

# Proposed Multipurpose Hall Building at Addu High School

Client: Ministry of Education



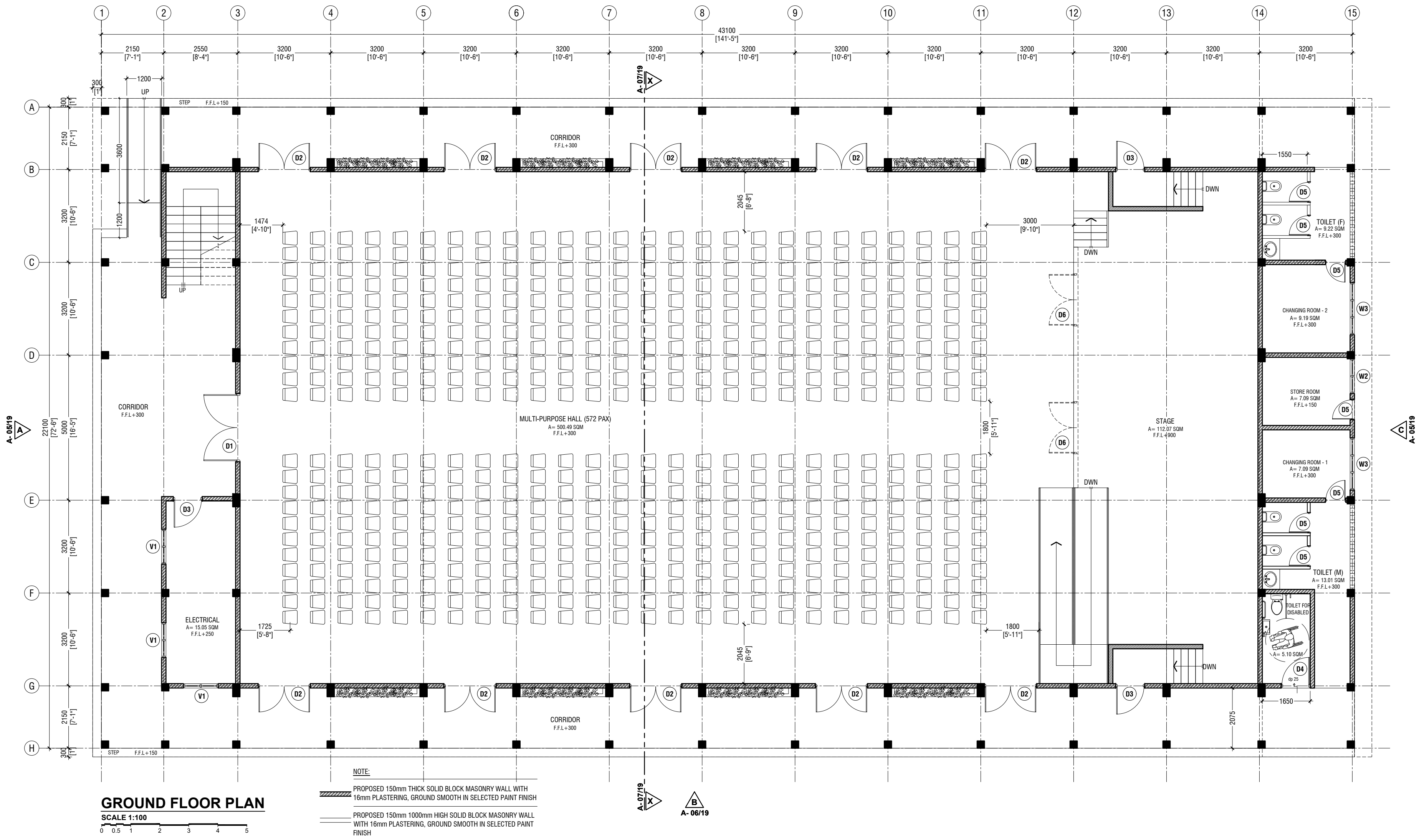
RIYAN PRIVATE LIMITED

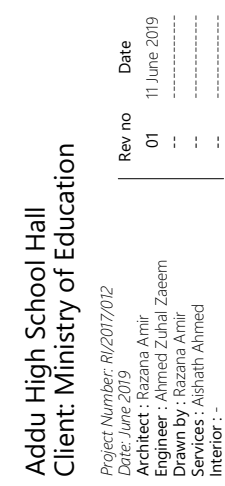
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w : www.riyan.com.mv

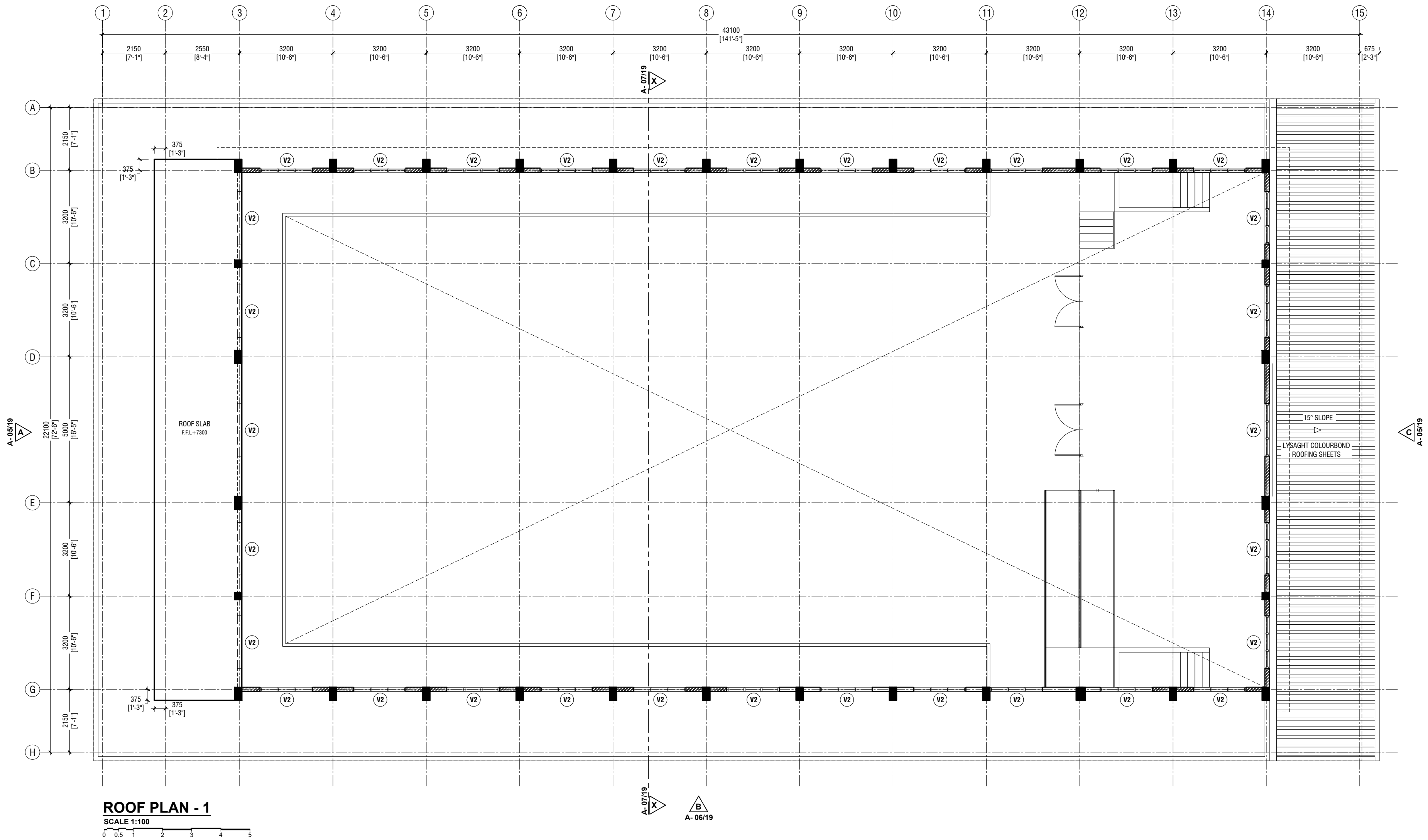
3rd floor, H. Azum, Ammeenemogu, Male'

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**Addu High School Hall**  
**Client: Ministry of Education**

Rev no	Date
01	11 June 2019
02	11 June 2019
03	11 June 2019
04	11 June 2019
05	11 June 2019
06	11 June 2019
07	11 June 2019
08	11 June 2019
09	11 June 2019
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100	11 June 2019

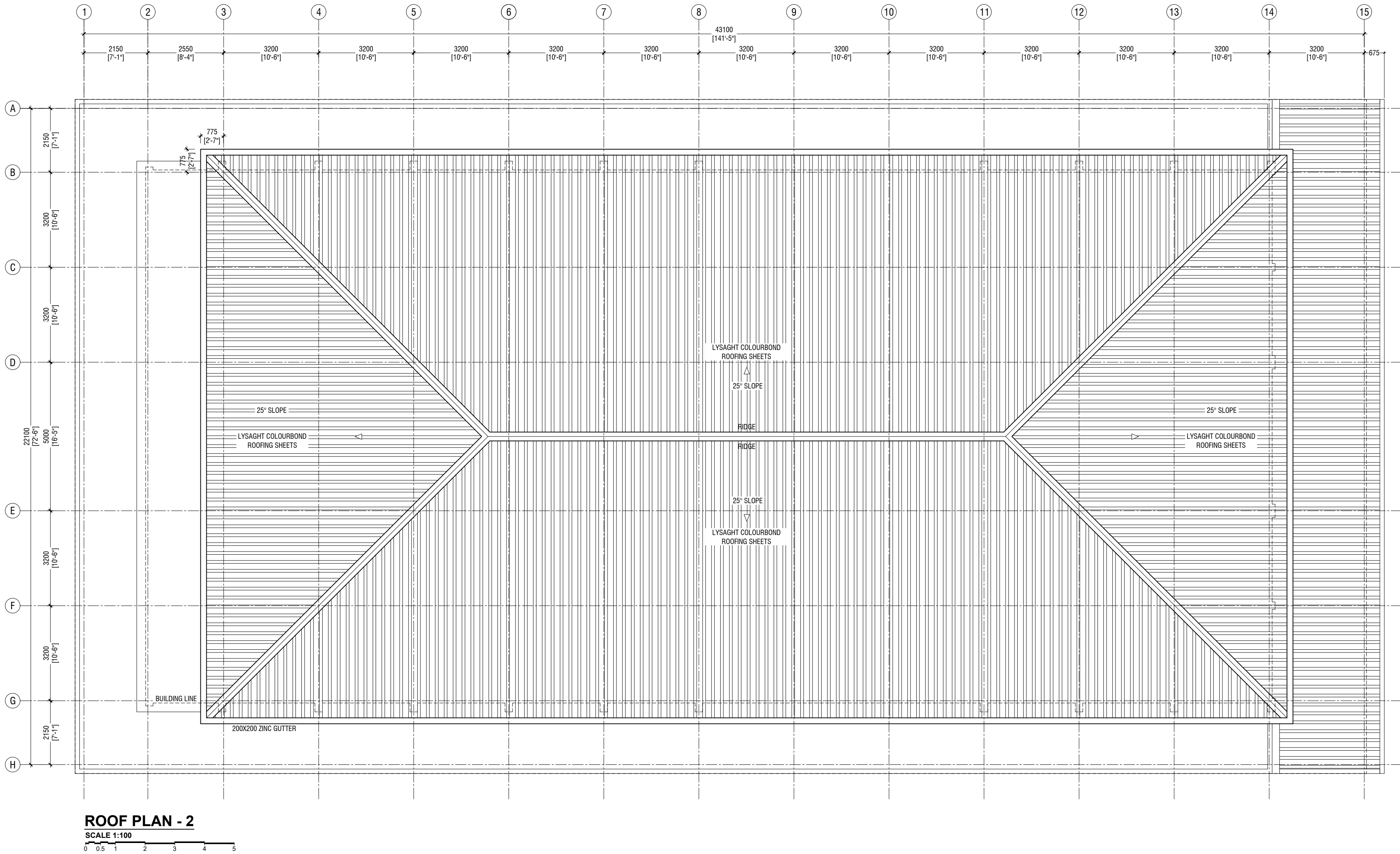


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W: www.ryan.com.mv  
3rd Floor, H. Azum, Amarammugha, Male

Title: Roof Plan - 1

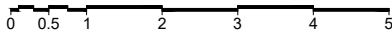
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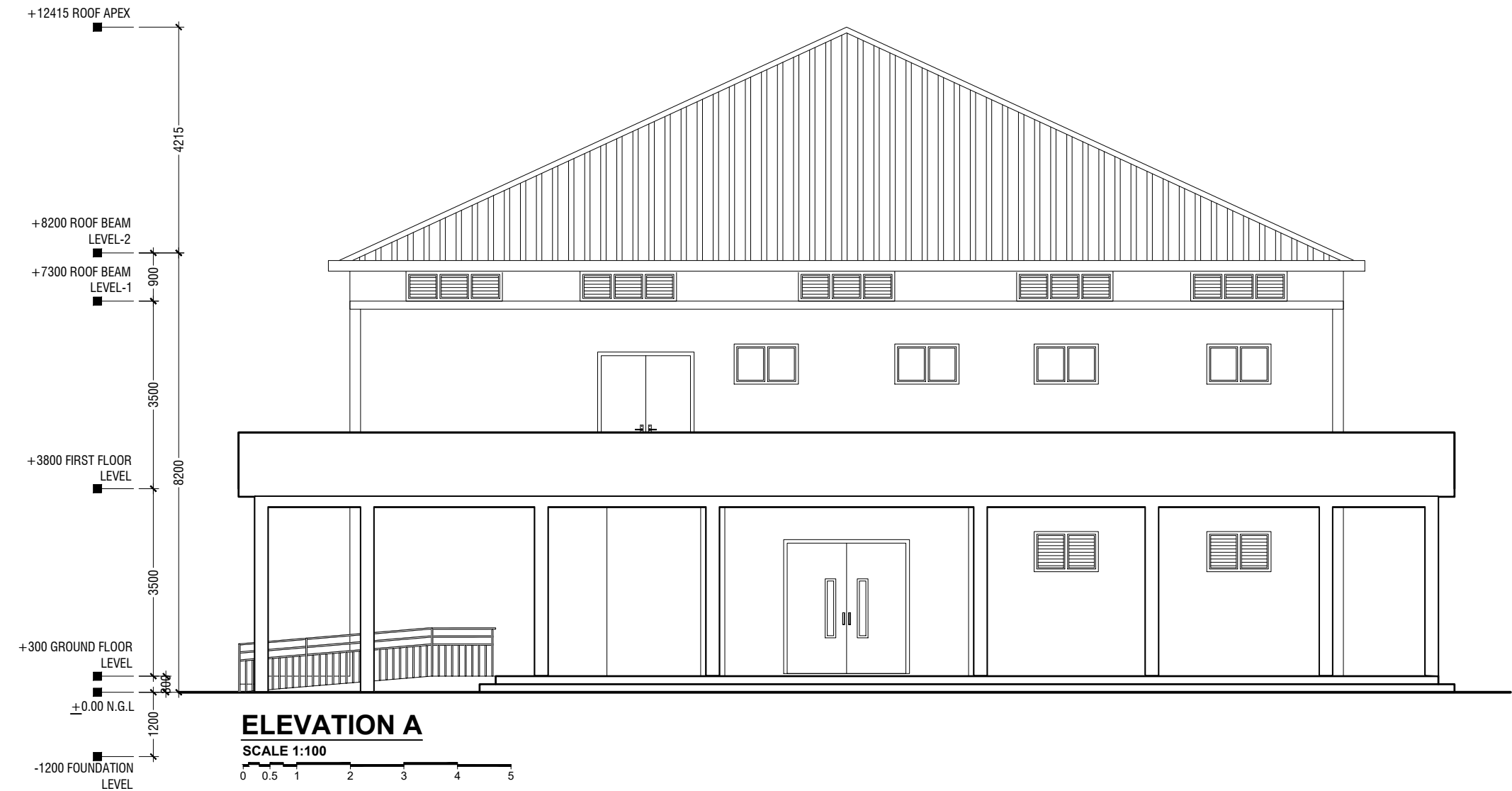
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ROOF PLAN - 2

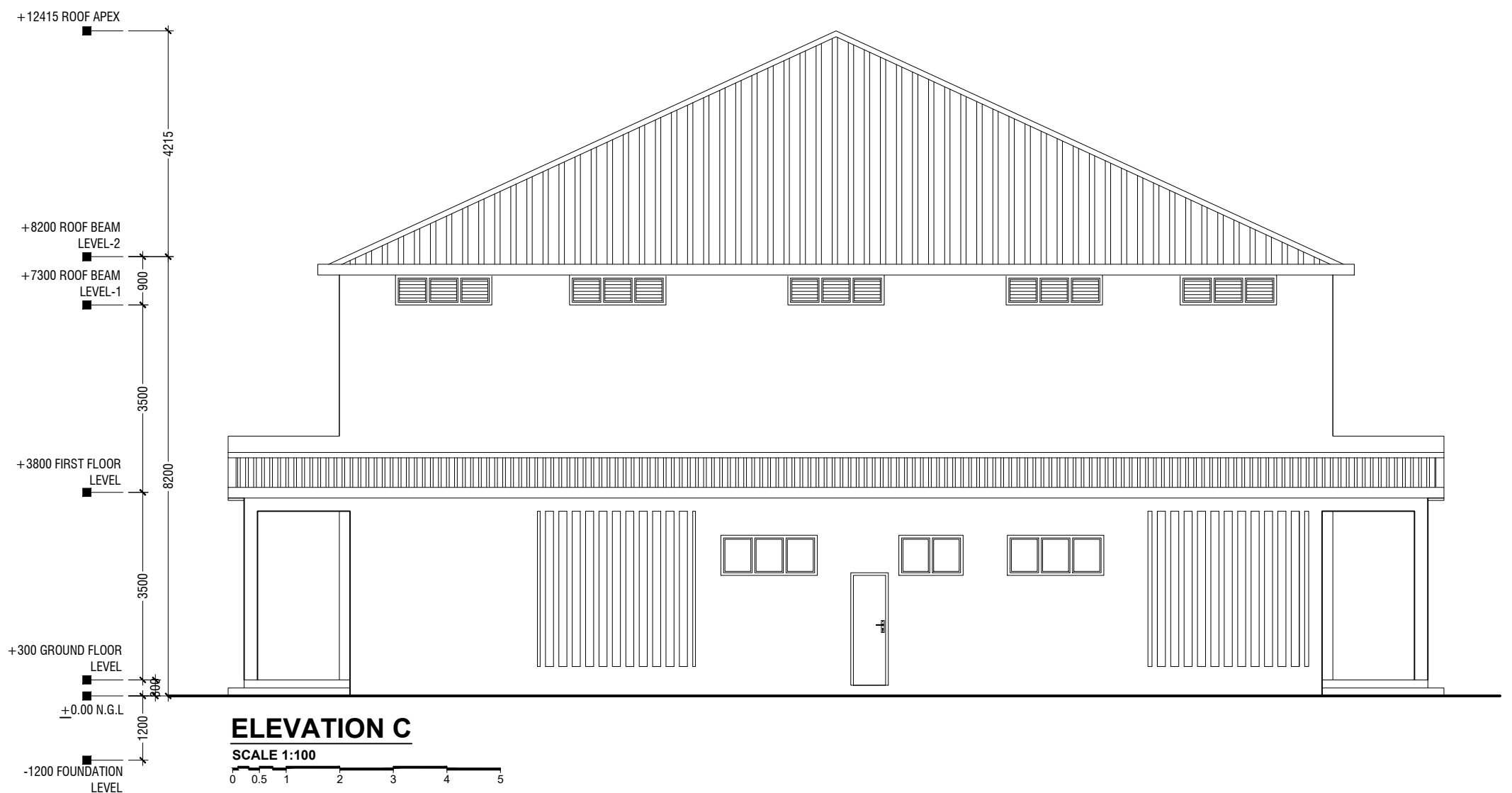
SCALE 1:100





**ELEVATION A**

SCALE 1:100



**ELEVATION C**

SCALE 1:100

Addu High School Hall  
Client: Ministry of Education

Project Number	Rev no	Date
RI/2017/012	01	11 June 2019
Architect: Razana Amir	--	-----
Engineer: Ahmed Z. J. Al. Zaim	--	-----
Drawn by: Razana Amir	--	-----
Services: Alhadi Alhadi	--	-----



