

Proposed Multipurpose Hall Building at R.Ungoofaru School

Client: Ministry of Education

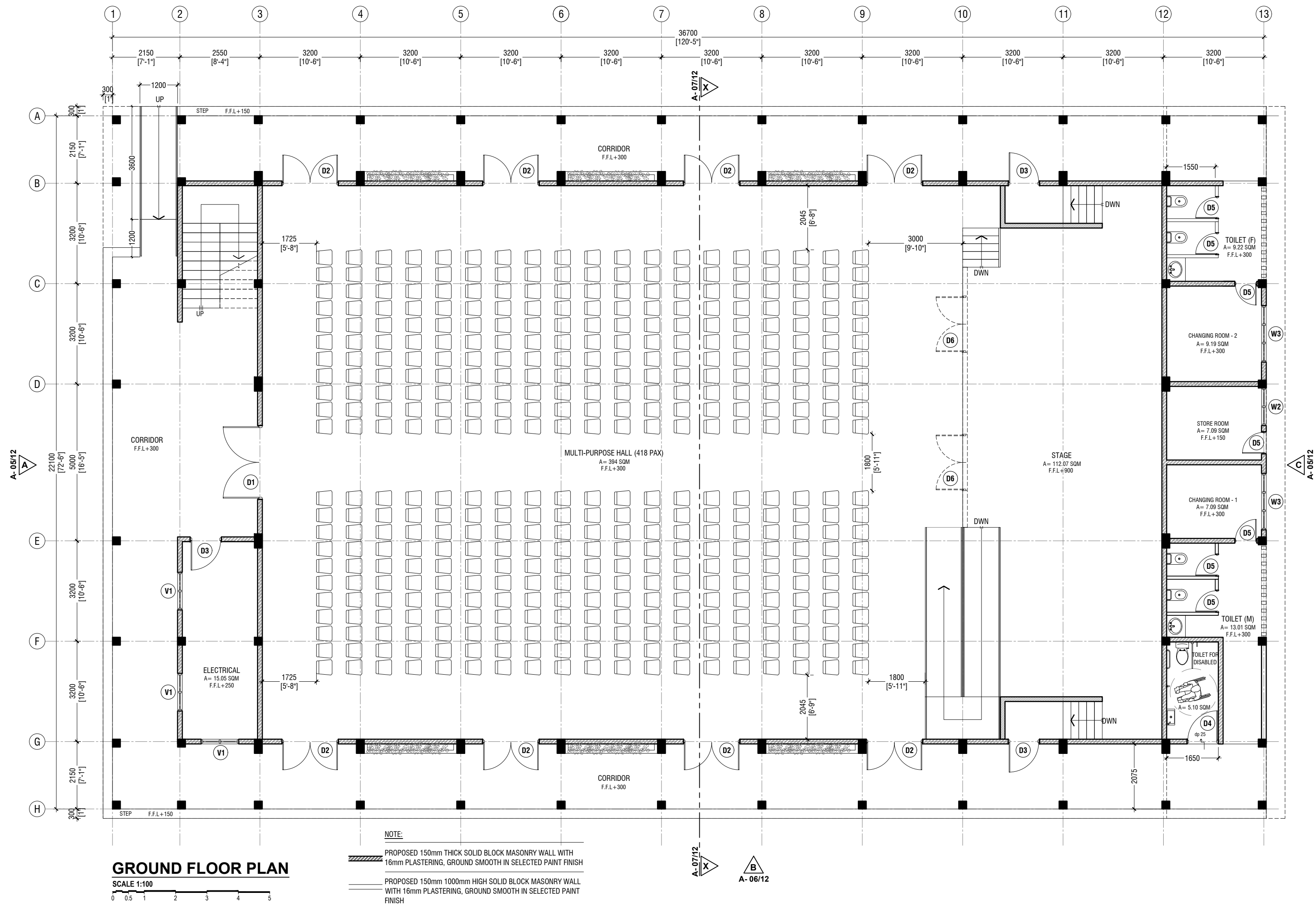


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3rd floor, H. Azum, Ammeenemagu, Male'

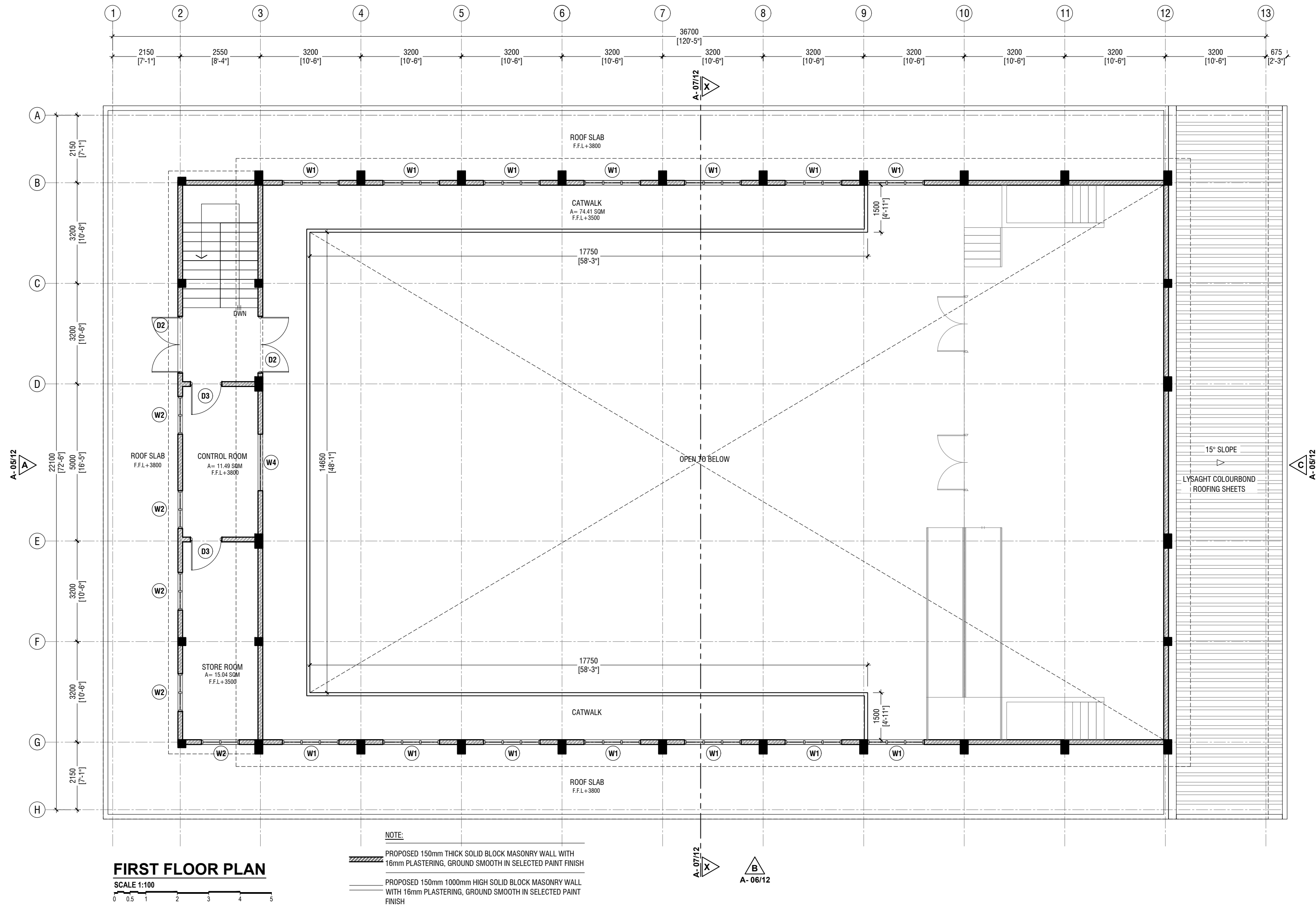
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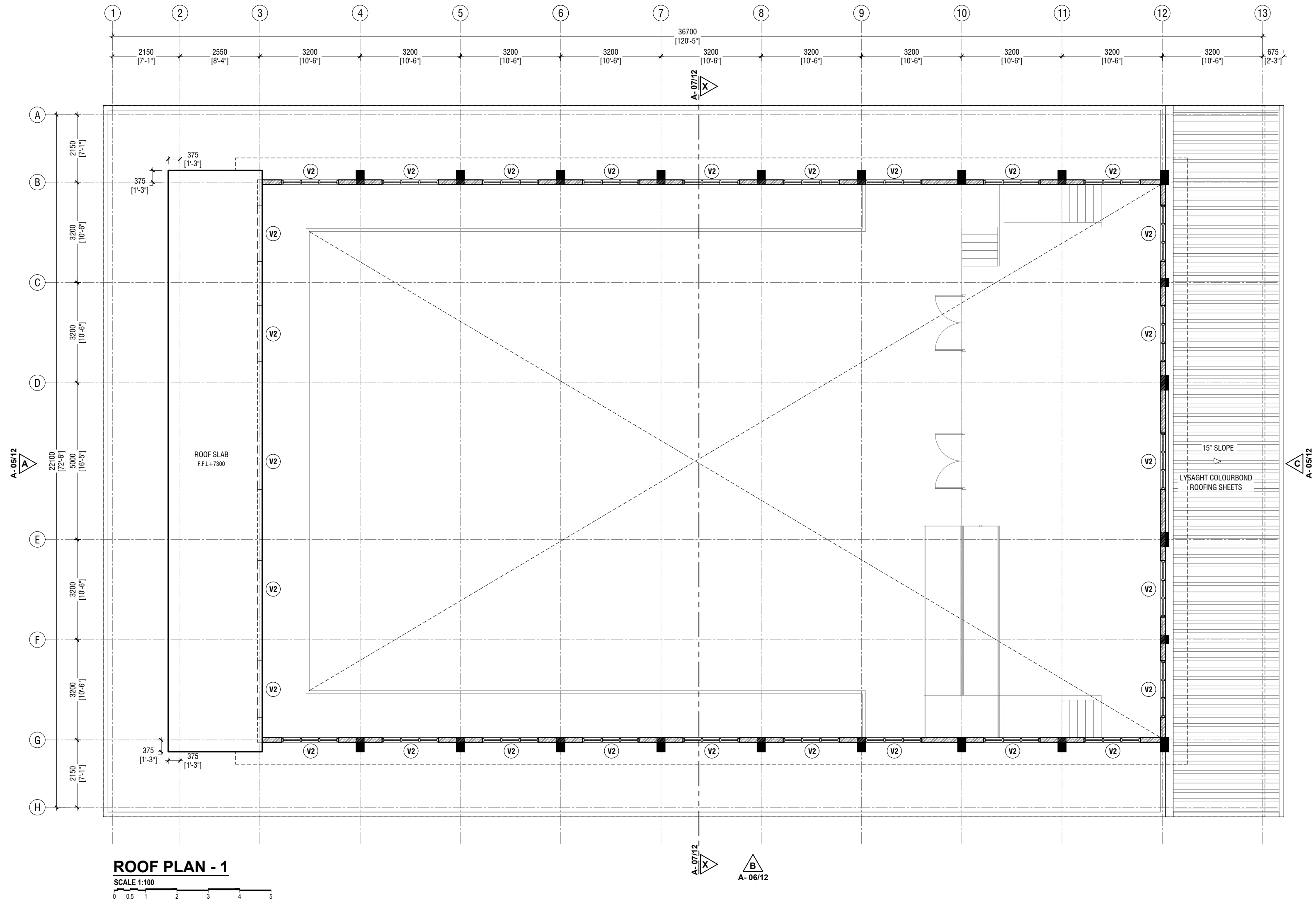
R. Ungoofaru School Hall
Client: Ministry of Education

Rev no	Date
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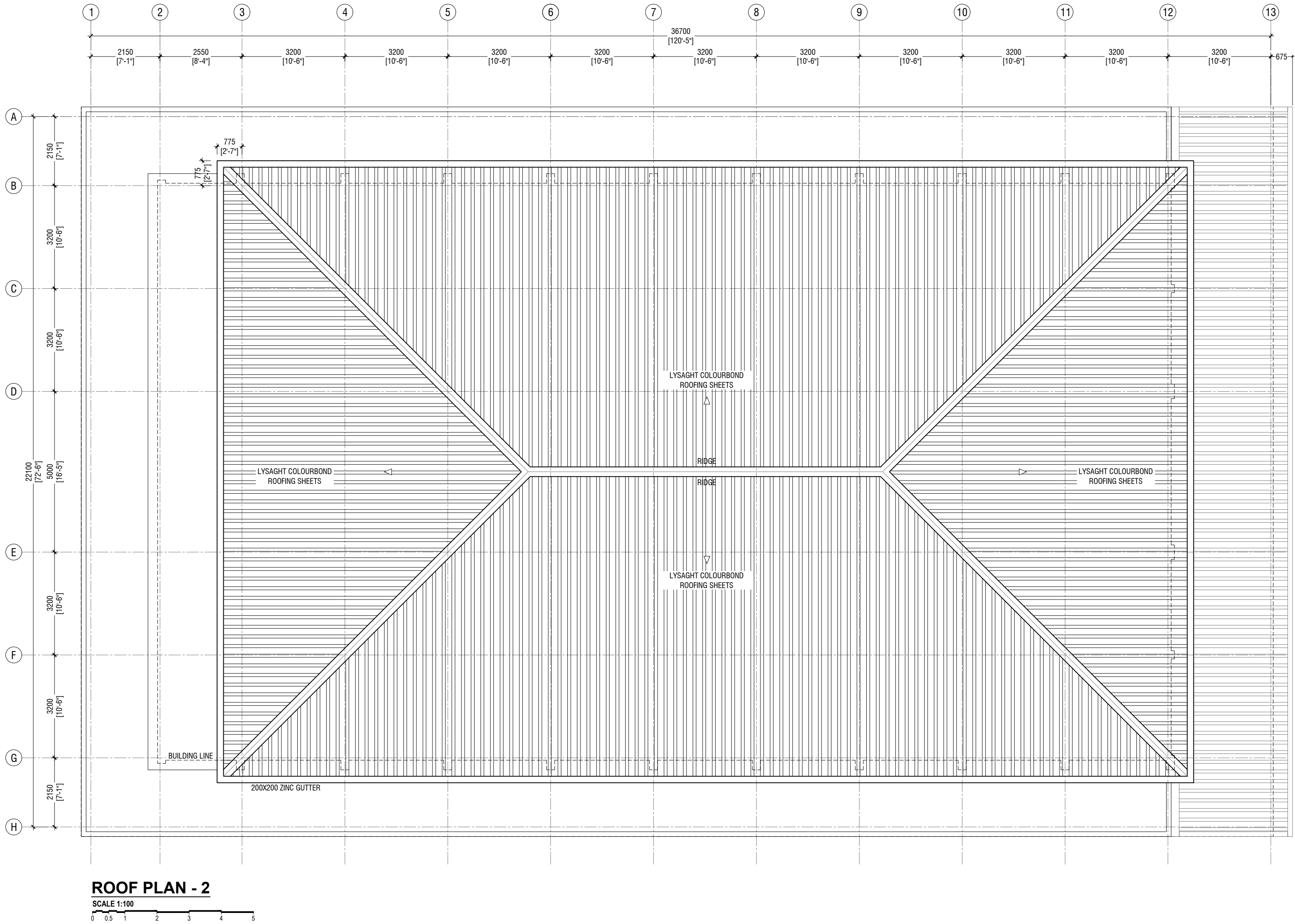
R. Ungoofaru School Hall
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ROOF PLAN - 2

SCALE 1:100

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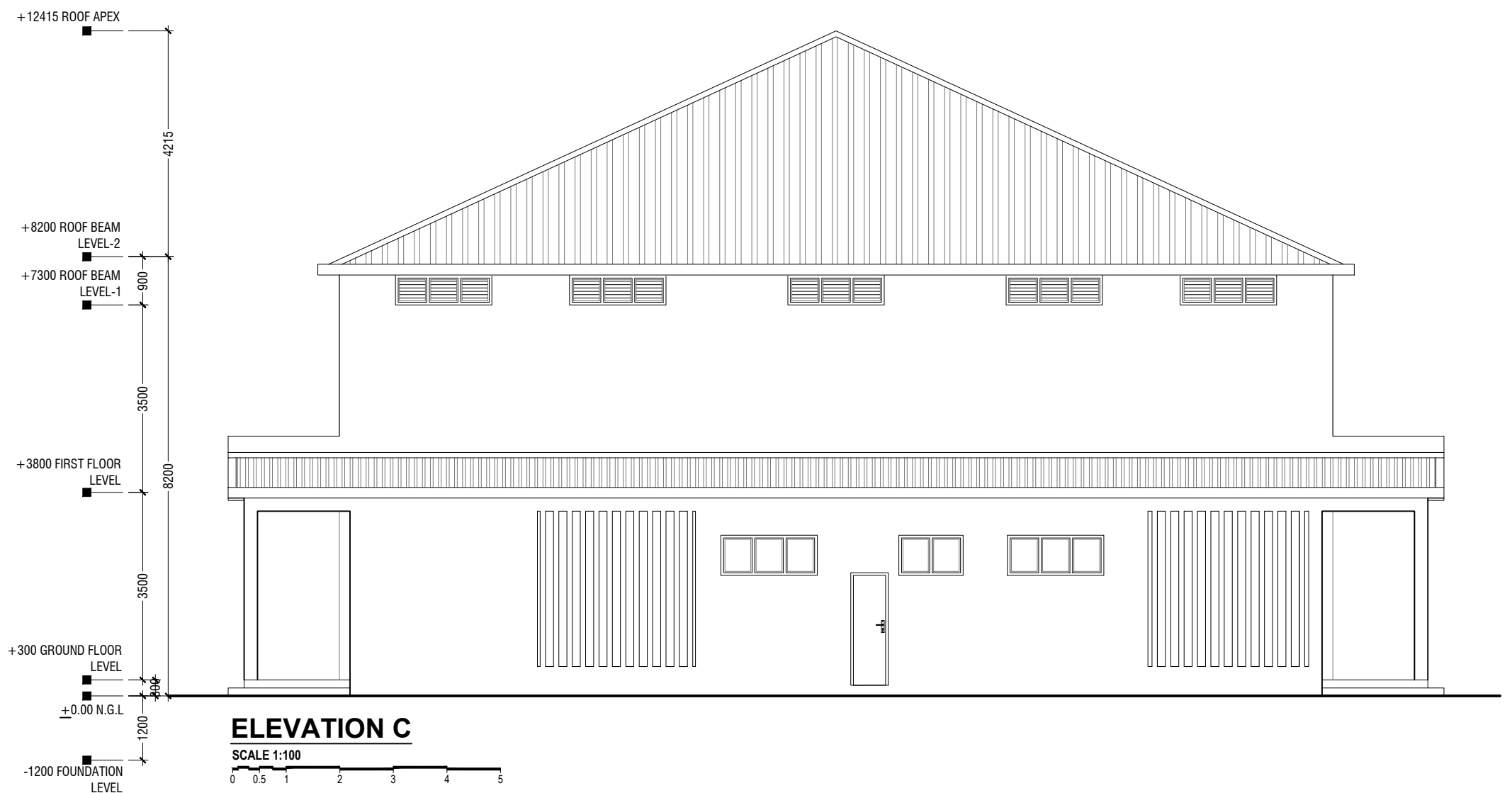
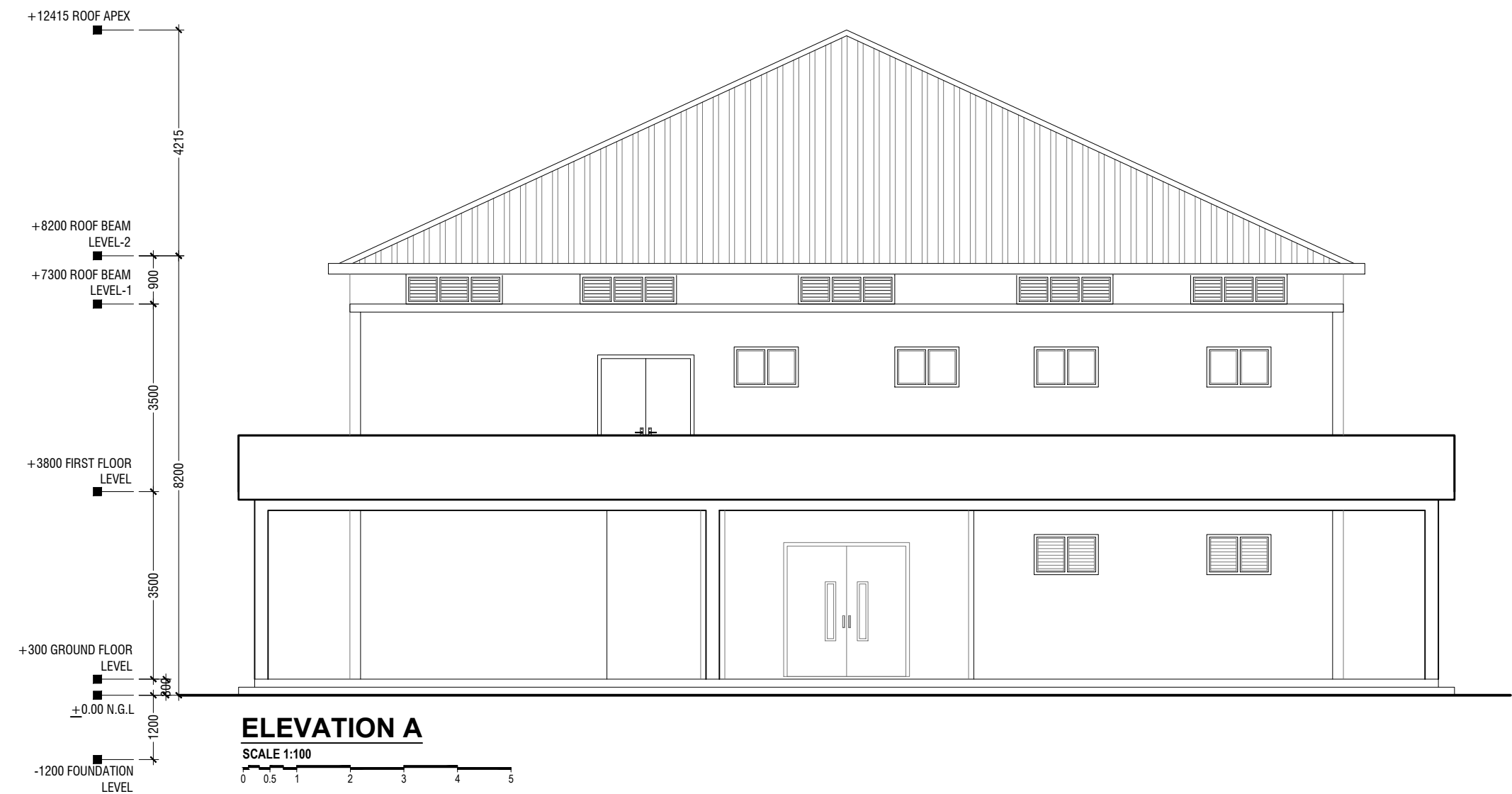


