

Proposed Multipurpose Hall Building at  
Th.Omadhoo School

*ARCHITECTURAL & STRUCTURAL DRAWINGS*

Client: Ministry of Education



RIYAN PRIVATE LIMITED

t: +9603315049 f: +9603310776

e: info@riyan.com.mv

w: www.riyan.com.mv

3rd floor, H. Azum, Ameenemagau, Male'

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright

TABLE OF CONTENTS

DRAWING No.	TITLE	REVISION No.	DATE	REMARKS
A R C H I T E C T U R A L		---	---	---
A - 0 / 24	SITE PLAN	---	---	---
A - 00 / 24	PROPOSED BOUNDARY WALL PLAN	---	---	---
A - 01 / 24	GROUND FLOOR PLAN	---	---	---
A - 02 / 24	FIRST FLOOR PLAN	---	---	---
A - 03 / 24	ROOF PLAN - 1	---	---	---
A - 04 / 24	ROOF PLAN - 2	---	---	---
A - 05 / 24	ELEVATION A & C	---	---	---
A - 06 / 24	ELEVATION B & D	---	---	---
A - 07 / 24	SECTION X-X	---	---	---
A - 08 / 24	DOOR & WINDOW SCHEDULE - 1	---	---	---
A - 09 / 24	DOOR & WINDOW SCHEDULE - 2	---	---	---
A - 10 / 24	VENTILATION SCHEDULE	---	---	---
A - 11 / 24	GROUND FLOOR REFLECTED CEILING PLAN	---	---	---
A - 12 / 24	FIRST FLOOR REFLECTED CEILING PLAN	---	---	---
A - 13 / 24	GROUND FLOOR FLOOR FINISHES PLAN	---	---	---
A - 14 / 24	FIRST FLOOR FLOOR FINISHES PLAN	---	---	---
A - 15 / 24	DETAIL - 1: PLANTER BOX DETAILS	---	---	---
A - 16 / 24	DETAIL - 2 :RC FINS DETAILS	---	---	---
A - 17 / 24	DETAIL - 3:TOILET DETAILS	---	---	---
A - 18 / 24	DETAIL - 4:MAIN STAIRCASE DETAILS	---	---	---
A - 19 / 24	DETAIL - 5:RAMP DETAILS	---	---	---
A - 20 / 24	DETAIL - 6 (6.1):STAGE FRAMING PLAN AND STORAGE PLAN	---	---	---
A - 21 / 24	DETAIL - 6 (6.2):STAGE DETAILS	---	---	---
A - 22 / 24	DETAIL - 7: BOUNDARY WALL DETAILS	---	---	---
S T R U C T U R A L		---	---	---
S - 00 / 12	GENERAL NOTES PAGE	---	---	---
S - 01 / 12	GROUND FLOOR COLUMN LAYOUT PLAN	---	---	---
S - 02 / 12	FIRST FLOOR COLUMN LAYOUT PLAN	---	---	---
S - 03 / 12	FOUNDATION PLAN	---	---	---
S - 04 / 12	FIRST FLOOR BEAM PLAN	---	---	---
S - 05 / 12	FIRST FLOOR SLAB REINFORCEMENT PLAN	---	---	---
S - 06 / 12	LOWER ROOF FRAMING PLAN	---	---	---
S - 07 / 12	ROOF BEAM LEVEL - 1 AND SLAB REINFORCEMENT PLAN (+7300)	---	---	---
S - 08 / 12	ROOF BEAM LEVEL - 2 PLAN (+8200)	---	---	---
S - 09 / 12	ROOF TRUSS AND FRAMING PLAN	---	---	---
S - 10 / 12	ROOF TRUSS DETAILS	---	---	---
S - 11 / 12	STRUCTURAL DETAILS - 1	---	---	---
S - 12 / 12	STRUCTURAL DETAILS - 2	---	---	---





BOUNDARY WALL / SITE PLAN

SCALE 1:200



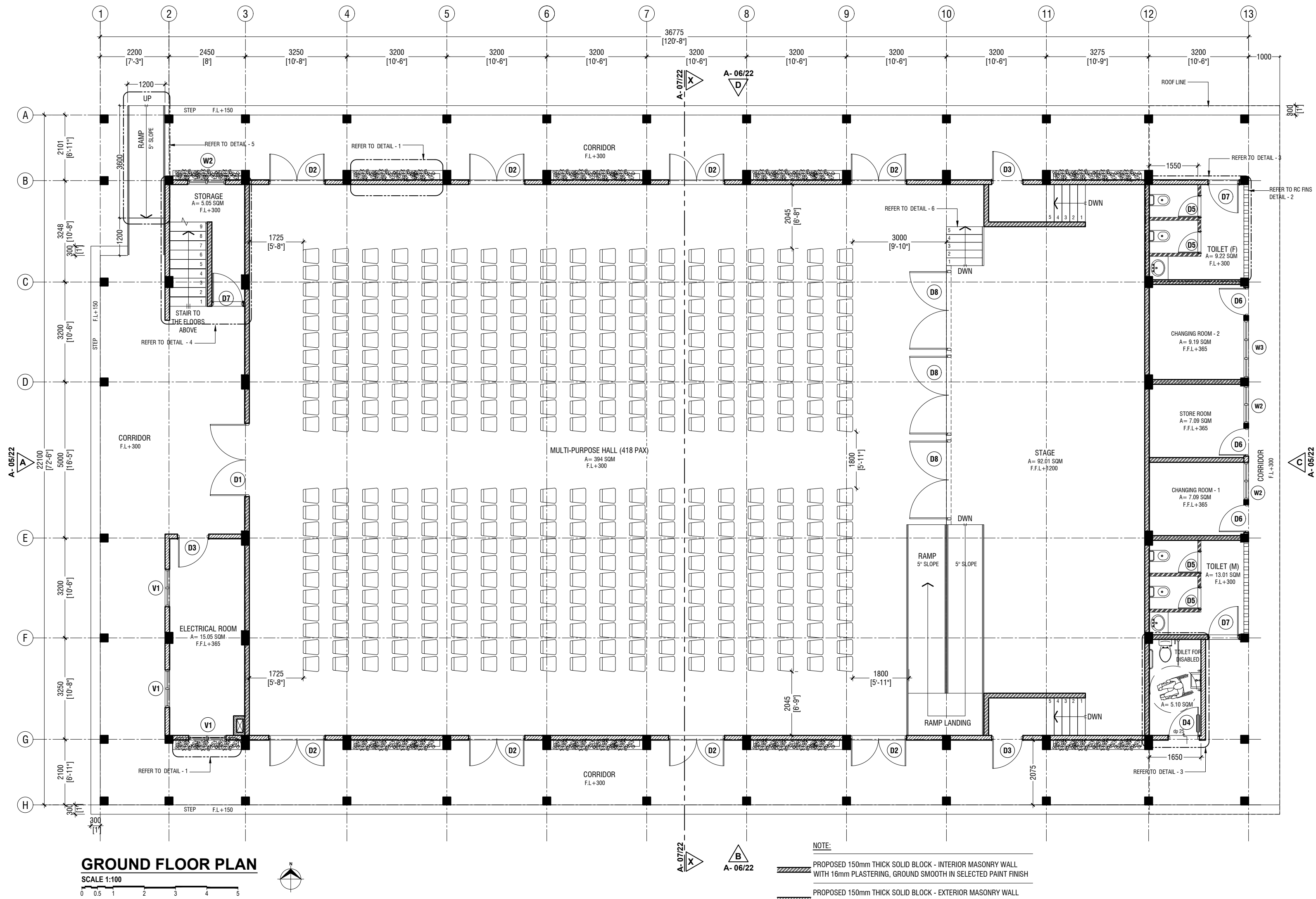
NOTE:

EXISTING 170mm THICK 2230mm HIGH SOLID BLOCK MASONRY WALL WITH 20mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH

PROPOSED 170mm THICK 2550mm HIGH SOLID BLOCK MASONRY WALL WITH 20mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH

Th.Omadhoo School Hall  
Client: Ministry of Education

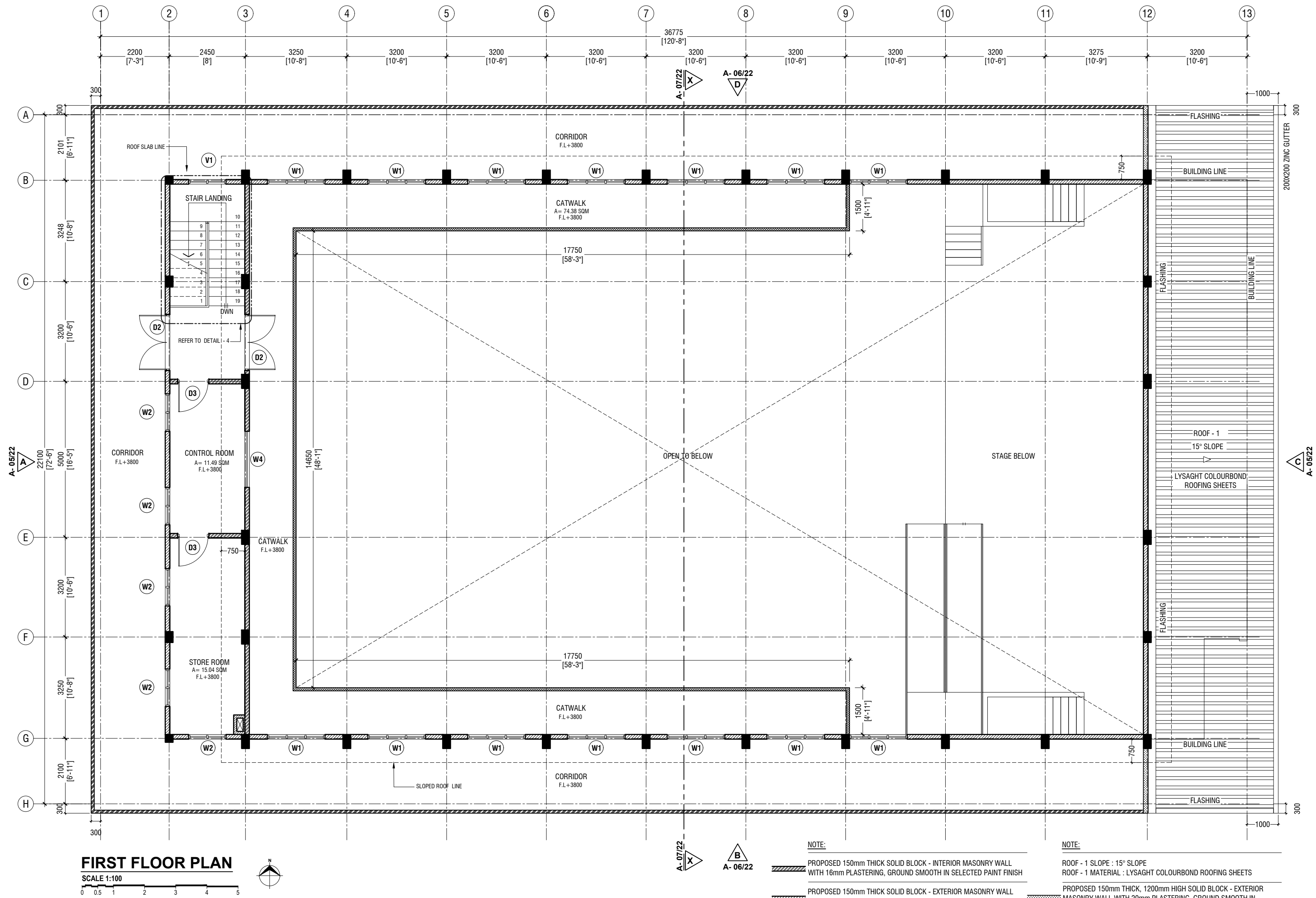
Rev no	Date
1	2021
2	2021
3	2021
4	2021
5	2021
6	2021
7	2021
8	2021
9	2021
10	2021
11	2021
12	2021
13	2021
14	2021
15	2021
16	2021
17	2021
18	2021
19	2021
20	2021
21	2021
22	2021
23	2021
24	2021
25	2021
26	2021
27	2021
28	2021
29	2021
30	2021
31	2021
32	2021
33	2021
34	2021
35	2021
36	2021
37	2021
38	2021
39	2021
40	2021
41	2021
42	2021
43	2021
44	2021
45	2021
46	2021
47	2021
48	2021
49	2021
50	2021
51	2021
52	2021
53	2021
54	2021
55	2021
56	2021
57	2021
58	2021
59	2021
60	2021
61	2021
62	2021
63	2021
64	2021
65	2021
66	2021
67	2021
68	2021
69	2021
70	2021
71	2021
72	2021
73	2021
74	2021
75	2021
76	2021
77	2021
78	2021
79	2021
80	2021
81	2021
82	2021
83	2021
84	2021
85	2021
86	2021
87	2021
88	2021
89	2021
90	2021
91	2021
92	2021
93	2021
94	2021
95	2021
96	2021
97	2021
98	2021
99	2021
100	2021
101	2021
102	2021
103	2021
104	2021
105	2021
106	2021
107	2021
108	2021
109	2021
110	2021
111	2021
112	2021
113	2021
114	2021
115	2021
116	2021
117	2021
118	2021
119	2021
120	2021
121	2021
122	2021
123	2021
124	2021
125	2021
126	2021
127	2021
128	2021
129	2021
130	2021
131	2021
132	2021
133	2021
134	2021
135	2021
136	2021
137	2021
138	2021
139	2021
140	2021
141	2021
142	2021
143	2021
144	2021
145	2021
146	2021
147	2021
148	2021
149	2021
150	2021
151	2021
152	2021
153	2021
154	2021
155	2021
156	2021
157	2021
158	2021
159	2021
160	2021
161	2021
162	2021
163	2021
164	2021
165	2021
166	2021
167	2021
168	2021
169	2021
170	2021
171	2021
172	2021
173	2021
174	2021
175	2021
176	2021
177	2021
178	2021
179	2021
180	2021
181	2021
182	2021
183	2021
184	2021
185	2021
186	2021
187	2021
188	2021
189	2021
190	2021
191	2021
192	2021
193	2021
194	2021
195	2021
196	2021
197	2021
198	2021
199	2021
200	2021
201	2021
202	2021
203	2021
204	2021
205	2021
206	2021
207	2021
208	2021
209	2021
210	2021
211	2021
212	2021
213	2021
214	2021
215	2021
216	2021
217	2021
218	2021
219	2021
220	2021
221	2021
222	2021
223	2021
224	2021
225	2021
226	2021
227	2021
228	2021
229	2021
230	2021
231	2021
232	2021
233	2021
234	2021
235	2021
236	2021
237	2021
238	2021
239	2021
240	2021
241	2021
242	2021
243	2021
244	2021
245	2021
246	2021
247	2021
248	2021
249	2021
250	2021
251	2021
252	2021
253	2021
254	2021
255	2021
256	2021
257	2021
258	2021
259	2021
260	2021
261	2021
262	2021
263	2021
264	2021
265	2021
266	2021
267	2021
268	2021
269	2021
270	2021
271	2021
272	2021
273	2021
274	2021
275	2021
276	2021
277	2021
278	2021
279	2021
280	2021
281	2021
282	2021
283	2021
284	2021
285	2021
286	2021
287	2021
288	2021
289	2021
290	2021
291	2021
292	2021
293	2021
294	2021
295	2021
296	2021
297	2021
298	2021
299	2021
300	2021
301	2021
302	2021
303	2021
304	2021
305	2021
306	2021
307	2021
308	2021
309	2021
310	2021
311	2021
312	2021
313	2021
314	2021
315	2021
316	2021
317	2021
318	2021
319	2021
320	2021
321	2021
322	2021
323	2021
324	2021
325	2021
326	2021
327	2021
328	2021
329	2021
330	2021
331	2021
332	2021
333	2021
334	2021
335	2021
336	2021
337	2021
338	2021
339	2021
340	2021
341	2021
342	2021
343	2021
344	2021
345	2021
346	2021
347	2021
348	2021
349	2021
350	2021
351	2021
352	2021
353	2021
354	2021
355	2021
356	2021
357	2021
358	2021
359	2021
360	2021
361	2021
362	2021
363	2021
364	2021
365	2021
366	2021
367	2021
368	2021
369	2021
370	2021
371	2021
372	2021
373	2021
374	2021
375	2021
376	2021
377	2021
378	2021
379	2021
380	2021
381	2021
382	2021
383	2021
384	2021
385	2021
386	2021
387	2021
388	2021
389	2021
390	2021
391	2021
392	2021
393	2021
394	2021
395	2021
396	2021
397	2021
398	2021
399	2021
400	2021
401	2021
402	2021
403	2021
404	2021
405	2021
406	2021
407	2021
408	2021
409	2021
410	2021
411	2021
412	2021
413	2021
414	2021
415	2021
416	2021
417	2021
418	2021
419	2021
420	2021
421	2021
422	2021
423	2021
424	2021
425	2021
426	2021
427	2021
428	2021
429	2021
430	2021
431	2021
432	2021
433	2021
434	2021
435	2021
436	2021
437	2021
438	2021
439	2021
440	2021
441	2021
442	2021
443	2021
444	2021
445	2021
446	2021
447	2021
448	2021
449	2021
450	2021
451	2021
452	2021
453	2021
454	2021
455	2021
456	2021
457	2021
458	2021
459	2021
460	2021
461	2021
462	2021
463	2021
464	2021
465	2021
466	2021
467	2021
468	2021
469	2021
470	2021
471	2021
472	2021
473	2021
474	2021
475	2021
476	2021
477	2021
478	2021
479	2021
480	2021
481	2021
482	2021
483	2021
484	2021
485	2021
486	2021
487	2021
488	2021
489	2021
490	2021
491	2021
492	2021
493	2021
494	2021
495	2021
496	2021
497	2021
498	2021
499	2021
500	2021
501	2021
502	2021
503	2021
504	2021
505	2021
506	2021
507	2021
508	2021
509	2021
510	2021
511	2021
512	2021
513	2021
514	2021
515	2021
516	2021
517	2021
518	2021
519	2021
520	2021
521	2021
522	2021
523	2021
524	2021
525	2021
526	2021
527	2021
528	2021
529	2021
530	2021
531	2021
532	2021
533	2021
534	2021
535	2021
536	2021
537	2021
538	2021
539	2021
540	2021
541	2021
542	2021
543	2021
544	2021
545	2021
546	2021
547	2021
548	2021
549	2021
550	2021
551	2021
552	2021
553	2021
554	2021
555	2021
556	2021
557	2021
558	2021
559	2021
560	2021
561	2021
562	2021
563	2021
564	202



Th.Omadhoo School Hall  
Client: Ministry of Education

Rev no	Date
1	2022/06/20
2	2022/06/20
3	2022/06/20
4	2022/06/20
5	2022/06/20
6	2022/06/20
7	2022/06/20
8	2022/06/20
9	2022/06/20
10	2022/06/20
11	2022/06/20
12	2022/06/20
13	2022/06/20
14	2022/06/20
15	2022/06/20
16	2022/06/20
17	2022/06/20
18	2022/06/20
19	2022/06/20
20	2022/06/20
21	2022/06/20
22	2022/06/20
23	2022/06/20
24	2022/06/20
25	2022/06/20
26	2022/06/20
27	2022/06/20
28	2022/06/20
29	2022/06/20
30	2022/06/20
31	2022/06/20
32	2022/06/20
33	2022/06/20
34	2022/06/20
35	2022/06/20
36	2022/06/20
37	2022/06/20
38	2022/06/20
39	2022/06/20
40	2022/06/20
41	2022/06/20
42	2022/06/20
43	2022/06/20
44	2022/06/20
45	2022/06/20
46	2022/06/20
47	2022/06/20
48	2022/06/20
49	2022/06/20
50	2022/06/20
51	2022/06/20
52	2022/06/20
53	2022/06/20
54	2022/06/20
55	2022/06/20
56	2022/06/20
57	2022/06/20
58	2022/06/20
59	2022/06/20
60	2022/06/20
61	2022/06/20
62	2022/06/20
63	2022/06/20
64	2022/06/20
65	2022/06/20
66	2022/06/20
67	2022/06/20
68	2022/06/20
69	2022/06/20
70	2022/06/20
71	2022/06/20
72	2022/06/20
73	2022/06/20
74	2022/06/20
75	2022/06/20
76	2022/06/20
77	2022/06/20
78	2022/06/20
79	2022/06/20
80	2022/06/20
81	2022/06/20
82	2022/06/20
83	2022/06/20
84	2022/06/20
85	2022/06/20
86	2022/06/20
87	2022/06/20
88	2022/06/20
89	2022/06/20
90	2022/06/20
91	2022/06/20
92	2022/06/20
93	2022/06/20
94	2022/06/20
95	2022/06/20
96	2022/06/20
97	2022/06/20
98	2022/06/20
99	2022/06/20
100	2022/06/20





Th.Omadhoo School Hall  
Client: Ministry of Education

Rev no	Date
1	01/01/2021
2	01/01/2021
3	01/01/2021
4	01/01/2021
5	01/01/2021
6	01/01/2021
7	01/01/2021
8	01/01/2021
9	01/01/2021
10	01/01/2021
11	01/01/2021
12	01/01/2021
13	01/01/2021
14	01/01/2021
15	01/01/2021
16	01/01/2021
17	01/01/2021
18	01/01/2021
19	01/01/2021
20	01/01/2021
21	01/01/2021
22	01/01/2021
23	01/01/2021
24	01/01/2021
25	01/01/2021
26	01/01/2021
27	01/01/2021
28	01/01/2021
29	01/01/2021
30	01/01/2021
31	01/01/2021
32	01/01/2021
33	01/01/2021
34	01/01/2021
35	01/01/2021
36	01/01/2021
37	01/01/2021
38	01/01/2021
39	01/01/2021
40	01/01/2021
41	01/01/2021
42	01/01/2021
43	01/01/2021
44	01/01/2021
45	01/01/2021
46	01/01/2021
47	01/01/2021
48	01/01/2021
49	01/01/2021
50	01/01/2021
51	01/01/2021
52	01/01/2021
53	01/01/2021
54	01/01/2021
55	01/01/2021
56	01/01/2021
57	01/01/2021
58	01/01/2021
59	01/01/2021
60	01/01/2021
61	01/01/2021
62	01/01/2021
63	01/01/2021
64	01/01/2021
65	01/01/2021
66	01/01/2021
67	01/01/2021
68	01/01/2021
69	01/01/2021
70	01/01/2021
71	01/01/2021
72	01/01/2021
73	01/01/2021
74	01/01/2021
75	01/01/2021
76	01/01/2021
77	01/01/2021
78	01/01/2021
79	01/01/2021
80	01/01/2021
81	01/01/2021
82	01/01/2021
83	01/01/2021
84	01/01/2021
85	01/01/2021
86	01/01/2021
87	01/01/2021
88	01/01/2021
89	01/01/2021
90	01/01/2021
91	01/01/2021
92	01/01/2021
93	01/01/2021
94	01/01/2021
95	01/01/2021
96	01/01/2021
97	01/01/2021
98	01/01/2021
99	01/01/2021
100	01/01/2021

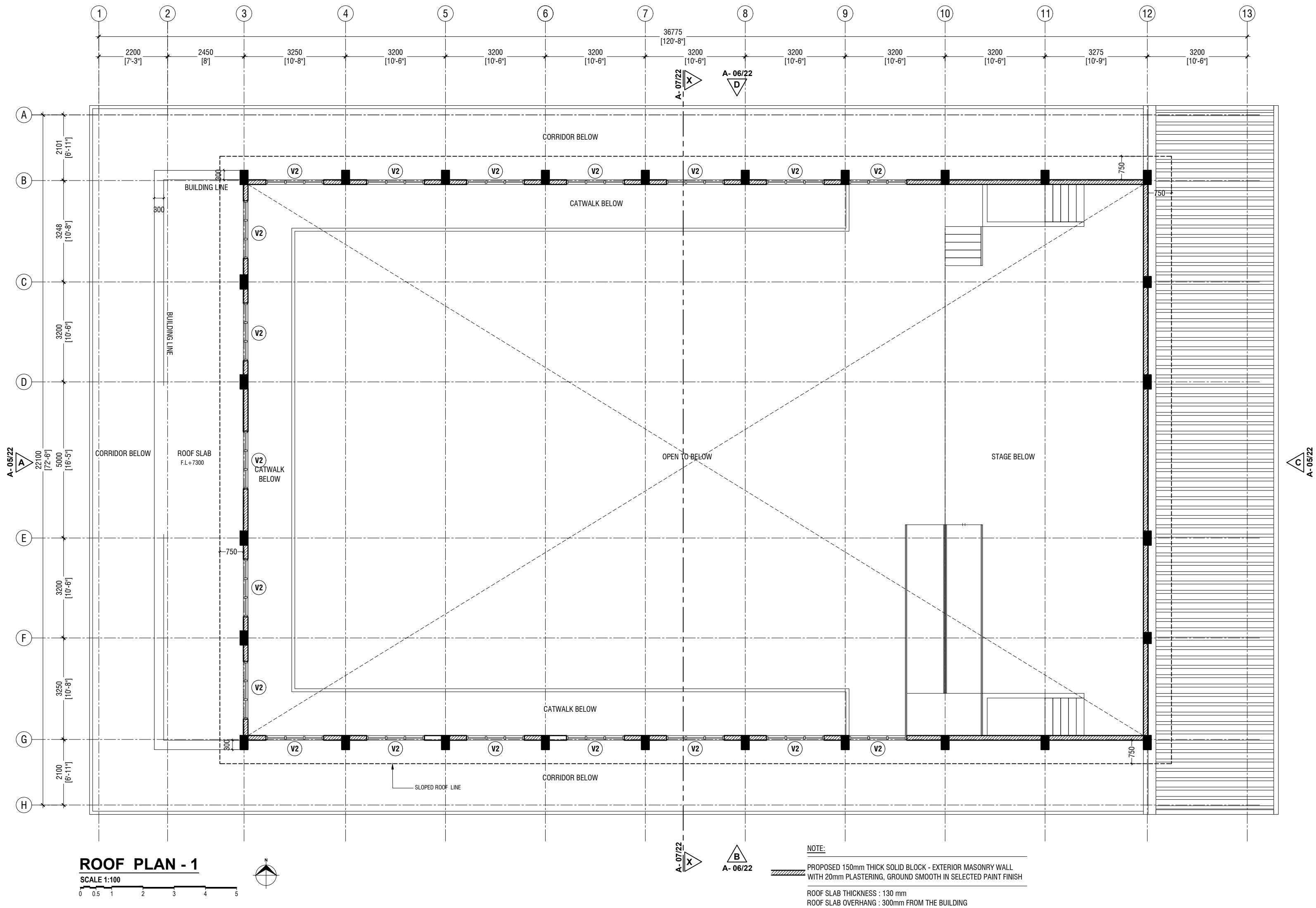


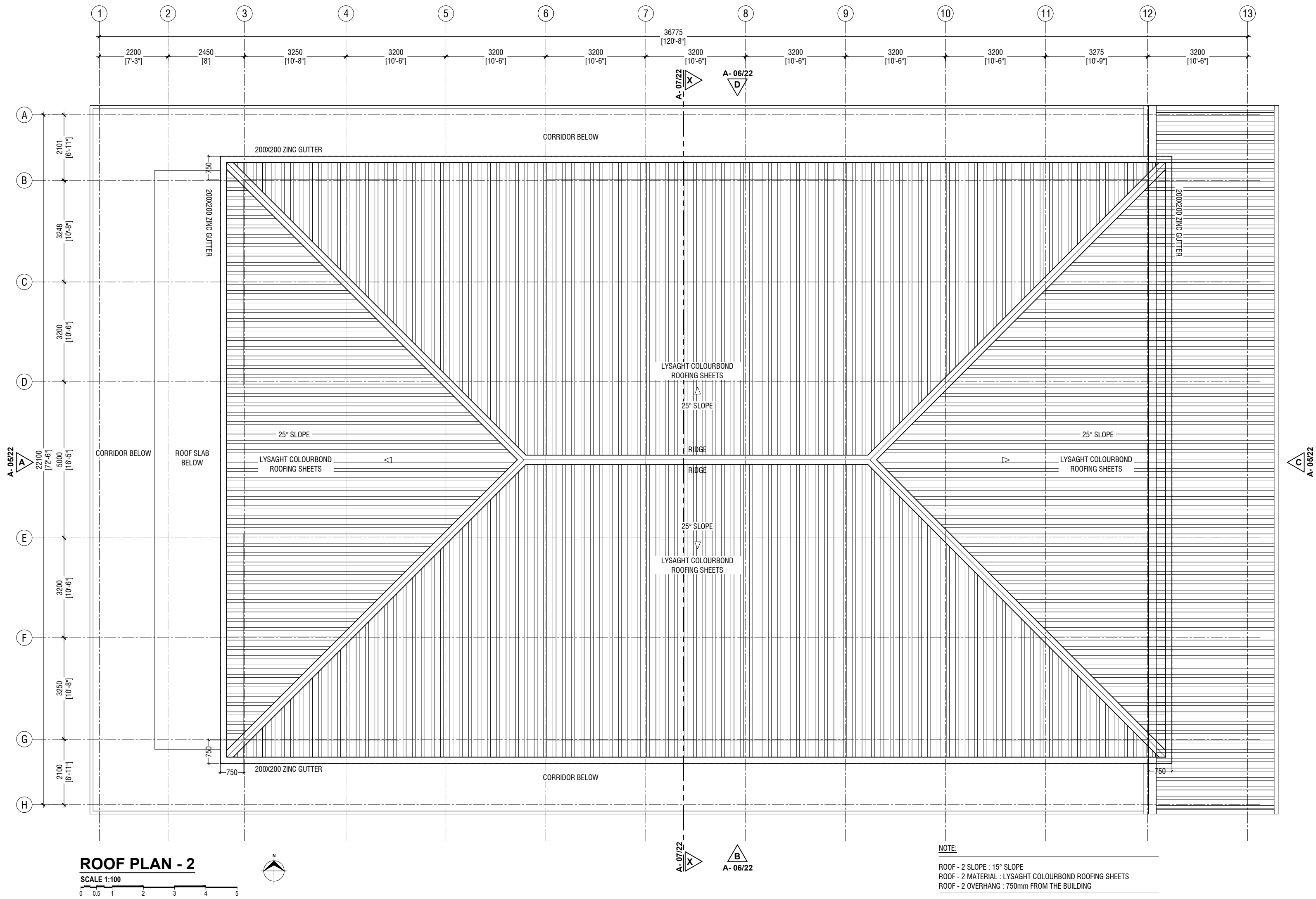
RYAN PRIVATE LIMITED  
 1st Floor, H. Azam, Ammanmoo, Malé  
 T: +9603370049 F: +9603370776  
 E: info@ryan.com.mv  
 W: www.ryan.com.mv