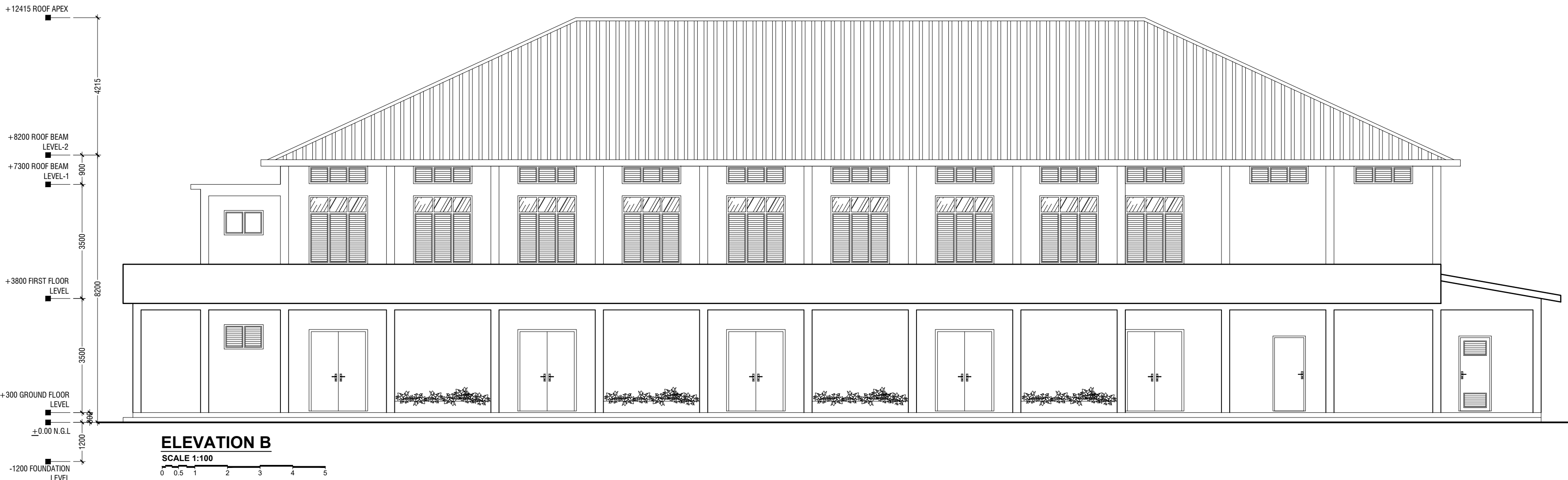
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Title: Elevation A & C

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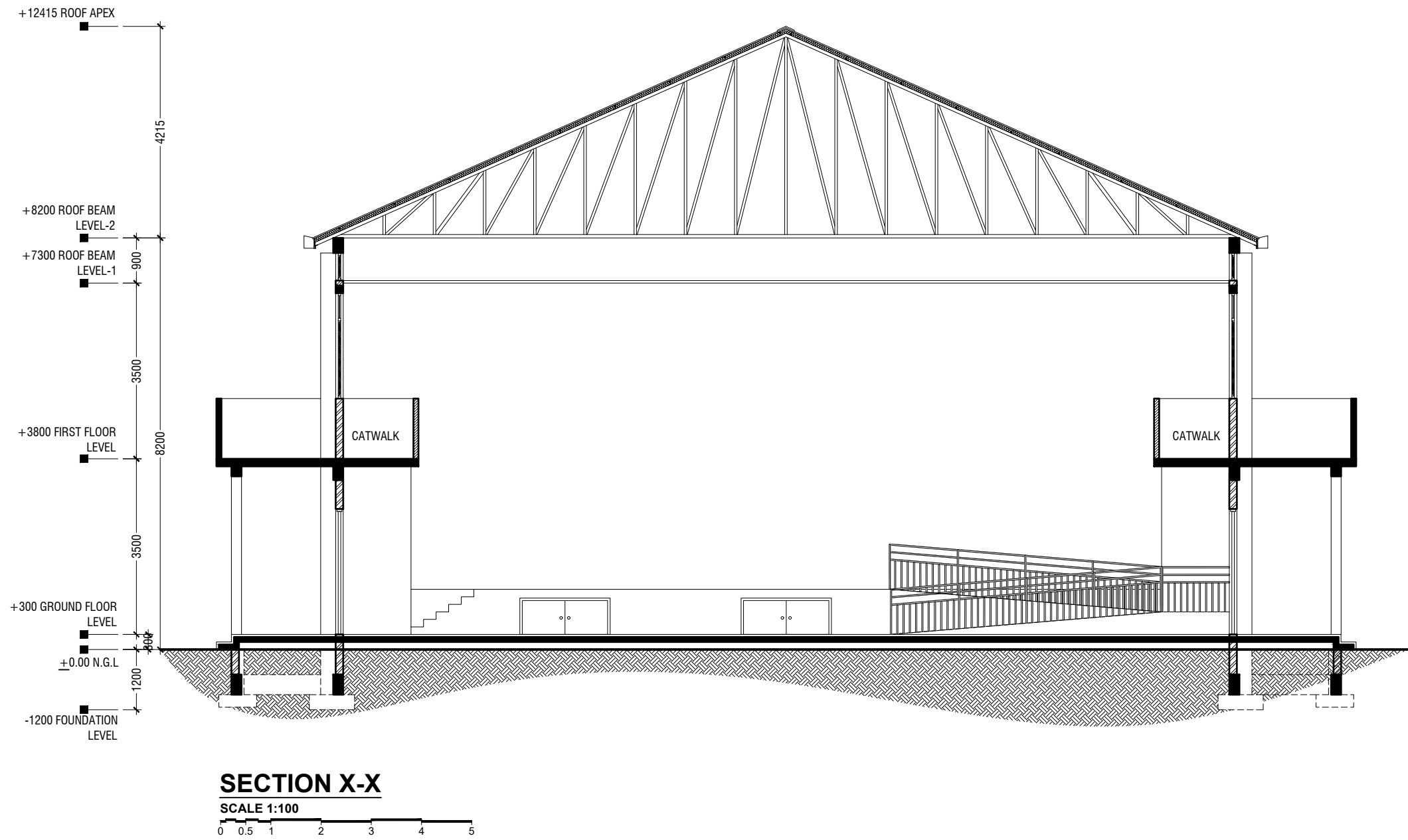
**ELEVATION B**  
SCALE 1:100

Addu High School Hall  
Client: Ministry of Education

Project Number	Rev no	Date
RI/2017/012	01	11 June 2019
Drawn by : Razana Amir	--	-----
Engineer : Ahmed Z. Jilal Zaeem	--	-----
Services : Razana Amir	--	-----
Director :	--	-----

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





Addu High School Hall  
Client: Ministry of Education

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

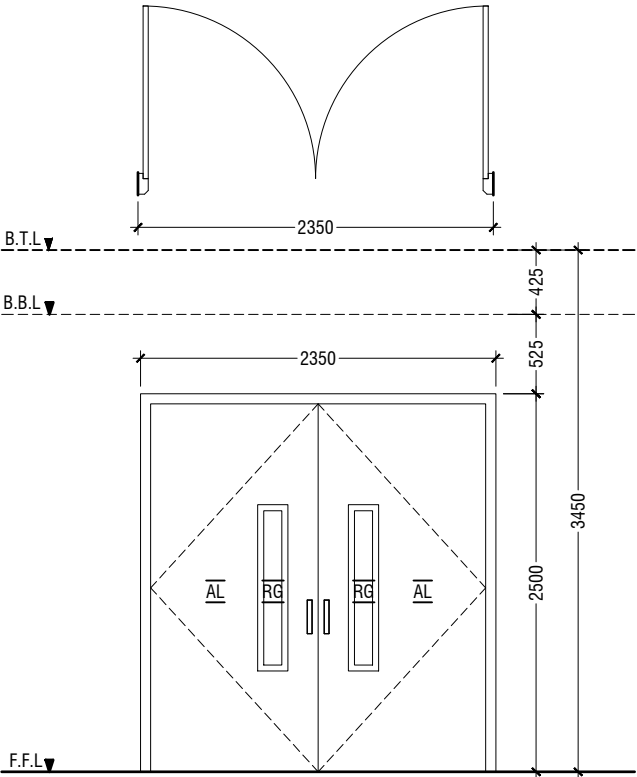


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3rd floor, H. Azum, Ameeremogga, Male

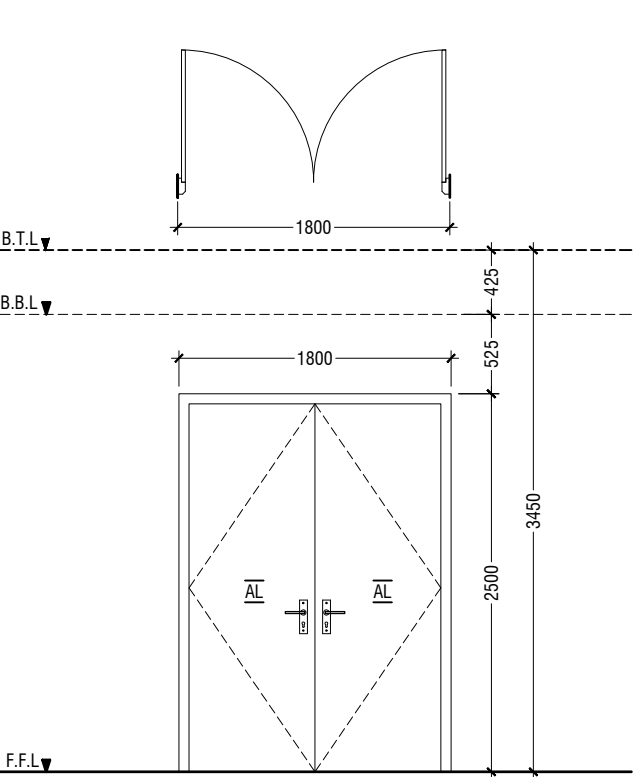
Title: Section X-X

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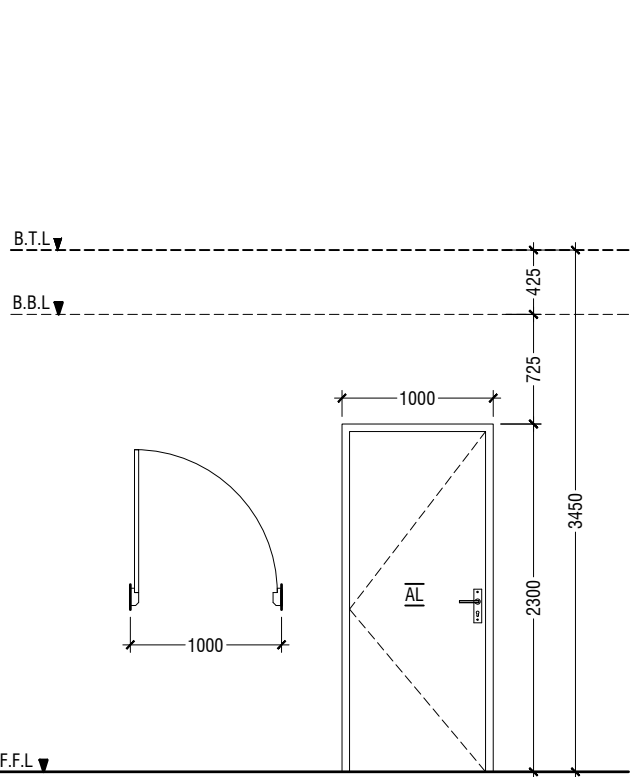
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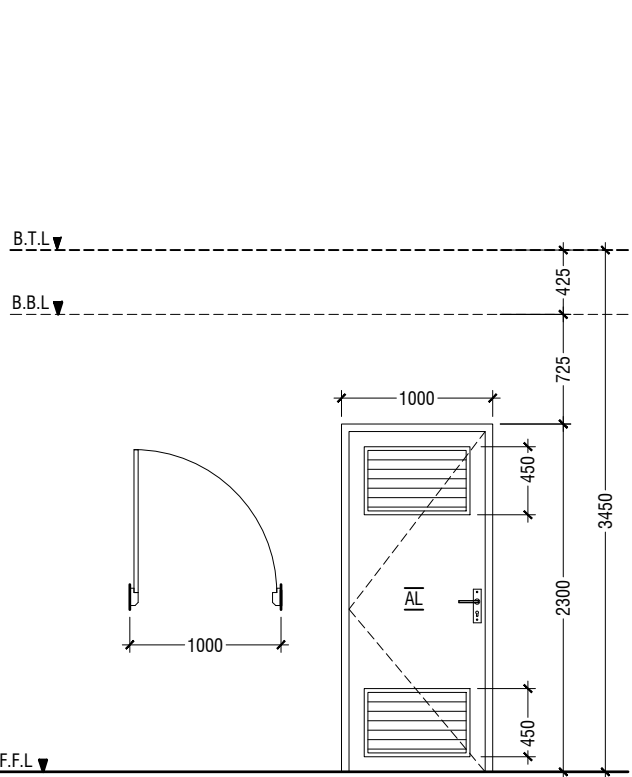
D1	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL GLASS ON PANEL : 6mm THK REFLECTIVE GLASS
LOCATION	HALL MAIN ENTRANCE
QUANTITY	01 NOS
OPEN AREA	5.39 sqm



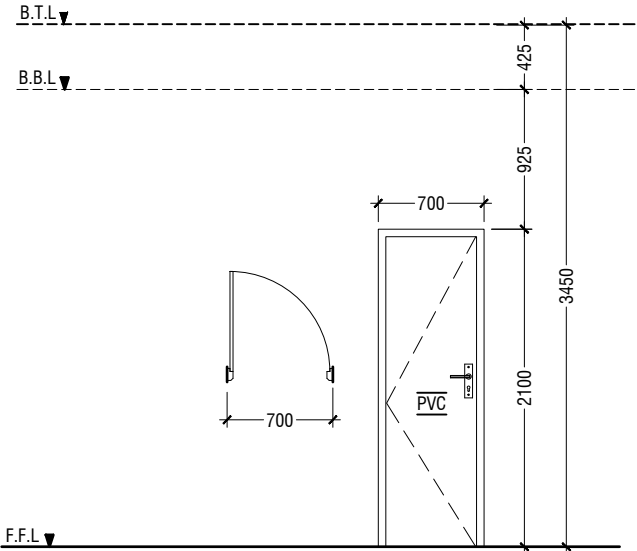
D2	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	HALL ENTRANCE
QUANTITY	12 NOS
OPEN AREA	4.05 sqm



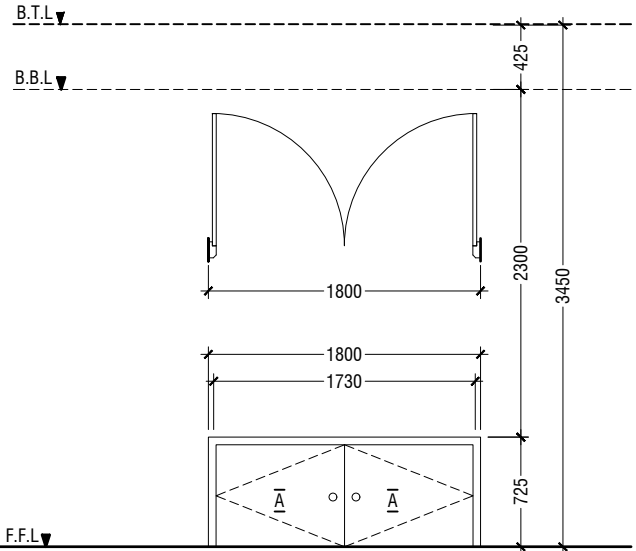
D3	SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	STAGE, CONTROL ROOM & STORE ROOM
QUANTITY	05 NOS
OPEN AREA	2.03 sqm



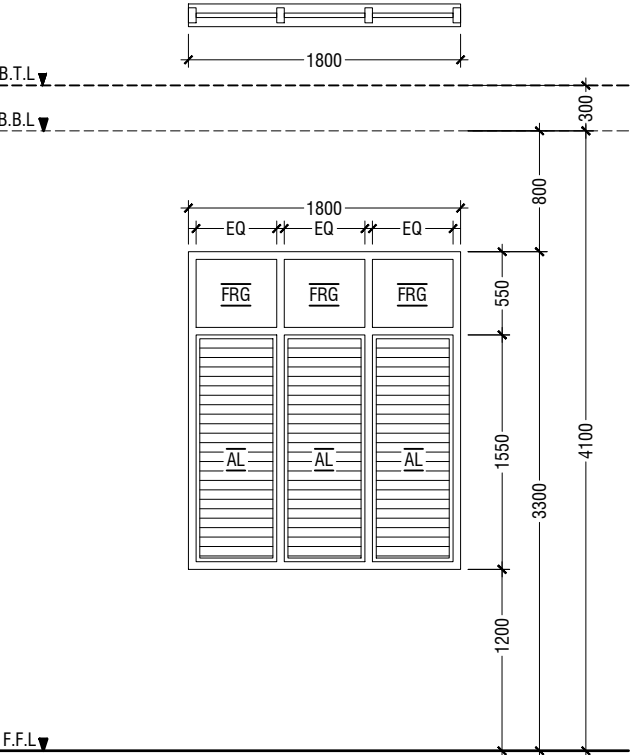
D4	SWING DOOR WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND ALUMINIUM LOUVERS
LOCATION	DISABLED TOILET
QUANTITY	01 NOS
OPEN AREA	2.03 sqm



D5	PVC SWING DOOR
REMARKS	PVC 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

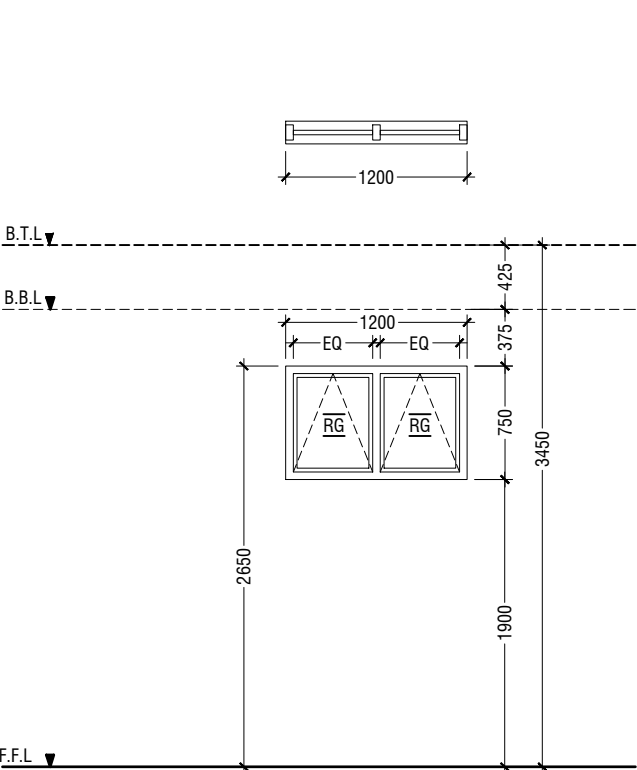


W1	WINDOW WITH FIXED GLASS & ALUMINUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS AND 6mm THICK REFLECTED FIXED GLASS PANELS
LOCATION	HALL
QUANTITY	18 NOS
OPEN AREA	2.40 sqm

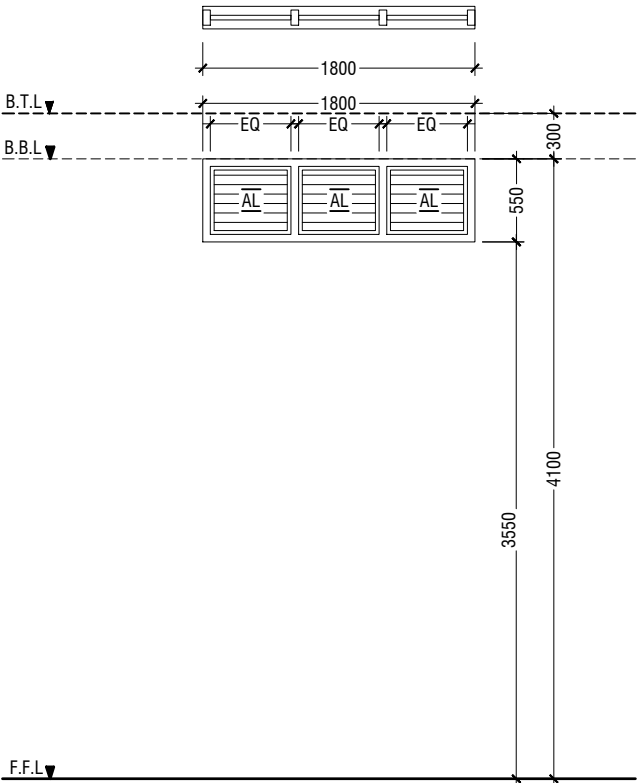
LEGEND:  
FCG - FIXED CLEAR GLASS  
FRG - FIXED REFLECTED GLASS  
RG - REFLECTED GLASS  
AL - ALUMINIUM  
PVC - POLYVINYL CHLORIDE

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.

