

Proposed Multipurpose Hall Building at
Lh.Kurendhoo School

ARCHITECTURAL & STRUCTURAL DRAWINGS

Client: Ministry of Education

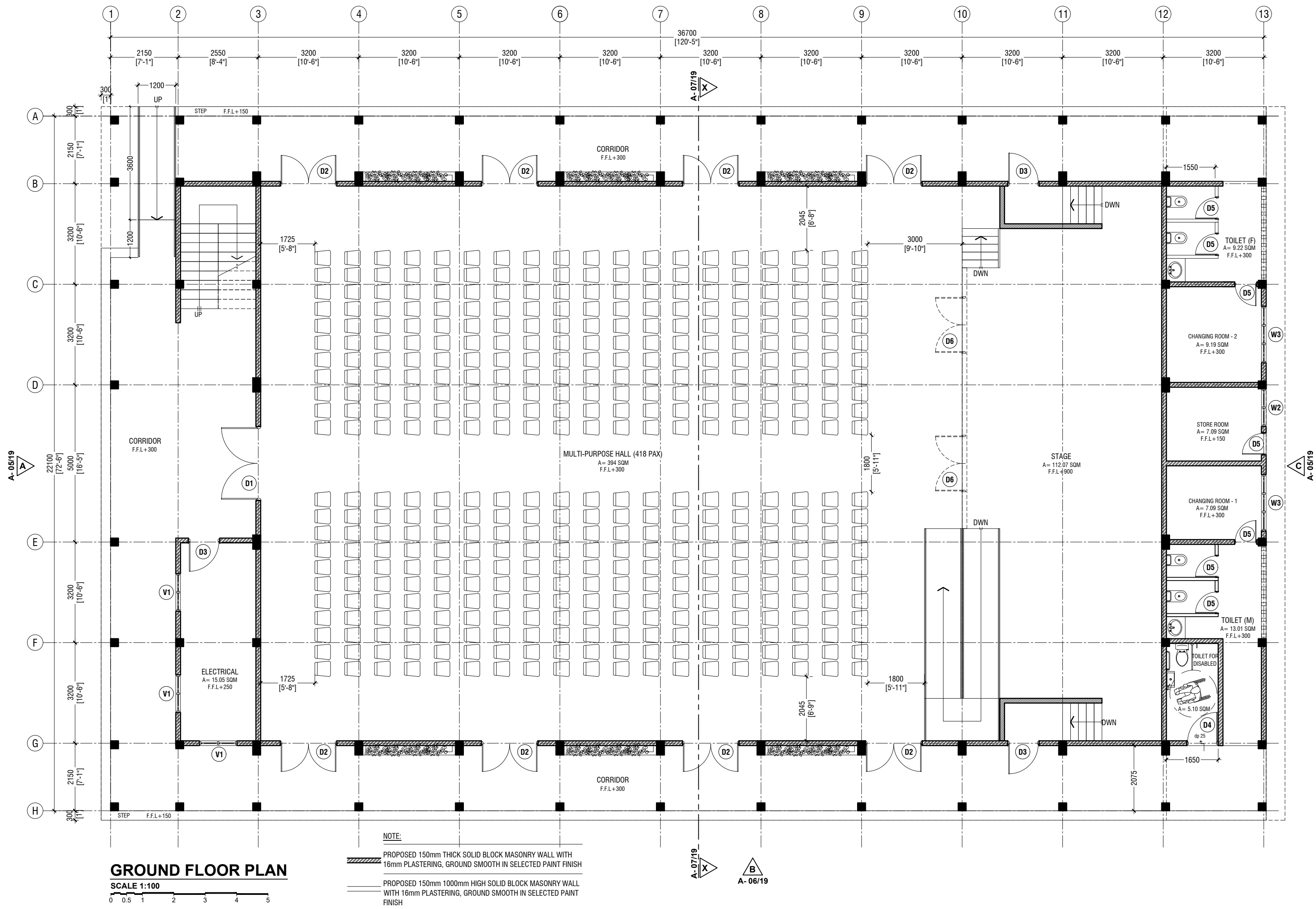


RIYAN PRIVATE LIMITED

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

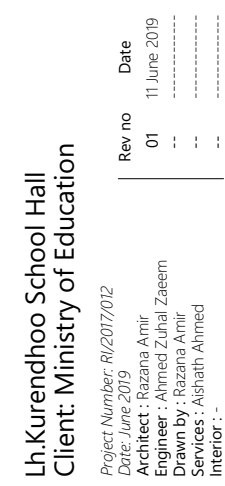
TABLE OF CONTENTS

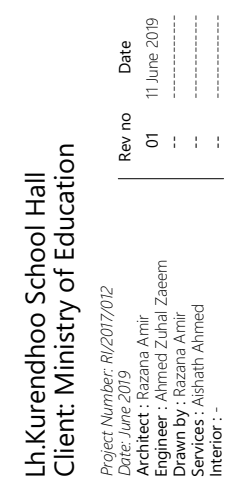
DRAWING No.	TITLE	REVISION No.	DATE	REMARKS
A R C H I T E C T U R A L		01	11 June 2019	---
A - 01 / 19	GROUND FLOOR PLAN	---	---	---
A - 02 / 19	FIRST FLOOR PLAN	---	---	---
A - 03 / 19	ROOF PLAN - 1	---	---	---
A - 04 / 19	ROOF PLAN - 2	---	---	---
A - 05 / 19	ELEVATION A & C	---	---	---
A - 06 / 19	ELEVATION B	---	---	---
A - 07 / 19	SECTION X-X	---	---	---
A - 08 / 19	DOOR & WINDOW SCHEDULE - 1	---	---	---
A - 09 / 19	DOOR & WINDOW SCHEDULE - 2 & VENTILATION SCHEDULE	---	---	---
A - 10 / 19	GROUND FLOOR REFLECTED CEILING PLAN	---	---	---
A - 11 / 19	FIRST FLOOR REFLECTED CEILING PLAN	---	---	---
A - 12 / 19	GROUND FLOOR FLOOR FINISHES PLAN	---	---	---
A - 13 / 19	FIRST FLOOR FLOOR FINISHES PLAN	---	---	---
A - 14 / 19	PLANTER BOX DETAILS	---	---	---
A - 15 / 19	RC FINS DETAILS	---	---	---
A - 16 / 19	TOILET DETAILS	---	---	---
A - 17 / 19	MAIN STAIRCASE DETAILS	---	---	---
A - 18 / 19	RAMP DETAILS	---	---	---
A - 19 / 19	STAGE DETAILS	---	---	---
S T R U C T U R A L		01	11 June 2019	---
S - 01 / 11	GROUND FLOOR COLUMN LAYOUT PLAN	---	---	---
S - 02 / 11	FIRST FLOOR COLUMN LAYOUT PLAN	---	---	---
S - 03 / 11	FOUNDATION PLAN	---	---	---
S - 04 / 11	FIRST FLOOR BEAM PLAN	---	---	---
S - 05 / 11	FIRST FLOOR SLAB REINFORCEMENT PLAN	---	---	---
S - 06 / 11	LOWER ROOF FRAMING PLAN	---	---	---
S - 07 / 11	ROOF BEAM LEVEL - 1 AND SLAB REINFORCEMENT PLAN (+7300)	---	---	---
S - 08 / 11	ROOF BEAM LEVEL - 2 PLAN (+8200)	---	---	---
S - 09 / 11	ROOF TRUSS AND FRAMING PLAN	---	---	---
S - 10 / 11	ROOF TRUSS DETAILS	---	---	---
S - 11 / 11	STRUCTURAL DETAILS	---	---	---

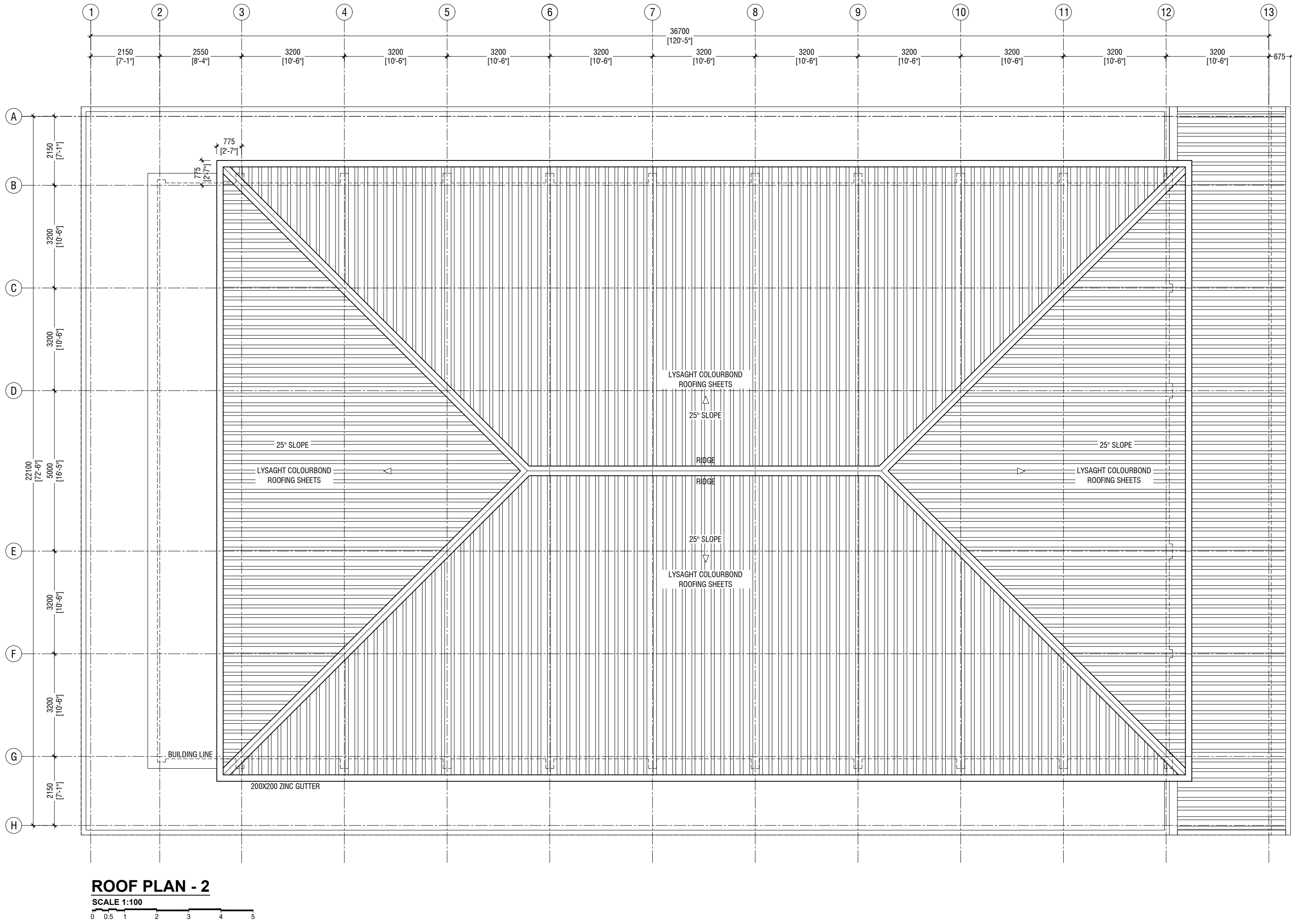


Lh. Kurendhoo School Hall
Client: Ministry of Education

Rev no	Date
01	11 June 2019
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

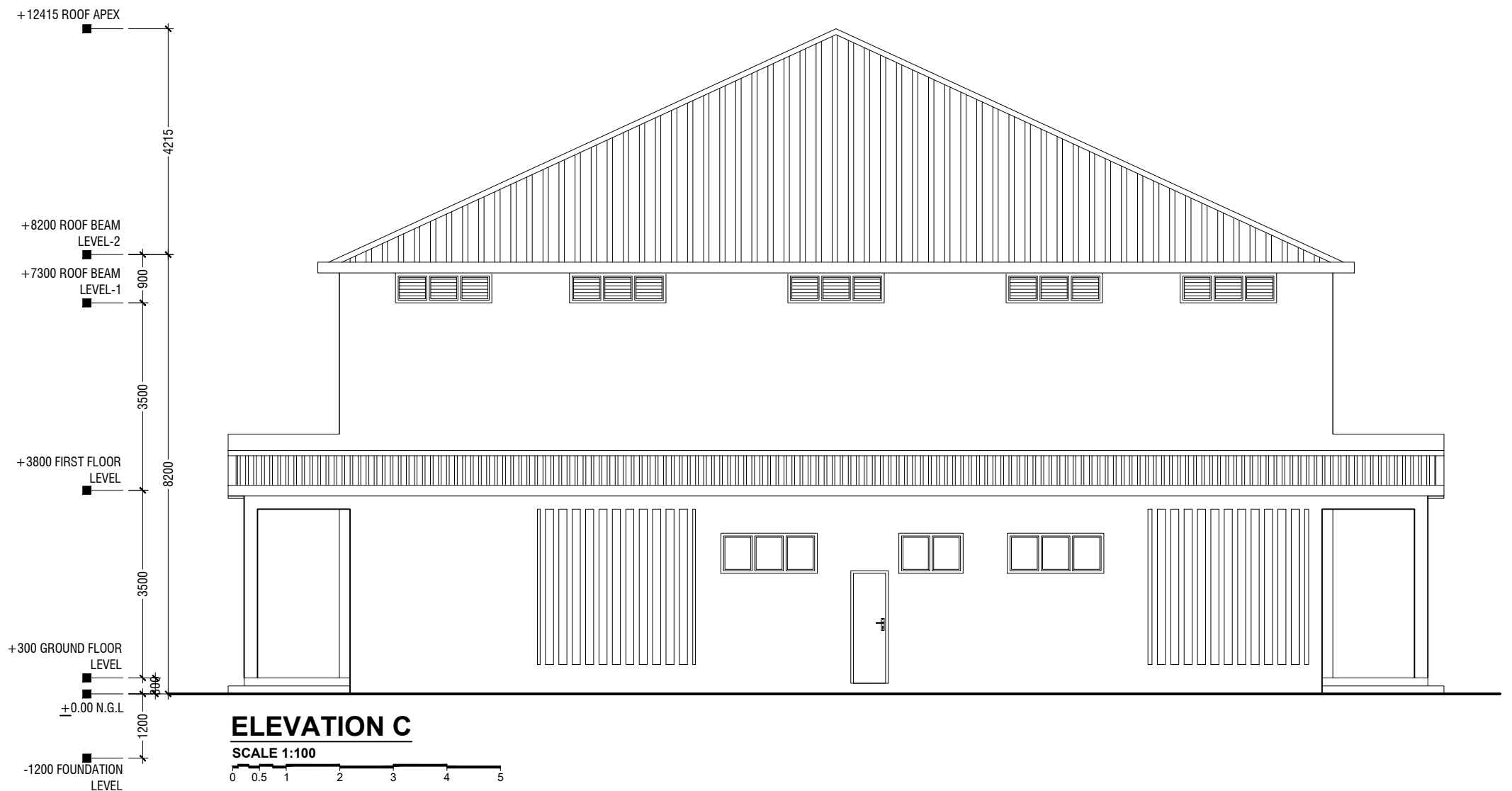
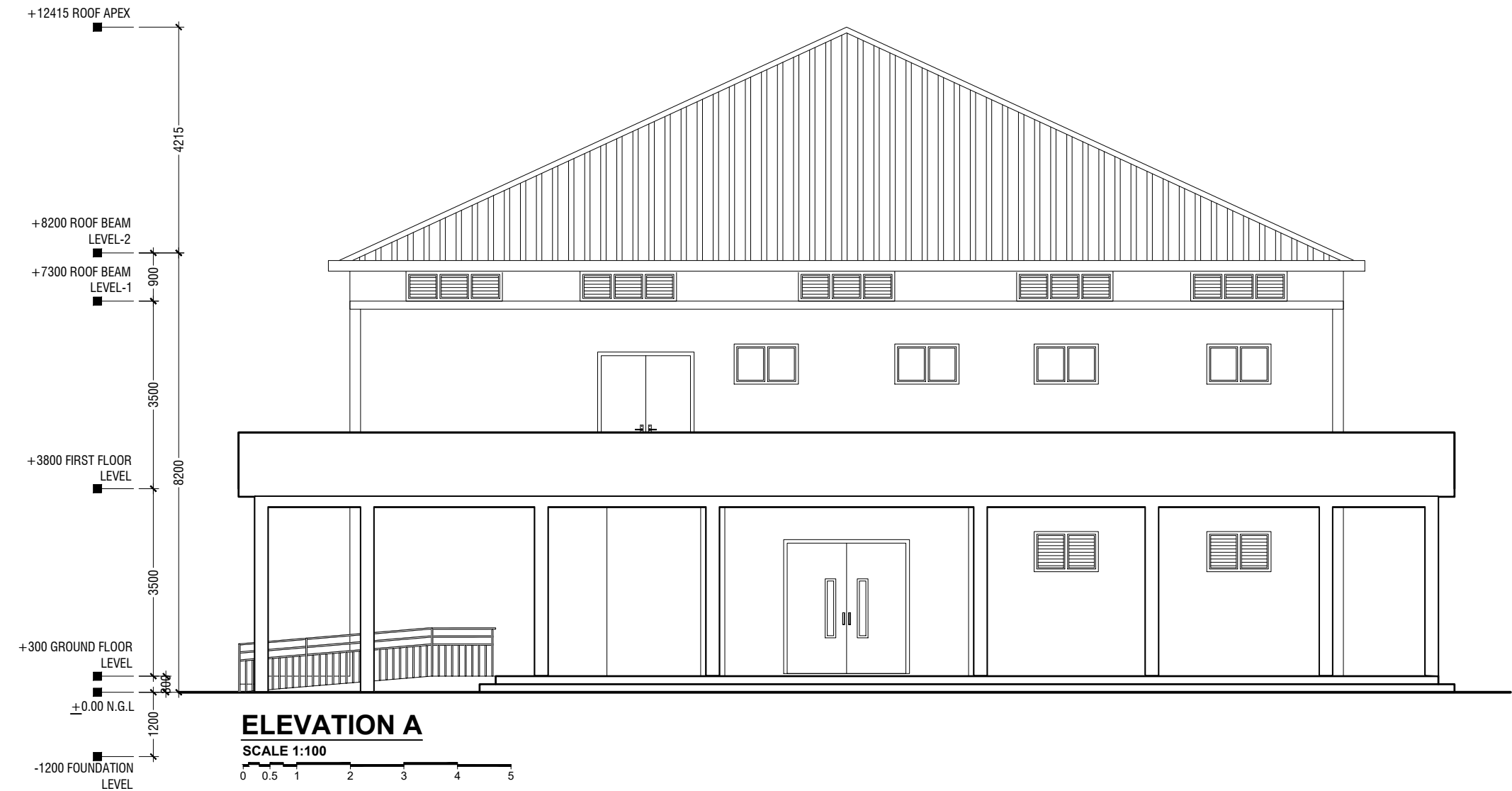


