

PROJECT - EMRS
CONSTRUCTION OF SCHOOL BUILDING FOR ENLAYVA MODEL RESIDENTIAL SCHOOL (EMRS)

CLIENT -
**GOVT OF INDIA
 MINISTRY OF TRIBAL AFFAIRS
 NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS**



STATEMENT OF AREA

GROUND FLOOR PLINTH AREA	1771.50 SQM
FIRST FLOOR PLINTH AREA	1771.50 SQM
TOTAL PLINTH AREA	3543.00 SQM
RAMP AREA GROUND FLOOR	1343.10 SQM
RAMP AREA FIRST FLOOR	218.00 SQM
TOTAL RAMP AREA	1561.10 SQM

NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
1	CEMENT CONCRETE (1:2:4)	CUM	100	100	10000
2	CEMENT CONCRETE (1:1.5:3)	CUM	50	50	2500
3	CEMENT CONCRETE (1:1:2)	CUM	20	20	1000
4	CEMENT CONCRETE (1:2:4)	CUM	150	150	15000
5	CEMENT CONCRETE (1:1.5:3)	CUM	75	75	3750
6	CEMENT CONCRETE (1:1:2)	CUM	30	30	1500
7	CEMENT CONCRETE (1:2:4)	CUM	200	200	20000
8	CEMENT CONCRETE (1:1.5:3)	CUM	100	100	5000
9	CEMENT CONCRETE (1:1:2)	CUM	40	40	2000
10	CEMENT CONCRETE (1:2:4)	CUM	300	300	30000
11	CEMENT CONCRETE (1:1.5:3)	CUM	150	150	7500
12	CEMENT CONCRETE (1:1:2)	CUM	60	60	3000
13	CEMENT CONCRETE (1:2:4)	CUM	400	400	40000
14	CEMENT CONCRETE (1:1.5:3)	CUM	200	200	10000
15	CEMENT CONCRETE (1:1:2)	CUM	80	80	4000
16	CEMENT CONCRETE (1:2:4)	CUM	600	600	60000
17	CEMENT CONCRETE (1:1.5:3)	CUM	300	300	15000
18	CEMENT CONCRETE (1:1:2)	CUM	120	120	6000
19	CEMENT CONCRETE (1:2:4)	CUM	900	900	90000
20	CEMENT CONCRETE (1:1.5:3)	CUM	450	450	22500
21	CEMENT CONCRETE (1:1:2)	CUM	180	180	9000
22	CEMENT CONCRETE (1:2:4)	CUM	1200	1200	120000
23	CEMENT CONCRETE (1:1.5:3)	CUM	600	600	30000
24	CEMENT CONCRETE (1:1:2)	CUM	240	240	12000
25	CEMENT CONCRETE (1:2:4)	CUM	1800	1800	180000
26	CEMENT CONCRETE (1:1.5:3)	CUM	900	900	45000
27	CEMENT CONCRETE (1:1:2)	CUM	360	360	18000
28	CEMENT CONCRETE (1:2:4)	CUM	2700	2700	270000
29	CEMENT CONCRETE (1:1.5:3)	CUM	1350	1350	67500
30	CEMENT CONCRETE (1:1:2)	CUM	540	540	27000
31	CEMENT CONCRETE (1:2:4)	CUM	4050	4050	405000
32	CEMENT CONCRETE (1:1.5:3)	CUM	2025	2025	101250
33	CEMENT CONCRETE (1:1:2)	CUM	810	810	40500
34	CEMENT CONCRETE (1:2:4)	CUM	6075	6075	607500
35	CEMENT CONCRETE (1:1.5:3)	CUM	3037.5	3037.5	151875
36	CEMENT CONCRETE (1:1:2)	CUM	1215	1215	60750
37	CEMENT CONCRETE (1:2:4)	CUM	9112.5	9112.5	911250
38	CEMENT CONCRETE (1:1.5:3)	CUM	4556.25	4556.25	227812.5
39	CEMENT CONCRETE (1:1:2)	CUM	1822.5	1822.5	91125
40	CEMENT CONCRETE (1:2:4)	CUM	13650	13650	1365000
41	CEMENT CONCRETE (1:1.5:3)	CUM	6825	6825	341250
42	CEMENT CONCRETE (1:1:2)	CUM	2730	2730	136500
43	CEMENT CONCRETE (1:2:4)	CUM	20475	20475	2047500
44	CEMENT CONCRETE (1:1.5:3)	CUM	10237.5	10237.5	511875
45	CEMENT CONCRETE (1:1:2)	CUM	4095	4095	204750
46	CEMENT CONCRETE (1:2:4)	CUM	30712.5	30712.5	3071250
47	CEMENT CONCRETE (1:1.5:3)	CUM	15356.25	15356.25	767812.5
48	CEMENT CONCRETE (1:1:2)	CUM	6142.5	6142.5	307125
49	CEMENT CONCRETE (1:2:4)	CUM	45525	45525	4552500
50	CEMENT CONCRETE (1:1.5:3)	CUM	22762.5	22762.5	1138125
51	CEMENT CONCRETE (1:1:2)	CUM	9097.5	9097.5	454875
52	CEMENT CONCRETE (1:2:4)	CUM	68250	68250	6825000
53	CEMENT CONCRETE (1:1.5:3)	CUM	34125	34125	1706250
54	CEMENT CONCRETE (1:1:2)	CUM	13650	13650	682500
55	CEMENT CONCRETE (1:2:4)	CUM	102375	102375	10237500
56	CEMENT CONCRETE (1:1.5:3)	CUM	51187.5	51187.5	2559375
57	CEMENT CONCRETE (1:1:2)	CUM	20475	20475	1023750
58	CEMENT CONCRETE (1:2:4)	CUM	153562.5	153562.5	15356250
59	CEMENT CONCRETE (1:1.5:3)	CUM	76781.25	76781.25	3839062.5
60	CEMENT CONCRETE (1:1:2)	CUM	30712.5	30712.5	1535625
61	CEMENT CONCRETE (1:2:4)	CUM	227625	227625	22762500
62	CEMENT CONCRETE (1:1.5:3)	CUM	113812.5	113812.5	5690625
63	CEMENT CONCRETE (1:1:2)	CUM	45487.5	45487.5	2274375
64	CEMENT CONCRETE (1:2:4)	CUM	341250	341250	34125000
65	CEMENT CONCRETE (1:1.5:3)	CUM	170625	170625	8531250
66	CEMENT CONCRETE (1:1:2)	CUM	68250	68250	3412500
67	CEMENT CONCRETE (1:2:4)	CUM	511875	511875	51187500
68	CEMENT CONCRETE (1:1.5:3)	CUM	255937.5	255937.5	12796875
69	CEMENT CONCRETE (1:1:2)	CUM	102375	102375	5118750
70	CEMENT CONCRETE (1:2:4)	CUM	767812.5	767812.5	76781250
71	CEMENT CONCRETE (1:1.5:3)	CUM	383906.25	383906.25	19195312.5
72	CEMENT CONCRETE (1:1:2)	CUM	153562.5	153562.5	7678125
73	CEMENT CONCRETE (1:2:4)	CUM	1138125	1138125	113812500
74	CEMENT CONCRETE (1:1.5:3)	CUM	569062.5	569062.5	28453125
75	CEMENT CONCRETE (1:1:2)	CUM	227437.5	227437.5	11371875
76	CEMENT CONCRETE (1:2:4)	CUM	1706250	1706250	170625000
77	CEMENT CONCRETE (1:1.5:3)	CUM	853125	853125	42656250
78	CEMENT CONCRETE (1:1:2)	CUM	341250	341250	17062500
79	CEMENT CONCRETE (1:2:4)	CUM	2559375	2559375	255937500
