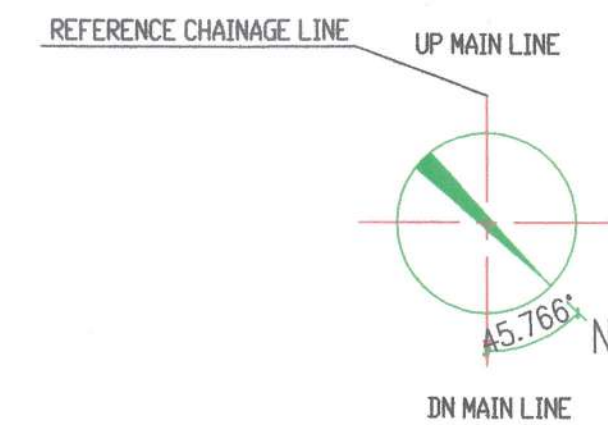




REFERENCE TABLE A

6. ALH LOCATION DATUM POINT SEE BELOW TABLE :

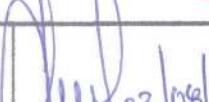
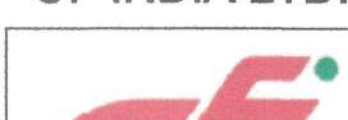
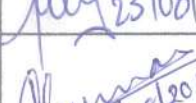
REFERENCE TABLE B

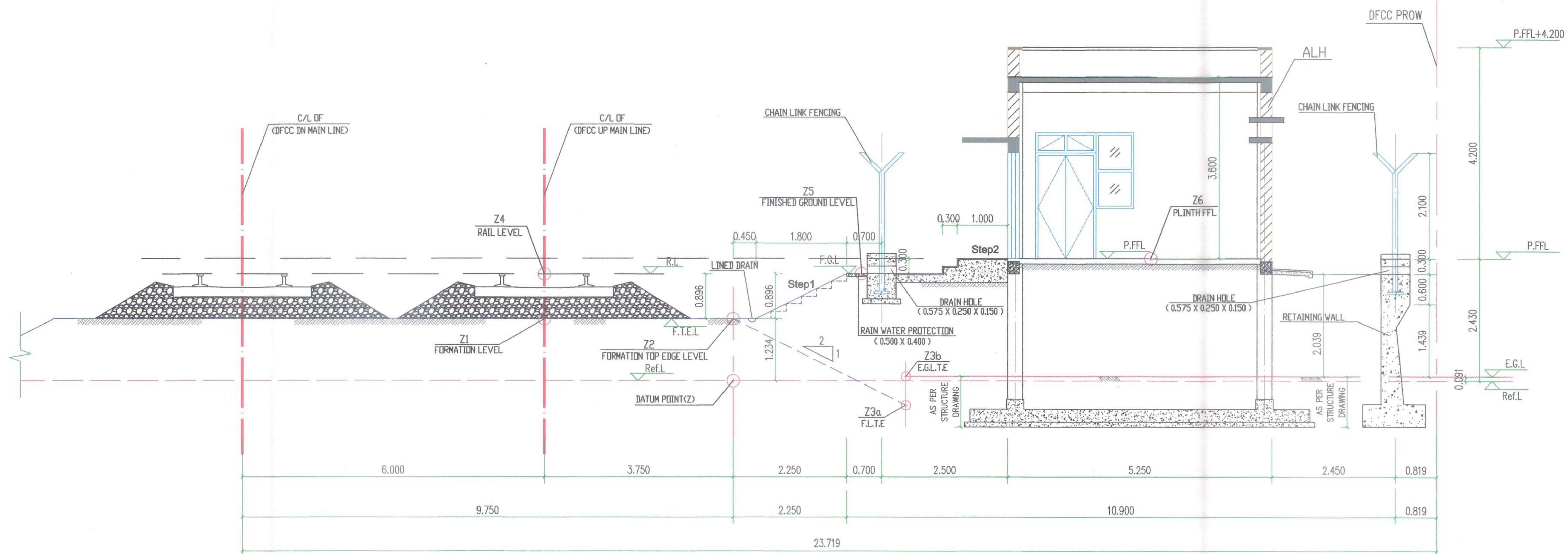
Note : The direction angle is positive(“+”) for clockwise rotation.