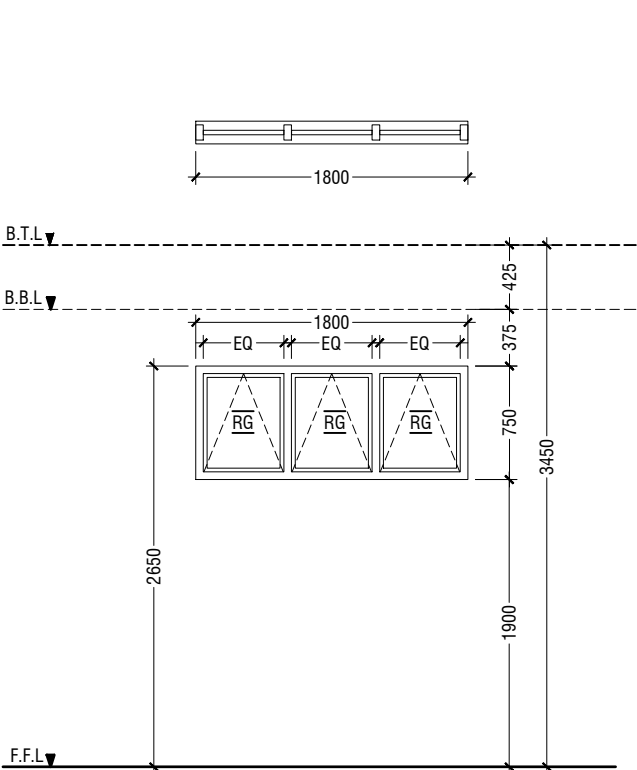
**DOOR / WINDOW SCHEDULE - 1**  
**SCALE 1:50**  
0 0.25 0.5 1 1.5 2 2.5



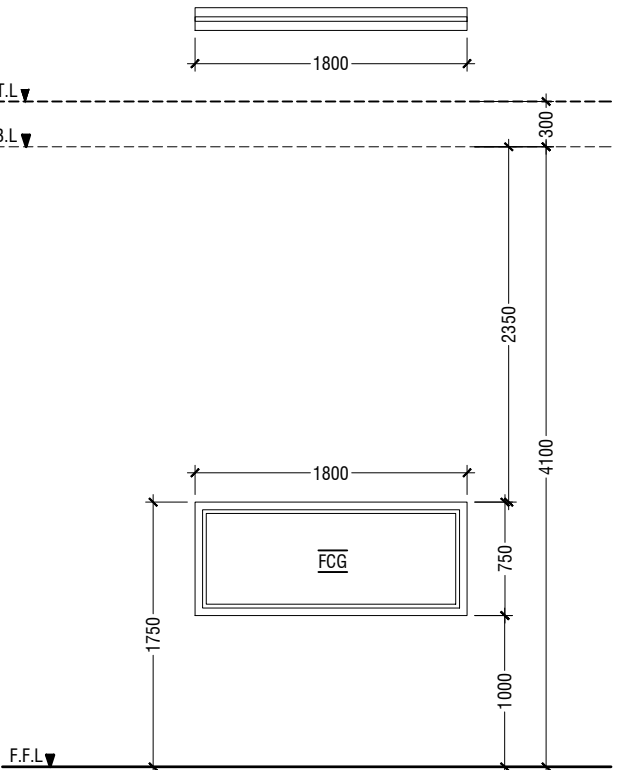
W2	TOP HUNG WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	STORE ROOM
QUANTITY	06 NOS
OPEN AREA	0.68 sqm



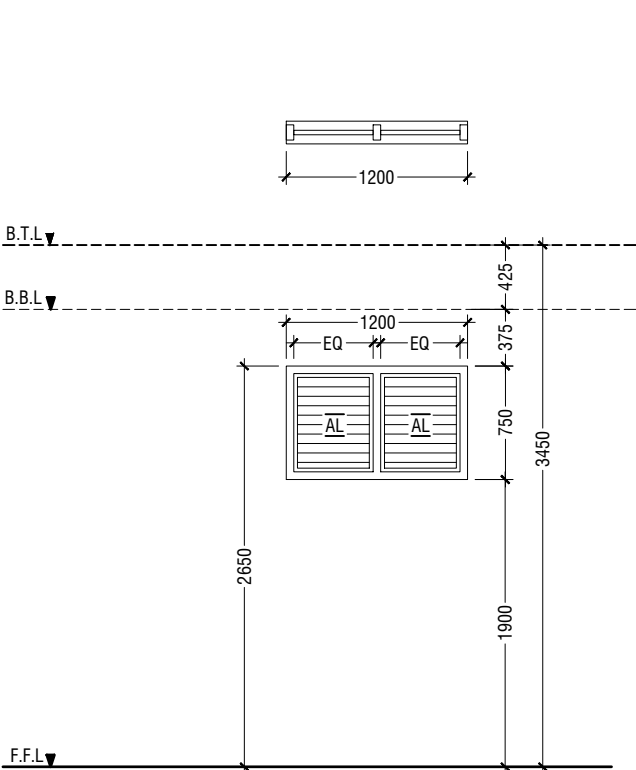
V2	WINDOW WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS
LOCATION	ABOVE HALL CEILING
QUANTITY	32 NOS
OPEN AREA	0.72 sqm



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 FOR ADDU HIGH 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, 10*D2 & 18*W1	39.40	89.09	22.61%
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.  
- 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

Addu High School Hall  
Client: Ministry of Education



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

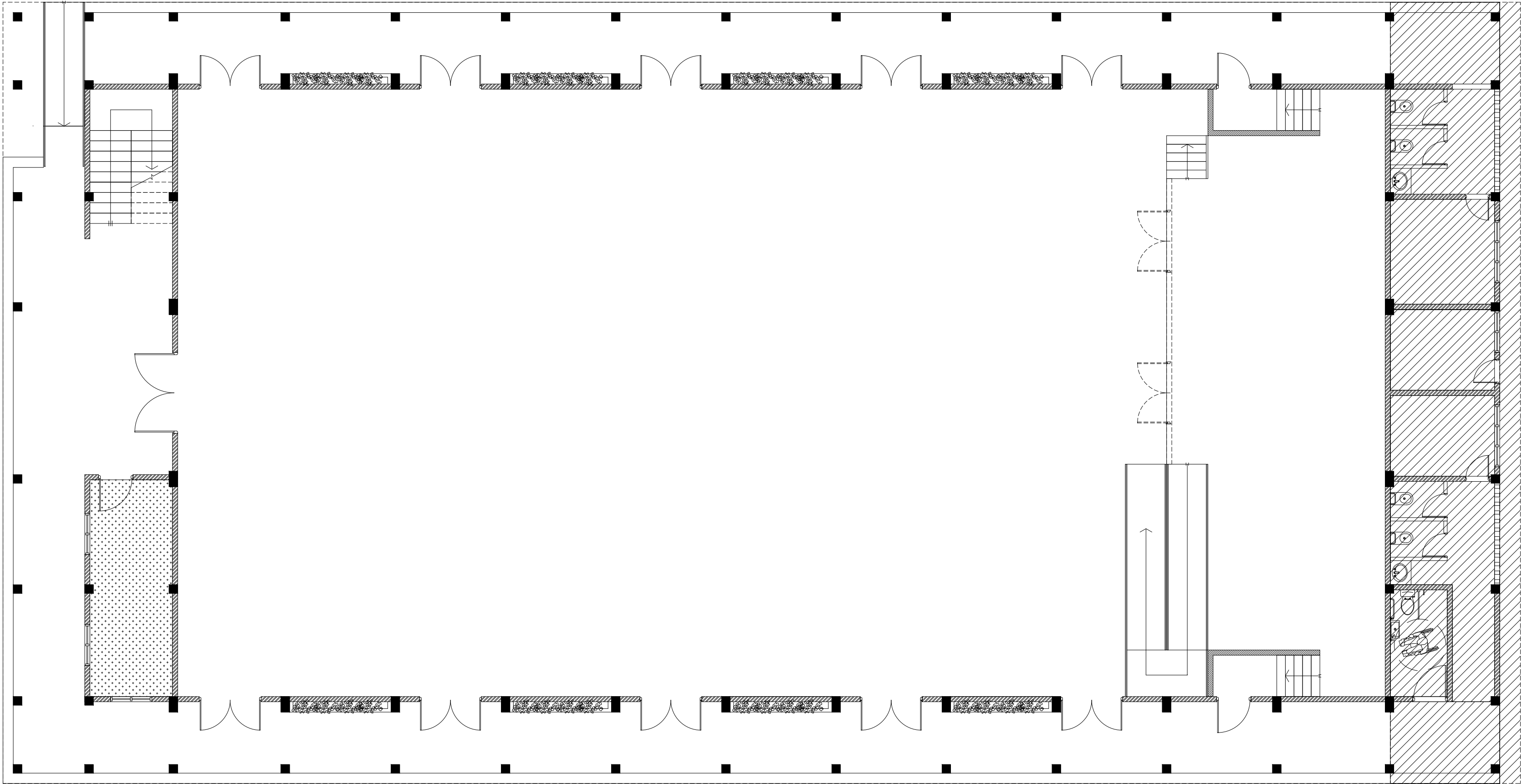
Title: Door / Window  
Schedule - 2

Page: A-09/19

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

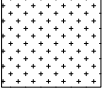

Rev no	Date
01	11 June 2019
-	-
-	-
-	-

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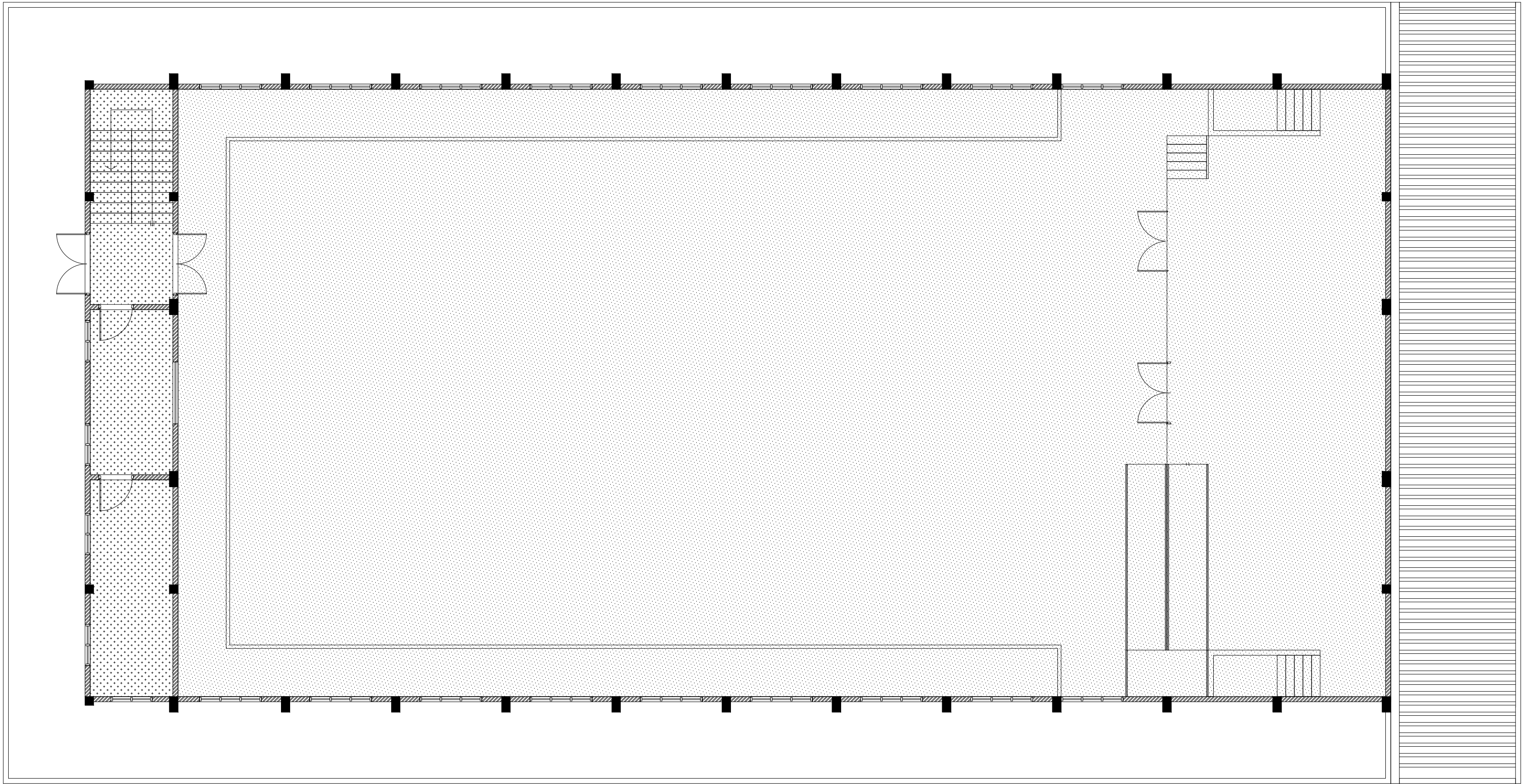


**GROUND FLOOR  
REFLECTED CEILING PLAN**

SCALE 1:100  
0 0.5 1 2 3 4 5

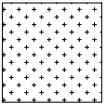

LEGEND	
CODE	DESCRIPTION
	EXPOSED SLAB SOFFIT TO BE FINISHED WITH GROUND SMOOTH FINISH IN SELECTED PAINT
	CEMENT BOARD CEILING



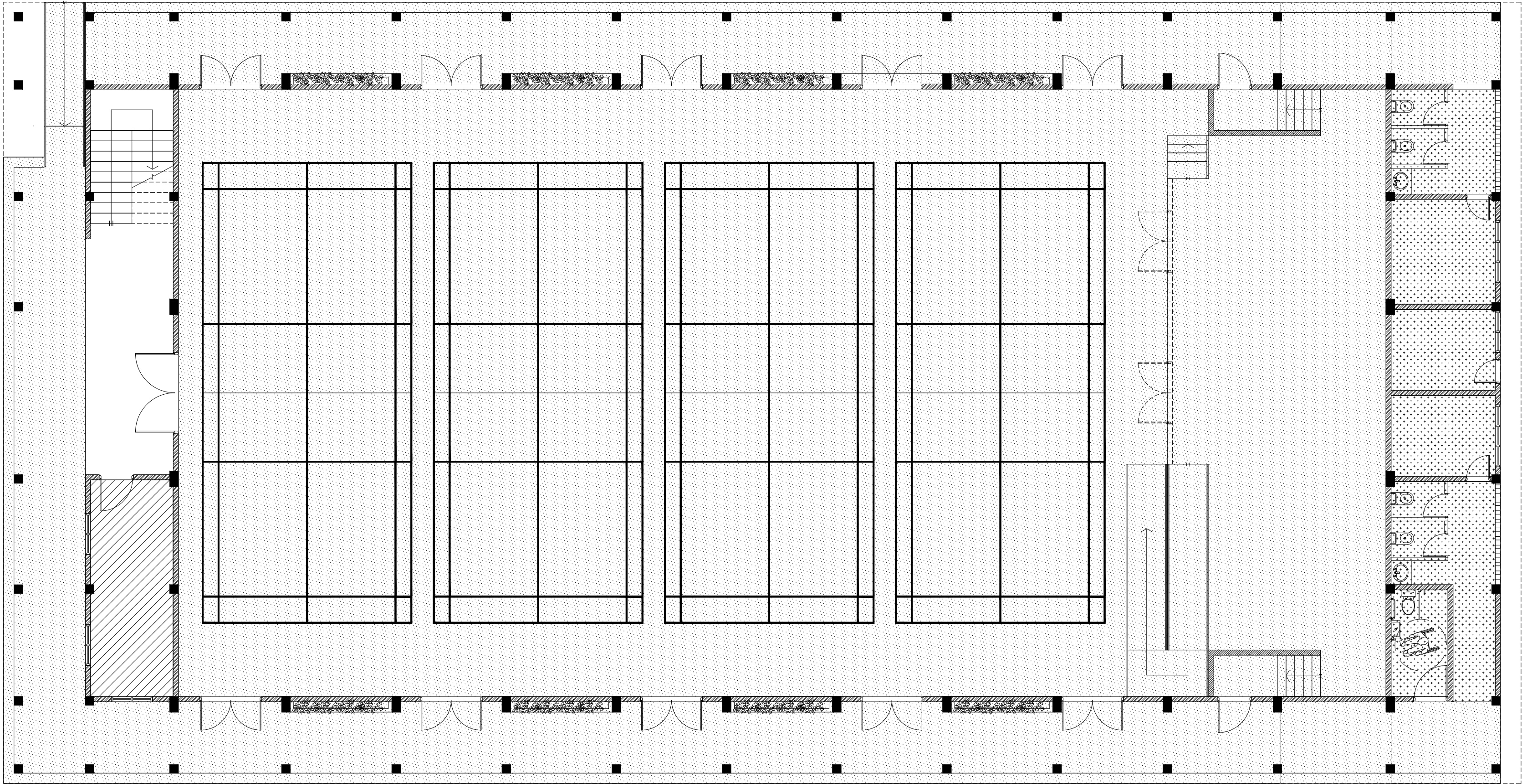


FIRST FLOOR  
REFLECTED CEILING PLAN

SCALE 1:100

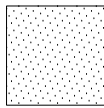
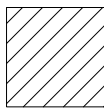
LEGEND	
CODE	DESCRIPTION
	EXPOSED SLAB SOFFIT TO BE FINISHED WITH GROUND SMOOTH FINISH IN SELECTED PAINT
	SUSPENDED ACOUSTIC CEILING SYSTEM WITH ALUMINUM FRAMING CEILING HEIGHT : +7300mm





**GROUND FLOOR  
FLOOR FINISHES PLAN**

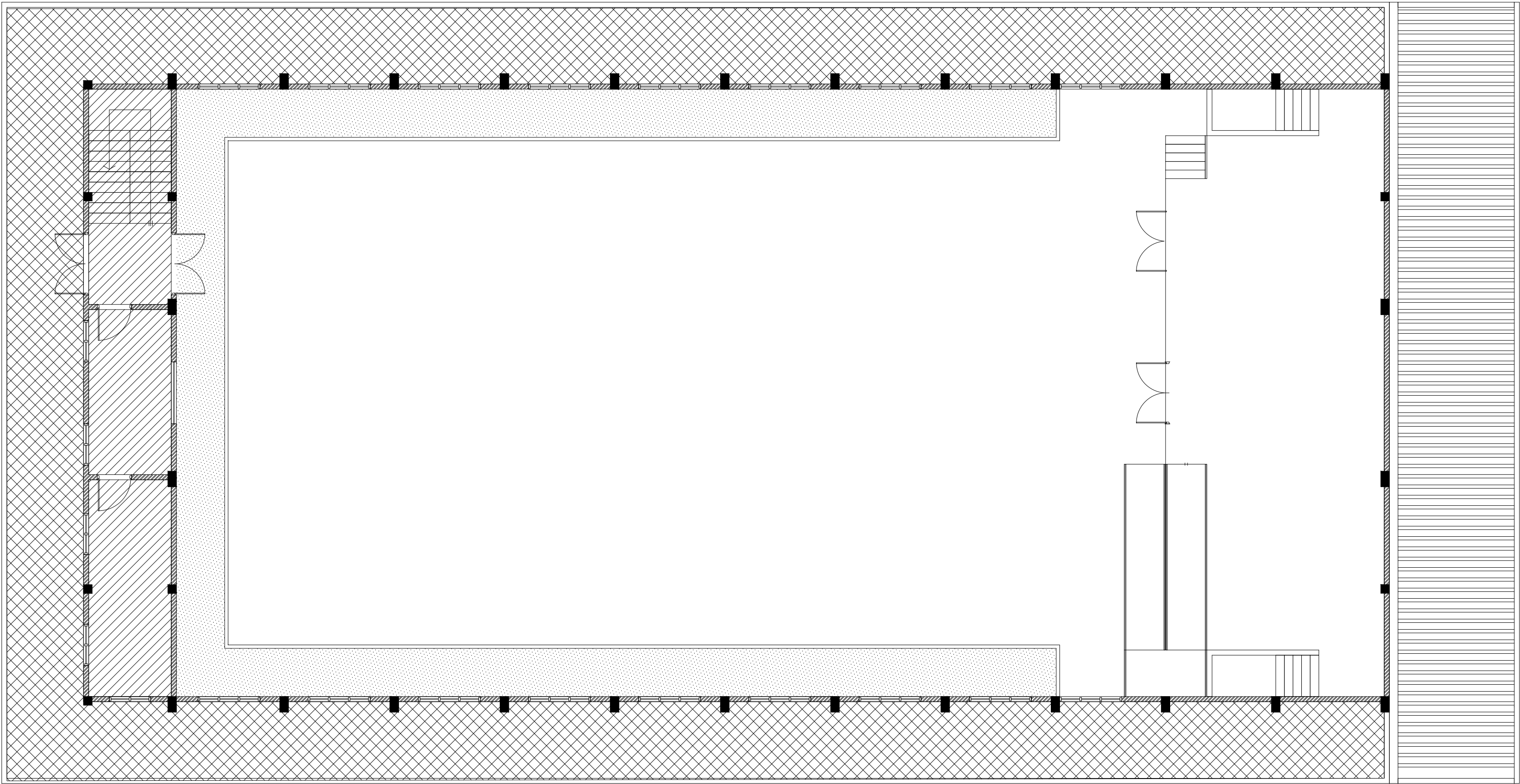
SCALE 1:100  
0 0.5 1 2 3 4 5

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

Rev no		Date
01	11 June 2019	
Project Number: RI/2017/012		
Client: Ministry of Education		
Architect: Razana Amir		
Engineer: Ahmed Z. J. Al-Zahrani		
Drawn by: Razana Amir		
Services: Architect		