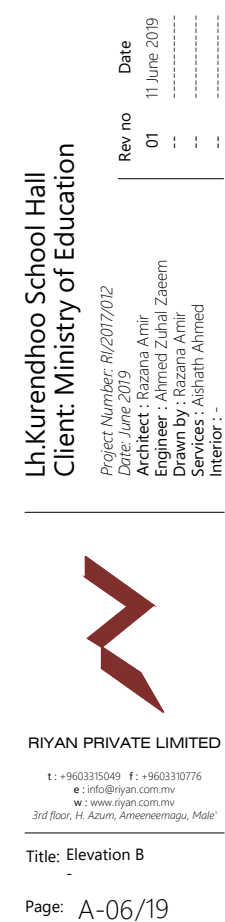


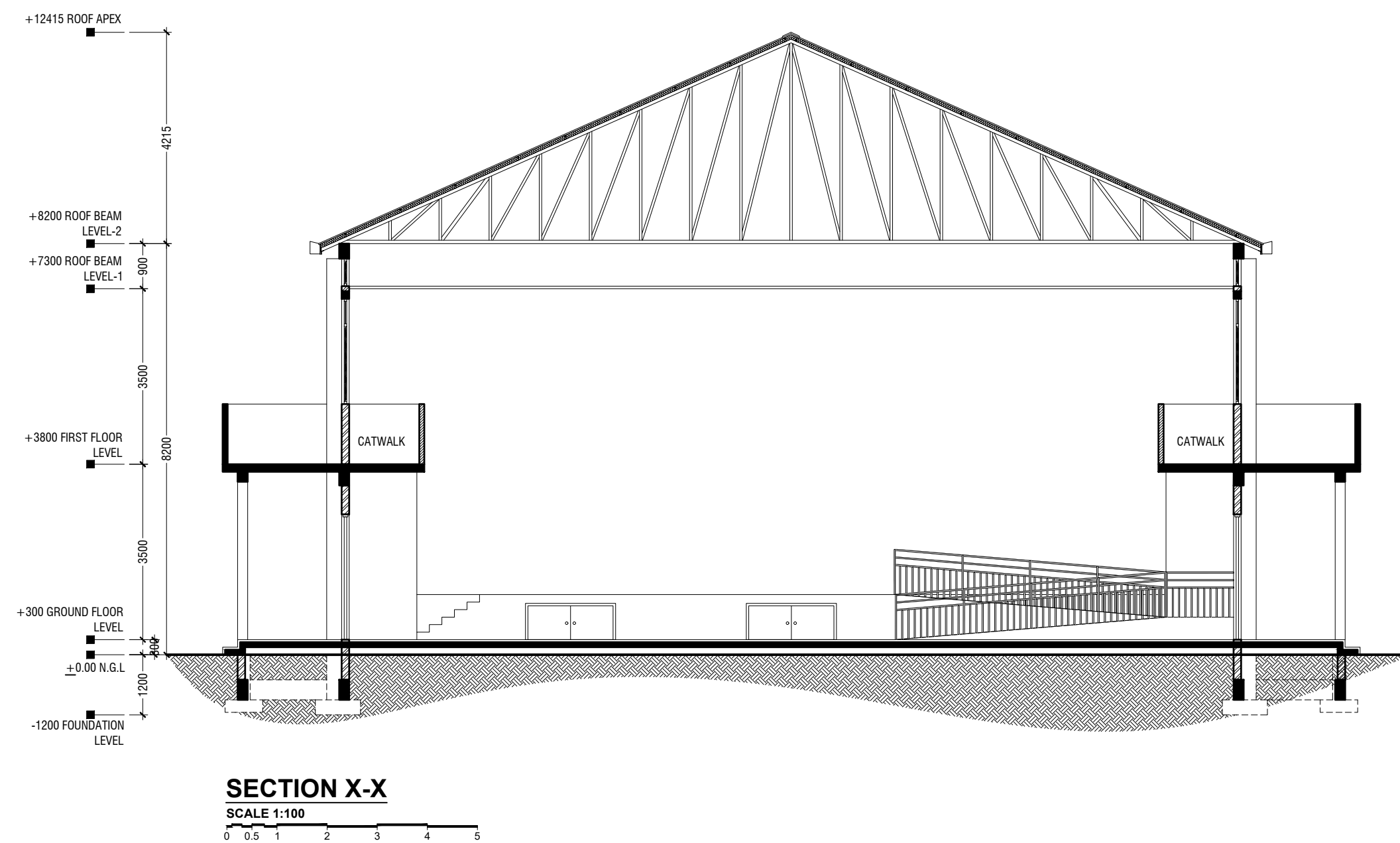


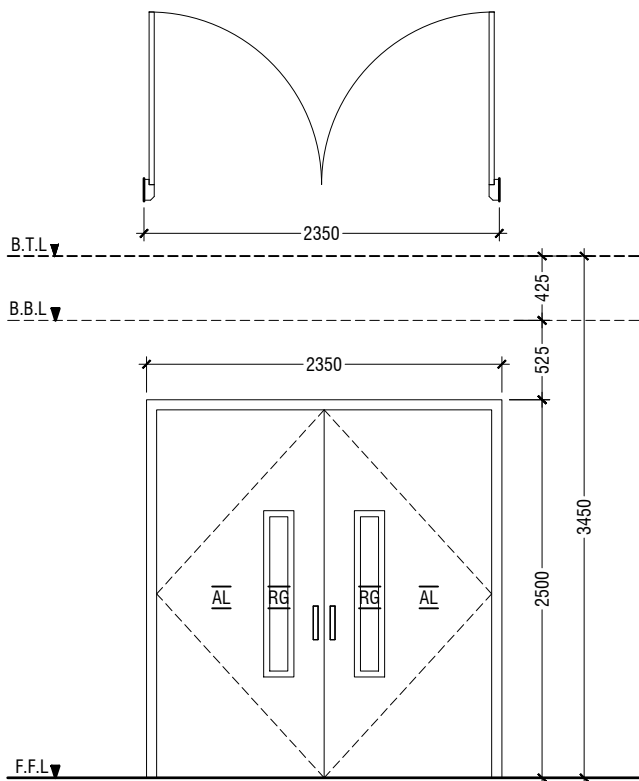
ROOF PLAN - 2

SCALE 1:100

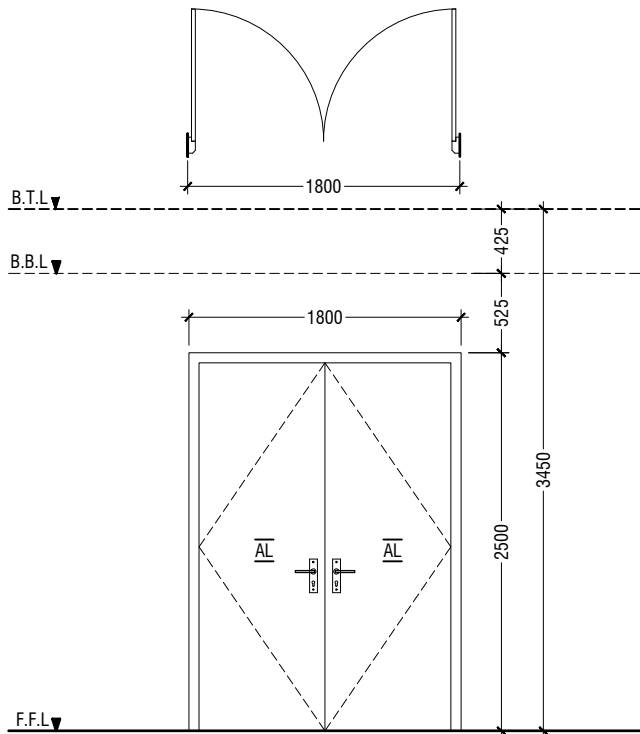




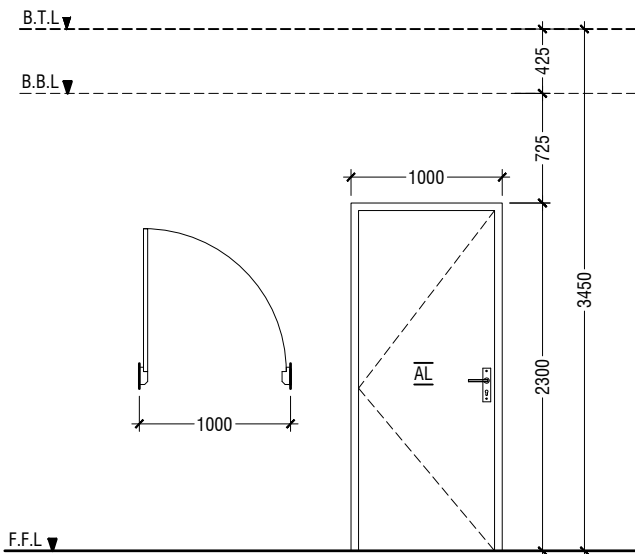




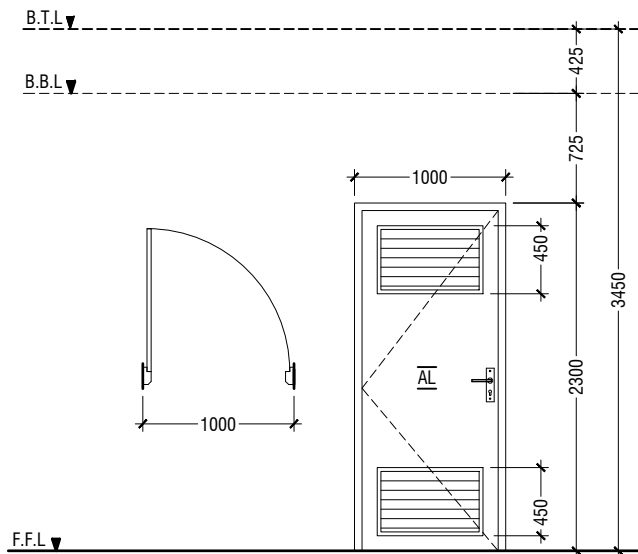
D1	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL GLASS ON PANEL : 6mm THK REFLECTIVE GLASS
LOCATION	HALL MAIN ENTRANCE
QUANTITY	01 NOS
OPEN AREA	5.39 sqm



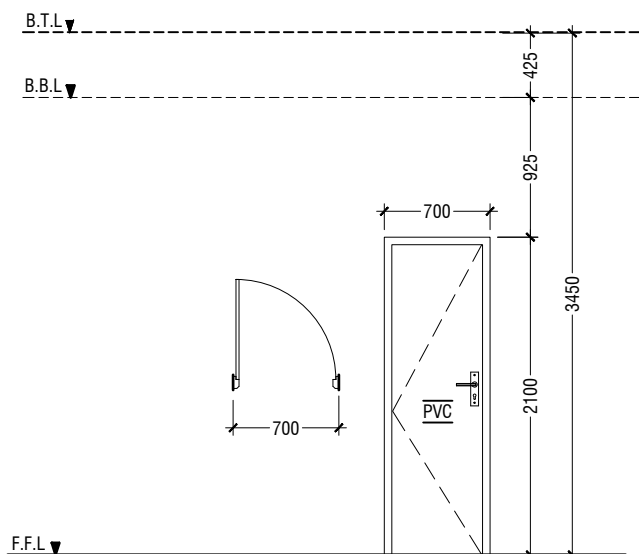
D2	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	HALL ENTRANCE
QUANTITY	10 NOS
OPEN AREA	4.05 sqm



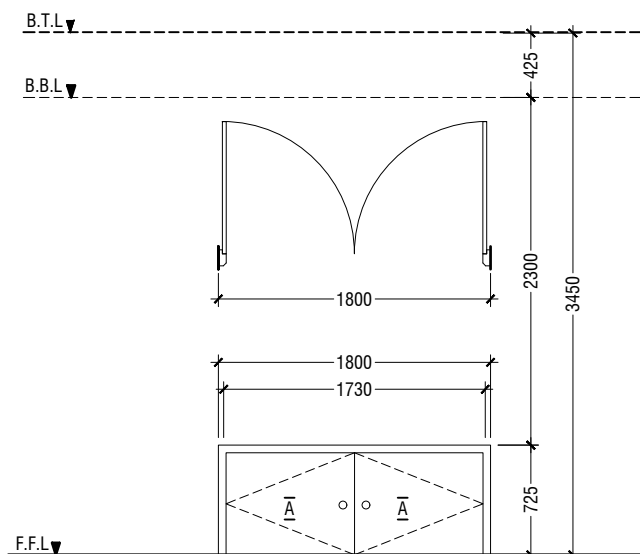
D3	SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	STAGE, CONTROL ROOM & STORE ROOM
QUANTITY	05 NOS
OPEN AREA	2.03 sqm



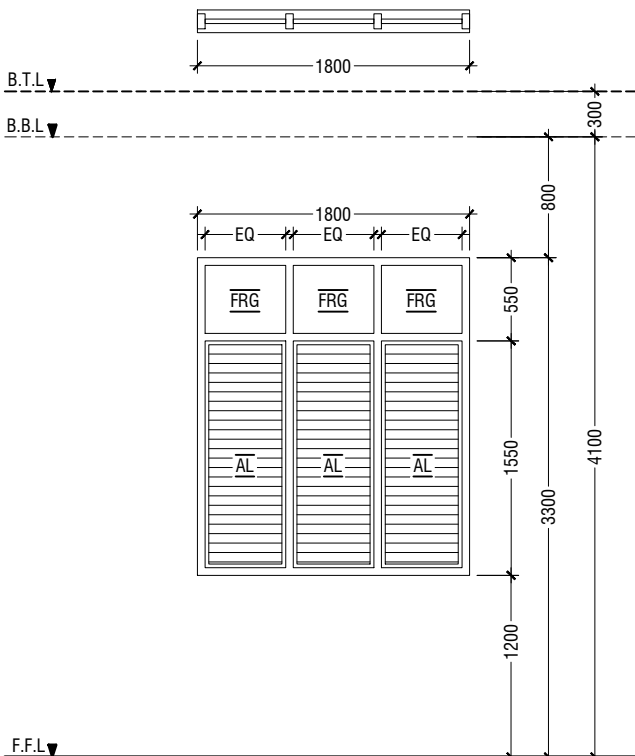
D4	SWING DOOR WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND ALUMINIUM LOUVERS
LOCATION	DISABLED TOILET
QUANTITY	01 NOS
OPEN AREA	2.03 sqm



D5	PVC SWING DOOR
REMARKS	PVC WHITE FRAME AND PANEL
LOCATION	TOILETS, CHANGING ROOM & STORE ROOM
QUANTITY	07 NOS
OPEN AREA	1.23 SQM



D6	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	STAGE STORE ACCESS
QUANTITY	02 NOS
OPEN AREA	1.15 SQM



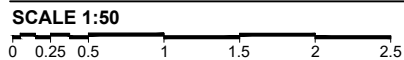
W1	WINDOW WITH FIXED GLASS & ALUMINUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS AND 6mm THICK REFLECTED FIXED GLASS PANELS
LOCATION	HALL
QUANTITY	14 NOS
OPEN AREA	2.40 sqm

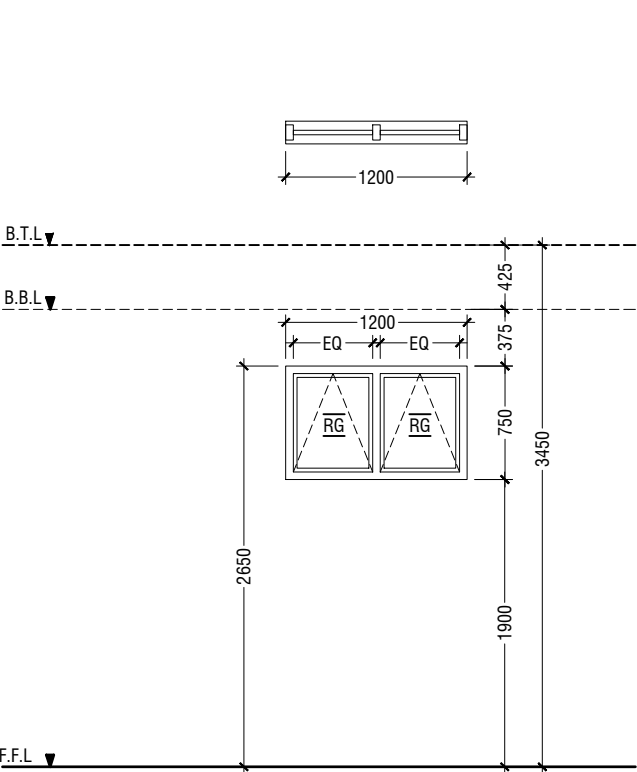
LEGEND:
FCG - FIXED CLEAR GLASS
FRG - FIXED REFLECTED GLASS
RG - REFLECTED GLASS
AL - ALUMINIUM
PVC - POLYVINYL CHLORIDE

NOTE:-

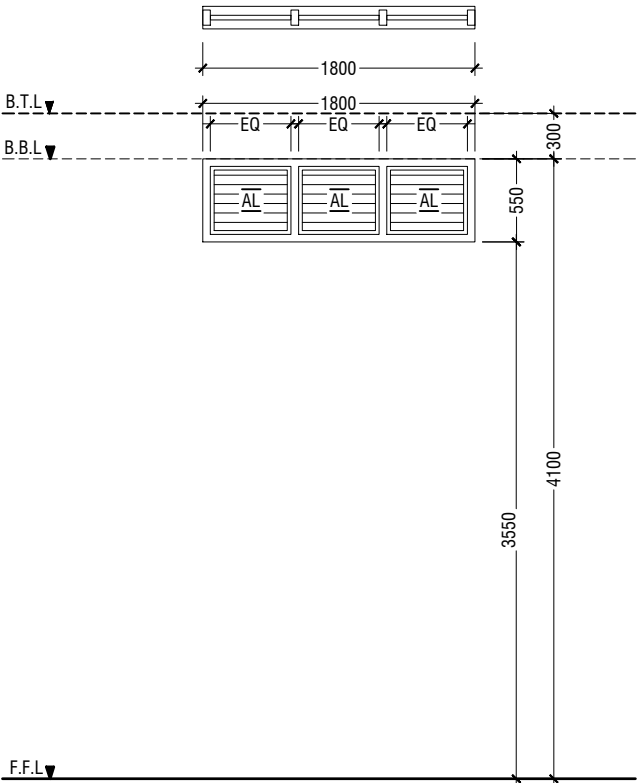
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB)
ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.

DOOR / WINDOW SCHEDULE - 1

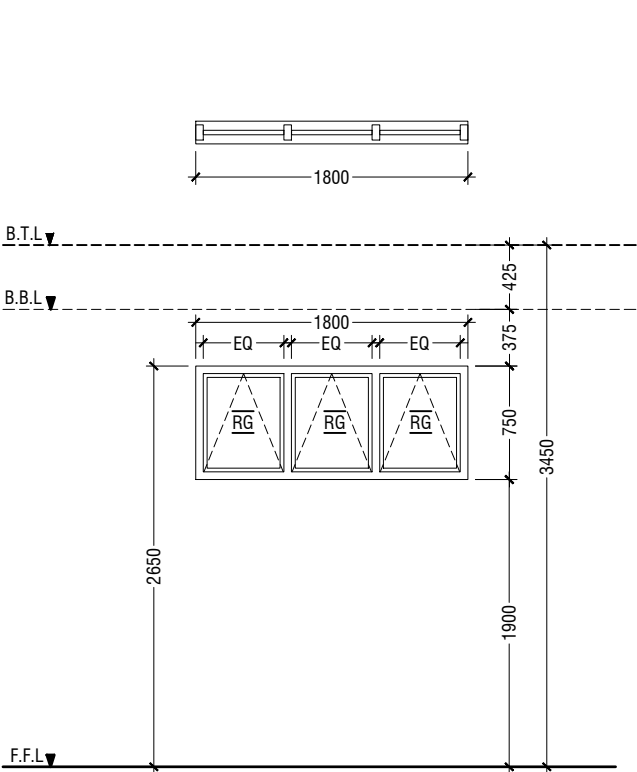




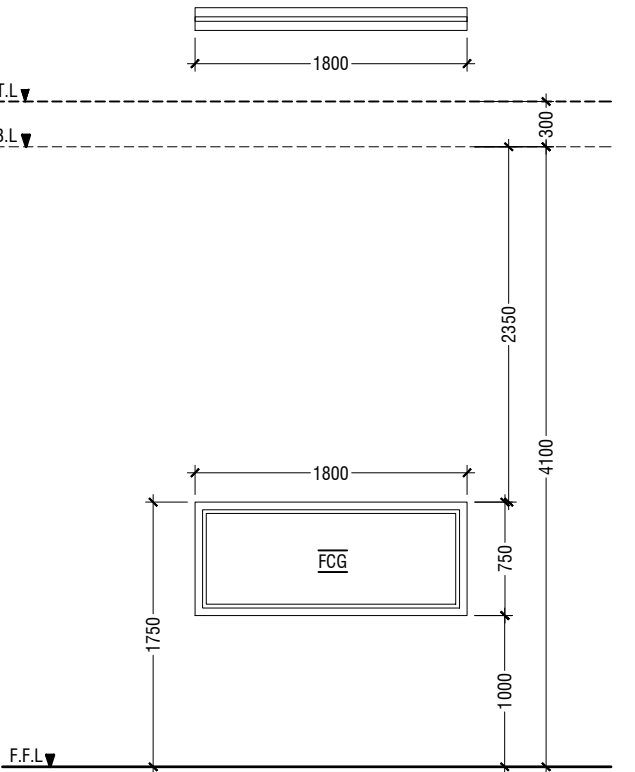
W2	TOP HUNG WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	STORE ROOM
QUANTITY	06 NOS
OPEN AREA	0.68 sqm



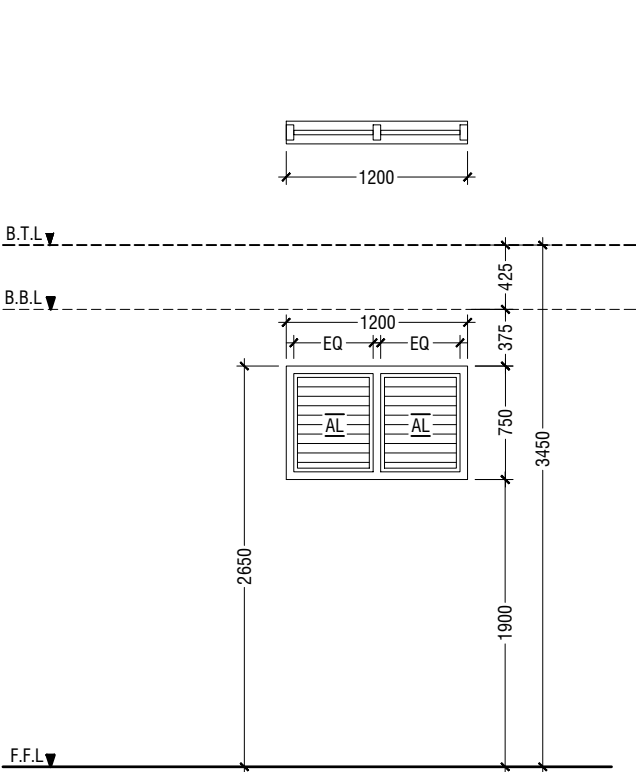
V2	WINDOW WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS
LOCATION	ABOVE HALL CEILING
QUANTITY	28 NOS
OPEN AREA	0.72 sqm



W3	TOP HUNG WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	CHANGING ROOMS
QUANTITY	02 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



V1	WINDOW WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS
LOCATION	ELECTRICAL ROOM
QUANTITY	03 NOS
OPEN AREA	0.68 sqm