80	CEMENT CONCRETE (1:1.5:3)	CUM	1279687.5	1279687.5	63984375
81	CEMENT CONCRETE (1:1:2)	CUM	511875	511875	25593750
82	CEMENT CONCRETE (1:2:4)	CUM	3839062.5	3839062.5	383906250
83	CEMENT CONCRETE (1:1.5:3)	CUM	1919531.25	1919531.25	95976562.5
84	CEMENT CONCRETE (1:1:2)	CUM	767812.5	767812.5	38390625
85	CEMENT CONCRETE (1:2:4)	CUM	5690625	5690625	569062500
86	CEMENT CONCRETE (1:1.5:3)	CUM	2845312.5	2845312.5	142265625
87	CEMENT CONCRETE (1:1:2)	CUM	1137187.5	1137187.5	56859375
88	CEMENT CONCRETE (1:2:4)	CUM	8531250	8531250	853125000
89	CEMENT CONCRETE (1:1.5:3)	CUM	4265625	4265625	213281250
90	CEMENT CONCRETE (1:1:2)	CUM	1706250	1706250	85312500
91	CEMENT CONCRETE (1:2:4)	CUM	12796875	12796875	1279687500
92	CEMENT CONCRETE (1:1.5:3)	CUM	6398437.5	6398437.5	319921875
93	CEMENT CONCRETE (1:1:2)	CUM	2559375	2559375	127968750
94	CEMENT CONCRETE (1:2:4)	CUM	19195312.5	19195312.5	1919531250
95	CEMENT CONCRETE (1:1.5:3)	CUM	9597656.25	9597656.25	479882812.5
96	CEMENT CONCRETE (1:1:2)	CUM	3839062.5	3839062.5	191953125
97	CEMENT CONCRETE (1:2:4)	CUM	28453125	28453125	2845312500
98	CEMENT CONCRETE (1:1.5:3)	CUM	14226562.5	14226562.5	711328125
99	CEMENT CONCRETE (1:1:2)	CUM	5685937.5	5685937.5	284296875
100	CEMENT CONCRETE (1:2:4)	CUM	42656250	42656250	4265625000
101	CEMENT CONCRETE (1:1.5:3)	CUM	21328125	21328125	1066406250
102	CEMENT CONCRETE (1:1:2)	CUM	8531250	8531250	426562500
103	CEMENT CONCRETE (1:2:4)	CUM	63984375	63984375	6398437500
104	CEMENT CONCRETE (1:1.5:3)	CUM	31992187.5	31992187.5	1599609375
105	CEMENT CONCRETE (1:1:2)	CUM	12796875	12796875	639843750
106	CEMENT CONCRETE (1:2:4)	CUM	95976562.5	95976562.5	9597656250
107	CEMENT CONCRETE (1:1.5:3)	CUM	47988281.25	47988281.25	2399414062.5
108	CEMENT CONCRETE (1:1:2)	CUM	19195312.5	19195312.5	959765625
109	CEMENT CONCRETE (1:2:4)	CUM	142265625	142265625	14226562500
110	CEMENT CONCRETE (1:1.5:3)	CUM	71132812.5	71132812.5	3556640625
111	CEMENT CONCRETE (1:1:2)	CUM	28429687.5	28429687.5	1421484375
112	CEMENT CONCRETE (1:2:4)	CUM	213281250	213281250	21328125000
113	CEMENT CONCRETE (1:1.5:3)	CUM	106640625	106640625	5332031250
114	CEMENT CONCRETE (1:1:2)	CUM	42656250	42656250	2132812500
115	CEMENT CONCRETE (1:2:4)	CUM	319921875	319921875	31992187500
116	CEMENT CONCRETE (1:1.5:3)	CUM	159960937.5	159960937.5	7998046875
117	CEMENT CONCRETE (1:1:2)	CUM	63984375	63984375	3199218750
118	CEMENT CONCRETE (1:2:4)	CUM	479882812.5	479882812.5	47988281250
119	CEMENT CONCRETE (1:1.5:3)	CUM	239941406.25	239941406.25	11997070312.5
120	CEMENT CONCRETE (1:1:2)	CUM	95976562.5	95976562.5	4798828125
121	CEMENT CONCRETE (1:2:4)	CUM	711328125	711328125	71132812500
122	CEMENT CONCRETE (1:1.5:3)	CUM	355664062.5	355664062.5	17783203125
123	CEMENT CONCRETE (1:1:2)	CUM	142148437.5	142148437.5	7107421875
124	CEMENT CONCRETE (1:2:4)	CUM	1066406250	1066406250	106640625000
125	CEMENT CONCRETE (1:1.5:3)	CUM	533203125	533203125	26660156250
126	CEMENT CONCRETE (1:1:2)	CUM	213281250	213281250	10664062500
127	CEMENT CONCRETE (1:2:4)	CUM	1599609375	1599609375	159960937500
128	CEMENT CONCRETE (1:1.5:3)	CUM	799804687.5	799804687.5	39990234375
129	CEMENT CONCRETE (1:1:2)	CUM	319921875	319921875	15996093750
130	CEMENT CONCRETE (1:2:4)	CUM	2399414062.5	2399414062.5	239941406250
131	CEMENT CONCRETE (1:1.5:3)	CUM	1199707031.25	1199707031.25	59985351562.5
132	CEMENT CONCRETE (1:1:2)	CUM	479882812.5	479882812.5	23994140625
133	CEMENT CONCRETE (1:2:4)	CUM	3556640625	3556640625	355664062500
134	CEMENT CONCRETE (1:1.5:3)	CUM	1778320312.5	1778320312.5	88916015625
135	CEMENT CONCRETE (1:1:2)	CUM	710742187.5	710742187.5	35537109375
136	CEMENT CONCRETE (1:2:4)	CUM	5332031250	5332031250	533203125000
137	CEMENT CONCRETE (1:1.5:3)	CUM	2666015625	2666015625	133300781250
138	CEMENT CONCRETE (1:1:2)	CUM	1066406250	1066406250	53320312500
139	CEMENT CONCRETE (1:2:4)	CUM	7998046875	7998046875	799804687500
140	CEMENT CONCRETE (1:1.5:3)	CUM	3999023437.5	3999023437.5	199951171875
141	CEMENT CONCRETE (1:1:2)	CUM	1599609375	1599609375	79980468750
142	CEMENT CONCRETE (1:2:4)	CUM	11997070312.5	11997070312.5	1199707031250
143	CEMENT CONCRETE (1:1.5:3)	CUM	5998535156.25	5998535156.25	299926757812.5
144	CEMENT CONCRETE (1:1:2)	CUM	2399414062.5	2399414062.5	119970703125
145	CEMENT CONCRETE (1:2:4)	CUM	17995593750	17995593750	1799559375000
146	CEMENT CONCRETE (1:1.5:3)	CUM	8997796875	8997796875	449889843750
147	CEMENT CONCRETE (1:1:2)	CUM	3599117187.5	3599117187.5	179955937500
148	CEMENT CONCRETE (1:2:4)	CUM			

