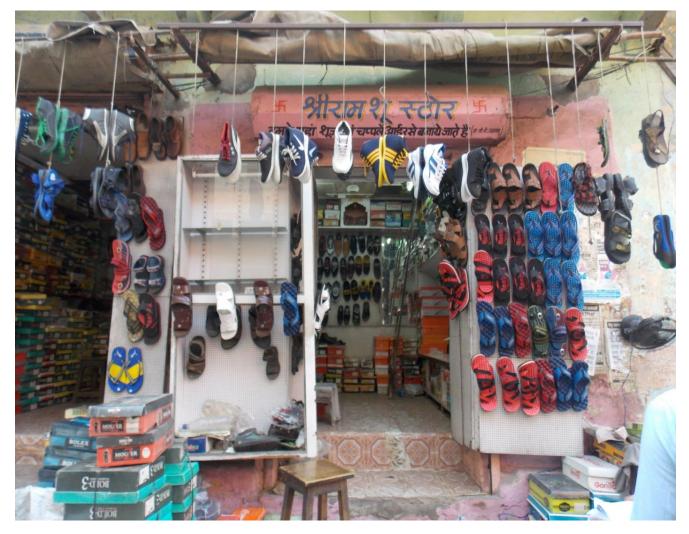


Jaipur Metro Rail Corporation

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



Shop No. 8 Chandpole Bazaar Jaipur Unique ID:CP-CC/DL/0001

Report Number: AIMIL/ESG/JMCEC/CP-CC/DL/0001-8/01, Rev. 00, Dated: July 2014

Building Owner Contractor Mr. Vijay Kumar CEC Client Sub-Contractor JMRC Limited AIMIL Limited







Pre - Condition Building Survey for Construction of Underground Stations from 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 inhabitated 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	THE LIMITE QUINTUN			
2	AIMIL Representative	MOND. QUANKON	* NEW DELT			
3	CEC Representative					
4	Structural Designer of CEC					
5	JMRC/DMRC Representative					







RMETRO 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

About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 2 floors. The structure was constructed in year 1863 & 150 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	33%	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/DL/0001-8	Shop No. 8,Shri Ram Shoe Store	Mr. Vijay Kumar		







Project Deta	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			

S. No.	Head	Particulars	
1	Building Name	Shop No. 8,Shri Ram Shoe Store	
2	Building Address	Chandpole Bazaar, Jaipur	
3	Year of Construction	1863	
4	Number of Floors	G+1	
5	Number of Basements	Not Known	
6	Type of Building	Commercial	
7	Approximate Height	6m	
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	







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	Location Description Photo N			Photo No.	
1	1 External Wall of Shop No. 8, Ground Floor Plaster Removal			1		
	Summary of Areas that Could not be Surveyed					

Serial No.	Location	Description	Photo No.
1	All Walls of Shop No. 8, Ground Floor	Covered with Materials	2
2	Roof of Shop No. 8, Ground Floor	Covered with Wooden Ceiling	3