SCHEDULE OF VENTILATION LH.KURENDHOO 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%

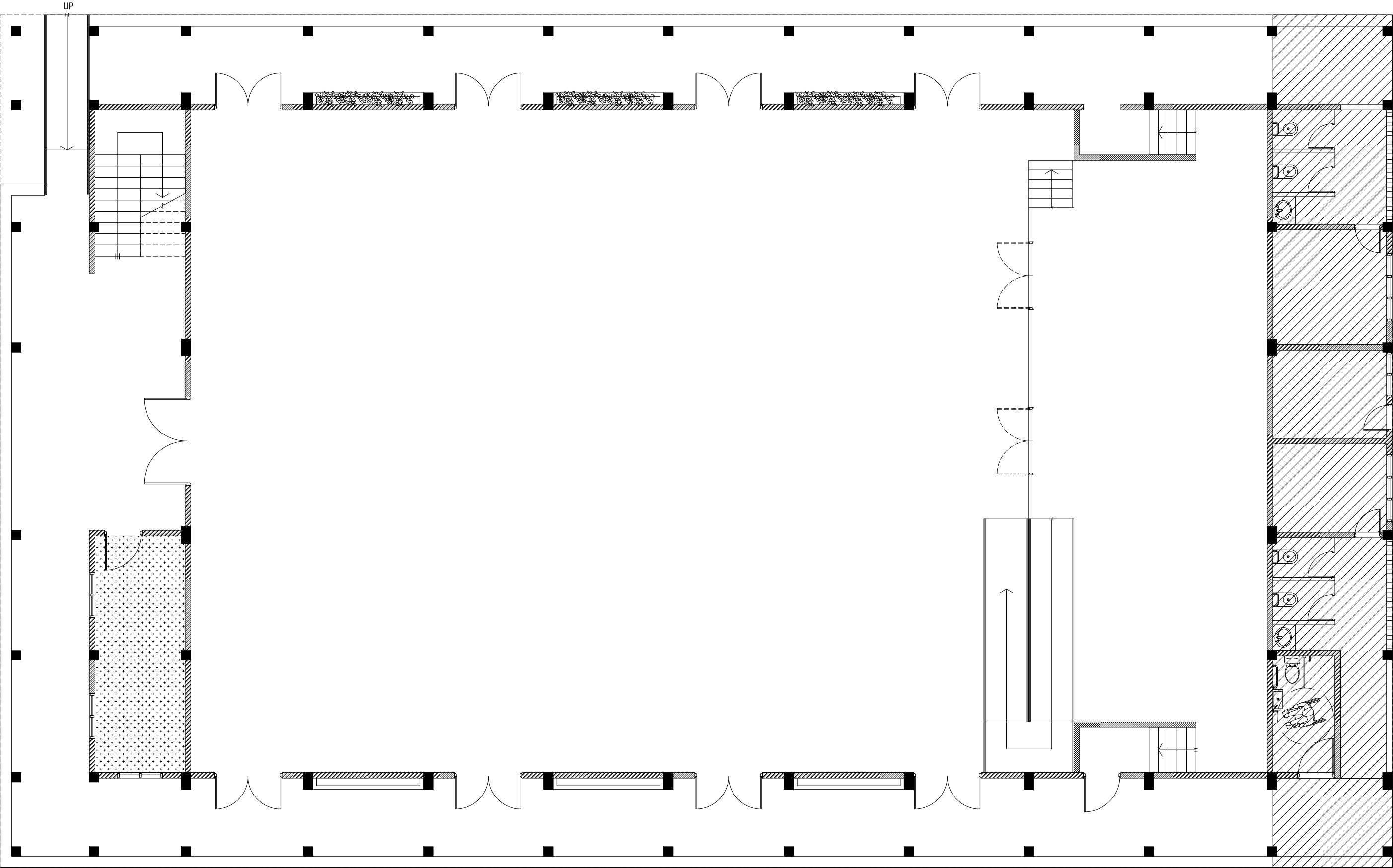
VENTILATION SCHEDULE

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

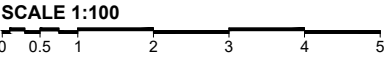
NOTE:-
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.

DOOR / WINDOW SCHEDULE - 2

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5



**GROUND FLOOR
REFLECTED CEILING PLAN**



LEGEND

CODE	DESCRIPTION
	EXPOSED SLAB SOFFIT TO BE FINISHED WITH GROUND SMOOTH FINISH IN SELECTED PAINT
	CEMENT BOARD CEILING

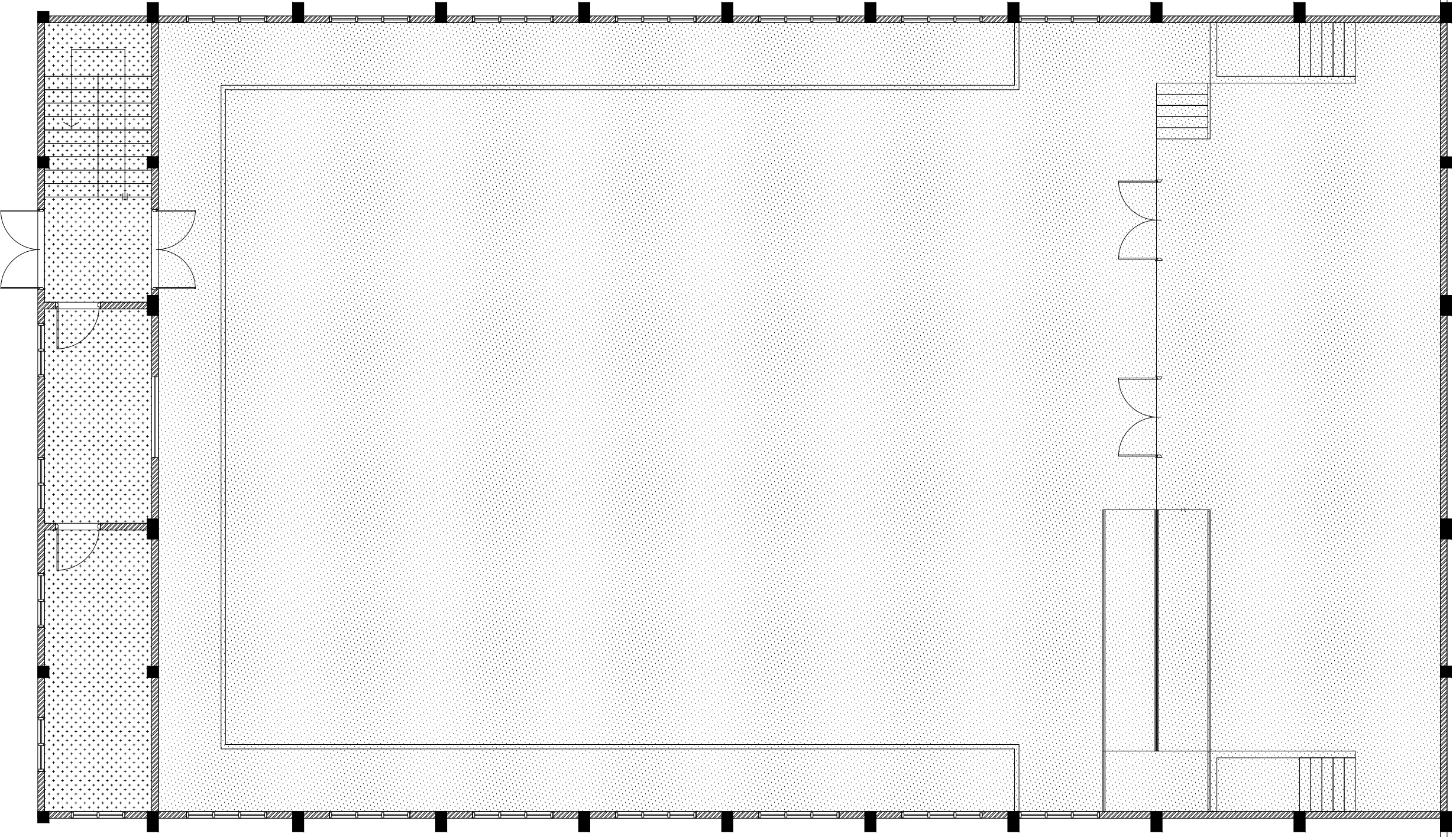
Lh.Kurendhoo School Hall
Client: Ministry of Education

Project Number: RI/2017/012	Rev no	Date
Date: June 2019	01	11 June 2019
Architect: Razana Amir	--	-----
Engineer: Ahmed Zuhail Zaeem	--	-----
Drawn by: Razana Amir	--	-----
Services: Alshath Ahmed	--	-----
Interior: -	--	-----



RIYAN PRIVATE LIMITED

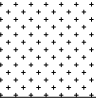

t: +9603315049 f: +9603310776
e: info@riyan.com.mv
w: www.riyan.com.mv
3rd floor, H. Azum, Ameerneemagu, Male'

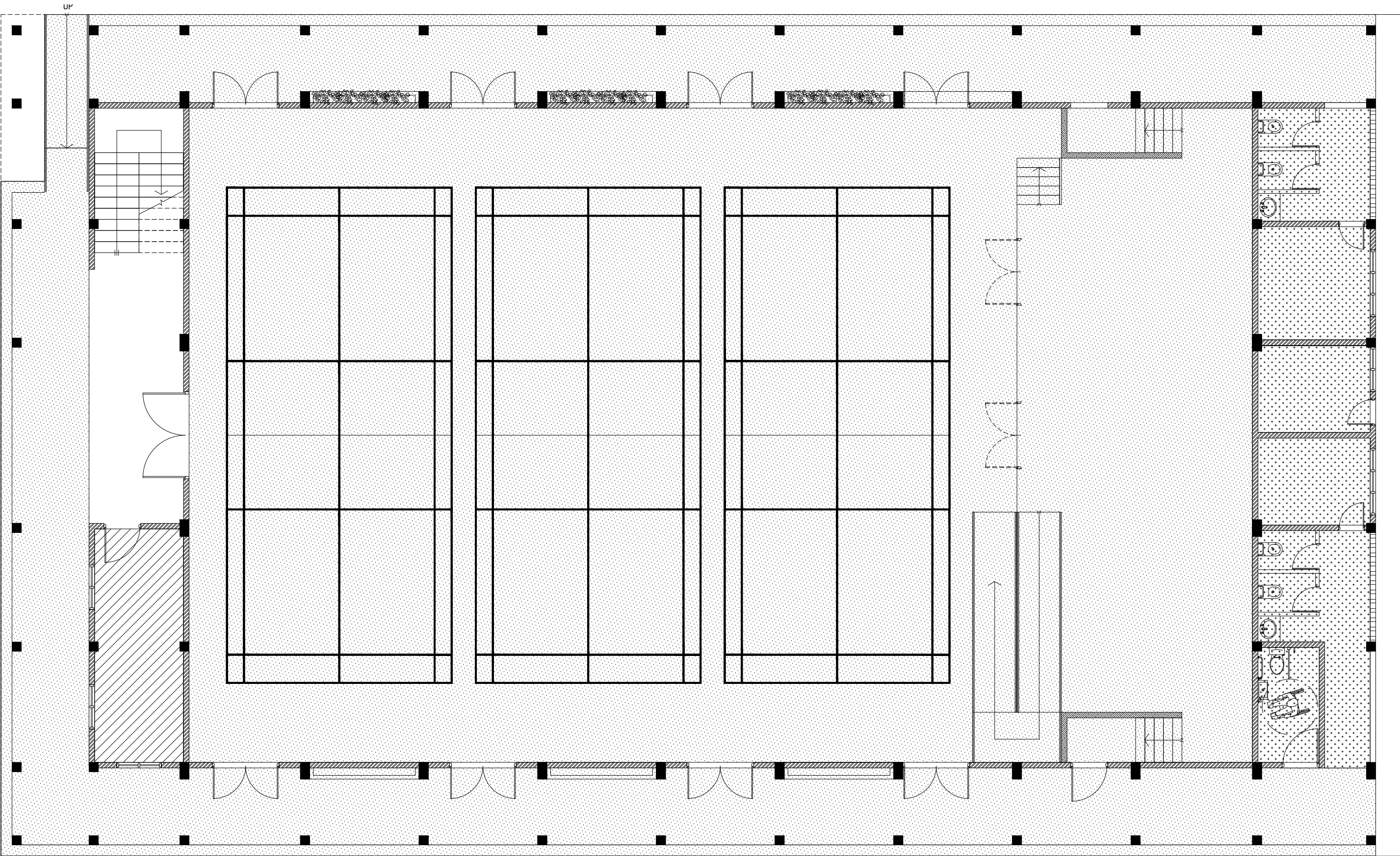


FIRST FLOOR
REFLECTED CEILING PLAN

SCALE 1:100

0 0.5 1 2 3 4 5


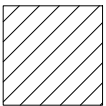
CODE	DESCRIPTION
	EXPOSED SLAB SOFFIT TO BE FINISHED WITH GROUND SMOOTH FINISH IN SELECTED PAINT
	SUSPENDED ACOUSTIC CEILING SYSTEM WITH ALUMINUM FRAMING CEILING HEIGHT : + 7300mm

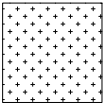


**GROUND FLOOR
FLOOR FINISHES PLAN**

SCALE 1:100
0 0.5 1 2 3 4 5

LEGEND

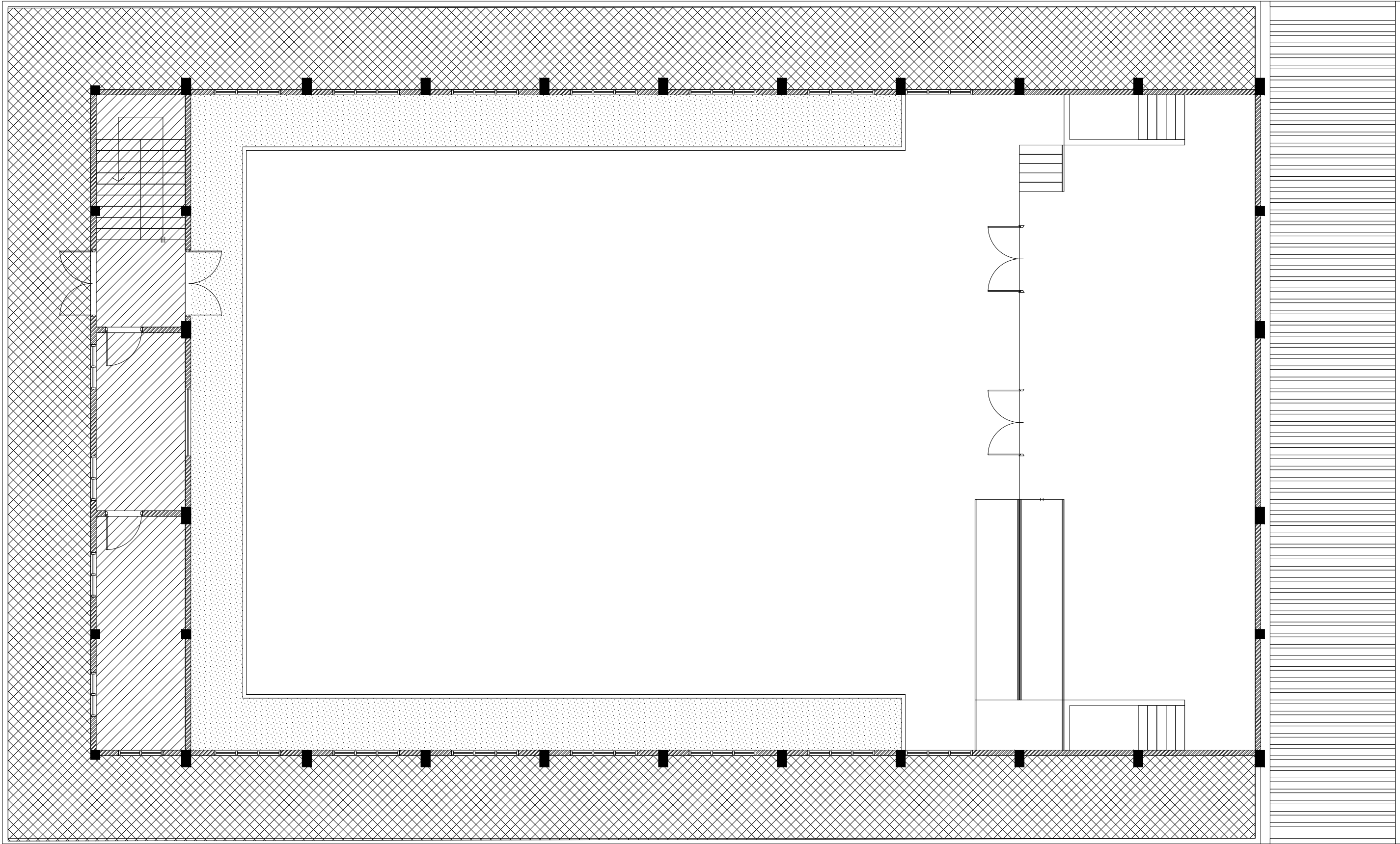
CODE	DESCRIPTION
	SELF LEVELLING CEMENT FLOOR SCREED WITH EPOXY FLOOR PAINT
	600X600mm HOMOGENOUS NON-SLIP TILES OVER 50mm SCREEDING

	300X300mm HOMOGENOUS NON-SLIP TILES OVER 50mm SCREEDING
---	--

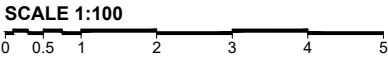
NOTE:
BADMINTON COURT TO BE DRAWN ON WITH ELASTOMETRIC
PAINT IN SELECTED PAINT FINISH

Lh. Kurendhoo School Hall
Client: Ministry of Education


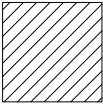
Project Number: RI/2017/012	Rev no	Date
Date: June 2019	01	11 June 2019
Architect: Razana Amir	--	--
Engineer: Ahmed Zuhail Zaeem	--	--
Drawn by: Razana Amir	--	--
Services: Aishath Ahmed	--	--
Interior: --	--	--

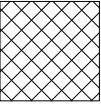


FIRST FLOOR
FLOOR FINISHES PLAN



LEGEND

CODE	DESCRIPTION
	SELF LEVELLING CEMENT FLOOR SCREED WITH EPOXY FLOOR PAINT
	600X600mm HOMOGENOUS NON-SLIP TILES OVER 50mm SCREEDING

	SELF LEVELLING CEMENT FLOOR SCREED WITH BITUMINOUS WATERPROOFING AGENT
---	--

Lh.Kurendhoo School Hall
Client: Ministry of Education

Project Number: RI/2017/012	Rev no	Date
Date: June 2019	01	11 June 2019
Architect: Razana Amir	--	-----
Engineer: Ahmed Zuhail Zaeem	--	-----
Drawn by: Razana Amir	--	-----
Services: Alshath Ahmed	--	-----
Interior: -	--	-----