**FIRST FLOOR  
FLOOR FINISHES PLAN**

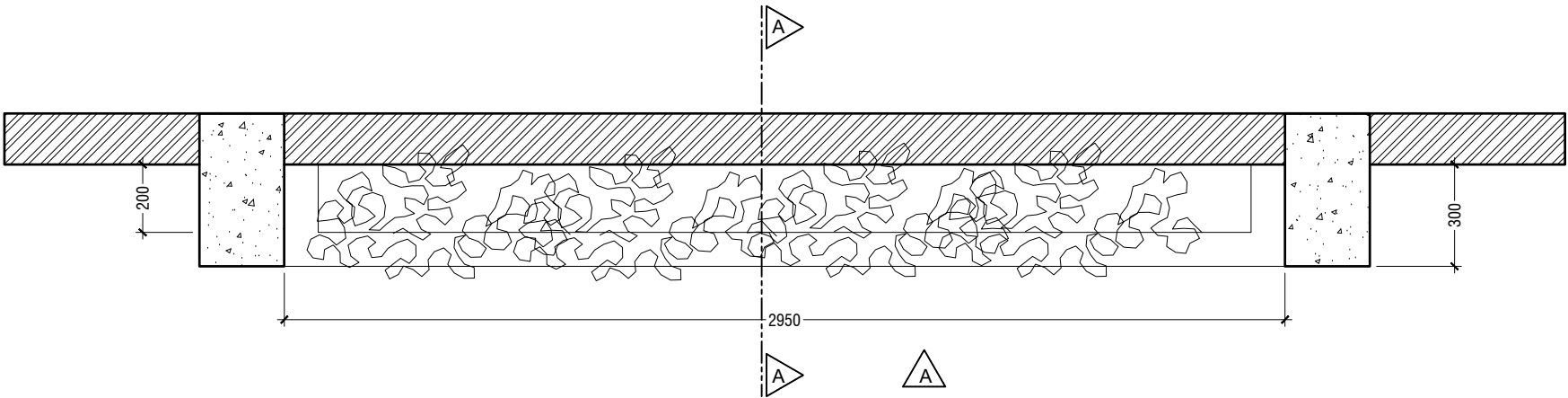
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**LEGEND**

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

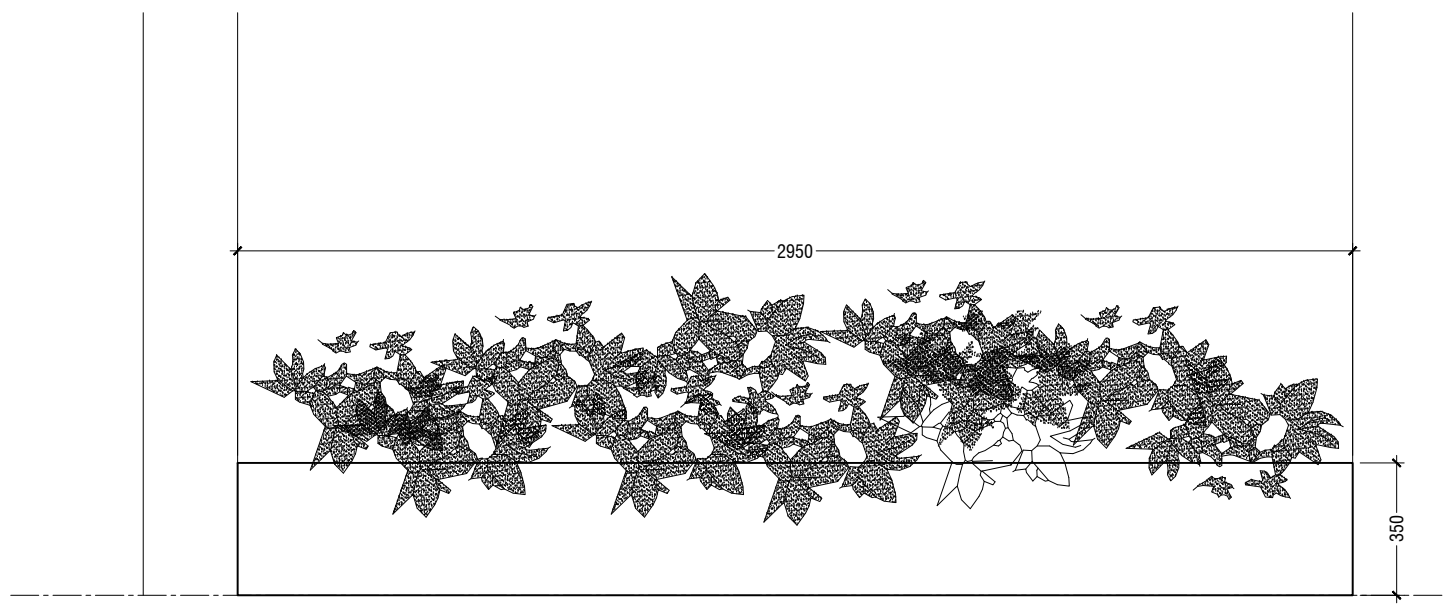
	SELF LEVELLING CEMENT FLOOR SCREED WITH BITUMINOUS WATERPROOFING AGENT
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**PLAN**  
SCALE 1:20

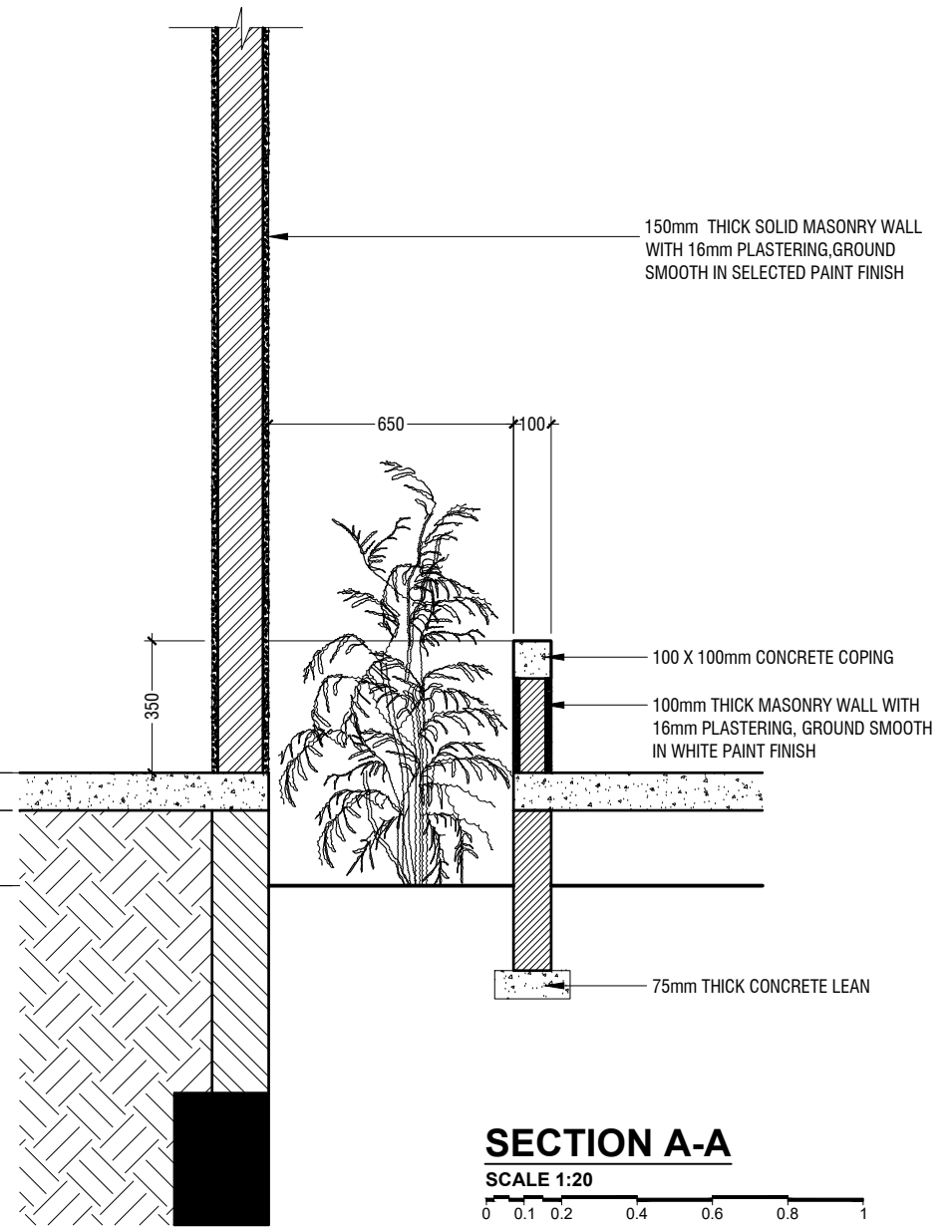
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**ELEVATION A**  
SCALE 1:20

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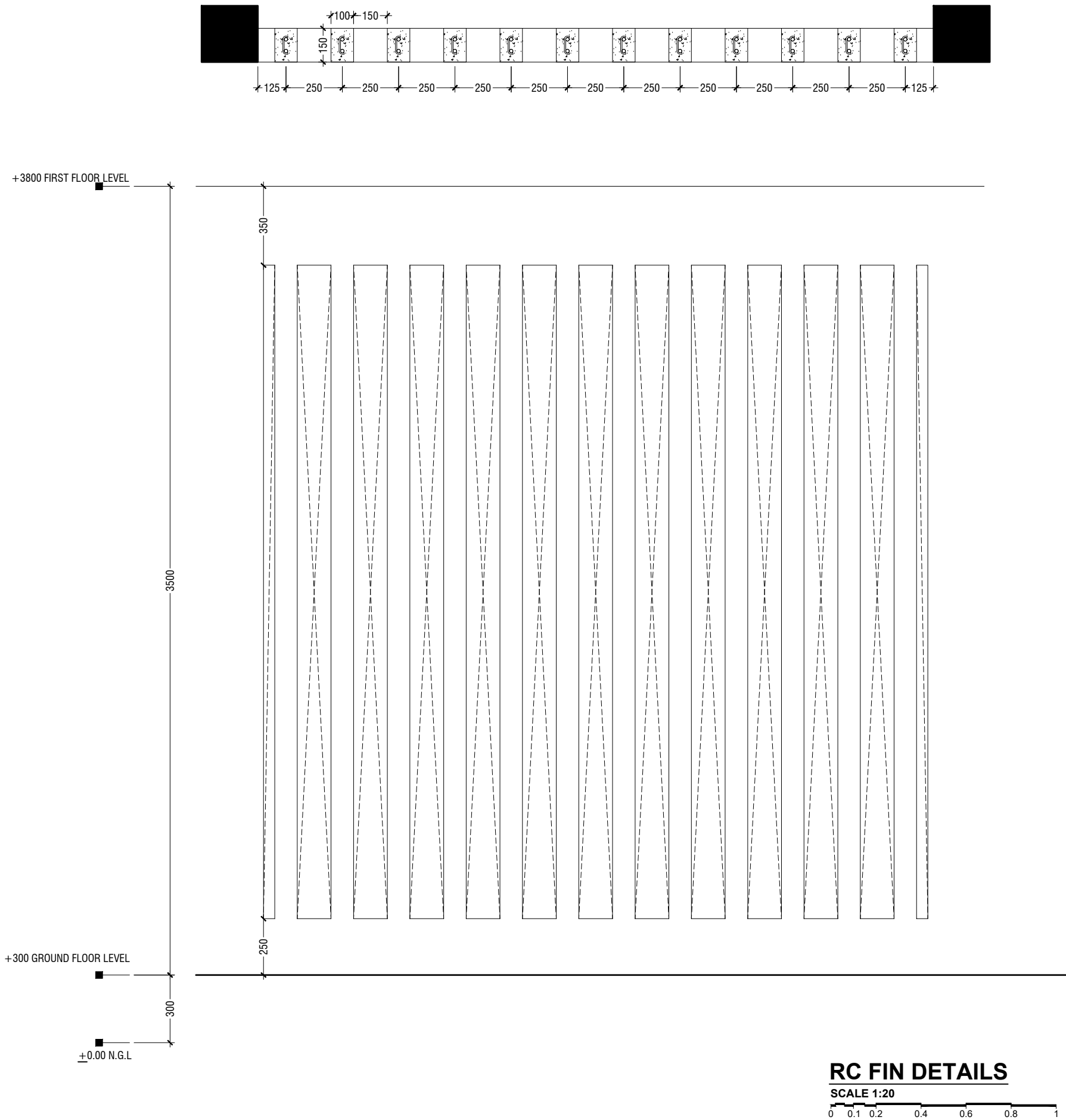
**PLANTER BOX DETAILS**

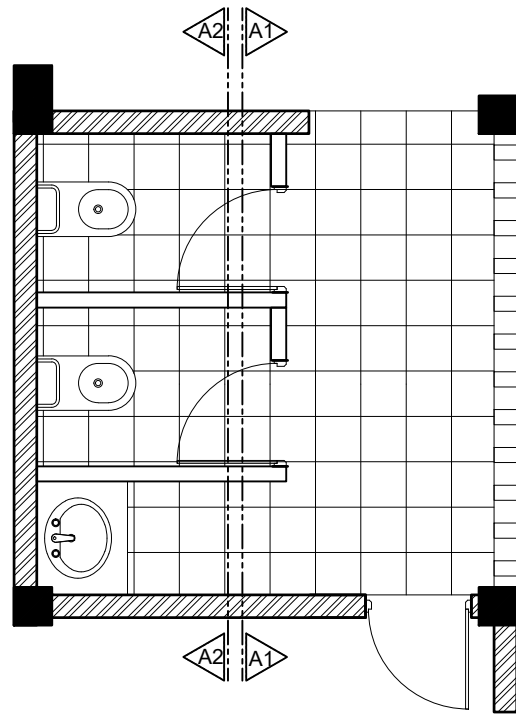


**SECTION A-A**  
SCALE 1:20

0 0.1 0.2 0.4 0.6 0.8 1

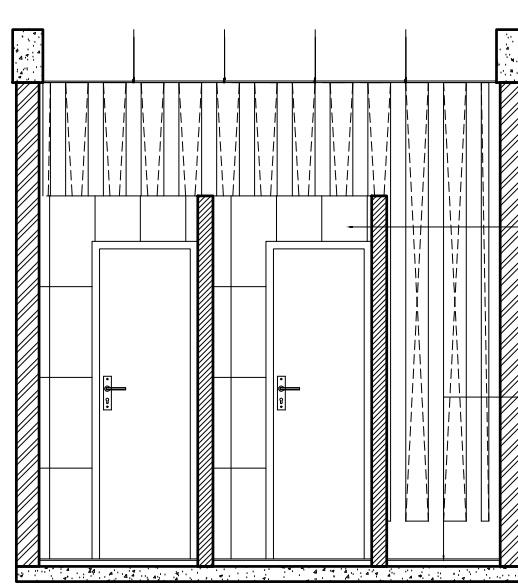






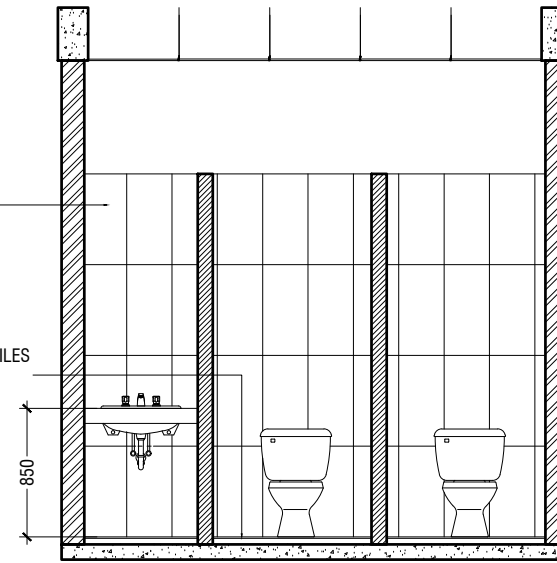
**TYPICAL TOILET PLAN**

SCALE 1:50  
0 0.25 0.5 1 1.5 2 2.5



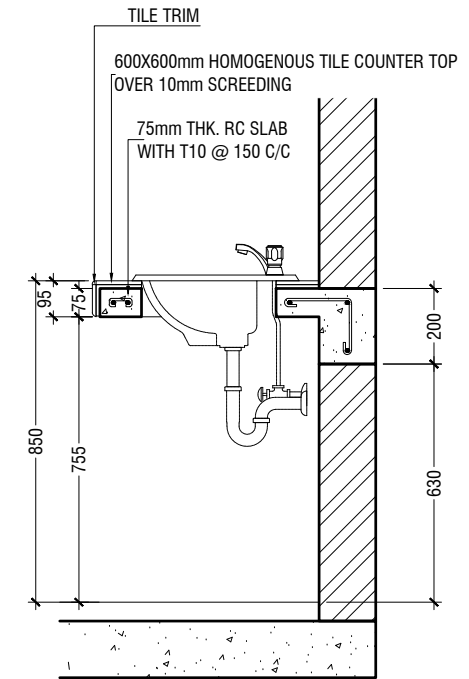
**SECTION A1-A1**

SCALE 1:50  
0 0.25 0.5 1 1.5 2 2.5



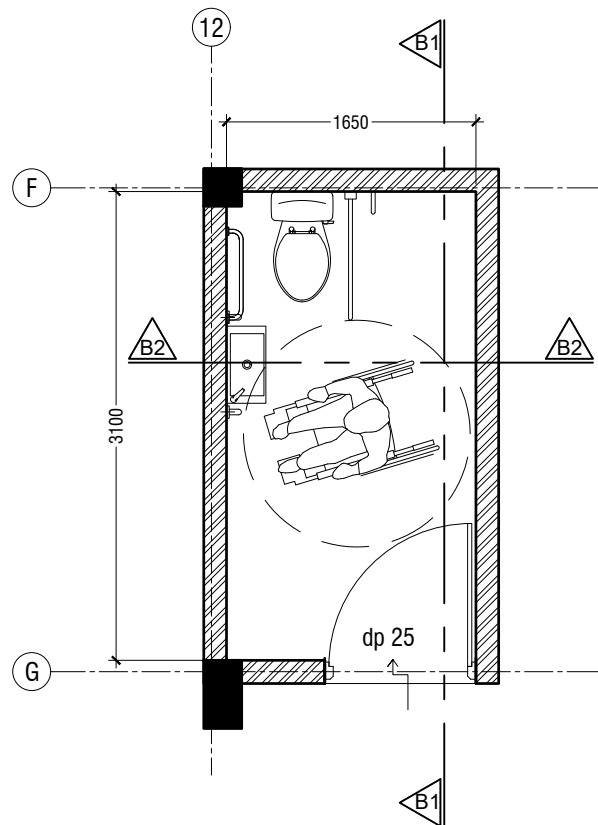
**SECTION A2-A2**

SCALE 1:50  
0 0.25 0.5 1 1.5 2 2.5



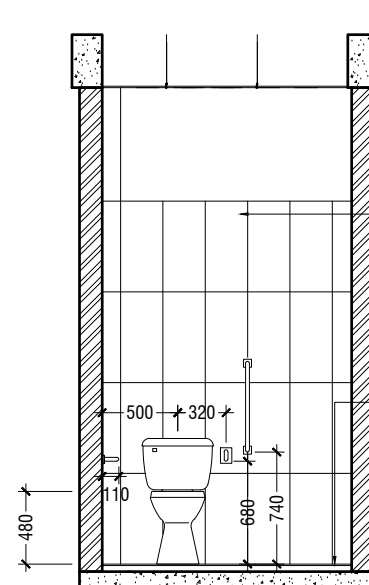
**COUNTER TOP DETAILS**

SCALE 1:20  
0 0.1 0.2 0.4 0.6 0.8 1



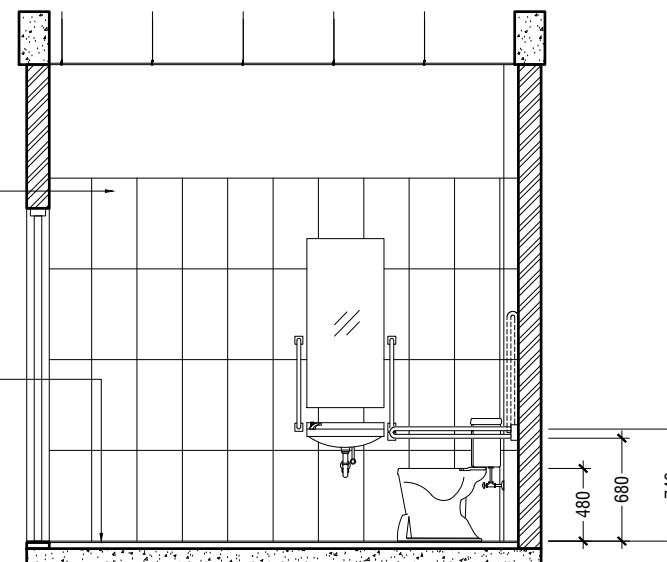
**TOILET FOR PERSONS WITH DISABILITIES PLAN**

