

Proposed Multipurpose Hall Building at  
Lh.Kurendhoo School

*ARCHITECTURAL & STRUCTURAL DRAWINGS*

Client: Ministry of Education



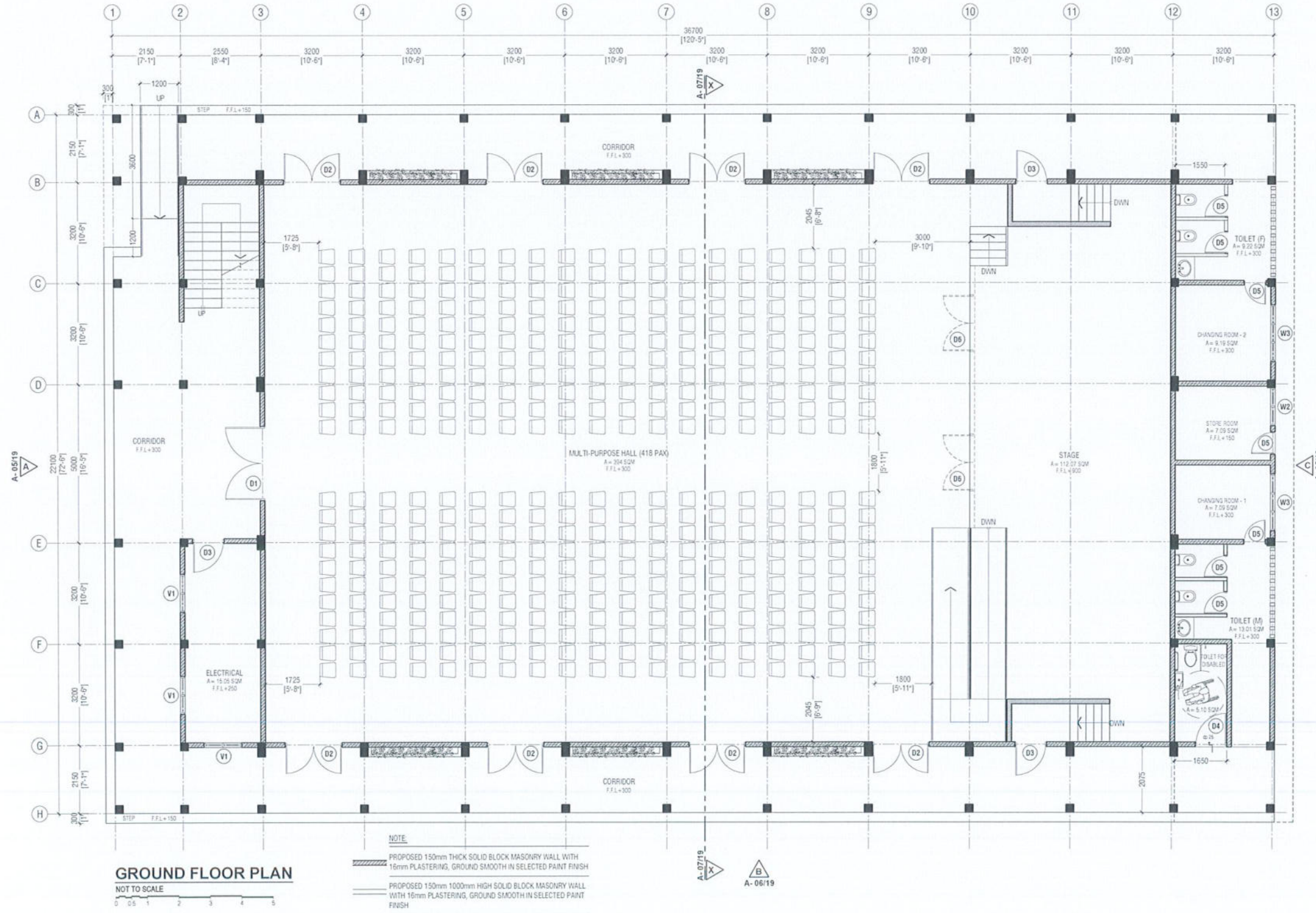
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3rd floor, H. Azam, Amerseemogu, Male'

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TABLE OF CONTENTS

DRAWING No.	TITLE	REVISION No.	DATE	REMARKS
A R C H I T E C T U R A L		02	07 April 2020	---
A - 01 / 19	GROUND FLOOR PLAN	---	---	---
A - 02 / 19	FIRST FLOOR PLAN	---	---	---
A - 03 / 19	ROOF PLAN - 1	---	---	---
A - 04 / 19	ROOF PLAN - 2	---	---	---
A - 05 / 19	ELEVATION A & C	---	---	---
A - 06 / 19	ELEVATION B	---	---	---
A - 07 / 19	SECTION X-X	---	---	---
A - 08 / 19	DOOR & WINDOW SCHEDULE - 1	---	---	---
A - 09 / 19	DOOR & WINDOW SCHEDULE - 2 & VENTILATION SCHEDULE	---	---	---
A - 10 / 19	GROUND FLOOR REFLECTED CEILING PLAN	---	---	---
A - 11 / 19	FIRST FLOOR REFLECTED CEILING PLAN	---	---	---
A - 12 / 19	GROUND FLOOR FLOOR FINISHES PLAN	---	---	---
A - 13 / 19	FIRST FLOOR FLOOR FINISHES PLAN	---	---	---
A - 14 / 19	PLANTER BOX DETAILS	---	---	---
A - 15 / 19	RC FINS DETAILS	---	---	---
A - 16 / 19	TOILET DETAILS	---	---	---
A - 17 / 19	MAIN STAIRCASE DETAILS	---	---	---
A - 18 / 19	RAMP DETAILS	---	---	---
A - 19 / 19	STAGE DETAILS	---	---	---
S T R U C T U R A L		02	07 April 2020	---
S - 01 / 11	GROUND FLOOR COLUMN LAYOUT PLAN	---	---	---
S - 02 / 11	FIRST FLOOR COLUMN LAYOUT PLAN	---	---	---
S - 03 / 11	FOUNDATION PLAN	---	---	---
S - 04 / 11	FIRST FLOOR BEAM PLAN	---	---	---
S - 05 / 11	FIRST FLOOR SLAB REINFORCEMENT PLAN	---	---	---
S - 06 / 11	LOWER ROOF FRAMING PLAN	---	---	---
S - 07 / 11	ROOF BEAM LEVEL - 1 AND SLAB REINFORCEMENT PLAN (+7300)	---	---	---
S - 08 / 11	ROOF BEAM LEVEL - 2 PLAN (+8200)	---	---	---
S - 09 / 11	ROOF TRUSS AND FRAMING PLAN	---	---	---
S - 10 / 11	ROOF TRUSS DETAILS	---	---	---
S - 11 / 11	STRUCTURAL DETAILS	---	---	---



Ministry of National Planning & Infrastructure  
**ARCHITECTURAL CHECKER B1**  
 Name: Maryam Ibrahim Shareef  
 Accredited No: BPR2020039B1  
 VALIDITY: 28.01.20 - 27.01.21  
 B1-2020-039-001

Ministry of National Planning & Infrastructure  
**STRUCTURAL CHECKER A1**  
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 VALIDITY: 28.09.19 - 28.09.20  
 A1-2019-035-001

Lh Kurendhoo School Hall  
 Client: Ministry of Education

Rev no	Date
01	13 April 2019
02	07 April 2020

Project Number: BPR201702  
 Architect: Razana Amir  
 Engineer: Ahmed Zuhair Zaidem  
 Drawn by: Razana Amir  
 Checked by: Razana Amir  
 Interior

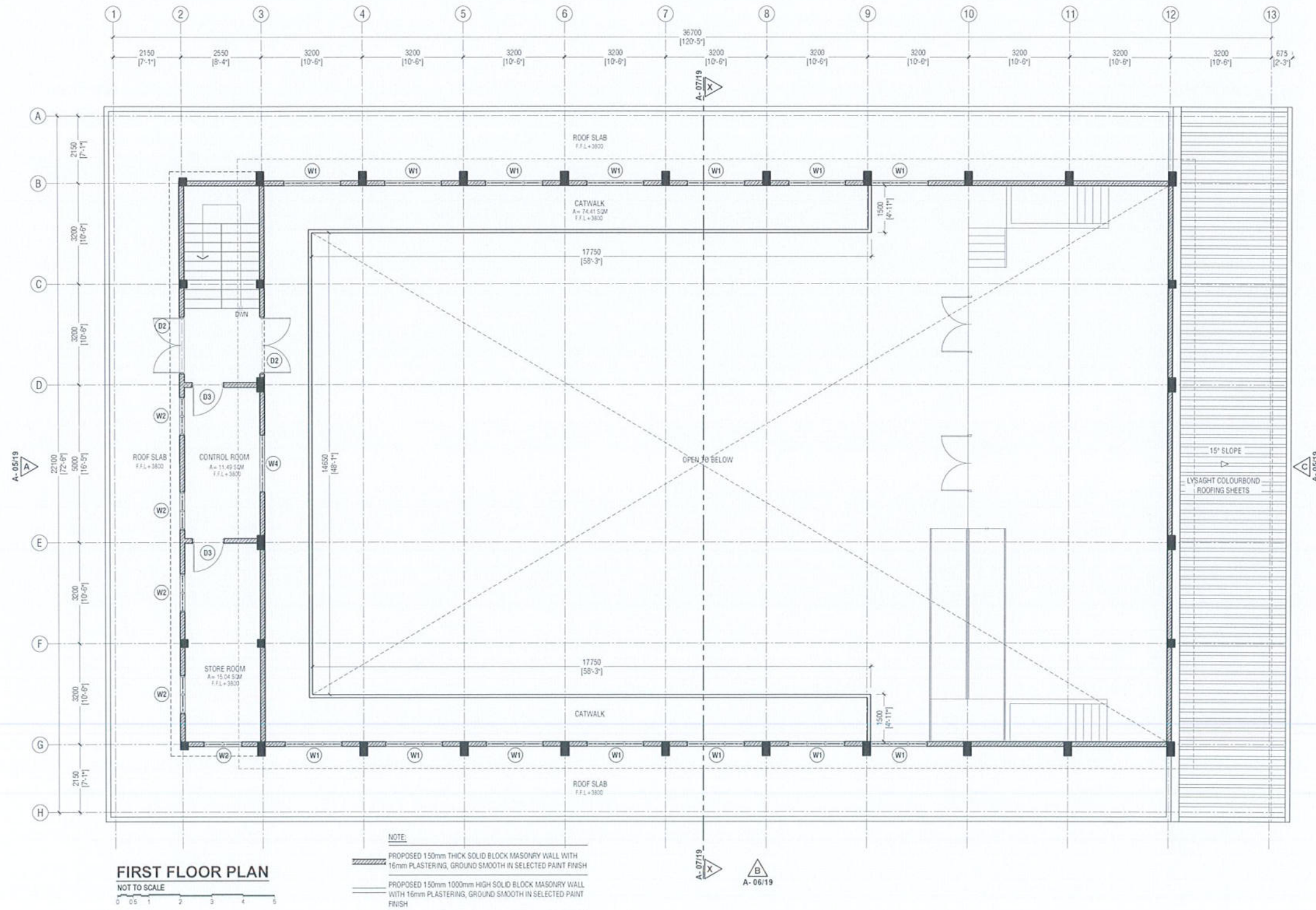


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Title: Ground Floor Plan  
 Page: A-01/19

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 B1-2020-039-001

Ministry of National Planning & Infrastructure  
**STRUCTURAL CHECKER A1**  
 Name: Ahmed Zuhair Zaeem  
 Accredited No: BPR2019035A1  
 VALIDITY: 29.09.19 - 28.09.20  
 A1-2019-035-001

Lh. Kurendhoo School Hall  
 Client: Ministry of Education  
 Project Number: 86207/202  
 Date: 11 June 2019  
 Architect: Razana Ahmed Zaeem  
 Drawn by: Razana Ahmed Zaeem  
 Services: Architectural  
 Interior

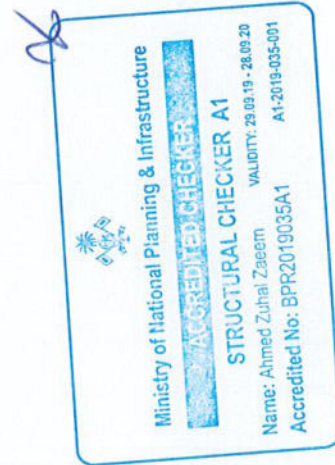
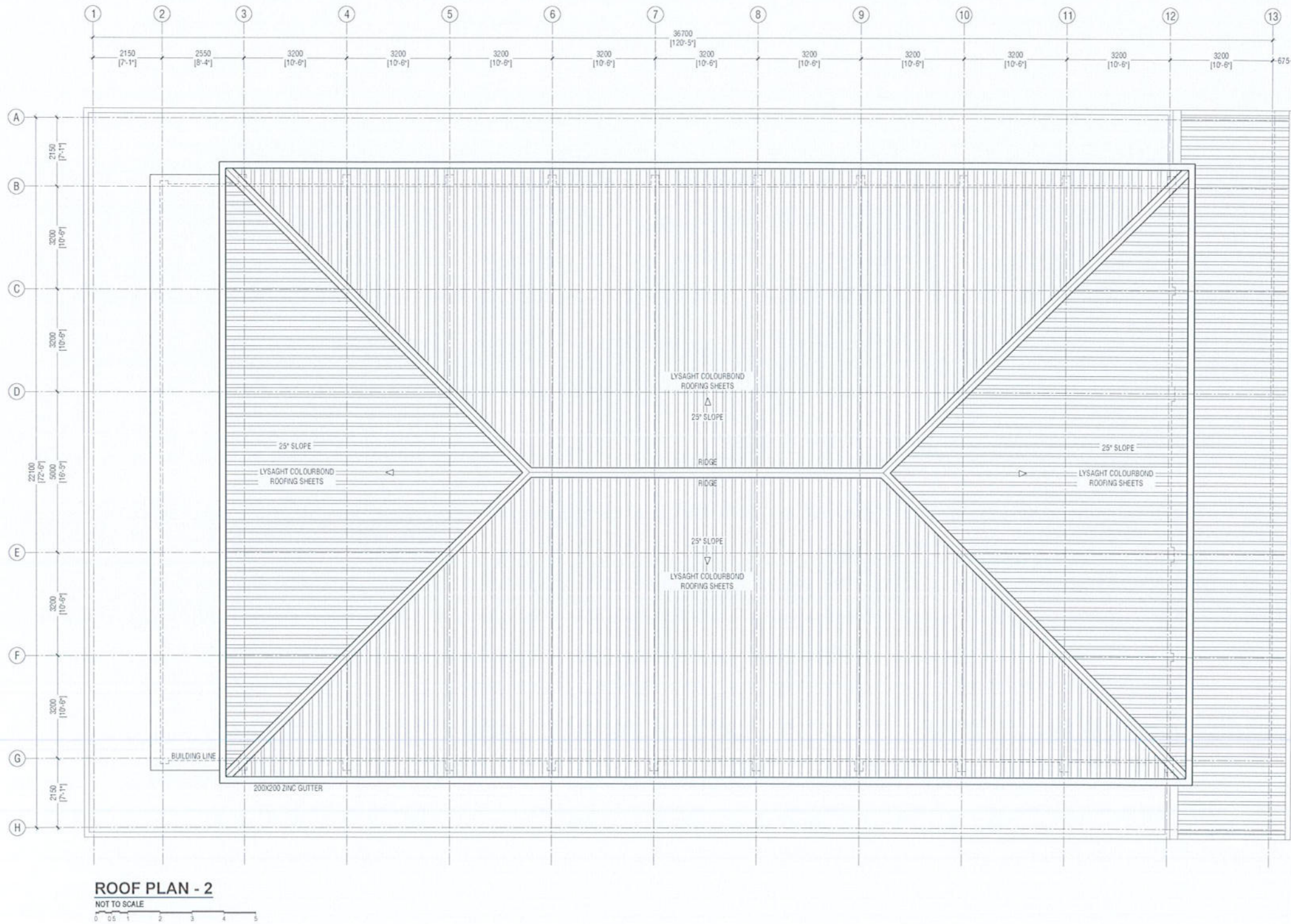
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Title: First Floor Plan  
 Page: A-02/19









Lh Kurendhoo School Hall  
Client: Ministry of Education

Rev no	Date
01	11 June 2019
02	07 April 2020

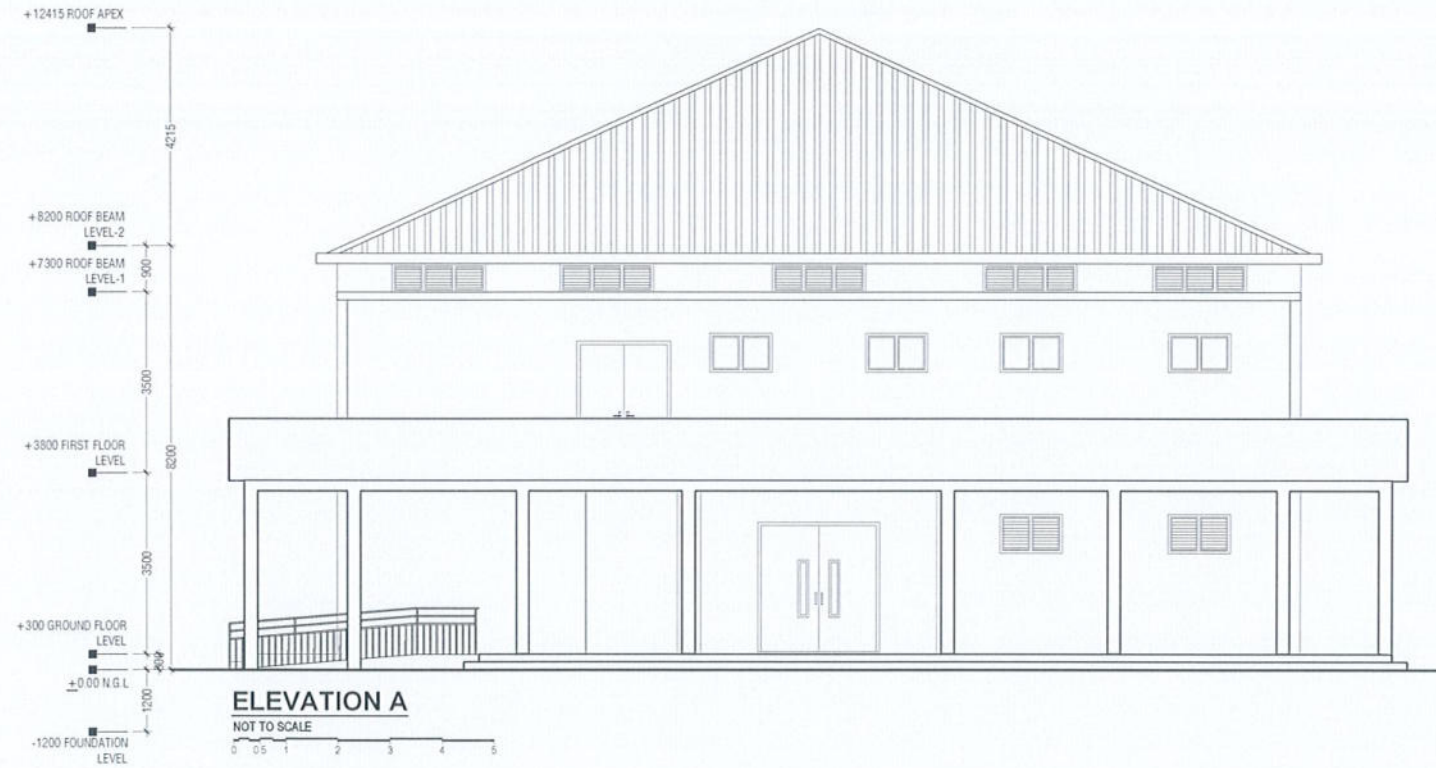


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Jalil bin N. Adam, Managing Director

