

Proposed Multipurpose Hall Building at  
AA.Thoddoo School  
Client: Ministry of Education

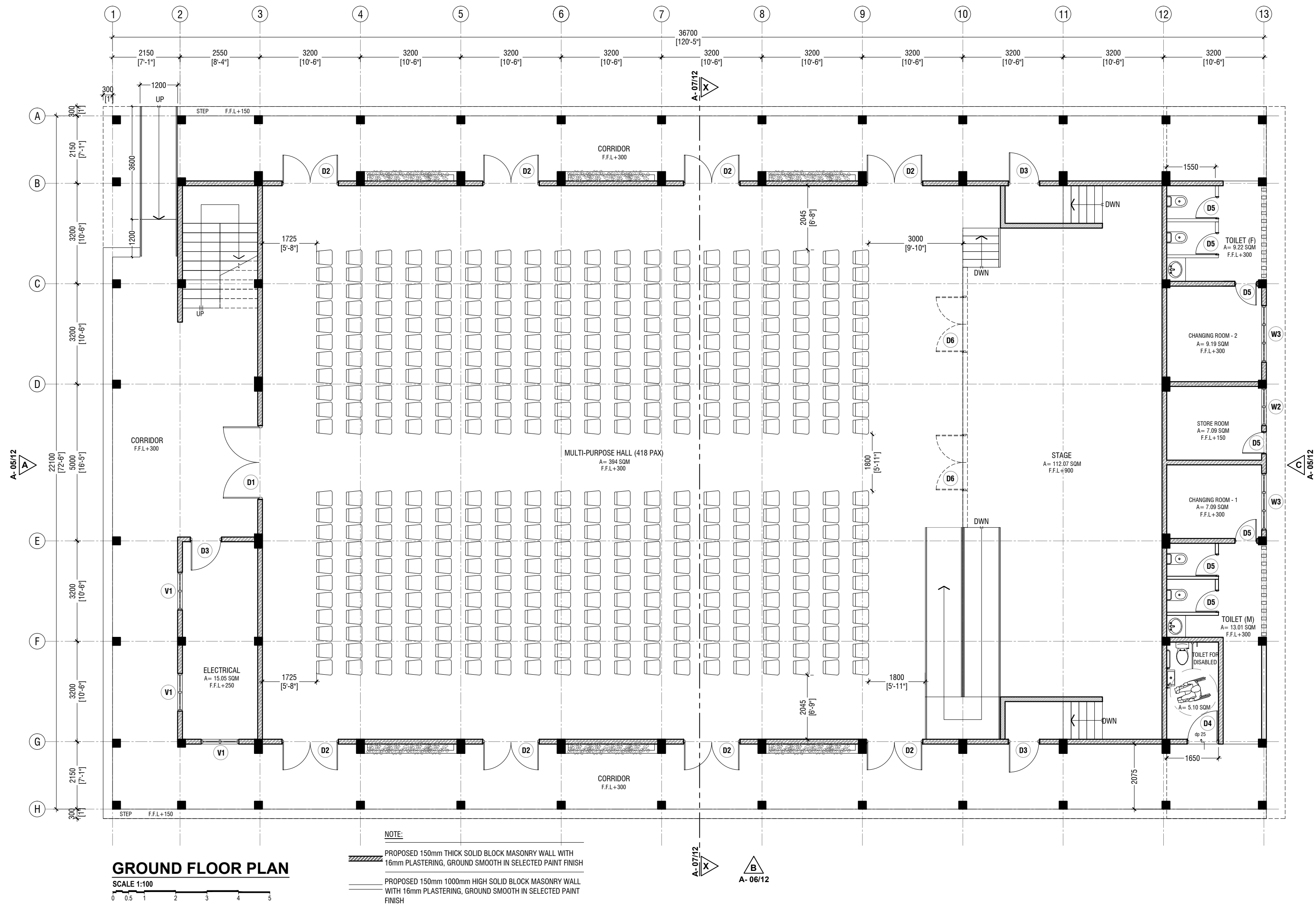


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3rd floor, H. Azum, Ammeenemagu, Male'

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AA Thoddoo School Hall  
Client: Ministry of Education

Rev no	Date
1	2019
2	2019
3	2019
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Project Number: R/2017/02  
Date: April 2019  
Drawn by: Razana Amir  
Engineer: Ahmed Zuhair Zaeem  
Services: Alifathi Ahmed  
Interior



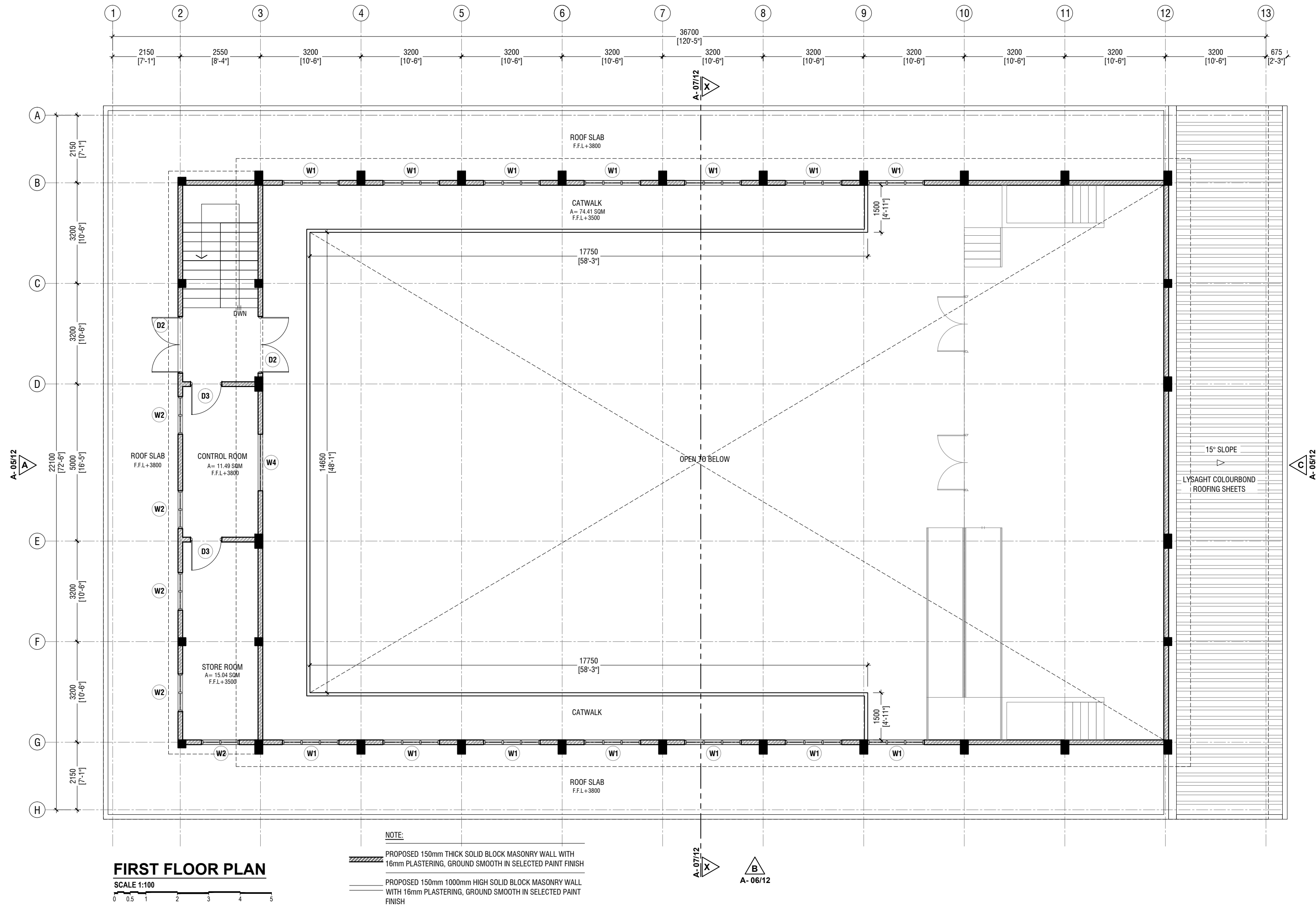
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3rd Floor, H. Azum, Ameeremogga, Male

Title: Ground Floor Plan

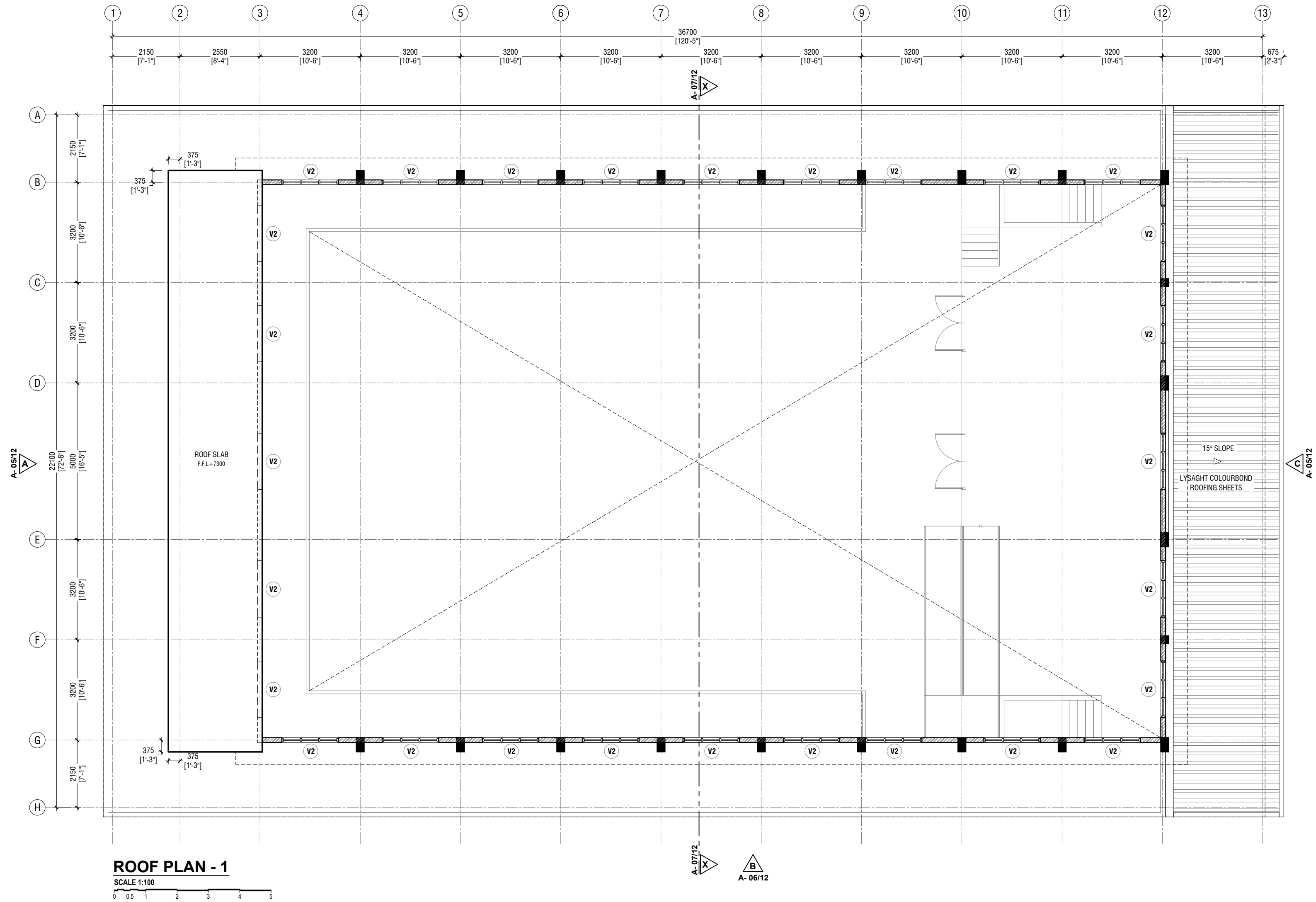
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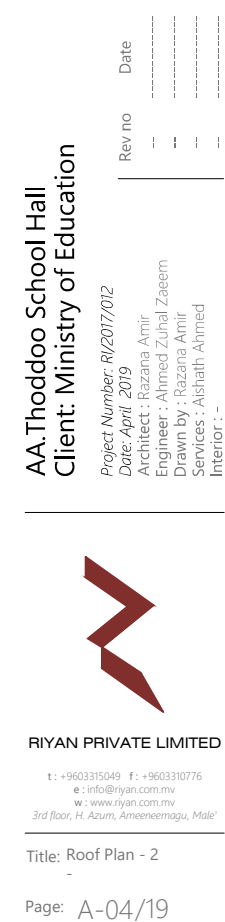


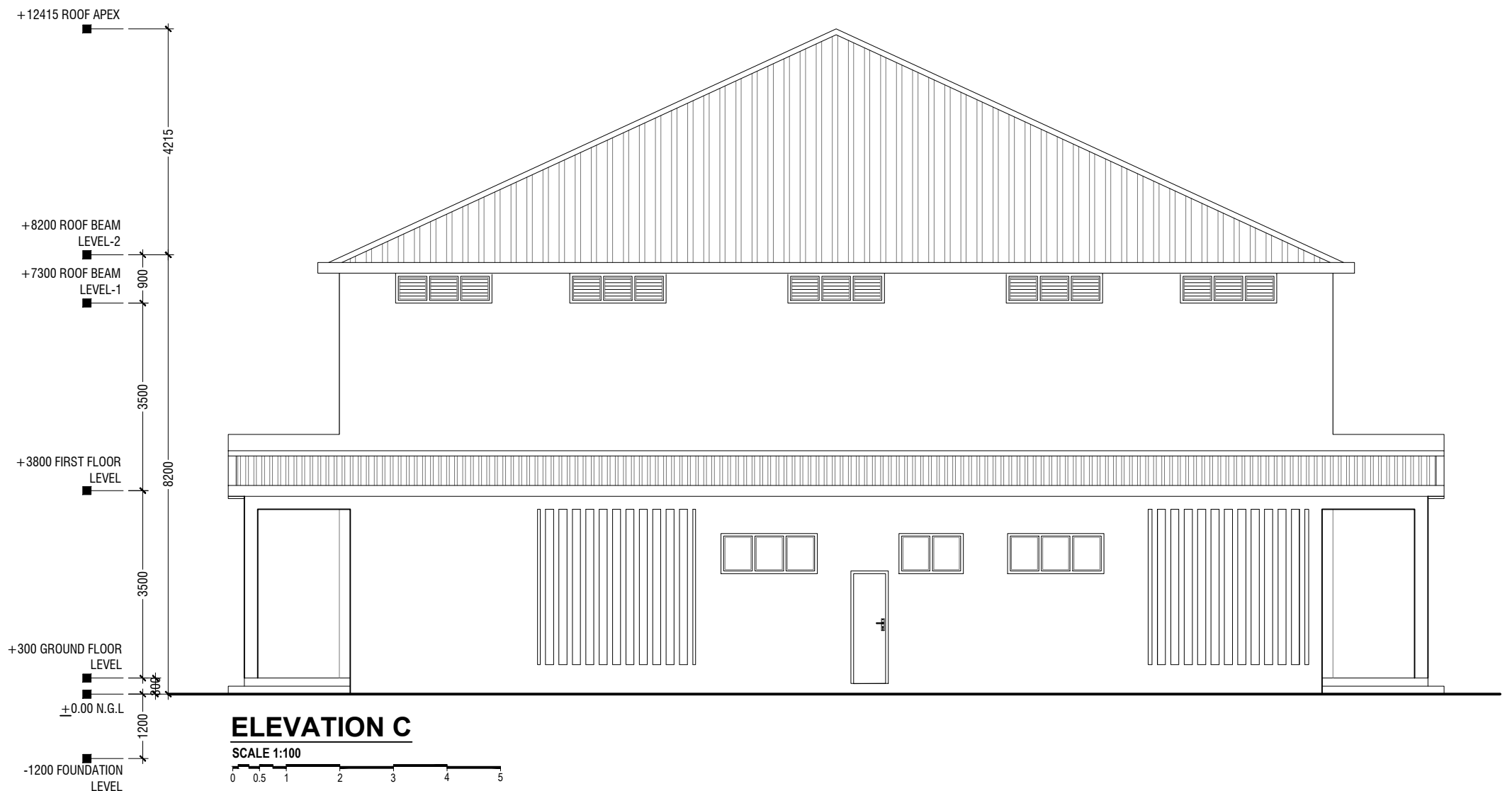
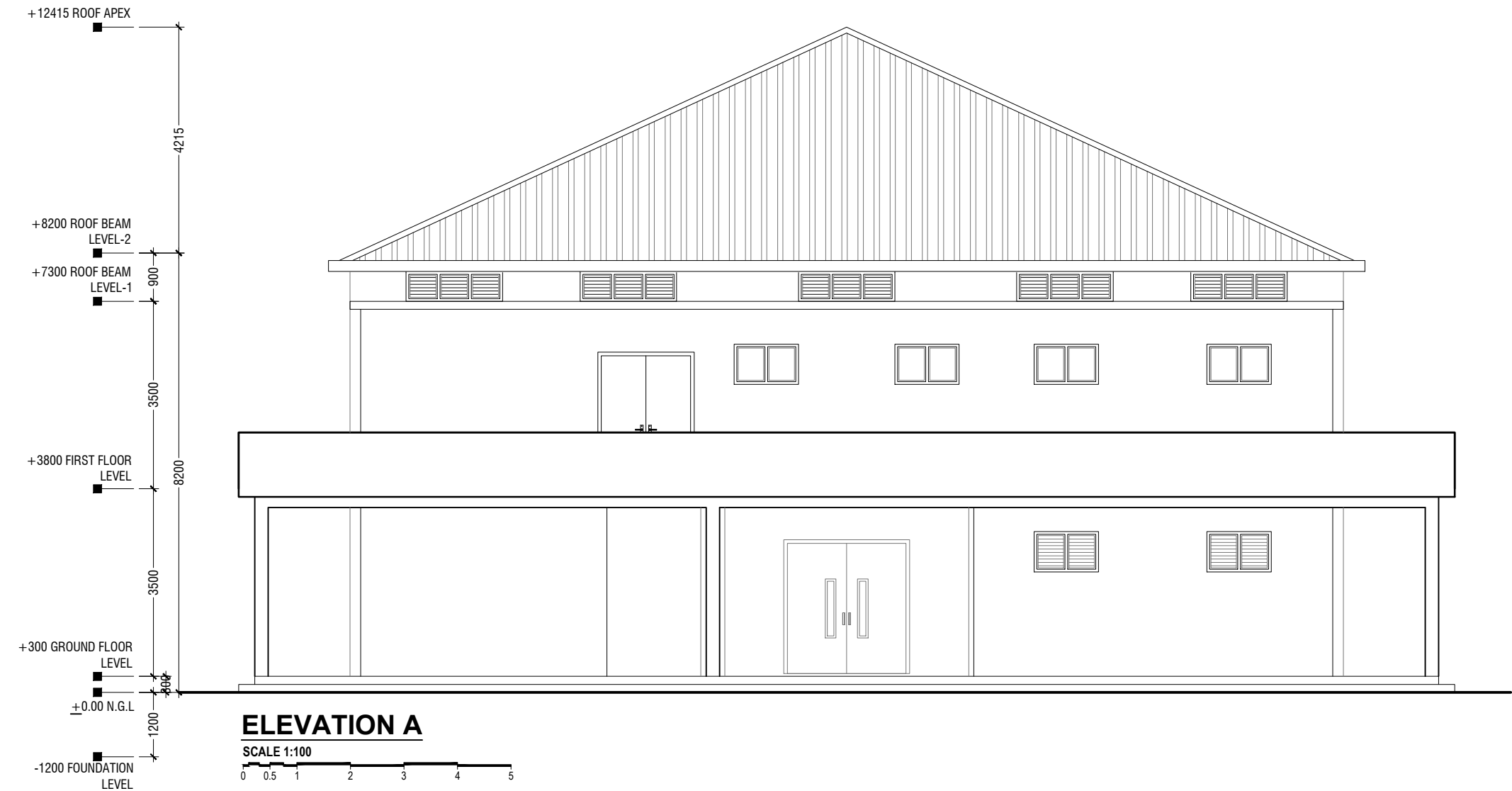
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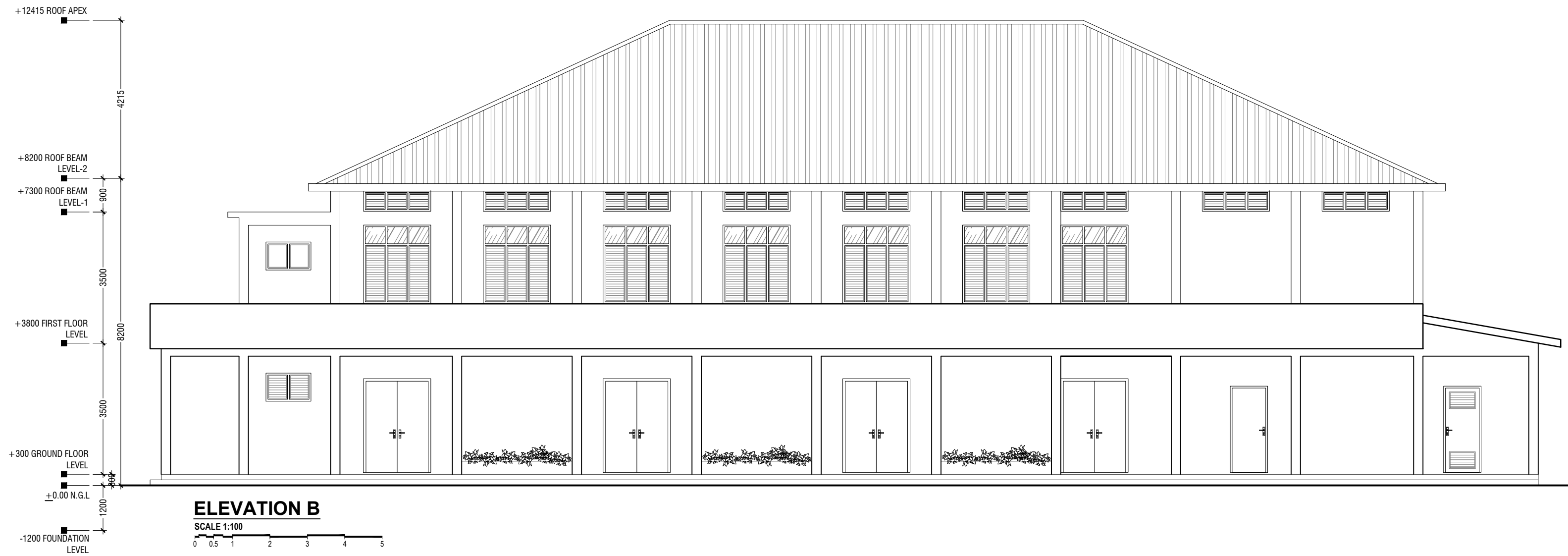
Title: Roof Plan - 1

