

Proposed Multipurpose Hall Building at  
V.Keyodhoo School  
Client: Ministry of Education

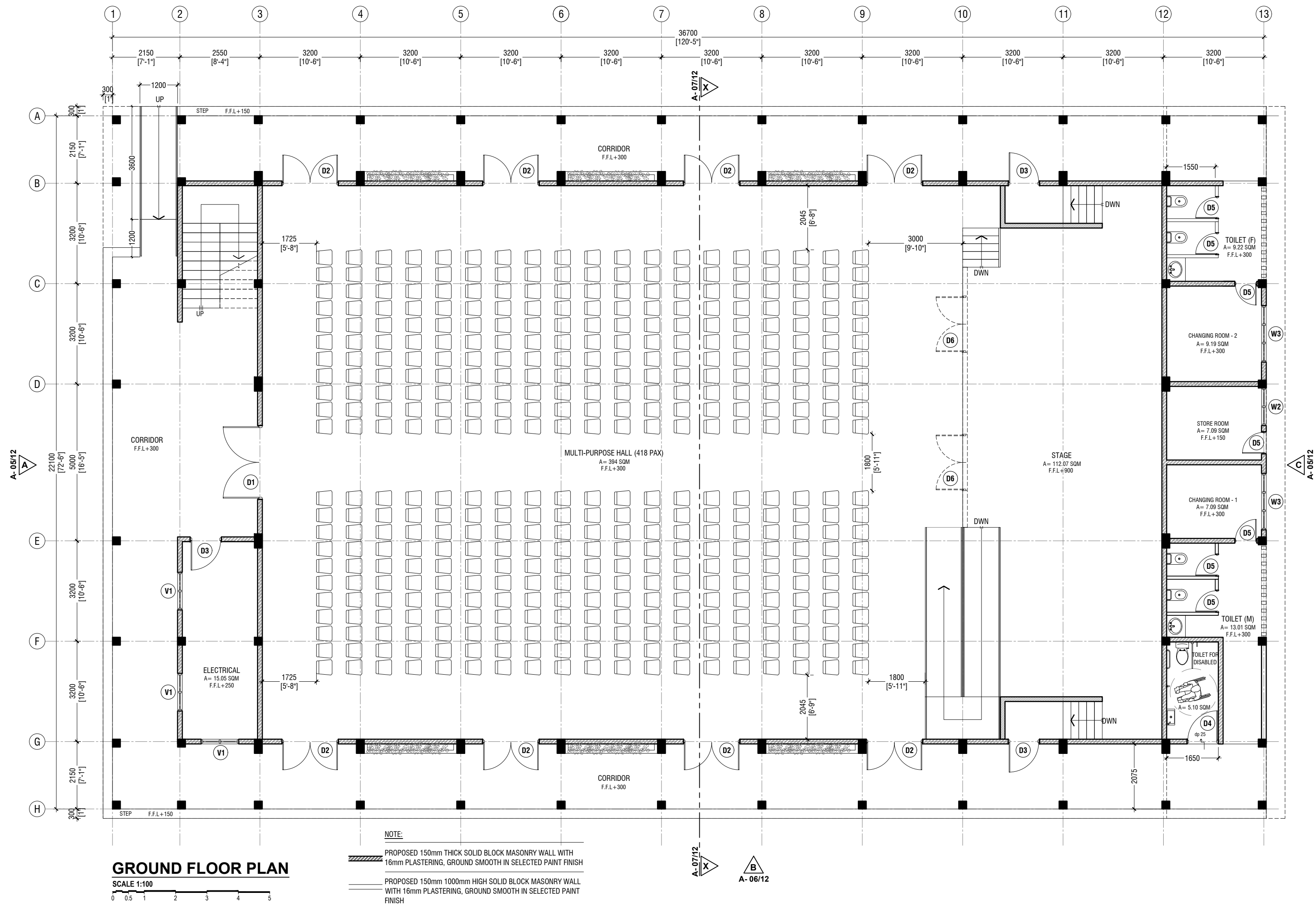


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e: info@riyan.com.mv  
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3rd floor, H. Azum, Ammeenemagu, Male'

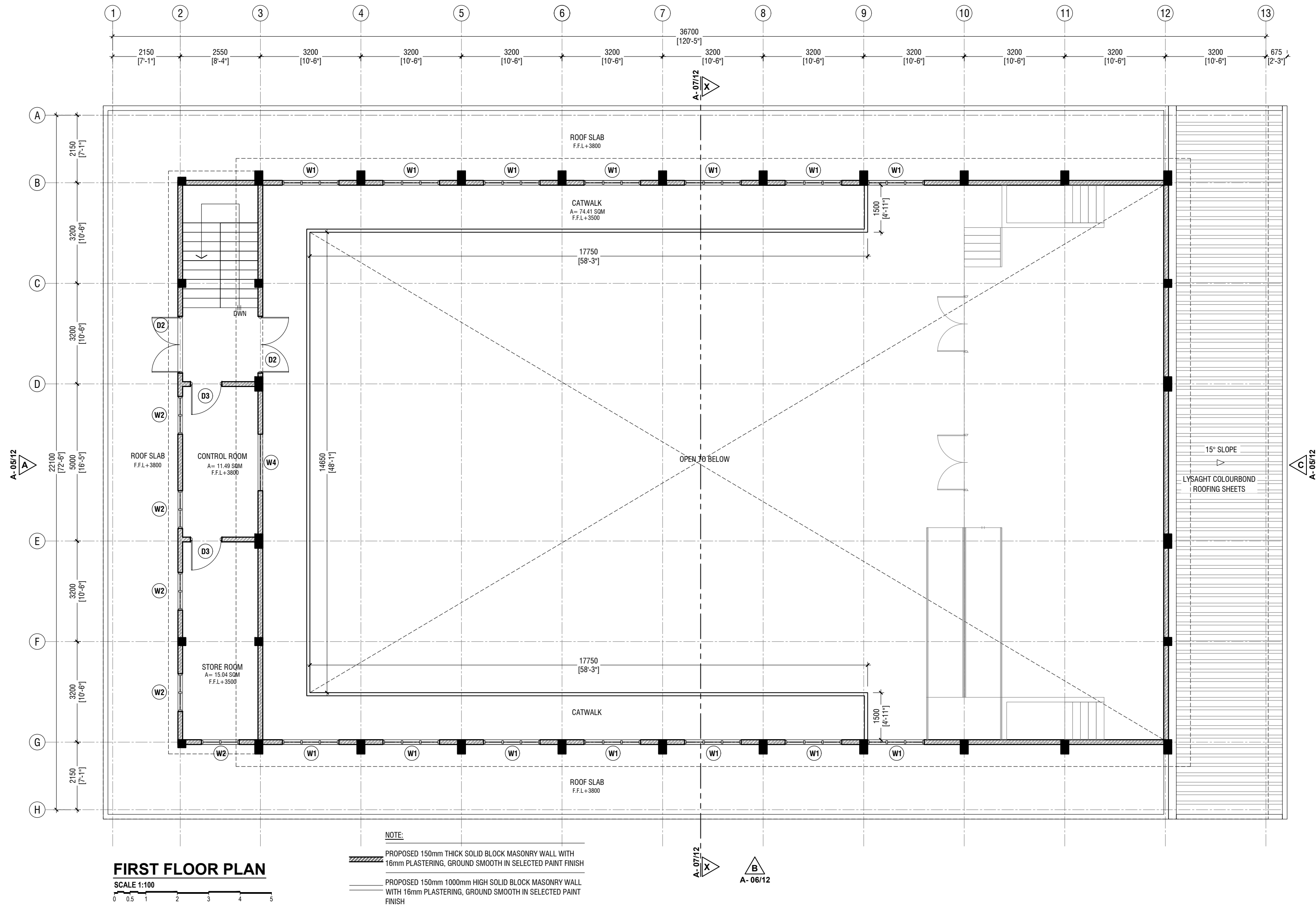
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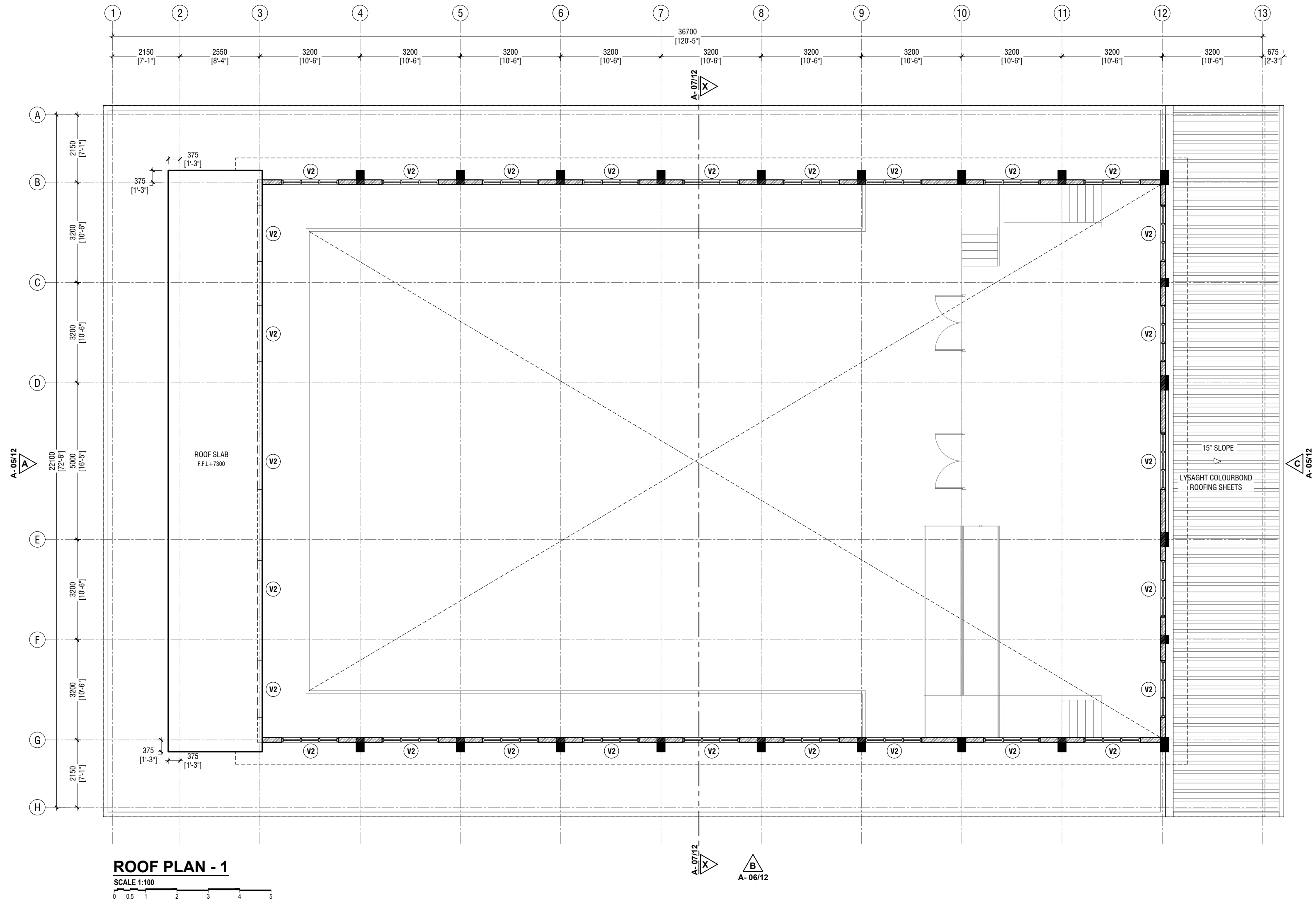
V Keyedhoo School Hall  
Client: Ministry of Education

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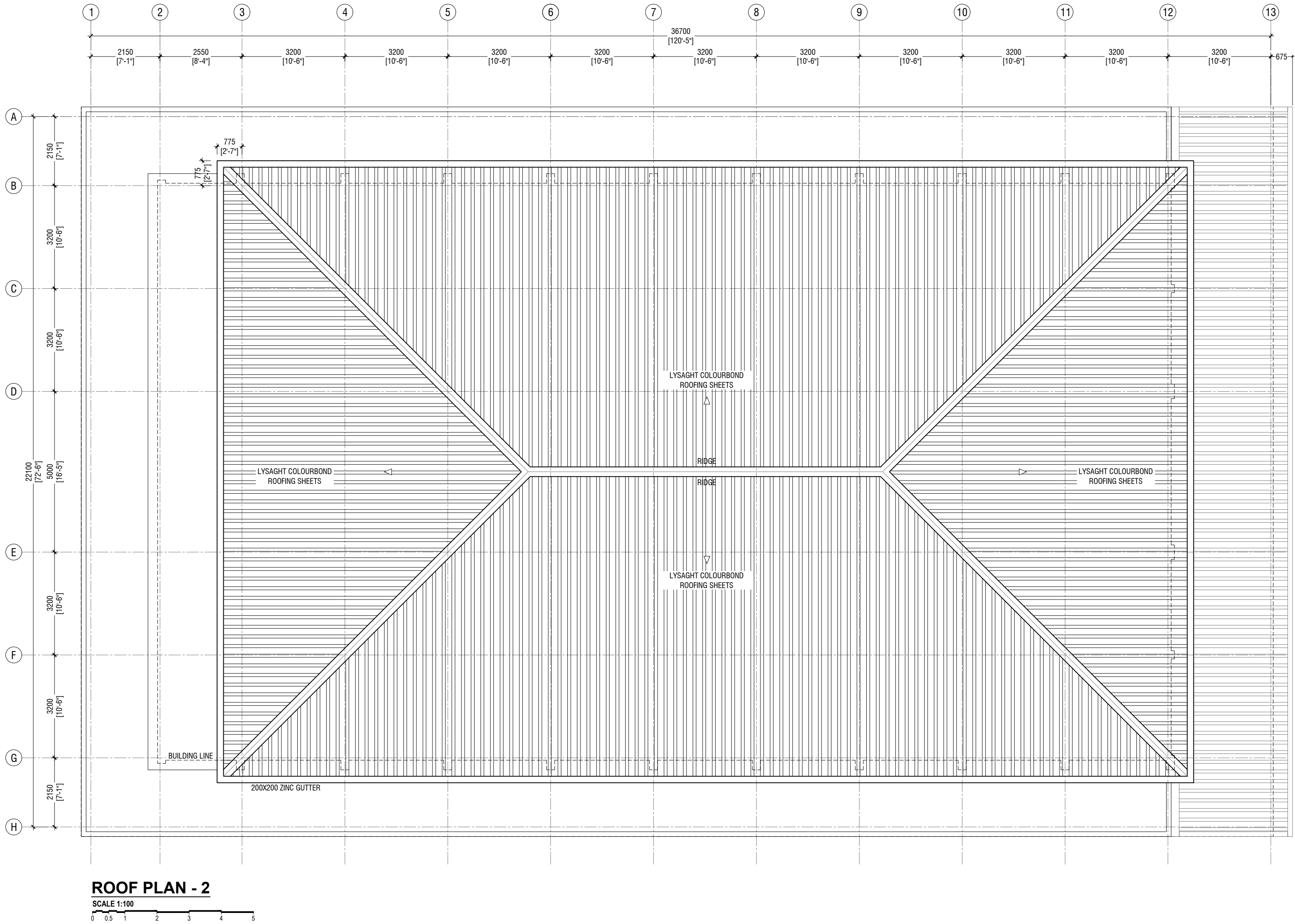
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Client: Ministry of Education

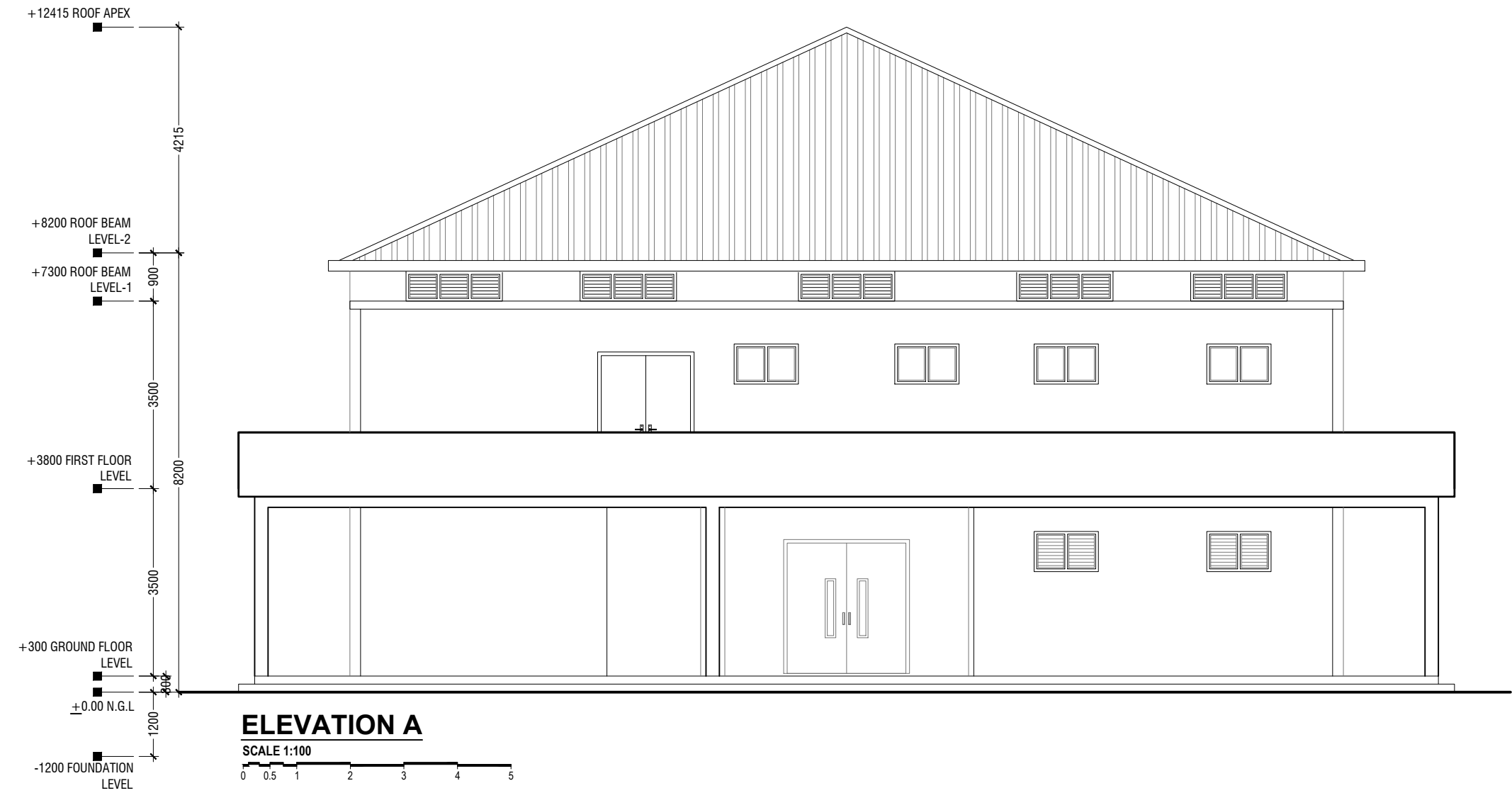
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V-Keyodhoo School Hall  
Client: Ministry of Education