Title: Roof Plan - 2  
Page: A-04/19

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Lh.Kurendhoo School Hall  
Client: Ministry of Education

Project Number: BPR201902  
Date: April 2020  
Engineer: Ahmed Zuhair Zaeem  
Services: Architectural  
Reviewed: 02  
Date: 07 April 2020



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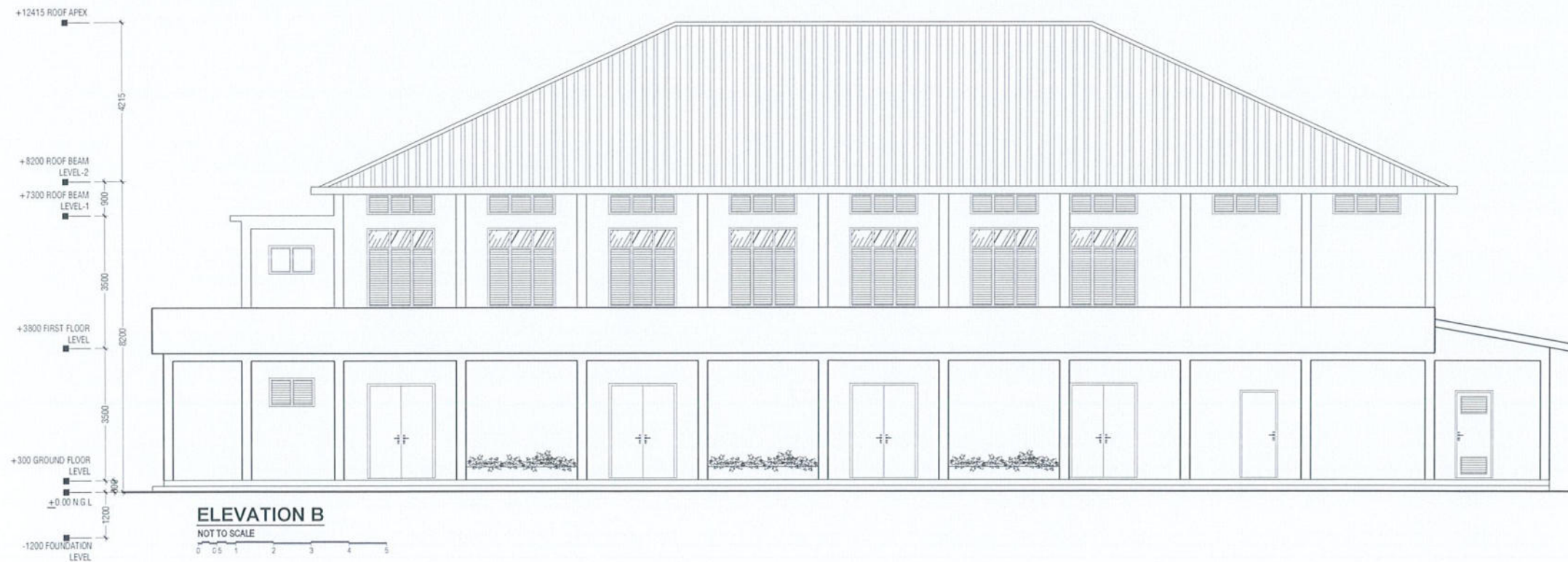
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3rd Floor, 11 Adam Avenue, Malé, Maldives

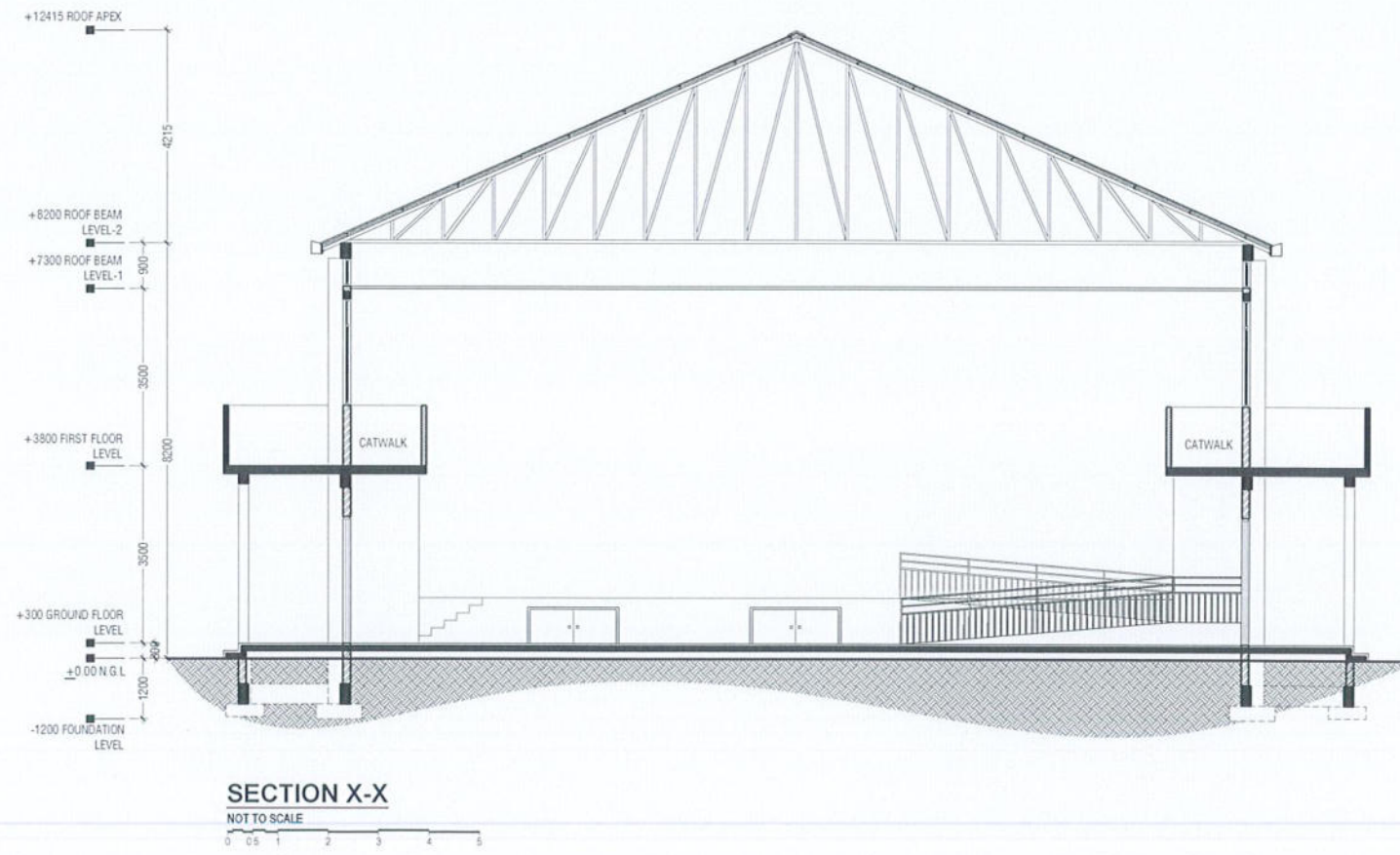
Title: Elevation A & C

Page: A-05/19

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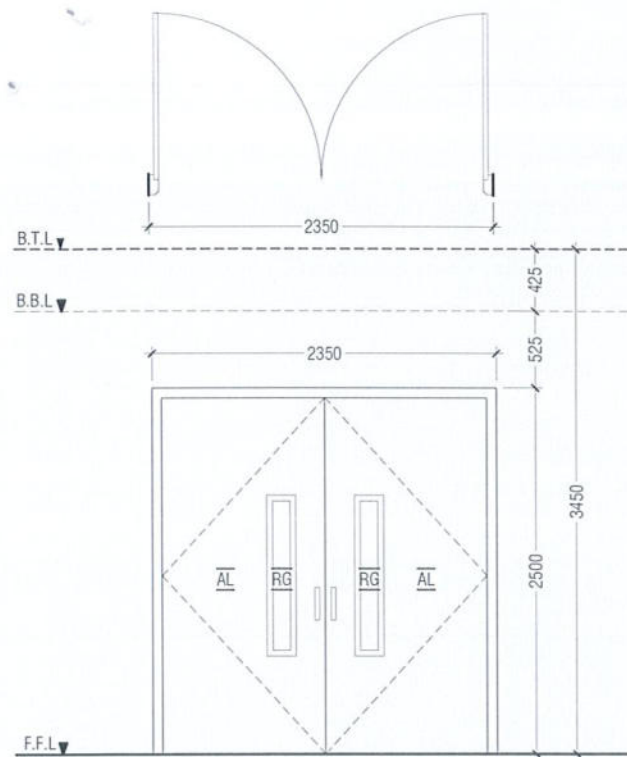




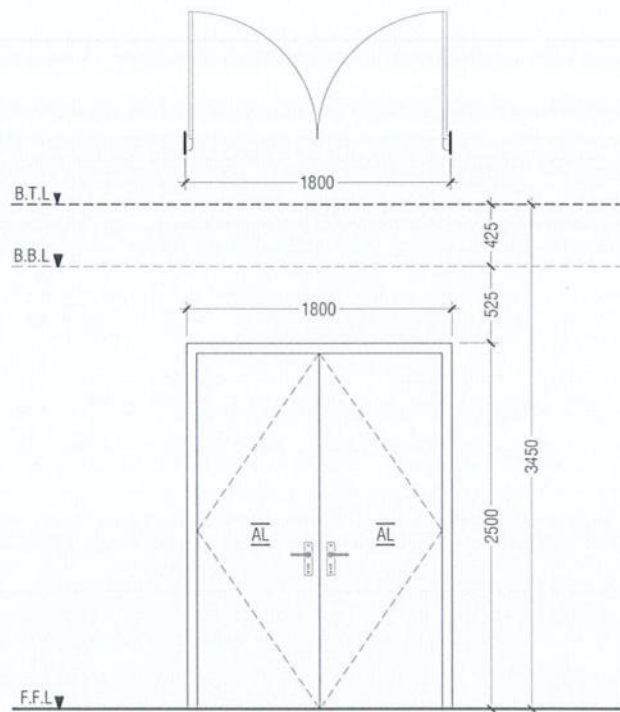
Ministry of National Planning & Infrastructure  
**ACCREDITED CHECKER**  
**ARCHITECTURAL CHECKER B1**  
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Accredited No: BPR2020039B1 B1-2020-039-001

Ministry of National Planning & Infrastructure  
**ACCREDITED CHECKER**  
**STRUCTURAL CHECKER A1**  
Name: Ahmed Zuhair Zaem VALIDITY: 29.09.19 - 28.09.20  
Accredited No: BPR2019035A1 A1-2019-035-001

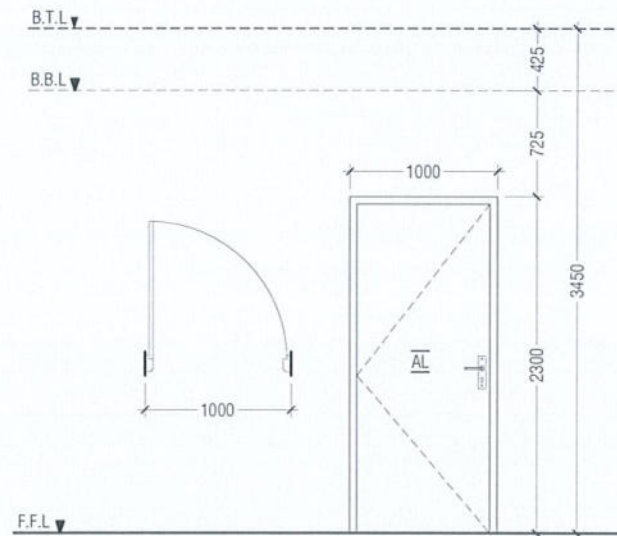




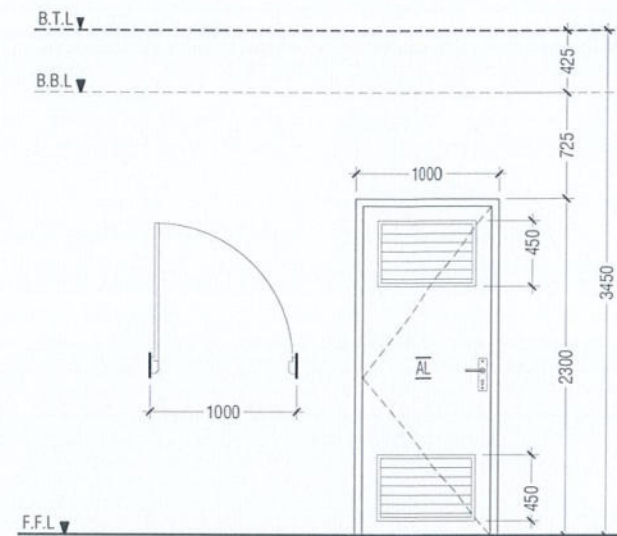
D1	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL GLASS ON PANEL : 6mm THK REFLECTIVE GLASS
LOCATION	HALL MAIN ENTRANCE
QUANTITY	01 NOS
OPEN AREA	5.39 sqm



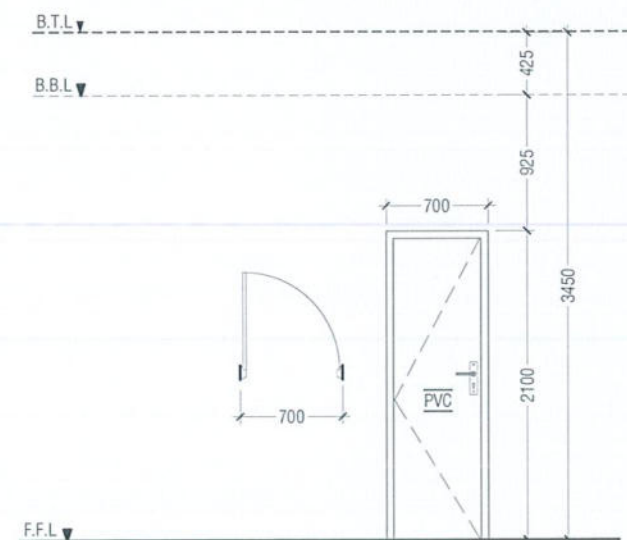
D2	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	HALL ENTRANCE
QUANTITY	10 NOS
OPEN AREA	4.05 sqm



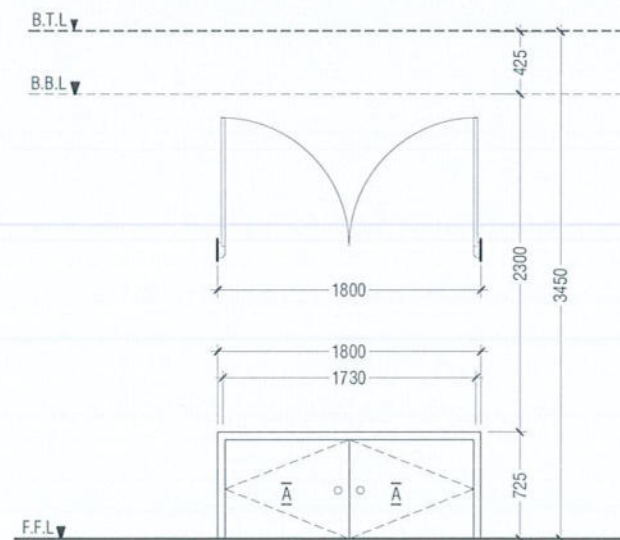
D3	SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	STAGE, CONTROL ROOM & STORE ROOM
QUANTITY	05 NOS
OPEN AREA	2.03 sqm



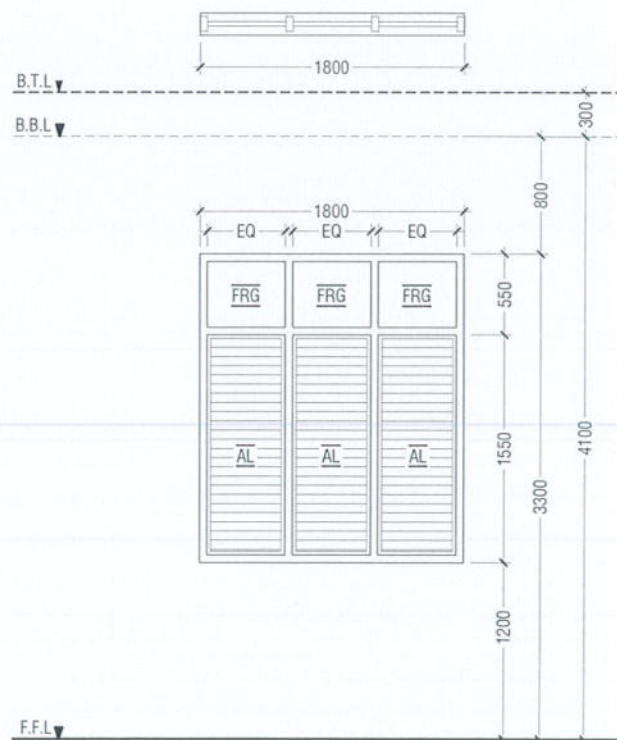
D4	SWING DOOR WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND ALUMINIUM LOUVERS
LOCATION	DISABLED TOILET
QUANTITY	01 NOS
OPEN AREA	2.03 sqm



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



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



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

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

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

## DOOR / WINDOW SCHEDULE - 1

SCALE 1:50  
 0 0.25 0.5 1 1.5 2 2.5



Lh.Kurendhoo School Hall  
 Client: Ministry of Education

Project Number: R/2017/012  
 Date: April 2020  
 Architect: Razana Amir  
 Engineer: Ahmad Zuhair Zaeem  
 Drawn by: Razana Amir  
 Services: Aishath Ahmed  
 Interior: -

Rev no  
 01 11 June 2019  
 02 07 April 2020

Date  
 11 June 2019  
 07 April 2020



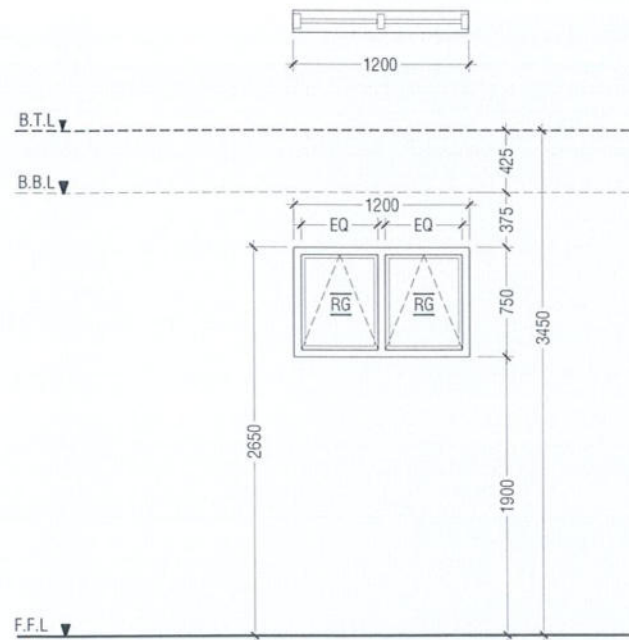
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 3rd floor, H. Azum, Ameraemigga, Male