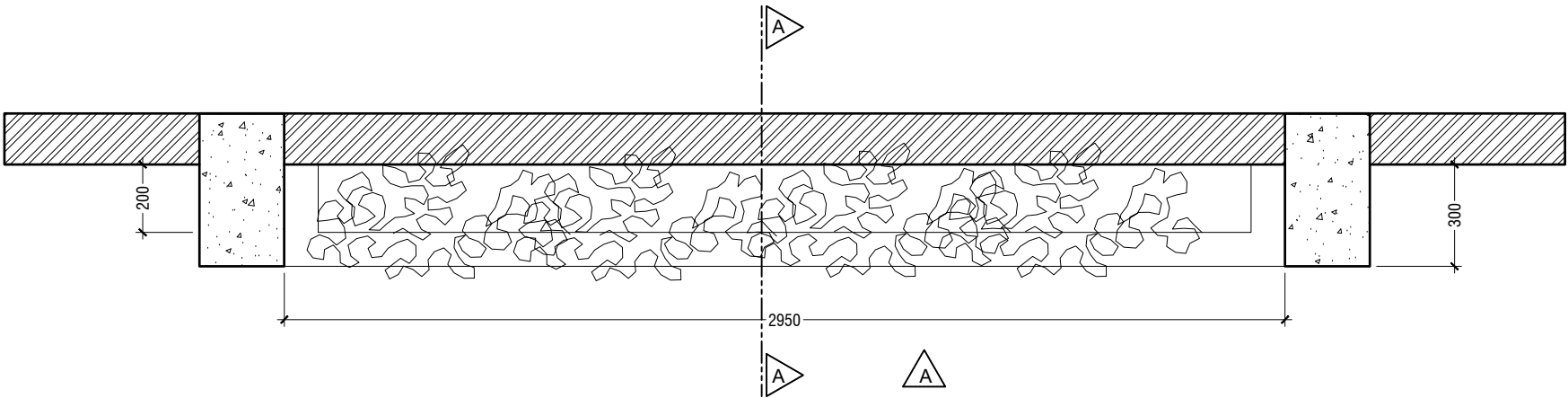
RIYAN PRIVATE LIMITED

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

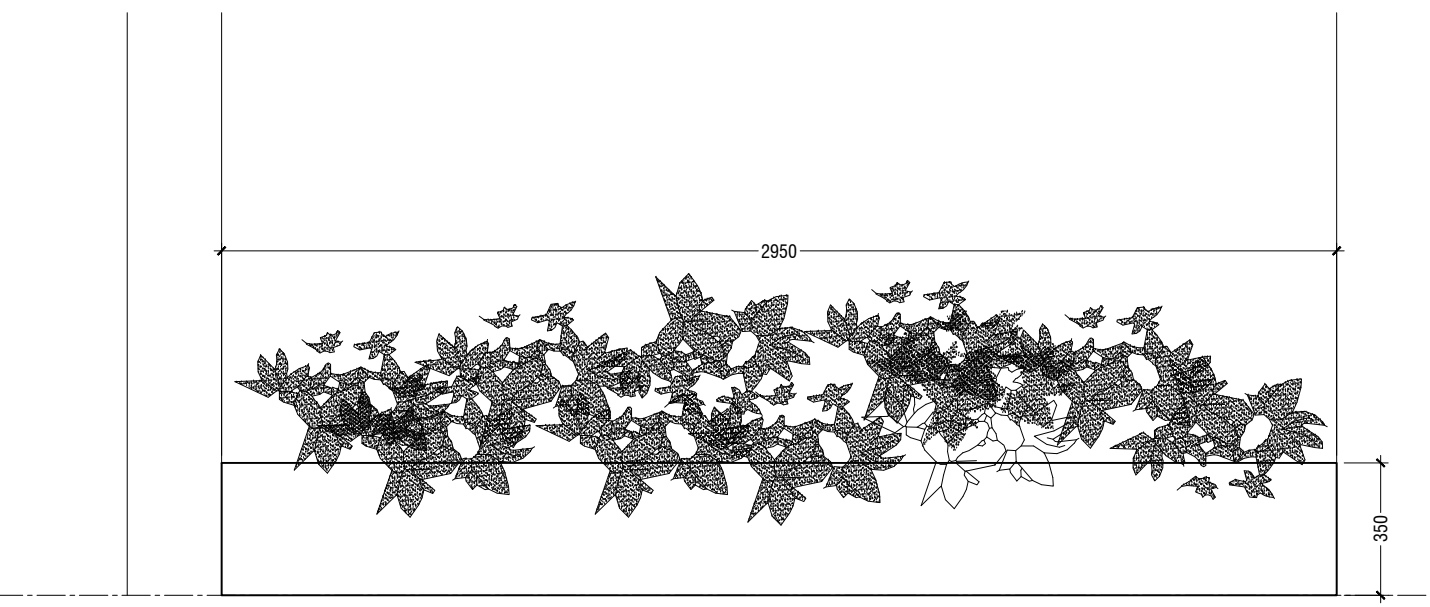
Title: Door / Window
Schedule - 2

Page: A-13/19

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

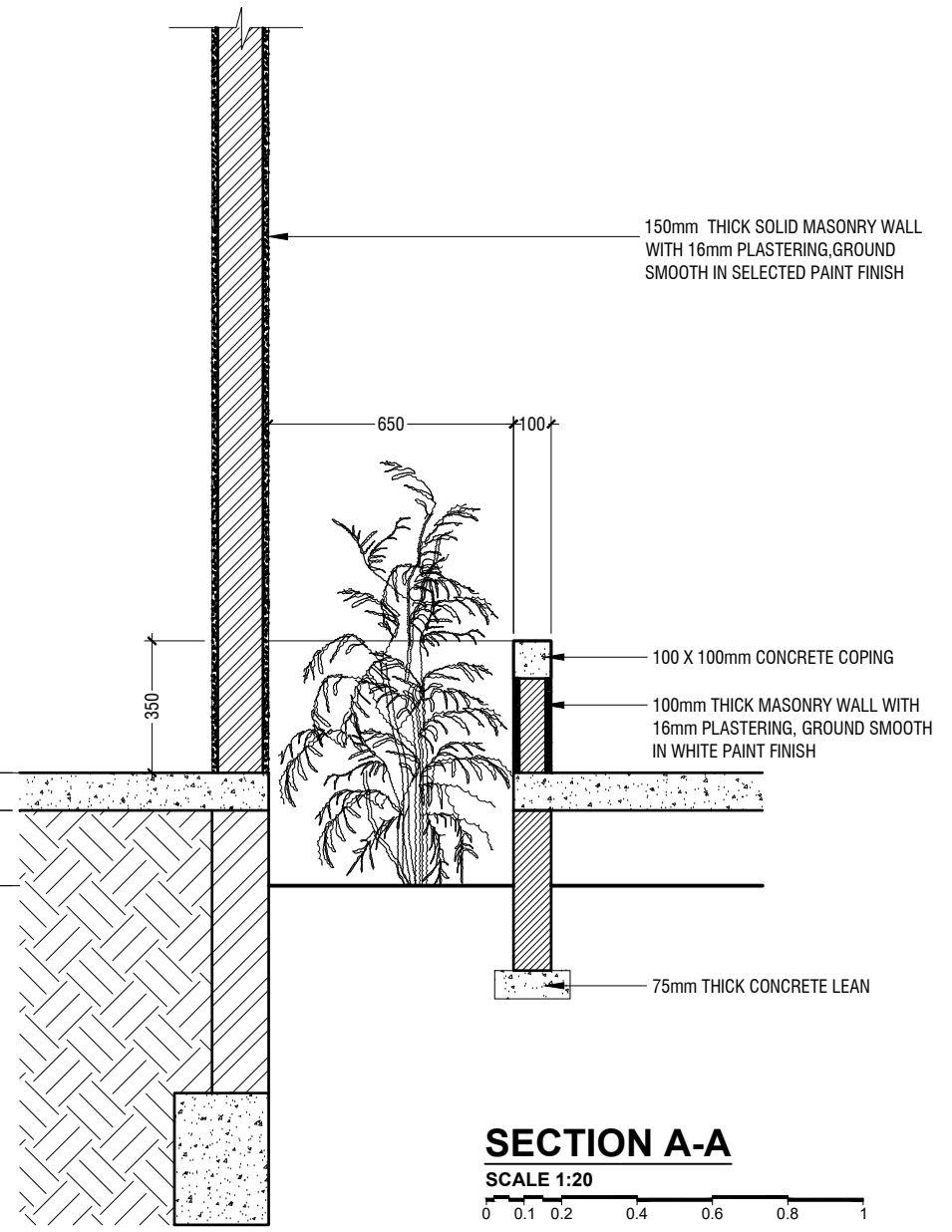


PLAN
SCALE 1:20

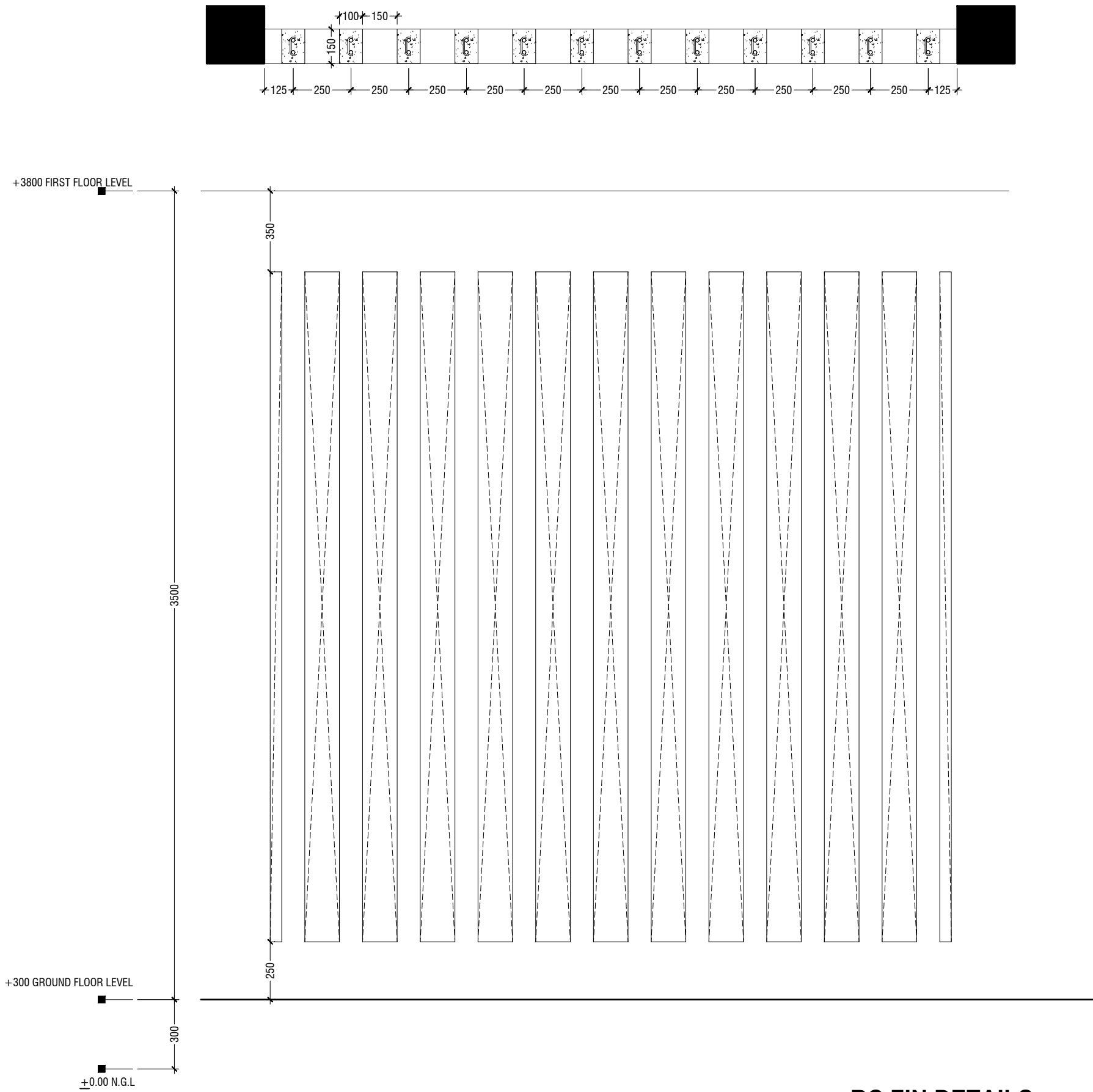


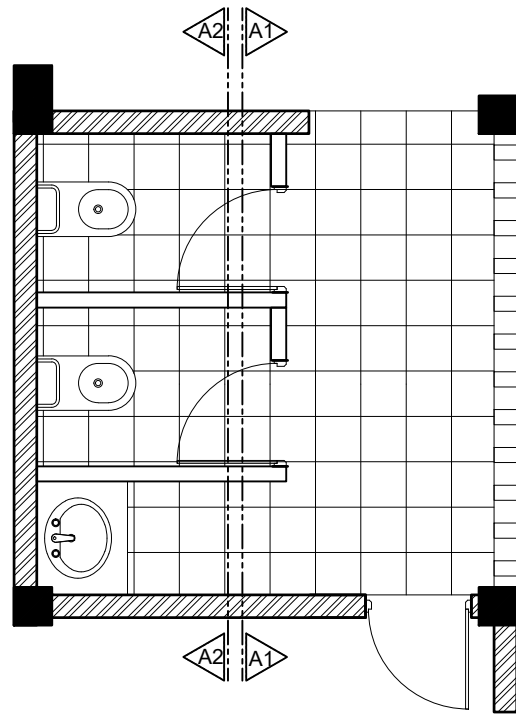
ELEVATION A
SCALE 1:20

PLANTER BOX DETAILS



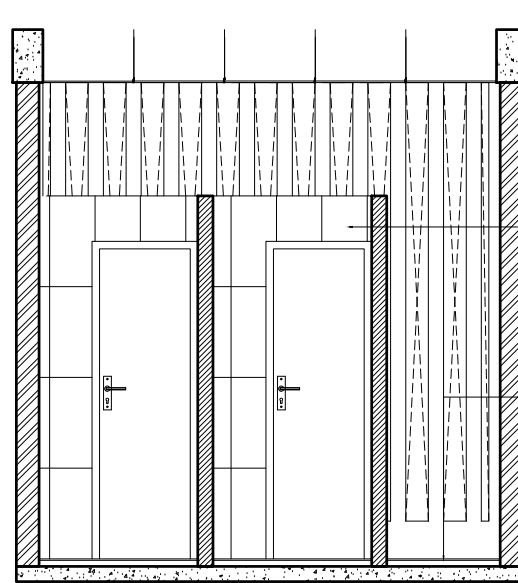
SECTION A-A
SCALE 1:20





TYPICAL TOILET PLAN

SCALE 1:50

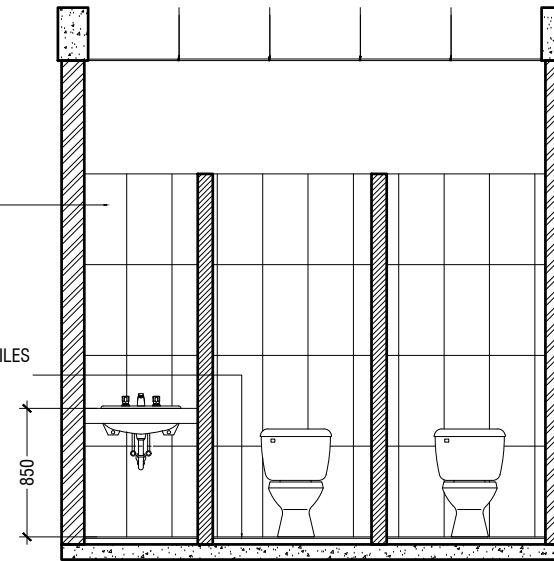


SECTION A1-A1

SCALE 1:50

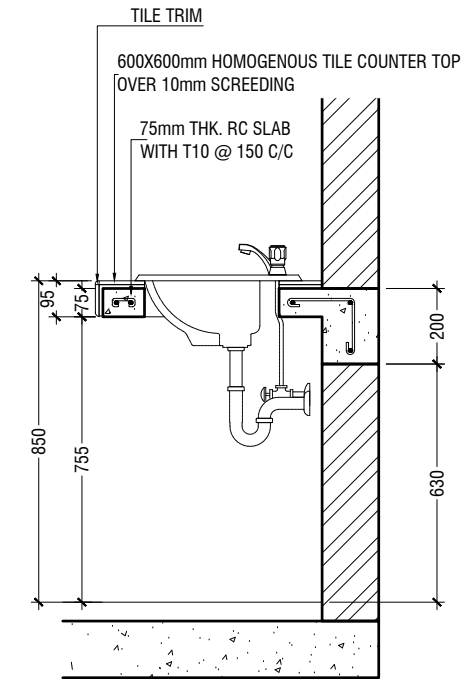


+3800 FIRST FLOOR LEVEL
+3450 BEAM LEVEL
350
300x600mm HOMOGENOUS TILES
OVER 50mm SCREEDING
3150
300X300mm HOMOGENOUS NON-SLIP TILES
OVER 50mm SCREEDING
+300 GROUND FINISHED
FLOOR LEVEL
+0.00 N.G.L.
300



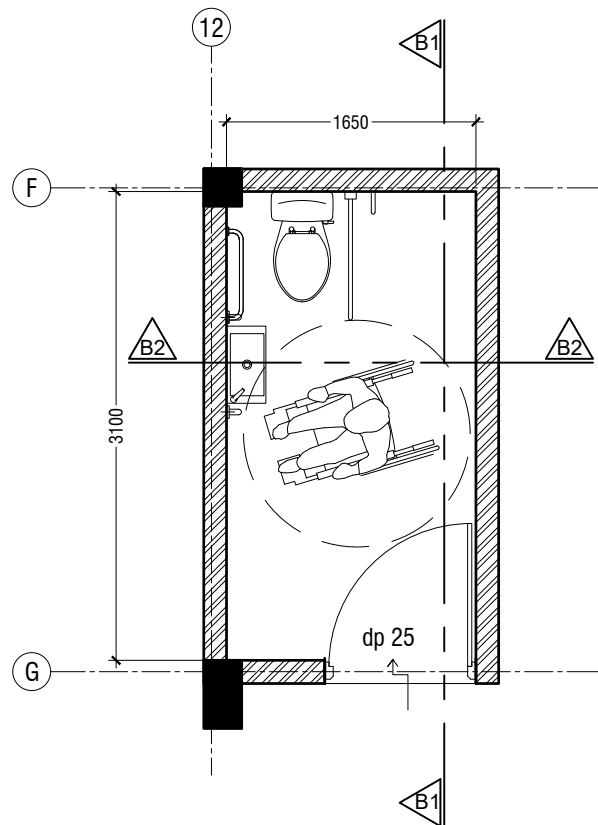
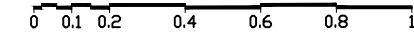
SECTION A2-A2

SCALE 1:50



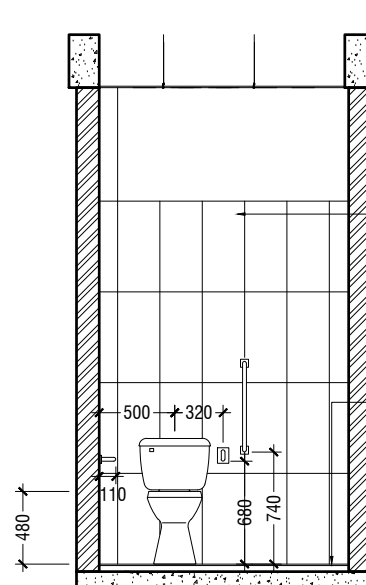
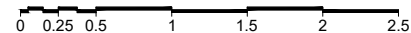
COUNTER TOP DETAILS

SCALE 1:20



**TOILET FOR PERSONS WITH
DISABILITIES PLAN**

SCALE 1:50

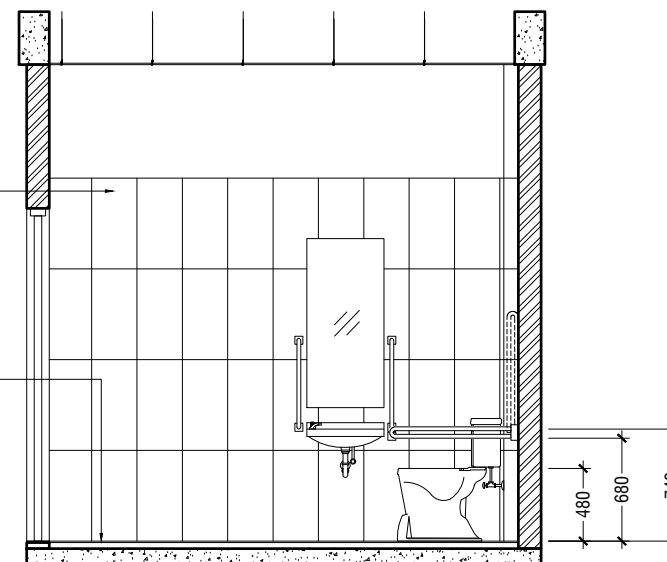


SECTION B1-B1

SCALE 1:50



+3800 FIRST FLOOR LEVEL
+3450 BEAM LEVEL
350
300x600mm HOMOGENOUS TILES
OVER 50mm SCREEDING
3150
300X300mm HOMOGENOUS NON-SLIP TILES
OVER 50mm SCREEDING
+300 GROUND FINISHED
FLOOR LEVEL
+0.00 N.G.L.
300



SECTION B2-B2

SCALE 1:50



Lh.Kurendhoo School Hall
Client: Ministry of Education

Project Number: RI/2017/012
Date: June 2019
Architect: Razana Amir
Engineer: Ahmed Zuhair Zaeem
Drawn by: Razana Amir
Interior: Aishath Ahmed