Page: A-03/19

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Title: Elevation B

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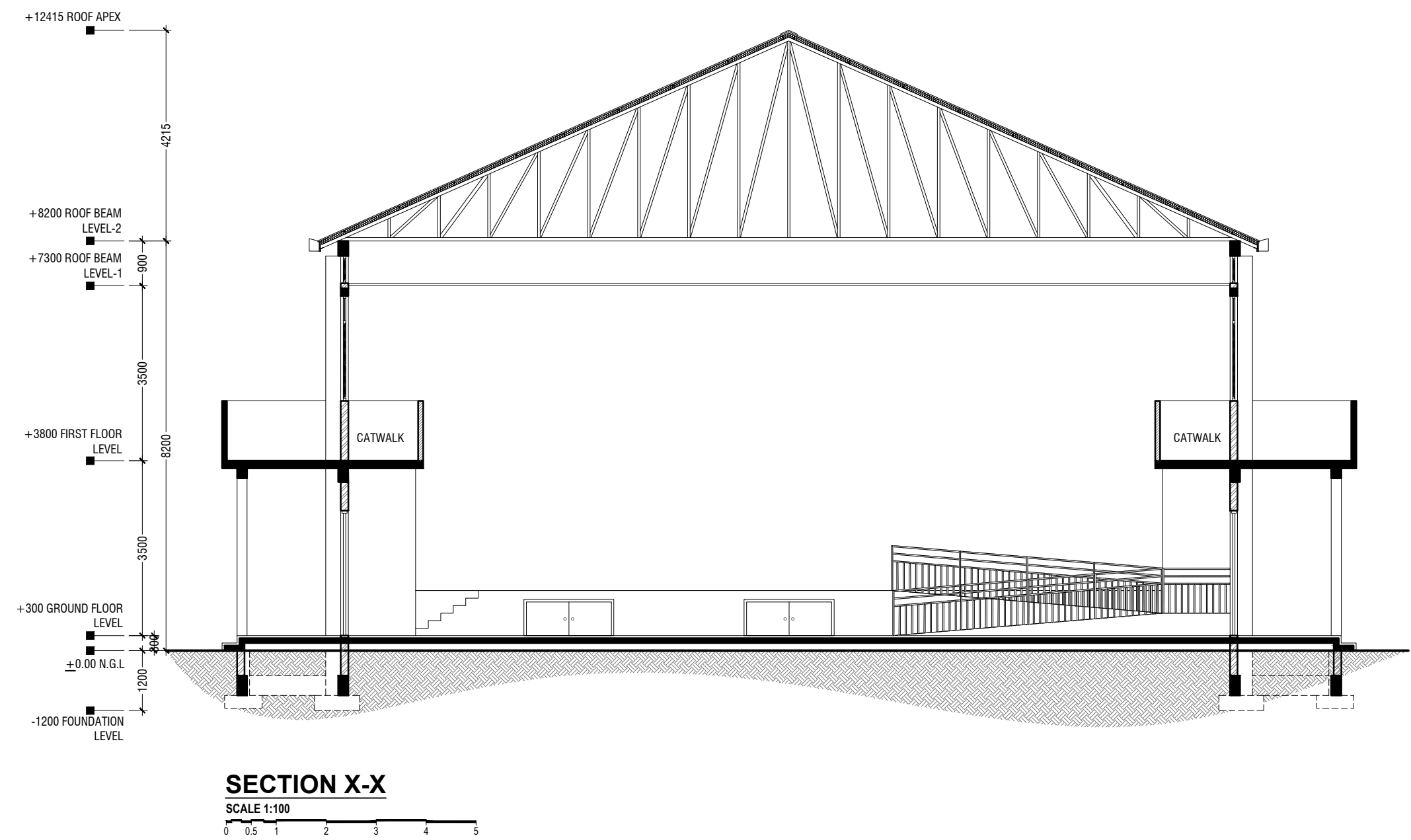
AA.Thoddoo School Hall  
Client: Ministry of Education

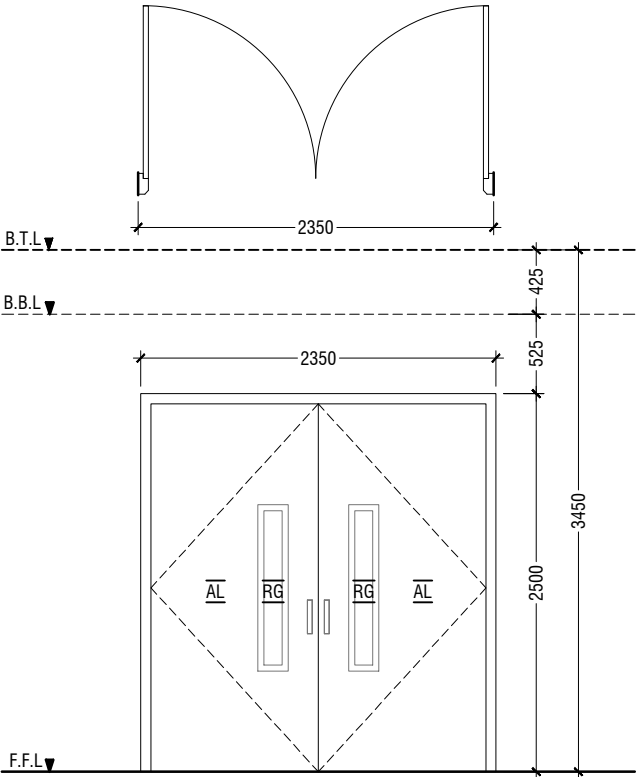
Project Number: RI/2017/012  
Date: April 2019  
Drawn by: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Services: Alifath Ahmed  
Director

Rev no	Date
1	2019-04-01
2	2019-04-01
3	2019-04-01

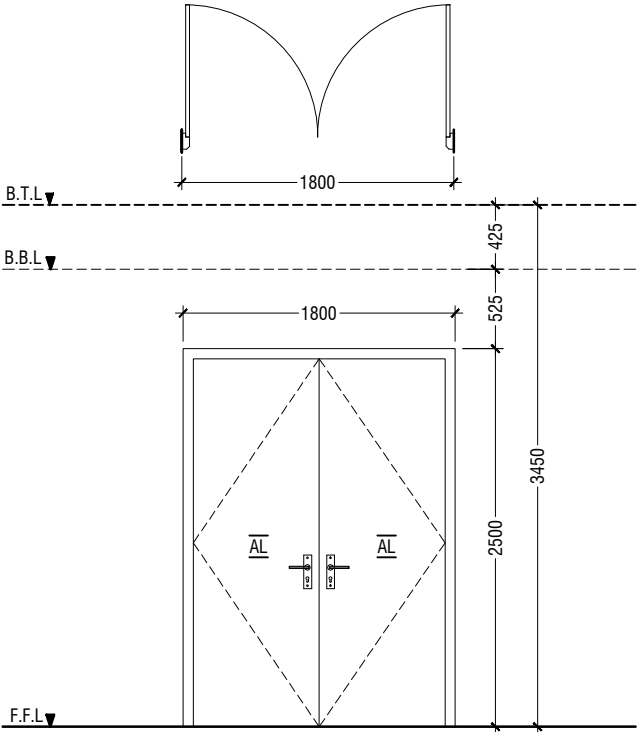
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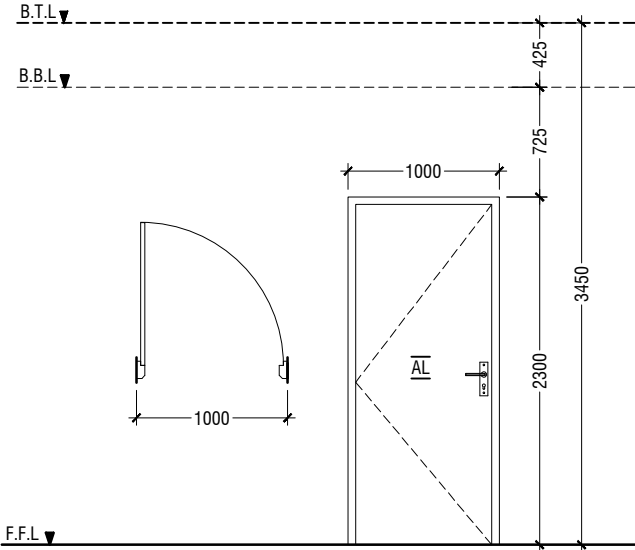




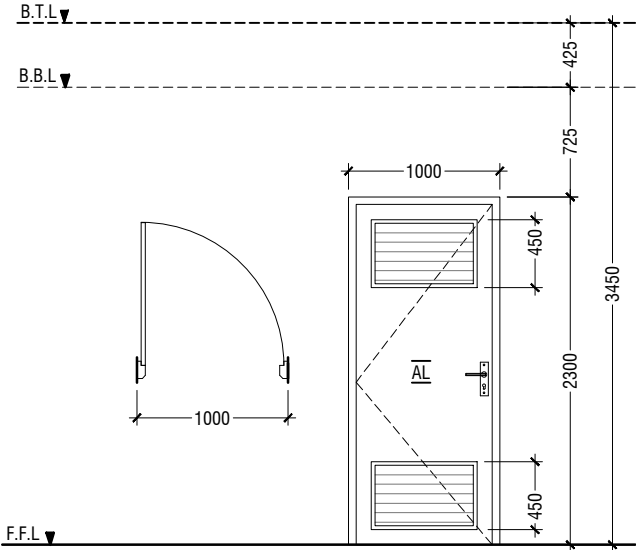
D1	DOUBLE SWING DOOR
REMARKS	FRAME & PANEL : 50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL GLASS ON PANEL : 6mm THK REFLECTIVE GLASS
LOCATION	HALL MAIN ENTRANCE
QUANTITY	01 NOS
OPEN AREA	5.39 sqm



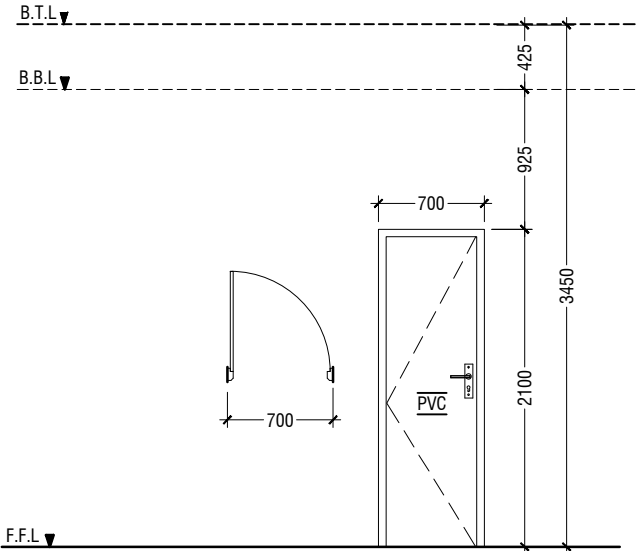
D2	DOUBLE SWING DOOR
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND LOUVERS
LOCATION	HALL ENTRANCE
QUANTITY	10 NOS
OPEN AREA	4.05 sqm



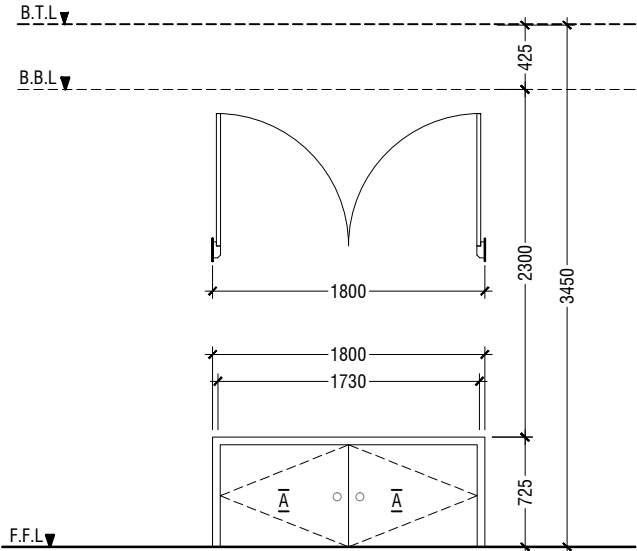
D3	SWING DOOR
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	STAGE, CONTROL ROOM & STORE ROOM
QUANTITY	05 NOS
OPEN AREA	2.03 sqm



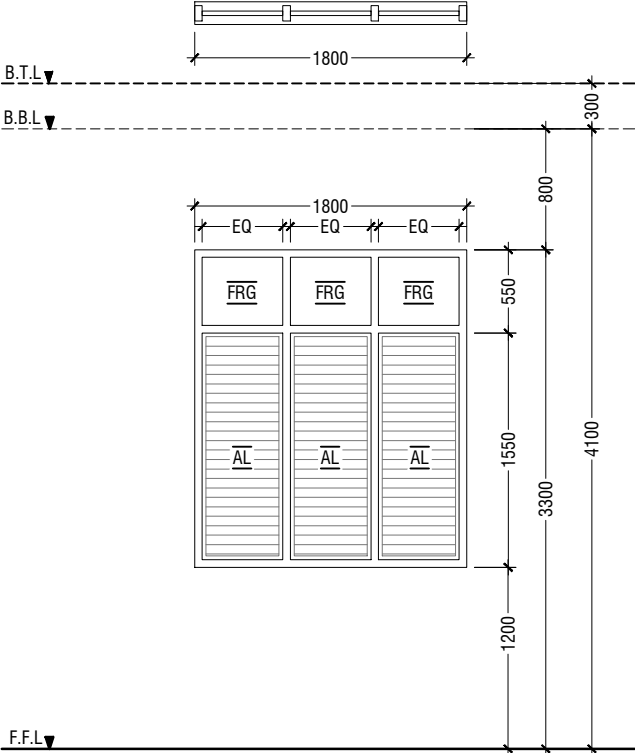
D4	SWING DOOR WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND LOUVERS
LOCATION	DISABLED TOILET
QUANTITY	01 NOS
OPEN AREA	2.03 sqm



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

AA.Thoddoo School Hall  
Client: Ministry of Education

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

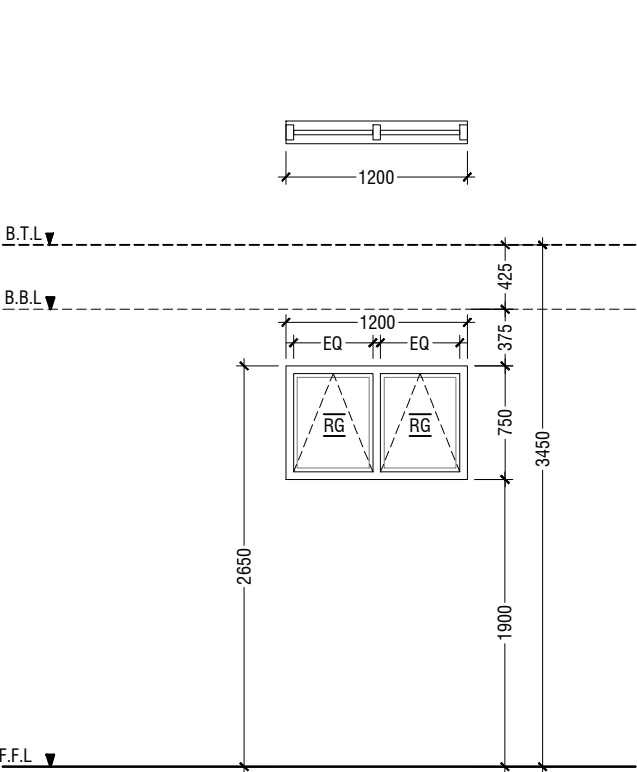


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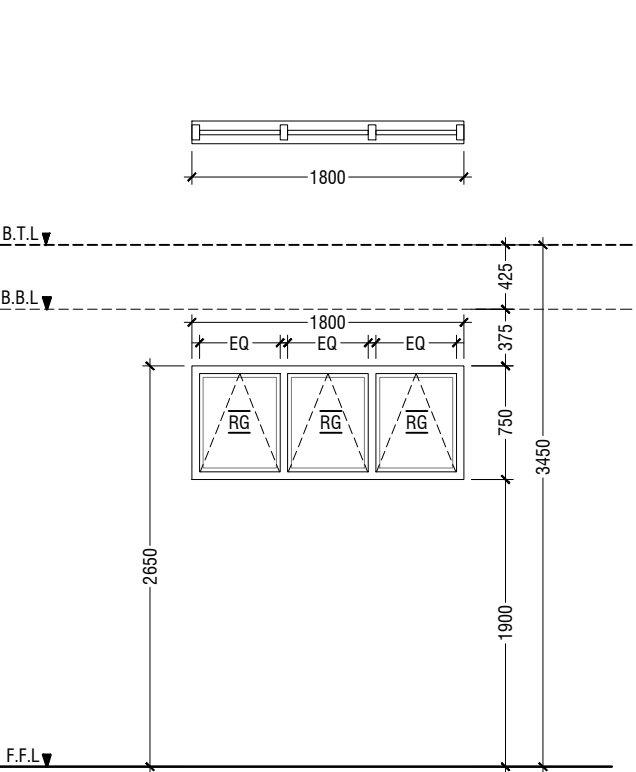
Title: Door / Window  
Schedule - 1