Title: Door / Window  
 Schedule - 1

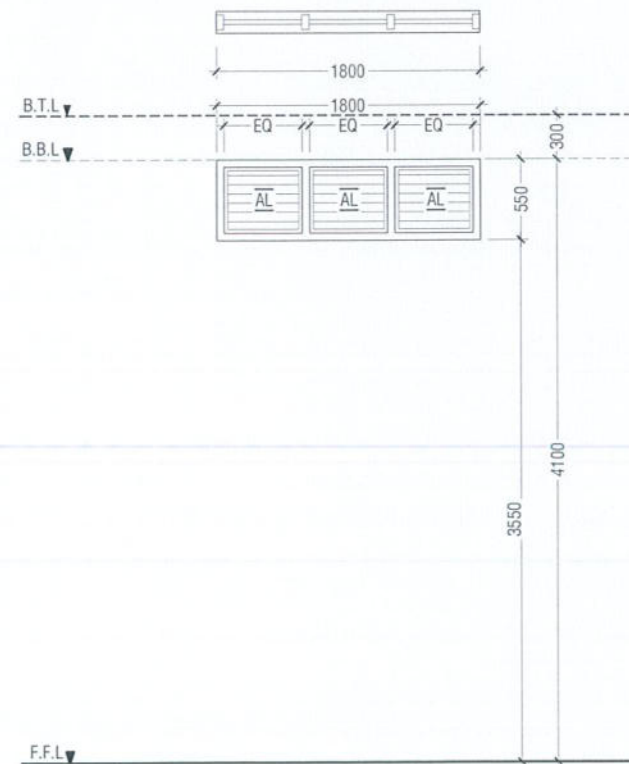
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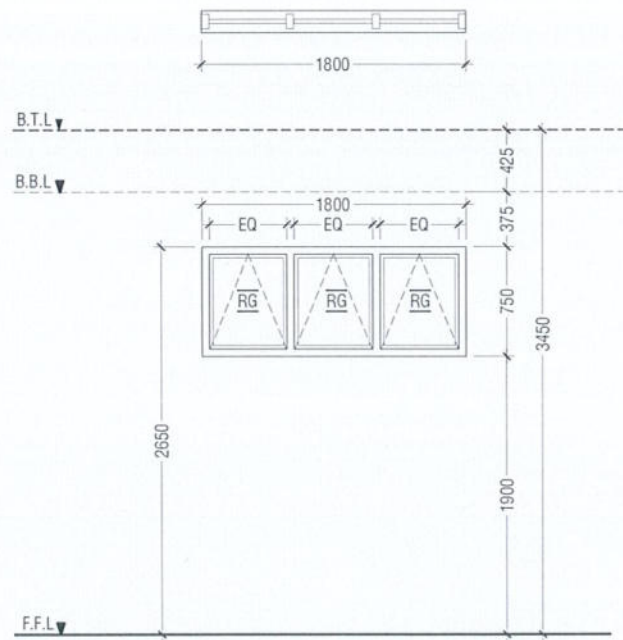




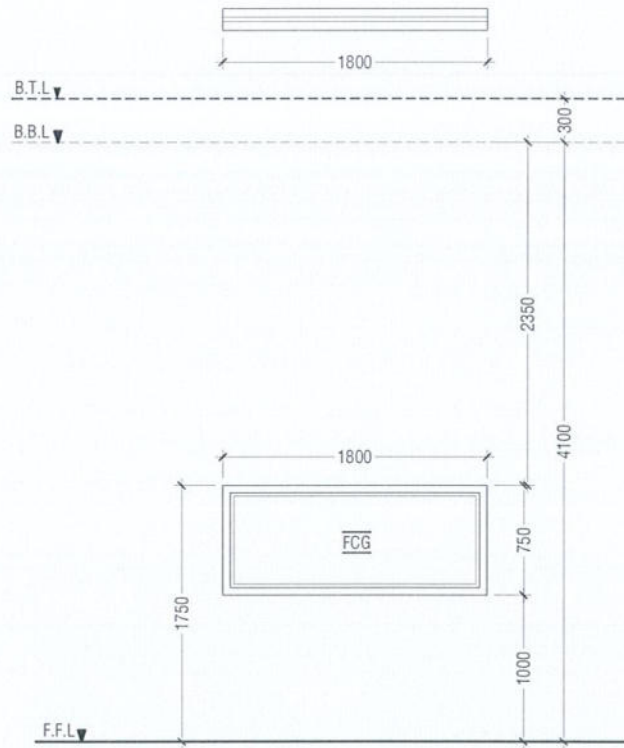
W2	TOP HUNG WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	STORE ROOM
QUANTITY	06 NOS
OPEN AREA	0.68 sqm



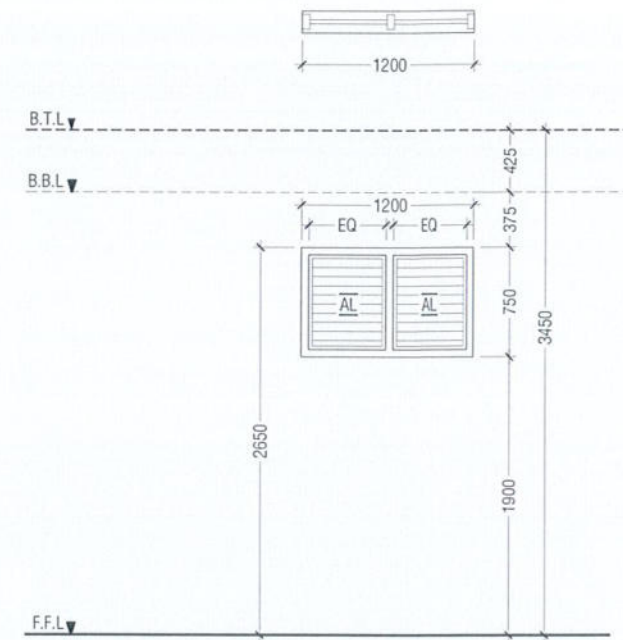
V2	WINDOW WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS
LOCATION	ABOVE HALL CEILING
QUANTITY	28 NOS
OPEN AREA	0.72 sqm



W3	TOP HUNG WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	CHANGING ROOMS
QUANTITY	02 NOS
OPEN AREA	1.04 sqm



W4	FIXED WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK CLEAR GLASS PANEL
LOCATION	CONTROL ROOM
QUANTITY	01 NOS
OPEN AREA	- sqm



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

## SCHEDULE OF VENTILATION LH.KURENDHOO SCHOOL

	Room name	Room Areas (sqm) ( Specify centre to centre or clear)	Window (opening) number	Required opening areas (sqm)	Designed opening areas (sqm)	Open %
	Ground Floor					
1	Multi-purpose Hall	394.00	D1, 8*D2 & 14*W1	39.40	71.39	18.12%
2	Electrical	15.05	3*V1	1.51	2.04	13.55%
3	Changing Room -1	7.09	W3	0.71	1.04	14.67%
4	Changing Room -2	9.19	W3	0.92	1.04	11.32%
5	Store Room	7.09	D2 & W2	0.71	4.73	66.71%
6	Toilet for Disable	5.10	D4	0.51	2.03	39.80%
7	Toilet (Male)	13.01	RC FINS			
8	Toilet (Female)	9.22	RC FINS			
	First Floor					
9	Control Room	11.49	2*W2	1.15	1.36	11.84%
10	Store Room	15.04	3*W2	1.50	2.04	13.56%

## VENTILATION SCHEDULE

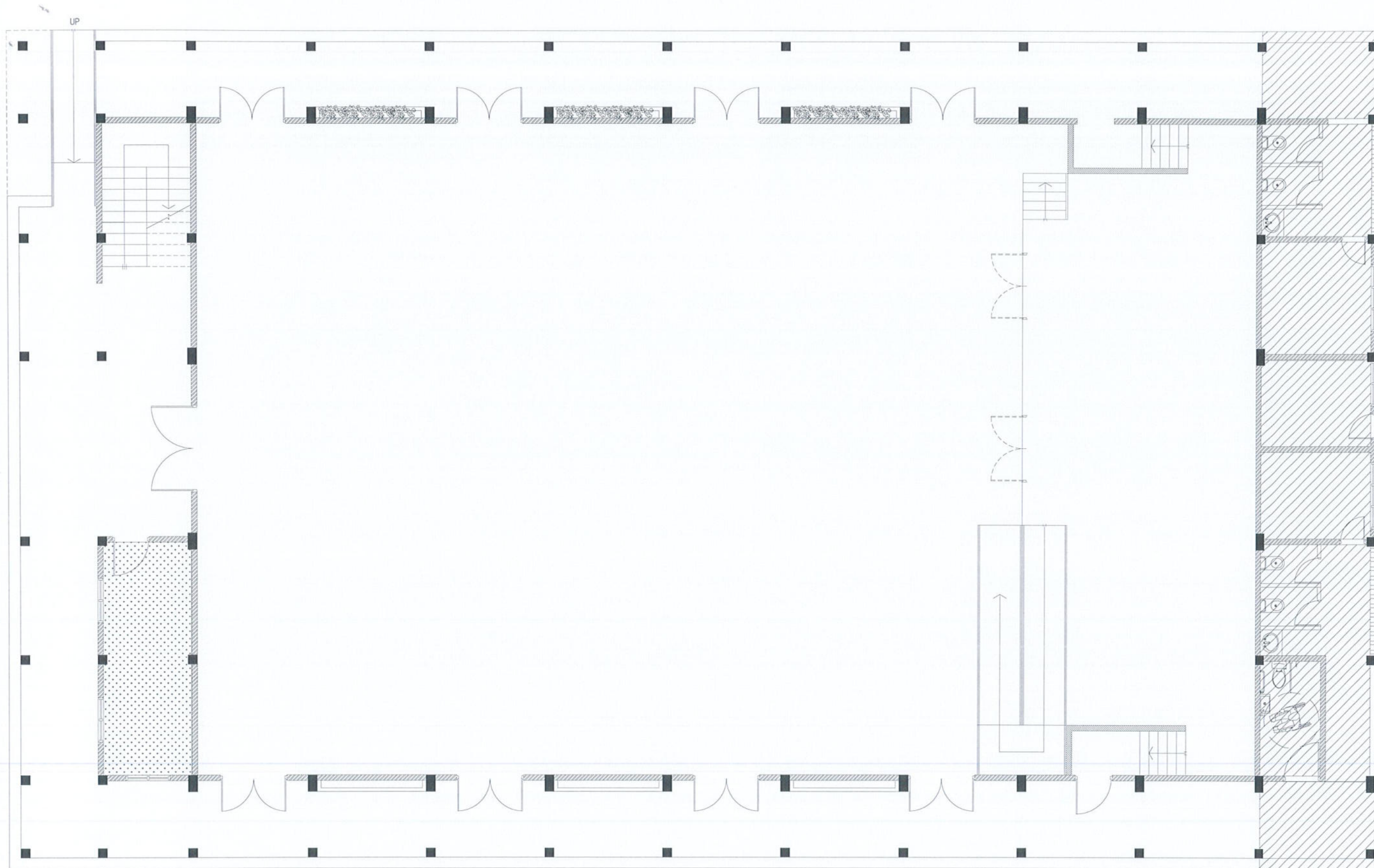
LEGEND:  
FCG - FIXED CLEAR GLASS  
FRG - FIXED REFLECTED GLASS  
RG - REFLECTED GLASS  
AL - ALUMINIUM  
PVC - POLYVINYL CHLORIDE

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

## DOOR / WINDOW SCHEDULE - 2

SCALE 1:50  
0 0.25 0.5 1 1.5 2 2.5





# **GROUND FLOOR REFLECTED CEILING PLAN**

NOT TO SCALE



## **LEGEND**

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

Lh. Kurendhoo School Hall  
Client: Ministry of Education

Project Number: R/2017/012  
Date: April 2020  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zaeem  
Drawn by: Razana Amir  
Services: Ashraf Ahmed  
Interior: -

Rev no	Date
01	11 June 2019
02	07 April 2020
--	--

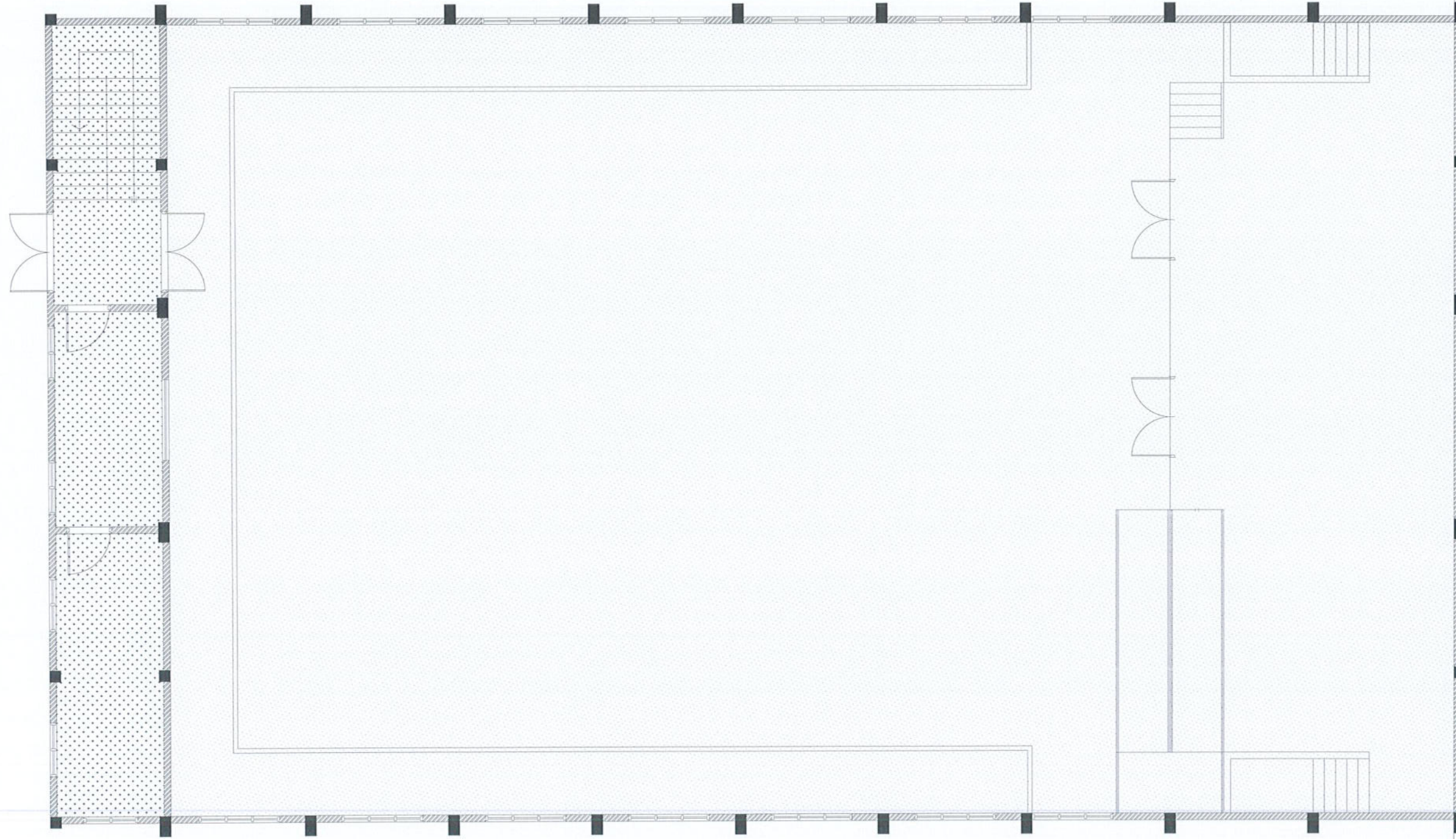
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3rd floor, H. Azam, Ameermeenaga, Male  
Title: Ground Floor Reflected Ceiling Plan  
Page: A-10/19







# **FIRST FLOOR REFLECTED CEILING PLAN**

NOT TO SCALE

## **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

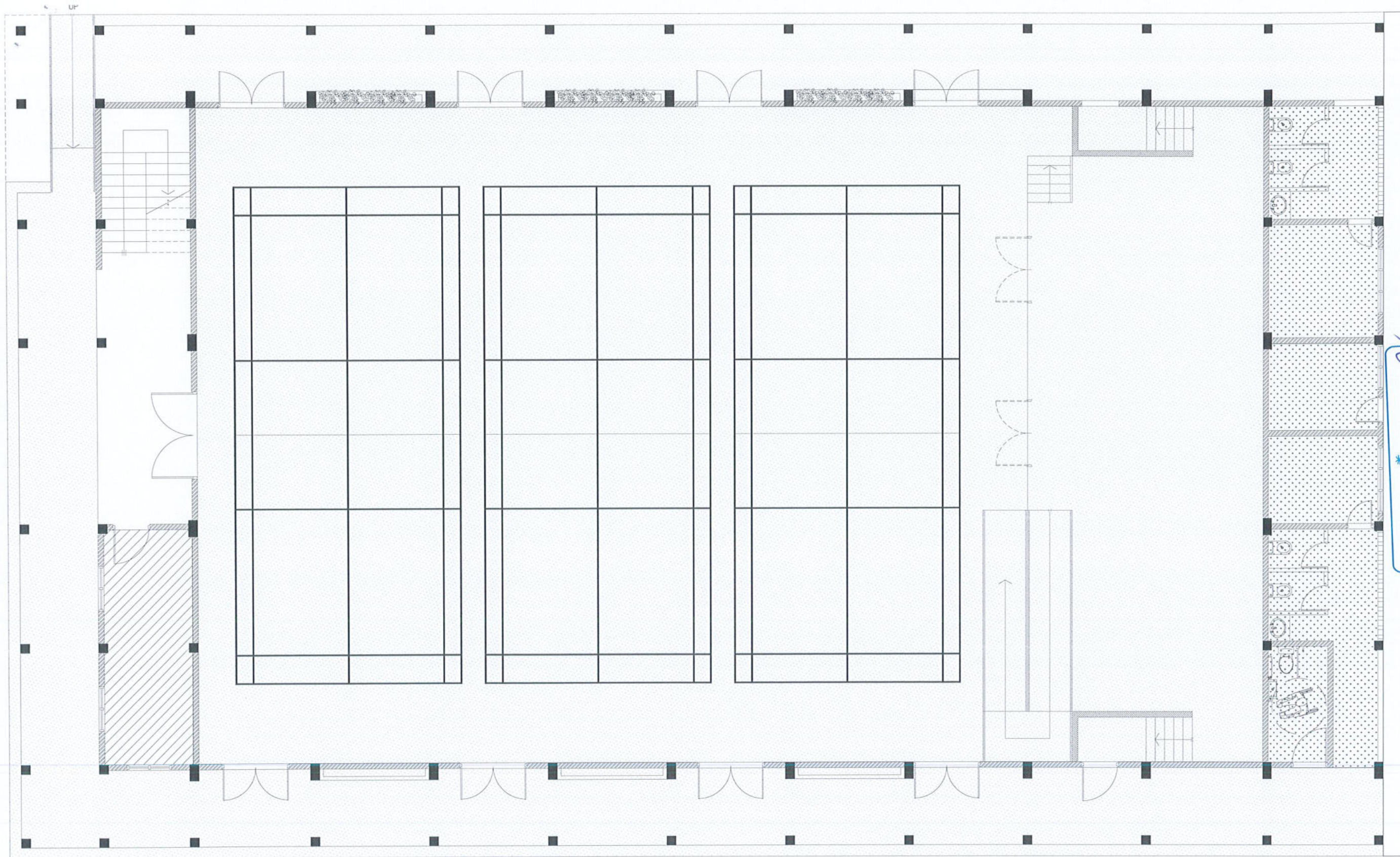


Project Number: RI/2017/012	Rev no	Date
Date: April 2020	01	11 June 2019
Architect : Razana Amir	02	07 April 2020
Engineer : Ahmed Zuhair Zaeem	--	--
Drawn by : Razana Amir	--	--
Services : Aishah Ahmed	--	--
Interior : --	--	--

Lh. Kurendhoo School Hall  
Client: Ministry of Education

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# **GROUND FLOOR FLOOR FINISHES PLAN**

NOT TO SCALE

0 0.5 1 2 3 4 5

## **LEGEND**

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

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

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

Lh. Kurendhoo School Hall  
Client: Ministry of Education

Rev no	Date
01	11 June 2019
02	07 April 2020
--	--

Project Number: R/2017/012  
Date: April 2020  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zakiem  
Drawn by: Razana Amir  
Services: Aishath Ahmed  
Interior: -