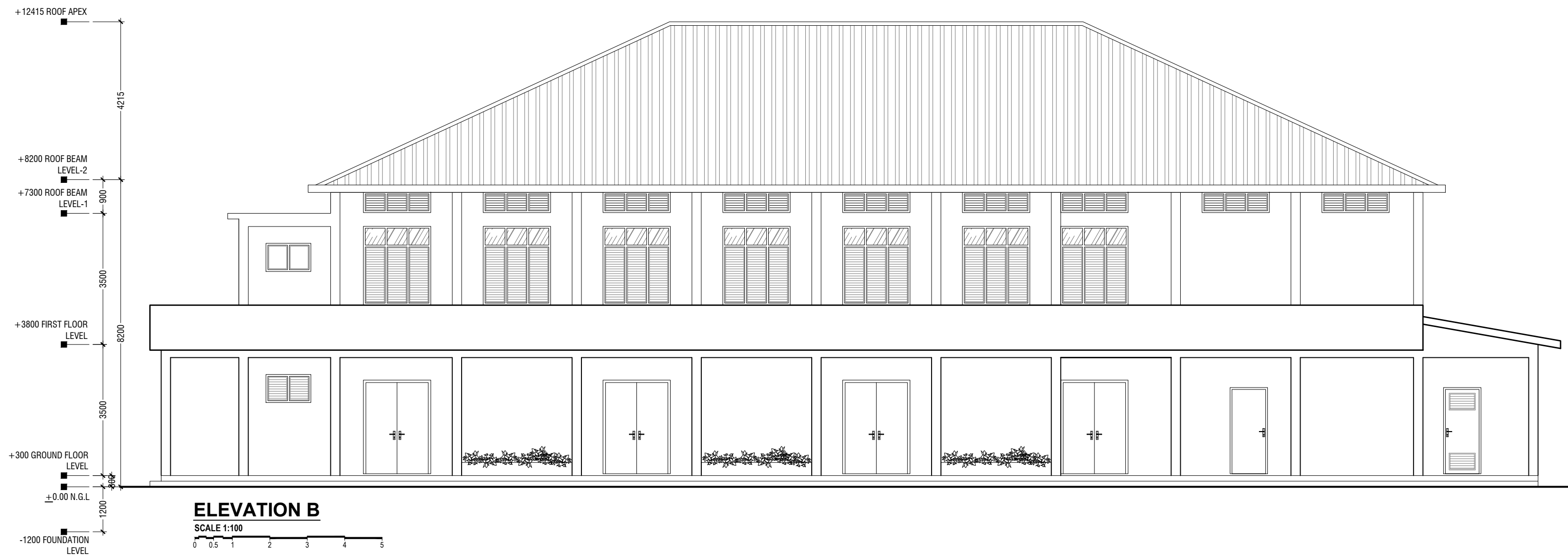
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Title: Roof Plan - 2

Page: A-04/19

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Rev no		Date
01	01	01/04/2019
02	02	02/04/2019
03	03	03/04/2019
04	04	04/04/2019
05	05	05/04/2019
06	06	06/04/2019
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Project Number: R/2017/02
Date: April 2019
Client: Ministry of Education
Engineer: Ahmed Zuhair Zaeem
Drawn by: Razana Amir
Services: Architectural
Interior

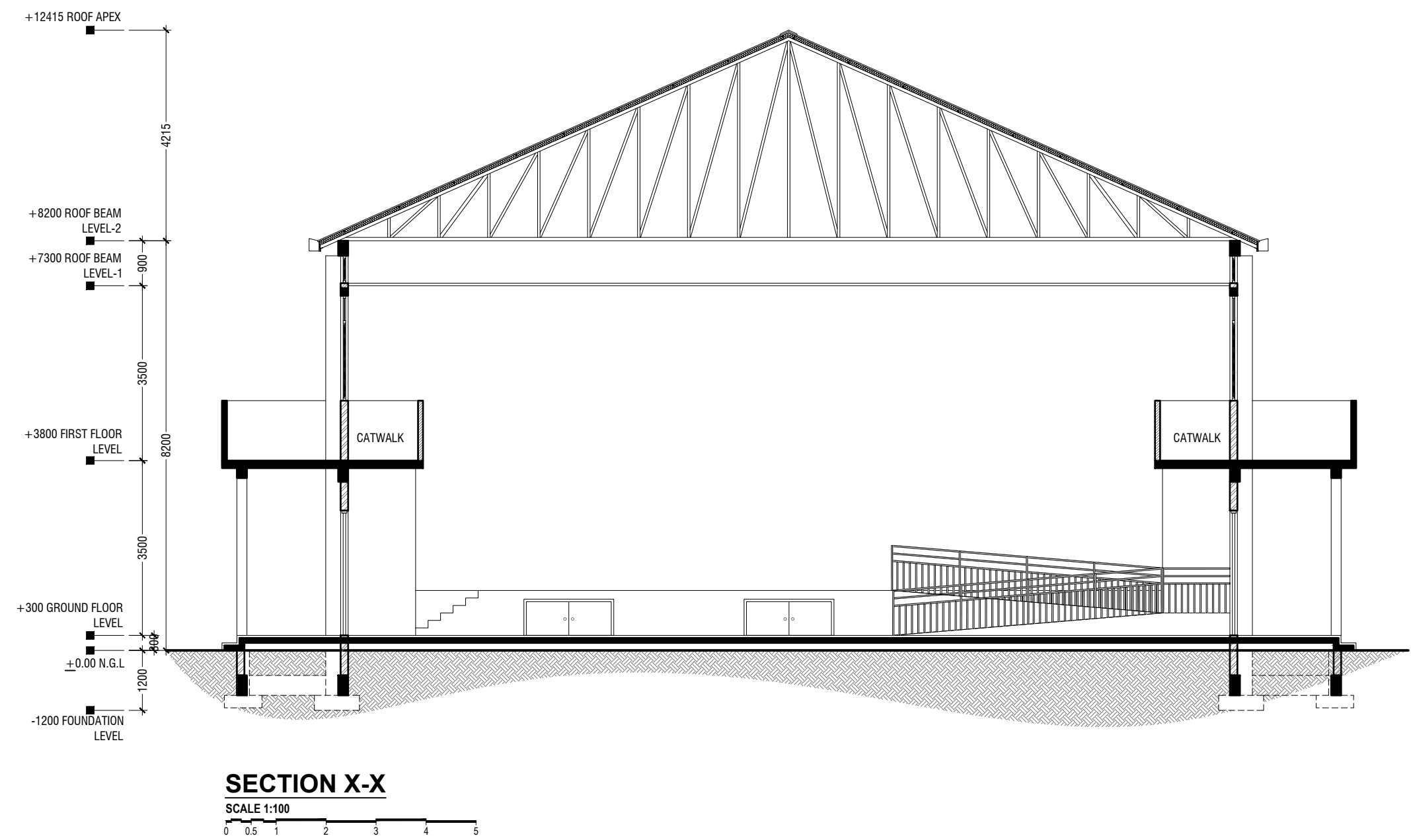


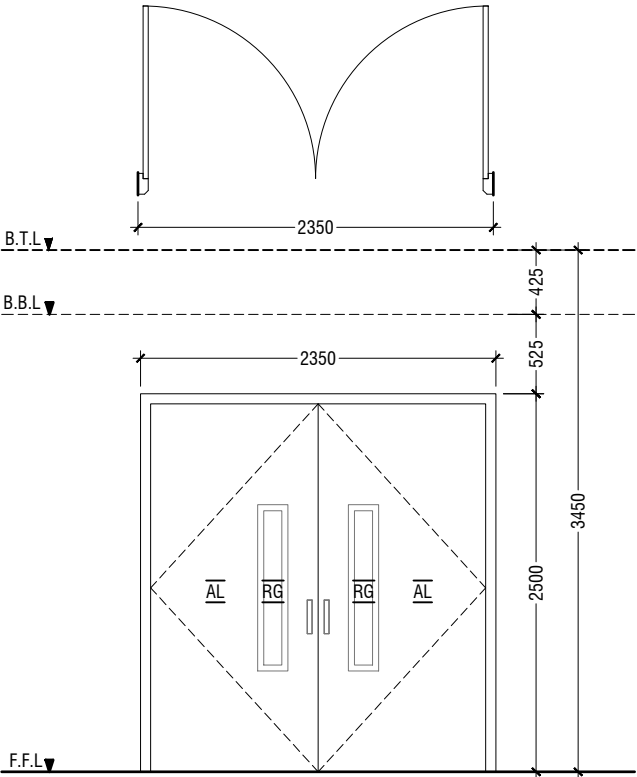
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Title: Elevation B

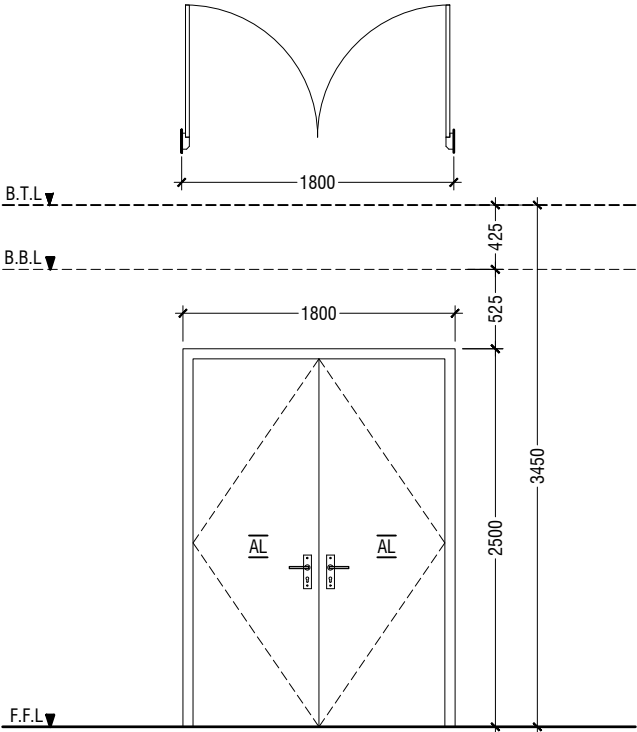
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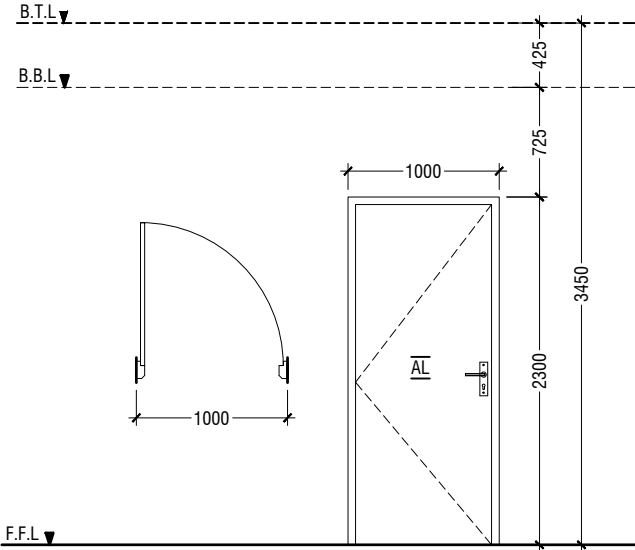




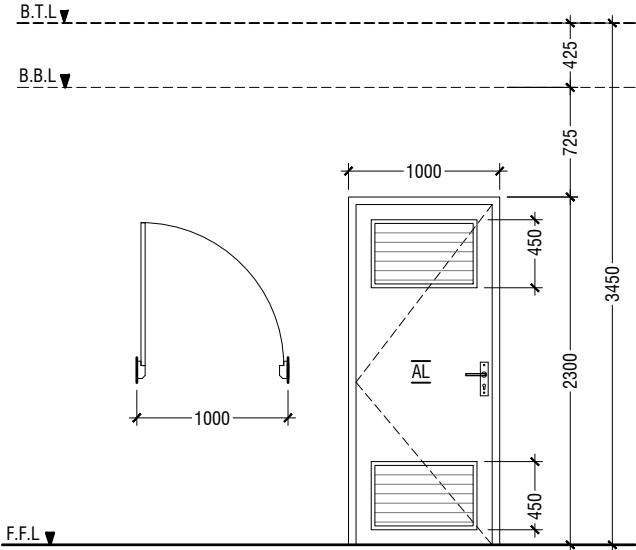
D1	DOUBLE SWING DOOR
REMARKS	FRAME & PANEL : 50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL GLASS ON PANEL : 6mm THK REFLECTIVE GLASS
LOCATION	HALL MAIN ENTRANCE
QUANTITY	01 NOS
OPEN AREA	5.39 sqm



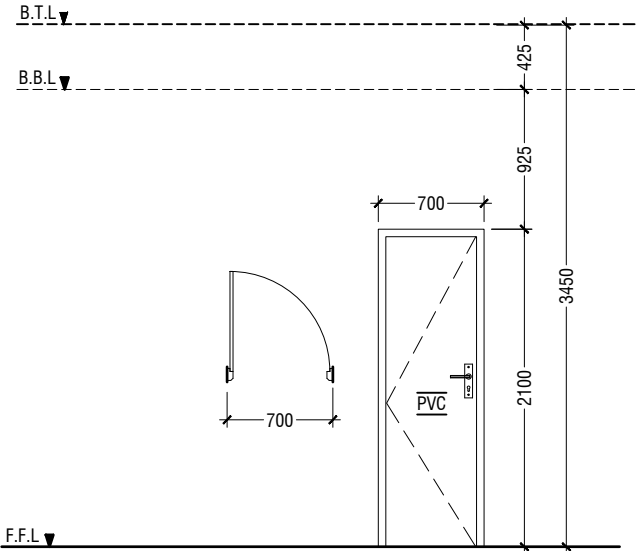
D2	DOUBLE SWING DOOR
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND LOUVERS
LOCATION	HALL ENTRANCE
QUANTITY	10 NOS
OPEN AREA	4.05 sqm



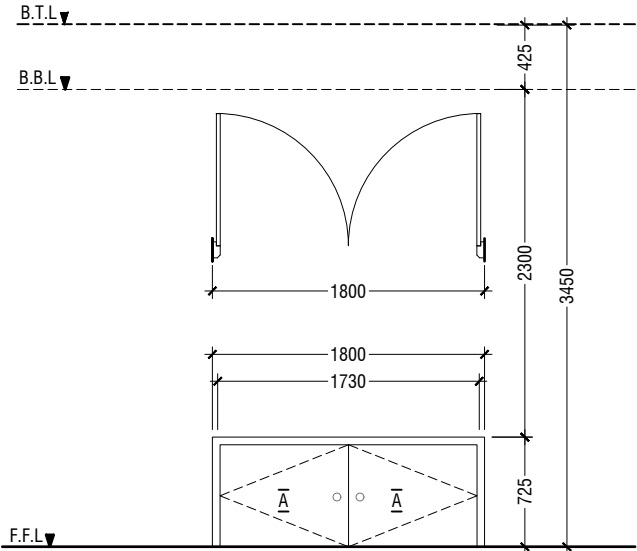
D3	SWING DOOR
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	STAGE, CONTROL ROOM & STORE ROOM
QUANTITY	05 NOS
OPEN AREA	2.03 sqm



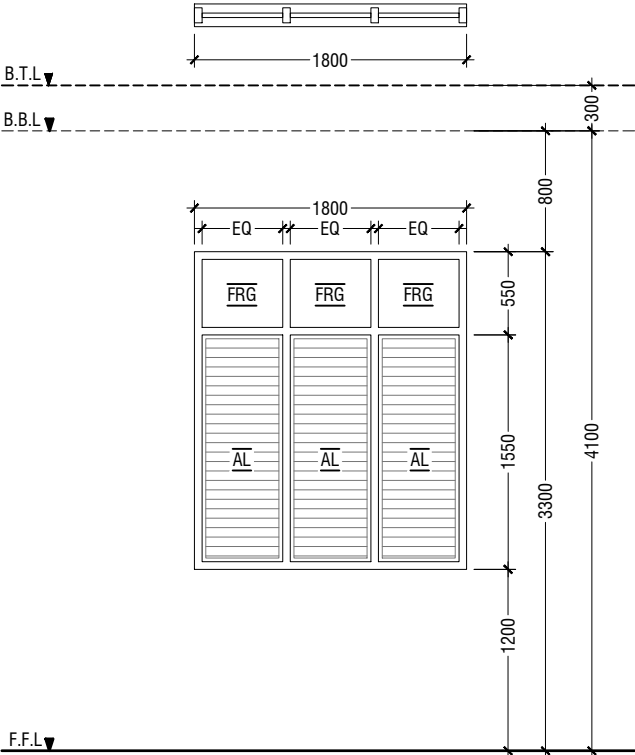
D4	SWING DOOR WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND LOUVERS
LOCATION	DISABLED TOILET
QUANTITY	01 NOS
OPEN AREA	2.03 sqm



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



D6	DOUBLE SWING DOOR
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	STAGE STORE ACCESS
QUANTITY	02 NOS
OPEN AREA	2.64 SQM



W1	WINDOW WITH FIXED GLASS & ALUMINUM LOUVERS
REMARKS	FRAME: 25MM THK POWDER COATED (60 MICRONS) ALUMINUM PANEL: POWDER COATED (60 MICRONS) ALUMINUM PANEL WITH FIXED REFLECTED GLASS
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
SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5

