

M. Kolhufushi School Hall & 08 Classrooms  
(04 Storey)

*ARCHITECTURAL & STRUCTURAL DRAWINGS*

Client: Ministry of Education

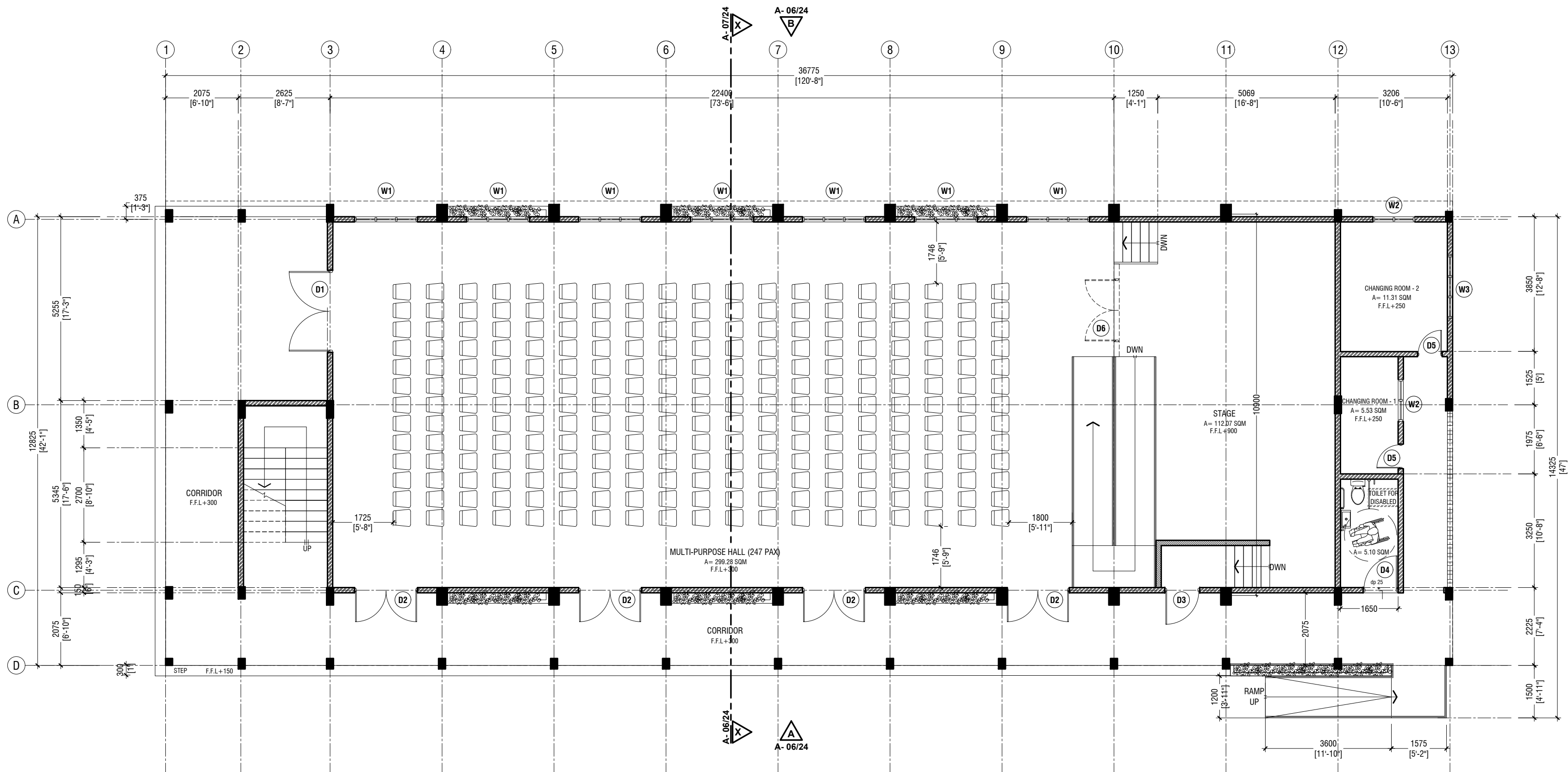


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3rd floor, H. Azum, Ameenemagu, Male'

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## GROUND FLOOR PLAN

SCALE 1:100



### NOTE:

- PROPOSED 150mm THICK SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH
- PROPOSED 100mm THICK 2400mm HIGH SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH
- PROPOSED 150mm 1000mm HIGH SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
01	01/07/2019
02	01/07/2019
03	01/07/2019
04	01/07/2019

Project Number: R/2017/02  
Date: 01/07/2019  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zaeem  
Drawn by: Leelanayick P. Deila Cruz  
Checked by: Leelanayick P. Deila Cruz  
Interior: -



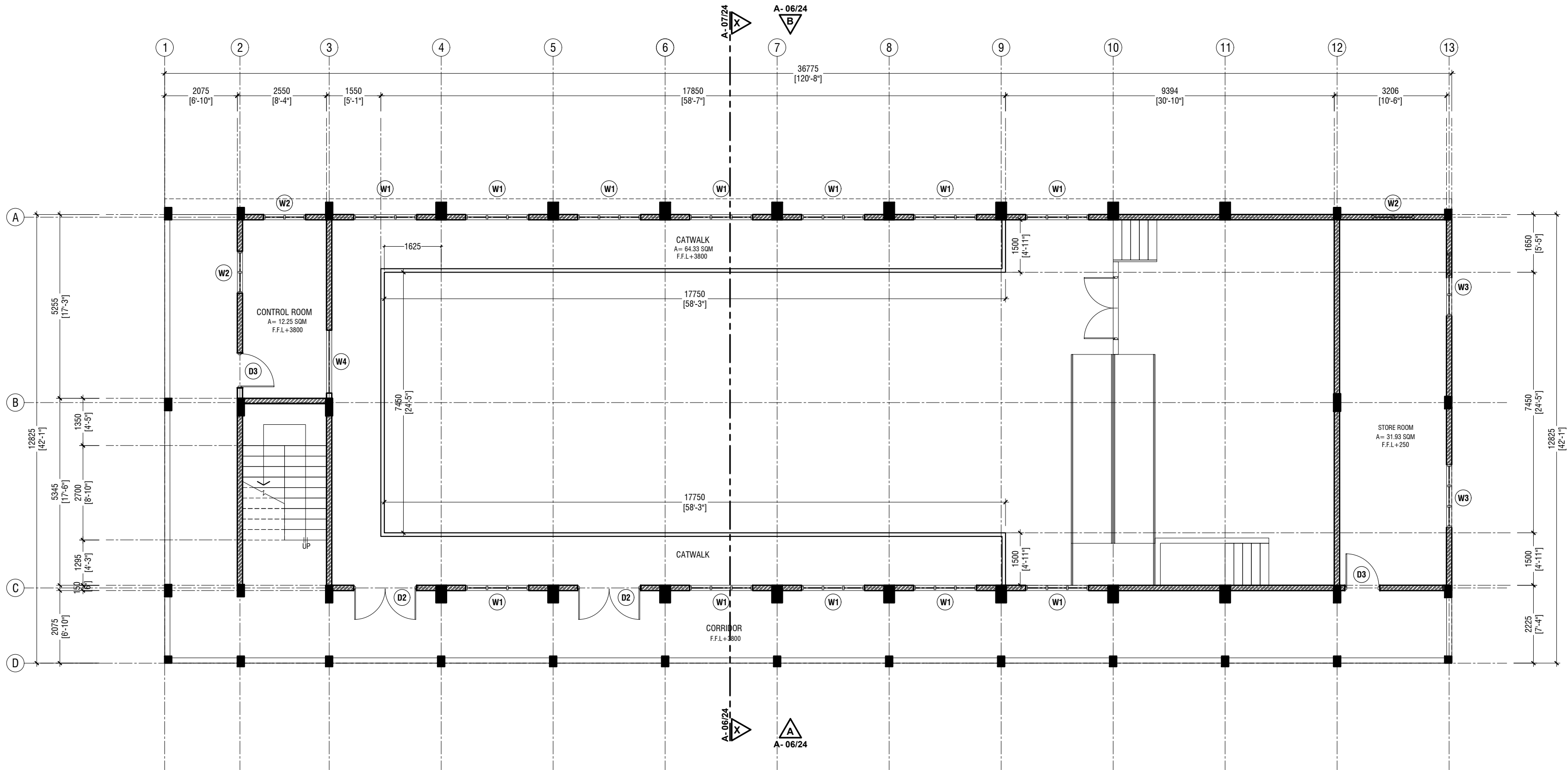
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3rd Floor, H. Azum, Ameermeegala, Male

Title: Ground Floor Plan

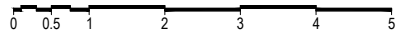
Page: A-01/24

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## FIRST FLOOR PLAN

SCALE 1:100



### NOTE:

- PROPOSED 150mm THICK SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH
- PROPOSED 100mm THICK 2400mm HIGH SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH
- PROPOSED 150mm 1000mm HIGH SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
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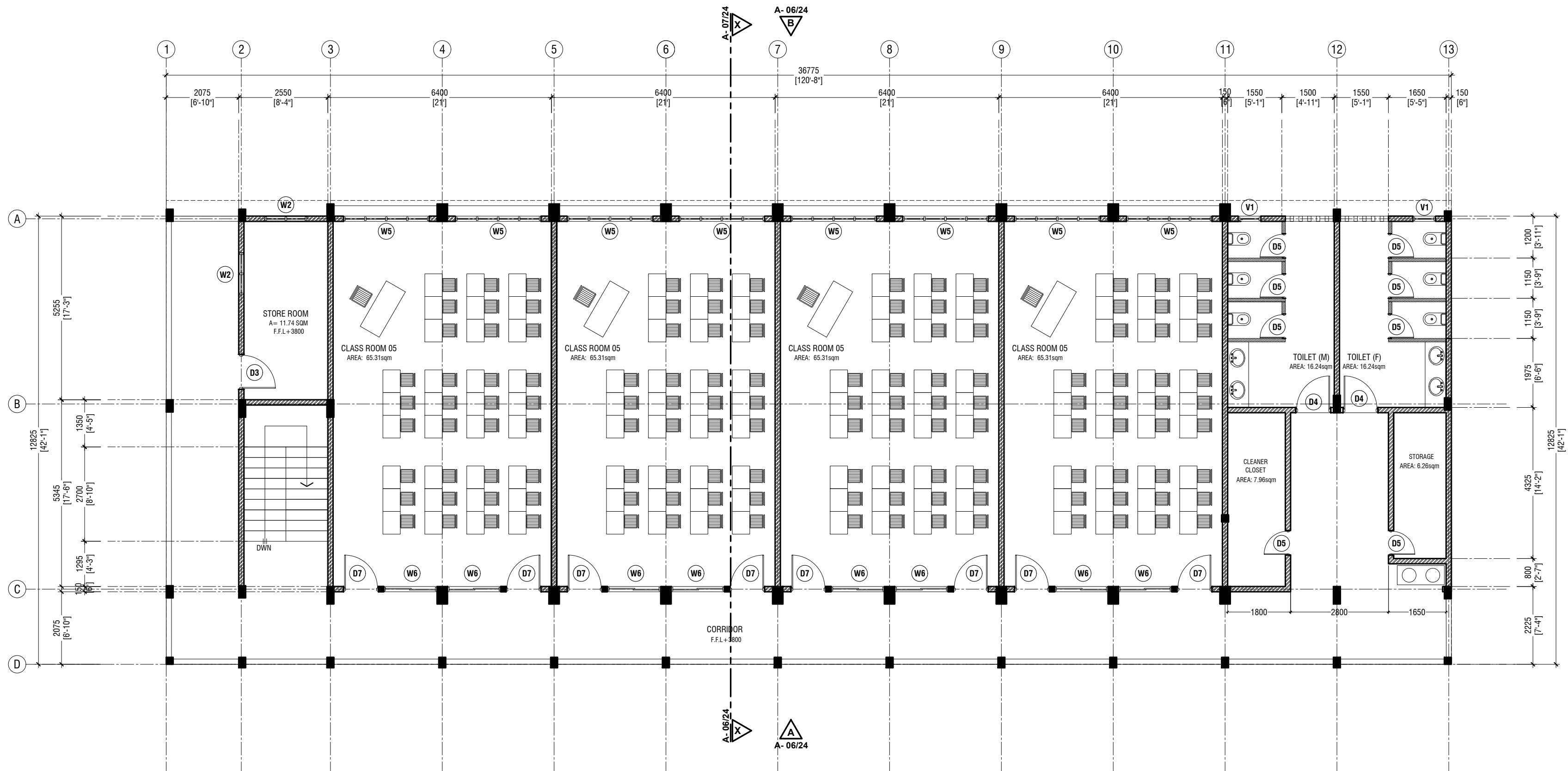
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3rd Floor, H. Azumi, Ameermeegala, Male

Title: First Floor Plan

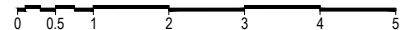
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## SECOND & THIRD FLOOR PLAN

SCALE 1:100



### NOTE:

- PROPOSED 150mm THICK SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH
- PROPOSED 100mm THICK 2400mm HIGH SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH
- PROPOSED 150mm 1000mm HIGH SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH

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100	01/07/2024

Project Number: RI/0017/02  
Date: 01/07/2024  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zeem  
Drawn by: Leasany Nick P. Dela Cruz  
Checked by: Leasany Nick P. Dela Cruz  
Interior: -



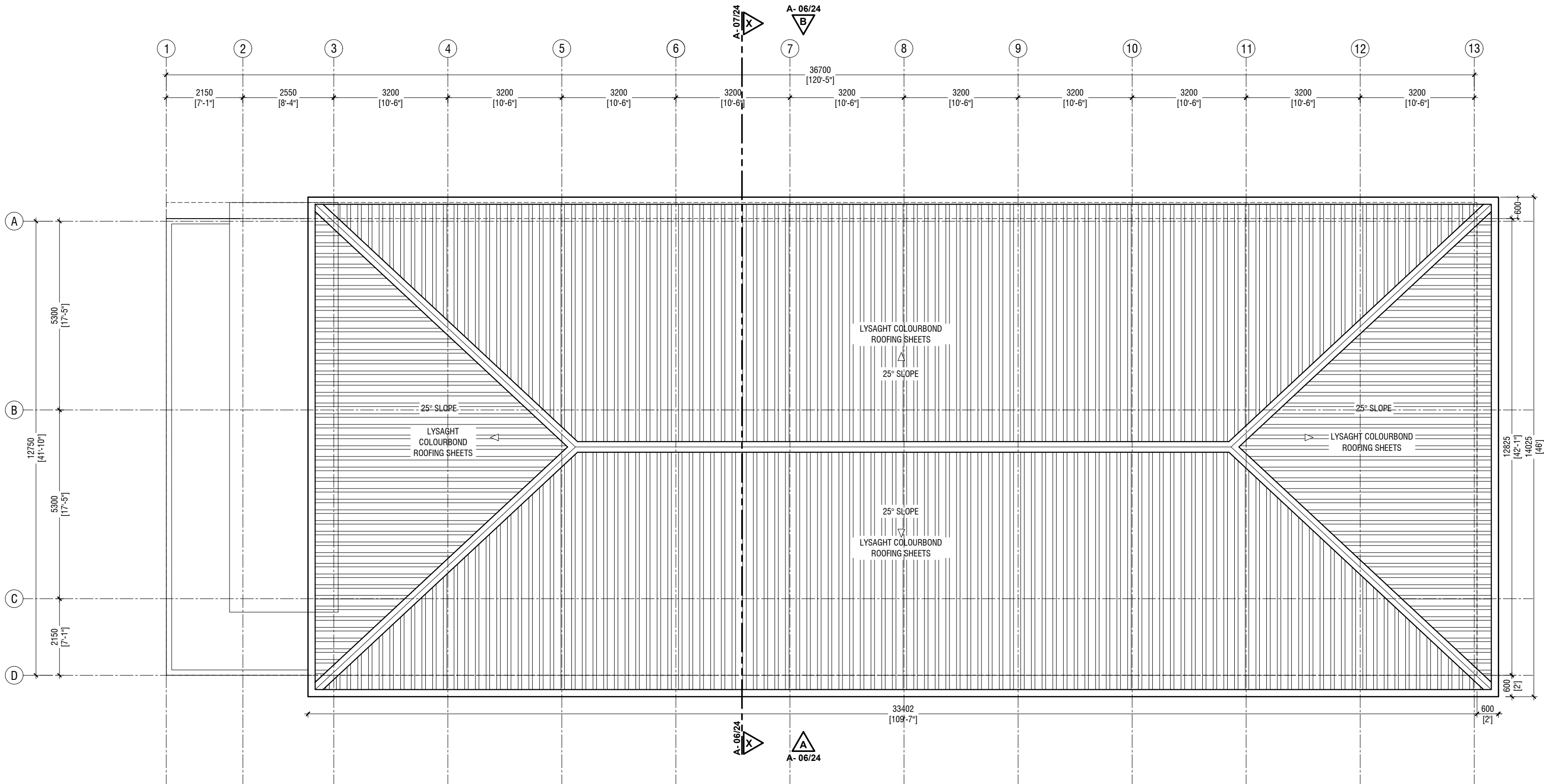
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Title: Second and Third Floor Plan

Page: A-03/24

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**ROOF PLAN**

SCALE 1:100



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11	01/07/2024
12	01/07/2024
13	01/07/2024

Project Number: RI/007/702  
Date: 01/07/2024  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zaeem  
Drawn by: Laseenah P. Deila Cruz  
Checked by: Laseenah P. Deila Cruz  
Interior: -



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Title: Roof Plan

Page: A-04/24

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**ELEVATION A**  
SCALE 1:100

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

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1	01/07/2022
2	01/07/2022
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9	01/07/2022
10	01/07/2022
11	01/07/2022
12	01/07/2022
13	01/07/2022

Project Number: R/2022/02  
Date: 01/07/2022  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zaeem  
Drawn by: Leena Wink P. De la Cruz  
Checked by: Razana Amir  
Interior: -



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Title: Elevation A



ELEVATION B

SCALE 1:100



M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
01	01/07/2015
02	01/07/2015
03	01/07/2015
04	01/07/2015
05	01/07/2015
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08	01/07/2015
09	01/07/2015
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11	01/07/2015
12	01/07/2015
13	01/07/2015

Project Number: R/07/702  
Date: 01/07/2015  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zaeem  
Drawn by: Leena Wink P. Dela Cruz  
Checked by: Razana Amir  
Interior: -



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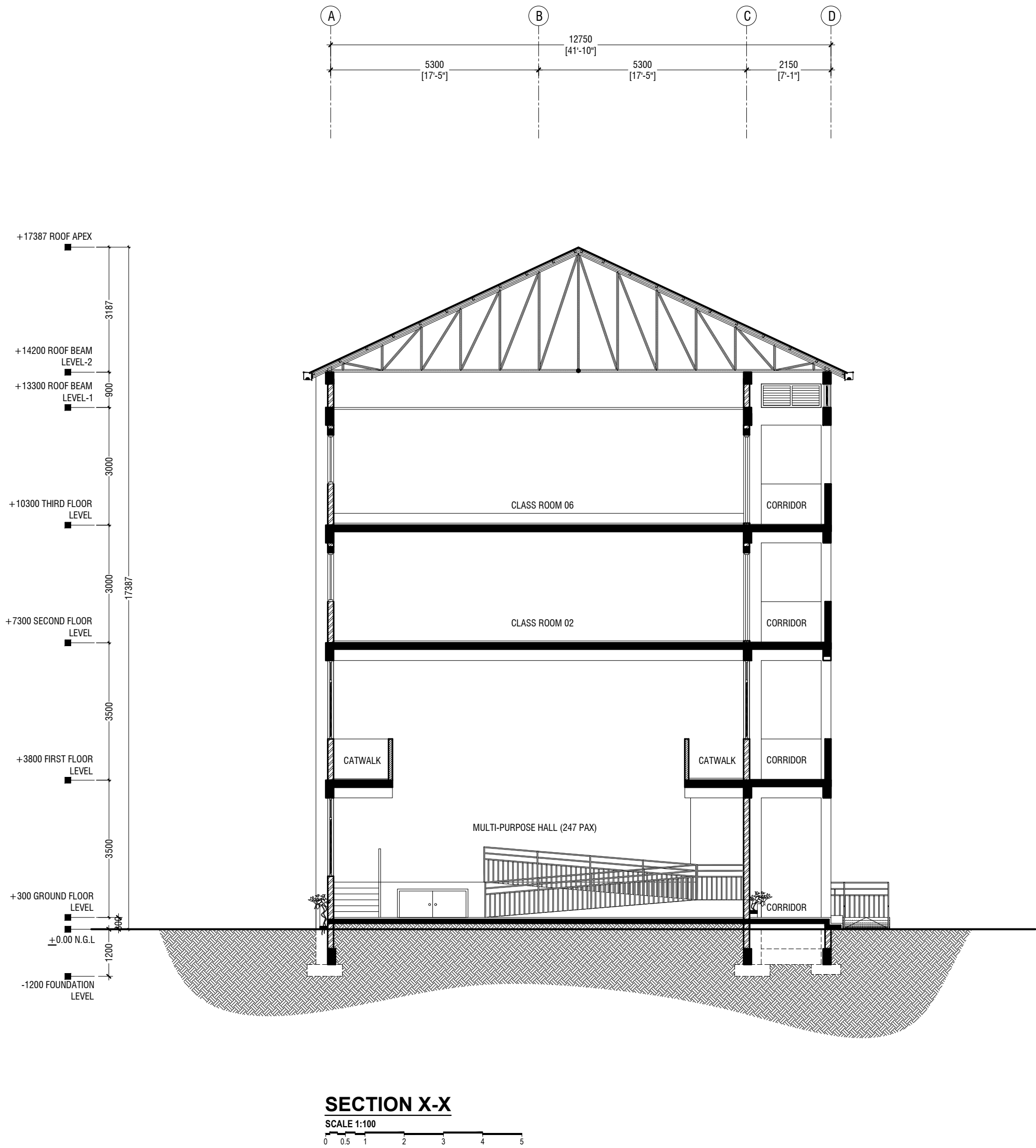
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3rd floor, H. Azumi, Ameeremadu, Male'