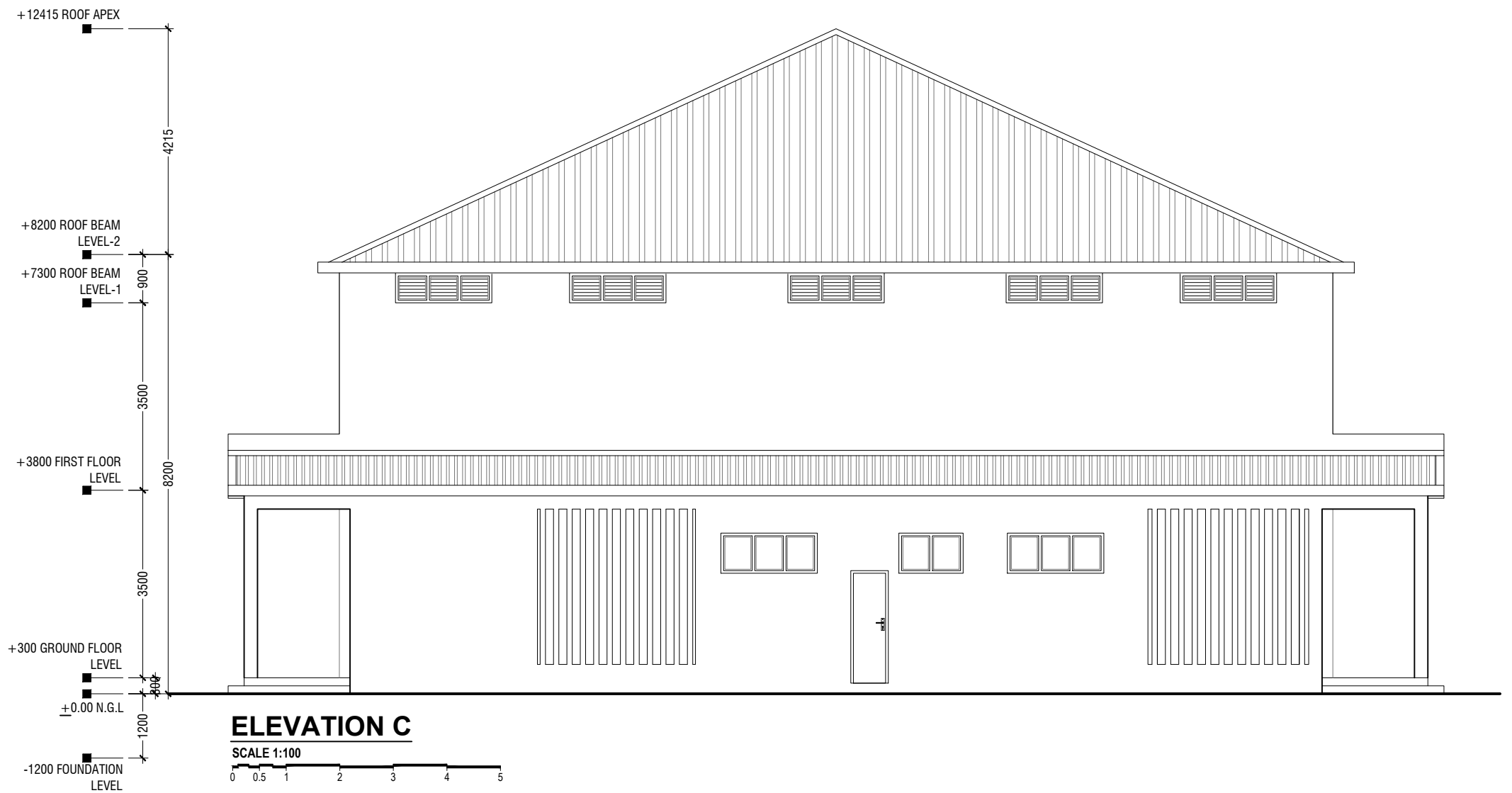
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**ELEVATION A**

SCALE 1:100



**ELEVATION C**

SCALE 1:100

V-Keyodhoo School Hall  
Client: Ministry of Education

Project Number	Rev no	Date
RI/2017/02	--	-----
Drawn by : Razana Amir	--	-----
Engineer : Ahmed Z. J. Al-Zahrani	--	-----
Services : Architectural	--	-----
Interior :	--	-----



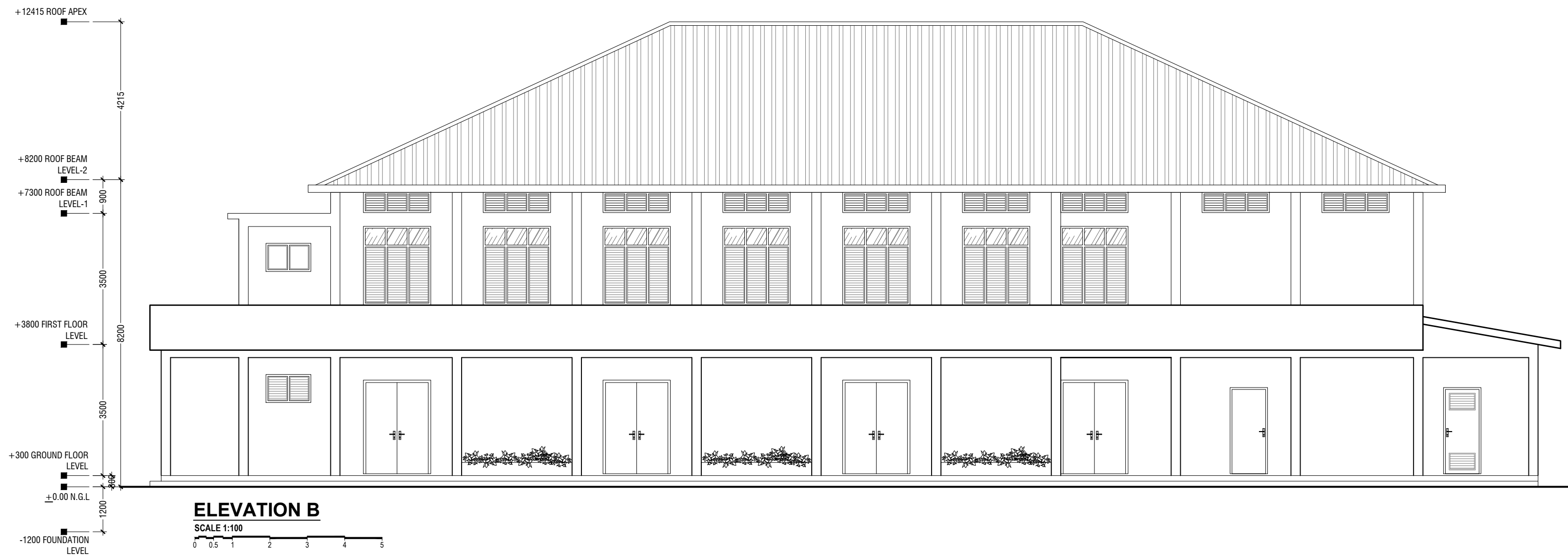
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Title: Elevation A & C

Page: A-05/19

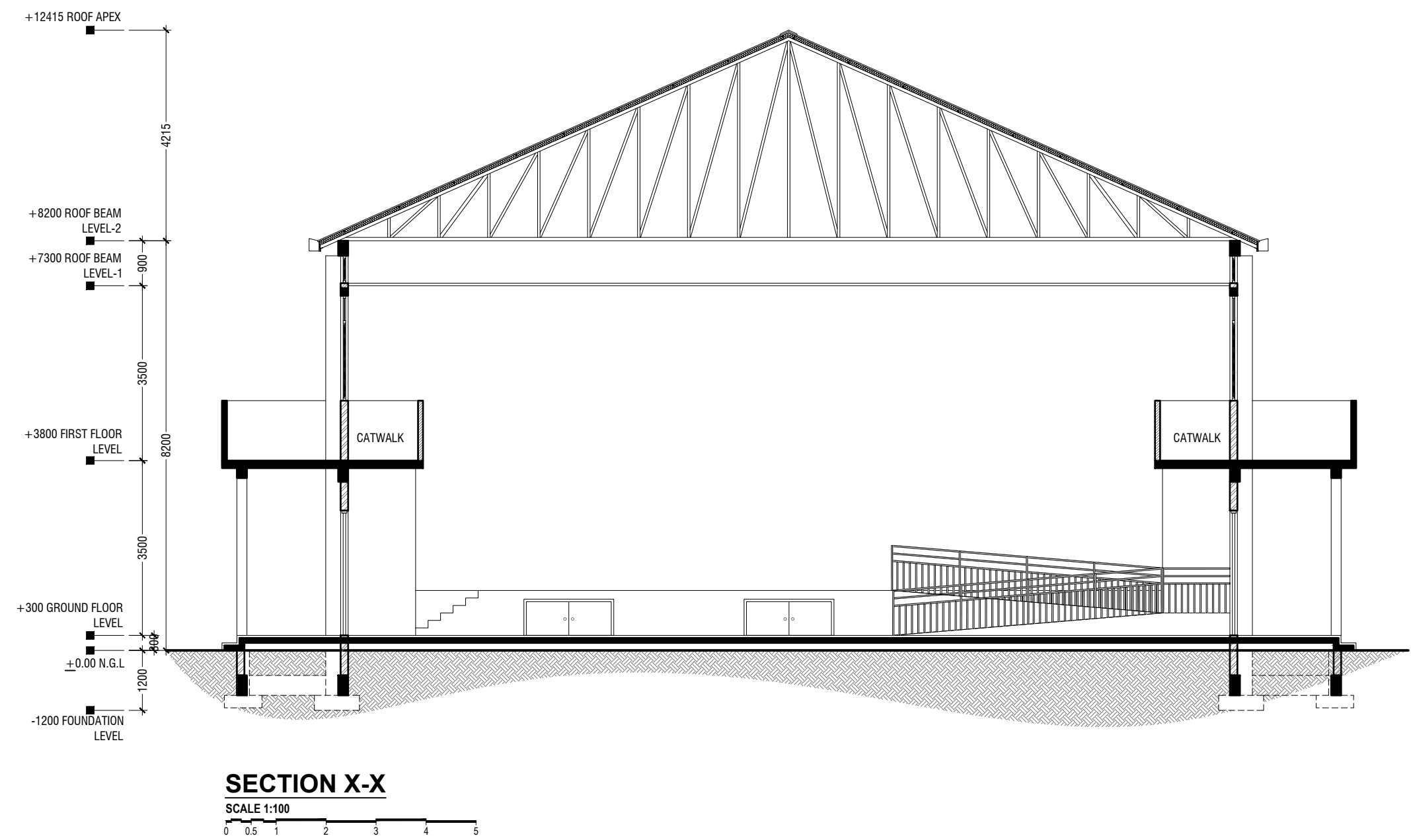
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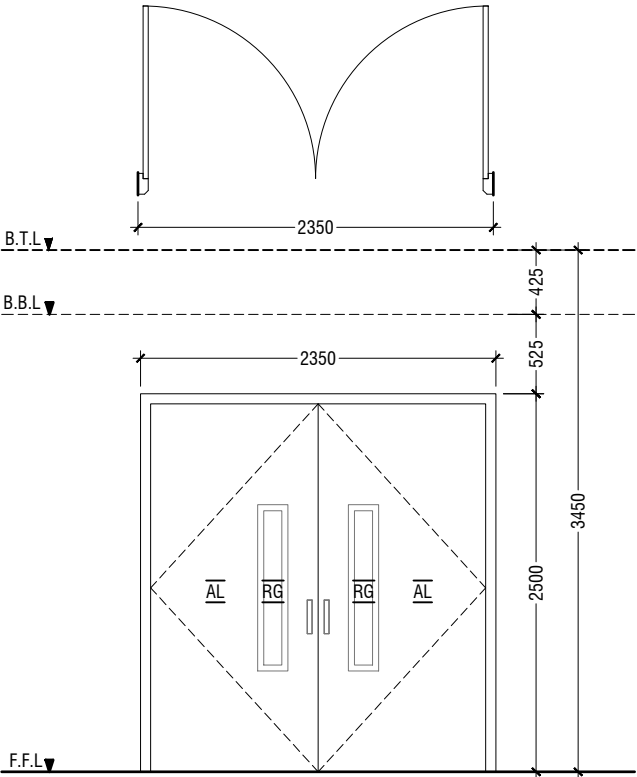


V Keyodhoo School Hall  
Client: Ministry of Education

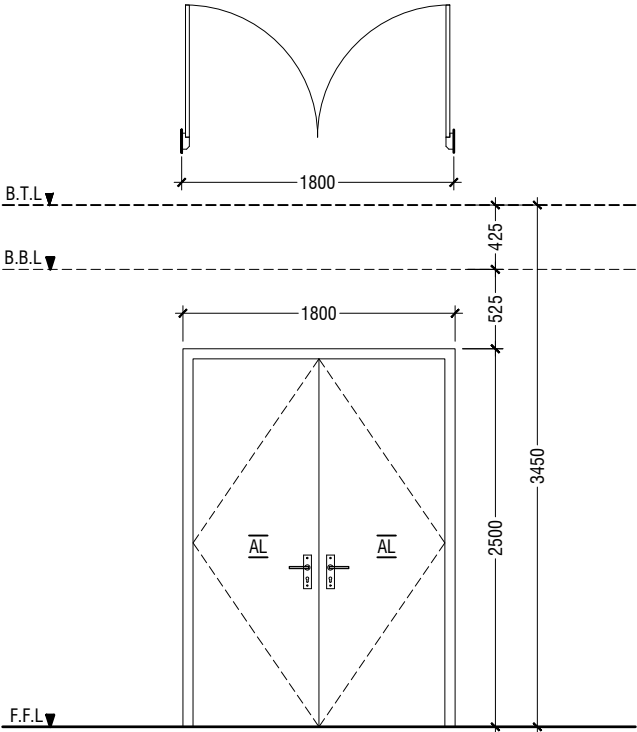
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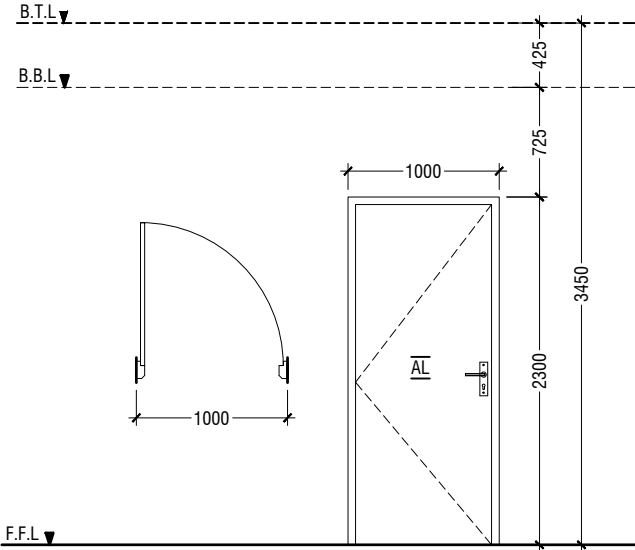




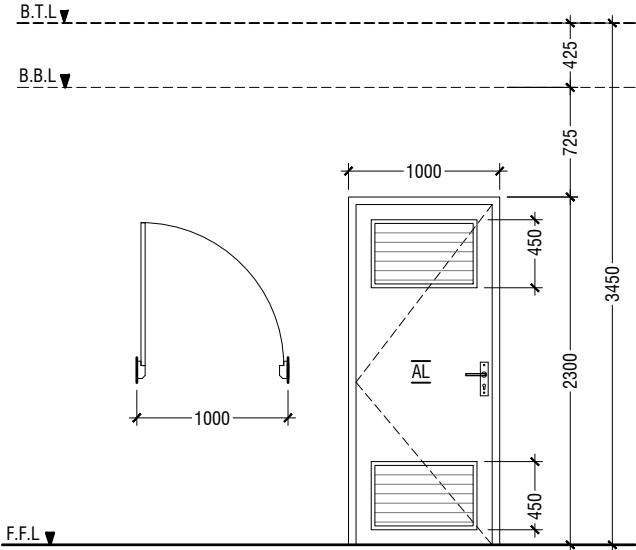
D1	DOUBLE SWING DOOR
REMARKS	FRAME & PANEL : 50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL GLASS ON PANEL : 6mm THK REFLECTIVE GLASS
LOCATION	HALL MAIN ENTRANCE
QUANTITY	01 NOS
OPEN AREA	5.39 sqm



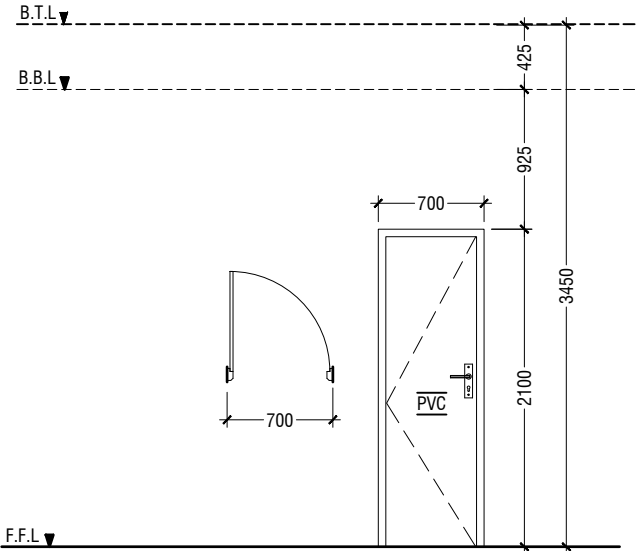
D2	DOUBLE SWING DOOR
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND LOUVERS
LOCATION	HALL ENTRANCE
QUANTITY	10 NOS
OPEN AREA	4.05 sqm



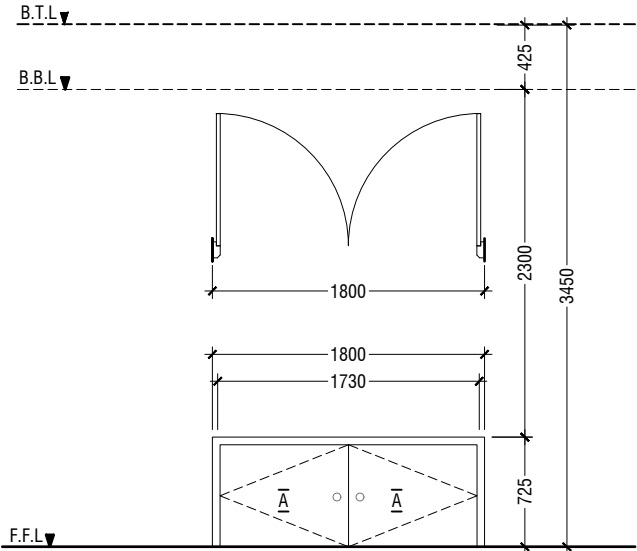
D3	SWING DOOR
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	STAGE, CONTROL ROOM & STORE ROOM
QUANTITY	05 NOS
OPEN AREA	2.03 sqm