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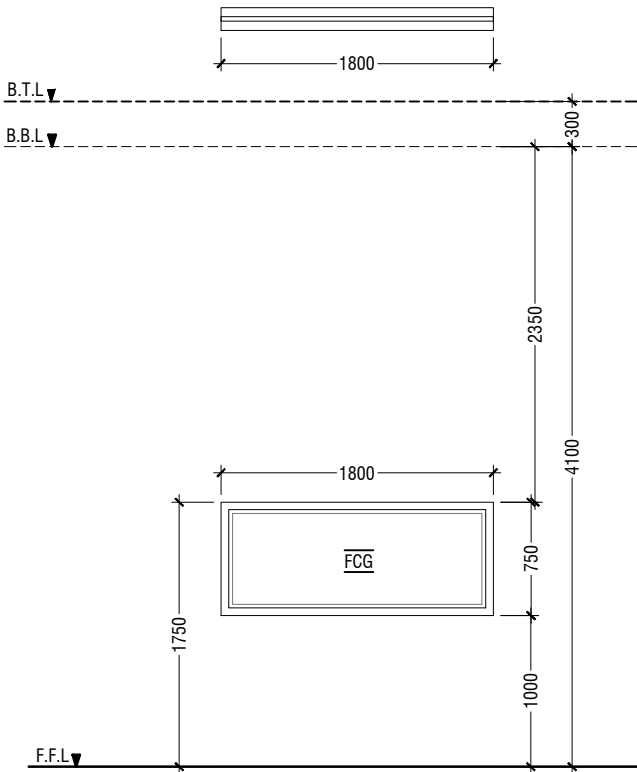
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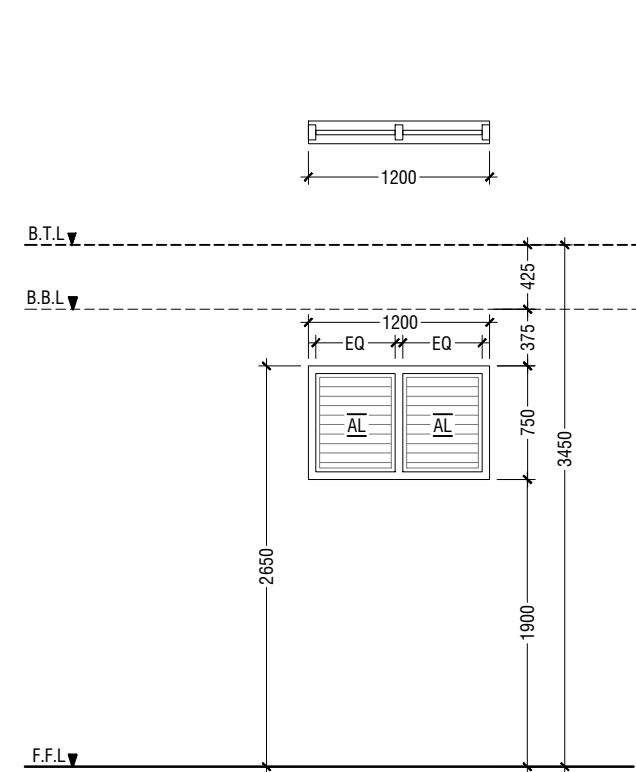
W2	TOP HUNG WINDOW
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH REFLECTIVE GLASS
LOCATION	STORE ROOM
QUANTITY	06 NOS
OPEN AREA	0.68 sqm



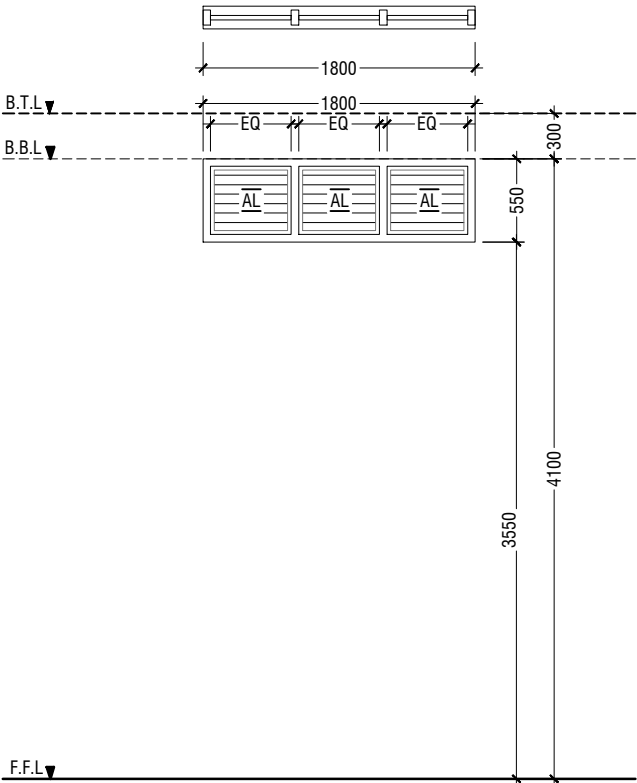
W3	TOP HUNG WINDOW
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH REFLECTIVE GLASS
LOCATION	CHANGING ROOMS
QUANTITY	02 NOS
OPEN AREA	1.04 sqm



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 AA.THODDOO SCHOOL

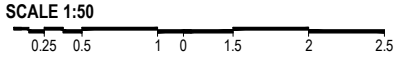
	Room name	Room Areas (sqm) ( Specify centre to centre or clear)	Window (opening) number	Required opening areas (sqm)	Designed opening areas (sqm)	Open %
	<b>Ground Floor</b>					
1	Multi-purpose Hall	394.00	D1, 8*D2 & 14*W1	39.40	71.39	18.12%
2	Electrical	15.05	3*V1	1.51	2.04	13.55%
3	Changing Room -1	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			
	<b>First Floor</b>					
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%

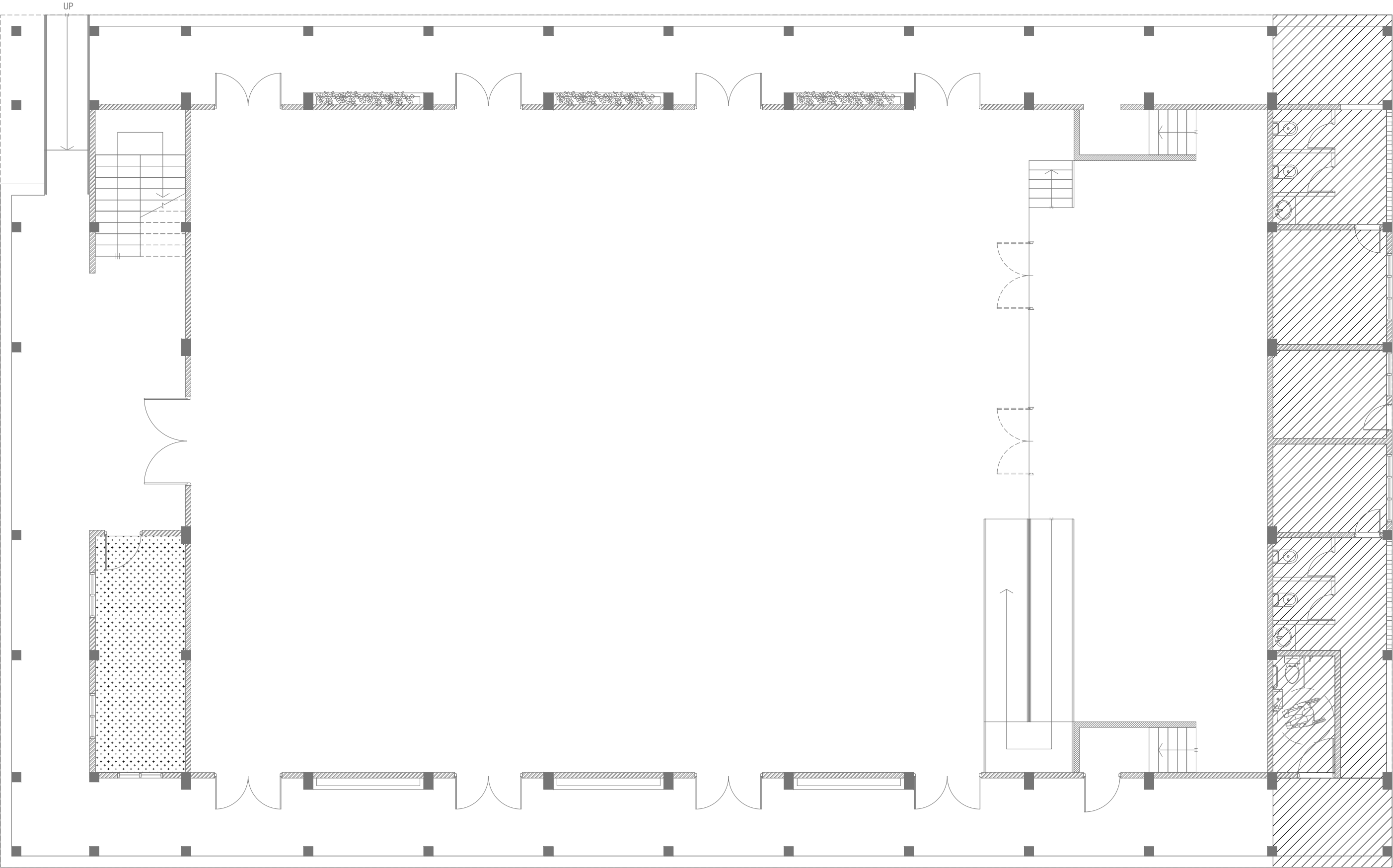
VENTILATION SCHEDULE

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

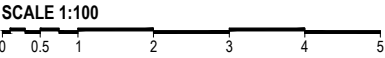
NOTE:-  
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DOOR / WINDOW SCHEDULE - 2





**GROUND FLOOR  
REFLECTED CEILING PLAN**



**LEGEND**

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

AA.Thoddoo School Hall  
Client: Ministry of Education

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



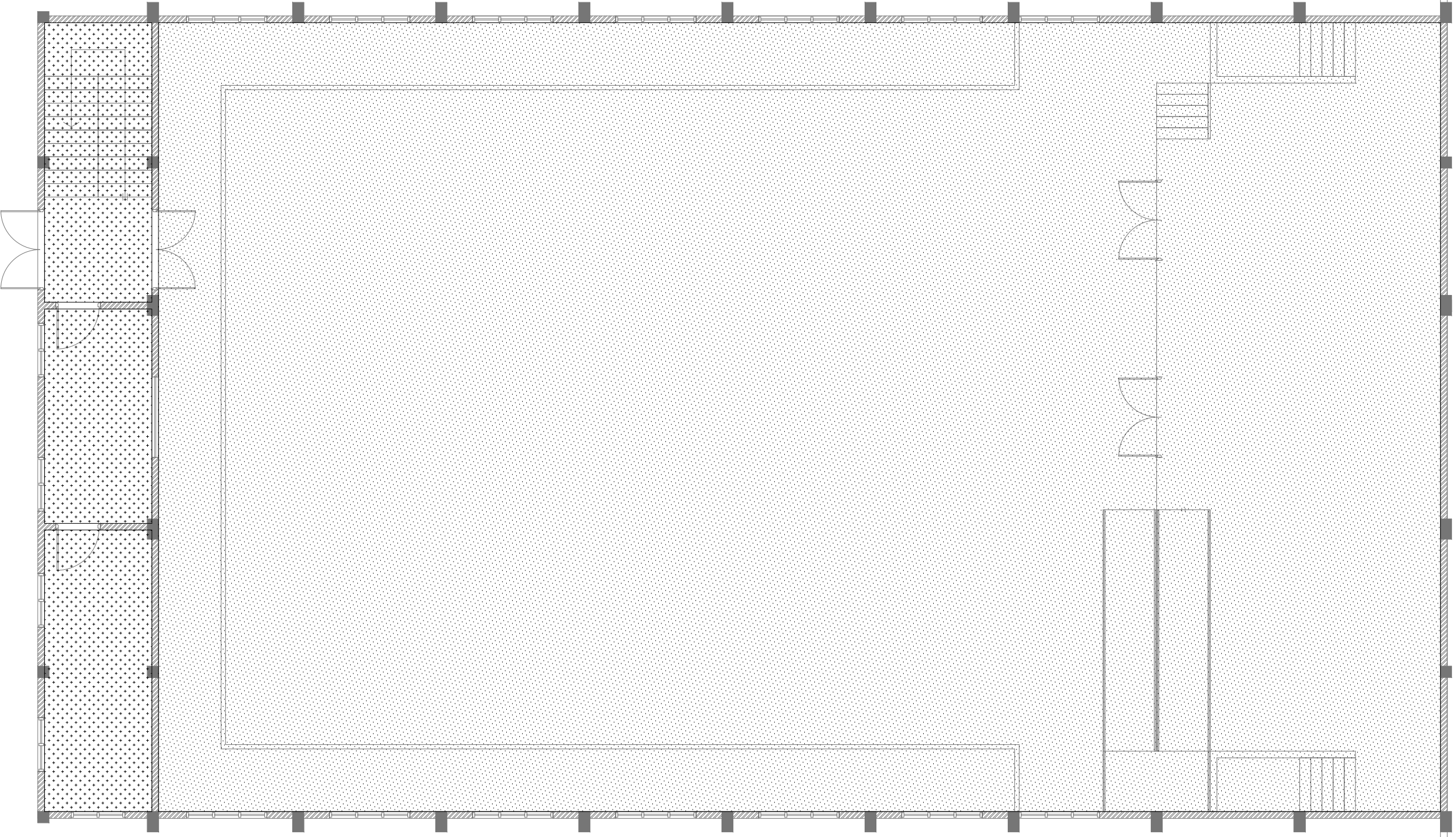
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Title: Door / Window  
Schedule - 2

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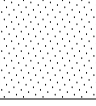
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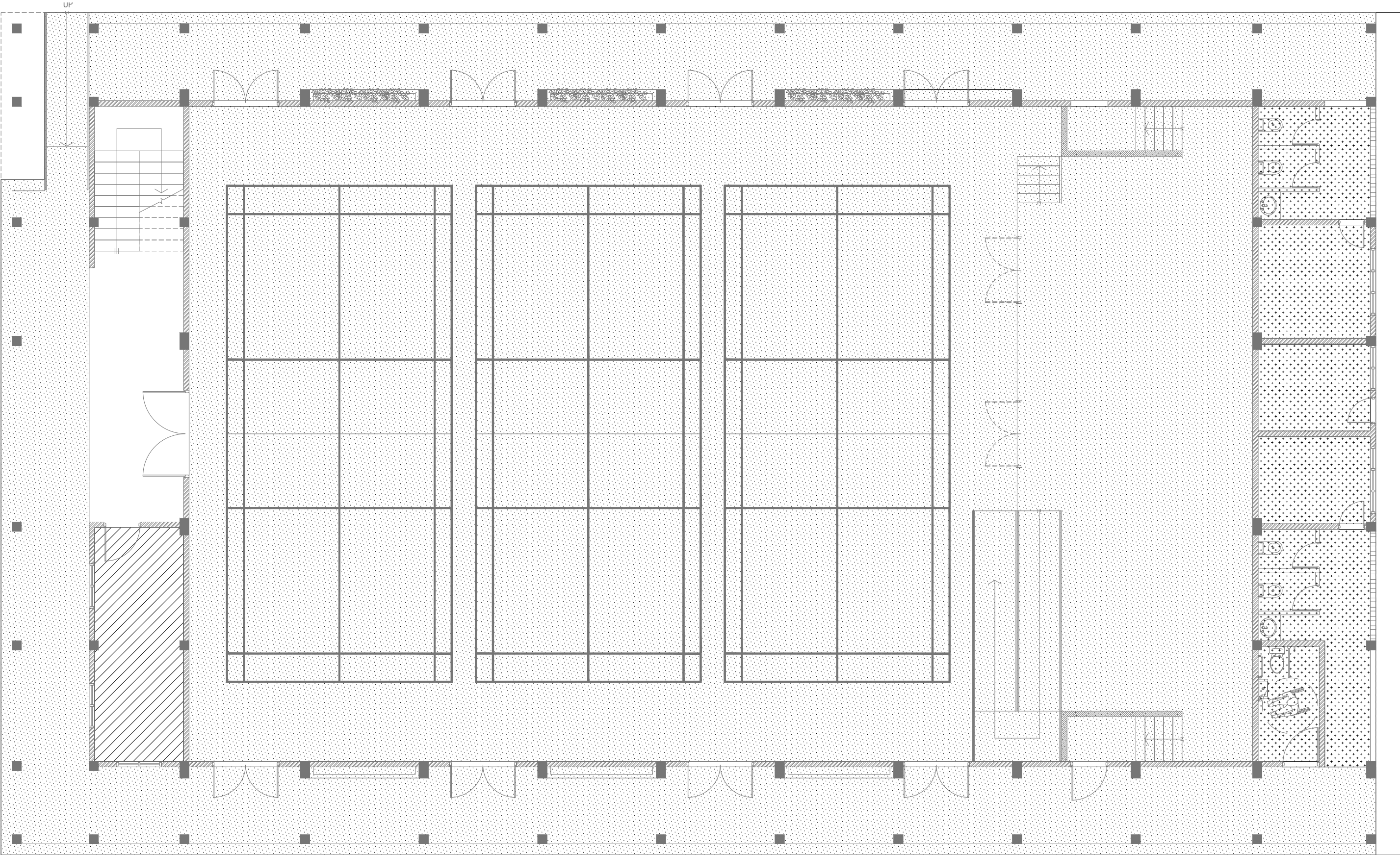
**FIRST FLOOR  
REFLECTED CEILING PLAN**

SCALE 1:100

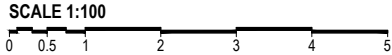
0 0.5 1 2 3 4 5

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



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

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RI/2017/012		
Date: April 2019		
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Interior: -		