- PRELIMINARY GAD

CRSC Beijing National Railway Research & Design Institute of Signal & Communication Co., Ltd.

REF.DWG.:	ALIGNMENT PLAN AND PROFILE : FROM CH. 416+900 TO CH. 416+100 DETAIL OF CROSS SECTION: FROM CH. 417+080 TO CH. 417+700	SH.SIZE 841 X 584
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PMC: SYSTRA - MOTT MACDONALD MACDONALD JV	TEAM LEADER 	EMPLOYER: DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD. 
	ARCHITECT 	



SITE SECTION 1-1 1:50

ALH SITE PROFILE PARAMETERS

S.No.	Item no.	Building Chainage	Reference Chainage	Co-ordinates of ref. / Datum pt.		Ref. Level	Levels a chainage 'Reference Chainage' as pre approved cross-section					Derived Levels			Level Difference (Height/Depth)				Remark
						Datum point (Refer to the drawing)	Formation Level at the center of UP main track line	Formation Level at Top Edge of the Embankment	Formation Level at the Toe of Embankment	Existing Ground at the toe of Embankment	Rail Level	Finished Ground Level	Plinth FFL	HT/DT. Of formation top edge level from Datum pt.	HT/DT. Of Rail Level from F.T.E.L.	HT/DT. Of F.G.L. from F.T.E.L.	HT/DT. Of Plinth FFL from Darum pt.		
				X	Y	Z	Z1	Z2	Z3a	Z3b	Z4 (=Z1 + 0.771)	Z5 (=Z2+0.896)	Z6 (=Z5 + 0.300)	(=Z2 - Z)	(=Z4-Z2)		(=Z4-Z)		
1	ALH 248	417.700	417.700	470140.092	2876008.294	115.235	116.594	116.469	114.754	115.326	117.365	117.365	117.665	1.234	0.896	0.896	2.430		

- NOTES :
- ALL DIMENSIONS ARE IN M UNLESS OTHERWISE SPECIFIED.
 - ALH(VIIIb) INCLUDE BELOW CHAINAGE LOCATION PROPOSED ALH : CH-417.700.
 - ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44 (AS PER ALIGNMENT AND CROSS SECTION DRAWINGS OF CP 201 & 202).
 - CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFC DOWN LINE.
 - REFERENCE DRAWING NO. SEE BELOW TABLE :

REFERENCE TABLE A

S.NO.	Item NO.	Building Chainage	Reference Chainage	Alignment Plan & Profile Drawing NO.	Detailed Cross Section Drawing NO.
1	ALH248	417.700	417.700	P2AL0817D	W2CS2444A

6. ALH LOCATION DATUM POINT SEE BELOW TABLE :

REFERENCE TABLE B

S.NO.	Item NO.	Building Chainage	Reference Chainage	Datum Point Unit:m			Direction Angle
				X	Y	Z	
1	ALH248	417.700	417.700	470140.092	2876008.294	115.235	45.766

