



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.362-363
Choti Choper
Jaipur
Unique ID: CC-BC-DL-0008

Report Number: AIMIL/ESG/JMCEC/CC-BC-DL-0008/02/Verandah, Rev. 02, Dated: October, 2014

Building Owner
Contractor

Various Owners
CEC

Client
Sub-Contractor

JMRC Limited
AIMIL Limited





JAIPUR METRO Jaipur Metro Rail Corporation

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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	18/10/2014	
2	AIMIL Representative		
3	CEC Representative		
4	Structural Designer of CEC		
5	JMRC/DMRC Representative		



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

About the Structure

The structure under consideration is a Single storey Load Bearing Structure. The structure was constructed in year 1913 and is 101 years old.

There are 10 defects in the structure out of which 4 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	2	50%
Slight (1 to 5mm)	2	50%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 1.34mm and average length of cracks is 2.13m. The maximum crack width is 3.0mm and minimum width is 0.25mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
CC-BC-DL-0008/362	Jagram ganga Sahay	Mr.Prem Mohan Sanjay Bakshi	
CC-BC-DL-0008/363	Chunni Lal Kalyan Baksh	Mrs.Suraj Devi Baksh	



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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.362-363
2	Building Address	Shop, Choti Choper, Jaipur
3	Year of Construction	1913
4	Number of Floors	G
5	Number of Basements	One
6	Type of Building	Commercial
7	Approximate Height	3m
8	Approximate Area	Not Known
9	Age of Building	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	N.A
14	Roadways	One Side
15	Presence of Equipment/Machines	None



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Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof of Verandah of S.No.362,Ground Floor	Horizontal	0.6	2.5	Very Slight	3
2	Int.Beam of Verandah of S.No.362,Ground Floor	Horizontal	1.5	2	Slight	4
3	Roof of Verandah of S.No.363,Ground Floor	Horizontal	0.25	1.5	Very Slight	9
4	Roof of Verandah of S.No.363,Ground Floor	Horizontal	3	2.5	Slight	10

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Roof of Verandah of S.No.362,Ground Floor	Dampness/Seepage	5
2	Roof of Verandah of S.No.362,Ground Floor	Joint Gap	6
3	Ext.Beam of Verandah of S.No.362,Ground Floor	Dampness/Seepage	7
4	Roof & Int.Beam of Verandah of S.No.362,G. Floor	Plaster Removal	8
5	Roof of Verandah of S.No.363,Ground Floor	Dampness/Seepage	11
6	Ext.Beam of Verandah of S.No.363,Ground Floor	Dampness/Seepage	12



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Photo 1
View of Shop No.362



Photo 2
View of Shop No.363



Photo 3
Horizontal Crack on Roof of Verandah of S.No.362,(G. Floor)
Approx. Width = 0.60mm, Approx.Length = 2.50m.
Distance from Left Ext.Col. =0m, Height from Floor =2.80m.



Photo 4
Horizontal Crack on Int.Beam of Verandah of S.No.362,(G. Floor)
Approx. Width = 1.50mm, Approx.Length = 2.0m.
Distance from Right Int.Beam =0m, Height from Floor =2.70m.



Photo 5
Dampness/Seepage on Roof of Verandah of S.No.362,
Ground Floor



Photo 6
Joint Gap on Roof of Verandah of S.No.362,
Ground Floor



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Photo 7

Dampness/Seepage on Ext.Beam of Verandah of S.No.362, Ground Floor



Photo 8

Plaster Removal on Roof & Int.Beam of Verandah of S.No.362, Ground Floor



Photo 9

Horizontal Crack on Roof of Verandah of S.No.363, (G. Floor)
Approx. Width = 0.25mm, Approx.Length = 1.50m.
Distance from Right Ext.Col. =1.50m, Height from Floor =2.80m.



Photo 10

Horizontal Crack on Roof of Verandah of S.No.363, (G.Floor)
Approx. Width = 3.0mm, Approx.Length = 2.50m.
Distance from Right Ext.Col. =0.60m, Height from Floor =2.80m.



Photo 11

Dampness/Seepage on Roof of Verandah of S.No.363, Ground Floor



Photo 12

Dampness/Seepage on Ext.Beam of Verandah of S.No.363, Ground Floor



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Shop No.359-361B
Choti Choper
Jaipur
Unique ID: CC-BC-DL-0009

Report Number: AIMIL/ESG/JMCEC/CC-BC-DL-0009/02/Verandah, Rev. 02, Dated: October, 2014

Building Owner
Contractor

Various Owners
CEC

Client
Sub-Contractor

JMRC Limited
AIMIL Limited





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

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Introduction

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

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

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

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	18/10/2014	
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 Single storey Load Bearing Structure having 1 floor. The structure was constructed in year 1913 and is 101 years old.

There are 11 defects in the structure out of which 2 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	1	50%
Slight (1 to 5mm)	1	50%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 1.40mm and average length of cracks is 1.60m. The maximum crack width is 2.0mm and minimum width is 0.80mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
CC-BC-DL-0009/359	Damoder Das Ram Saran Das	Mr.Anil	
CC-BC-DL-0009/360A	Rakesh Kumar Bhvnash Kumar	Mr.Kapil Bhatia	
CC-BC-DL-0009/360B	Ram Sharan Avtaar Sharma	Mr.Ram Gopal Sharma	
CC-BC-DL-0009/361A	Shanti Ram Jai Gopal	Mr.Shyam Lal Sharma	
CC-BC-DL-0009/361B	Shanti Ram Jai Gopal	Mr.Shyam Lal Sharma	



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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.359-361B
2	Building Address	Shop, Choti Choper, Jaipur
3	Year of Construction	1913
4	Number of Floors	G
5	Number of Basements	One
6	Type of Building	Commercial
7	Approximate Height	3m
8	Approximate Area	Not Known
9	Age of Building	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	N.A
14	Roadways	One Side
15	Presence of Equipment/Machines	None



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Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof of Verandah of S.No.359,Ground Floor	Horizontal	2	2.5	Slight	4
2	Roof of Verandah of S.No.361A & 361B, G.Floor	Horizontal	0.8	0.7	Very Slight	10

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Roof of Verandah of S.No.359,Ground Floor	Dampness/Seepage	5
2	Ext.Beam of Verandah of S.No.359,Ground Floor	Dampness/Seepage	6
3	Roof of Verandah of S.No.360A & 360B,G. Floor	Dampness/Seepage	7
4	Left Int.Col. of Verandah of S.No.360A & 360B, G.F.	Plaster Removal	8
5	Ext.Beam of Verandah of S.No.360A & 360B, G.F.	Dampness/Seepage	9
6	Roof of Verandah of S.No.361A & 361B,G. Floor	Dampness/Seepage	11
7	Left Int.Col. of Verandah of S.No.361A & 361B,G. F.	Plaster Removal	12
8	Ext.Beam of Verandah of S.No.361A & 361B, G.F.	Dampness/Seepage	13
9	Roof of Verandah of S.No.361A & 361B,G. Floor	Plaster Removal	14



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Photo 1
View of Shop No.359



Photo 2
View of Shop No.360A & 360B



Photo 3
View of Shop No.361A & 361B



Photo 4
Horizontal Crack on Roof of Verandah of S.No.359, (G. Floor)
Approx. Width = 2.0mm, Approx.Length = 2.50m.
Distance from Right Ext.Col. = 0m, Height from Floor = 2.80m.