Rev no	Date
01	11 June 2019
--	--
--	--



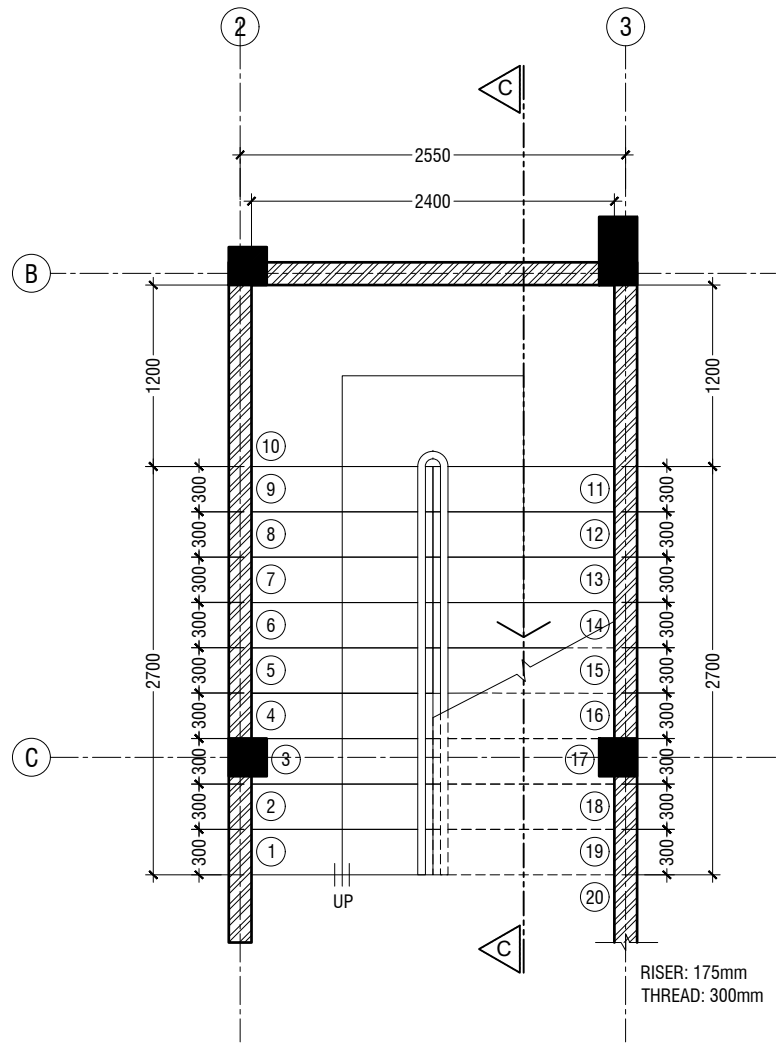
RYIAN PRIVATE LIMITED

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

Title: Toilet details

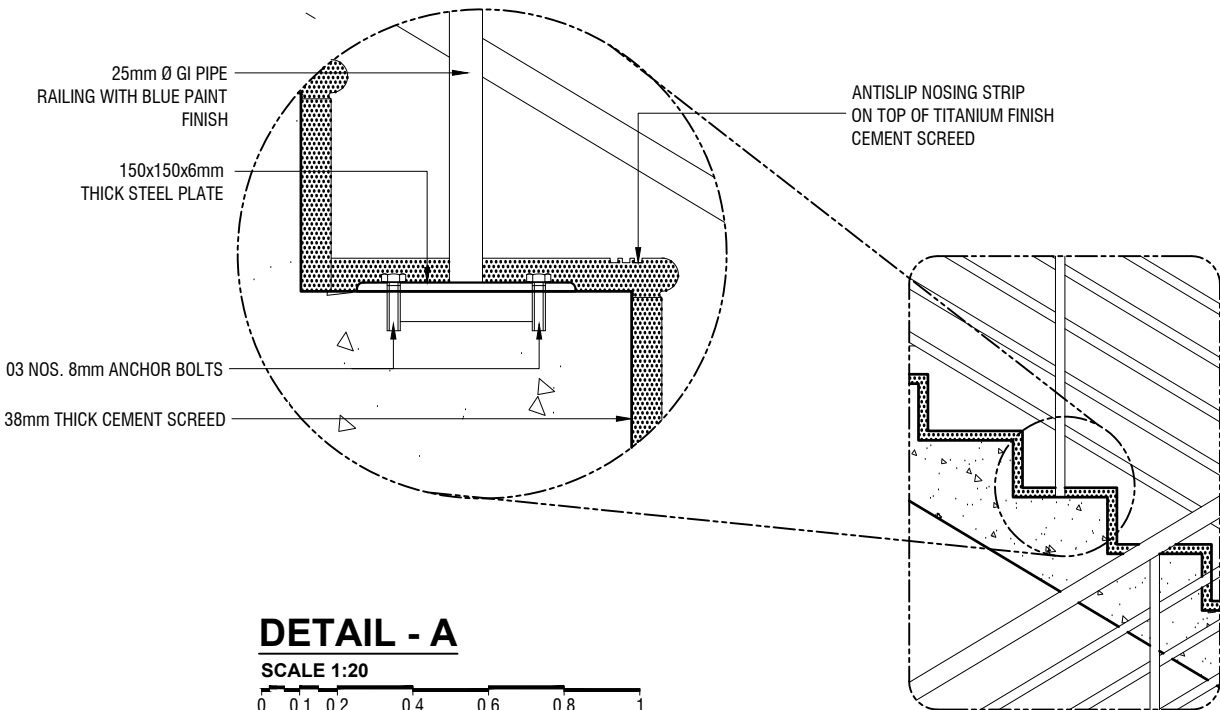
Page: A-16/19

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



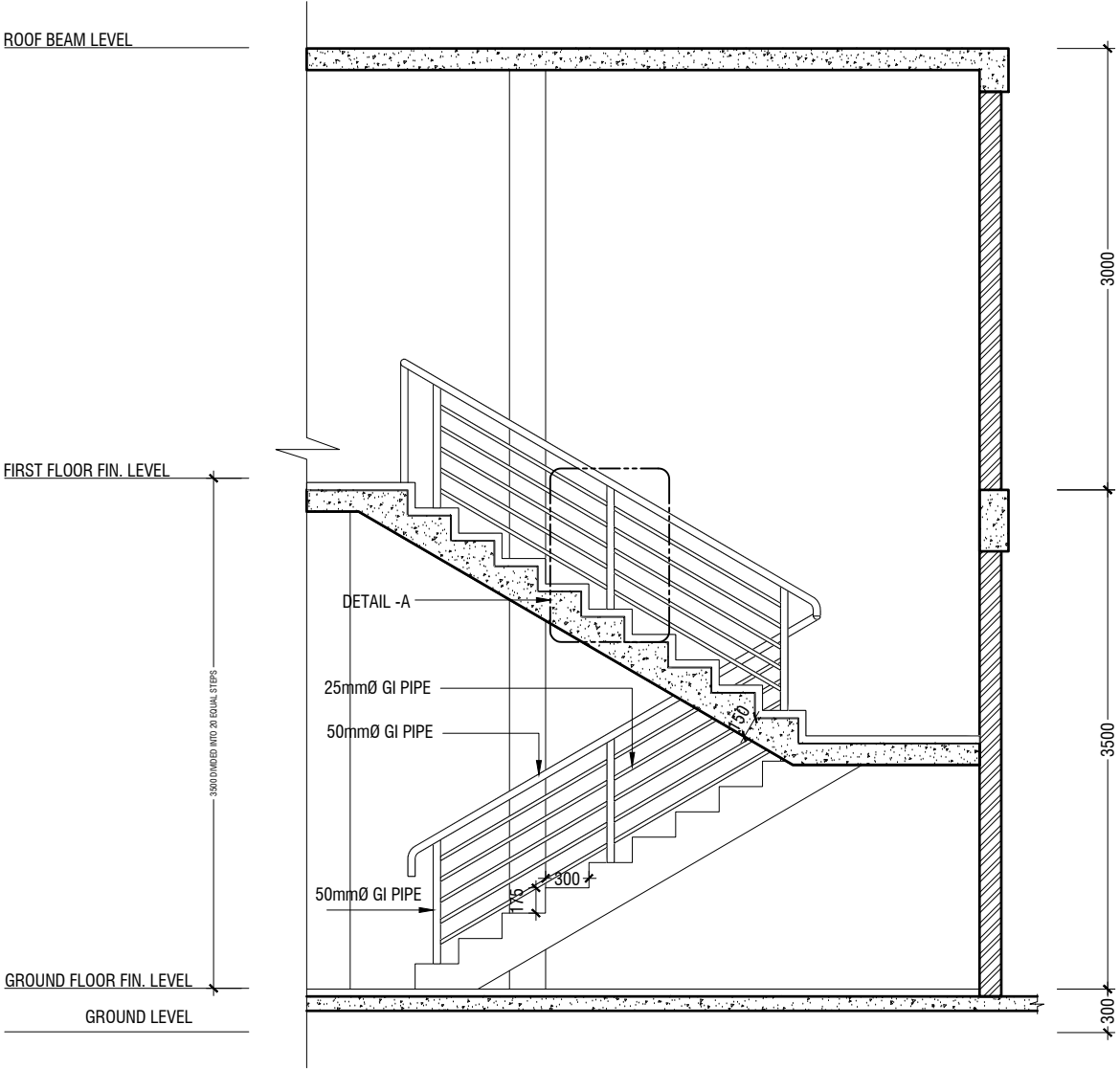
MAIN STAIRCASE PLAN

SCALE 1:50



DETAIL - A

SCALE 1:20



SECTION C-C

SCALE 1:50

MAIN STAIRCASE DETAILS

SCALE 1:50

Lh.Kurendhoo School Hall
Client: Ministry of Education

Rev no	Date
01	11 June 2019
-	-
-	-
-	-

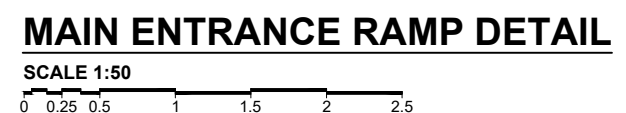
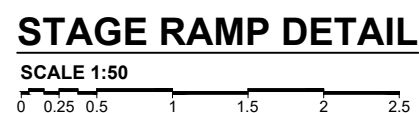
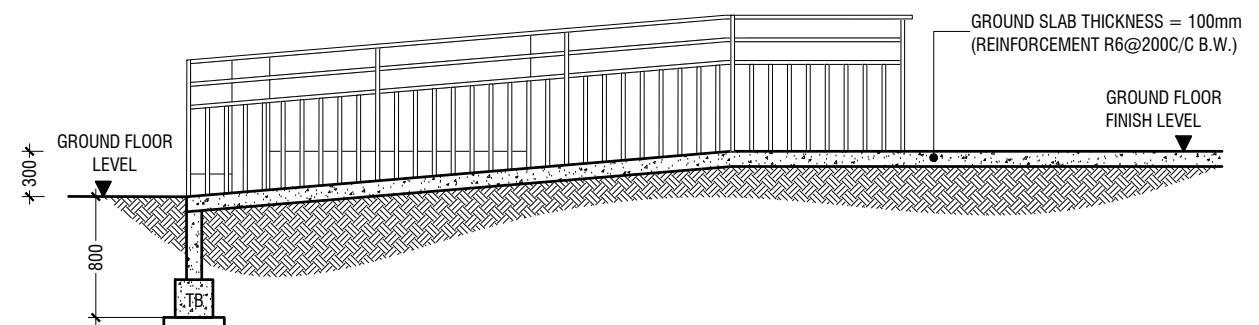
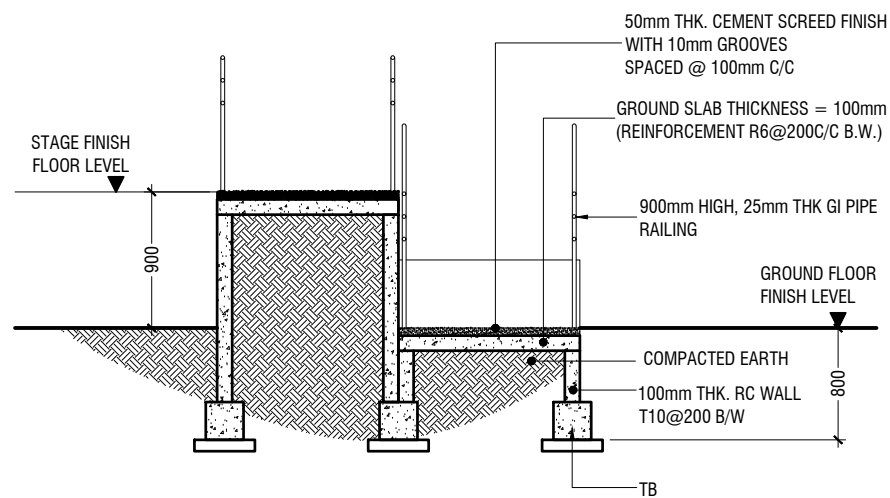
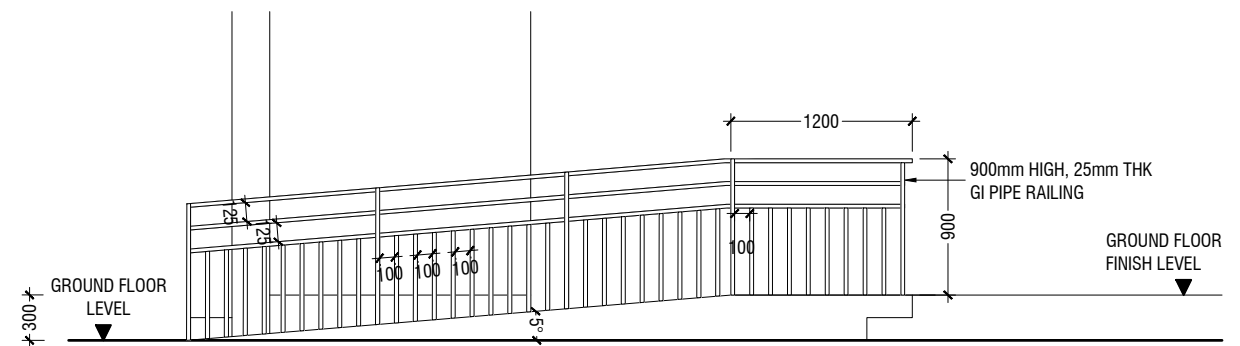
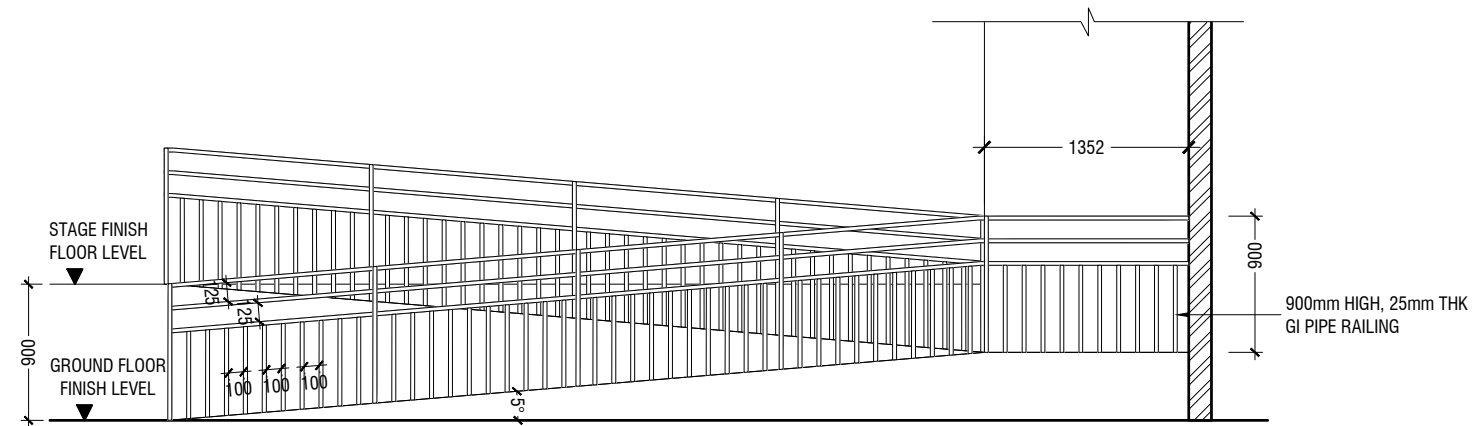
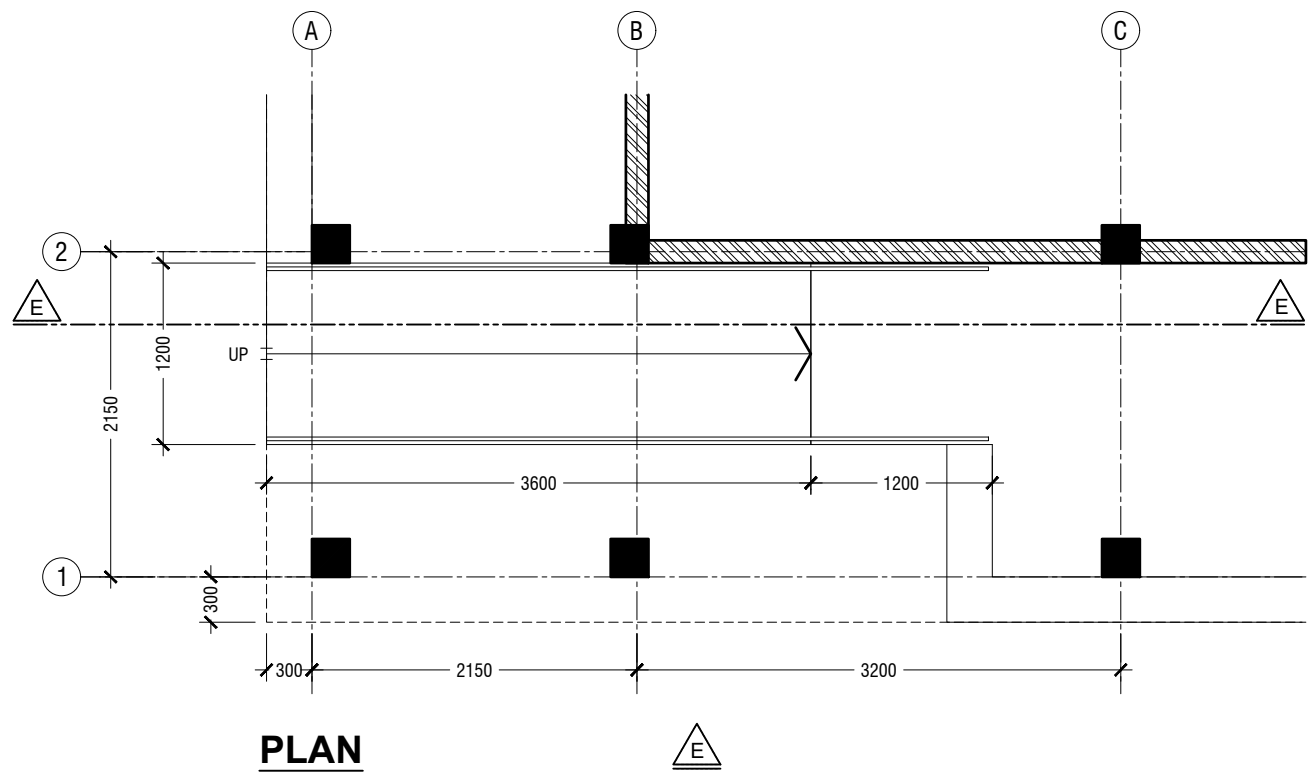
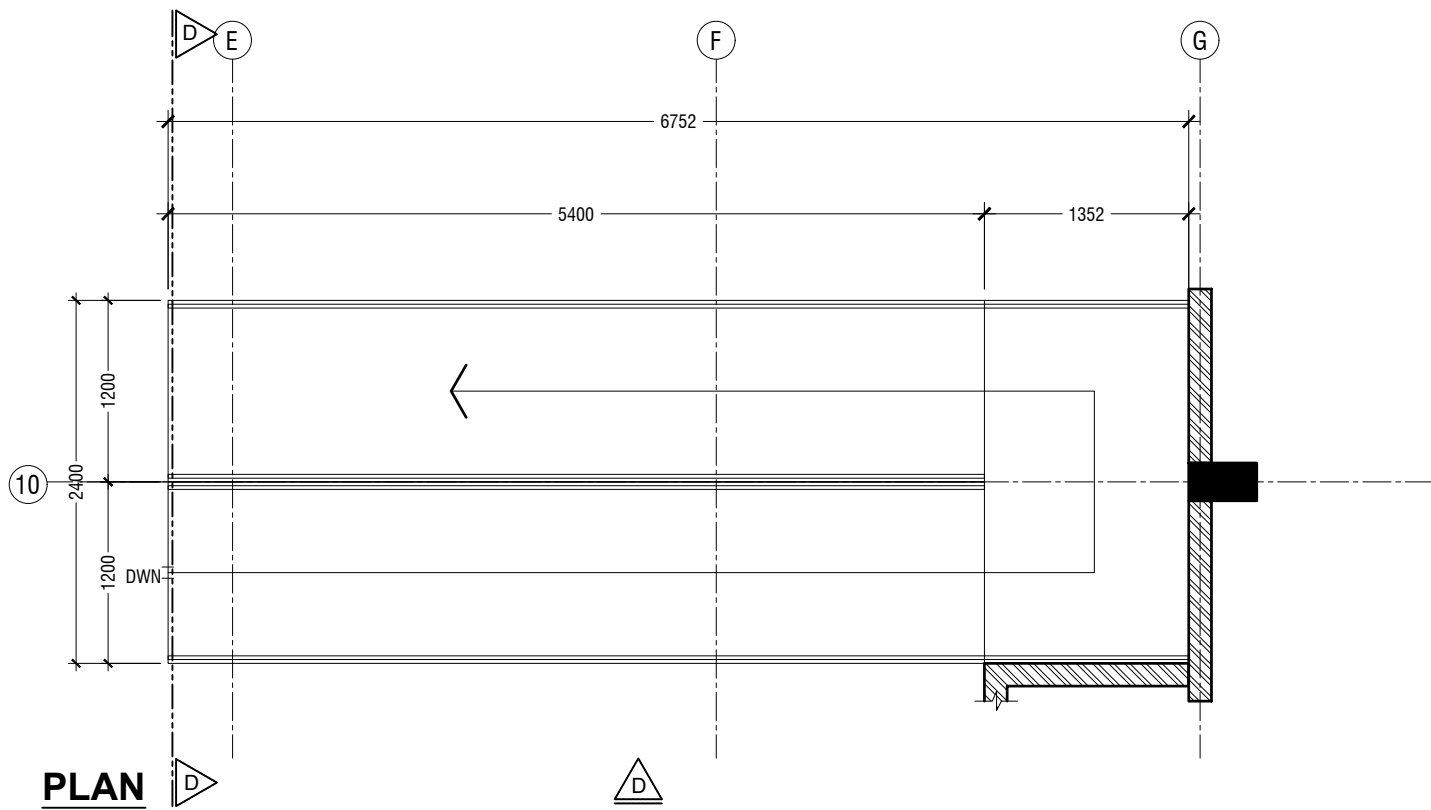
Project Number: RI/2017/012
Date: June 2019
Architect: Razana Amir
Engineer: Ahmed Zuhair Zaeem
Drawn by: Razana Amir
Services: Alshahid Ahmed
Interior: -