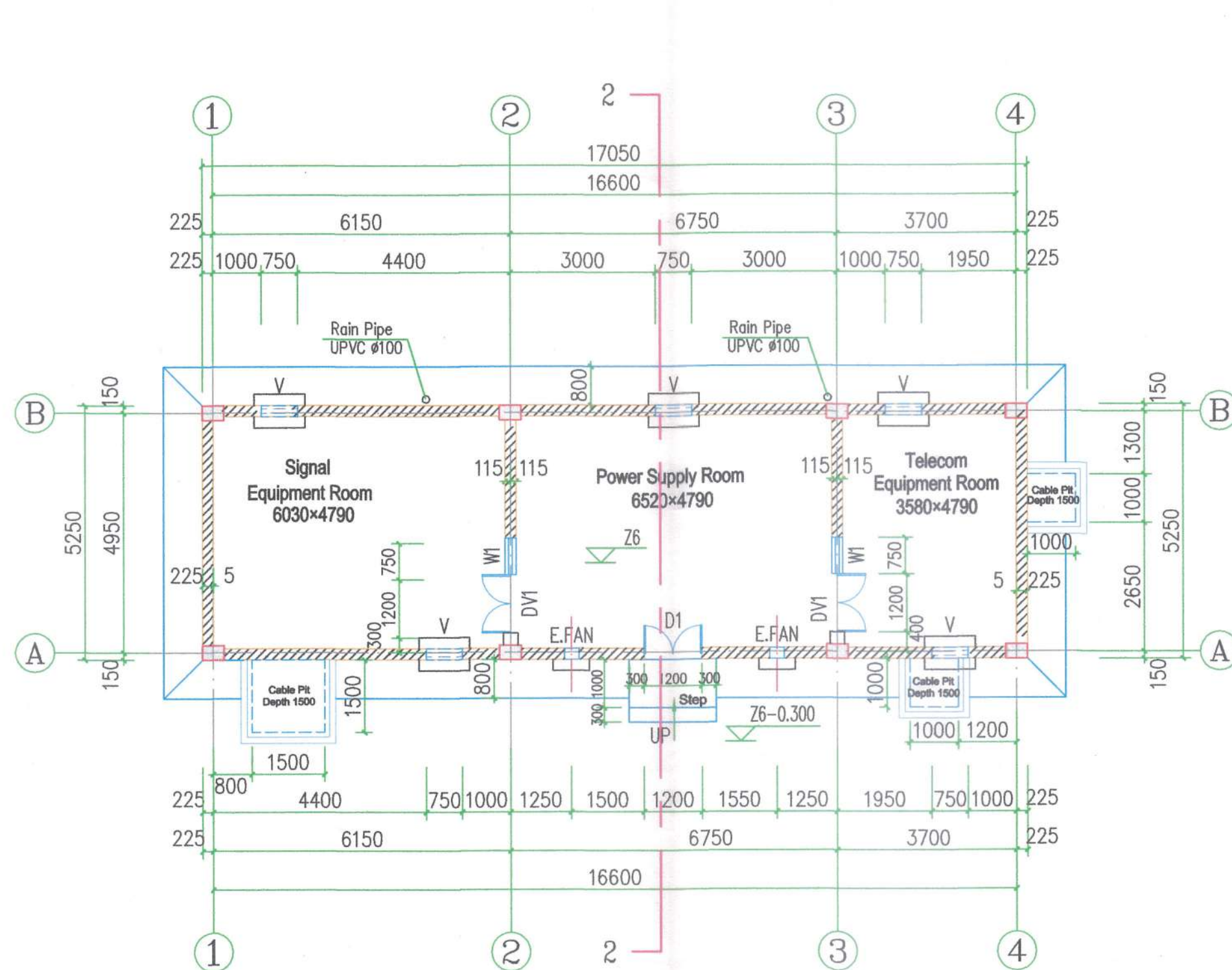
Note : The direction angle is positive(+) for clockwise rotation.

7. LEVEL ABBREVIATIONS
- F.T.E.L : FORMATION TOP EDGE LEVEL
 - F.G.L : FINISHED GROUND LEVEL
 - P.F.F.L : PLINTH FINISHED FLOOR LEVEL
 - R.L : RAIL LEVEL
 - E.G.L : EXISTING GROUND LEVEL
 - F.L.T.E : FORMATION LEVEL AT THE TOE OF EMBANKMENT
 - E.G.L.T.E : EXISTING GROUND LEVEL AT THE TOE OF EMBANKMENT
8. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NO. 1/AR/08b01.
9. CHAIN LINK FENCING SHOULD BE AS PER PARA 1.4.5. (5), PART 2, SECTION VI, VOL. 4, PARTICULAR SPECIFICATION BUILDING & STRUCTURE WORKS, ON PAGE NO. 0633 OF CA CP-203.
10. TURFING ON SLOPE TO BE DONE.