Photo 5
Dampness/Seepage on Roof of Verandah of S.No.359,
Ground Floor



Photo 6
Dampness/Seepage on Ext.Beam of Verandah of S.No.359,
Ground Floor



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Photo 7

Dampness/Seepage on Roof of Verandah of S.No.360A & 360B,
Ground Floor



Photo 8

Plaster Removal on Left Int.Col.of Verandah of S.No.360A & 360B,
Ground Floor



Photo 9

Dampness/Seepage on Ext.Beam of Verandah of
S.No.360A & 360B, Ground Floor



Photo 10

Horizontal Crack on Roof of Verandah of S.No.361A & 361B,(G.F)
Approx. Width = 0.80mm, Approx.Length = 0.70m.
Distance from Left Ext.Col. =0.50m, Height from Floor =2.30m.



Photo 11

Dampness/Seepage on Roof of Verandah of S.No.361A & 361B,
Ground Floor



Photo 12

Plaster Removal on Left Int.Col.of Verandah of S.No.361A & 361B,
Ground Floor



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Photo 13

Dampness/Seepage on Ext.Beam of Verandah of
Shop No. 361A & 361B, Ground Floor



Photo 14

Plaster Removal on Roof of Verandah of S.No.361A & 361B,
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.354-355
Choti Choper
Jaipur
Unique ID: CC-BC-DL-0010

Report Number: AIMIL/ESG/JMCEC/CC-BC-DL-0010/02/Verandah, Rev. 02, Dated: October, 2014

Building Owner
Contractor

Various Owners
CEC

Client
Sub-Contractor

JMRC Limited
AIMIL Limited





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10	Defect Photographs	

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	18/10/2014	
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 Multistorey Load Bearing Structure having 5 floors & a Basement. The structure was constructed in year 1913 and is 101 years old.

There are 10 defects in the structure out of which 4 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	4	100%
Slight (1 to 5mm)	0	0%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 1.63mm and average length of cracks is 2.03m. The maximum crack width is 2.50mm and minimum width is 1.0mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
CC-BC-DL-0010/356	Vijayvargiye Brothers	Mrs.Suraj Devi	
CC-BC-DL-0010/357	Kripa Shanker Sharma	Mr.Kripa Shanker Sharma	
CC-BC-DL-0010/358	Vijayvargiye Brothers	Mrs.Suraj Devi	



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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.356-358
2	Building Address	Shop, Choti Choper, Jaipur
3	Year of Construction	1913
4	Number of Floors	B+G+4
5	Number of Basements	One
6	Type of Building	Commercial
7	Approximate Height	15m
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	N.A
14	Roadways	One Side
15	Presence of Equipment/Machines	None



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Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof of Verandah of S.No.356,Ground Floor	Horizontal	1.5	2.5	Slight	4
2	Outer Left Ext.Col.of Verandah of S.No.356,G.Floor	Inclined	1.5	0.6	Slight	5
3	Roof of Verandah of S.No.357,Ground Floor	Horizontal	1	2.5	Slight	8
4	Roof of Verandah of S.No.358,Ground Floor	Horizontal	2.5	2.5	Slight	13

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Roof of Verandah of S.No.356,Ground Floor	Dampness/Seepage	6
2	Ext.Beam of Verandah of S.No.356,Ground Floor	Dampness/Seepage	7
3	Roof of Verandah of S.No.357,Ground Floor	Dampness/Seepage	9
4	Roof of Verandah of S.No.357,Ground Floor	Plaster Crack	10
5	Ext.Beam of Verandah of S.No.357,Ground Floor	Dampness/Seepage	11
6	Ext.Beam of Verandah of S.No.358,Ground Floor	Dampness/Seepage	14



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Photo 1
View of Shop No.356



Photo 2
View of Shop No.357



Photo 3
View of Shop No.358



Photo 4
Horizontal Crack on Roof of Verandah of S.No.356, (G. Floor)
Approx. Width = 1.50mm, Approx.Length = 2.50m.
Distance from Left Ext.Col. = 0m, Height from Floor = 2.80m.



Photo 5
Inclined Crack on Outer Left Ext.Col. of Verandah of S.No.356, G.F.
Approx. Width = 1.50mm, Approx.Length = 0.60m.
Distance from Left Ext.Col. = 0m, Height from Floor = 2.30m.



Photo 6
Dampness/Seepage on Roof of Verandah of S.No.356,
Ground Floor



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Photo 7
Dampness/Seepage on Ext.Beam of Verandah of S.No.356,
Ground Floor



Photo 8
Horizontal Crack on Roof of Verandah of S.No.357, (G. Floor)
Approx. Width = 1.0mm, Approx.Length = 2.50m.
Distance from Right Ext.Col. = 0m, Height from Floor = 2.80m.



Photo 9
Dampness/Seepage on Roof of Verandah of S.No.357,
Ground Floor



Photo 10
Plaster Crack on Roof of Verandah of S.No.357,
Ground Floor



Photo 11
Dampness/Seepage on Ext.Beam of Verandah of S.No.357,
Ground Floor



Photo 12
View of Roof of Verandah of S.No.358, Ground Floor



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Photo 13

Horizontal Crack on Roof of Verandah of S.No.358,(G. Floor)
Approx. Width = 2.50mm, Approx.Length = 2.50m.
Distance from Right Ext.Col. =0m, Height from Floor =2.80m.



Photo 14

Dampness/Seepage on Ext.Beam of Verandah of S.No.358,
Ground Floor





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Shop No.354-355
Choti Choper
Jaipur
Unique ID: CC-BC-DL-0012

Report Number: AIMIL/ESG/JMCEC/CC-BC-DL-0012/02/Verandah, Rev. 02, Dated: October, 2014

Building Owner
Contractor

Various Owners
CEC

Client
Sub-Contractor

JMRC Limited
AIMIL Limited





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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.

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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 Multistorey Load Bearing Structure having 4 floors. The structure was constructed in year 1948 and is 66 years old.