Title: Elevation B

Page: A-06/24

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M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
1	07/07/2018
2	07/07/2018
3	07/07/2018
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5	07/07/2018
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9	07/07/2018
10	07/07/2018

Project Number: 61/07/702  
Date: 07/07/2018  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zaeem  
Owner: Ministry of Education  
Designer: Razana Amir  
Interior: -

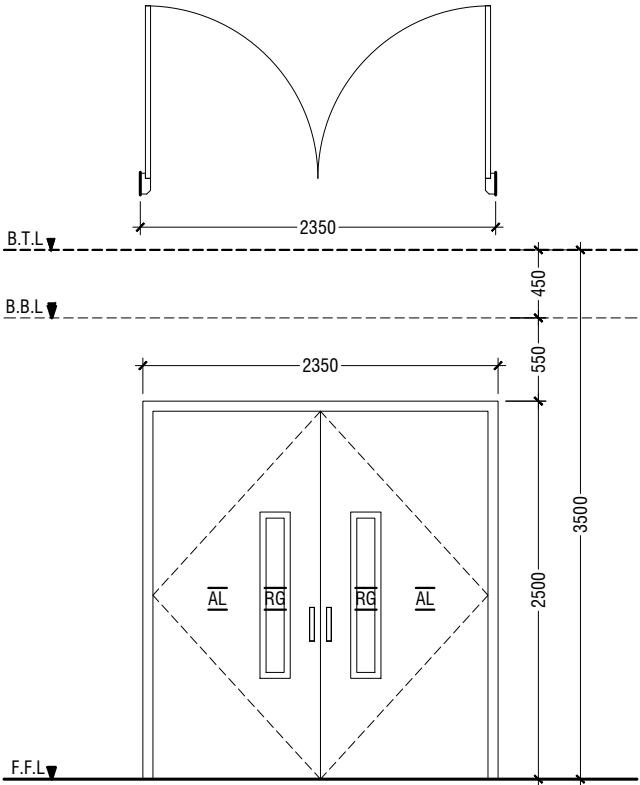


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3rd Floor, H. Azumi, Ammameemaghi, Male

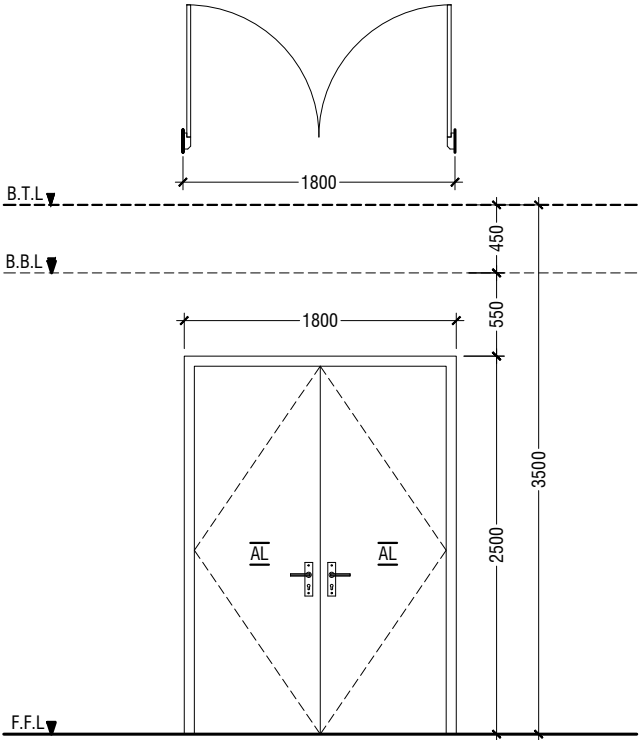
Title: Section X-X

Page: A-07/24

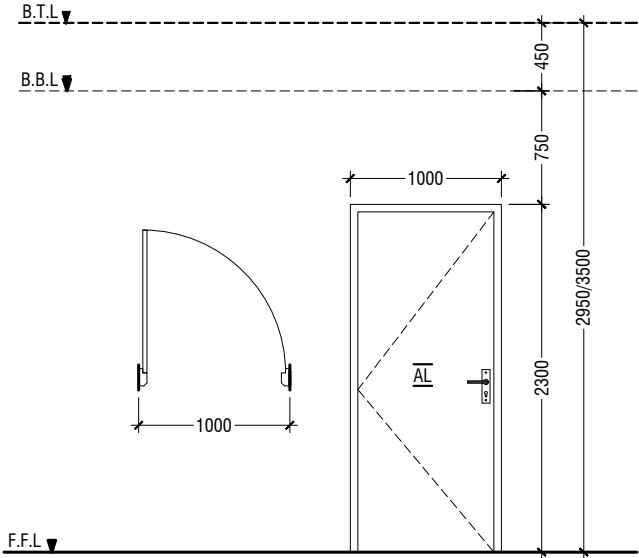
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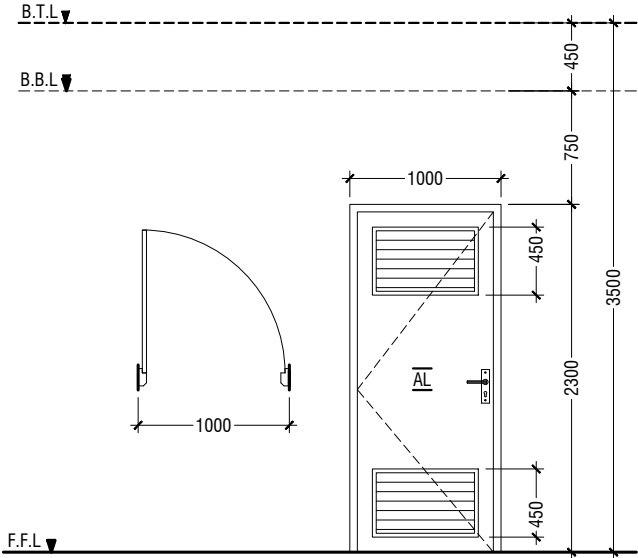
D1	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL GLASS ON PANEL : 6mm THK REFLECTIVE GLASS
LOCATION	HALL MAIN ENTRANCE & AND CLASSROOMS
QUANTITY	01 NOS
OPEN AREA	5.39 sqm



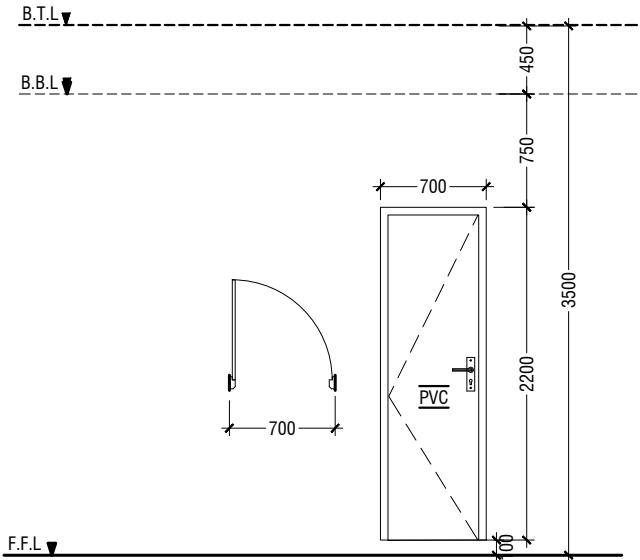
D2	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	HALL ENTRANCE & CORRIDOR
QUANTITY	6 NOS
OPEN AREA	4.05 sqm



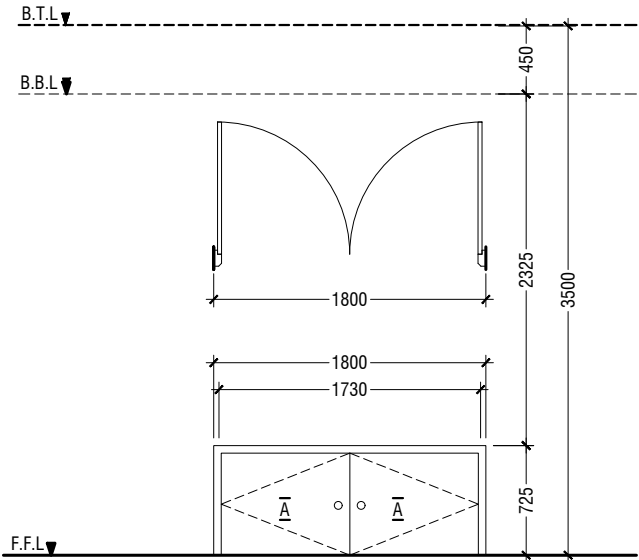
D3	SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	STAGE, CONTROL ROOM & STORE ROOM
QUANTITY	4 NOS
OPEN AREA	2.03 sqm



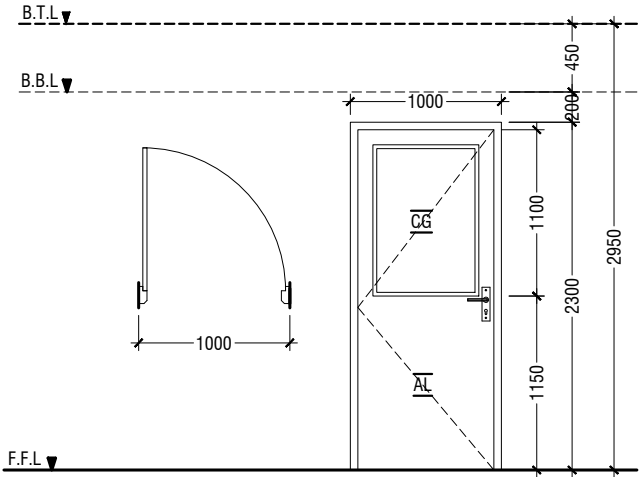
D4	SWING DOOR WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND ALUMINIUM LOUVERS
LOCATION	DISABLED TOILET, TOILET
QUANTITY	03 NOS
OPEN AREA	2.03 sqm



D5	PVC SWING DOOR
REMARKS	PVC WHITE FRAME AND PANEL
LOCATION	TOILETS, CHANGING ROOM, CLEANER CLOSET & STORAGE
QUANTITY	10 NOS
OPEN AREA	1.29 SQM



D6	DOUBLE SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL
LOCATION	STAGE STORE ACCESS
QUANTITY	1 NOS
OPEN AREA	1.15 SQM

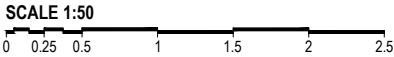


D7	SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND 6mm THICK CLEAR GLASS
LOCATION	CLASSROOMS
QUANTITY	8 NOS
OPEN AREA	2.03 sqm

**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



M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
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Project Number: RI/2017/012  
Date: October 2019  
Architect : Razana Amir  
Engineer : Ahmed Zuhail Zaeem  
Drawn by : Leevan/Nick P. Dela Cruz  
Services : Aishath Ahmed  
Interior : -



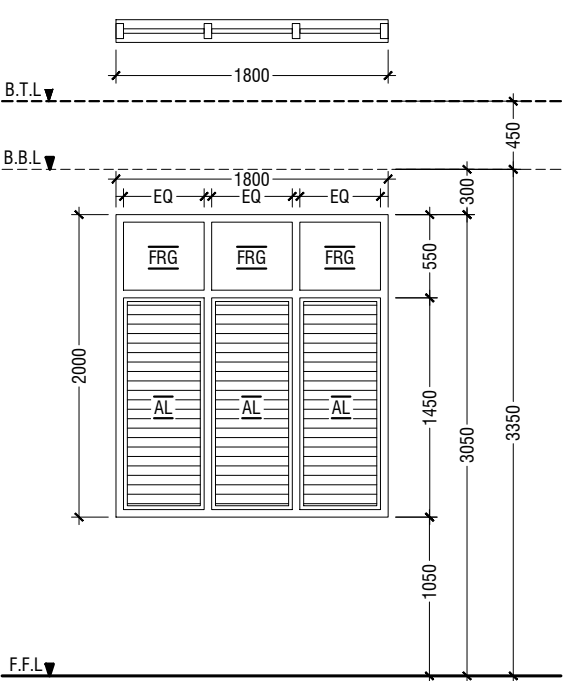
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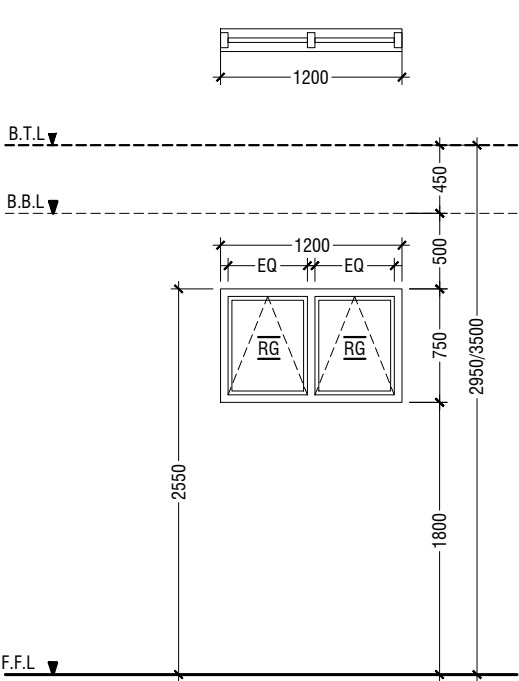
Title: Door / Window

Schedule - 1

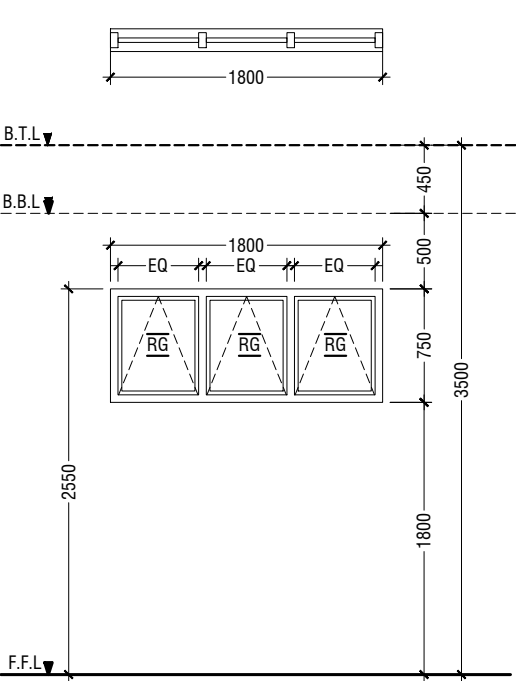
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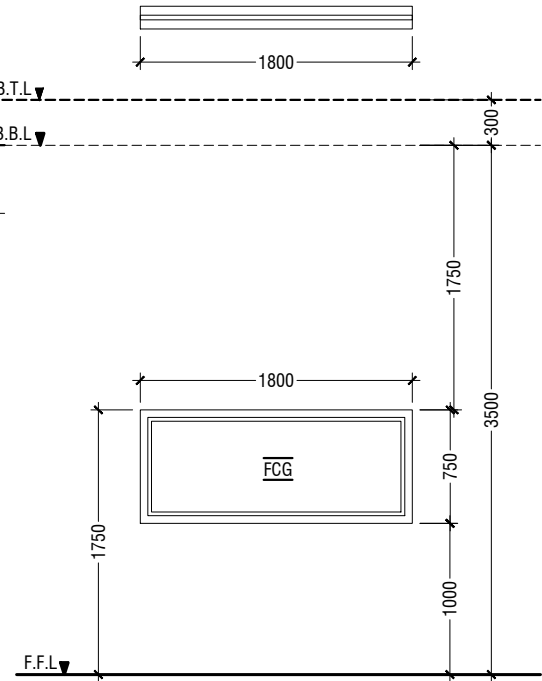
W1	WINDOW WITH FIXED GLASS & ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS AND 6mm THICK REFLECTED FIXED GLASS PANELS
LOCATION	HALL
QUANTITY	19 NOS
OPEN AREA	2.24 sqm



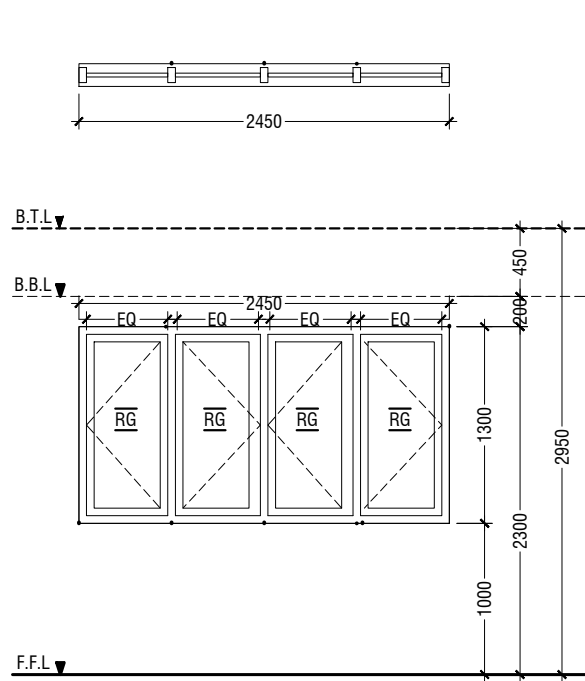
W2	TOP HUNG WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	CHANGING ROOM, CONTROL ROOM & STORE ROOM
QUANTITY	07 NOS
OPEN AREA	0.68 sqm



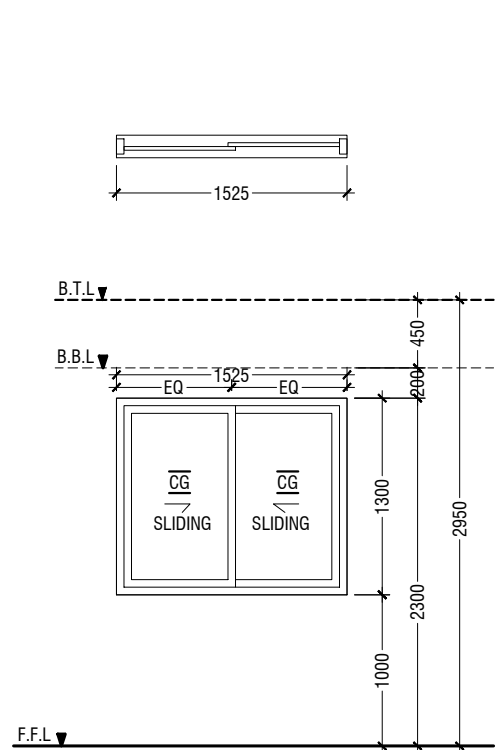
W3	TOP HUNG WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	STORE ROOMS
QUANTITY	03 NOS
OPEN AREA	1.04 sqm



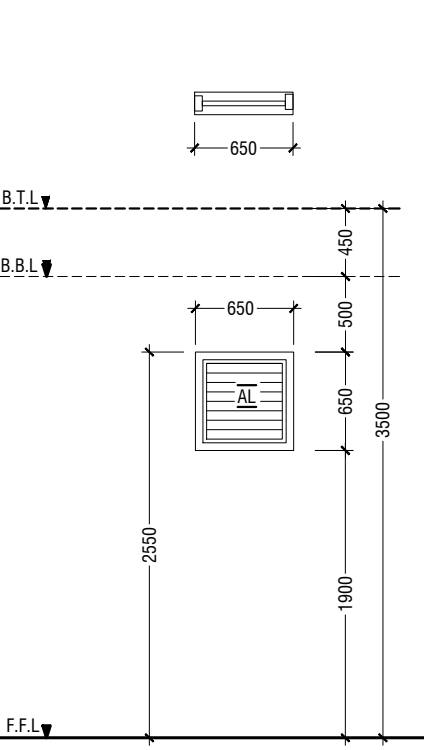
W4	FIXED WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	CONTROL ROOM
QUANTITY	01 NOS
OPEN AREA	- sqm



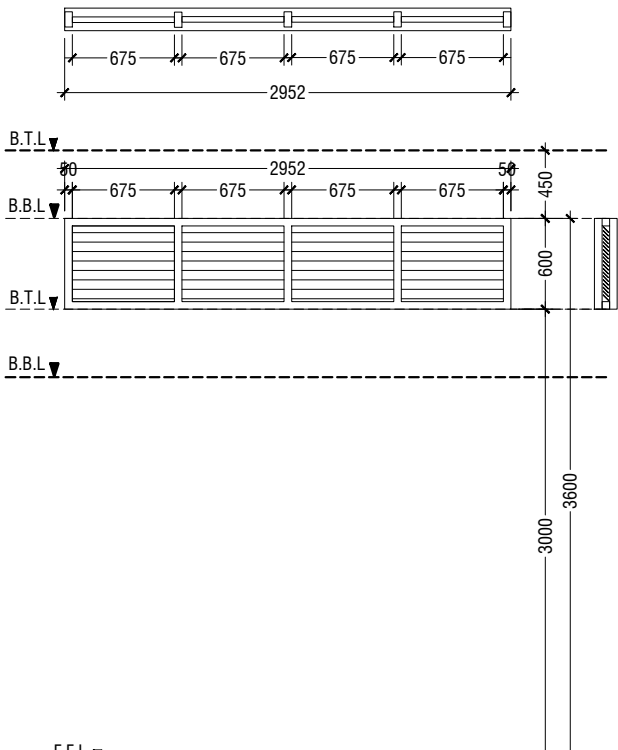
W5	SLIDING WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND 6mm THICK CLEAR GLASS
LOCATION	CLASSROOMS
QUANTITY	08 NOS
OPEN AREA	2.6 sqm



