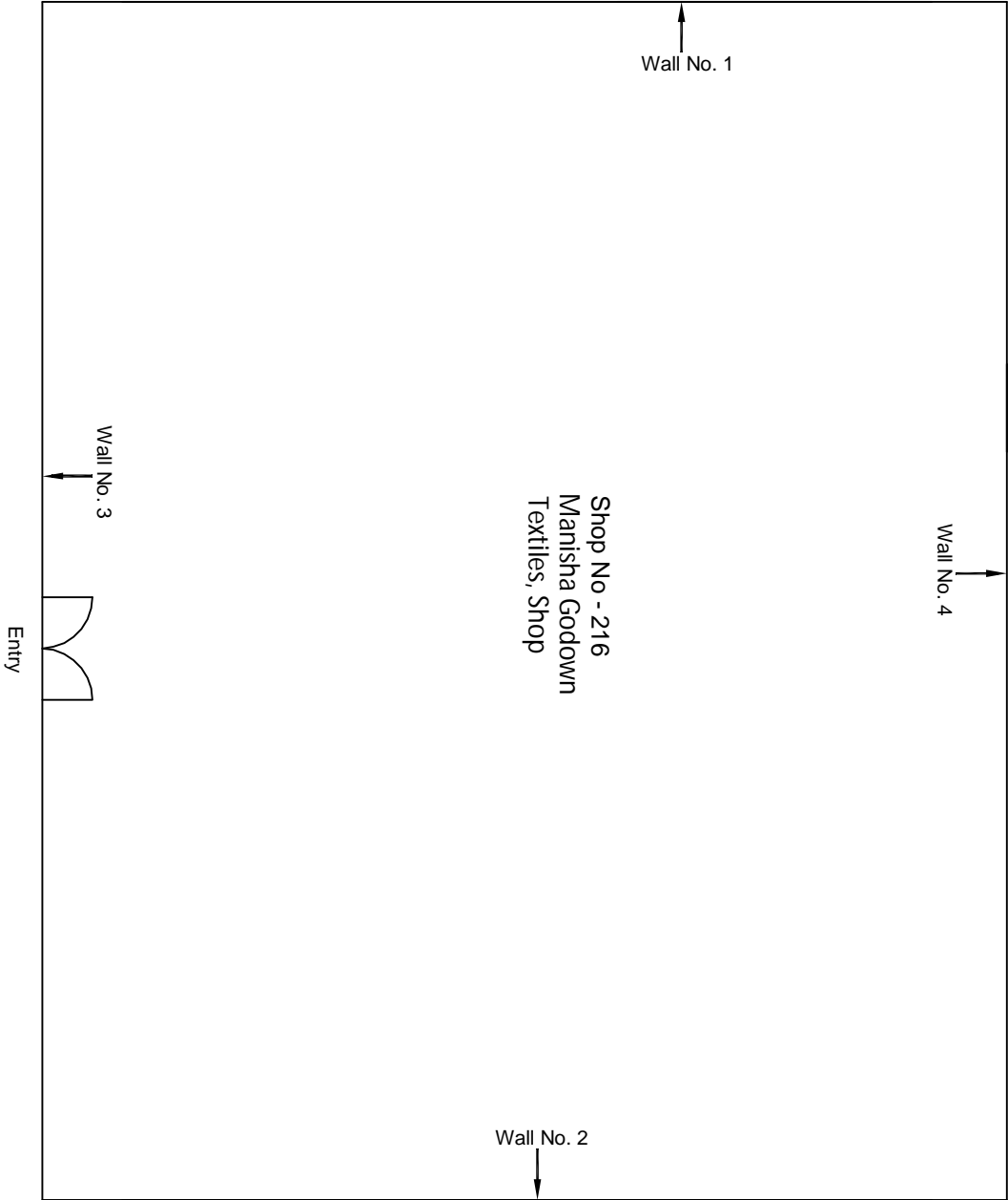
Photo 11

Covered With Materials, All Walls of Shop No. 216, Manisha Textiles Godown, First Floor