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



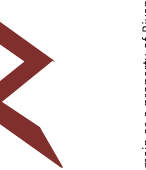
**SECTION B2-B2**

SCALE 1:50  
0 0.25 0.5 1 1.5 2 2.5

Addu High School Hall  
Client: Ministry of Education

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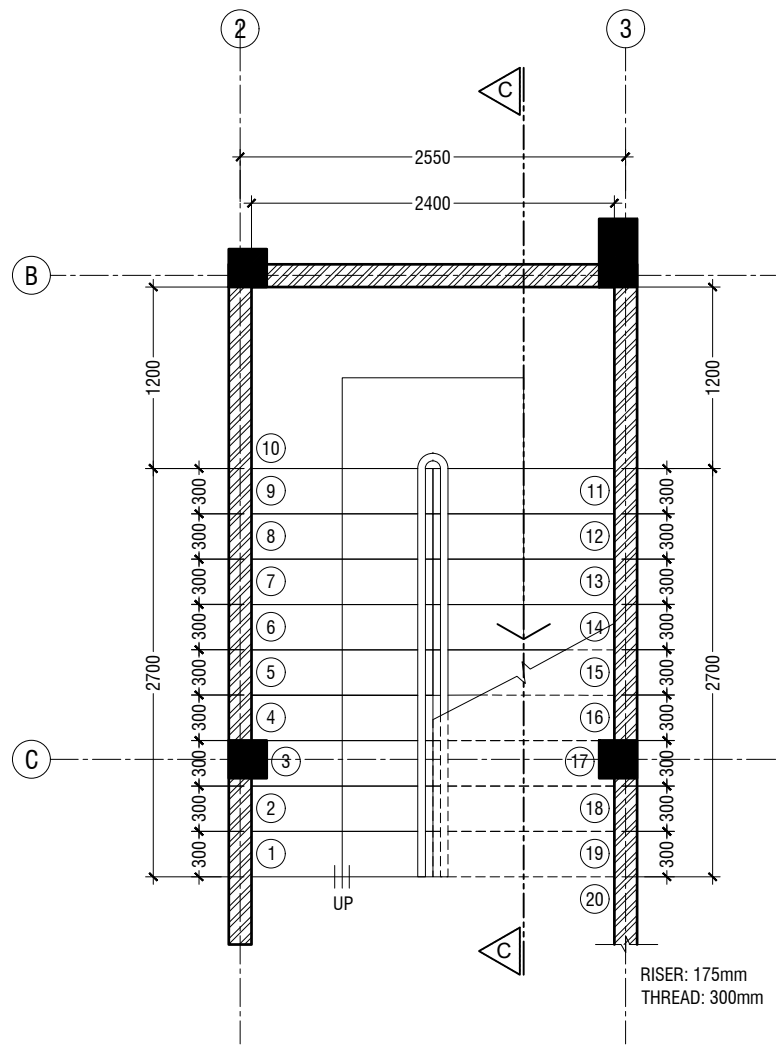
Project Number: RI/2017/012  
Date: June 2019  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zaeem  
Drawn by: Razana Amir  
Services: Alshahid Ahmed  
Interior: -



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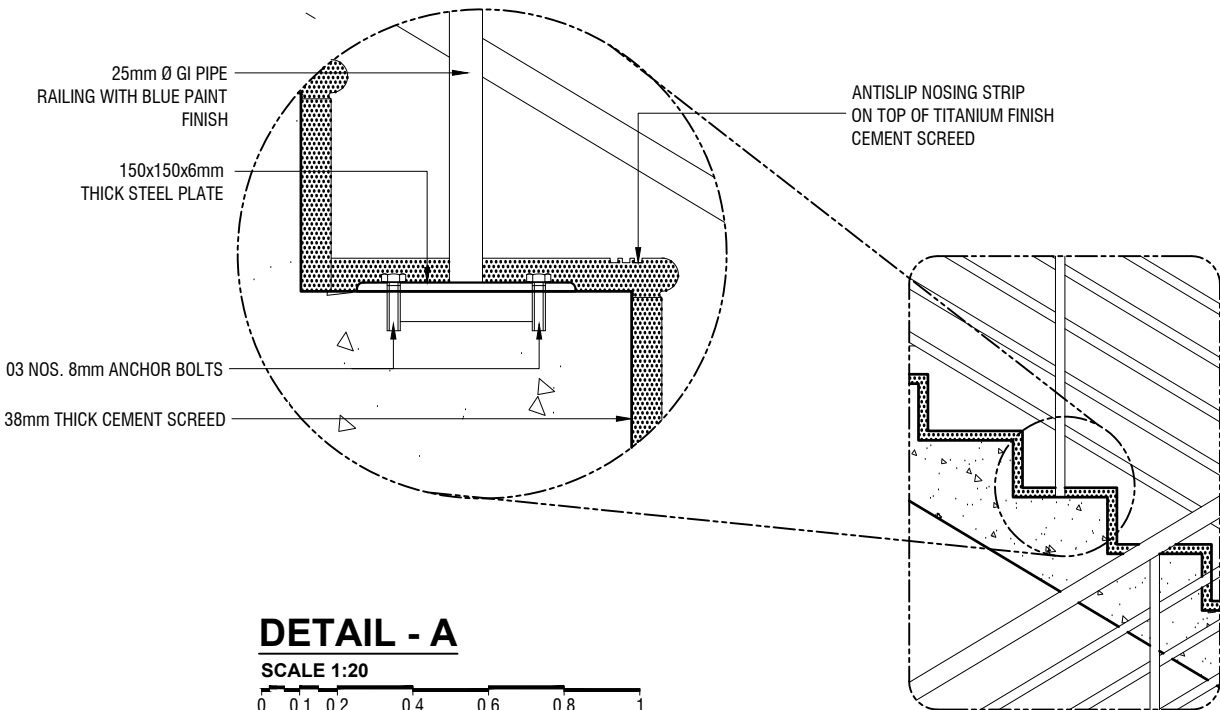
t: +9603315049 f: +9603310776  
e: info@ryan.com.mv  
w: www.ryan.com.mv  
3rd floor, H. Azum, Ammeenemagu, Male'

Title: Toilet details



# MAIN STAIRCASE PLAN

SCALE 1:50



# DETAIL - A

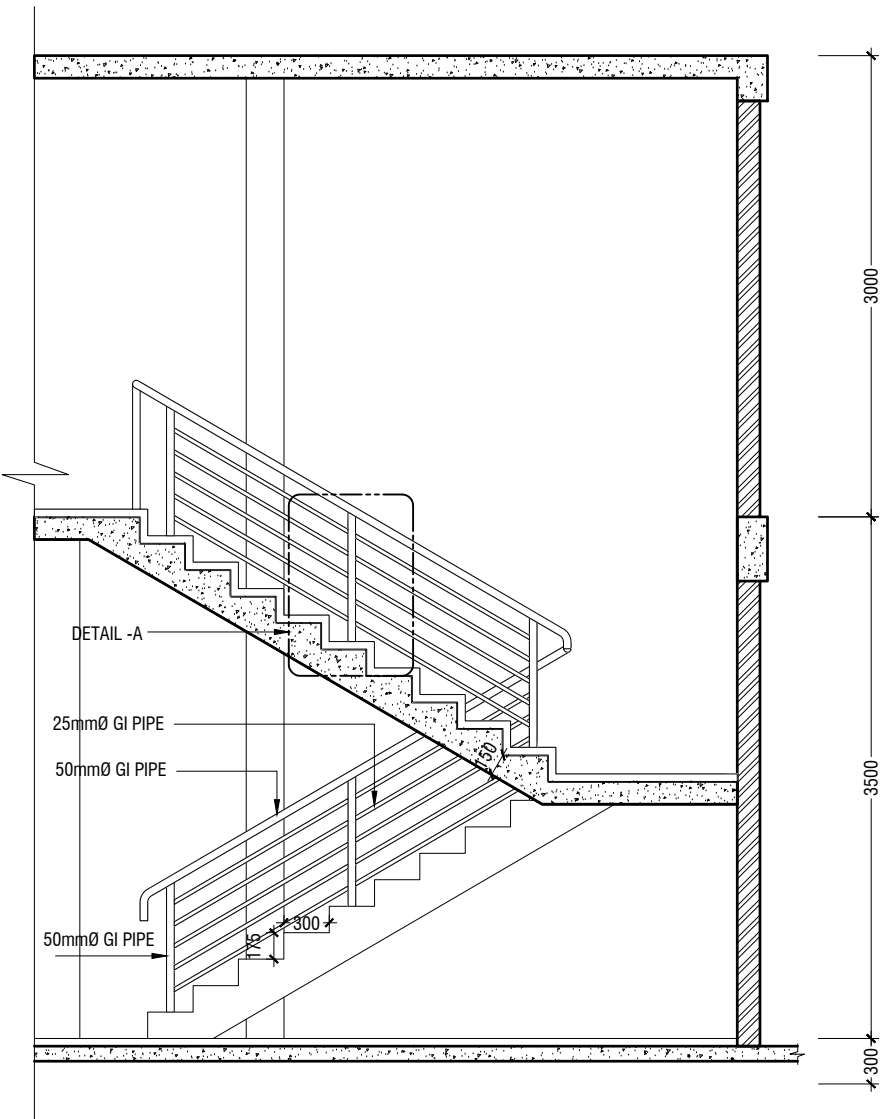
SCALE 1:20

ROOF BEAM LEVEL

FIRST FLOOR FIN. LEVEL

GROUND FLOOR FIN. LEVEL

GROUND LEVEL



# SECTION C-C

SCALE 1:50

# MAIN STAIRCASE DETAILS

SCALE 1:50

Addu High 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: -	

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



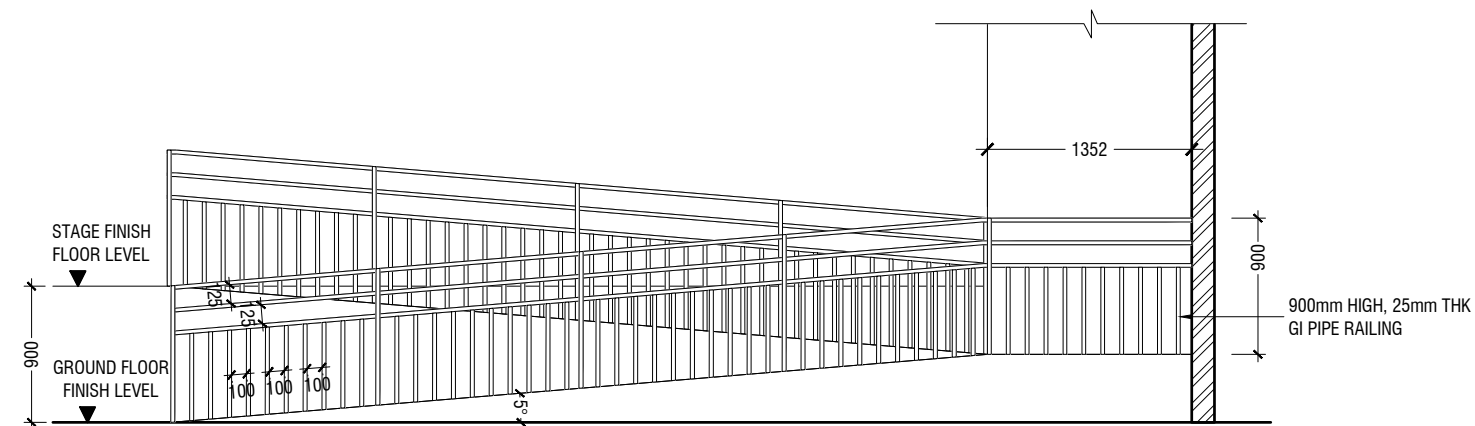
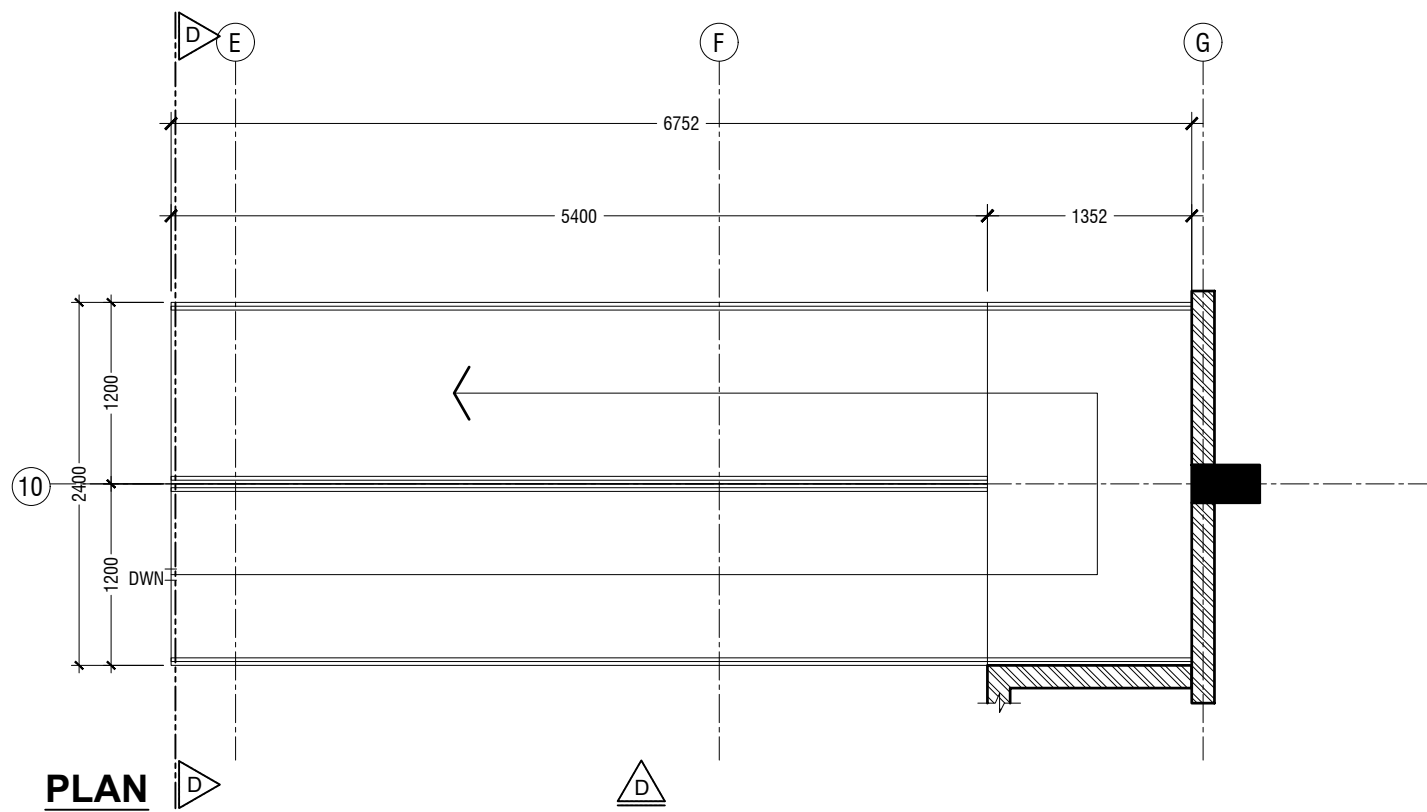
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e: info@ryan.com.mv  
w: www.ryan.com.mv  
3rd floor, H. Azum, Ameerseemagau, Male'

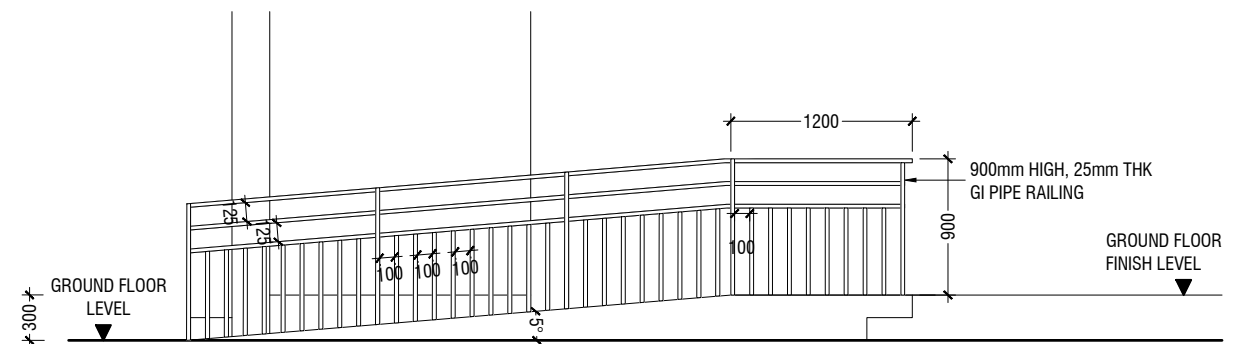
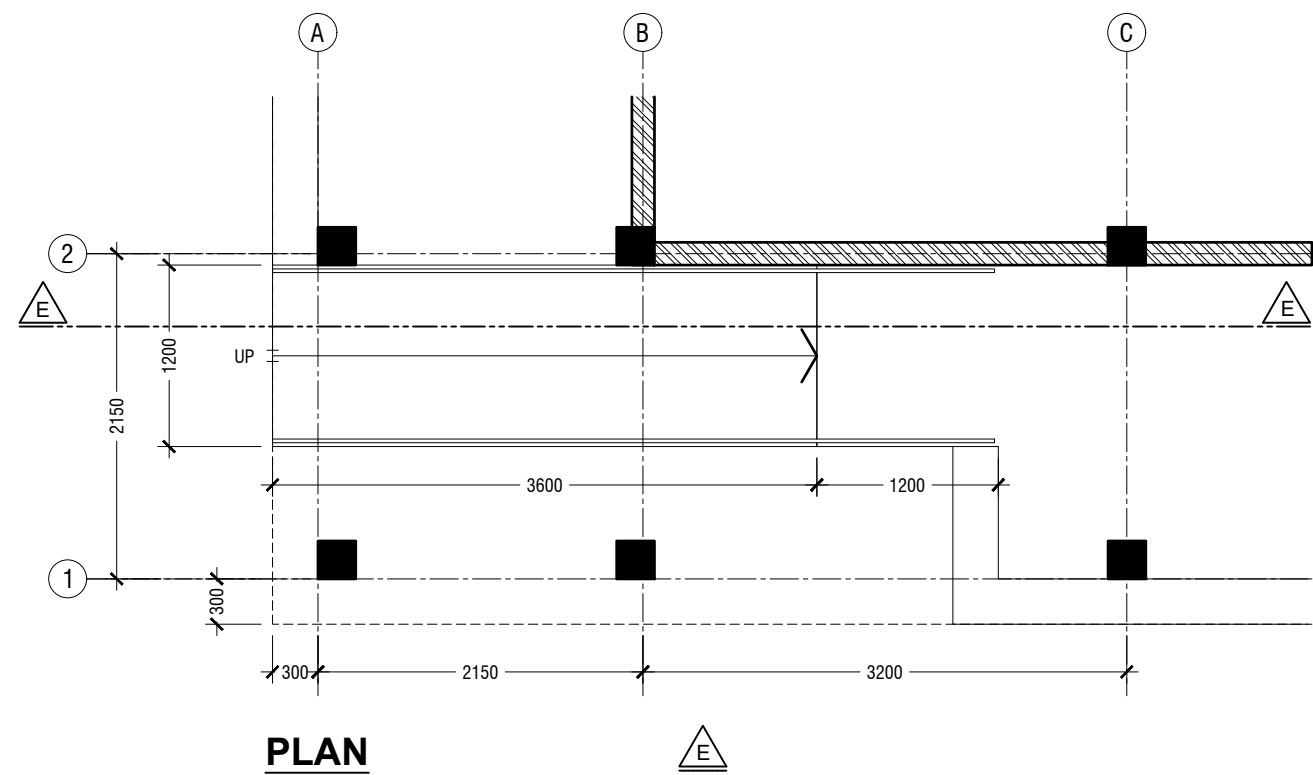
Title: Main Staircase Detail