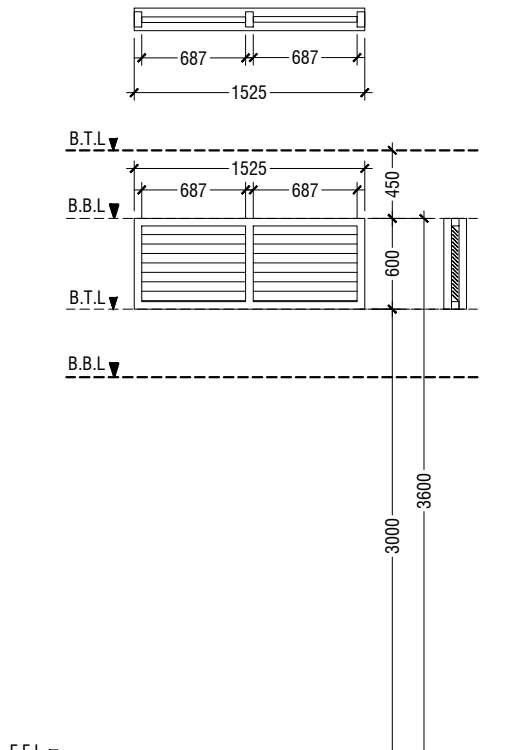
W6	SLIDING WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND 6mm THICK CLEAR GLASS
LOCATION	CLASSROOMS
QUANTITY	08 NOS
OPEN AREA	0.83 sqm



V1	WINDOW WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS
LOCATION	TOILETS
QUANTITY	02 NOS
OPEN AREA	0.36 sqm



SS1	SUNSHADING
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM LOUVERS
LOCATION	CORRIDOR
QUANTITY	10 NOS
OPEN AREA	1.35 SQM



SS2	SUNSHADING
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM LOUVERS
LOCATION	CORRIDOR
QUANTITY	01 NO
OPEN AREA	0.68 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 - 2

SCALE 1:50  
0 0.25 0.5 1 1.5 2 2.5

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Client: Ministry of Education



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Title: Door / Window Schedule - 2

Page: A-09/24

Rev no	Date
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Project Number: RI/2017/012  
Date: October 2019  
Architect : Razana Amir  
Engineer : Ahmed Zuhail Zaeem  
Drawn by : Leevan/Nick P. Dela Cruz  
Services : Aishath Ahmed  
Interior :-

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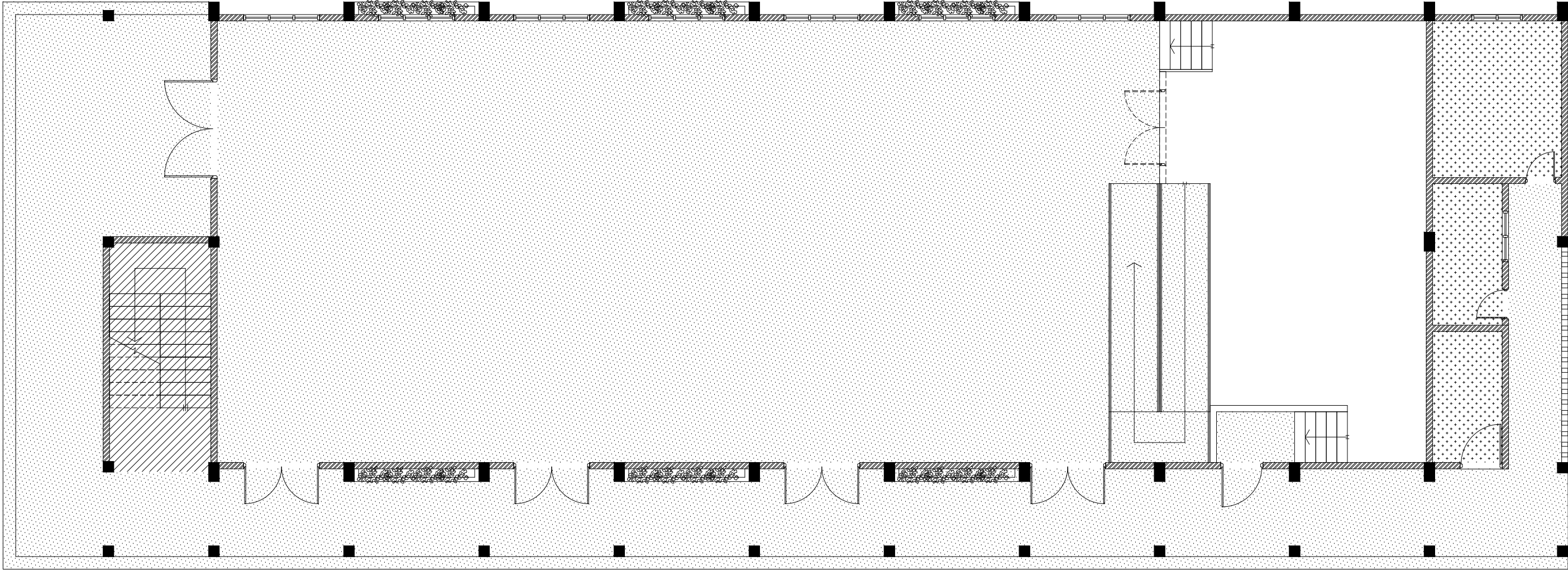
# SCHEDULE OF VENTILATION FOR R.MADUVVAREE SCHOOL

	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	299.28	D1,D3,D6,4D2 & 7W1	29.93	40.45	13.52%
2	Changing Room -1	5.53	D5 & W2	0.55	1.97	35.62%
3	Changing Room -2	11.31	W2	1.13	0.68	6.01%
4	Toilet for Disable	5.09	D4	0.51	2.03	39.88%
	<b>First Floor</b>					
5	Control Room	12.25	D3 & 2W2	1.23	3.39	27.67%
6	Store Room	31.93	2W3,W2 & D3	3.19	4.79	15.00%
	<b>Second &amp; Third Floor</b>					
7	Classroom 1	65.31	2W6, 2D7 & 2W5	6.53	10.92	16.72%
8	Classroom 2	65.31	2W6, 2D7 & 2W5	6.53	10.92	16.72%
9	Classroom 3	65.31	2W6, 2D7 & 2W5	6.53	10.92	16.72%
10	Classroom 4	65.31	2W6, 2D7 & 2W5	6.53	10.92	16.72%
11	Toilet (Female)	16.24	RC FINS			
12	Toilet (Female)	16.24	RC FINS			
13	Storeroom	11.74	D5	1.17	1.36	11.58%
14	Cleaner closet	7.96	Mechanical Ventilation			
15	Storage	6.26	Mechanical Ventilation			

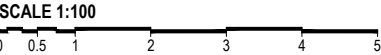
## VENTILATION SCHEDULE

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Project Number: RI/2017/012	Rev no	Date
Date: October 2019	--	-----
Architect : Razana Amir	--	-----
Engineer : Ahmed Zuhail Zaeem	--	-----
Drawn by : Leevan/Nick P. Dela Cruz	--	-----
Services : Aishath Ahmed	--	-----
Interior : -	--	-----



GROUND 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

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
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Project Number: RI/2017/012  
Date: October 2019  
Architect : Razana Amir  
Engineer : Ahmed Zuhail Zaeem  
Drawn by : Leevan/Nick P. Dela Cruz  
Services : Aishath Ahmed  
Interior :-



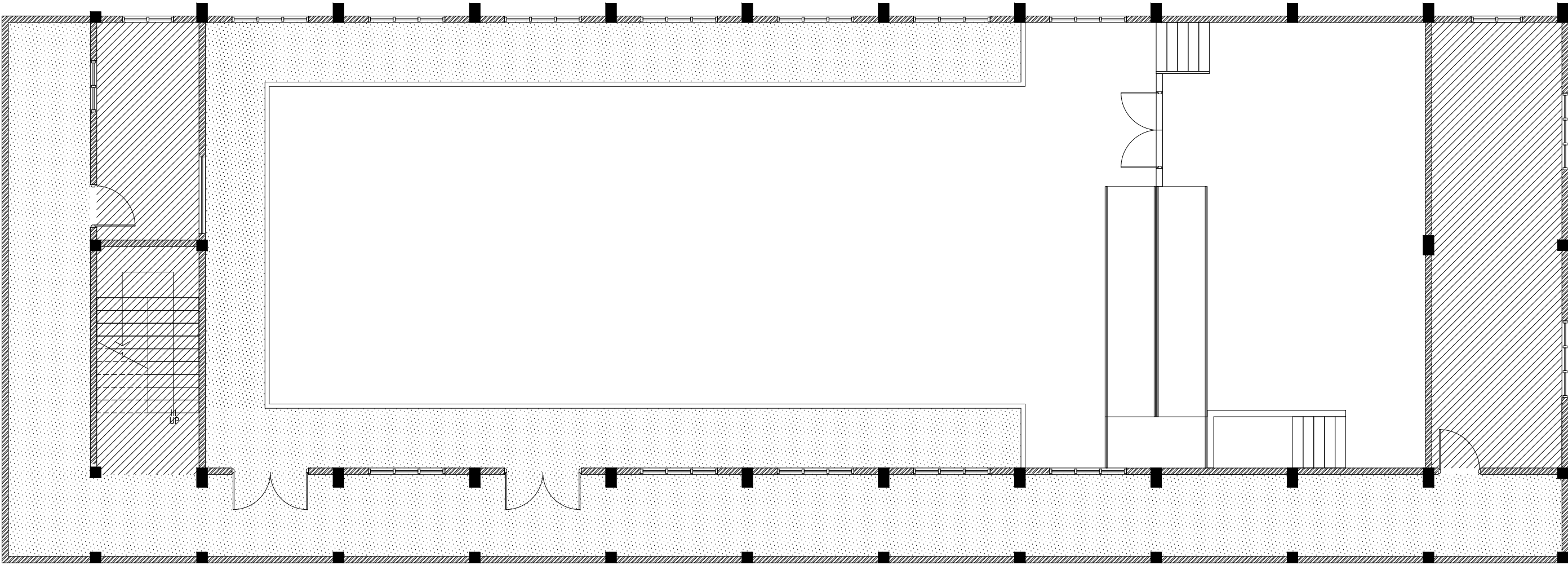
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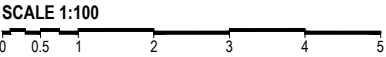
Title: Ground Floor  
Finishes Plan

Page: A-11/24

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FIRST 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

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education



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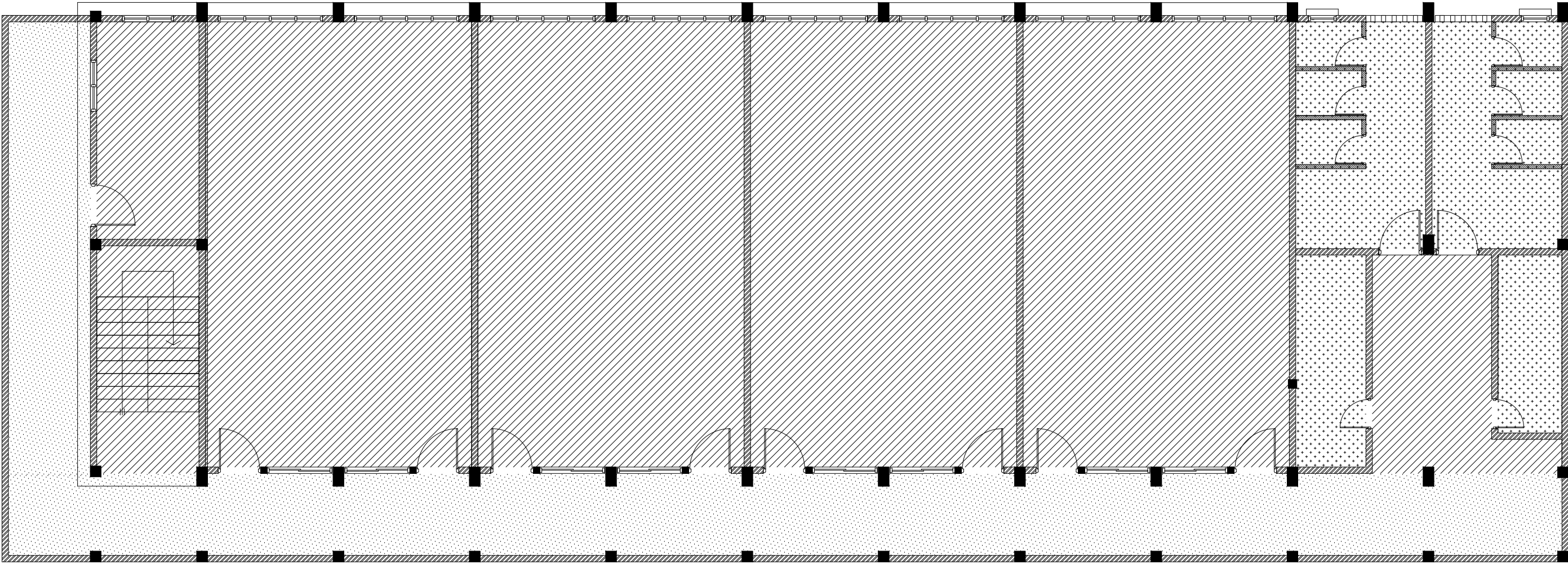
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Project Number: RI/2017/012  
Date: October 2019  
Architect : Razana Amir  
Engineer : Ahmed Zuhail Zaeem  
Drawn by : Leevan/Nick P. Dela Cruz  
Services : Aishath Ahmed  
Interior : -

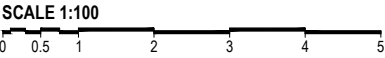
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SECOND & THIRD FLOOR  
FINISHES PLAN



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

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

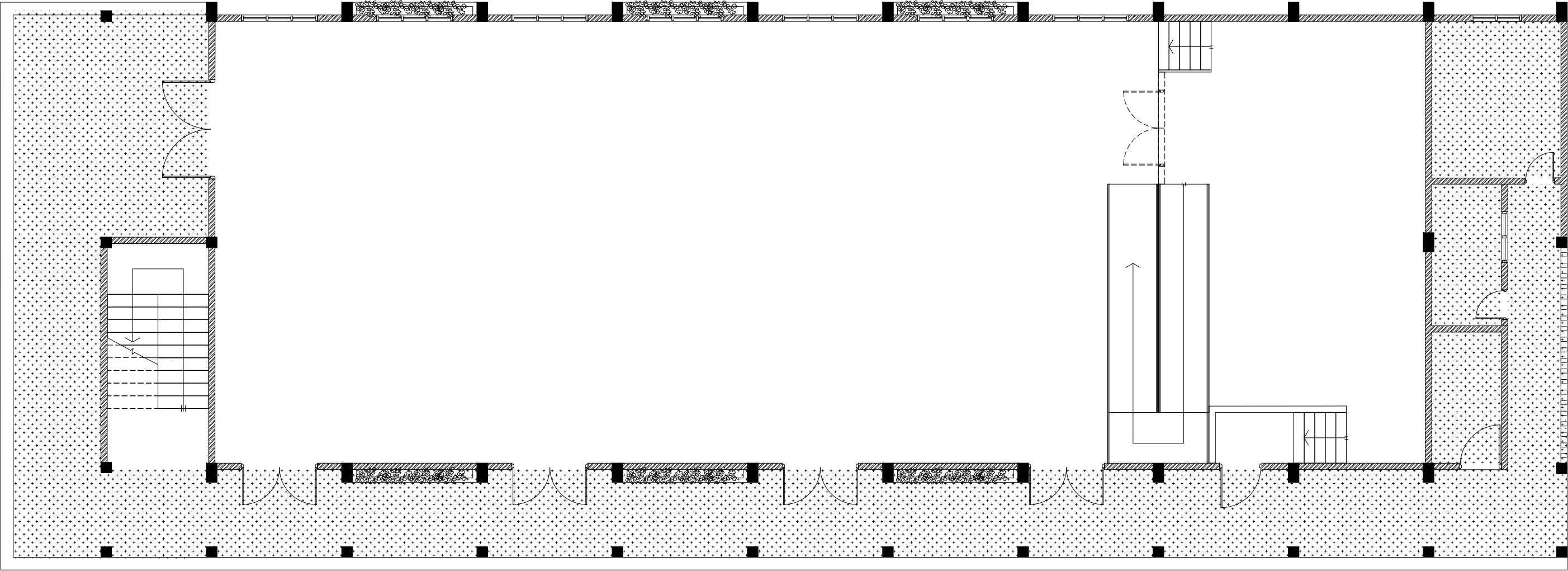


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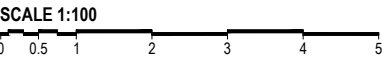
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Project Number: RI/2017/012  
Date: October 2019  
Architect : Razana Amir  
Engineer : Ahmed Zuhail Zaeem  
Drawn by : Leevan/Nick P. Dela Cruz  
Services : Aishath Ahmed  
Interior :-

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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
	SUSPENDED ACOUSTIC CEILING SYSTEM WITH TIMBER FRAMING CEILING HEIGHT : +6875mm
	FIXED CEILING 'BORAL' OR EQUIVALENT PLASTERBOARD CEILING SYSTEM WITH TIMBER FRAMES, APPLIED WITH GROUND SMOOTH FINISH IN SELECTED PAINT

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education



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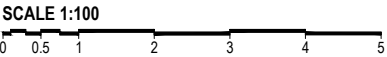
Project Number: RI/2017/012	
Date: October 2019	
Architect : Razana Amir	
Engineer : Ahmed Zuhail Zaeem	
Drawn by : Leevan/Nick P. Dela Cruz	
Services : Aishath Ahmed	
Interior : -	
Rev no	Date
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FIRST FLOOR  
REFLECTED CEILING PLAN



LEGEND	
CODE	DESCRIPTION
	EXPOSED SLAB SOFFIT TO BE FINISHED WITH GROUND SMOOTH FINISH IN SELECTED PAINT
	CEMENT BOARD CEILING
	SUSPENDED ACOUSTIC CEILING SYSTEM WITH TIMBER FRAMING CEILING HEIGHT : + 6875mm
	FIXED CEILING 'BORAL' OR EQUIVALENT PLASTERBOARD CEILING SYSTEM WITH TIMBER FRAMES, APPLIED WITH GROUND SMOOTH FINISH IN SELECTED PAINT

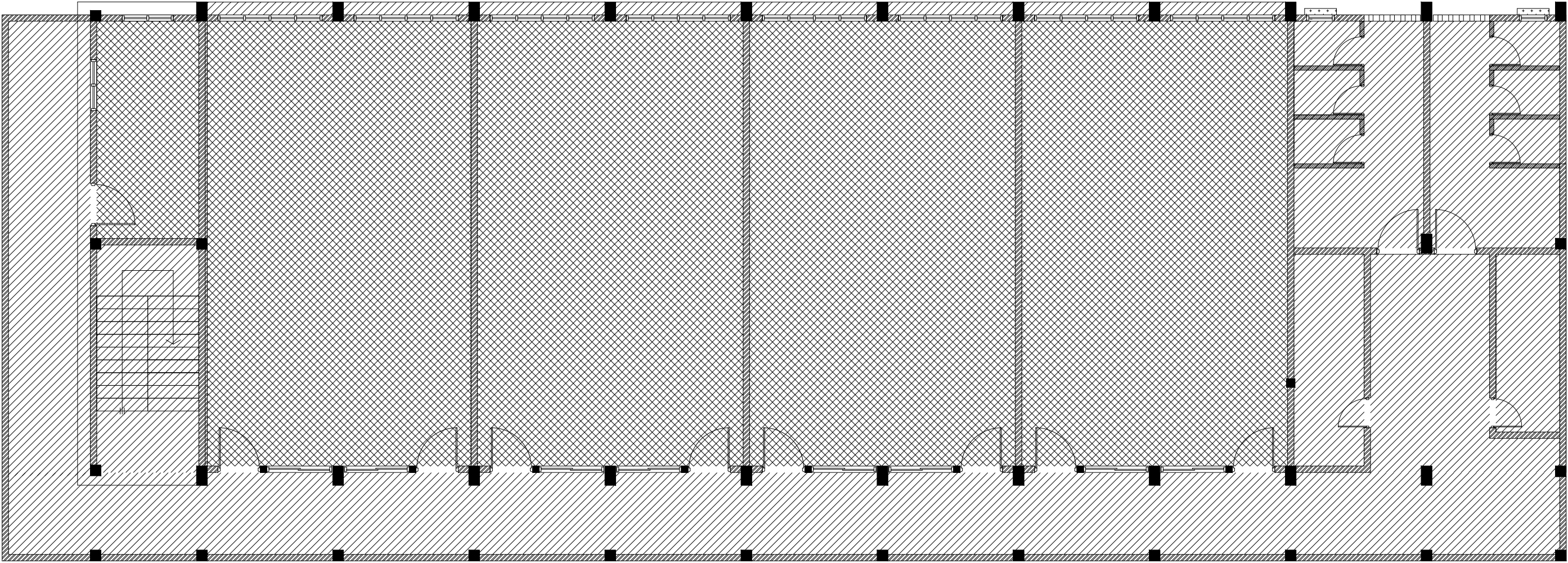
M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education



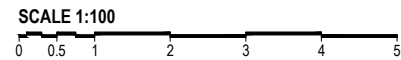
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# SECOND & THIRD FLOOR REFLECTED CEILING PLAN



CODE	DESCRIPTION
	EXPOSED SLAB SOFFIT TO BE FINISHED WITH GROUND SMOOTH FINISH IN SELECTED PAINT
	CEMENT BOARD CEILING
	SUSPENDED ACOUSTIC CEILING SYSTEM WITH TIMBER FRAMING CEILING HEIGHT : +6875mm
	FIXED CEILING 'BORAL' OR EQUIVALENT PLASTERBOARD CEILING SYSTEM WITH TIMBER FRAMES, APPLIED WITH GROUND SMOOTH FINISH IN SELECTED PAINT