Photo 1 Plaster Removal on External Wall of Shop No. 8, Ground Floor

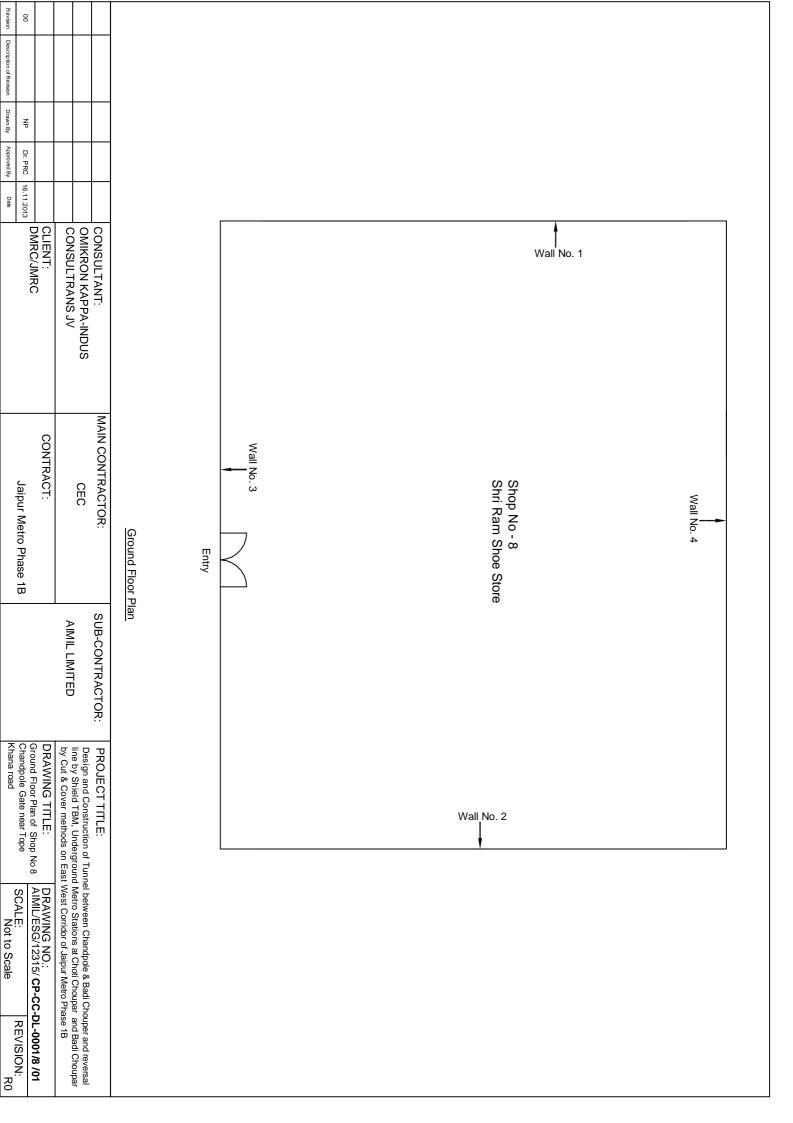
Photo 2 Covered With Materials, All Walls of Shop No. 8, Ground Floor



Photo 3 Covered With Wooden Ceiling, All Walls of Shop No. 8, Ground Floor









o 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



Shop No. 326B Chandpole Bazaar Jaipur Unique ID:CP-CC/DL/0123

Report Number: AIMIL/ESG/JMCEC/CP-CC/DL/0123-326-B/01, Rev. 00, Dated: July 2014

Building Owner Contractor Mr. Mohd. Shameem CEC Client Sub-Contractor JMRC Limited AIMIL Limited







Pre - Condition Building Survey for Construction of Underground Stations from 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 inhabitated 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	THE LIM BACK			
2	AIMIL Representative	MOND. QUIDARAN	* NEW DELIT			
3	CEC Representative					
4	Structural Designer of CEC					
5	JMRC/DMRC Representative					







R 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

About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 2 floors. The structure was constructed in year 1954 & 60 Years Old.

There are 4 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/DL/0123-326-B	Palam Brothers, Shop No. 326B	Mr. Mohd. Shameem		







Project Deta	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			

S. No.	Head	Particulars
1	Building Name	Palam Brothers, Shop No. 326B
2	Building Address	Mr. Mohd. Shameem, Chandpole Bazaar, Jaipur
3	Year of Construction	1954
4	Number of Floors	G+2
5	Number of Basements	Not Known
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	60Years
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







	Summary of Cracks					
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Vrandah Roof of Shop No. 326B, Ground Floor	Horizontal	0.35	2	Very Slight	4
2	Vrandah Beam of Shop No. 326B, Ground Floor	Horizontal	0.15	2.1	Very Slight	5
3	Wall No 2 of Stair GF to Upper GF of Shop No. 326B, Ground Floor	Horizontal	0.25	1.2	Very Slight	6A & 6B

	Summary of Defects Other Than Crack				
Defect ID	Location Description Photo No.				
1 All Walls of Shop No. 326B, Ground Floor Repairing Work 74		7A & 7B			

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







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



Photo 1 View of Upper Ground Floor of Shop No. 326B, Ground Floor



Photo 2 View of First Floor of Shop No. 326B, First Floor



Photo 3 View of Second Floor of Shop No. 326B, Second Floor

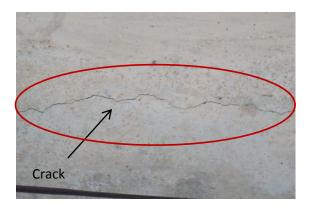


Photo 5 Horizontal Crack on Vrandah Beam of Shop No. 326B, (G.F.), Approx. Width = 0.15mm, Approx. Length = 2.10m. Distance from L.H.Column =1.50m,Height from Floor =3.00m.