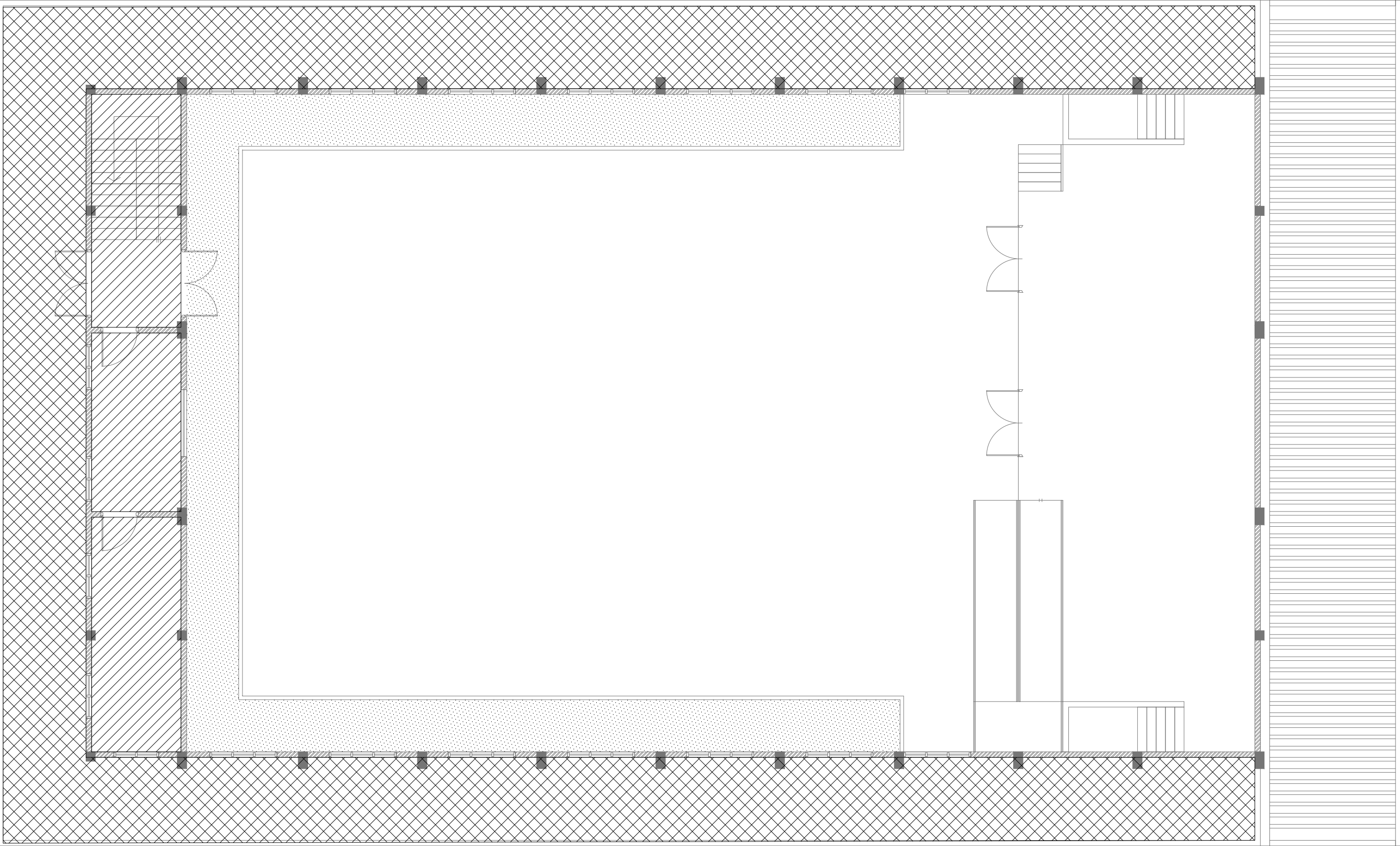
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Title: Door / Window  
Schedule - 2

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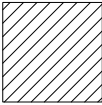
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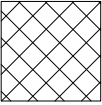


**FIRST FLOOR  
FLOOR FINISHES PLAN**

SCALE 1:100

**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
---	---

AA.Thoddoo School Hall  
Client: Ministry of Education

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Date- April 2019	---	---
Architect - Razana Amir	---	---
Engineer - Ahmed Zunal Zaeem	---	---
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Services : Aishath Ahmed	---	---
Interior : -	---	---

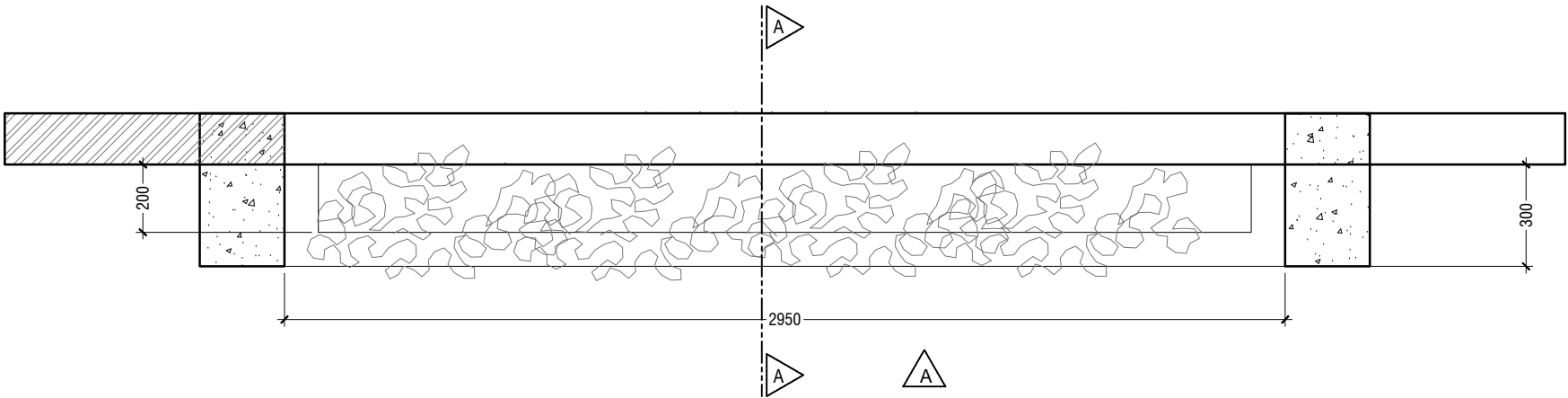


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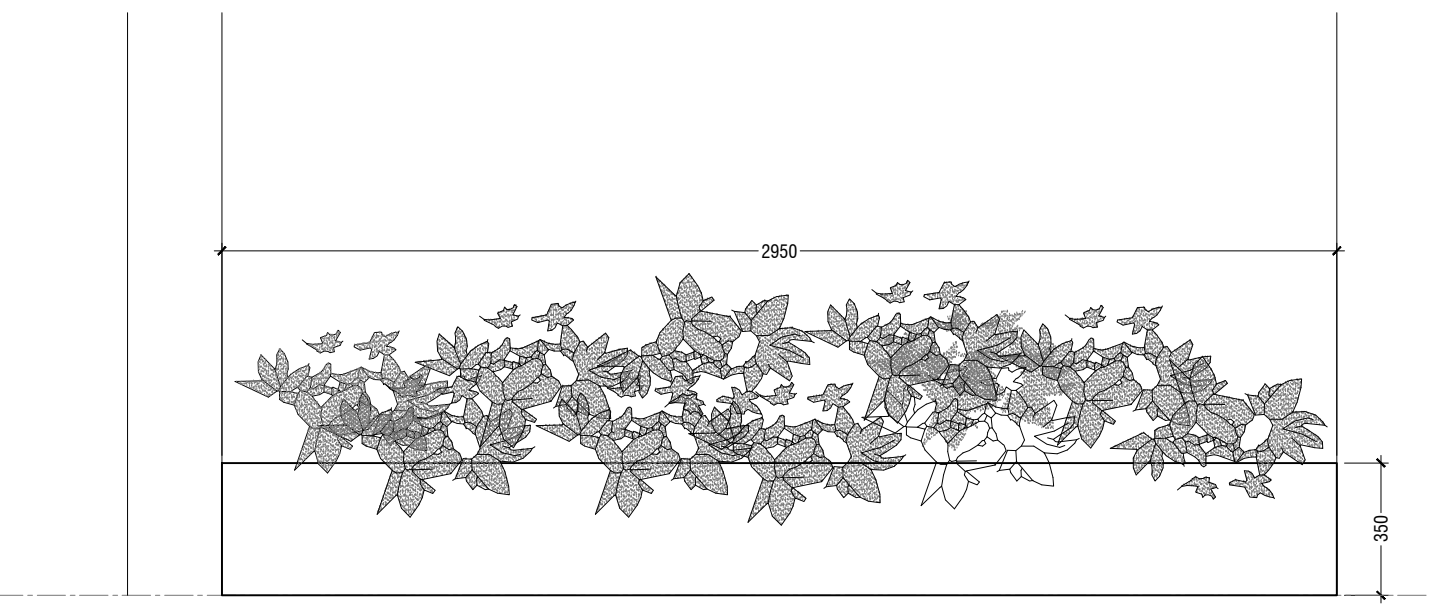
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3rd floor, H. Azum, Ameeleemagui, Male'

Title: Door / Window  
Schedule - 2

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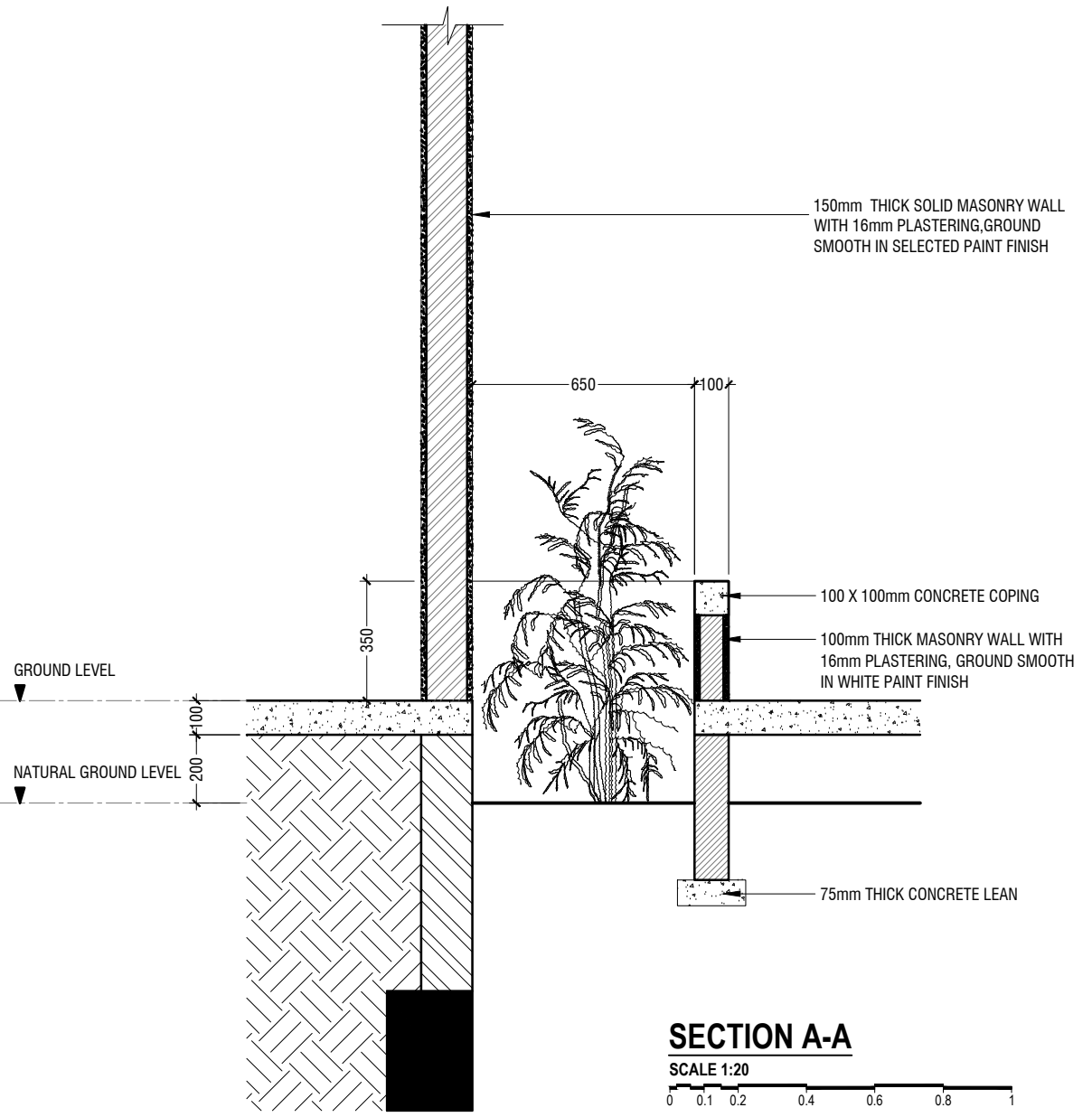


**PLAN**  
SCALE 1:20



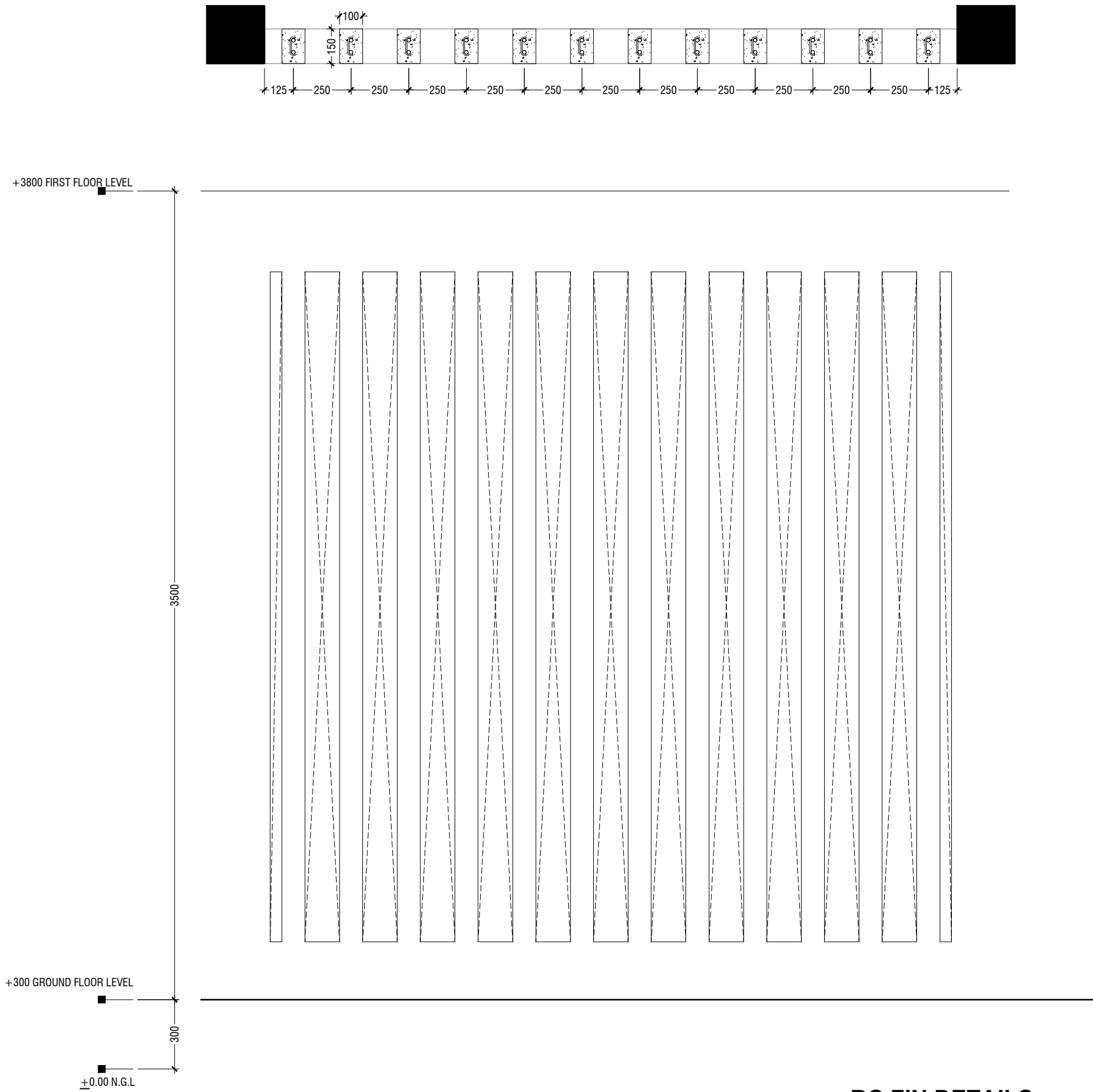
**ELEVATION A**  
SCALE 1:20

**PLANTER BOX DETAILS**



**SECTION A-A**  
SCALE 1:20



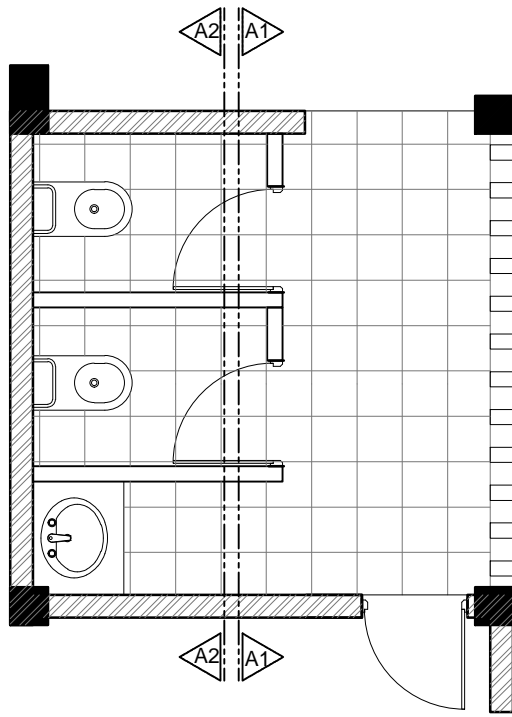


AA.Thoddoo School Hall  
Client: Ministry of Education

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

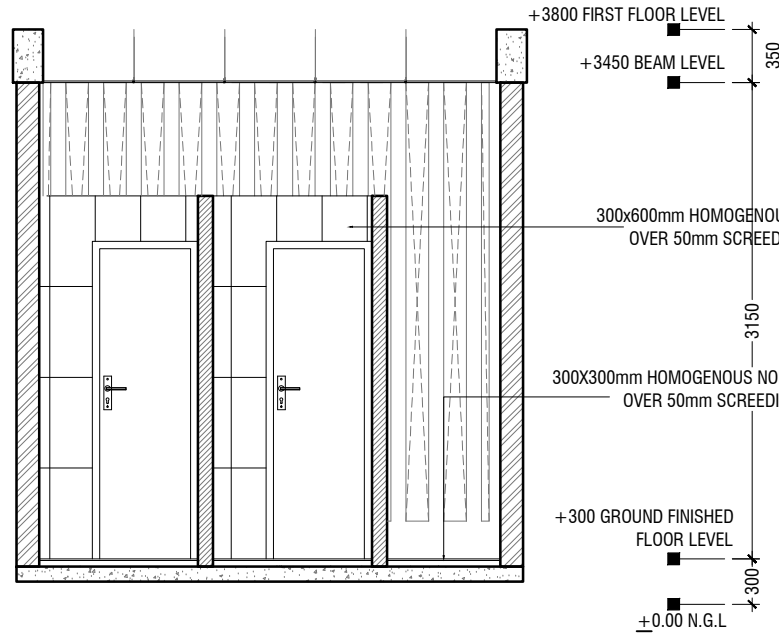
  
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e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azum, Ameeesemagau, Male'