Title: First Floor Plan

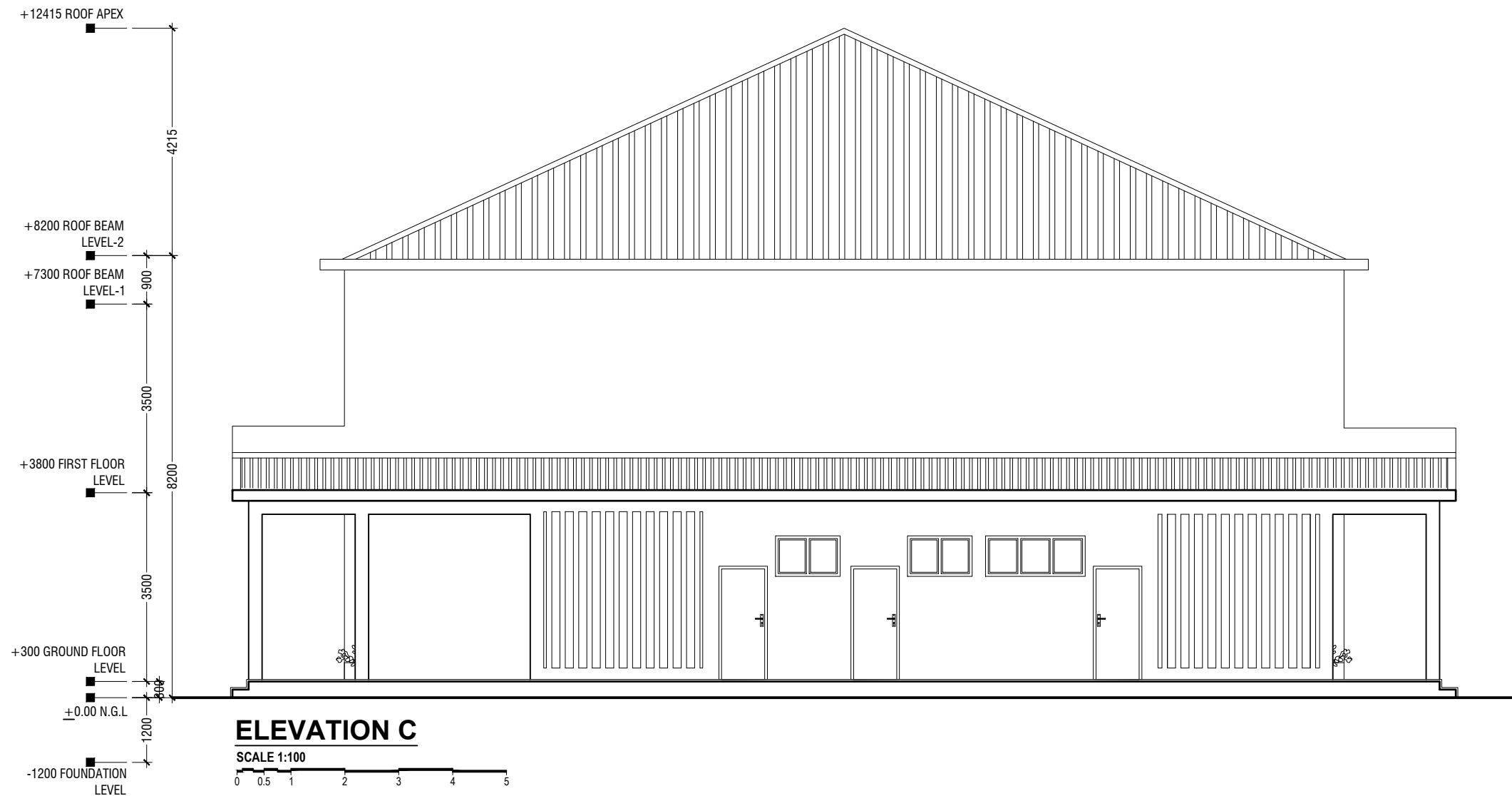
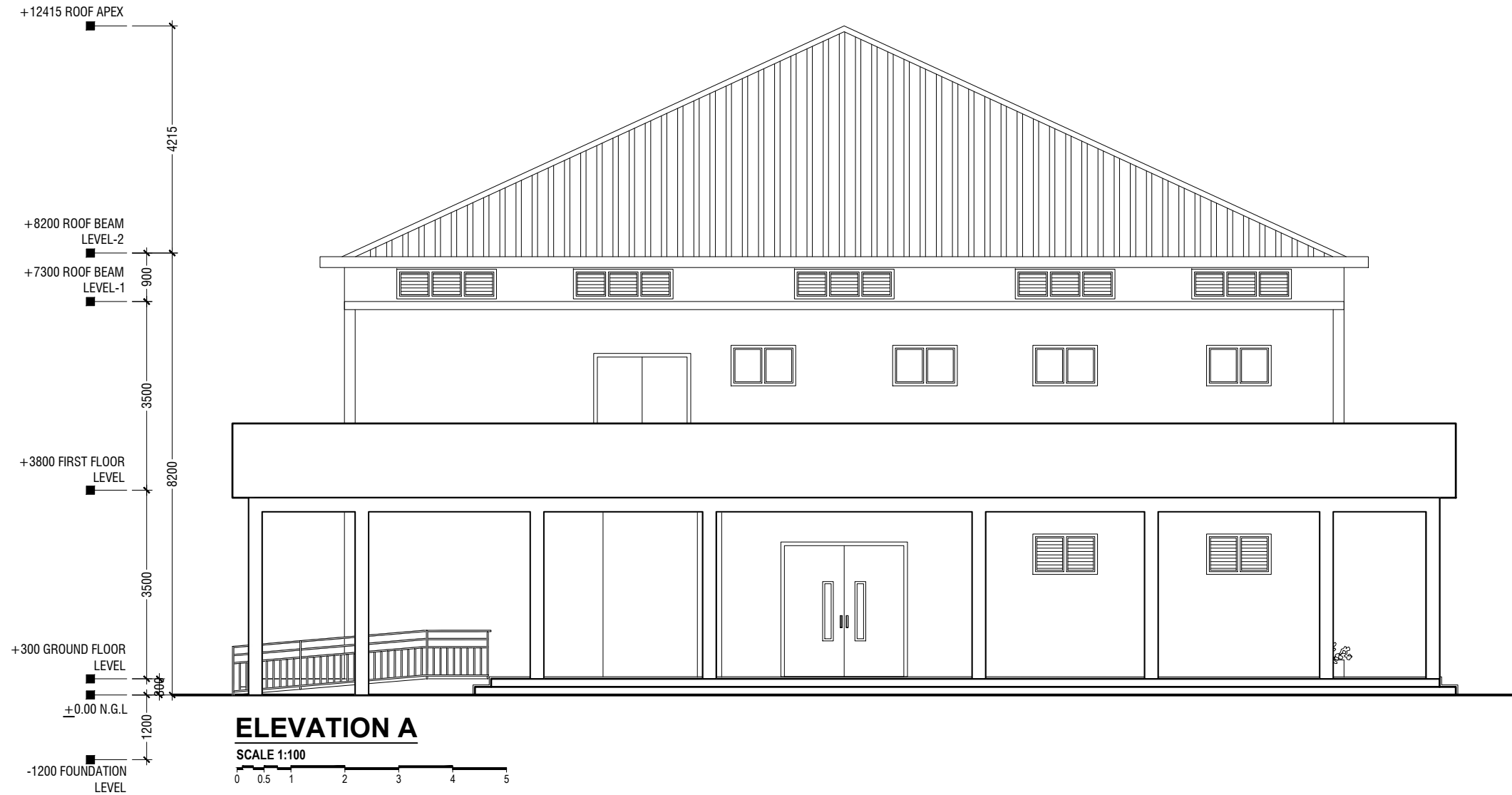
Page: A-02/24

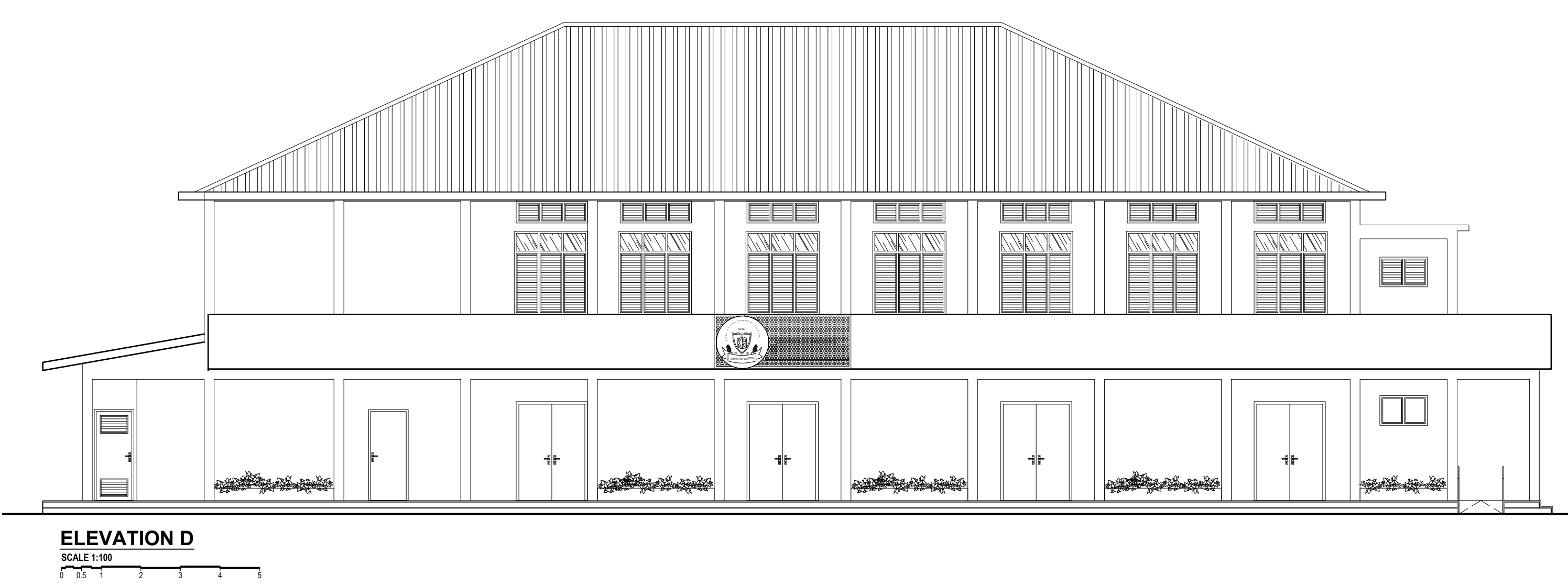
The contents of these drawings remain as a property of RYAN PRIVATE LIMITED. Any use other than those expressly stated is a violation of this copyright.

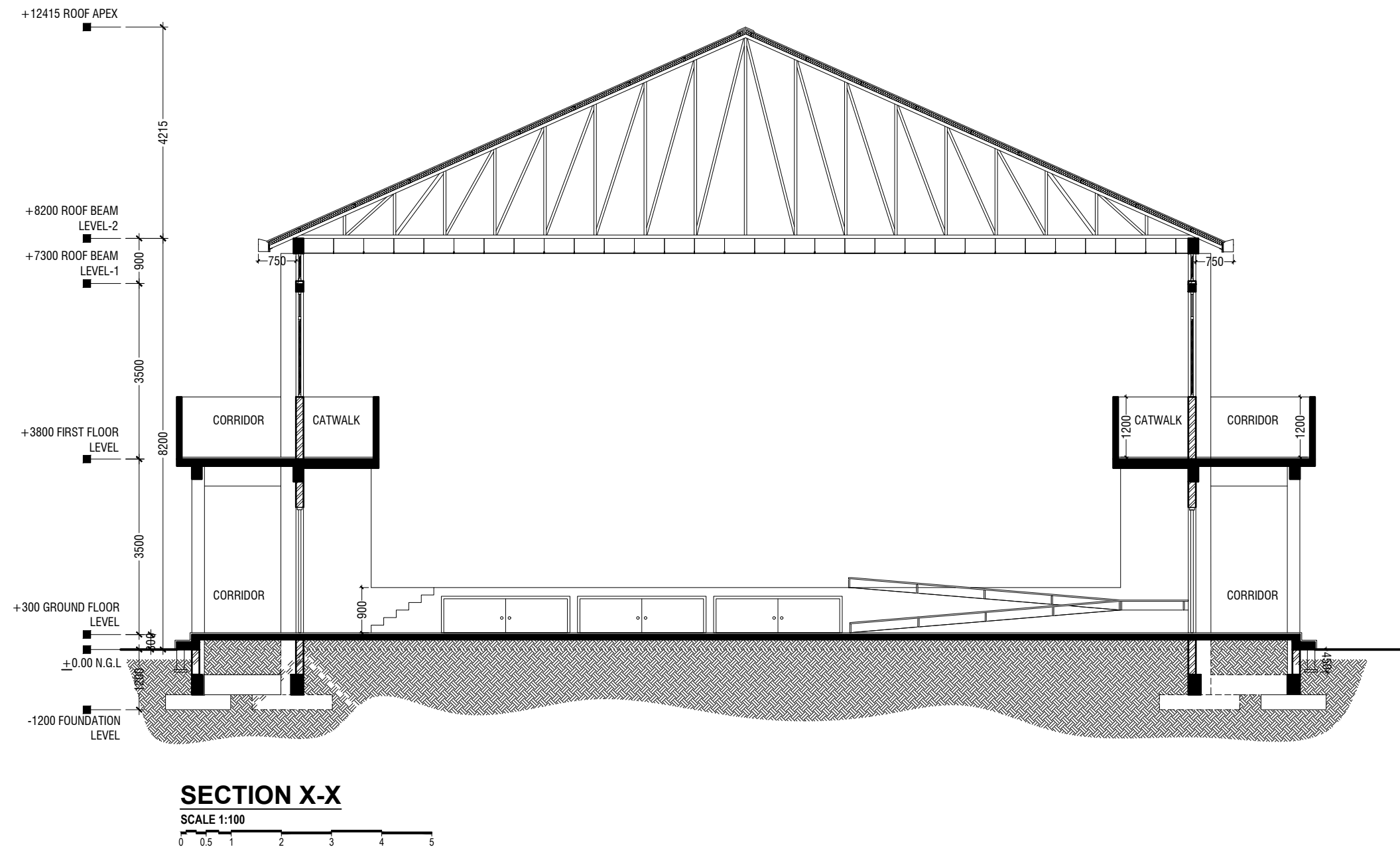


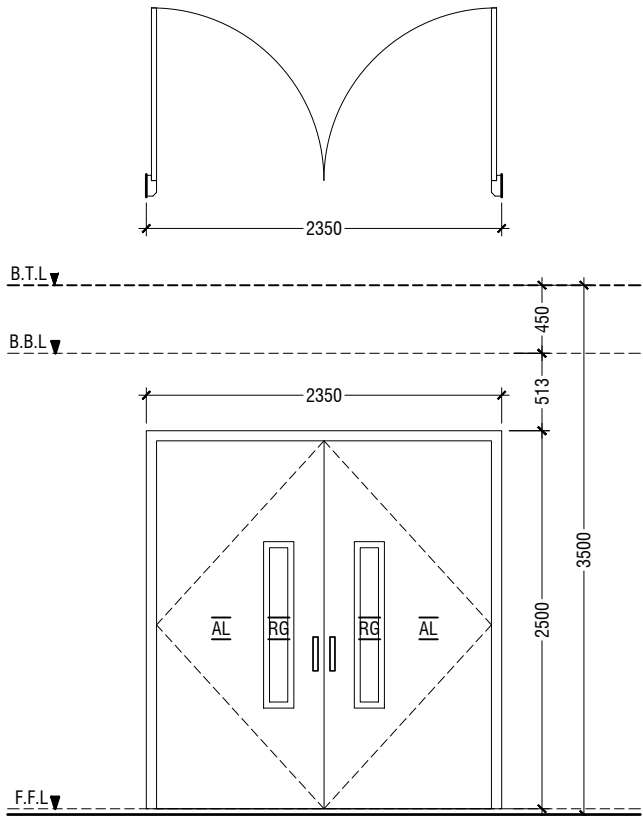




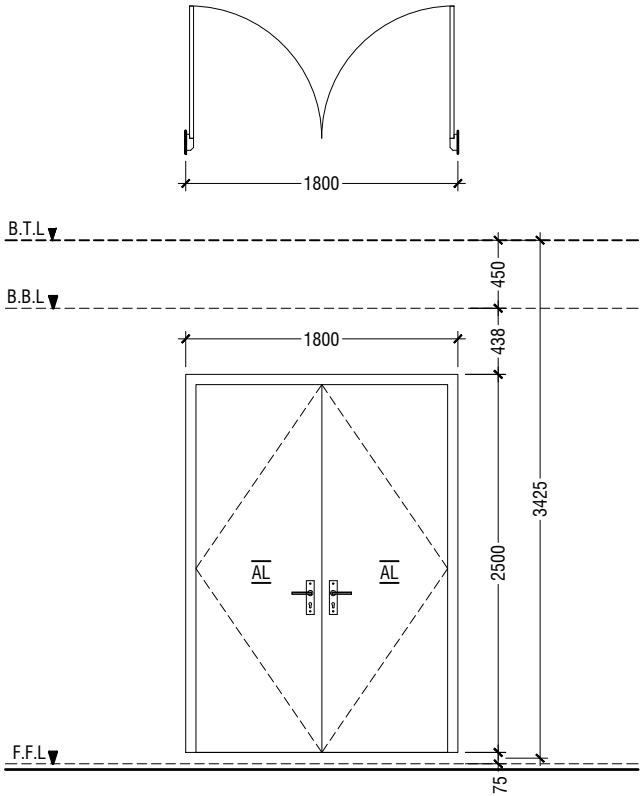




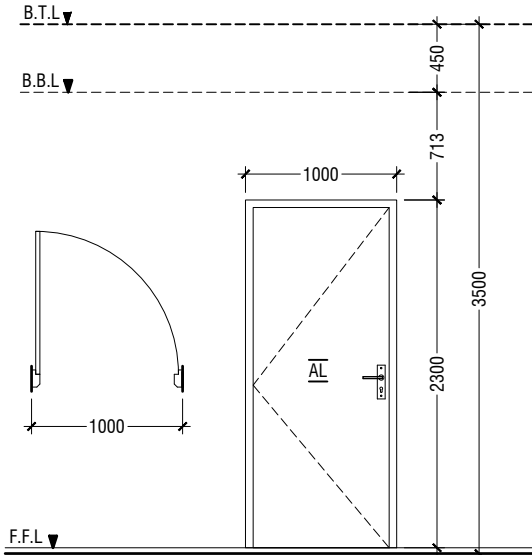




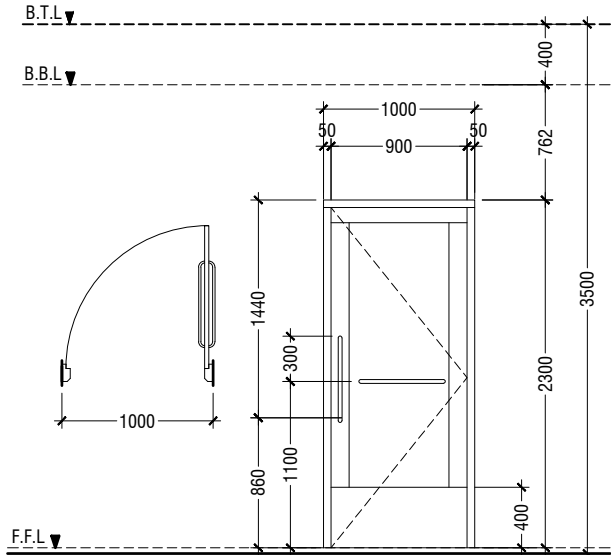
D1	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL GLASS ON PANEL : 6mm THK REFLECTIVE GLASS
LOCATION	HALL MAIN ENTRANCE
QUANTITY	01 NOS
OPEN AREA	5.39 sqm



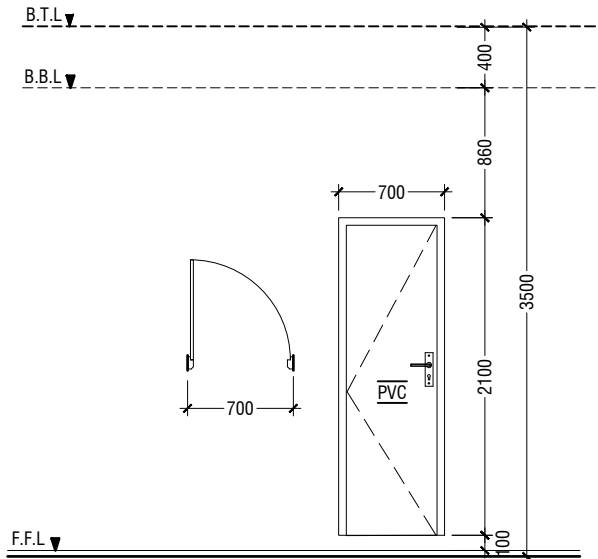
D2	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	HALL ENTRANCE
QUANTITY	10 NOS
OPEN AREA	4.05 sqm



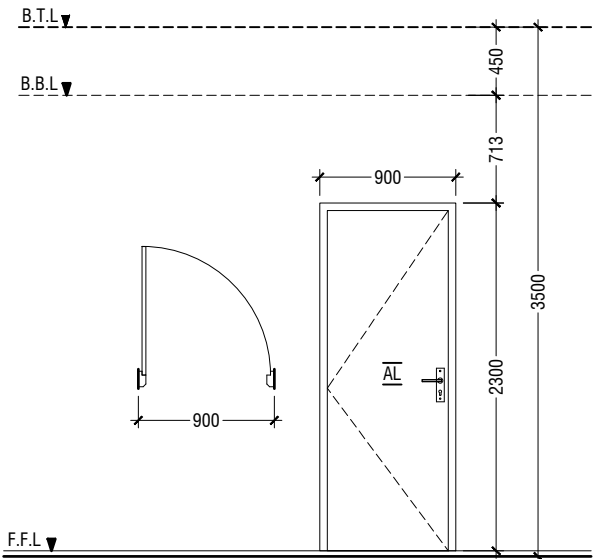
D3	SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	ELECTRIC ROOM, CONTROL ROOM & STORE ROOM
QUANTITY	05 NOS
OPEN AREA	2.03 sqm



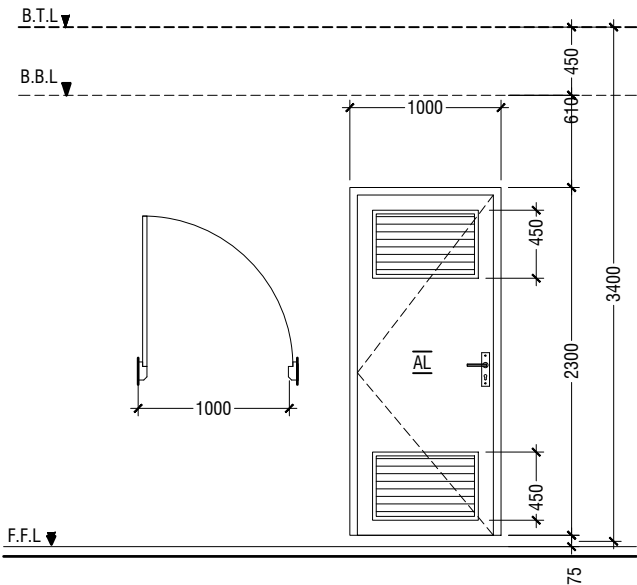
D4	SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND ALUMINIUM LOUVERS
LOCATION	DISABLED TOILET
QUANTITY	01 NOS
OPEN AREA	2.03 sqm



D5	PVC SWING DOOR
REMARKS	PVC WHITE FRAME AND PANEL
LOCATION	TOILETS
QUANTITY	04 NOS
OPEN AREA	1.23 SQM



D6	SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	CHANGING ROOM & STORE ROOM
QUANTITY	03 NOS
OPEN AREA	2.03 sqm

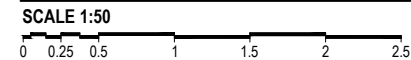


D7	SWING DOOR WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND ALUMINIUM LOUVERS
LOCATION	TOILETS & UNDER STAIR STORE
QUANTITY	03 NOS
OPEN AREA	2.03 sqm

LEGEND:  
FCG - FIXED CLEAR GLASS  
FRG - FIXED REFLECTED GLASS  
RG - REFLECTED GLASS  
AL - ALUMINIUM  
PVC - POLYVINYL CHLORIDE

NOTE:-  
- FLOOR TO FLOOR HEIGHT VARIES AND WILL BE SUBJECTED TO CHANGES, LIKEWISE, THE BEAM DEPTH CHANGES AT DIFFERENT LOCATIONS OF SIMILAR DOORS/WINDOWS AND WILL BE SUBJECTED TO CHANGES  
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.  
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.  
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.  
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)  
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.

## DOOR / WINDOW SCHEDULE - 1



Th.Omadhoo School Hall  
Client: Ministry of Education

Rev no	Date
--	----
--	----
--	----
--	----

Project Number: RI/2020/006  
Date: March 2021  
Architect : Mariyam Irasha Shareef  
Engineer : Mohamed Muthalib Waleed  
Drawn by : Mariyam Leevan Jaleel  
Services : Aishath Ahmed  
Interior : -



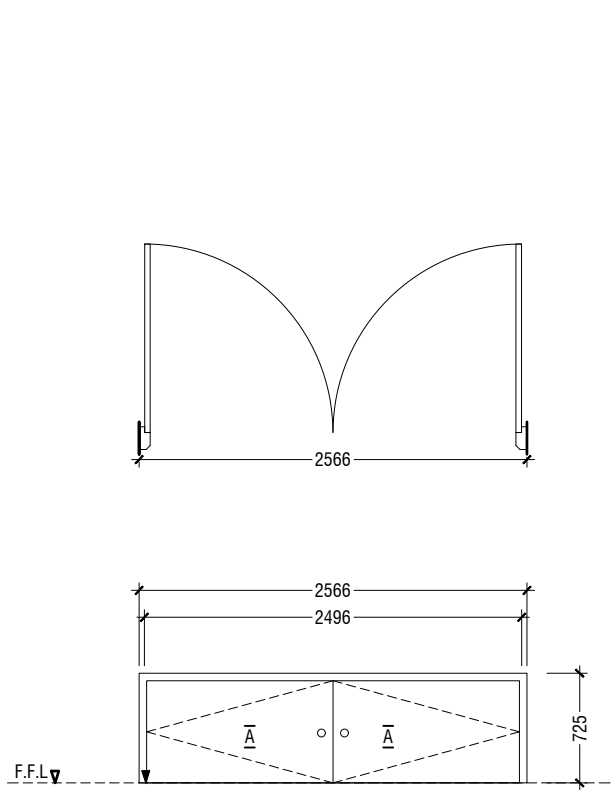
RIYAN PRIVATE LIMITED

t : +9603315049 f : +9603310776  
e : info@riyan.com.mv  
w : www.riyan.com.mv  
3rd floor, H. Azum, Ameenemagau, Male'

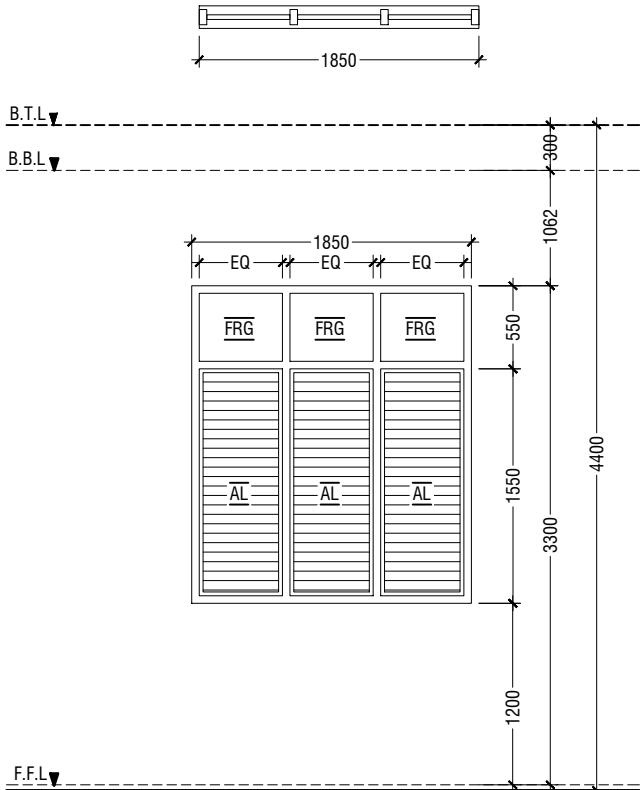
Title: Door / Window  
Schedule - 1

Page: A-08/24

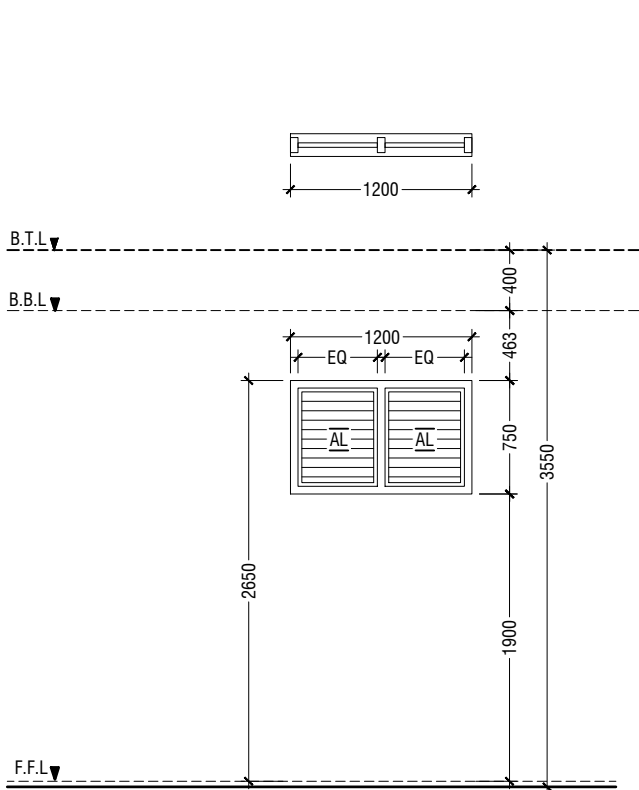
The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright



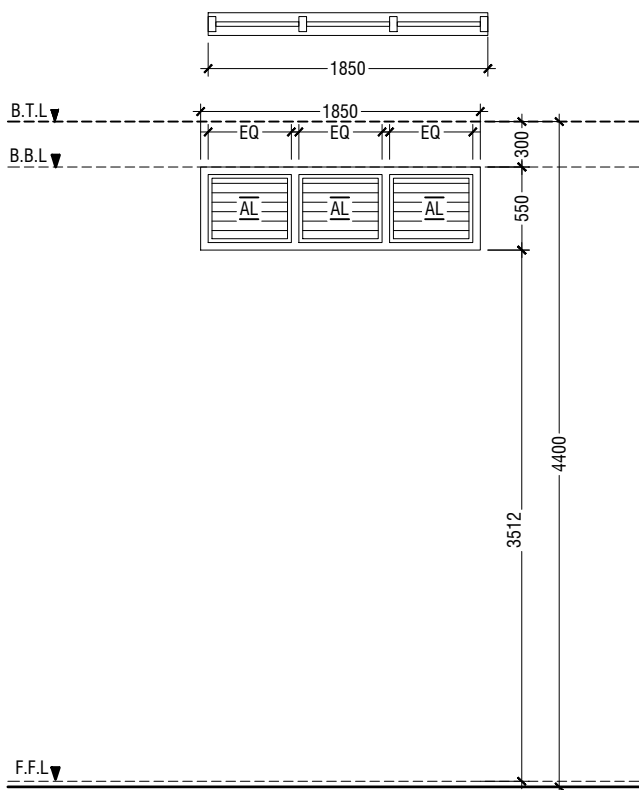
D8	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	STAGE STORE ACCESS
QUANTITY	03 NOS
OPEN AREA	1.66 SQM



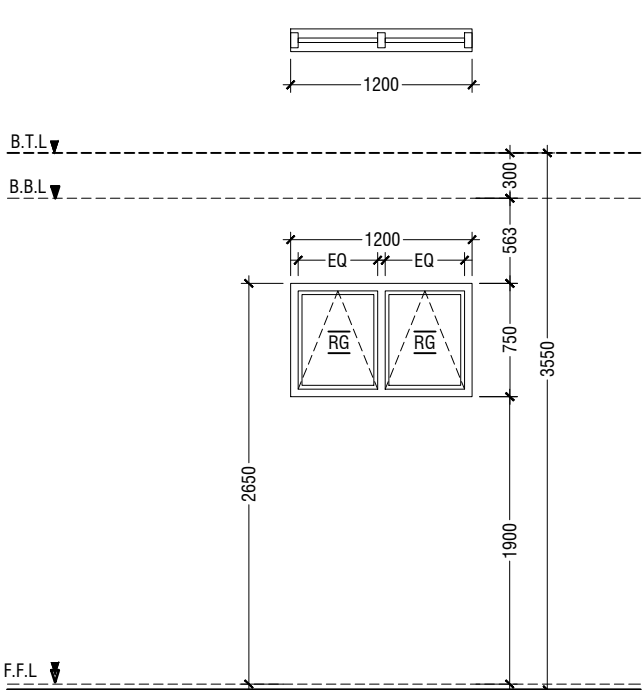
W1	WINDOW WITH FIXED GLASS & ALUMINUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS AND 6mm THICK REFLECTED FIXED GLASS PANELS
LOCATION	HALL
QUANTITY	14 NOS
OPEN AREA	2.40 sqm



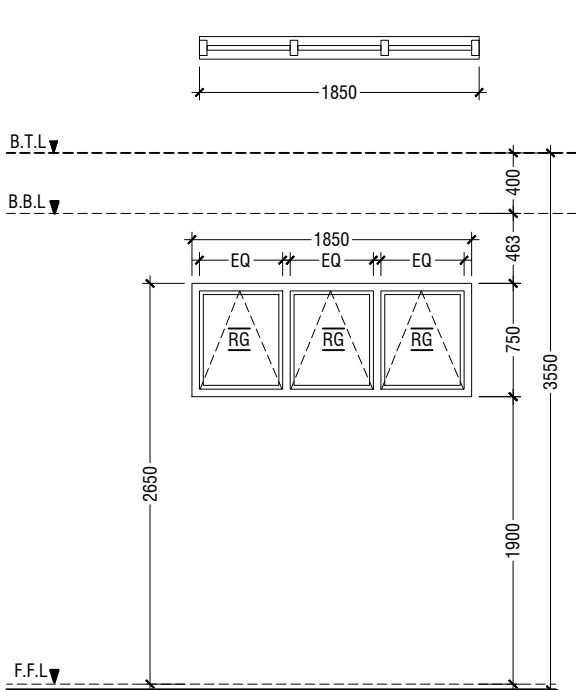
V1	WINDOW WITH ALUMINUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS
LOCATION	ELECTRICAL ROOM & STAIR CASE
QUANTITY	04 NOS
OPEN AREA	0.68 sqm



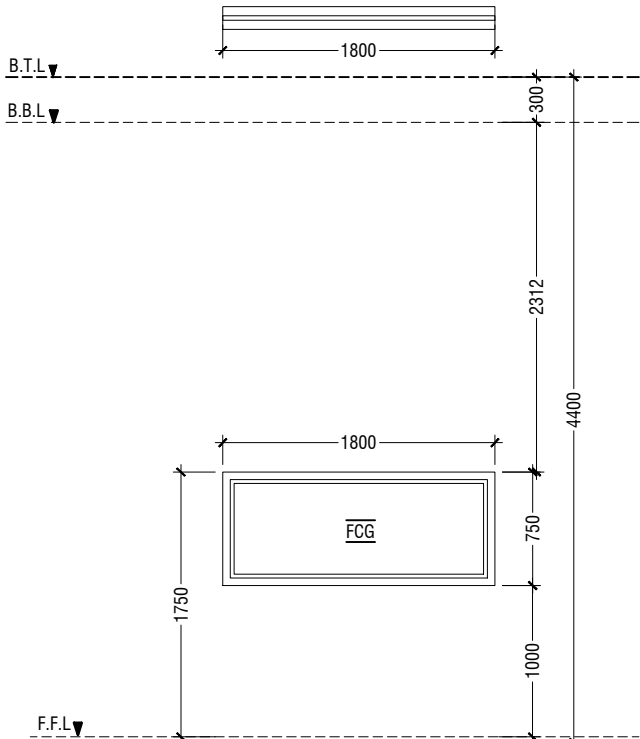
V2	WINDOW WITH ALUMINUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS
LOCATION	ABOVE HALL CEILING
QUANTITY	19 NOS
OPEN AREA	0.72 sqm



W2	TOP HUNG WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	STORE ROOMS , CONTROL ROOM & CHANGING ROOM
QUANTITY	08 NOS
OPEN AREA	0.68 sqm



W3	TOP HUNG WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	CHANGING ROOM
QUANTITY	01 NOS
OPEN AREA	1.04 sqm

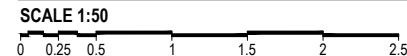


W4	FIXED WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK CLEAR GLASS PANEL
LOCATION	CONTROL ROOM
QUANTITY	01 NOS
OPEN AREA	- sqm

**LEGEND:**  
FCG - FIXED CLEAR GLASS  
FRG - FIXED REFLECTED GLASS  
RG - REFLECTED GLASS  
AL - ALUMINIUM  
PVC - POLYVINYL CHLORIDE

**NOTE:-**  
- FLOOR TO FLOOR HEIGHT VARIES AND WILL BE SUBJECTED TO CHANGES, LIKEWISE, THE BEAM DEPTH CHANGES AT DIFFERENT LOCATIONS OF SIMILAR DOORS/WINDOWS AND WILL BE SUBJECTED TO CHANGES  
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.  
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.  
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.  
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)  
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.