CONSTRUCTION OF SCHOOL BUILDING FOR EKLAAYA MODEL RESIDENTIAL SCHOOL (EMRS)

CLIENT -

GOVT OF INDIA
MINISTRY OF TRIBAL AFFAIRS
NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS



CONSTRUCTION OF EMRS WORKS AT PROPOSED SCHOOL AT KUNDA KOPPUT, DISTRICT, JHARKHAND

HINDUSTAN STEELWORKS CONSTRUCTION LIMITED

ARCHITECT
R. ETINDER MATHUR

PROJECT
KUNDA KOPPUT, DISTRICT, JHARKHAND

PLAN
FIRST FLOOR PLAN

NO.	DATE	REVISION

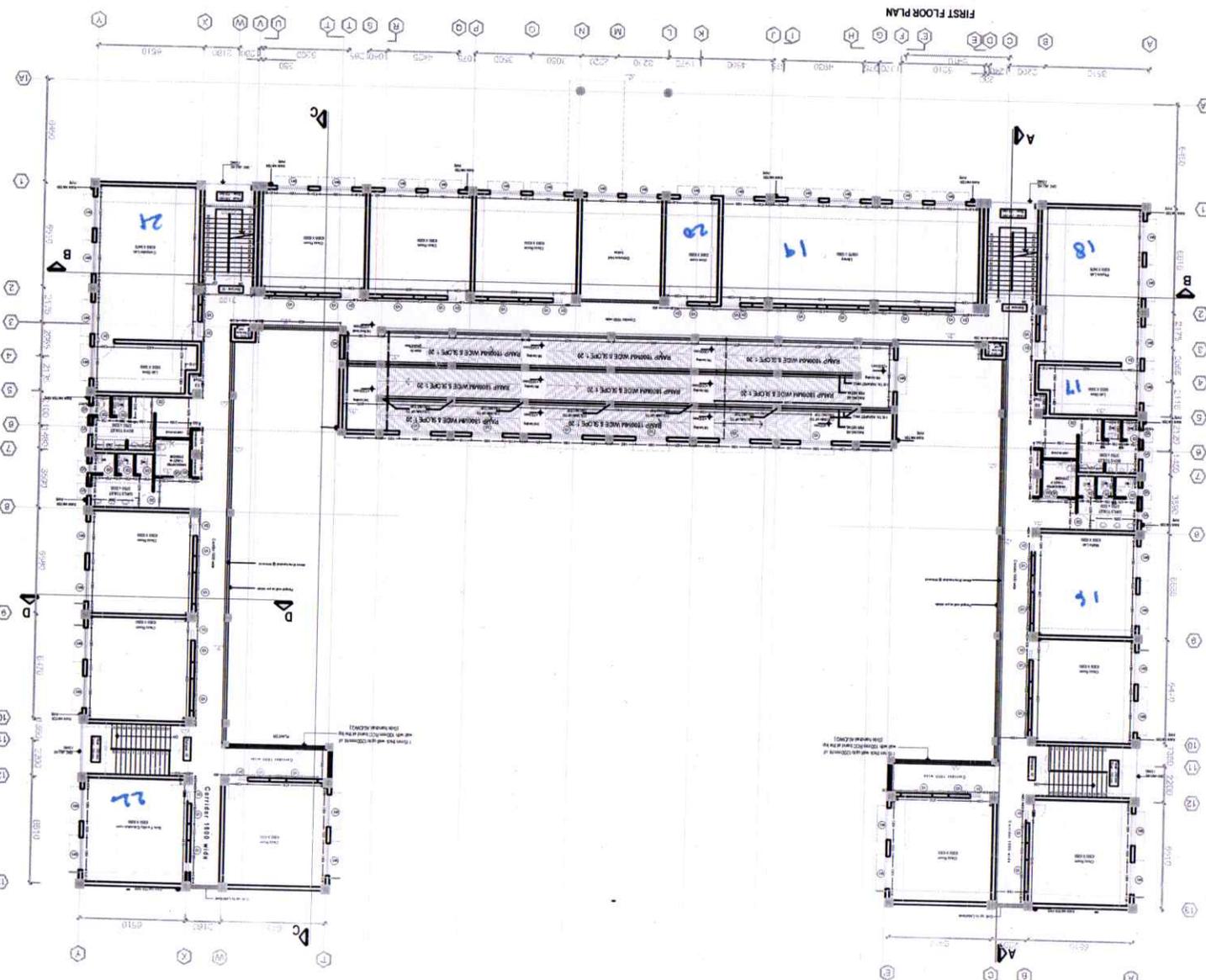
STATEMENT OF AREA

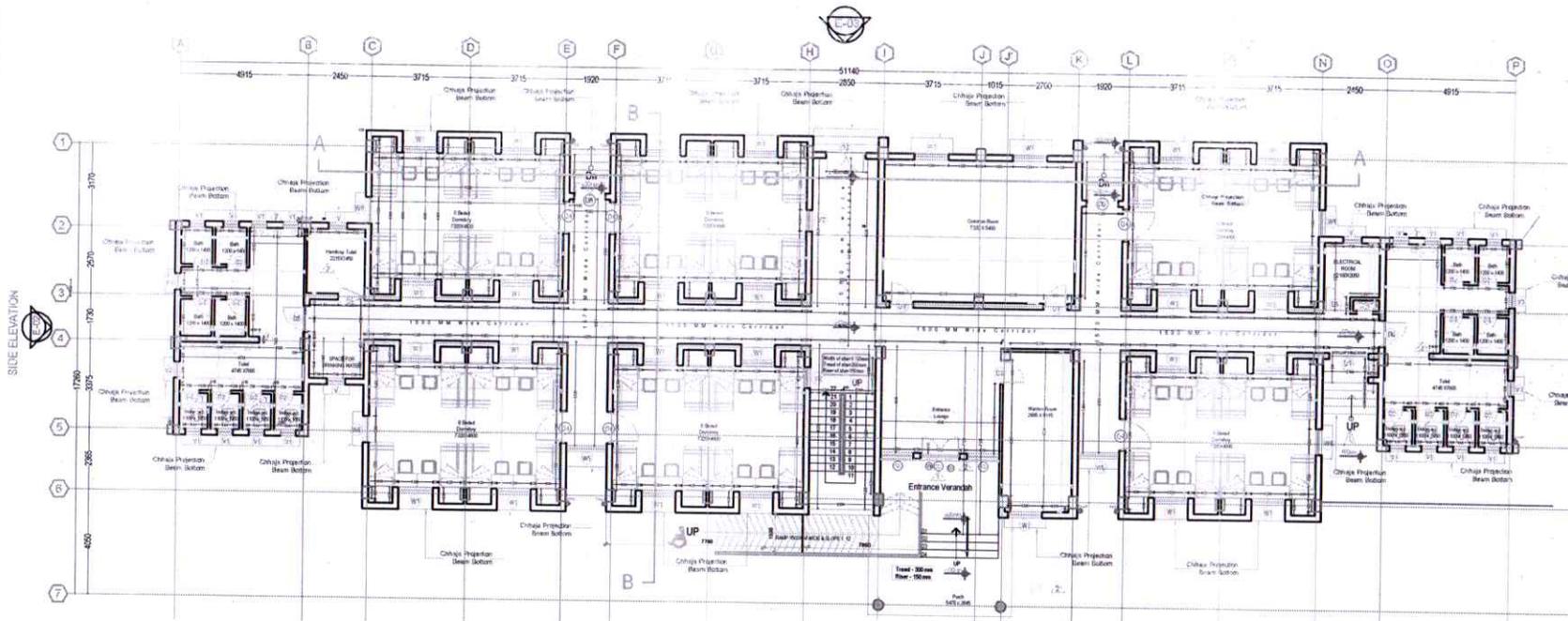
GROUND FLOOR PLINTH AREA	1373.50 SQ.M
FIRST FLOOR PLINTH AREA	1271.50 SQ.M
TOTAL PLINTH AREA	2645.00 SQ.M
RAMP AREA BOUND FLOOR	148.53 SQ.M
TOTAL RAMP AREA	2496.53 SQ.M

SCHEDULE OF ROOMS

NO.	DESCRIPTION	AREA (SQ.M)	VOLUME (CU.M)	REMARKS
01	CLASS ROOM	120.00	120.00	
02	CLASS ROOM	120.00	120.00	
03	CLASS ROOM	120.00	120.00	
04	CLASS ROOM	120.00	120.00	
05	CLASS ROOM	120.00	120.00	
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97	CLASS ROOM	120.00	120.00	
98	CLASS ROOM	120.00	120.00	
99	CLASS ROOM	120.00	120.00	
100	CLASS ROOM	120.00	120.00	

Note: Furniture in all the rooms except class rooms will be decided at later stage.





SIDE ELEVATION

Main Entry

FRONT ELEVATION

GROUND FLOOR PLAN ±00mm

- 01 Total no. of Dormitories = 6 No.
- 02 NO. of Bed In Each Dormitories = 8 No.
- 03 Total No. of Bed = 48 No. of Bed

DOOR SCHEDULE

S.N	TYPE	SIZE (MM)	SILL HT (MM)	LIN. HT (MM)	GF (NO.)	FF (NO.)	TF (NO.)	Total (NO.)	SPECIFICATION OF WINDOW	
									FRAME	SHUTTER