RIYAN PRIVATE LIMITED

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

Title: Main Staircase Detail



Lh.Kurendhoo School Hall
Client: Ministry of Education

Project Number: RI/2017/012
Date: June 2019
Architect: Razana Amir
Engineer: Ahmed Zuhair Zaeem
Drawn by: Razana Amir
Interior: Aishath Ahmed

Rev no	Date
01	11 June 2019
-	-
-	-
-	-



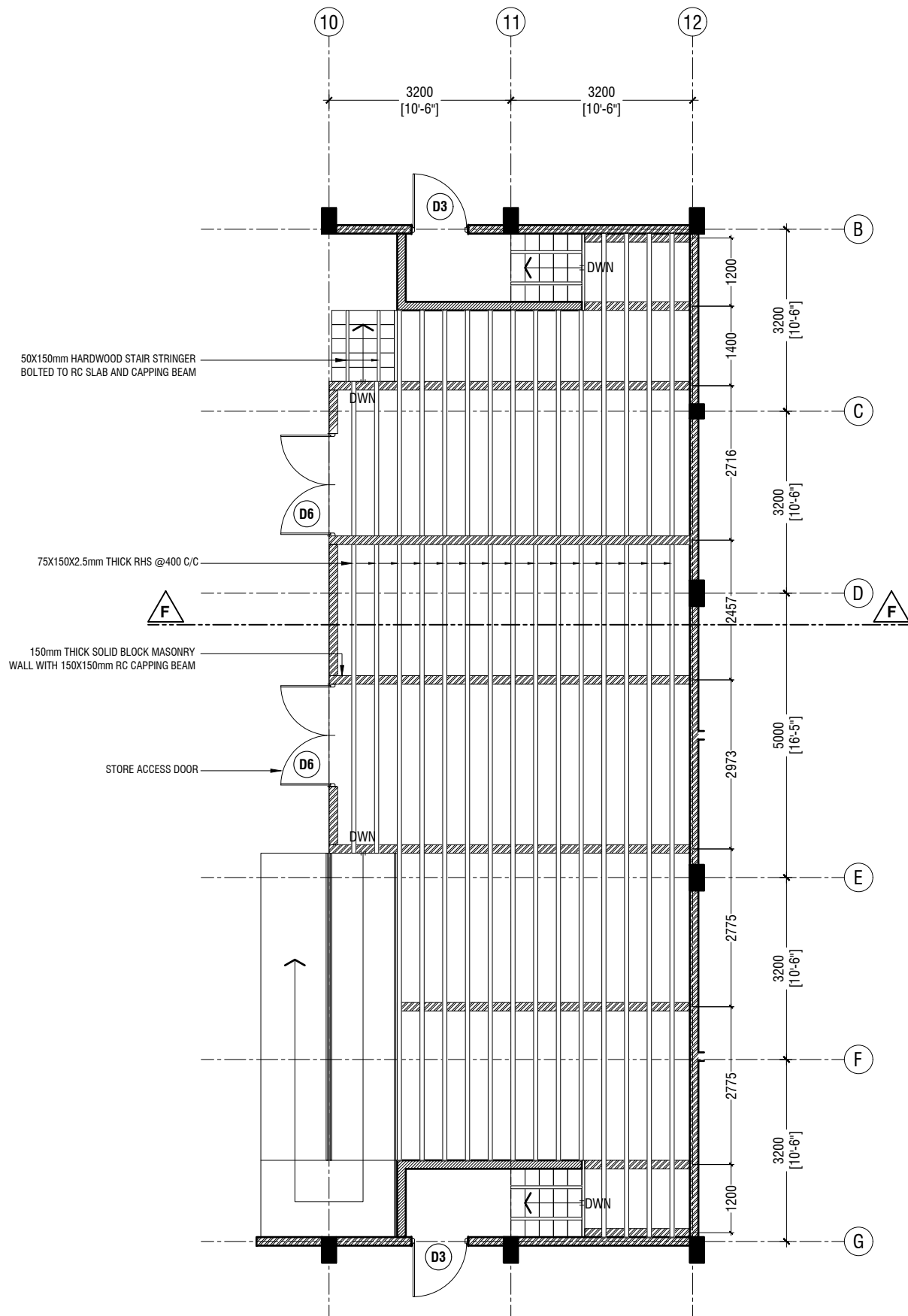
RIYAN PRIVATE LIMITED

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

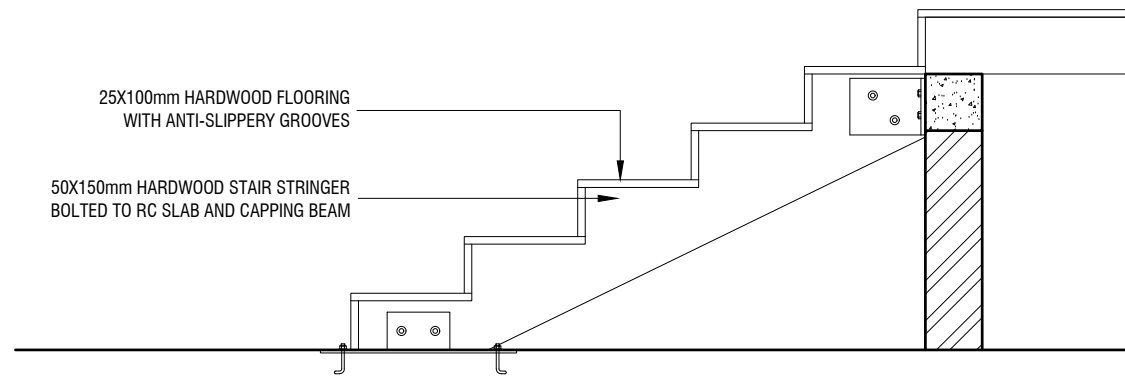
Title: Stage Ramp Detail

Page: A-18/19

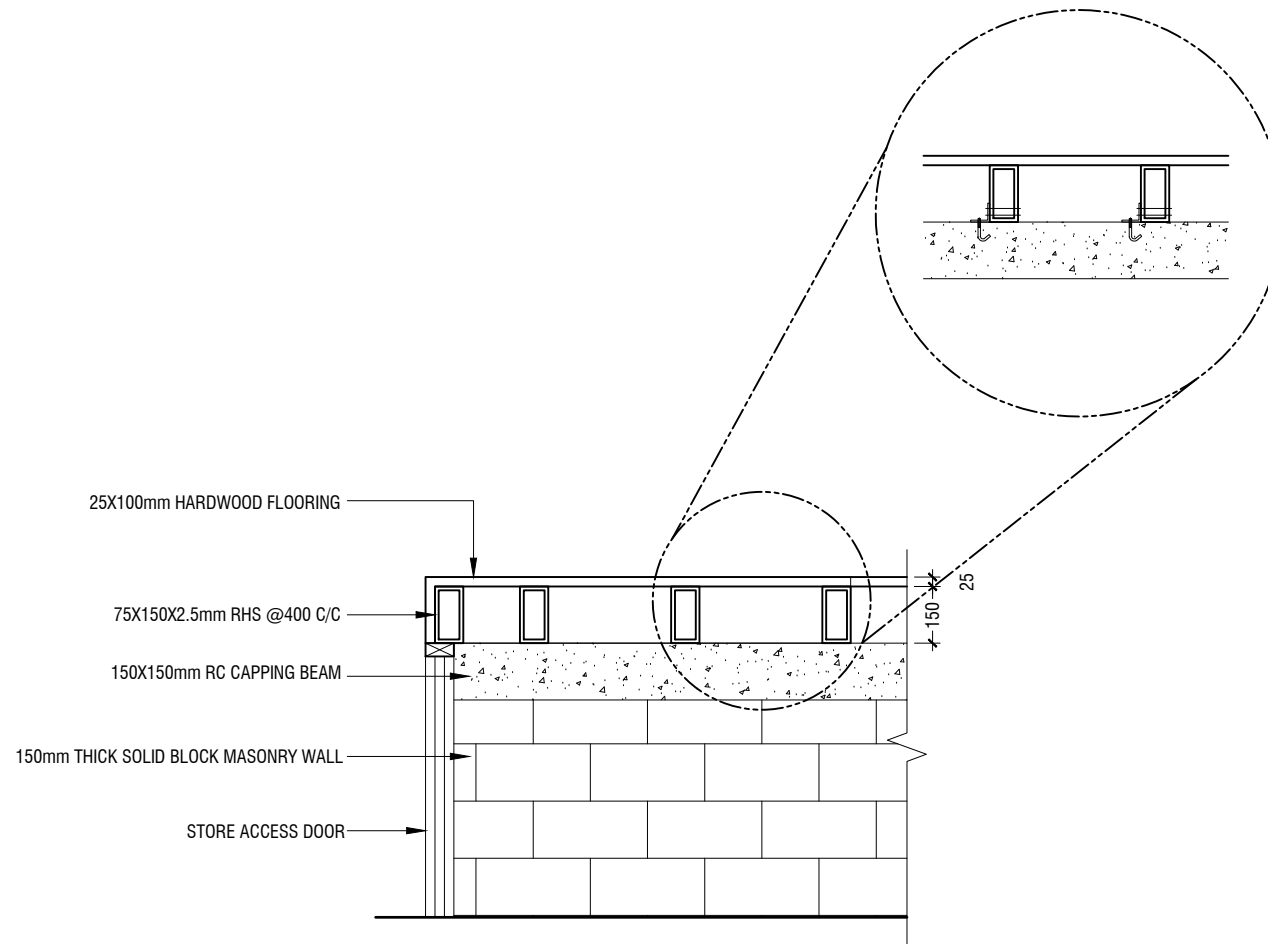
The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright



STAGE FRAMING PLAN
SCALE 1:100



STAIR DETAIL
SCALE 1:20



SECTION F-F
SCALE 1:20

Lh.Kurendhoo School Hall
Client: Ministry of Education

Project Number: RI/2017/012	Date
Date: June 2019	11 June 2019
Architect: Razana Amir	
Engineer: Ahmed Zuhair Zaeem	
Drawn by: Razana Amir	
Services: Alshath Ahmed	
Interior: -	



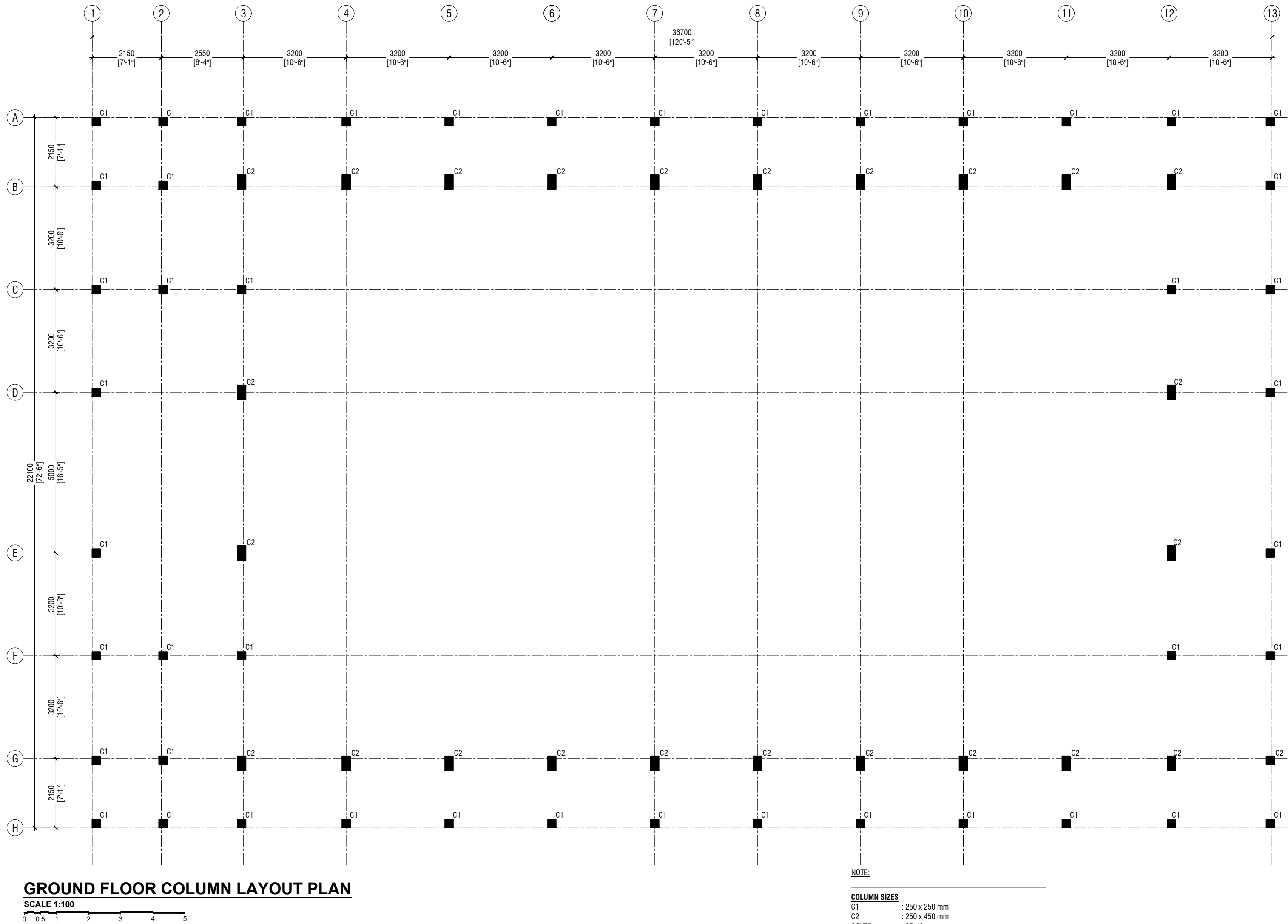
RIYAN PRIVATE LIMITED

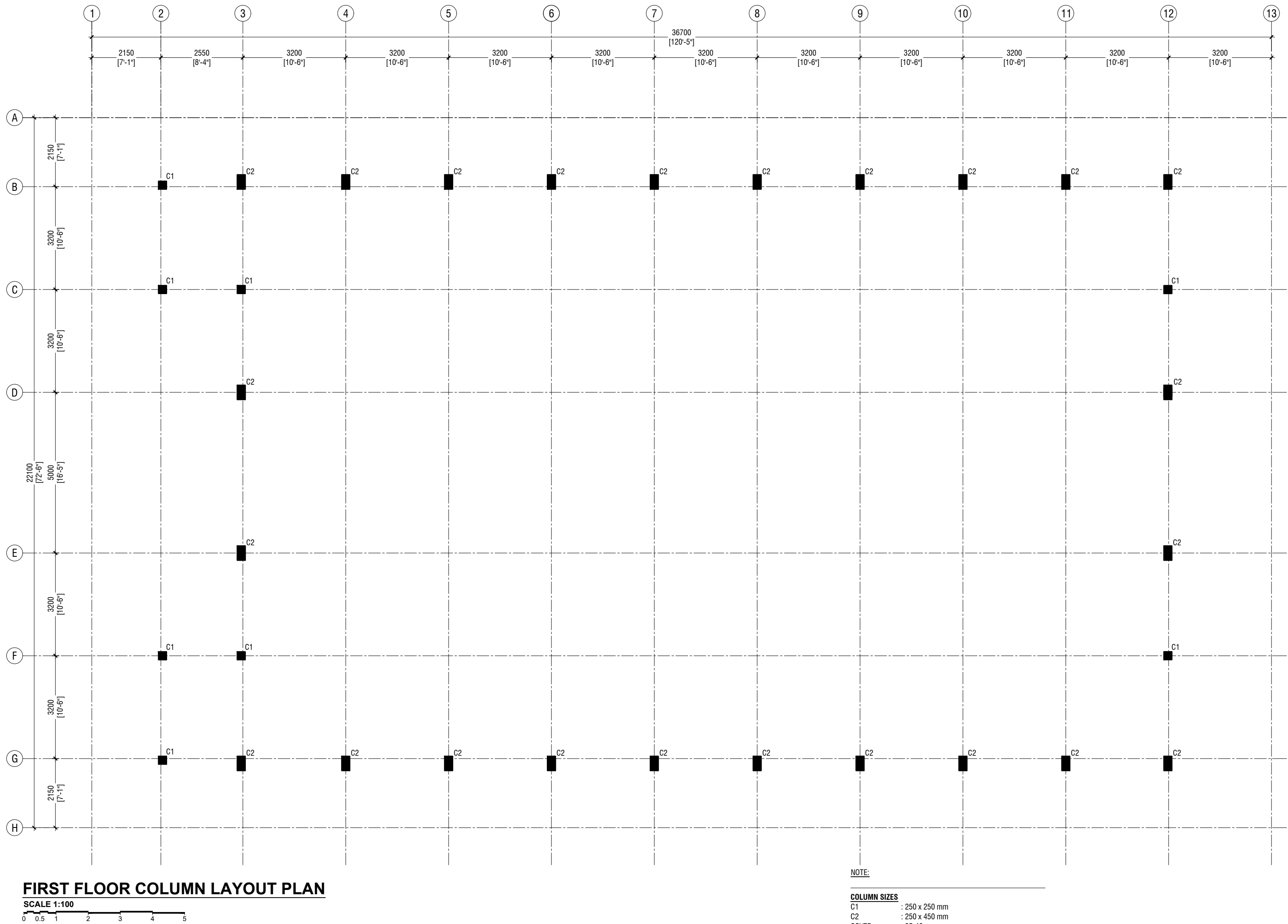
t: +9603315049 f: +9603310776
e: info@riyan.com.mv
w: www.riyan.com.mv
3rd floor, H. Azum, Ameerseemagau, Male'

Title: Stage Framing Plan & Details
& Details

Page: A-19/19

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.