## DOOR / WINDOW SCHEDULE - 2



Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number: RI/2020/006  
Date: March 2021  
Architect : Mariyam Irasha Shareef  
Engineer : Mohamed Muththalib Waleed  
Drawn by : Mariyam Leevan Jaleel  
Services : Aishath Ahmed  
Interior : -



RIYAN PRIVATE LIMITED

t : +9603315049 f : +9603310776  
e : info@riyan.com.mv  
w : www.riyan.com.mv  
3rd floor, H. Azum, Ameenemagau, Male'

Title: Door / Window

Schedule - 2

Page: A-09/24

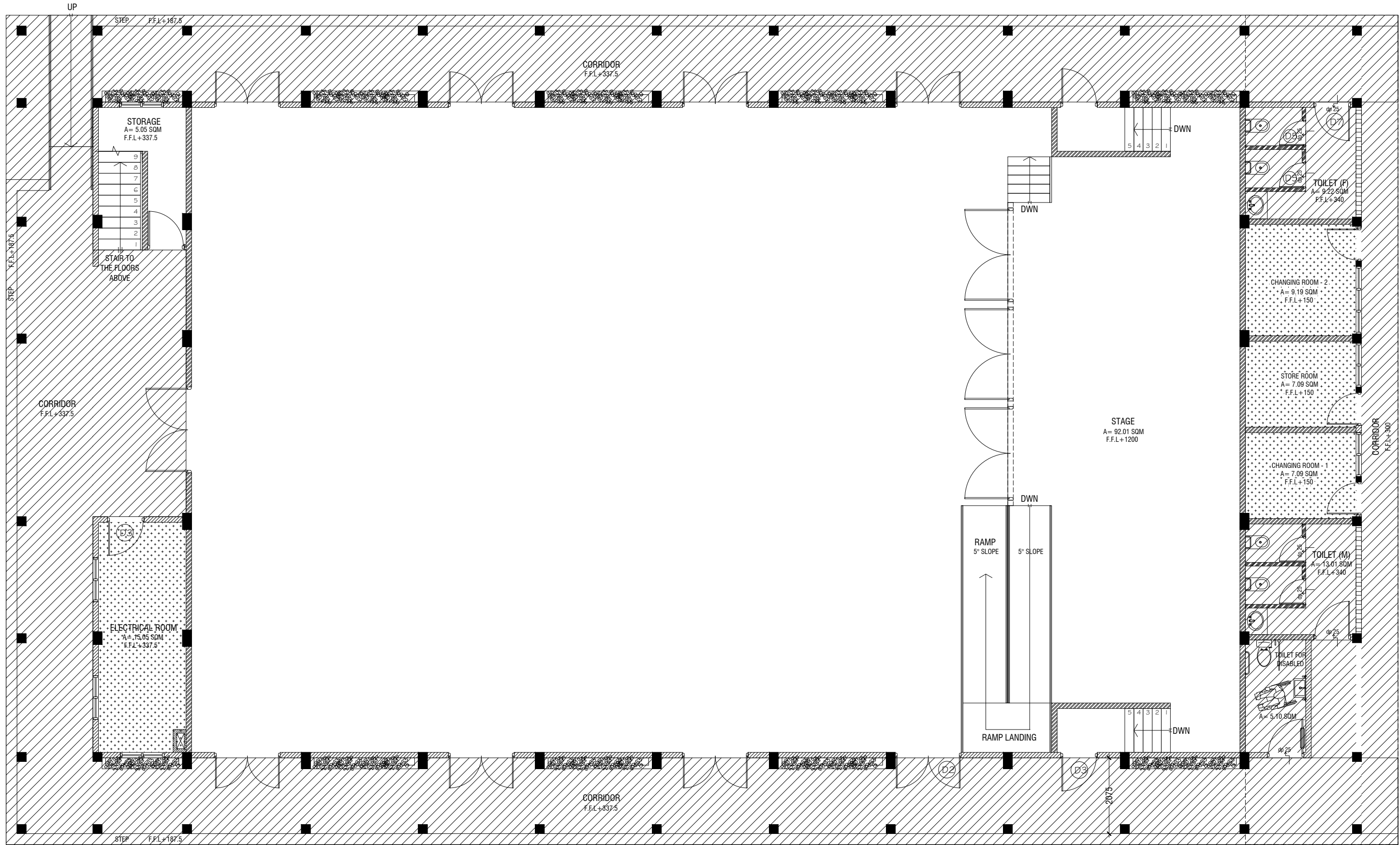
The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright



SCHEDULE OF VENTILATION TH.OMADHOO SCHOOL

	Room name	Room Areas (sqm) ( Specify centre to centre or clear)	Window (opening) number	Required opening areas (sqm)	Designed opening areas (sqm)	Open %
	Ground Floor					
1	Multi-purpose Hall	394.00	D1, 8*D2 & 14*W1	39.40	71.39	18.12%
2	Electrical	15.05	3*V1	1.51	2.04	13.55%
3	Changing Room -1	7.09	W3	0.71	1.04	14.67%
4	Changing Room -2	9.19	W3	0.92	1.04	11.32%
5	Store Room	7.09	D2 & W2	0.71	4.73	66.71%
6	Toilet for Disable	5.10	D4	0.51	2.03	39.80%
7	Toilet (Male)	13.01	RC FINS			
8	Toilet (Female)	9.22	RC FINS			
	First Floor					
9	Control Room	11.49	2*W2	1.15	1.36	11.84%
10	Store Room	15.04	3*W2	1.50	2.04	13.56%

VENTILATION SCHEDULE



**GROUND FLOOR  
FLOOR REFLECTED CEILING PLAN**

SCALE 1:100  
0 0.5 1 2 3 4 5

LEGEND	
CODE	DESCRIPTION
	EXPOSED SLAB SOFFIT TO BE GROUND SMOOTH IN SELECT PAINT FINISH (ONE COAT OF PUTTY FOLLOWED BY SEALER AND 2 COATS OF PAINT)
	6mm THICK CEMENT BOARD CEILING WITH PUTTY AND SELECTED PAINT FINISH

Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number: RI/230/006  
Date: March 2021  
Drawn by: Maryam Leevon Jaleel  
Engineer: Mohamed Muhiaddin Waleed  
Services: Ashraf Ahmed  
Interior: -

Rev no	Date
1	2021/03/01
2	2021/03/01
3	2021/03/01
4	2021/03/01

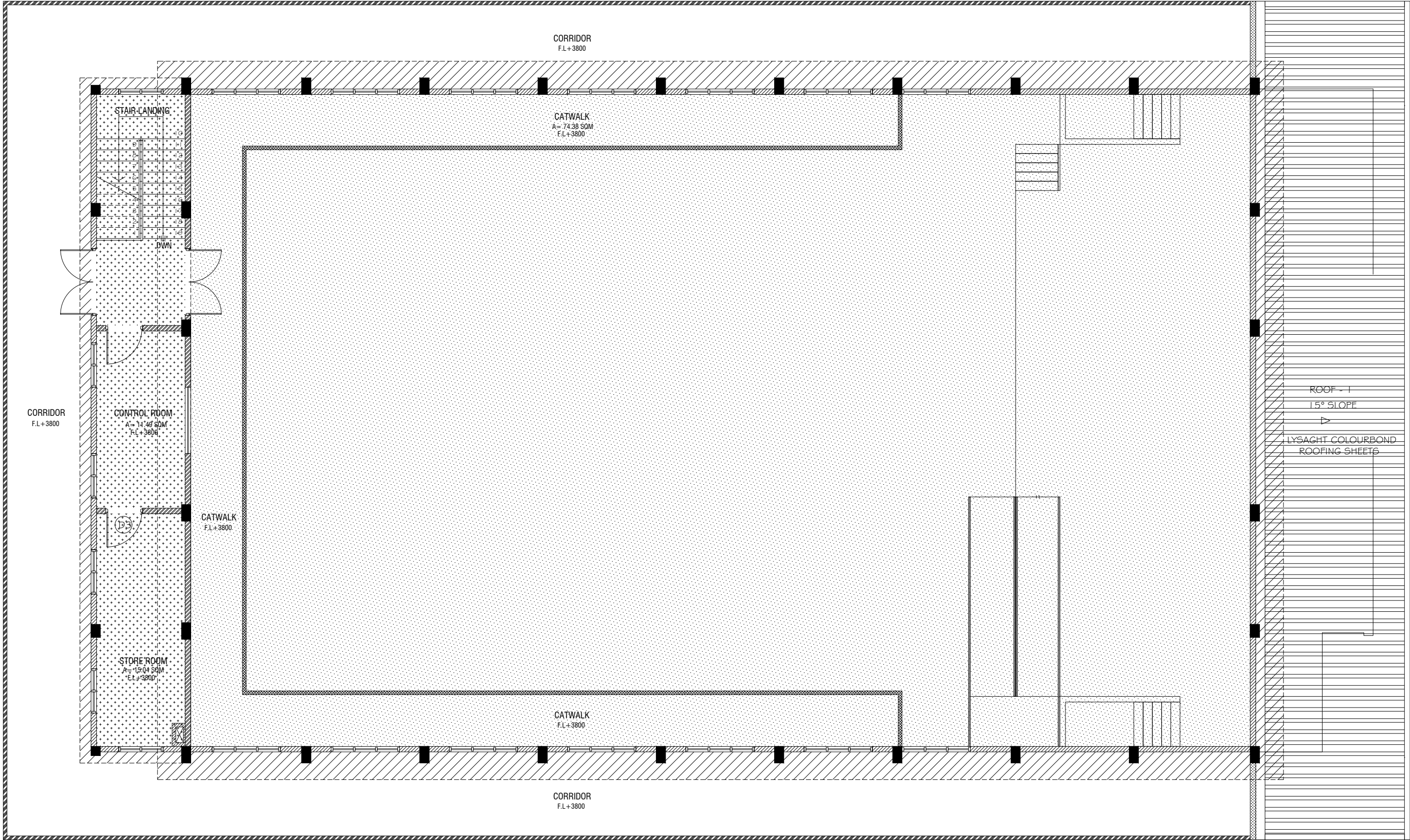


RYAN PRIVATE LIMITED  
t: +9603375049 f: +9603370776  
e: info@ryan.com.mv  
w: www.ryan.com.mv  
3rd Floor, H. Azam, Ameenemadugu, Malé

Title: Ground Floor Reflected Ceiling Plan

Page: A-11/24

The contents of these drawings remain as a property of RYAN Private Limited. Any use other than those expressly stated is a violation of this copyright.



FIRST FLOOR  
FLOOR REFLECTED CEILING PLAN

SCALE 1:100  
0 0.5 1 2 3 4 5

LEGEND	
CODE	DESCRIPTION
	EXPOSED SLAB SOFFIT TO BE GROUND SMOOTH IN SELECT PAINT FINISH (ONE COAT OF PUTTY FOLLOWED BY SEALER AND 2 COATS OF PAINT)
	SUSPENDED ACOUSTIC CEILING SYSTEM WITH ALUMINUM FRAMING CEILING HEIGHT : +7300mm
	6mm THICK CEMENT BOARD CEILING WITH PUTTY AND SELECTED PAINT FINISH

Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number: RI/2020/006  
Date: March 2021  
Engineer: Mohamed Muthiballa Waleed  
Drawn by: Maryam Leveon Jaleel  
Services: Ashraf Ahmed

Rev no	Date
1	2021/03/01
2	2021/03/01
3	2021/03/01
4	2021/03/01



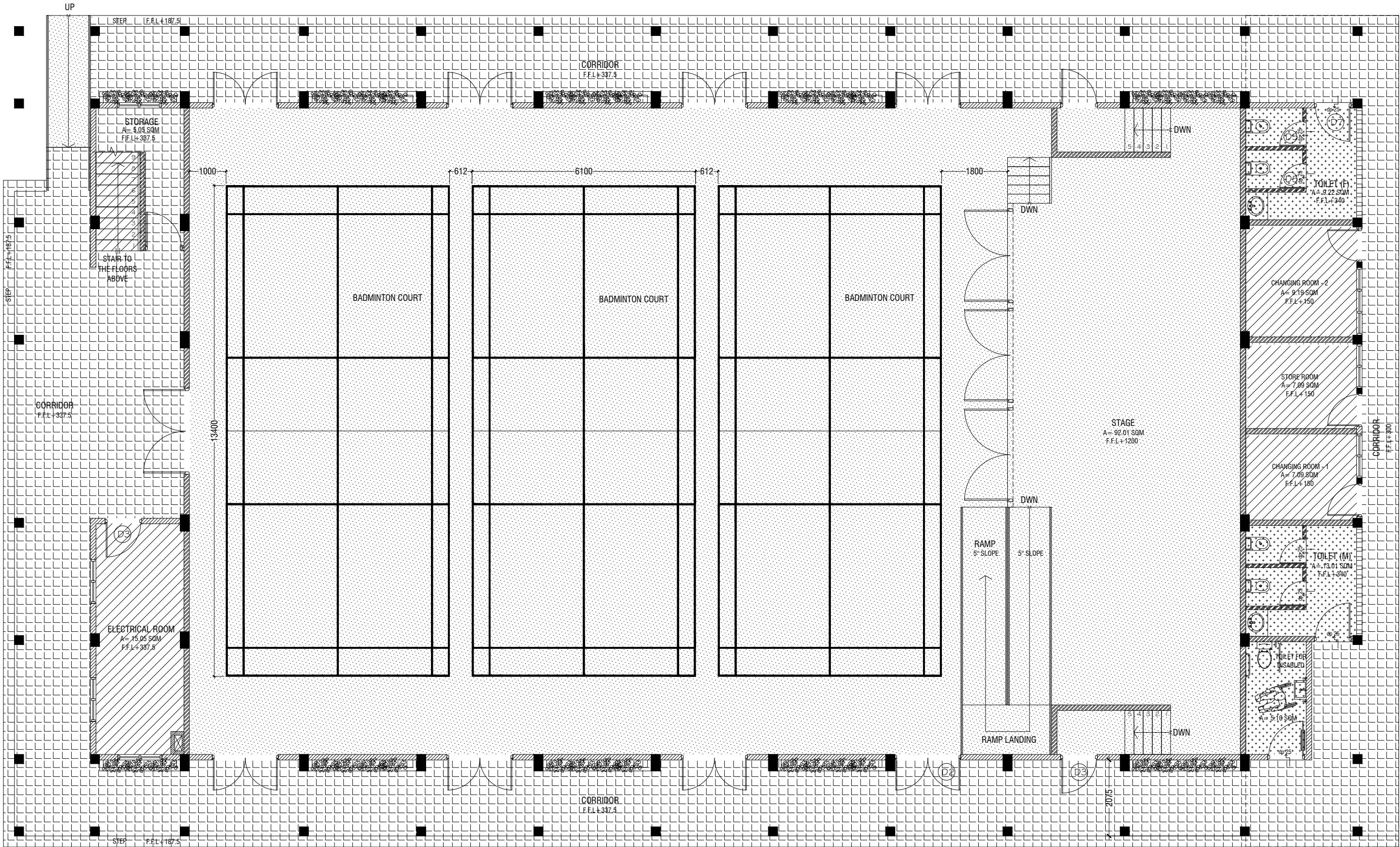
RYAN PRIVATE LIMITED  
t: +9603375040 f: +9603310776  
e: info@ryan.com.mv  
w: www.ryan.com.mv  
3rd Floor, H. Azam, Ameenemagui, Malé

Title: First Floor Reflected Ceiling Plan

Page: A-12/24

The contents of these drawings remain as a property of RYAN Private Limited. Any use other than those expressly stated is a violation of this copyright.





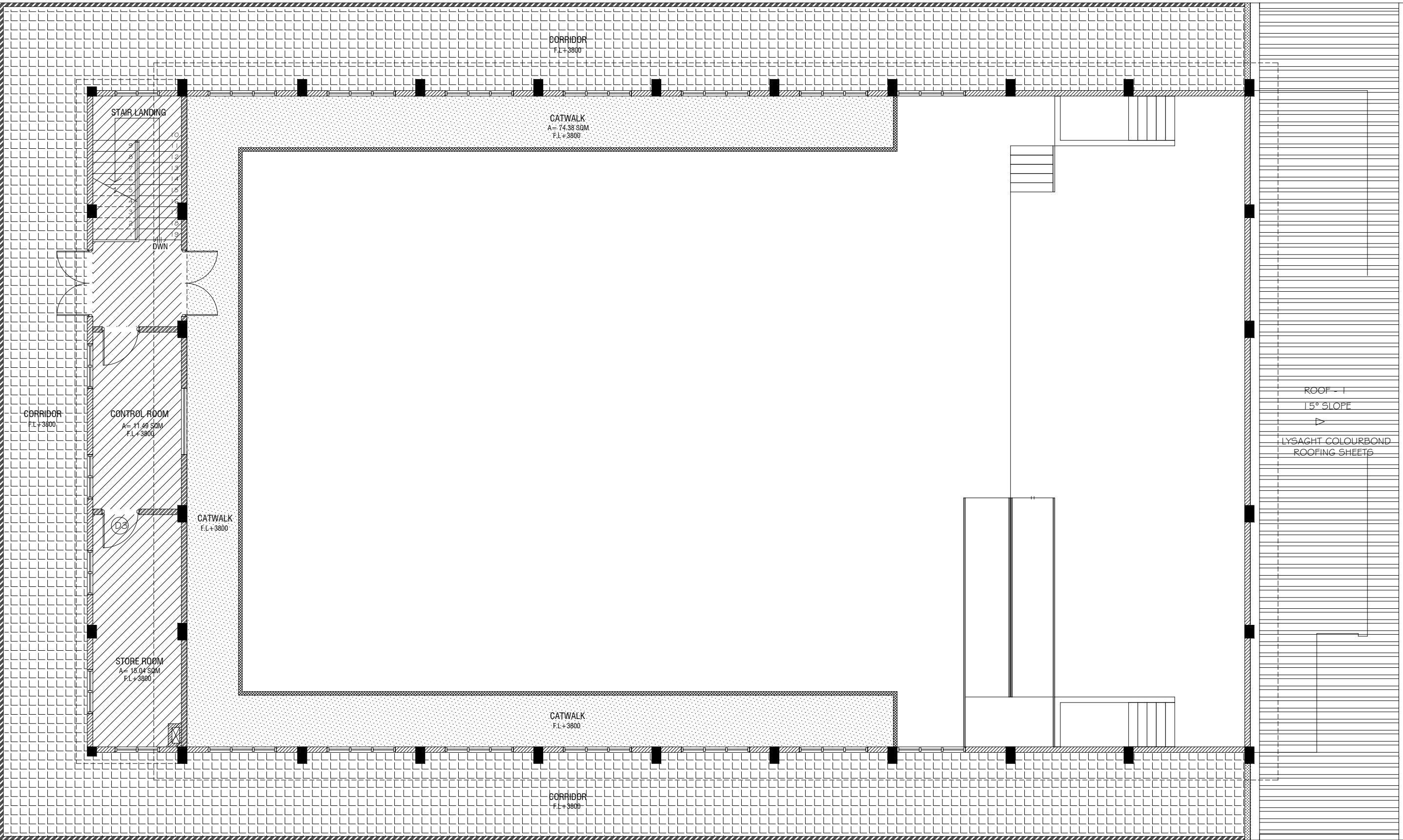
GROUND FLOOR  
FLOOR FINISHES PLAN

SCALE 1:100

CODE	DESCRIPTION
	35mm NORMAL SCREEDING WITH 2.5mm SELF LEVELING CEMENT WITH EPOXY FLOOR PAINT (2 COATS OF EPOXY)
	600X600mm HOMOGENOUS NON-SLIP TILES OVER 50mm SCREEDING
	600X600mm HOMOGENOUS NON-SLIP TILES OVER 25mm SCREEDING (CEMENTITIOUS WATERPROOFING: MASTERPEL 588 OR EQUIVALENT ON TOP OF THE SLAB)

	300X300mm HOMOGENOUS NON-SLIP TILES OVER 25mm SCREEDING
--	---

NOTE:  
BADMINTON COURT TO BE DRAWN ON WITH ELASTOMETRIC PAINT IN SELECTED PAINT FINISH  
STAGE SHOULD HAVE A CARPET FINISH ON TOP OF THE 25X100mm HARDWOOD FLOORING

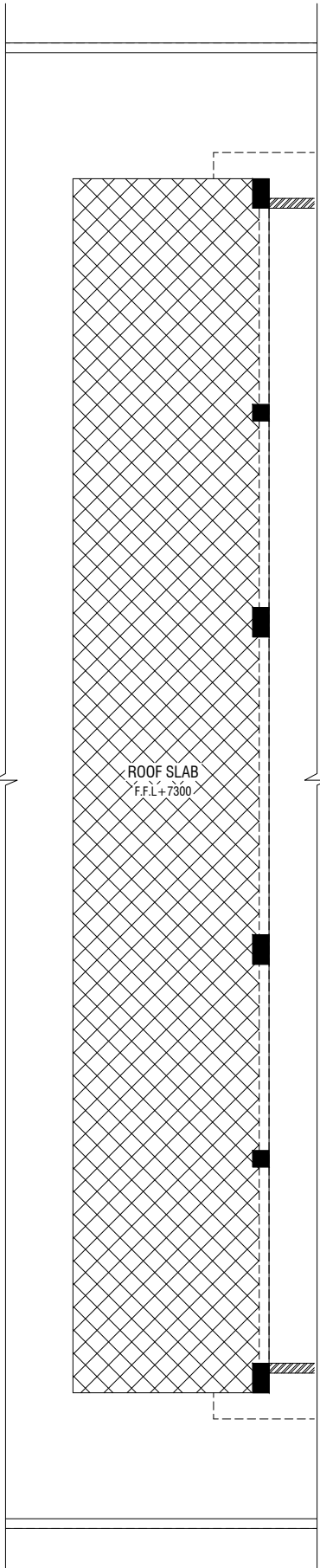


**FIRST FLOOR  
FLOOR FINISHES PLAN**

SCALE 1:100



LEGEND		
CODE	DESCRIPTION	
	35mm NORMAL SCREEDING WITH 2.5mm SELF LEVELING CEMENT WITH EPOXY FLOOR PAINT (2 COATS OF EPOXY)	
	600X600mm HOMOGENOUS NON-SLIP TILES OVER 50mm SCREEDING	
	SELF LEVELLING CEMENT FLOOR SCREED WITH BITUMINOUS WATERPROOFING AGENT	

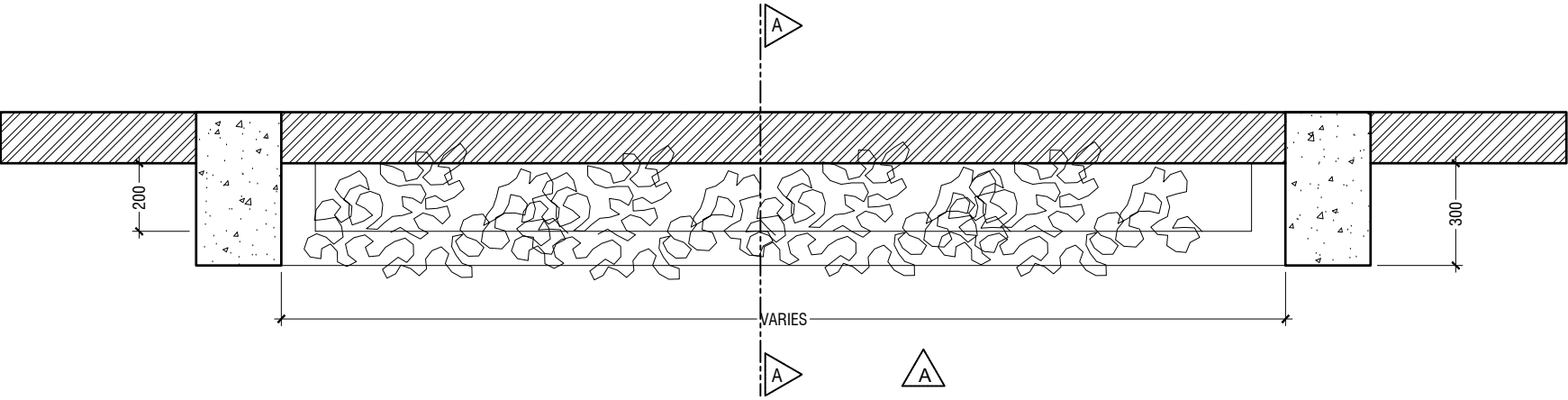


**ROOF SLAB - 1  
FLOOR FINISHES PLAN**

SCALE 1:100

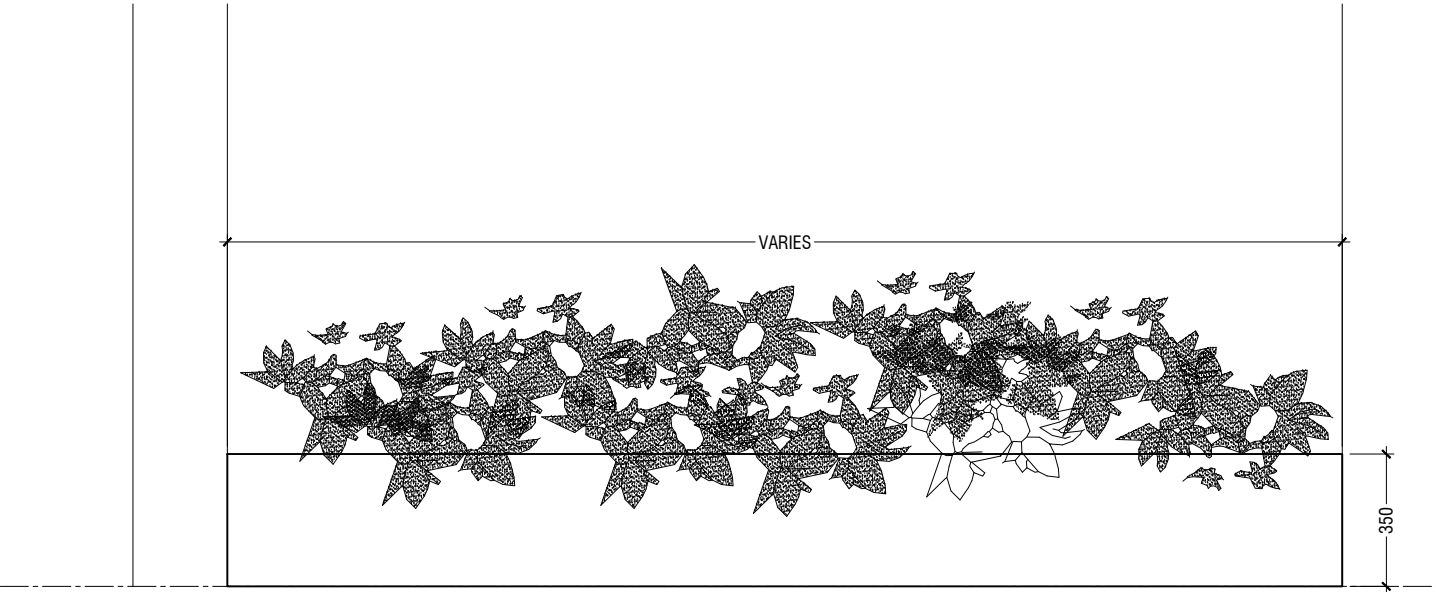






**PLAN**

SCALE 1:20



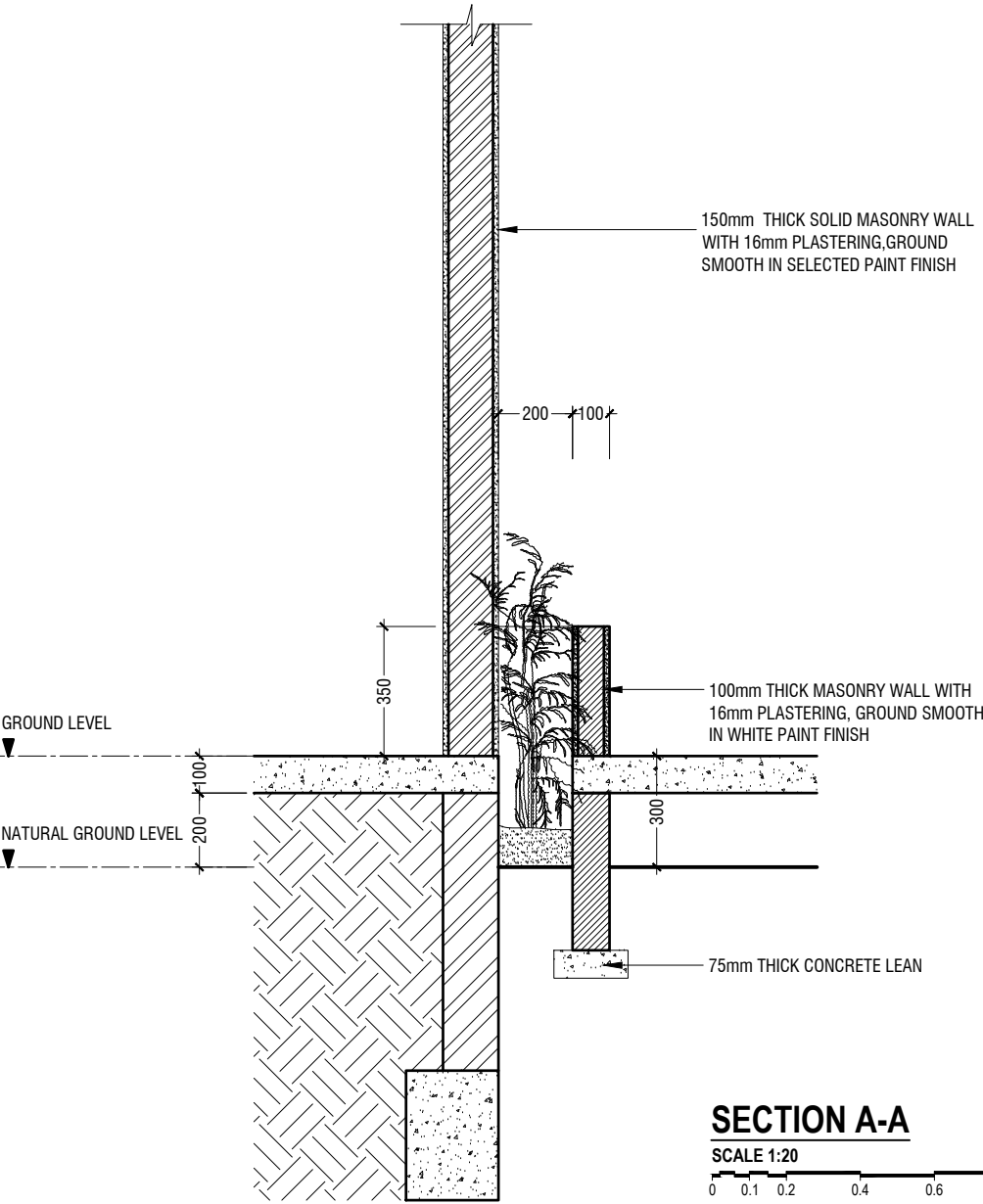
**ELEVATION A**

SCALE 1:20



**DETAIL - 1  
PLANTER BOX DETAILS**

SCALE 1:20



**SECTION A-A**

SCALE 1:20



Th.Omadhoo School Hall  
Client: Ministry of Education

Rev no	Date
--	-----
--	-----
--	-----
--	-----

Project Number: RI/2020/006

Date: March 2021

Architect : Mariyam Irasha Shareef

Engineer : Mohamed Muthalib Waleed

Drawn by : Mariyam Leevan Jaleel

Services : Aishath Ahmed

Interior : -



RIYAN PRIVATE LIMITED

t : +9603315049 f : +9603310776

e : info@riyan.com.mv

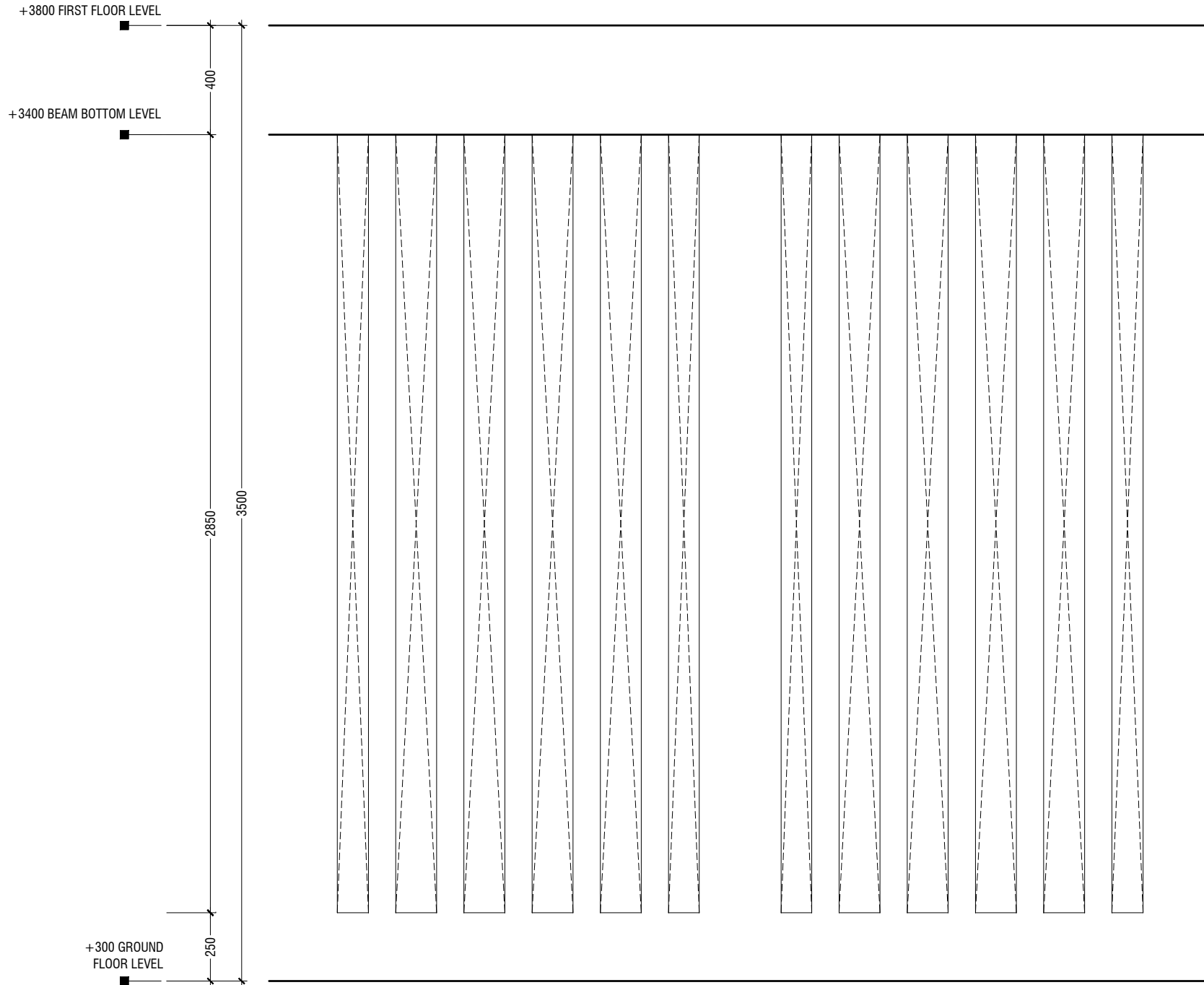
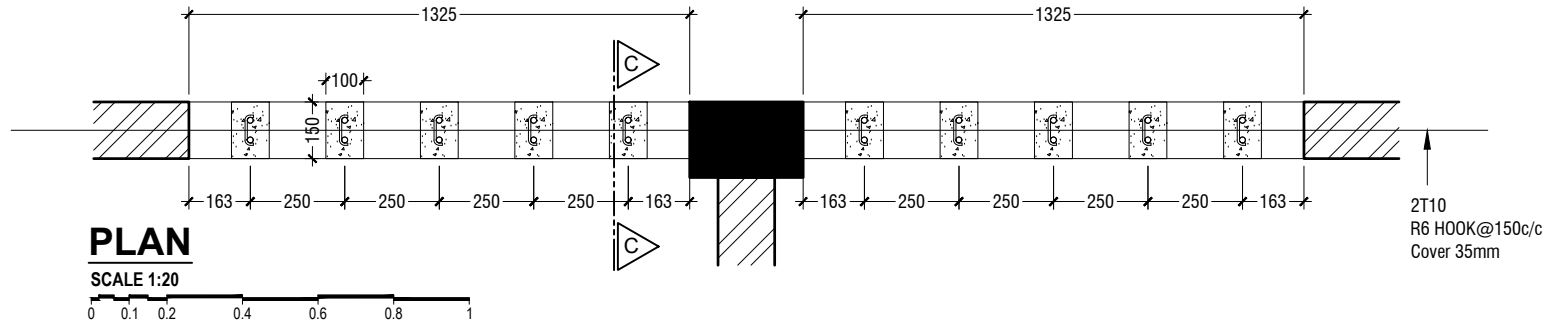
w : www.riyan.com.mv

3rd floor, H. Azum, Ameenemagui, Male'

Title: Planter Box Detail

Page: A-15/24

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.