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3rd floor, H. Azam, Kurendhoo, Male'

Title: Ground Floor Floor Finishes Plan


Page: A-12/19

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# **FIRST FLOOR FLOOR FINISHES PLAN**

NOT TO SCALE



## **LEGEND**

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

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

Lh. Kurendhoo School Hall  
Client: Ministry of Education

Project Number: R/2017/012  
Date: April 2020  
Architect: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Drawn by: Razana Amir  
Services: Ashraf Ahmed  
Interior: -

Rev no	Date
01	11 June 2019
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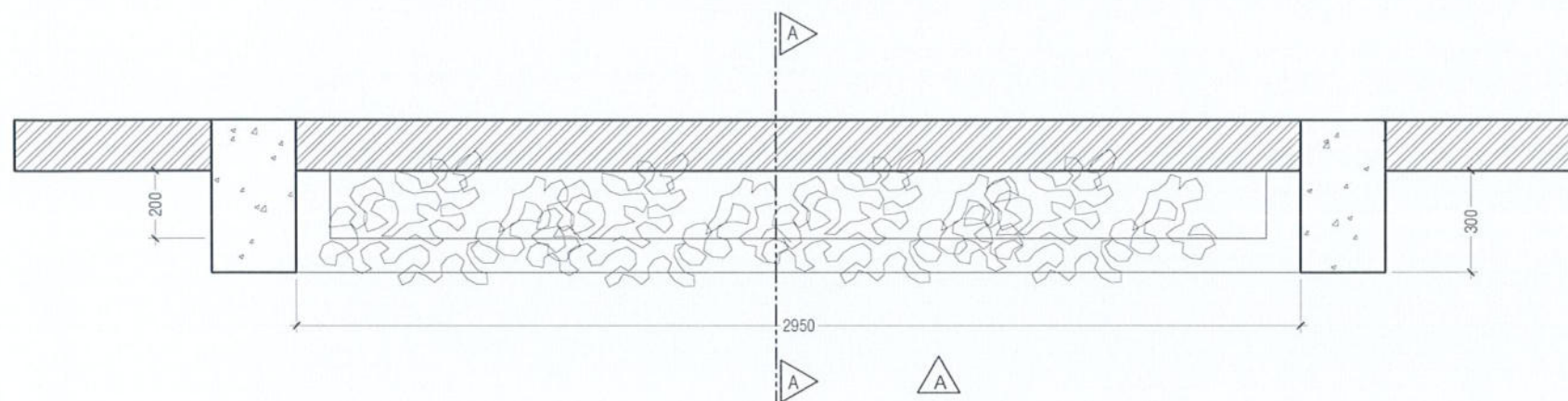
Ministry of National Planning & Infrastructure  
**ACCREDITED CHECKER A1**  
Name: Ahmed Zuhail Zaeem  
Accredited No: BFR2019035A1  
Validity: 29.09.19 - 28.09.20  
A1-2019-035-001

Ministry of National Planning & Infrastructure  
**ACCREDITED CHECKER B1**  
Name: Maryam Irasha Shareef  
Accredited No: BPR2020039B1  
Validity: 28.01.20 - 27.01.21  
B1-2020-039-001

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3rd floor, H. Azum, Kneeneemagau Male  
Title: First Floor Floor Finishes Plan  
Page: A-13/19

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**PLAN**

SCALE 1:20

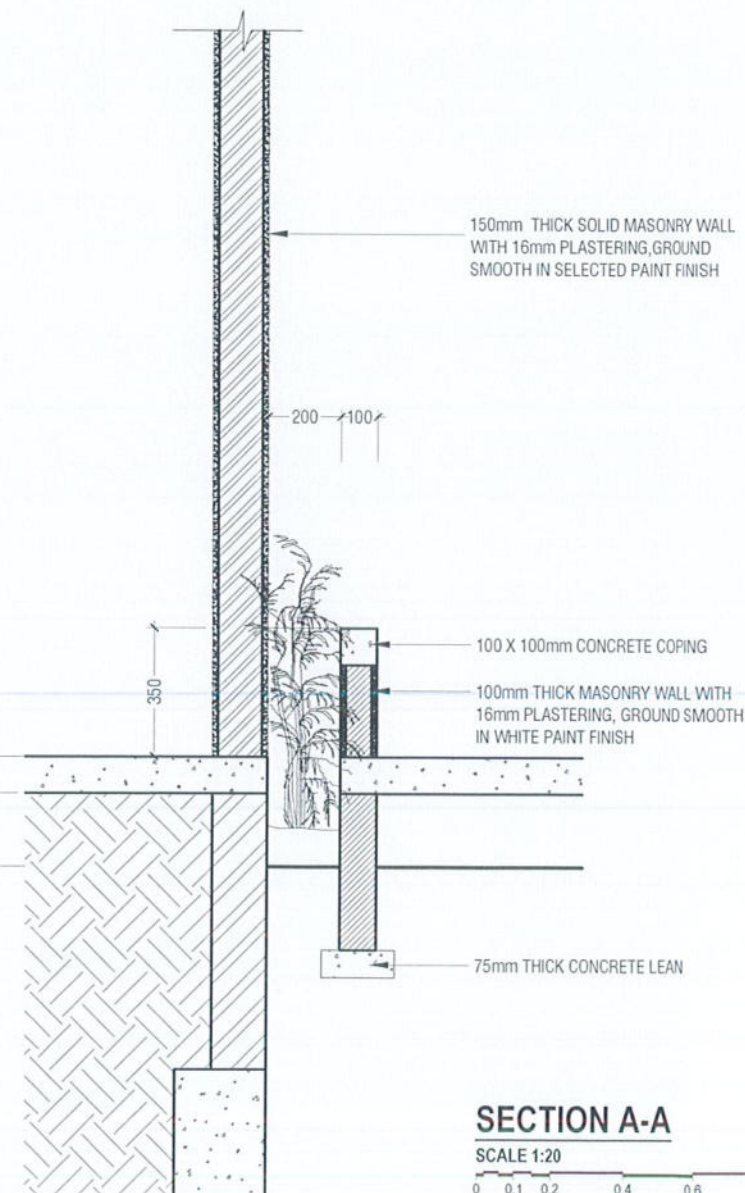


**ELEVATION A**

SCALE 1:20



## PLANTER BOX DETAILS

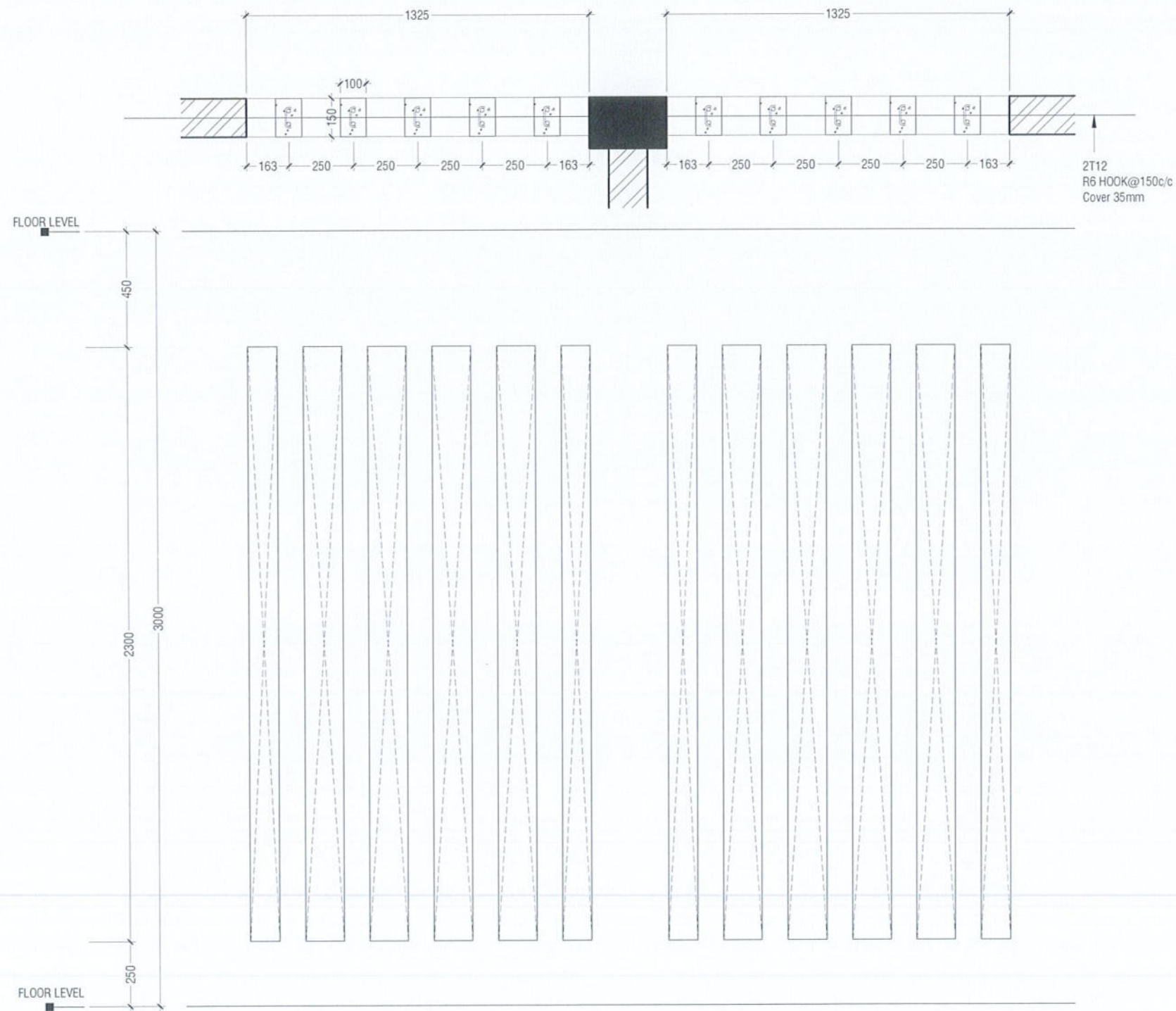


**SECTION A-A**

SCALE 1:20







## RC FIN DETAILS

SCALE 1:20



Lh.Kurendhoo School Hall  
Client: Ministry of Education

Rev no	Date
01	11 June 2019
02	07 April 2020
--	--
--	--

Project Number: RI/2017/012  
Date: April 2020  
Architect: Razana Amir  
Engineer: Ahmed Zuhail Zuhail  
Drawn by: Razana Amir  
Services: Aishath Ahmed  
Interior: --



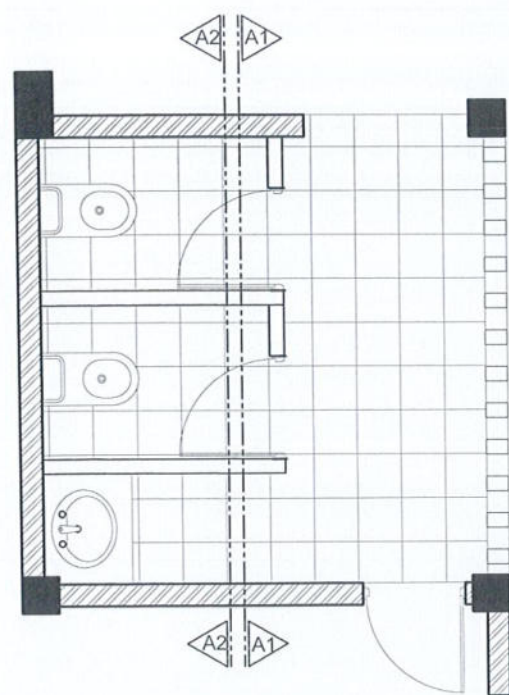
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3rd floor, H. Azim, Ameermeegha, Malé

Title: RC Fin Detail

Page: A-15/19

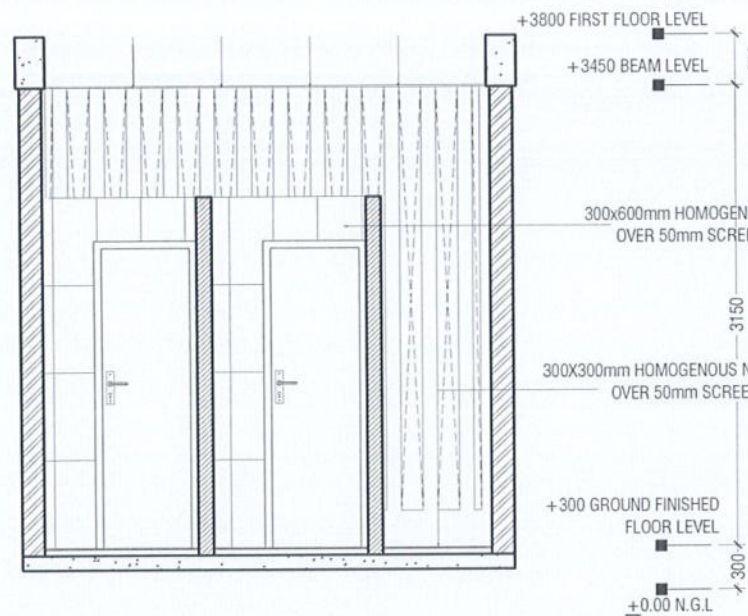
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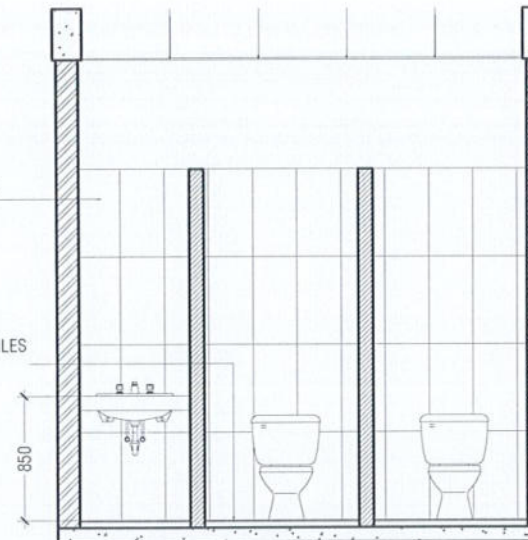
**TYPICAL TOILET PLAN**

SCALE 1:50  
0 0.25 0.5 1 1.5 2 2.5



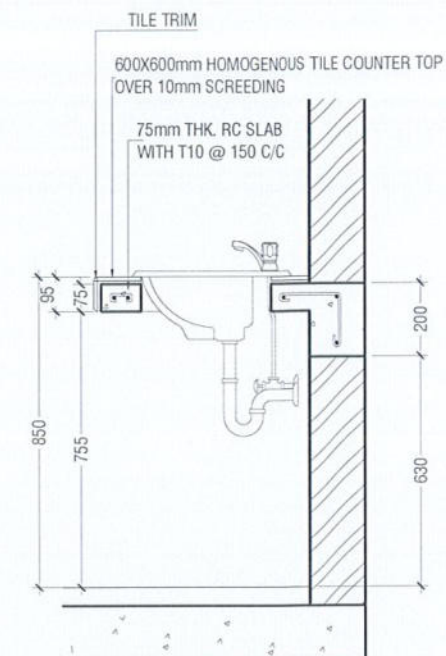
**SECTION A1-A1**

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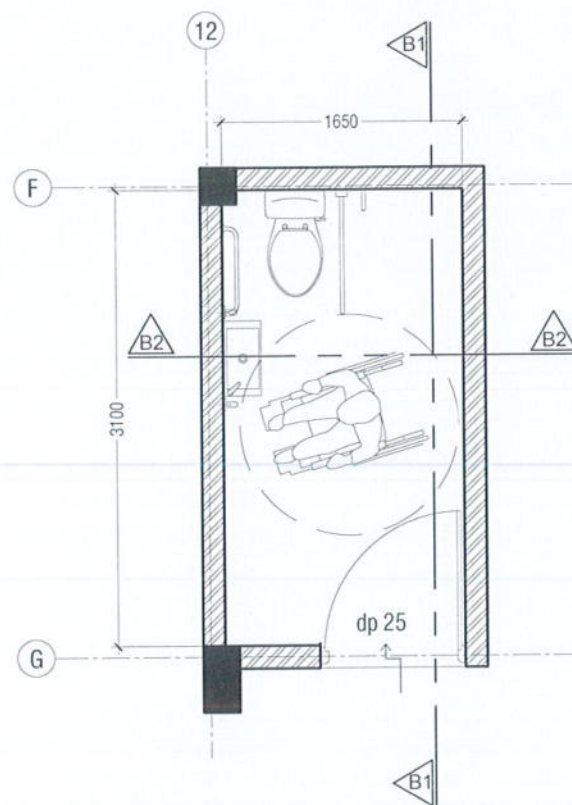
**SECTION A2-A2**

SCALE 1:50  
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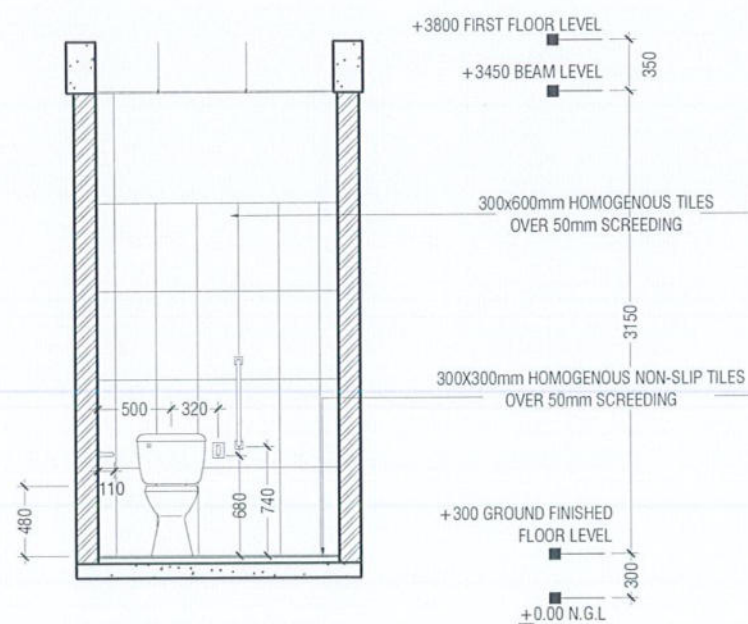
**COUNTER TOP DETAILS**

SCALE 1:20  
0 0.1 0.2 0.4 0.6 0.8 1



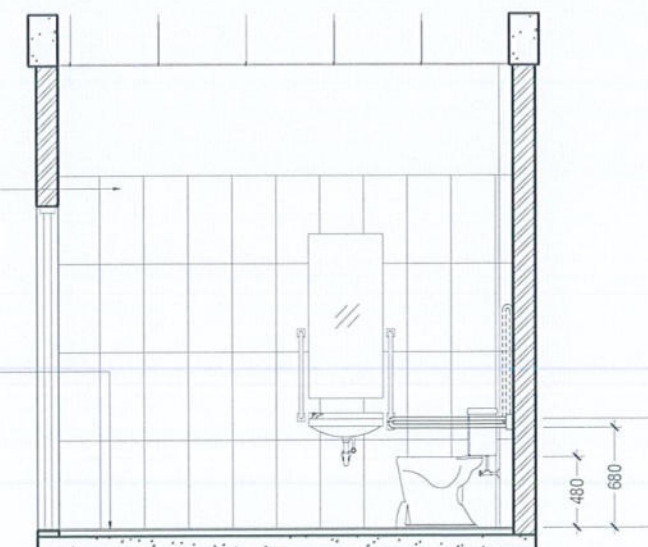
**TOILET FOR PERSONS WITH DISABILITIES PLAN**