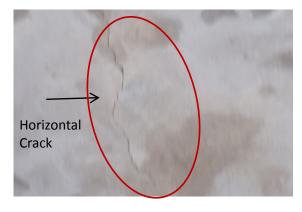


Photo 4 Horizontal Crack on Vrandah Roof of Shop No. 326B,(G.F.), Approx. Width = 0.35mm, Approx. Length = 2.0m. Distance from L.H. Column = 1.20m,Height from Floor =3.00m.

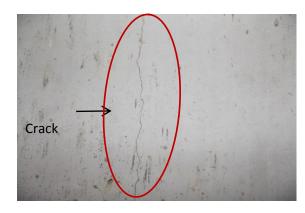


Photo 6A Inclined Crack on Wall No.2 of Stair GF to UGF of (G.F.), Approx. Width = 0.25mm, Approx.Length =1.2m. Distance from Wall No. 4= 0.3m, Height from Floor = 0.2m.





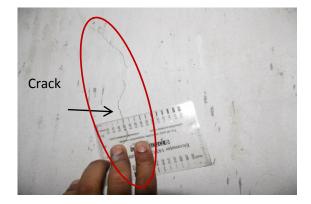


Photo 6B Inclined Crack on Wall No.2 of Stair GF to UGF of (G.F.), Approx. Width = 0.25mm, Approx.Length =1.2m. Distance from Wall No. 4= 0.3m, Height from Floor = 0.2m.



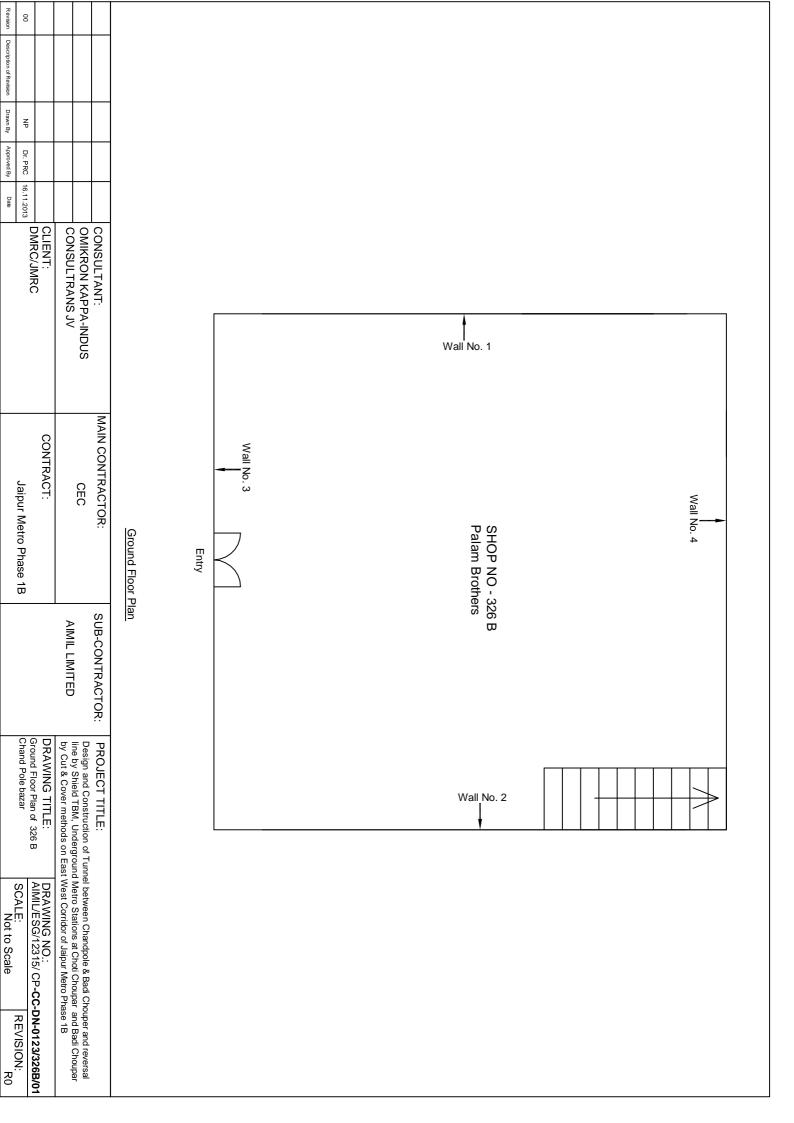
Photo 7A Repairing work on All Walls of Shop No. 326B, Ground Floor