## ELEVATION - C

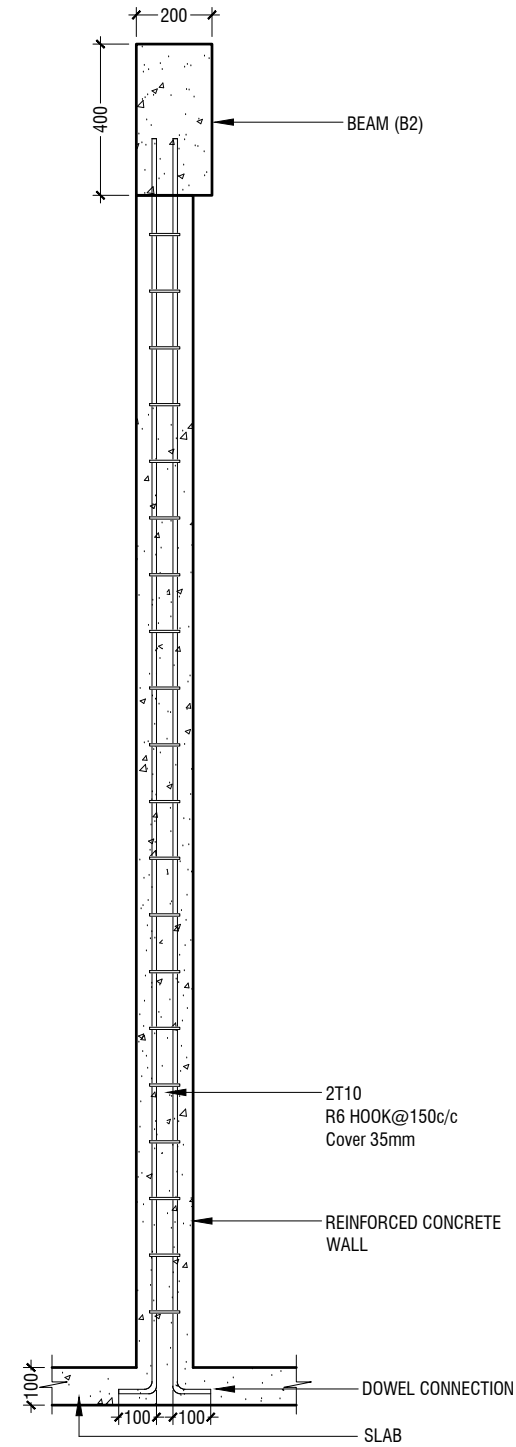
SCALE 1:20



## DETAIL - 2

## RC FIN DETAILS

SCALE 1:20



Th.Omadhoo School Hall  
Client: Ministry of Education

Rev no	Date
--	-----
--	-----
--	-----

Project Number: RI/2020/006  
Date: March 2021  
Architect : Mariyam Irasha Shareef  
Engineer : Mohamed Muthalib Waleed  
Drawn by : Mariyam Leevan Jaleel  
Services : Aishath Ahmed  
Interior : -



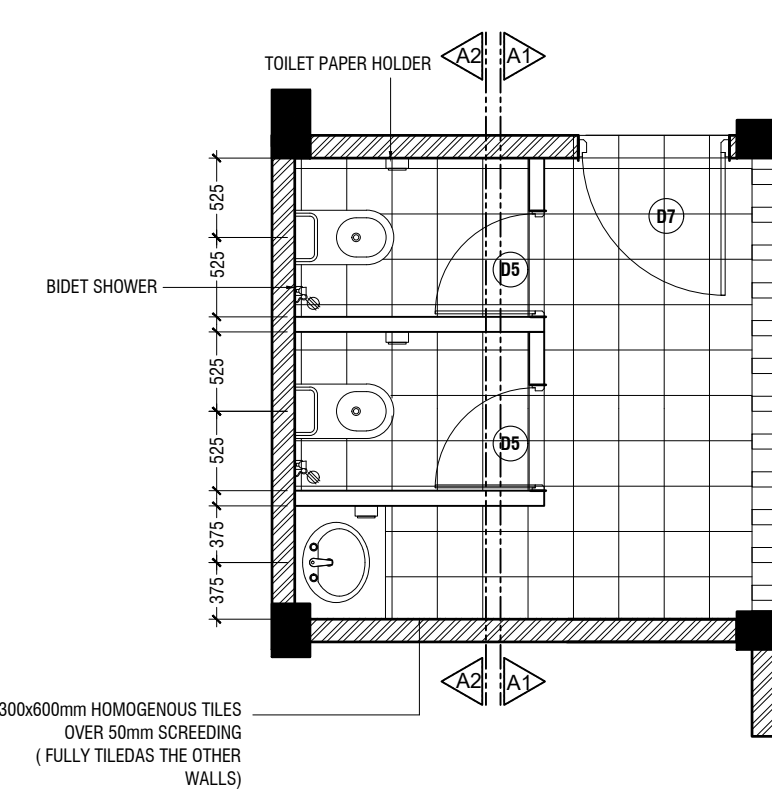
RYAN PRIVATE LIMITED

t : +9603315049 f : +9603310776  
e : info@ryan.com.mv  
w : www.ryan.com.mv  
3rd floor, H. Azum, Ameenemagau, Male'

Title: RC Fins Detail

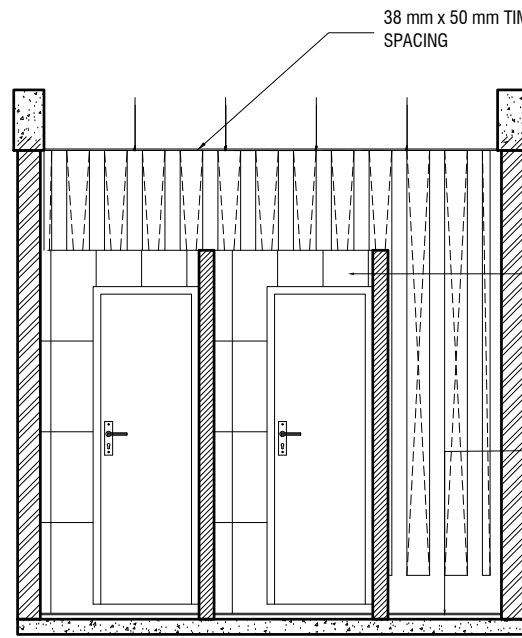
Page: A-16/24

The contents of these drawings remain as a property of RYAN Private Limited. Any use other than those expressly stated is a violation of this copyright.



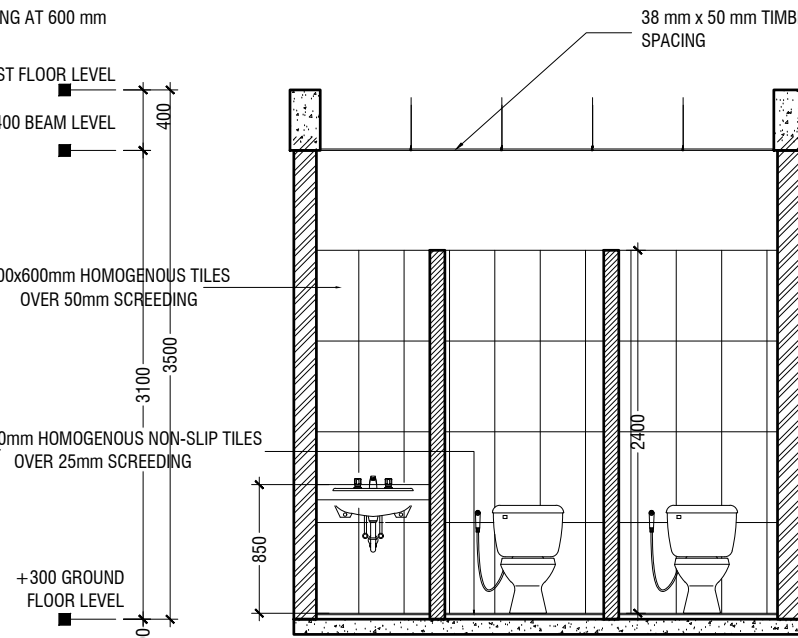
**TYPICAL TOILET PLAN**

SCALE 1:50



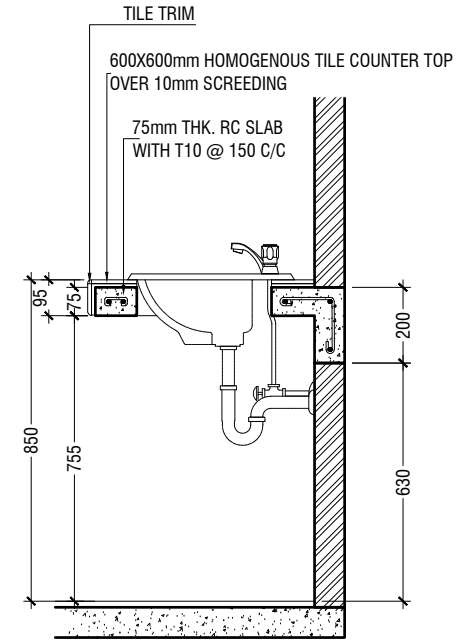
**SECTION A1-A1**

SCALE 1:50



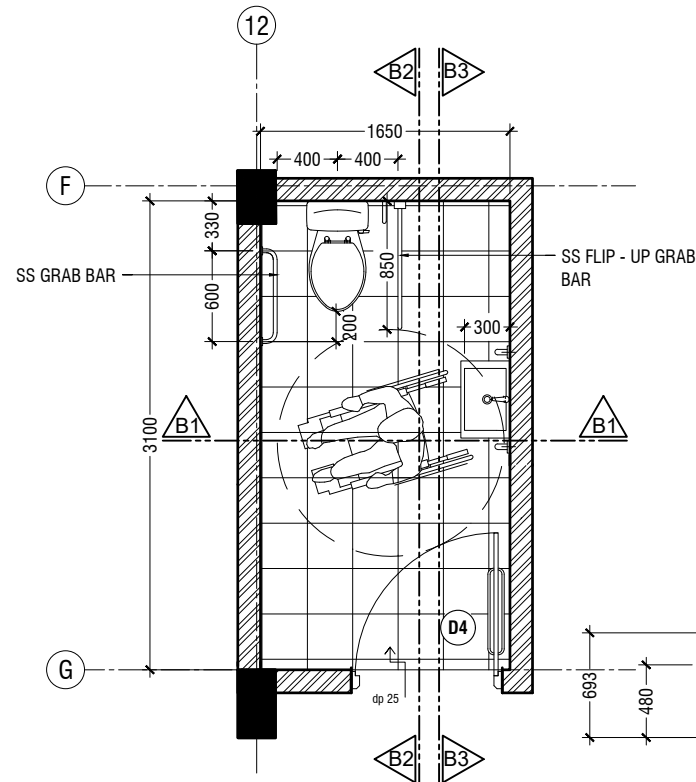
**SECTION A2-A2**

SCALE 1:50



**COUNTER TOP DETAILS**

SCALE 1:20

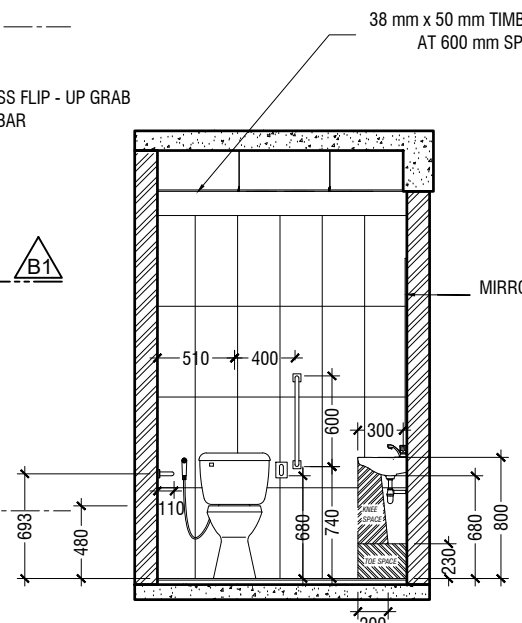


**TOILET FOR PERSONS WITH DISABILITIES PLAN**

SCALE 1:50

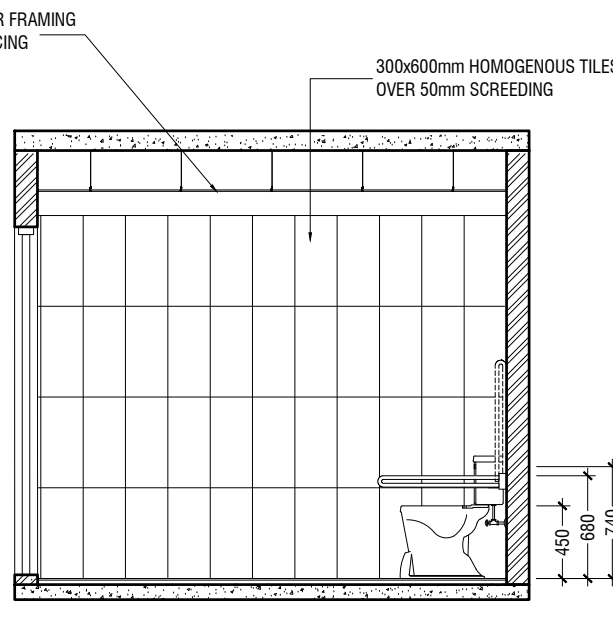
NOTE:  
ALL THE MATERIALS FOR FIXTURES SHALL BE APPROVED BY THE ARCHITECT/CONSULTANT BEFORE INSTALLATION

GRAB BARS OF THE DISABLE TOILET SHALL BE AS PER MANUFACTURE'S DETAIL



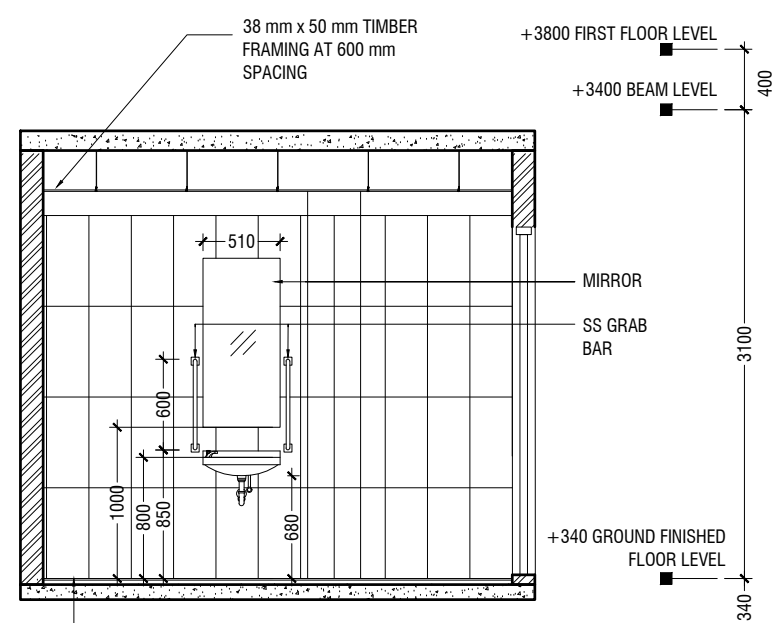
**SECTION B1-B1**

SCALE 1:50



**SECTION B2-B2**

SCALE 1:50



**SECTION B3-B3**

SCALE 1:50

**DETAIL - 3 TOILET DETAILS**

SCALE 1:50

Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number: RI/2020/006  
Date: March 2021  
Architect: Mariyam Irasha Shareef  
Engineer: Mohamed Muthalib Waleed  
Drawn by: Mariyam Leevan Jaleel  
Services: Aishath Ahmed  
Interior: -

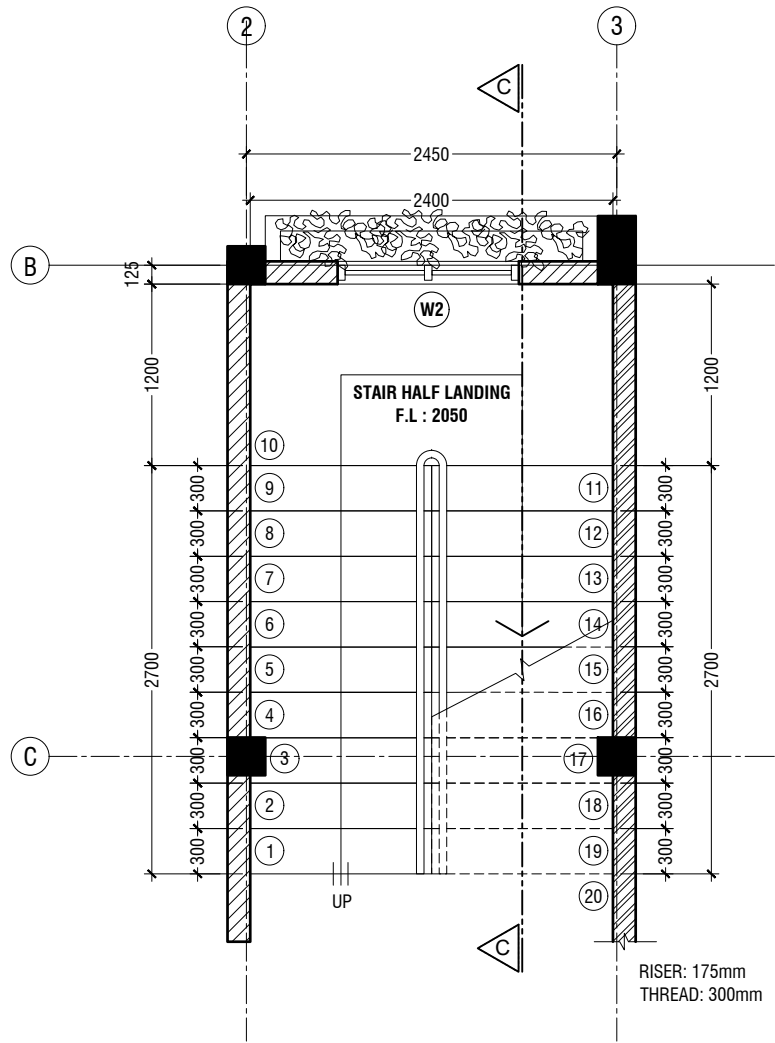


RIYAN PRIVATE LIMITED  
t: +9603315049 f: +9603310776  
e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azum, Ammeenemagu, Male'

Title: Toilet Detail

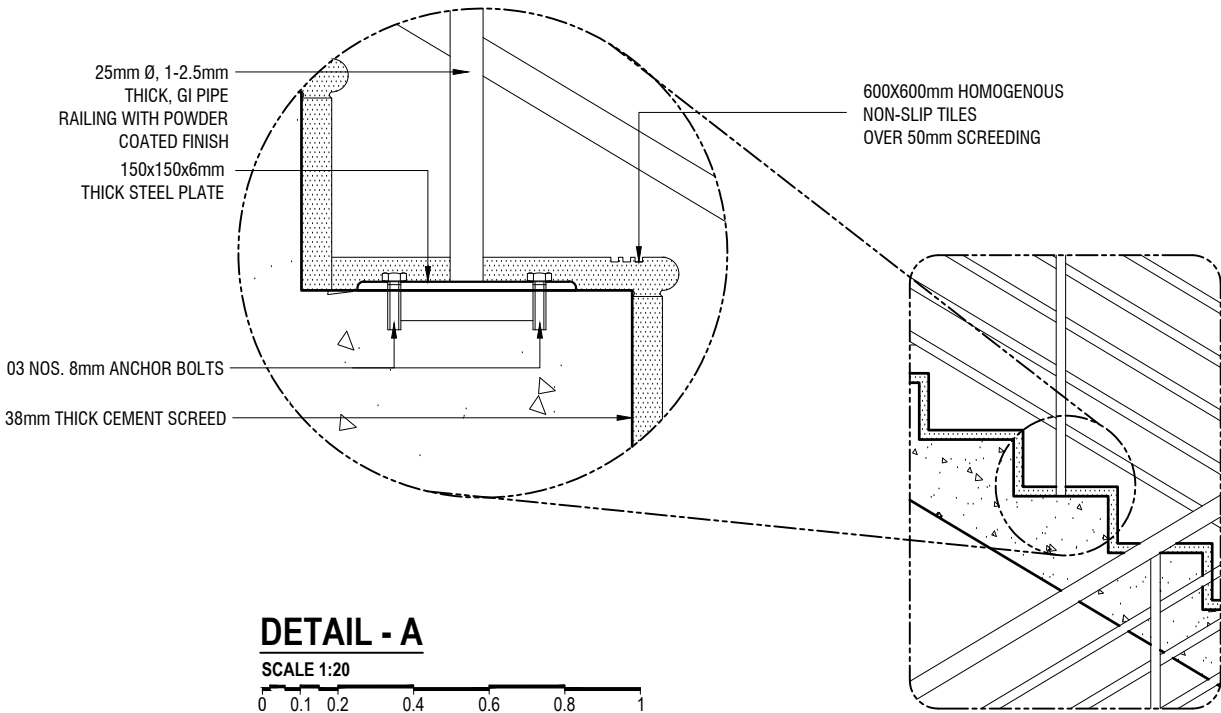
Page: A-17/24

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.



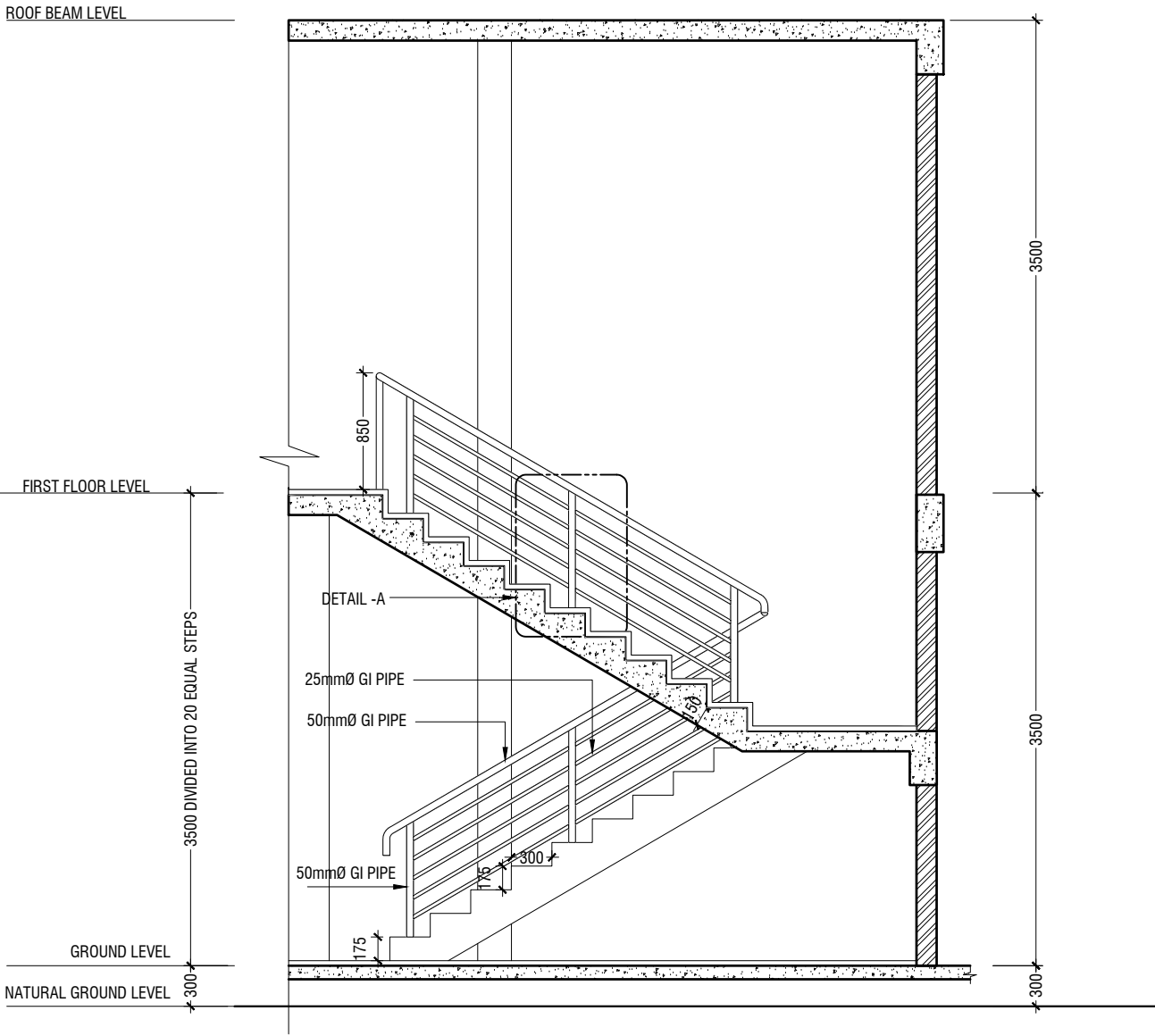
## MAIN STAIRCASE PLAN

SCALE 1:50



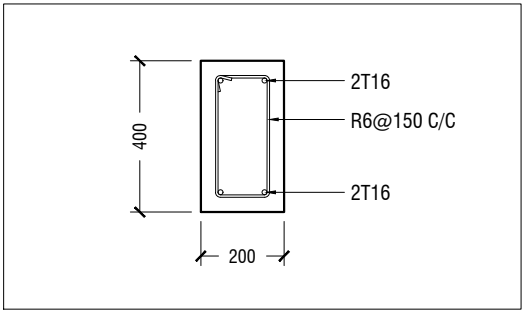
## DETAIL - A

SCALE 1:20



## SECTION C-C

SCALE 1:50



## STAIR HALF LANDING BEAM (HB)

SCALE 1:20

## DETAIL - 4 MAIN STAIRCASE DETAILS

SCALE 1:50

Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number: RI/2020/006  
Date: March 2021  
Architect: Mariyam Irasha Shareef  
Engineer: Mohamed Muthalib Waleed  
Drawn by: Mariyam Leevan Jaleel  
Services: Aishath Ahmed  
Interior: -

Rev no

Date



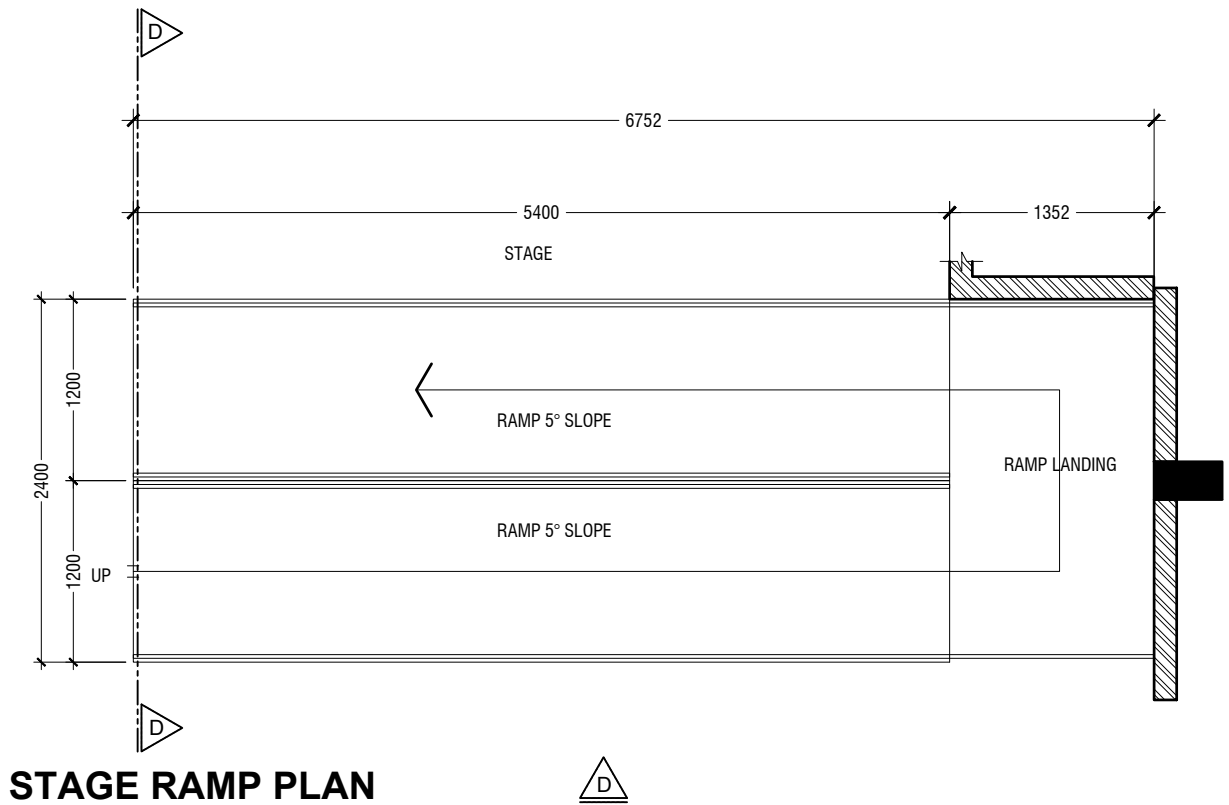
RYAN PRIVATE LIMITED

t: +9603315049 f: +9603310776  
e: info@ryan.com.mv  
w: www.ryan.com.mv  
3rd floor, H. Azum, Ameenemagau, Male'