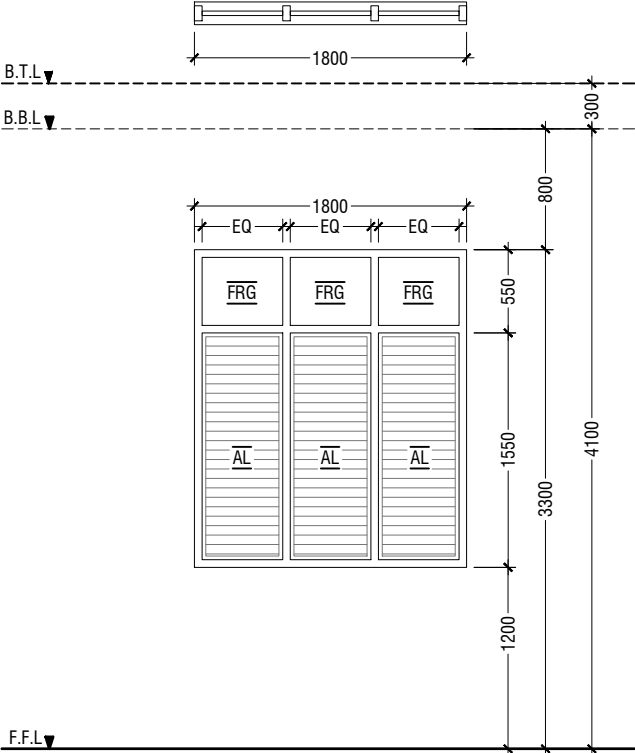
D4	SWING DOOR WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND LOUVERS
LOCATION	DISABLED TOILET
QUANTITY	01 NOS
OPEN AREA	2.03 sqm



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

V.Keyodhoo School Hall  
Client: Ministry of Education

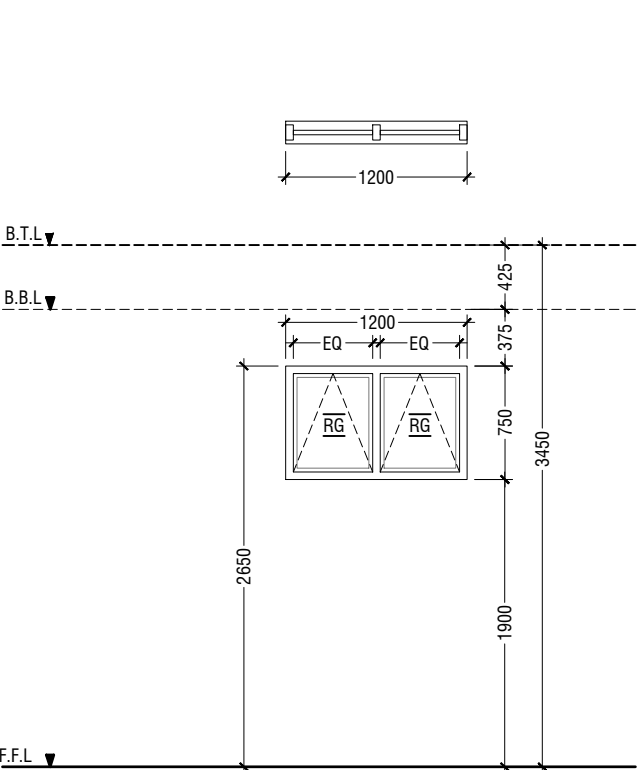
Project Number: RI/2017/012	Rev no	Date
Date: April 2019	--	-----
Architect : Razana Amir	--	-----
Engineer : Ahmed Zuhail Zaeem	--	-----
Drawn by : Razana Amir	--	-----
Services : Aishath Ahmed	--	-----
Interior : -	--	-----



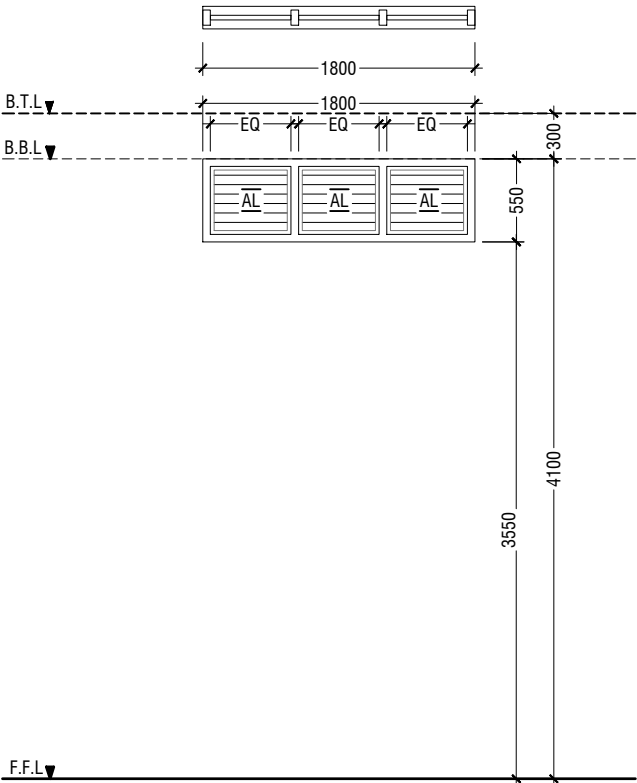
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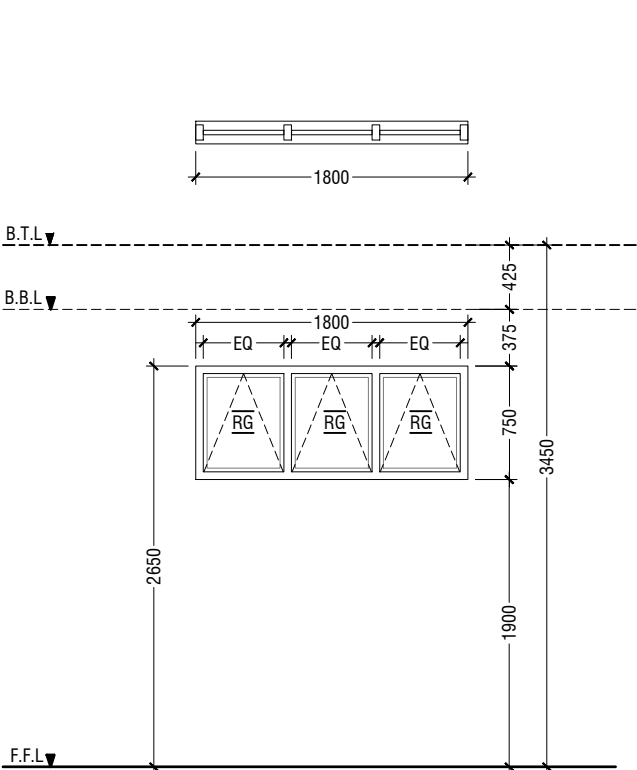
Title: Door / Window  
Schedule - 1  
Page: A-08/19



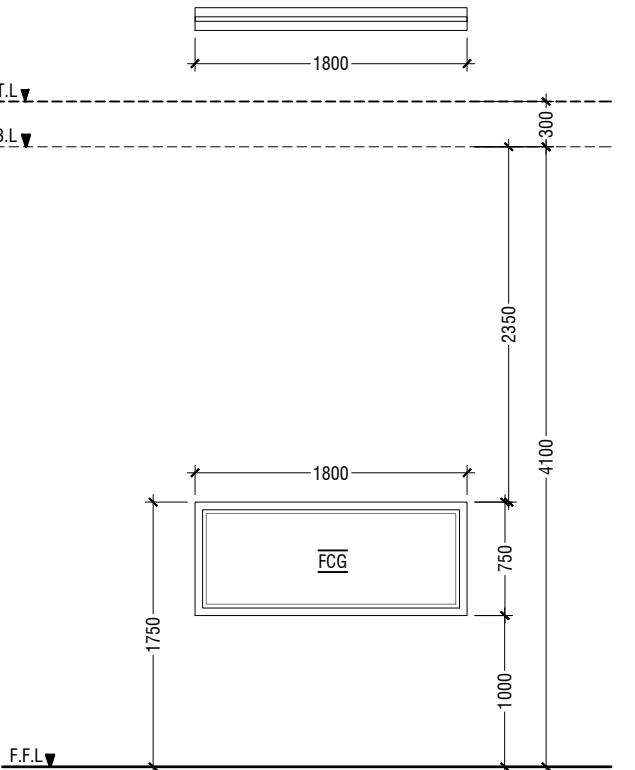
W2	TOP HUNG WINDOW
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH REFLECTIVE GLASS
LOCATION	STORE ROOM
QUANTITY	06 NOS
OPEN AREA	0.68 sqm



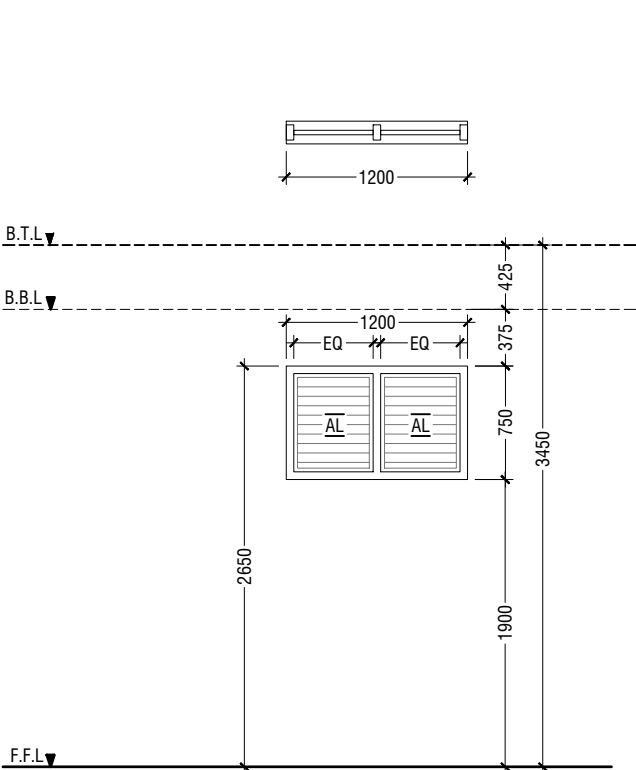
V2	WINDOW WITH FIXED GLASS & ALUMINUM LOUVERS
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS
LOCATION	ABOVE HALL CEILING
QUANTITY	28 NOS
OPEN AREA	0.72 sqm



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 ALUMINUM 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

### SCHEDULE OF VENTILATION V.KEYODHOO 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:-  
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.  
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- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.

### DOOR / WINDOW SCHEDULE - 2



V.Keyodhoo 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: Alshah Ahmed  
Interior:-

Rev no

Date

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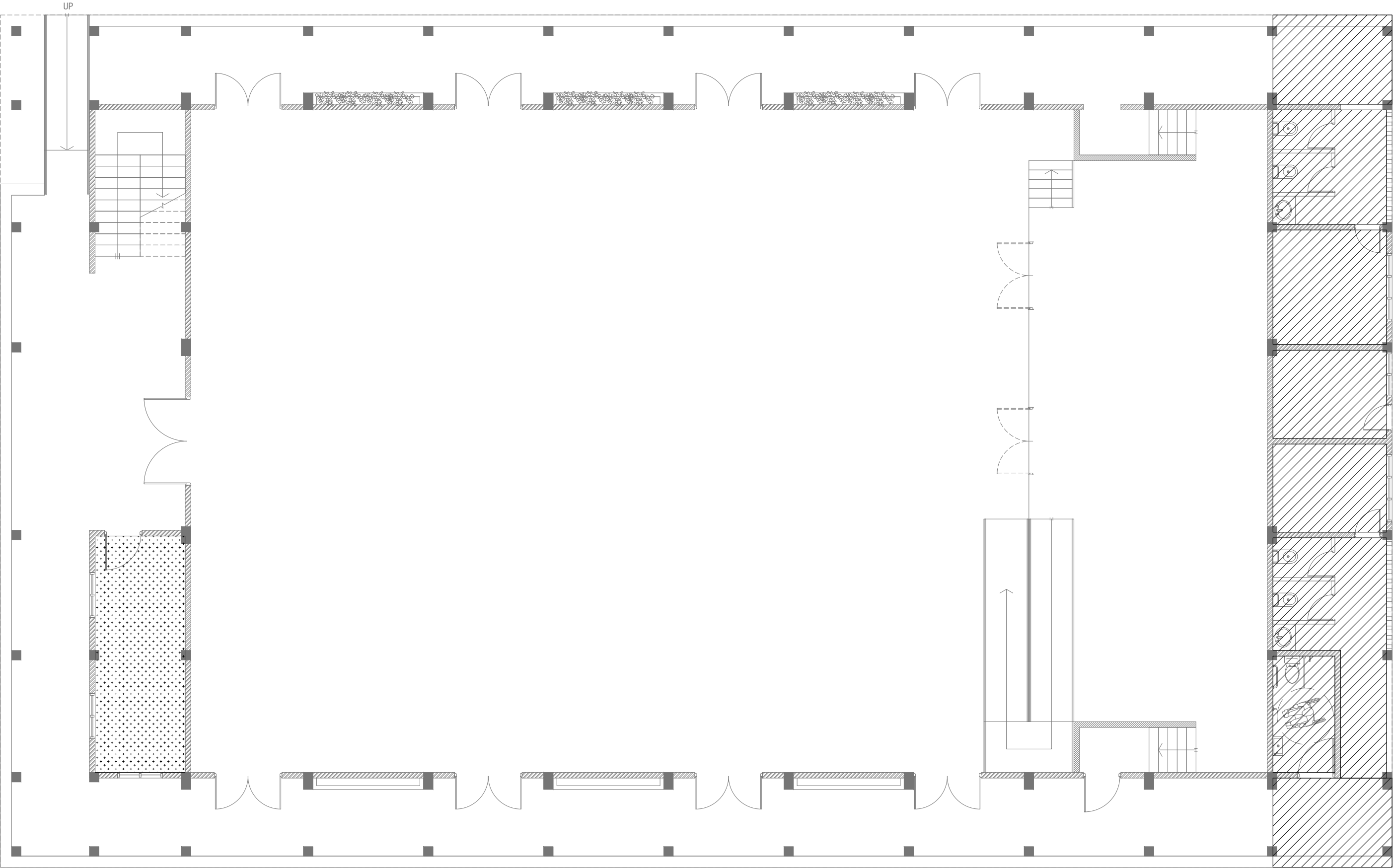
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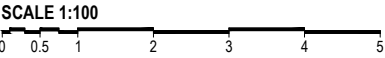
Title: Door / Window  
Schedule - 2

Page: A-09/19

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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

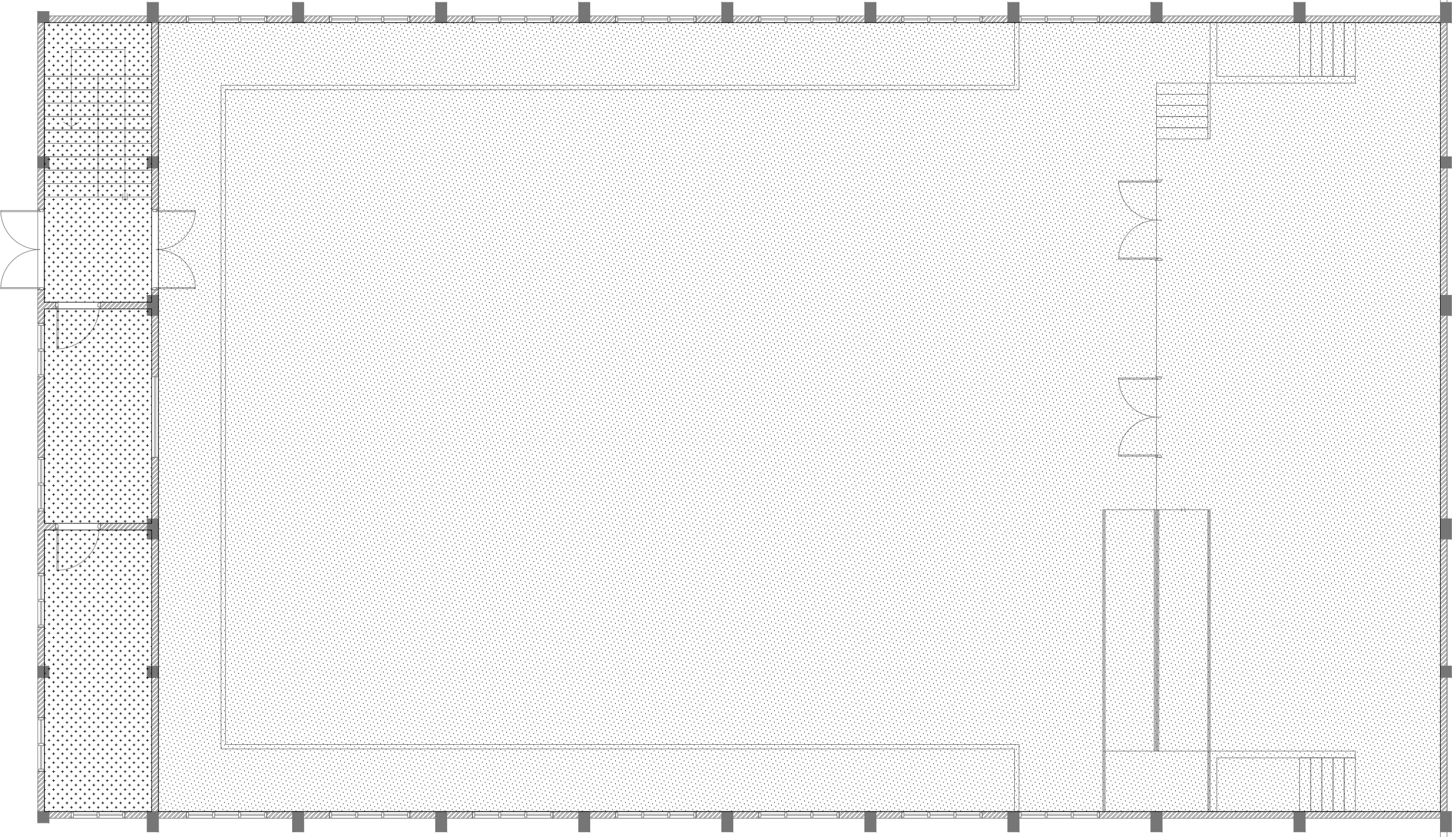
V. Keyodhoo School Hall  
Client: Ministry of Education

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: -	--	-----

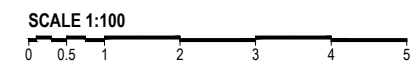


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w : www.riyan.com.mv  
3rd floor, H. Azum, Ameeeneemagu, Male'