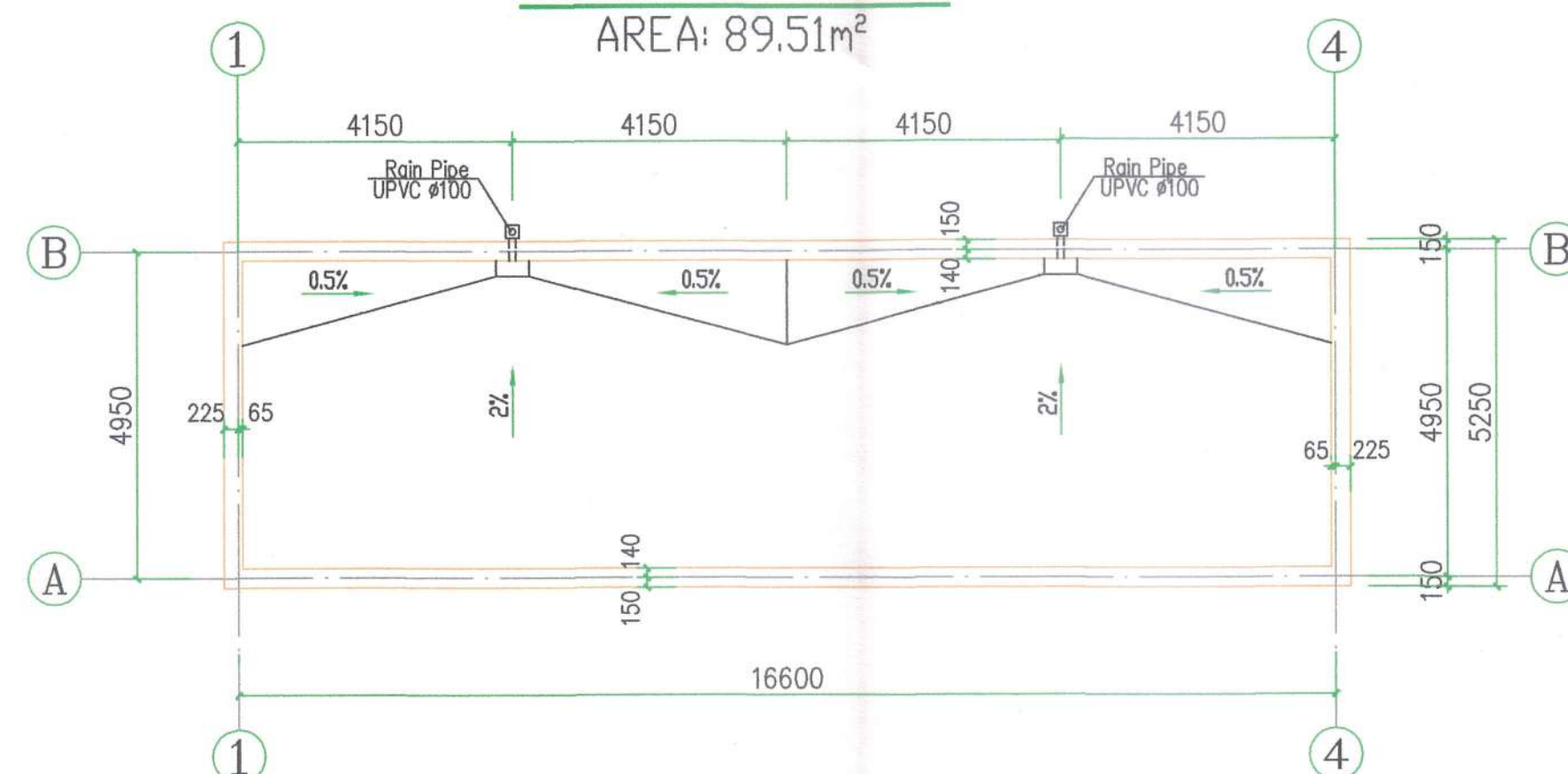
PRELIMINARY GAD

FOR CONTRACTOR			
PREPARED BY:		CHECKED BY:	APPROVED BY:
SUDHANSH KHARE		PRASHANT RANJAN	CHAN HOK WAH
C	18-08-2018	LOCATION OF RETAINING WALL AND TYPE OF FOUNDATION	
B	14-05-2018	SECOND SUBMISSION	
A	24-02-2018	FIRST SUBMISSION	
REV.	DATE	DESCRIPTION	REV.BY CHK.BY
CRSC Beijing National Railway Research&Design Institute of Signal&Communication Co.,Ltd.			
NAME OF THE CONTRACT:			
NEW MUGHALSARAI-NEW BHAUPUR DESIGN AND BUILD SYSTEM WORK CONTRACT PACKAGE-203			