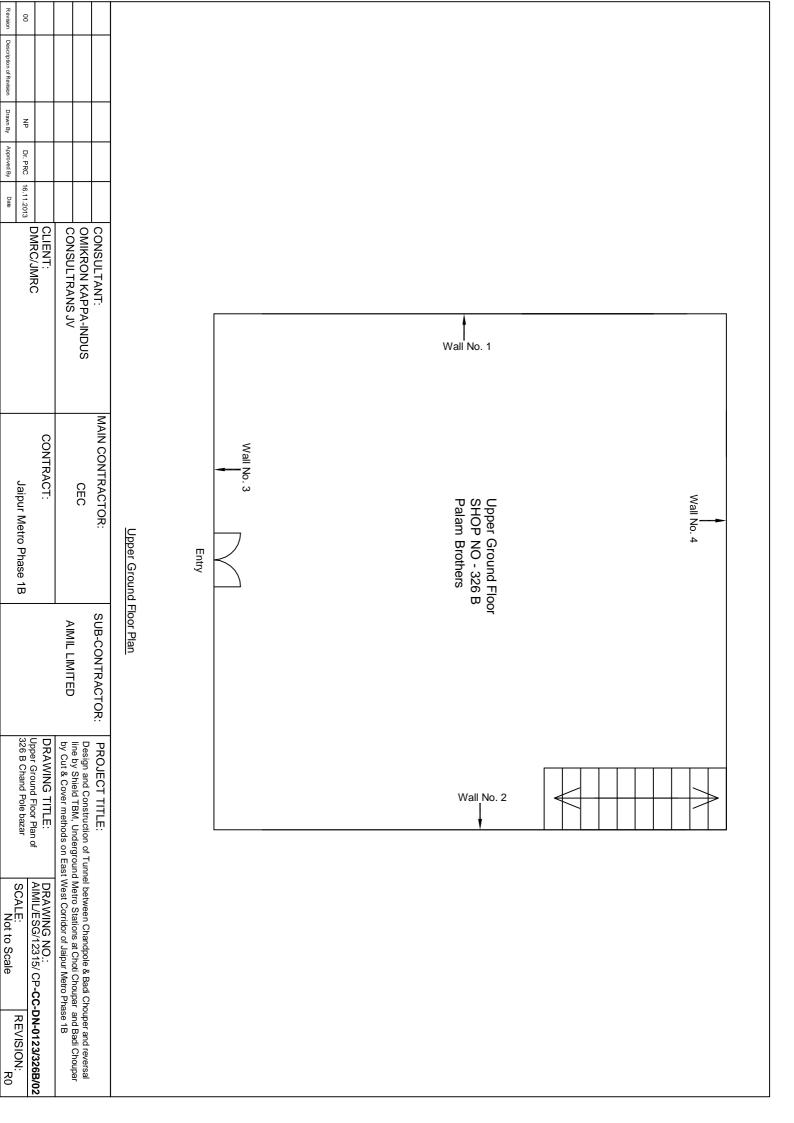


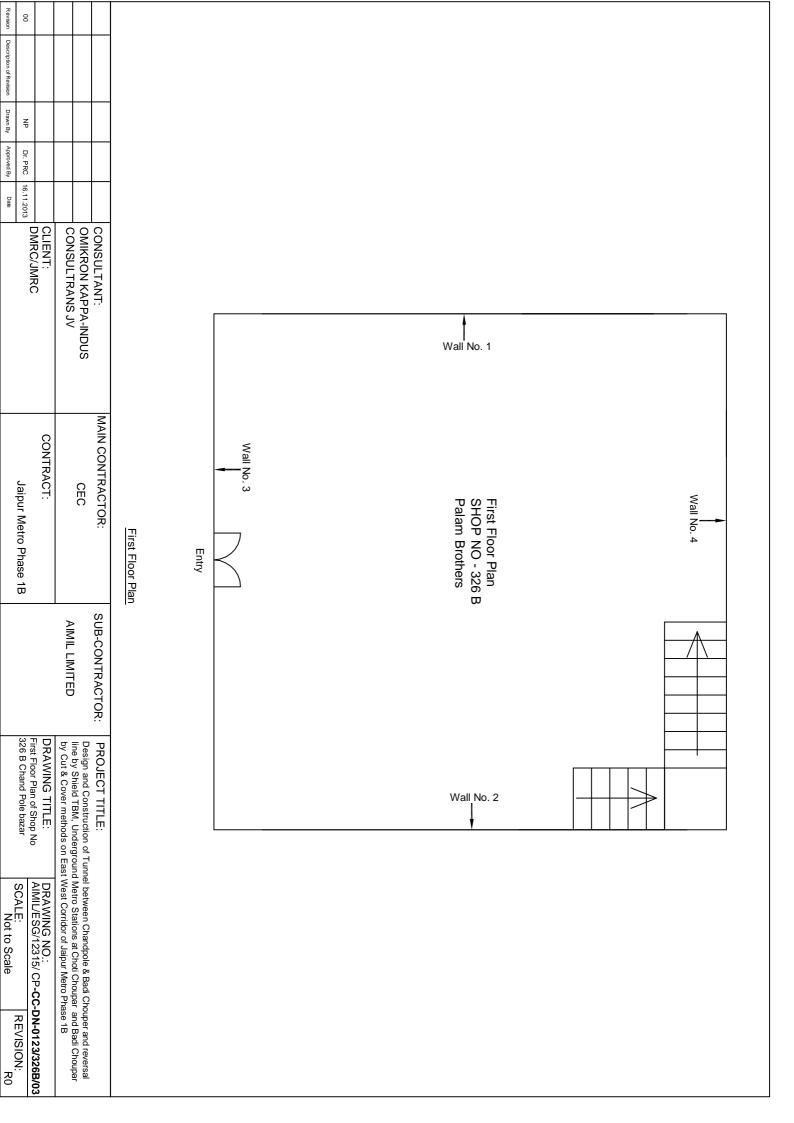
Photo 7B Repairing work on All Walls of Shop No. 326B, Ground Floor