FIRST FLOOR  
REFLECTED CEILING PLAN



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

V. Keyodhoo School Hall

Client: Ministry of Education

Project Number: RI/2017/012

Date: April 2019

Architect: Razana Amir

Engineer: Ahmed Zuhail Zaeem

Drawn by: Razana Amir

Services: Aishath Ahmed

Interior: -

Rev no

Date

RIYAN PRIVATE LIMITED

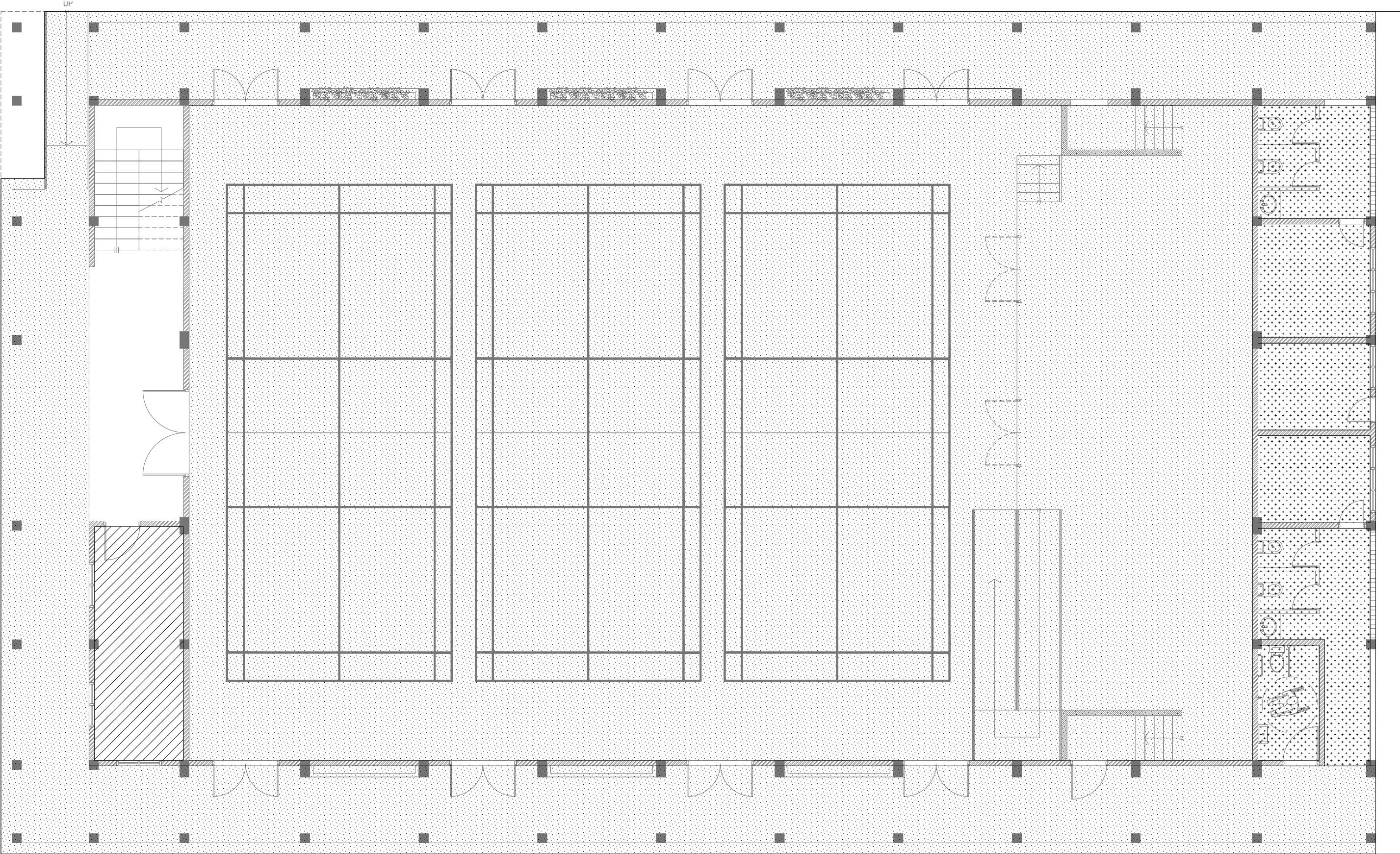
t: +9603315049 f: +9603310776  
e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azum, Ameeeneemagu, Male'

Title: Door / Window  
Schedule - 2

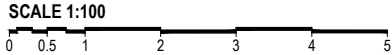
Page: A-11/19

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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

V Keyodhoo School Hall  
Client: Ministry of Education

Project Number: RI/2017/012	Rev no	Date
Date: April 2019	01	01/04/2019
Architect: Razana Amir	02	01/04/2019
Engineer: Ahmed Zuhair Zaeem	03	01/04/2019
Drawn by: Razana Amir	04	01/04/2019
Services: Aishath Ahmed	05	01/04/2019
Interior: -	06	01/04/2019

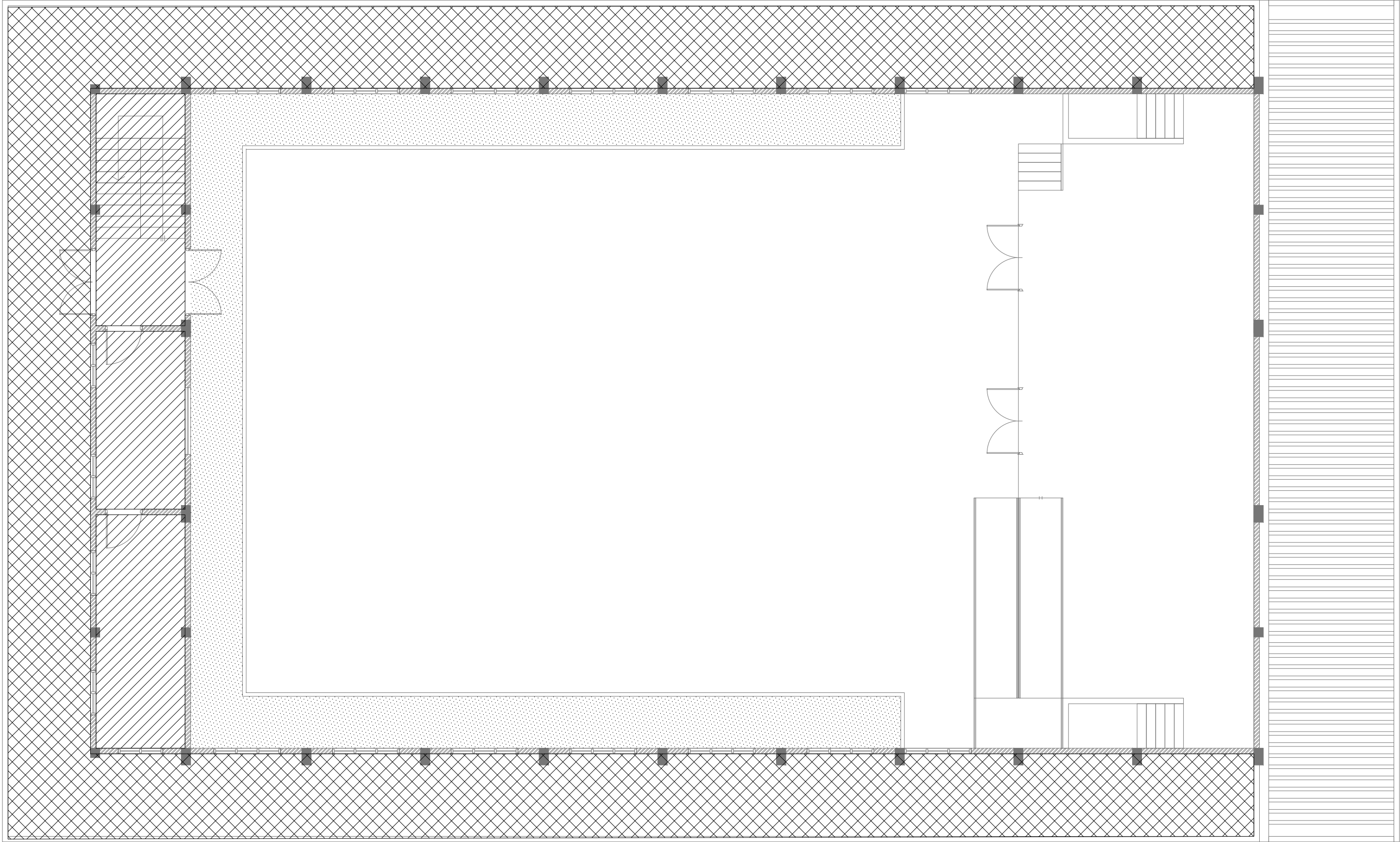


**RIYAN PRIVATE LIMITED**

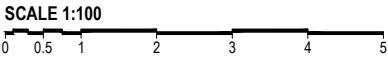
t: +9603315049 f: +9603310776  
e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azum, Ameeleemagau, Male'

Title: Door / Window  
Schedule - 2


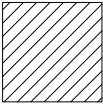
Page: A-12/19

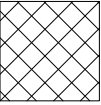


FIRST FLOOR  
FLOOR FINISHES PLAN



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
---	--

V.Keyodhoo 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 - 2

Page: A-13/19

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**SCALE 1:20**



V.Keyodhoo School Hall  
Client: Ministry of Education

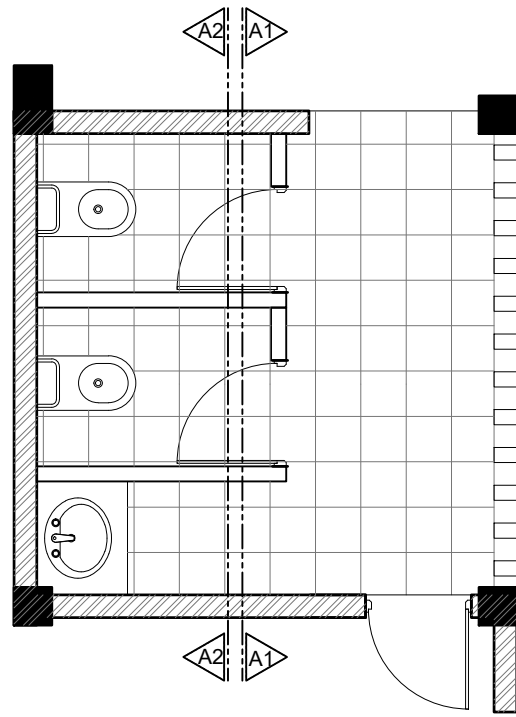
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e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azum, Ameeneemagu, Male'

Title: RC Fin Detail

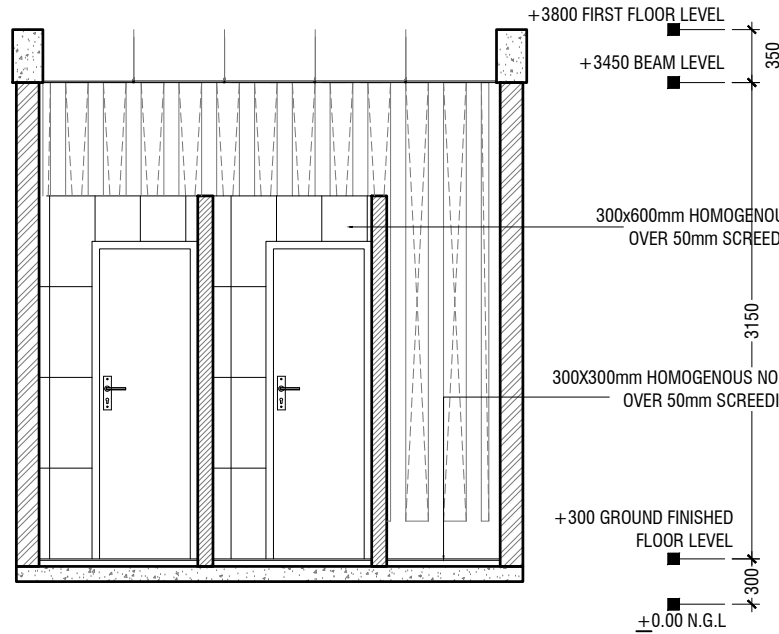
Page: A-15/19

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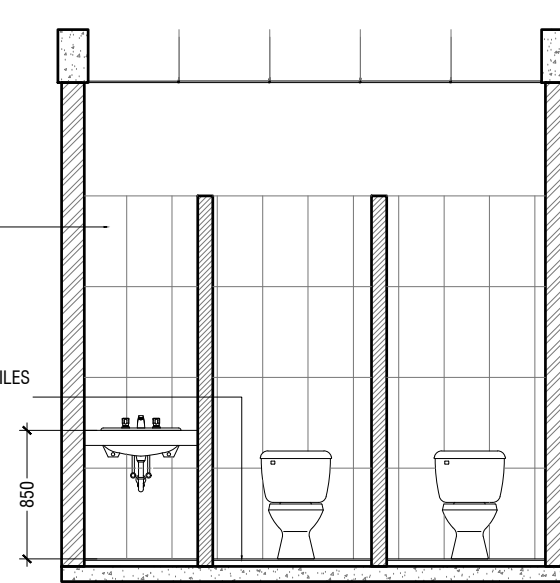
**TYPICAL TOILET PLAN**

SCALE 1:50  
0 0.25 0.5 1 1.5 2 2.5



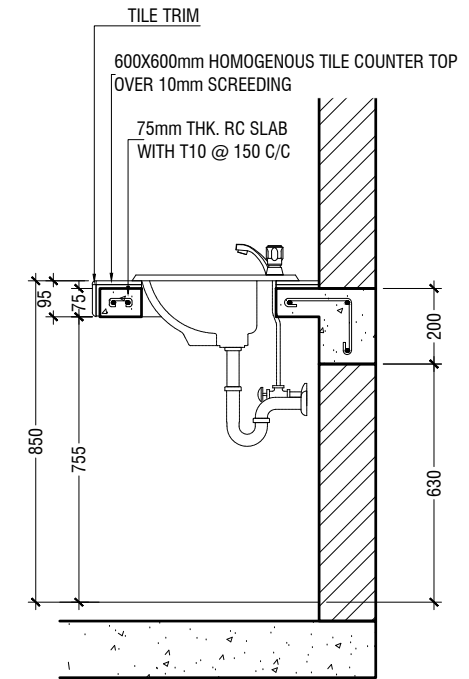
**SECTION A1-A1**

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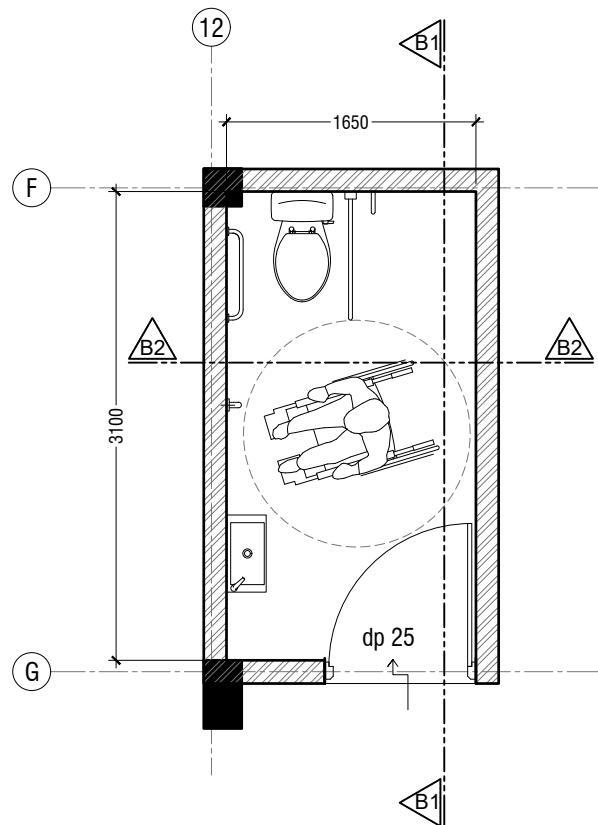
**SECTION A2-A2**

SCALE 1:50  
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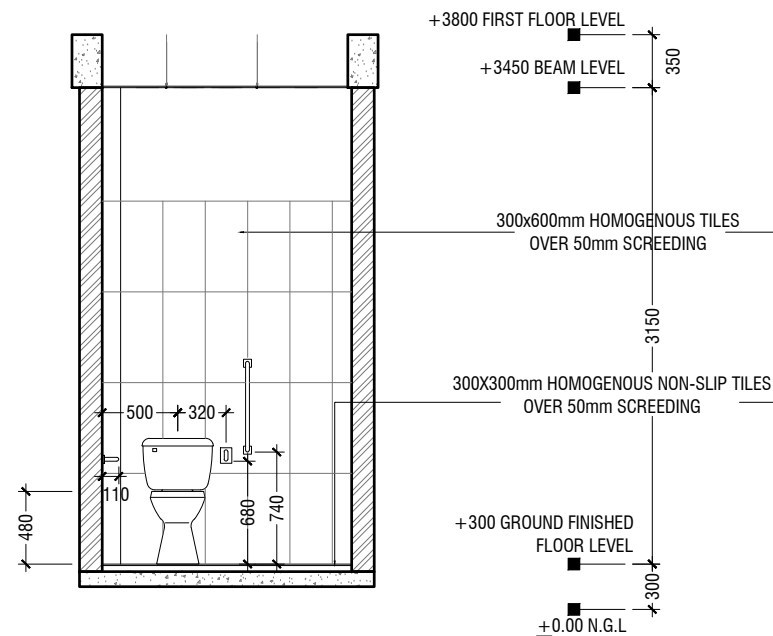
**COUNTER TOP DETAILS**

SCALE 1:20  
0 0.1 0.2 0.4 0.6 0.8 1



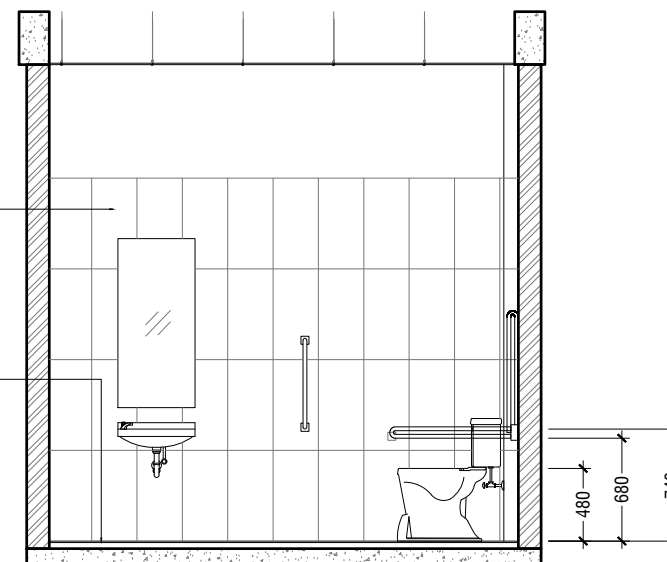
**TOILET FOR PERSONS WITH DISABILITIES PLAN**