There are 8 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 I (Very Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	2	67%
Slight (1 to 5mm)	1	33%
Moderate (5 to 15mm)	0	0%
Severe (15 to 25mm)	0	0%
Very Severe (>25mm)	0	0%

The average width of cracks is 0.77mm and average length of cracks is 2.0m. The maximum crack width is 1.0mm and minimum width is 0.50mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
CC-BC-DL-0012/354	Chanan Das Parmanand	Mr.Shiv Dutt Virmani	
CC-BC-DL-0012/355	Vijayvargiye Brothers	Mrs.Suraj Devi	



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

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.354-355
2	Building Address	Shop, Choti Choper, Jaipur
3	Year of Construction	1948
4	Number of Floors	G+3
5	Number of Basements	No
6	Type of Building	Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	66 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A
14	Roadways	One Side
15	Presence of Equipment/Machines	None



JAIPUR METRO 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	Roof of Verandah of S.No.354,Ground Floor	Horizontal	0.8	2.5	Very Slight	4
2	Roof of Verandah of S.No.355,Ground Floor	Horizontal	0.5	2.5	Very Slight	7
3	Outer L.Ext.Col.of Verandah of S.No.355,G. Floor	Inclined	1	1	Slight	8

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Roof of Verandah of S.No.354,Ground Floor	Plaster Crack	5
2	Ext.Beam of Verandah of S.No.354,Ground Floor	Dampness/Seepage	6
3	Roof of Verandah of S.No.355,Ground Floor	Dampness/Seepage	9
4	Ext.Beam of Verandah of S.No.355,Ground Floor	Dampness/Seepage	10
5	Outer L.Ext.Col.of Verandah of S.No.355,G. Floor	Peeling of Plaster	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
View of Shop No.354



Photo 2
View of Shop No.355



Photo 3
View of Roof of Verandah of S.No.354, Ground Floor



Photo 4
Horizontal Crack on Roof of Verandah of S.No.354, (G. Floor)
Approx. Width = 0.80mm, Approx.Length = 2.50m.
Distance from Right Ext.Col. = 0m, Height from Floor = 2.80m.



Photo 5
Plaster Crack on Roof of Verandah of S.No.354,
Ground Floor



Photo 6
Dampness/Seepage on Ext.Beam of Verandah of S.No.354,
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

Horizontal Crack on Roof of Verandah of S.No.355,(G. Floor)
Approx. Width = 0.50mm, Approx.Length = 2.50m.
Distance from Right Ext.Col. =0.20m, Height from Floor =2.80m.



Photo 8

Inclined Crack on Outer L.Ext.Col.of Verandah of S.No.355,G.F.
Approx. Width = 1.0mm, Approx.Length = 1.0m.
Distance from Left Ext.Col. =0m, Height from Floor =2.50m.



Photo 9

Dampness/Seepage on Roof of Verandah of S.No.355,
Ground Floor



Photo 10

Dampness/Seepage on Ext.Beam of Verandah of S.No.355,
Ground Floor



Photo 11

Peeling of Plaster on Outer L.Ext.Col.of Verandah of S.No.355,
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



Shop No.353
Choti Chouper
Jaipur
Unique ID: CC-BC-DL-0013

Report Number: AIMIL/ESG/JMCEC/CC-BC-DL-0013/02/Verandah, Rev. 02, Dated: October, 2014

Building Owner
Contractor

Various Owners
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 Badi 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	18/10/2014	
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 Badi Chouper and reversal line

About the Structure

The structure under consideration is a Multi Storey Load Bearing Structure having 4 floors. The structure was constructed in year 1900 and is 114 years old.

There are 3 defects in the structure out of which 1 is crack. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category I (Very Slight)

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

The average width of crack is 0.50mm and average length of cracks is 3.0m

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
CC-BC-DL-0013/353	Bibbo Ji karoli Wale	.Mr.Vipul Ji	



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

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.353
2	Building Address	Shop No. 353, Choti Chopar Jaipur
3	Year of Construction	1900
4	Number of Floors	G+3
5	Number of Basements	No
6	Type of Building	Commercial
7	Approximate Height	12m
8	Approximate Area	Not Known
9	Age of Building	114 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A
14	Roadways	One Side
15	Presence of Equipment/Machines	None



JAIPUR METRO 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	Outer Ext.Beam of Verandah of S.No.353, G. Floor	Horizontal	0.5	3	Very Slight	3A & 3B

Summary of Defects other than Cracks			
Defect ID	Location	Description	Photo No.
1	Roof of Verandah of S.No.353, G. Floor	Plaster Crack	4
2	Ext.Beam of Verandah of S.No.353, G. Floor	Dampness/Seepage	5





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
View of Shop No.353



Photo 2
View of Roof of Verandah of S.No.353, Ground Floor



Photo 3A
Horizontal Crack on Outer Ext.Beam of Verandah of S.No.353,GF
Approx. Width = 0.50mm, Approx.Length = 3.0m.
Distance from Left Ext.Col. = 0m, Height from Floor = 2.50m.



Photo 3B
Horizontal Crack on Outer Ext.Beam of Verandah of S.No.353,GF
Approx. Width = 0.50mm, Approx.Length = 3.0m.
Distance from Left Ext.Col. = 0m, Height from Floor = 2.50m.



Photo 4
Plaster Crack on Roof of Verandah of S.No.353,
Ground Floor



Photo 5
Dampness/Seepage on Ext.Beam of Verandah of S.No.353,
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



Shop No.352
Choti Chouper
Jaipur
Unique ID: CC-BC-DL-0014

Report Number: AIMIL/ESG/JMCEC/CC-BC-DL-0014/02/Verandah, Rev. 02, Dated: October, 2014

Building Owner
Contractor

Various Owners
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 Badi 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	18/10/2014	
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 Badi 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 1933 and is 88 years old.

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

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

The average width of crack is 1.0mm and average length of cracks is 1.0m.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
CC-BC-DL-0014/352	Badrinarayan Gupta	Mr.Vaman Narayan Giya	



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

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.352
2	Building Address	Shop No. 352, Choti Chopar Jaipur
3	Year of Construction	1933
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	81 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A
14	Roadways	One Side
15	Presence of Equipment/Machines	None



JAIPUR METRO 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	Right Int.Col. of Verandah of S.No.352, G. Floor	Inclined	1	1	Slight	3A & 3B



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
View of Shop No.352



Photo 2
View of Roof of Verandah of S.No.352, Ground Floor



Photo 3A
Inclined Crack on Right Int. Col. of Verandah of S.No.352,GF
Approx. Width = 1.0mm, Approx.Length = 1.0m.
Distance from Right Int.Col. =0m, Height from Floor =1.60m.



Photo 3B
Inclined Crack on Right Int. Col. of Verandah of S.No.352,GF
Approx. Width = 1.0mm, Approx.Length = 1.0m.
Distance from Right Int.Col. =0m, Height from Floor =1.60m.