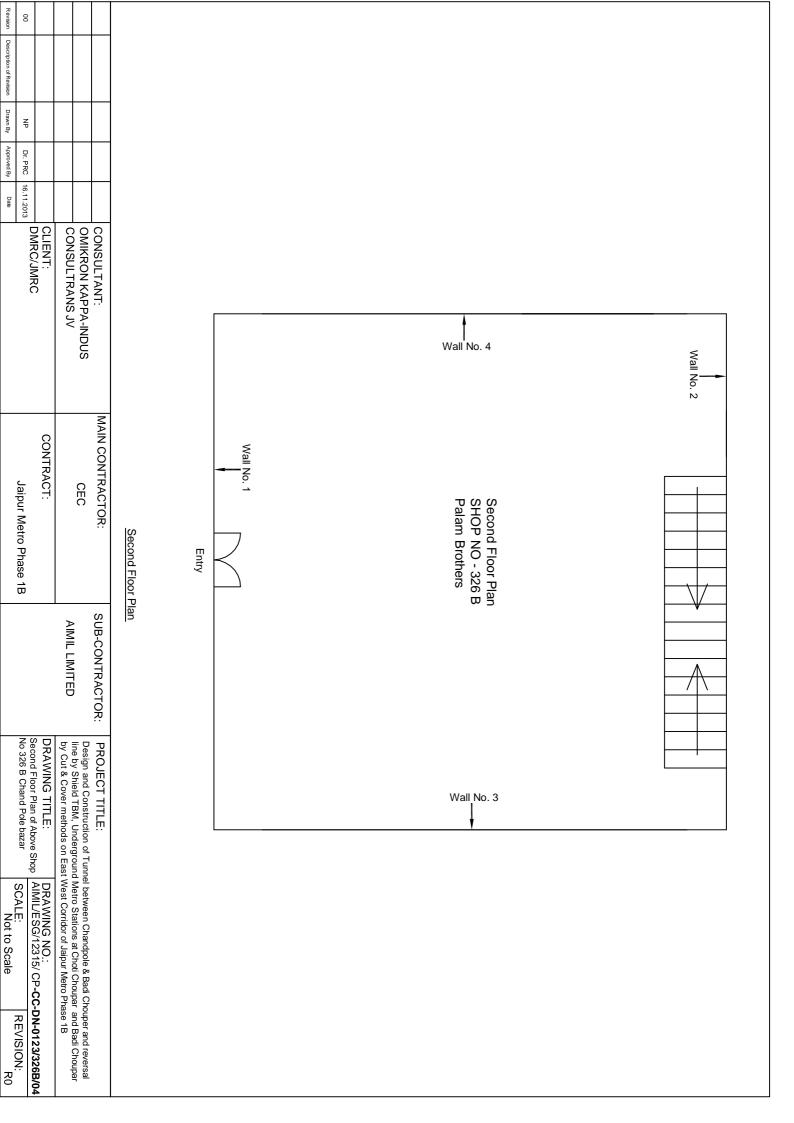














Jaipur Metro Rail Corporation

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



Shop No. 12-13 Chandpole Bazaar Jaipur Unique ID:CP-CC/DL/0121

Report Number: AIMIL/ESG/JMCEC/CP-CC/DL/0121-12 & -13/01, Rev. 00, Dated: July 2014

Building Owner Contractor Mr. Rajesh Khandelwal CEC Client Sub-Contractor JMRC Limited AIMIL Limited







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

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6	General Building Details	4	
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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 inhabitated 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	ALL LIMITO CHANNEL		
2	AIMIL Representative	MOND. QUIDMEAN	* NEW DELI		
3	CEC Representative				
4	Structural Designer of CEC				
5	JMRC/DMRC Representative				







R 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

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 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		
L CP-CC/DL/0121-12	Bahurani Enterprises, Shop No. 12	Mr. Rajesh Khandelwal			
CP-CC/DL/0121-13	Bahurani Enterprises, Shop No.13	Mr. Rajesh Khandelwal			







Project Deta	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			

S. No.	Head	Particulars
3. NU.		
1	Building Name	Bahurani Enterprises, Shop No. 12 & 13
2	Building Address	Khedo Ka Rasta, Chandpole Bazaar, Jaipur
3	Year of Construction	1914
4	Number of Floors	G+2
5	Number of Basements	Not Known
6	Type of Building	Commercial
7	Approximate Height	9m
8	Approximate Area	Not Known
9	Age of Building	100 Years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	Not Known
13	Depth and Diameter of Bore	N.A
14	Roadways	One Sides
15	Presence of Equipment/Machines	None







	Summary of Cracks					
Defect ID	Location	Orientation Appx. Width Appx. Length Category Photo No. (mm)				
	Summary of Defects Other Than Crack					
Defect ID	Location	Description			Photo No.	
1	1 Roof of Shop No. 12 & 13, Ground Floor Dampness			2		
	Summary of Areas that Could not be Surveyed					

Serial No.	Location	Description	Photo No.
1	Wall No. 1 & 4 of Shop No. 12 & 13, Ground Floor	Covered with Materials	3
2	Wall No. 2 & 4 of Shop No. 12 & 13, Ground Floor	Covered with Materials	4