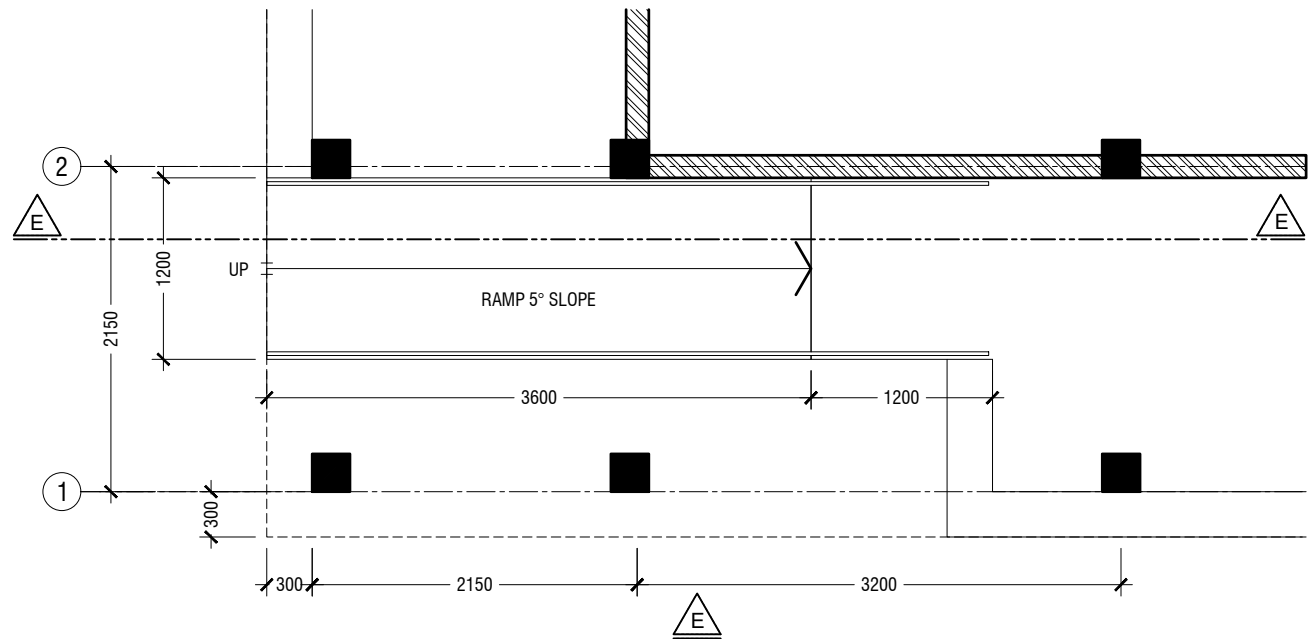
Title: Staircase Details

Page: A-18/24

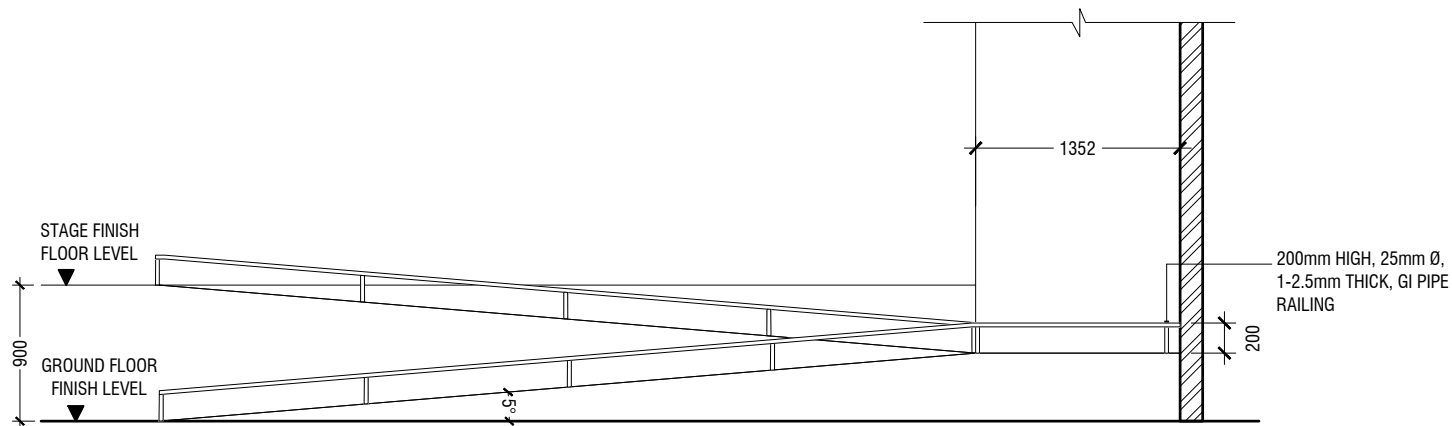
The contents of these drawings remain as a property of Ryan Private Limited. Any use other than those expressly stated is a violation of this copyright



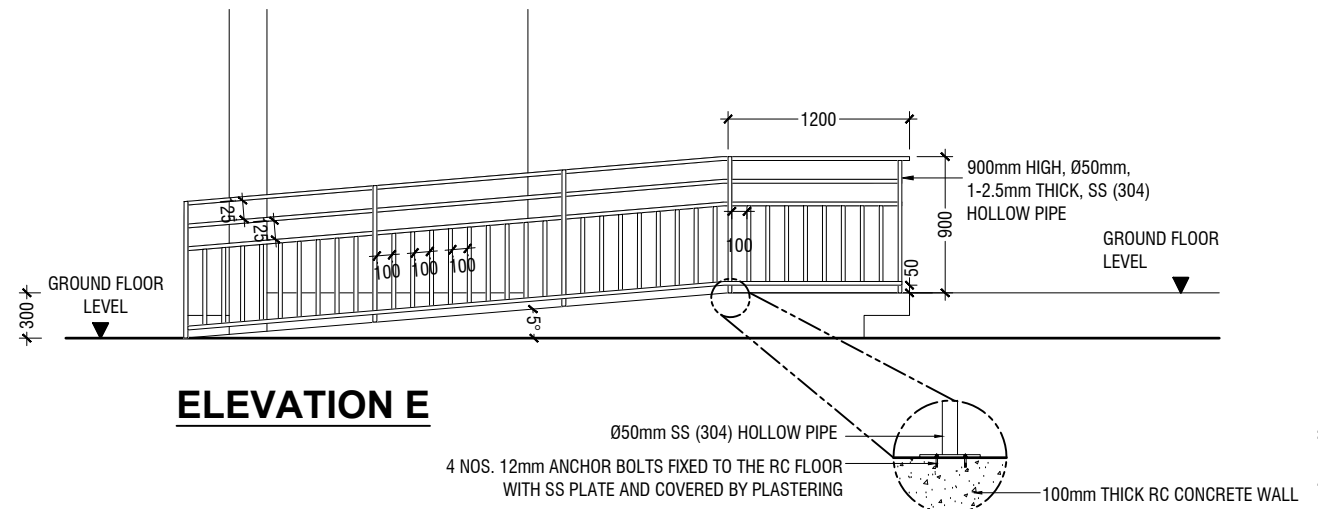
**STAGE RAMP PLAN**



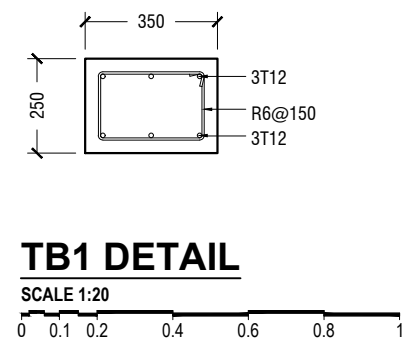
**BUILDING ENTRANCE RAMP PLAN**



**ELEVATION D**

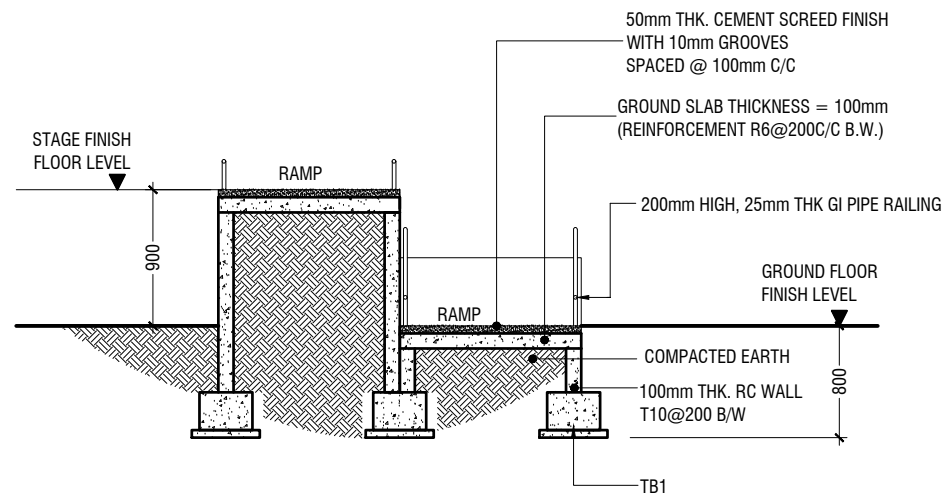


**ELEVATION E**

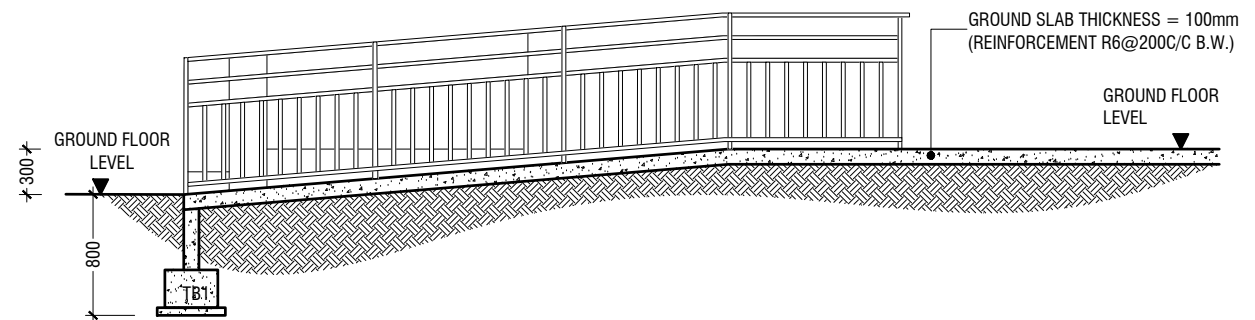


**TB1 DETAIL**

SCALE 1:20



**SECTION D-D**



**SECTION E-E**

**MAIN ENTRANCE RAMP DETAIL**

SCALE 1:50

Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number: RI/2020/006  
Date: March 2021  
Architect: Mariyam Irasha Shareef  
Engineer: Mohamed Muthalib Waleed  
Drawn by: Mariyam Leevan Jaleel  
Services: Aishath Ahmed  
Interior: -



RYAN PRIVATE LIMITED  
t: +9603315049 f: +9603310776  
e: info@ryan.com.mv  
w: www.ryan.com.mv  
3rd floor, H. Azum, Ameenemagau, Male'

Title: Ramp Details

Page: A-19/24

The contents of these drawings remain as a property of RYAN Private Limited. Any use other than those expressly stated is a violation of this copyright.

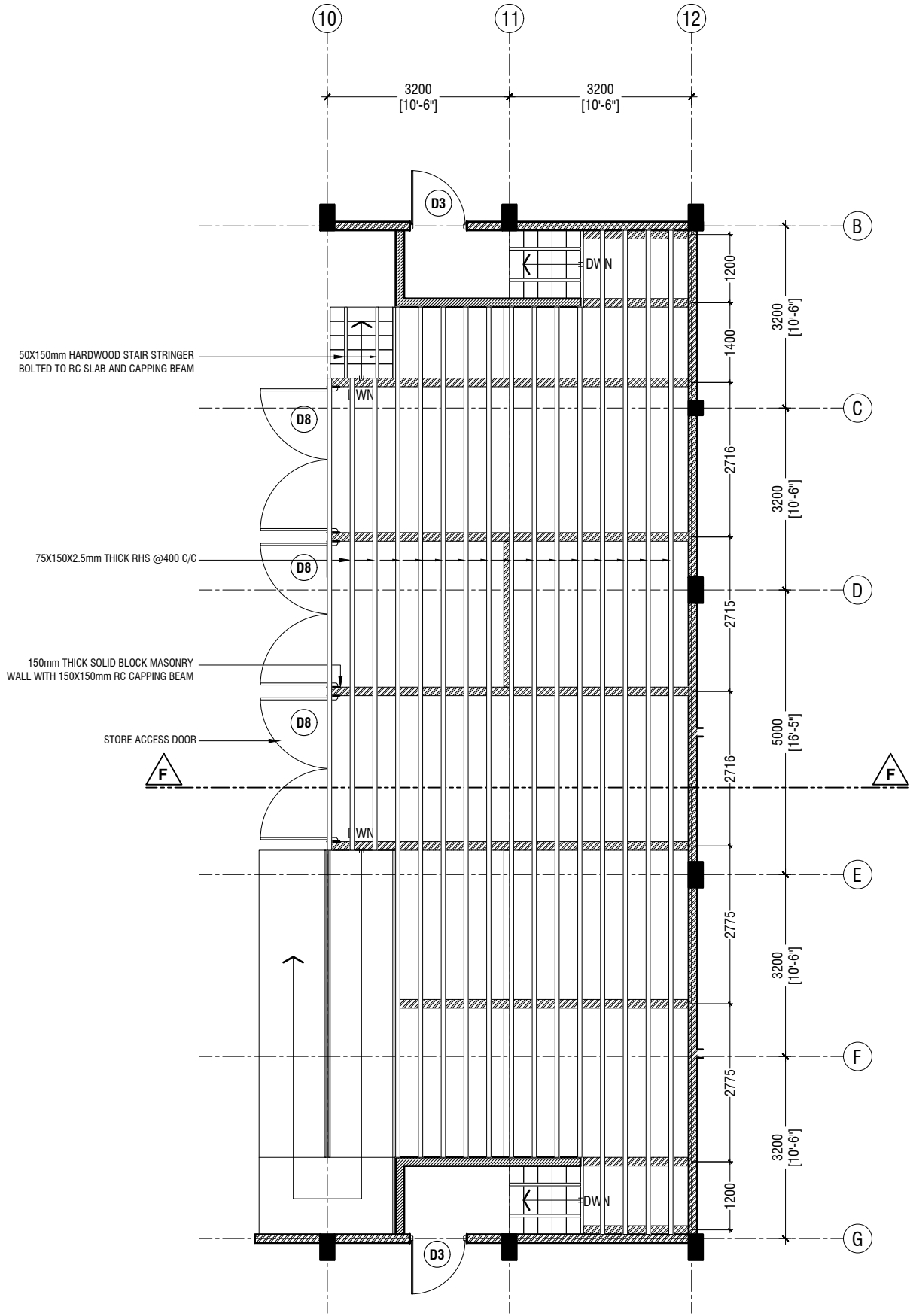


DETAIL - 6  
STAGE DETAIL

SCALE 1:100

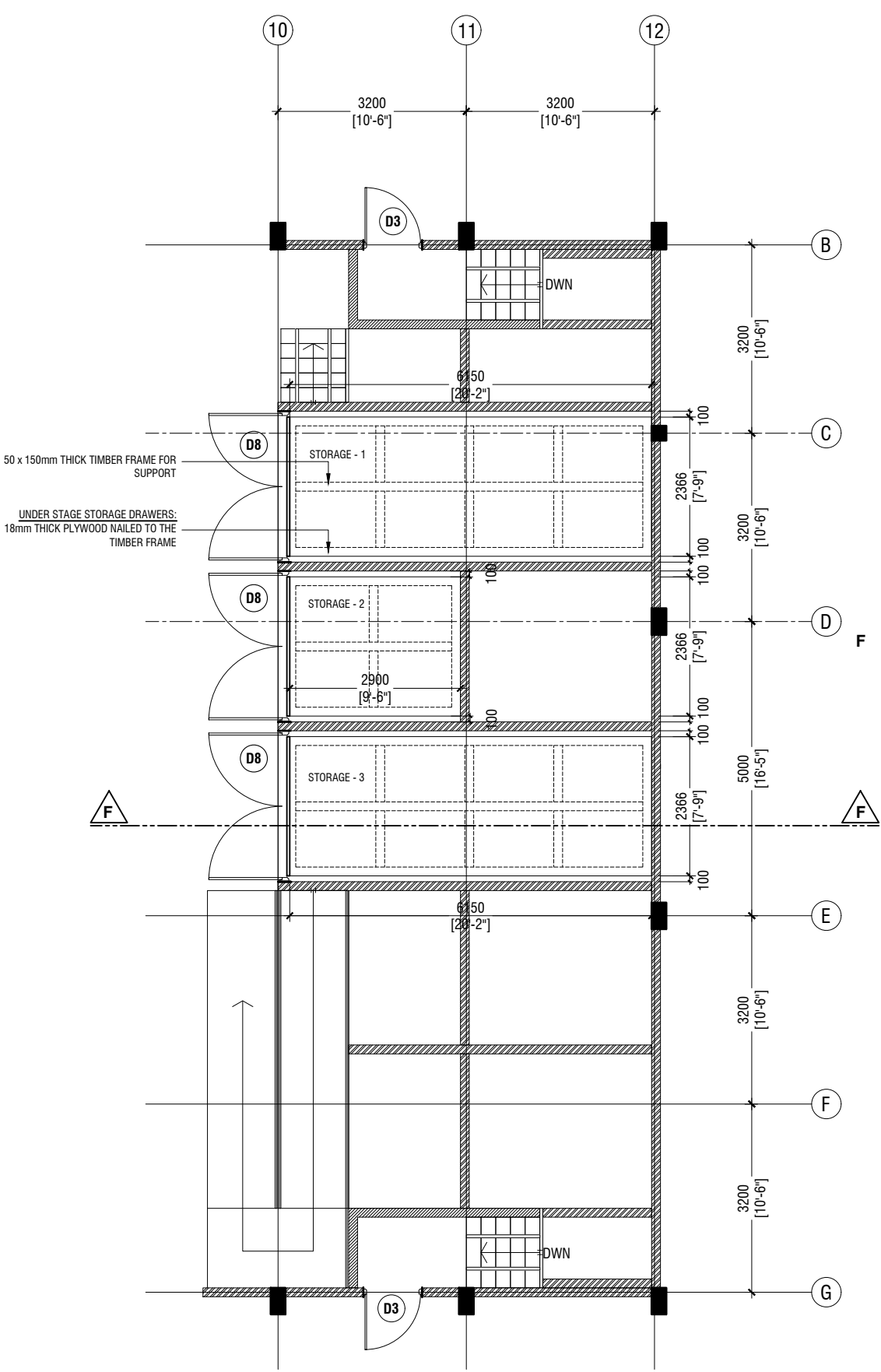
STAGE FRAMING PLAN

SCALE 1:100



STAGE DRAWERS PLAN

SCALE 1:100



Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number: RI/2020/006  
Date: March 2021  
Architect: Mariyam Irasha Shareef  
Engineer: Mohamed Muthalib Waleed  
Drawn by: Mariyam Leevan Jaleel  
Services: Aishath Ahmed  
Interior: -

Rev no

Date

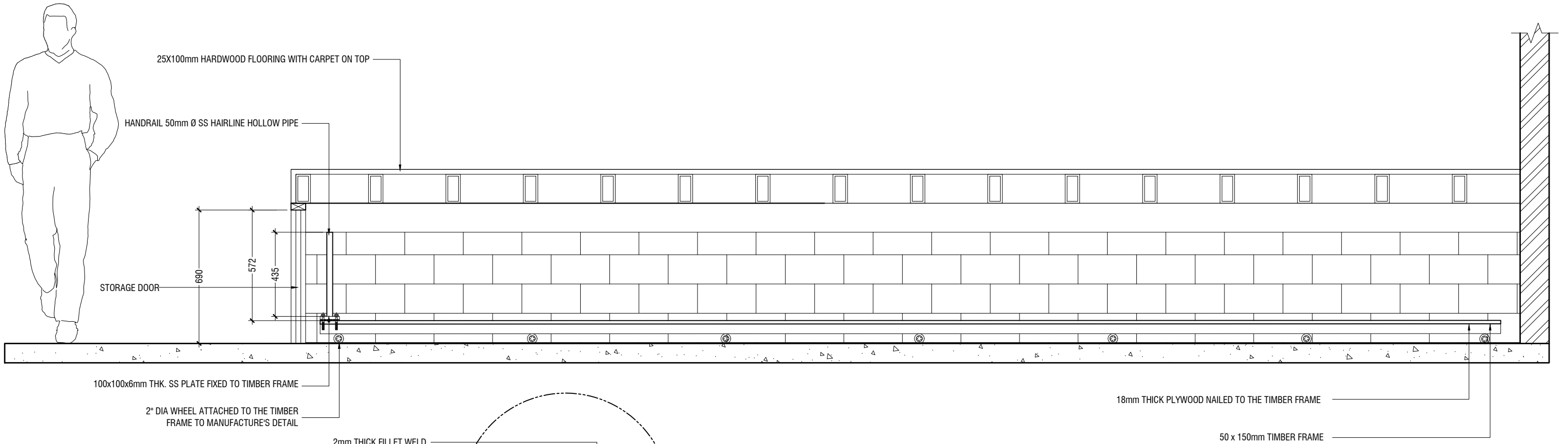
RIYAN PRIVATE LIMITED

t: +9603315049 f: +9603310776  
e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azum, Ameenemagui, Male'

Title: Stage Framing Plan  
& Details

Page: A-20/24

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.



## SECTION F-F

SCALE 1:20

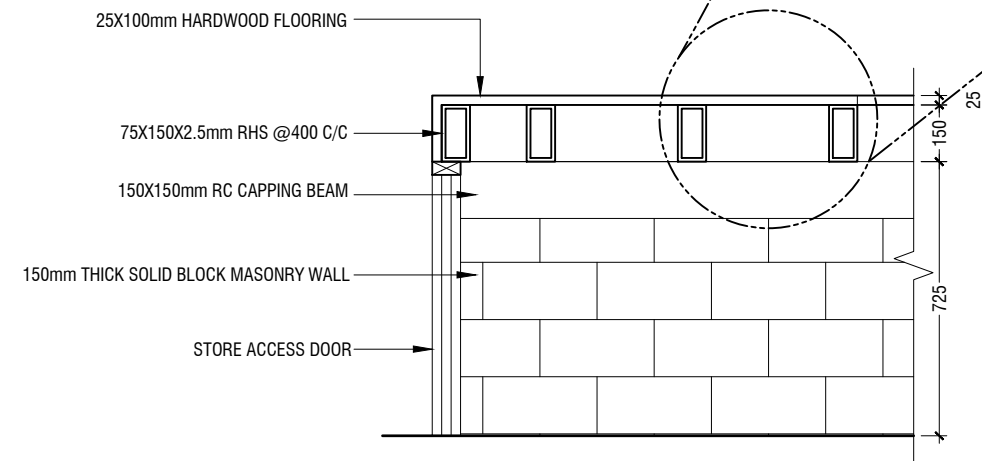


2mm THICK FILLET WELD

75X150X2.5mm RHS @400 C/C

50 x 50 x 2.5 L-ANGLE

2 NOS - M10 J - BOLTS



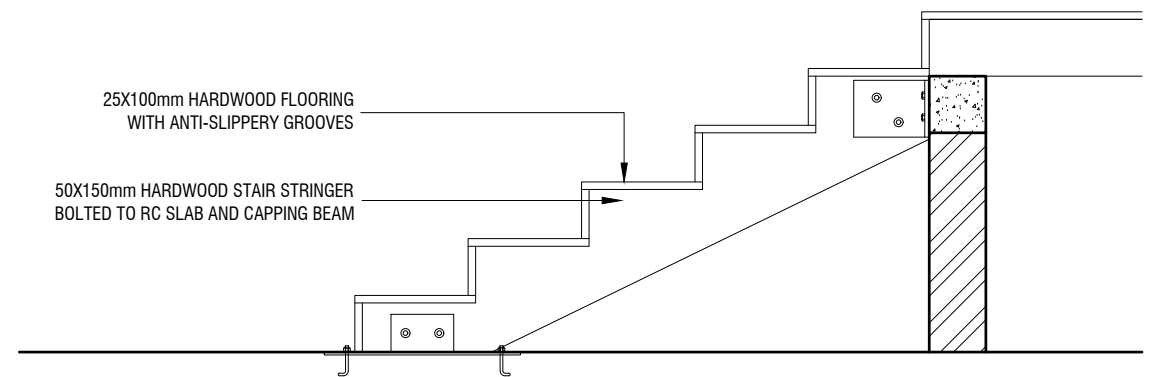
## SECTION F-F

SCALE 1:20



## STAGE DETAILS

SCALE 1:20



## STAIR DETAIL

SCALE 1:20



Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number: RI/2020/006  
Date: March 2021  
Architect: Mariyam Irasha Shareef  
Engineer: Mohamed Muthalib Waleed  
Drawn by: Mariyam Leevan Jaleel  
Services: Aishath Ahmed  
Interior: -



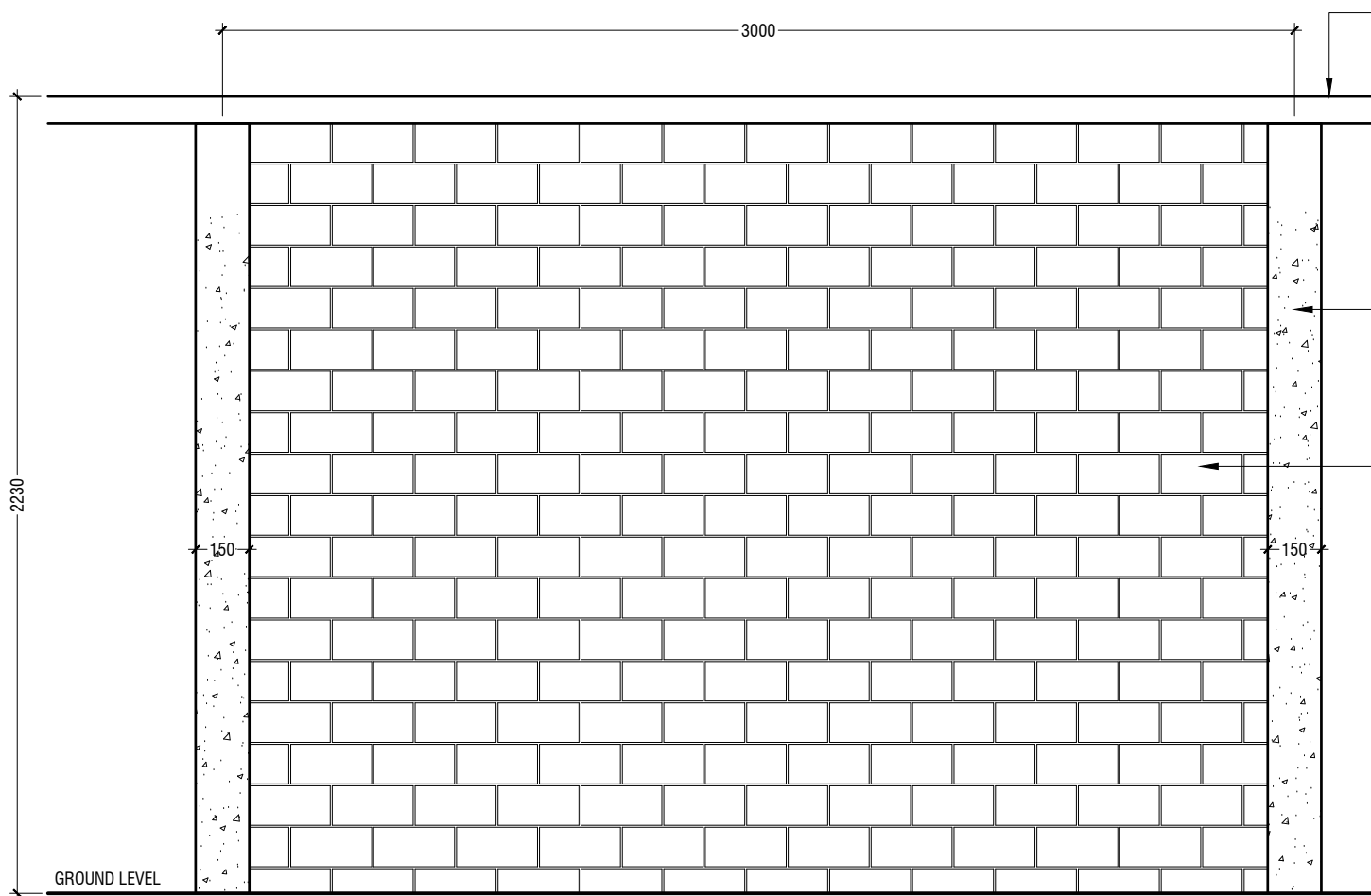
RYAN PRIVATE LIMITED

t: +9603315049 f: +9603310776  
e: info@ryan.com.mv  
w: www.ryan.com.mv  
3rd floor, H. Azum, Ameenemagui, Male'

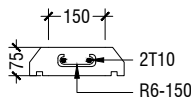
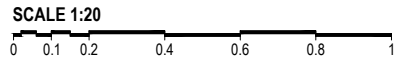
Title: Stage Framing Plan  
& Details

Page: A-21/24

The contents of these drawings remain as a property of Ryan Private Limited. Any use other than those expressly stated is a violation of this copyright.