Title: RC Fin Detail



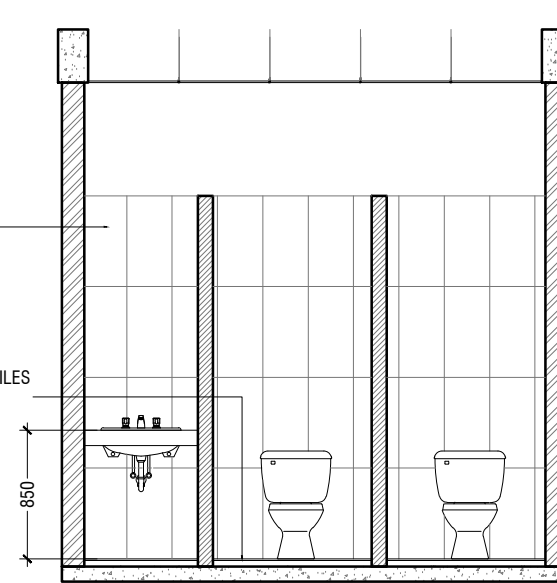
**TYPICAL TOILET PLAN**

SCALE 1:50  
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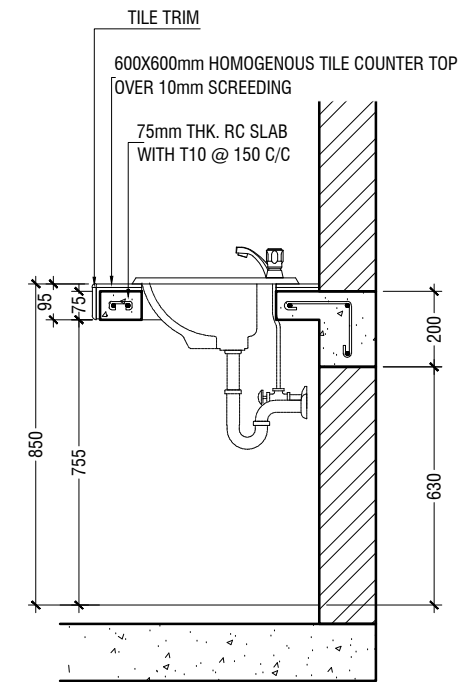
**SECTION A1-A1**

SCALE 1:50  
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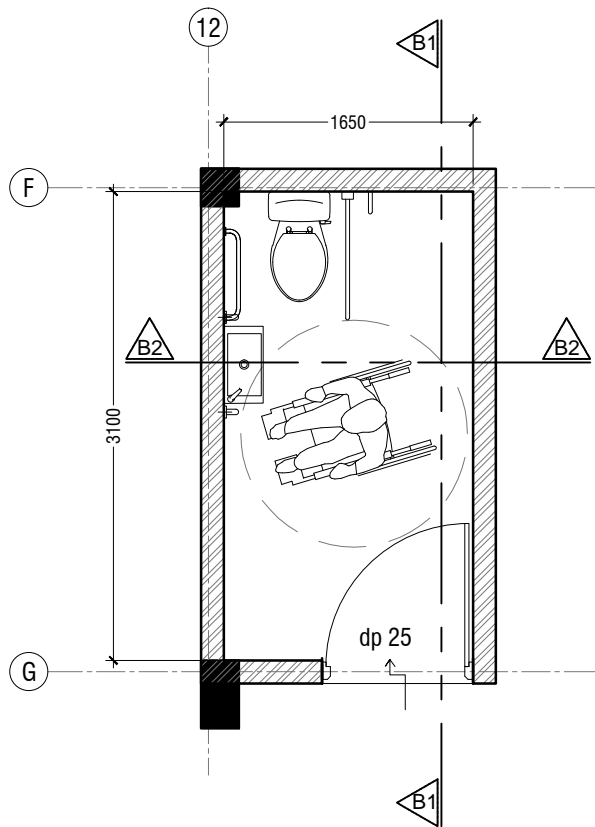
**SECTION A2-A2**

SCALE 1:50  
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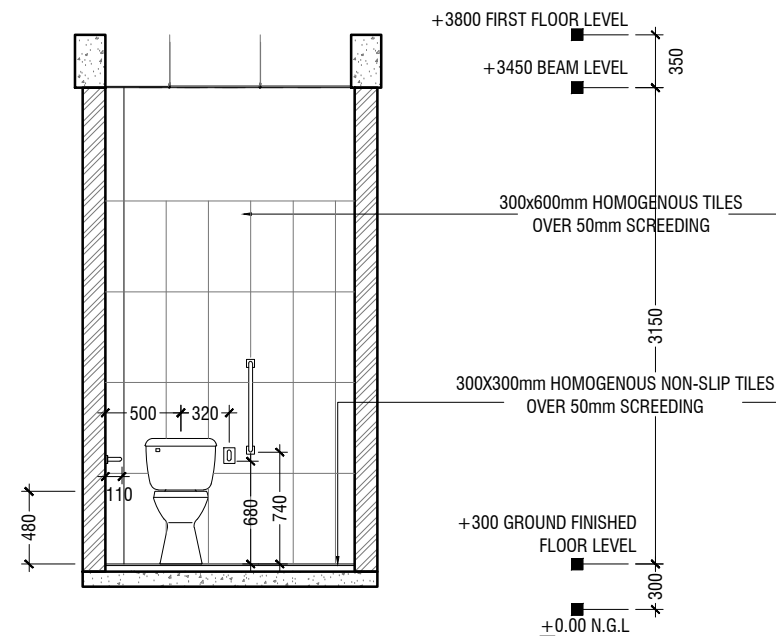
**COUNTER TOP DETAILS**

SCALE 1:20  
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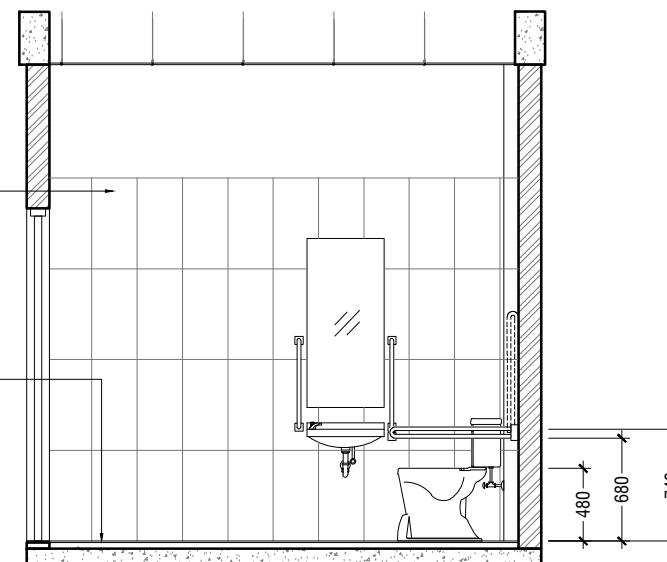
**TOILET FOR PERSONS WITH DISABILITIES PLAN**

SCALE 1:50  
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**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

AA.Thoddoo School Hall  
Client: Ministry of Education

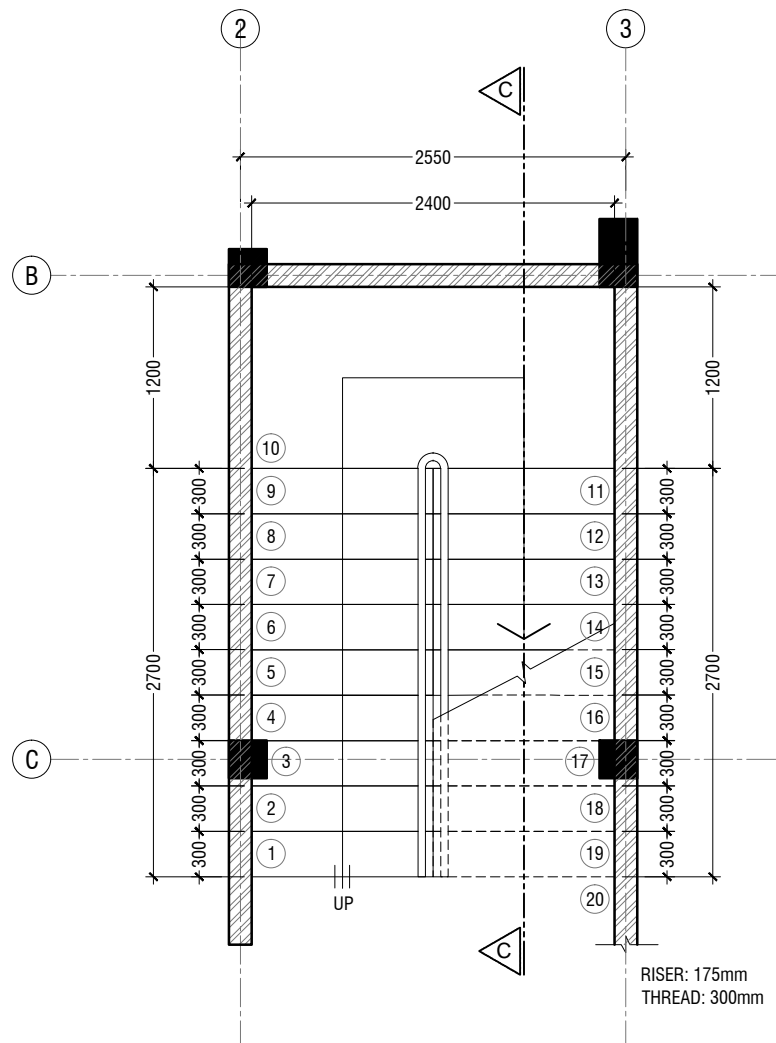
Project Number: RI/2017/012	Date
Date: April 2019	
Architect: Razana Amir	
Engineer: Ahmed Zuhair Zaeem	
Drawn by: Razana Amir	
Services: Aishath Ahmed	
Interior: -	



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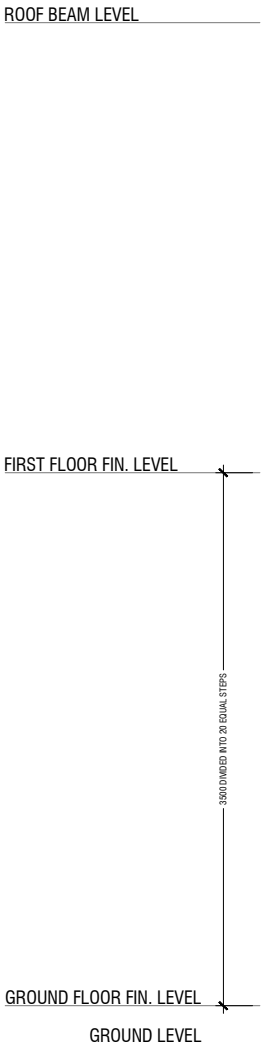
t: +9603315049 f: +9603310776  
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w: www.riyan.com.mv  
3rd floor, H. Azum, Ameeesemagu, Male'