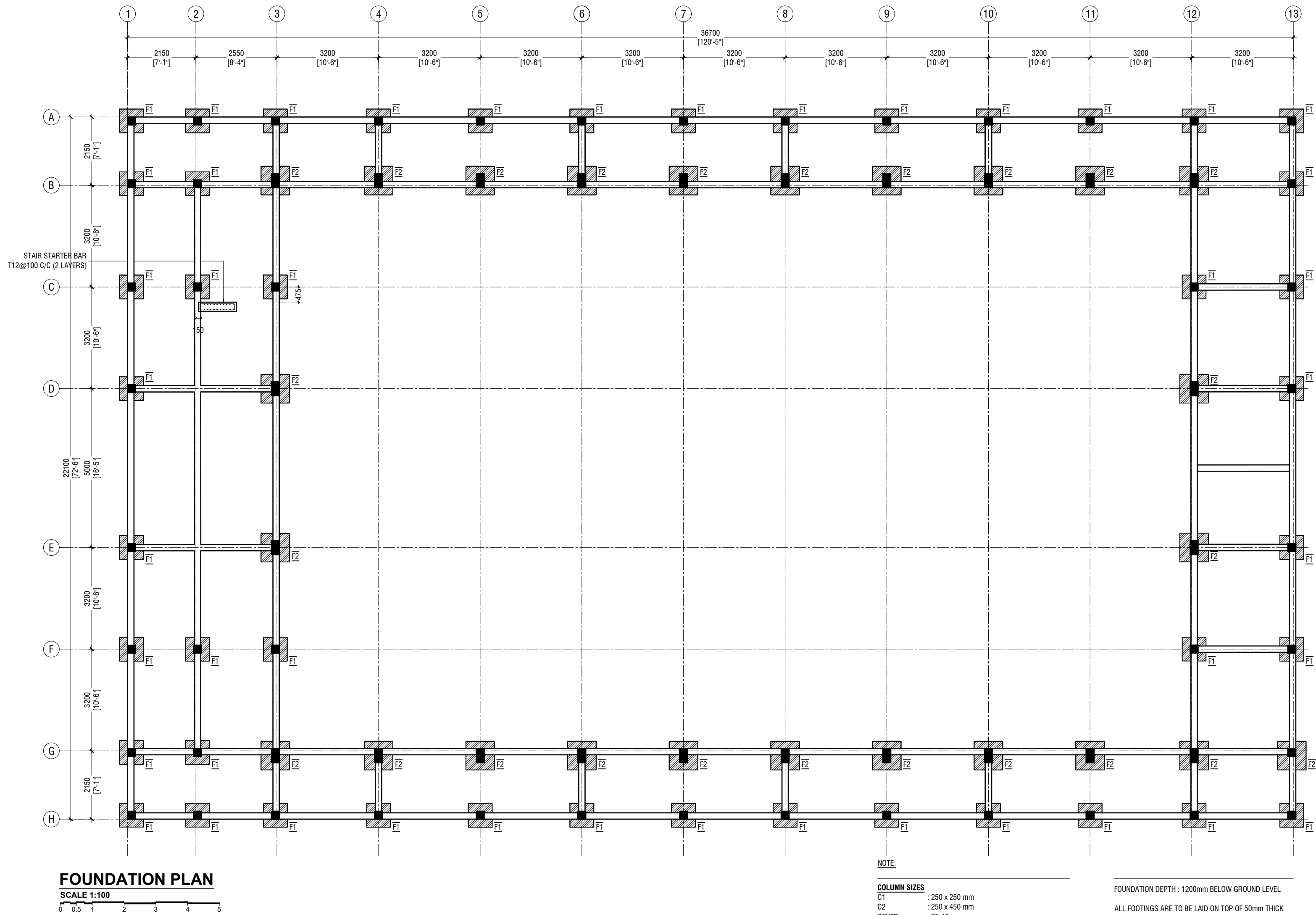


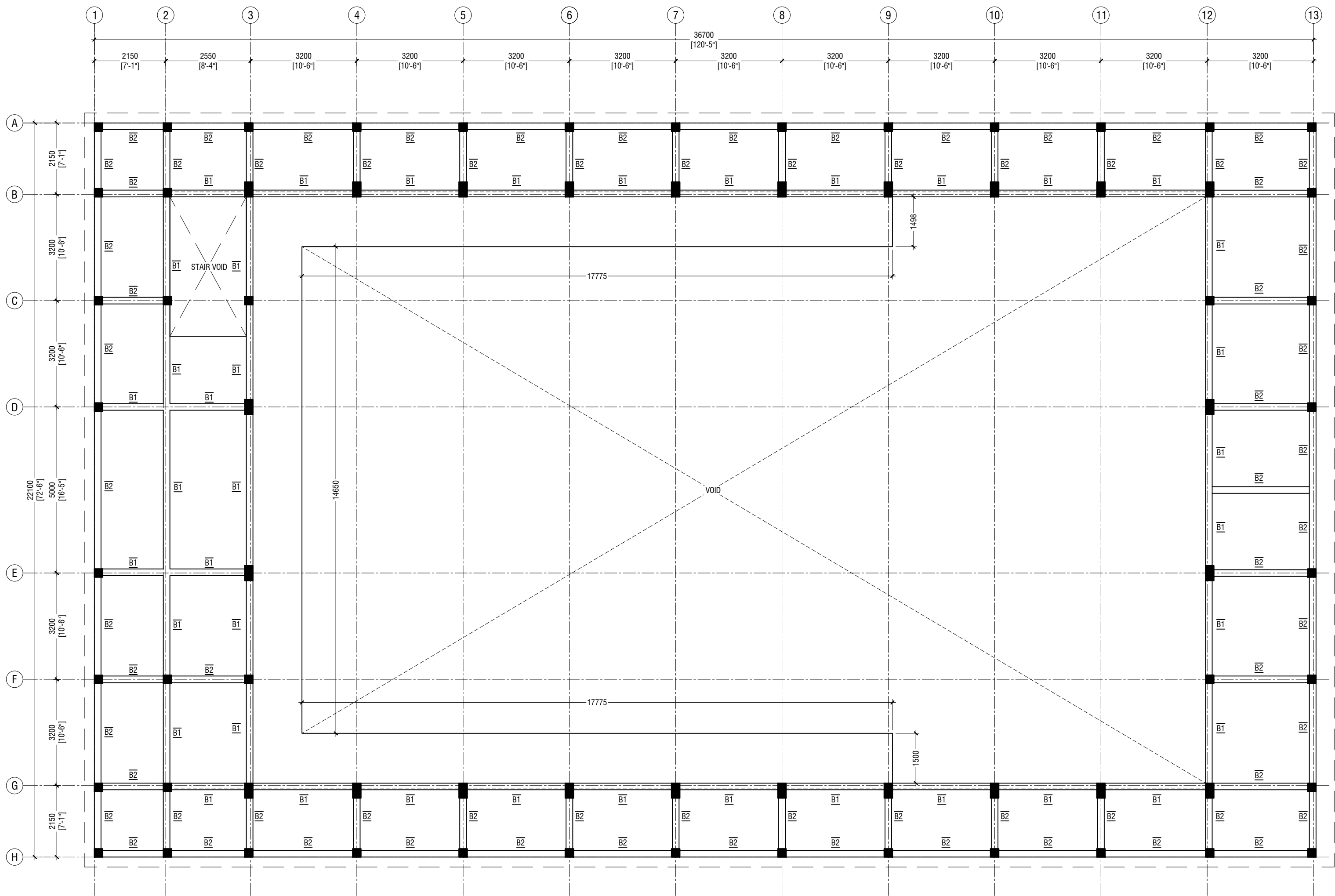
Lh. Kurendhoo School Hall
Client: Ministry of Education

Project Number: RI/2017/012
Architect: Razana Amir
Engineer: Ahmed Z. J. Al-Zaim
Drawn by: Razana Amir
Services: Al-Fatih Al-Fatih
Inspector:

Rev. no	Date
01	11 June 2019
--	-----
--	-----

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
COVER : 35-40mm

BEAM SIZES

B1 : 200x425 mm
B2 : 200x350 mm
RB : 200x300 mm
COVER : 35mm

MIX RATIO = 1:2:3 (CEMENT : SAND : AGGREGATE)

Lh. Kurendhoo School Hall
Client: Ministry of Education

Rev no	Date
01	11 June 2019
..	..
..	..

Project Number: RI/2017/012
Client: Ministry of Education
Architect: Razana Amir
Engineer: Ahmed Zuhail Zaeem
Drawn by: Razana Amir
Services: Alifathi Ahmed
Inspector: ..



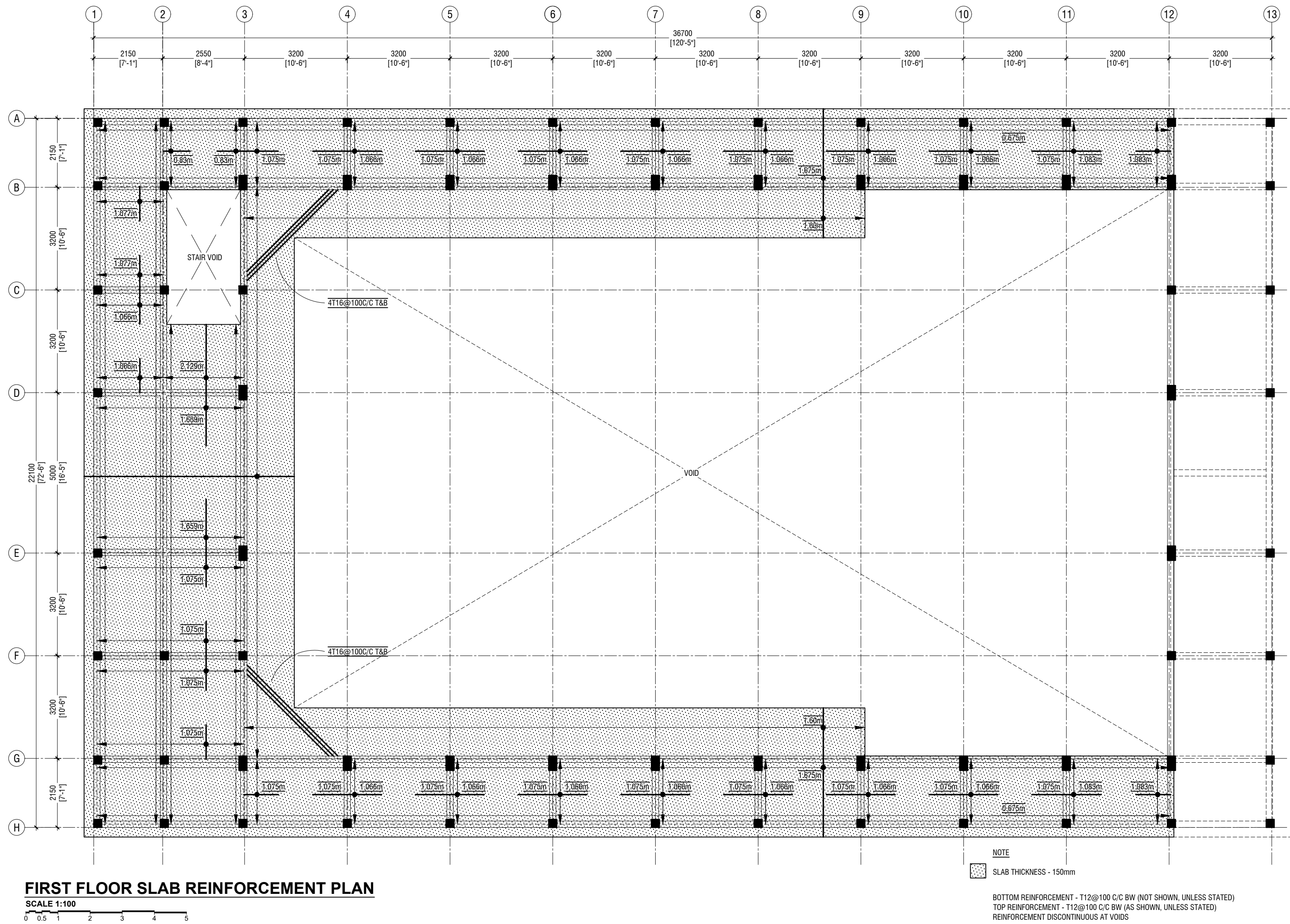
RYAN PRIVATE LIMITED

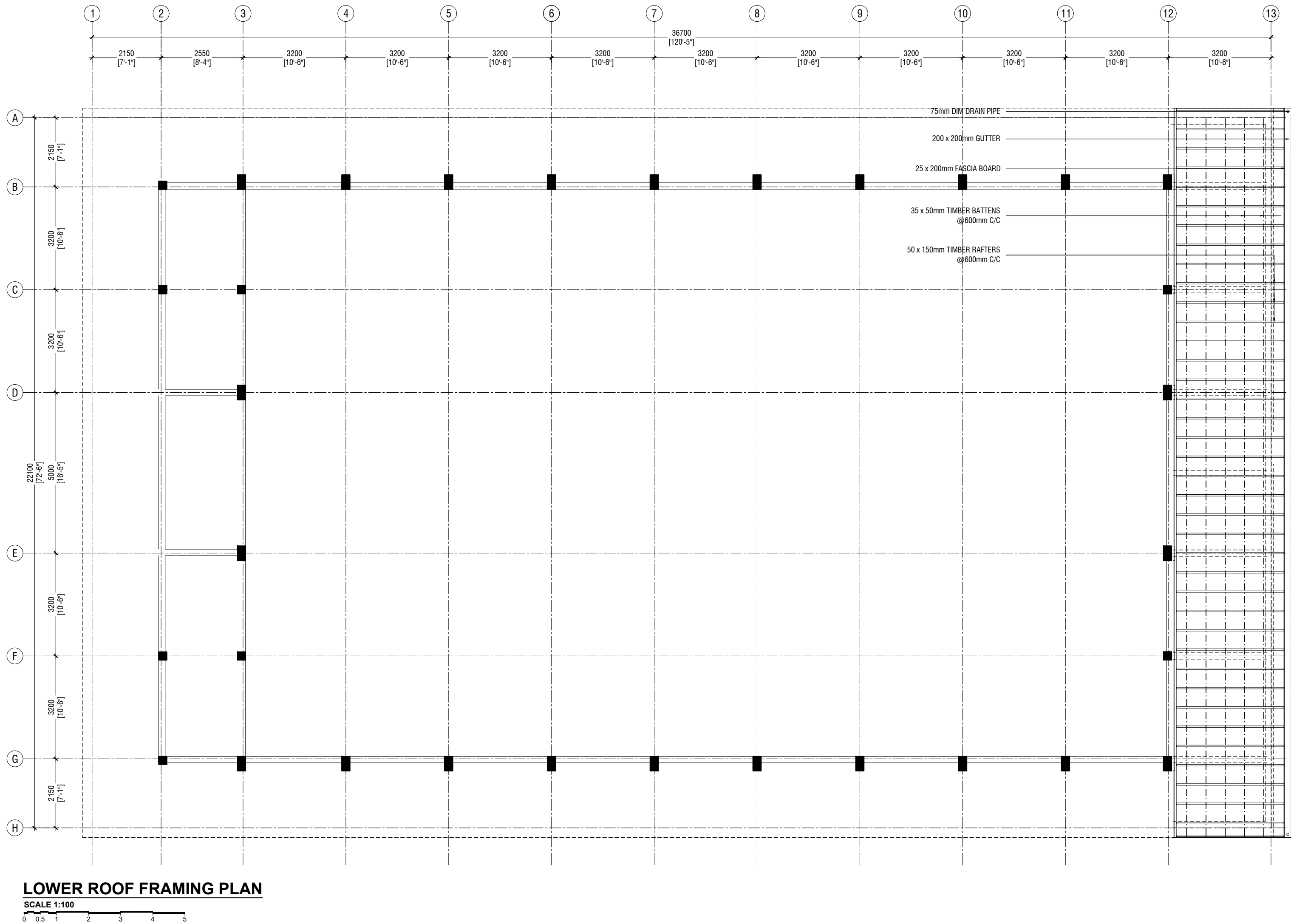
T: +960335049 F: +9603310776
E: info@ryan.com.mv
W: www.ryan.com.mv
3rd Floor, H. Azumi, Ameeremogga, Male

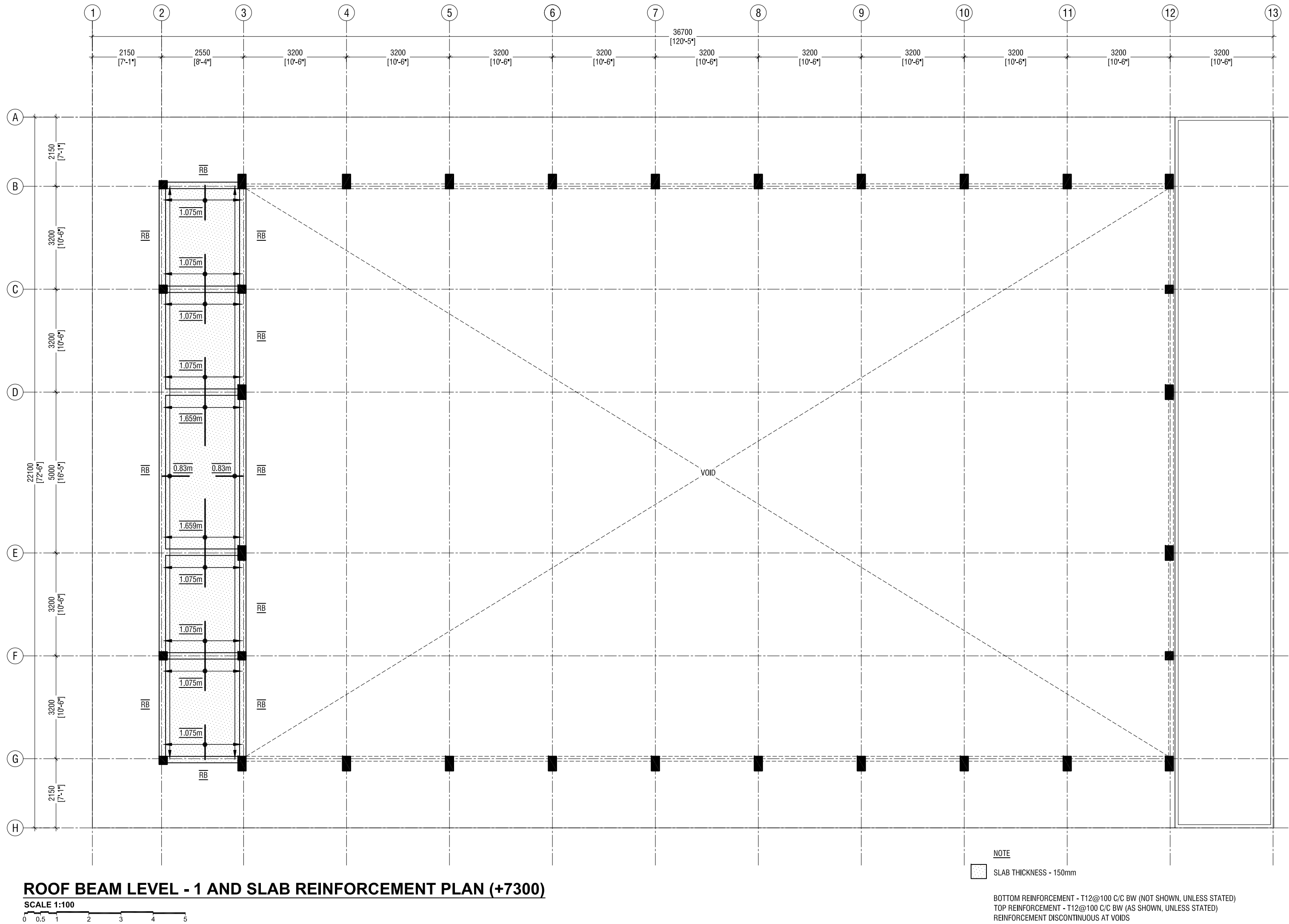
Title: 1st Floor Beam Plan

Page: S-04/11

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.



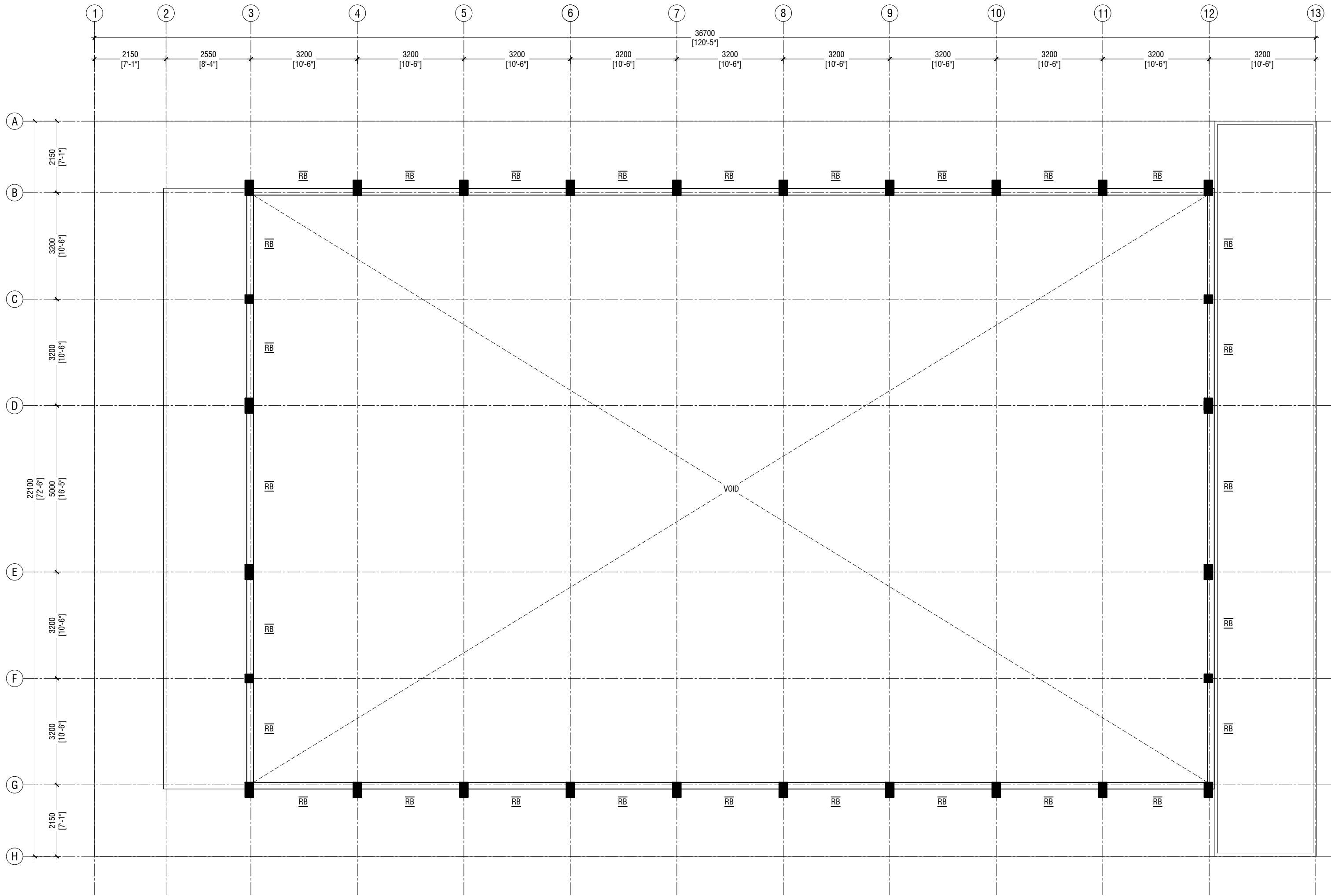




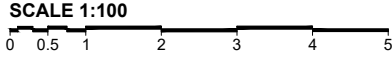
Lh.Kurendhoo School Hall
Client: Ministry of Education

Rev no	Date
01	11 June 2019

Project Number: R/2017/02
Date: June 2019
Architect: Razana Amir
Engineer: Ahmed Zuhail Zaeem
Surveyor: Razana Amir
Services: Ahsan Ahmed
Interior: -



ROOF BEAM LEVEL - 2 PLAN (+8200)



NOTE:

COLUMN SIZES

C1 : 250 x 250 mm
C2 : 250 x 450 mm
COVER : 35-40mm

BEAM SIZES

B1 : 200x425 mm
B2 : 200x350 mm
RB : 200x300 mm
COVER : 35mm

MIX RATIO = 1:2:3 (CEMENT : SAND : AGGREGATE)