1	D1	1500 X 2100	0	2100	1	—	—	1	Entrance door shall be provided with powder coated Aluminium Glazed Door with Collapsible Door.	
2	D2	750 X 2100	0	2100	16	16	—	32	Wash Area & Toilet shall have 35mm thick & shell be Factory made machine pressed pre-laminated Flush Door Shutter of exterior grade in single leaf.	
3	D3	900 X 2100	0	2100	3	—	—	3	Hostel will have 35mm thick Non decorative Flush Door in single leaf including teak wood edge liping except wash area with rubber floor door stoppers and synthetic enamel paints on both sides>The door closer in Warden office.	
4	D4	1200 X 2100	0	2100	6	8	—	14		
5	D5	1000 X 2100	0	2100	3	2	—	5		
6	D6	1200 X 2100	0	2100	2	—	—	2		
7	D7	900 X 2100	0	2100	—	—	1	1		
8	D8	1500 X 2100	0	2100	1	—	—	1		
9	SD	1000 X 2100	0	2100	1	—	—	1		
10	D9	1500 X 2100	0	2100	1	—	—	1		
11	CG	4540 X 2100		2100	1	—	—		COLLAPSIBLE DOOR AS PER DETAIL	

WINDOW SCHEDULE

S.N	TYPE	SIZE (MM)	SILL HT (MM)	LIN. HT (MM)	GF (NO.)	FF (NO.)	TF (NO.)	Total (NO.)	SPECIFICATION OF WINDOW	
									FRAME	SHUTTER
1	W1	1300 X 1800	1050	2850	27	33	—	60	Window & Ventilator except toilet portion shall be plain glass panels. The Window shall be fixed and rest part openable Shutters.	
2	FGL	1250 X2550	300	2850	2	—	—	02		
3	W4	1500 X1800	1050	2850	—	1	—	01		
4	W5	1570 X1800	1050	2850	2	5	—	07		
5	W6	1000 X 1800	1050	2850	4	5	—	09		
6	V	700 X800	2250	2850	3	1	—	04		
7	V1	600 X600	2250	2850	14	14	—	24		
8	V2	800 X800	2250	2850	2	4	—	06		
9	V3	600 X 1200	1650	2850	4	4	—	08		
10	V4	1500 X 750	2100	2850	1	—	—	01		

PROJECT - EMRS
CONSTRUCTION OF SCHOOL BUILDING FOR EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)

CLIENT -
 GOVT OF INDIA
 MINISTRY OF TRIBAL AFFAIRS
 NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS



EXECUTING AGENCY -
HINDUSTAN STEELWORKS CONSTRUCTION LIMITED

ARCHITECT
YETINDER MATHUR

PROJECT -
CONSTRUCTION OF EMRS WORKS AT PROPOSED BOYS'S HOSTEL KUNDRA KORAPUT, ORISSA, INDIA

CATEGORY - **BOYS'S HOSTEL**

DRAWING TITLE - **GROUND FLOOR PLAN**

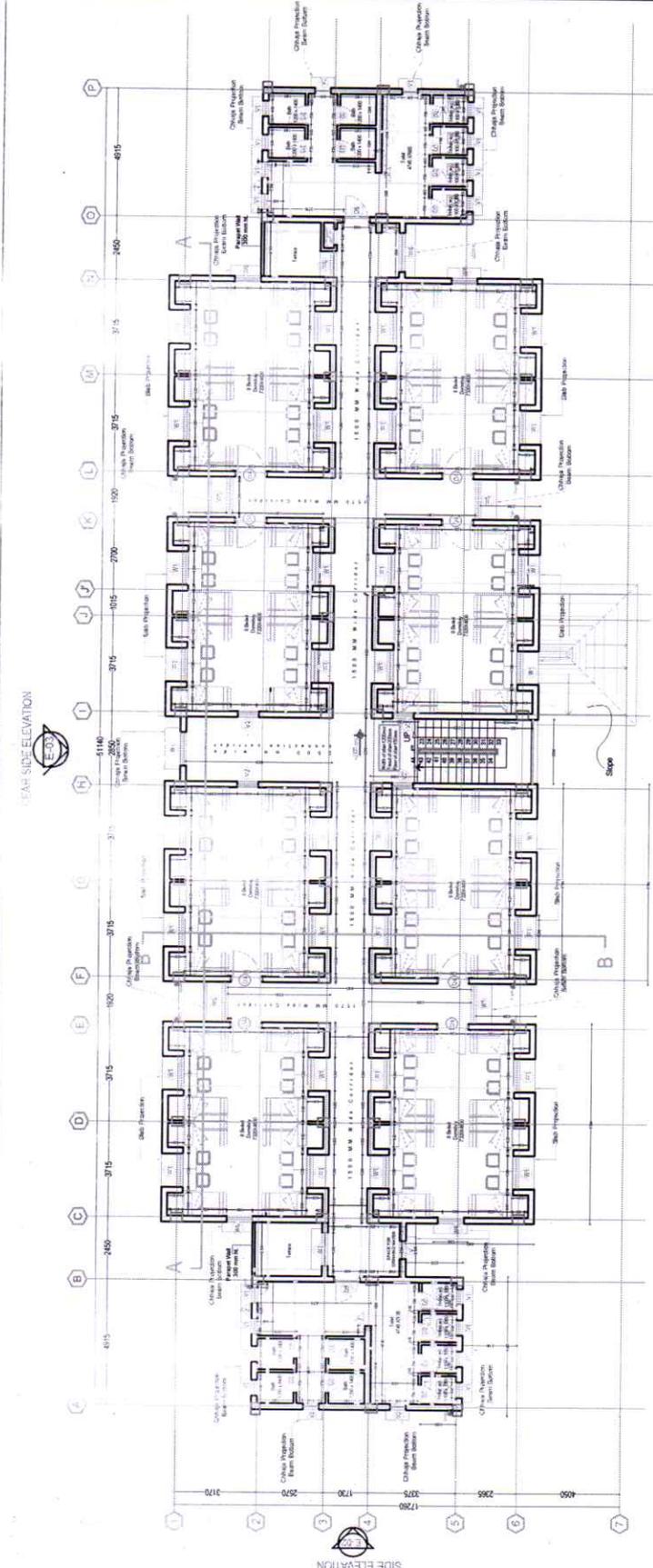
DATE	SCALE	BY	CHECKED

DRAWING REVISIONS
 1. CORRECTION
 2. CORRECTION
 3. CORRECTION
 4. CORRECTION

PROJECT - EMRS
 CONSTRUCTION OF SCHOOL BUILDING
 FOR EKALAYA MODEL RESIDENTIAL
 SCHOOL (EMRS)
 CLIENT -
 GOVT OF INDIA
 MINISTRY OF TRIBAL AFFAIRS
 NATIONAL EDUCATIONAL
 SOCIETY FOR TRIBAL STUDENTS



REVENUE AGENCY
 HINDUSTAN STEELWORKS
 CONSTRUCTION LIMITED
 ARCHITECT
 YETINDER MATHUR
 1511, 1513 & 1515, GATE NO. 204, WZ/20
 CONSTRUCTION OF EMRS, WORKS AT
 PROPOSED BOYS HOSTEL
 KUMDKA KOPARAT, JHARKHA, INDIA
 BOYS HOSTEL
 FIRST FLOOR PLAN



- 01 Total no. of Dormitories = 8 No.
- 02 NO. of Bed in Each Dormitories = 8 No
- 03 Total No. of Bed = 64 No. of Bed