Page: A-17/19

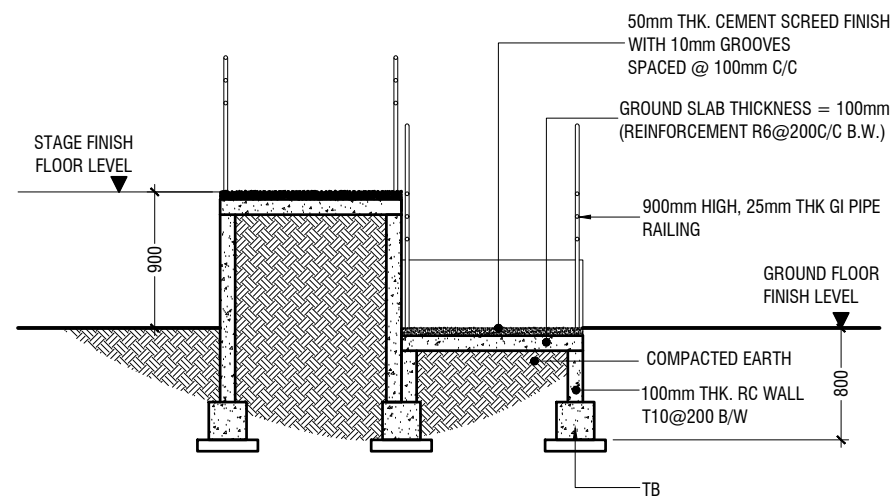
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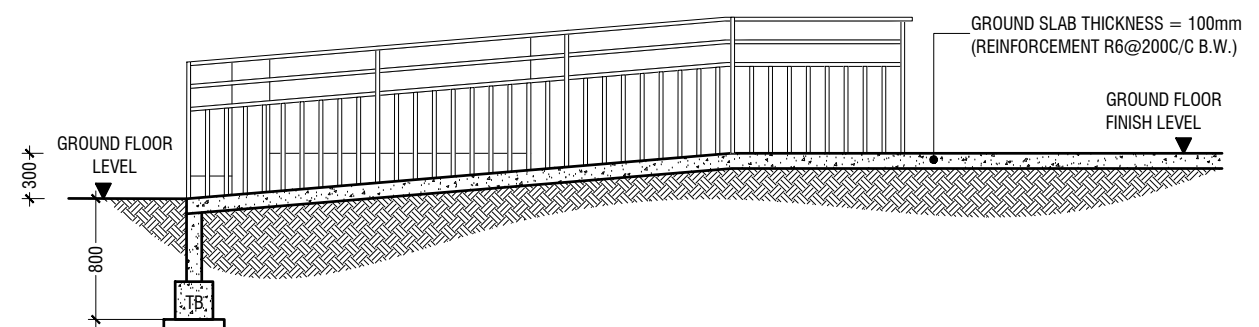
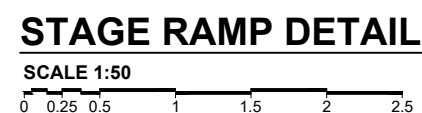
### ELEVATION D



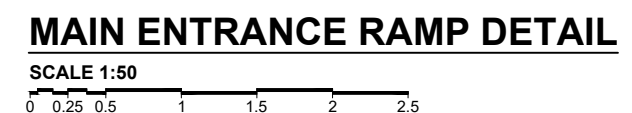
### ELEVATION E



## SECTION D-D



## SECTION E-E



Addu High School Hall  
Client: Ministry of Education

Date: June 2019  
Architect: Dazana Amir

Architect : Razana Amir  
Engineer : Ahmed Zuhail Zaeem

Engineer : Ahmed Zuhail Zaeem  
Drawn by : Razana Amir

Drawn by : Razana Amir  
Services : Aishath Ahmed

**Interior: -**

limited. Any use other than those expres-

united. Any use other than those expres-

Architect : Razana Amir  
Engineer : Ahmed Zuhair Zaem  
Drawn by : Razana Amir  
Services : Aishath Ahmed  
Interior : -

01

11 June 2019



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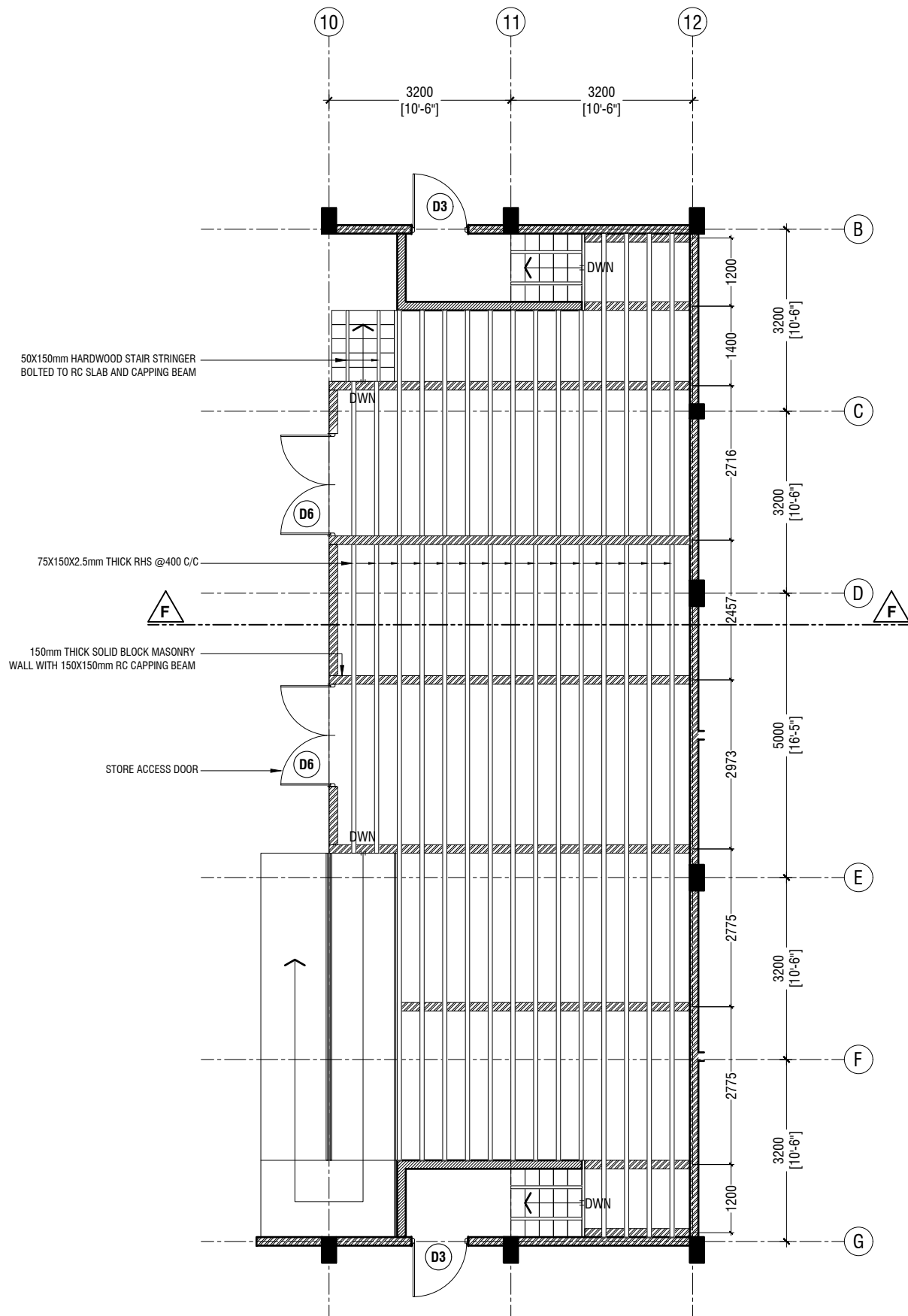
t: +9603315049 f: +9603310776

info@riyan.com.mv

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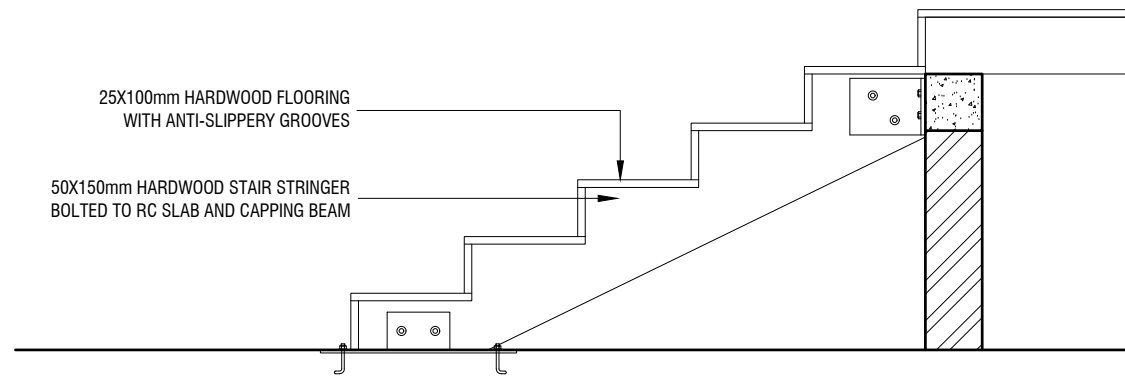
3rd floor, H. Azum, Ameeneemagu, Male<sup>1</sup>

title: Stage Ramp Detail



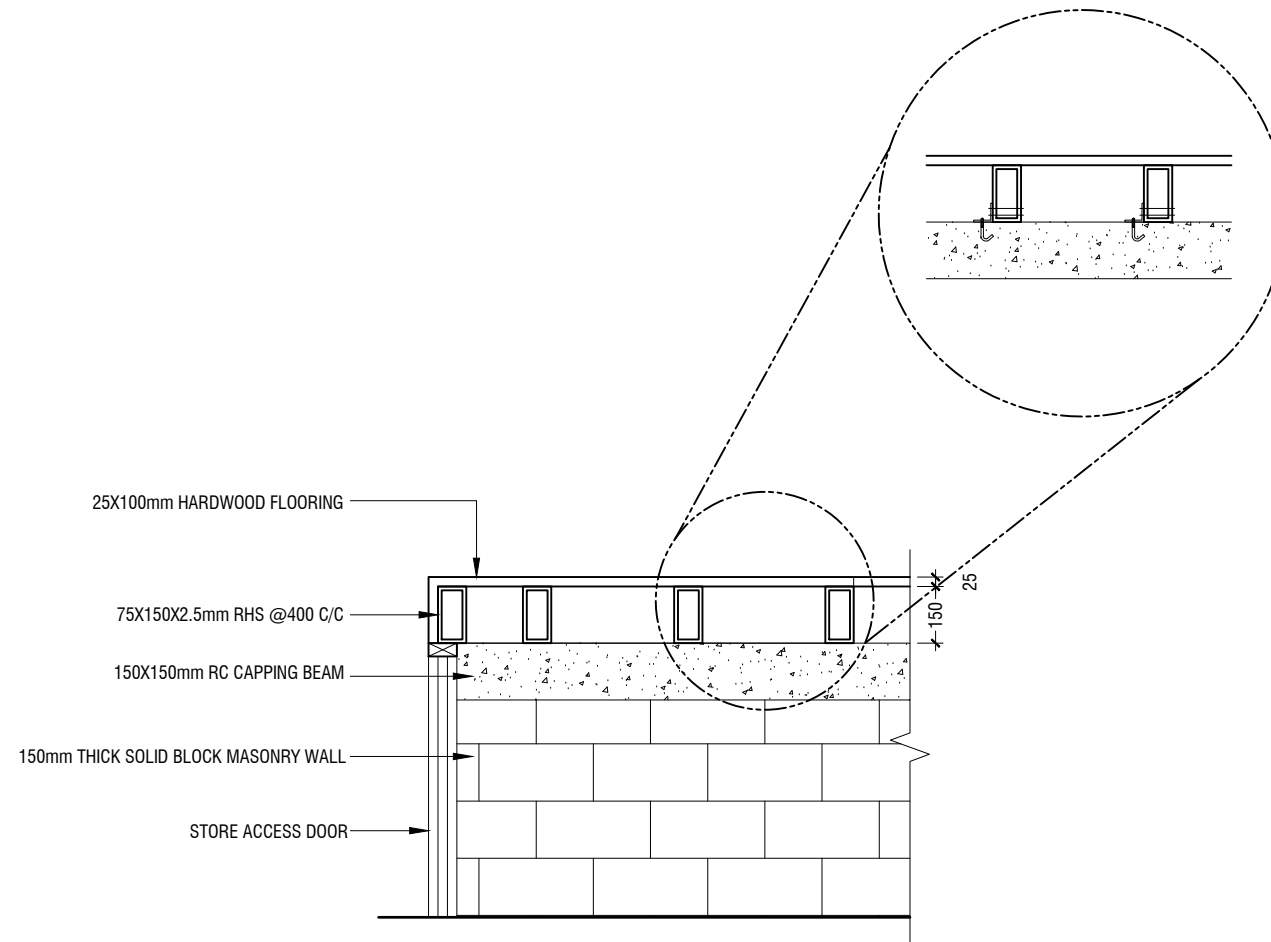
**STAGE FRAMING PLAN**  
SCALE 1:100

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

Addu High 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: -	

Rev no

01



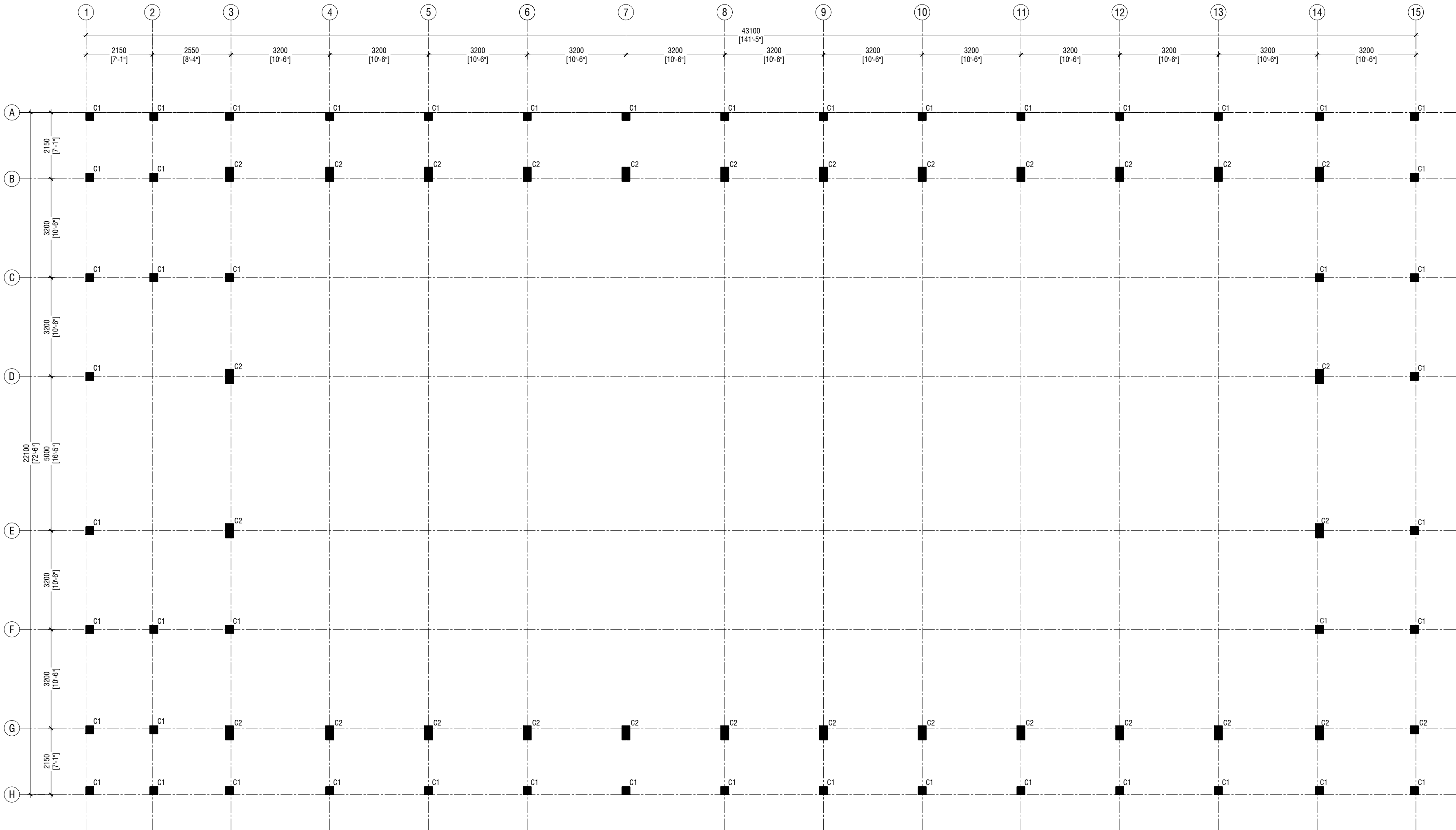
RYAN PRIVATE LIMITED

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

Title: Stage Framing Plan & Details  
& Details

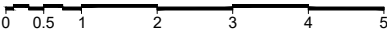
Page: A-19/19

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**GROUND FLOOR COLUMN LAYOUT PLAN**

SCALE 1:100



**NOTE:**

**COLUMN SIZES**

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

**Addu High School Hall**  
**Client: Ministry of Education**

Rev no	Date
01	11 June 2019
..	..
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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-Fatih  
Director: ..

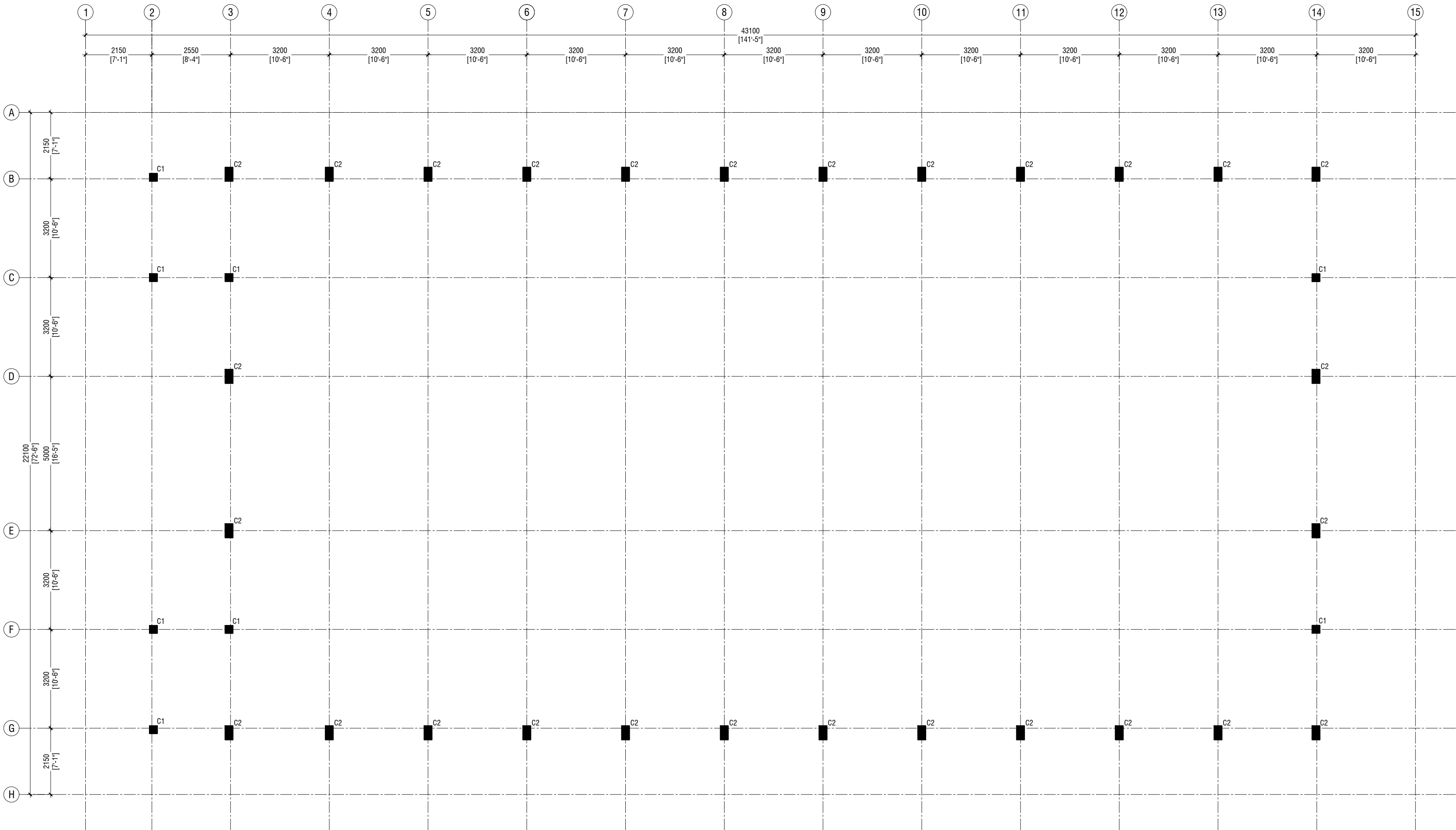


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w: www.ryan.com.mv  
3rd Floor, H. Azumi, Ameeremogga, Male

Title: Ground Floor Column Layout Plan

Page: S-01/11

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FIRST FLOOR COLUMN LAYOUT PLAN

SCALE 1:100

NOTE:

COLUMN SIZES

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

Aaddu High 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 Z. J. Al-Zahrani  
Drawn by: Razana Amir  
Services: Al-Fatih Al-Fatih  
Inspector: ..