BOUNDARY WALL ELEVATION

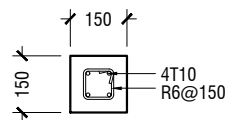
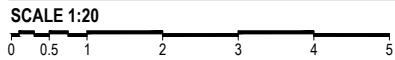


COLUMN SC @3000mm SPACING

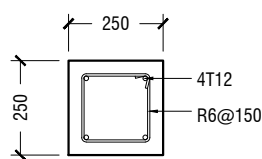
CB - CAPPING BEAM

DETAIL - 7

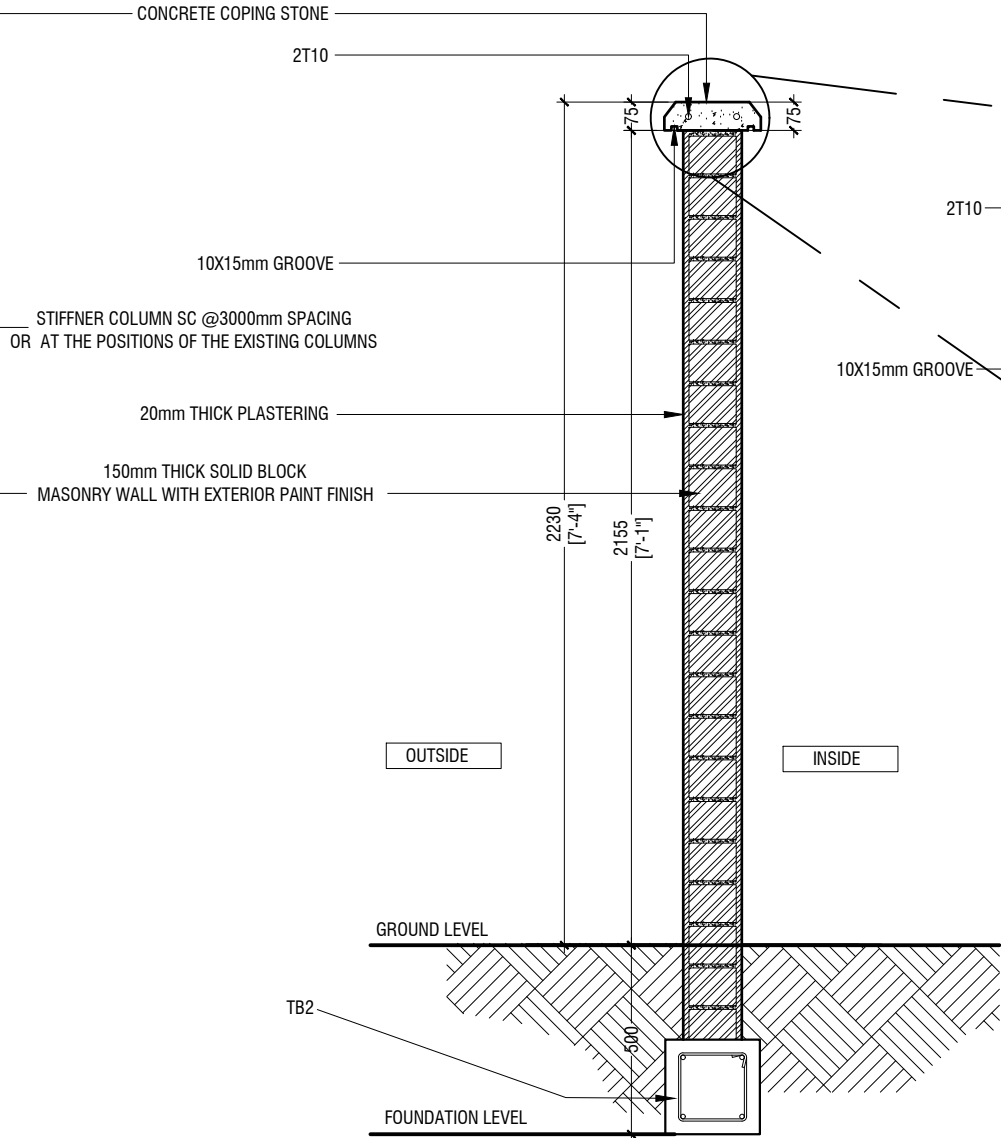
BOUNDARY WALL DETAILS



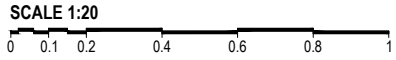
STIFFENER COLUMN



TB2 (BOUNDARY WALL)



BOUNDARY WALL SECTION DETAIL



NOTE  
- REFER TO SITE PLAN FOR LOCATION AND DIMENSION OF BOUNDARY WALL

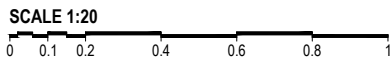
Th.Omadhoo School Hall  
Client: Ministry of Education

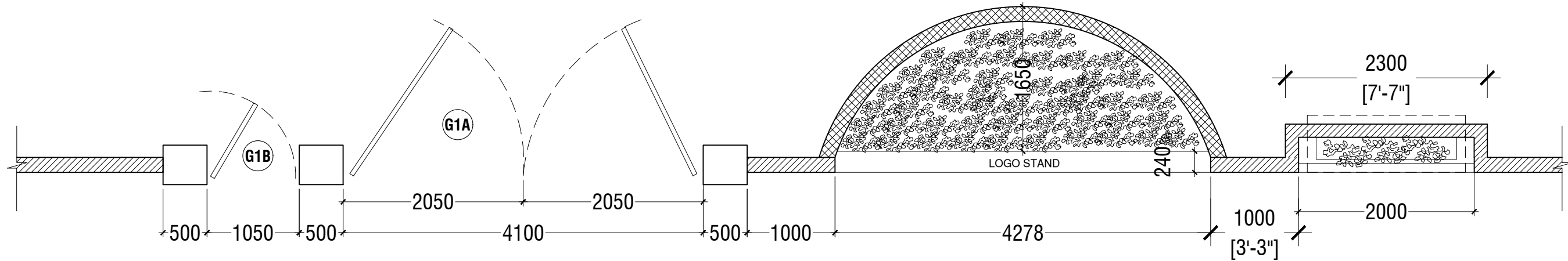
Project Number	Rev no	Date
R/2020/006	--	-----
Date: March 2021	--	-----
Architect : Mariyam Irasha Shareef	--	-----
Engineer : Mohamed Muththalib Waleed	--	-----
Drawn by : Mariyam Leevan Jaleel	--	-----
Services : Alishah Ahmed	--	-----
Interior : -	--	-----



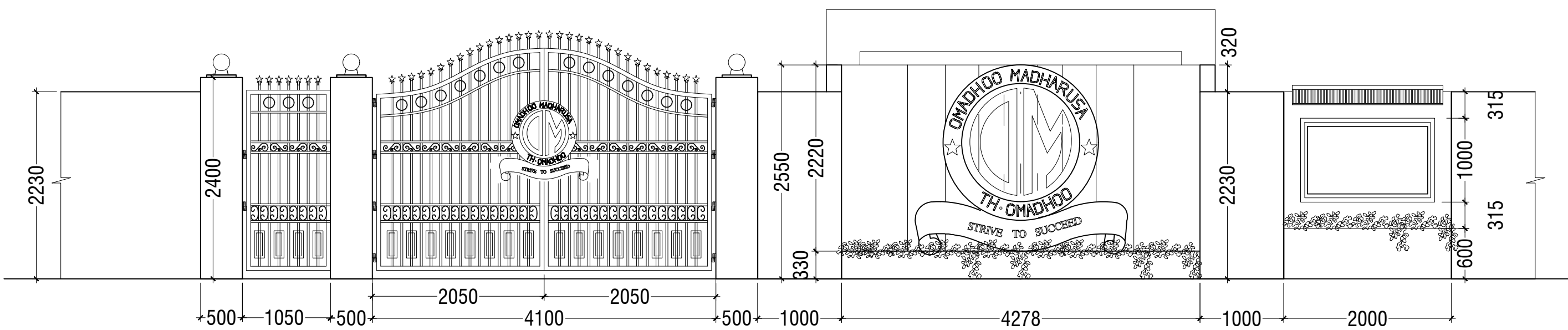
RYAN PRIVATE LIMITED  
t : +9603315049 f : +9603310776  
e : info@ryan.com.mv  
w : www.ryan.com.mv  
3rd floor, H. Azum, Ameenemagui, Male'

Title: Boundary Wall Details





**PLAN**  
SCALE 1:50



**ELEVATION**  
SCALE 1:50

Th.Omadhoo School Hall		Rev no	Date
Client: Ministry of Education		--	---
Project Number: RI/2020/006		--	---
Date: March 2021		--	---
Architect : Mariyam Irasha Shareef		--	---
Engineer : Mohamed Muththalib Waleed		--	---
Drawn by : Mariyam Leevan Jaleel		--	---
Services : Alishah Ahmed		--	---
Interior : -		--	---

The contents of these drawings remain as a property of RYAN Private Limited. Any use other than those expressly stated is a violation of this copyright.



## GENERAL NOTES

THE GENERAL NOTES SHALL BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATIONS AND DRAWINGS. REGARDLESS OF WHETHER OR NOT SHOWN IN DRAWINGS OR OTHER TENDER DOCUMENTS, THE STANDARD PROVISIONS SPECIFIED HEREUNDER FOR COMPLIANCE BY THE CONTRACTOR SHALL APPLY TO ALL RELEVANT PORTIONS OF THE STRUCTURAL WORKS AND SHALL FORM PART OF THIS CONTRACT.

### 1.0 VERIFICATION OF DIMENSIONS AND LEVELS

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS ON SITE, AND RESOLVE ALL DISCREPANCIES WITH THE ARCHITECT OR ENGINEER PRIOR TO COMMENCEMENT OF WORK.
- DRAWING INDICATES GENERAL & TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE OF SIMILAR CHARACTER TO DETAILS SHOWN AND ALTHOUGH NOT SPECIFICALLY INDICATED, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECTED TO REVIEW BY THE ENGINEER.
- PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS IN THE CONTRACT DRAWINGS.
- DISCREPANCIES IN DRAWINGS ARISING FROM SUCH VERIFICATION WORKS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.

### 2.0 SHOP DRAWINGS

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF ALL WORKS AND SHALL TAKE SITE MEASUREMENTS PRIOR TO THE PREPARATION OF ANY SHOP DRAWINGS OR BEFORE COMMENCING FABRICATION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL SPECIALIST TRADES, SUCH AS PRESTRESSING, CURTAIN WALLING, ETC. FOR REVIEWS AND COMMENTS BY THE ARCHITECT/ENGINEER PRIOR TO COMMENCEMENT OF WORK. SUCH SHOP DRAWINGS SUBMITTED SHALL INCORPORATE ALL NECESSARY CONNECTION DETAILS TO THE STRUCTURAL MEMBERS SUCH AS CAST-IN INSERTS, EMBEDDED PLATES, ETC.

### 3.0 INCORPORATION OF M&E REQUIREMENTS IN THE STRUCTURE

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING TOTAL COORDINATION OF STRUCTURAL, M & E PENETRATION DRAWINGS OF SERVICES AND SUBMIT SUCH SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEWS AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- THESE SHOP DRAWINGS SHALL INCORPORATE ALL MECHANICAL, ELECTRICAL AND SANITARY WORKS TO BE EMBEDDED IN CONCRETE AND ALL OPENINGS FOR ALL PIPE OR DUCT WORKS, BASED ON THE REQUIREMENTS OF M & E DRAWINGS IN HIS POSSESSION.
- HE SHALL CHECK AND RESOLVE ALL DISCREPANCIES WITH THE RESPECTIVE ENGINEER PRIOR TO PLACEMENT OF CONCRETE.

### 4.0 LEAN CONCRETE FOR SUSPENDED STRUCTURES

- UNLESS OTHERWISE STATED, 50 MM THICK LEAN CONCRETE WITH A MINIMUM 28-DAY CUBE STRENGTH OF 15N/MM2 SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF STRUCTURAL CONCRETE MEMBERS.

### 5.0 STRUCTURAL ELEMENTS ON GRADE

- UNLESS OTHERWISE STATED, A SINGLE LAYER OF 0.25 MM(HEAVY DUTY) POLYTHENE SHEET, OR EQUIVALENT THERMOPLASTIC MATERIAL, LAID OVER A COMPACTED 60 MM THICK LAYER OF HARD CORE BLINDED WITH SAND TO PREVENT GROUT LOSS FROM SEEPAGE INTO THE GROUND SHALL BE PROVIDED ON ALL SOIL SURFACES FORMING THE UNDERSIDE OF THE NON-SUSPENDED SLABS.

### 6.0 SUBGRADE UNDER STRUCTURAL ELEMENTS

- WHERE THE CONTRACTOR REQUIRES REMOVAL AND SUBSEQUENT BACKFILL OF SUBGRADE PRIOR TO CASTING OF PILECAP/WALL/BEAM/SLAB, HE SHALL ENSURE THAT THE BACKFILL IS OF APPROVED MATERIAL AND THAT THE BACKFILL SHALL BE REASONABLY COMPACTED TO ENSURE THAT THE COMPACTED SOIL IS ABLE TO WITHSTAND THE WEIGHT OF THE WET CONCRETE. THE CONTRACTOR SHALL EXERCISE PROPER SKILL AND CARE TO AVOID DAMAGE TO ADJACENT INSTALLED STRUCTURES ARISING FROM HIS CONSTRUCTION SEQUENCE.

### 7.0 WATERPROOFING FOR STRUCTURES

- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND METHOD STATEMENTS FOR THE ENGINEER'S APPROVAL PRIOR TO COMMENCEMENT OF WORK. REQUIRED SHOP DRAWING DETAILS INCLUDE BUT ARE NOT LIMITED TO TREATMENT OF FLASHINGS, WATERSTOP AT CONSTRUCTION JOINTS, WALL AND SLAB PENETRATIONS.
- ALL PENETRATIONS THROUGH STRUCTURAL ELEMENTS SHALL BE CAST-IN, SLEEVED AND PROVIDED WITH APPROVED PUDDLE FLANGE DETAIL. IF FOR ANY REASON THE CONTRACTOR IS UNABLE TO LAY WATERSTOP AT CONSTRUCTION JOINTS AS INDICATED IN THE DRAWINGS, HE SHALL AT HIS OWN EXPENSES PROVIDE ADEQUATE GROUT TUBES FOR WATERPROOF PRESSURE GROUTING TO ENSURE WATERTIGHTNESS OF THE JOINT.
- ALL GROUT TUBES SHALL BE MARKED AND PROTECTED FROM BLOCKAGE.
- BACKFILLING OPERATIONS AGAINST VERTICAL SURFACE SHALL BE CARRIED OUT AS SOON AS THE WATERPROOFING BARRIER IS INSTALLED TO THE SATISFACTION OF THE ENGINEER.

### 8.0 CASTING LAYERS

- INCLINED CASTING LAYERS AND INCLINED CONSTRUCTION JOINTS SHALL BE AVOIDED.
- HORIZONTAL CASTING LAYERS SHALL NOT IN GENERAL EXCEED 0.6 M THICKNESS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

### 9.0 FOUNDATIONS

- ALL FOUNDATIONS HAS BEEN DESIGNED FOR SAFE GROUND PRESSURE OF 150 KN/M.
- ALL BACKFILL SHOULD BE DONE WITH MATERIALS APPROVED BY THE CONSULTANT AND SOURCE. ALL BACKFILL SHOULD BE STRUCTURAL FILL, COMPACTED IN LAYERS AS SPECIFIED.
- WEAK POCKETS FOUND BELOW THE ASSUMED FOUNDATION LEVELS SHALL BE REMOVED AND REPLACED BY PLAIN CONCRETE.
- IN CASE OF EXCAVATIONS BELOW THE ASSUMED LEVEL OF THE FOUNDATION, THE SOIL SHALL BE REPLACED BY PLAIN CONCRETE.
- IN CASE GROUND WATER IS PRESENT ABOVE FOUNDATION LEVEL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING THE BELOW LEVEL OF FOUNDATIONS.
- THE CONTRACTOR SHALL MAINTAIN DRY WORKING CONDITIONS THROUGH OUT THE CONSTRUCTION PERIOD. RESTORING WATER TABLE CAN BE DONE AFTER BACKFILLING AND COMPACTION UP TO THE SLAB ON GRADE LEVEL, OR AS DIRECTED BY THE ENGINEER.
- NO BACK FILLING SHALL BE PLACED AGAINST WALLS RETAINING EARTH, UNLESS THE WALLS ACHIEVE SUFFICIENT STRENGTH TO PREVENT MOVEMENT OR STRUCTURAL DAMAGE.

### 10.0 CONSTRUCTION LOAD AND SHORING

- CONSTRUCTION LIVE LOAD IMPOSED ON ANY SINGLE FLOOR SHALL NOT EXCEED 1.5 KN/M2. UNLESS OTHERWISE APPROVED BY THE ENGINEER, DEAD LOAD OF THE TOP CONSTRUCTION FLOOR SHALL BE SUPPORTED BY TWO COMPLETED FLOORS DIRECTLY BELOW IT.
- PROPS TO BEAMS AND SLABS AT ANY FLOORS SHALL NOT BE REMOVED UNTIL THE TWO IMMEDIATE FLOORS ABOVE THAT LEVEL ARE CAPABLE OF SUPPORTING THEMSELVES AS WELL AS ANY LOADS IMPOSED DURING CONSTRUCTION. CONSIDERATIONS GOVERNING REMOVAL OF PROPS INCLUDE BUT ARE NOT LIMITED TO THE ATTAINMENT OF 28-DAY STRENGTH FOR THE CONCRETE, DESIGN LOAD CAPACITY OF THE FLOOR UNDER REVIEW AND THE COMPLETION OF PRESTRESSING AND GROUTING OPERATIONS IN THE CASE OF A PRESTRESSED STRUCTURAL FLOOR SYSTEM.

- PROPS SHALL BE LEFT IN PLACE FOR SUPPORTING THE CONSTRUCTION LOADS APPROVED BY THE ENGINEER.
- NO ALLOWANCE HAS BEEN MADE IN THE DESIGN OF THE PERIMETER BEAMS/WALLS FOR THE SUPPORT OF TEMPORARY SCAFFOLDINGS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER TO DESIGN AND STRENGTHEN THE BEAMS/WALLS.
- THE CONTRACTER SHALL ENGAGE HIS OWN PROFESSIONAL ENGINEER CHECK THE ADEQUACY OF SHORING DETAIL PROVIDED PROCEEDING THE WORK, AS SHORING WAS DESIGNED, CONSIDERING THE STATUS OF THE BUILDING AT THE TIME OF DESIGN.

### 11.0 CONCRETE COVER

- MINIMUM COVER TO OUTERMOST REINFORCEMENT INCLUDING LINKS SHALL BE AS FOLLOWS.

STRUCTURAL ELEMENT	COVER (mm)
RAFT BEAM & SLAB (EARTH FACE)	60
RAFT BEAM & SLAB (INTERNAL FACE)	60
COLUMN	40
BEAM	35
BEAM (EXTERNAL FACE)	40
SLAB	30
INTERNAL WALL	30
EXTERNAL WALL	40

- NOTE: EARTH FACE COVER OF BEAMS, COLUMNS & WALLS SHOULD BE 50mm

### 12.0 MATERIAL STRENGTHS

#### 12.1 CONCRETE

- UNLESS OTHERWISE STATED, ORDINARY PORTLAND CEMENT CONFORMING TO BS 12, TO BE USED FOR ALL THE RC STRUCTURAL ELEMENTS.
- THE MINIMUM 28-DAY COMPRESSIVE CUBE STRENGTH OF CONCRETE FOR SPECIFIED STRUCTURAL ELEMENTS SHALL BE AS FOLLOWS UNLESS OTHERWISE STATED:

MAIN BUILDING	
LEAN CONCRETE	15 N/mm2
MASS CONCRETE	30 N/mm2
COLUMN, BEAM AND SLAB	30 N/mm2
EXTERNAL WORK	
PAVEMENTS	30 N/mm2
ALL OTHERS (CULVERT, DRAINS, MANHOLE, ETC)	30 N/mm2
FOUNDATION	
PILECAP, FOOTING, RAFT TIE-BEAM, CAPPING BEAM	30 N/mm2

- CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS 12.



RIYAN PRIVATE LIMITED

t : +9603315049 f : +9603310776  
e : info@riyan.com.mv  
w : www.riyan.com.mv  
3rd floor, H. Azumi, Armeeniemagui, Male'

Title: General Notes

Page:S-00A/12

Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number: R/2020/006	Rev no	Date
Date: March 2021	--	-----
Architect : Mariyam Irasha Shareef	--	-----
Engineer : Mohamed Muththalib Waleed	--	-----
Drawn by : Mariyam Leevan Jaleel	--	-----
Services : Alishath Ahmed	--	-----
Interior : -	--	-----

12.2 REINFORCEMENT

- UNLESS OTHERWISE STATED, BAR SIZE 10MM DIAMETER OR LARGER SHALL BE HIGH TENSILE TYPE II DEFORMED BARS. THE MINIMUM YIELD STRENGTH OF STEEL BAR REINFORCEMENT SHALL BE AS FOLLOWS:

MILD STEEL PLAIN BAR	250 N/mm2
HIGH TENSILE TYPE II DEFORMED BAR	415 N/mm2

12.25 REINFORCEMENT ANCHORAGE OR LAPPING IS AS FOLLOWS U.N.O.

	BAR GRADE 415
TENSION	45Ø
COMPRESSION	45Ø

Ø IS DIAMETER OF THE SMALLER SIZED LAPPED BAR.

- NO SPLICE SHALL BE MADE AT POINT OF MAXIMUM STRESS,EG IN BEAMS AND SLABS, THERE SHALL BE NO SPLICING OF TOP BARS OVER SUPPORTS NOR BOTTOM BARS AT MID-SPANS. SPLICES SHALL BE STAGGERED WHEREVER POSSIBLE. LAP LENGTH FOR UNEQUAL SIZE BARS (OR WIRES IN FABRIC) MAY BE BASED UPON THE SMALLER BAR. FOR BUNDLED BARS, THE EQUIVALENT DIAMETER SHALL BE USED. CRANKING OF BARS SHALL NOT EXCEED A SLOPE OF 1:10.
- FOR LAP LENGTH, WHERE SYMBOLS ARE NOT INDICATED, THE TENSION LAP LENGTH SHALL BE FOLLOWED.

13.0 STIRRUPS, LINKS AND TIES

- ALL STIRRUPS, LINKS AND TIES IN BEAMS, COLUMNS AND WALLS RESPECTIVELY SHALL TERMINATE NOT MORE THAN 75mm FROM THE FACE OF ANY ADJACENT STRUCTURAL MEMBERS.

14.0 SLAB DISTRIBUTION BARS

- REGARDLESS OF WHETHER OR NOT SHOWN ON PLAN, ALL DISTRIBUTION BARS FOR SLAB SHALL COMPRISE TYPICALLY ONE OF THE FOLLOWING COMBINATIONS, UNLESS OTHERWISE STATED IN THE RELEVANT DRAWINGS :

SLAB THICKNESS (mm)	MIN. DISTRIBUTION BAR
250 OR LESS	T10-300
GREATER THAN 250 BUT LESS THAN OR EQUAL TO 300	T10-200
GREATER THAN 300 BUT LESS THAN OR EQUAL TO 400	T10-150

15.0 FLOOR RENDERING

- THICKNESS OF SCREED RENDERING/MASS CONCRETE TOPPING EXCEEDING 60 OR MORE SHALL BE REINFORCED WITH ONE LAYER OF R6.

16.0 SHRINKAGE CRACKS

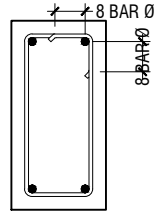
- THE SURFACE OF CONCRETE SHALL BE ADEQUATELY AND CONTINUOUSLY CURED TO SPECIFICATION TO PREVENT FORMATION OF SHRINKAGE CRACKS.THOUGH SHRINKAGE CRACKS HAVE NO EFFECT ON THE STRENGTH AND INTEGRITY OF THE STRUCTURE,THEY SHOULD BE SEALED BY EPOXY PRESSURE GROUTING. ALL COST INCURRED FOR THE NECESSARY SEALING UP OF SHRINKAGE CRACKS BY EPOXY PRESSURE GROUTING SHALL BE DEEMED TO BE INCLUDED IN THE CONCRETE WORK AS TENDERED.

17.0 STEEL BAR CORROSION PROTECTION

- ALL EXPOSED BARS FOR FUTURE CONSTRUCTION PURPOSES (EXCEEDING 3 MONTHS) MUST BE COATED WITH MASTER EMACO 8100 AP OR APPROVED EQUIVALENT AND PROVIDED WITH ADEQUATE MAINTENANCE.

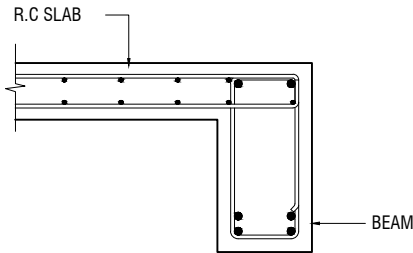
18.0 SPACER BARS

- ALL SPACER BARS BETWEEN 2 OR MORE LAYERS OF REINFORCEMENT SHALL T25 OR BAR DIAMETER (WHICHEVER IS GREATER) AT ±1-5M C/C.

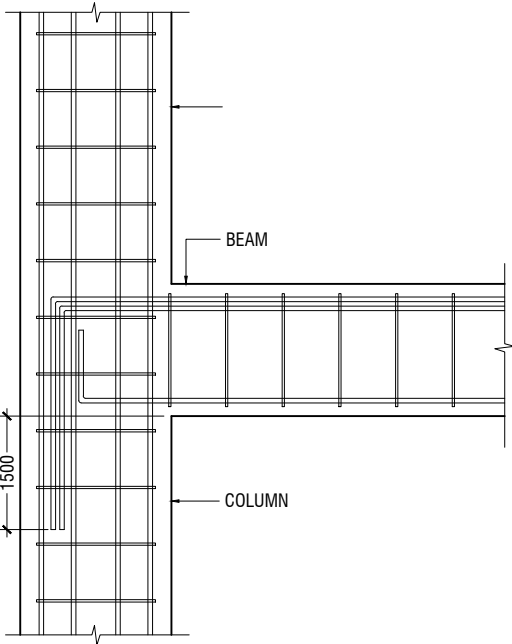


Ø = DIA OF LINK

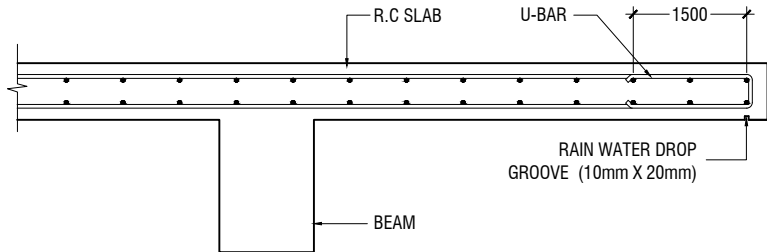
SHEAR LINKS ANCHORAGE DETAIL



SLAB-BEAM ANCHORAGE DETAIL



BEAM TO COLUMN CONNECTION



CANTILEVERED SLAB EDGE DETAIL

Th.Omadhoo School Hall  
Client: Ministry of Education

Rev no	Date
--	-----
--	-----
--	-----
--	-----
--	-----

Project Number: RI/2020/006  
Date: March 2021  
Architect : Maryam Irasha Shareef  
Engineer : Mohamed Muthalib Waleed  
Drawn by : Maryam Leevan Jaleel  
Services : Aishath Ahmed  
Interior : -



RYAN PRIVATE LIMITED

t : +9603315049 f : +9603310776  
e : info@ryan.com.mv  
w : www.ryan.com.mv  
3rd floor, H. Azum, Armeenemagui, Male'

Title: General Notes

Page: S-00B/12

The contents of these drawings remain as a property of RYAN Private Limited. Any use other than those expressly stated is a violation of this copyright

19.0 STRUCTURAL TIMBER SPECIFICATION

19.1 THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETED STRUCTURE, AND ARE NOT INTENDED TO INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, AND FOR JOB SAFETY.

19.2 THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

19.3 ALL CONSTRUCTION IS IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL WORK IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.

19.4 ALL TIMBER FOR STRUCTURAL USE SHALL BE HARDWOOD OR SOFTWOOD OF VISUAL GRADE C/D IN ACCORDANCE WITH BS 5756 WITH THE FOLLOWING MINIMUM GRADE STRESSES:

19.5 CONNECTIONS  
PLATES - STAINLESS STEEL GRADE 316 OF STATED THICKNESS  
BOLTS - SS GRADE 316

19.6 TIMBER TREATMENT  
MOISTURE - PRESSURE IMPREGNATION OF CCA  
INSECTS - TERMITE TREATMENT FOR TIMBER IN / NEAR GROUND

20.0 STRUCTURAL STEEL SPECIFICATION

1. SEE 21.0 ON PRIMARY CODES AND SPECIFICATIONS.

2. MATERIALS:

W-SHAPES & WT-SHAPES..... ASTM A992  
S-SHAPES, M-SHAPES, HP-SHAPES..... ASTM A36  
ST-SHAPES & MT-SHAPES..... ASTM A36  
C-SHAPES & MC-SHAPES..... ASTM A36  
ANGLES & PLATES..... ASTM A36  
HSS SHAPES..... ASTM A500, GRADE B  
STEEL PIPE..... ASTM A53 (TYPE E OR S), GRADE B  
HIGH STRENGTH BOLTS..... ASTM A325  
MACHINE BOLTS..... ASTM A307  
ANCHOR RODS.....ASTM F1554, GRADE 55 TYPE S1(UNO)  
WELDED HEADED STUDS..... ASTM A108  
DEFORMED BAR ANCHORS..... ASTM A496  
WELDING ELECTRODES..... AWS D1.1, E70 SERIES

3. NON-SHRINK, NON-METALLIC GROUT WITH A 28 DAY STRENGTH OF 35MPa SHALL BE USED UNDER BASE PLATES AND SHALL CONFORM TO BS EN 12390-3 AND EN 196-1. MASTERFLOW 542 OR EQUIVALENT MAYBE USED.

23.0 POST-INSTALLED ANCHORS

1. POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE DRAWINGS. CONTRACTOR SHALL OBTAIN APPROVAL FROM ENGINEER OF RECORD (EOR) PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSINGS OR MISPLACED ANCHORS.

2. CARE SHALL BE GIVEN TO AVOID CONFLICTS WITH EXISTING REINFORCING WHEN DRILLING HOLES. HOLES SHALL BE DRILLED AND CLEANED PER THE MANUFACTURER'S INSTRUCTIONS. ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AT NOT LESS THAN MINIMUM EDGE DISTANCES AND/OR SPACINGS INDICATED IN THE MANUFACTURER'S LITERATURE.

3. SPECIAL INSPECTION SHALL BE PROVIDED FOR ALL ADHESIVE AND MECHANICAL ANCHOR INSTALLATIONS AS REQUIRED BY THE EOR. INDEPENDENT ON-SITE PROOF LOAD TESTING SHALL BE PERFORMED AS REQUIRED BY THE EOR. CONTACT EOR FOR NUMBER OF ANCHORS REQUIRED TO BE TESTED AND REQUIRED PROOF LOAD MAGNITUDE.



RYAN PRIVATE LIMITED

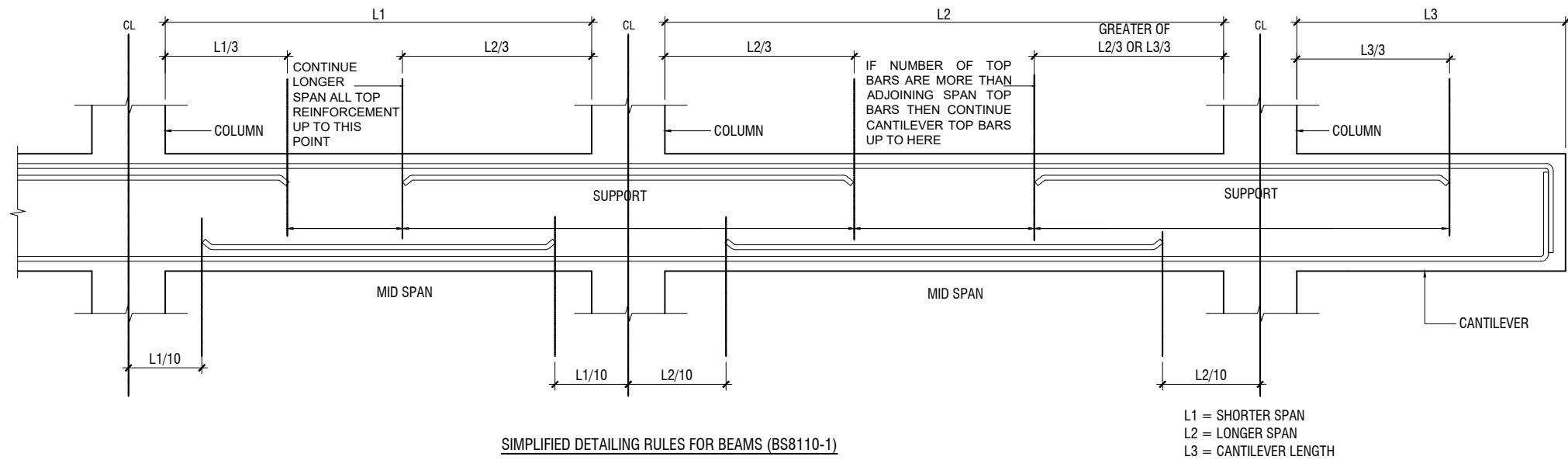
t : +9603315049 f : +9603310776  
e : info@ryan.com.mv  
w : www.ryan.com.mv  
3rd floor, H. Azumi, Armeenemaguu, Male'

Title: General Notes

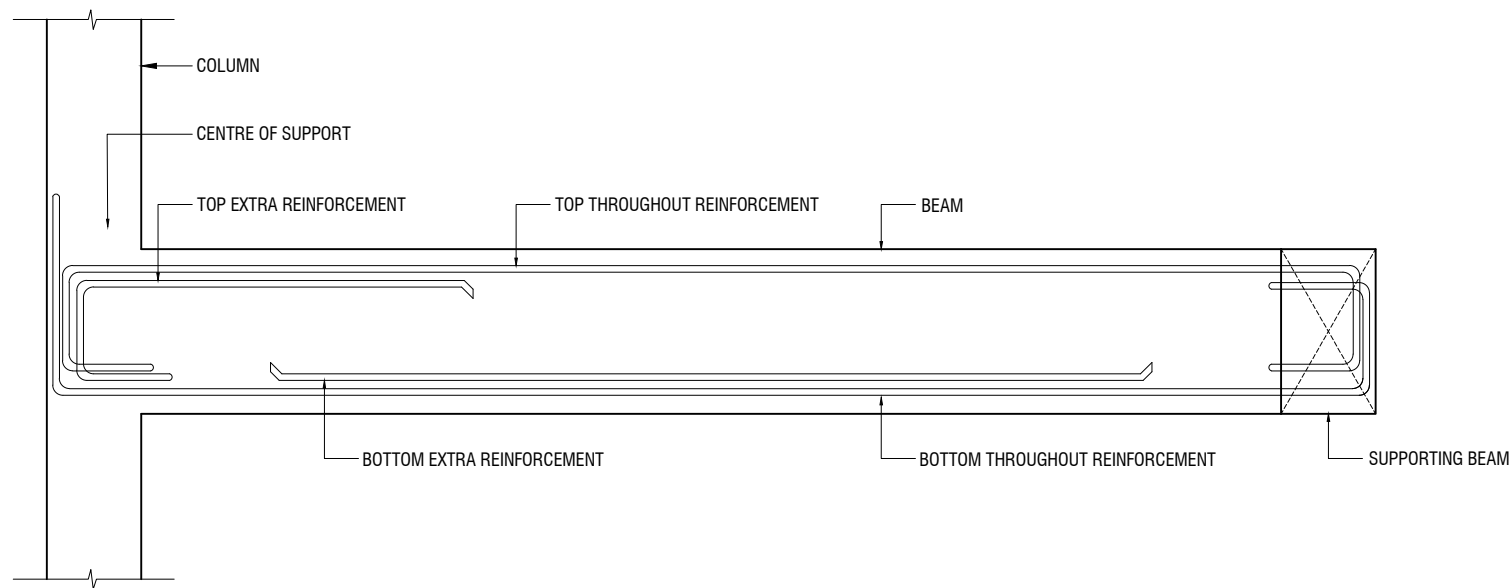
Page:S-00C/12

Th.Omadhoo School Hall  
Client: Ministry of Education

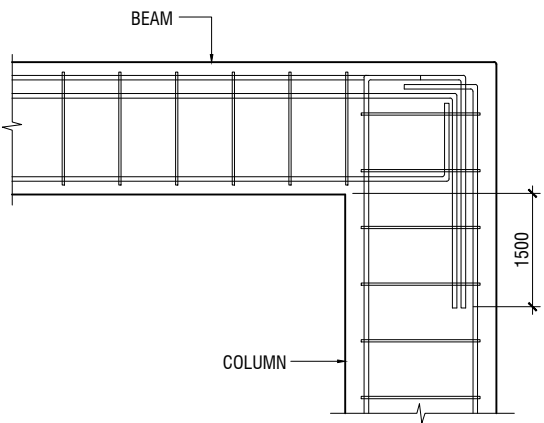
Project Number: RI/2020/006	Rev no	Date
Date: March 2021	--	-----
Architect : Maryam Irasha Shareef	--	-----
Engineer : Mohamed Muththalib Waleed	--	-----
Drawn by : Maryam Leevan Jaleel	--	-----
Services : Alishath Ahmed	--	-----
Interior : -	--	-----



SIMPLIFIED DETAILING RULES FOR BEAMS (BS8110-1)



LONGITUDINAL SECTION OF TYPICAL SLAB BEAM SPANNING BETWEEN A COLUMN AND BEAM  
SHOWING END SPAN MID SPAN REINFORCEMENT DETAILS