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



Lh.Kurendhoo School Hall  
Client: Ministry of Education

Rev no	Date
01	11 June 2019
02	07 April 2020
03	07 April 2020



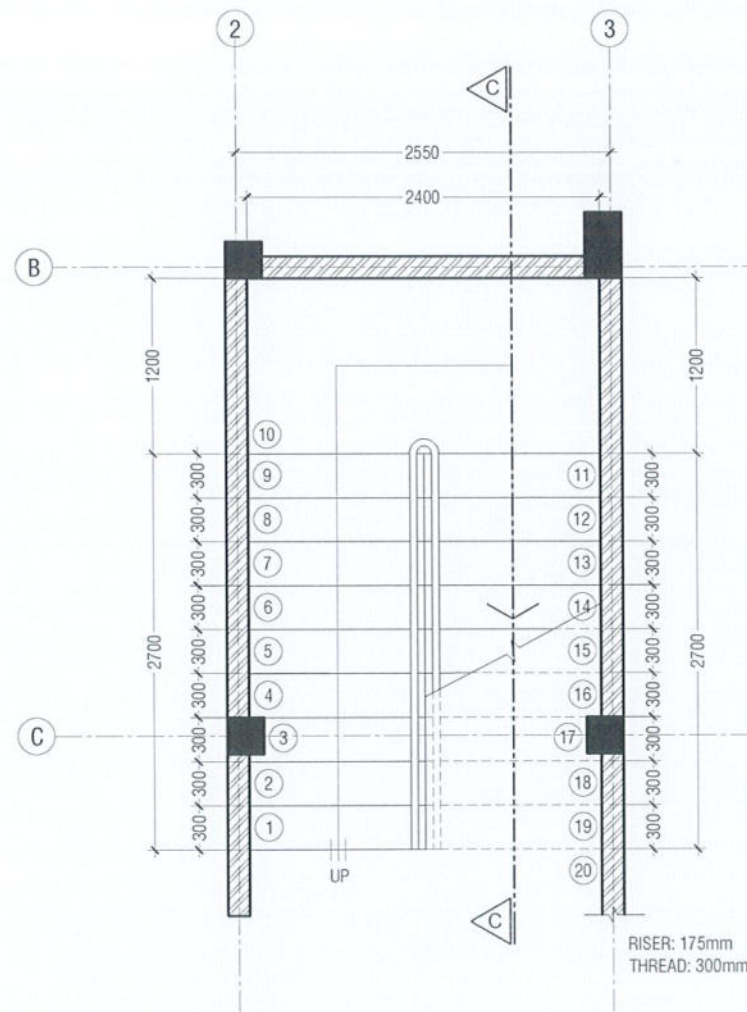
RIYAN PRIVATE LIMITED  
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3rd floor, H. Azum, Ammanemogoo, Male

Title: Toilet details

Page: A-16/19

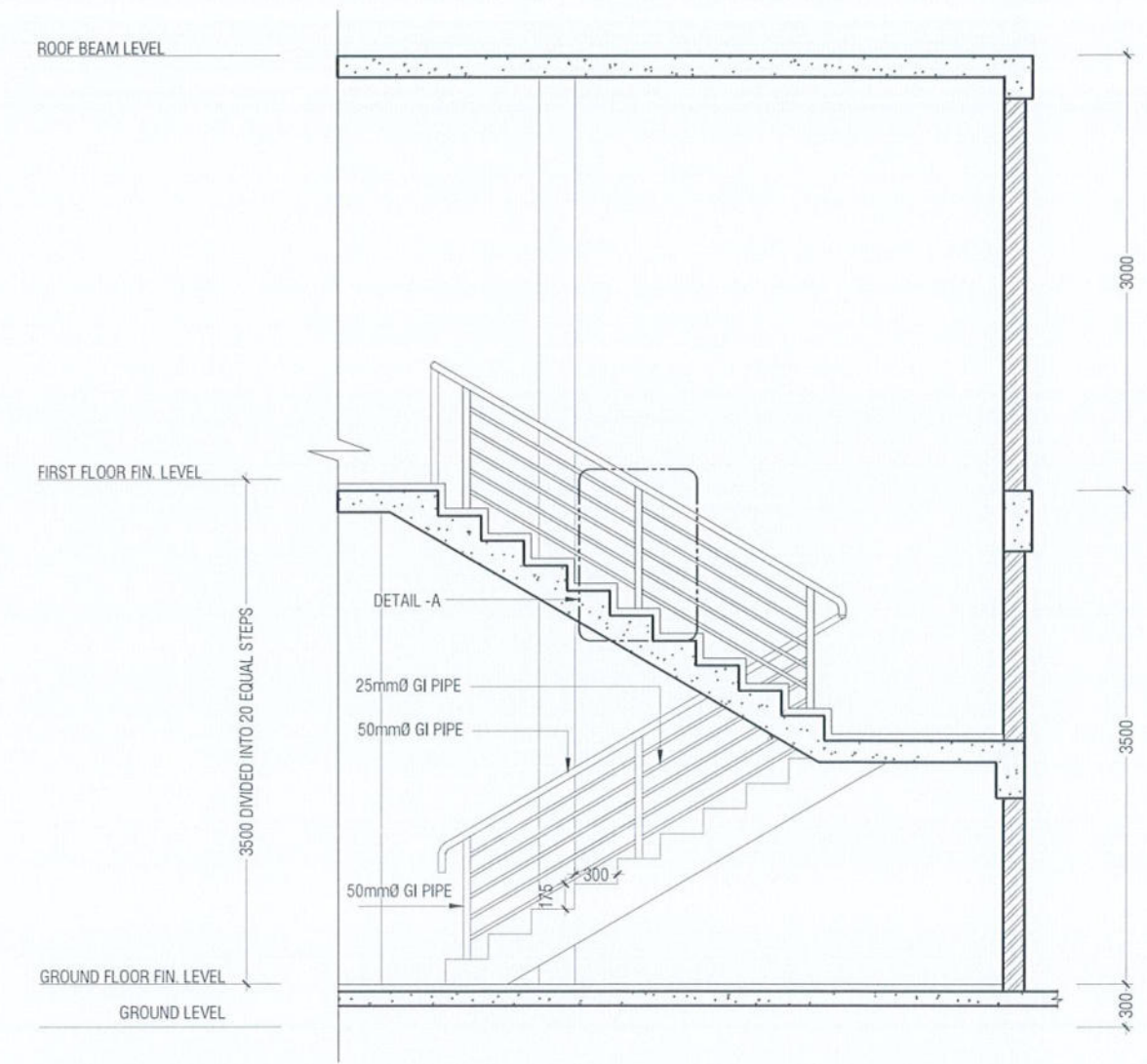
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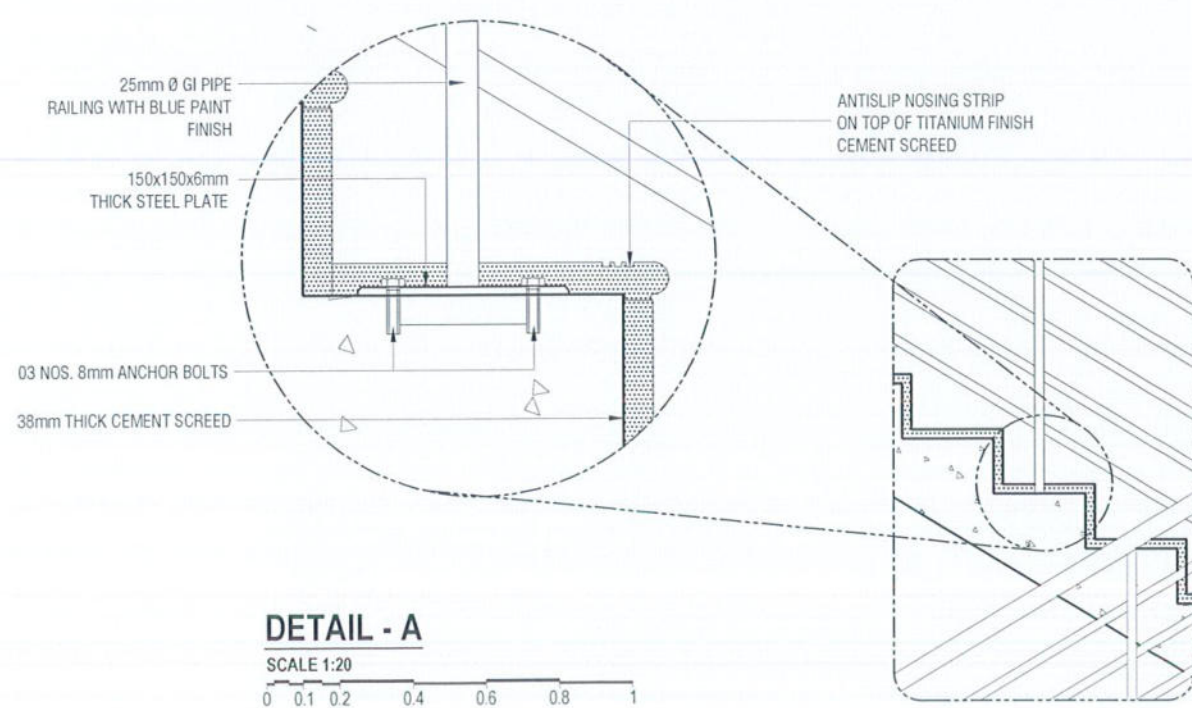
**MAIN STAIRCASE PLAN**

SCALE 1:50  
0 0.25 0.5 1 1.5 2 2.5



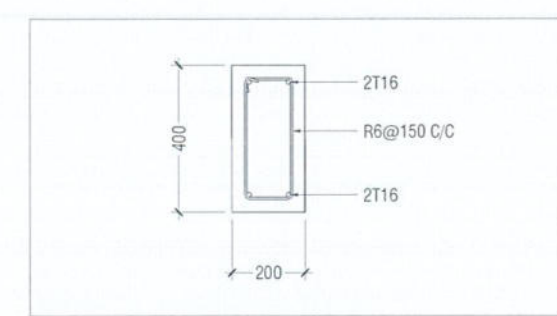
**SECTION C-C**

SCALE 1:50  
0 0.25 0.5 1 1.5 2 2.5



**DETAIL - A**

SCALE 1:20  
0 0.1 0.2 0.4 0.6 0.8 1



**HALF LANDING BEAM**

SCALE 1:20  
0 0.1 0.2 0.4 0.6 0.8 1

**MAIN STAIRCASE DETAILS**

SCALE 1:50  
0 0.25 0.5 1 1.5 2 2.5

Ministry of National Planning & Infrastructure  
**ACCREDITED CHECKER**  
ARCHITECTURAL CHECKER B1  
Name: Maryam Irasha Shareef VALUITY: 28.01.20 - 27.01.21  
Accredited No: BPR2020039B1

Ministry of National Planning & Infrastructure  
**ACCREDITED CHECKER**  
STRUCTURAL CHECKER A1  
Name: Ahmed Zuhail Zaeem VALUITY: 29.09.19 - 28.09.20  
Accredited No: SPR2019035A1

Lh.Kurendhoo School Hall  
Client: Ministry of Education

Rev no	Date
01	11 June 2019
02	07 April 2020
03	07 April 2020

Project Number: R/2017/012  
Date: April 2020  
Architect: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Drawn by: Razana Amir  
Services: Asst. Archt. Ahmed  
Interior: -

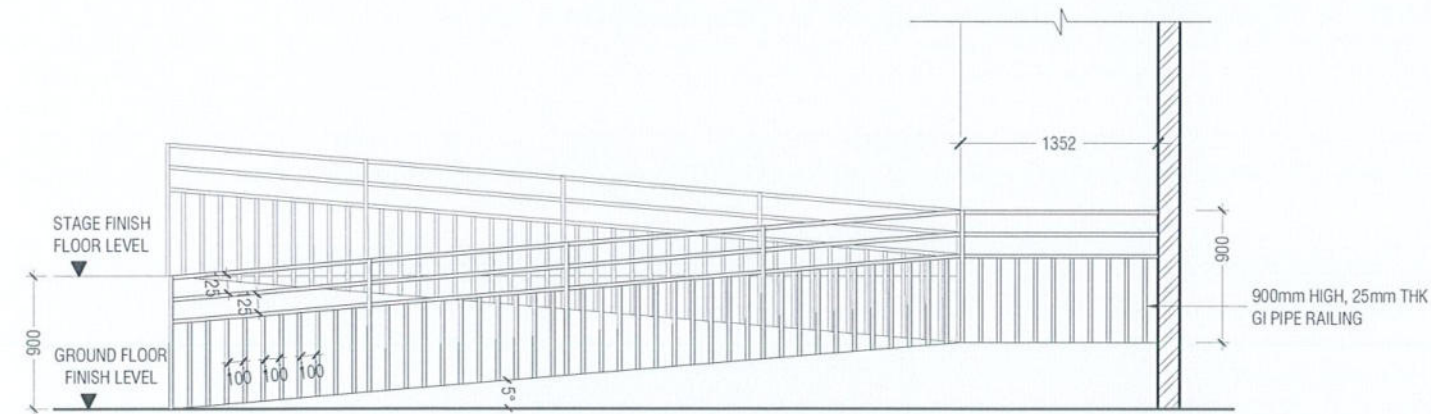
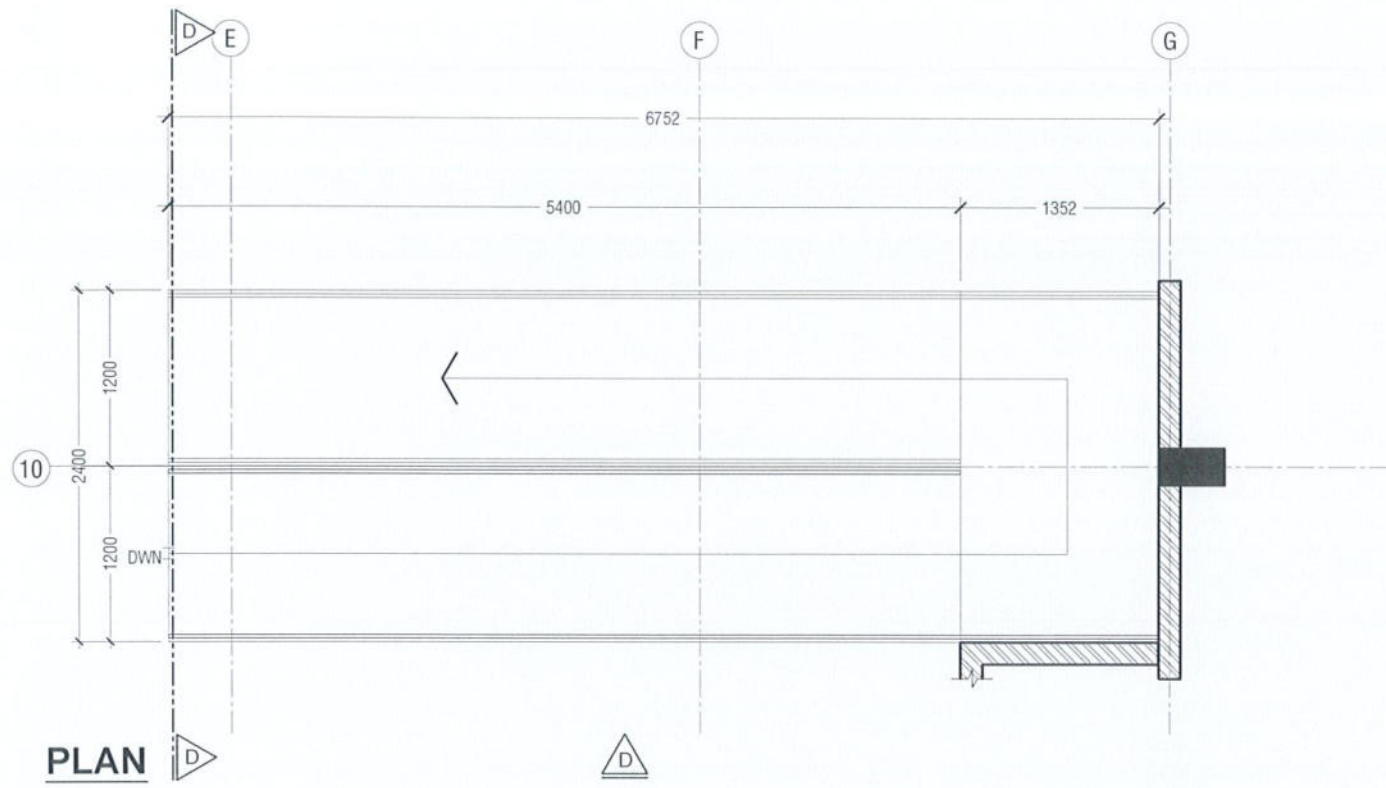


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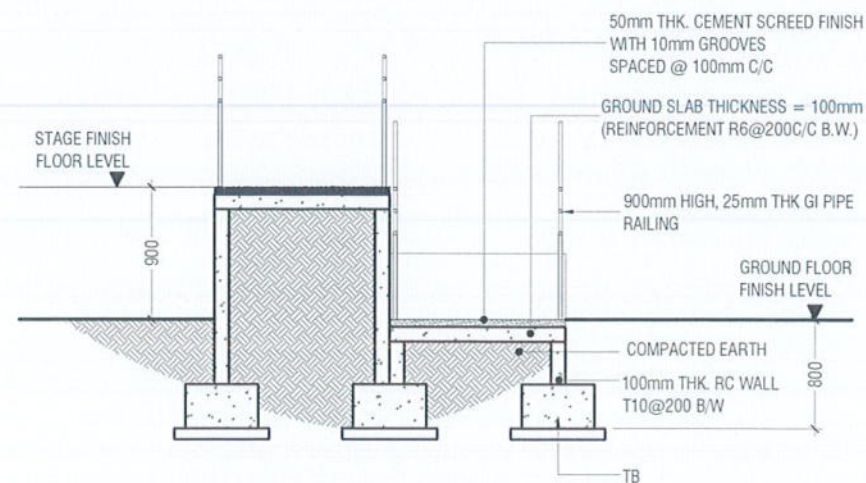
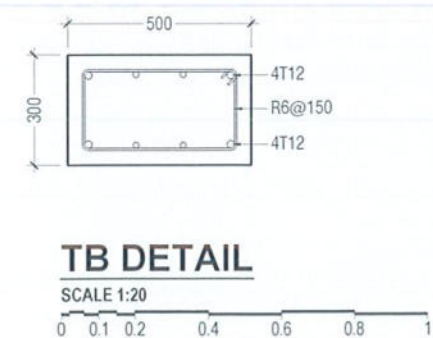
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3rd floor, H. Adam, Almereeneegua, Malé