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.350-351
Choti Chouper
Jaipur
Unique ID: CC-BC-DL-0015

Report Number: AIMIL/ESG/JMCEC/CC-BC-DL-0015/02/Verandah, Rev. 02, Dated: October, 2014

Building Owner
Contractor

Various Owners
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 Badi 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	18/10/2014	
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 Badi Chouper and reversal line

About the Structure

The structure under consideration is a Multi Storey Load Bearing Structure having 4 floors. The structure was constructed in year 1913 and is 101 years old.

There are 6 defects in the structure out of which 1 is crack. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category I (Very Slight)

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

The average width of crack is 0.80mm and average length of cracks is 0.80m.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
CC-BC-DL-0015 / 350	Pokhar Das Shankar das	Digamber Jain Mandir Trust	
CC-BC-DL-0015 / 351	India Kangan & Colour Store	Mr. Anwar Hussain	



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

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

General Building Details (As informed verbally by Building Owner)		
S. No.	Head	Particulars
1	Building Name	Shop No.350-351
2	Building Address	Shop No. 350-351, Choti Chopar Jaipur
3	Year of Construction	1913
4	Number of Floors	G+3
5	Number of Basements	No
6	Type of Building	Commercial
7	Approximate Height	12m
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	N.A
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 Badi Chouper and reversal line

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Right Ext.Col. of Verandah of S.No.351, G. Floor	Inclined	0.8	0.8	Very Slight	9

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Left Ext.Beam of Verandah of S.No.350,G. Floor	Dampness/Seepage	4
2	Right Int.Col. of Verandah of S.No.350,G. Floor	Plaster Crack	5
3	Left Ext.Beam of Verandah of S.No.350,G. Floor	Plaster Crack	6
4	Ext.Beam of Verandah of S.No.350,G. Floor	Plaster Crack	7
5	Ext.Beam of Verandah of S.No.351,G. Floor	Peeling of Plaster	10





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
View of Shop No.350



Photo 2
View of Shop No.351



Photo 3
View of Roof of Verandah of S.No.350, Ground Floor



Photo 4
Dampness/Seepage on Left Ext.Beam of Verandah of S.No.350, Ground Floor



Photo 5
Plaster Crack on Right Int.Col. of Verandah of S.No.350, Ground Floor



Photo 6
Plaster Crack on Left Ext.Beam of Verandah of S.No.350, 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 Crack on Ext.Beam of Verandah of S.No.350,
Ground Floor



Photo 8
View of Roof of Verandah of S.No.351, Ground Floor



Photo 9
Inclined Crack on Left Ext.Col. of Verandah of S.No.351,GF
Approx. Width = 0.80mm, Approx.Length = 0.80m.
Distance from Right Ext.Col. = 0m, Height from Floor = 2.50m.



Photo 10
Peeling of Plaster on Ext.Beam of Verandah of S.No.351,
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



Shop No.372 - 382
Choti Chouper
Jaipur
Unique ID: CC-BC-DL-0001

Report Number: AIMIL/ESG/JMCEC/CC-BC-DL-0001/02/Verandah, Rev. 02, Dated: October, 2014

Building Owner
Contractor

Various Owners
CEC

Client
Sub-Contractor

JMRC Limited
AIMIL Limited





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

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Introduction

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

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

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

Survey Details

S.No.	Head	Particulars	Signatures
1	Date of Survey	18/10/2014	
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 Badi Chouper and reversal line

About the Structure

The structure under consideration is a Multi Storey Load Bearing Structure having 2 floors and a Basement. The structure was constructed in year 1912 and is 102 years old.

There are 54 defects in the structure out of which 26 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

Category	Number of Cracks	% of Total Cracks
Negligible (< 0.1mm)	0	0%
Very Slight (0.1 to 1mm)	5	19%
Slight (1 to 5mm)	17	65%
Moderate (5 to 15mm)	3	12%
Severe (15 to 25mm)	1	4%
Very Severe (>25mm)	0	0%

The average width of cracks is 2.73mm and average length of cracks is 2.24m. The maximum crack width is 15.0mm and minimum width is 0.50mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
CC-BC-DL-0001/372	JK Store Aggarbati Wale	Mr.Mahender	
CC-BC-DL-0001/373	Uttam Chand Lok Ram	Mr. Rajkumar Bhutani	
CC-BC-DL-0001/374		Mr.Ram Kishor	
CC-BC-DL-0001/374A	Suresh & Company	Mr.Babu Lal	
CC-BC-DL-0001/375	Garg	Mr.Chander Parkash Garg	
CC-BC-DL-0001/376	Vrindavan Das & Company	Mr. Raman Das	
CC-BC-DL-0001/377	Ganga Backs Mundra Kirana Marchant		
CC-BC-DL-0001/378	Gulab Chand Taluka	Mr.Gulab Chand Taluka	
CC-BC-DL-0001/379	New Dilbar Sharbat & Restaurant	Mr.Heera Singh	
CC-BC-DL-0001/380	Ganesh Narayan,Hari Narayan	Mr.Radhe Shyam	
CC-BC-DL-0001/381	Mali Ram Flood Pansari	Mr.Suresh Ji	
CC-BC-DL-0001/382	Parnami Sughandh Bhandar	Mrs.Durga Devi	



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

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.372 - 382
2	Building Address	Shop No. 372 - 382, Choti Chouper Jaipur
3	Year of Construction	1912
4	Number of Floors	B+G+1
5	Number of Basements	One
6	Type of Building	Commercial
7	Approximate Height	6m
8	Approximate Area	Not Known
9	Age of Building	102 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A
14	Roadways	One Side
15	Presence of Equipment/Machines	None