Lh. Kurendhoo School Hall
Client: Ministry of Education

Rev no	Date
01	11 June 2019
02	11 June 2019
03	11 June 2019

Project Number: RI/2017/012
Client: Ministry of Education
Architect: Razana Amir
Engineer: Ahmed Z. J. Al-Zaim
Drawn by: Razana Amir
Services: Al-Fatih Al-Mid
Inspector:

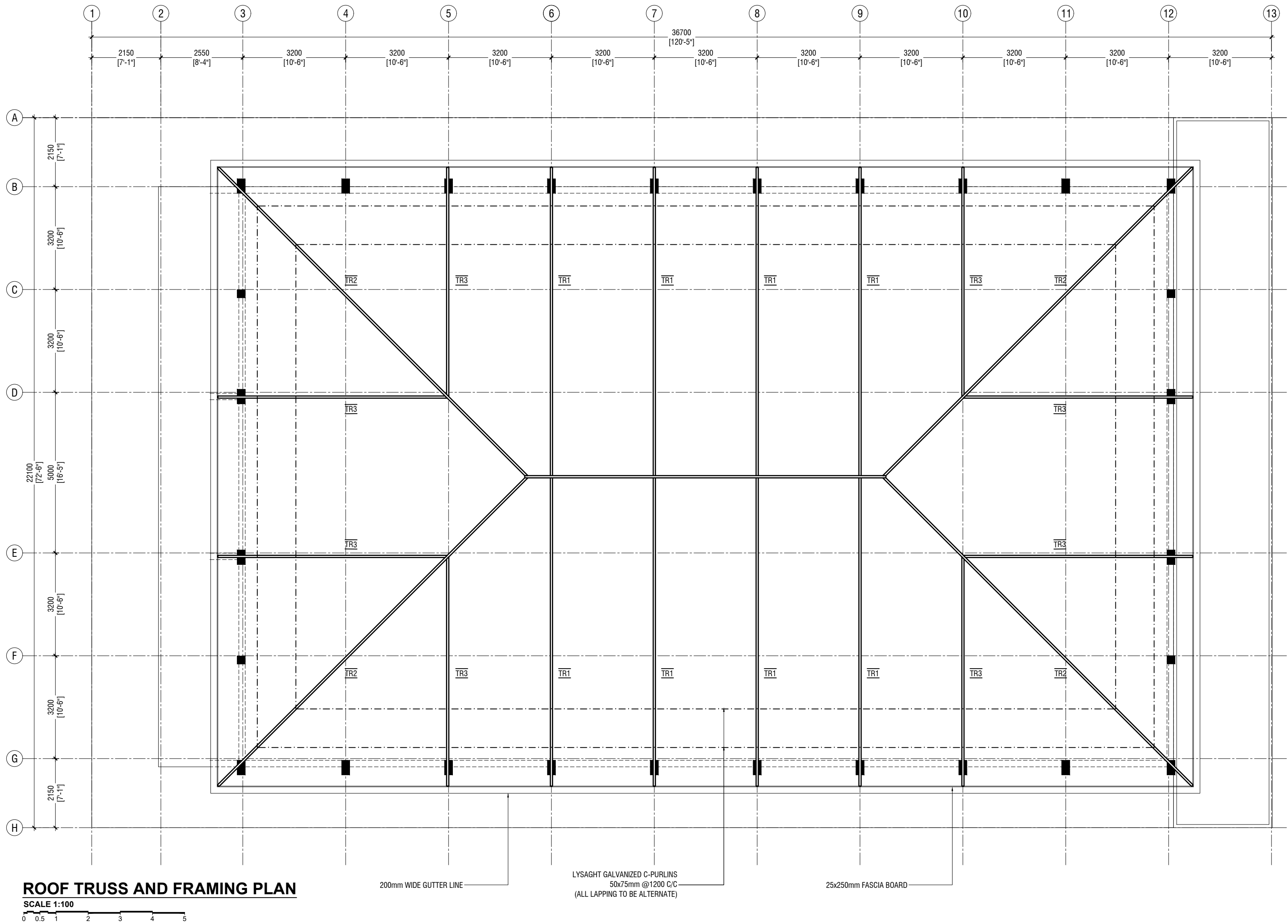


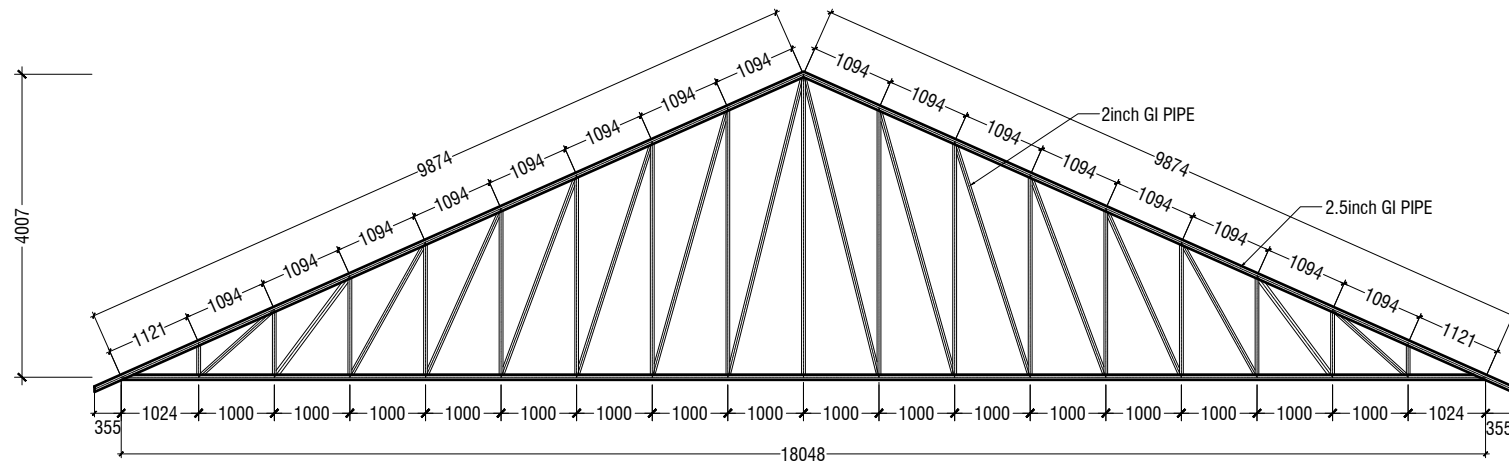
RYAN PRIVATE LIMITED
t: +960335049 f: +9603310776
e: info@ryan.com.mv
w: www.ryan.com.mv
3rd floor, H. Azumi, Ameeremogga, Male

Title: Roof Beam Level - 2 P
Plan

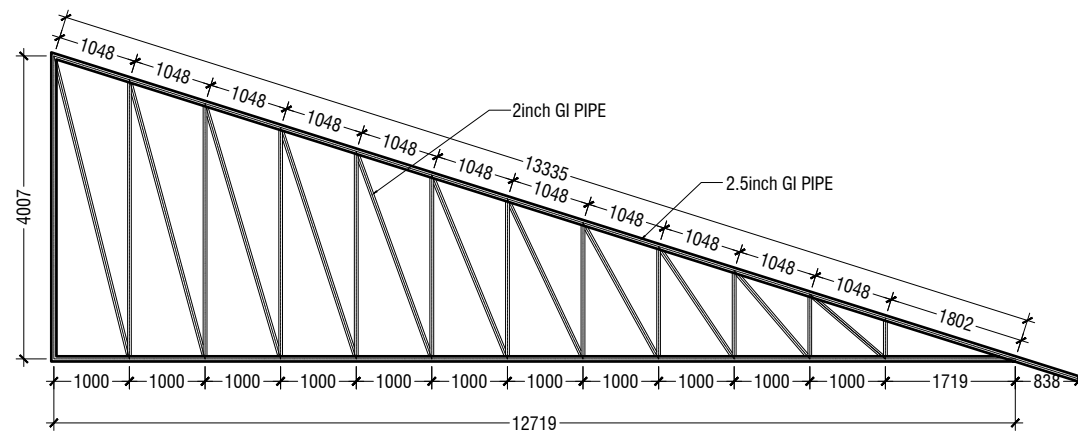
Page: S-08/11

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.

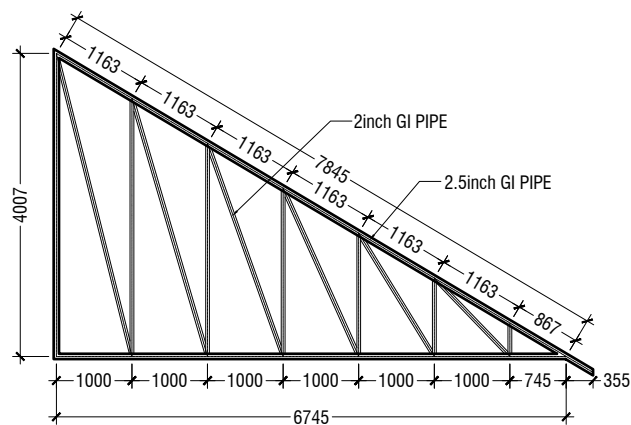




TRUSS TYPE TR1

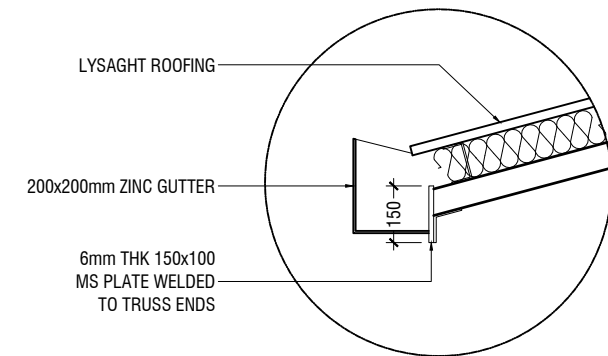
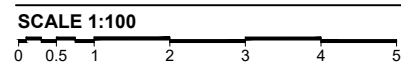


TRUSS TYPE TR2



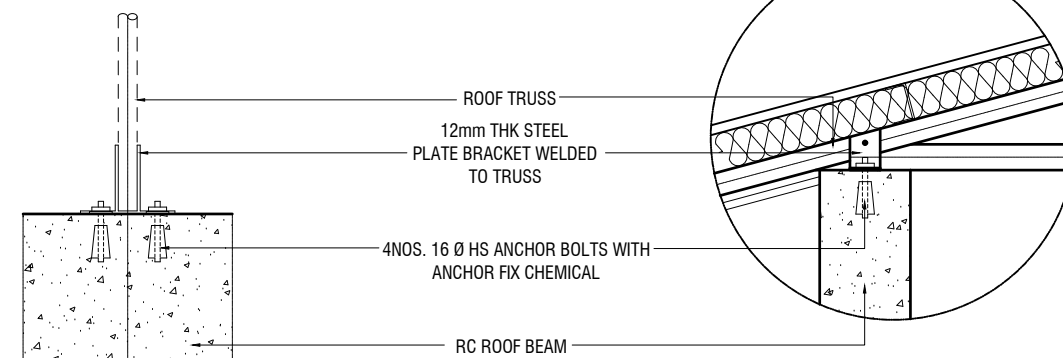
TRUSS TYPE TR3

ROOF TRUSS DETAILS



GUTTER/FASCIA DETAIL

SCALE 1:20



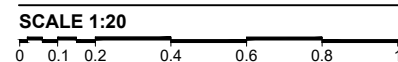
ELEVATION

SCALE 1:20

SECTION

SCALE 1:20

TYPICAL TRUSS FIXING DETAILS



Lh.Kurendhoo School Hall
Client: Ministry of Education

Rev no	Date
01	11 June 2019
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

Project Number: RI/2017/012
Date: June 2019
Architect: Razana Amir
Engineer: Ahmed Zuhair Zaeem
Drawn by: Razana Amir
Services: Alshath Ahmed
Interior: -



RYAN PRIVATE LIMITED

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

Title: Roof Truss Details

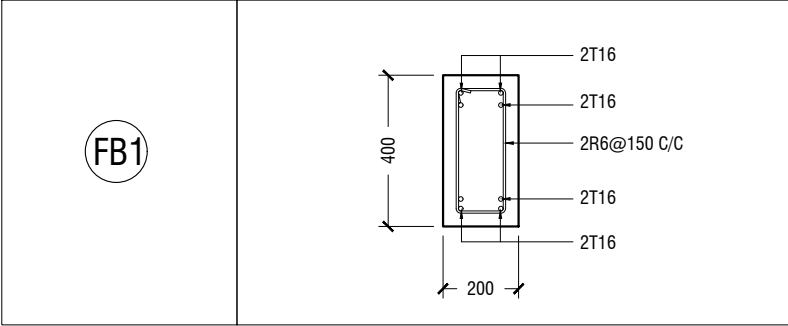
	DIMENSION	REINFORCEMENT
F1	750 x 750 x 250	T10@150 C/C B/W (B)
F2	900 x 900 x 300	T10@100 C/C B/W (B)

FOUNDATION DEPTH = 1200mm

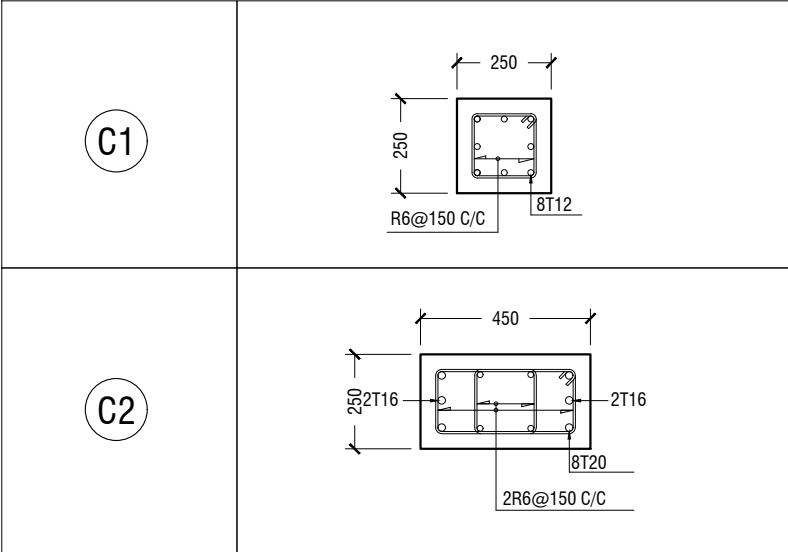
NOTE:-
COVER TO FOUNDATION = 50mm
COVER TO COLUMNS = 35-40mm
COVER TO BEAMS = 35mm
LAPS = Ø OF BAR x 45
BEAMS @END SUPPORT = Ø OF BAR x 12

MIX RATIO = 1:2:3 (CEMENT : SAND : AGGREGATE)

FOUNDATION PADS

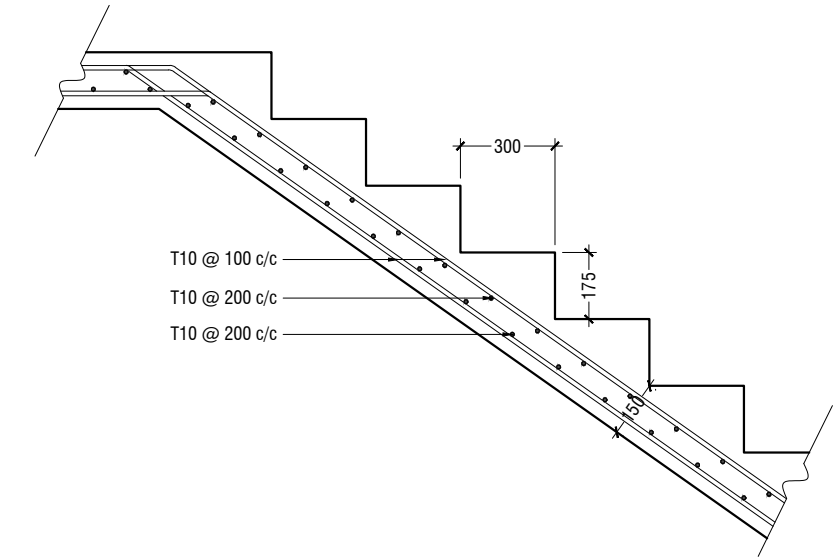


FOUNDATION DETAILS

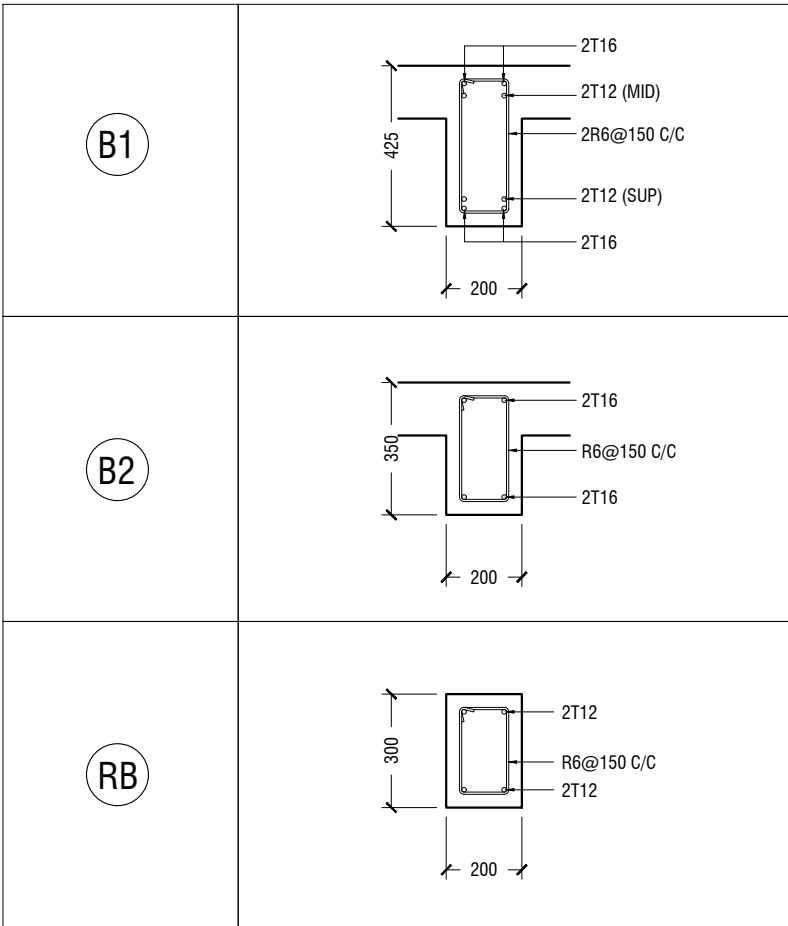


COLUMN DETAIL

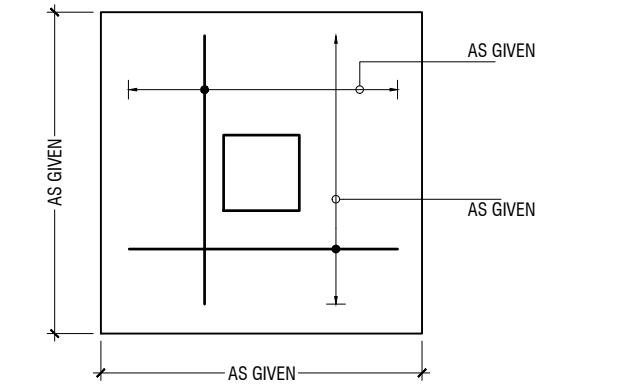
STRUCTURAL DETAILS



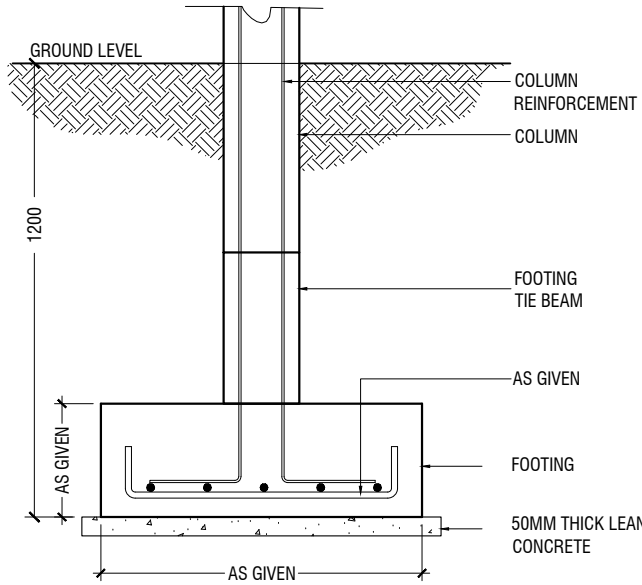
MAIN STAIRCASE REINFORCEMENT DETAIL



BEAM DETAIL



PLAN



SECTION

FOOTING DETAILS

Lh.Kurendhoo School Hall

Client: Ministry of Education

Project Number: RI/2017/012

Date: June 2019

Architect: Razana Amir

Engineer: Ahmed Zuhair Zaeem

Drawn by: Razana Amir

Services: Alshath Ahmed

Interior:-

Rev no	Date
01	11 June 2019
-	-
-	-
-	-

RIYAN PRIVATE LIMITED

t: +9603315049

f: +9603310776

e: info@riyan.com.mv

w: www.riyan.com.mv

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

Title: Structural Details

Page: S-11/11

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