R.Ungoofaru School Hall
Client: Ministry of Education

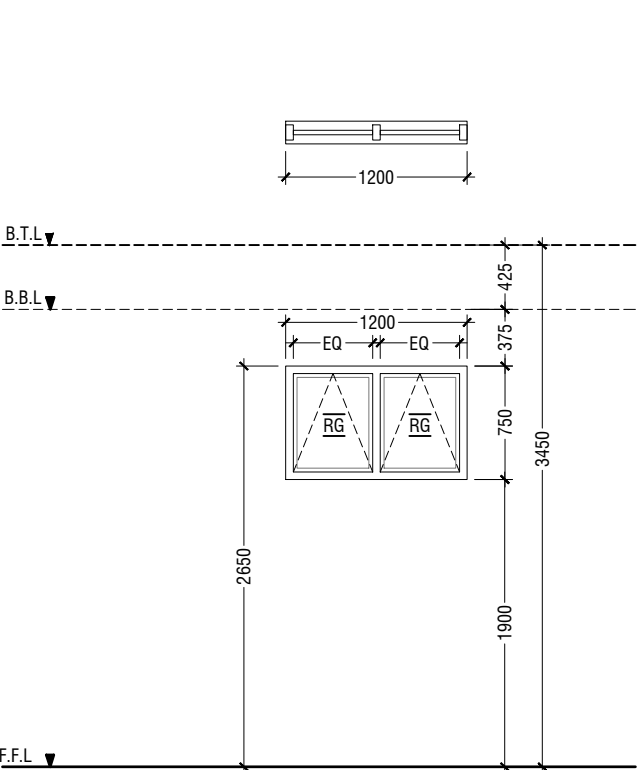
Project Number: RI/2017/012	Rev no	Date
Date: April 2019	--	-----
Architect: Razana Amir	--	-----
Engineer: Ahmed Zuhair Zaeem	--	-----
Drawn by: Razana Amir	--	-----
Services: Aishath Ahmed	--	-----
Interior: -	--	-----



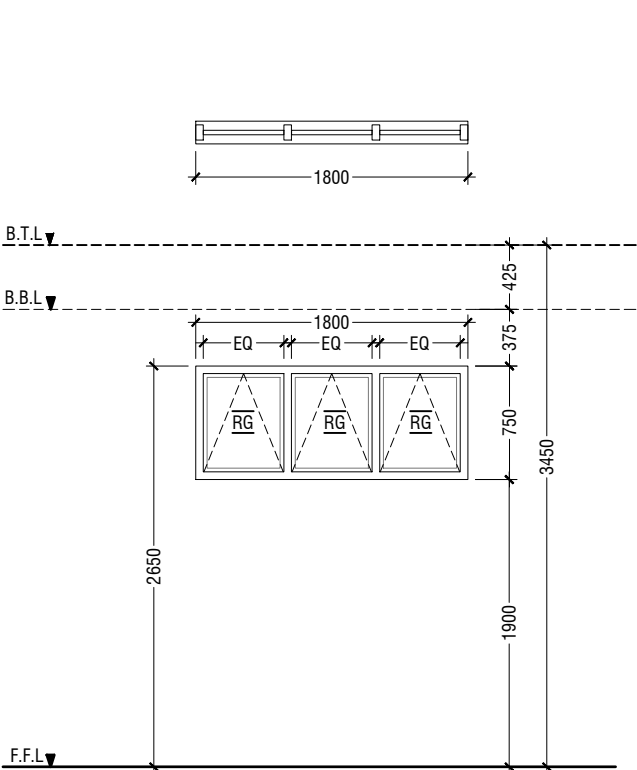
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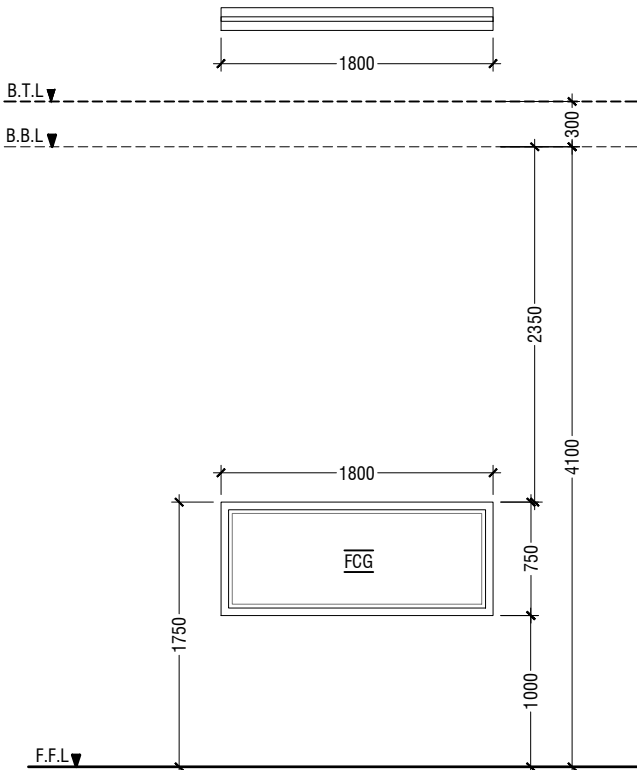
Title: Door / Window
Schedule - 1
Page: A-08/19



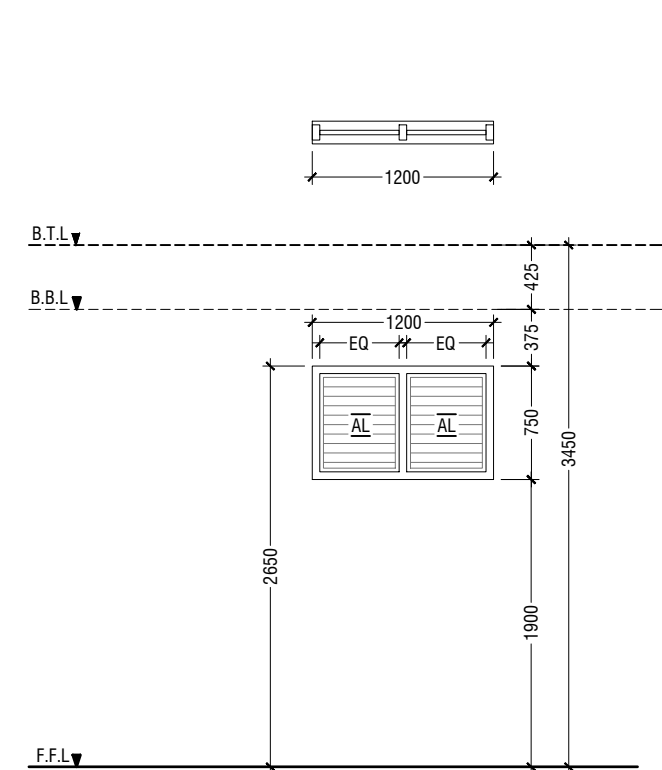
W2	TOP HUNG WINDOW
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH REFLECTIVE GLASS
LOCATION	STORE ROOM
QUANTITY	06 NOS
OPEN AREA	0.68 sqm



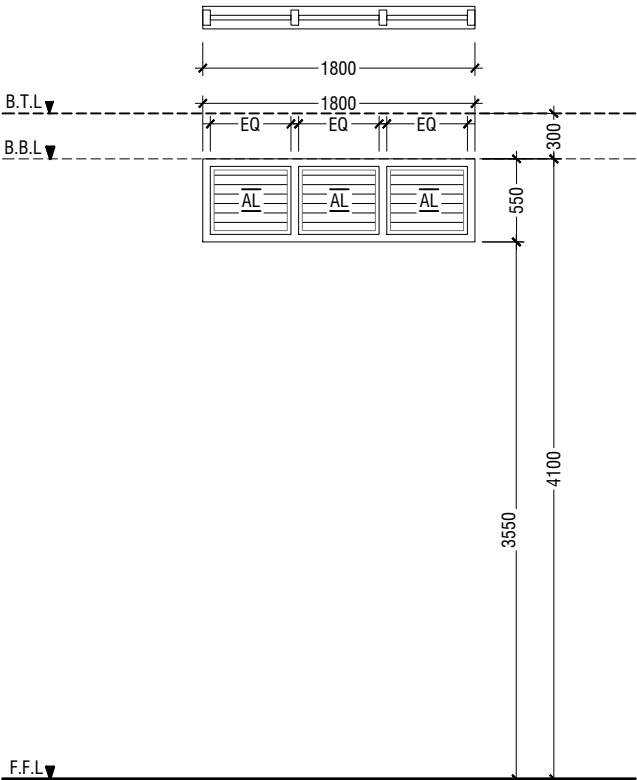
W3	TOP HUNG WINDOW
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH REFLECTIVE GLASS
LOCATION	CHANGING ROOMS
QUANTITY	02 NOS
OPEN AREA	1.04 sqm



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



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



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

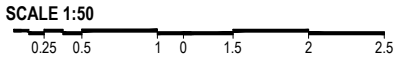
SCHEDULE OF VENTILATION FOR R.UNGOOFARU SCHOOL						
	Room name	Room Areas (sqm) (Specify centre to centre or clear)	Window (opening) number	Required opening areas (sqm)	Designed opening areas (sqm)	Open %
	Ground Floor					
1	Multi-purpose Hall	394.00	D1, 8*D2 & 14*W1	39.40	71.39	18.12%
2	Electrical	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.
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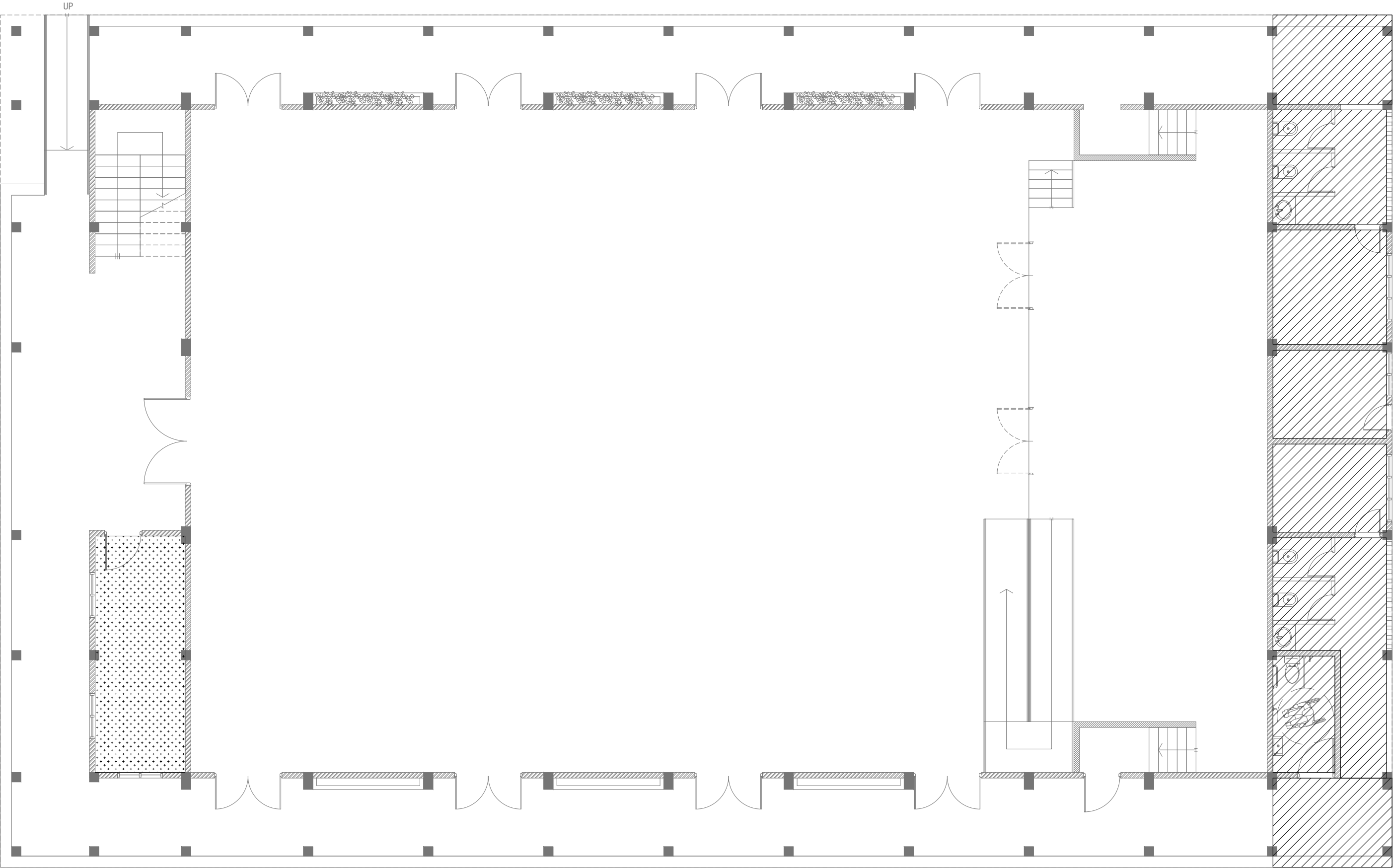
DOOR / WINDOW SCHEDULE - 2



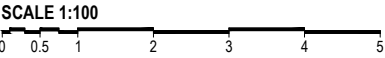
R.Ungoofaru School Hall
Client: Ministry of Education

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

Rev no	Date
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**GROUND FLOOR
REFLECTED CEILING PLAN**



LEGEND

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

R. Ungoofaru School Hall
Client: Ministry of Education

Project Number: RI/2017/012	Rev no	Date
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Architect: Razana Amir	--	-----
Engineer: Ahmed Zuhair Zaeem	--	-----
Drawn by: Razana Amir	--	-----
Services: Aishath Ahmed	--	-----
Interior: -	--	-----



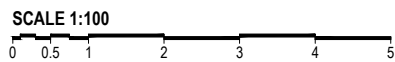
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3rd floor, H. Azum, Ameeeneemagu, Male'

Title: Door / Window
Schedule - 2

Page: A-10/19

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LEGEND	
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

R.Ungoofaru School Hall
Client: Ministry of Education

Project Number: RI/2017/012	Rev no	Date
Date: April 2019	00	04-04-2019 10:00:00 AM
Architect : Razana Amir	01	04-04-2019 10:00:00 AM
Engineer : Ahmed Zuhair Zaem	02	04-04-2019 10:00:00 AM
Drawn by : Razana Amir	03	04-04-2019 10:00:00 AM
Services : Alishah Ahmed	04	04-04-2019 10:00:00 AM
Interior : =	05	04-04-2019 10:00:00 AM



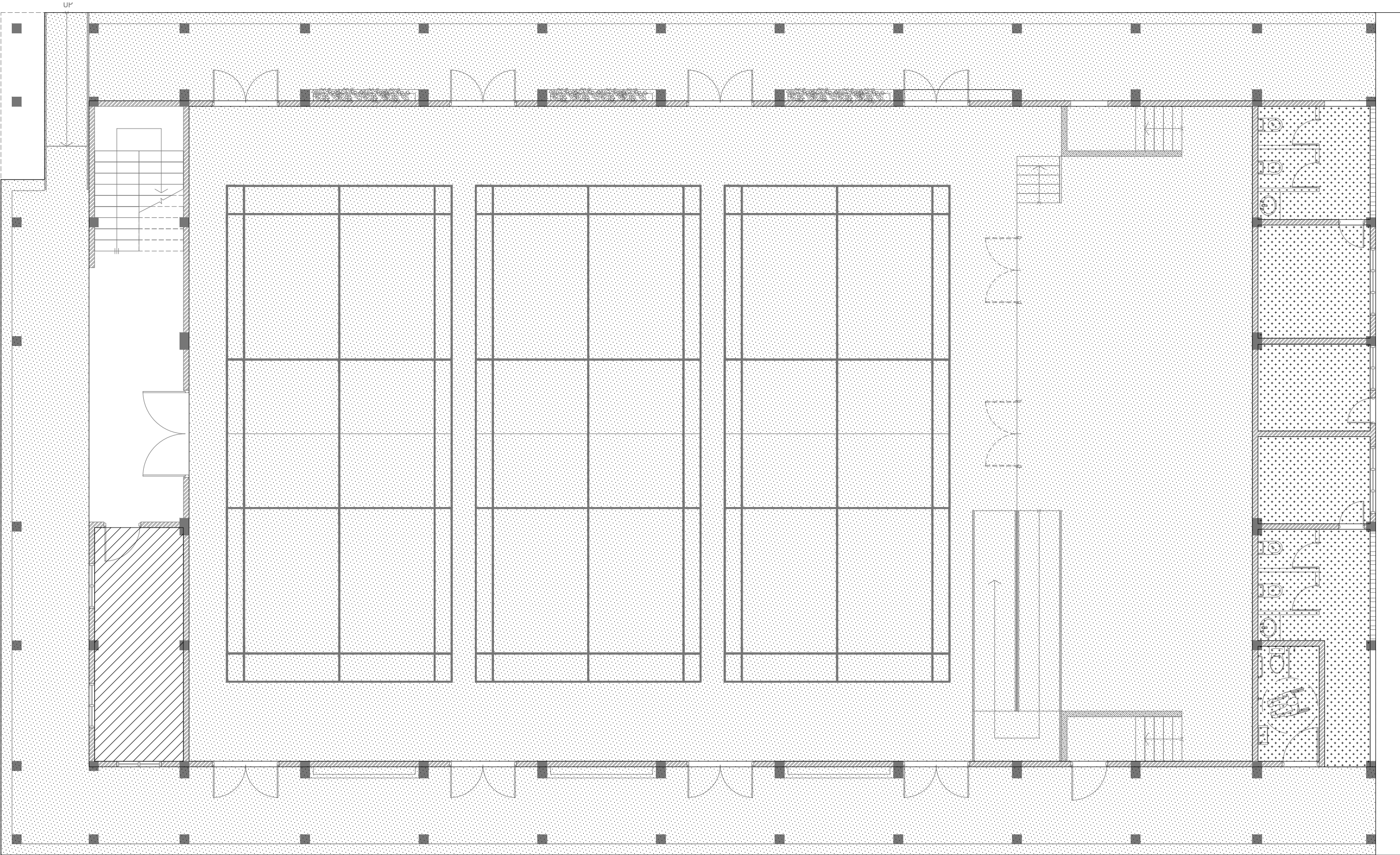
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3rd floor, H. Azum, Ameenemagu, Male'

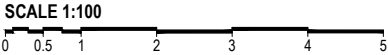
Title: Door / Window
Schedule - 2

Page: A-11/19

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**GROUND FLOOR
FLOOR FINISHES PLAN**



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

R Ungoofaru School Hall
Client: Ministry of Education

Project Number: RI/2017/012	Rev no	Date
Date: April 2019	1	11/04/2019
Architect: Razana Amir	2	11/04/2019
Engineer: Ahmed Zural Zaeem	3	11/04/2019
Drawn by: Razana Amir	4	11/04/2019
Services: Aishath Ahmed	5	11/04/2019
Interior: -	6	11/04/2019