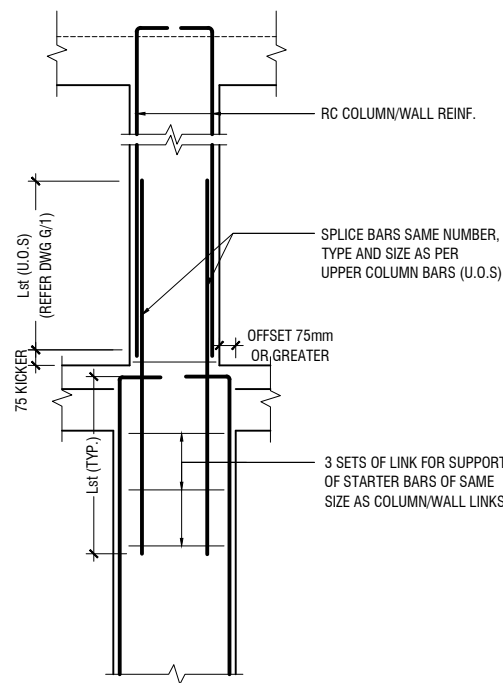


END COLUMN TO BEAM CONNECTION

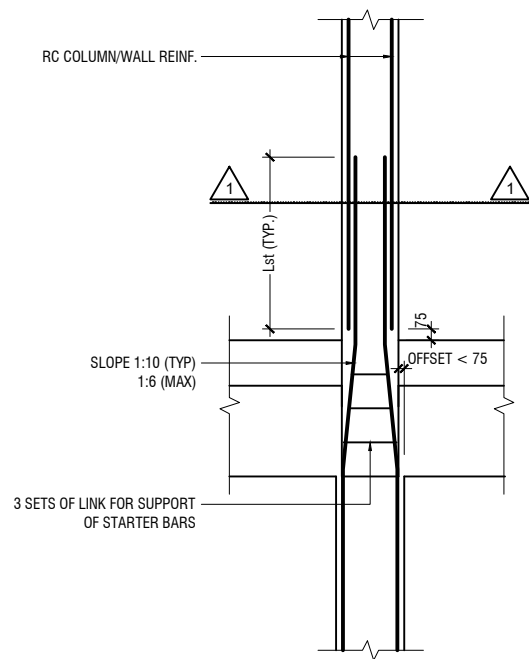
NOTE:  
STANDARD DETAILS GIVEN HERE ALSO APPLIES TO FOUNDATION MEMBERS  
OTHER DETAILS NOT FOUND HERE SHALL BE REFEREED TO IN RELEVANT BS  
CODES OR SHALL BE APPROVED BY CLIENT'S ENGINEER

Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number	Rev no	Date
RI/2020/006	--	-----
Date: March 2021	--	-----
Architect : Maryam Irasha Shareef	--	-----
Engineer : Mohamed Muththalib Waleed	--	-----
Drawn by : Maryam Leevan Jaleel	--	-----
Services : Aishath Ahmed	--	-----
Interior : -	--	-----

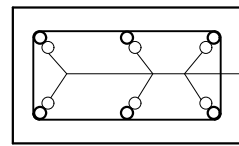


A) FOR COLUMN OFFSET > 75mm  
TO BE VERIFIED BY THE CONSULTING ENGINEER



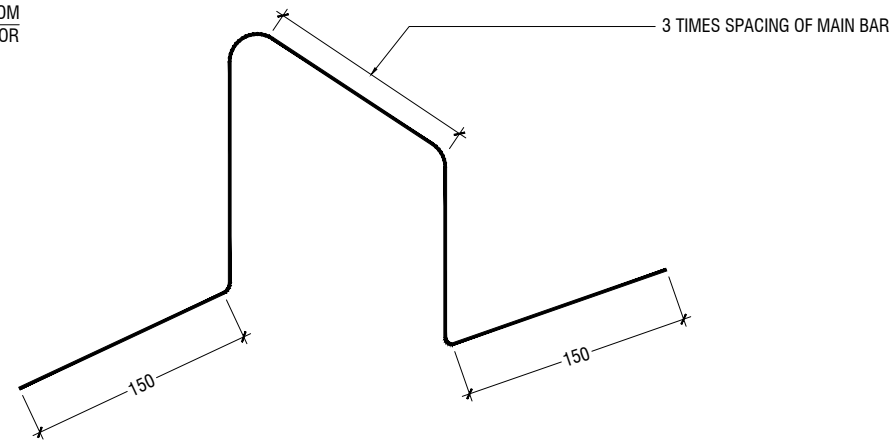
B) FOR COLUMN OFFSET < 75mm

#### COLUMN/WALL REINF. LAPPING DETAIL AT FLOOR LEVEL

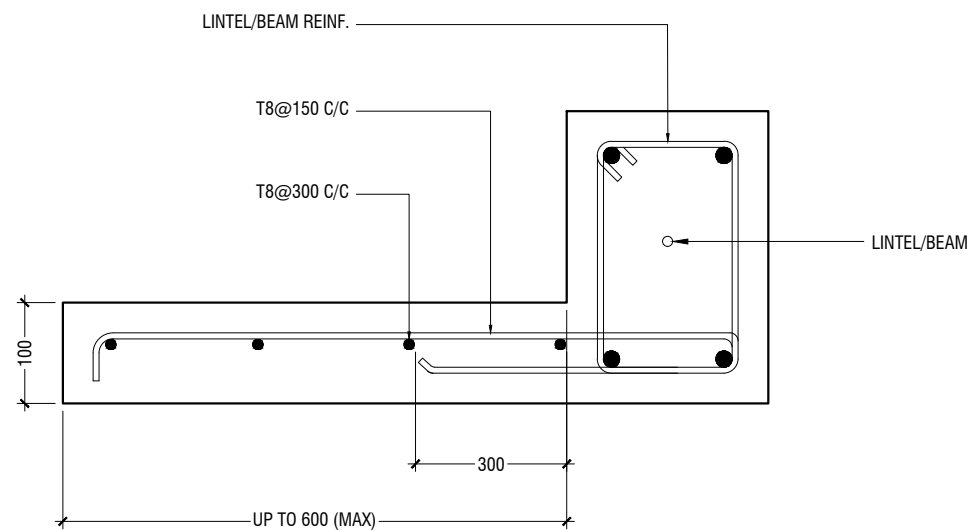


SECTION-1-1

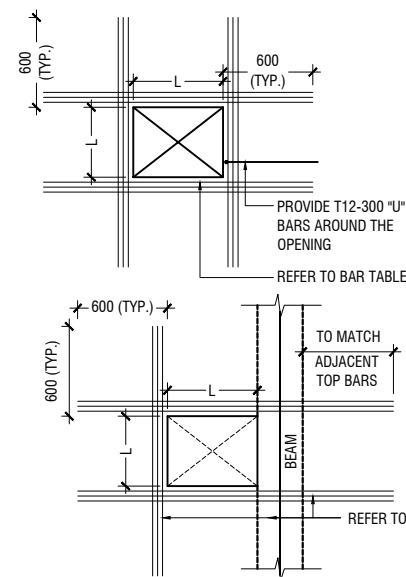
REINF. FROM LOWER FLOOR



#### TYPICAL CHAIR DETAIL



#### TYPICAL CANTILEVER DETAILS



FLOOR OPENING (L)	ADD BARS
LESS THAN 250	3T12 T & B
L = > 250 < 500	3T16 T & B
L = ≥ 500 < 1000	3T16 T & B

#### NOTE:-

- FOR OPENINGS LESS THAN 200x200. SLAB REBARS TO BE ADJUSTED AROUND OPENING.
- FOR OPENINGS GREATER THAN 250x250 TO BE APPROVED BY THE ENGINEER.
- ALL SLAB OPENINGS LOCATION TO BE APPROVED BY THE ENGINEER.
- EQUIVALENT OPENING AREA SHALL APPLY THE DETAILS SHOWN ABOVE.
- EQUIVALENT OPENING AREA SHALL INCLUDE RECTANGLE, TRIANGLE AND ANY POLYGON SHAPE.
- EXCEPT HACKING, NO SLAB CORING ARE ADVISABLE FOR POST-TENSIONED SLAB.

#### TYPICAL TRIMMER BARS DETAILS FOR OPENING IN SLABS

Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number: RI/2020/006	Rev no	Date
Date: March 2021	--	----
Architect : Maryam Irasha Shareef	--	----
Engineer : Mohamed Muththalib Waleed	--	----
Drawn by : Maryam Leevan Jaleel	--	----
Services : Aishath Ahmed	--	----
Interior : -	--	----



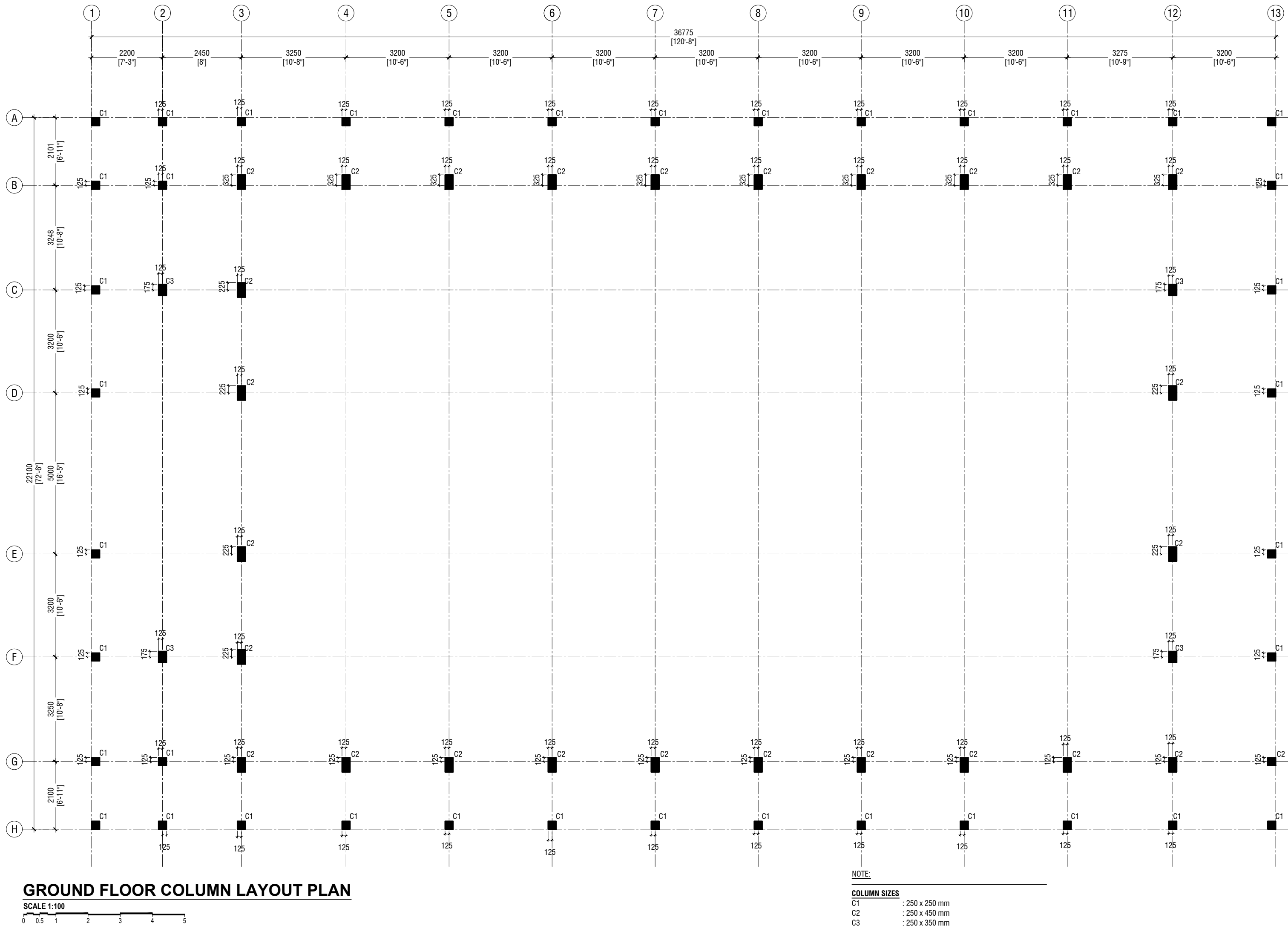
RIYAN PRIVATE LIMITED

t : +9603315049 f : +9603310776  
e : info@riyan.com.mv  
w : www.riyan.com.mv  
3rd floor, H. Azum, Ammeenemagui, Male'

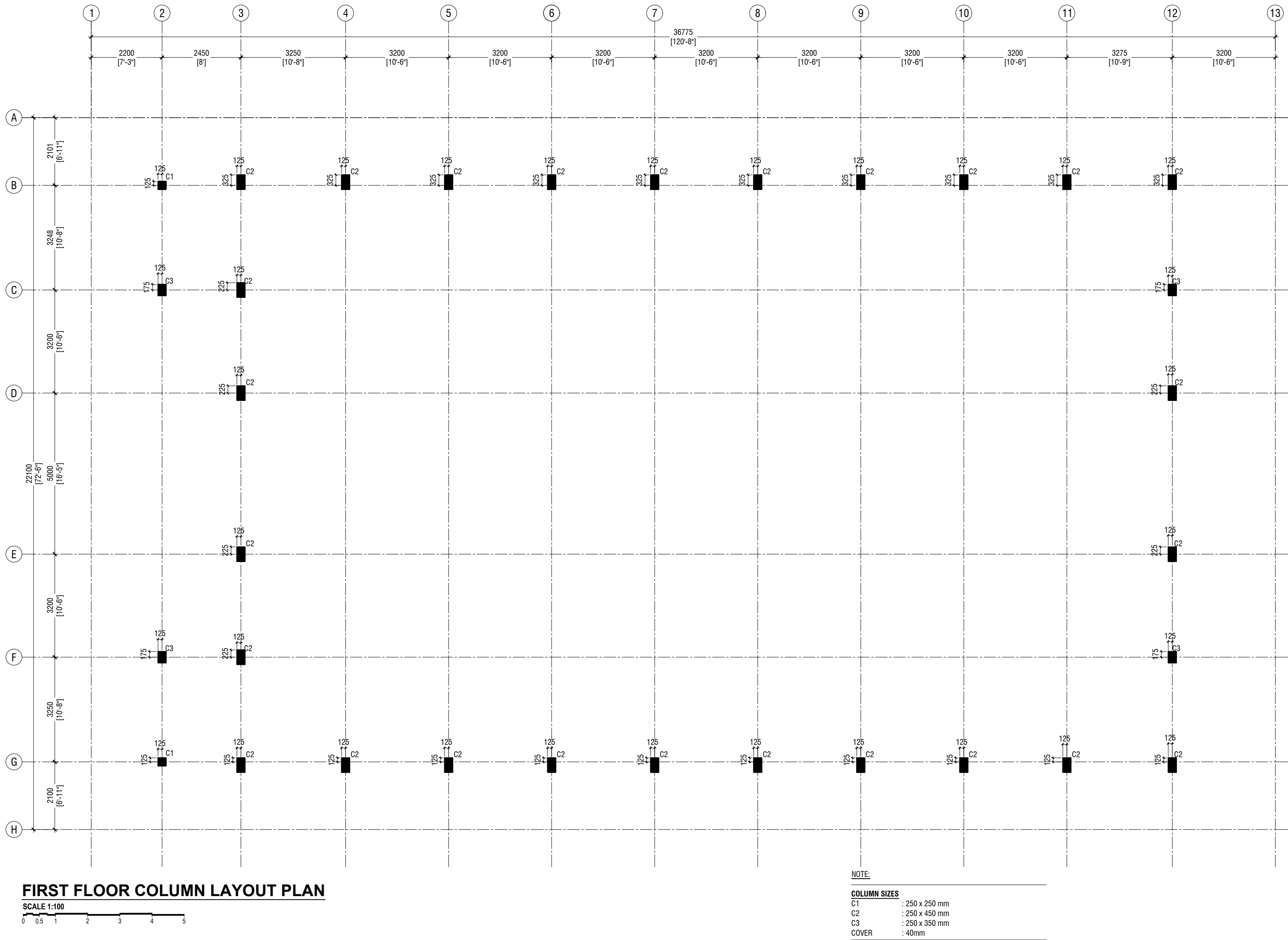
Title: General Notes

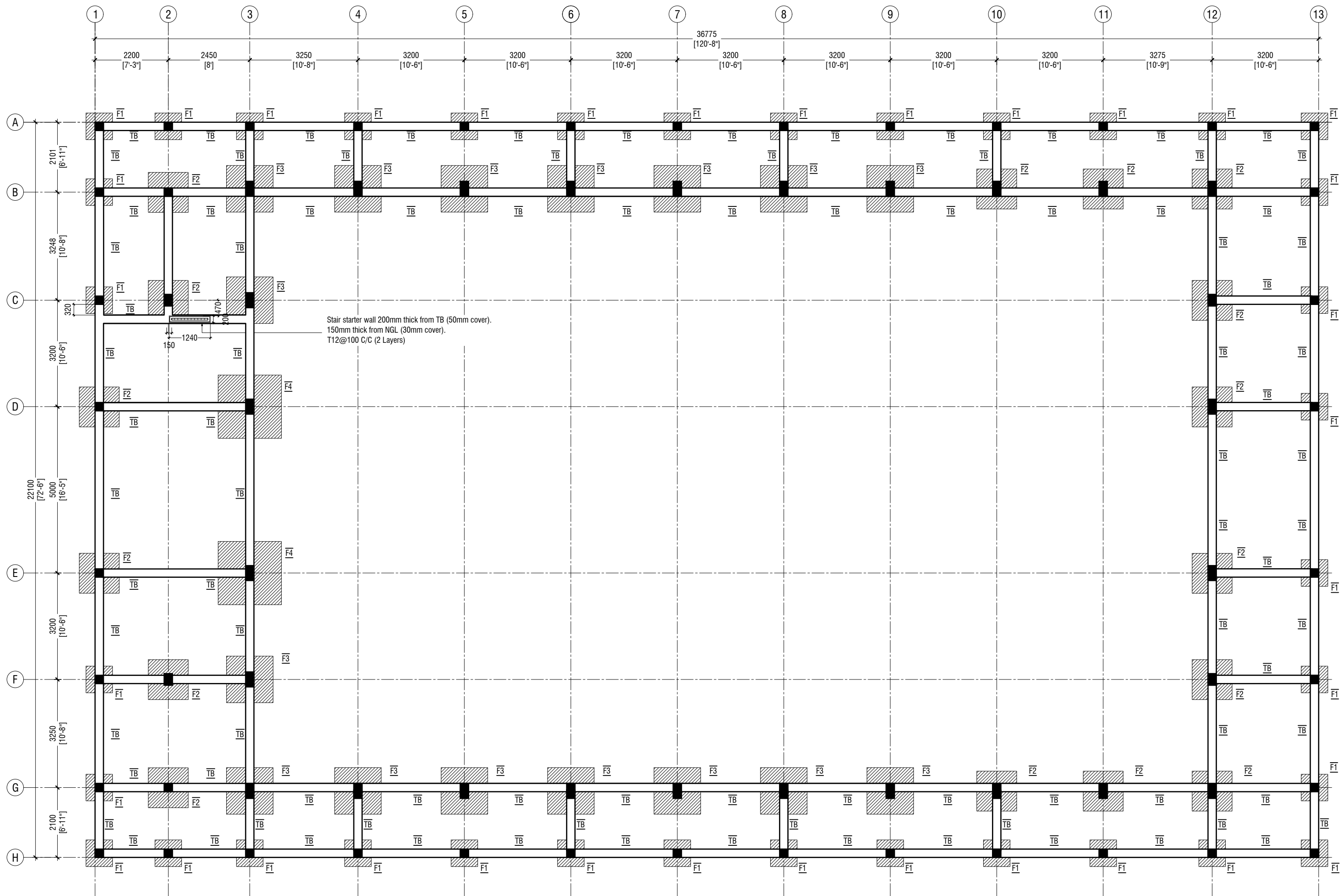
Page: S-00E/12

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright









FOUNDATION PLAN

SCALE 1:100



NOTE:

COLUMN SIZES

C1 : 250 x 250 mm  
C2 : 250 x 450 mm  
C3 : 250 x 350 mm  
COVER : 40mm

FOUNDATION PAD SIZES

	DIMENSION	REINFORCEMENT
F1	800 X 800 X 300	T12@150 C/C B/W
F2	1200 x 1200 x 300	T12@150 C/C B/W
F3	1400 x 1400 x 300	T12@150 C/C B/W
F4	1900 x 1900 x 300	T16@150 C/C B/W

FOUNDATION DEPTH : 1200mm BELOW GROUND LEVEL

ALL FOOTINGS ARE TO BE LAID ON TOP OF 50mm THICK  
LEAN CONCRETE  
APPLY WATER PROOFING TO SUBSTRUCTURE  
(BELOW GROUND ELEMENTS)

TIE BEAM SIZES

TB : 250 x 400 mm  
COVER : 50mm

GROUND SLAB : 100mm THK RC SLAB ON FILL  
REINFORCED WITH T10@200 C/C BW

CONCRETE GRADE 30 = MPa

-150mm THK. SOLID MASONRY BLOCK WALL

RAMP SLAB : 100MM THICK SLAB ON GRADE,  
T10@200 C/C BW

Th.Omadhoo School Hall  
Client: Ministry of Education

Project Number: RI/2022/006  
Date: March 2021  
Architect: Maqayam Iqbal Shareef  
Engineer: Mohamed Muthalib Waleed  
Drawn by: Maqayam Iqbal Shareef  
Checked by: Mohamed Muthalib Waleed  
Interior: -



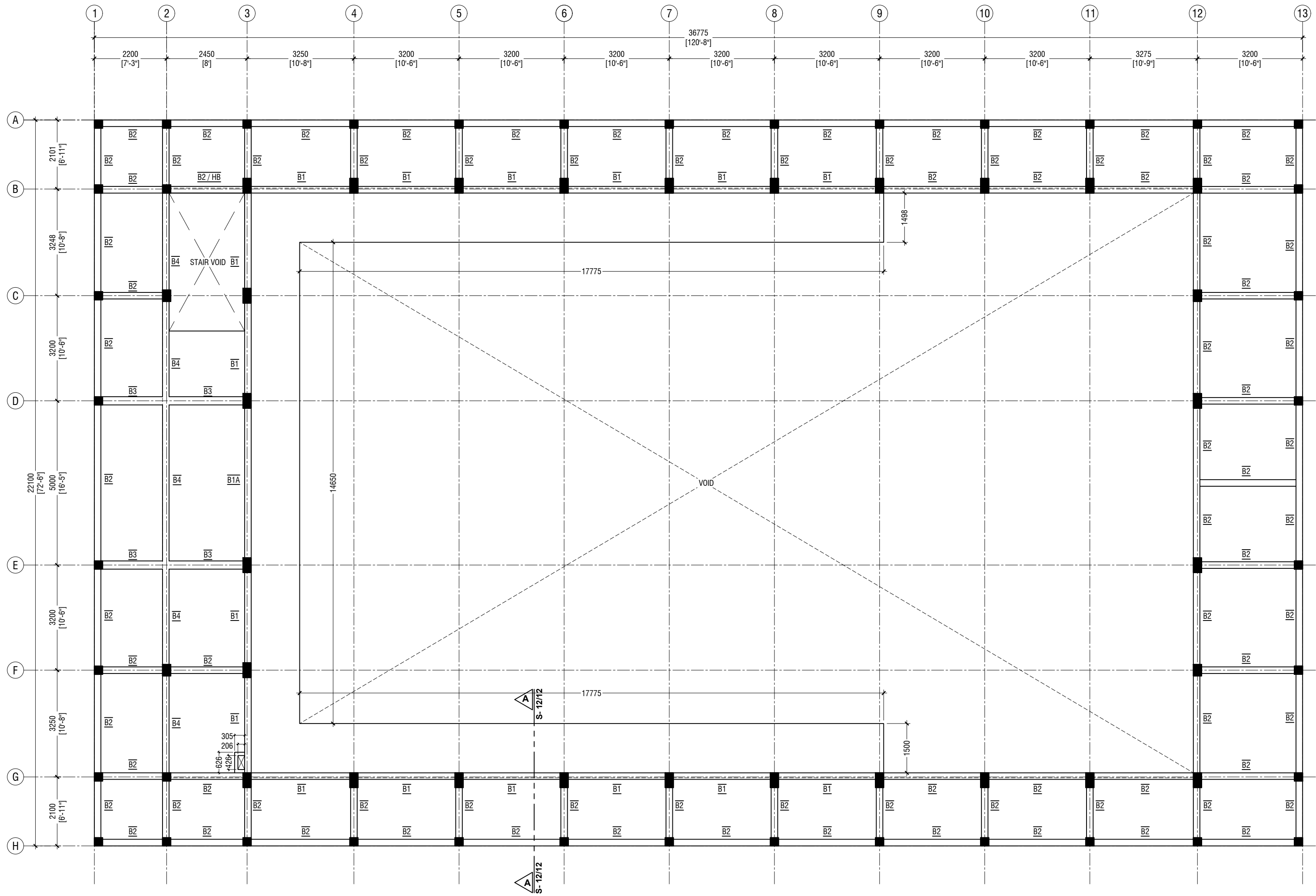
RIYAN PRIVATE LIMITED

T: +963335048 F: +963330276  
E: info@riyan.com.mu  
W: www.riyan.com.mu  
3rd floor, H. Azam, Amman, Amman, Jordan, Muhi

Title: Foundation Plan

Page: S-03/12

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.



**FIRST FLOOR BEAM PLAN**

SCALE 1:100



**NOTE:**

**COLUMN SIZES**

C1 : 250 x 250 mm  
C2 : 250 x 450 mm  
C3 : 250 x 350 mm

COVER : 40mm

**BEAM SIZES**

B1 : 200x450 mm  
B1A : 200x450 mm  
B2 : 200x400 mm  
B3 : 250x450 mm  
B4 : 200x400 mm  
HB : 200x400 mm  
RB1 : 200x300 mm  
RB2 : 200x400 mm (SUPPORT)  
RB3 : 200x300 mm  
COVER : 35mm

CONCRETE GRADE 30 = MPa

Th.Omadhoo School Hall  
Client: Ministry of Education

Rev no	Date
1	10/01/2021
2	10/01/2021
3	10/01/2021
4	10/01/2021
5	10/01/2021



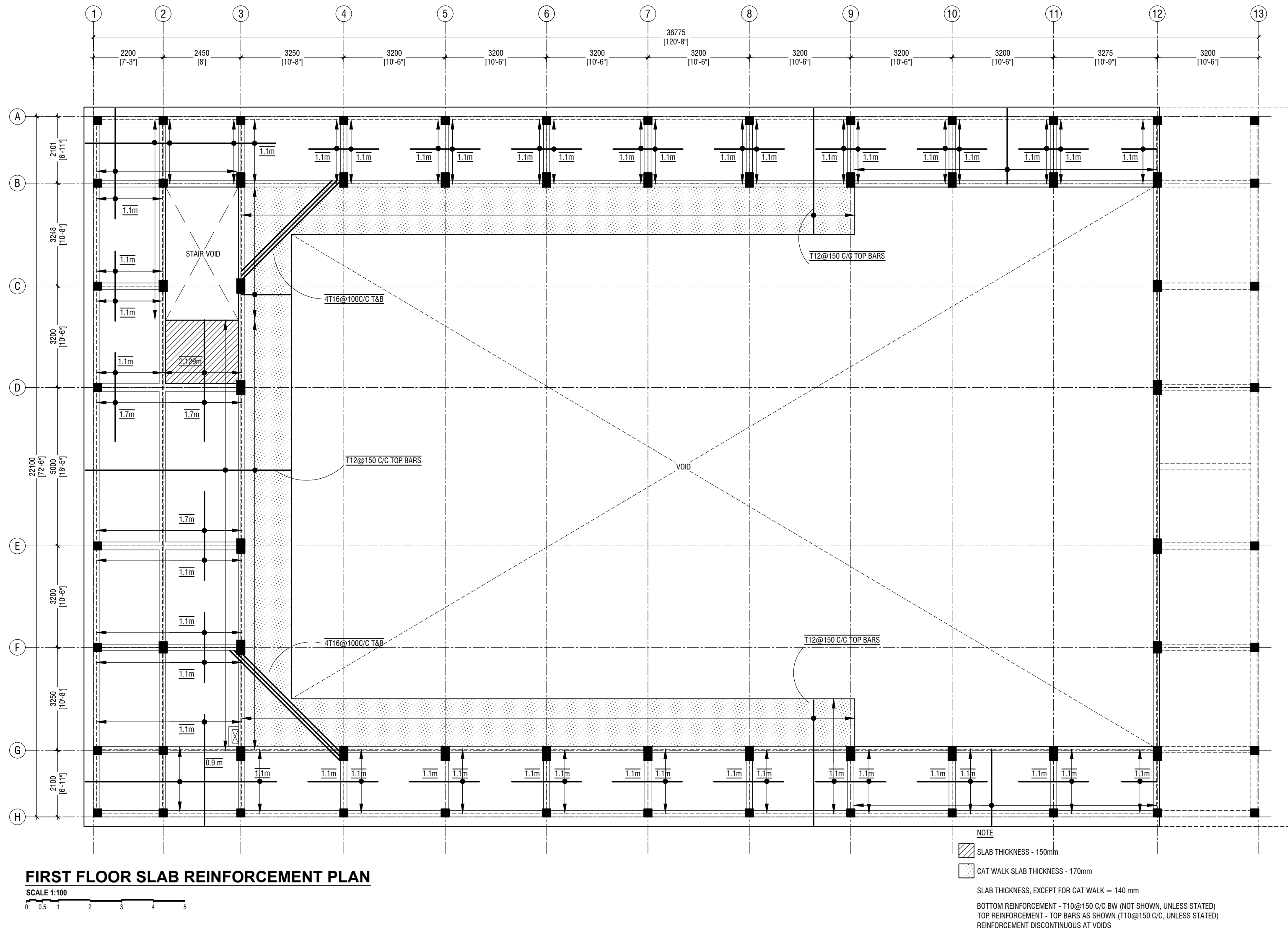
RIYAN PRIVATE LIMITED

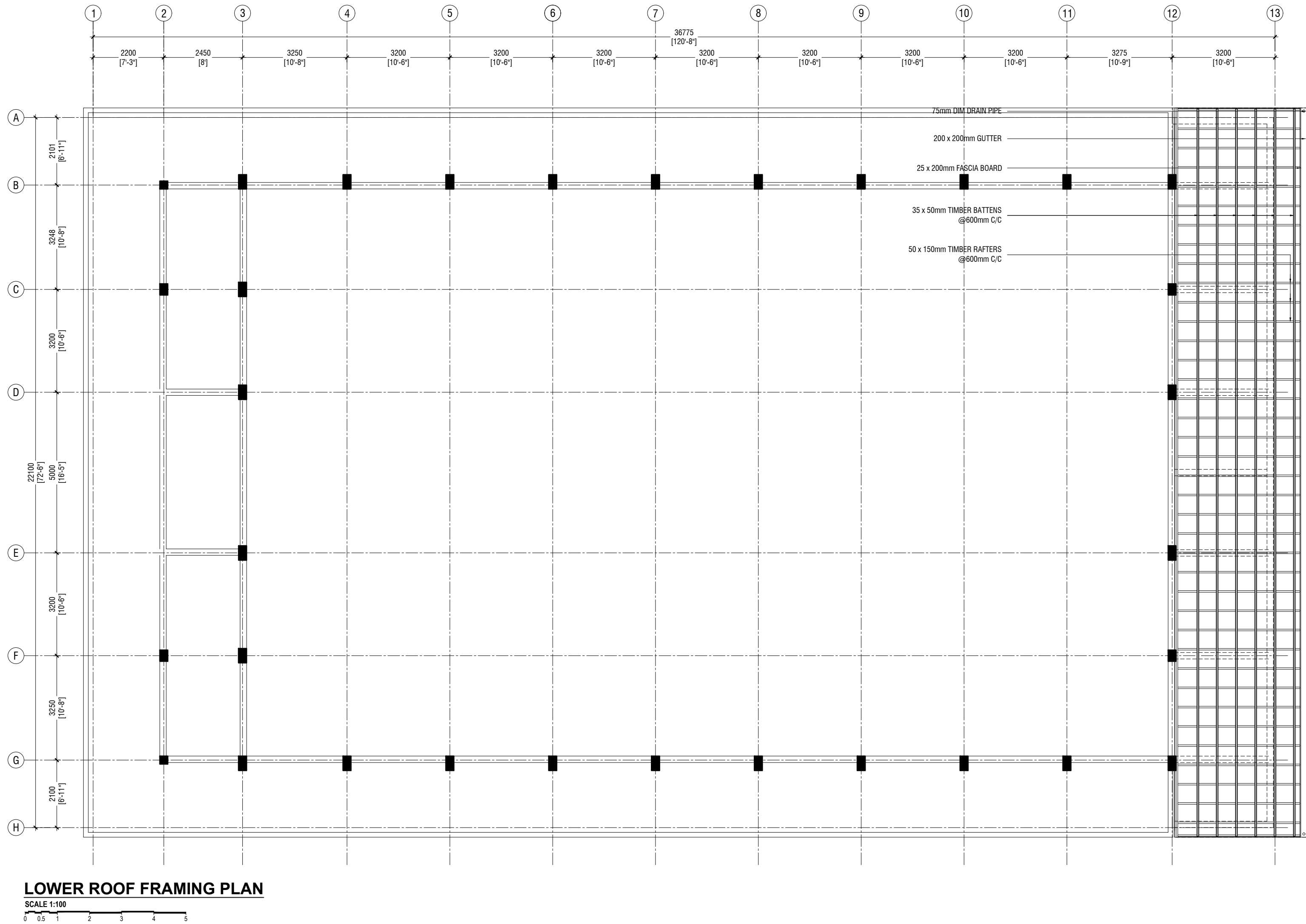
t : +9603370049 f : +9603330776  
e : info@riyan.com.mv  
w : www.riyan.com.mv  
3rd floor, H. Azam, Ammeenemogau, Male'