Title: Main Staircase Detail

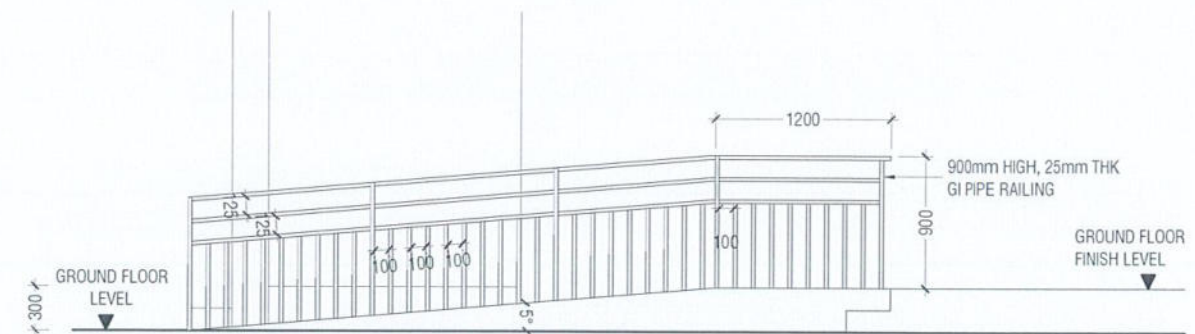
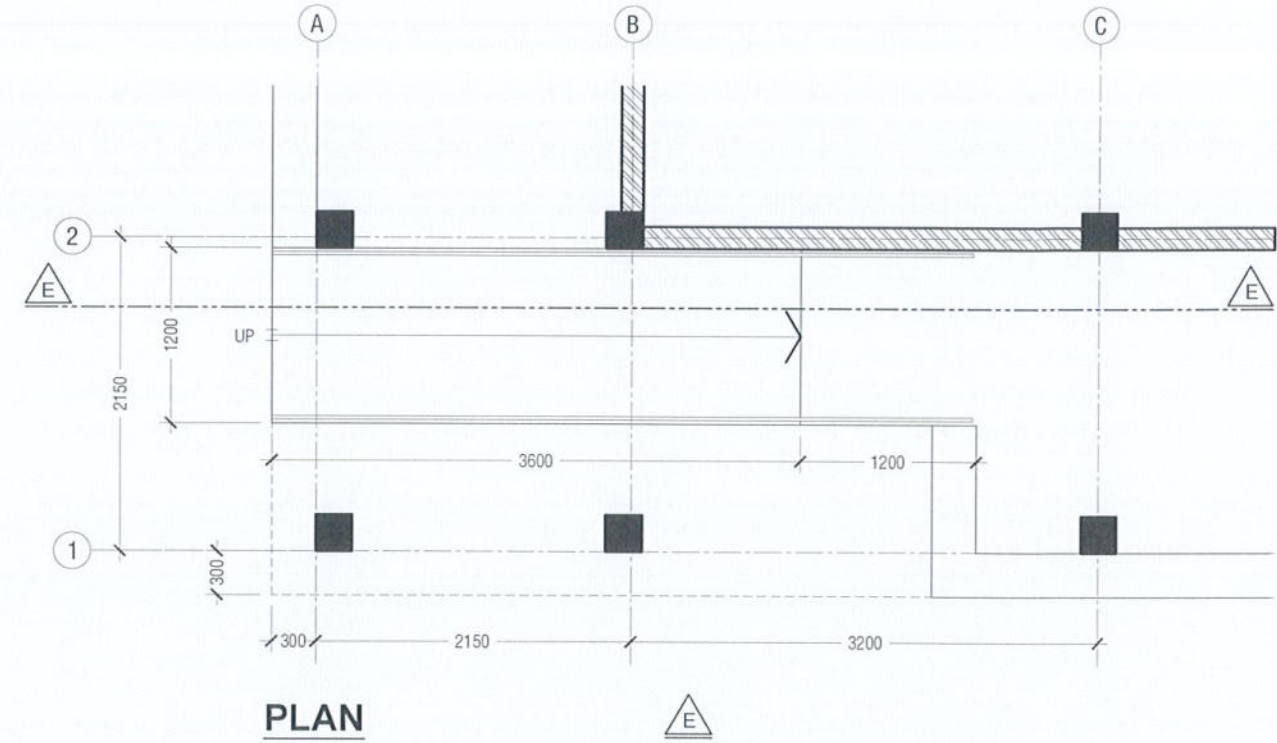




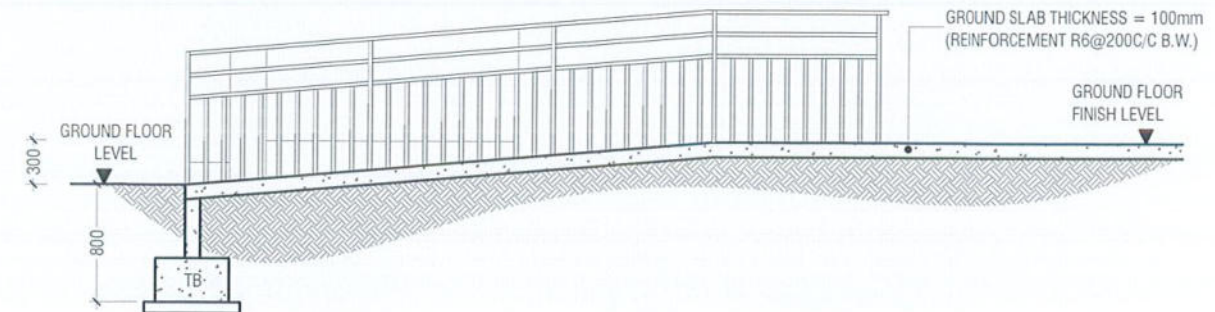
**ELEVATION D**



**SECTION D-D**



**ELEVATION E**

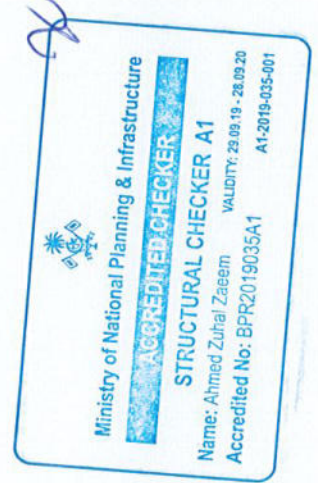
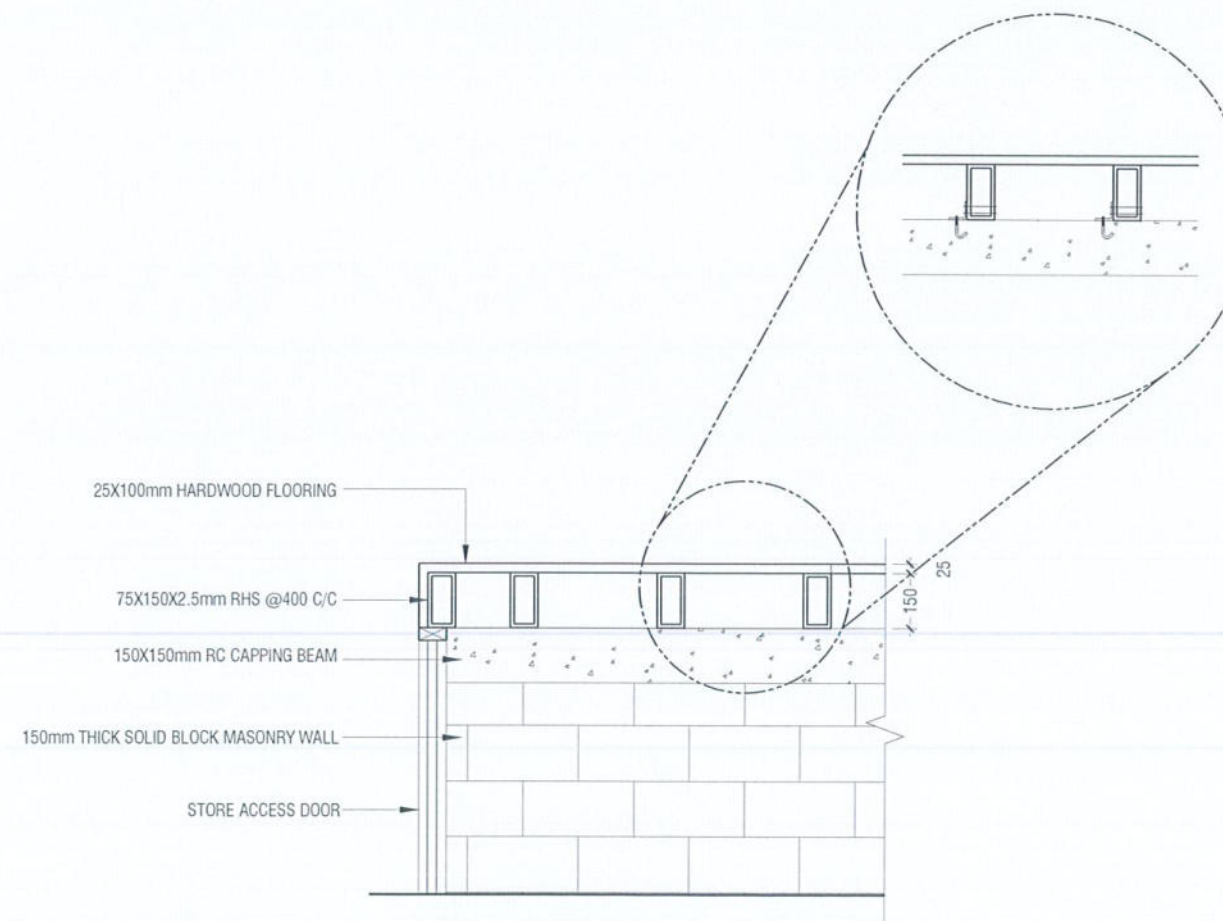
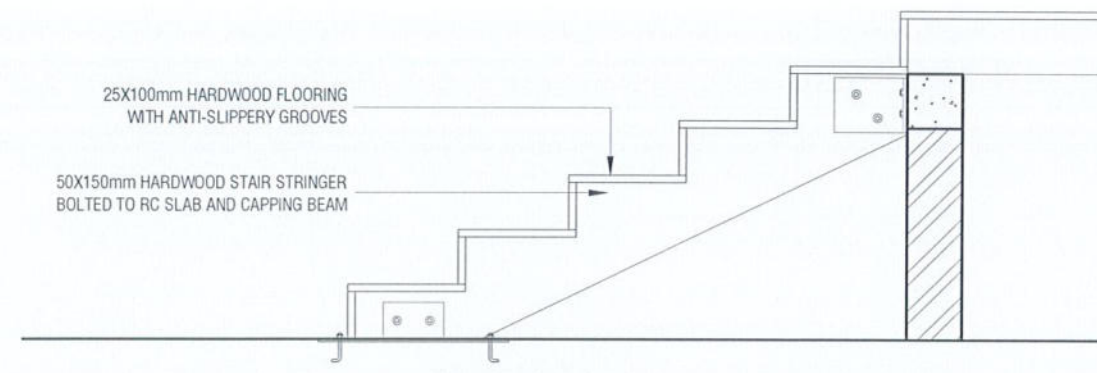
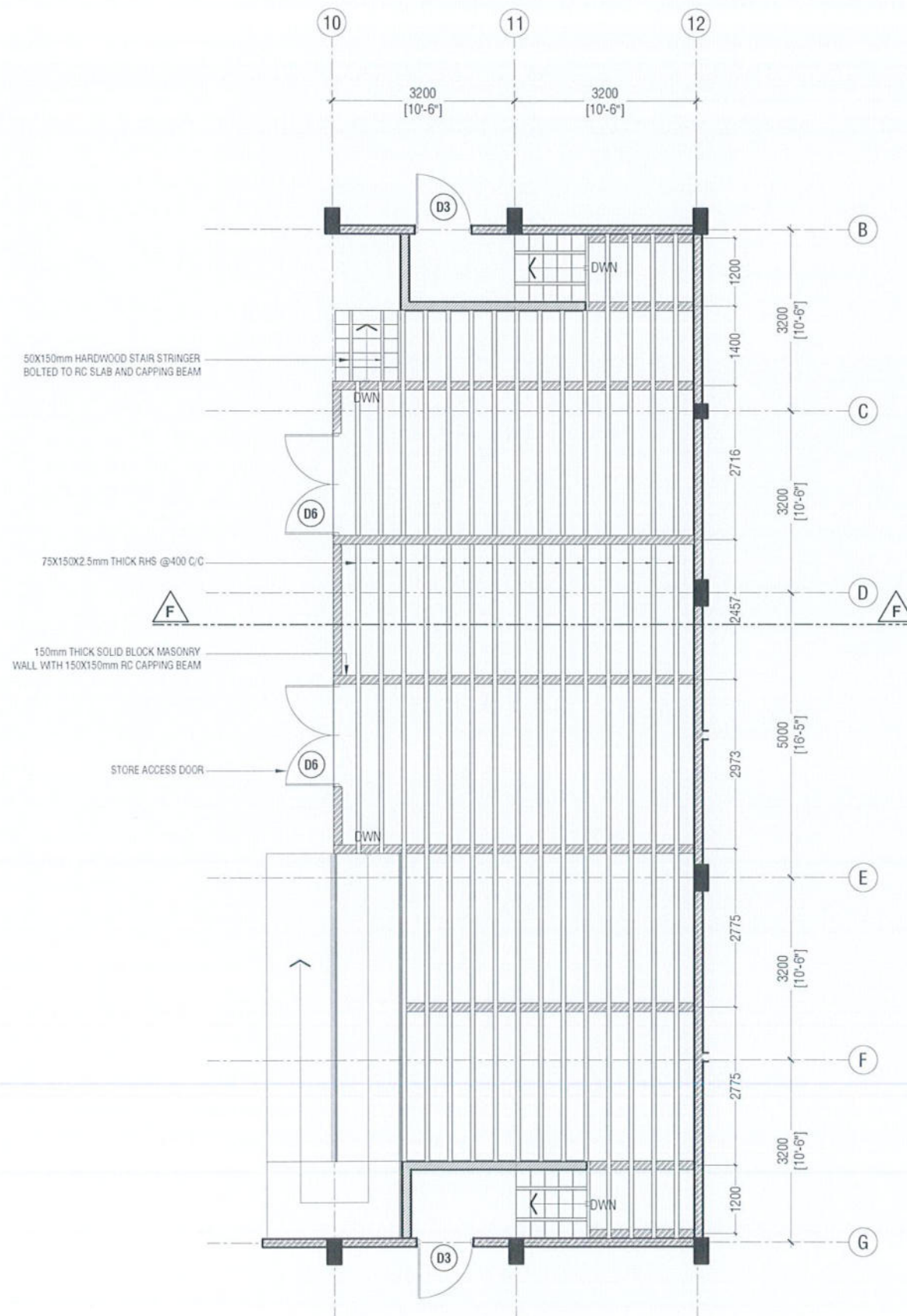


**SECTION E-E**

**MAIN ENTRANCE RAMP DETAIL**







**Lh. Kurendhoo School Hall**  
**Client: Ministry of Education**

Rev no	Date
01	11 June 2019
02	07 April 2020

Project Number: RV2017/012  
Date: April 2020  
Architect: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Drawn by: Razana Amir  
Services: Aishath Ahmed

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3rd floor, H. Azum, Ameremmagu, Malé

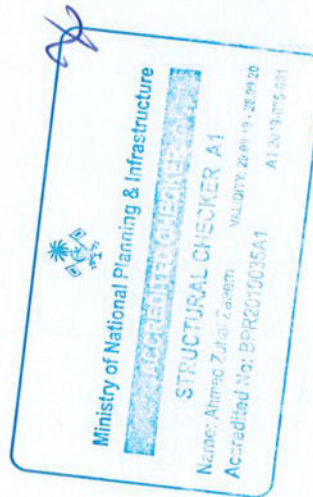
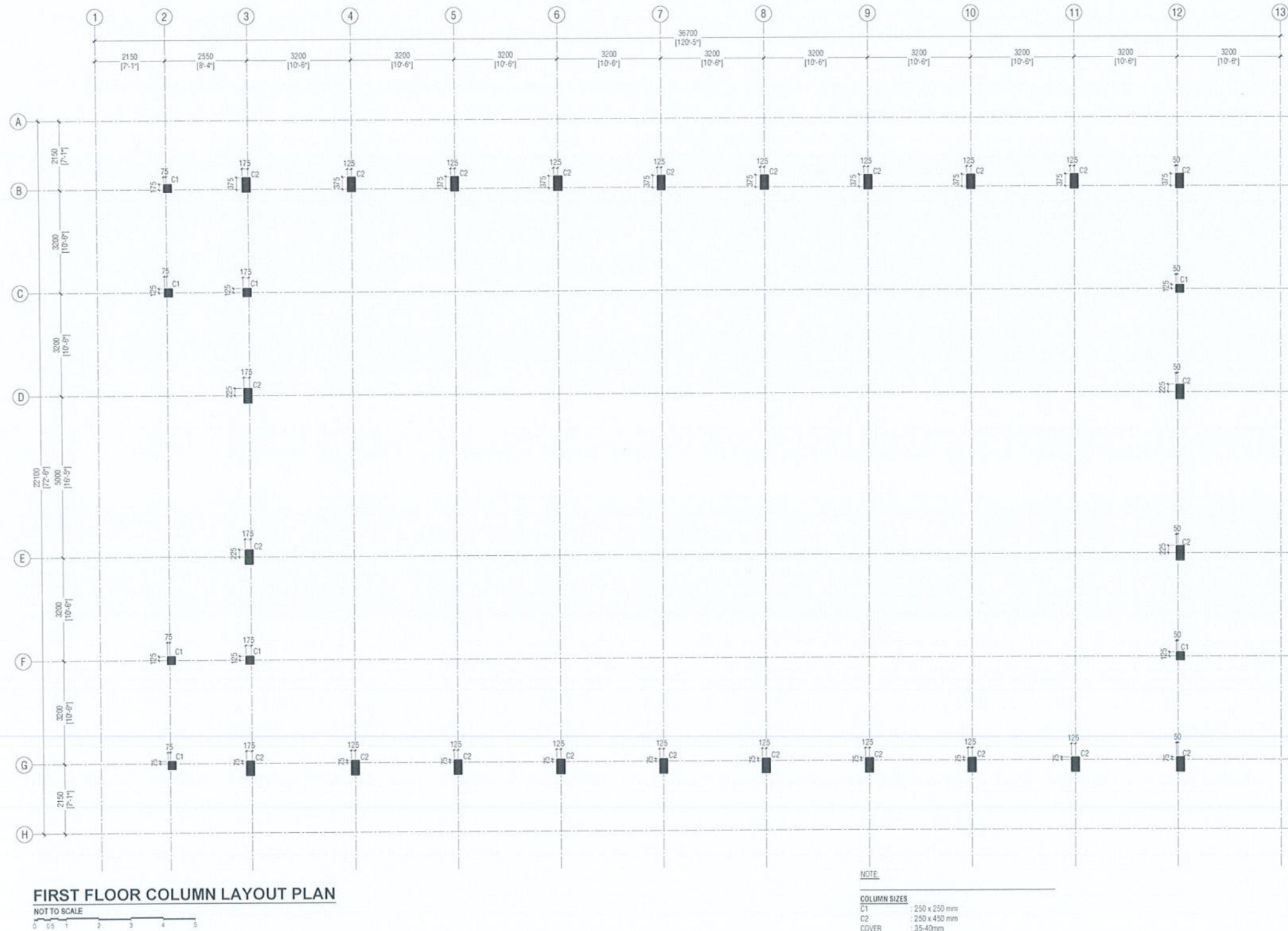
Title: Stage Framing Plan & Details & Details  
Page: A-19/19

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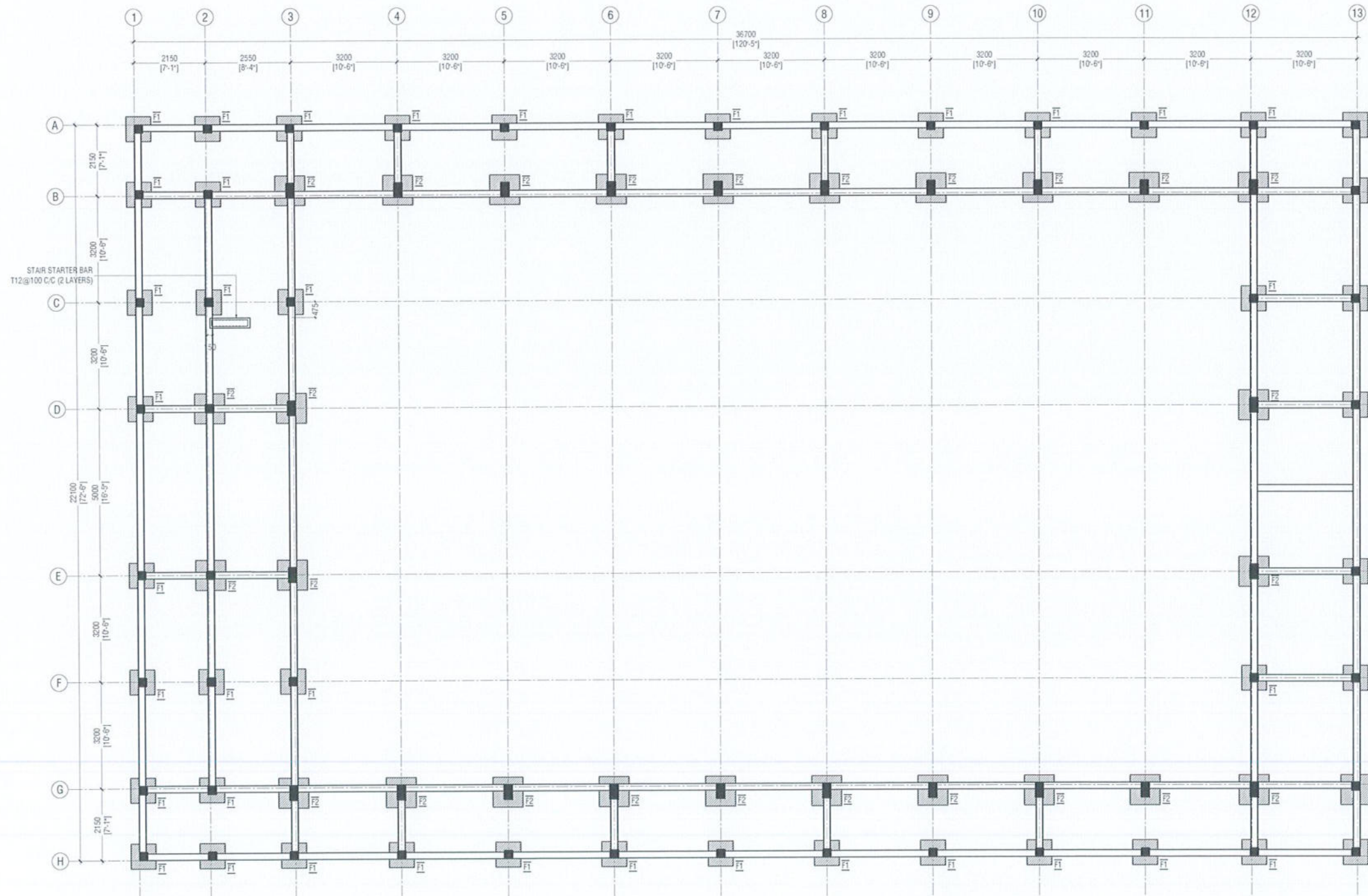
Lh. Kurendhoo School Hall  
Client: Ministry of Education

Project Number: BPR201702  
Date: April 2019  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zaki  
Structural Engineer: Ahmed Zuhair Zaki  
Interior: ...