Photo 1 View of Upper Ground Floor of Shop No. 12 & 13

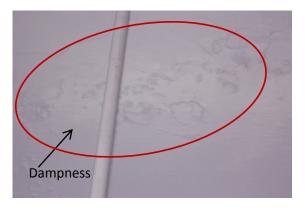


Photo 2 Dampness on Roof of Shop No. 12 & 13, Ground Floor



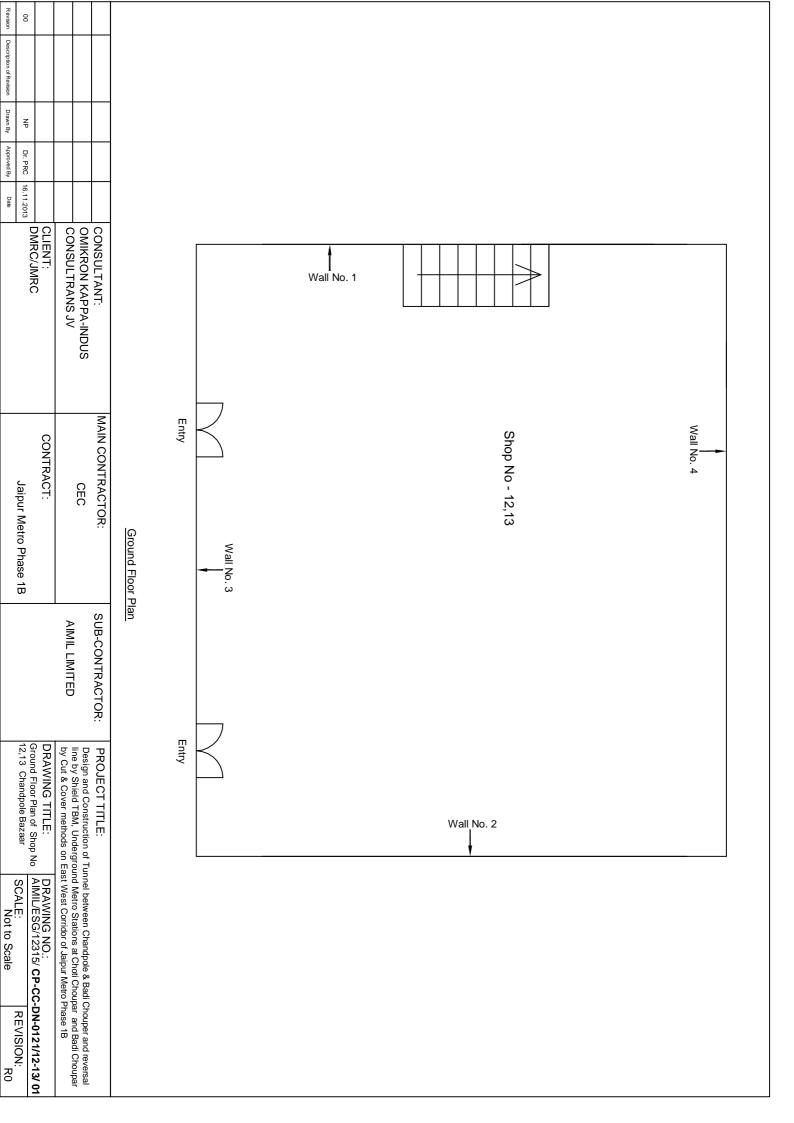
Photo 3 Covered with Materials, Wall No. 1 & 4 of Shop No. 12 & 13, Ground Floor



Photo 4 Covered with Materials, Wall No. 2 & 4 of Shop No. 12 & 13, Ground Floor







00 Revision				
Description of Revision				
NP Drawn By				
Dr. PRC Approved By				
16.11.2013 Date				
	DMRC/JMRC	OMIKRON KAPPA-INDUS CONSULTRANS JV	CONSULTANT:	Wall No. 1
Jaipur Metro Phase 1B	CONTRACT:	CEC	MAIN CONTRACTOR:	Wall No. 4 Wall No. 4
		AIMIL LIMITED	SUB-CONTRACTOR:	Fior Pan Wall No. 2
Shop No 12,13 Chandpole Bazaar	DRAWING TITLE:	Design and Construction of 1 line by Shield TBM, Undergruby Cut & Cover methods on I	PROJECT TITLE:	
SCALE: Not to Scale REVISION: R0	DRAWING NO.: AIMIL/ESG/12315/ CP-CC-DN-0121/12-13/ 02	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		