CLIENT NAME:	Dedicated Freight Corridor Corporation of India Ltd. A Government of India (Ministry of Railway) Enterprise		SCALE 1:50
PROJECT NAME:	Eastern Dedicated Freight Corridor Project-2		SHEET 01
ALH (VIIIb) SITE SECTION I-I			TOT.SHEET 01
STATUS:	DWG No.:		REV.
W	1/AR/08b02		C
REF.DWG.:			S41 SIZE 841 X 594 MM
ALIGNMENT PLAN AND PROFILE: FROM CH. 416+900 TO CH. 419+100 DETAIL OF CROSS SECTION: FROM CH. 417+000 TO CH. 417+700			

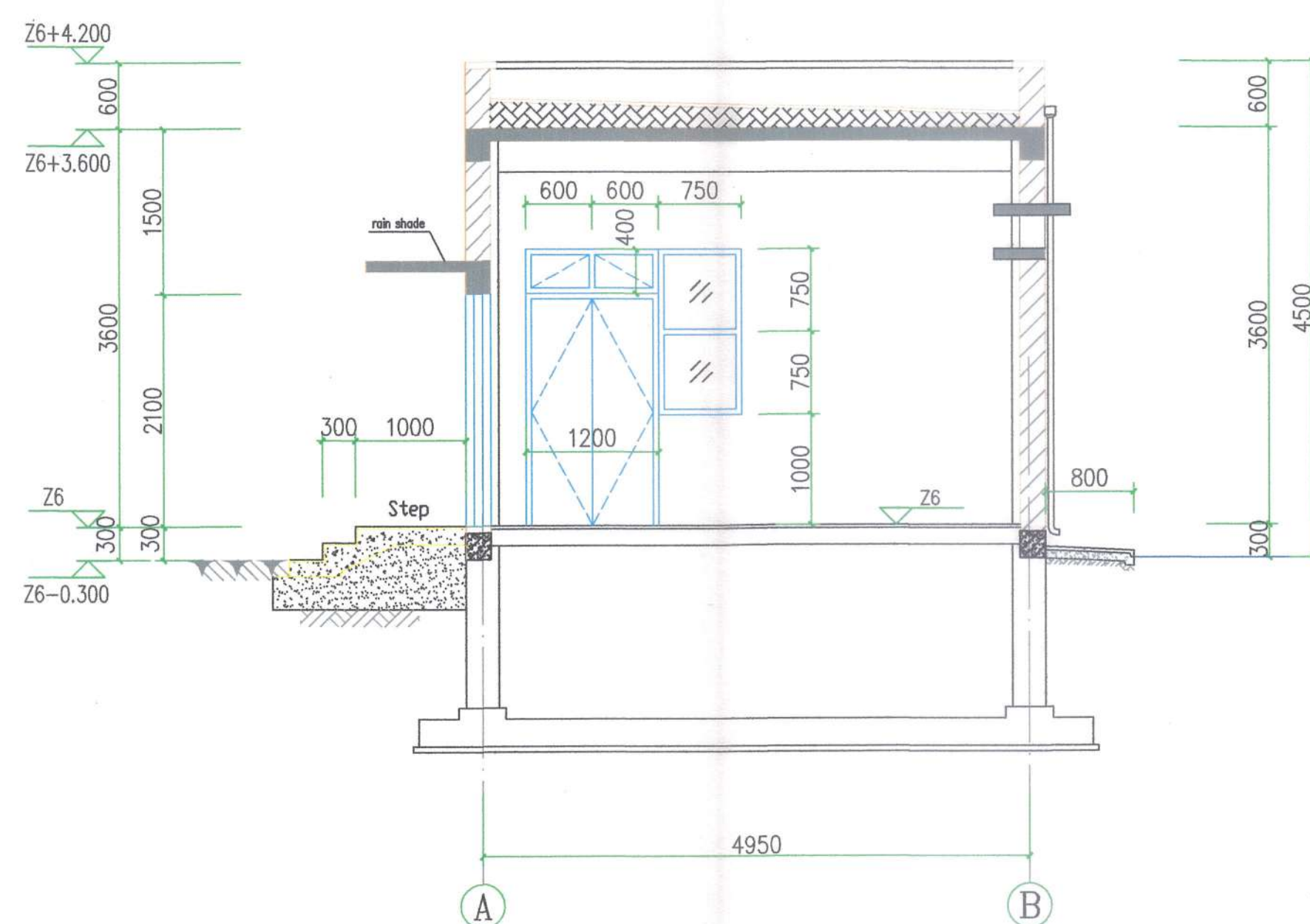
PMC: SYSTRA - MOTT MACDONALD MACDONALD JV	TEAM LEADER ARCHITECT	EMPLOYER: DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.
M MOTT MACDONALD		