FRONT ELEVATION
 FIRST FLOOR PLAN +3300mm

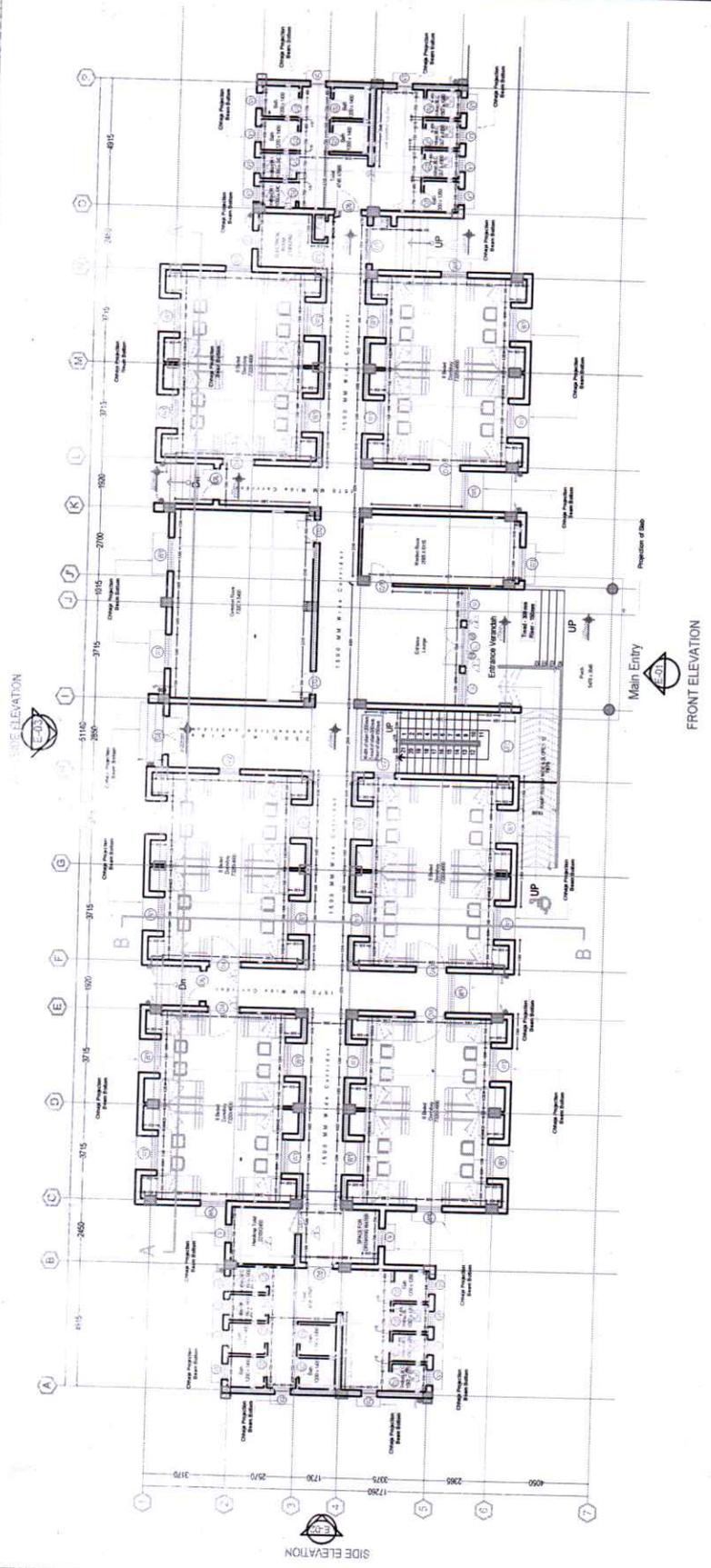
WINDOW SCHEDULE										
S/N	TYPE	SIZE (MM)	SILL HT (MM)	LIN. HT (MM)	GF (NO.)	FF (NO.)	TF (NO.)	Total (NO.)	SPECIFICATION OF WINDOW	
									FRAME	SHUTTER
1	W1	1300 X 1800	1050	2850	27	33	—	60	Steel glazed windows and ventilator frames & shutters shall be factory made ISI marked bars with 10mm dia	SHUTTER
2	FGL	1250 X 2550	300	2850	2	—	—	02	Window & Ventilator except toilet portion shall be glass panels. The Window shall be fixed and not part operable Shutters.	Window & Ventilator except toilet portion shall be glass panels. The Window shall be fixed and not part operable Shutters.
3	W4	1500 X 1800	1050	2850	—	1	—	01		
4	W5	1570 X 1800	1050	2850	2	5	—	07		The glazed window Shutter shall be open outside and the mesh Shutter shall be open inside. Toilet portion window & Ventilator shall be with frosted glass and mesh Shutter shall be fitted with the required features like stays and fasteners.
5	W6	1000 X 1800	1050	2850	4	5	—	09		
6	V	700 X 600	2250	2850	3	1	—	04		
7	V1	600 X 600	2250	2850	14	14	—	24		
8	V2	800 X 600	2250	2850	2	4	—	06		
9	V3	600 X 1200	1650	2850	4	4	—	08		
10	V4	1500 X 750	2100	2850	1	—	—	01		

DOOR SCHEDULE										
S/N	TYPE	SIZE (MM)	SILL HT (MM)	LIN. HT (MM)	GF (NO.)	FF (NO.)	TF (NO.)	Total (NO.)	SPECIFICATION OF WINDOW	
									FRAME	SHUTTER
1	D1	1500 X 2100	0	2100	1	—	—	1	Entrance door shall be provided with powder coated Aluminium Glazed Door with Collapsible Door.	SHUTTER
2	D2	750 X 2100	0	2100	16	16	—	32	Wash Area & Toilet shall have 35mm thick & shall be Factory made machine pressed pre-laminated Flush Door Shutter of exterior grade in single leaf.	SHUTTER
3	D3	800 X 2100	0	2100	3	—	—	3	Hostel will have 35mm thick non decorative Flush Door in single leaf including teak wood edge jiling except wash area with rubber floor door stoppers and synthetic enamel paints on both sides>The door closer in Warden office.	SHUTTER
4	D4	1200 X 2100	0	2100	6	8	—	14	Frames 40 x 40 x 5 mm with 15 x 3 mm lugs 100 mm long embedded in wall with the help of CC block of mix 1:3:6	SHUTTER
5	D5	1000 X 2100	0	2100	3	2	—	5	Frames of doors shall consist of 70mm	SHUTTER
6	D6	1200 X 2100	0	2100	2	—	—	2		SHUTTER
7	D7	900 X 2100	0	2100	—	1	—	1		SHUTTER
8	D8	1500 X 2100	0	2100	1	—	—	1		SHUTTER
9	SD	1000 X 2100	0	2100	1	—	—	1		SHUTTER
10	D9	1500 X 2100	0	2100	1	—	—	1		SHUTTER
11	CG	4540 X 2100	0	2100	1	—	—	1		SHUTTER

COLLAPSIBLE DOOR AS PER DETAIL

PROJECT: E-100
CONSTRUCTION OF SCHOOL BUILDING FOR EKALAYA MODEL RESIDENTIAL SCHOOL (EMRS)

CLIENT:
 GOVT OF INDIA
 MINISTRY OF TRIBAL AFFAIRS
 NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS



- 01 Total no. of Dormitories = 6 No.
- 02 NO. of Bed in Each Dormitories = 8 No.
- 03 Total No. of Bed = 48 No. of Bed