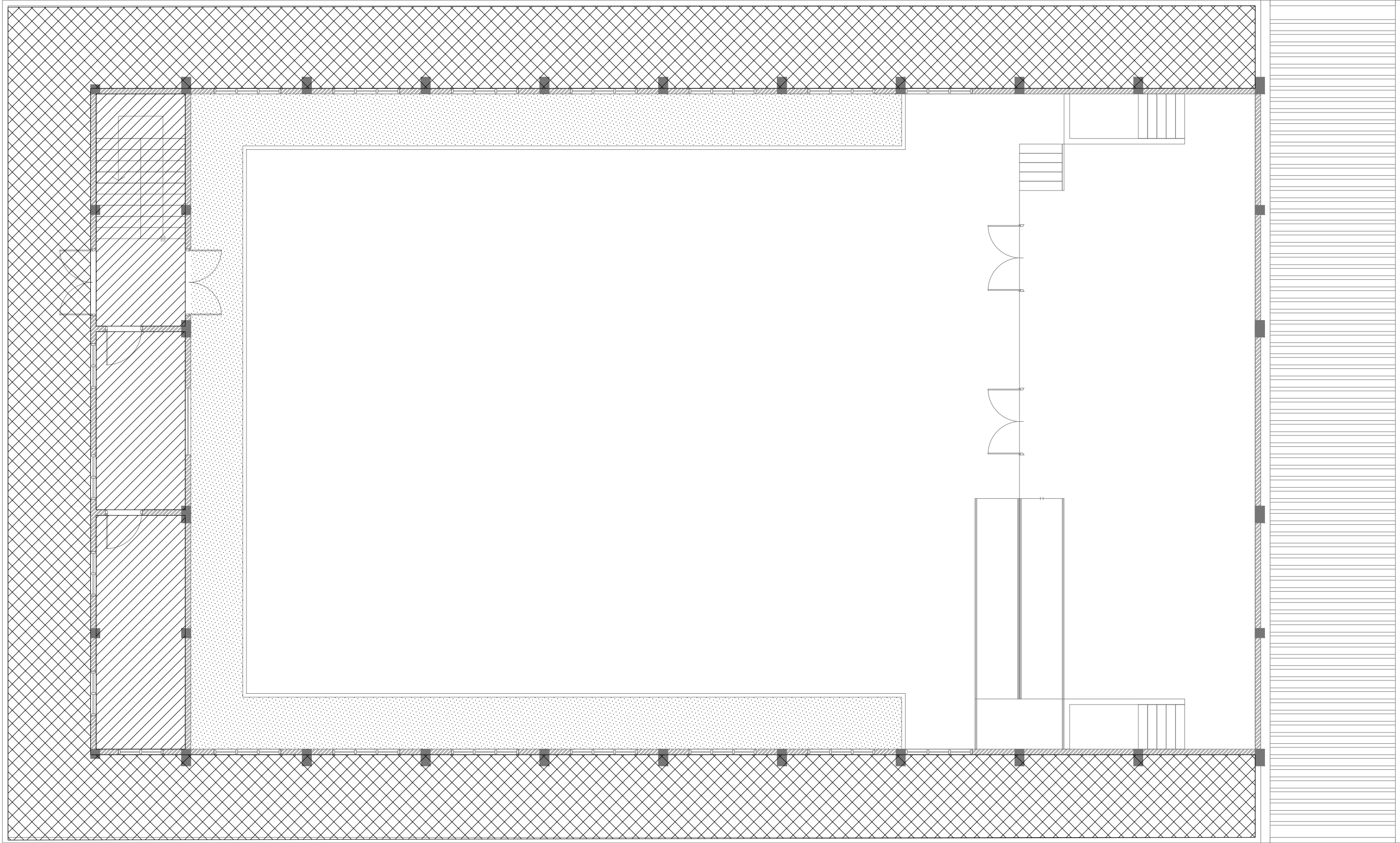
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Title: Door / Window
Schedule - 2

Page: A-12/19

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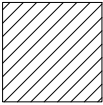


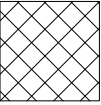
**FIRST FLOOR
FLOOR FINISHES PLAN**

SCALE 1:100

0 0.5 1 2 3 4 5

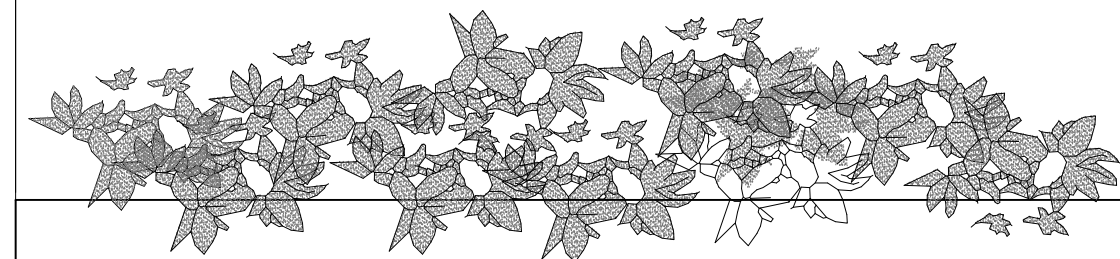
LEGEND

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

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

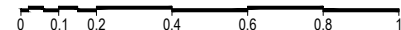
PLAN

SCALE 1:20

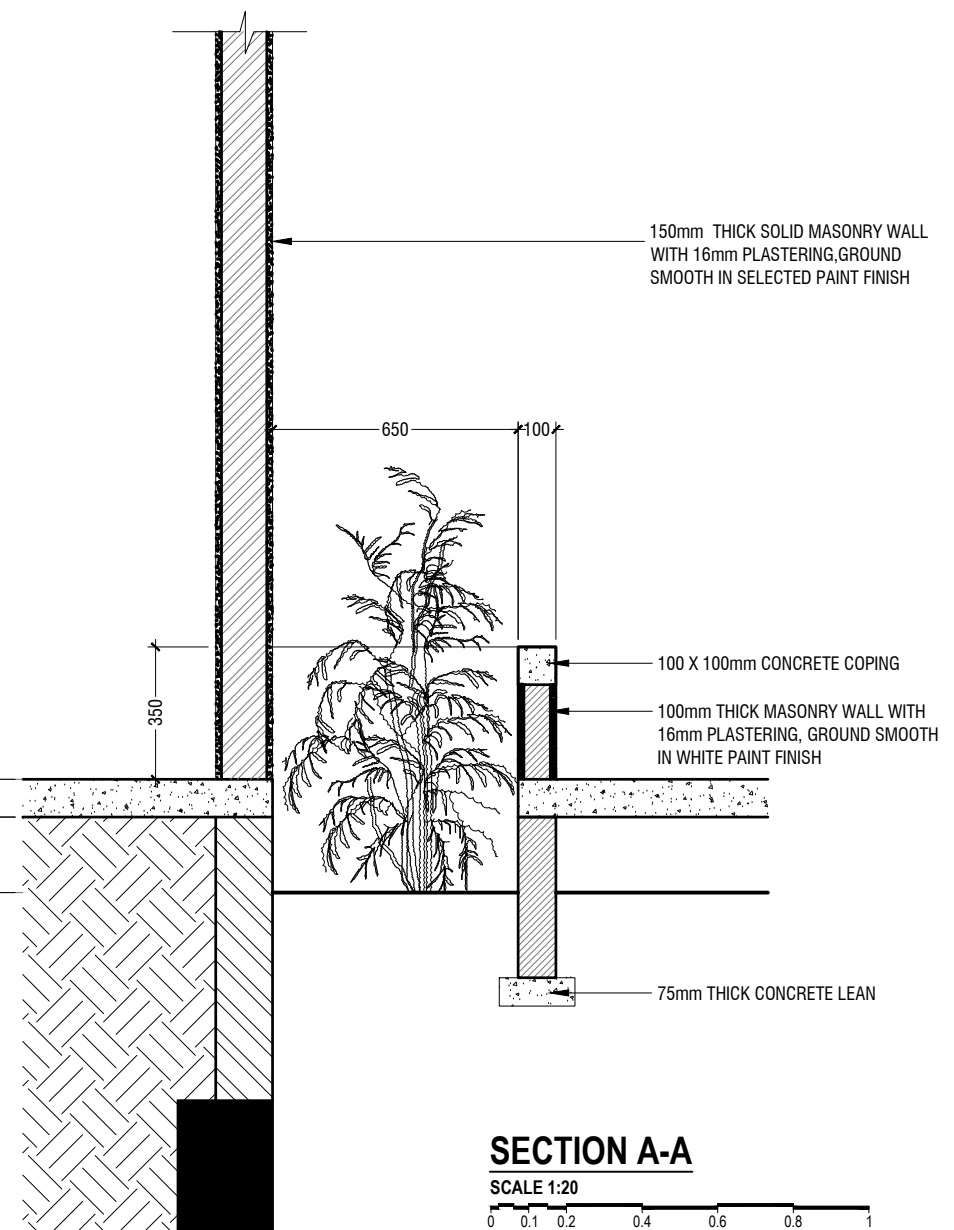


ELEVATION A

SCALE 1:20



PLANTER BOX DETAILS



SECTION A-A

SCALE 1:20



R. Ungoofaru School Hall
Client: Ministry of Education

Project Number: RI/2017/012
Date: April 2019

Architect : Razana Amir
Engineer : Ahmed Zuhal Zaeem

Drawn by : Razana Amir
Services : Aishath Ahmed

Services : Alshati Ahmed
Interior : -

limited. Any use other than those expres-

Rev no Date

.....

1	2	3	4	5	6	7	8	9	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
1	2	3	4	5	6	7	8	9	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

1000

violation of this cop

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Title: Planter Box Details

Page: A-14/19



SCALE 1:20



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3rd floor, H. Azum, Ameenemagu, Malé

Title: RC Fin Detail

Page: A-15/19

R.Ungoofaru School Hall
Client: Ministry of Education

Client: Ministry of Education

Project Number: RI/2017/012

Date: April 2019

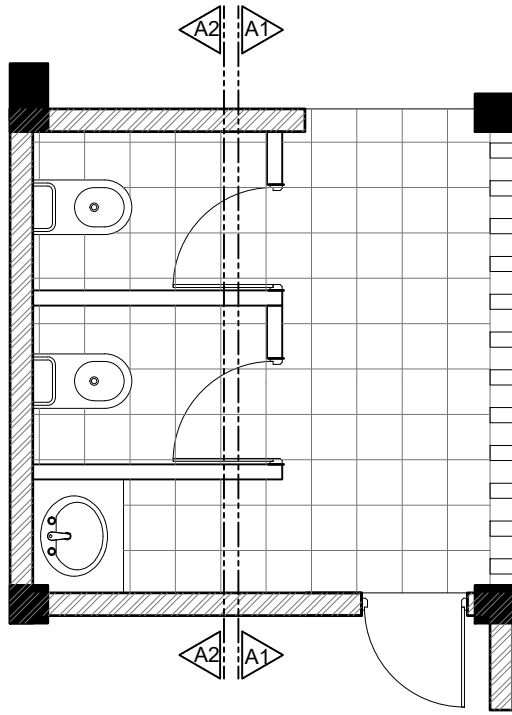
Architect : Razana Amir
Engineer : Ahmed Zubair Zameer

Drawn by : Razana Amir

Services : /
Interior : -

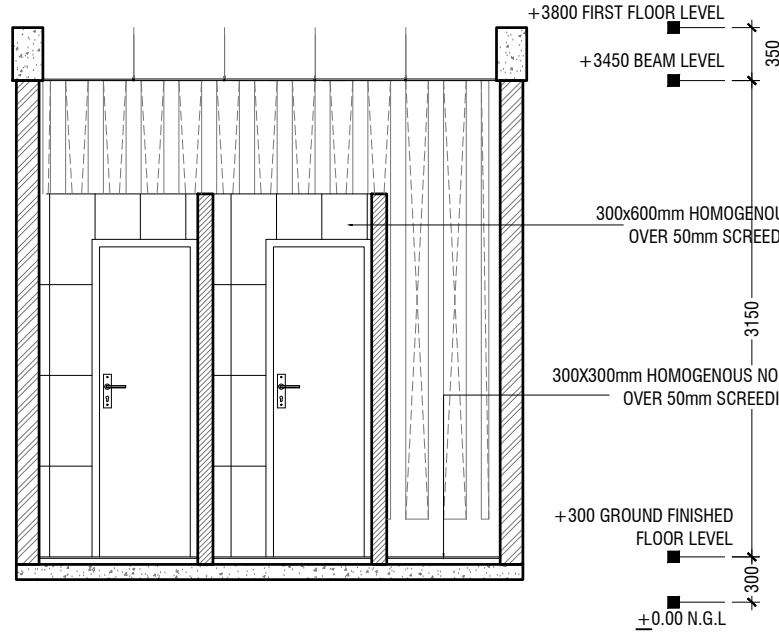
Rev no	Date
-	-
-	-
-	-
-	-

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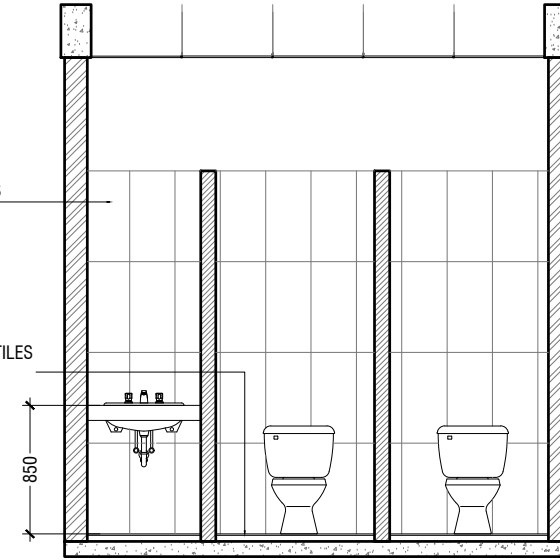
TYPICAL TOILET PLAN

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5



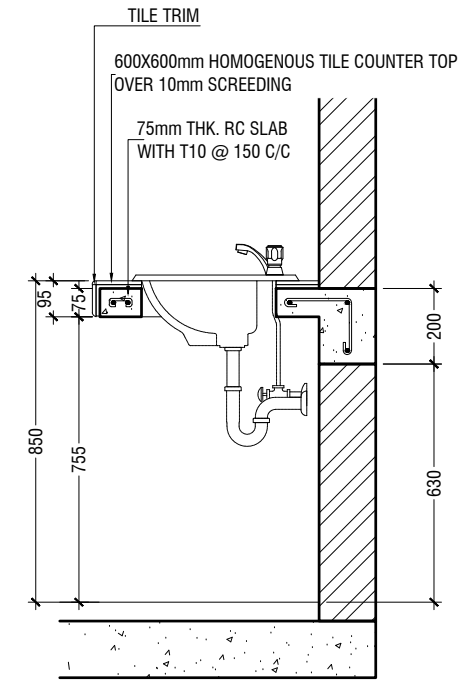
SECTION A1-A1

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5



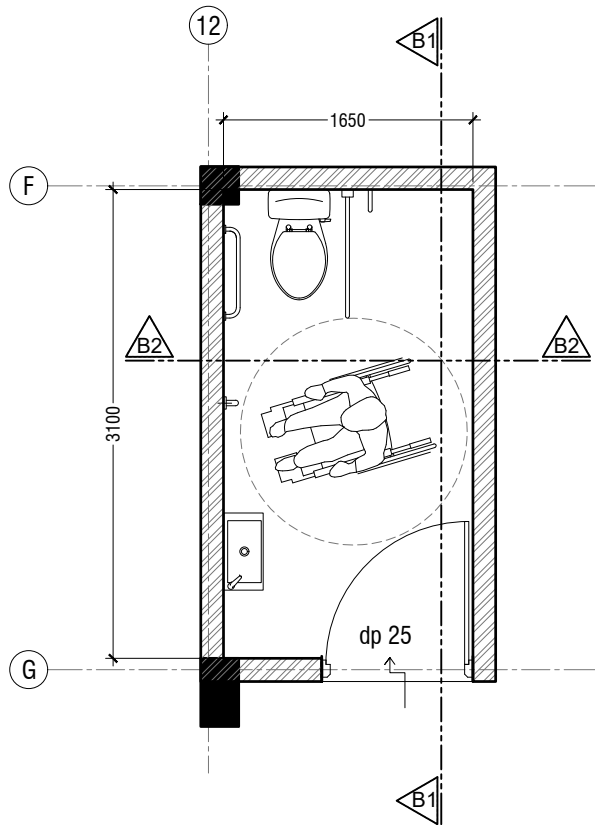
SECTION A2-A2

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5



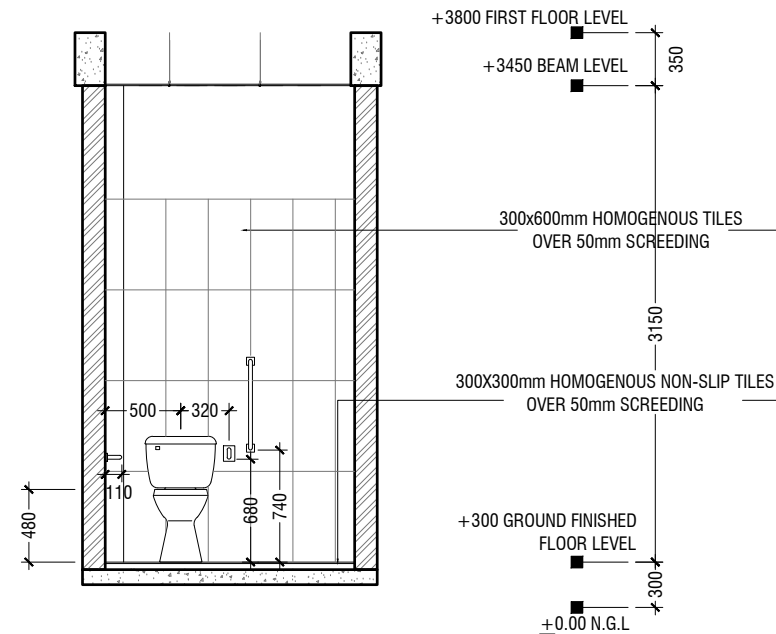
COUNTER TOP DETAILS

SCALE 1:20
0 0.1 0.2 0.4 0.6 0.8 1



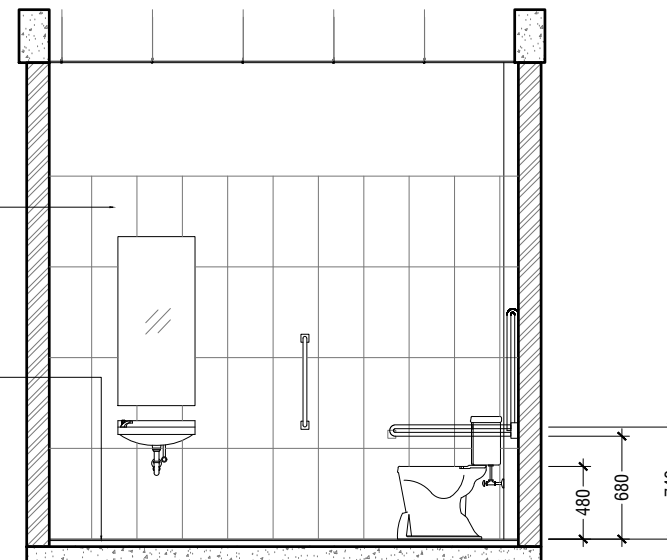
TOILET FOR PERSONS WITH DISABILITIES PLAN

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5



SECTION B1-B1

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5



SECTION B2-B2

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5

R. Ungoofaru School Hall
Client: Ministry of Education

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

Rev no	Date
1	
2	
3	
4	



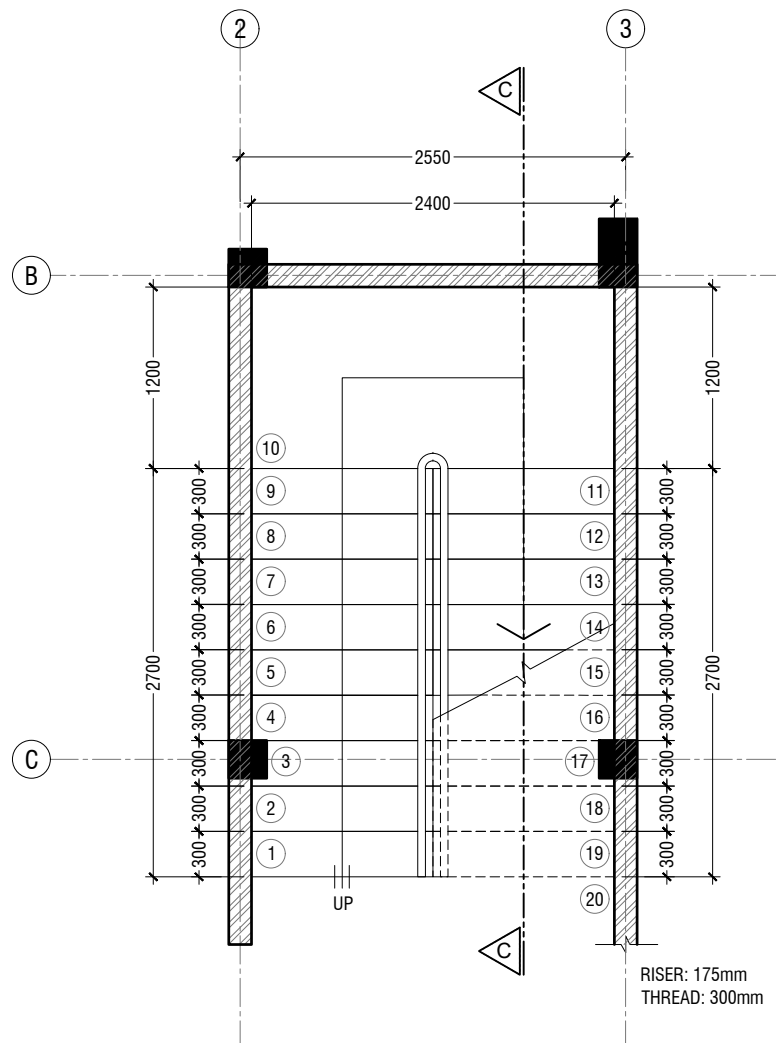
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Title: Toilet details