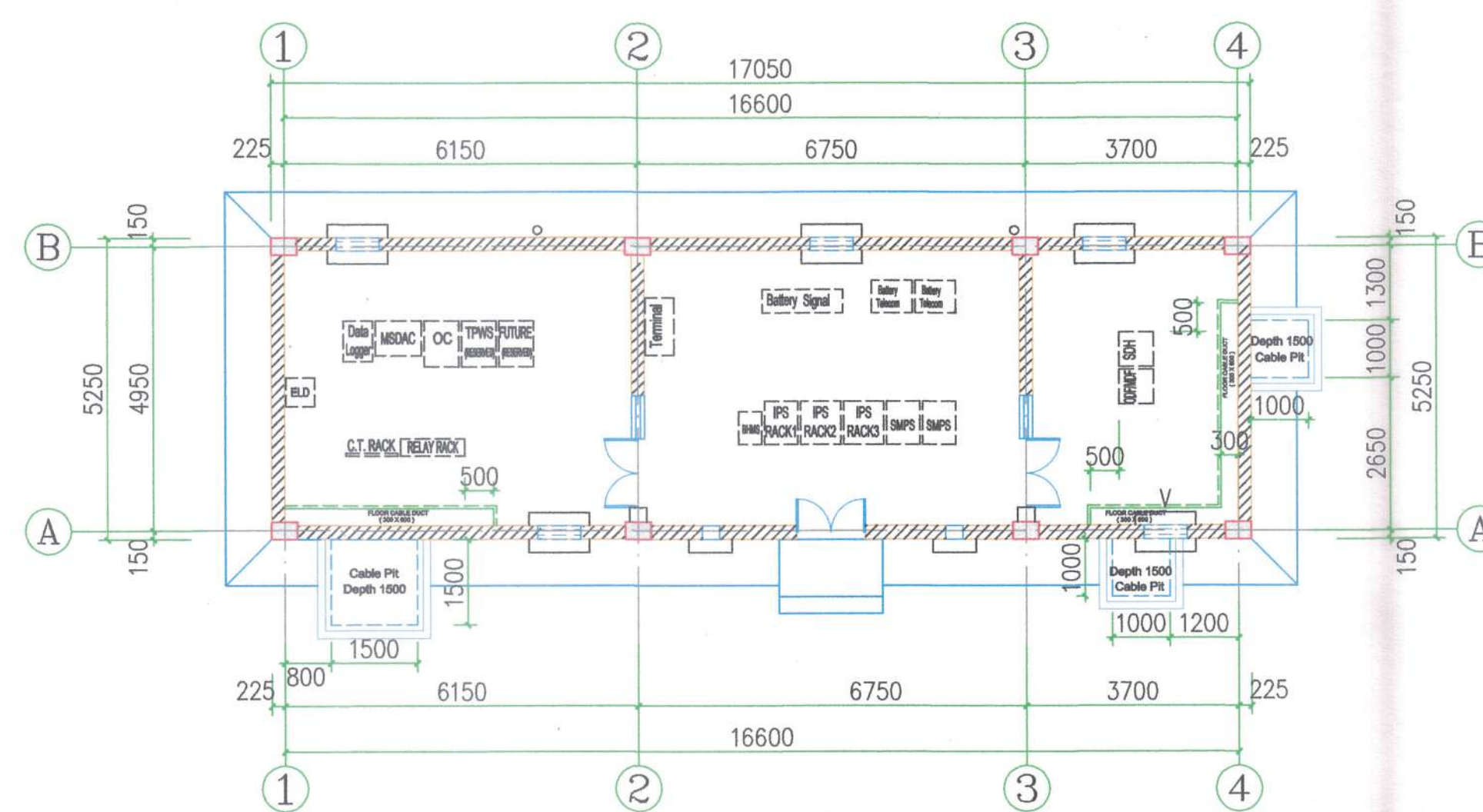