RIVAN PRIVATE LIMITED  
P.O. Box 100, ...  
Title: 1st Floor Column Layout Plan  
Page: S-02/11





# FOUNDATION PLAN

NOT TO SCALE

## 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 (8)
F2	900 x 900 x 300	T10@100 C/C B/W (8)

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 B/W

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 B/W



Lh.Kurendhoo School Hall  
Client: Ministry of Education

Project Number: BPR201902  
Date: 11 June 2019  
Architect: Azana Amir  
Engineer: Ahmed Zuhair Zaeem  
Services: Architectural  
Interior: -

Rev no  
01  
02

11 June 2019  
07 April 2020

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11, Kurendhoo School Hall  
11, Kurendhoo School Hall  
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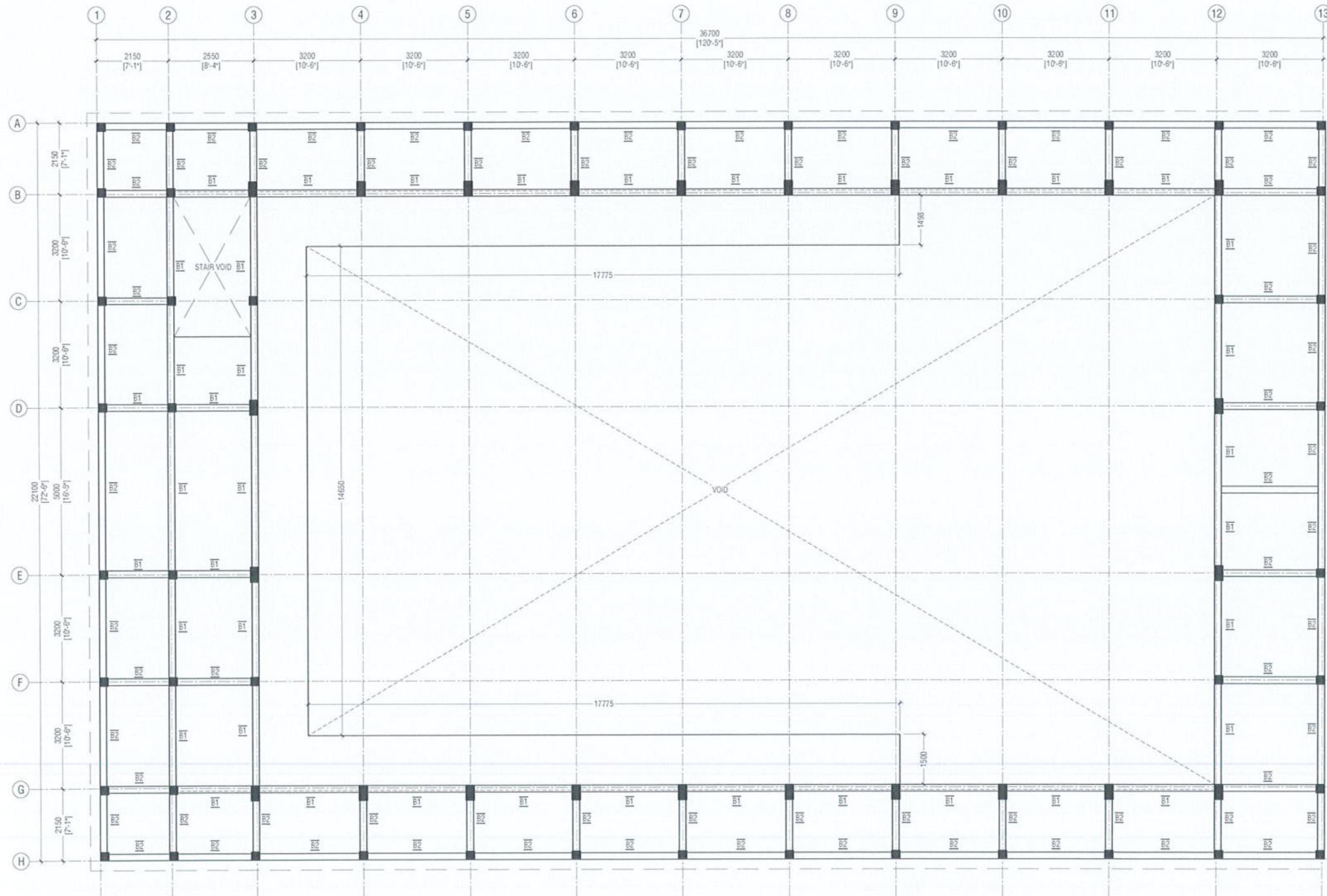
11, Kurendhoo School Hall  
11, Kurendhoo School Hall  
11, Kurendhoo School Hall

11, Kurendhoo School Hall  
11, Kurendhoo School Hall  
11, Kurendhoo School Hall

Title: Foundation Plan

Page: S-03/11





**FIRST FLOOR BEAM PLAN**

NOT TO SCALE



**NOTE**

**COLUMN SIZES**

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

**BEAM SIZES**

B1 : 200x425 mm  
B2 : 200x350 mm  
RB1 : 200x300 mm  
RB2 : 200x600 mm  
COVER : 35mm

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



Lh. Kurendhoo School Hall  
Client: Ministry of Education

Project Number: 46202/2022  
Date: April 2020  
Architect: Razana Amir  
Programmer: Razana Amir  
Services: Razana Amir  
Interior: Razana Amir

Rev no: 01  
Date: 11 June 2019  
02: 07 April 2020



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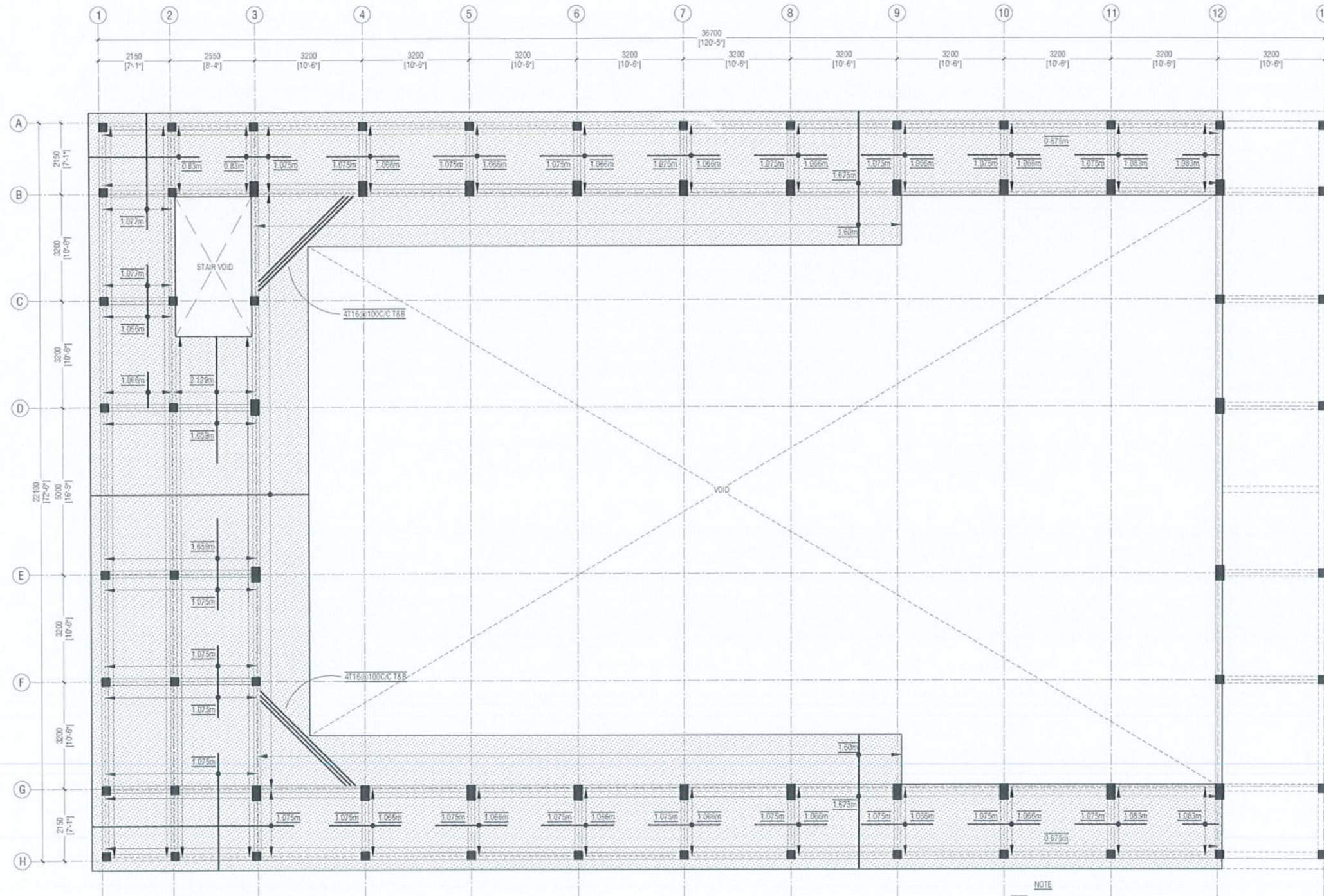
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97. RYAN PRIVATE LIMITED  
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Title: 1st Floor Beam Plan

Page: S-04/11

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**FIRST FLOOR SLAB REINFORCEMENT PLAN**

NOT TO SCALE  
0 0.5 1 2 3 4 5

NOTE

SLAB THICKNESS - 150mm

BOTTOM REINFORCEMENT - T12@100 C/C BV (NOT SHOWN, UNLESS STATED)  
TOP MAIN REBAR - T10@100mm C/C (AS SHOWN)  
TOP DISTRIBUTION REBAR - T10@200mm (NOT SHOWN)  
REINFORCEMENT DISCONTINUOUS AT VOIDS



Lh Kurendhoo School Hall  
Client: Ministry of Education

Project Number: BPR2017002  
Date: 11 June 2019  
Architect: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Drawn by: Razana Amir  
Checked by: Razana Amir  
Interior: -

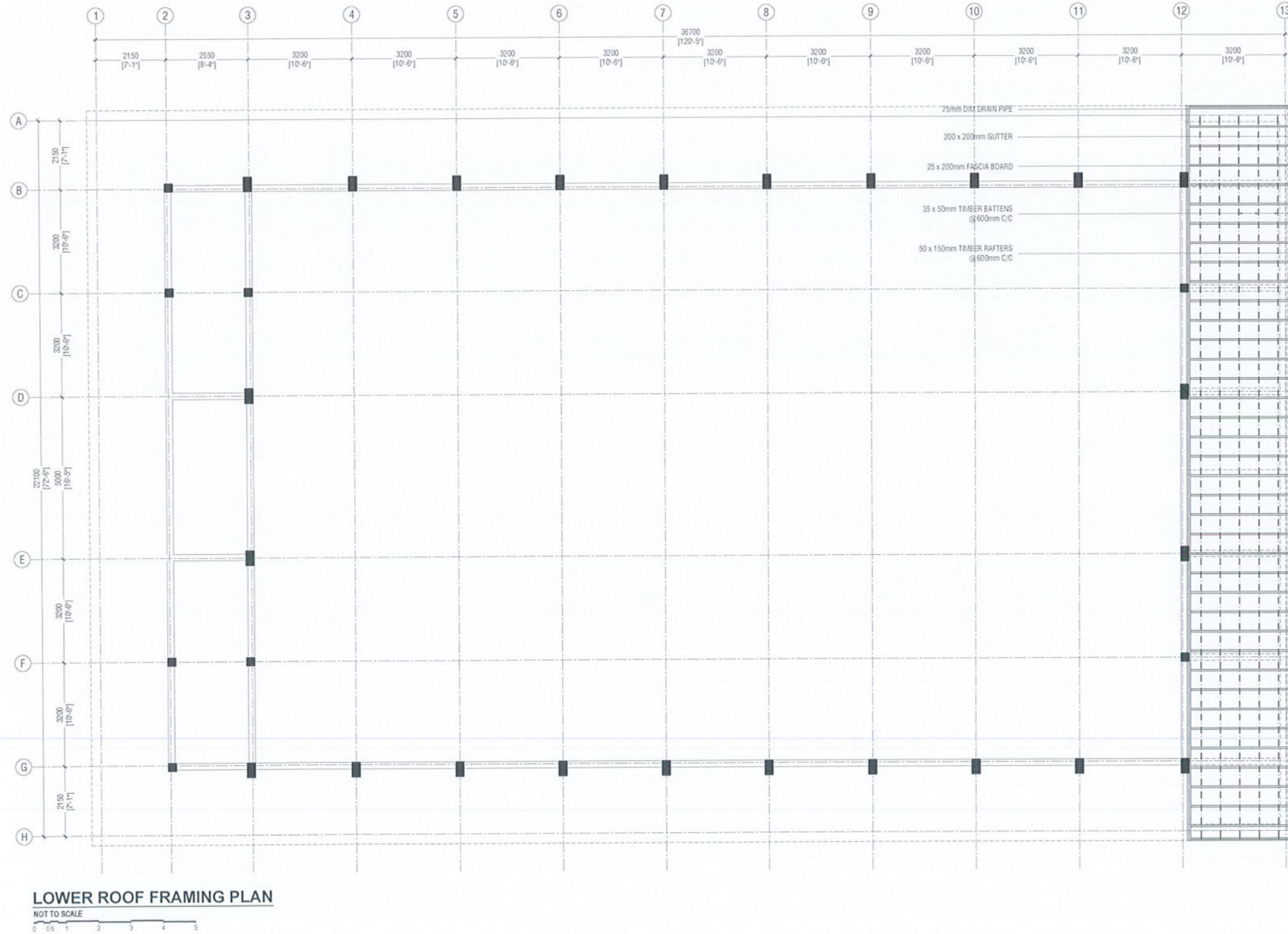


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W: www.riyani.com.lb  
Jiribut: 11, Akum, Anwaranga, Halat

Title: 1st Floor Slab  
Reinforcement Plan  
Page: 5-05/11

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Lh.Kurendhoo School Hall  
Client: Ministry of Education

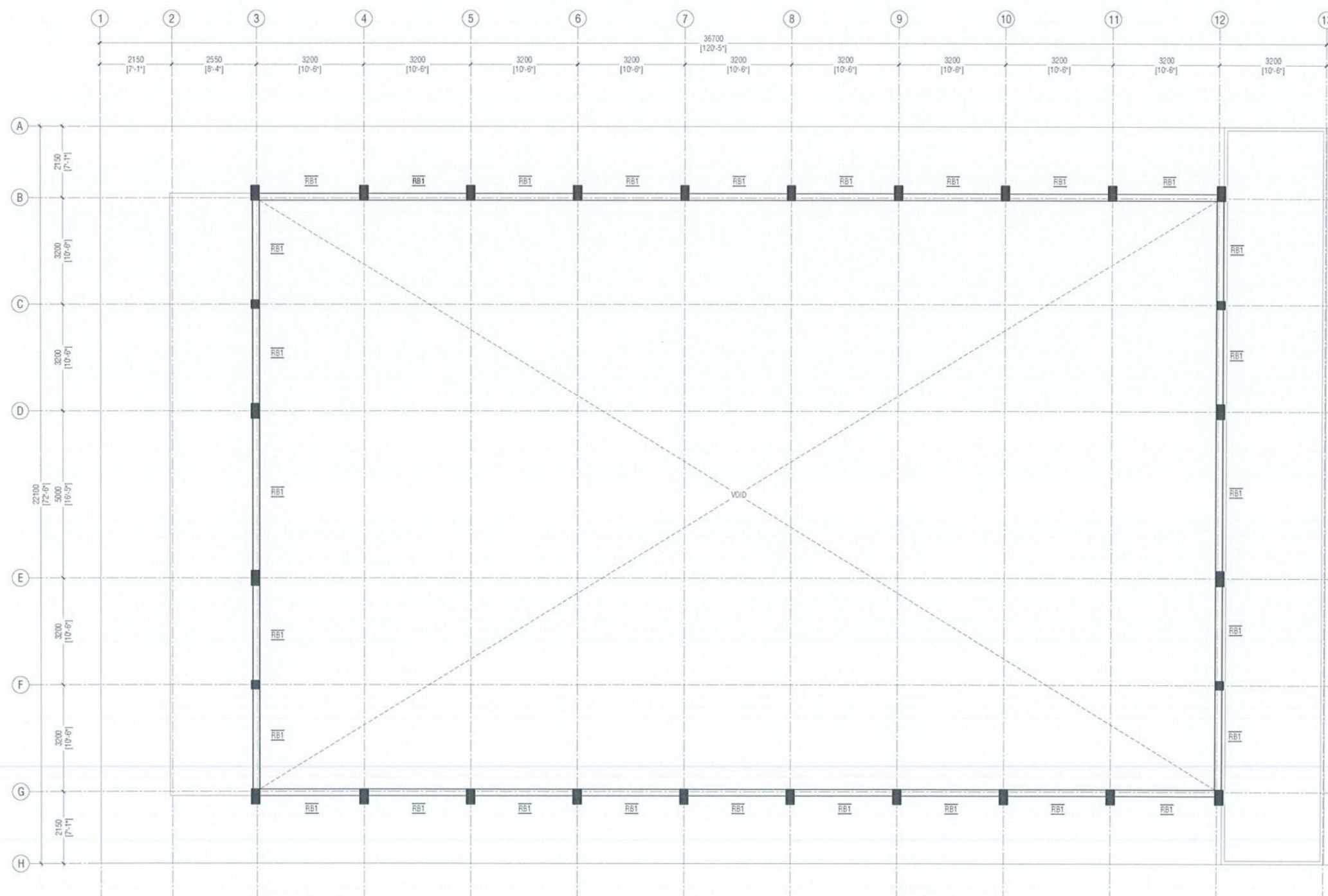
Rev no	Date
01	13 June 2019
02	07 April 2020