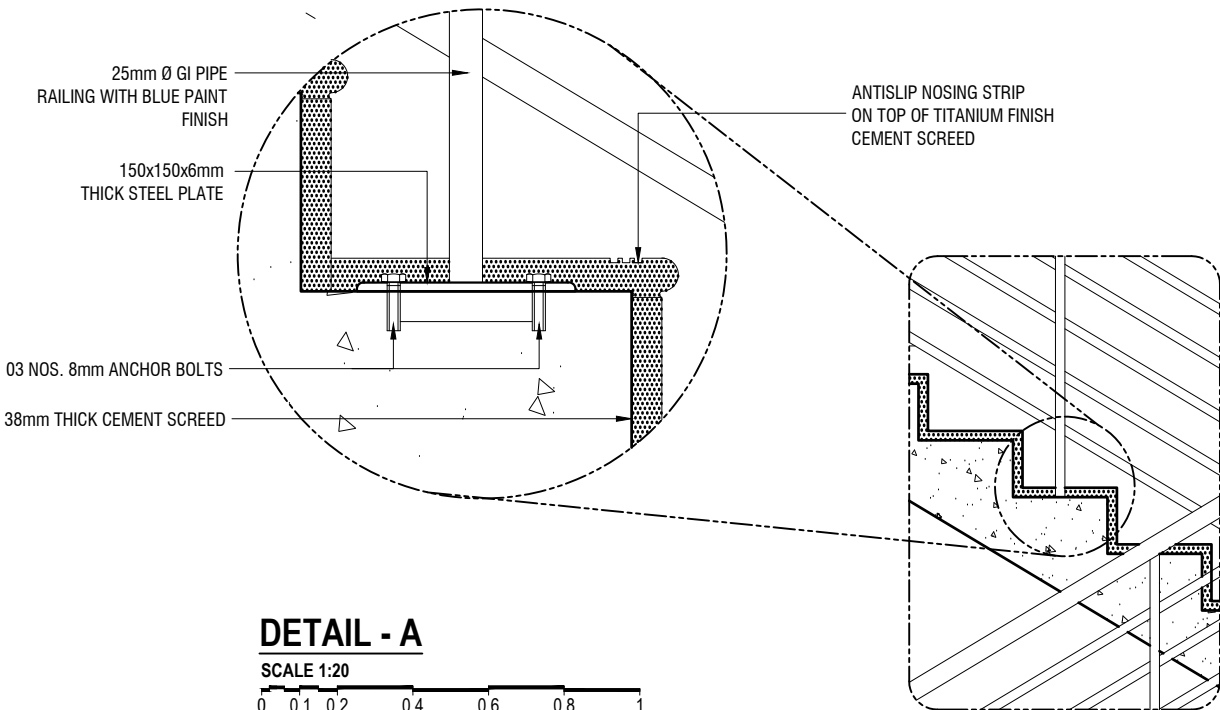
Page: A-16/19

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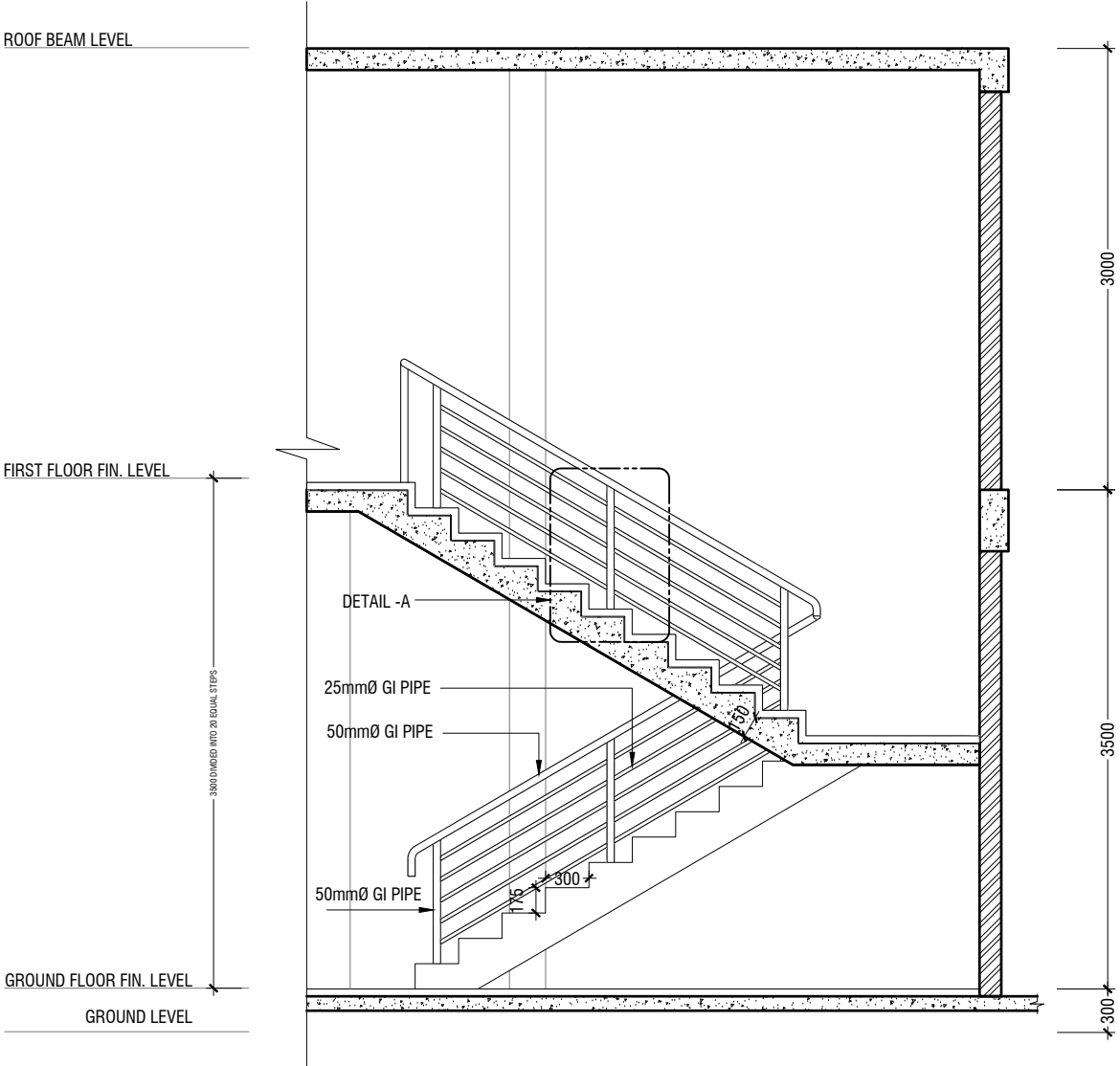
MAIN STAIRCASE PLAN

SCALE 1:50



DETAIL - A

SCALE 1:20



SECTION C-C

SCALE 1:50

MAIN STAIRCASE DETAIL

SCALE 1:50

R.Ungoofaru School Hall
Client: Ministry of Education

Rev no	Date
1	2019/04/01
2	2019/04/01
3	2019/04/01
4	2019/04/01
5	2019/04/01

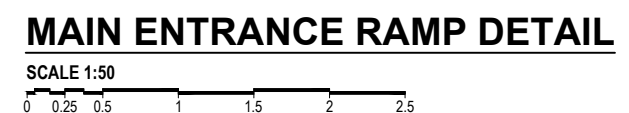
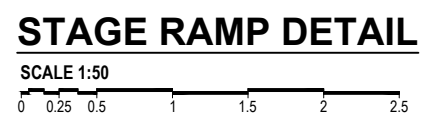
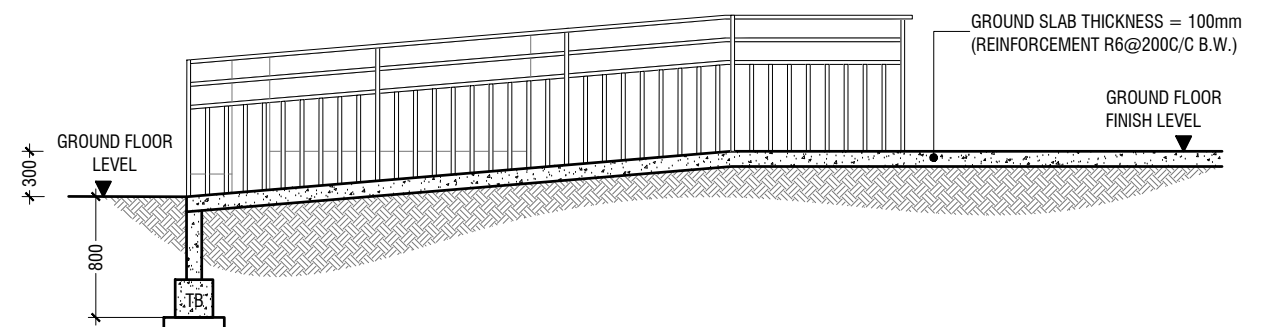
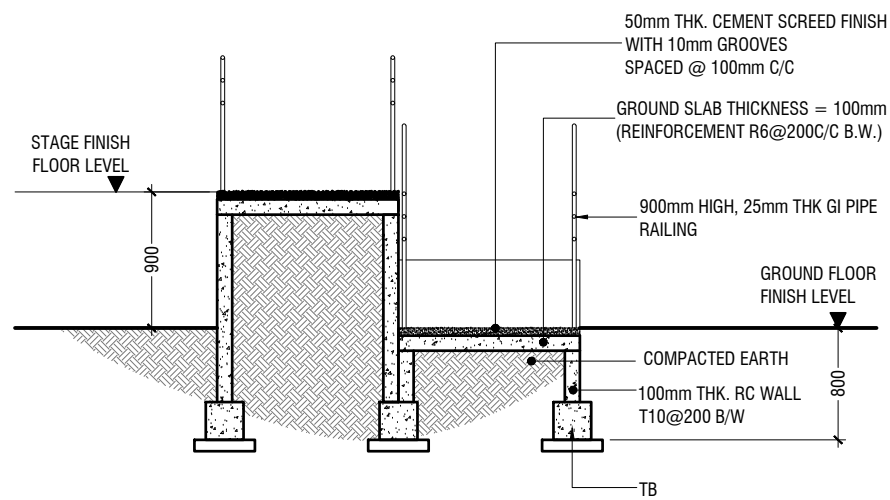
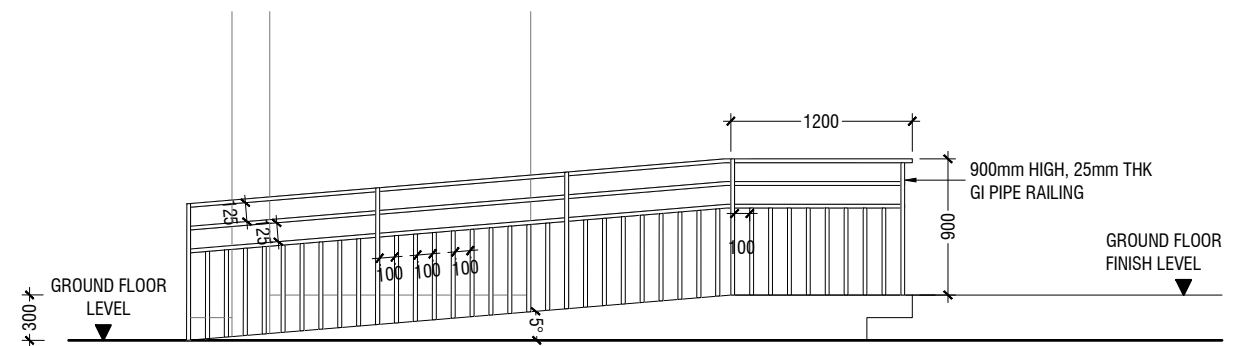
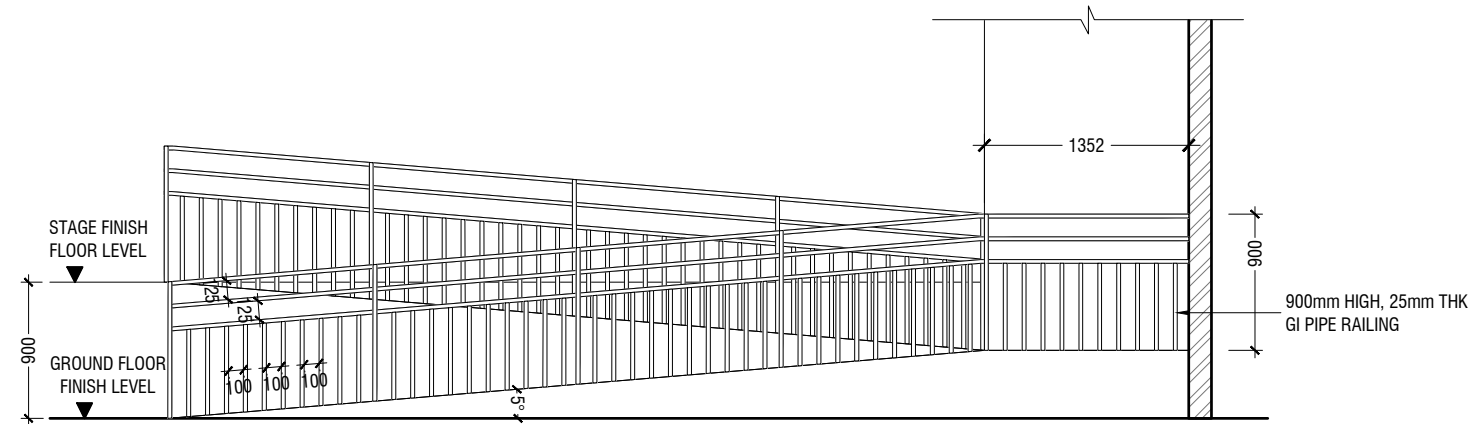
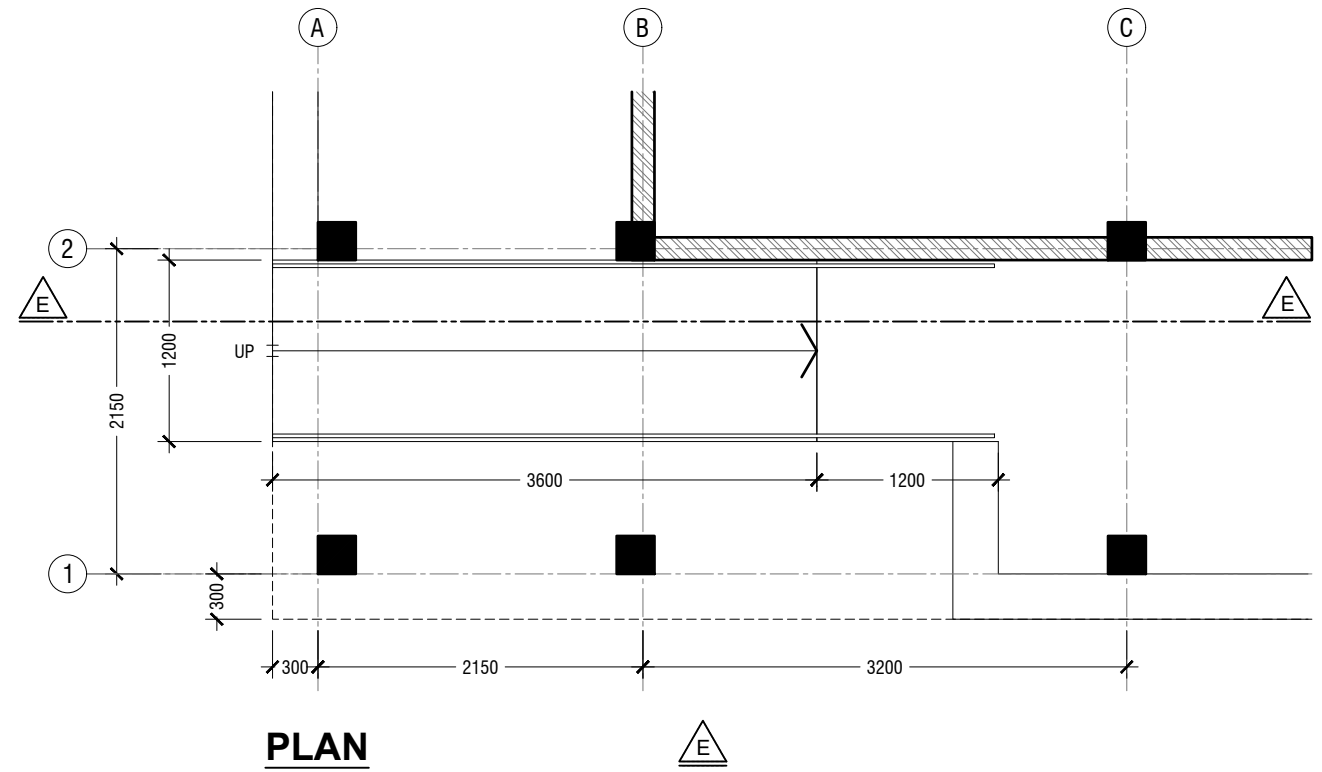
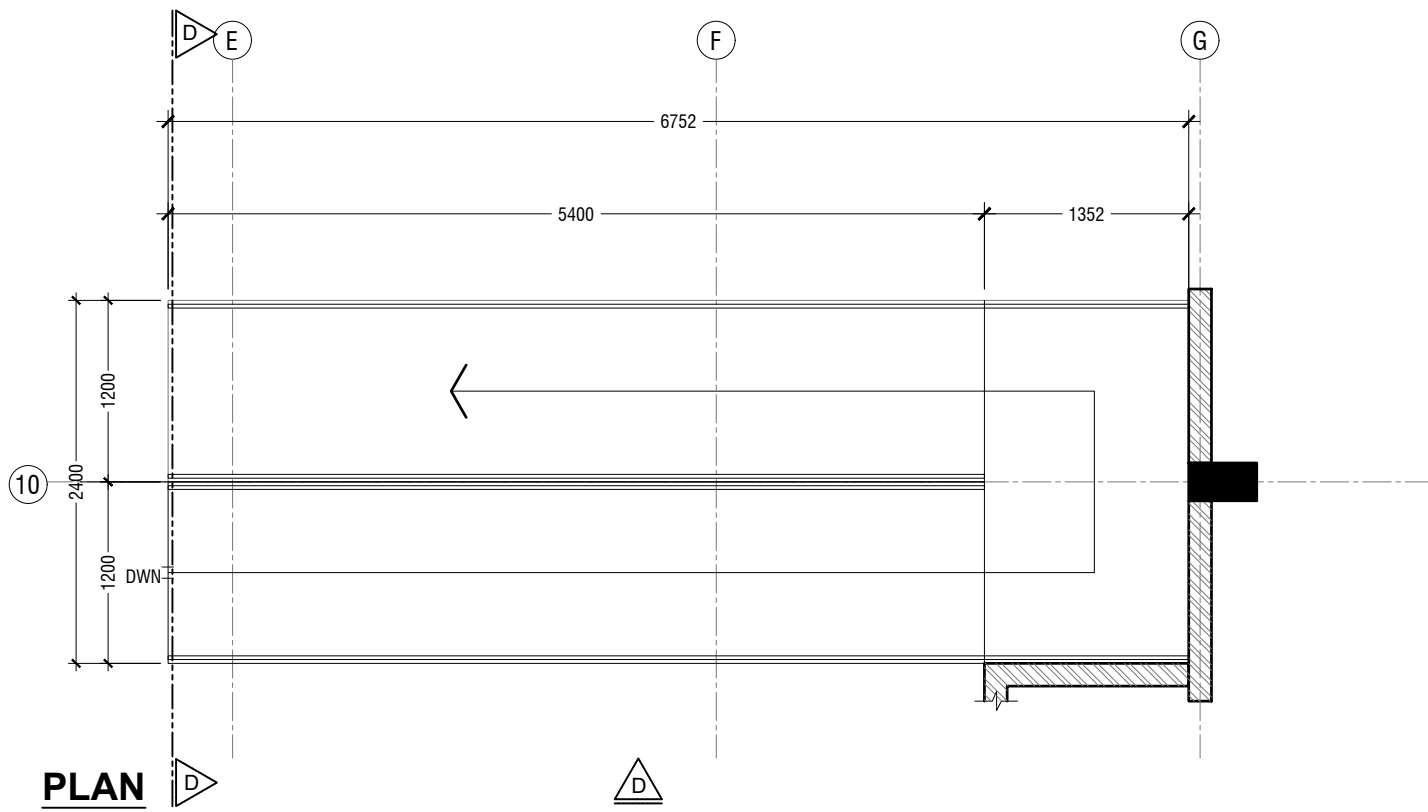
Project Number: RI/2017/012
Date: April 2019
Architect: Razana Amir
Engineer: Ahmed Zuhair Zaeem
Drawn by: Razana Amir
Services: Alshath Ahmed
Interior: -