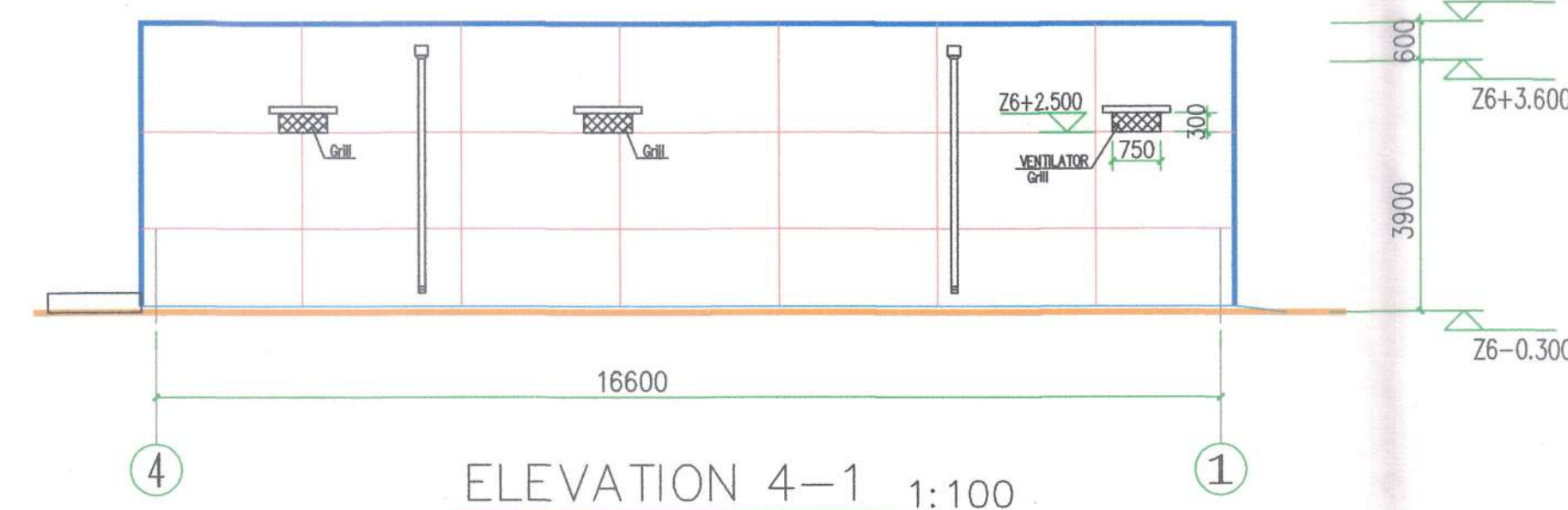
GROUND-PLAN 1:100
AREA: 89.51m²