Title: Toilet details



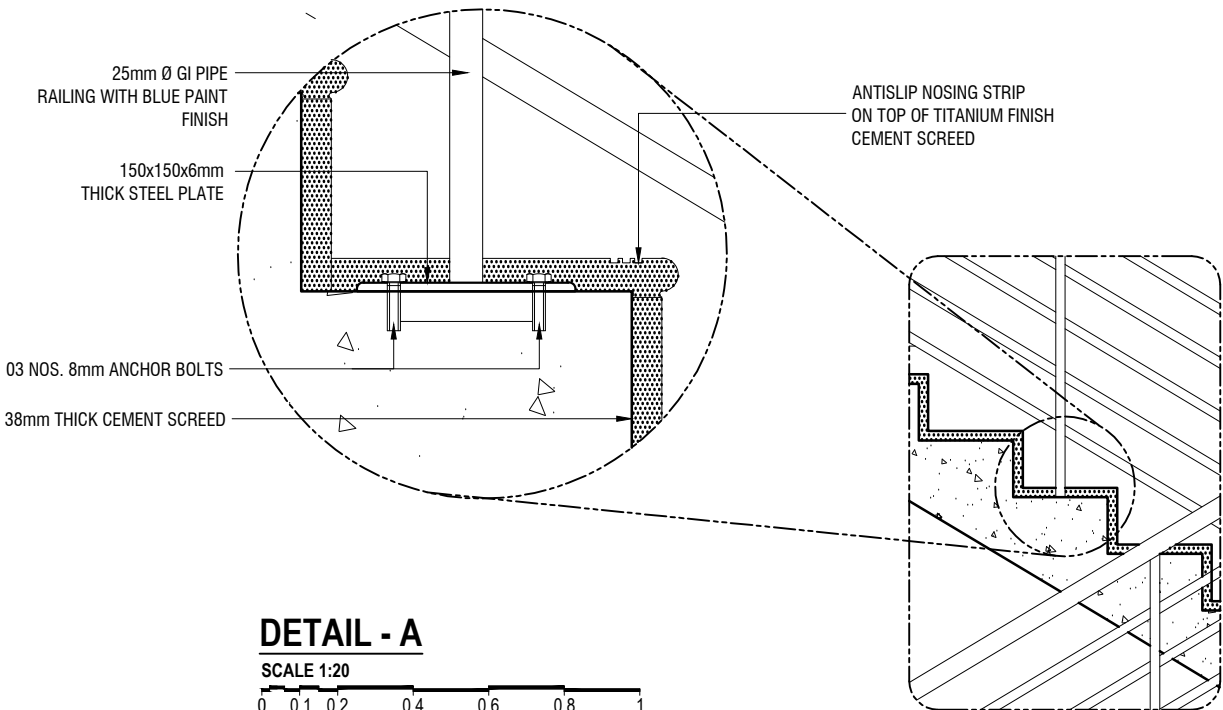
# MAIN STAIRCASE PLAN

SCALE 1:50



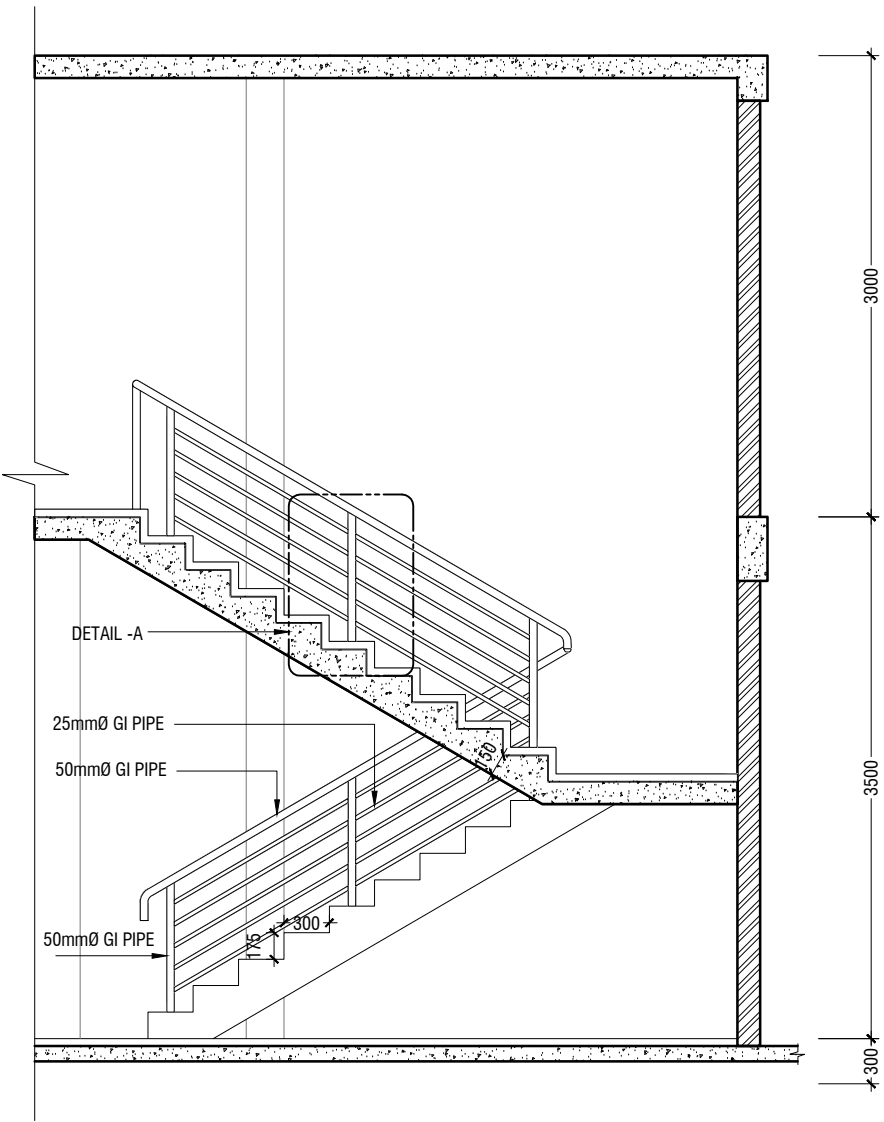
# SECTION C-C

SCALE 1:50



# DETAIL - A

SCALE 1:20



# MAIN STAIRCASE DETAIL

SCALE 1:50

AA.Thoddoo School Hall  
Client: Ministry of Education

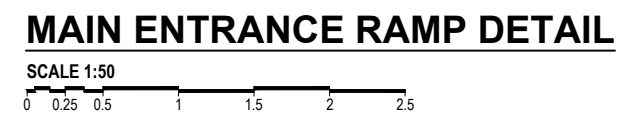
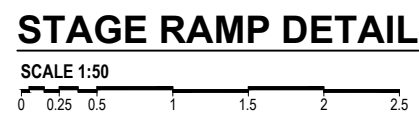
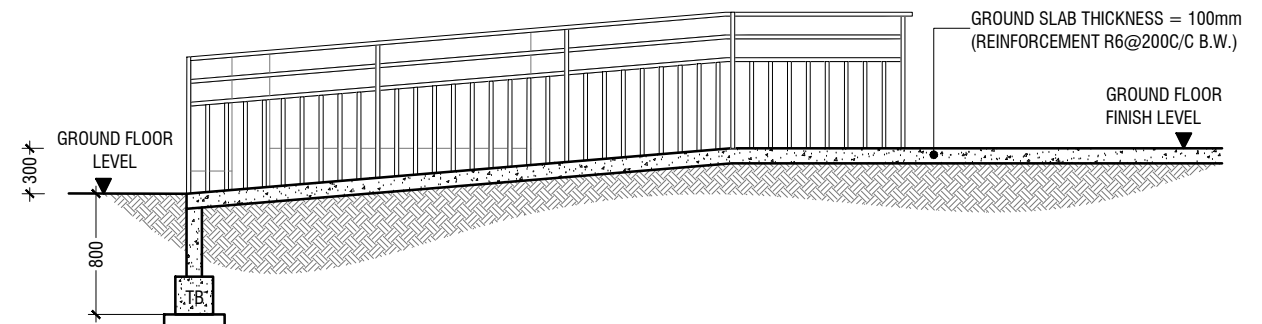
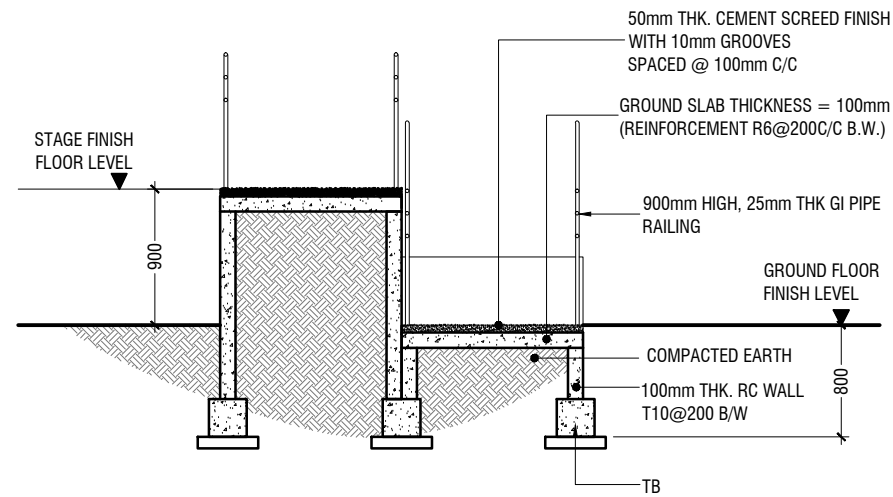
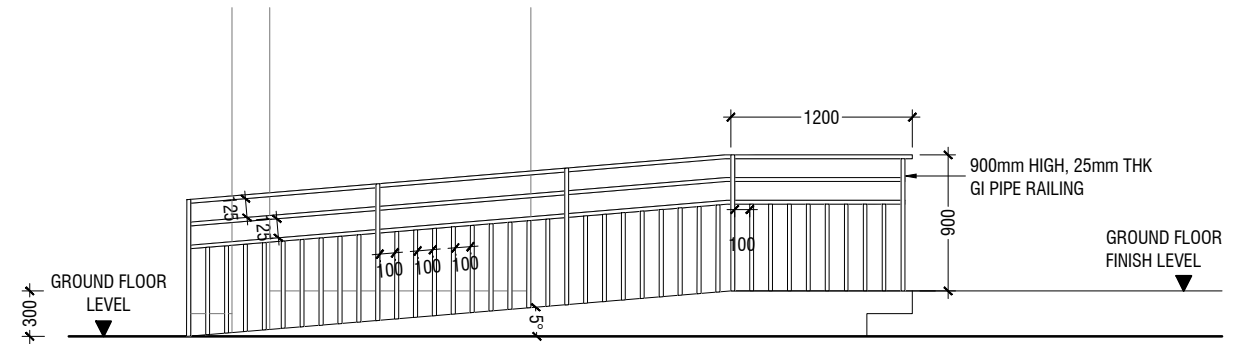
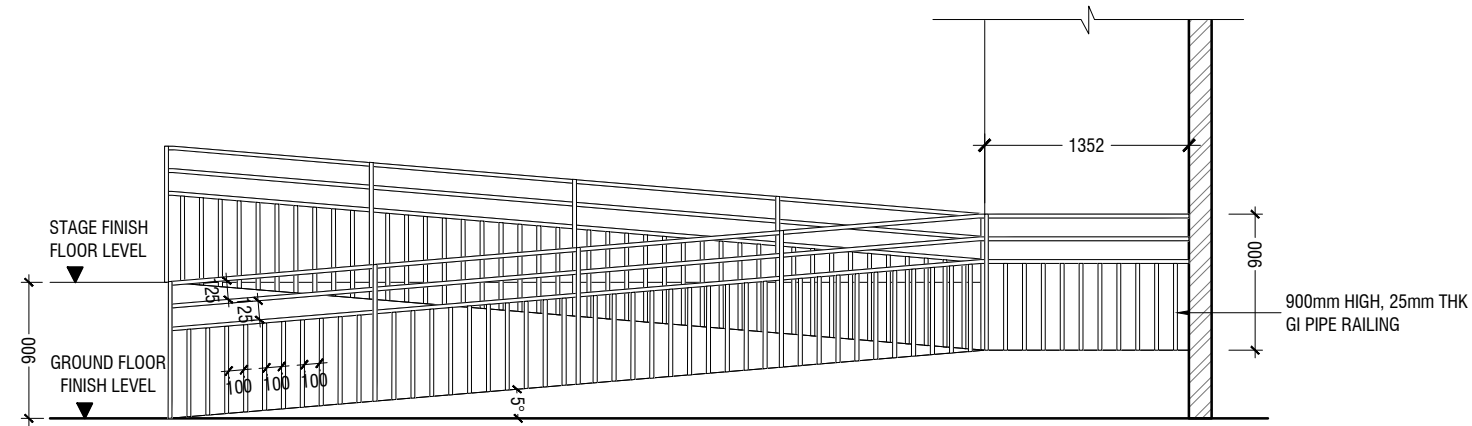
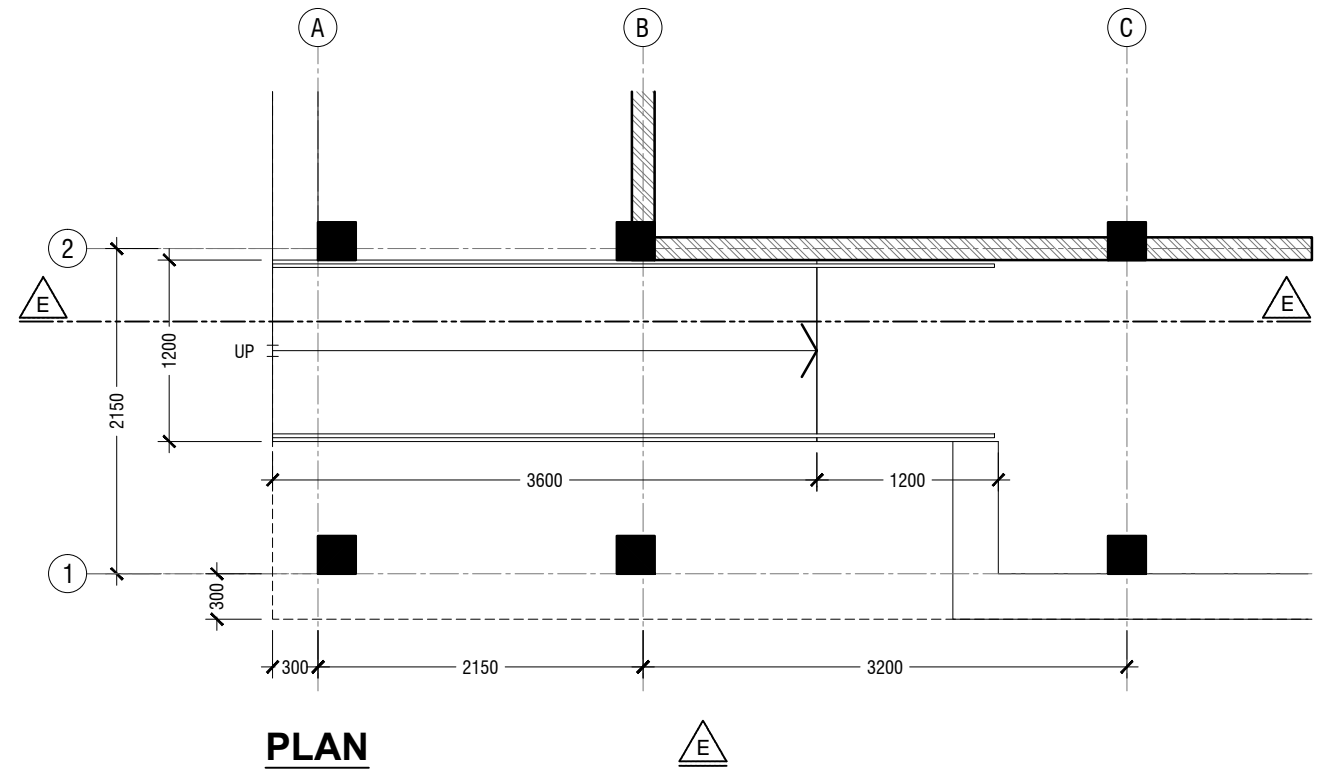
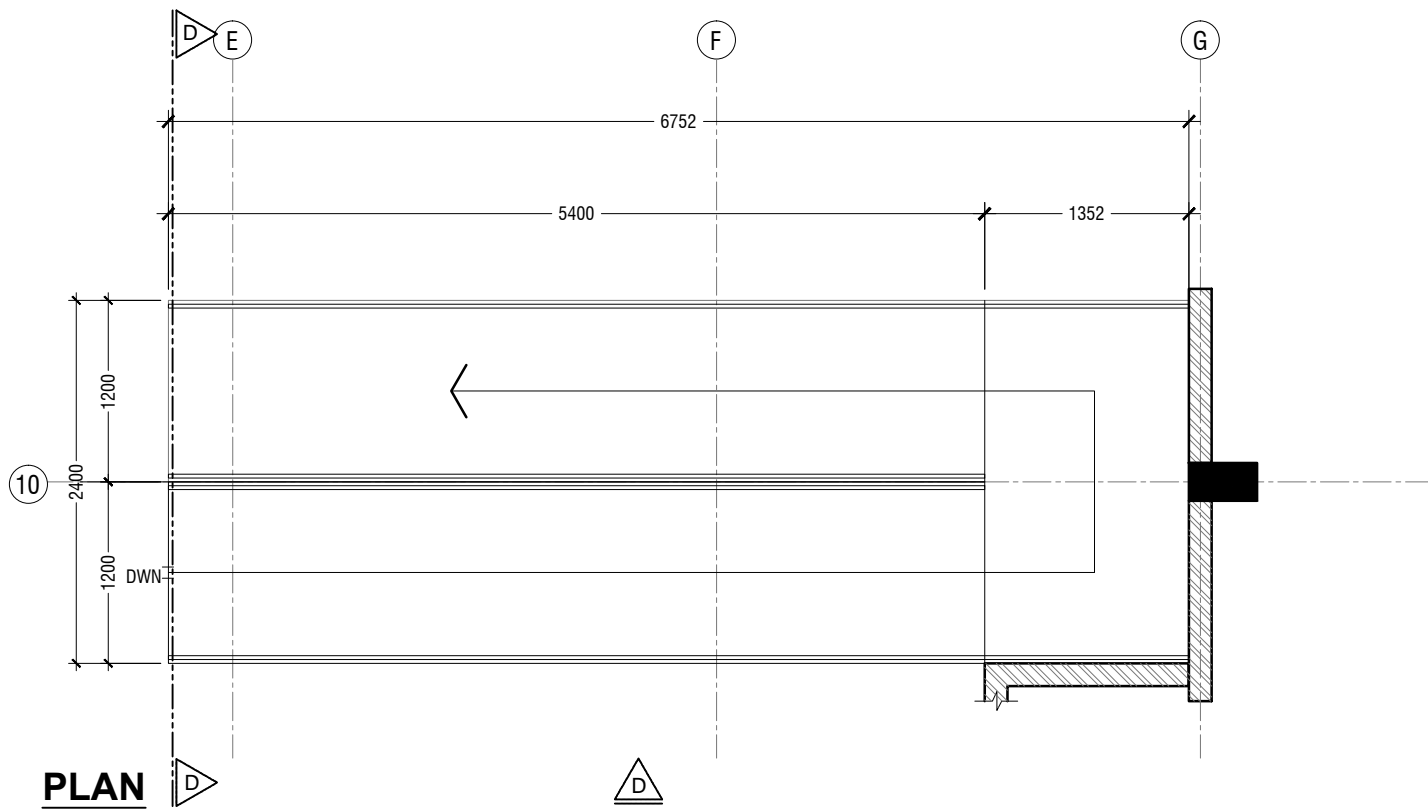
Project Number: RI/2017/012	Rev no	Date
Date: April 2019	--	-----
Architect: Razana Amir	--	-----
Engineer: Ahmed Zuhair Zaeem	--	-----
Drawn by: Razana Amir	--	-----
Services: Aishath Ahmed	--	-----
Interior: --	--	-----



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

Title: Main Staircase Detail



AA.Thoddoo School Hall  
 Client: Ministry of Education

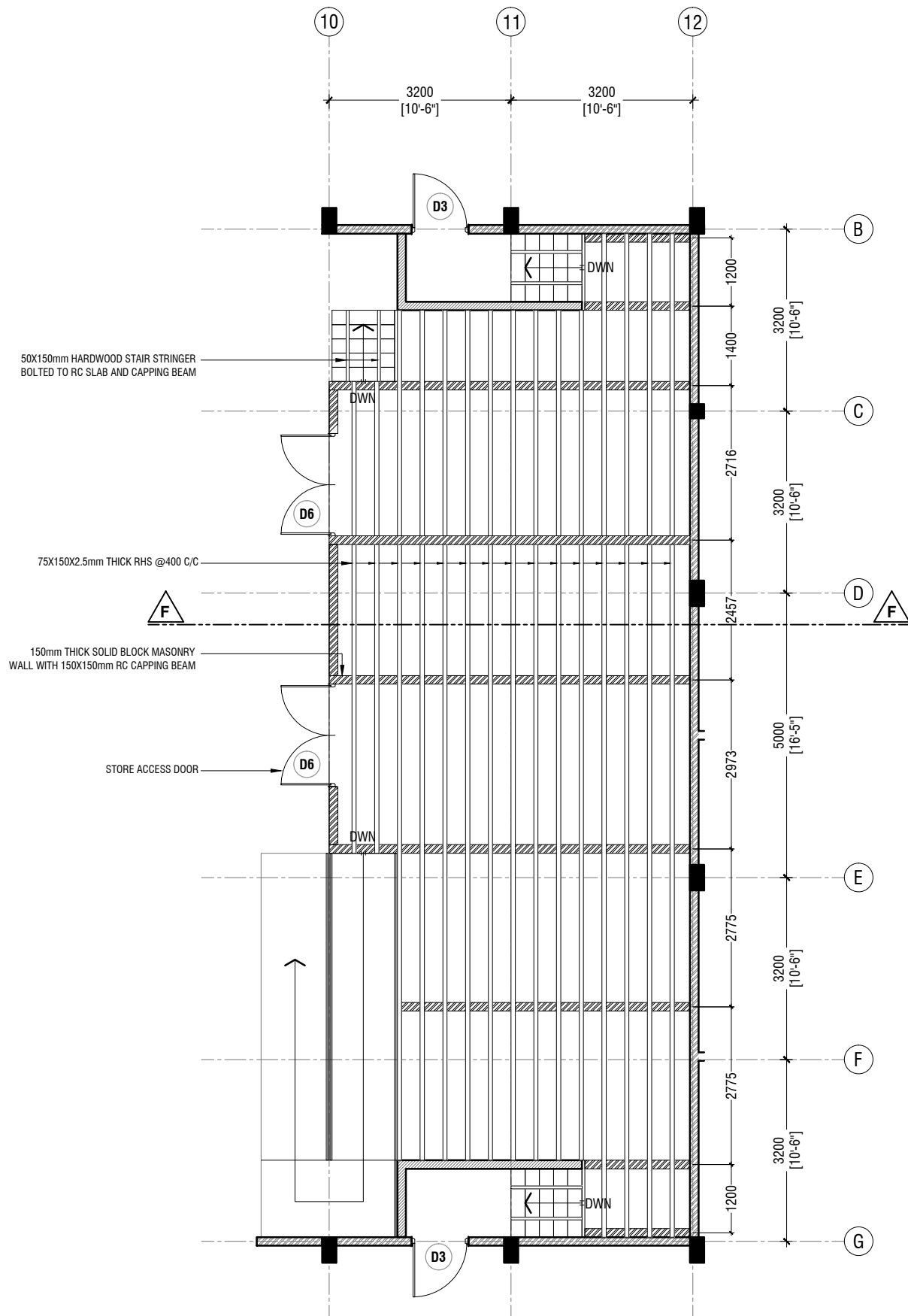
Rev no	Date
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2	2017/01/2
3	2017/01/2
4	2017/01/2
5	2017/01/2
6	2017/01/2
7	2017/01/2
8	2017/01/2
9	2017/01/2
10	2017/01/2

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

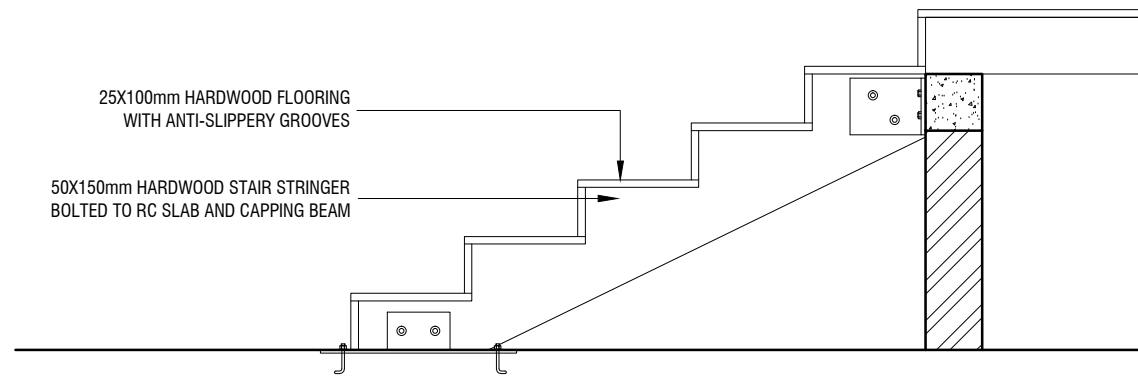
Title: Stage Ramp Detail

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**STAGE FRAMING PLAN**  
SCALE 1:100