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education



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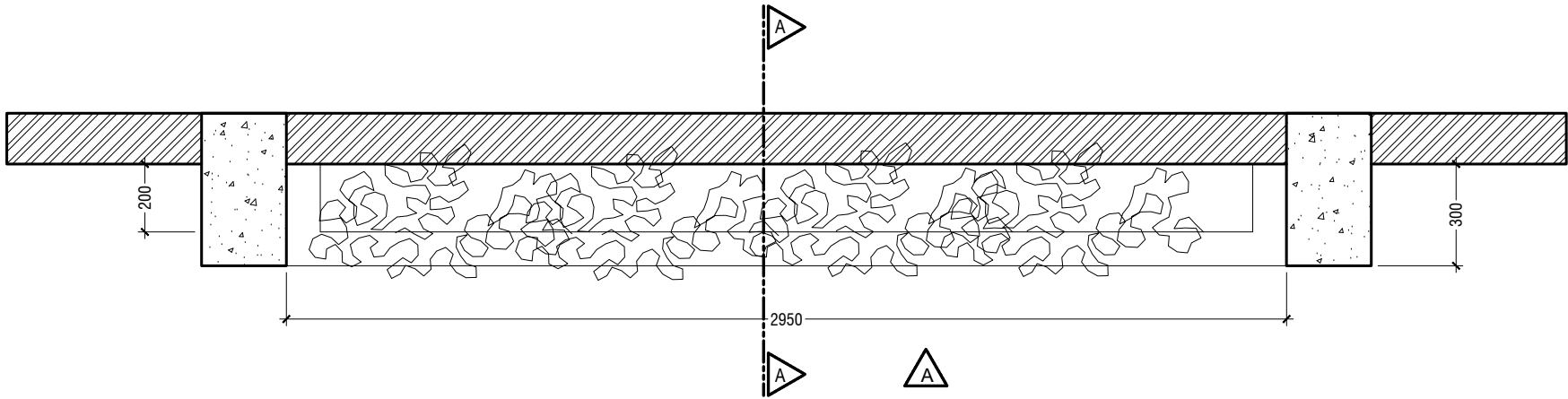
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Title: Second & Third Floor  
Reflected Ceiling Plan

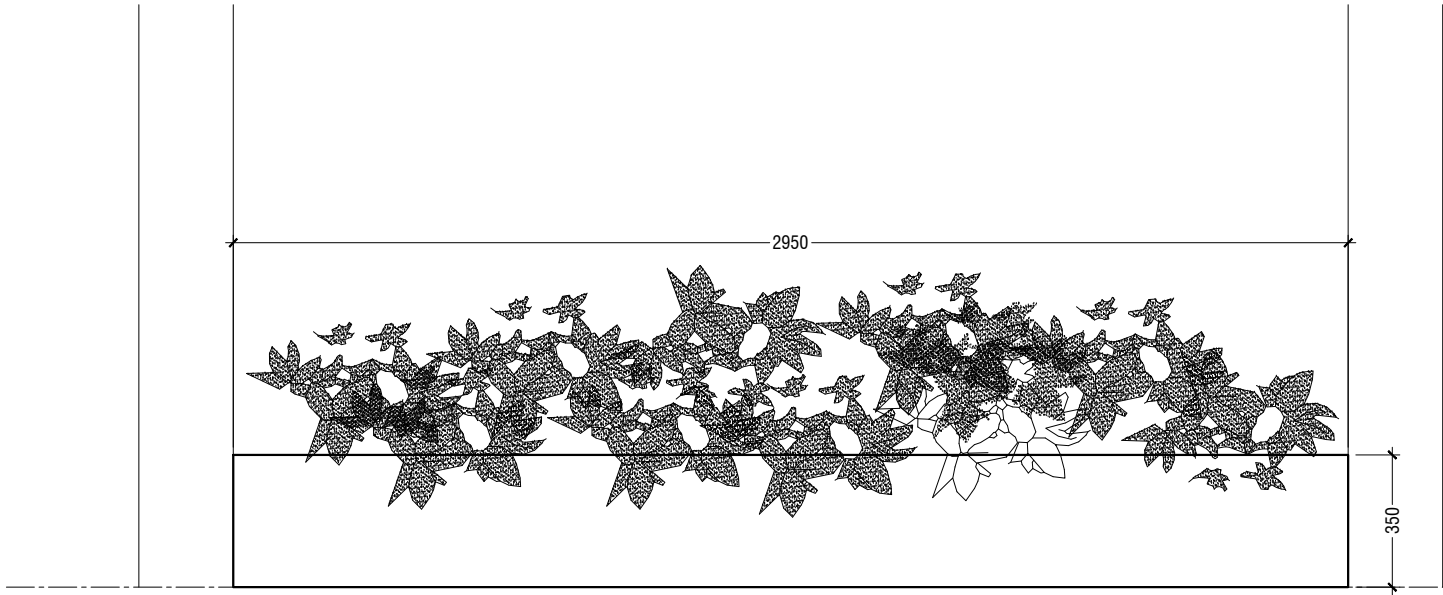
Page: A-16/24

Rev no	Date
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Project Number: RI/2017/012  
Date: October 2019  
Architect : Razana Amir  
Engineer : Ahmed Zuhail Zaeem  
Drawn by : Leevan/Nick P. Dela Cruz  
Services : Aishath Ahmed  
Interior :-

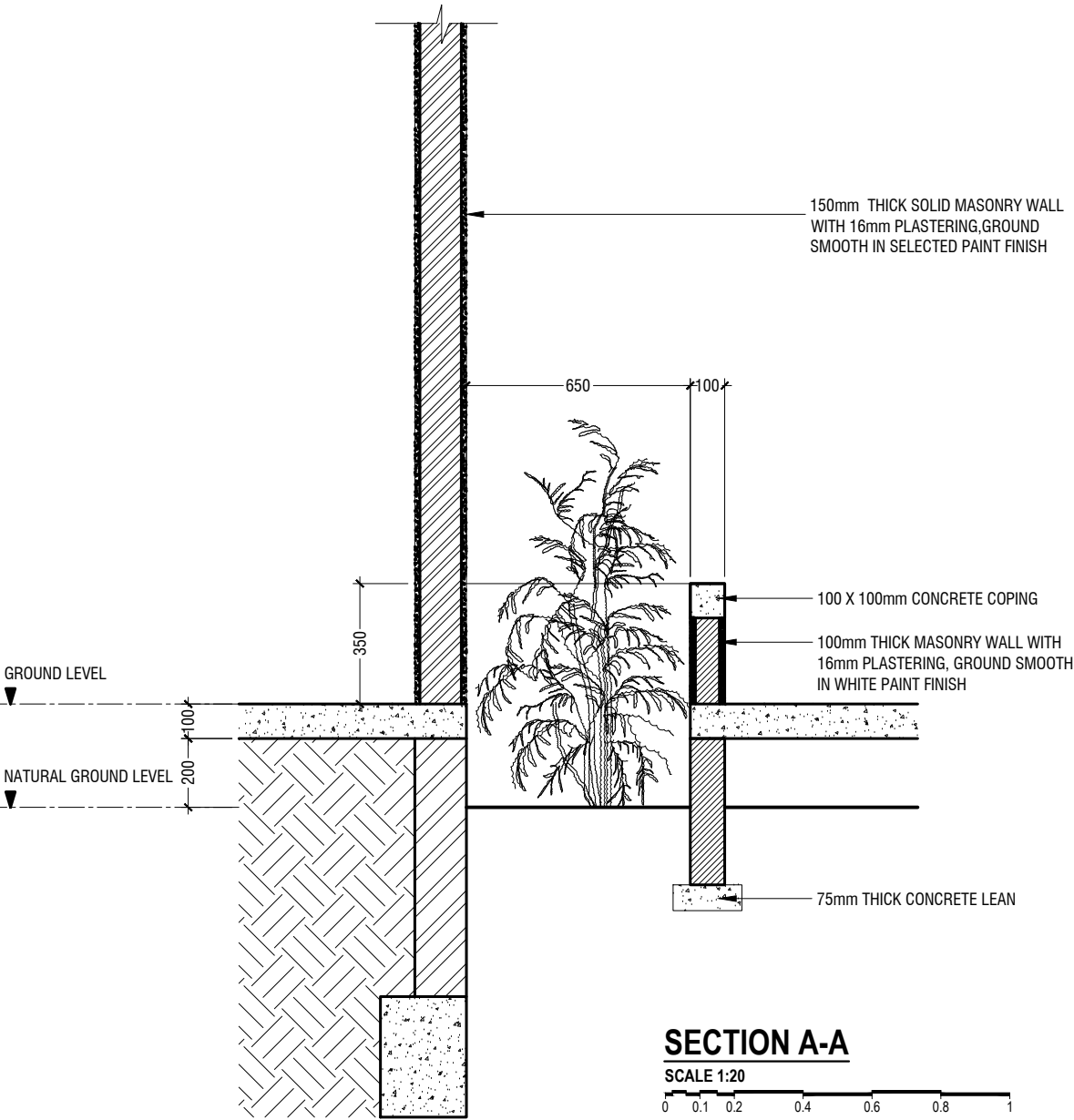


**PLAN**  
SCALE 1:20



**ELEVATION A**  
SCALE 1:20

**TYPICAL PLANTER BOX DETAILS**



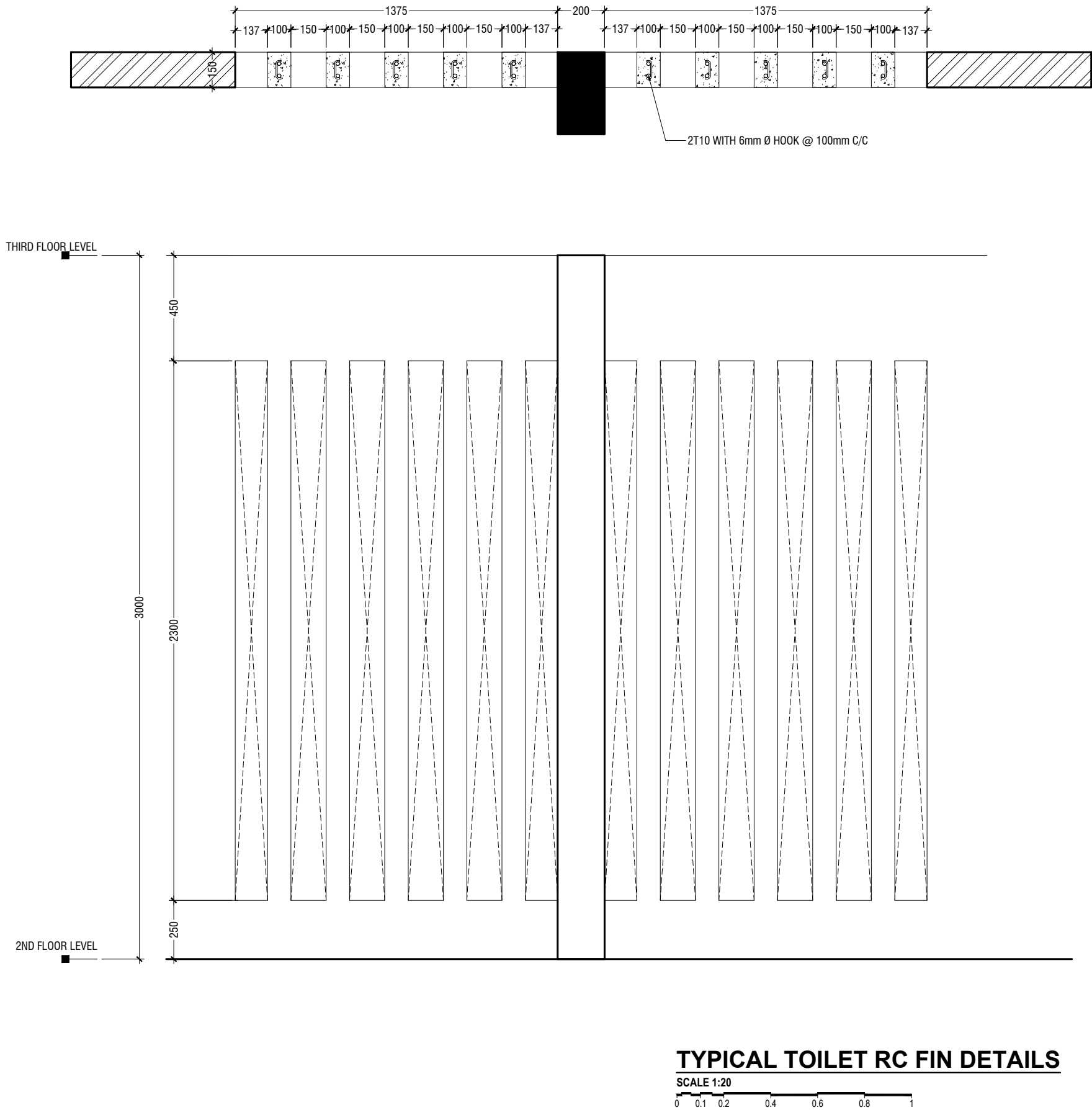
**SECTION A-A**  
SCALE 1:20

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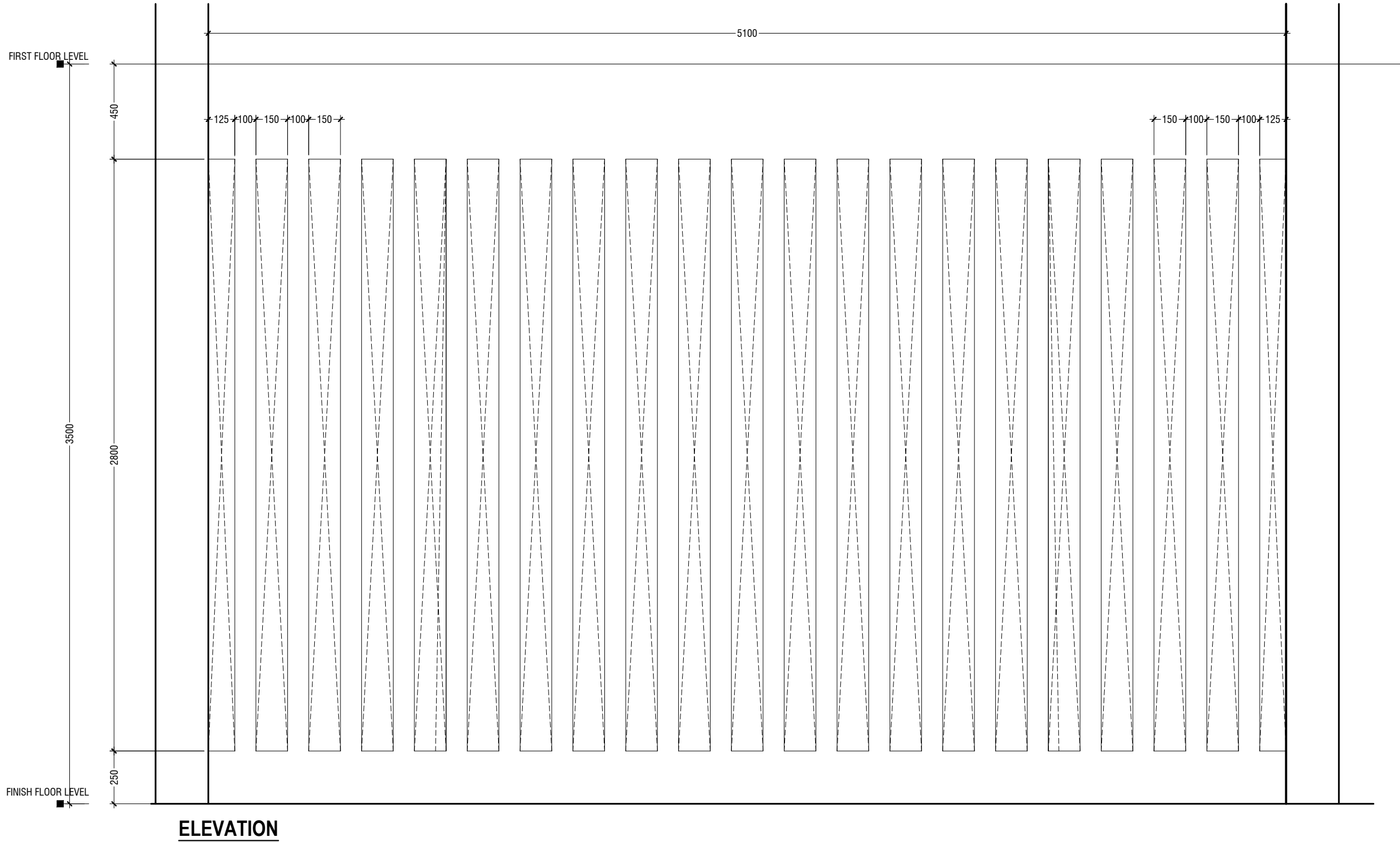
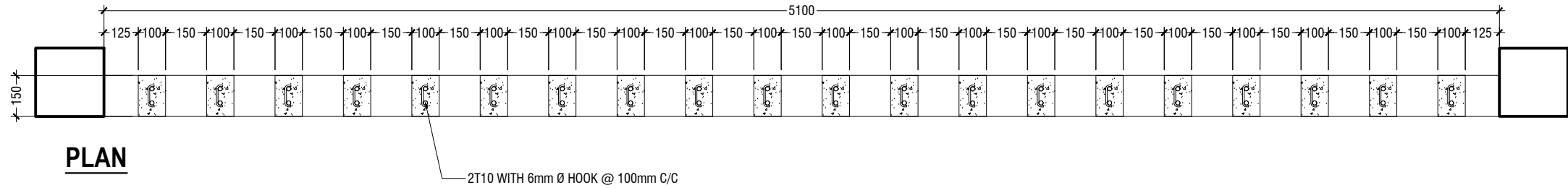
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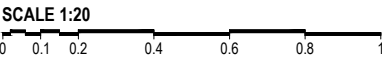
M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

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Project Number: RI/2017/012  
Date: October 2019  
Architect: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Drawn by: Leevan/Nick P. Dela Cruz  
Services: Aishath Ahmed  
Interior :-



### CHANGING AREA RC FIN DETAILS



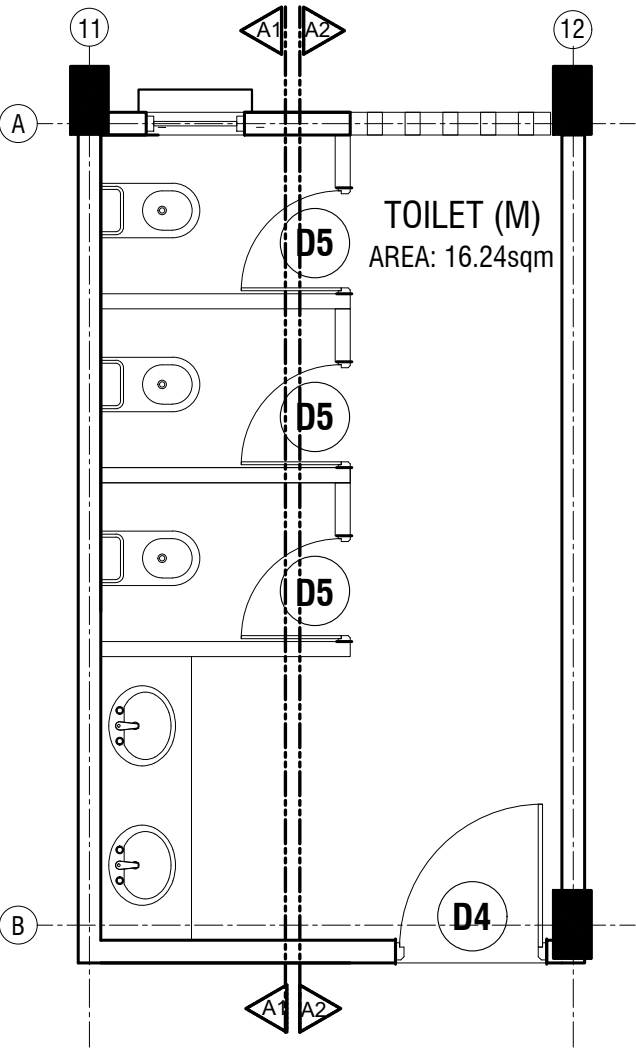
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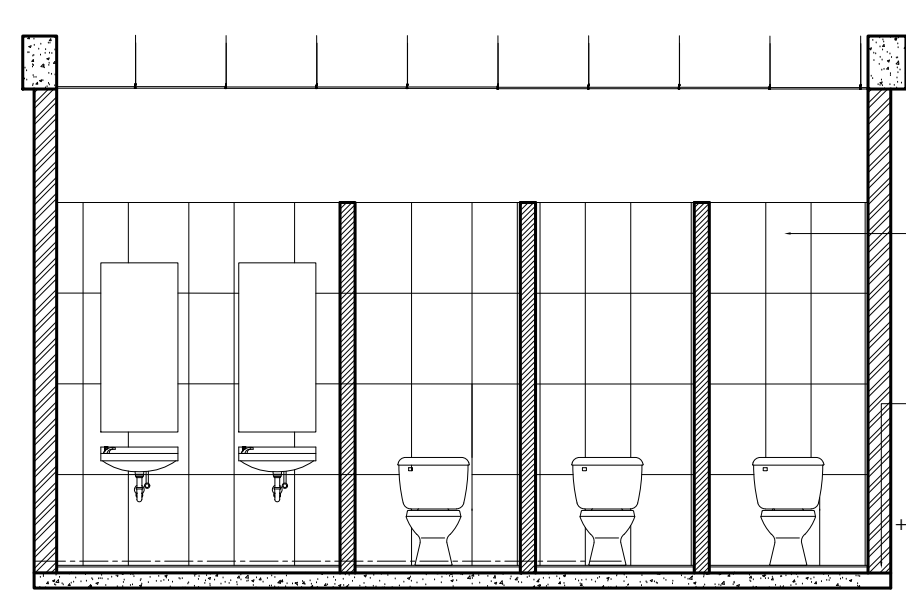
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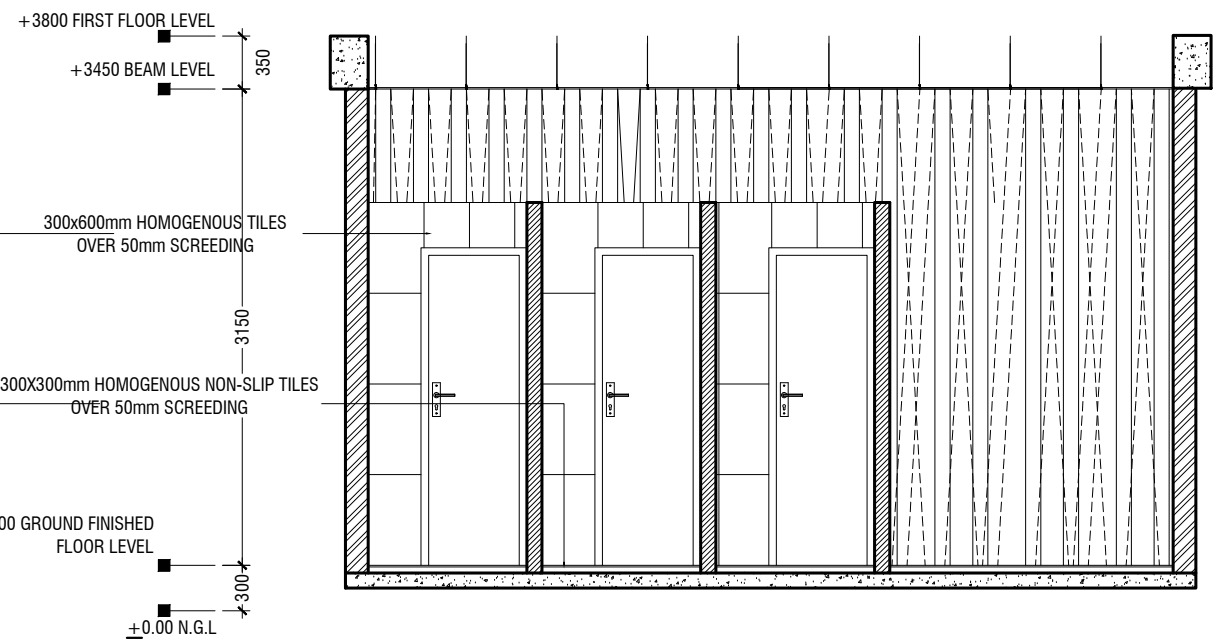
**TYPICAL TOILET PLAN**