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

V.Keyodhoo 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	



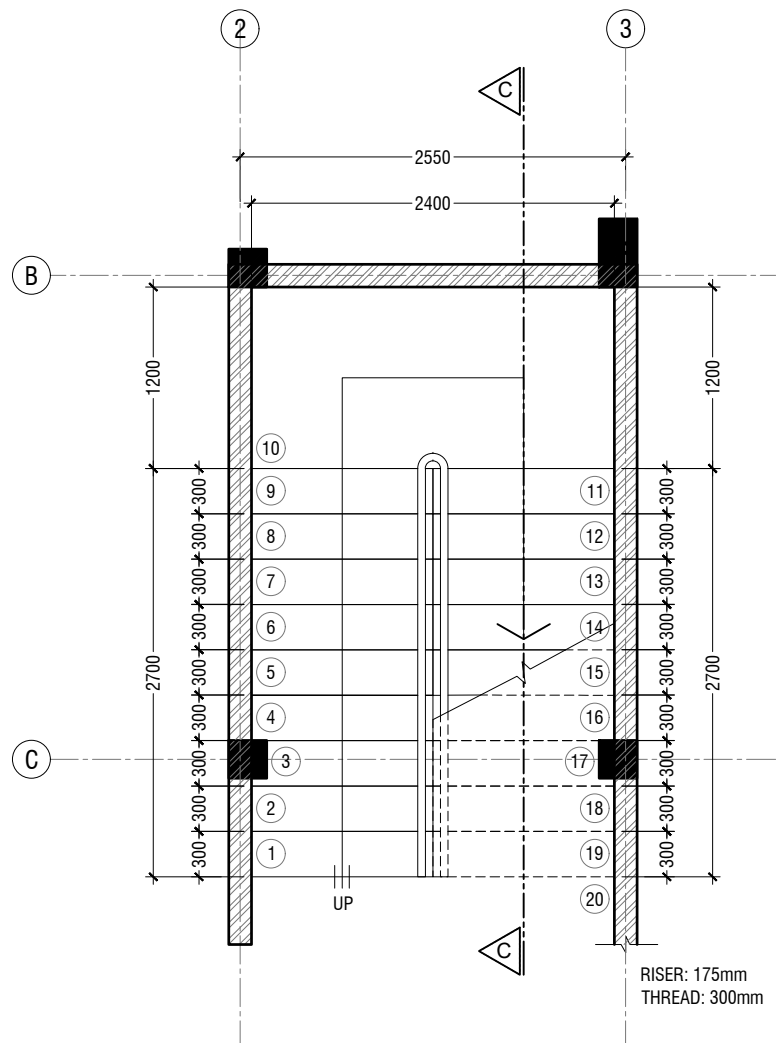
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w: www.ryan.com.mv  
3rd floor, H. Azum, Aneeneemagau, Male'

Title: Toilet details

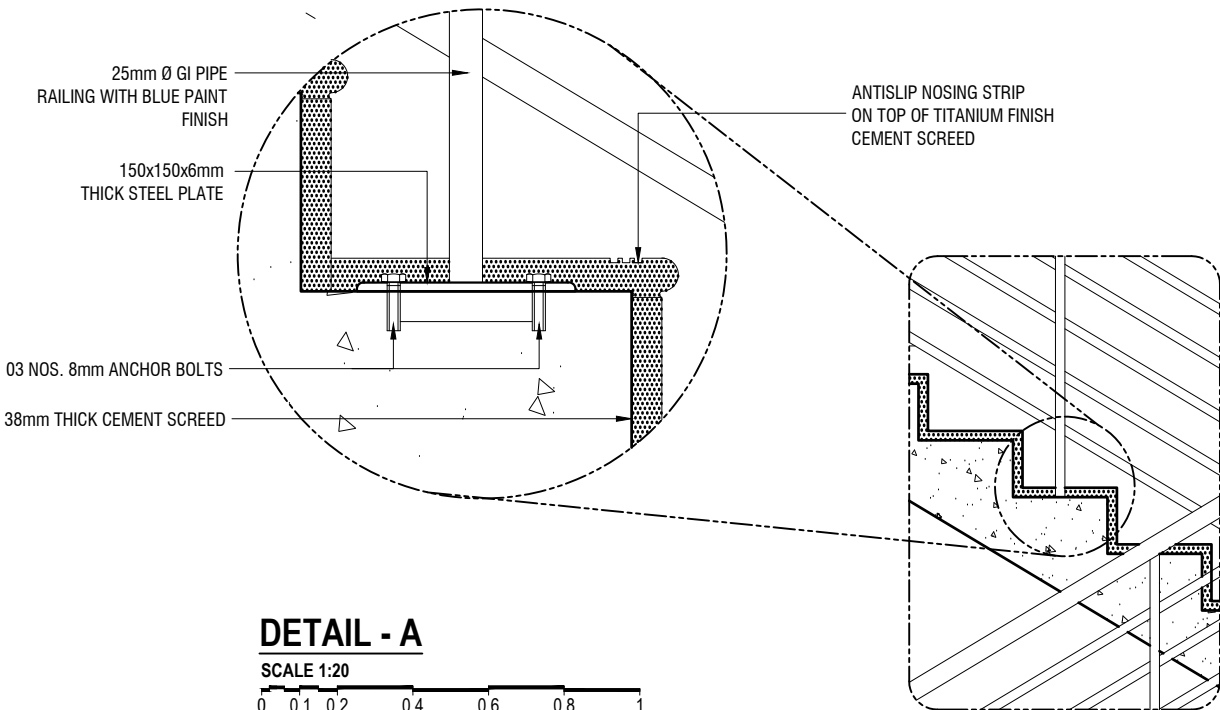
Page: A-16/19

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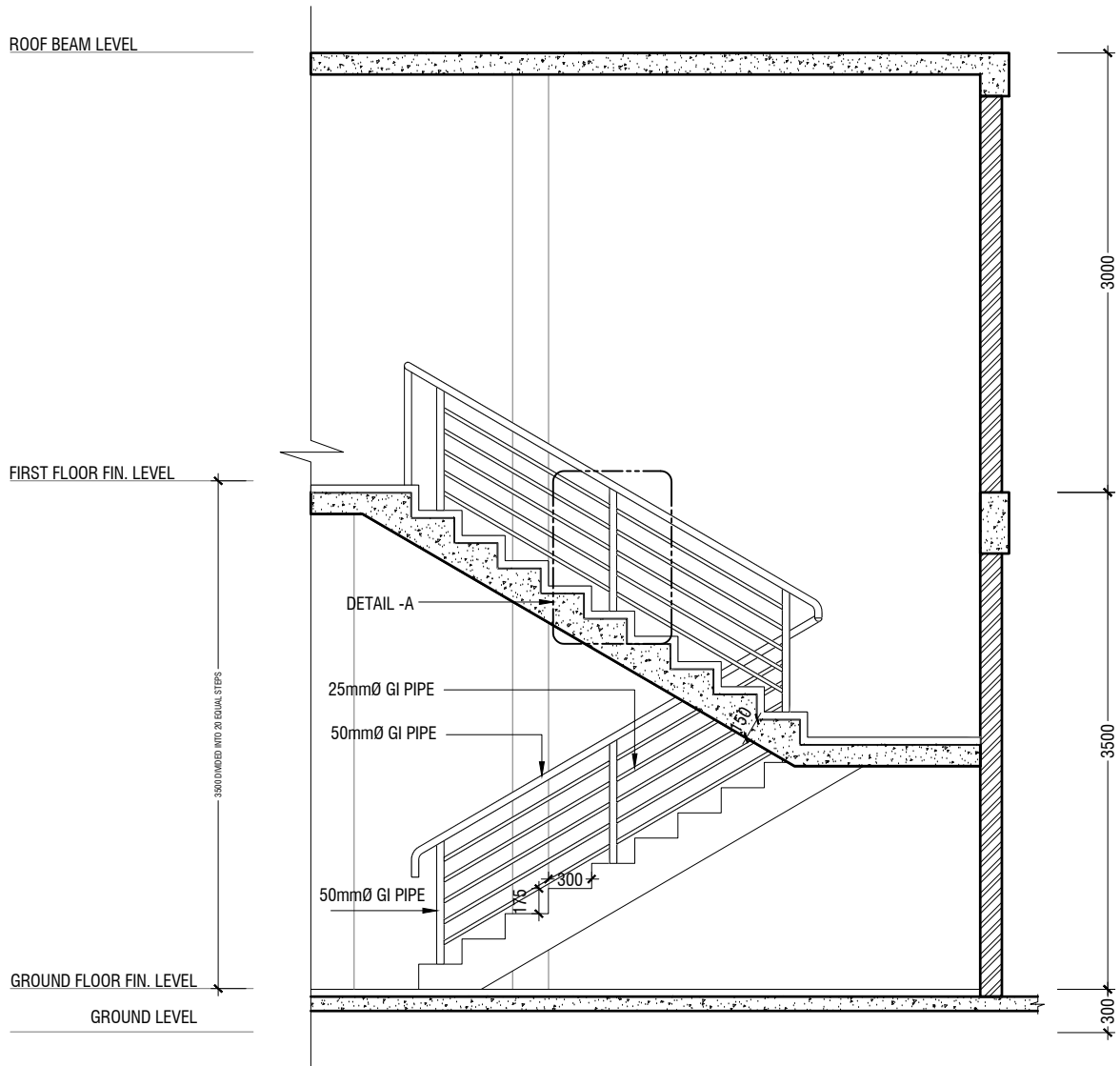
# MAIN STAIRCASE PLAN

SCALE 1:50



# DETAIL - A

SCALE 1:20



# SECTION C-C

SCALE 1:50

# MAIN STAIRCASE DETAIL

SCALE 1:50

V.Keyodhoo School Hall  
Client: Ministry of Education

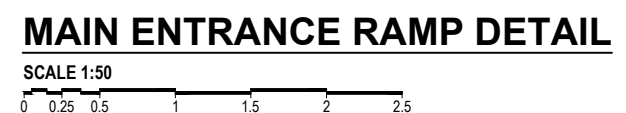
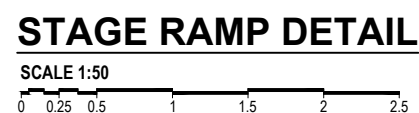
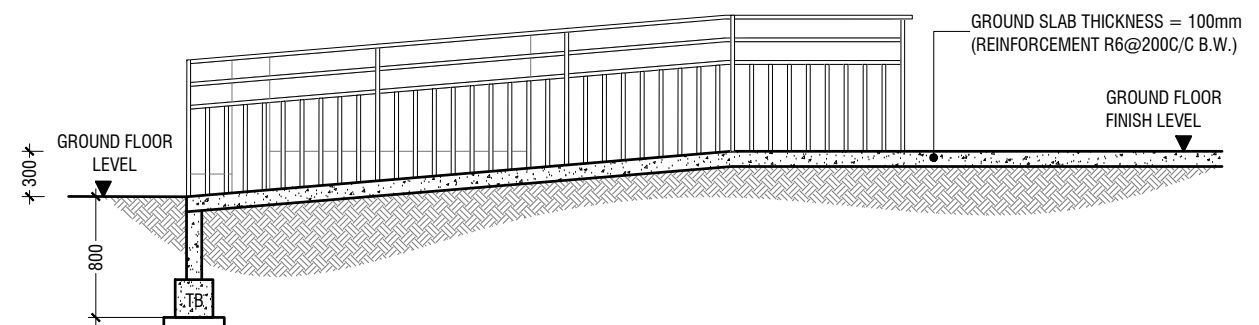
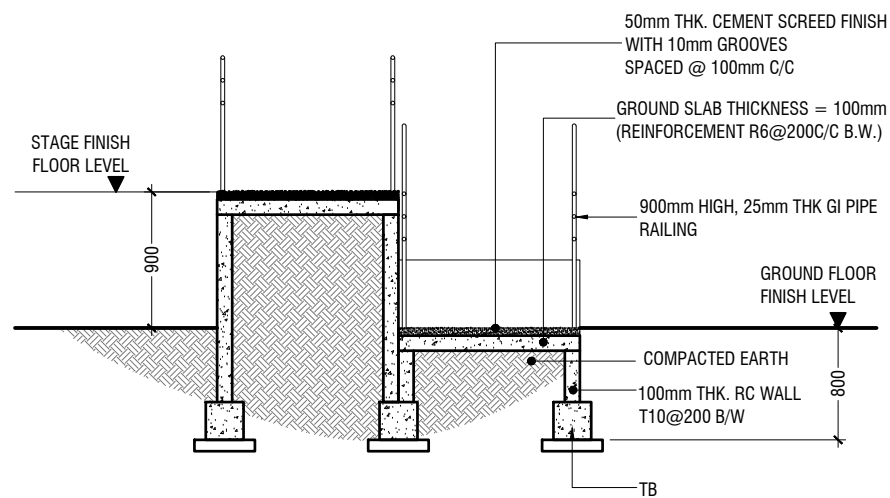
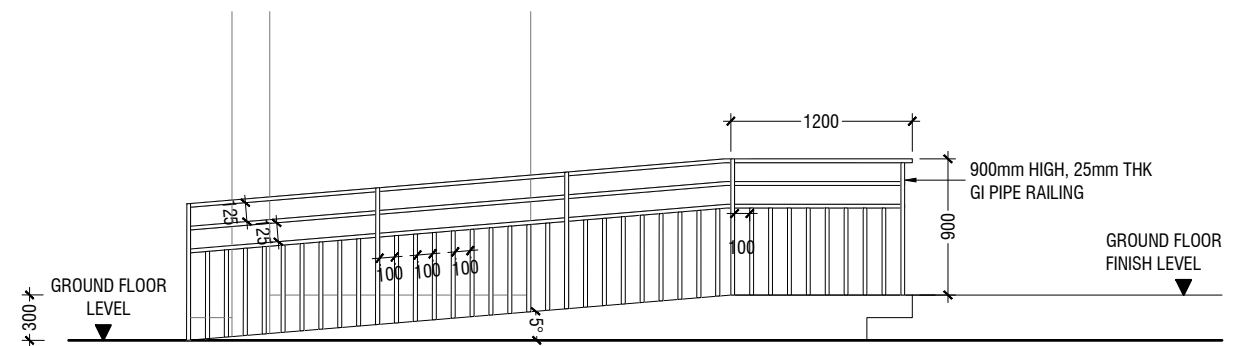
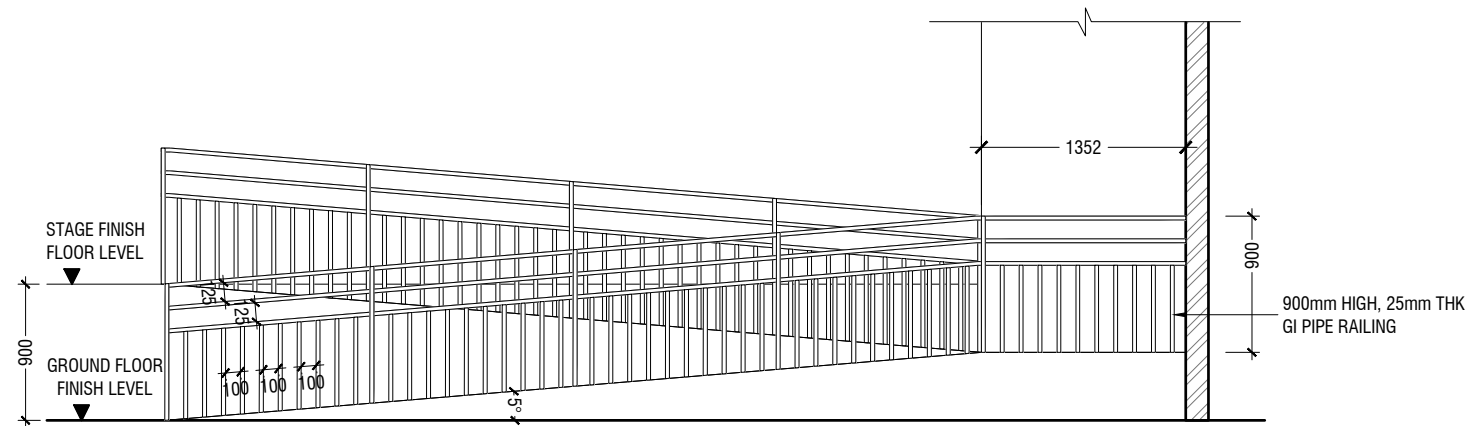
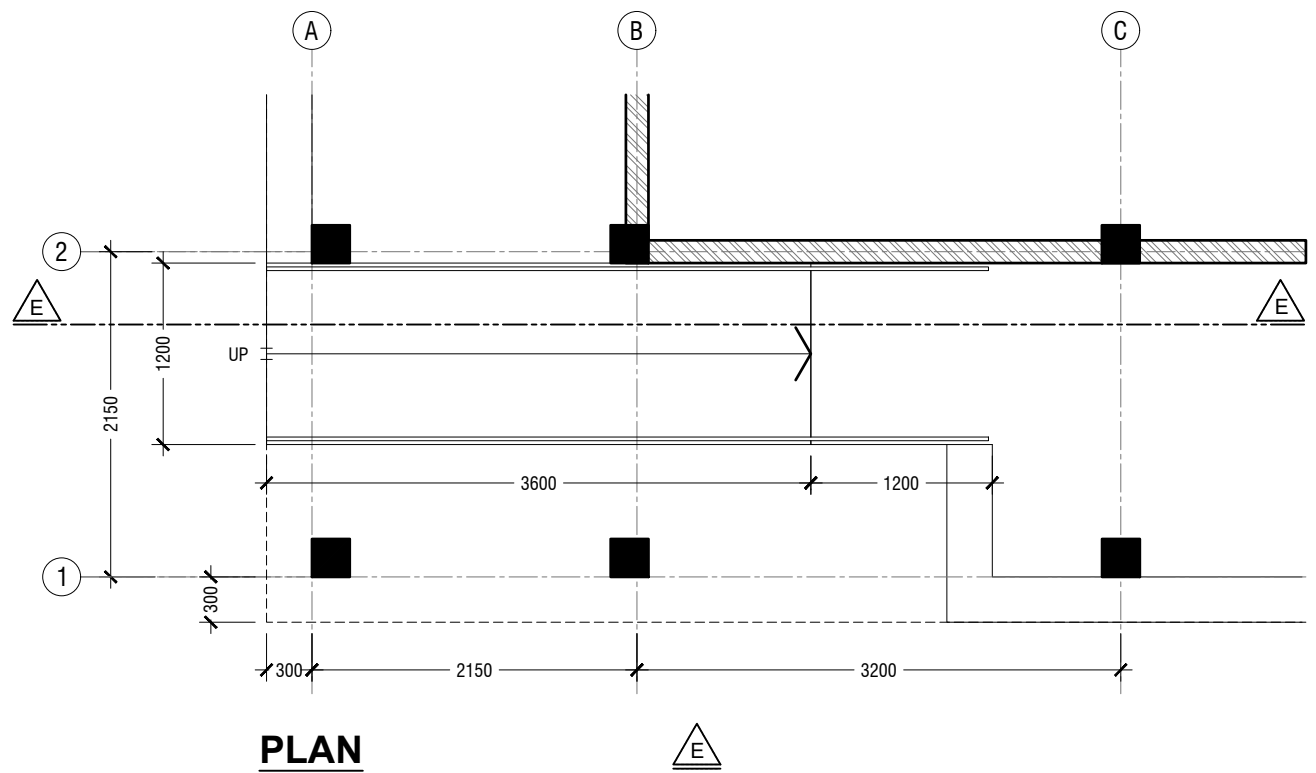
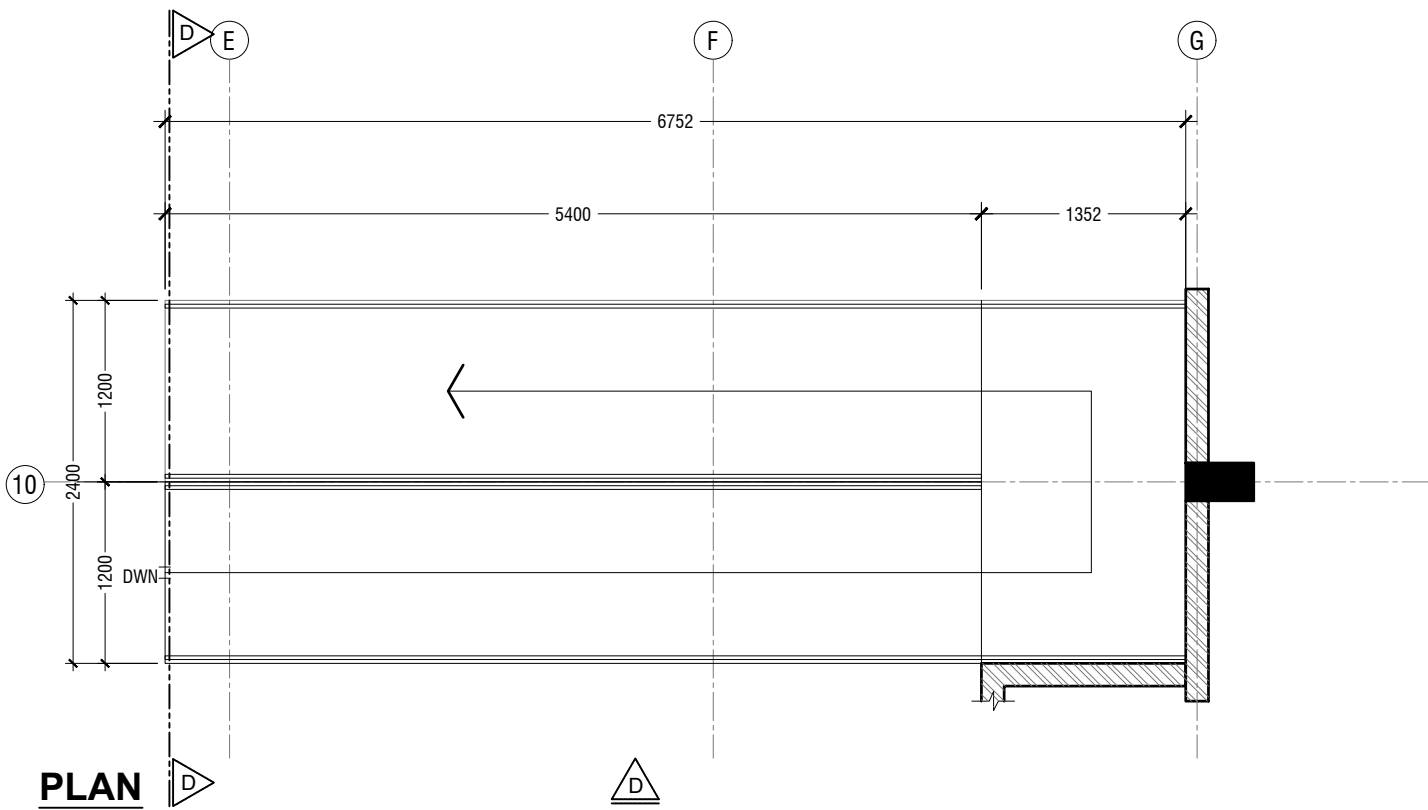
Rev no	Date
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2	2017/01/02
3	2017/01/02
4	2017/01/02
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15	2017/01/02
16	2017/01/02
17	2017/01/02
18	2017/01/02
19	2017/01/02
20	2017/01/02