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Title: Main Staircase Detail



R. Ungoofaru School Hall
Client: Ministry of Education

Rev no	Date
1	2017/01/02
2	2017/01/02
3	2017/01/02
4	2017/01/02
5	2017/01/02
6	2017/01/02
7	2017/01/02
8	2017/01/02
9	2017/01/02
10	2017/01/02

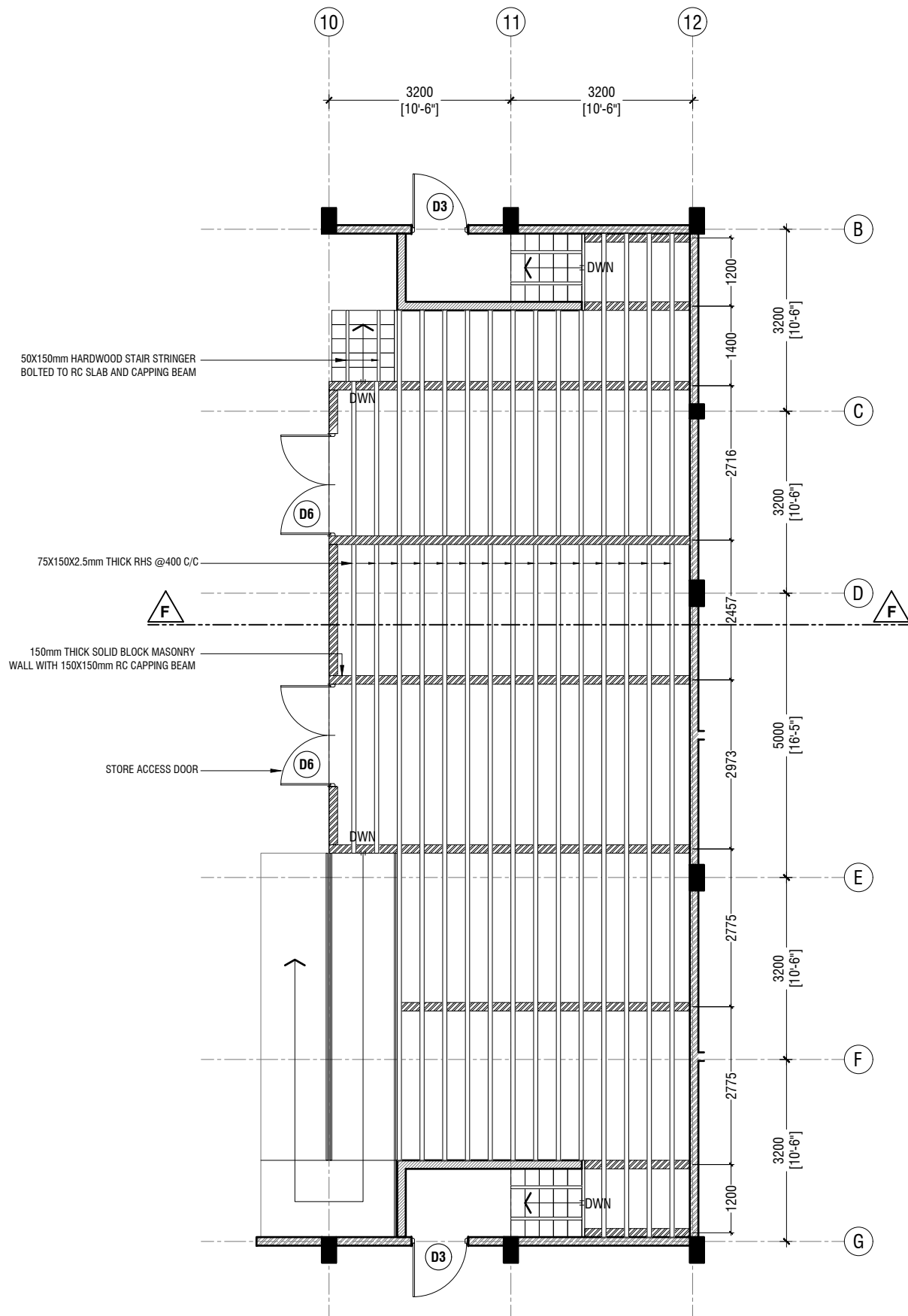


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 3rd floor, H. Azumi, Aneeneemagau, Male'

Title: Stage Ramp Detail

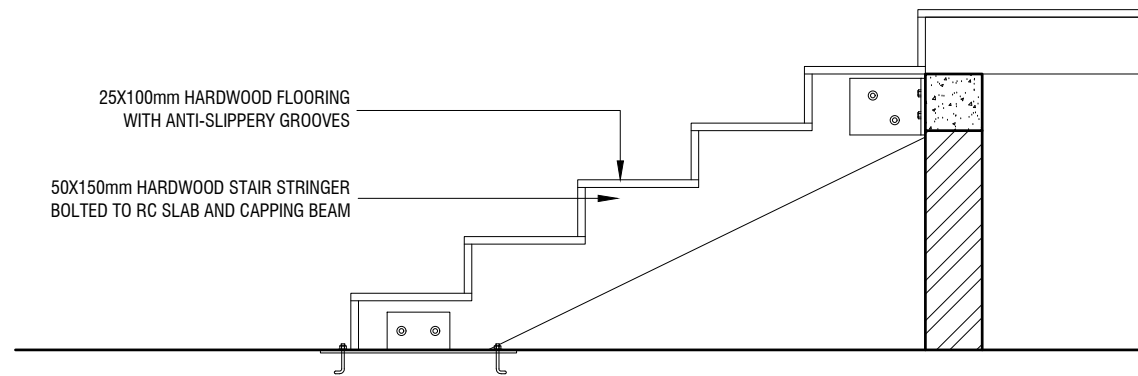
Page: A-18/19

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STAGE FRAMING PLAN
SCALE 1:100

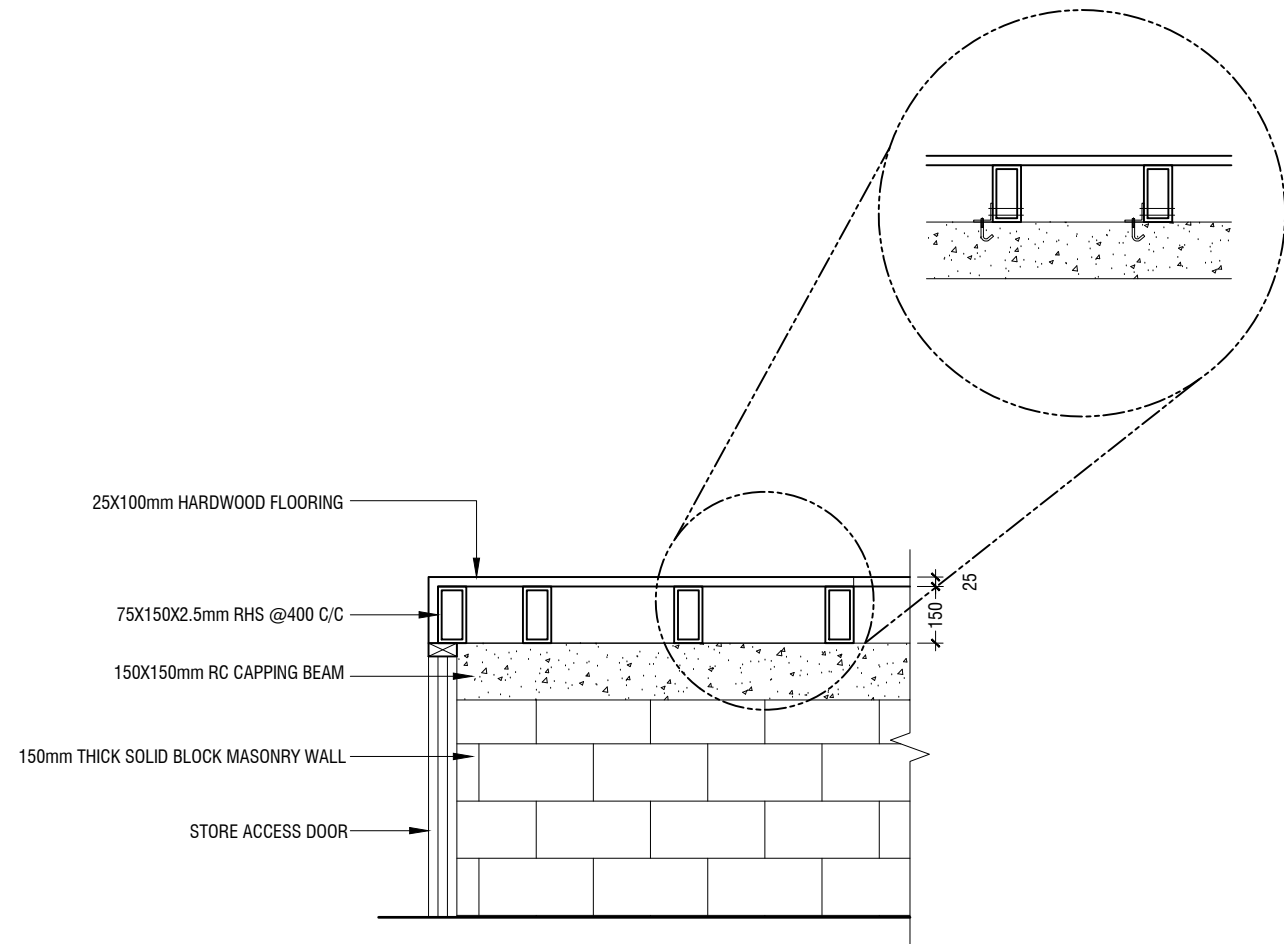
0 0.5 1 2 3 4 5



STAIR DETAIL

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1



SECTION F-F

SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

R.Ungoofaru School Hall
Client: Ministry of Education

Rev no	Date
1	2019
2	2019
3	2019
4	2019
5	2019

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



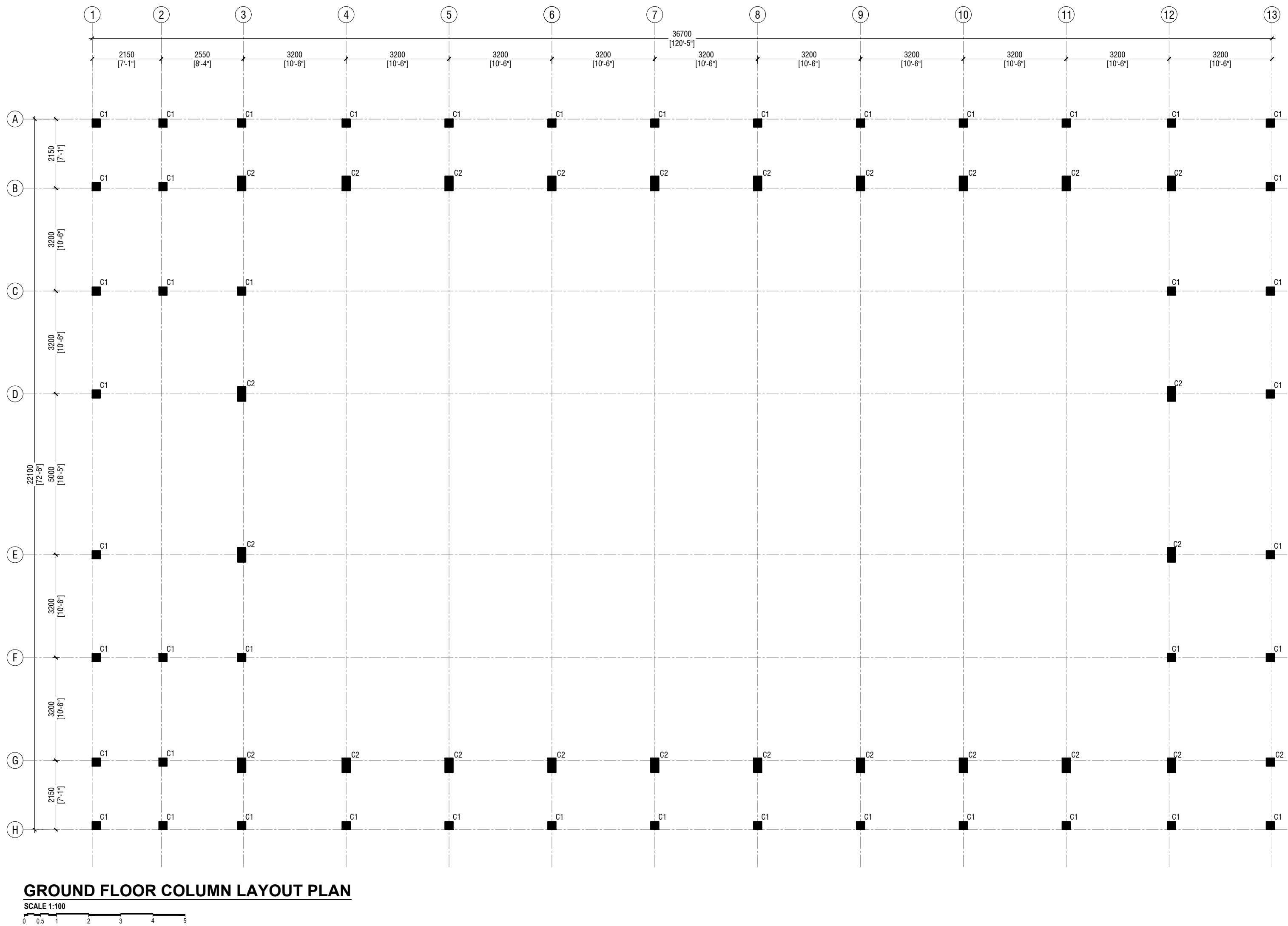
RIYAN PRIVATE LIMITED

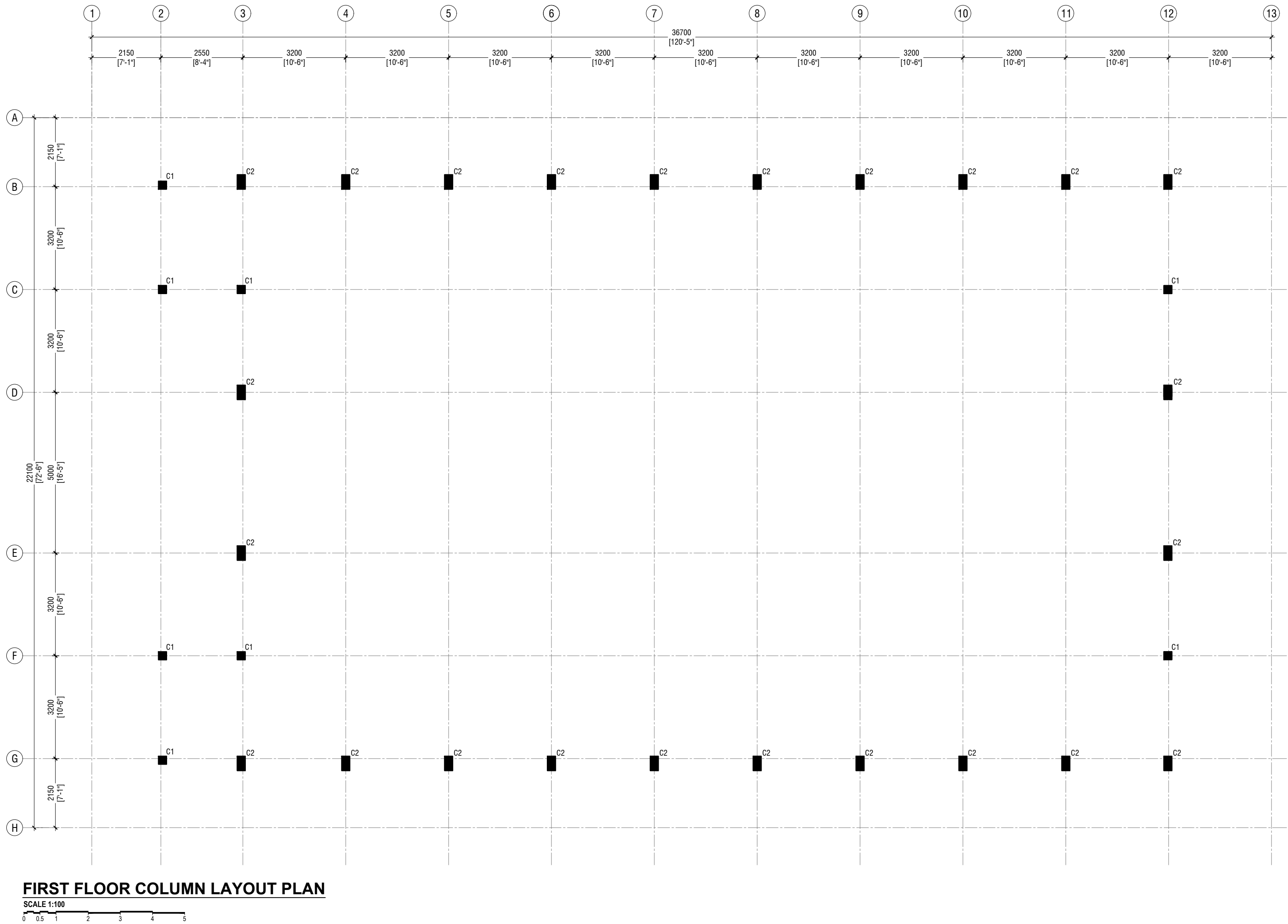
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w: www.riyan.com.mv
3rd floor, H. Azum, Ameeleemagau, Male'