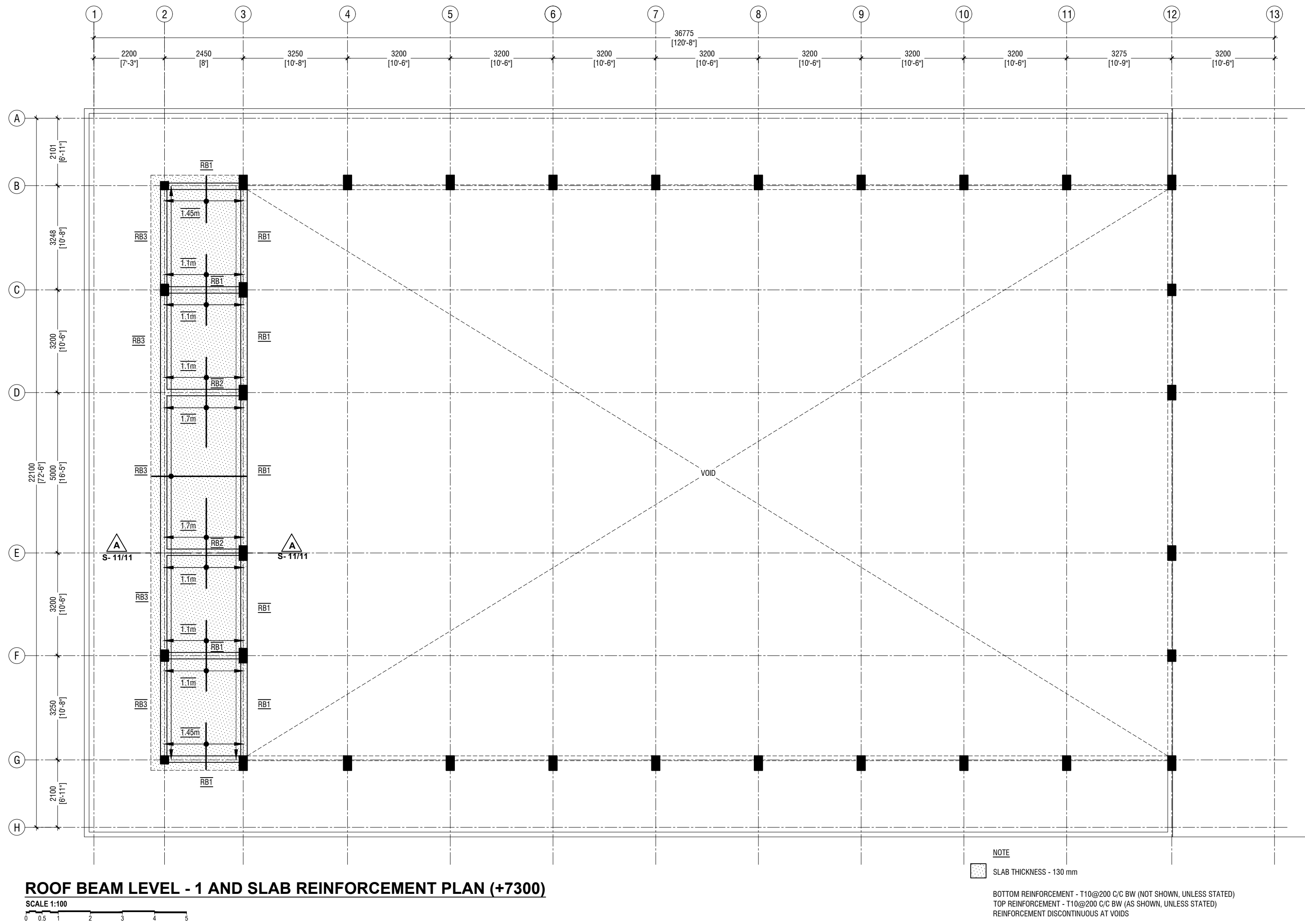
Title: 1st Floor Beam Plan

Page: S-04/12

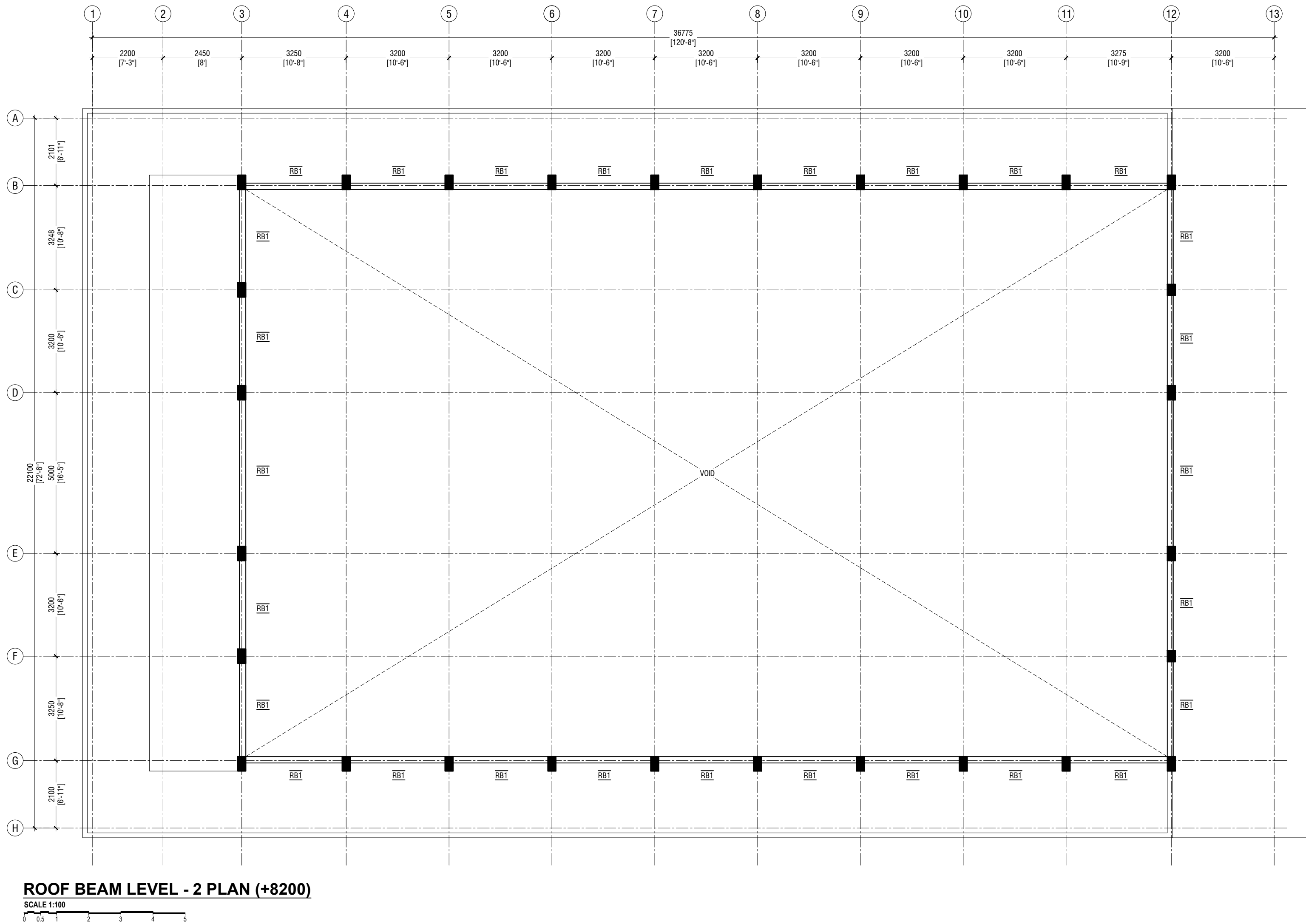
The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright.





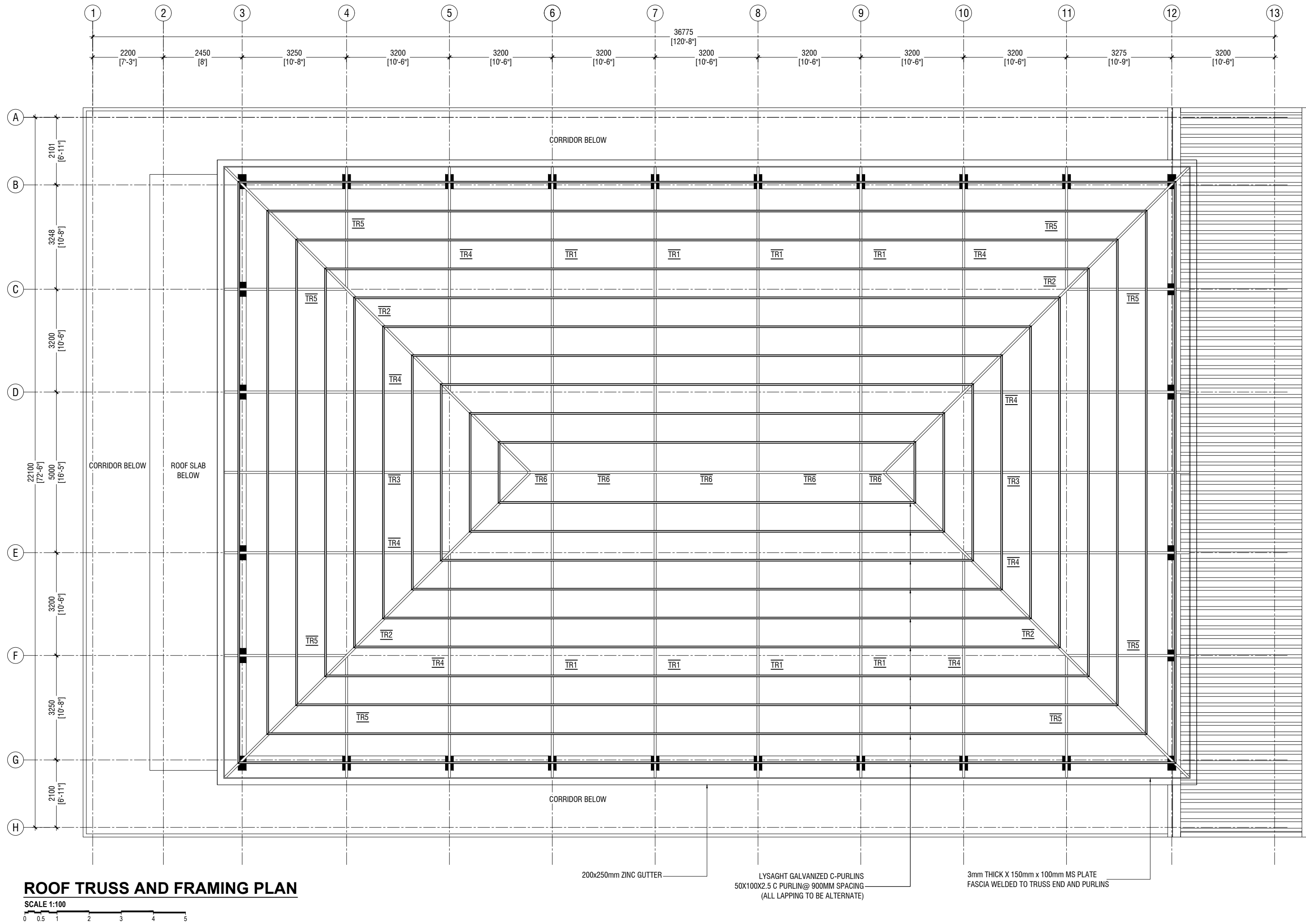


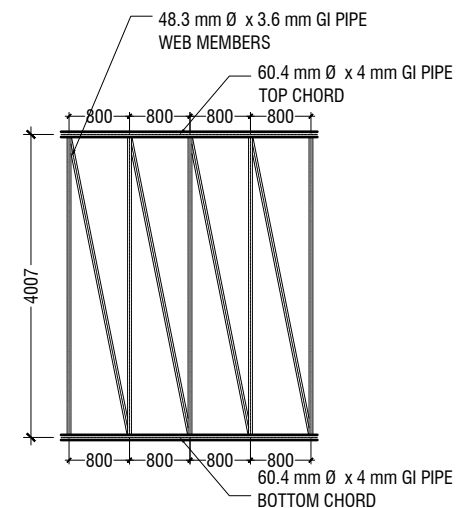
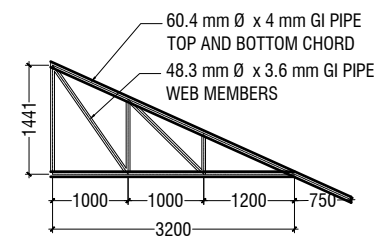
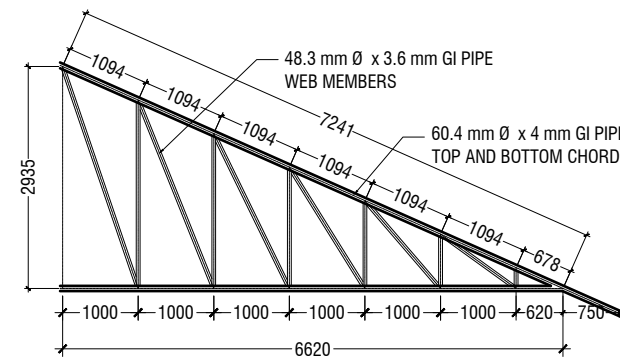
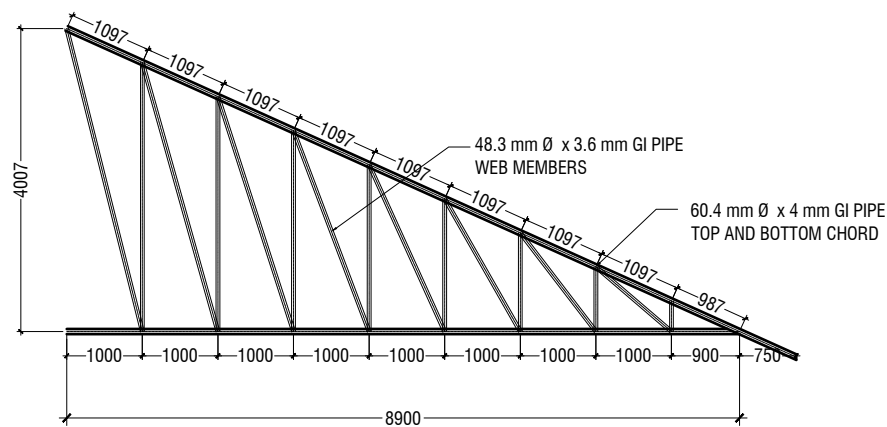
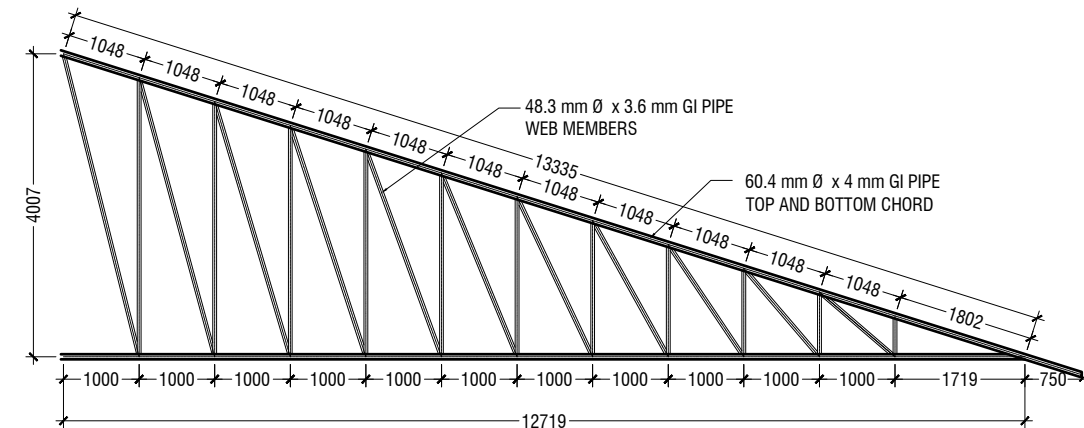
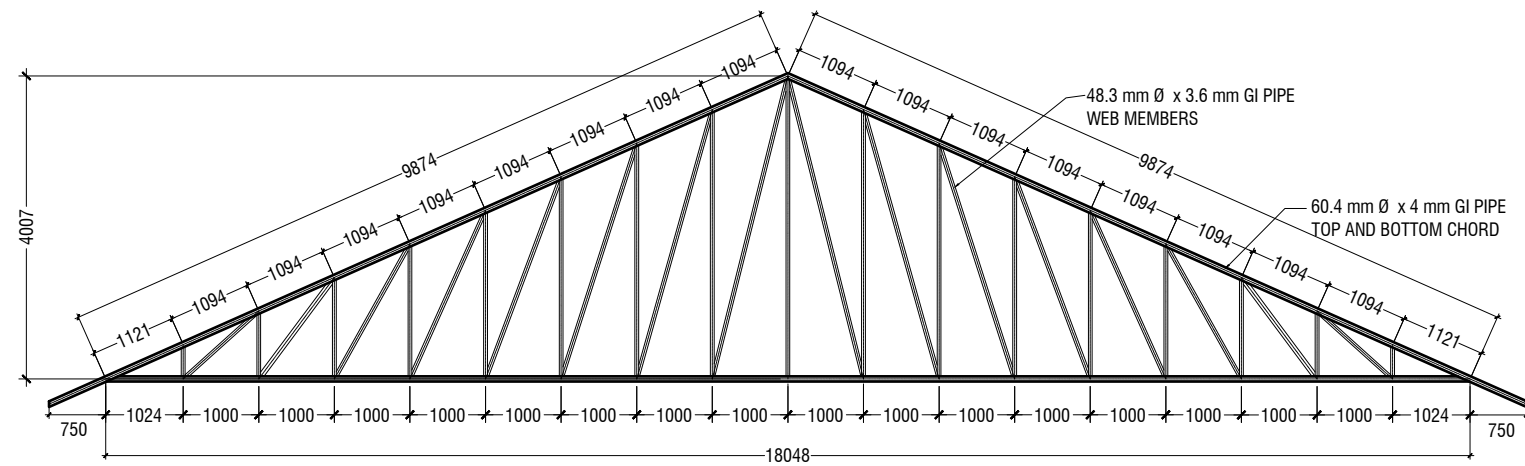




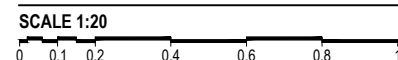
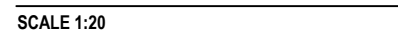
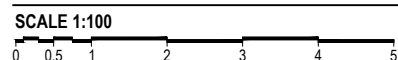
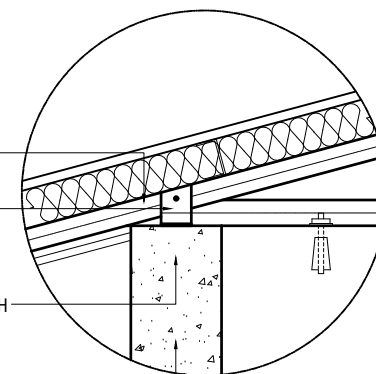
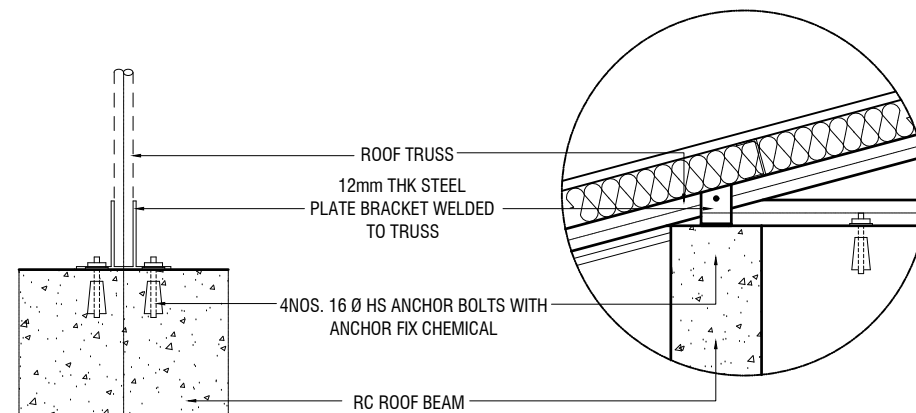
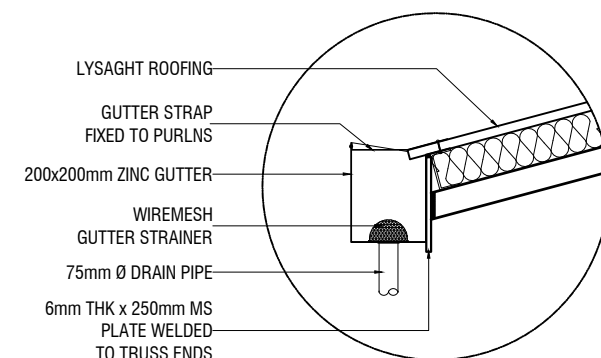
NOTE:

COLUMN SIZES	
C1	: 250 x 250 mm
C2	: 250 x 450 mm
C3	: 250 x 350 mm
COVER	: 40mm
BEAM SIZES	
B1	: 200x450 mm
B1A	: 200x450 mm
B2	: 200x400 mm
B3	: 250x450 mm
B4	: 200x400 mm
RB1	: 200x300 mm
RB2	: 200x400 mm (SUPPORT)
RB3	: 200x300 mm
COVER	: 35mm
CONCRETE GRADE 30 = MPa	





**NOTE**  
**CORROSION PROTECTION: GALVANIZED COATING**  
**THICKNESS SHALL NOT BE LESS THAN 80 MICRONS**  
**ALL FILLET WELDS TO BE 4mm THICK**  
**CONTRACTOR AND CONSULTANT TO CONFIRM ON SITE**  
**TRUSS SPAN AND DIMENSIONS BEFORE FABRICATION**



	DIMENSION	REINFORCEMENT (L x B x D)
F1	800 X 800 X 300	T12@150 C/C B/W
F2	1200 x 1200 x 300	T12@150 C/C B/W
F3	1400 x 1400 x 300	T12@150 C/C B/W
F4	1900 x 1900 x 300	T16@150 C/C B/W

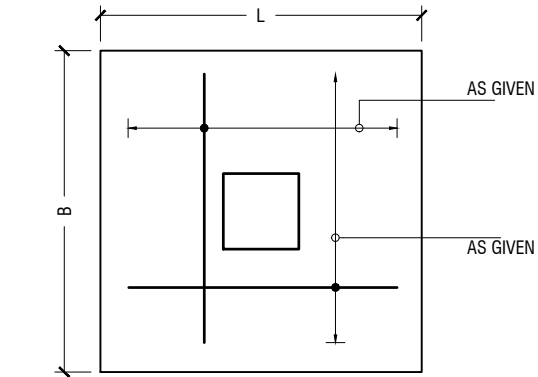
FOUNDATION DEPTH = 1200mm

NOTE:-

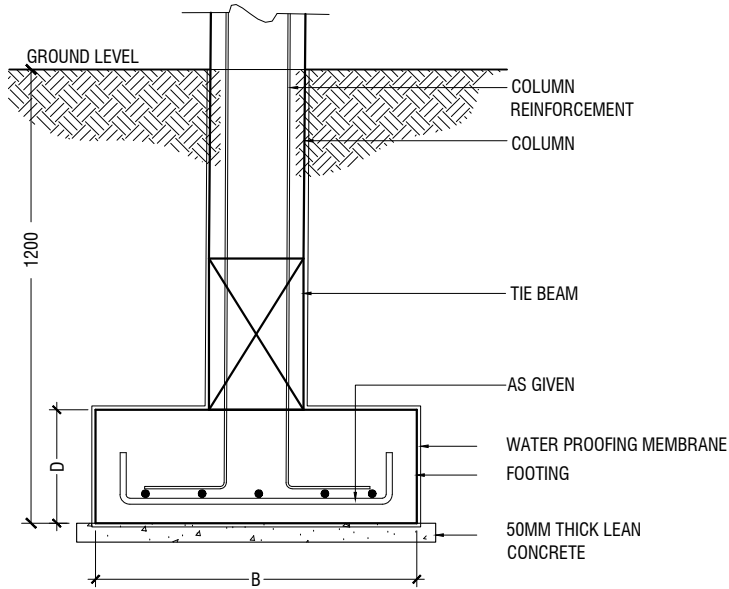
COVER TO FOUNDATION = 50mm  
COVER TO COLUMNS = 40mm  
COVER TO BEAMS = 35mm  
LAPS = Ø OF BAR x 45  
BEAMS @END SUPPORT = Ø OF BAR x 12

CONCRETE GRADE 30= MPa

FOUNDATION PADS



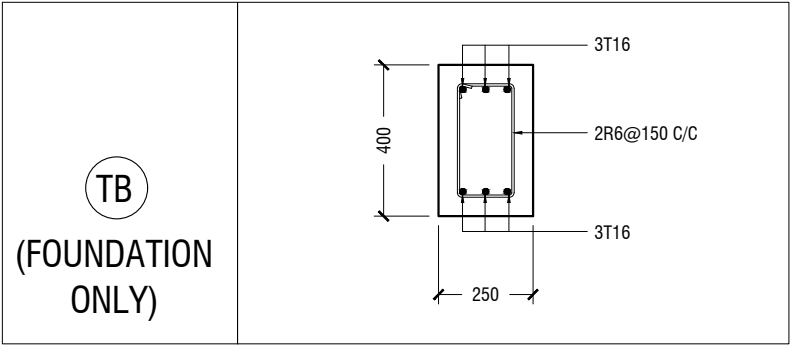
PLAN



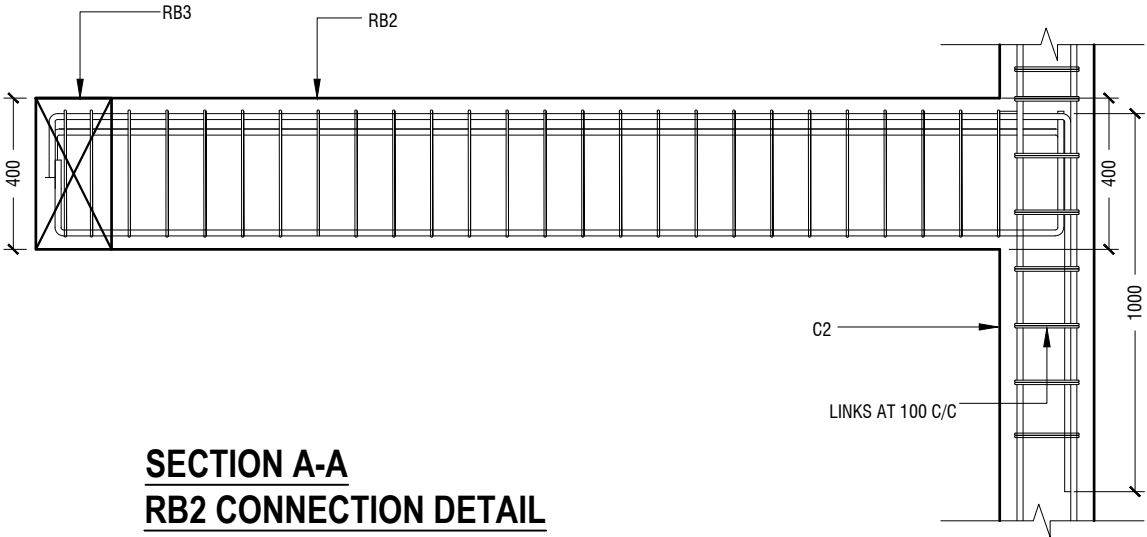
SECTION  
FOOTING DETAILS

STRUCTURAL DETAILS

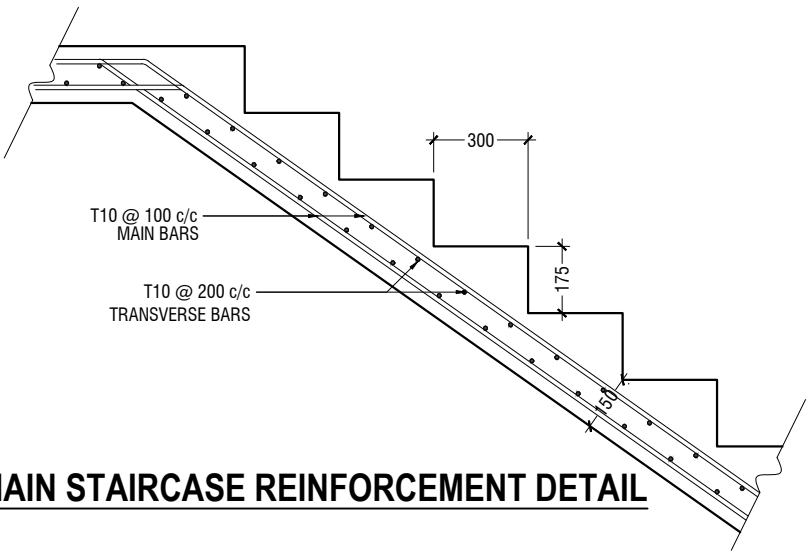
SCALE 1:20



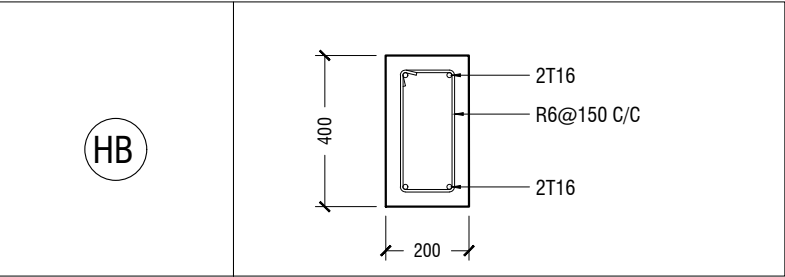
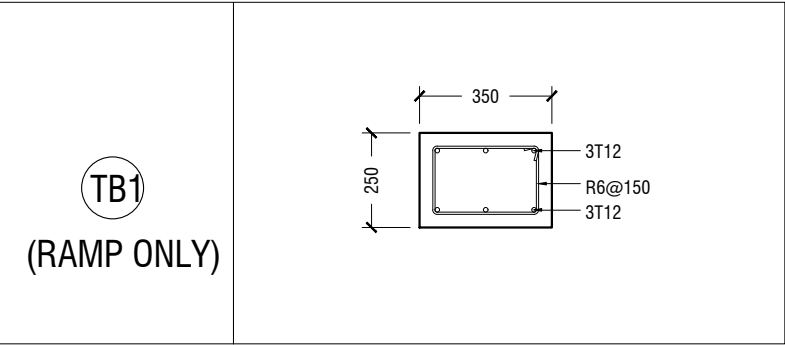
FOUNDATION DETAILS



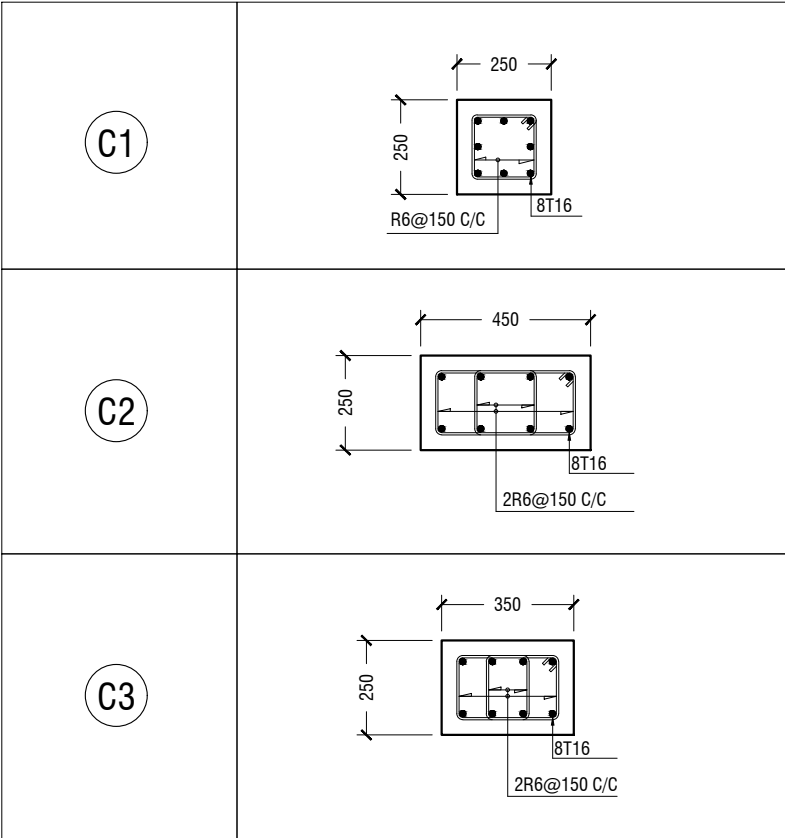
SECTION A-A  
RB2 CONNECTION DETAIL



MAIN STAIRCASE REINFORCEMENT DETAIL



STAIRCASE HALF LANDING BEAM



COLUMN DETAIL

Th.Omadhoo School Hall  
Client: Ministry of Education

Rev no	Date
--	-----
--	-----
--	-----

Project Number: RI/2020/006  
Date: March 2021  
Architect : Mariyam Irasha Shareef  
Engineer : Mohamed Muththalib Waleed  
Drawn by : Mariyam Leevan Jaleel  
Services : Aishath Ahmed  
Interior : -



RIYAN PRIVATE LIMITED

t: +9603315049 f: +9603310776  
e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azum, Ameenemagau, Male'

Title: Structural Details

Page: S-11/12

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright