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Title: Main Staircase Detail



V. Keyodhoo 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
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10	2017/01/02

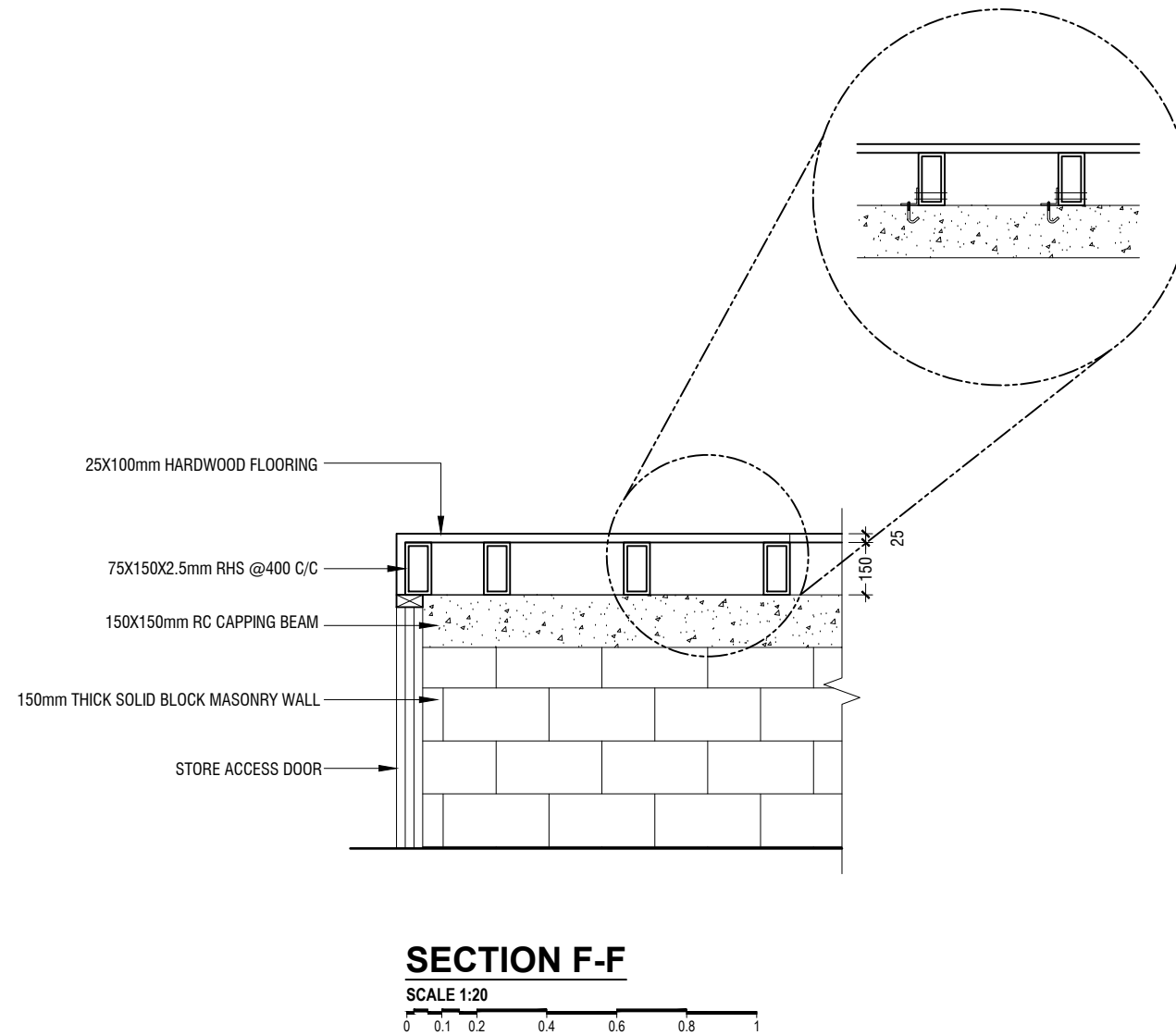
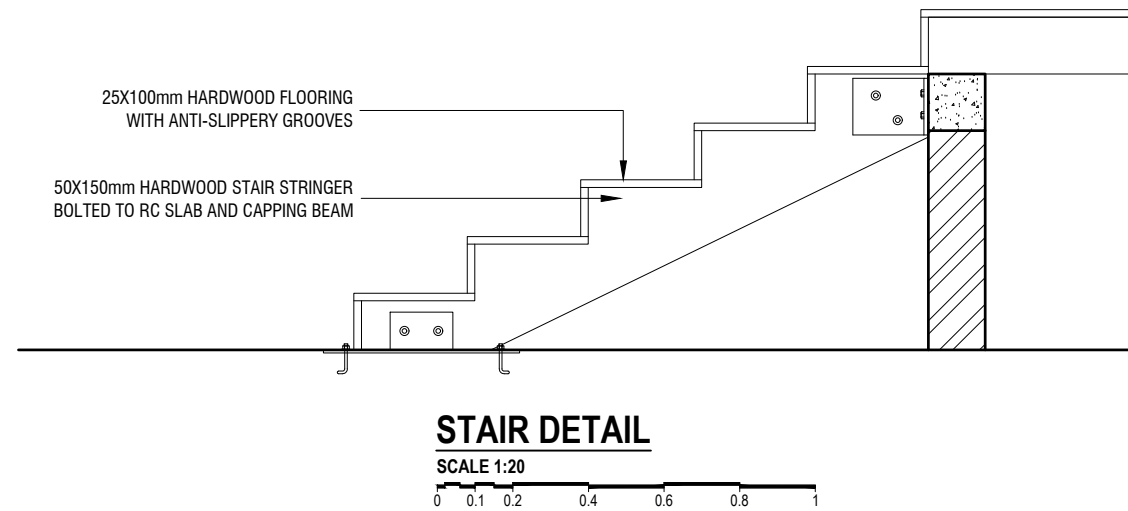
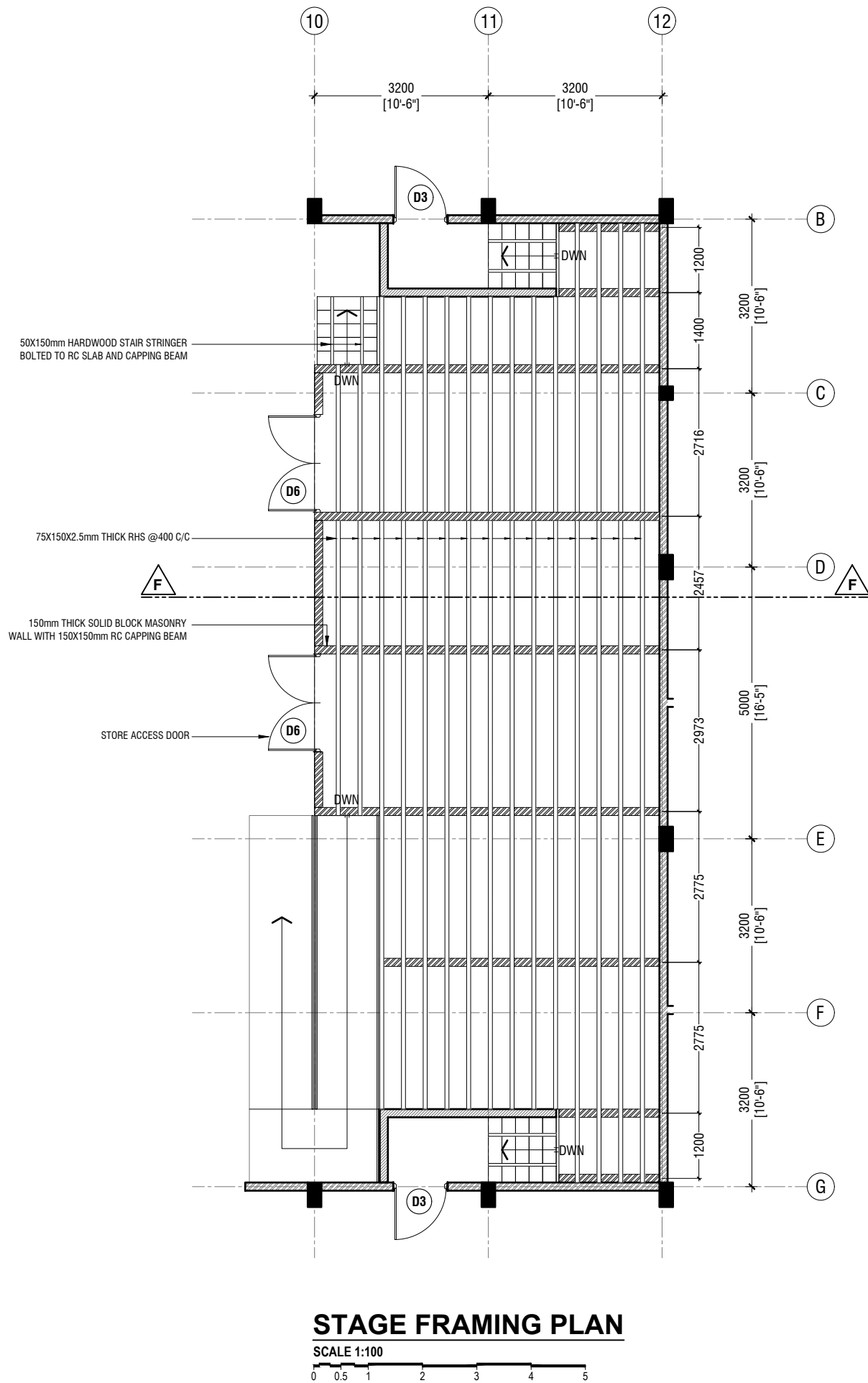


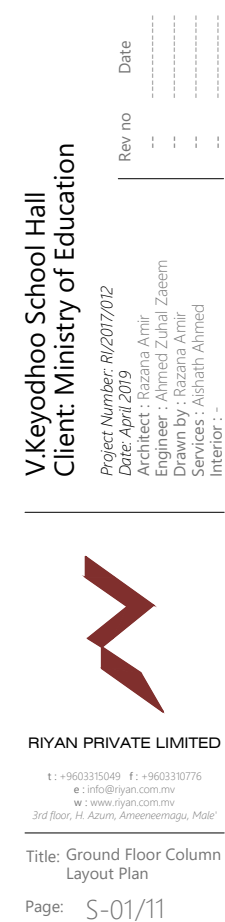
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e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azumi, Anseemagau, Male'

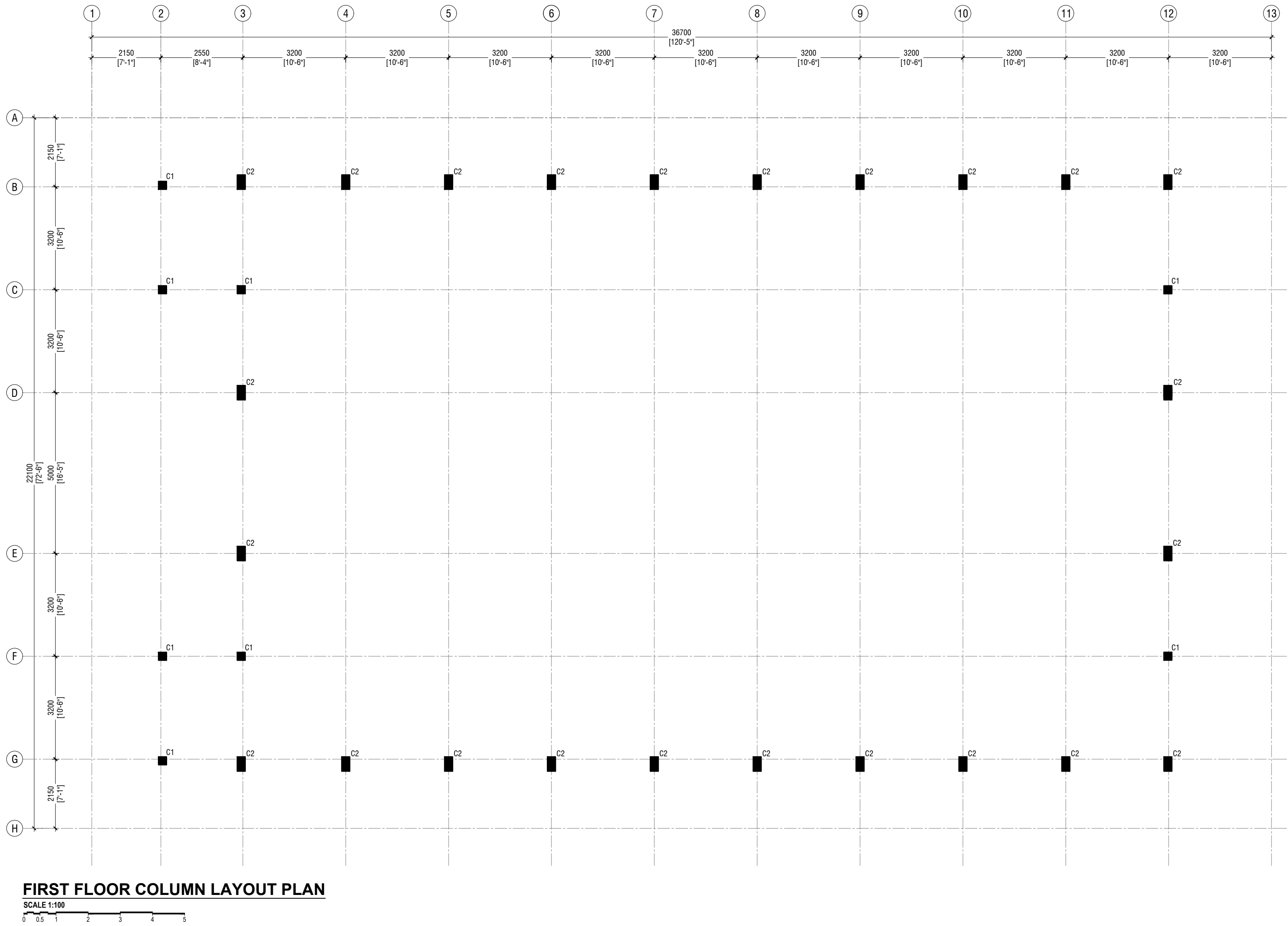
Title: Stage Ramp Detail

Page: A-18/19

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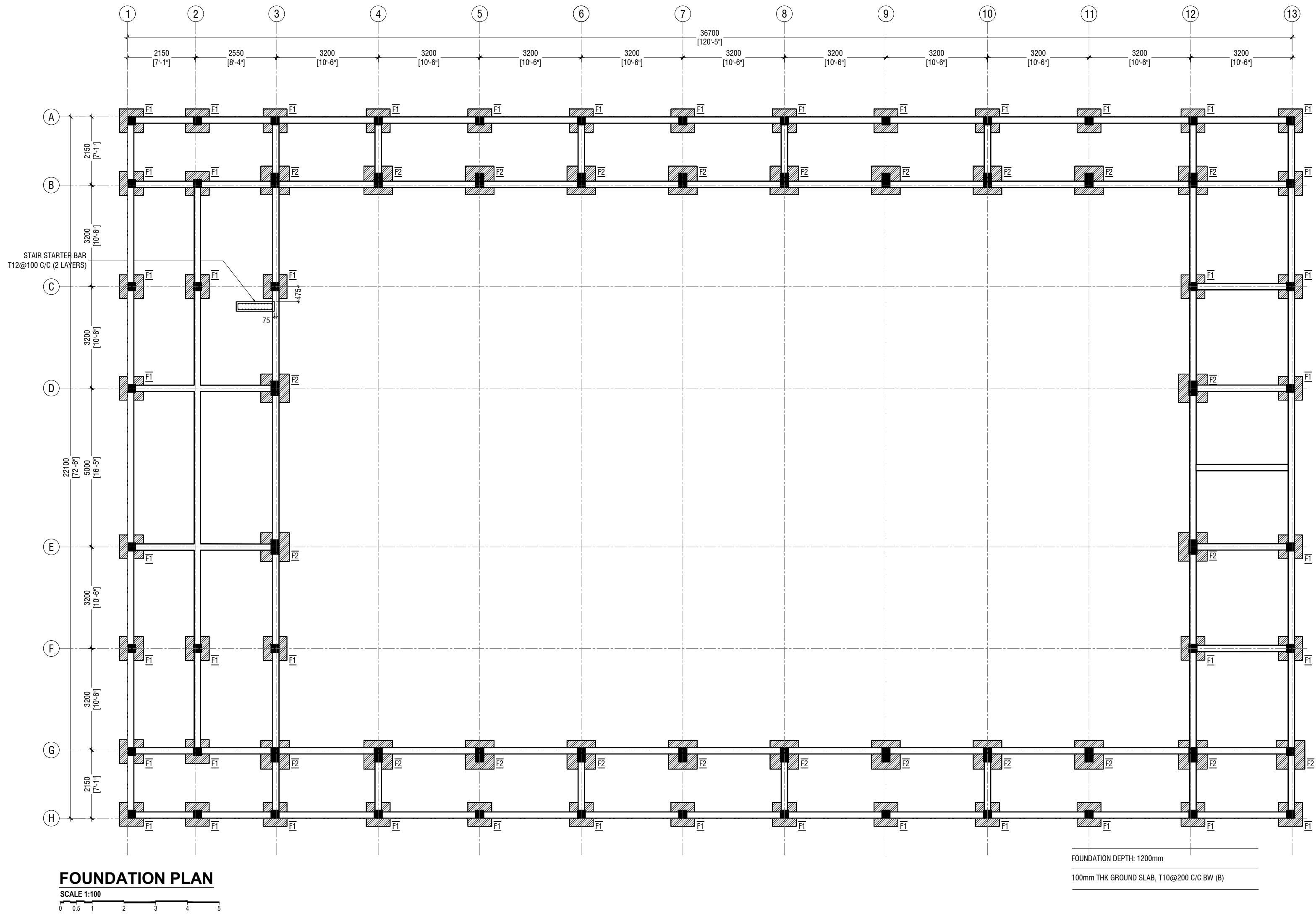




**V Keyodhoo School Hall**  
**Client: Ministry of Education**

Rev no	Date
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2	10/04/2019
3	10/04/2019
4	10/04/2019
5	10/04/2019

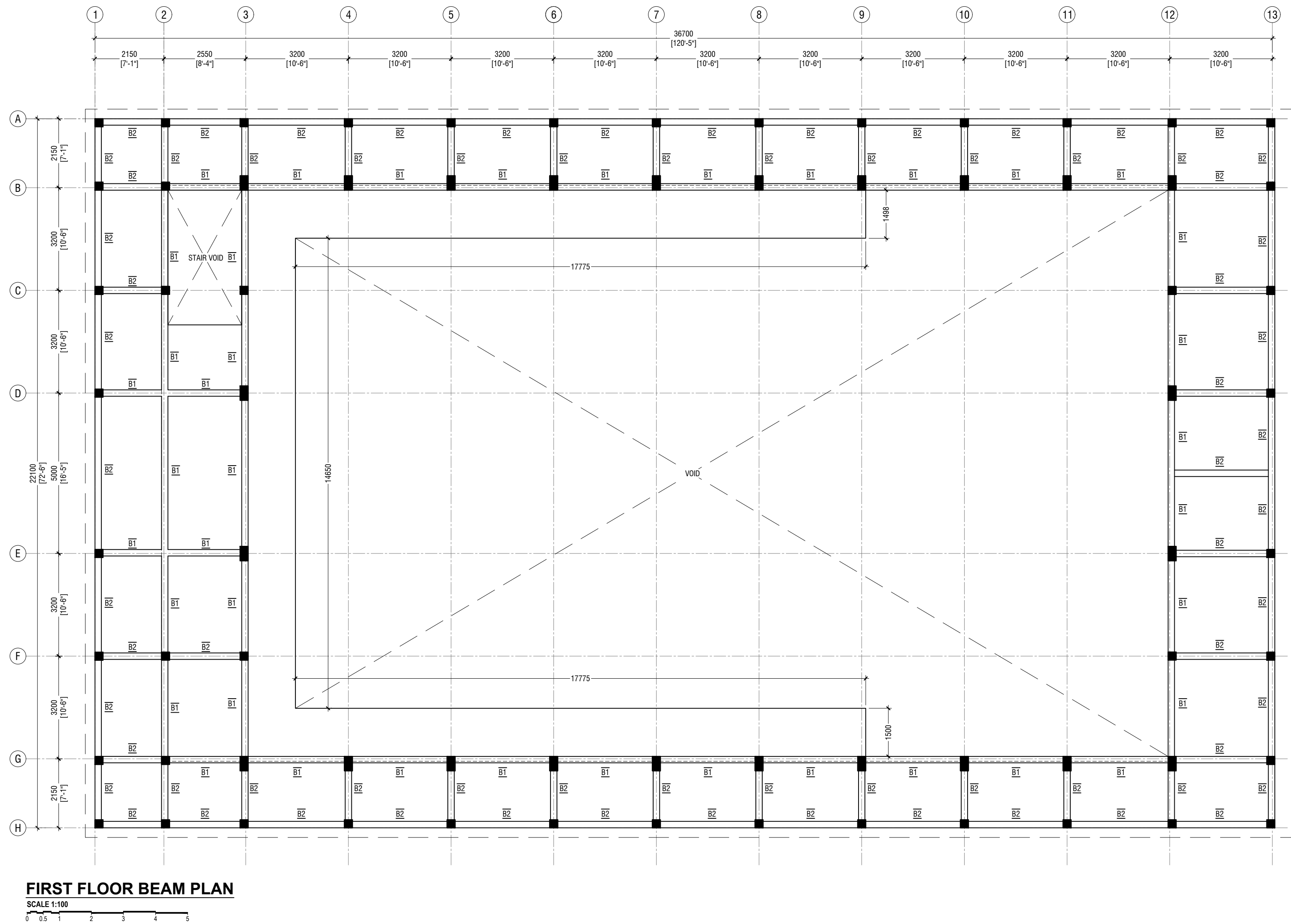
Project Number: RI/2017/02  
Date: April 2019  
Drawn by: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Services: Alhath Ahmed  
Inspector:



V-Keyodhoo School Hall  
Client: Ministry of Education

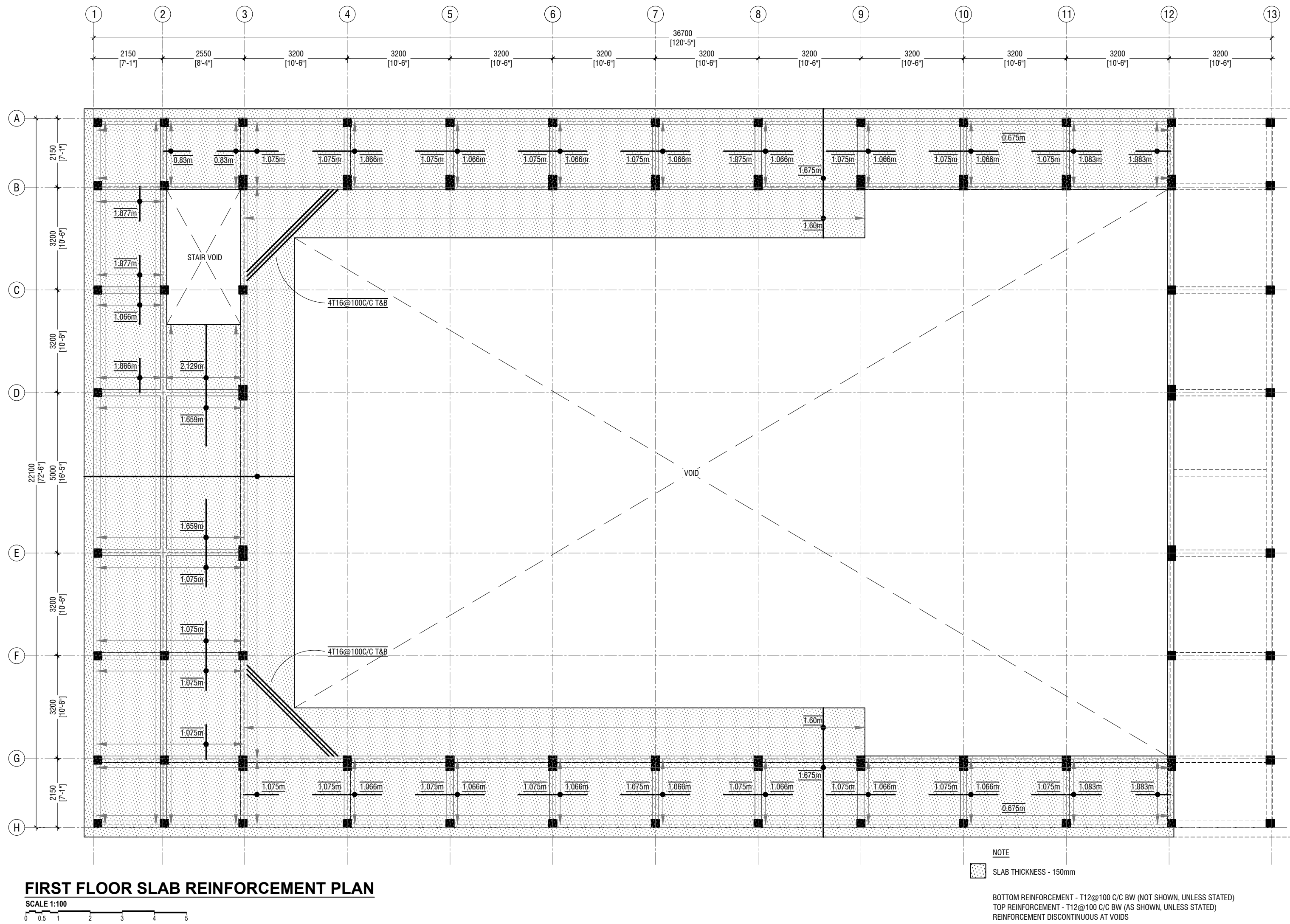
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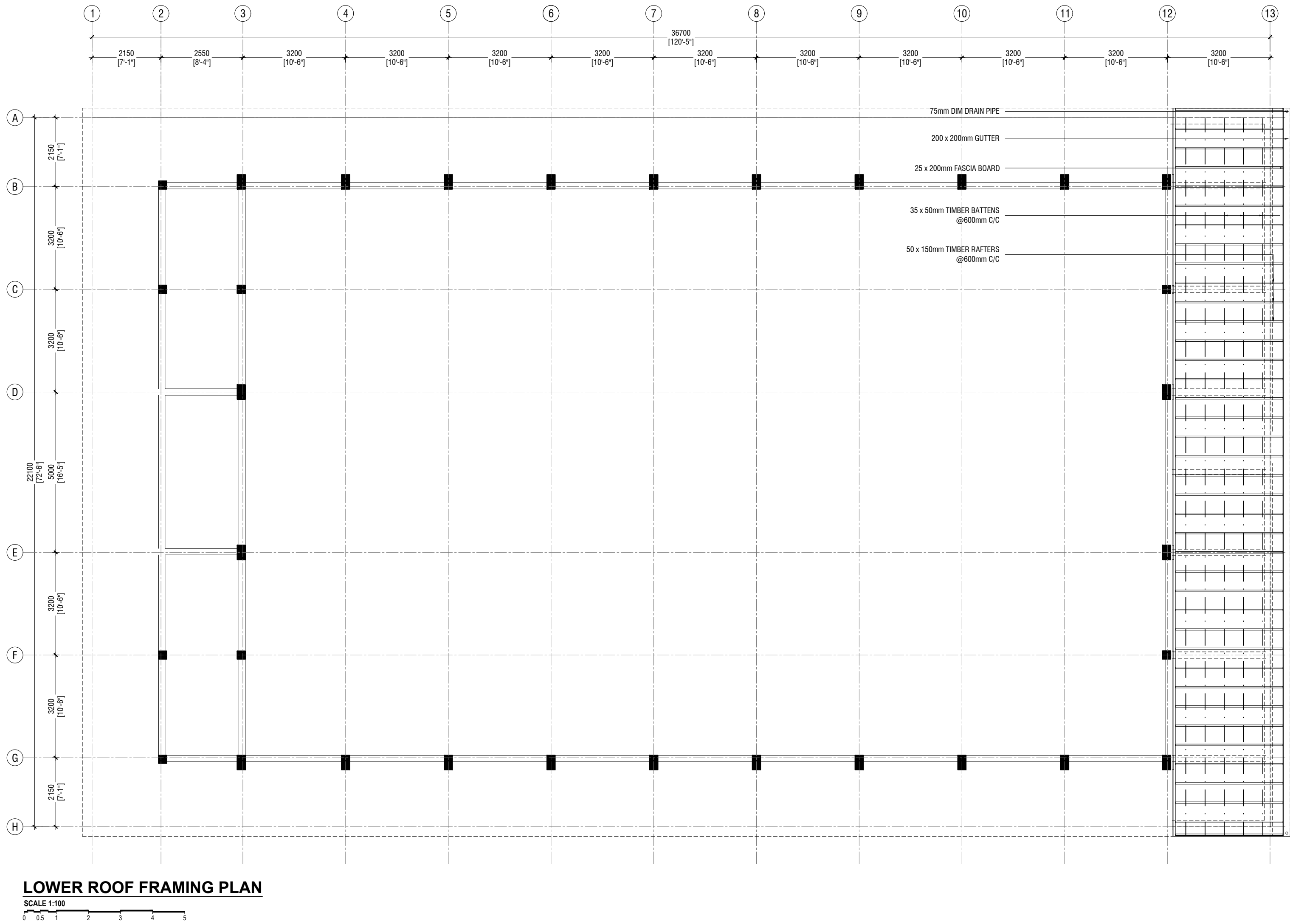
V-Keyodhoo School Hall  
Client: Ministry of Education

Rev no	Date
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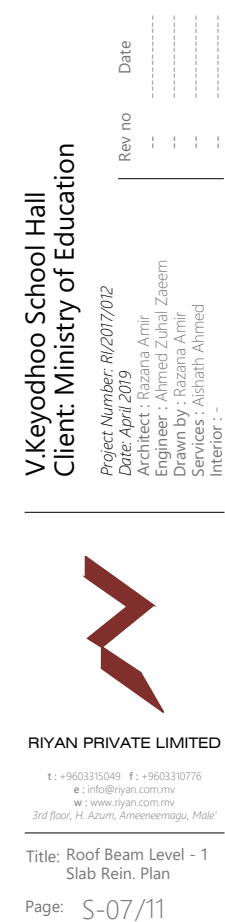
V Keyedhoo School Hall  
Client: Ministry of Education