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

Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof of Verandah of S.No.372, G. Floor	Horizontal	15	2.5	Severe	12
2	Right Ext.Beam of Verandah of S.No.372, G. Floor	Horizontal	2.5	1	Slight	13
3	Ext.Beam Roof of Verandah of S.No.372, G. Floor	Horizontal	0.3	1.2	Very Slight	14
4	Roof of Verandah of S.No.373, G. Floor	Horizontal	0.6	2.7	Very Slight	17
5	Roof of Verandah of S.No.373, G. Floor	Horizontal	1.5	2.7	Slight	18
6	Ext.Beam & L.Ext.Col. & Outerwall of Verandah of S.No.373, G.Floor	Inclined	2.5	2	Slight	19A & 19B
7	Wall No.2 of Verandah of S.No.373, G. Floor	Inclined	6	2.9	Moderate	20A & 20B
8	Outer Left Ext.Col.of Verandah of S.No.373, G. F.	Inclined	1.5	1.6	Slight	21
9	Outer Right Ext.Col.of Verandah of S.No.373, G. F.	Horizontal	1	0.7	Slight	22
10	Outerwall @ Stair of Verandah of S.No.373, G. F.	Horizontal	1	3	Slight	23
11	Wall No.1 of Verandah of S.No.374 & 374A, G. F.	Inclined	5	1.5	Moderate	29
12	Roof of Verandah of S.No.375, G. F.	Horizontal	2.5	2.5	Slight	33A & 33B
13	Roof of Verandah of S.No.376, G. F.	Horizontal	5	2.3	Slight	36
14	Outer Ext.Beam & L.Col.of Verandah of S.No.376,GF	Inclined	2.5	4	Slight	37
15	Outer Ext.Beam of Verandah of S.No.376,GF	Horizontal	3	1.8	Slight	38
16	Left Ext.Col. of Verandah of S.No.377, G. F.	Horizontal	2	1.8	Slight	41A & 41B
17	Roof of Verandah of S.No.377, G. F.	Horizontal	3	3.5	Slight	42A & 42B
18	Outer Ext.L.Col.&Beam of Verandah of S.No.377,GF	Inclined	2.5	3	Slight	43
19	Roof of Verandah of S.No.378, G. F.	Horizontal	2	2.5	Slight	47
20	Outer Left Ext.Col. of Verandah of S.No.378, G. F.	Inclined	6	1.5	Moderate	48
21	Roof of Verandah of S.No.379, G. F.	Horizontal	0.35	2.5	Very Slight	52
22	Roof of Verandah of S.No.380, G. F.	Horizontal	1	2.5	Slight	57
23	Roof of Verandah of S.No.380, G. F.	Horizontal	1.5	2.5	Slight	58
24	Roof of Verandah of S.No.381, G. F.	Inclined	1.5	1.6	Slight	62
25	Roof of Verandah of S.No.381, G. F.	Horizontal	0.6	2.5	Very Slight	63
26	Roof of Verandah of S.No.381, G. F.	Horizontal	0.6	2	Very Slight	64



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 Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Roof of Verandah of S.No.372,G.Floor	Dampness/Seepage	15
2	Ext.Beam of Verandah of S.No.372, Ground Floor	Dampness/Seepage	16
3	Roof of Verandah of S.No.373,G.Floor	Dampness/Seepage	24
4	Ext.Beam of Verandah of S.No.373,G.Floor	Dampness/Seepage	25
5	Right Ext.Col. of Verandah of S.No.373,G.Floor	Peeling of Plaster	26
6	Stair Between S.No.373 & 374 of S.No.373,G.Floor	Damage	27
7	Int.Beam of Verandah of S.No.374,G.Floor	Plaster Removal	30
8	Ext.Beam of Verandah of S.No.374,G.Floor	Dampness/Seepage	31
9	Right Ext.Col.of Verandah of S.No.375,Ground Floor	Plaster Removal	34
10	Ext.Beam of Verandah of S.No.375,Ground Floor	Dampness/Seepage	35
11	Roof of Verandah of S.No.376,Ground Floor	Dampness/Seepage	39
12	Ext.Beam of Verandah of S.No.376,Ground Floor	Dampness/Seepage	40
13	Roof of Verandah of S.No.377,Ground Floor	Dampness/Seepage	44
14	Roof of Verandah of S.No.377,Ground Floor	Stone Gap	45
15	Ext.Beam of Verandah of S.No.377,Ground Floor	Dampness/Seepage	46
16	Roof of Verandah of S.No.378,Ground Floor	Dampness/Seepage	49
17	Ext.Beam of Verandah of S.No.378,Ground Floor	Dampness/Seepage	50
18	Outer Left Ext.Col. of Verandah of S.No.378,G.Floor	Plaster Removal	51
19	Roof of Verandah of S.No.379,Ground Floor	Dampness/Seepage	53
20	Ext.Beam of Verandah of S.No.379,Ground Floor	Dampness/Seepage	54
21	Int.Beam of Verandah of S.No.379,Ground Floor	Plaster Removal	55
22	Right Int.Col.of Verandah of S.No.379,Ground Floor	Plaster Removal	56
23	Roof of Verandah of S.No.380,Ground Floor	Dampness/Seepage	59
24	Ext.Beam of Verandah of S.No.380,Ground Floor	Dampness/Seepage	60
25	Right Int.Col.of Verandah of S.No.380,Ground Floor	Plaster Removal	61
26	Roof of Verandah of S.No.381,Ground Floor	Dampness/Seepage	65
27	Roof of Verandah of S.No.381,Ground Floor	Plaster Removal	66
28	Ext. Beam of Verandah of S.No.382,Ground Floor	Dampness/Seepage	68

Summary of Areas that Could not be Surveyed			
Defect ID	Location	Description	Photo No.
1	Roof of Verandah of S.No.382,G.Floor	Covered with Wooden	69



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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
View of Shop No.372



Photo 2
View of Shop No.373



Photo 3
View of Shop No.374 & 374A



Photo 4
View of Shop No.375



Photo 5
View of Shop No.376



Photo 6
View of Shop No.377



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
View of Shop No.378



Photo 8
View of Shop No.379



Photo 9
View of Shop No.380



Photo 10
View of Shop No.381



Photo 11
View of Shop No.382



Photo 12
Horizontal Crack on Roof of Verandah of S.No.372,GF
Approx. Width =15.0mm, Approx.Length = 2.50m.
Distance from R.Ext.Col. = 0m, Height from Floor =2.80m.



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 13

Horizontal Crack on R.Ext.Beam of Verandah of S.No.372,GF
Approx. Width =2.50mm, Approx.Length = 1.0m.
Distance from L.Ext.Col. = 0m, Height from Floor =2.50m.



Photo 14

Horizontal Crack on Ext.Beam Roof of Verandah of S.No.372,GF
Approx. Width =0.30mm, Approx.Length = 1.20m.
Distance from L.Ext.Col. = 0.10m, Height from Floor =2.50m.



Photo 15

Dampness/Seepage on Roof of Verandah of S.No.372,
Ground Floor



Photo 16

Dampness/Seepage on Ext.Beam of Verandah of S.No.372,
Ground Floor



Photo 17

Horizontal Crack on Roof of Verandah of S.No.373,GF
Approx. Width =0.60mm, Approx.Length = 2.70m.
Distance from R.Ext.Col. = 0.20m, Height from Floor =2.80m.



Photo 18

Horizontal Crack on Roof of Verandah of S.No.373,GF
Approx. Width =1.50mm, Approx.Length = 2.70m.
Distance from R.Ext.Col. = 0m, Height from Floor =2.80m.



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 19A

Inclined Crack on Ext.Beam&L.Ext.Col. & Outerwall of Verandah of S.No.373,(GF),Approx. Width =2.50mm, Approx.Length = 2.0m.
Distance from L.Ext.Col. = 0m, Height from Floor =2.50m.



Photo 19B

Inclined Crack on Ext.Beam&L.Ext.Col. & Outerwall of Verandah of S.No.373,(GF),Approx. Width =2.50mm, Approx.Length = 2.0m.
Distance from L.Ext.Col. = 0m, Height from Floor =2.50m.



Photo 20A

Inclined Crack on Wall No.2 of Verandah of S.No.373,(GF),
Approx. Width =6.0mm, Approx.Length = 2.90m.
Distance from Wall No.4 = 0m, Height from Floor =0m.



Photo 20B

Inclined Crack on Wall No.2 of Verandah of S.No.373,(GF),
Approx. Width =6.0mm, Approx.Length = 2.90m.
Distance from Wall No.4 = 0m, Height from Floor =0m.



Photo 21

Inclined Crack on Outer L.Ext.Col. of Verandah of S.No.373,(GF),
Approx. Width =1.50mm, Approx.Length = 1.60m.
Distance from Left Ext.Col. = 0m, Height from Floor =2.0m.



Photo 22

Horizontal Crack on Outer R.Ext.Col. of Verandah of S.No.373,(GF)
Approx. Width =1.0mm, Approx.Length = 0.70m.
Distance from Right Ext.Col. = 0m, Height from Floor =2.50m.



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 Badi Chouper and reversal line



Photo 23

Horizontal Crack on Outer@Stairside of Verandah of S.No.373,GF
Approx. Width =1.0mm, Approx.Length = 3.0m.
Distance from Wall No.4 = 0m, Height from Floor =3.0m.



Photo 24

Dampness/Seepage on Roof of Verandah of S.No.373,
Ground Floor



Photo 25

Dampness/Seepage on Ext.Beam of Verandah of S.No.373,
Ground Floor



Photo 26

Peeling of Plaster on Right Ext.Col. of Verandah of S.No.373,
Ground Floor



Photo 27

Damage on Stair Between S.No.373 & 374 of S.No.373,
Ground Floor



Photo 28

View of Roof Verandah of S.No.374 & 374A, 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 29

Inclined Crack on Wall No.1 of Verandah of S.No.374&374A, GF
Approx. Width = 5.0mm, Approx.Length = 1.50m.
Distance from Wall No.4. =0.60m, Height from Floor =0.70m.



Photo 30

Plaster Removal on Int.Beam of Verandah of S.No.374,
Ground Floor



Photo 31

Dampness/ Seepage on Ext.Beam of Verandah of S.No.374,
Ground Floor



Photo 32

View of Roof Verandah of S.No.375, Ground Floor



Photo 33A

Horizontal Crack on Roof of Verandah of S.No.375, GF
Approx. Width =2.50mm, Approx.Length = 2.50m.
Distance from Right Ext.Col. = 0m, Height from Floor =2.50m.



Photo 33B

Horizontal Crack on Roof of Verandah of S.No.375, GF
Approx. Width =2.50mm, Approx.Length = 2.50m.
Distance from Right Ext.Col. = 0m, Height from Floor =2.50m.



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 Badi Chouper and reversal line



Photo 34

Plaster Removal on Right Ext.Col. of Verandah of S.No.375, Ground Floor



Photo 35

Dampness/ Seepage on Ext.Beam of Verandah of S.No.375, Ground Floor



Photo 36

Horizontal Crack on Int.Beam of Verandah of S.No.376,GF
Approx. Width =5.0mm, Approx.Length = 2.30m.
Distance from Left Ext.Col. = 0m, Height from Floor =2.50m.



Photo 37

Inclined Crack on OuterExt.Beam &L.Col.of Verandah of S.No.376
Approx. Width =2.50mm, Approx.Length = 4.0m.
Distance from Left Ext.Col. = 0m, Height from Floor =2.10m.



Photo 38

Horizontal Crack on Outer Ext.Beam of Verandah of S.No.376,,GF
Approx. Width =3.0mm, Approx.Length = 1.80m.
Distance from Right Ext.Col. = 0m, Height from Floor =2.30m.



Photo 39

Dampness/ Seepage on Roof of Verandah of S.No.376, 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 40

Dampness/ Seepage on Ext.Beam of Verandah of S.No.376, Ground Floor



Photo 41A

Horizontal Crack on Left Ext.Col. of Verandah of S.No.377,,GF
Approx. Width =2.0mm, Approx.Length = 1.80m.
Distance from Left Ext.Col. = 0m, Height from Floor =2.50m.



Photo 41B

Horizontal Crack on Left Ext.Col. of Verandah of S.No.377,,GF
Approx. Width =2.0mm, Approx.Length = 1.80m.
Distance from Left Ext.Col. = 0m, Height from Floor =2.50m.



Photo 42A

Horizontal Crack on Roof of Verandah of S.No.377,,GF
Approx. Width =3.0mm, Approx.Length = 3.50m.
Distance from Right Ext.Col. = 0m, Height from Floor =2.80m.



Photo 42B

Horizontal Crack on Roof of Verandah of S.No.377,,GF
Approx. Width =3.0mm, Approx.Length = 3.50m.
Distance from Right Ext.Col. = 0m, Height from Floor =2.80m.



Photo 43

Inclined Crack on Outer Ext.L.Col.&Beam of Verandah of S.No.377
Approx. Width =2.50mm, Approx.Length = 3.0m.
Distance from Left Ext.Col. = 0m, Height from Floor =2.0m.



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 44

Dampness/ Seepage on Roof of Verandah of S.No.377,
Ground Floor



Photo 45

Stone Gap on Roof of Verandah of S.No.377,
Ground Floor



Photo 46

Dampness/ Seepage on Ext.Beam of Verandah of S.No.377,
Ground Floor



Photo 47

Horizontal Crack on Roof of Verandah of S.No.378,,GF
Approx. Width =2.0mm, Approx.Length = 2.50m.
Distance from Right Ext.Col. = 0m, Height from Floor =2.80m.



Photo 48

Inclined Crack on Outer L.Ext.Col of Verandah of S.No.378
Approx. Width =6.0mm, Approx.Length = 1.50m.
Distance from Left Ext.Col. = 0m, Height from Floor =2.20m.



Photo 49

Dampness/ Seepage on Roof of Verandah of S.No.378,
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 50

Dampness/ Seepage on Ext.Beam of Verandah of S.No.378, Ground Floor



Photo 51

Plaster Removal on Outer L.Ext.Col of Verandah of S.No.378, Ground Floor



Photo 52

Horizontal Crack on Roof of Verandah of S.No.379, GF
Approx. Width = 0.35mm, Approx.Length = 2.50m.
Distance from Left Ext.Col. = 1.50m, Height from Floor = 2.80m.



Photo 53

Dampness/ Seepage on Roof of Verandah of S.No.379, Ground Floor



Photo 54

Dampness/ Seepage on Ext.Beam of Verandah of S.No.379, Ground Floor



Photo 55

Plaster Removal on Int.Beam of Verandah of S.No.379, 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 56

Plaster Removal on Right Int.Col. of Verandah of S.No.379, Ground Floor



Photo 57

Horizontal Crack on Roof of Verandah of S.No.380,,GF
Approx. Width =1.0mm, Approx.Length = 2.50m.
Distance from Left Ext.Col. = 0m, Height from Floor =2.80m.



Photo 58

Horizontal Crack on Roof of Verandah of S.No.380,,GF
Approx. Width =1.50mm, Approx.Length = 2.50m.
Distance from Right Ext.Col. = 0m, Height from Floor =2.80m.



Photo 59

Dampness/ Seepage on Roof of Verandah of S.No.380, Ground Floor



Photo 60

Dampness/ Seepage on Ext.Beam of Verandah of S.No.380, Ground Floor



Photo 61

Plaster Removal on Right Int.Col. of Verandah of S.No.380, 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 62

Inclined Crack on Roof of Verandah of S.No.381,,GF
Approx. Width =1.50mm, Approx.Length = 1.60m.
Distance from Left Ext.Col. = 1.80m, Height from Floor =2.80m.



Photo 63

Horizontal Crack on Roof of Verandah of S.No.381,,GF
Approx. Width =0.60mm, Approx.Length = 2.50m.
Distance from Left Ext.Col. = 0m, Height from Floor =2.80m.



Photo 64

Horizontal Crack on Roof of Verandah of S.No.381,,GF
Approx. Width =0.60mm, Approx.Length = 2.0m.
Distance from Left Ext.Col. = 1.0m, Height from Floor =2.80m.



Photo 65

Dampness/ Seepage on Roof of Verandah of S.No.381,
Ground Floor



Photo 66

Plaster Removal on Roof of Verandah of S.No.381,
Ground Floor



Photo 67

View of Shop No.382, 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 68

Dampness/ Seepage on Ext.Beam of Verandah of S.No.382,
Ground Floor



Photo 69

Covered with Wooden on Roof of Verandah of S.No.382,
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



Shop No.364A - 371
Choti Chouper
Jaipur
Unique ID: CC-BC-DL-0004

Report Number: AIMIL/ESG/JMCEC/CC-BC-DL-0004/02/Verandah, Rev. 02, Dated: October, 2014

Building Owner
Contractor

Various Owners
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 Badi Chouper and reversal line

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3	About the Structure	3
4	Building Ownership Details	3
5	Project Details	4
6	General Building Details	4
7	Summary of Cracks	5
8	Summary of Defects other than Cracks	5
9	Defect Photographs	

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	18/10/2014	
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 Badi 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 1763 and is 251 years old.

There are 30 defects in the structure out of which 5 are cracks. Category wise distribution of cracks is given in the table below. Overall the Building can be categorised in Category II (Slight)

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

The average width of cracks is 1.76mm and average length of cracks is 2.50m. The maximum crack width is 3.0mm and minimum width is 0.50mm.

Building Ownership Details			
Unique ID/Sub ID	Premises Name	Owner	Signatures
CC-BC-DL-0004/364A	Kanahiya Lal Patni	Mr. S.K. Patni	
CC-BC-DL-0004/364B	Patni Die Cam	Smt.Kamla Devi	
CC-BC-DL-0004/365	Jawahar Agency	Mr.Madan Lal Ji	
CC-BC-DL-0004/366	Gandi Lal Roop Narayan Maheshwari	Mr.Tirlok Mal ji	
CC-BC-DL-0004/367	Chandak Brothers	Mr.Giri Ram Prasad	
CC-BC-DL-0004/368	Shri Ram Kangan Store	Mr.Mohammad Faiyaz	
CC-BC-DL-0004/369	Bhaya Ji Fida Hussain & Company	Mr.Sadik Ahmad	
CC-BC-DL-0004/370	Star Bangles	Mr. Mohd. Ishaq	
CC-BC-DL-0004/370A	Star Bangals Genaral Store	Hazi Md. Yakub	
CC-BC-DL-0004/371	Devi Singh Sugandhi Bhandar	Mr. Devi Singh	



JAIPUR METRO Jaipur Metro Rail Corporation

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

Pre - Condition Building Survey for Construction of Underground Stations from Chandpole to Badi 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.364A - 371
2	Building Address	Shop No. 364A - 371, Choti Chouper Jaipur
3	Year of Construction	1763
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	251 years
10	Type of Structure	Load Bearing Structure
11	Type of Foundation	Not Known
12	Number of Bore Wells	None
13	Depth and Diameter of Bore	N.A
14	Roadways	One Side
15	Presence of Equipment/Machines	None



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Summary of Cracks						
Defect ID	Location	Orientation	Appx. Width (mm)	Appx. Length (m)	Category	Photo No.
1	Roof of Verandah of S.No.364A & 364B, G. Floor	Horizontal	2	2.5	Slight	9
2	Roof of Verandah of S.No.366, Ground Floor	Horizontal	2.5	2.5	Slight	18
3	Roof of Verandah of S.No.368, G. Floor	Horizontal	0.5	2.5	Very Slight	23
4	Roof of Verandah of S.No.369, G. Floor	Horizontal	0.8	2.5	Very Slight	27
5	Roof of Verandah of S.No.370 & 370A, G. Floor	Horizontal	3	2.5	Slight	30

Summary of Defects Other Than Crack			
Defect ID	Location	Description	Photo No.
1	Roof of Verandah of S.No.364A & 364B,G.Floor	Dampness/Seepage	10
2	Ext.Beam of Verandah of S.No.364A & 364B,G.F.	Dampness/Seepage	11
3	Roof of Verandah of S.No.365,G.Floor	Dampness/Seepage	12
4	Ext.Beam of Verandah of S.No.365,G.Floor	Dampness/Seepage	13
5	Roof of Verandah of S.No.365,G.Floor	Stone Gap	14
6	Roof of Verandah of S.No.365,G.Floor	Joint Open	15
7	Int.Right Col.of Verandah of S.No.365,G.Floor	Plaster Removal	16
8	Int.Right Col.of Verandah of S.No.365,G.Floor	Plaster Crack	17
9	Roof of Verandah of S.No.366,Ground Floor	Dampness/Seepage	19
10	Ext.Beam of Verandah of S.No.366,Ground Floor	Dampness/Seepage	20
11	Roof of Verandah of S.No.367,Ground Floor	Dampness/Seepage	21
12	Ext.Beam of Verandah of S.No.367,Ground Floor	Dampness/Seepage	22
13	Roof of Verandah of S.No.368,Ground Floor	Dampness/Seepage	24
14	Roof of Verandah of S.No.368,Ground Floor	Plaster Removal	25
15	Left Int.Col. of Verandah of S.No.368,Ground Floor	Plaster Removal	26
16	Roof of Verandah of S.No.369,Ground Floor	Dampness/Seepage	28
17	Ext.Beam of Verandah of S.No.369,Ground Floor	Dampness/Seepage	29
18	Roof of Verandah of S.No.370 & 370A,Ground Floor	Dampness/Seepage	31
19	Ext.Beam of Verandah of S.No.370 & 370A,G.Floor	Dampness/Seepage	32
20	Roof of Verandah of S.No.370 & 370A,Ground Floor	Plaster Crack	33
21	Roof of Verandah of S.No.371,Ground Floor	Dampness/Seepage	34
22	Ext.Beam of Verandah of S.No.371,Ground Floor	Dampness/Seepage	35
23	Right Ext.Col.of Verandah of S.No.371,Ground Floor	Pelling of Plaster	36
24	Left Ext.Col.of Verandah of S.No.371,Ground Floor	Pelling of Plaster	37
25	Right Ext.Beam of Verandah of S.No.371,G. Floor	Plaster Removal	38A & 38B