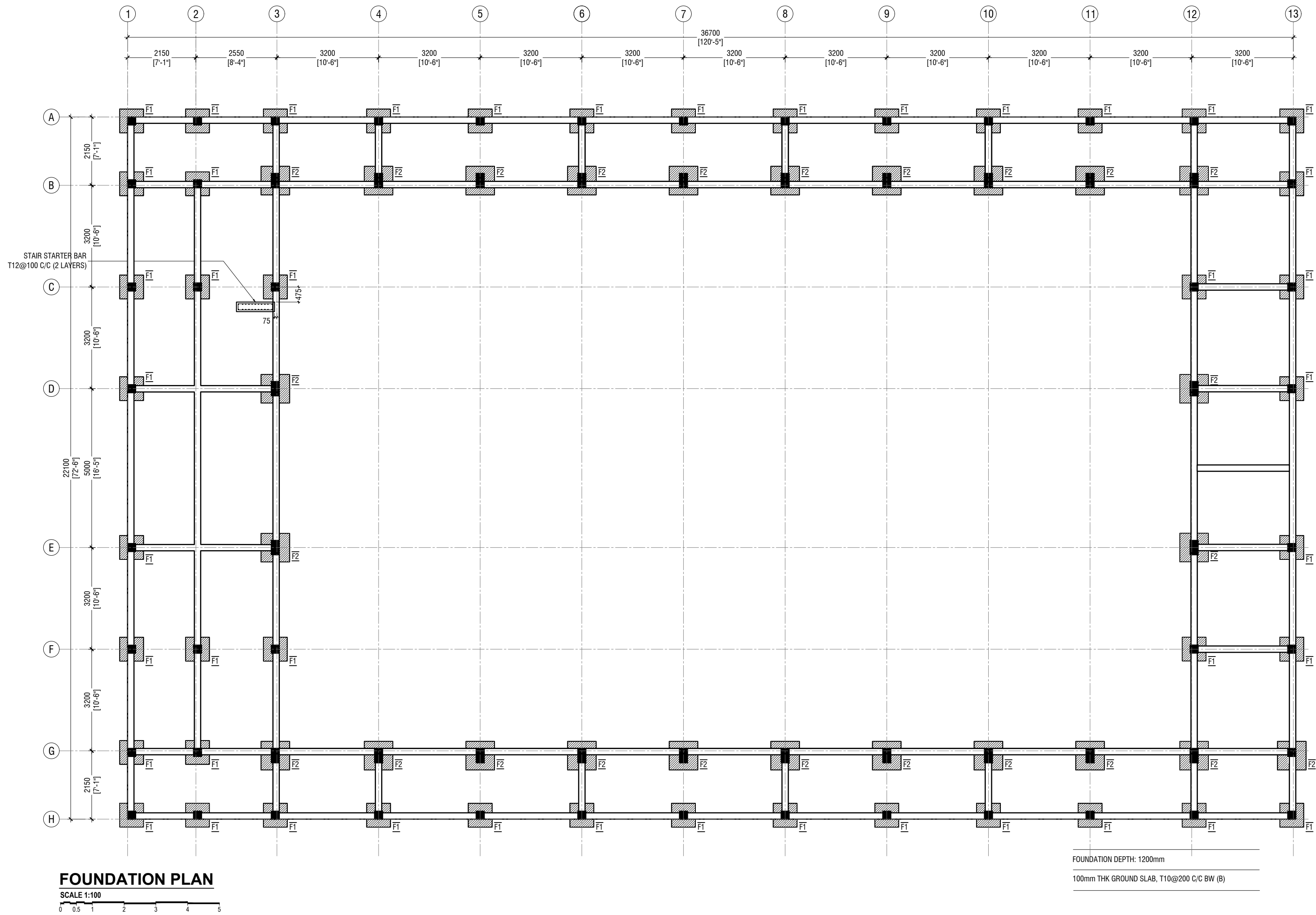
Title: Stage Framing Plan & Details
& Details

Page: A-19/19

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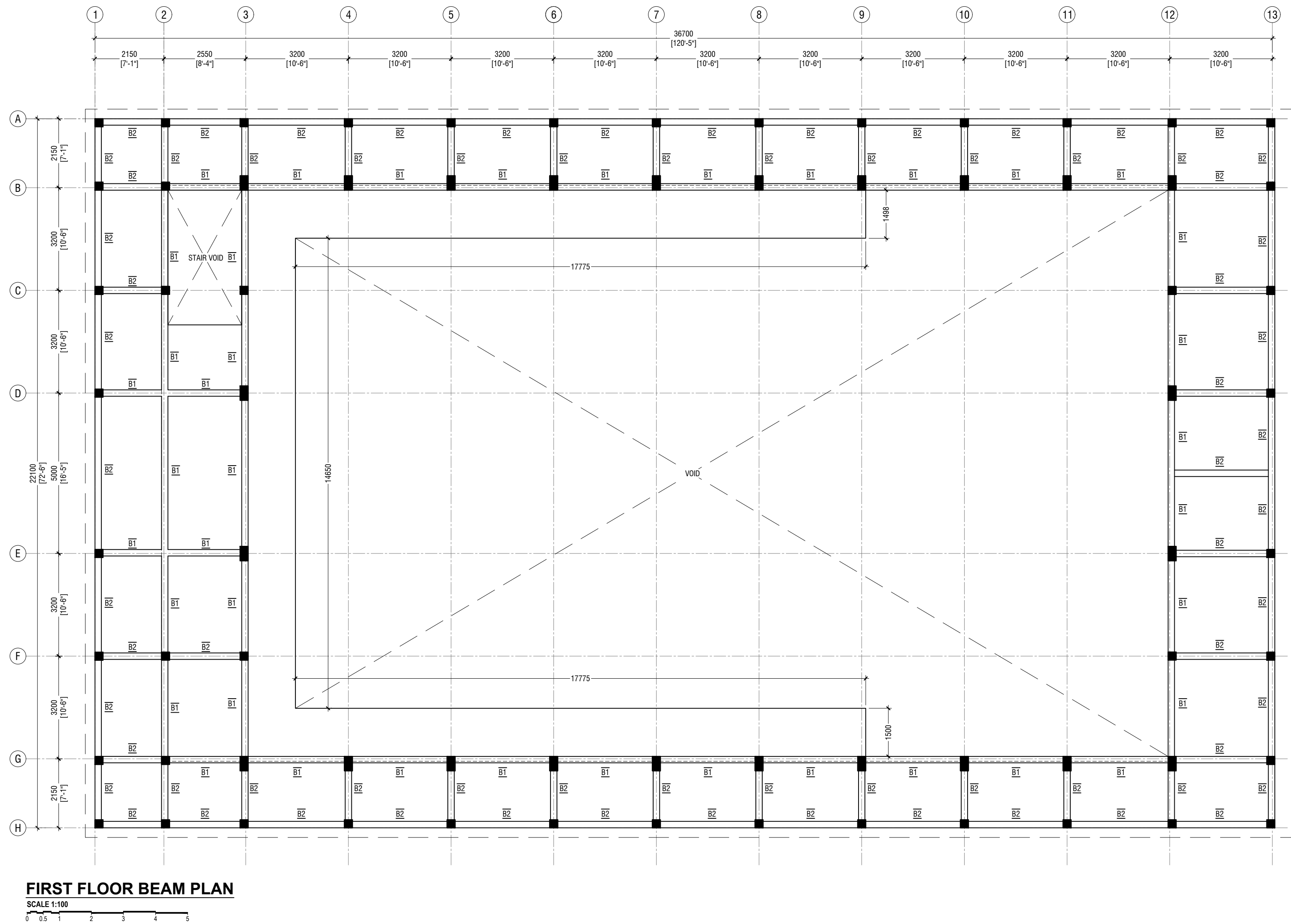


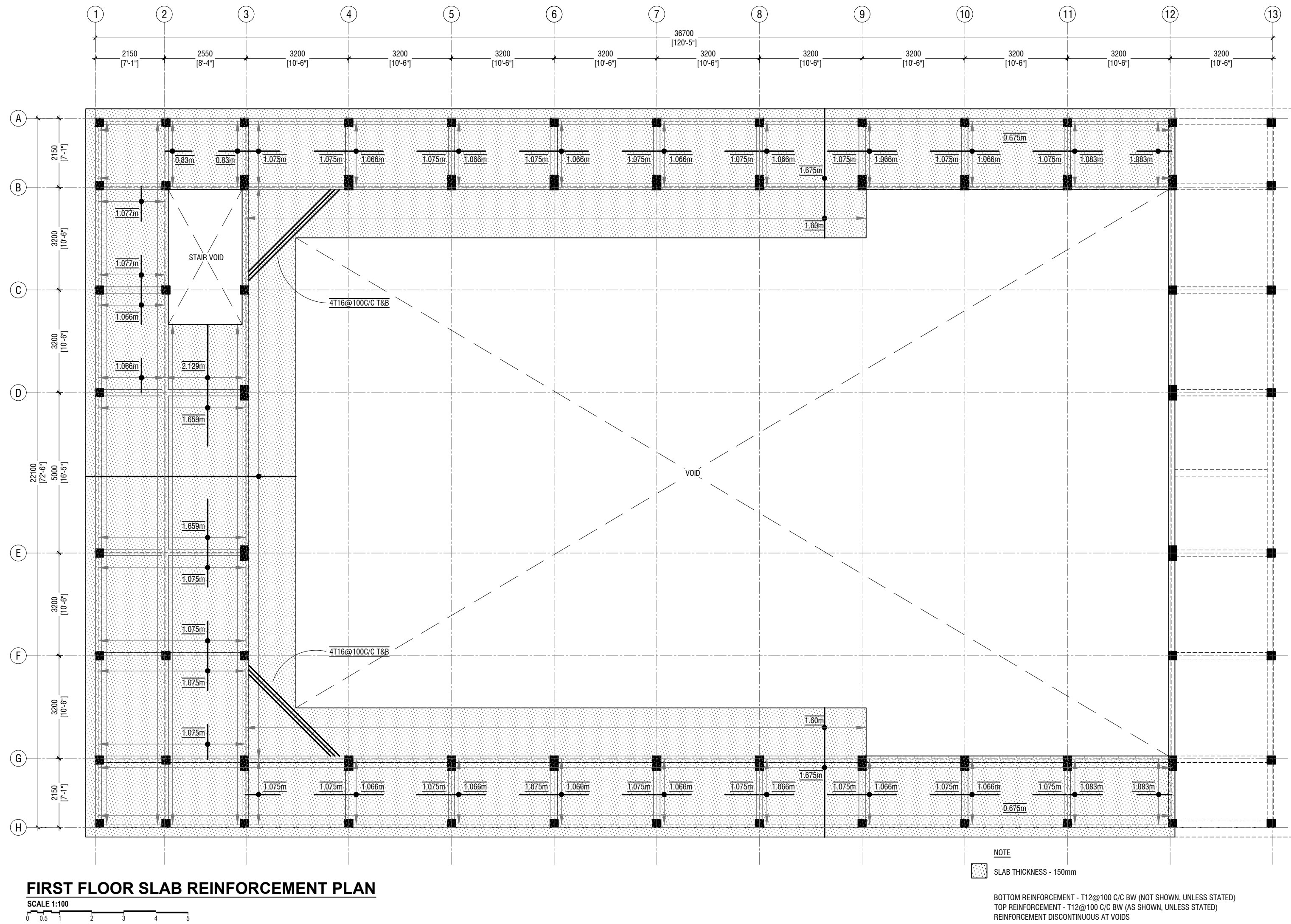




R. Ungoofaru School Hall
Client: Ministry of Education

Rev no	Date
1	2019
2	2019
3	2019
4	2019
5	2019
6	2019
7	2019
8	2019
9	2019
10	2019
11	2019
12	2019
13	2019

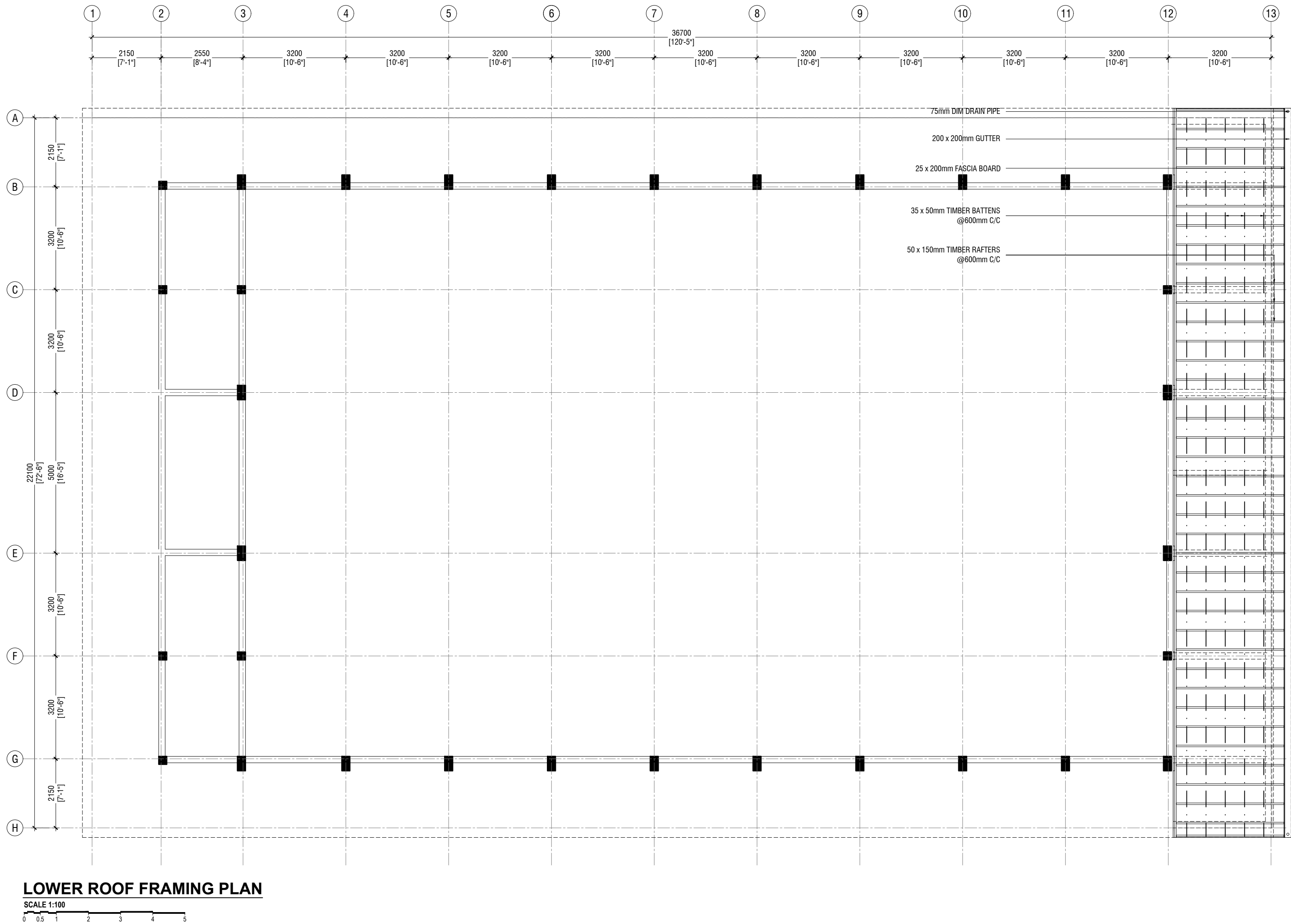


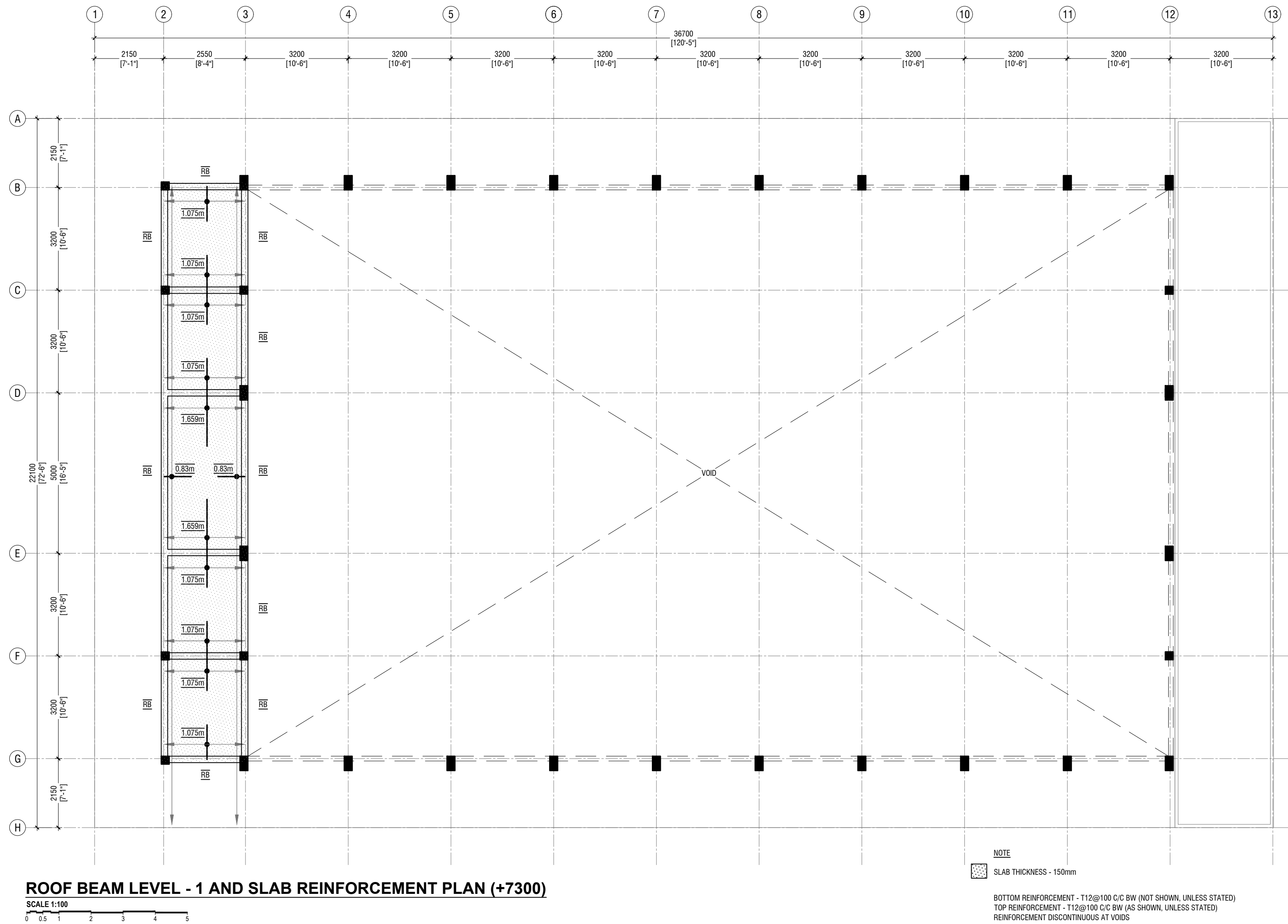


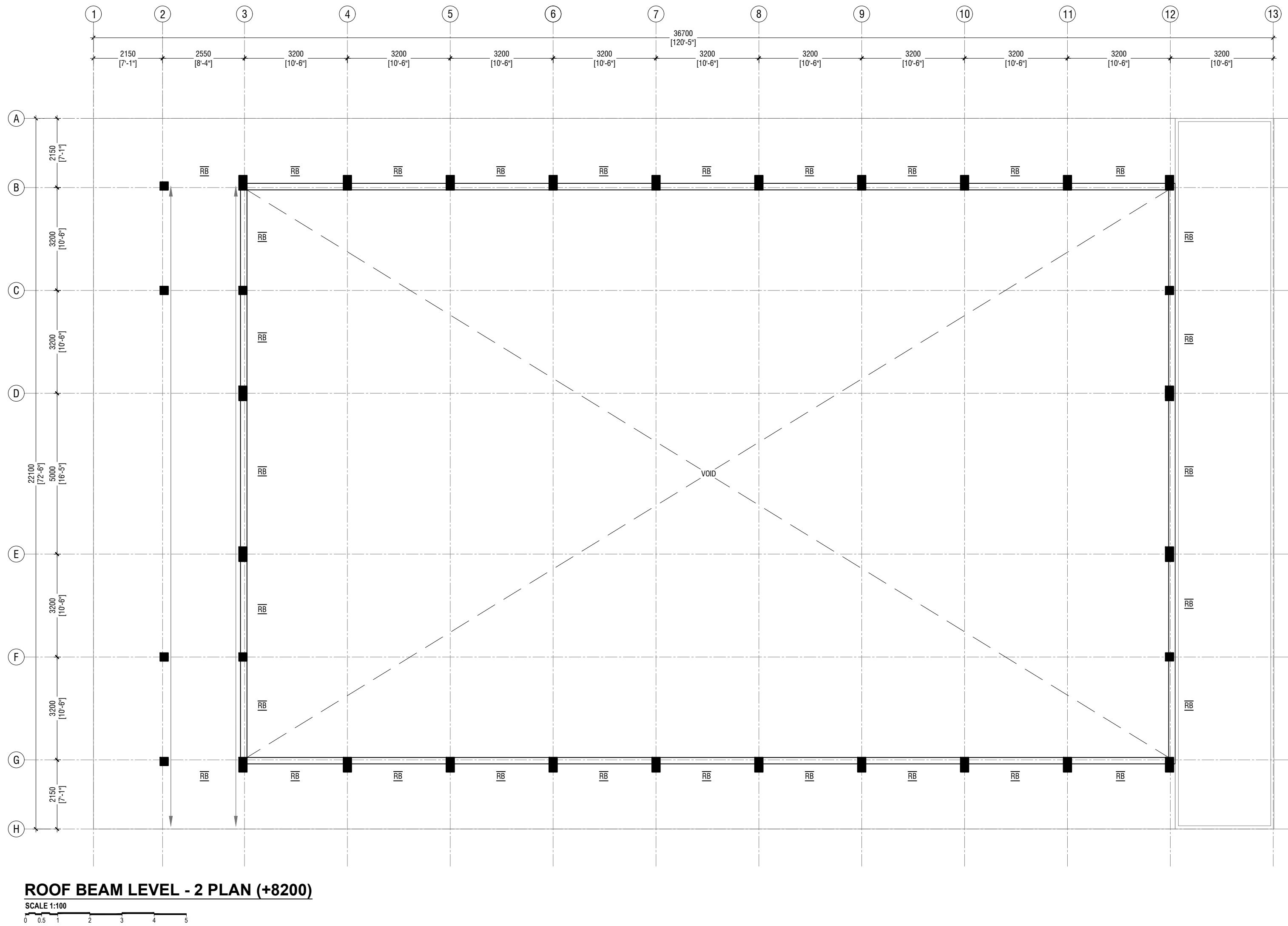
R.Ungoofaru School Hall
Client: Ministry of Education