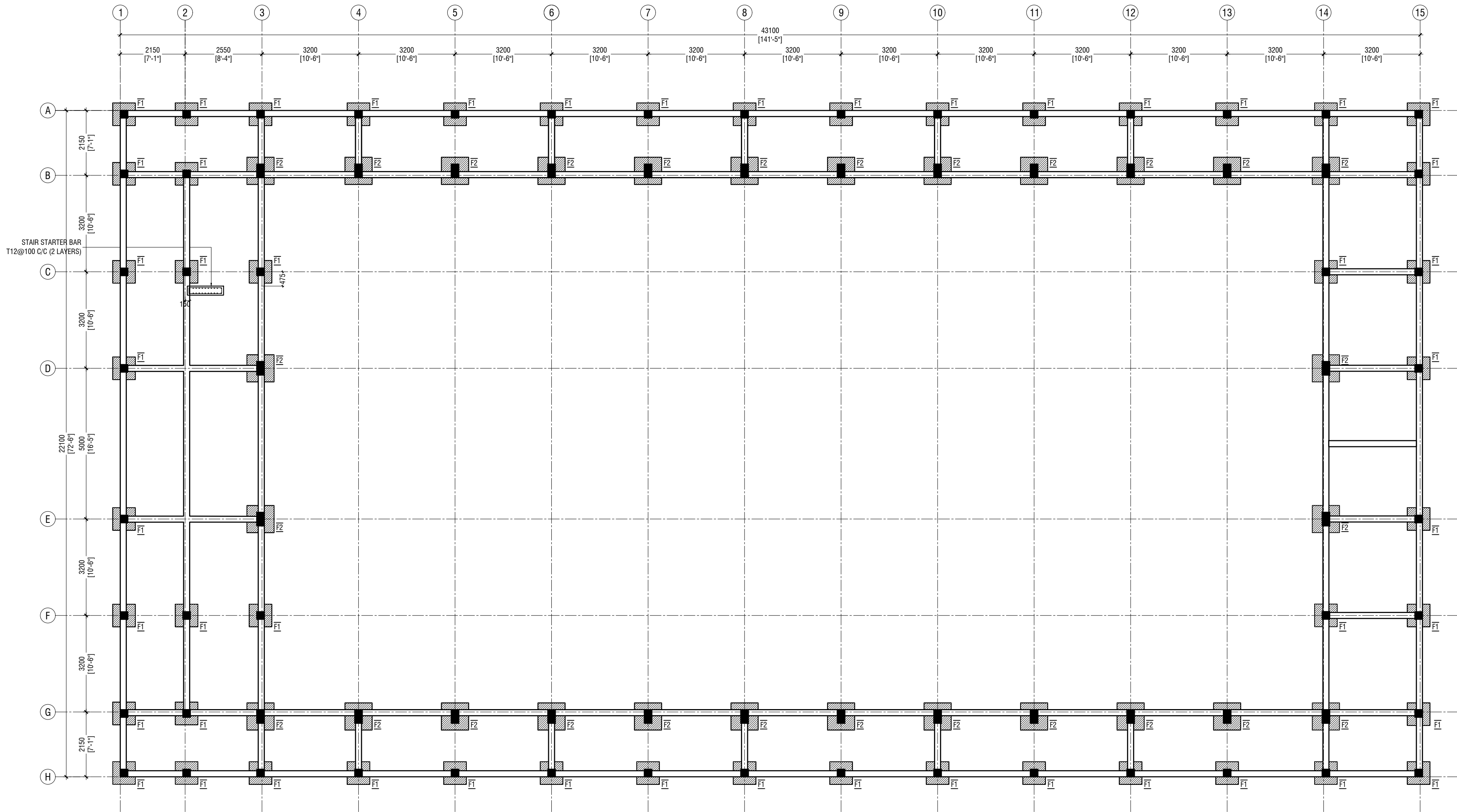
RYAN PRIVATE LIMITED  
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w: www.ryan.com.mv  
3rd floor, H. Azumi, Ameeremogga, Male

Title: 1st Floor Column  
Layout Plan

Page: S-02/11

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**FOUNDATION PLAN**

SCALE 1:100



NOTE:

**COLUMN SIZES**  
C1 : 250 x 250 mm  
C2 : 250 x 450 mm  
COVER : 35-40mm

**FOUNDATION PAD SIZES**

	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 BELOW GROUND LEVEL

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

**TIE BEAM SIZES**

FB1 : 200 x 400 mm  
COVER : 50mm

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

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

//// -150mm THK. SOLID MASONRY BLOCK WALL

RAMP SLAB : 150mm THK RC SLAB ON FILL  
REINFORCED WITH T10@250 C/C BW

Addu High School Hall  
Client: Ministry of Education

Project Number: RI/2017/012  
Rev. no. 01  
Date 11 June 2019  
Architect: Razana Amir  
Engineer: Ahmed Z. J. Al-Zahrani  
Drawn by: Razana Amir  
Services: Al-Fatih Al-Fatih  
Inspector:



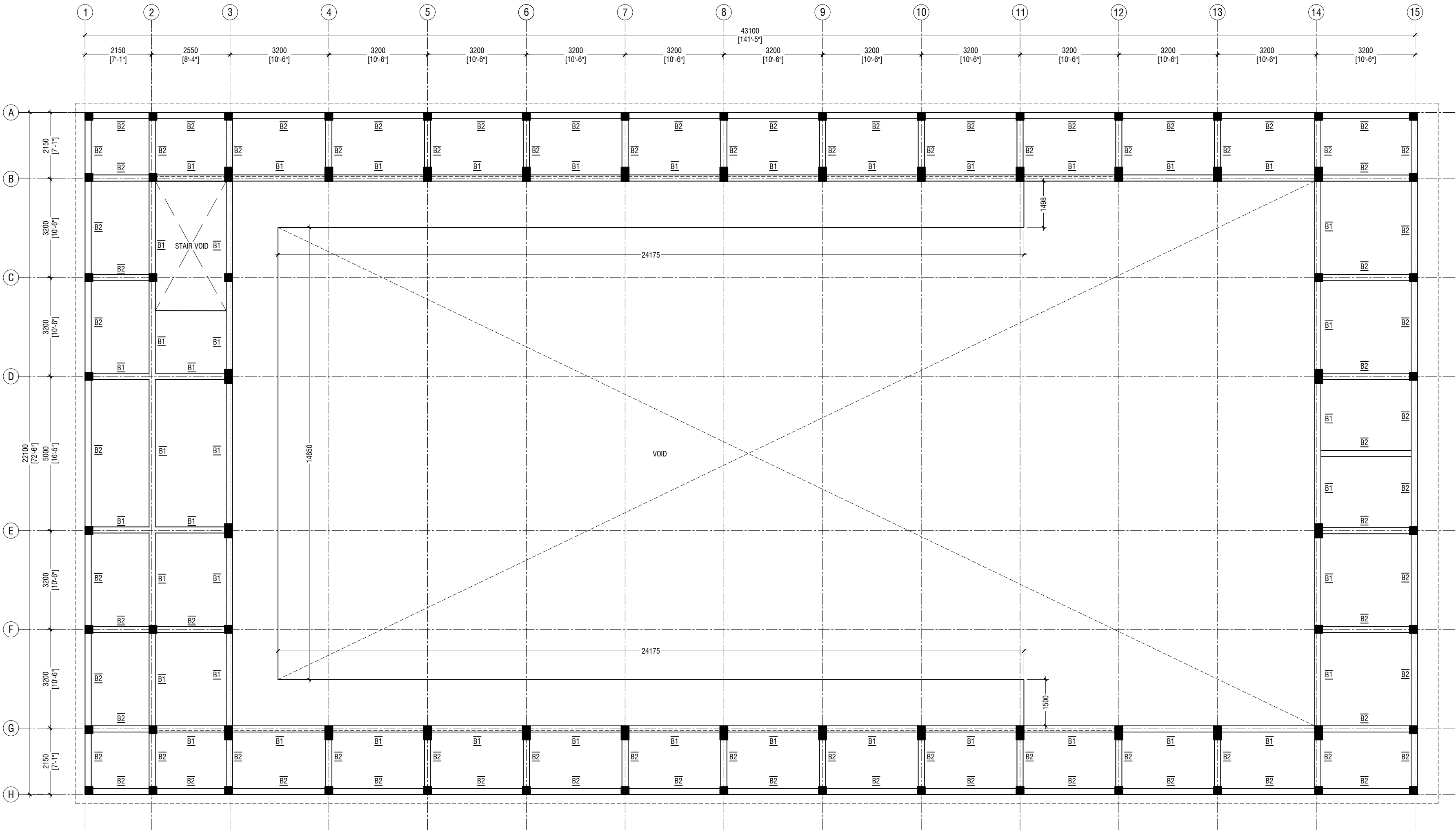
RYAN PRIVATE LIMITED  
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w: www.ryan.com.mv  
3rd floor, H. Azumi, Amereemogga, Male

Title: Foundation Plan

Page: S-03/11

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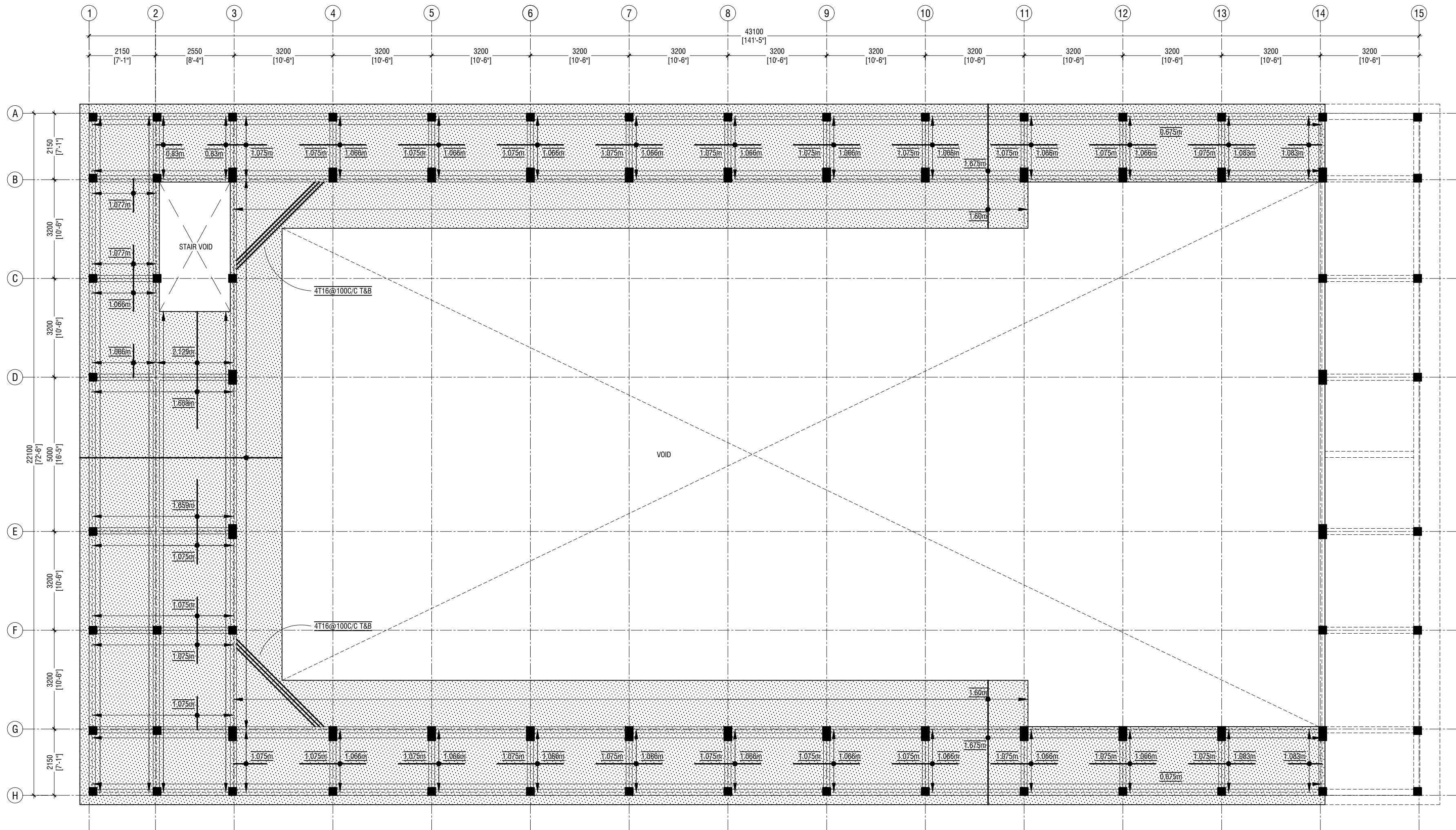
**FIRST FLOOR BEAM PLAN**  
SCALE 1:100

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 )	
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**FIRST FLOOR SLAB REINFORCEMENT PLAN**

SCALE 1:100  
0 0.5 1 2 3 4 5

**NOTE**

SLAB THICKNESS - 150mm

BOTTOM REINFORCEMENT - T12@100 C/C BW (NOT SHOWN, UNLESS STATED)  
TOP REINFORCEMENT - T12@100 C/C BW (AS SHOWN, UNLESS STATED)  
REINFORCEMENT DISCONTINUOUS AT VOIDS

Aadu High 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: Alkathir Ahmed  
Reviewed:

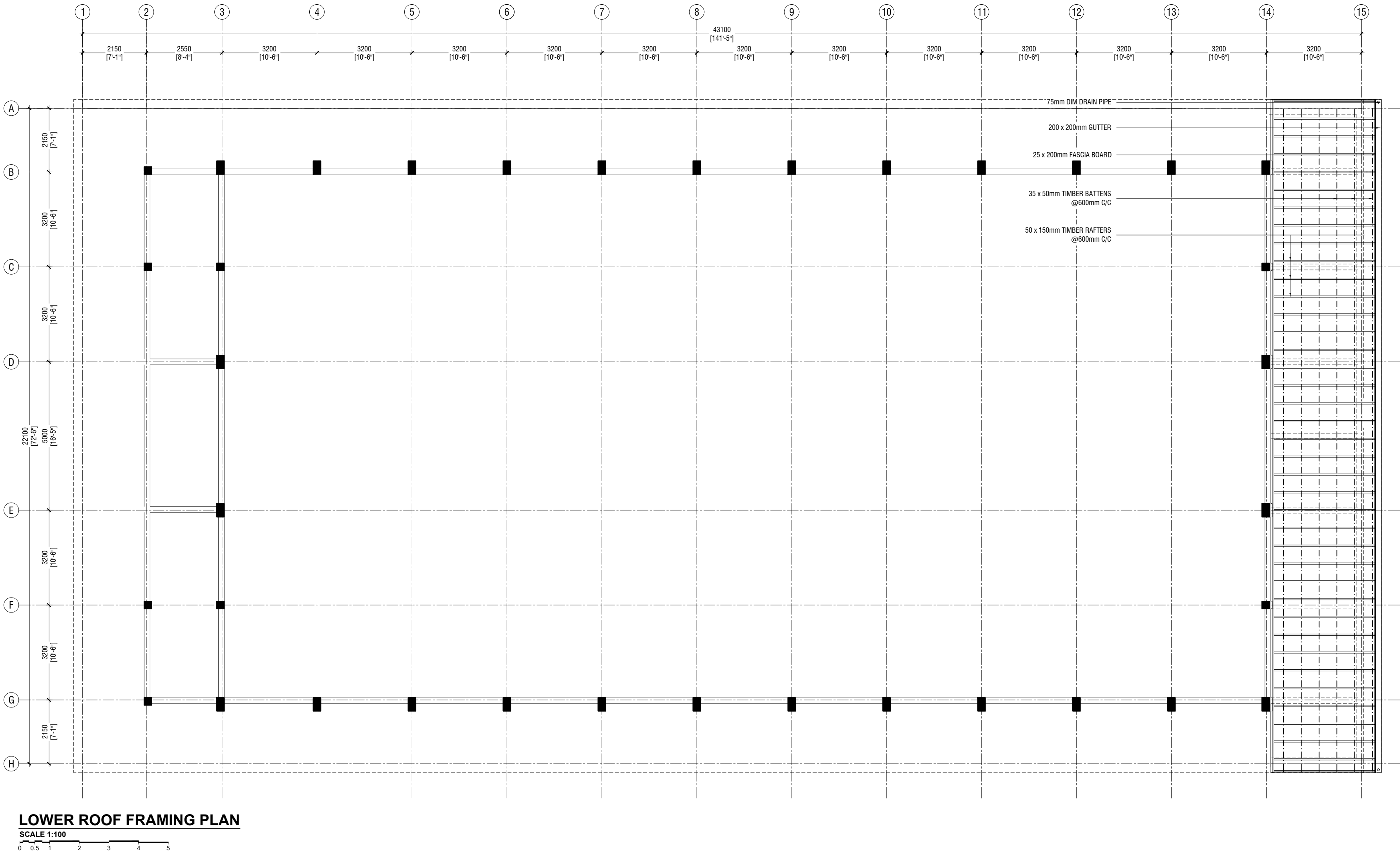


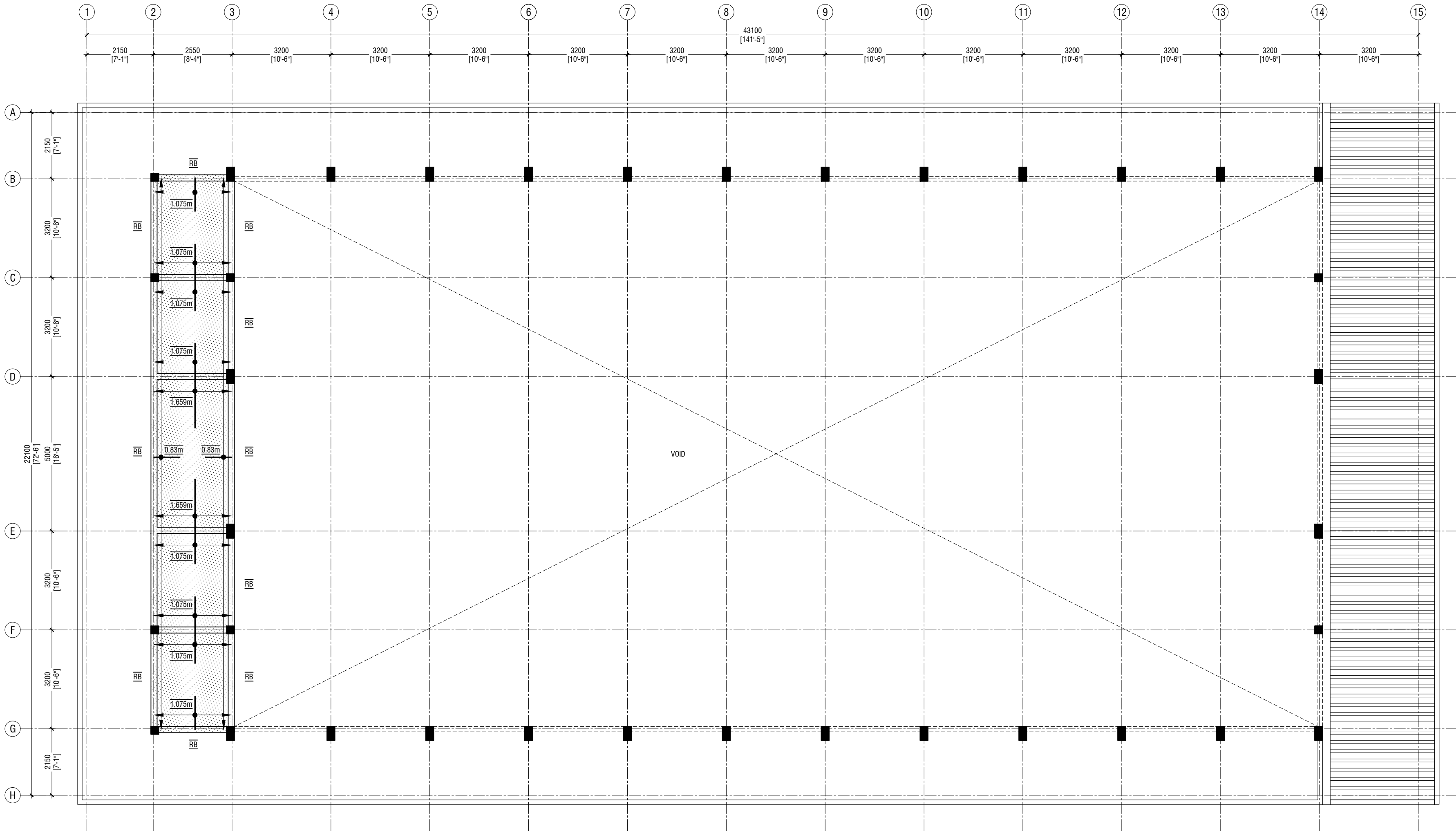
RYAN PRIVATE LIMITED  
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e: info@ryan.com.mv  
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3rd Floor, H. Azum, Aareemmagu, Male

Title: 1st Floor Slab  
Reinforcement Plan

Page: S-05/11

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**ROOF BEAM LEVEL - 1 AND SLAB REINFORCEMENT PLAN (+7300)**

SCALE 1:100  
0 0.5 1 2 3 4 5

**NOTE**

SLAB THICKNESS - 150mm

BOTTOM REINFORCEMENT - T12@100 C/C BW (NOT SHOWN, UNLESS STATED)  
TOP REINFORCEMENT - T12@100 C/C BW (AS SHOWN, UNLESS STATED)  
REINFORCEMENT DISCONTINUOUS AT VOIDS