SCALE 1:50



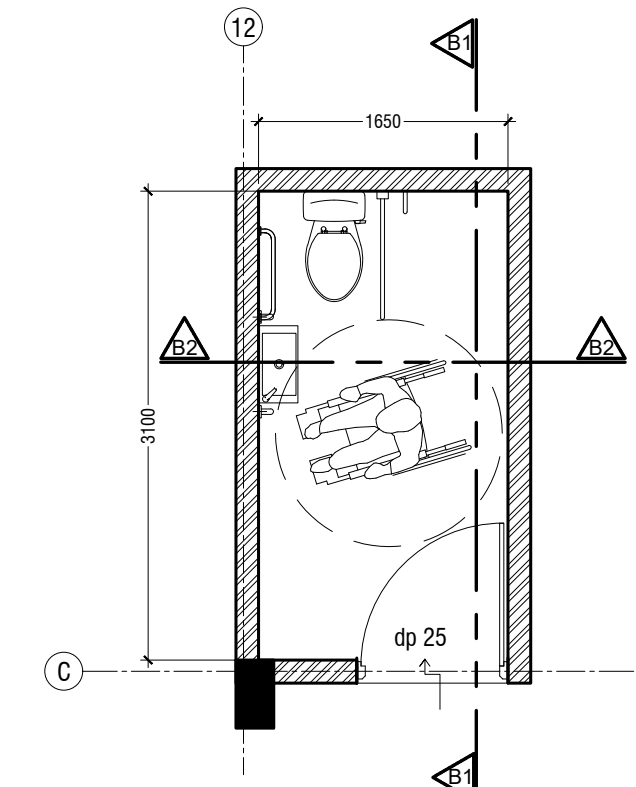
**SECTION A1-A1**

SCALE 1:50



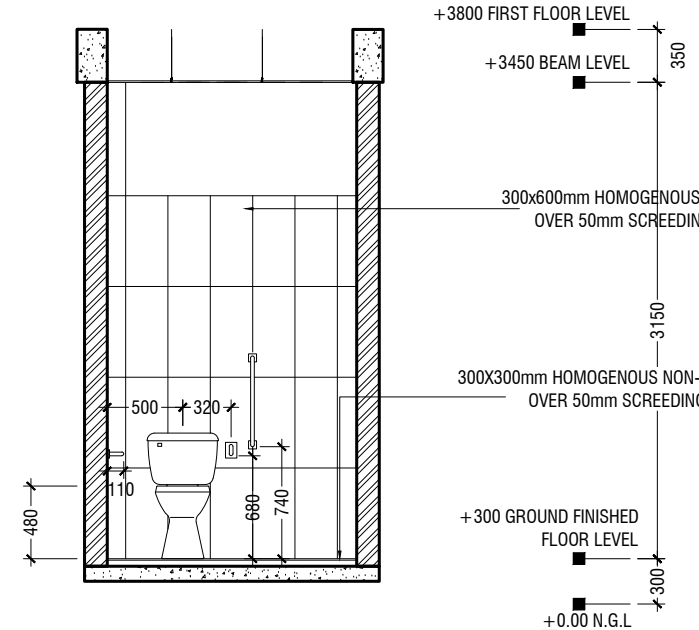
**SECTION A2-A2**

SCALE 1:50



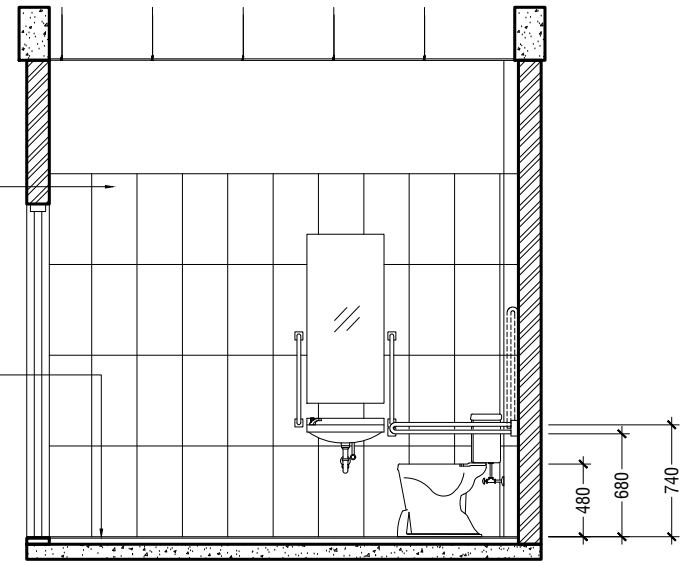
**TOILET FOR PERSONS WITH DISABILITIES PLAN**

SCALE 1:50



**SECTION B1-B1**

SCALE 1:50



**SECTION B2-B2**

SCALE 1:50

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
1	10/10/2019
2	10/10/2019
3	10/10/2019
4	10/10/2019
5	10/10/2019
6	10/10/2019
7	10/10/2019
8	10/10/2019
9	10/10/2019
10	10/10/2019

Project Number: RI/2017/012  
Date: October 2019  
Architect: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Drawn by: Leevan/Nick P. Dela Cruz  
Services: Aishath Ahmed  
Interior :-



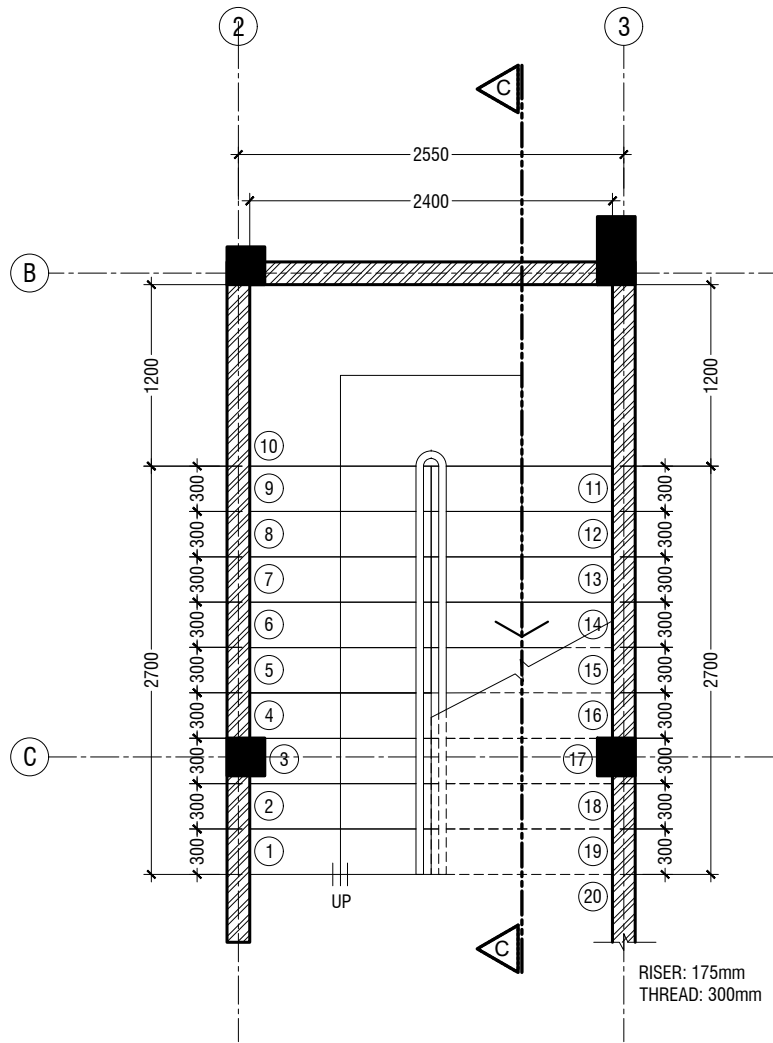
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Title: Toilet Details

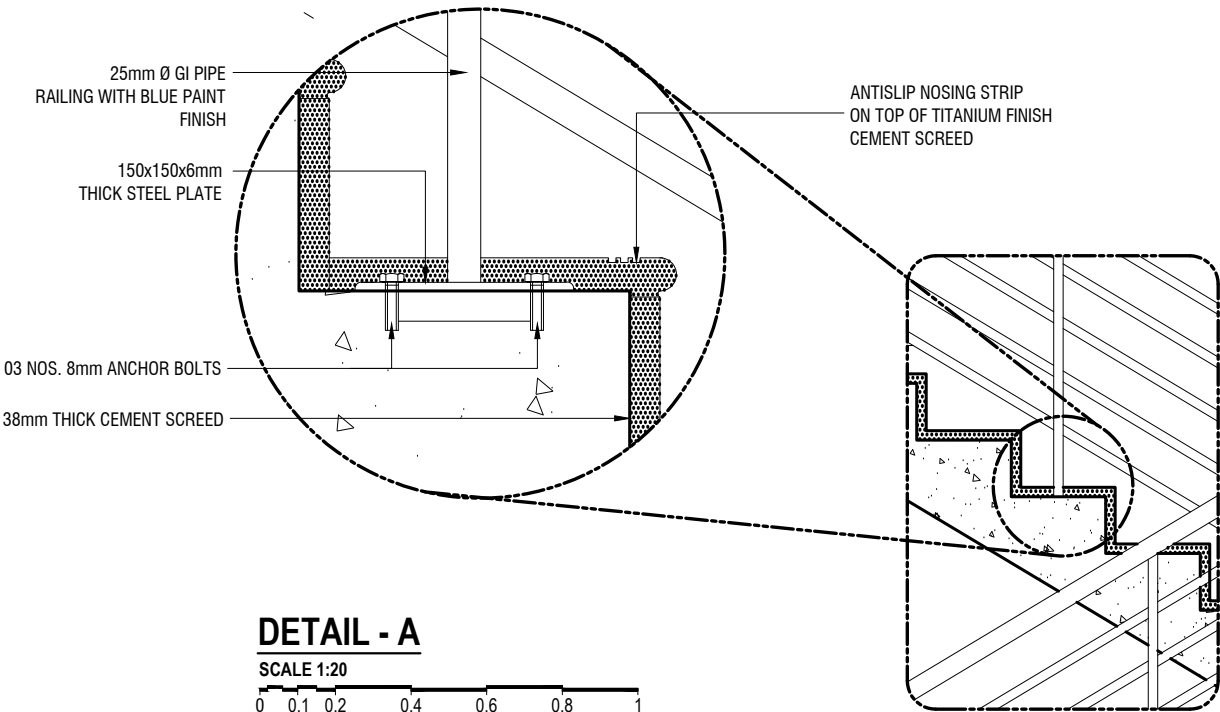
Page: A-20/24

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MAIN STAIRCASE PLAN

SCALE 1:50



DETAIL - A

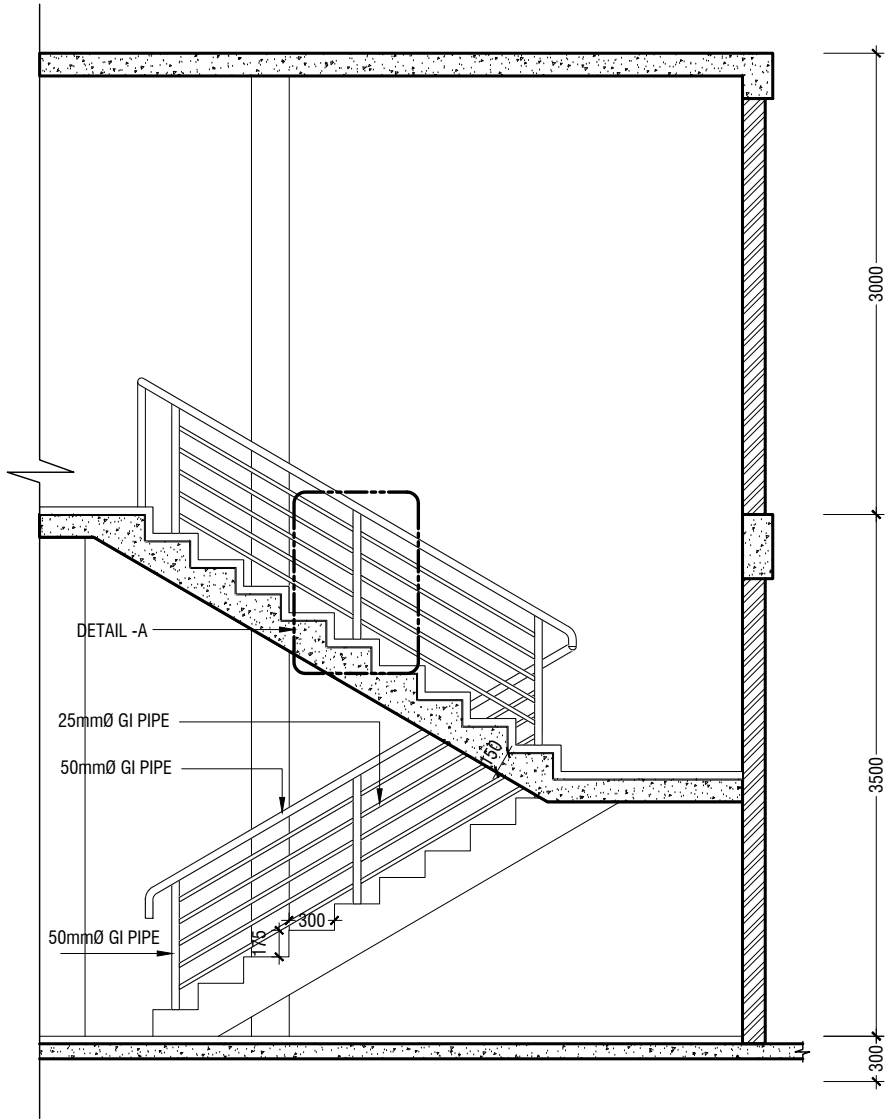
SCALE 1:20

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

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
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Project Number: RI/2017/012  
Date: October 2019  
Architect : Razana Amir  
Engineer : Ahmed Zuhail Zaeem  
Drawn by : Leevan/Nick P. Dela Cruz  
Services : Aishath Ahmed  
Interior :-



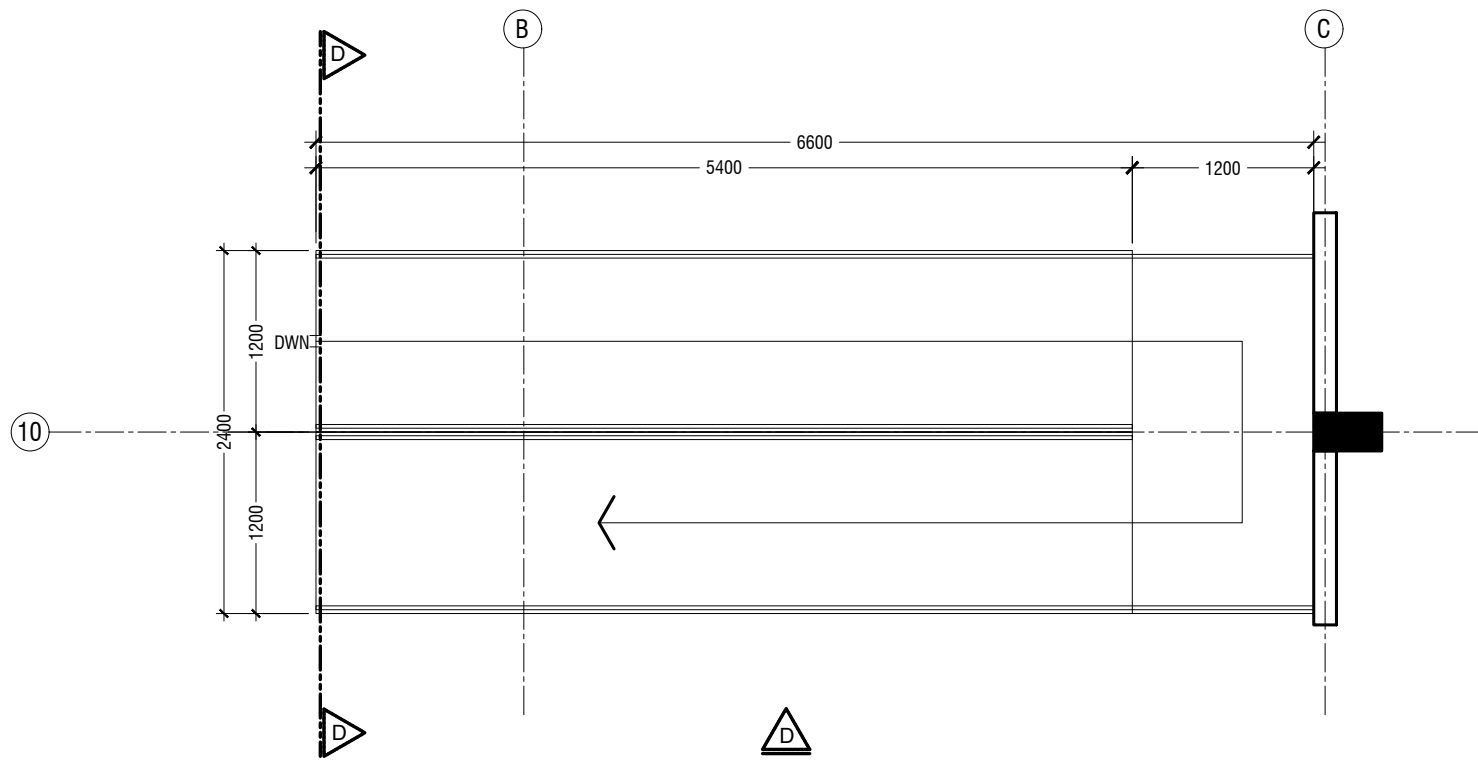
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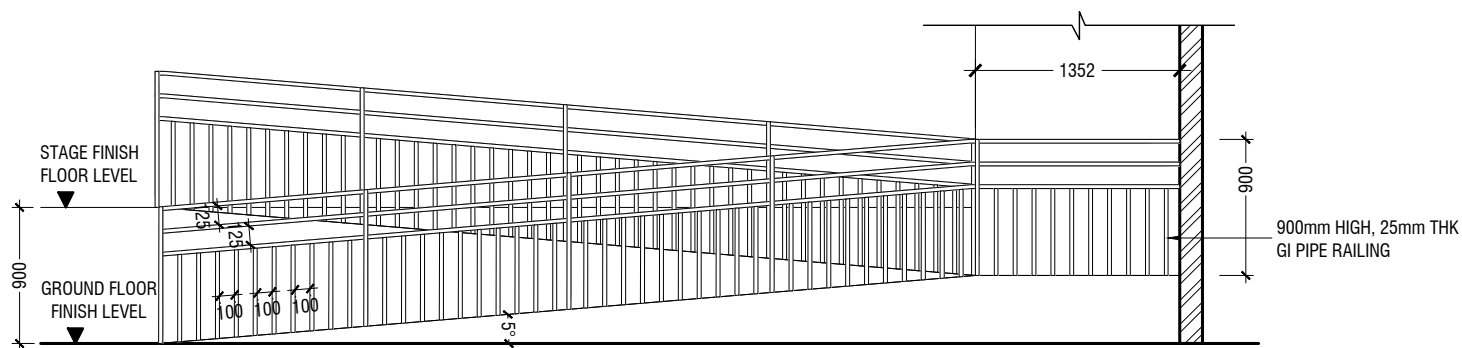
Title: Main Staircase Detail

Page: A-21/24

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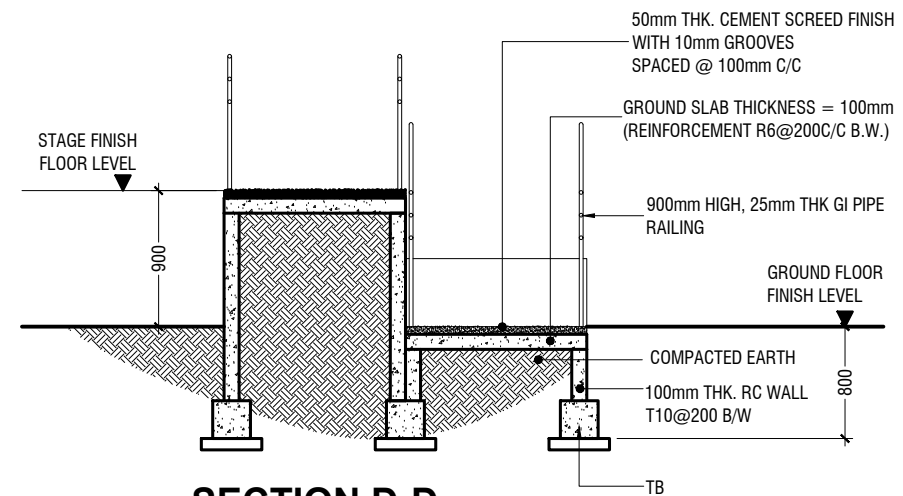
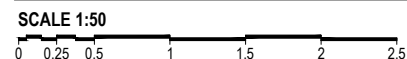