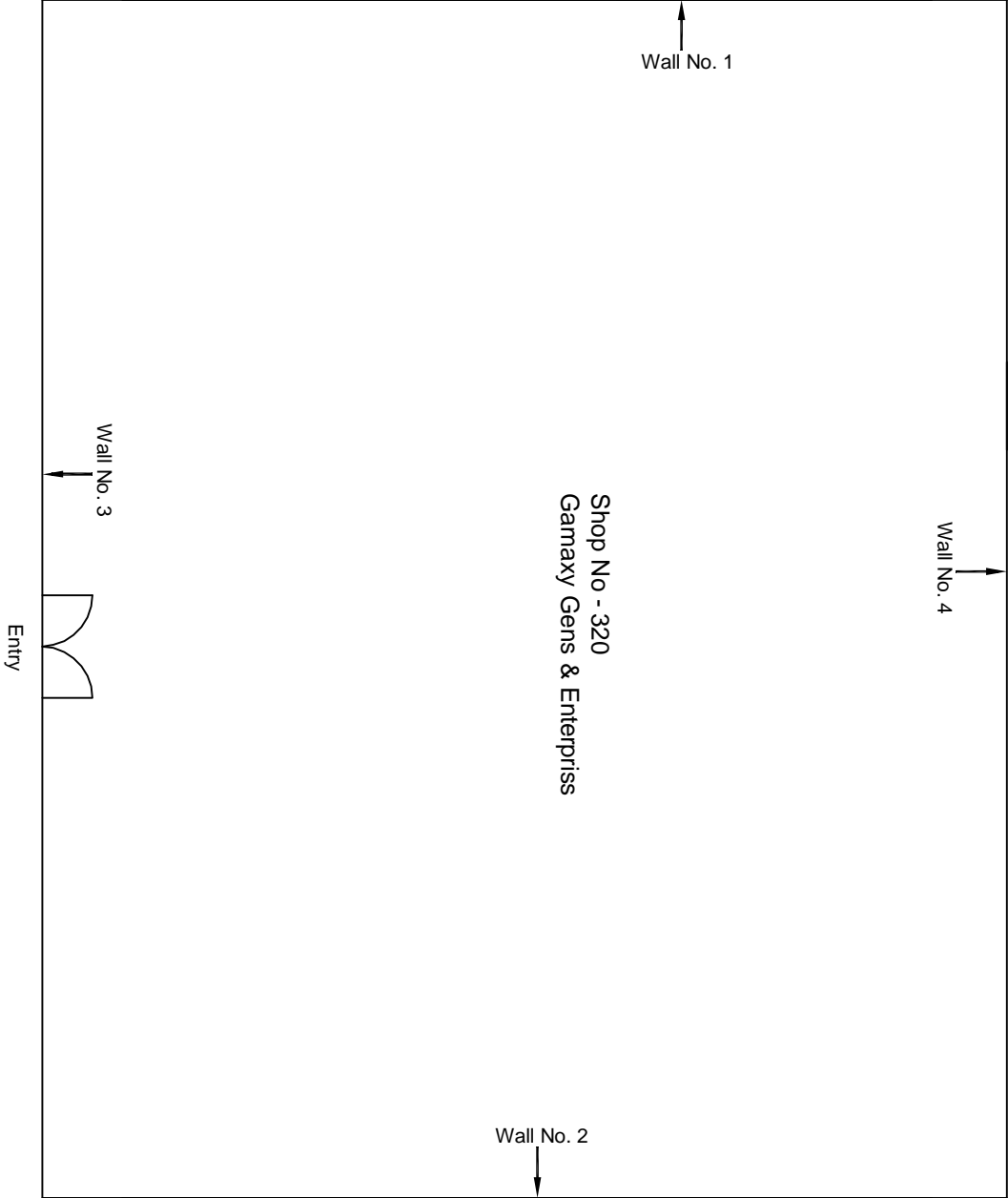
Ground Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi 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 111 Rasta Thakur Pachewar, Ramganj Bazar		
								DRAWING NO.: AIMIL/ESG/12315/ BC-RA-DL-0075/12 G/ 01		
								SCALE: Not to Scale	REVISION: R0	
00		NP	Dr. PRC	16.11.2013						
Revision	Description of Revision	Drawn By	Approved By	Date						



First Floor Plan

					CONSULTANT: OMIKRON KAPPA-INDUS CONSULTRANS JV	MAIN CONTRACTOR: CEC	SUB-CONTRACTOR: AIMIL LIMITED	PROJECT TITLE: Design and Construction of Tunnel between Chandpole & Badi Chouper and reversal line by Shield TBM, Underground Metro Stations at Choti Choupar and Badi Choupar by Cut & Cover methods on East West Corridor of Jaipur Metro Phase 1B	
					CLIENT: DMRC/JMRC	CONTRACT: Jaipur Metro Phase 1B		DRAWING TITLE: First Floor Plan of Shop No 216 Rasta Thakur Pachewar, Ramganj Bazar	
									DRAWING NO.: AIMIL/ESG/12315/ BC-RA-DL-0075/FF 3/01
00		NP	Dr. PRC	16.11.2013				SCALE: Not to Scale	REVISION: R0
Revision	Description of Revision	Drawn By	Approved By	Date					



Second Floor Plan

						CONSULTANT: 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: Second Floor Plan of Shop No 320 Rasta Thakur Pachewar, Ramganj Bazar	
00			NP	Dr. PRC	16.11.2013							DRAWING NO.: AIMIL/ESG/12315/ BC-R-A-DL-0075/SF/18/01	
												SCALE: Not to Scale	
												REVISION: R0	
Revision	Description of Revision	Drawn By	Approved By	Date									