**Aadu High School Hall**  
**Client: Ministry of Education**

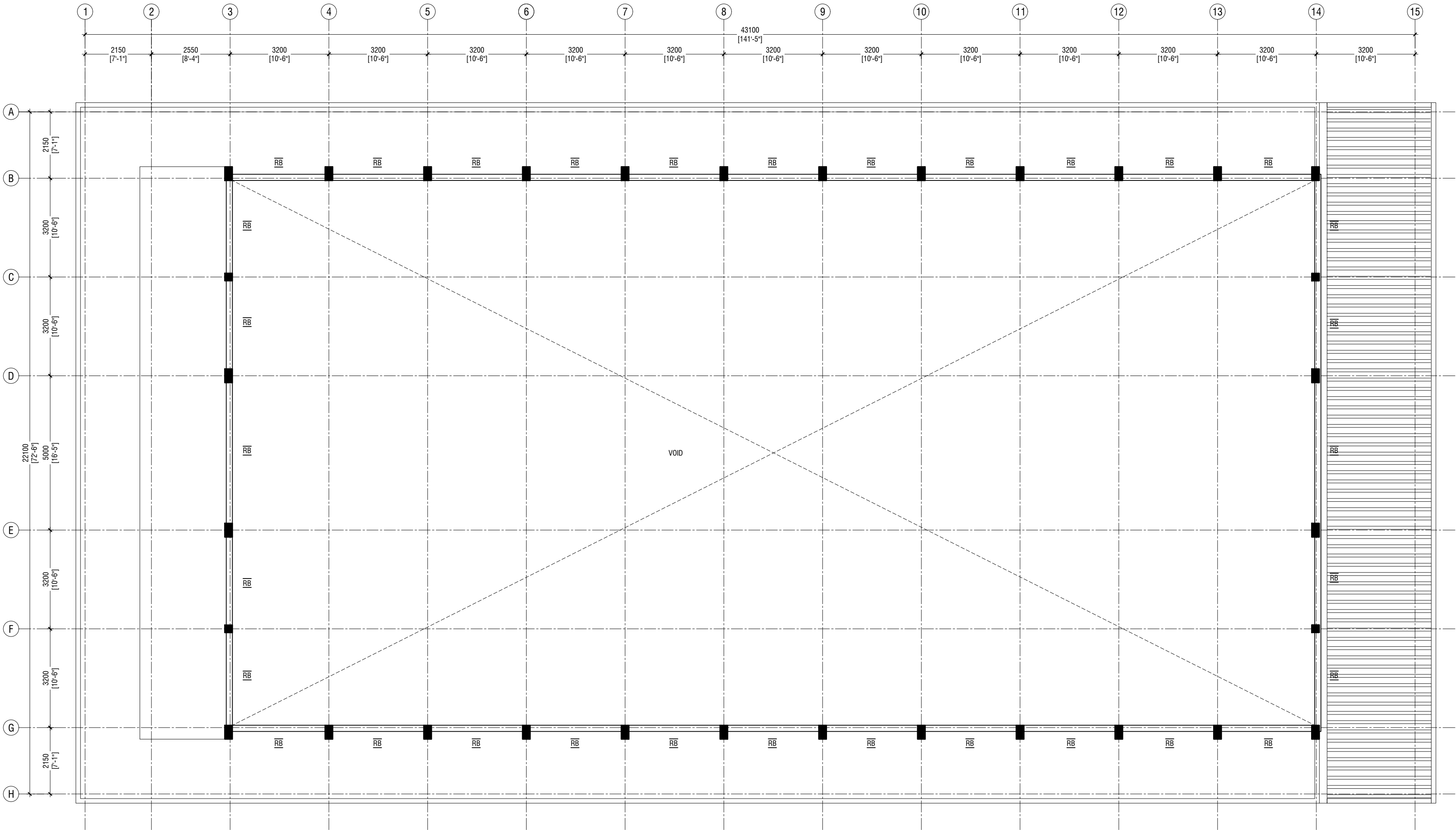
Rev no	Date
01	11 June 2019
..	..
..	..

Project Number: RI/2017/012  
Architect: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Drawn by: Razana Amir  
Services: Alhath Ahmed  
Director



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3rd floor, H. Azumi, Ameeremogga, Male

Title: Roof Beam Level - 1  
Slab Rein. Plan



**ROOF BEAM LEVEL - 2 PLAN (+8200)**  
SCALE 1:100

NOTE:

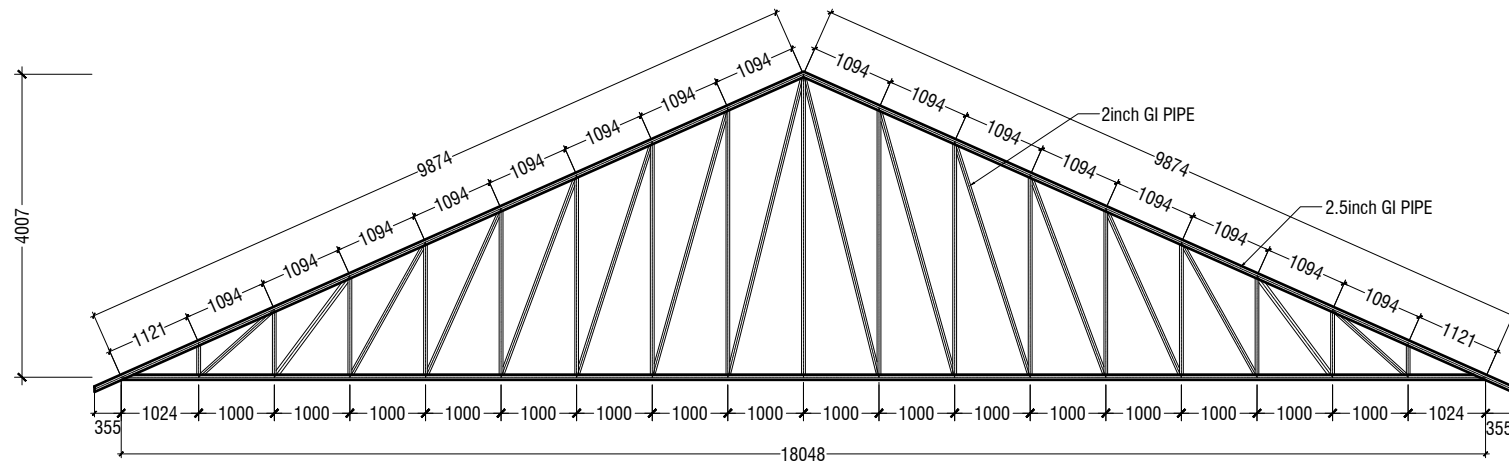
COLUMN SIZES	
C1	: 250 x 250 mm
C2	: 250 x 450 mm
COVER	: 35-40mm

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

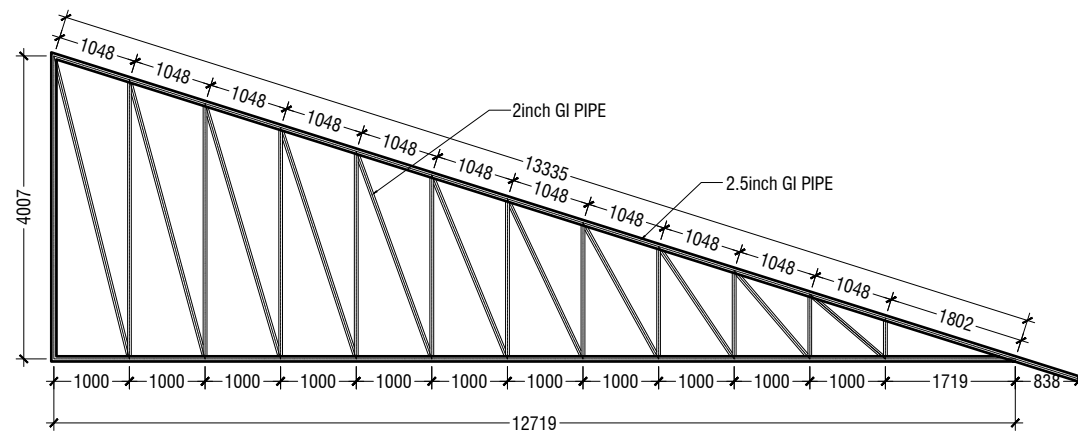
MIX RATIO = 1:2:3 ( CEMENT : SAND : AGGREGATE )	
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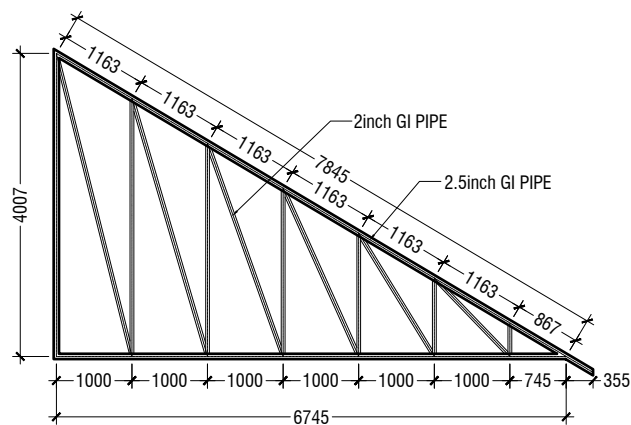




**TRUSS TYPE TR1**

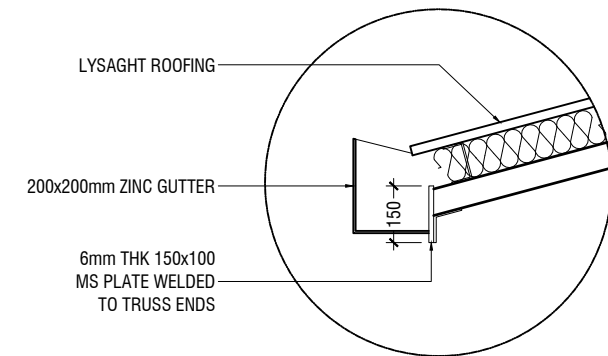
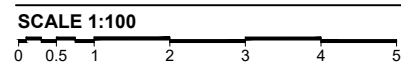


**TRUSS TYPE TR2**



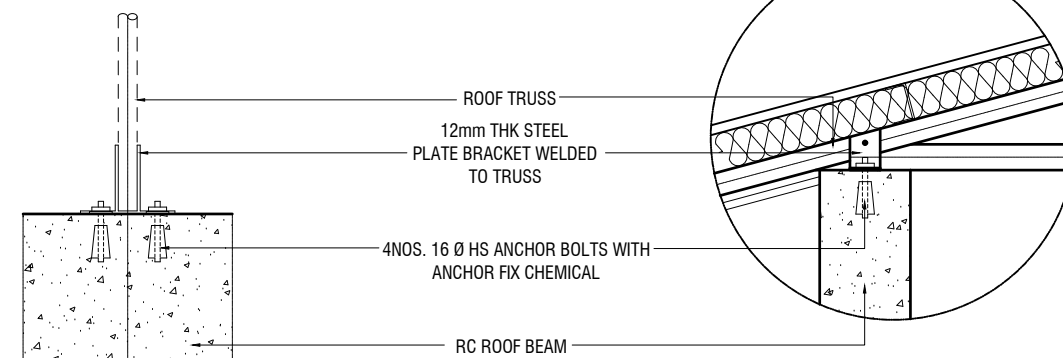
**TRUSS TYPE TR3**

**ROOF TRUSS DETAILS**



**GUTTER/FASCIA DETAIL**

SCALE 1:20



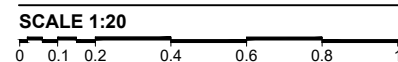
**ELEVATION**

SCALE 1:20

**SECTION**

SCALE 1:20

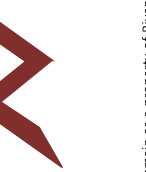
**TYPICAL TRUSS FIXING DETAILS**



Addu High School Hall  
Client: Ministry of Education

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



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

Title: Roof Truss and Framing Plan

Page: S-10/11

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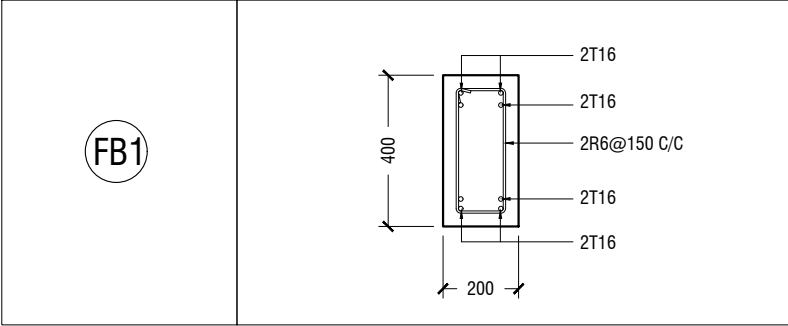
	DIMENSION	REINFORCEMENT
F1	750 x 750 x 250	T10@150 C/C B/W (B)
F2	900 x 900 x 300	T10@100 C/C B/W (B)

FOUNDATION DEPTH = 1200mm

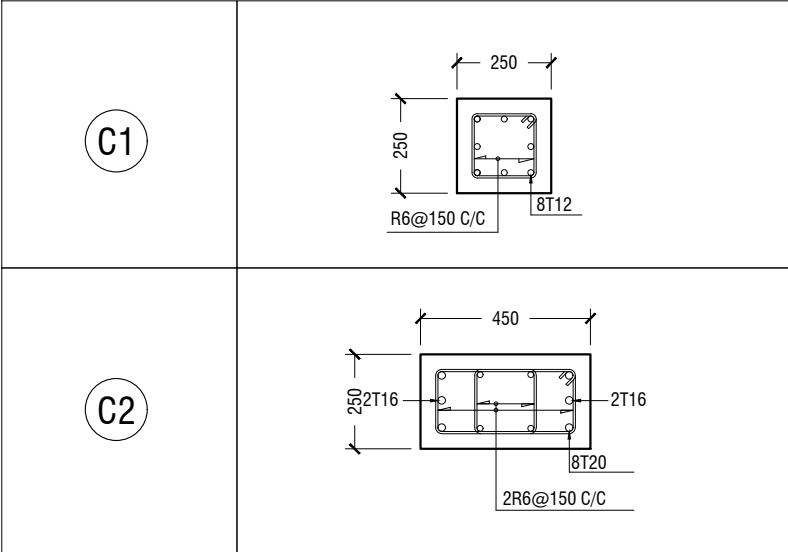
NOTE:-  
COVER TO FOUNDATION = 50mm  
COVER TO COLUMNS = 35-40mm  
COVER TO BEAMS = 35mm  
LAPS = Ø OF BAR x 45  
BEAMS @END SUPPORT = Ø OF BAR x 12

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

FOUNDATION PADS

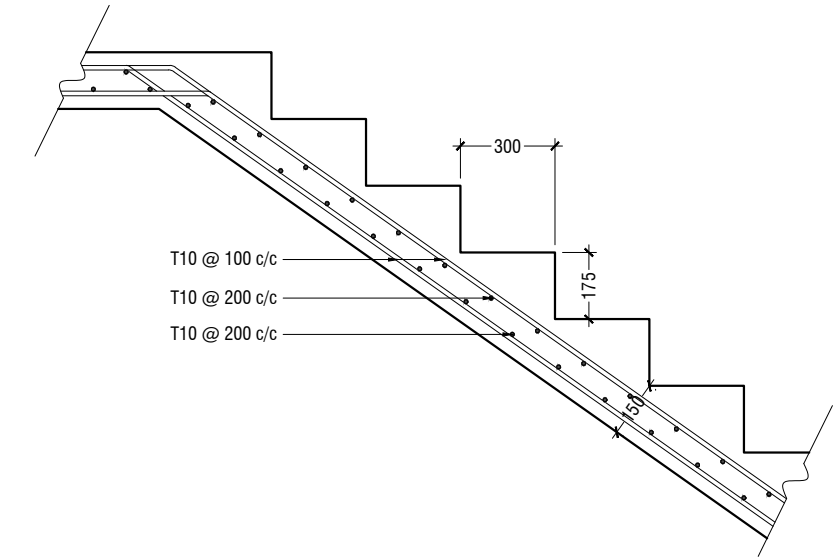


FOUNDATION DETAILS

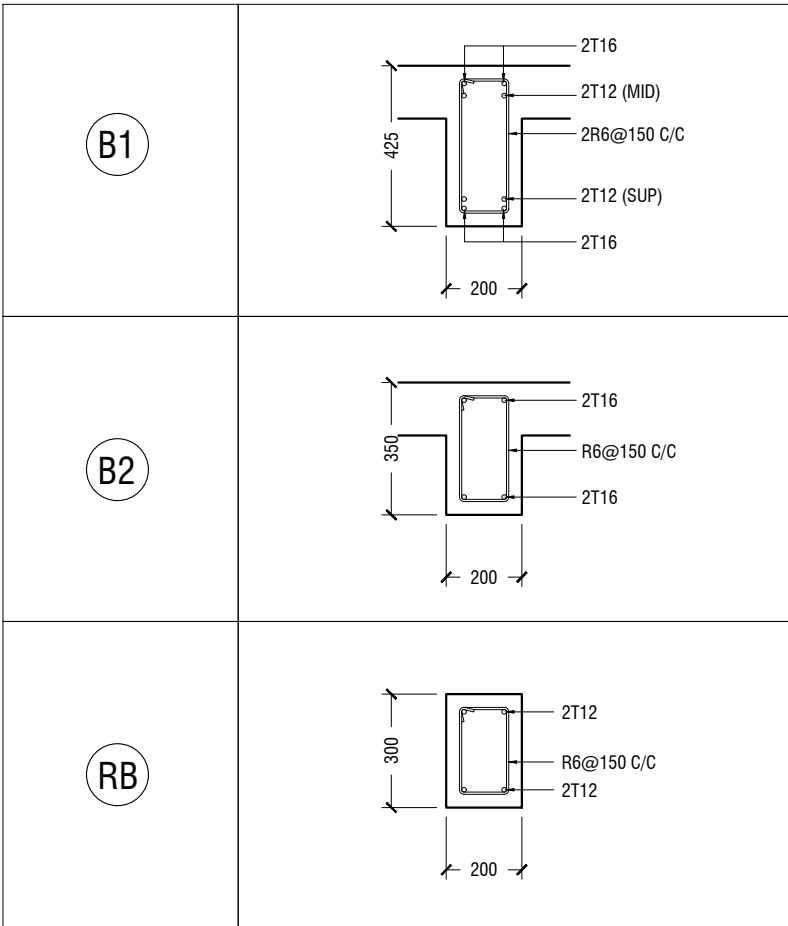


COLUMN DETAIL

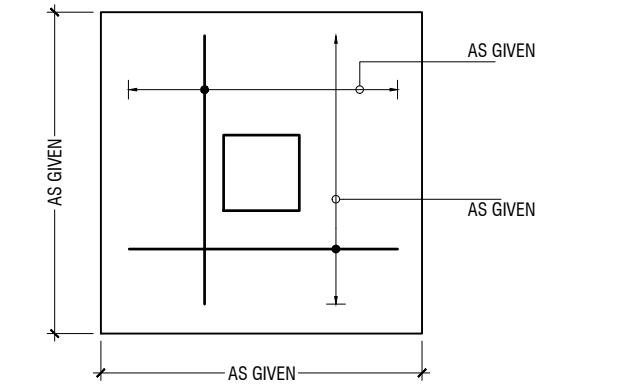
STRUCTURAL DETAILS



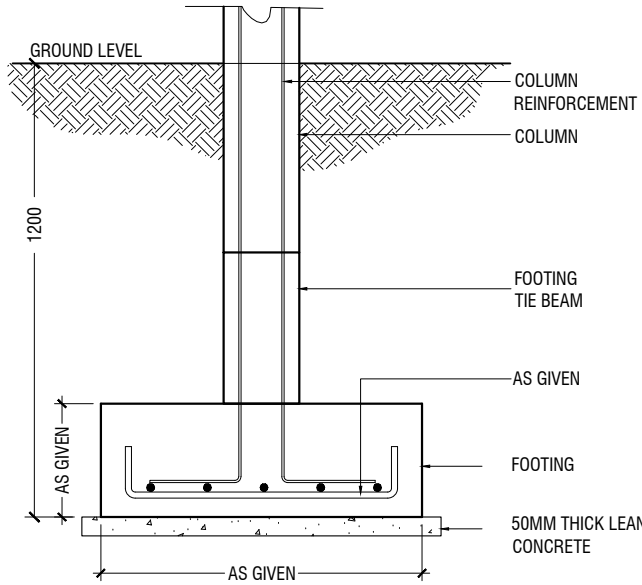
MAIN STAIRCASE REINFORCEMENT DETAIL



BEAM DETAIL



PLAN



SECTION

FOOTING DETAILS

Addu High 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: Alshath Ahmed  
Interior:-



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