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Photo 1
View of Shop No.364A & 364B



Photo 2
View of Shop No.365



Photo 3
View of Shop No.366



Photo 4
View of Shop No.367



Photo 5
View of Shop No.368



Photo 6
View of Shop No.369



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Photo 7
View of Shop No.370



Photo 8
View of Shop No.371



Photo 9
Horizontal Crack on Roof of Verandah of S.No.364A & 364B, GF
Approx. Width = 2.0mm, Approx.Length = 2.50m.
Distance from L.Ext.Col. = 0m, Height from Floor = 2.80m.



Photo 10
Dampness/Seepage on Roof of Verandah of S.No.364A & 364B,
Ground Floor



Photo 11
Dampness/Seepage on Ext.Beam of Verandah of
S.No.364A & 364B, Ground Floor



Photo 12
Dampness/Seepage on Roof of Verandah of S.No.365,
Ground Floor



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Photo 13
Dampness/Seepage on Ext.Beam of Verandah of S.No.365,
Ground Floor



Photo 14
Stone Gap on Roof of Verandah of S.No.365,
Ground Floor



Photo 15
Joint Open on Roof of Verandah of S.No.365,
Ground Floor

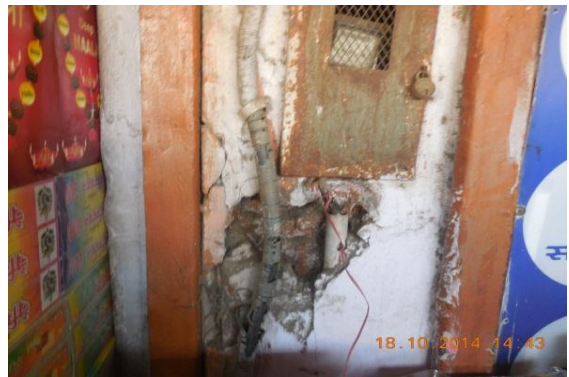


Photo 16
Plaster Removal on Int.Right Col.of Verandah of S.No.365,
Ground Floor



Photo 17
Plaster Crack on Int.Right Col.of Verandah of S.No.365,
Ground Floor



Photo 18
Horizontal Crack on Roof of Verandah of S.No.366,GF
Approx. Width =2.50mm, Approx.Length = 2.50m.
Distance from R.Ext.Col. = 0m, Height from Floor =2.80m.



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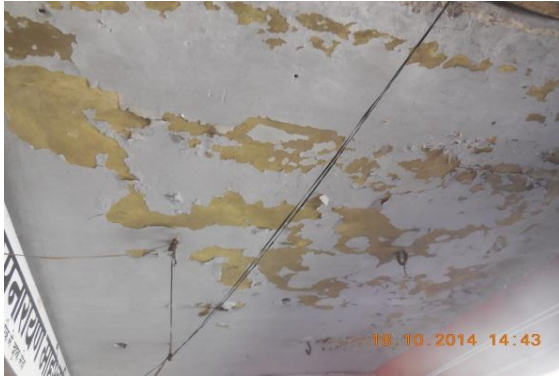


Photo 19
Dampness/Seepage on Roof of Verandah of S.No.366,
Ground Floor



Photo 20
Dampness/Seepage on Ext.Beam of Verandah of S.No.366,
Ground Floor



Photo 21
Dampness/Seepage on Roof of Verandah of S.No.367,
Ground Floor



Photo 22
Dampness/Seepage on Ext.Beam of Verandah of S.No.367,
Ground Floor



Photo 23
Horizontal Crack on Roof of Verandah of S.No.368,GF
Approx. Width =0.50mm, Approx.Length = 2.50m.
Distance from R.Ext.Col. = 0m, Height from Floor =2.80m.



Photo 24
Dampness/ Seepage on Roof of Verandah of S.No.368,
Ground Floor



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Photo 25
Plaster Removal on Roof of Verandah of S.No.368,
Ground Floor



Photo 26
Plaster Removal on Left Int.Col. of Verandah of S.No.368,
Ground Floor



Photo 27
Horizontal Crack on Roof of Verandah of S.No.369,GF
Approx. Width = 0.80mm, Approx.Length = 2.50m.
Distance from R.Ext.Col. = 0m, Height from Floor = 2.80m.



Photo 28
Dampness/Seepage on Roof of Verandah of S.No.369,
Ground Floor



Photo 29
Dampness/Seepage on Ext.Beam of Verandah of S.No.369,
Ground Floor



Photo 30
Horizontal Crack on Roof of Verandah of S.No.370&370A,GF
Approx. Width = 3.0mm, Approx.Length = 2.50m.
Distance from L.Ext.Col. = 0m, Height from Floor = 2.80m.



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



Photo 31

Dampness/ Seepage on Roof of Verandah of S.No.370&370A,
Ground Floor



Photo 32

Dampness/ Seepage on Ext.Beam of Verandah of
S.No.370 &370A, Ground Floor



Photo 33

Plaster Crack on Roof of Verandah of S.No.370 & 370A,
Ground Floor



Photo 34

Dampness/ Seepage on Roof of Verandah of S.No.371,
Ground Floor



Photo 35

Dampness/ Seepage on Ext.Beam of Verandah of S.No.371,
Ground Floor



Photo 36

Peeling of Plaster on Right Ext.Col. of Verandah of S.No.371,
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 Badi Chouper and reversal line



Photo 37

Peeling of Plaster on Left Ext.Col. of Verandah of S.No.371,
Ground Floor



Photo 38A

Plaster Removal on Right Ext.Beam of Verandah of S.No.371,
Ground Floor



Photo 38B

Plaster Removal on Right Ext.Beam of Verandah of S.No.371,
Ground Floor