**PLAN**



**ELEVATION D**

**STAGE RAMP DETAIL**



**SECTION D-D**

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
1	2017/10/12
2	2017/10/12
3	2017/10/12
4	2017/10/12
5	2017/10/12
6	2017/10/12
7	2017/10/12
8	2017/10/12
9	2017/10/12
10	2017/10/12

Project Number: RI/2017/012  
Date: October 2019  
Architect: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Drawn by: Leevan/Nick P. Dela Cruz  
Services: Aishath Ahmed  
Interior :-



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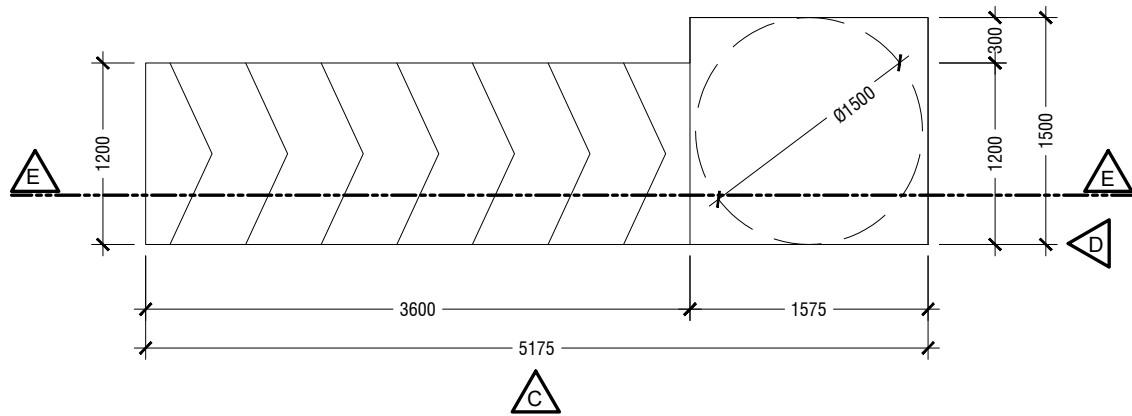
t: +9603315049 f: +9603310776  
e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azum, Aneeneemagu, Male'

Title: Stage Ramp Details

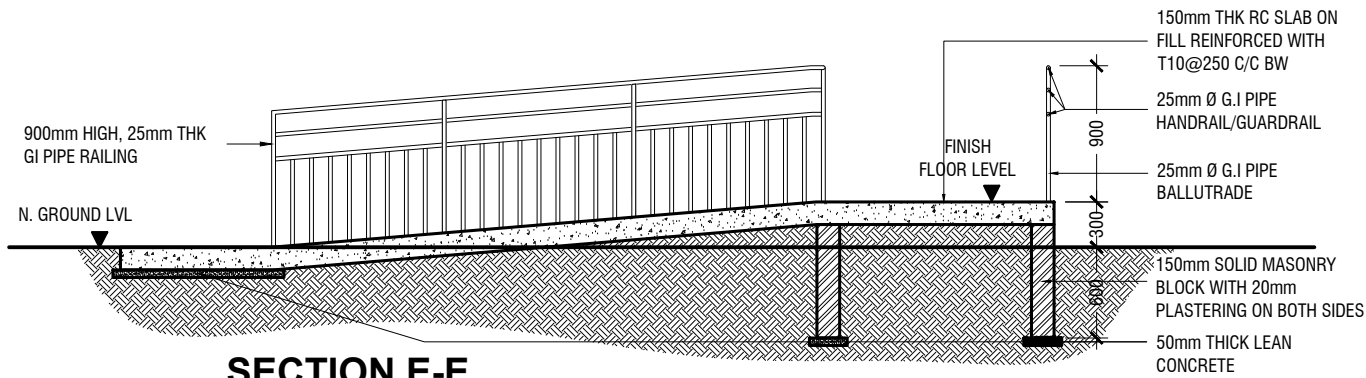
Page: A-22/24

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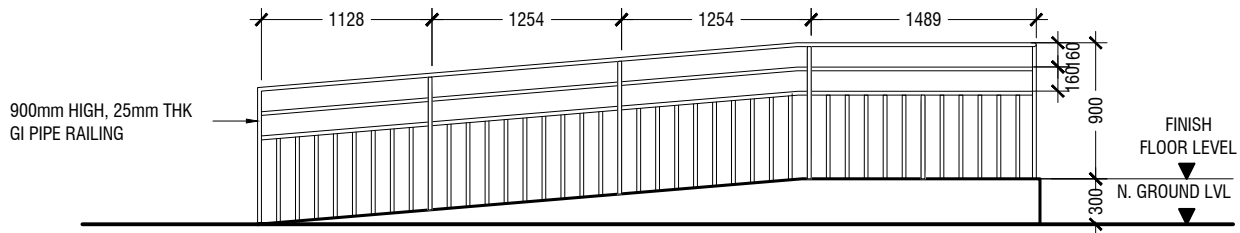
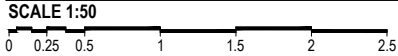


PLAN

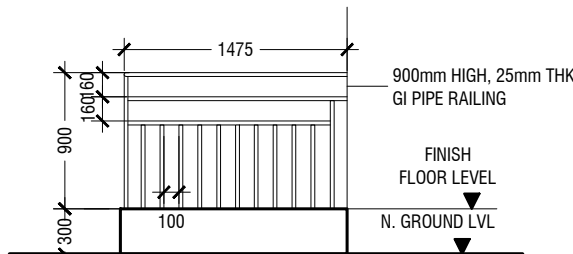


SECTION E-E

MAIN ENTRANCE RAMP DETAILS



ELEVATION C



ELEVATION D

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
--	----
--	----
--	----
--	----

Project Number: RI/2017/012  
Date: October 2019  
Architect: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Drawn by: Leevan/Nick P. Dela Cruz  
Services: Aishath Ahmed  
Interior :-



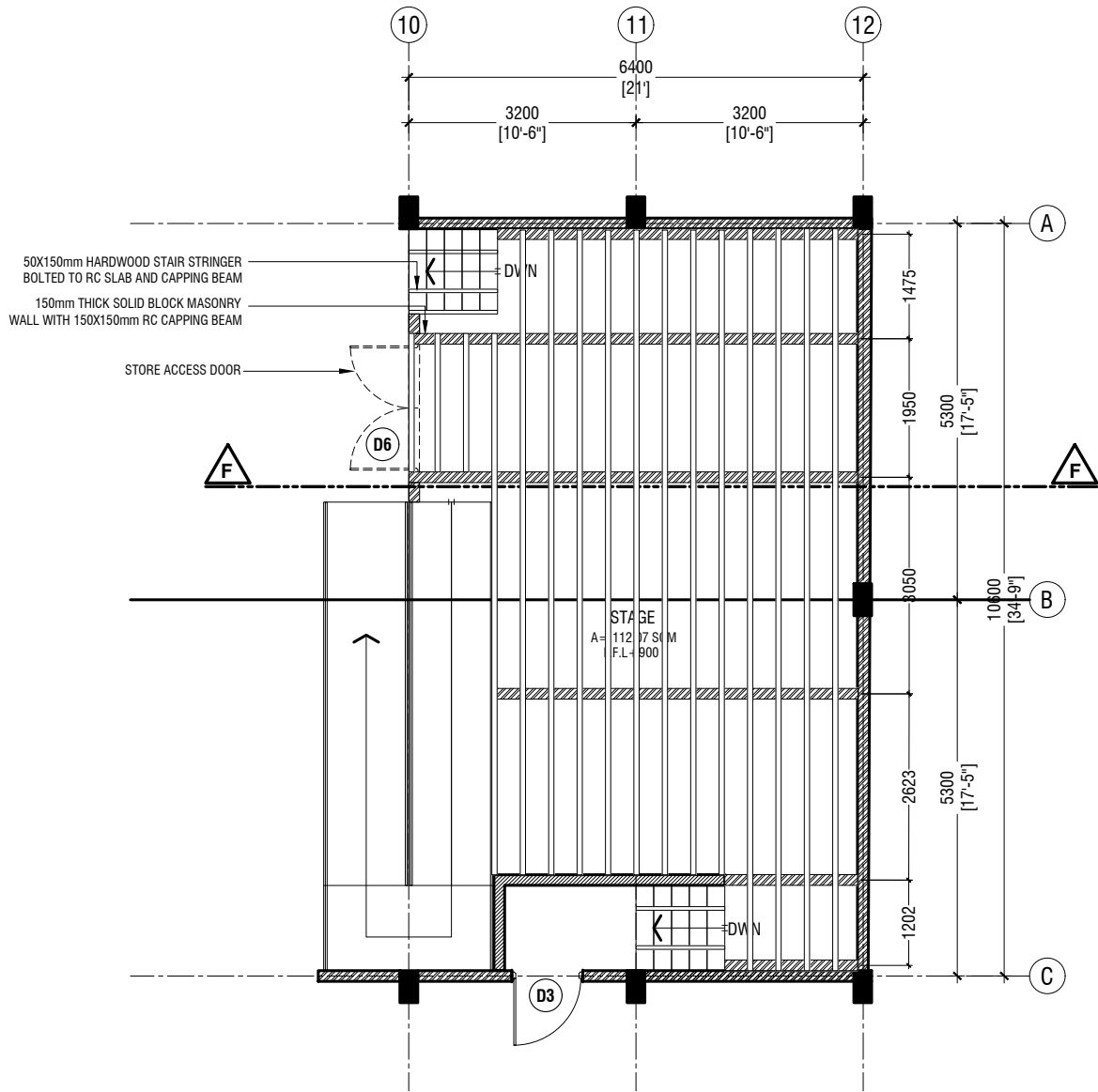
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3rd floor, H. Azum, Ameerneemagu, Male'

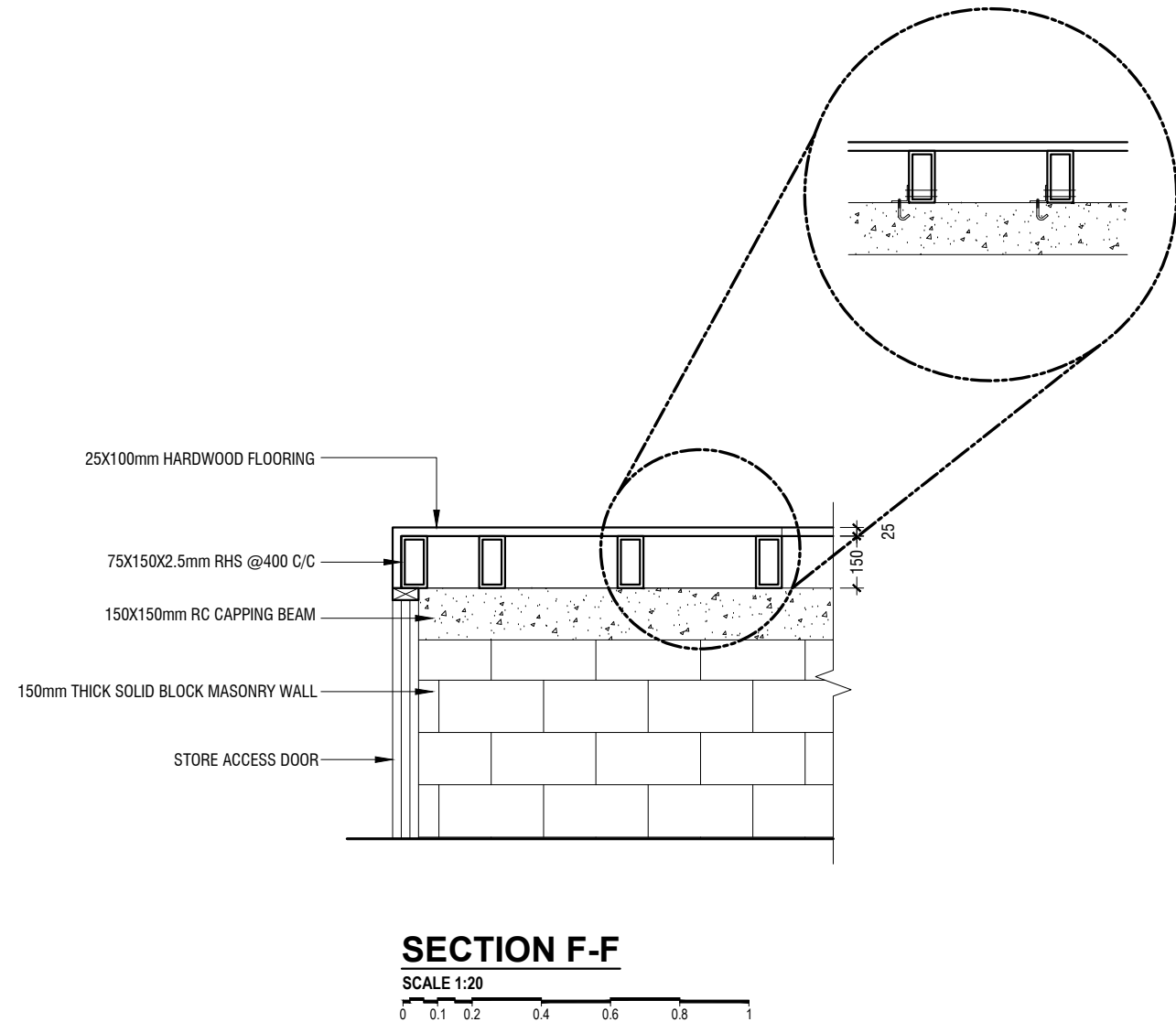
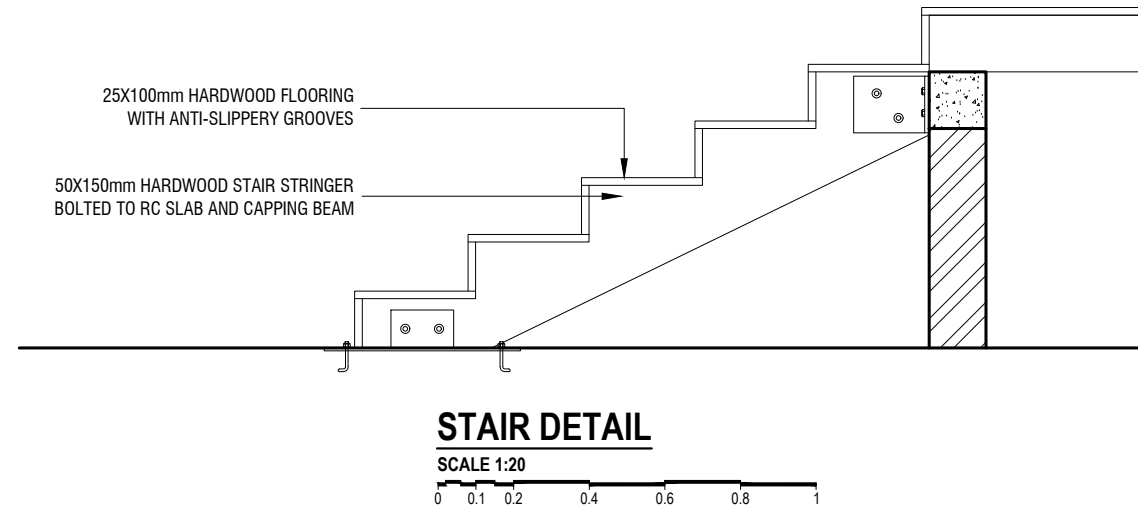
Title: Main Entrance  
Ramp Details

Page: A-23/24

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**STAGE FRAMING PLAN**  
SCALE 1:100



M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
1	2019/10/20
2	2019/10/20
3	2019/10/20
4	2019/10/20
5	2019/10/20

Project Number: RI/2017/012  
Date: October 2019  
Architect: Razana Amir  
Engineer: Ahmed Zuhail Zaeem  
Drawn by: Leevan/Nick P. Dela Cruz  
Services: Aishath Ahmed  
Interior :-

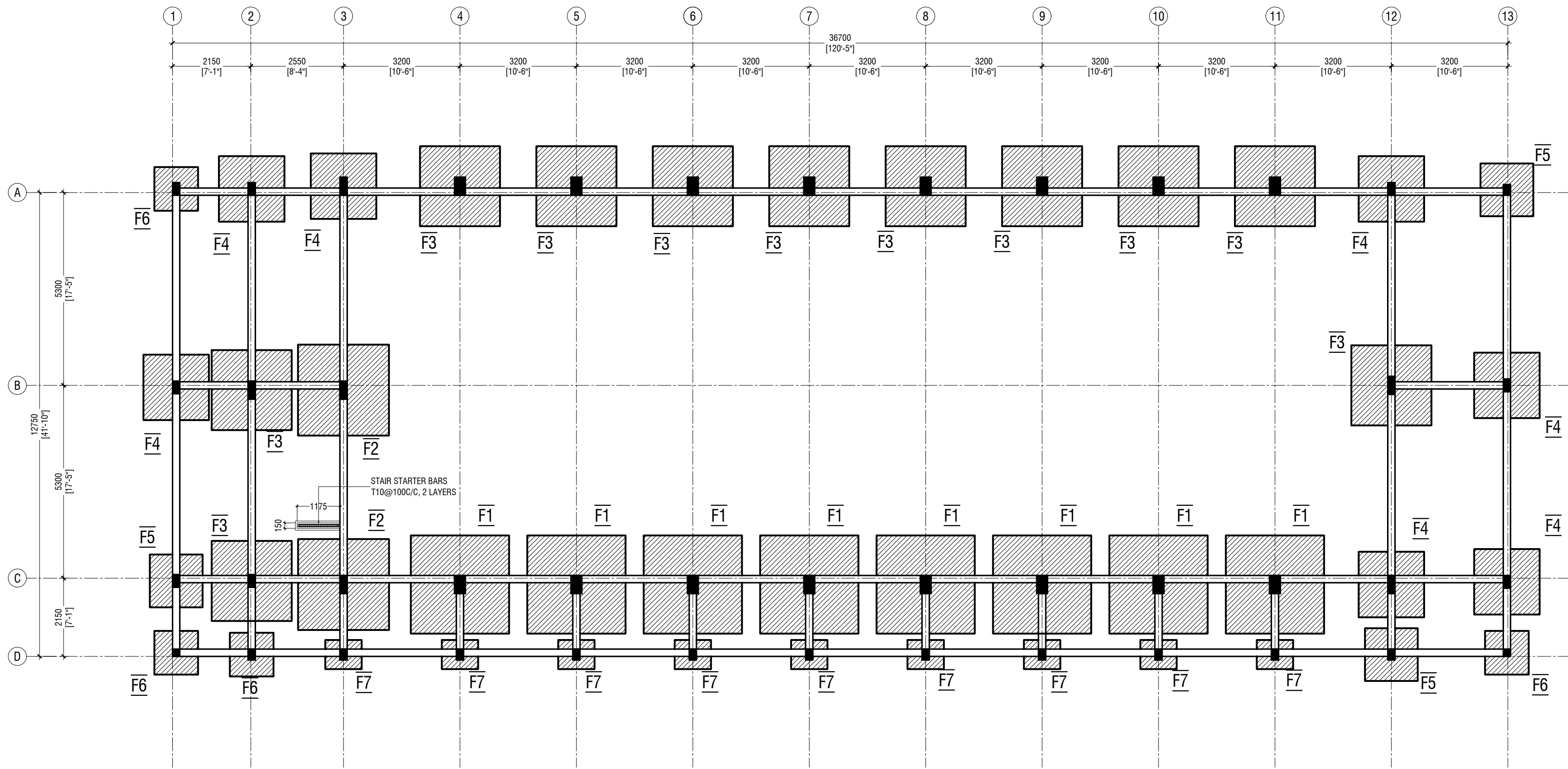


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3rd floor, H. Azum, Ameerseemagau, Male'

Title: Stage Framing Plan and Details

Page: A-24/24

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FOUNDATION PLAN

SCALE 1:100

NOTE:

FOUNDATION DEPTH : 1200mm BELOW GROUND LEVEL  
ALL TIE BEAM ARE FBT  
ALL FOOTINGS ARE TO BE LAID ON TOP OF 50mm THICK  
LEAN CONCRETE  
APPLY WATER PROOFING TO SUBSTRUCTURE  
(BELOW GROUND ELEMENTS)

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
..	.....
..	.....
..	.....
..	.....