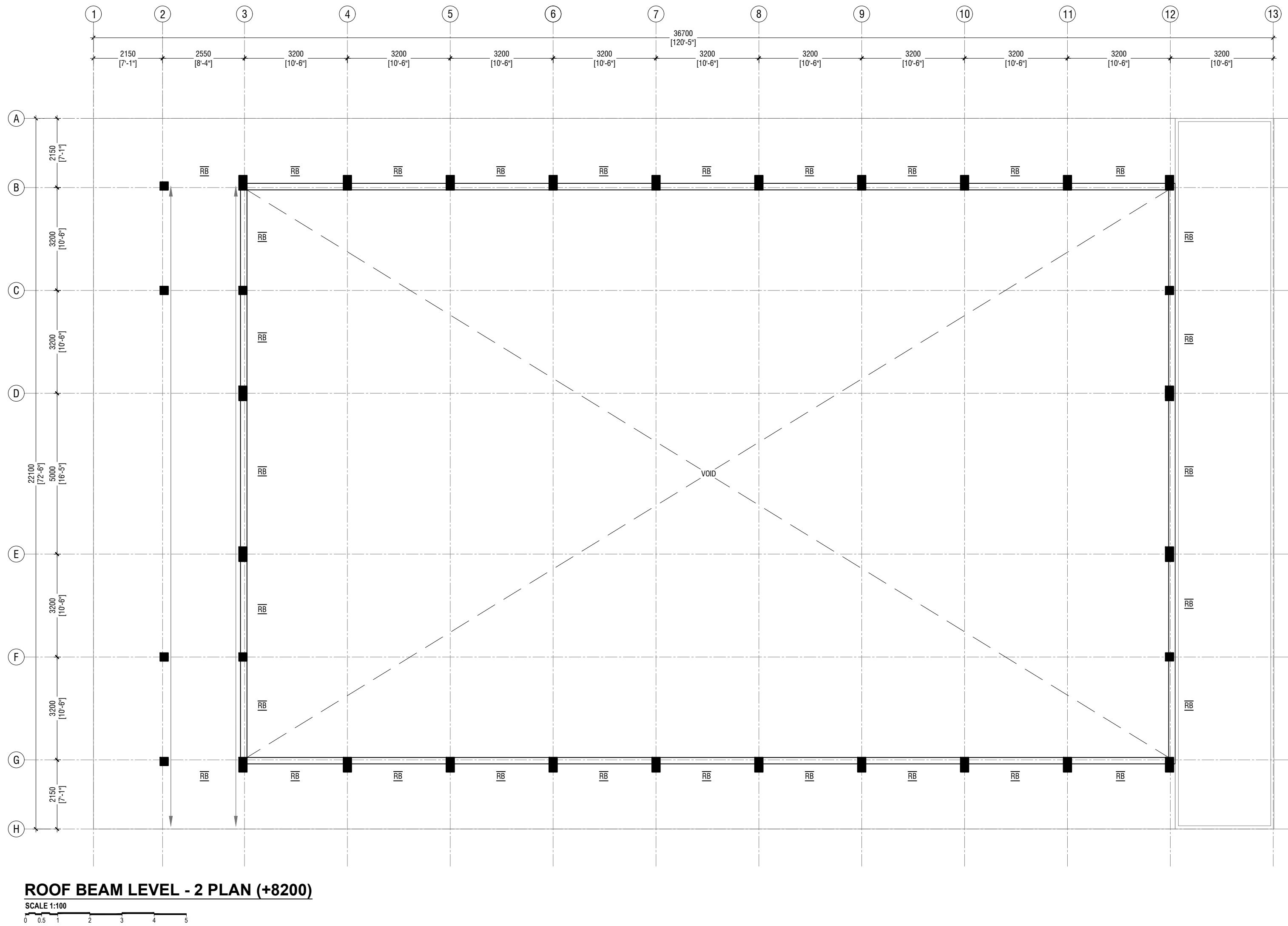
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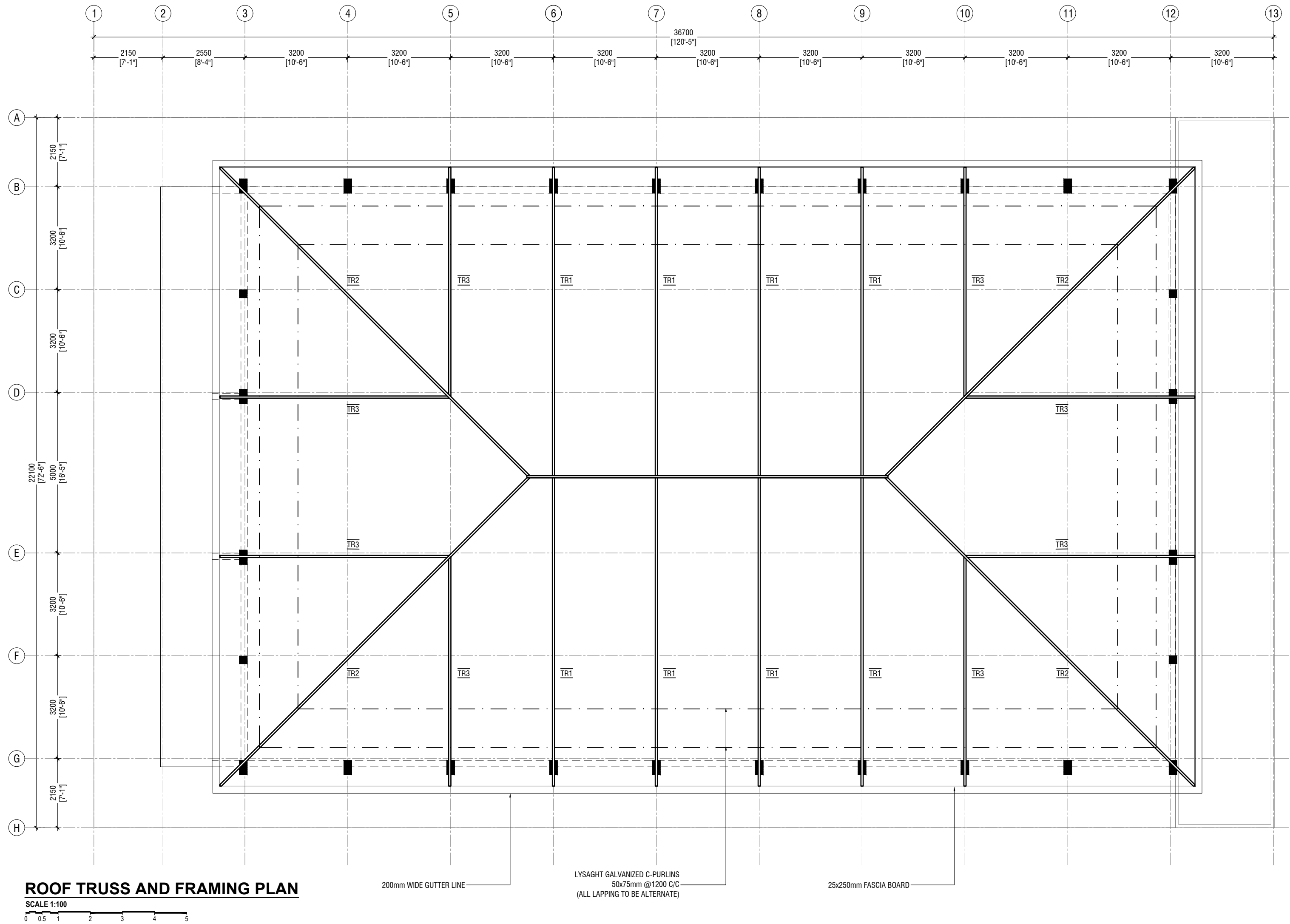


V Keyodhoo School Hall  
Client: Ministry of Education

Rev no	Date
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V-Keydhoo School Hall  
Client: Ministry of Education

Rev no	Date
1	2019
2	2019
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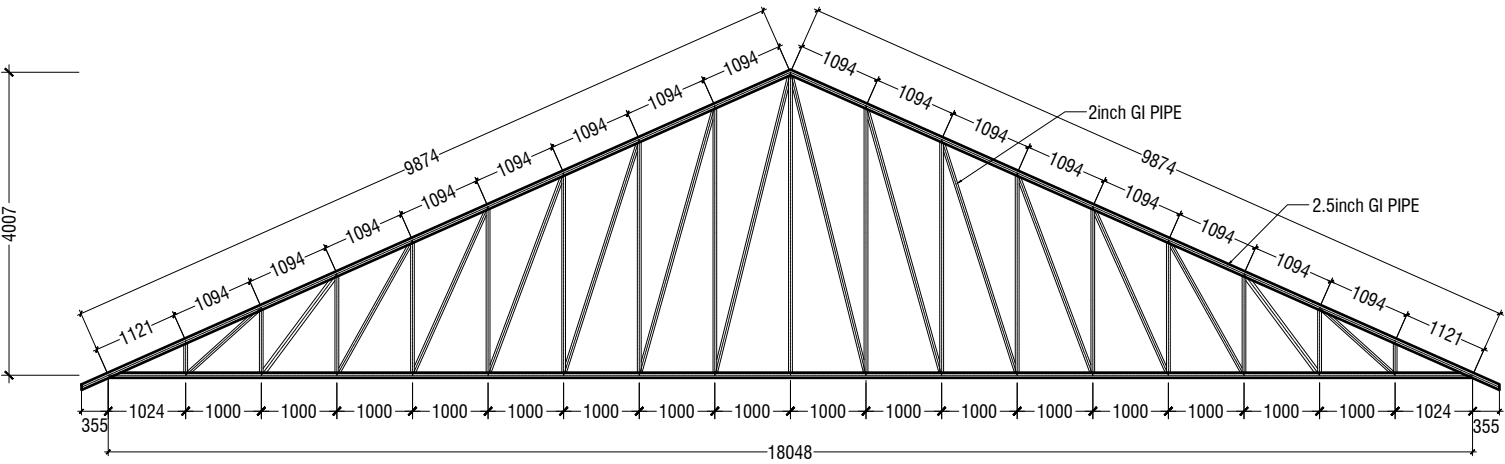
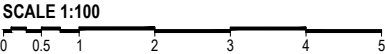
T: +9603355049 F: +9603310776  
E: info@ryan.com.mv  
W: www.ryan.com.mv  
3rd Floor, H. Azum, Aareememoggu, Male

Title: Roof Truss and Framing Plan

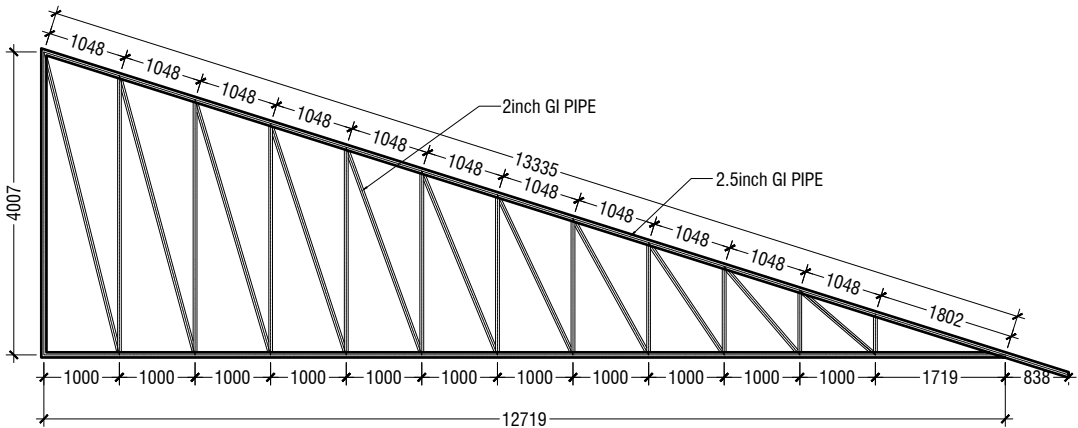
Page: S-09/11

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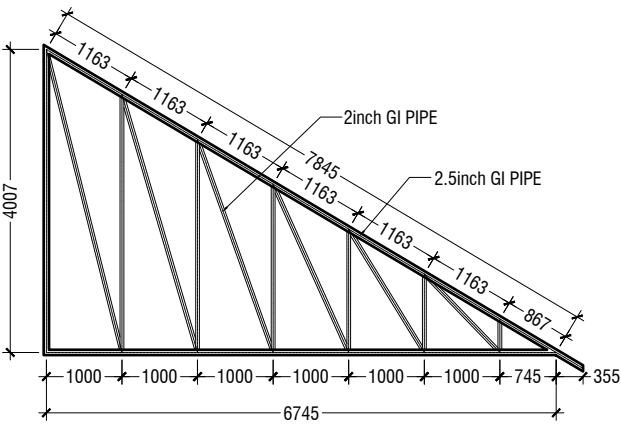
ROOF TRUSS AND FRAMING PLAN



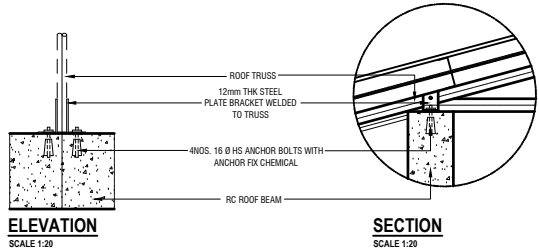
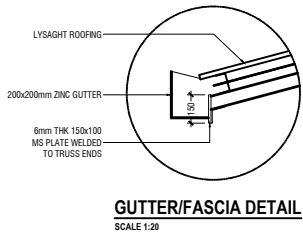
TRUSS TYPE TR1



TRUSS TYPE TR2



TRUSS TYPE TR3



TYPICAL TRUSS FIXING DETAILS

V.Keyodhoo 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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3rd floor, H. Azum, Aneeneemagu, Male'

Title: Roof Truss and Framing Plan

Page: S-10/11

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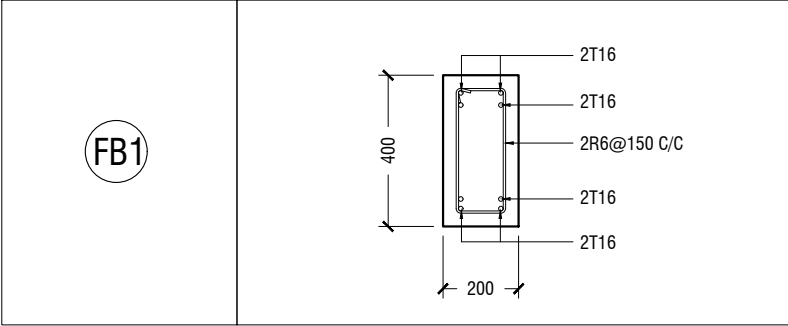
	DIMENSION	REINFORCEMENT
F1	750 x 750 x 250	T10@150 C/C B/W (B)
F2	900 x 900 x 300	T10@100 C/C B/W (B)

FOUNDATION DEPTH = 1200mm

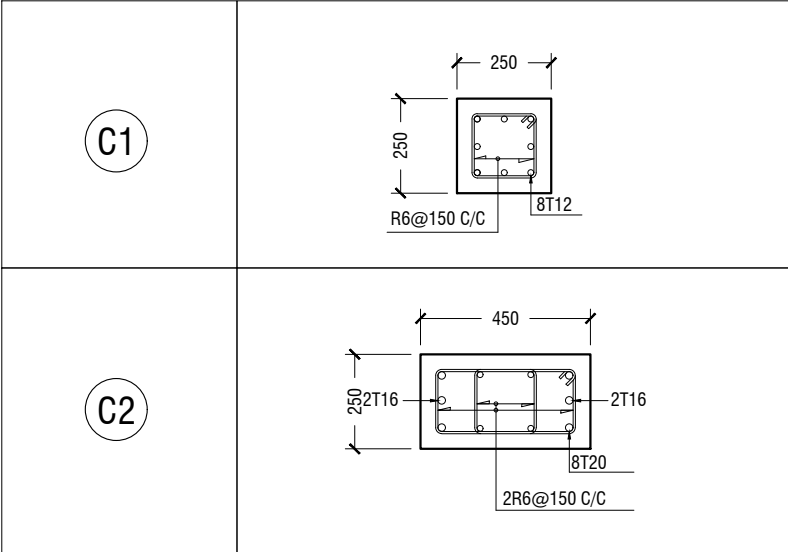
NOTE:-  
COVER TO FOUNDATION = 50mm  
COVER TO COLUMNS = 35-40mm  
COVER TO BEAMS = 35mm  
LAPS = Ø OF BAR x 45  
BEAMS @END SUPPORT = Ø OF BAR x 12

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

FOUNDATION PADS

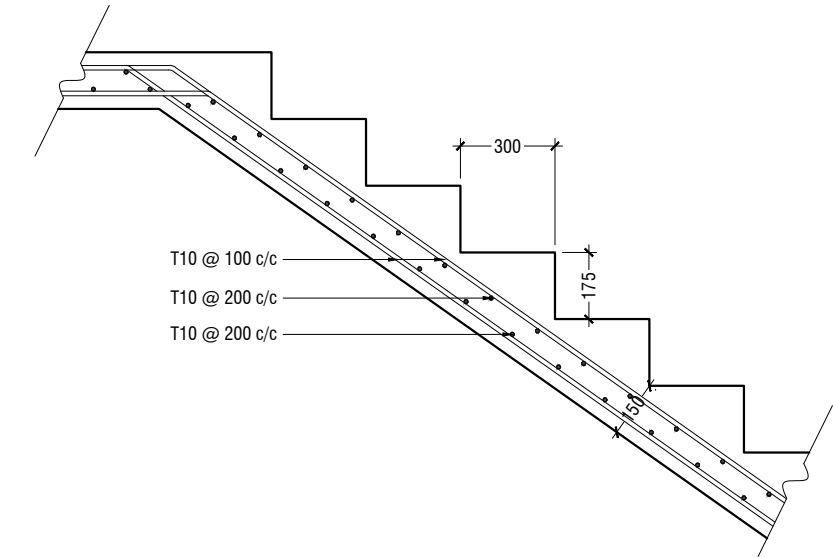
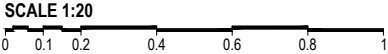


FOUNDATION DETAILS

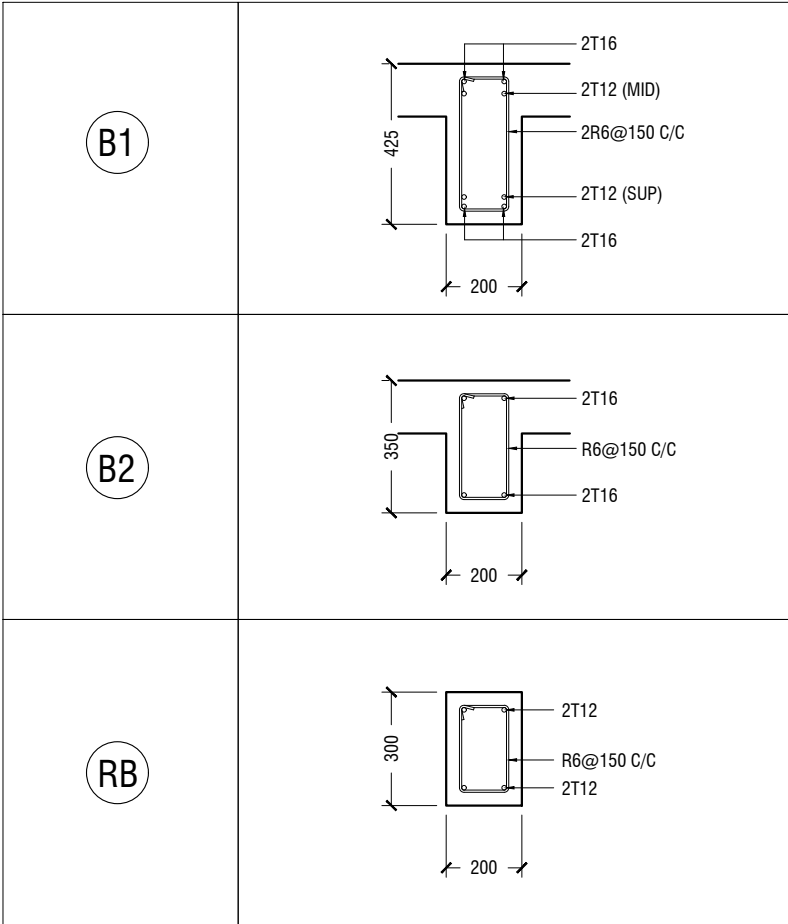


COLUMN DETAIL

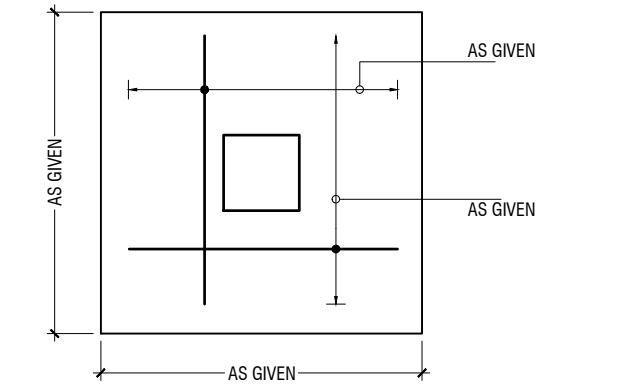
STRUCTURAL DETAILS



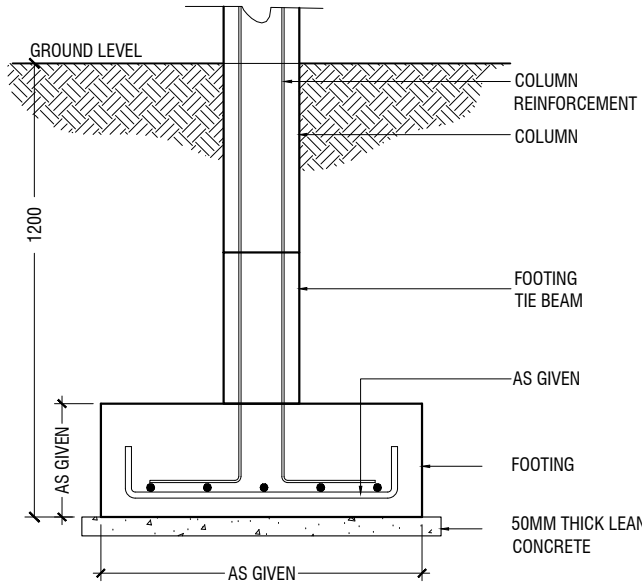
MAIN STAIRCASE REINFORCEMENT DETAIL



BEAM DETAIL



PLAN



SECTION

FOOTING DETAILS

V.Keyodhoo School Hall  
Client: Ministry of Education

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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Title: Structural Details

Page: S-11/11

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