Project Number: 8/2019/02  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zaeem  
Structural Engineer: Ahmed Zuhair Zaeem  
Interior: -









ROOF BEAM LEVEL - 2 PLAN (+8200)

NOT TO SCALE

NOTE

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

BEAM SIZES  
B1 : 200x425 mm  
B2 : 200x350 mm  
RB1 : 200x300 mm  
RB2 : 200x600 mm  
COVER : 35mm

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



Lh.Kurendhoo School Hall  
Client: Ministry of Education

Project Number: 10207/202  
Date: April 2020  
Engineer: Ahmed Zuhair Zaeem  
Drawn by: Riyaana Anwar  
Services: Architectural  
Reviewed:   
Rev no 01  
Date 11 June 2019  
07 April 2020



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W: www.ryan.com.mv  
J: floor 11, Azim, Amman, Maldives

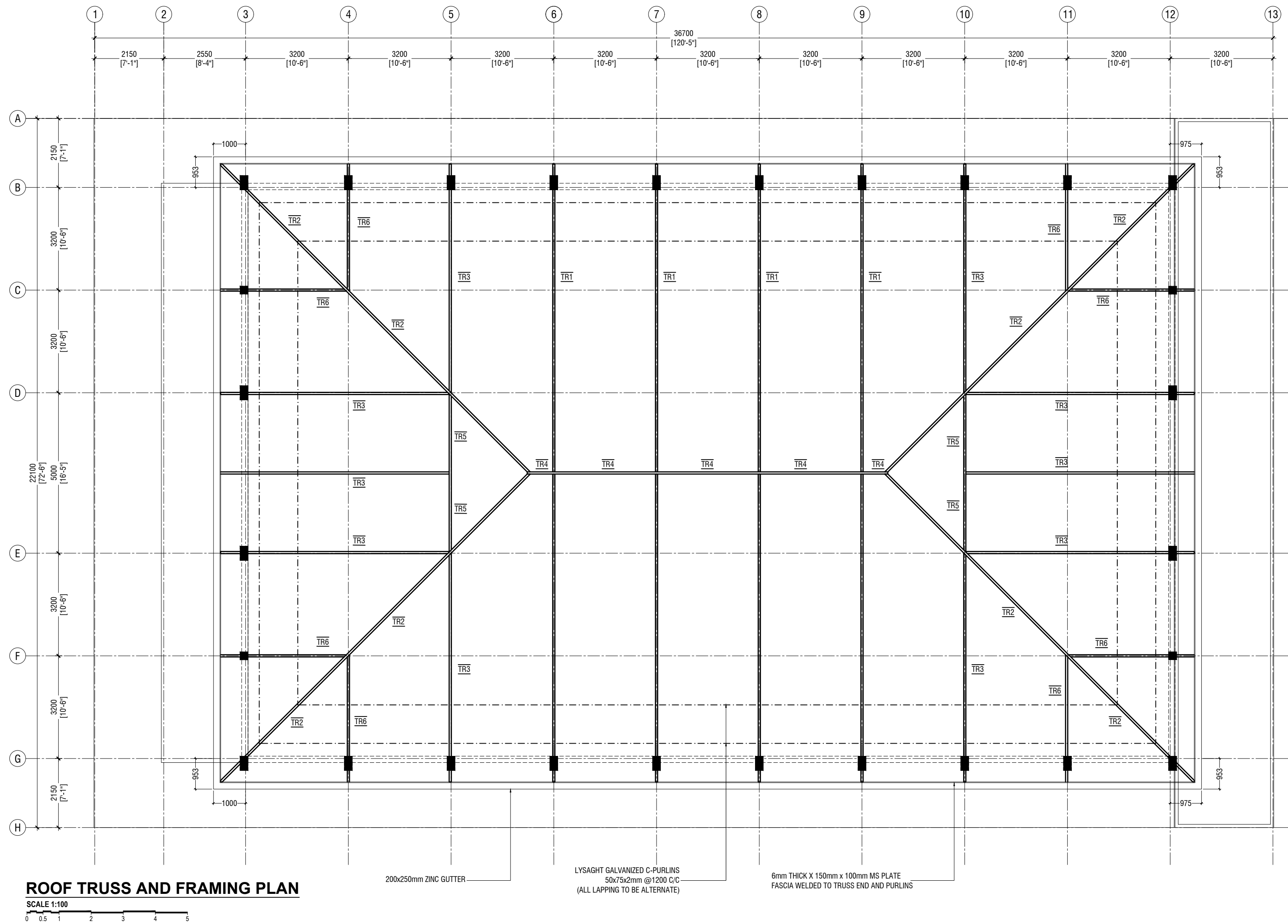
Title: Roof Beam Level - 2 P

Plan

Page: 5-08/11

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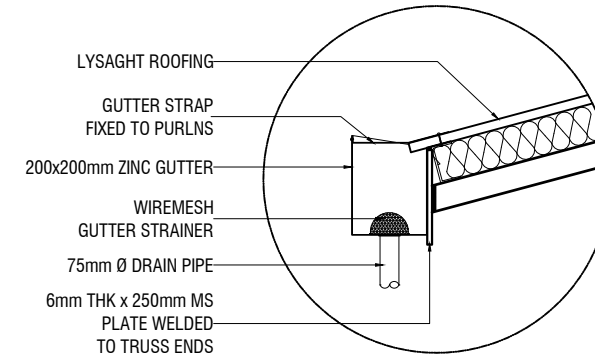
**Lh. Kurendhoo School Hall**  
**Client: Ministry of Education**

Rev no	Date
01	11 June 2019
02	07 April 2020
03	07 Nov 2020

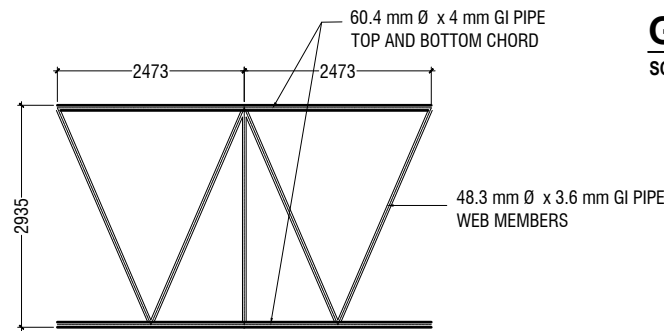
Project Number: R/2017/02  
Drawn by: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Checked by: Razana Amir  
Reviewed by: Ahmed Zuhail Zaeem  
Interior: -



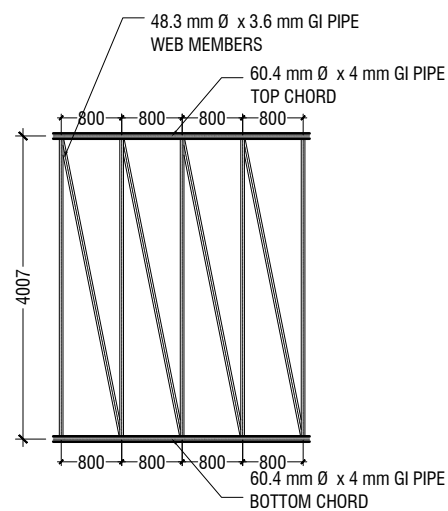




## GUTTER/FASCIA DETAIL



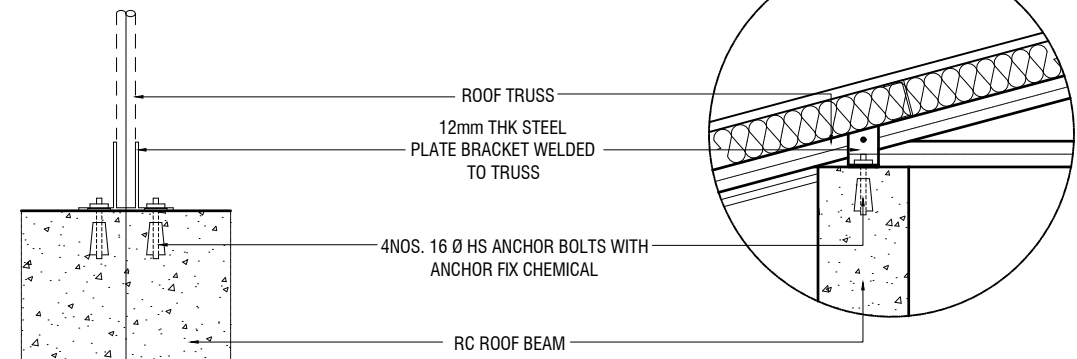
## TRUSS TYPE TR5



## ELEVATION



## TYPICAL TRUSS FIXING DETAILS



## SECTION

SCALE 1:20

## NOTE

**CORROSION PROTECTION: GALVANIZED COATING  
THICKNESS SHALL NOT BE LESS THAN 80 MICRONS  
ALL FILLET WELDS TO BE 4mm THICK  
CONTRACTOR AND CONSULTANT TO CONFIRM ON SITE  
TRUSS SPAN AND DIMENSIONS BEFORE FABRICATION**

**Project Number:** R/2017/012  
**Date:** April 2020  
**Architect:** Razana Amir  
**Engineer:** Ahmed Zuhail Zeem  
**Drawn by:** Razana Amir  
**Services:** Alshath Ahmed  
**Interior:** -

Lh.Kurendhoo School Hall  
Client: Ministry of Education

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

Title: Roof Truss Details

Page: S-10/11

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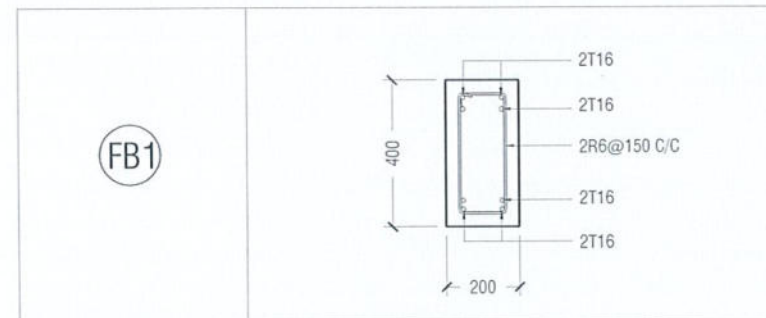
	DIMENSION	REINFORCEMENT
F1	750 x 750 x 250	T10@150 C/C B/W (B)
F2	900 x 900 x 300	T10@100 C/C B/W (B)

FOUNDATION DEPTH = 1200mm

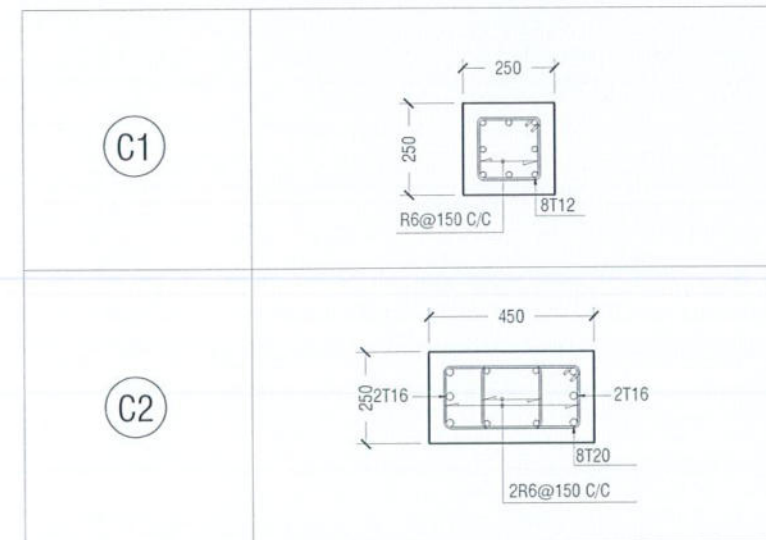
NOTE:-  
COVER TO FOUNDATION = 50mm  
COVER TO COLUMNS = 35-40mm  
COVER TO BEAMS = 35mm  
LAPS = Ø OF BAR x 45  
BEAMS @END SUPPORT = Ø OF BAR x 12

MIX RATIO = 1:2:3 ( CEMENT : SAND : AGGREGATE ) C25

## FOUNDATION PADS



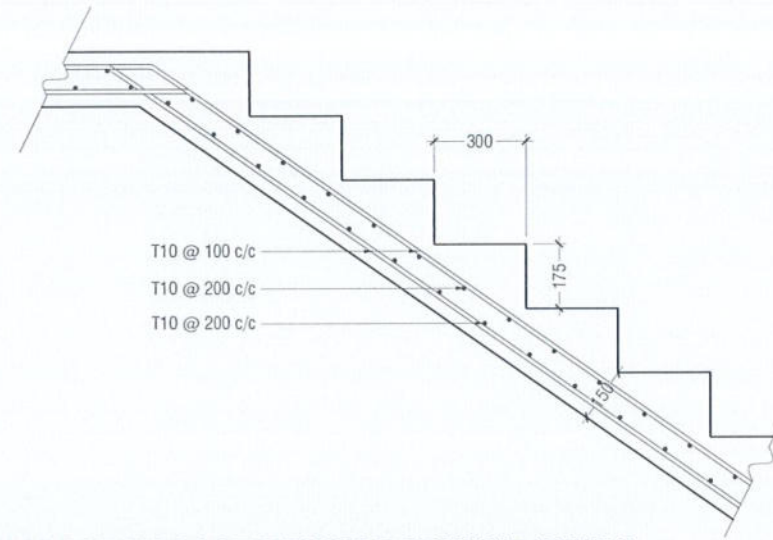
## FOUNDATION DETAILS



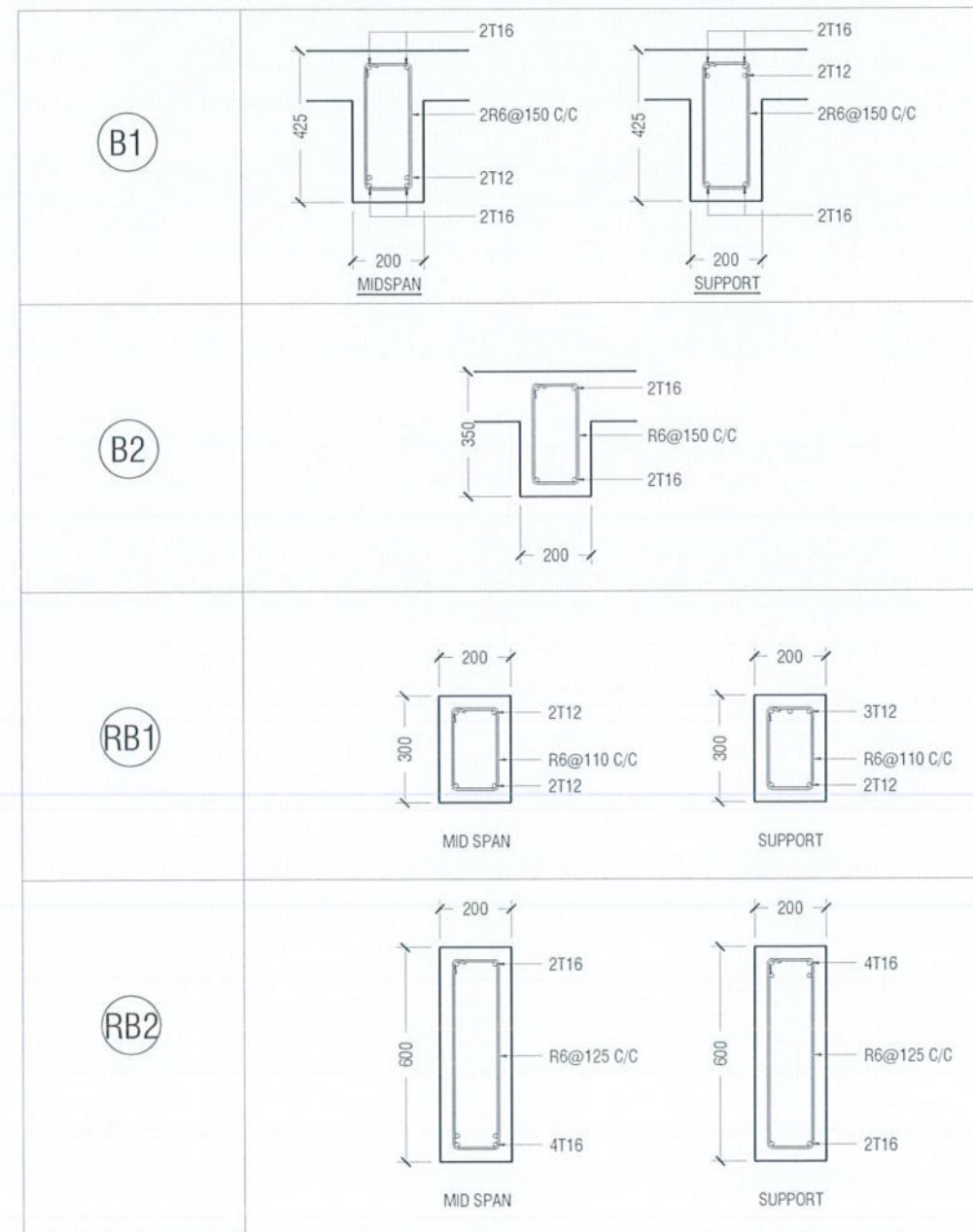
## COLUMN DETAIL

## STRUCTURAL DETAILS

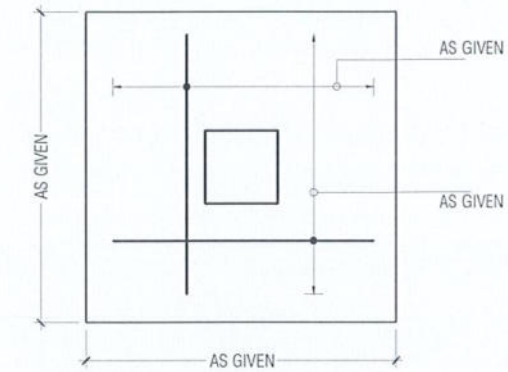
SCALE 1:20  
0 0.1 0.2 0.4 0.6 0.8 1



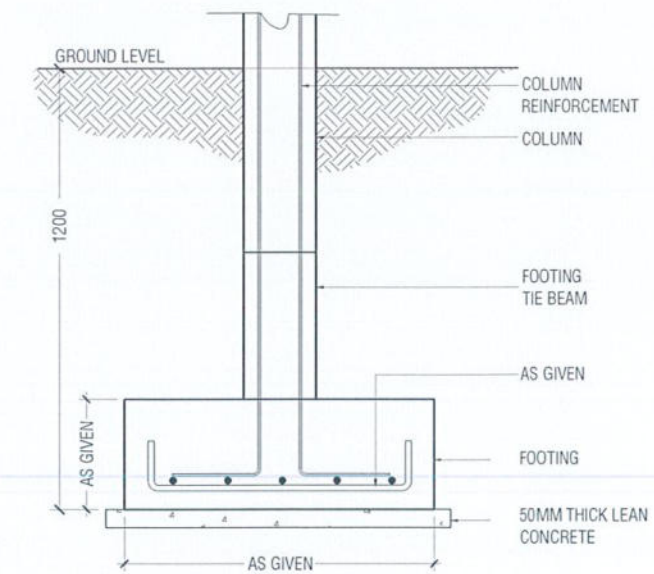
## MAIN STAIRCASE REINFORCEMENT DETAIL



## BEAM DETAIL



## PLAN



## SECTION

## FOOTING DETAILS



Lh.Kurendhoo School Hall  
Client: Ministry of Education

Project Number: RI/2017/012  
Date: 11 June 2019  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zaeem  
Drawn by: Razana Amir  
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Title: Structural Details

Page: S-11/11

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