Project Number: RI/2017/02  
Date: October 2015  
Author: Amir  
Engineer: Ahmed Zuhail Zaeem  
Drawn by: Nick P. De la Cruz  
Services: Alkhath Ahmed  
Interior :



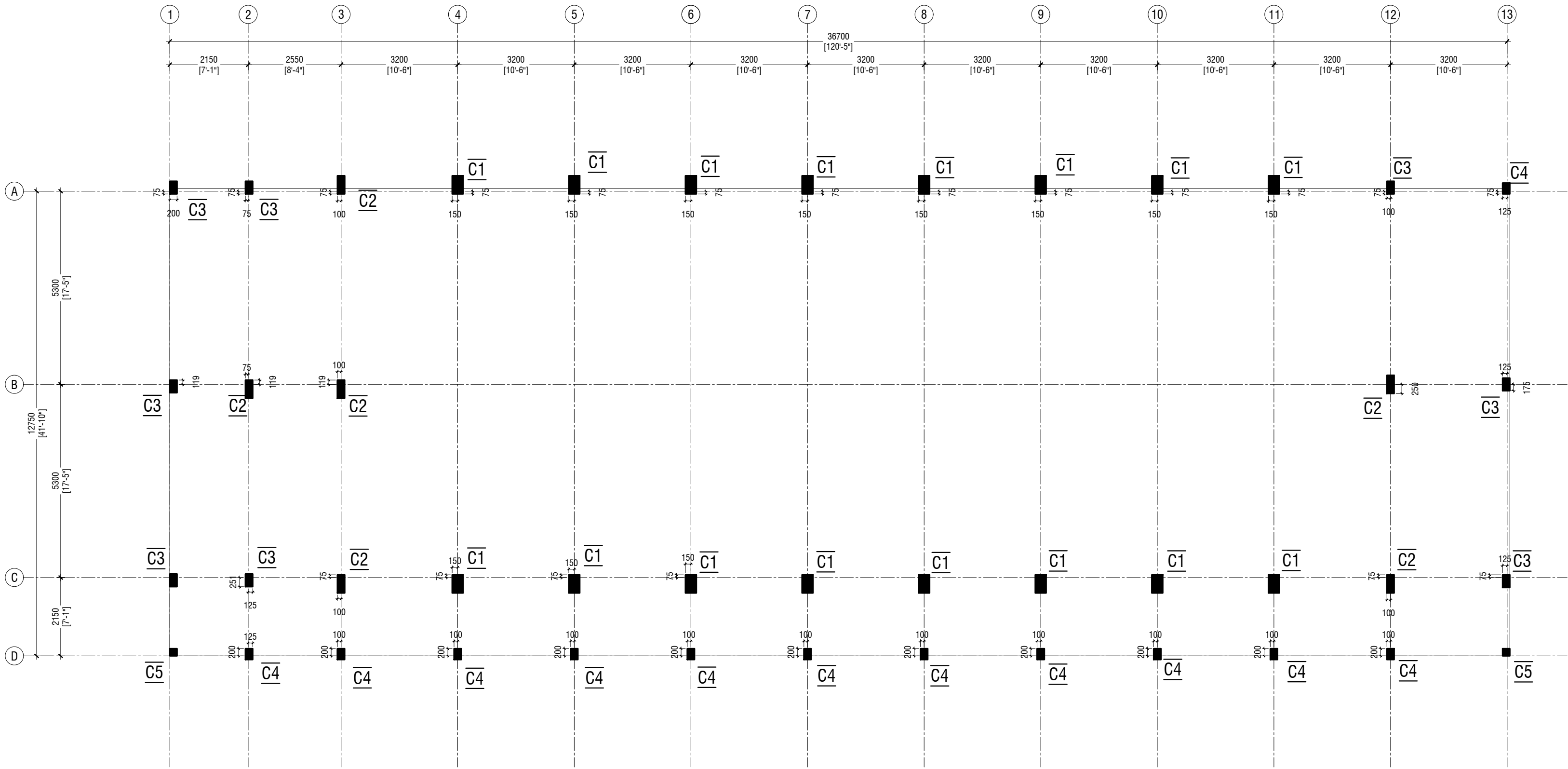
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3rd floor, H. Azumi, Aareememoggu, Male'

Title: Foundation Plan

Page: S-01/13

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**GROUND & 1st FLOOR TYPICAL COLUMN LAYOUT**

SCALE 1:100  
0 0.5 1 2 3 4 5

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)

Client: Ministry of Education

Project Number: RI/2017/012

Date: 04 October 2015

Drawn by: Nick P. De la Cruz

Engineer: Ahmed Zuhair Zaeem

Services: Alkhathir Ahmed

Interior: .

Rev no

Date



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3rd Floor, H. Azum, Ameeremogga, Male

Title: Ground & 1st Floor

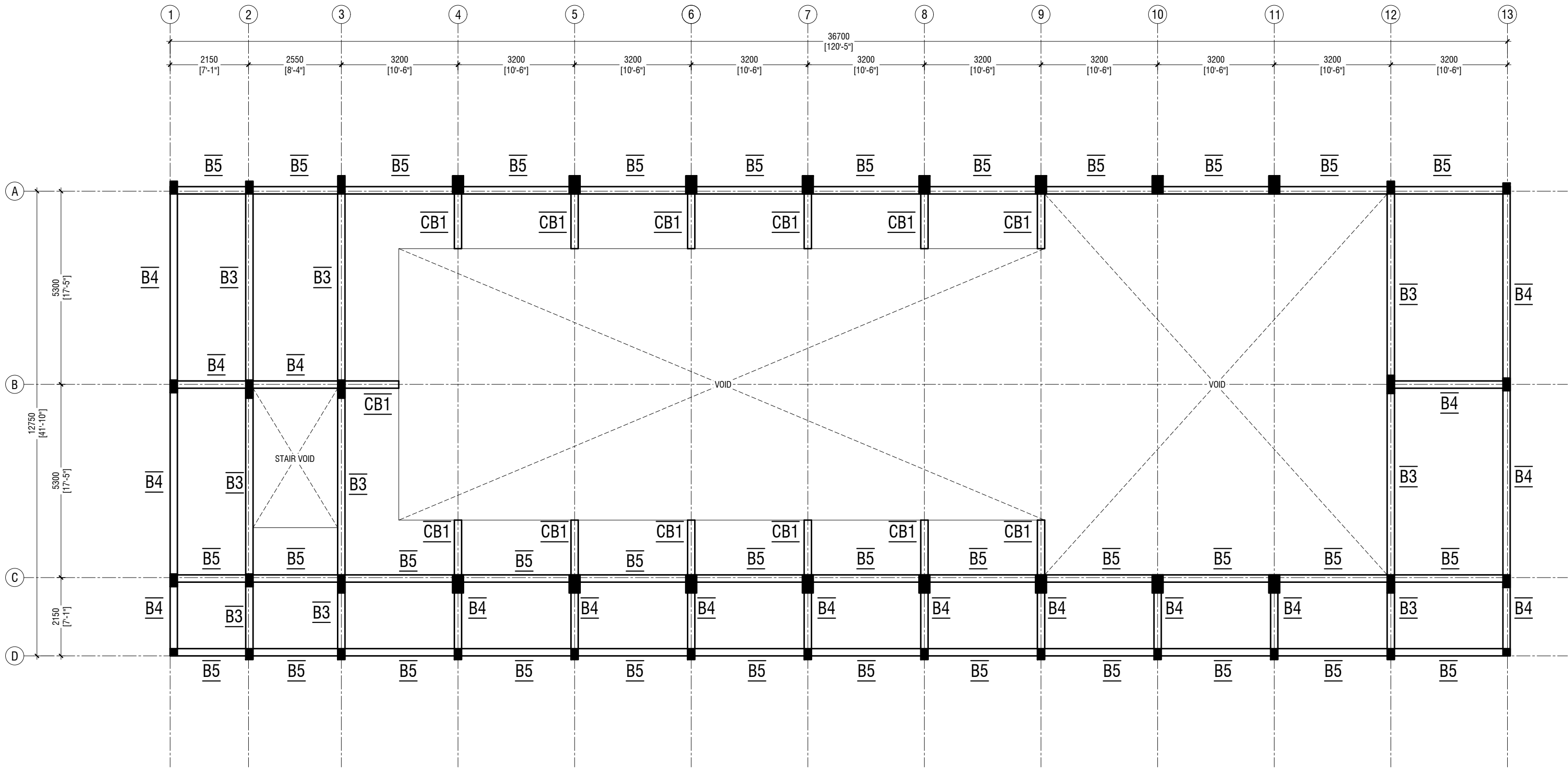
Typical Column Layout

Page: S-02/13

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A horizontal number line with tick marks at 0, 0.5, 1, 2, 3, 4, and 5. The line is labeled with these numbers below the tick marks.



1st FLOOR BEAM PLAN

SCALE 1:100

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)

Client: Ministry of Education

Rev no	Date
1	2015
2	2015
3	2015
4	2015
5	2015

Project Number: RI/2017/02  
Date: 2015  
Drawn by: Nick P. De la Cruz  
Engineer: Ahmed Zuhair Zaeem  
Services: Alkhatir Ahmed  
Inspector: .....

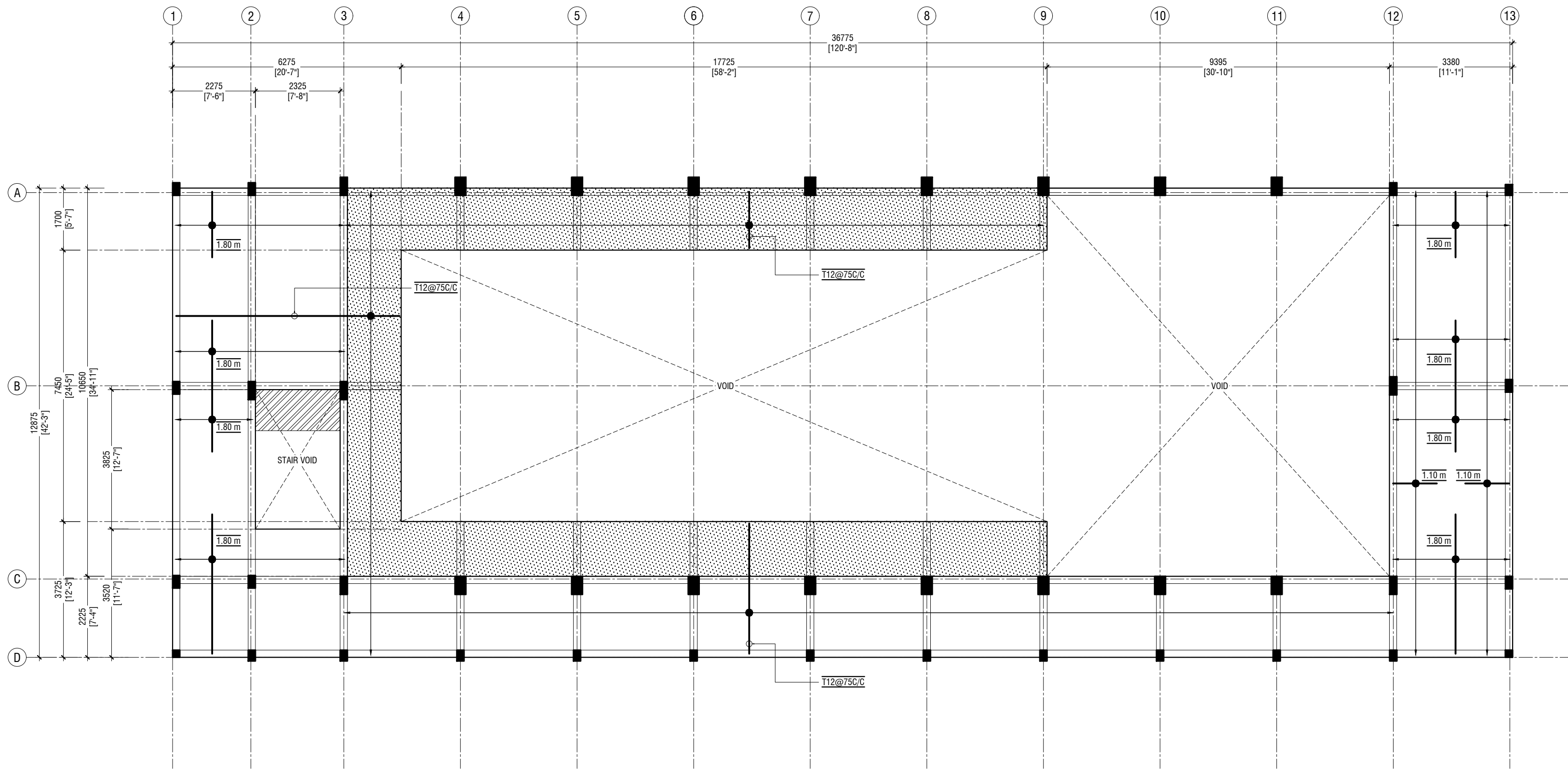


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3rd floor, H. Azumi, Ameeremogga, Male'

Title: 1st Floor Beam Plan

Page: S-04/13

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### 1st FLOOR REINFORCEMENT PLAN

SCALE 1:100



#### NOTE

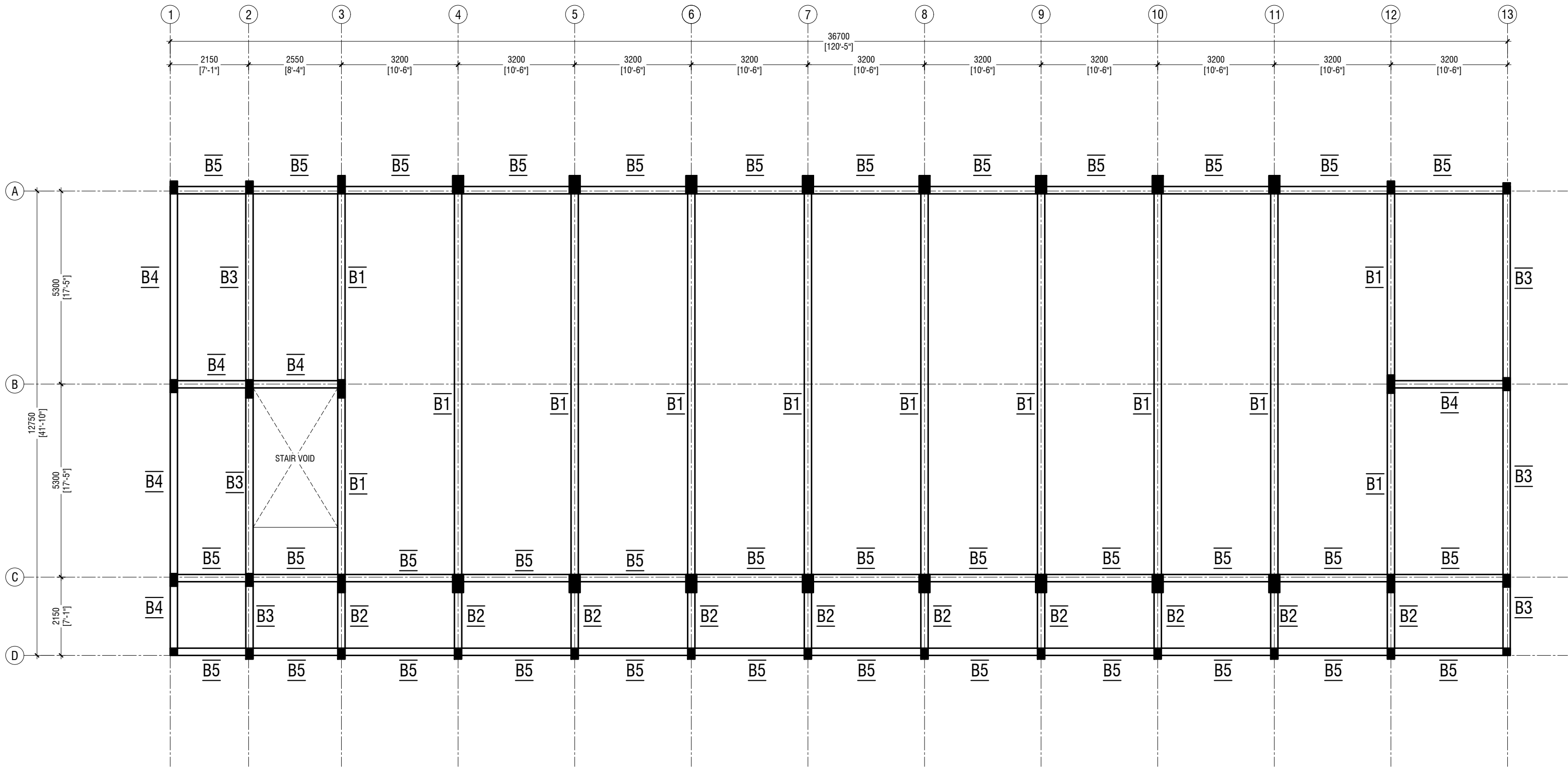
- SLAB THICKNESS - 160mm
- SLAB THICKNESS - 180mm
- HALF LANDING SLAB - 150mm WITH T12 @ 100mm T&B

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

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Project Number: RI/2017/012  
Date: 05 October 2015  
Drawn by: Nick P. De la Cruz  
Engineer: Ahmed Zuhair Zaeem  
Services: Alkathir Ahmed  
Inspector: .....

Rev no	Date
..	.....
..	.....
..	.....



2ND-3RD FLOOR BEAM PLAN

SCALE 1:100

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)

Client: Ministry of Education

Rev no	Date
1	2017/02
2	2017/02
3	2017/02
4	2017/02
5	2017/02
6	2017/02
7	2017/02
8	2017/02
9	2017/02
10	2017/02
11	2017/02
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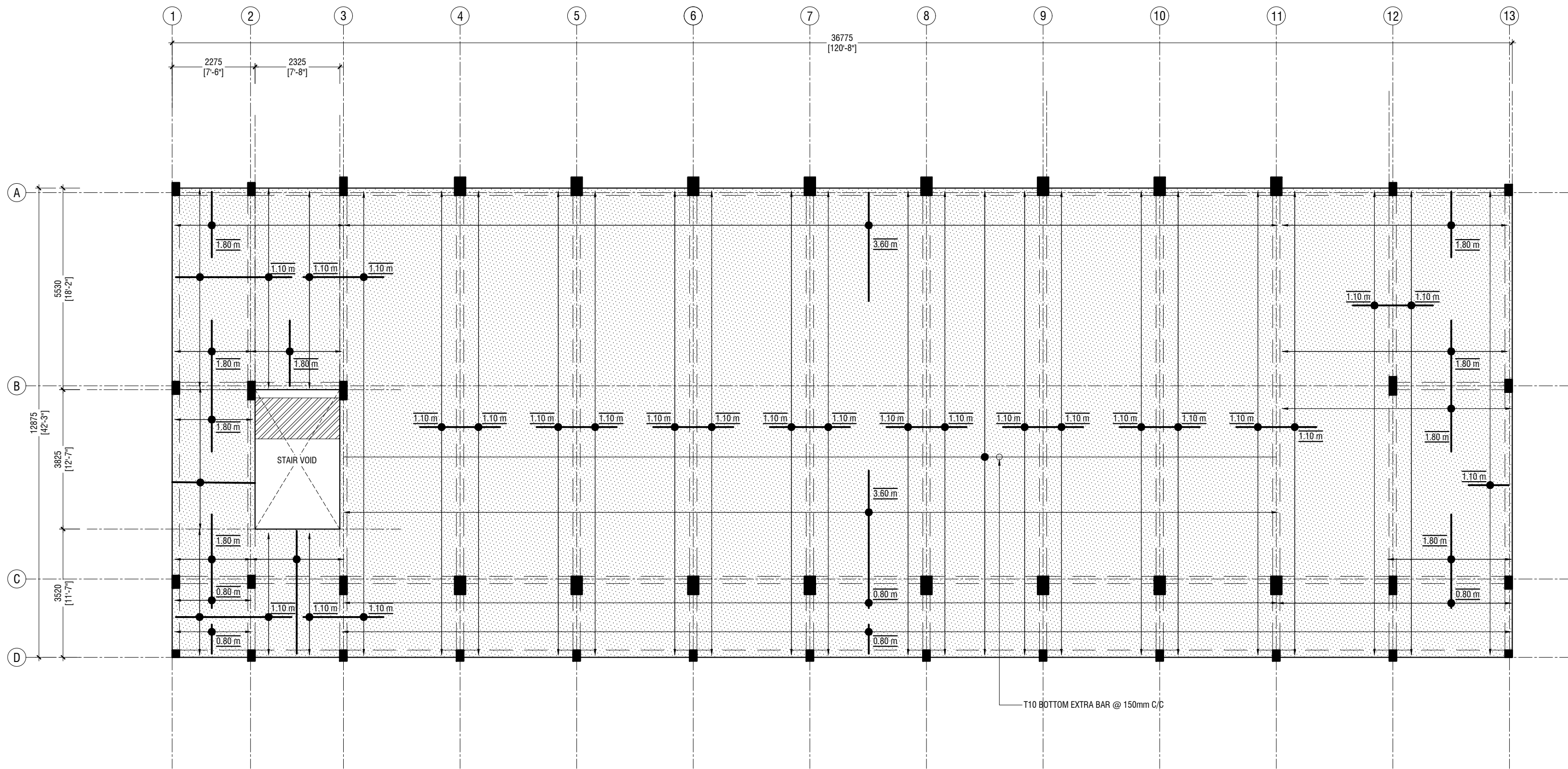


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3rd Floor, H. Azumi, Ameeremogga, Male'

Title: 2nd-3rd Floor  
Floor Beam Plan  
Page: S-06/13

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**2ND-3RD FLOOR SLAB REINFORCEMENT PLAN**

SCALE 1:100  
0 0.5 1 2 3 4 5

**NOTE**

SLAB THICKNESS - 160mm

HALF LANDING SLAB - 150mm WITH T12 @ 100mm T&B

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

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Project Number: RI/2017/012  
Date: 04 October 2015  
Drawn by: Nick P. De la Cruz  
Engineer: Ahmed Zuhail Zaeem  
Services: Alkhatib Ahmed  
Inspector: .