TERRACE PLAN 1:100



SECTION 2-2 1:50



FLOOR CABLE DUCT PLAN 1:100

DOOR, WINDOW & VENTILATOR SCHEDULE						
TYPE	NO.	WIDTH (MM)	HEIGHT (MM)	SILL (M)	LINTEL (M)	REMARK
DOOR	DV1	1200	2500	Z6	Z6 + 2.500	STEEL DOOR, 400 MM TOP-HUNG VENTILATOR
	D1	1200	2100	Z6	Z6 + 2.100	STEEL DOOR
WINDOW	W1	750	1500	Z6 + 1.000	Z6 + 2.500	FIXED GLASS
VENTILATOR	V	750	300	Z6 + 2.500	Z6 + 2.800	GRILL

FURNISHING SCHEDULE			
S.N.	DESCRIPTION	FINISHING	
		FLOORS	SKIRTING / DADO
1	signalling & telecommunication equipment rooms	ceramic tile flooring	same with 100mm high
2	power supply room	acid proof tiles for flooring	same with 2 metre high
3	doors	door frame - steel section painted with enamel paint shutter door - water proof flush door steel section painted with enamel paint	
4	ventilators	ventilators shall be made with steel "Z" section with the grill painted with enamel paint	
5	internal finish	cement plaster on all walls finished with oil bound distemper	
6	external finish	cement plaster on all walls and finished with snowcem paint	
7	false ceilings	600x600mm calcium silicate panels for signal and telecom equipment room (height upto bottom of false ceiling 2.8 m)	

PMC:
SYSTRA - MOTT MACDONALD
MACDONALD JV

M
MOTT
MACDONALD

TEAM LEADER
ARCHITECT

EMPLOYER:
**DEDICATED FREIGHT
CORRIDOR CORPORATION
OF INDIA LTD.**

डीडीकेटिड फ्रेट कोरीडोर

- NOTES :
- ALL DIMENSIONS ARE IN MM & LEVELS ARE IN M UNLESS OTHERWISE SPECIFIED.
 - ALH(VIIIb) INCLUDE BELOW CHAINAGE LOCATION PROPOSED ALH : CH-417.700.
 - ALL COORDINATES ARE BASED ON WGS 84 PROJECTION IN UTM ZONE 44 (AS PER ALIGNMENT AND CROSS SECTION DRAWING OF CP 201 & 202).
 - CHAINAGE AND LEVELS AS SHOWN IN THE DRAWING IS BASED ON THE DFC DOWN LINE.
 - REFERENCE DRAWING NO. SEE BELOW TABLE :

REFERENCE TABLE A

S.NO.	Item NO.	Building Chainage	Reference Chainage	Alignment Plan & Profile Drawing NO.	Detailed Cross Section Drawing NO.
1	ALH248	417.700	417.700	P2AL0817D	W2CS2444B

6. ALH LOCATION DATUM POINT SEE BELOW TABLE :

REFERENCE TABLE B

S.NO.	Item NO.	Building Chainage	Reference Chainage	Datum Point Unit:m			Direction Angle
				X	Y	Z	
1	ALH248	417.700	417.700	470140.092	2876008.294	115.235	45.766

Note : The direction angle is positive(+) for clockwise rotation.

7. FOR THE ALH LOCATION SEE DRAWING NO. 1/AR/08b02.
8. WATERPROOFING & THERMAL INSULATION ON ROOF TO BE DONE.

PRELIMINARY GAD

FOR CONTRACTOR			
PREPARED BY: <i>Sudhanshu Khare</i>		CHECKED BY: <i>Prashant Ranjan</i>	APPROVED BY: <i>Chan Hok Wah</i>
SUDHANSH KHARE		PRASHANT RANJAN	CHAN HOK WAH
C	18-08-2018	LOCATION OF RETAINING WALL AND TYPE OF FOUNDATION	
B	14-05-2018	SECOND SUBMISSION	
A	24-02-2018	FIRST SUBMISSION	
REV.	DATE	DESCRIPTION	REV.BY CHK.BY
 Beijing National Railway Research&Design Institute of Signal&Communication Co.,Ltd.			
NAME OF THE CONTRACT: NEW MUGHALSARAI-NEW BHAUPUR DESIGN AND BUILD SYSTEM WORK CONTRACT PACKAGE-203			
CLIENT NAME:  Dedicated Freight Corridor Corporation of India Ltd. A Government of India (Ministry of Railway) Enterprise			SCALE 1:100
PROJECT NAME: Eastern Dedicated Freight Corridor Project-2			SHEET 01
ALH(VIIIb) GROUND-PLAN, ELEVATION 1-4, ELEVATION 4-1 SECTION 2-2, TERRACE PLAN			
STATUS: W	DWG No.: 1/AR/08b03	 SHEET 01	
REV. C			
REF.DWG: ALIGNMENT PLAN AND PROFILE : FROM CH. 416+000 TO CH. 418+100 DETAIL OF CROSS SECTION: FROM CH. 417+000 TO CH. 417+700			
SHEET 841 X 594 MM			