GROUND FLOOR PLAN ±00mm

DOOR SCHEDULE									
SN	TYPE	SIZE (MM)	SILL HT (MM)	LIN HT (MM)	GF (NO.)	FF (NO.)	TF (NO.)	Total (NO.)	SPECIFICATION OF WINDOW
1	D1	1500 X 2100	0	2100	1	-	-	1	FRAME Frames 40 x 40 x 6 mm with 15 x 3 mm lugs 100 mm long embedded in wall with the help of CC block of max 1:3 Frame of doors shall consist of T-section with HS gills with 12 mm square bars @ 100mm c/c Steel glazed/galvanized windows and ventilator frame & shutters shall be fixed and not part operable shutters. The glazed window shutter shall be open outside and the main shutter shall be open inside. Toilet portion window & ventilator shall be with insect glass panels. The window shall be fixed with the required features like stays and fasteners.
2	D2	750 X 2100	0	2100	16	16	-	32	
3	D3	900 X 2100	0	2100	3	-	-	3	
4	D4	1200 X 2100	0	2100	6	6	-	14	
5	D5	1000 X 2100	0	2100	3	2	-	5	
6	D6	1200 X 2100	0	2100	2	-	-	2	
7	D7	800 X 2100	0	2100	-	-	1	1	
8	D8	1500 X 2100	0	2100	1	-	-	1	
9	SD	1000 X 2100	0	2100	1	-	-	1	
10	D9	1500 X 2100	0	2100	1	-	-	1	
11	CG	4540 X 2100	0	2100	1	-	-	1	

WINDOW SCHEDULE									
SN	TYPE	SIZE (MM)	SILL HT (MM)	LIN HT (MM)	GF (NO.)	FF (NO.)	TF (NO.)	Total (NO.)	SPECIFICATION OF WINDOW
1	W1	1300 X 1800	1050	2850	27	33	-	60	FRAME Window & Ventilator except toilet portion shall be plain glass panels. The window shall be fixed and not part operable shutters. The glazed window shutter shall be open outside and the main shutter shall be open inside. Toilet portion window & ventilator shall be with insect glass panels. The window shall be fixed with the required features like stays and fasteners.
2	FGL	1250 X 2550	300	2850	2	-	-	02	
3	W4	1500 X 1800	1050	2850	-	1	-	01	
4	W5	1570 X 1800	1050	2850	2	5	-	07	
5	W6	1000 X 1800	1050	2850	4	5	-	09	
6	V	700 X 800	2250	2850	3	1	-	04	
7	V1	600 X 800	2250	2850	14	14	-	24	
8	V2	800 X 1200	2250	2850	2	4	-	06	
9	V3	800 X 1200	1650	2850	4	4	-	08	
10	V4	1500 X 750	2100	2850	1	-	-	01	

PROJECT: E-100
CONSTRUCTION OF SCHOOL BUILDING FOR EKALAYA MODEL RESIDENTIAL SCHOOL (EMRS)

CLIENT:
 GOVT OF INDIA
 MINISTRY OF TRIBAL AFFAIRS
 NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS

ARCHITECT:
HINDUSTAN STEELWORKS CONSTRUCTION LIMITED

ARCHITECT:
YETINDER MAHUR

PROJECT:
CONSTRUCTION OF EMRS WORKS AT PROPOSED GIRLS HOSTEL, KANDRA KOKMAT, ORISSA, INDIA

PROJECT:
GIRLS HOSTEL

PROJECT:
GROUND FLOOR PLAN



- 01 Total no. of Dormitories = 8 No.
- 02 NO. of Bed In Each Dormitories = 8 No.
- 03 Total No. of Bed = 64 No. of Bed

FIRST FLOOR PLAN +3300mm

DOOR SCHEDULE									
S.N	TYPE	SIZE (MM)	SILL HT (MM)	LIN. HT (MM)	GF (NO.)	FF (NO.)	TF (NO.)	Total (NO.)	SPECIFICATION OF WINDOW
1	D1	1500 X 2100	0	2100	1	-	-	1	<p>Frame of doors shall consist of T-iron frames 40 x 40 x 6 mm with 15 x 3 mm lugs 100 mm long embedded in wall with the help of CC block of max. 1:3:6</p> <p>Entrance door shall be provided with powder coated Aluminium Glazed Door with Collapsible Door.</p> <p>Wash Area & Toilet shall have 35mm thick & shall be Factory made machine pressed pre-laminated Flush Door Shutter of exterior grade in single leaf.</p> <p>Hostel will have 35mm thick Non decorative Flush Door in single leaf including leak wood edge lipping except wash area with rubber floor door stoppers and synthetic enamel paints on both sides>The door closer in Warden office.</p>
2	D2	750 X 2100	0	2100	16	16	-	32	
3	D3	900 X 2100	0	2100	3	-	-	3	
4	D4	1200 X 2100	0	2100	6	8	-	14	
5	D5	1000 X 2100	0	2100	3	2	-	5	
6	D6	1200 X 2100	0	2100	2	-	-	2	
7	D7	900 X 2100	0	2100	-	-	1	1	
8	D8	1500 X 2100	0	2100	1	-	-	1	
9	SD	1000 X 2100	0	2100	1	-	-	1	
10	D9	1500 X 2100	0	2100	1	-	-	1	
11	CG	4540 X 2100		2100	1	-	-	1	
									COLLAPSIBLE DOOR AS PER DETAIL
									COLLAPSIBLE DOOR AS PER DETAIL

WINDOW SCHEDULE									
S.N	TYPE	SIZE (MM)	SILL HT (MM)	LIN. HT (MM)	GF (NO.)	FF (NO.)	TF (NO.)	Total (NO.)	SPECIFICATION OF WINDOW
1	W1	1300 X 1800	1050	2850	27	33	-	60	<p>Shut glazed windows and ventilator frame & factory made aluminium with 2-section with MS grille with 12 mm square bars @ 100mm c/c</p> <p>Window & Ventilator except toilet portion shall be plain glass panels. The Window shall be fixed and rest part openable Shutters.</p> <p>The glazed window Shutter shall be open outside and the mesh Shutter shall be open inside. Toilet portion window & Ventilator shall be with frosted glass panels. The window shall be fitted with the required fixtures like stays and fasteners.</p>
2	FGL	1250 X 2550	300	2850	2	-	-	02	
3	W4	1500 X 1800	1050	2850	-	1	-	01	
4	W5	1570 X 1800	1050	2850	2	5	-	07	
5	W6	1000 X 1800	1050	2850	4	5	-	09	
6	V	700 X 900	2250	2850	3	1	-	04	
7	V1	600 X 900	2250	2850	14	14	-	24	
8	V2	800 X 900	2250	2850	2	4	-	06	
9	V3	600 X 1200	1650	2850	4	4	-	08	
10	V4	1500 X 750	2100	2850	1	-	-	01	

PROJECT - EMRS

CONSTRUCTION OF SCHOOL BUILDING FOR EKLAHYA MODEL RESIDENTIAL SCHOOL (EMRS)