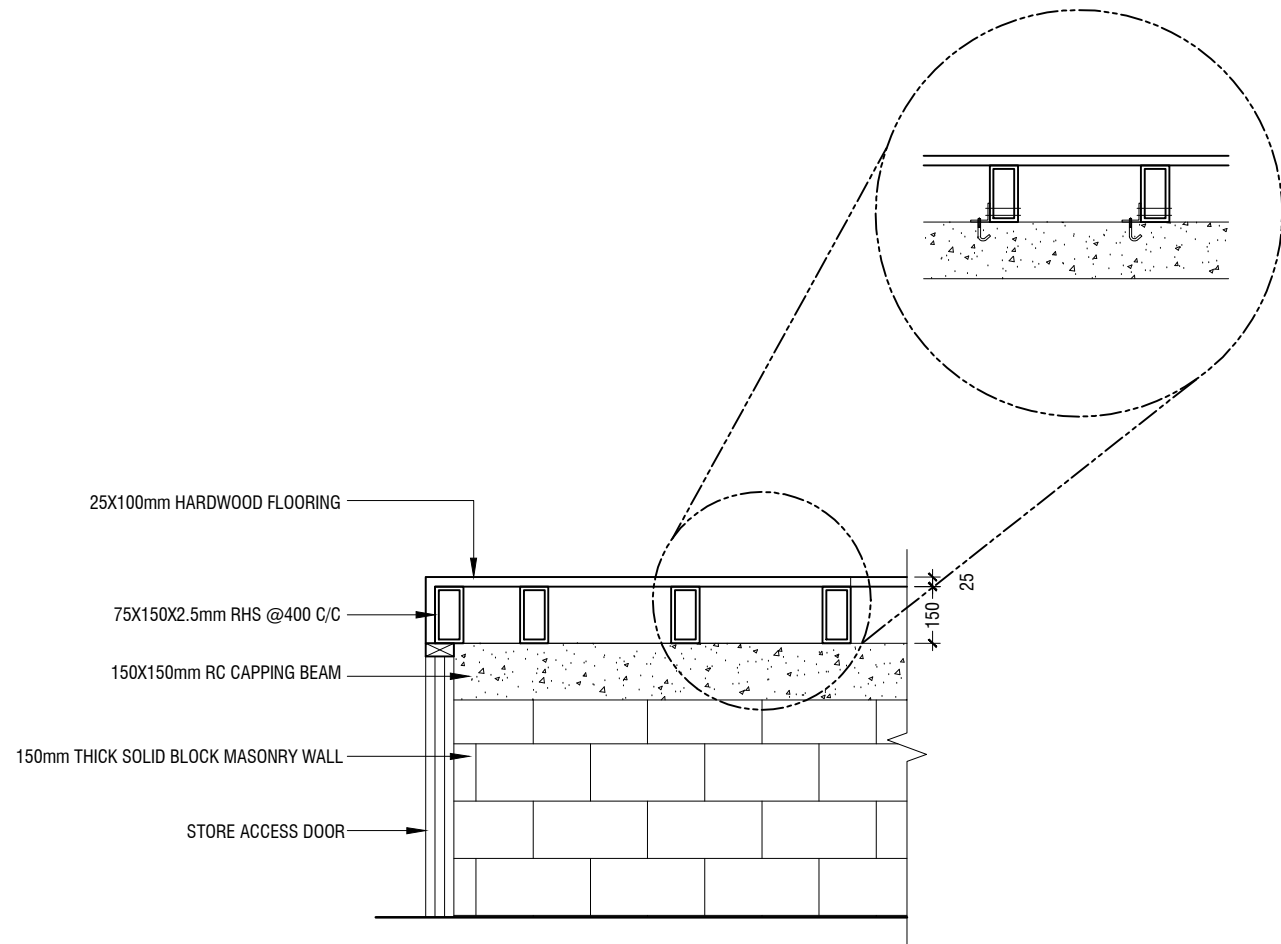
0 0.5 1 2 3 4 5



**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

AA.Thoddoo School Hall  
Client: Ministry of Education

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



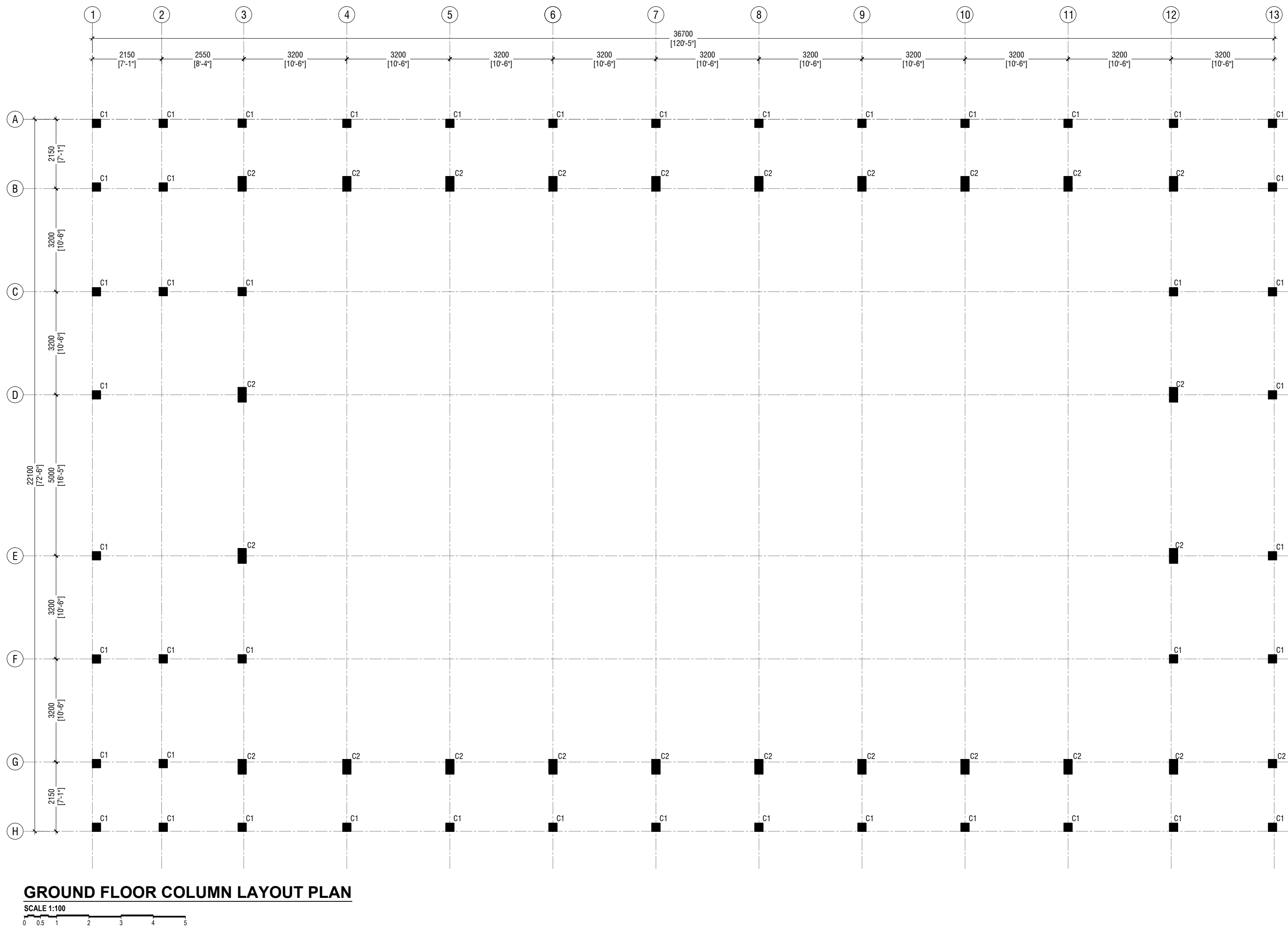
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3rd floor, H. Azum, Ameeesemagau, Male'

Title: Stage Framing Plan & Details  
& Details

Page: A-19/19

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GROUND FLOOR COLUMN LAYOUT PLAN

SCALE 1:100

AA Thoddoo School Hall  
Client: Ministry of Education

Rev no	Date
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2	2019
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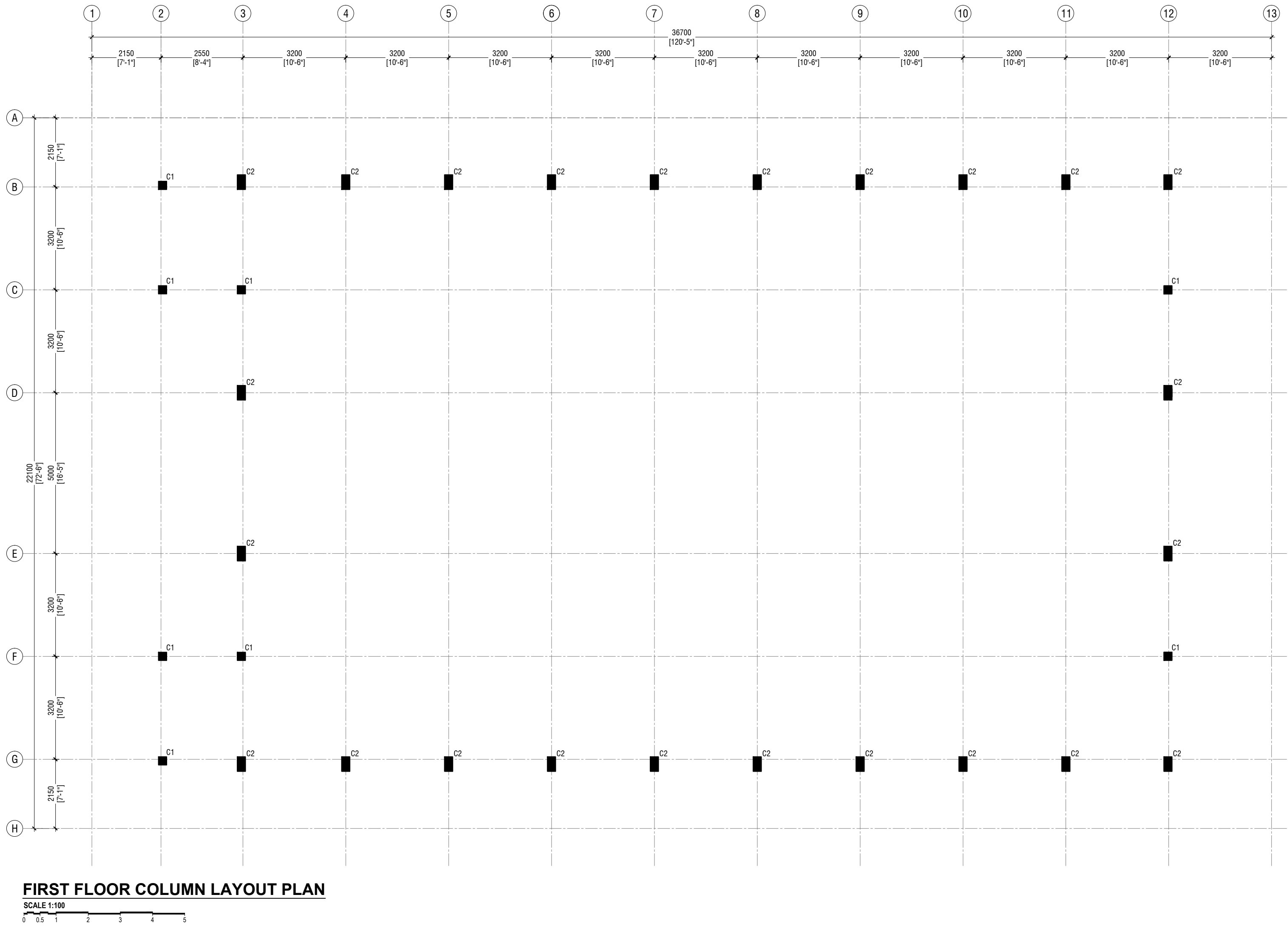


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3rd floor, H. Azum, Amaramedhigala, Male

Title: Ground Floor Column  
Layout Plan

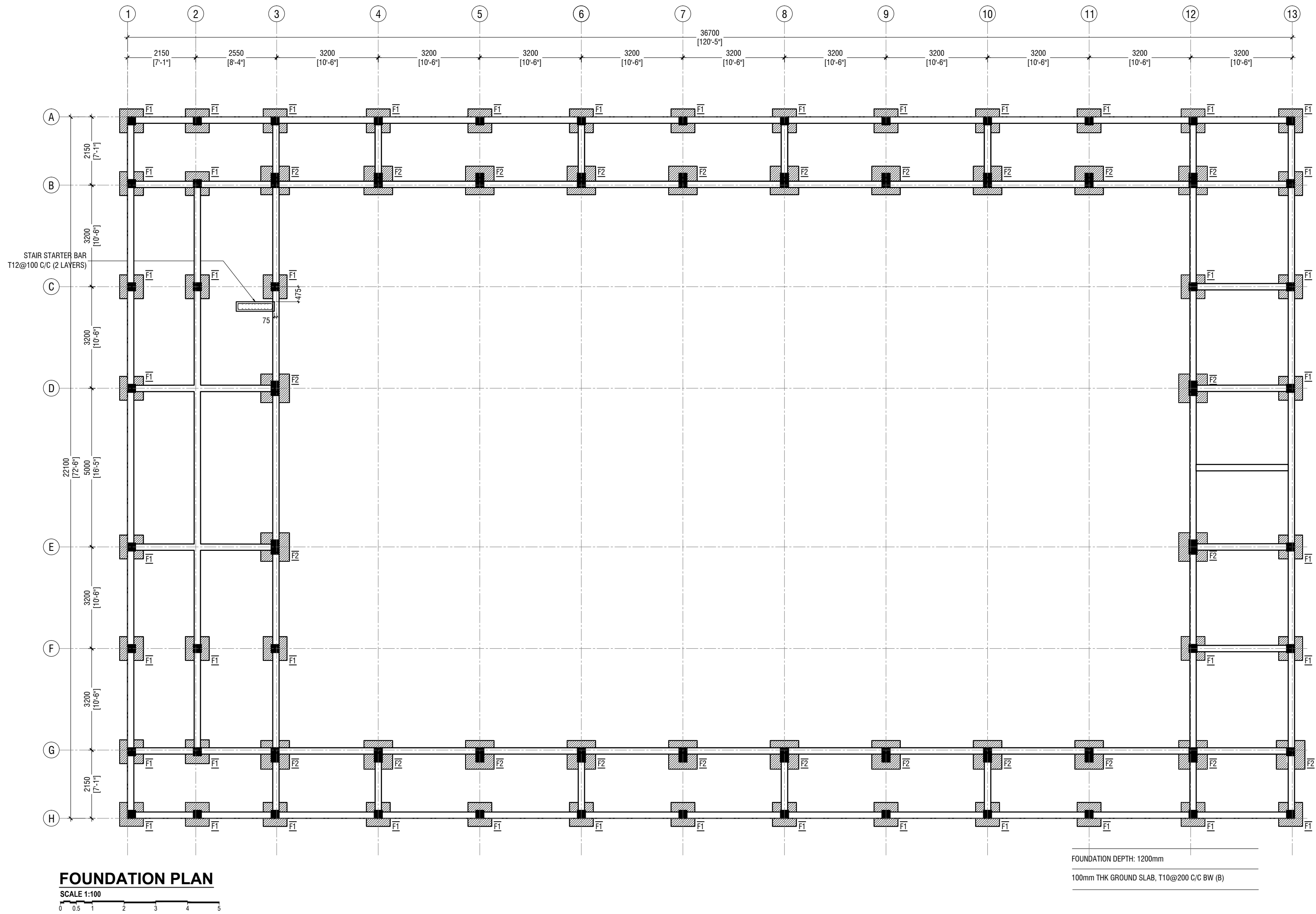
Page: S-01/11

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AA Thoddoo School Hall  
Client: Ministry of Education

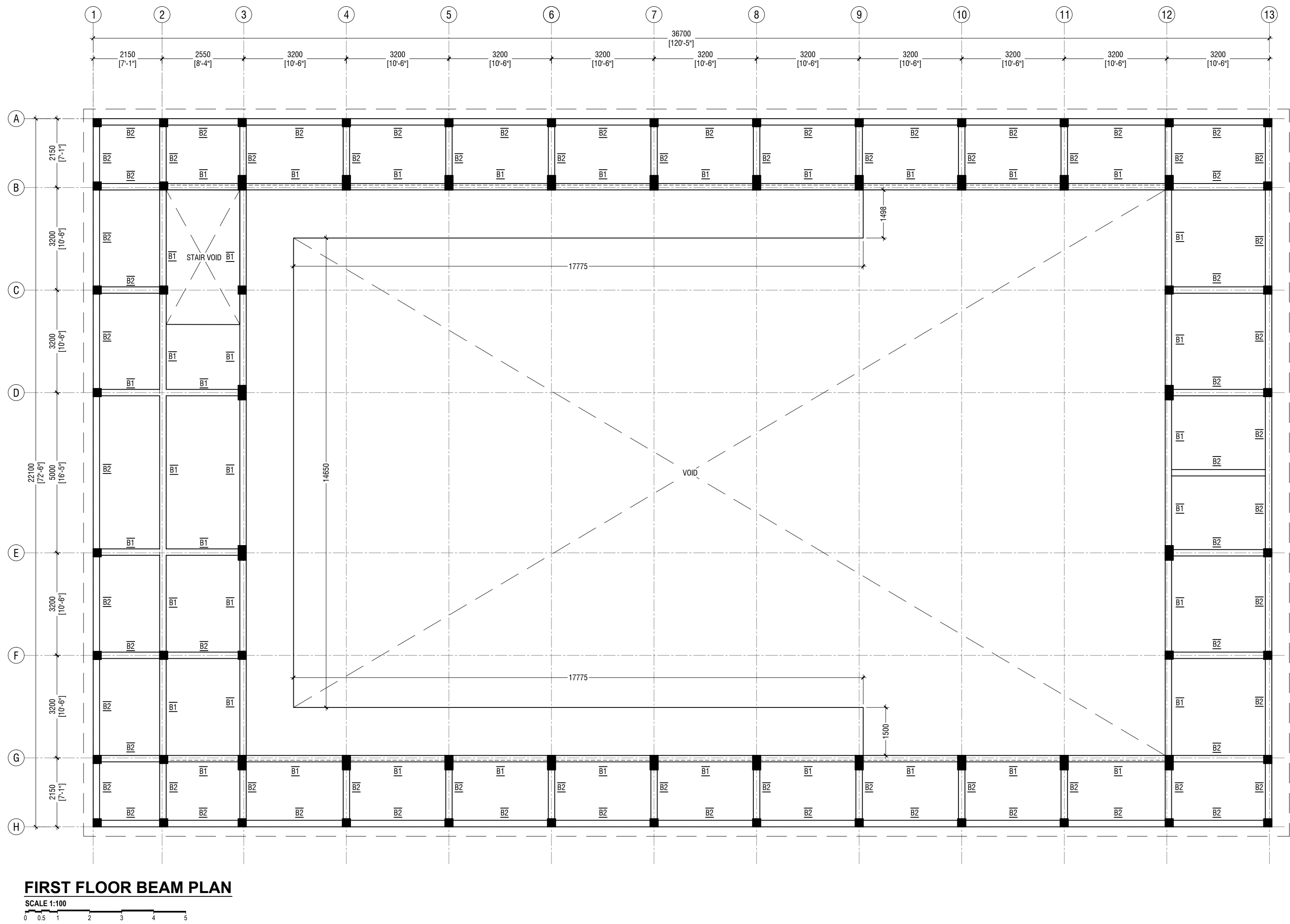
Rev no	Date
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AA Thoddoo School Hall  
Client: Ministry of Education

Rev no	Date
1	2019
2	2019
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5	2019
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9	2019
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11	2019
12	2019
13	2019





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3rd Floor, H. Azumi, Aareememaguu, Male