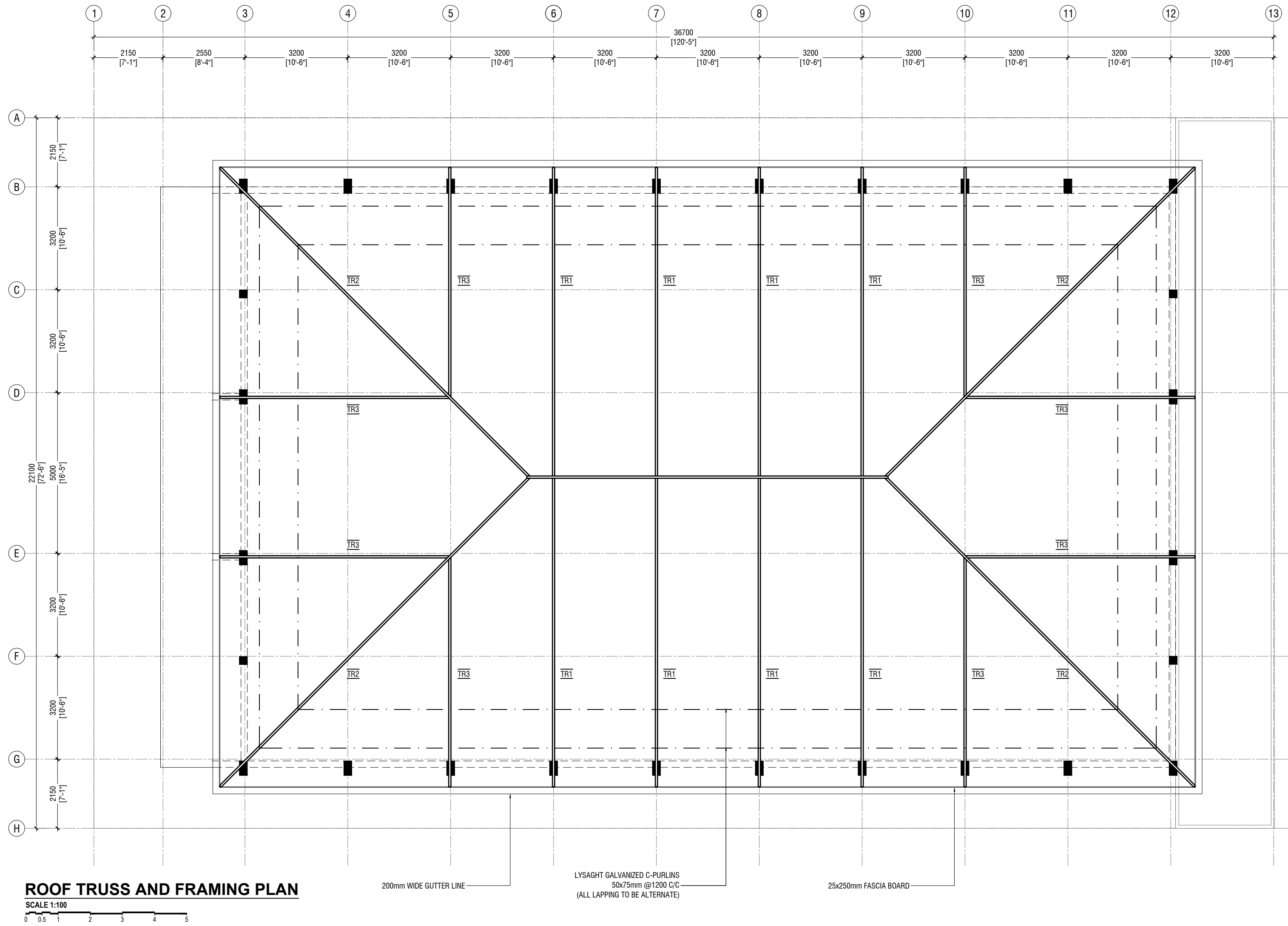
Rev no	Date
1	2019/04/01
2	2019/04/01
3	2019/04/01
4	2019/04/01
5	2019/04/01

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R.Ungoofaru School Hall
Client: Ministry of Education

Rev no	Date
1	2019
2	2019
3	2019
4	2019
5	2019
6	2019
7	2019
8	2019
9	2019
10	2019
11	2019
12	2019
13	2019

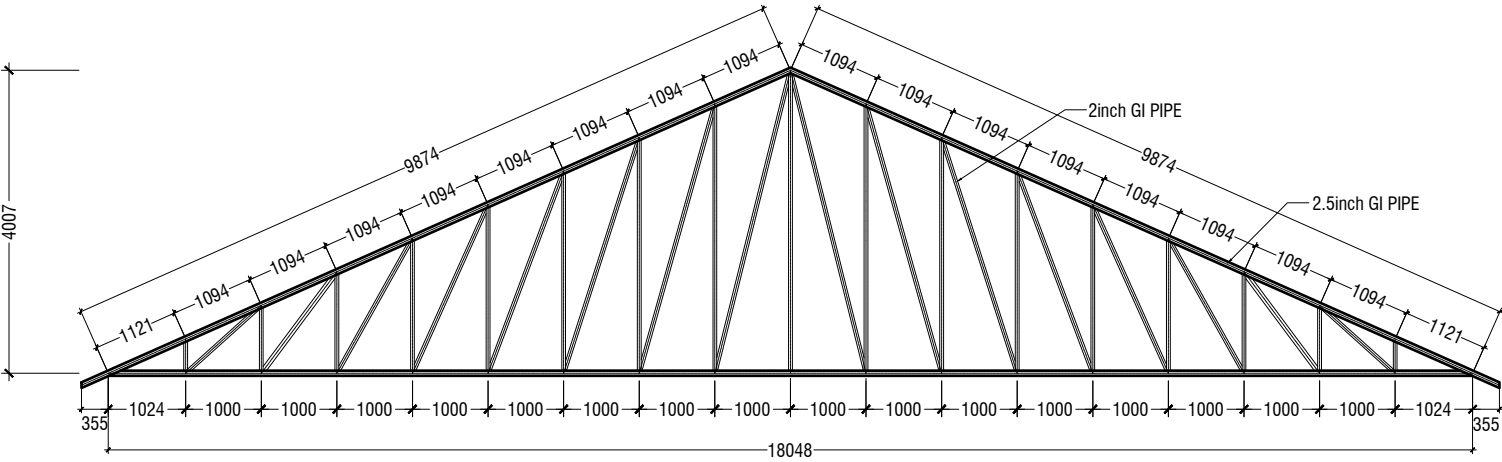
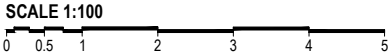


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3rd floor, H. Azumi, Anseememoggu, Male'

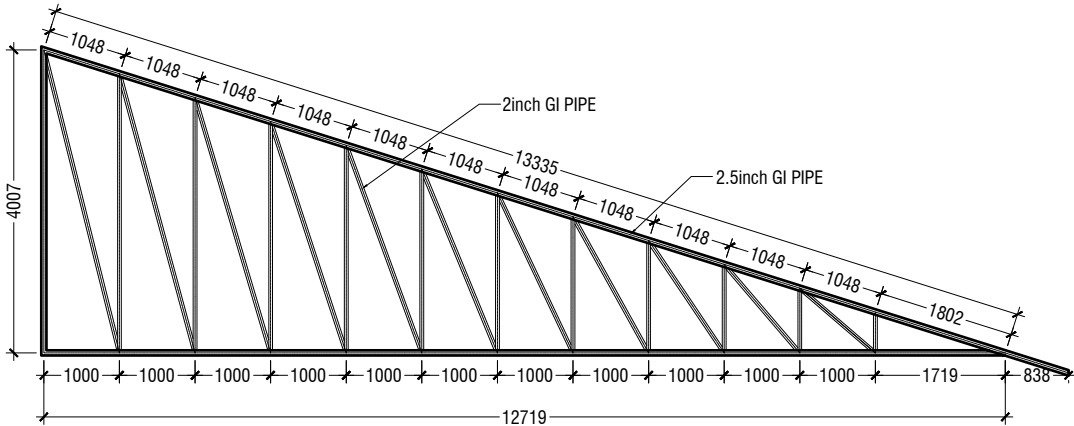
Title: Roof Truss and Framing Plan
Page: S-09/11

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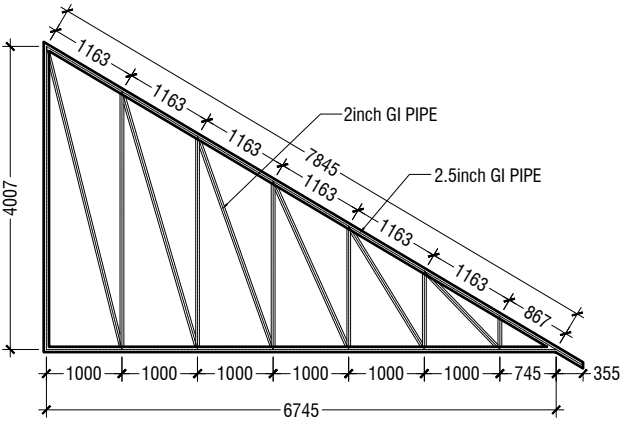
ROOF TRUSS AND FRAMING PLAN



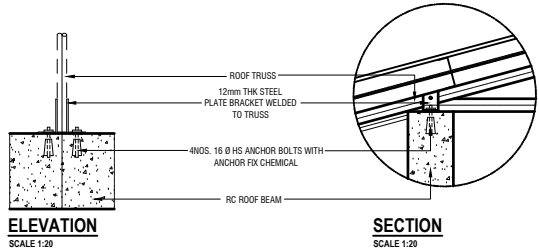
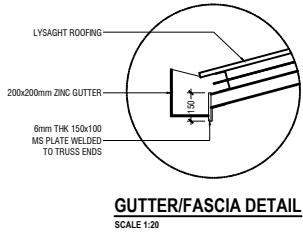
TRUSS TYPE TR1



TRUSS TYPE TR2



TRUSS TYPE TR3



TYPICAL TRUSS FIXING DETAILS
SCALE 1:20

R.Ungoofaru School Hall
Client: Ministry of Education

Project Number:	Rev no	Date
RI/2017/012		
Date: April 2019		
Architect: Razana Amir		
Engineer: Ahmed Zuhair Zaeem		
Drawn by: Razana Amir		
Services: Aishath Ahmed		
Interior: -		



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Title: Roof Truss and Framing Plan

Page: S-10/11

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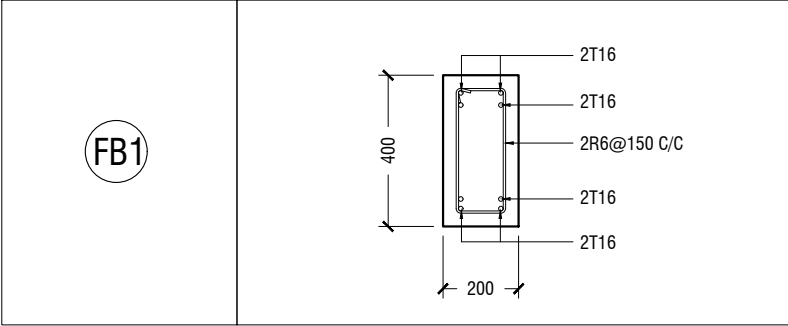
	DIMENSION	REINFORCEMENT
F1	750 x 750 x 250	T10@150 C/C B/W (B)
F2	900 x 900 x 300	T10@100 C/C B/W (B)

FOUNDATION DEPTH = 1200mm

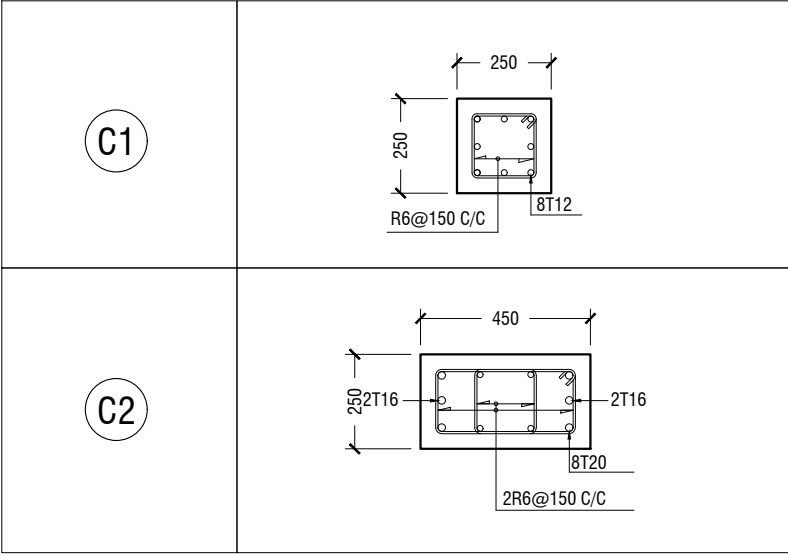
NOTE:-
COVER TO FOUNDATION = 50mm
COVER TO COLUMNS = 35-40mm
COVER TO BEAMS = 35mm
LAPS = Ø OF BAR x 45
BEAMS @END SUPPORT = Ø OF BAR x 12

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

FOUNDATION PADS

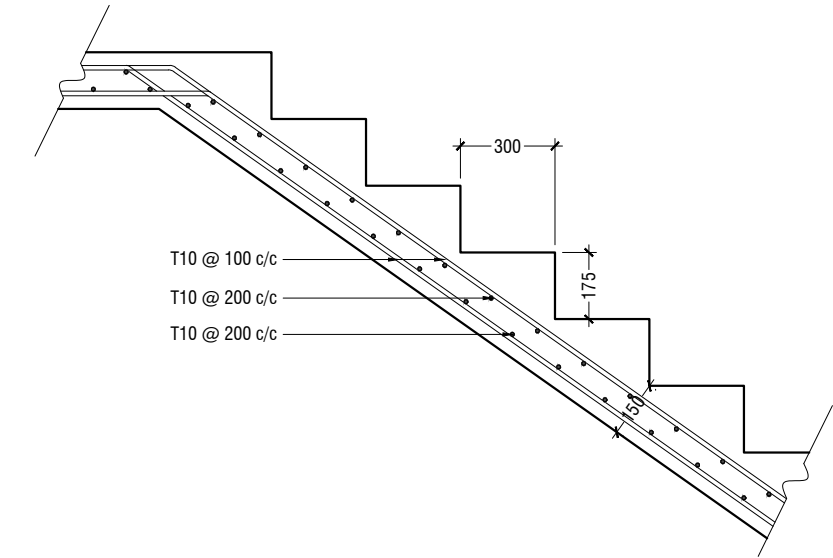
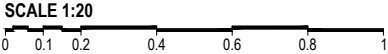


FOUNDATION DETAILS

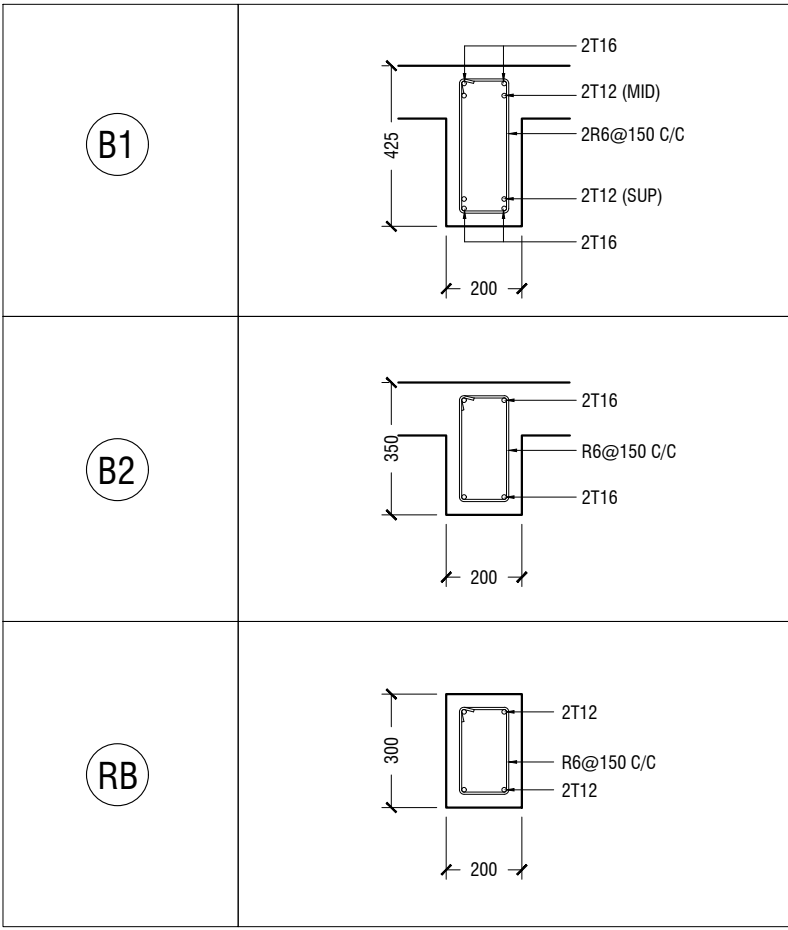


COLUMN DETAIL

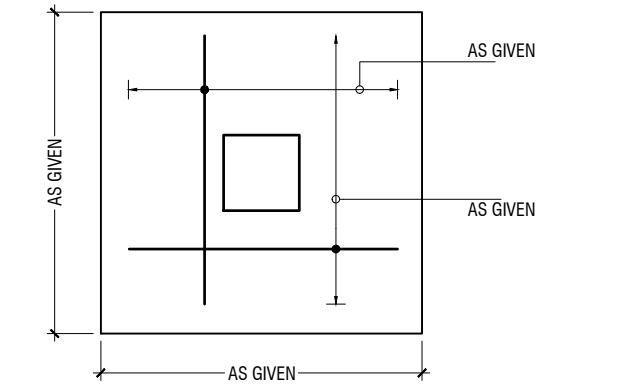
STRUCTURAL DETAILS



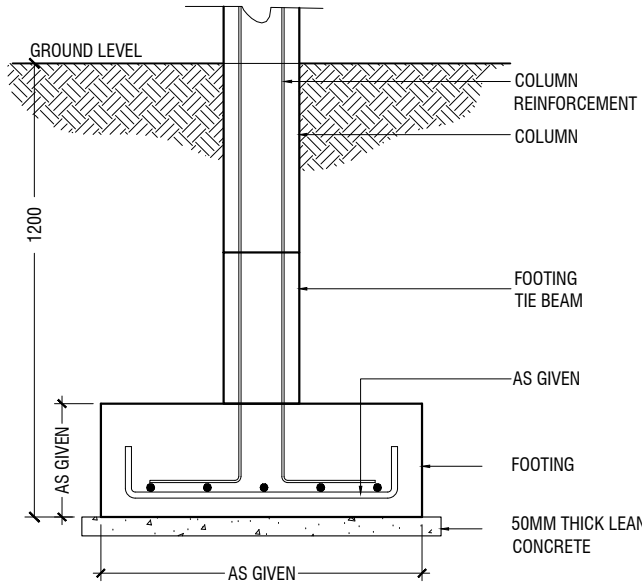
MAIN STAIRCASE REINFORCEMENT DETAIL



BEAM DETAIL



PLAN



SECTION

FOOTING DETAILS

R.Ungoofaru School Hall
Client: Ministry of Education

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

Rev no	Date
1	
2	
3	
4	