CLIENT - GOVT OF INDIA
MINISTRY OF TRIBAL AFFAIRS
NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS

EXECUTIVE AGENCY: HINDUSTAN STEELWORKS CONSTRUCTION LIMITED

ARCHITECT: YETINDER MATHUR

PROJECT: CONSTRUCTION OF EMRS WORKS AT PROPOSED GIRL'S HOSTEL RUNDRA KORAPUT, JORISHA, INDIA

CLIENT: GIRL'S HOSTEL

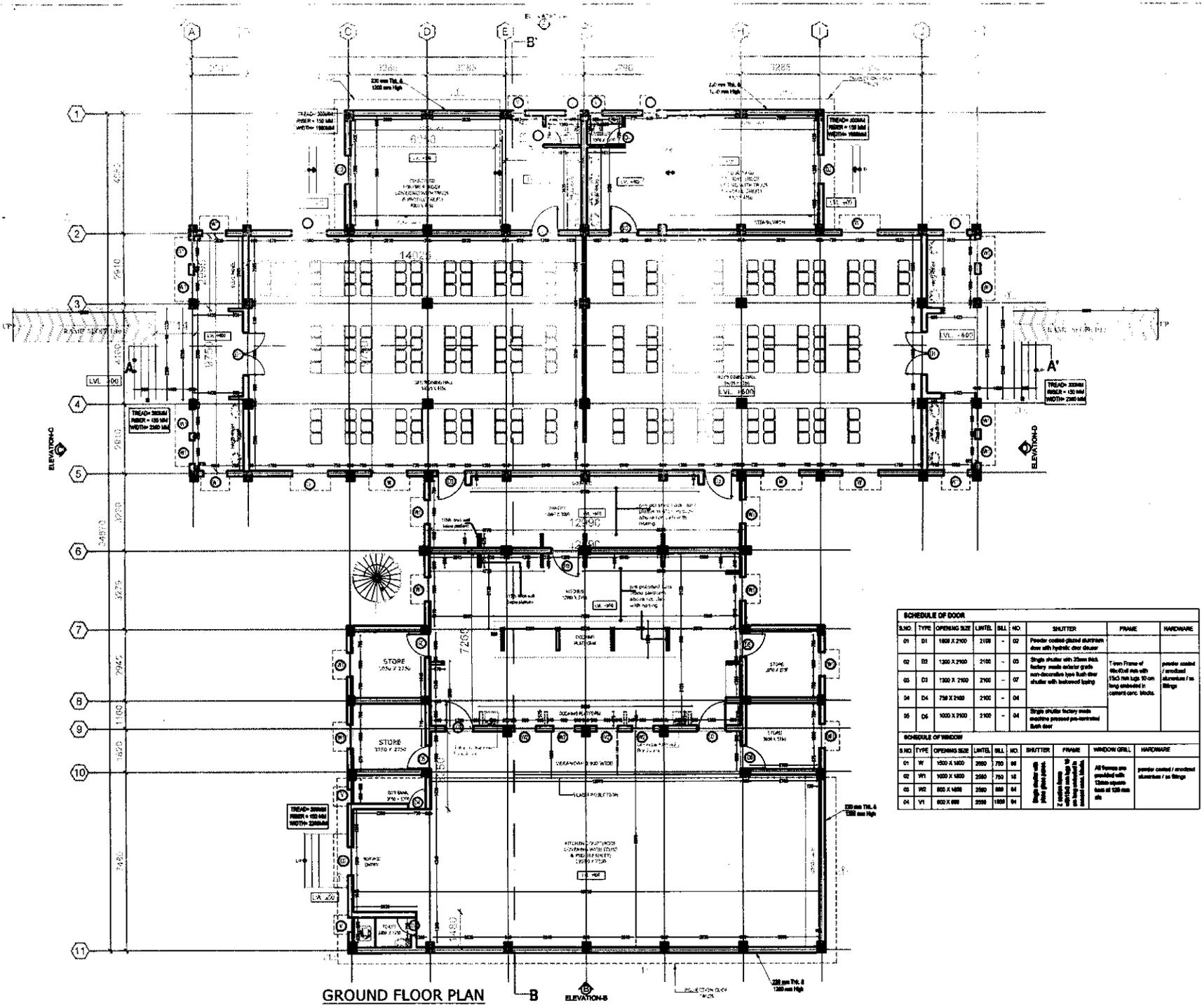
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APPROVED BY: []

DATE: []



SCHEDULE OF DOOR						
S.NO	TYPE	OPENING SIZE	LINTEL	SILL	NO.	
01	D1	1800 X 2100	2100	-	02	Powder coated glazed shutter door with hydraulic door closer
02	D2	1200 X 2100	2100	-	03	Single shutter with 25mm thick battery made solar grade sun-decorative type half door shutter with insulated lining
03	D3	1200 X 2100	2100	-	04	Single shutter factory made powder painted pre-treated half door
04	D4	750 X 2100	2100	-	05	Single shutter factory made powder painted pre-treated half door
05	D5	1000 X 2100	2100	-	06	Single shutter factory made powder painted pre-treated half door

SCHEDULE OF WINDOW						
S.NO	TYPE	OPENING SIZE	LINTEL	SILL	NO.	
01	W	1500 X 1800	2000	750	08	All frames are provided with Class 10000 glass of 12mm thickness with 12mm air gap and 12mm spacer
02	W1	1000 X 1400	2000	750	16	powder coated / anodized aluminum / or bronze
03	W2	800 X 1400	2000	800	04	powder coated / anodized aluminum / or bronze
04	W1	800 X 900	2000	1000	04	powder coated / anodized aluminum / or bronze

PROJECT - EMMS
CONSTRUCTION OF SCHOOL BUILDING FOR EKLAWYA MODEL RESIDENTIAL SCHOOL (EMMS)

CLIENT -
 GOVT OF INDIA
 MINISTRY OF TRIBAL AFFAIRS
 NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS



CONTRACTOR -
HINDUSTAN STEELWORKS CONSTRUCTION LIMITED

ARCHITECT -
YETINDER MATHUR

PROJECT -
 CONSTRUCTION OF EMMS WORKS A PROPOSED KITCHEN & DINING BLOCK EKLAWYA MODEL RESIDENTIAL SCHOOL, INDIA

DATE -
 DRAWN BY -
 CHECKED BY -
GROUND FLOOR PLAN

SCALE	1:100
DATE	15/05/2024
PROJECT	EMMS WORKS
CLIENT	GOVT OF INDIA
ARCHITECT	YETINDER MATHUR
CONTRACTOR	HINDUSTAN STEELWORKS CONSTRUCTION LIMITED
PROJECT	CONSTRUCTION OF EMMS WORKS A PROPOSED KITCHEN & DINING BLOCK EKLAWYA MODEL RESIDENTIAL SCHOOL, INDIA
DATE	15/05/2024
DRAWN BY	Y.M.
CHECKED BY	Y.M.
SCALE	1:100
PROJECT	EMMS WORKS