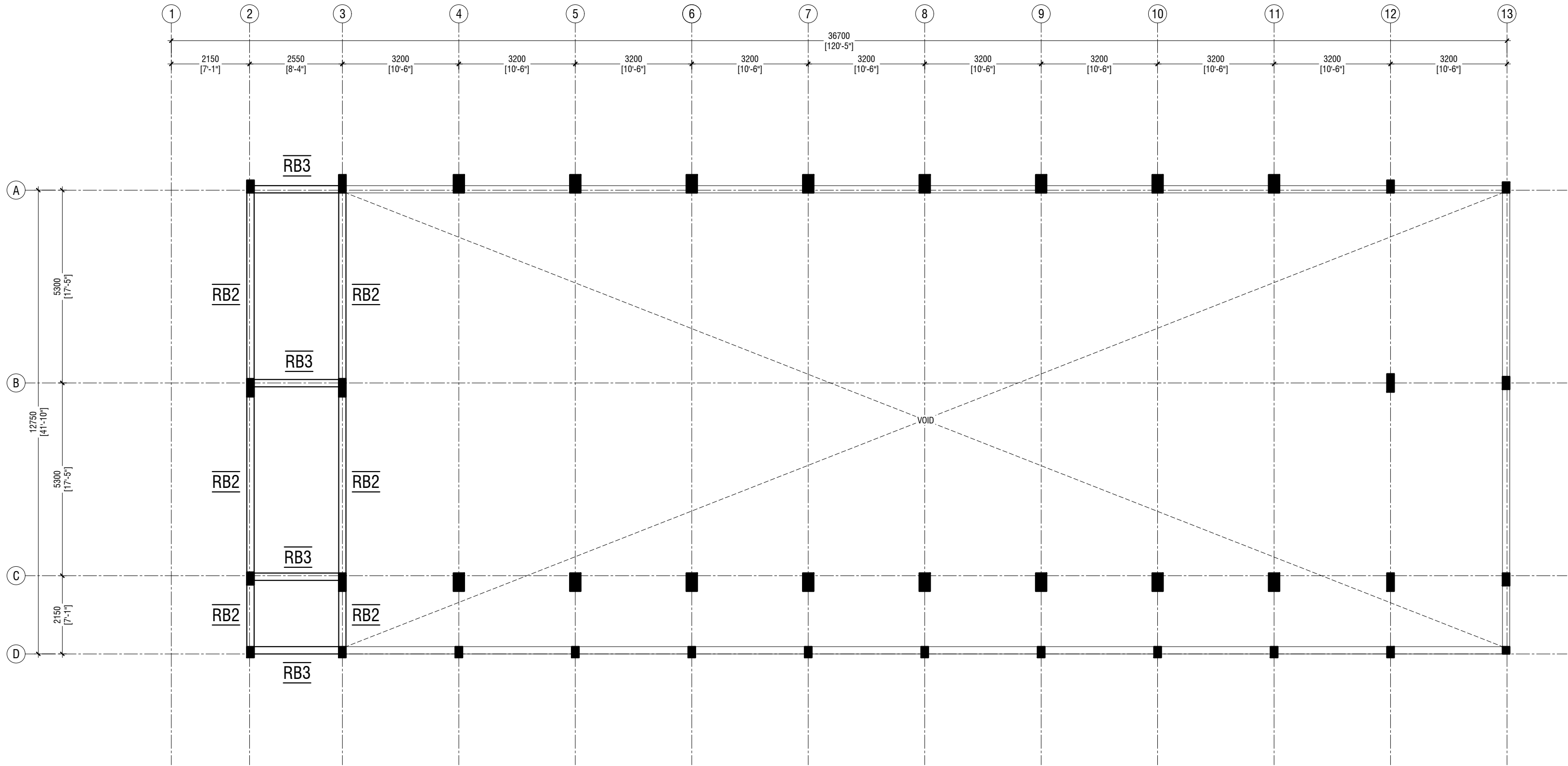
Rev no	Date
..	.....
..	.....
..	.....



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

Title: 2nd - 3rd Floor  
Slab Rein. Plan  
Page: S-07/13

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LEVEL 1 ROOF BEAM PLAN @13000mm FROM GFL

SCALE 1:100

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)

Client: Ministry of Education

Project Number: RI/2017/012

Date: 04 October 2015

Drawn by: Nick P. Della Cruz

Engineer: Ahmed Zuhair Zaeem

Services: Alkhatir Ahmed

Interior: .

Rev no	Date
..	.....
..	.....
..	.....

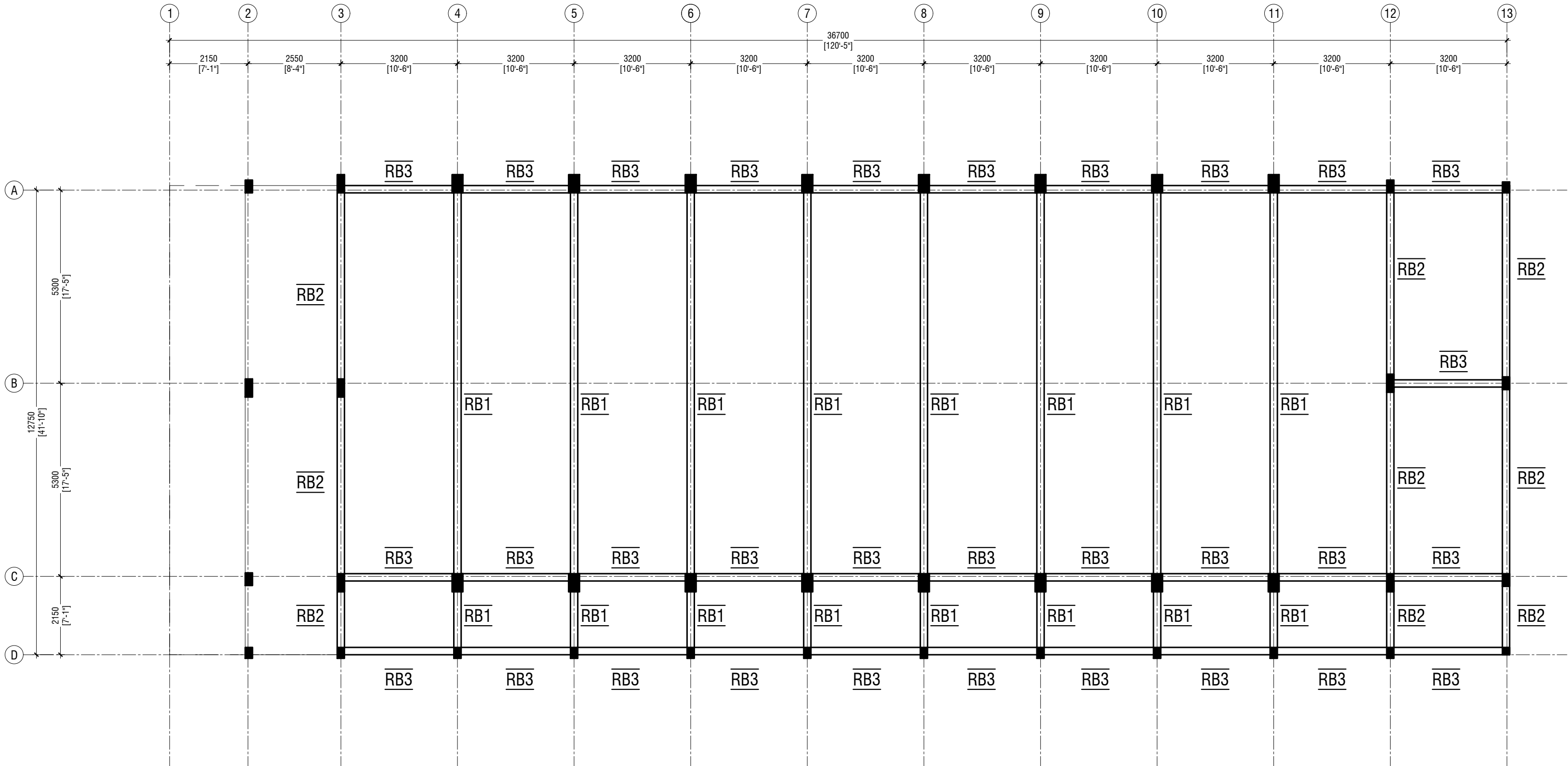


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e: info@ryan.com.mv  
w: www.ryan.com.mv  
3rd floor, H. Azumi, Ameeremogga, Male'

Title: Level 1 Roof  
Beam Plan

Page: S-08/13

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**LEVEL 2 ROOF BEAM PLAN @ 13900mm FROM GFL**  
SCALE 1:100

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)

Client: Ministry of Education

Rev no	Date
1	2015
2	2015
3	2015
4	2015
5	2015

Project Number: RI/2017/012  
Date: 2015  
Drawn by: Nick P. Della Cruz  
Engineer: Ahmed Zuhair Zaeem  
Services: Alhadi Ahmed  
Inspector: .

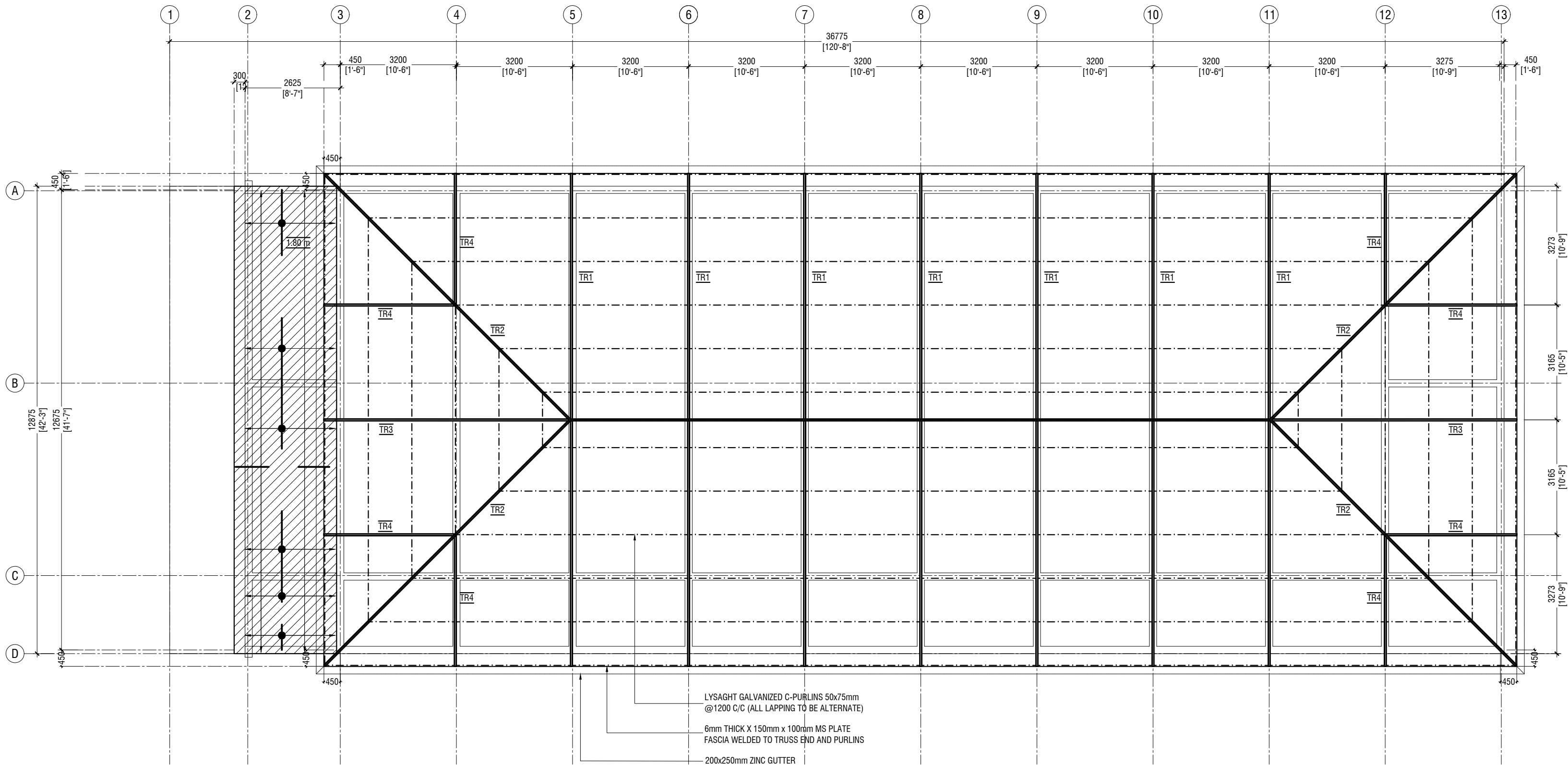


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3rd floor, H. Azumi, Ameeremogga, Male

Title: Level 2 Roof  
Beam Plan

Page: S-09/13

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**ROOF SLAB AND ROOF FRAMING PLAN**  
SCALE 1:100

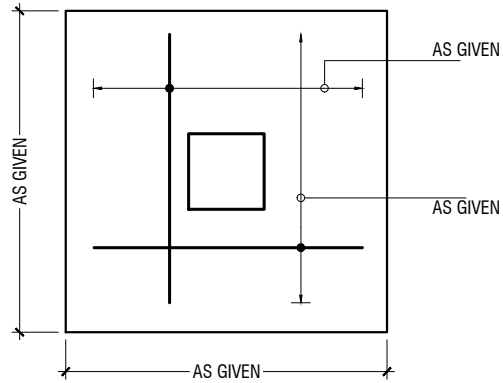
M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
1	2017/10/12
2	2017/10/12
3	2017/10/12
4	2017/10/12
5	2017/10/12
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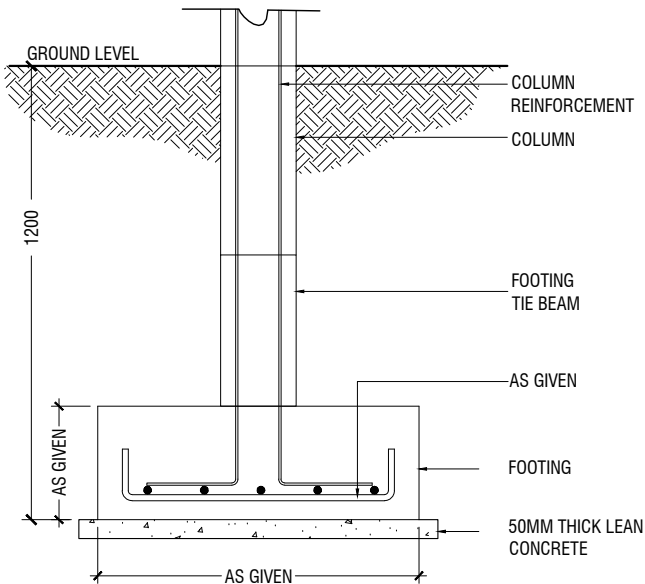


FOUNDATION PADS

	DIMENSION	REINFORCEMENT
F1	2700 x 2700 x 500	T16@150 C/C B/W (B) T12@200 C/C B/W (T)
F2	2500 x 2500 x 500	T16@150 C/C B/W (B) T12@200 C/C B/W (T)
F3	2200 x 2200 x 450	T12@125 C/C B/W (B)
F4	1800 x 1800 x 450	T12@150 C/C B/W (B)
F5	1450 x 1450 x 450	T12@150 C/C B/W (B)
F6	1200 x 1200 x 450	T12@150 C/C B/W (B)
F7	800 x 1000 x 300	T12@200 C/C B/W (B)



PLAN



SECTION

FOOTING DETAILS

STRUCTURAL DETAILS

SCALE 1:20



FOUNDATION DEPTH = 1200mm

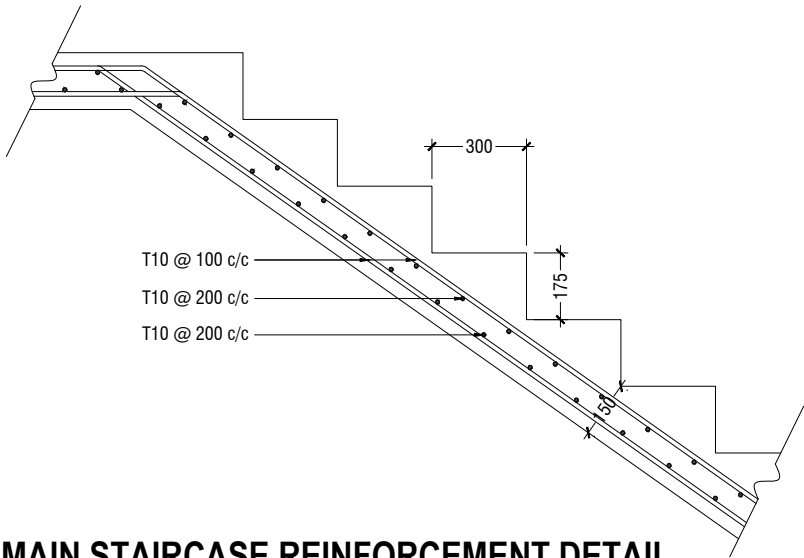
NOTE:-  
COVER TO FOUNDATION = 50mm  
COVER TO COLUMNS = 35-40mm  
COVER TO BEAMS = 35mm  
LAPS = Ø OF BAR x 45  
BEAMS @END SUPPORT = Ø OF BAR x 12

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

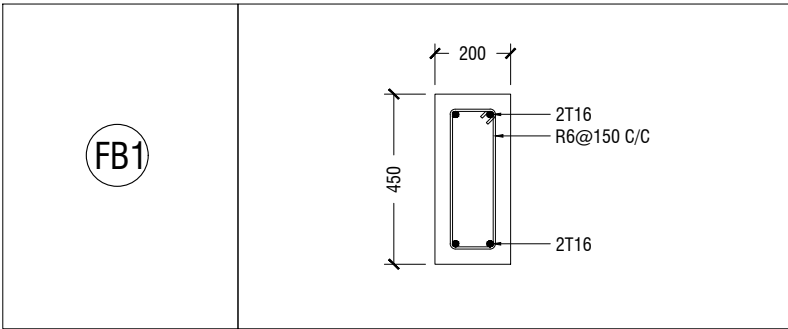
MIX RATIO = 1:2:3 ( CEMENT : SAND : AGGREGATE )

-150mm THK. SOLID MASONRY BLOCK WALL

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



MAIN STAIRCASE REINFORCEMENT DETAIL



TIE BEAM DETAILS

C1	
C2	
C3	
C4	
C5	
SC	

COLUMN DETAILS

M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Project Number: RI/2017/012	Rev no	Date
Date: October 2019	-	-
Architect: Razana Amir	-	-
Engineer: Ahmed Zuhair Zaeem	-	-
Drawn by: Nick P. Della Cruz	-	-
Services: Aishath Ahmed	-	-
Interior: -	-	-



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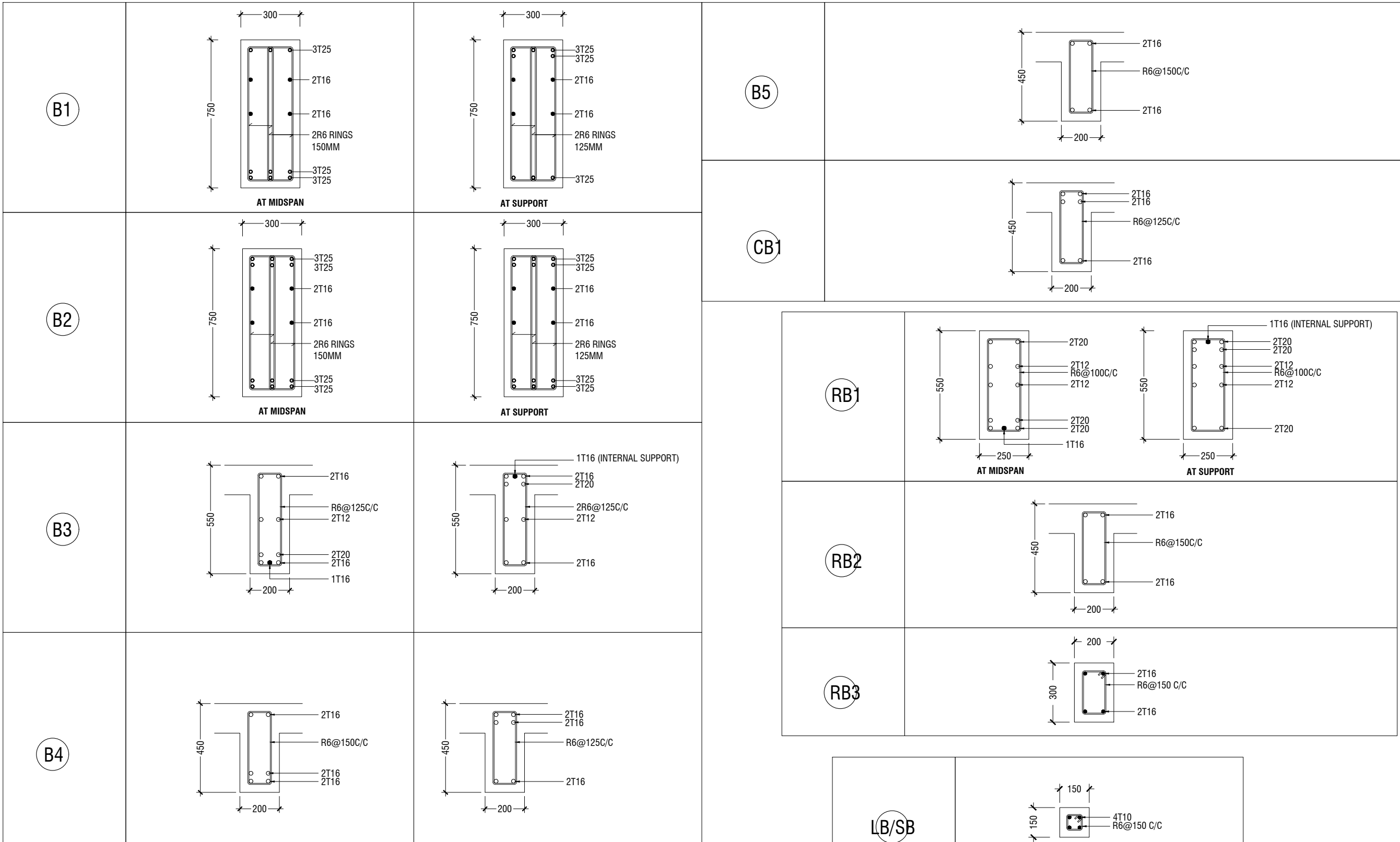
t: +9603315049 f: +9603310776  
e: info@riyan.com.mv  
w: www.riyan.com.mv  
3rd floor, H. Azum, Aneeneemagu, Male'

Title: Structural Details

Page: S-12/13

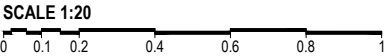
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BEAM DETAILS

STRUCTURAL DETAILS



M. Kolhufushi School Hall & 08 Classroom ( 04 Storey)  
Client: Ministry of Education

Rev no	Date
1	2019/10/01
2	2019/10/01
3	2019/10/01
4	2019/10/01

Project Number: RI/2017/012  
Date: October 2019  
Architect: Razana Amir  
Engineer: Ahmed Zuhair Zaeem  
Drawn by: Nick P. Della Cruz  
Services: Aishath Ahmed  
Interior: -



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

Title: Structural Details