Title: 1st Floor Beam Plan

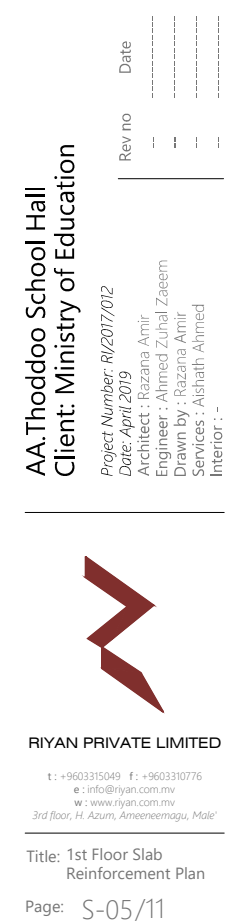
Page: S-04/11

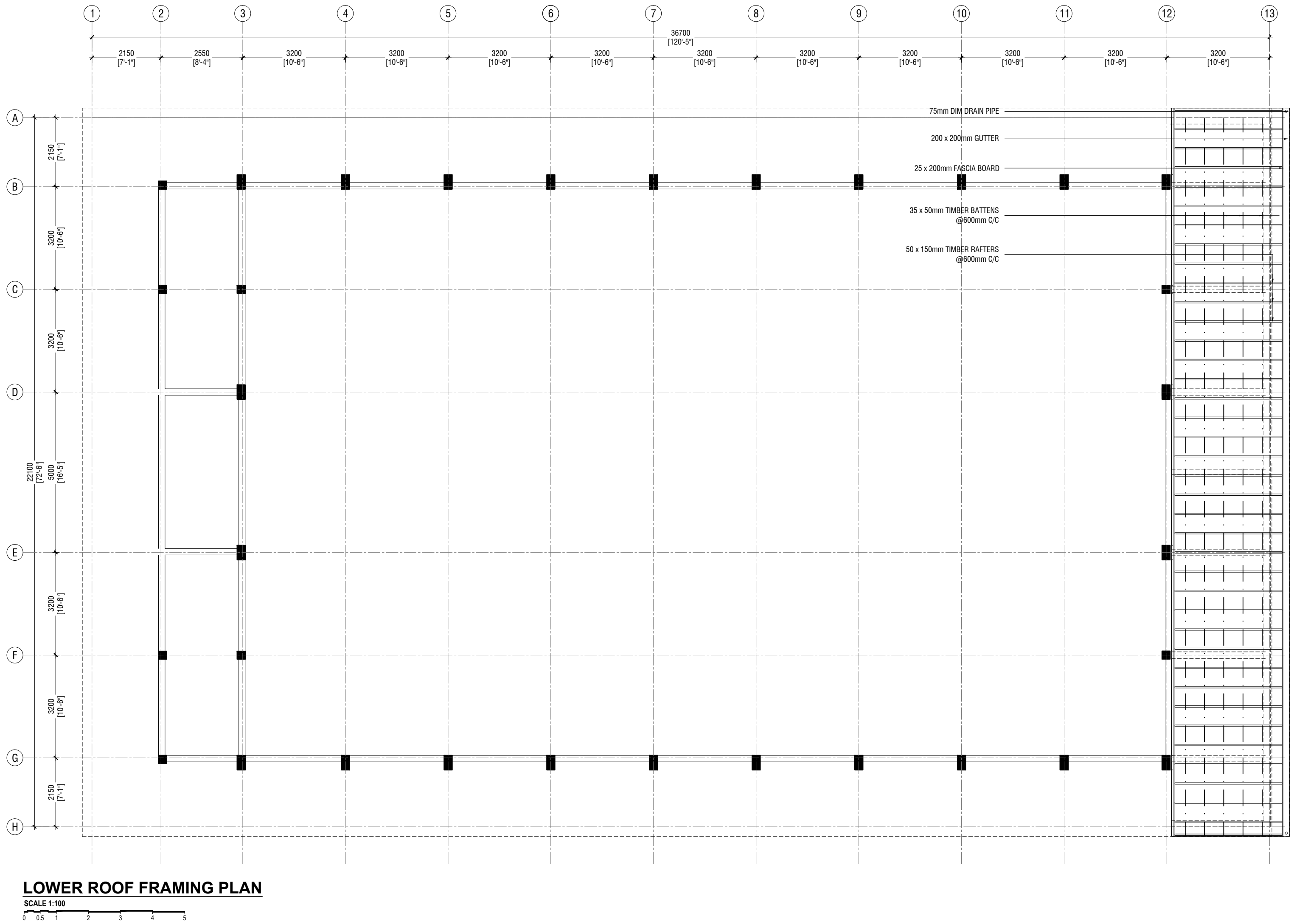
AA Thoddoo School Hall  
Client: Ministry of Education

Project Number: R/2017/02  
Date: April 2019  
Drawn by: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Services: Ashraf Ahmed  
Inspector

Rev no	Date
1	11/04/2019
2	11/04/2019
3	11/04/2019
4	11/04/2019
5	11/04/2019

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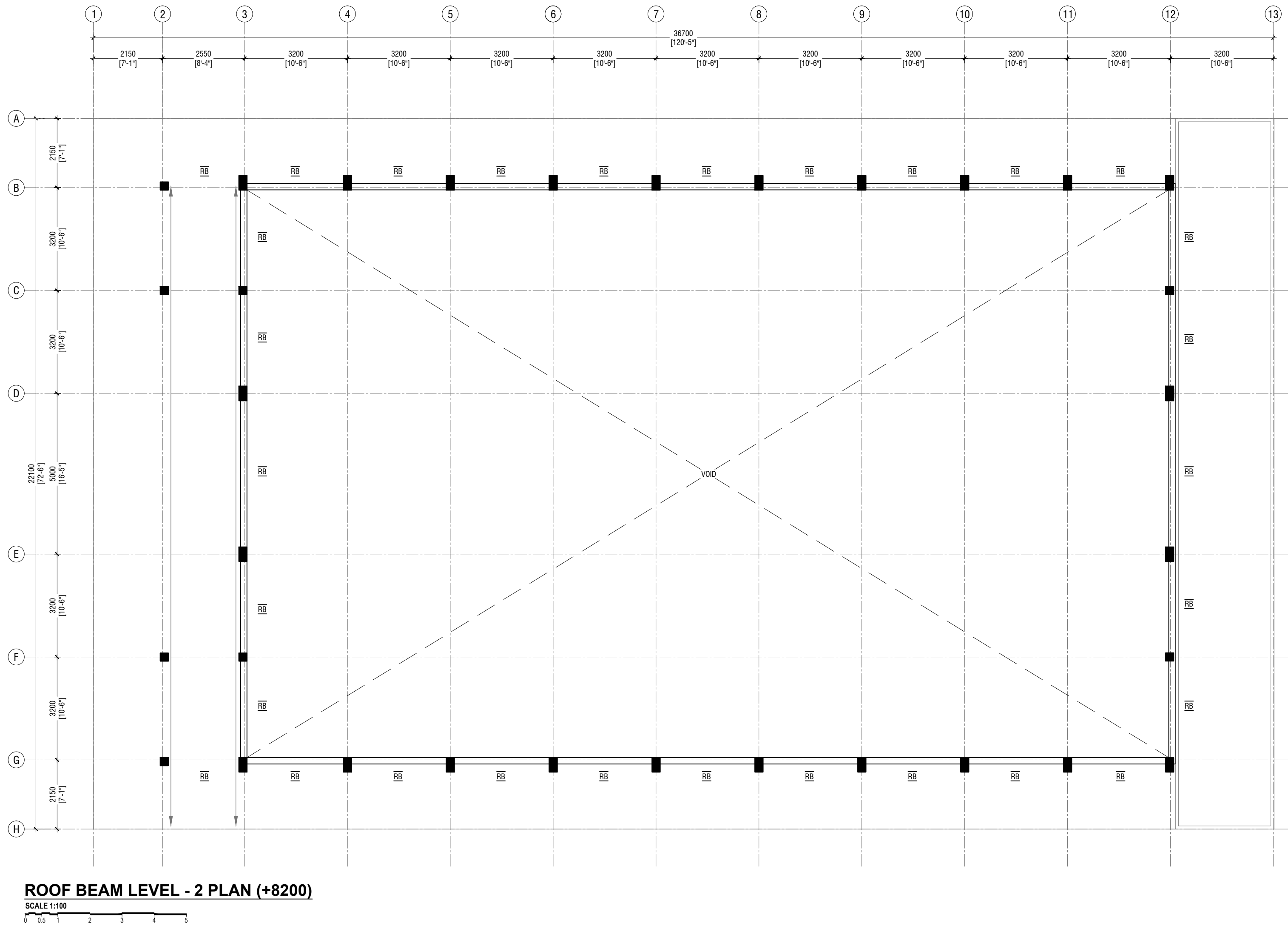


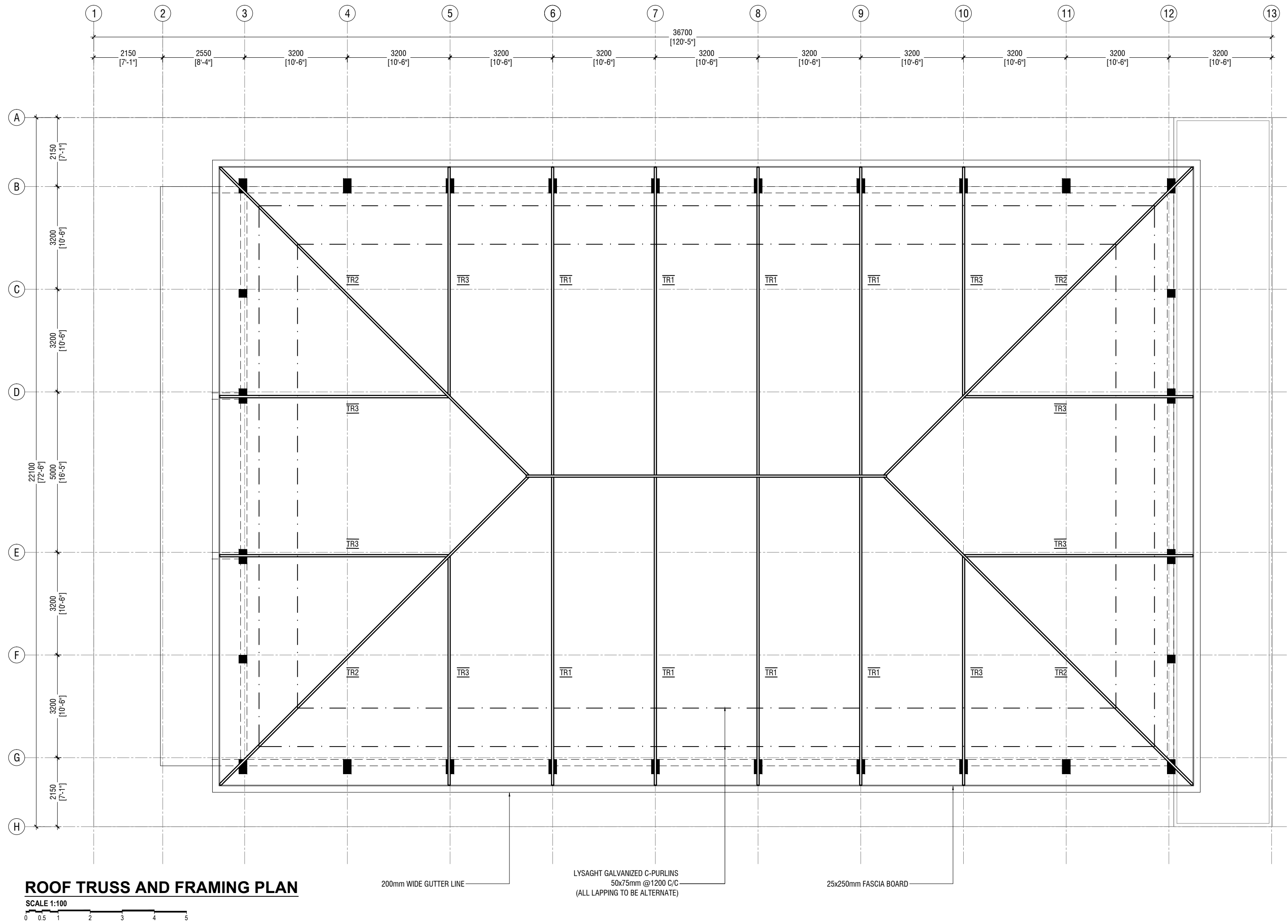


AA Thoddoo School Hall  
Client: Ministry of Education

Rev no	Date
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AA.Thoddoo School Hall  
Client: Ministry of Education

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



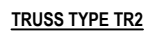
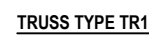
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3rd Floor, H. Azumi, Aareememaggu, Male'

Title: Roof Truss and Framing Plan

Page: S-09/11

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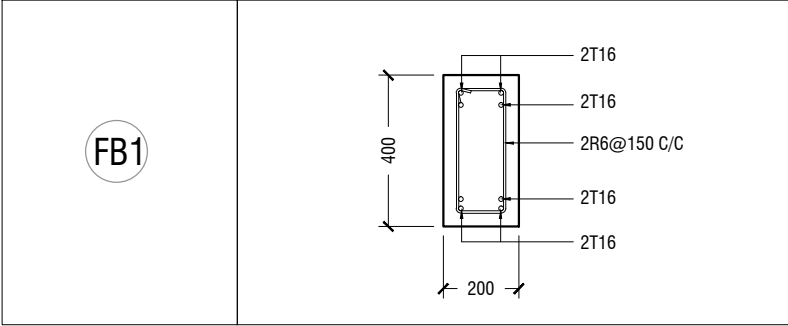
	DIMENSION	REINFORCEMENT
F1	750 x 750 x 250	T10@150 C/C B/W (B)
F2	900 x 900 x 300	T10@100 C/C B/W (B)

FOUNDATION DEPTH = 1200mm

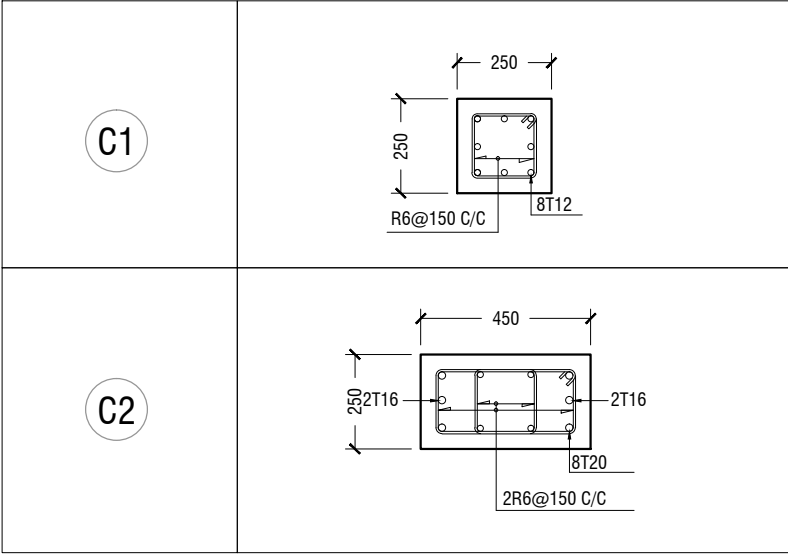
NOTE:-  
COVER TO FOUNDATION = 50mm  
COVER TO COLUMNS = 35-40mm  
COVER TO BEAMS = 35mm  
LAPS = Ø OF BAR x 45  
BEAMS @END SUPPORT = Ø OF BAR x 12

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

FOUNDATION PADS

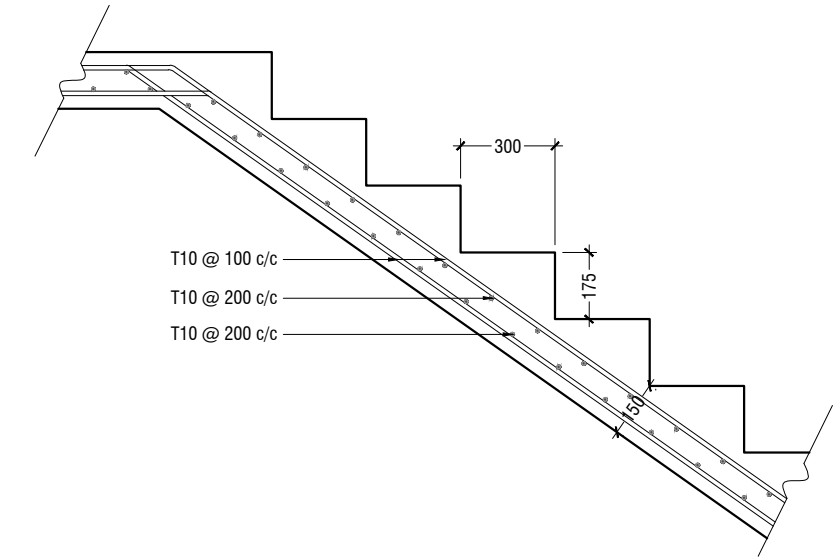
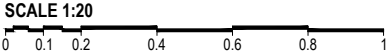


FOUNDATION DETAILS

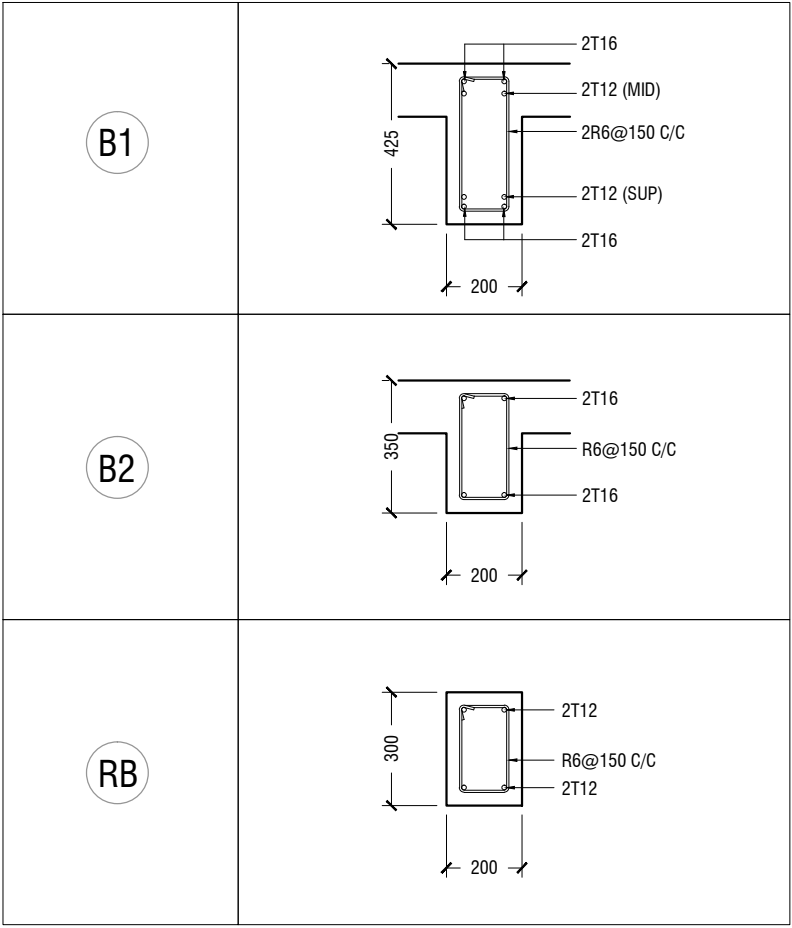


COLUMN DETAIL

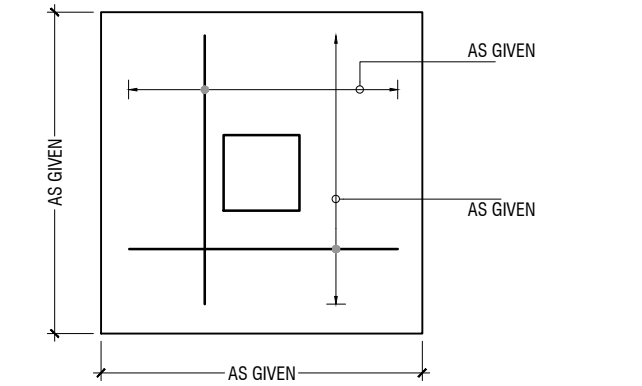
STRUCTURAL DETAILS



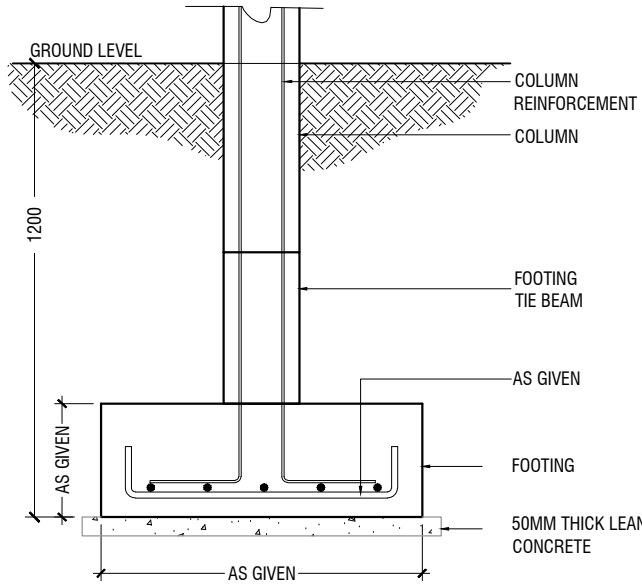
MAIN STAIRCASE REINFORCEMENT DETAIL



BEAM DETAIL



PLAN



SECTION

FOOTING DETAILS

AA.Thoddoo School Hall  
Client: Ministry of Education

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



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

Title: Structural Details

Page: S-11/11

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