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



Toilet No. 2 Chandpole Bazaar Jaipur Unique ID:CP-CC/DL/0107

Report Number: AIMIL/ESG/JMCEC/CP-CC/DL/0107-T2/01, Rev. 00, Dated: July 2014

Building Owner Contractor Govt of Rajasthan CEC Client Sub-Contractor JMRC Limited AIMIL Limited







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

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Introduction

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		Survey Details	
S.No.	Head	Particulars	Signatures
1	Date of Survey	26/6/2014	A BAGMMAN
2	AIMIL Representative	MOND. QUIDMEAN	* WEW DELT
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		







R 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

About the Structure

The structure under consideration is a Multi Story Load Bearing Structure having 1 floors. The structure was constructed in year 1994 & 20 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/DL/0107-T2	Toilet No. 2 , Gents Toilet	Govt of Rajasthan	







Project Detai	ls	
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

S. No.	Head	Particulars	
1	Building Name	Toilet No. 2,Gents Toilet	
2	Building Address	Chandpole Bazaar, Jaipur	
3	Year of Construction	1994	
4	Number of Floors	G	
5	Number of Basements	Not Known	
6	Type of Building	Toilet	
7	Approximate Height	3m	
8	Approximate Area	Not Known	
9	Age of Building	20Years	
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	







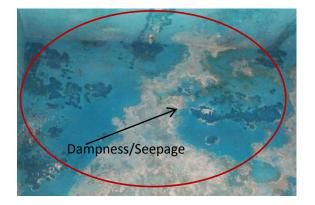
	Summary	/ of Cracks				
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
	Summary of Defec	ts Other Than	Crack			
Defect ID	Location	Description		Photo No.		
1	Wall No. 4 of Lobby, Toilet No. 2, Ground Floor	Dampness/Seapage		1		
2	Roof of Lobby of Toilet No. 2, Ground Floor	Dampness/Se	eapage			2
3	Outerwall No. 3 of Lobby, Toilet No. 2, Ground Floor	Plaster Remo	val			3
4	Roof & Wall No. 3 of Lobby, Toilet No. 2, Ground Floor	Dampness/Se	eapage			4

	Summary of Areas that Could not be Surveyed				
Serial No.	Location	Description	Photo No.		
1	All Walls of T-1 of Toilet No. 2, Ground Floor	Covered with Tiles	5		









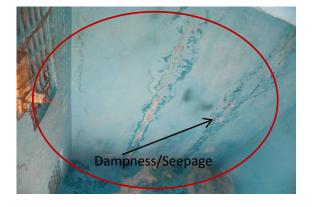


Photo 1 Dampness/Seapage on Wall No. 4 of Lobby, Toilet No. 2, Ground Floor

Photo 2 Dampness/Seapage on Roof of Lobby of Toilet No. 2, Ground Floor



Dampness/Seepage

Photo 3 Plaster Removal on Outerwall No. 3 of Lobby, Toilet No. 2, Ground Floor

Photo 4 Dampness/Seapage on Roof & Wall No. 3 of Lobby, Toilet No. 2, Ground Floor



Photo 5 Covered With Tiles, All Walls of T-1 of Toilet No. 2, Ground Floor





Image: Main Contractor: Main Contractor: Main Contractor: CEC Main Contractor: CEC Consultrans JV CEC Consultrans JV CEC Consultrans JV CLIENT: Dr. PRC 16.11.2013
CONSULTANT: MAIN CONTRACTOR: OMIKRON KAPPA-INDUS CEC CONSULTRANS JV CLIENT: CONTRACT:
MAIN CONTRACTOR: CEC CONTRACT:
MAIN CONTRACTOR: CEC
MAIN CONTRACTOR:

