

Proposed 16 Classroom Block at
A.Dh.AEC, Mahibadhoo School
(04 Storey)
Client: Ministry of Education

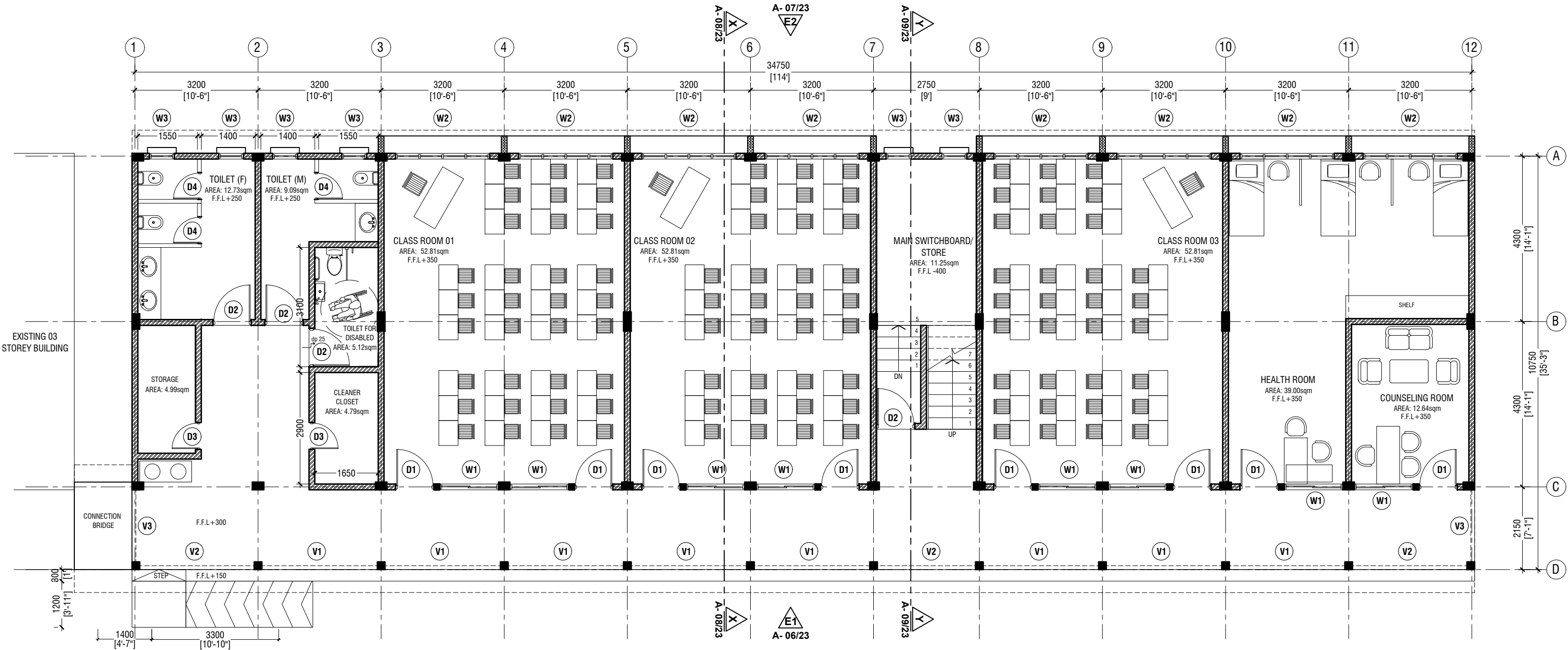


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3rd floor, H. Azum, Ammeenmagu, Male'

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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 150mm THICK RC WALL TO BE WATER PROOFED WITH WATER PROOFING AGENT



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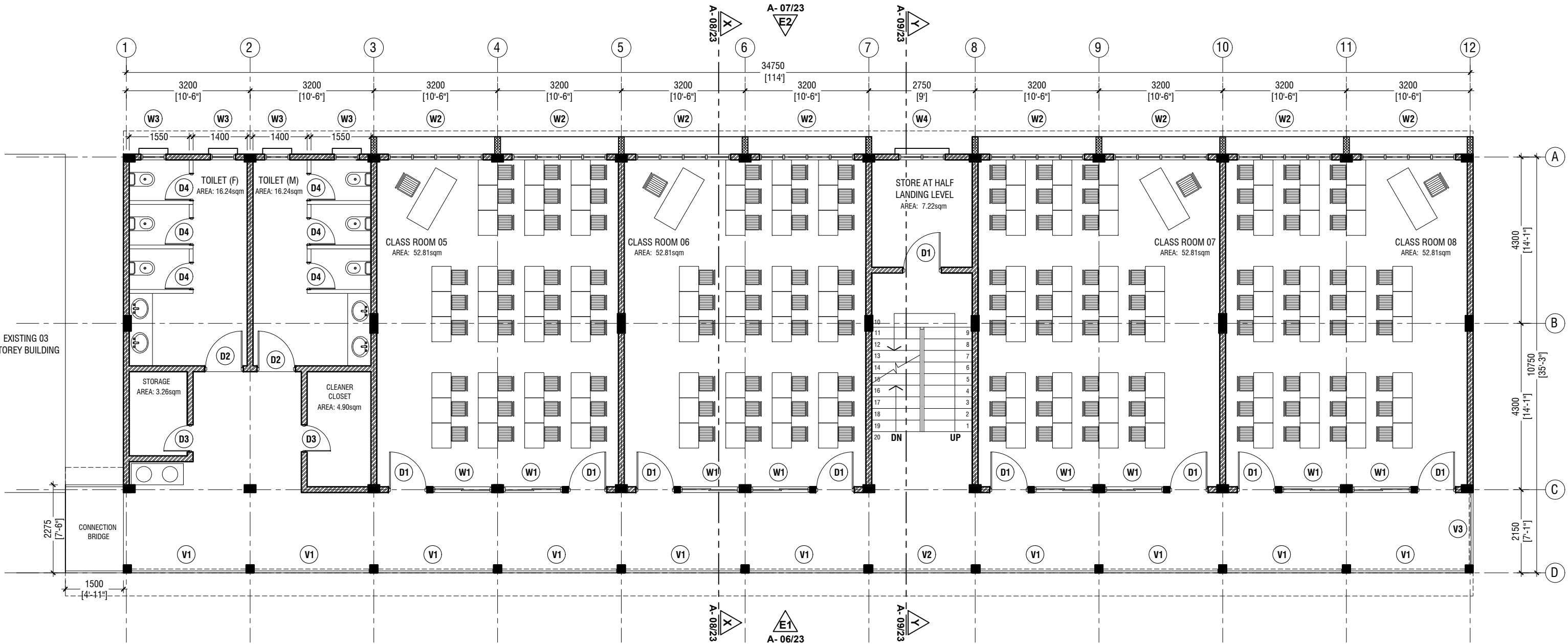
A.Dh.AEC, Mahibadhoo School - 16 Classroom (04 Storey)
Client: Ministry of Education

Project Number: RI/2017/012
Date: May 2019
Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
Drawn by : Aishath Mohamed Rasheed
Services : Aishath Ahmed
Interior : -

Rev no	Date
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Title: Ground Floor Plan

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FIRST - SECOND FLOOR PLAN

SCALE 1:100



NOTE:

- PROPOSED 150mm THICK SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH
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Services : Aishath Ahmed

Interior : -

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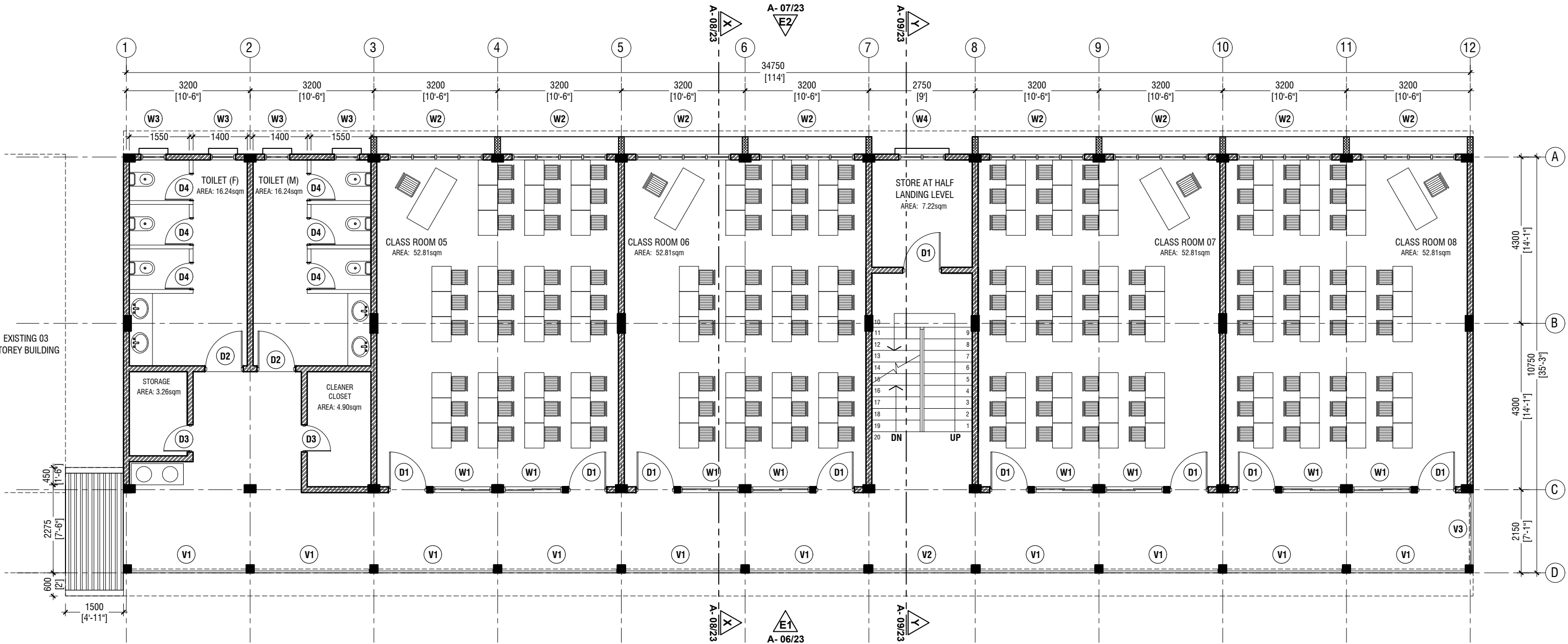
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Title: First - Second Floor Plan

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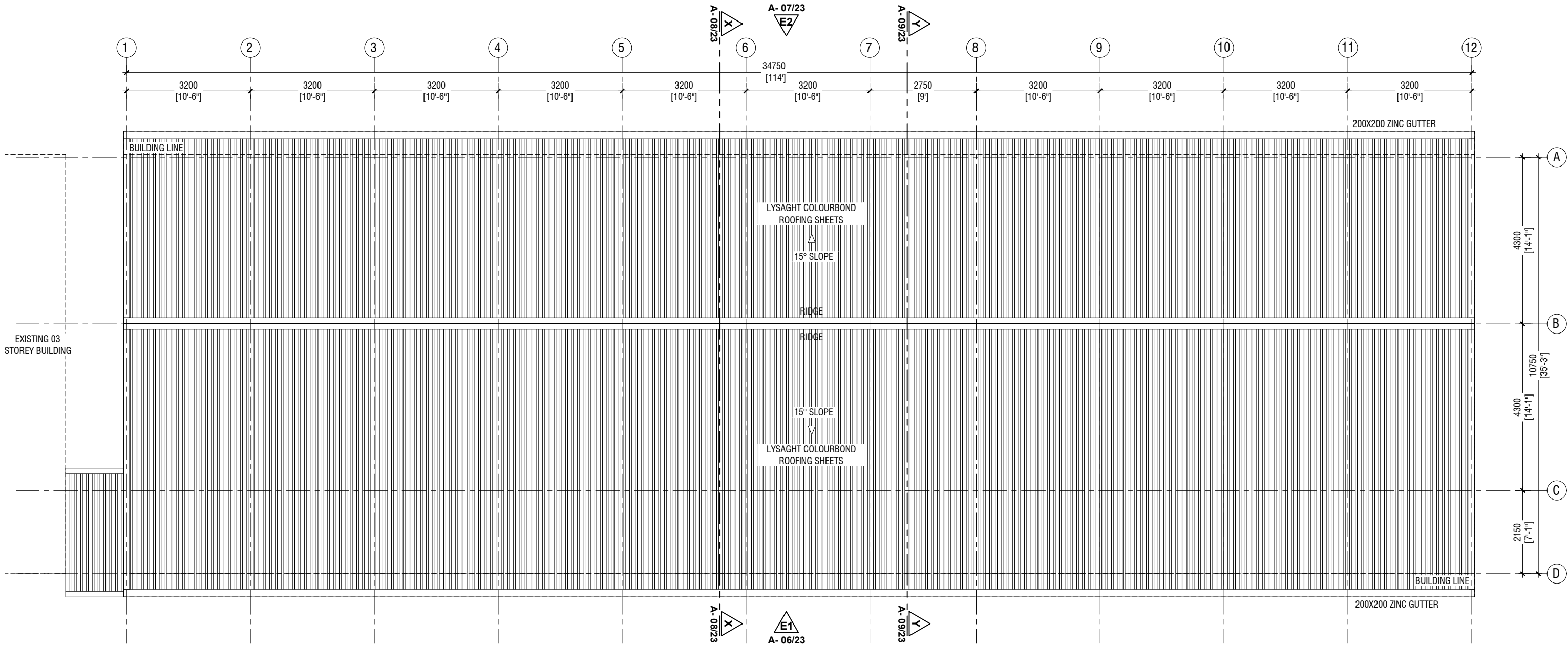


THIRD FLOOR PLAN
SCALE 1:100

NOTE:

PROPOSED 150mm THICK SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH

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ROOF PLAN

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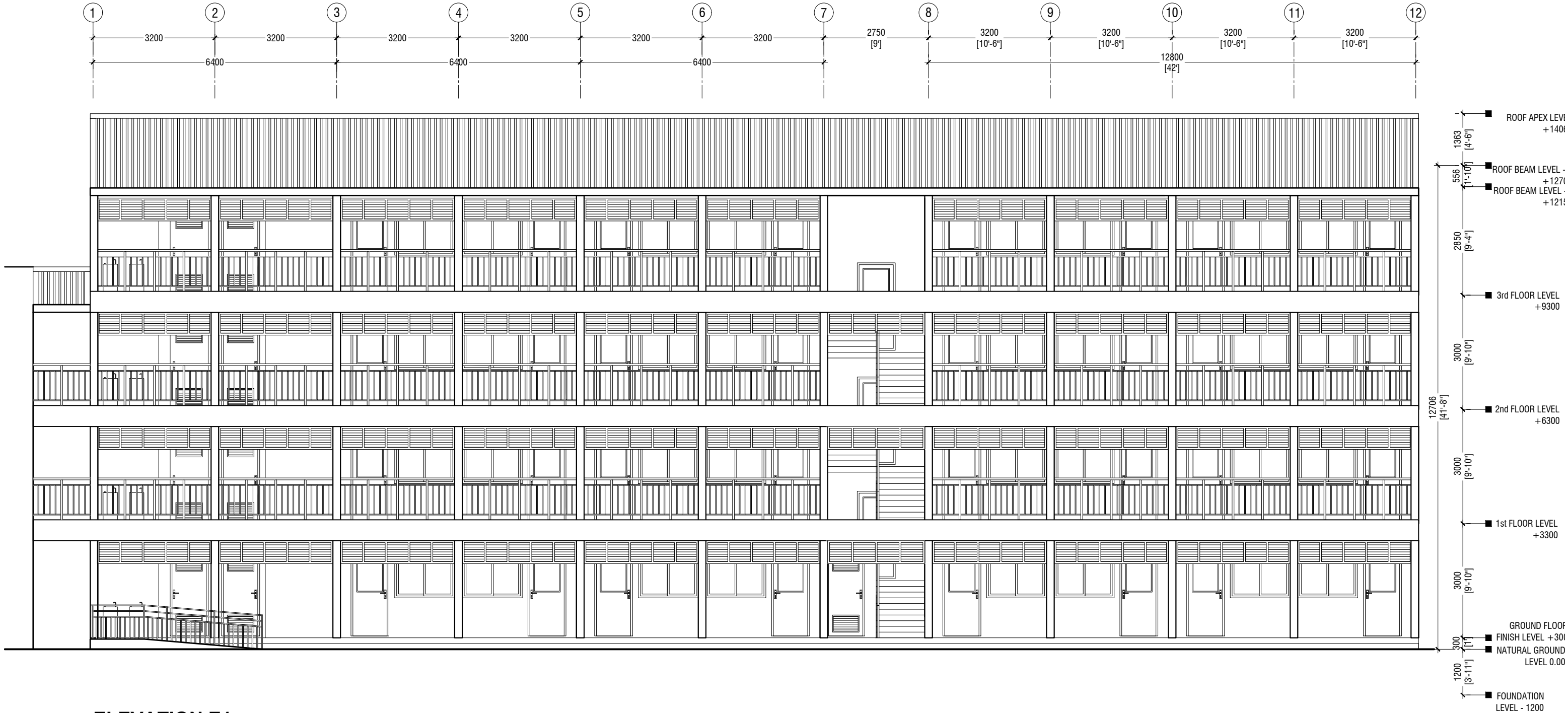
Services : Aishath Ahmed

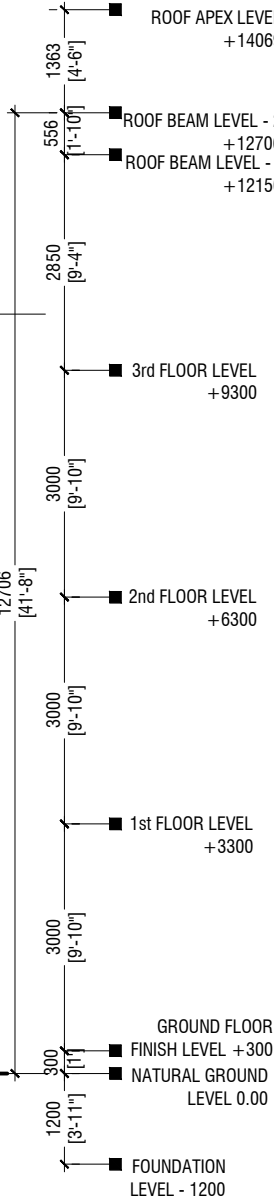
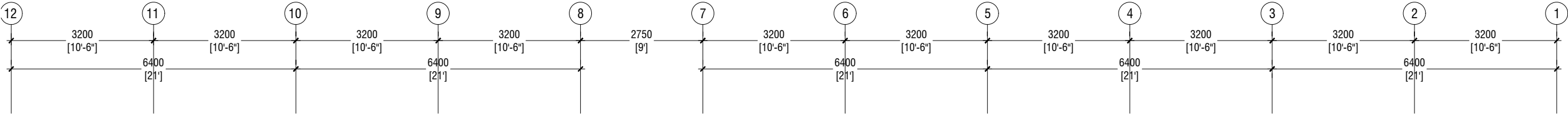
Interior : -

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ELEVATION E2

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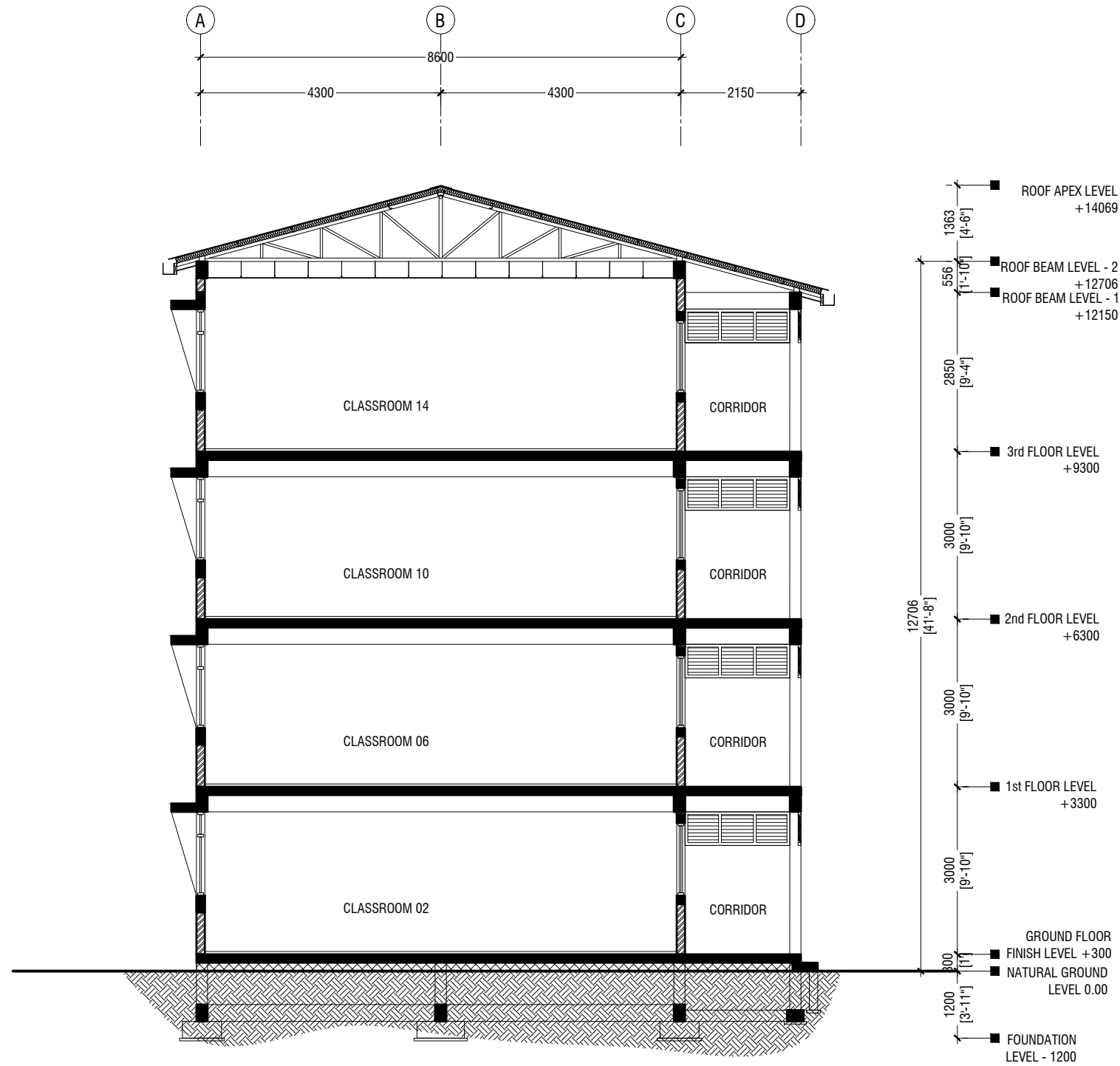
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Title: Elevation E2

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SECTION X-X
SCALE 1:100



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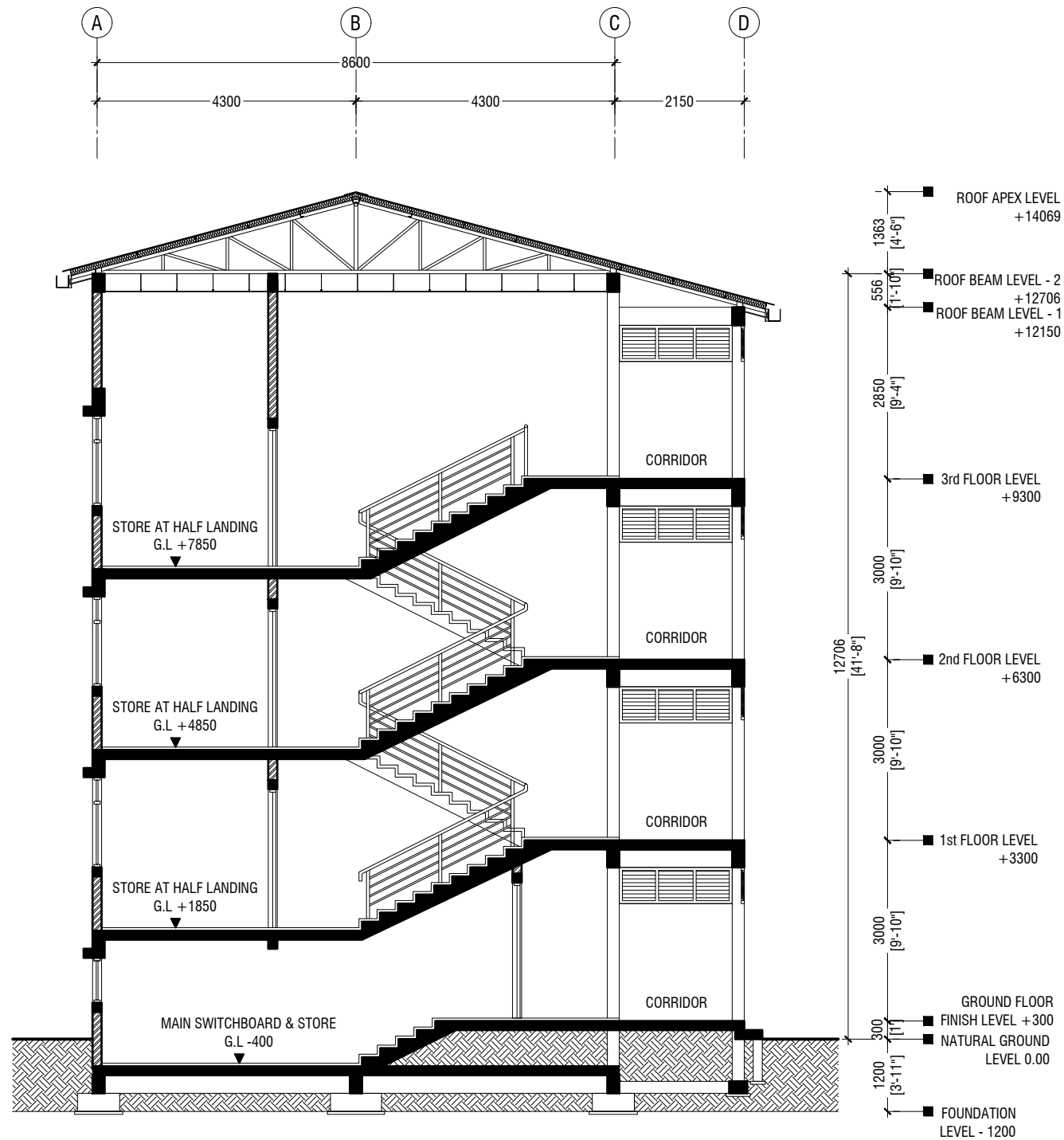
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SECTION Y-Y

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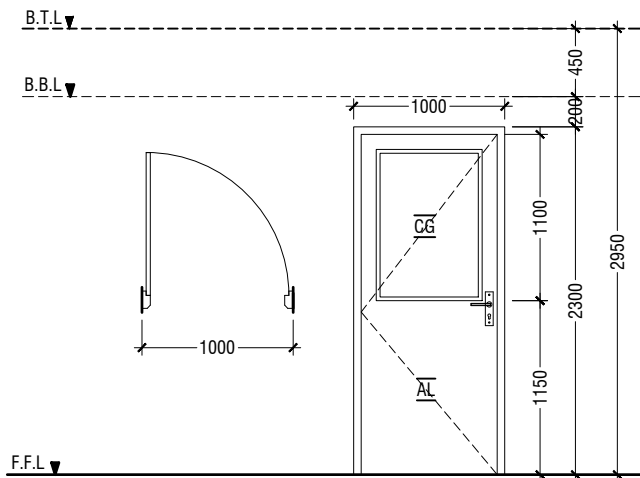
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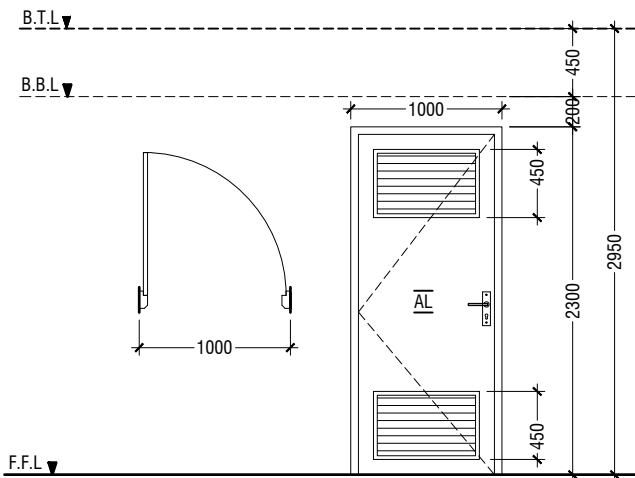
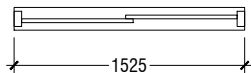
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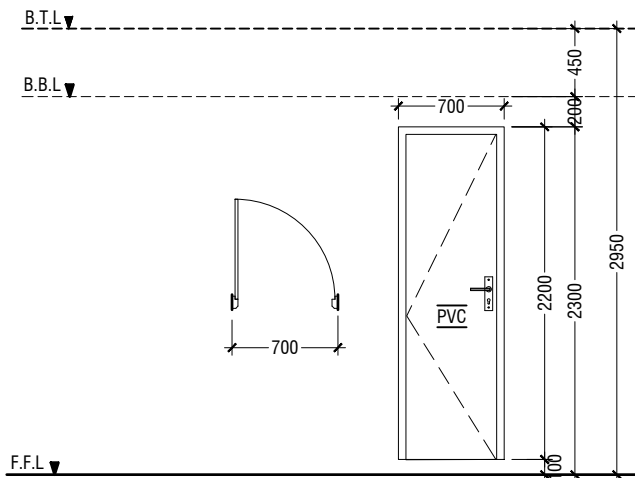
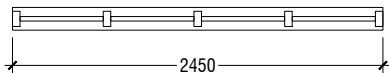
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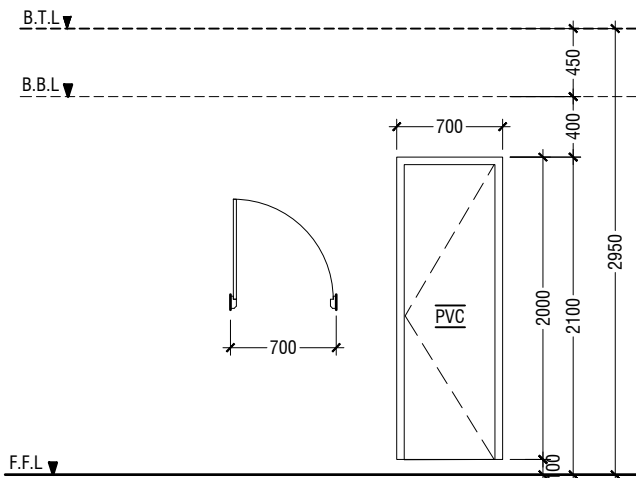
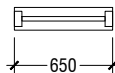
D1	SWING DOOR
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND 6mm THICK CLEAR GLASS
LOCATION	CLASSROOMS, HEALTH ROOM & HALF LANDING STORE ROOM
QUANTITY	35 NOS
OPEN AREA	2.03 sqm



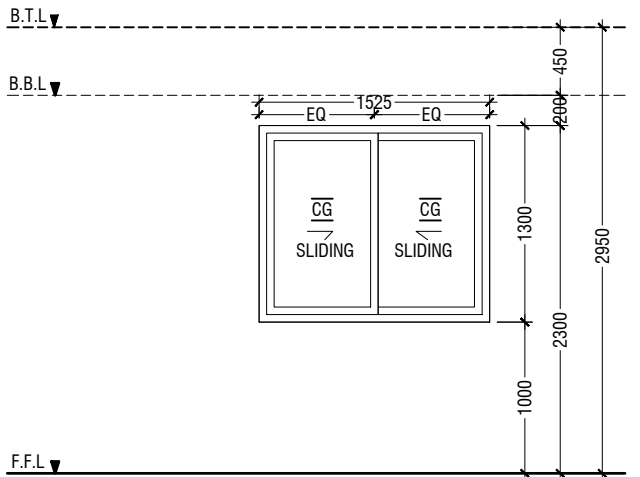
D2	SWING DOOR WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND ALUMINUM LOUVERS
LOCATION	TOILETS & MAIN SWITCH BOARD STORE
QUANTITY	10 NOS
OPEN AREA	2.03 sqm



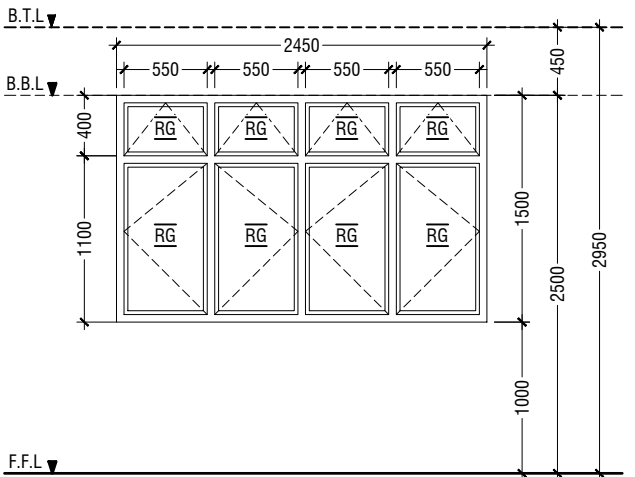
D3	PVC SWING DOOR
REMARKS	PVC WHITE FRAME AND PANEL
LOCATION	STORE & CLEANER CLOSET
QUANTITY	08 NOS
OPEN AREA	1.29 SQM



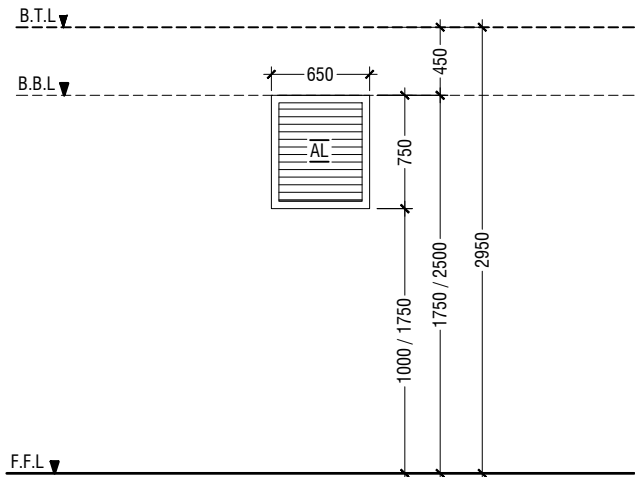
D4	PVC SWING DOOR
REMARKS	PVC WHITE FRAME AND PANEL
LOCATION	TOILETS STALLS
QUANTITY	21 NOS
OPEN AREA	1.17 SQM



W1	SLIDING WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND 6mm THICK CLEAR GLASS
LOCATION	CLASSROOMS & HEALTH ROOM
QUANTITY	32 NOS
OPEN AREA	0.83 sqm



W2	SWING WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	CLASSROOMS & HEALTH ROOM
QUANTITY	32 NOS
OPEN AREA	2.97 sqm



W3	WINDOW WITH ALUMINUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM LOUVERS
LOCATION	TOILETS & MAIN SWITCH BOARD STORE
QUANTITY	18 NOS
OPEN AREA	0.36 SQM

LEGEND:
CG - CLEAR 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



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Services : Aishath Ahmed

Interior : -

Rev no

Date

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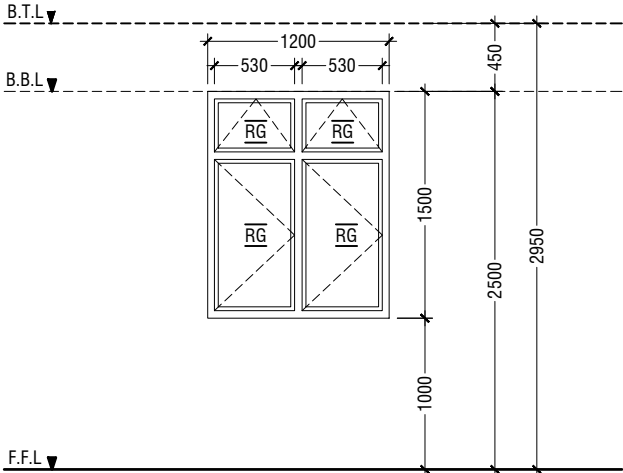
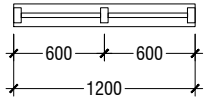
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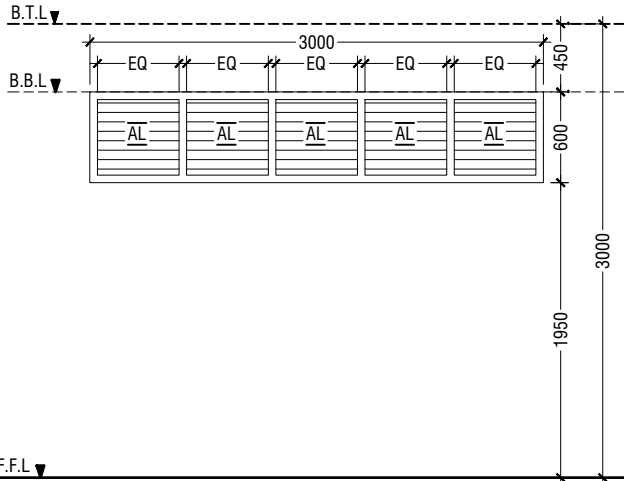
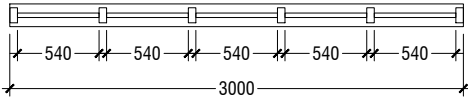
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Title: Door & Window
Schedule - 1

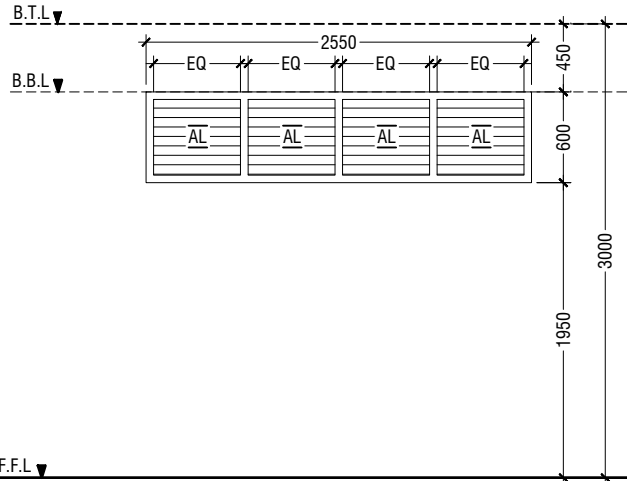
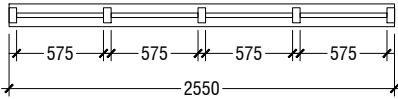
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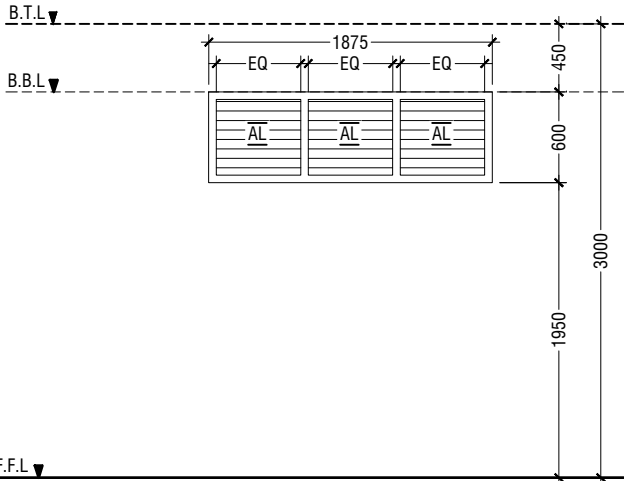
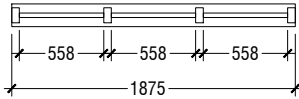
W4	SWING WINDOW
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH 6mm THICK REFLECTIVE GLASS
LOCATION	HALF LANDING STORE ROOM
QUANTITY	3 NOS
OPEN AREA	1.43 sqm



V1	SUNSHADING
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINUM LOUVERS
LOCATION	CORRIDOR
QUANTITY	39 NOS
OPEN AREA	1.35 SQM



V2	SUNSHADING
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINUM LOUVERS
LOCATION	CORRIDOR
QUANTITY	06 NOS
OPEN AREA	1.15 SQM

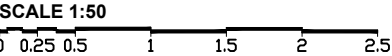


V3	SUNSHADING
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINUM LOUVERS
LOCATION	CORRIDOR
QUANTITY	05 NOS
OPEN AREA	0.84 SQM

LEGEND:
CG - CLEAR GLASS
RG - REFLECTED GLASS
AL - ALUMINIUM
PVC - POLYVINYL CHLORIDE

NOTE:-
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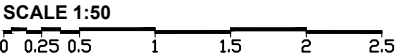
DOOR & WINDOW SCHEDULE 2

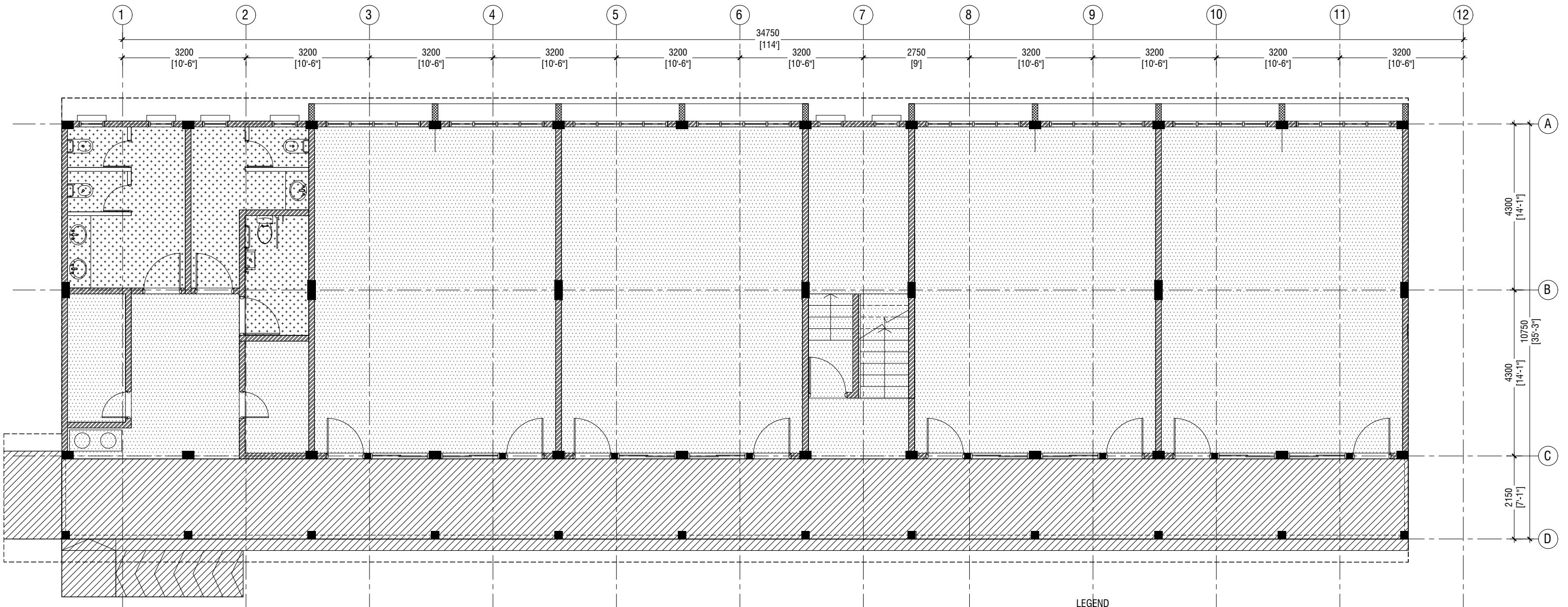


SCHEDULE OF VENTILATION FOR ADH. AEC

Room name/ Number	Room Areas (sqm) (Specify centre to centre or clear)	Window (opening) number	Required opening areas (sqm)	Designed opening areas (sqm)	Open %
<u>Ground Floor</u>					
1 Classroom 1	52.81	2W1, 2W2 & 2D1	5.28	11.66	22.08%
2 Classroom 2	52.81	2W1, 2W2 & 2D1	5.28	11.66	22.08%
3 Classroom 3	52.81	2W1, 2W2 & 2D1	5.28	11.66	22.08%
4 Healthroom	39.00	W1, 2W2 & D1	3.90	8.80	22.56%
5 Counseling Room	12.64	W1, & D1	1.26	2.86	22.63%
6 Toilet (F)	12.73	D2 & 2W3	1.27	2.75	21.60%
7 Toilet (M)	9.09	D2 & 2W3	0.91	2.75	30.25%
8 Toilet for disabled	5.12	D2	0.51	2.03	39.65%
9 Storage	4.99	D3	0.50	1.29	25.85%
10 Cleaner closet	4.79	D3	0.48	1.29	26.93%
11 Main switchboard /store	11.25	Mechanical Ventilation			
<u>First to Third Floor</u>					
1 Classroom 5	52.81	2W1, 2W2 & 2D1	5.28	11.66	22.08%
2 Classroom 6	52.81	2W1, 2W2 & 2D1	5.28	11.66	22.08%
3 Classroom 7	52.81	2W1, 2W2 & 2D1	5.28	11.66	22.08%
4 Classroom 8	52.81	2W1, 2W2 & 2D1	5.28	11.66	22.08%
5 Toilet (F)	16.24	D2 & 2W3	1.62	2.75	16.93%
6 Toilet (M)	16.24	D2 & 2W3	1.62	2.75	16.93%
7 Storage area	3.26	D3	0.33	1.29	39.57%
8 Store at half landing level	7.22	W4	0.72	1.43	19.81%
9 Cleaner closet	4.90	D3	0.49	1.29	26.33%

VENTILATION SCHEDULE

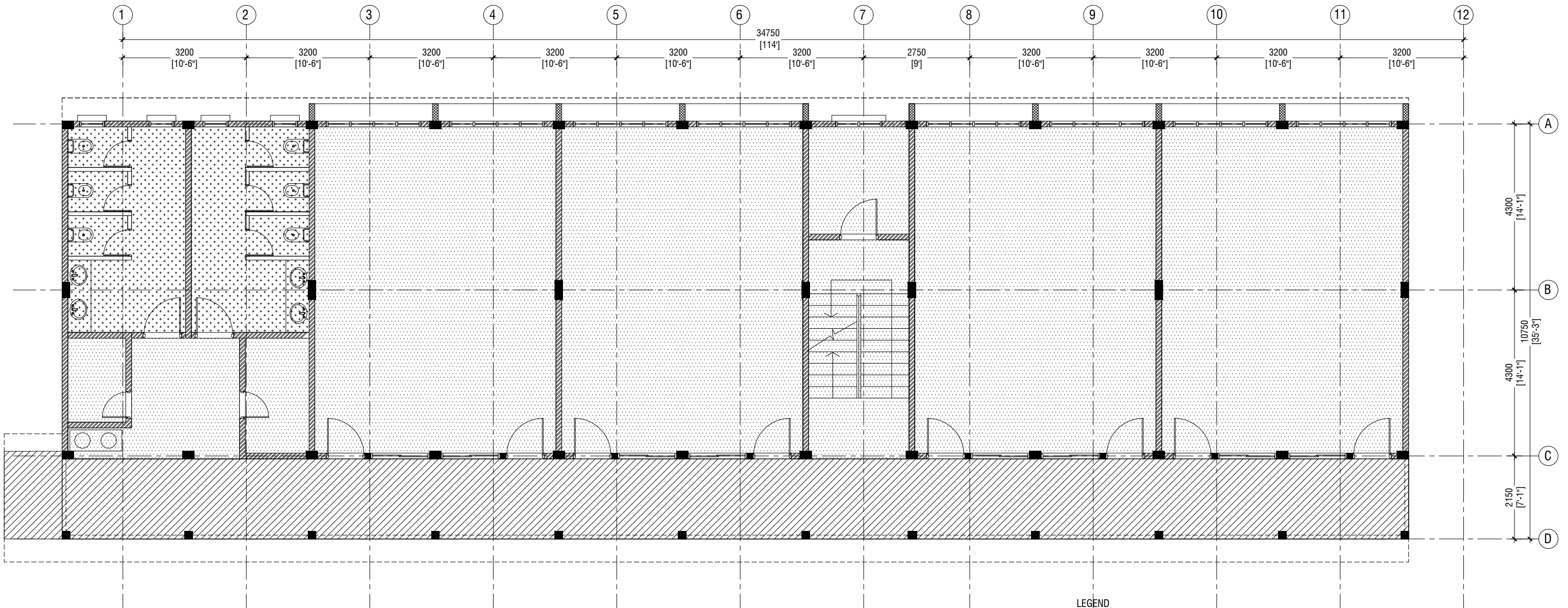




**GROUND FLOOR
FLOOR FINISHES PLAN**

SCALE 1:100
0 0.5 1 2 3 4 5

CODE	DESCRIPTION
	600X600mm HOMOGENOUS NON-SLIP TILES OVER 50mm SCREEDING
	SELF LEVELLING CEMENT FLOOR SCREED WITH EPOXY FLOOR PAINT
	300X300mm HOMOGENOUS NON-SLIP TILES OVER 50mm SCREEDING



FIRST - SECOND FLOOR FLOOR FINISHES PLAN

SCALE 1:100

0 0.5 1 2 3 4 5

LEGEND

CODE	DESCRIPTION
	600X600mm HOMOGENOUS NON-SLIP TILES OVER 50mm SCREEDING
	SELF LEVELLING CEMENT FLOOR SCREED WITH EPOXY FLOOR PAINT
	300X300mm HOMOGENOUS NON-SLIP TILES OVER 50mm SCREEDING



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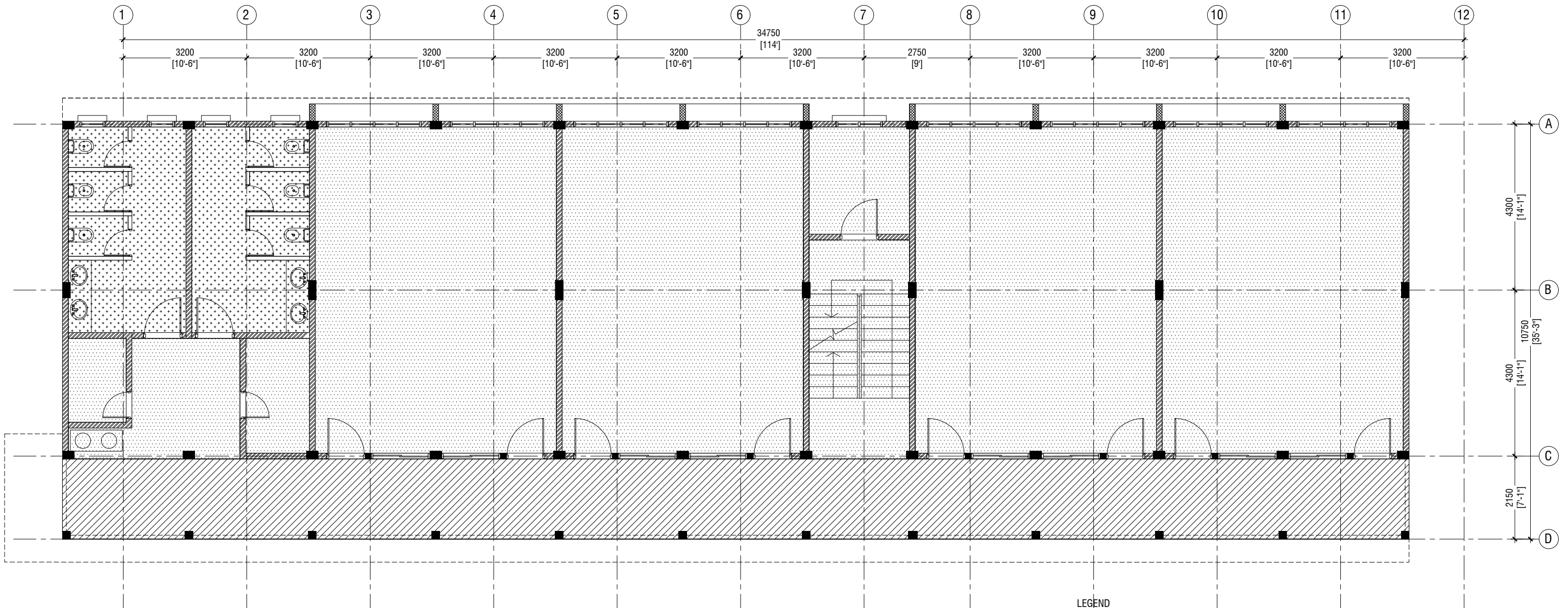
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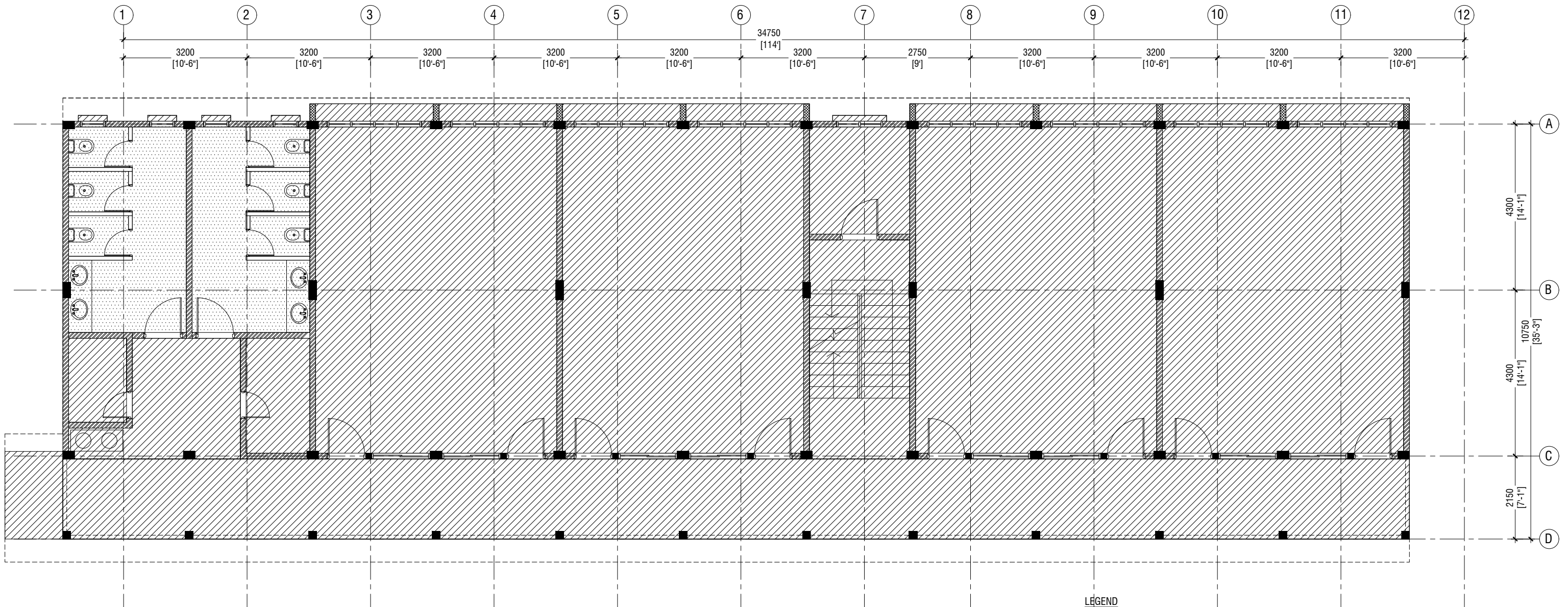
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Floor Finishes Plan
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**THIRD FLOOR
FLOOR FINISHES PLAN**

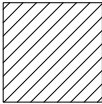
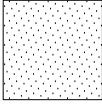
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LEGEND	
CODE	DESCRIPTION
	600X600mm HOMOGENOUS NON-SLIP TILES OVER 50mm SCREEDING
	SELF LEVELLING CEMENT FLOOR SCREED WITH EPOXY FLOOR PAINT
	300X300mm HOMOGENOUS NON-SLIP TILES OVER 50mm SCREEDING



**FIRST - SECOND FLOOR
REFLECTED CEILING PLAN**
SCALE 1:100

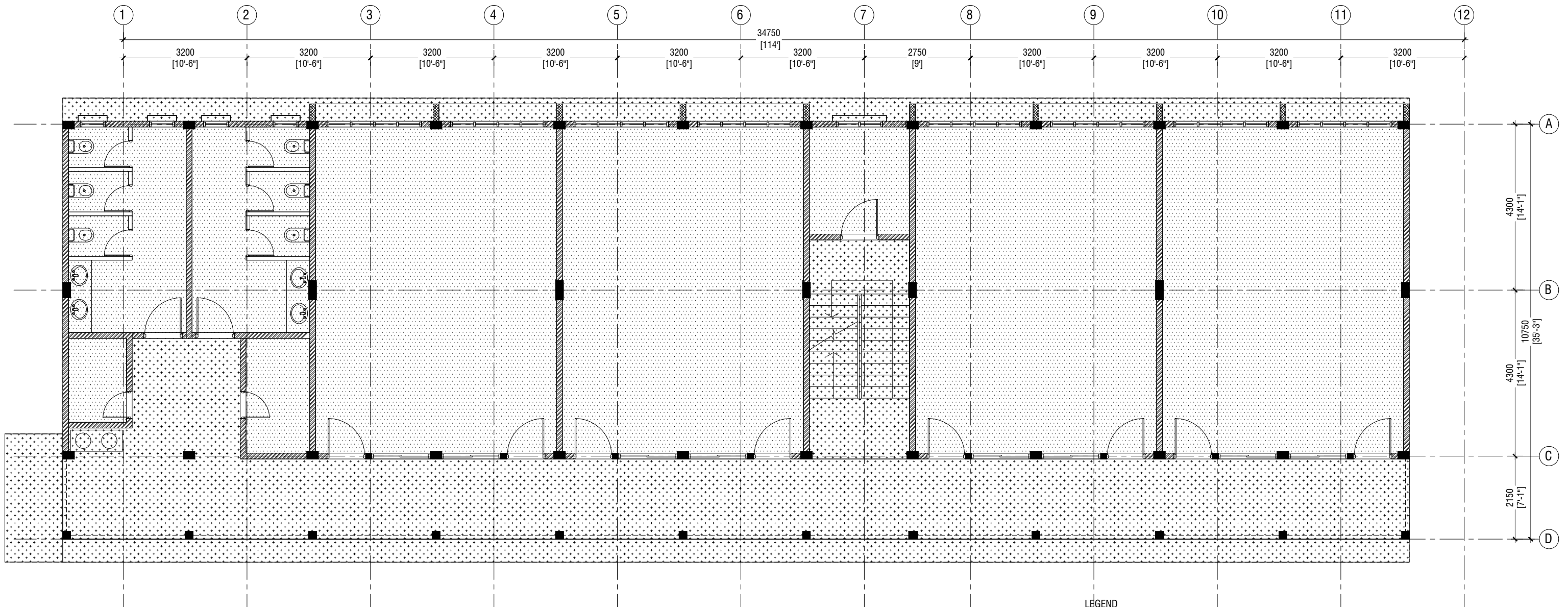
LEGEND

CODE	DESCRIPTION
	EXPOSED SLAB SOFFIT TO BE GROUND SMOOTH IN SELECT PAINT FINISH
	CEMENT BOARD CELING



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Client: Ministry of Education
Project Number: RI/2017/012
Date: May 2019
Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
Drawn by : Aishath Mohamed Rasheed
Services : Aishath Ahmed
Interior : -
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Title: First - Second Floor
Reflected Ceiling Plan
Page: A-17/23



**THIRD FLOOR
REFLECTED CEILING PLAN**

SCALE 1:100



LEGEND

CODE	DESCRIPTION
	CEMENT BOARD CELING
	FIXED CEILING 'BORAL' OR EQUIVALENT PLASTERBOARD CEILING SYSTEM WITH TIMBER FRAMES, APPLIED WITH GROUND SMOOTH FINISH IN SELECTED PAINT



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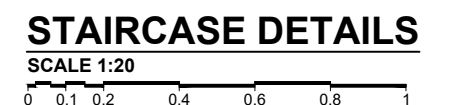
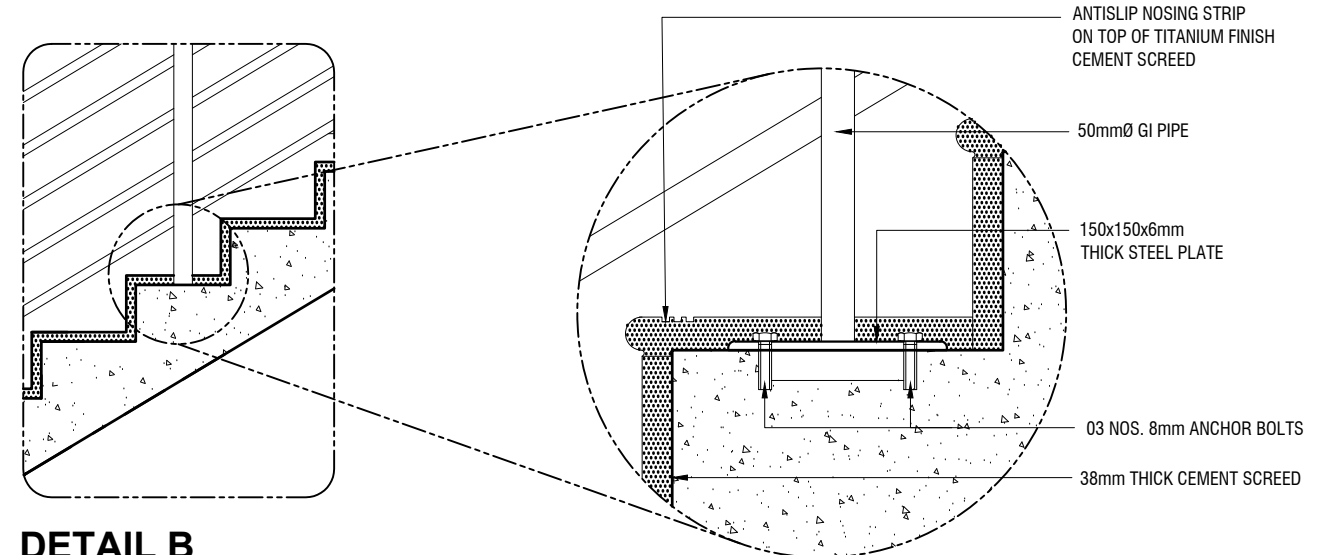
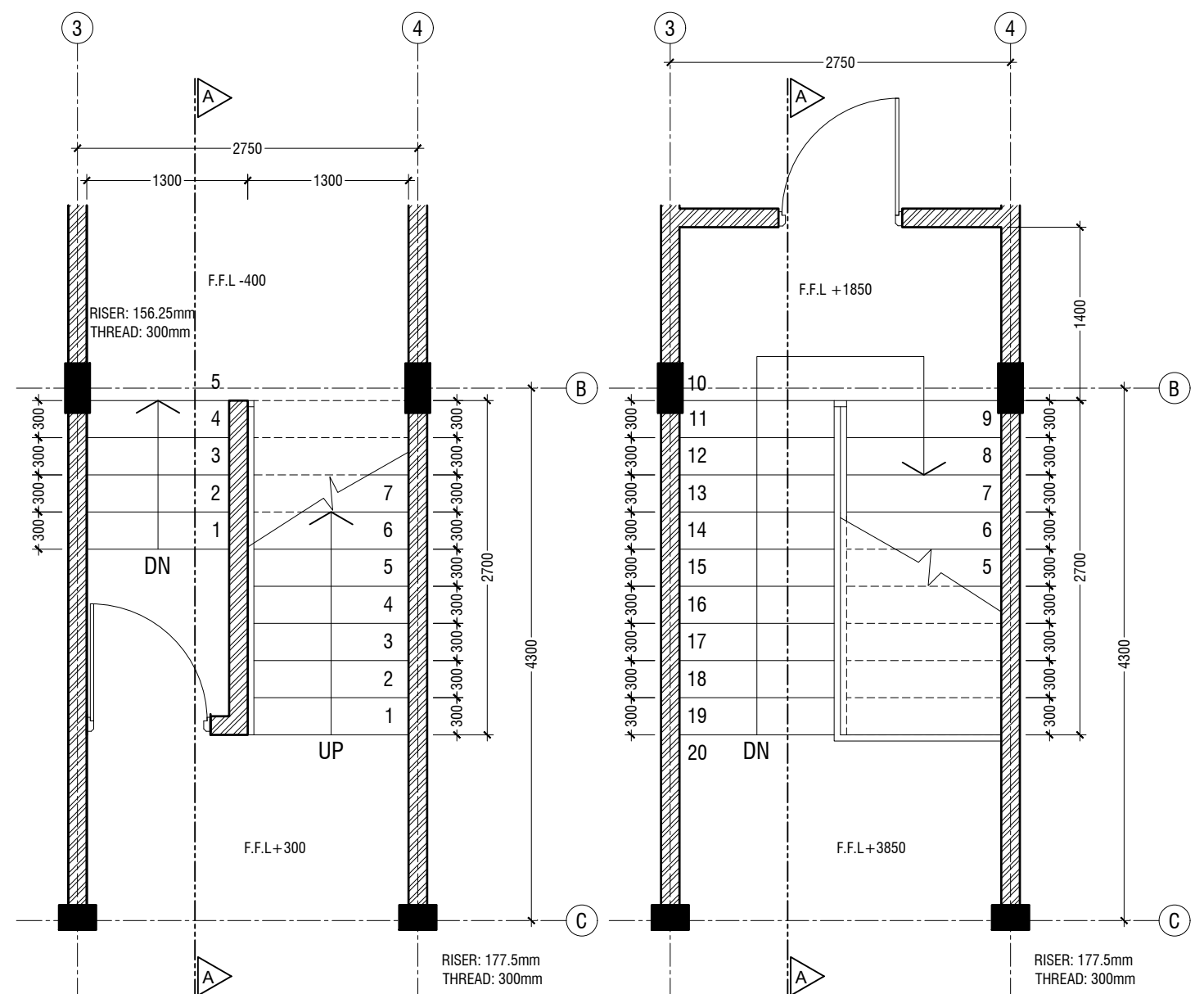
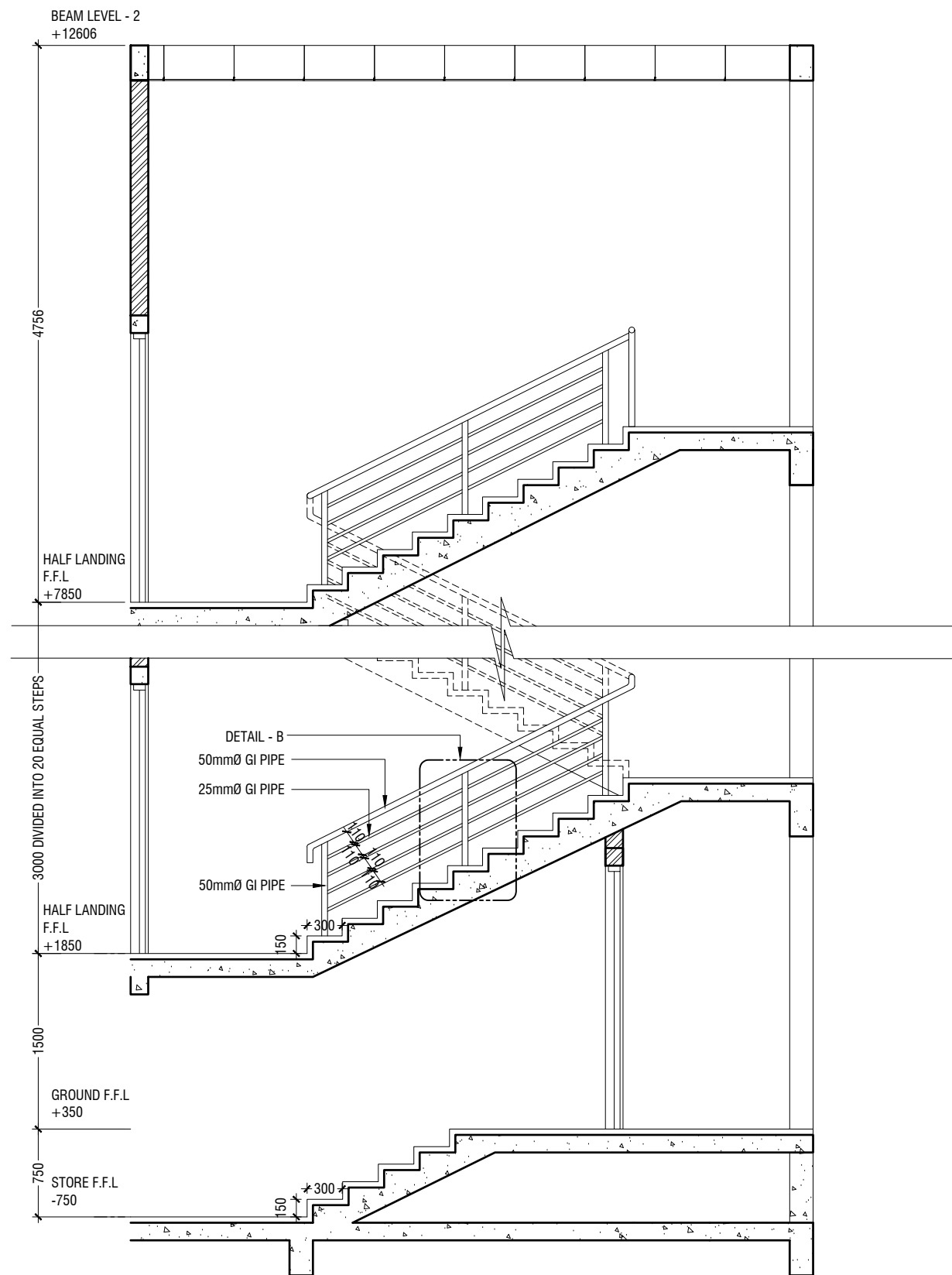
A.Dh.AEC, Mahibadhoo School - 16 Classroom (04 Storey)
Client: Ministry of Education

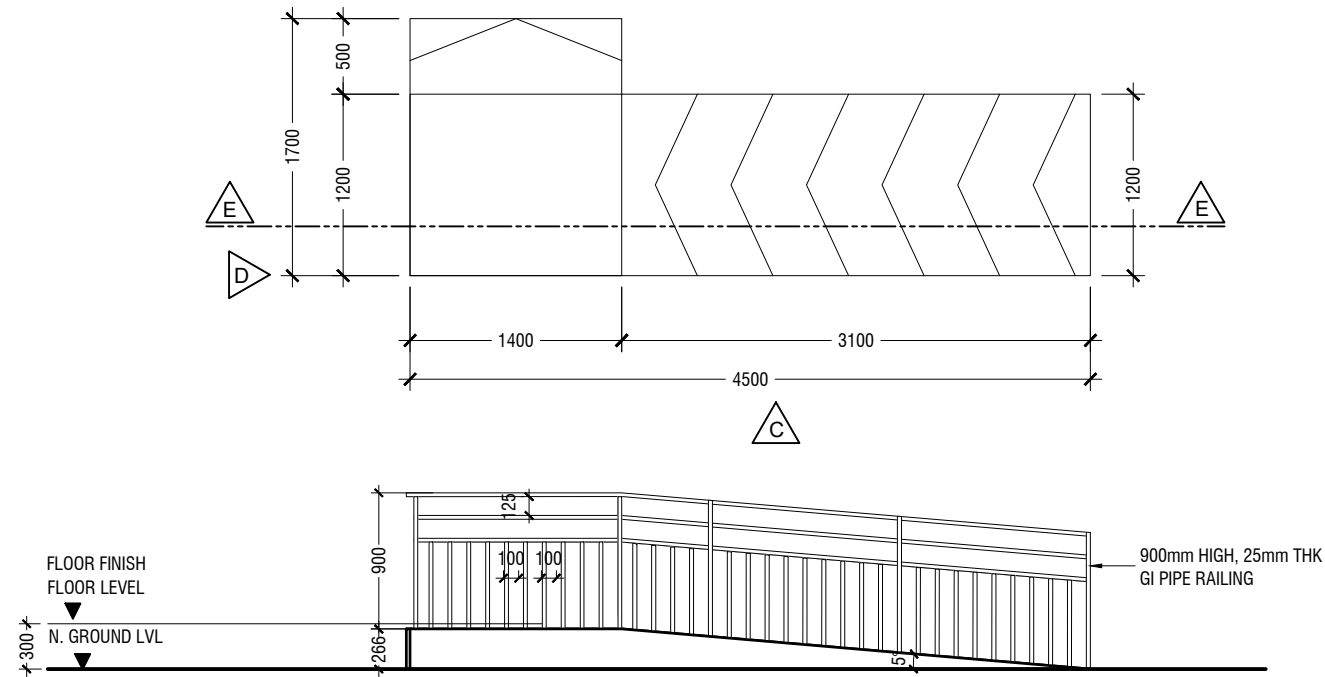
Project Number: RI/2017/012
Date: May 2019
Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
Drawn by : Aishath Mohamed Rasheed
Services : Aishath Ahmed
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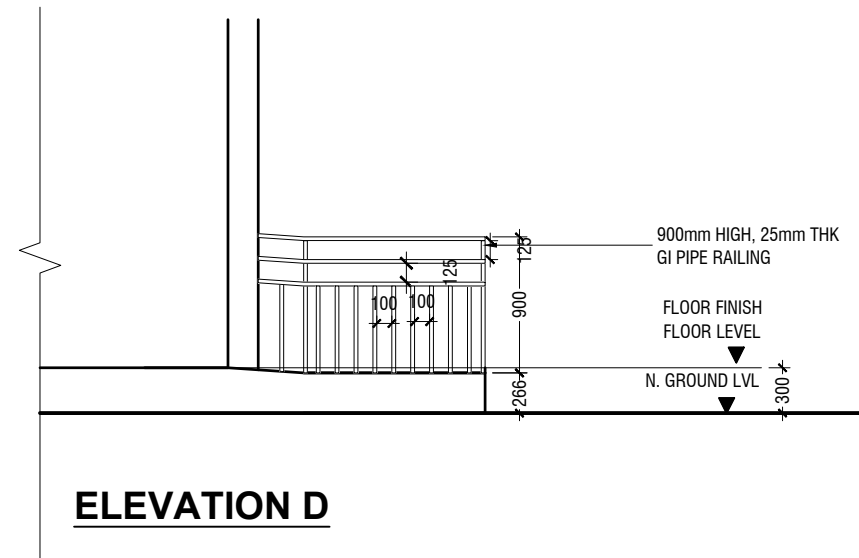
Title: Third Floor
Reflected Ceiling Plan

Page: A-18/23

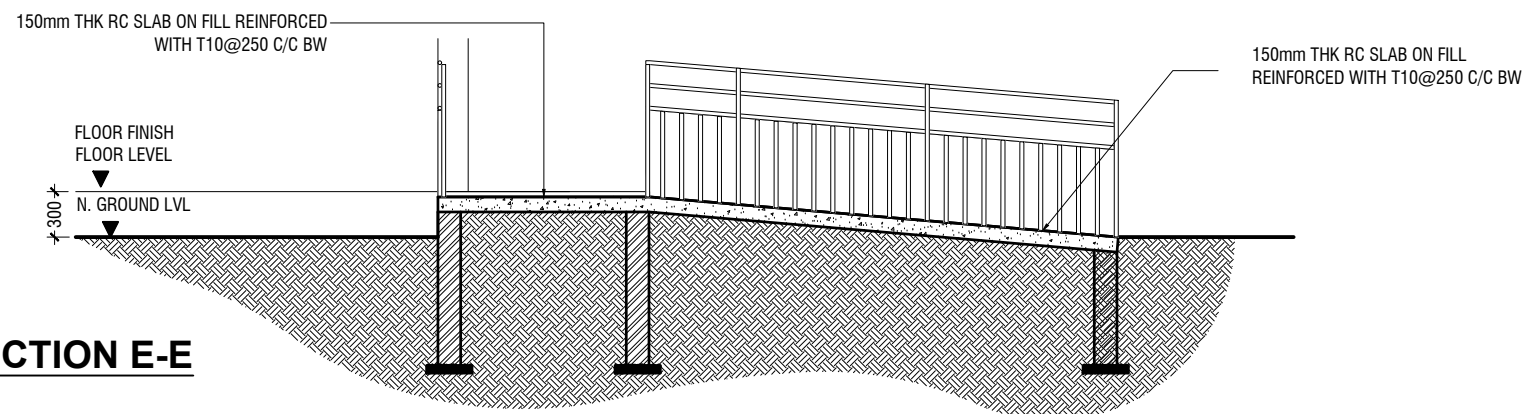




ELEVATION C



ELEVATION D



SECTION E-E

MAIN ENTRANCE RAMP DETAILS

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5



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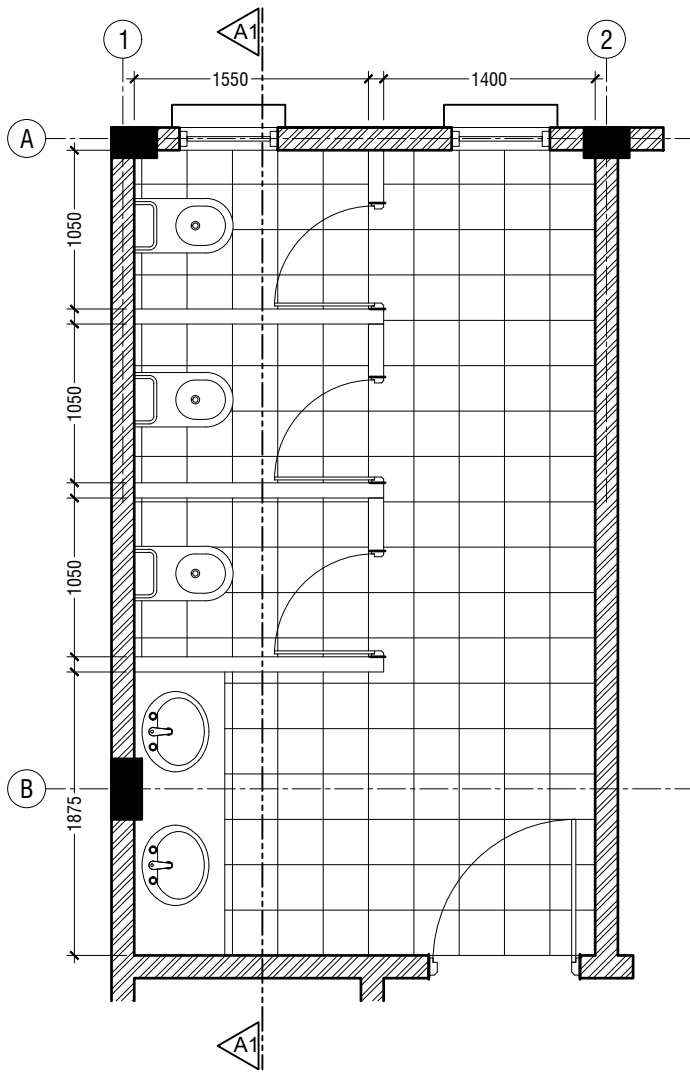
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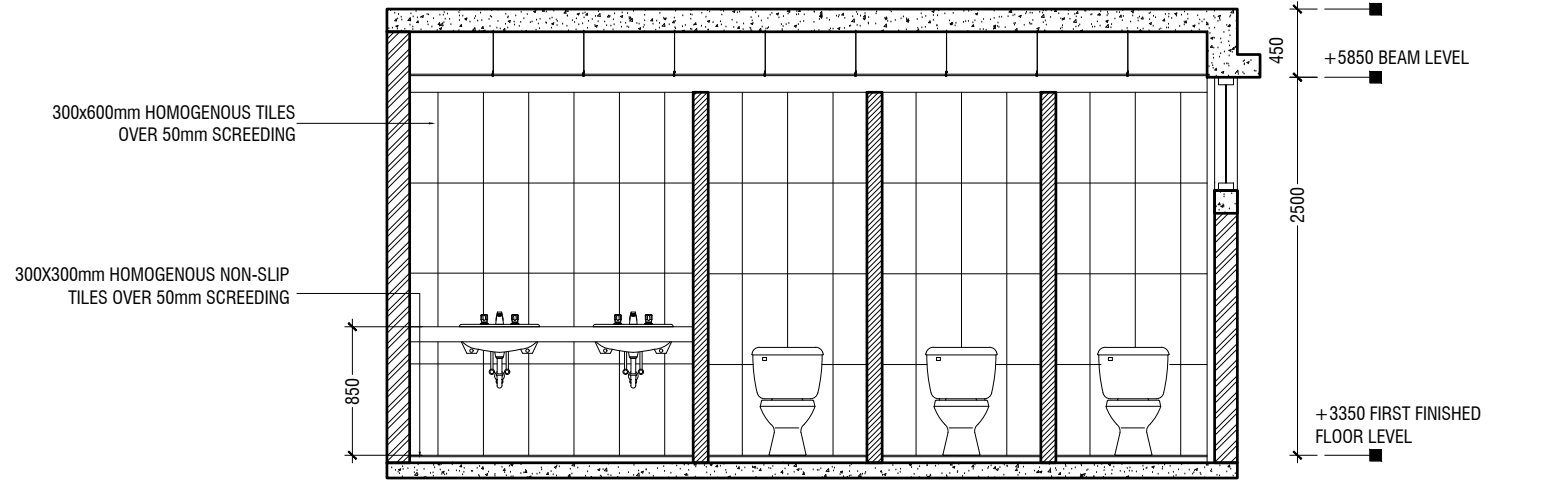
Title: Main Entrance Ramp
Details

Page: A-20/23



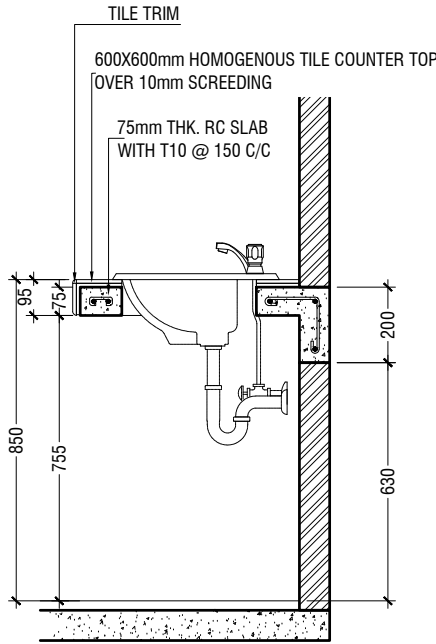
TYPICAL TOILET PLAN

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5



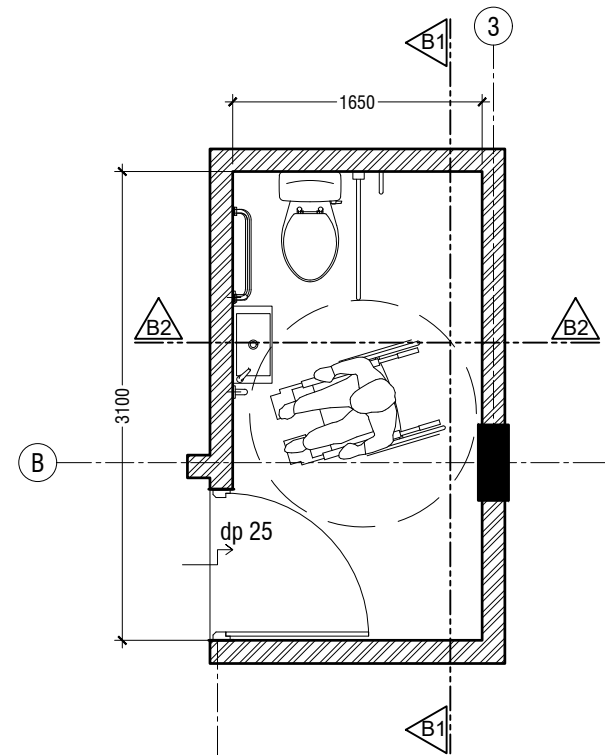
SECTION A1-A1

SCALE 1:50
0 0.25 0.5 1 1.5 2 2.5



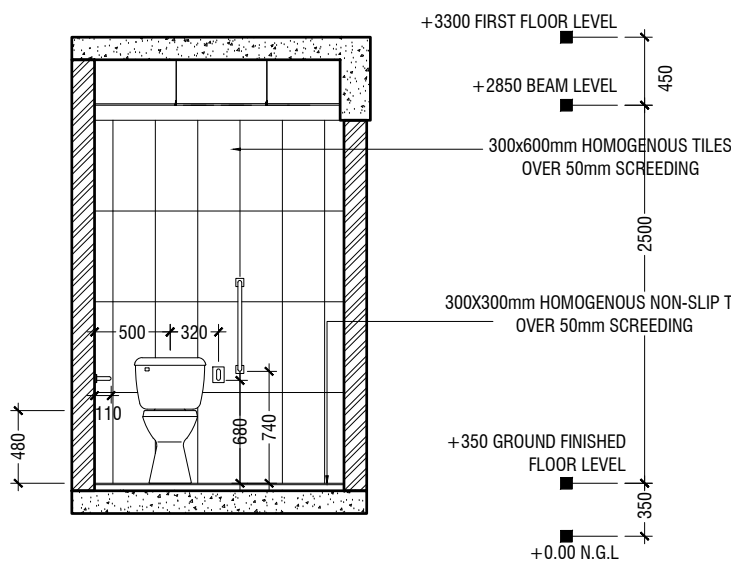
COUNTER TOP DETAILS

SCALE 1:20
0 0.1 0.2 0.4 0.6 0.8 1



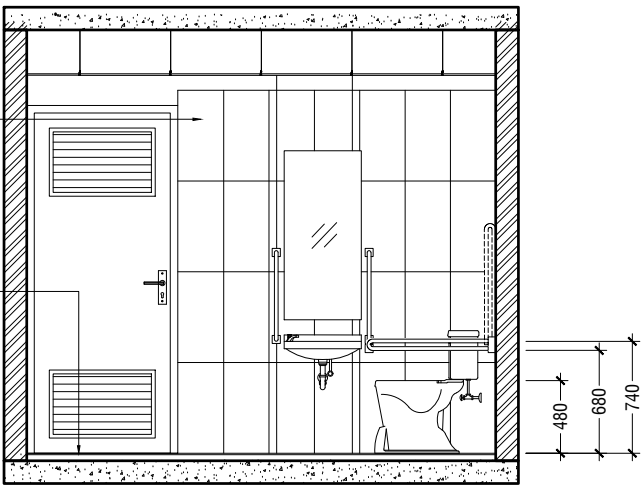
TOILET FOR PERSONS WITH DISABILITIES PLAN

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



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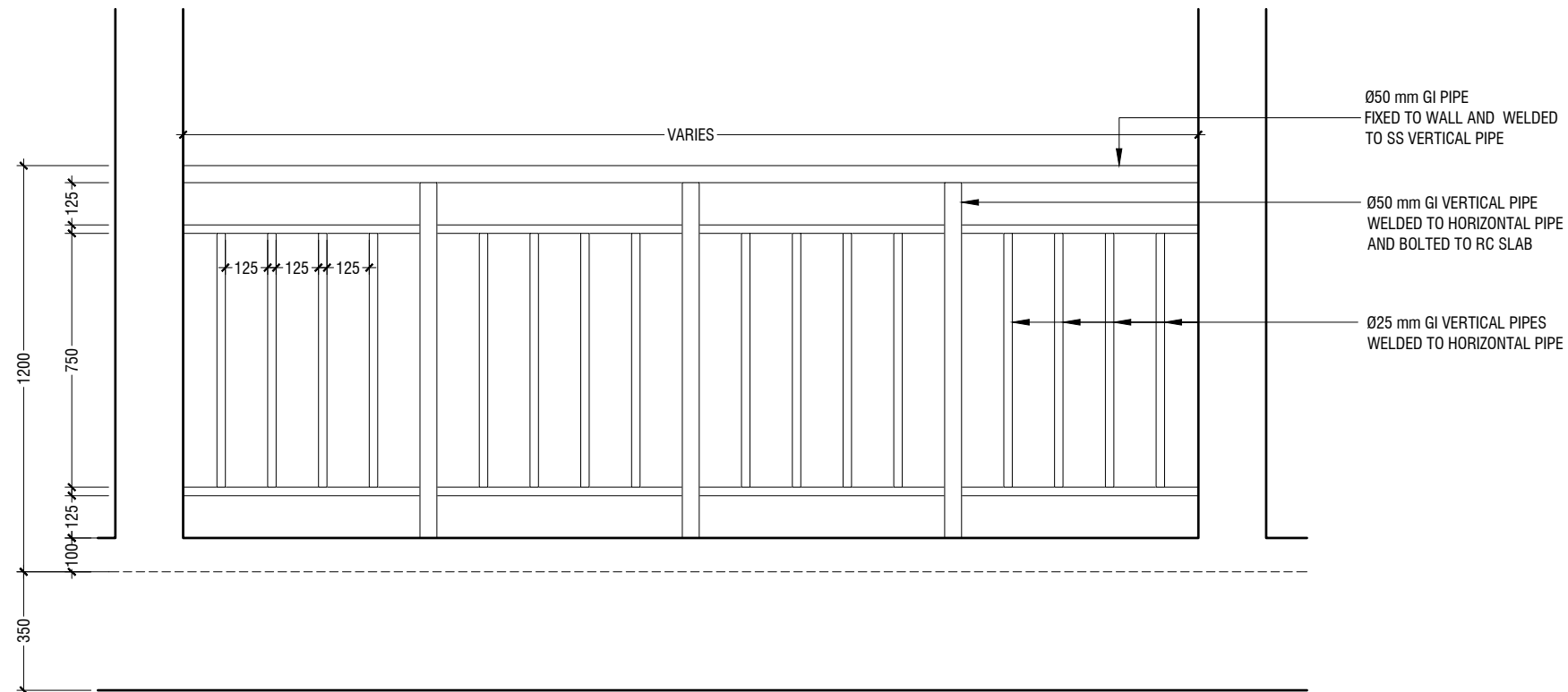
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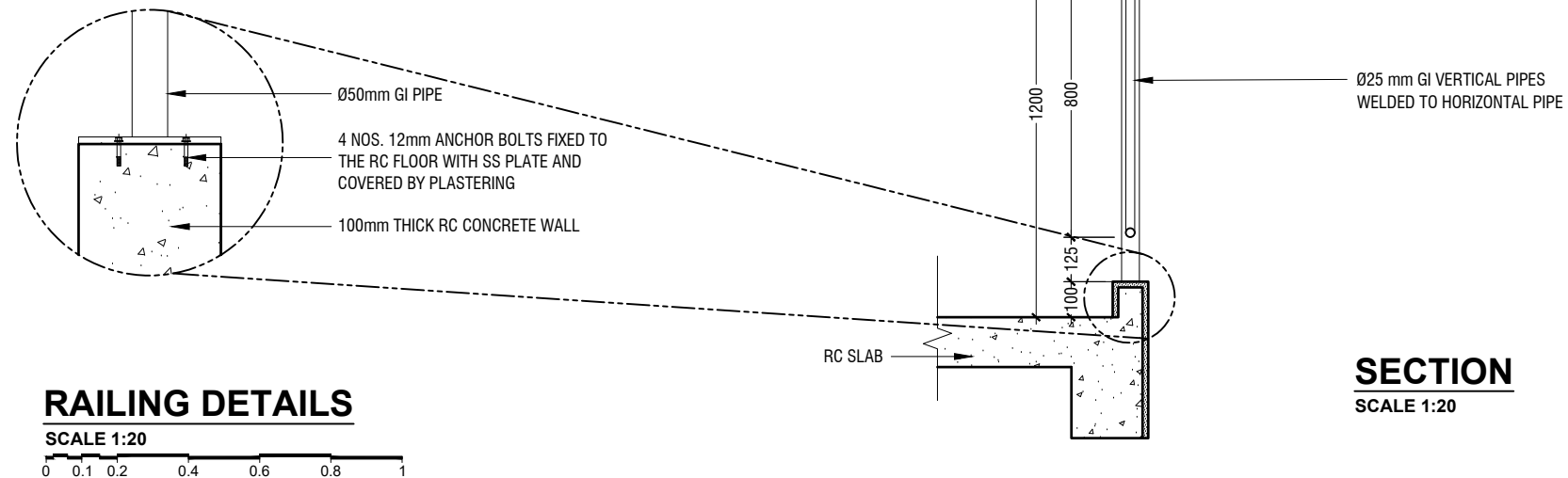
Project Number: RI/2017/012
Date: May 2019
Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
Drawn by : Aishath Mohamed Rasheed
Services : Aishath Ahmed
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Title: Toilet Details
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ELEVATION
SCALE 1:20



RAILING DETAILS
SCALE 1:20

SECTION
SCALE 1:20



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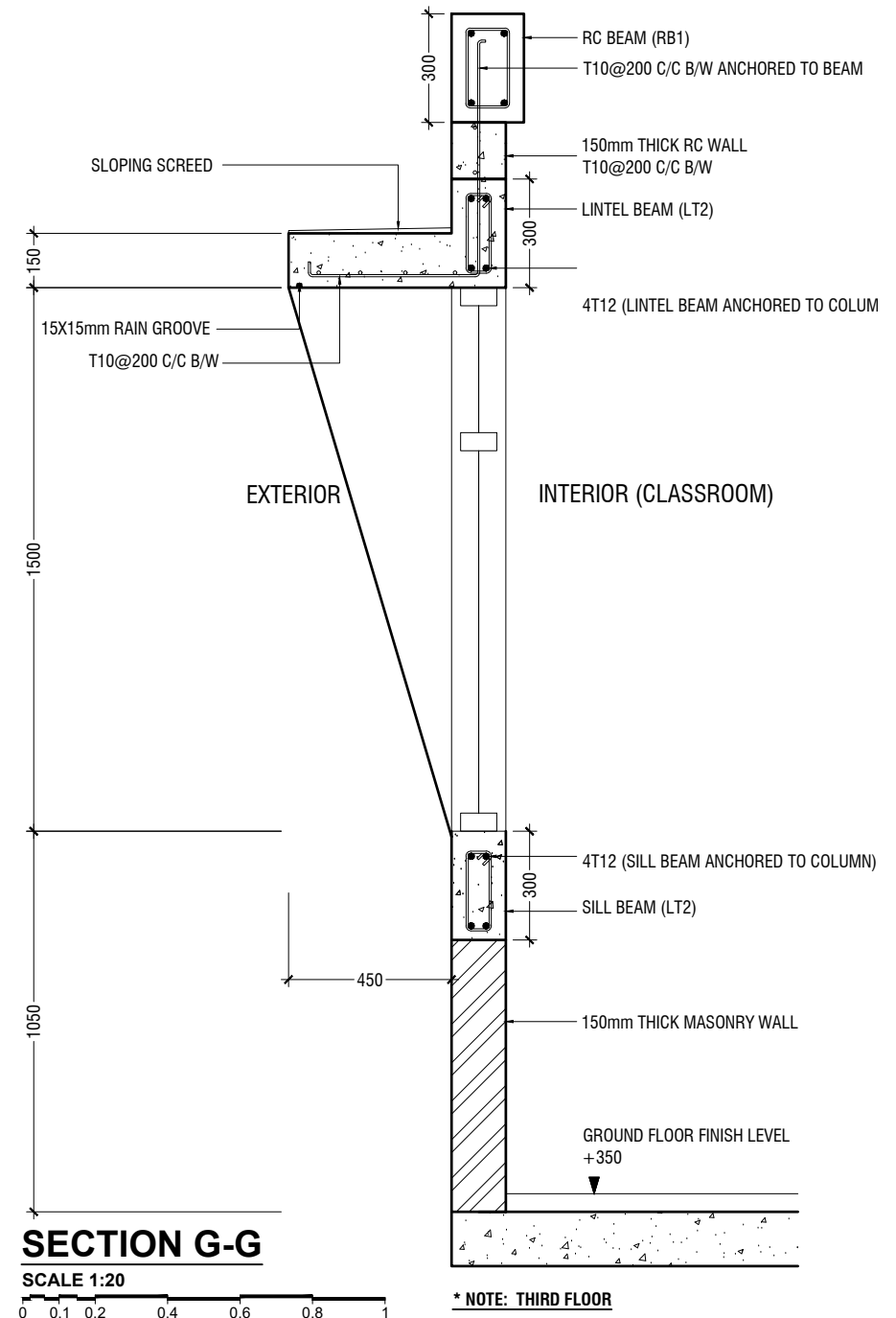
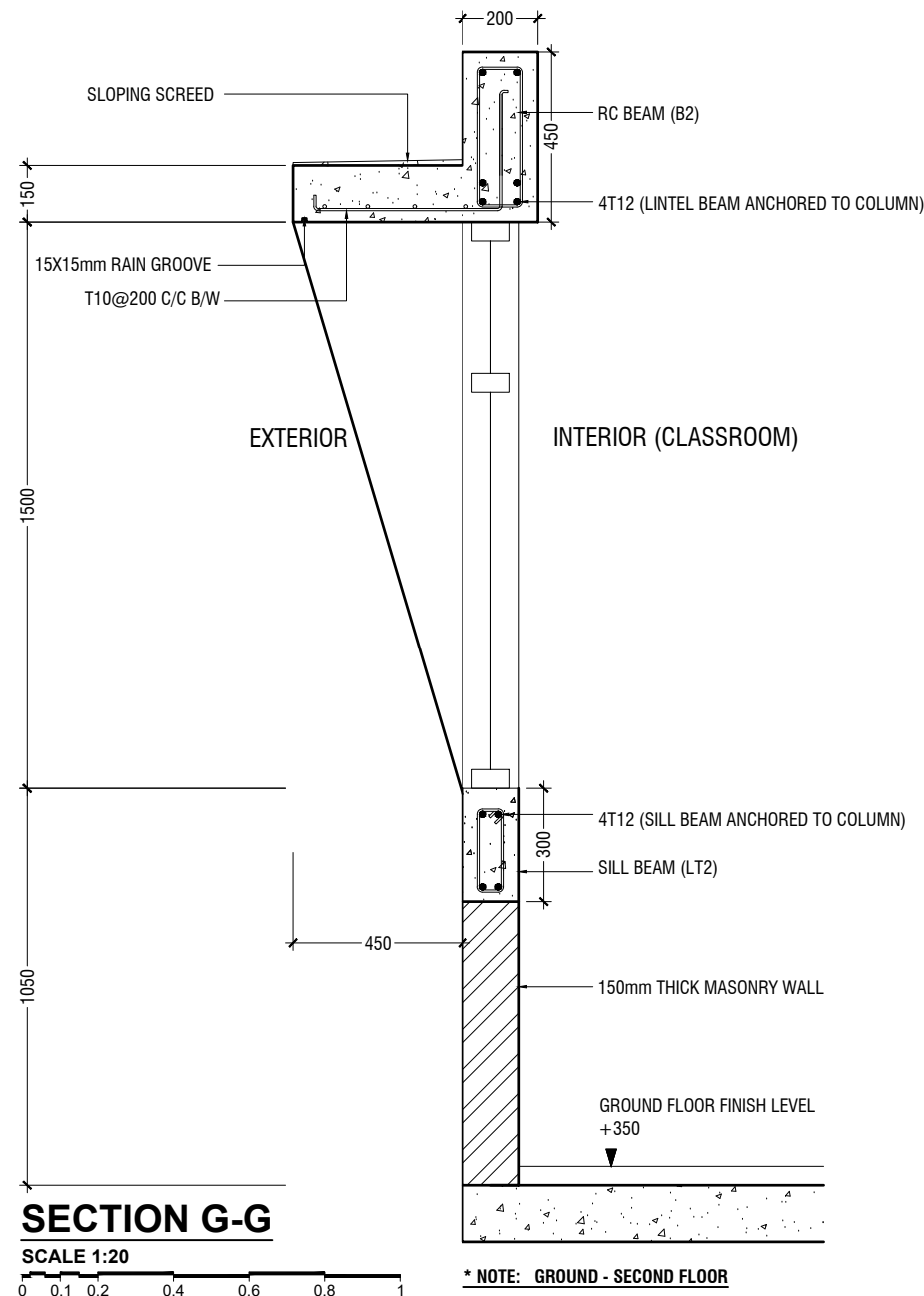
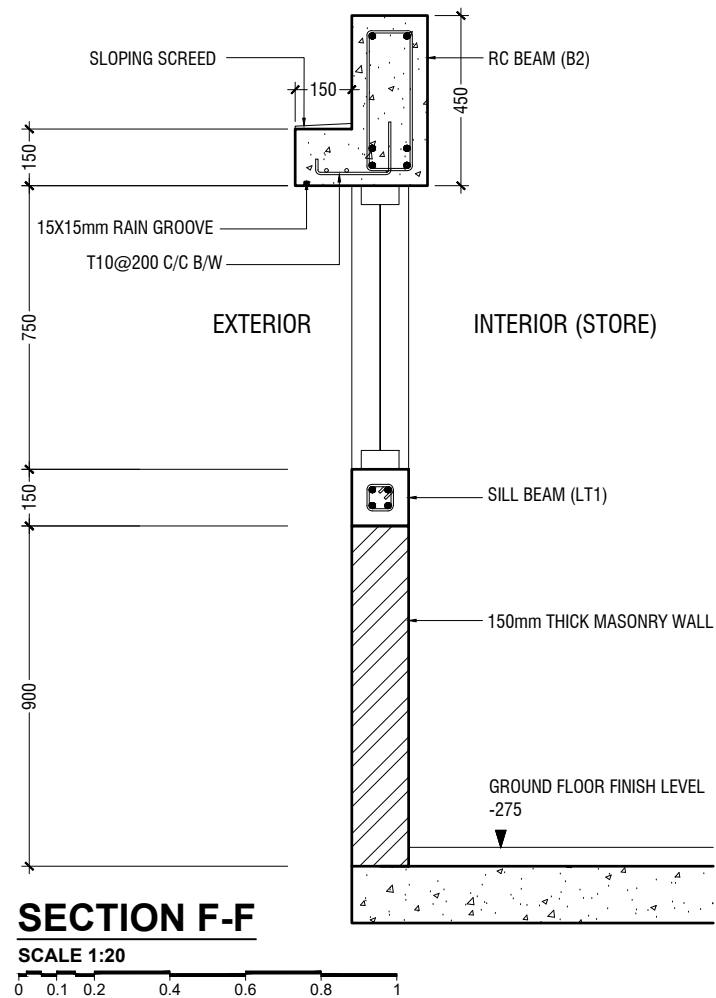
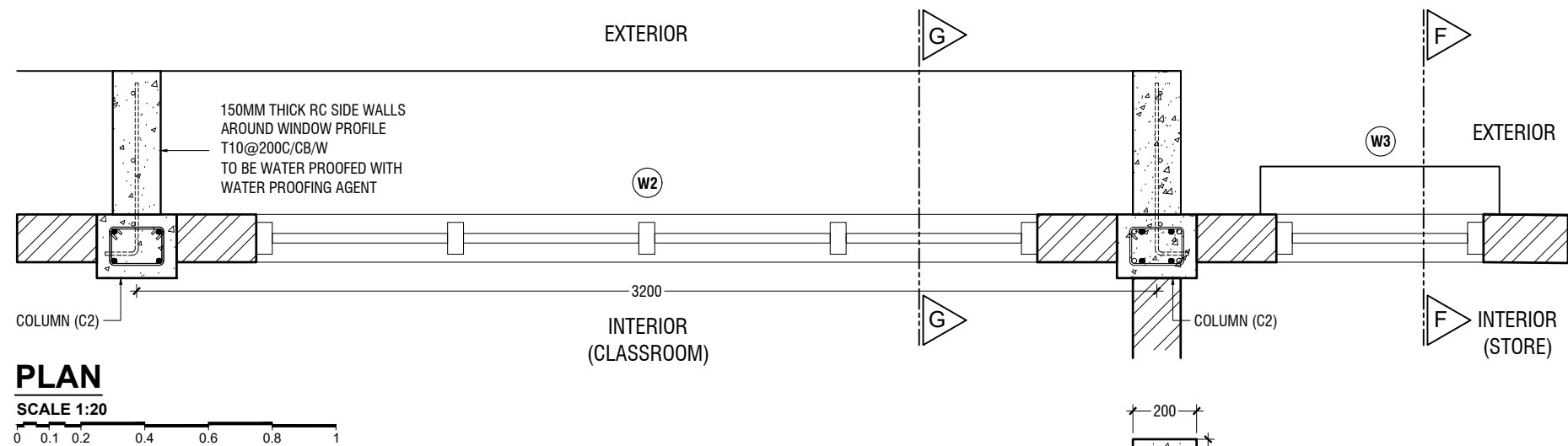
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Client: Ministry of Education

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Date: May 2019
Architect : Razana Amir
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Title: Railing Details

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WALL DETAIL

SCALE 1:20



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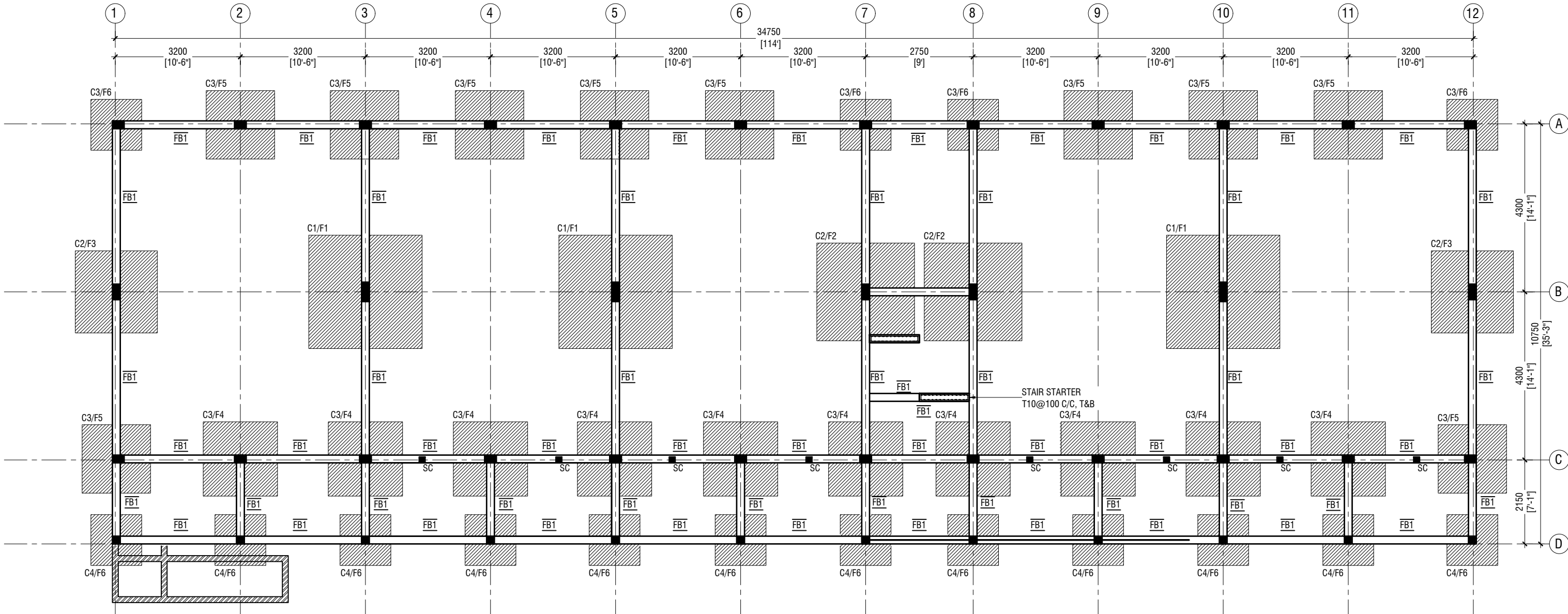
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Date: May 2019
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Engineer : Ahmed Zuhail Zaeem
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Title: RC Wall Details

Page: A-23/23



FOUNDATION PLAN

SCALE 1:100

NOTE:

COLUMN SIZES	
C1	: 200 x 500 mm
C2	: 200 x 400 mm
C3	: 200 x 300 mm
C4	: 200 x 200 mm
SC	: 150 x 150 mm
COVER	: 35-40mm

FOUNDATION PAD SIZES		
	DIMENSION	REINFORCEMENT
F1	2900 x 2900 x 550	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	2100 x 2100 x 450	T12@125 C/C B/W (B)
F4	1900 x 1900 x 450	T12@150 C/C B/W (B)
F5	1750 x 1750 x 450	T12@150 C/C B/W (B)
F6	1300 x 1300 x 450	T12@150 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	
TB1	: 200 x 450 mm
COVER	: 50mm

GROUND SLAB : 150mm 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



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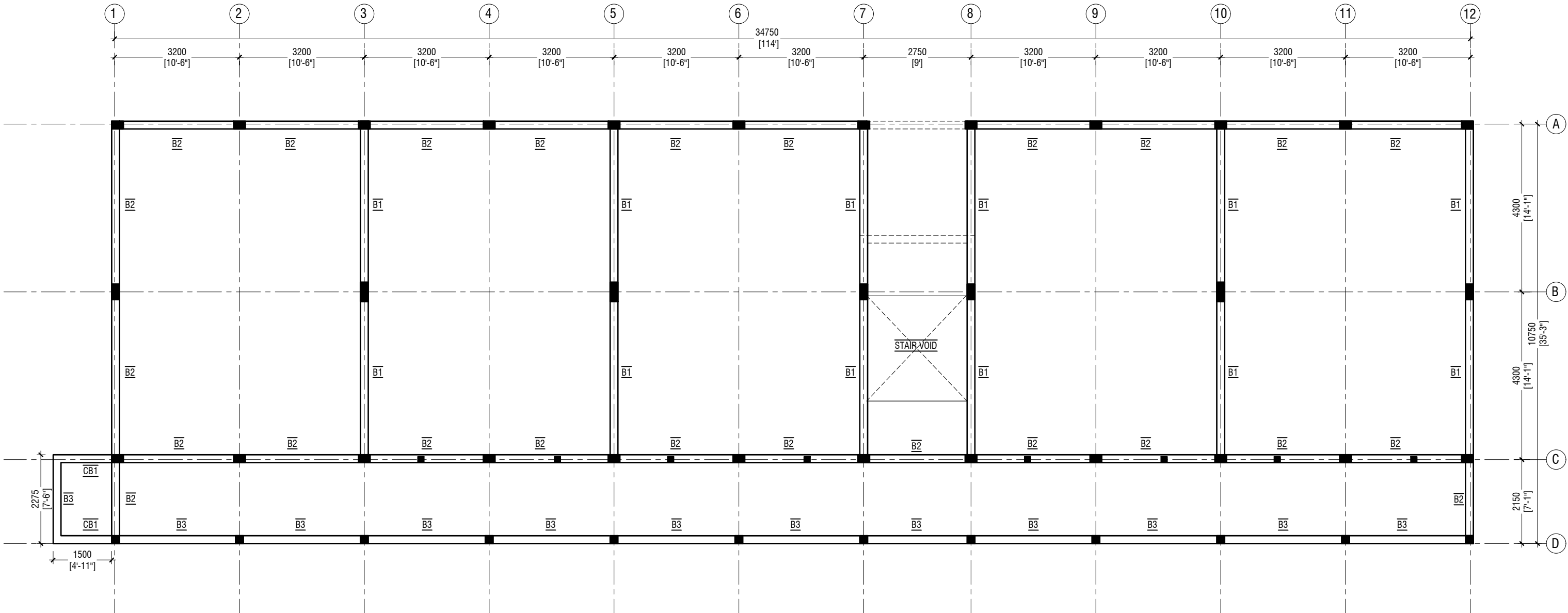
K.Kaashidhoo School - 16 Classroom (04 Storey)
Client: Ministry of Education

Project Number: RI/2017/012
Date: May 2019
Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
Drawn by : Aishath Mohamed Rasheed
Services : Aishath Ahmed
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Title: Foundation Plan

Page: S-01/11



FIRST - SECOND FLOOR BEAM PLAN

SCALE 1:100



NOTE:

COLUMN SIZES

C1	: 200 x 500 mm
C2	: 200 x 400 mm
C3	: 200 x 300 mm
C4	: 200 x 200 mm
SC	: 150 x 150 mm
COVER	: 35-40mm

BEAM SIZES

B1	: 200x550 mm
B2	: 200x450 mm
B3	: 200x450 mm
CB1	: 200x450 mm
COVER	: 35mm

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



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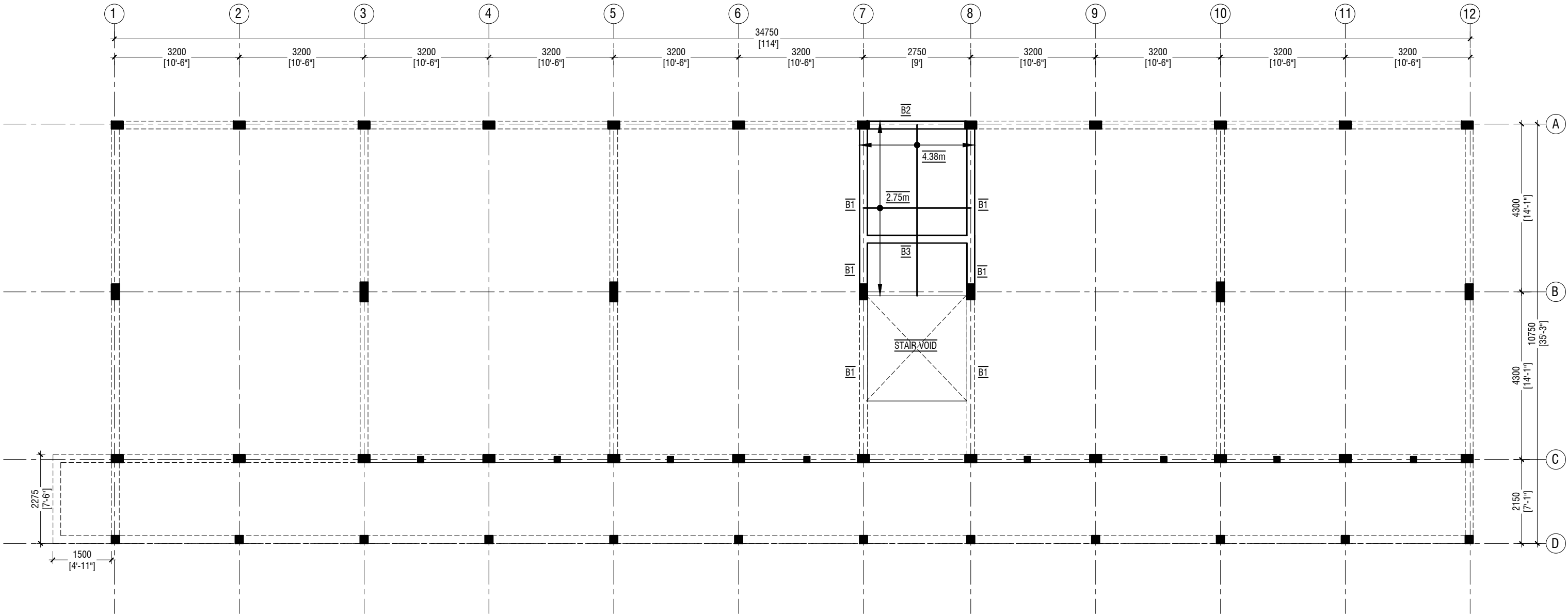
K.Kaashidhoo School - 16 Classroom (04 Storey)
Client: Ministry of Education

Project Number: RI/2017/012
Date: May 2019
Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
Drawn by : Aishath Mohamed Rasheed
Services : Aishath Ahmed
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Title: First - Second Floor
Beam Plan

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STORE / HALF LANDING FLOOR BEAM & SLAB REINFORCEMENT PLAN

SCALE 1:100
0 0.5 1 2 3 4 5

NOTE:

- COLUMN SIZES**
C1 : 200 x 500 mm
C2 : 200 x 400 mm
C3 : 200 x 300 mm
C4 : 200 x 200 mm
SC : 150 x 150 mm
COVER : 35-40mm

- BEAM SIZES**
B1 : 200x550 mm
B2 : 200x450 mm
B3 : 200x450 mm
CB1 : 200x450 mm
COVER : 35mm

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

SLAB THICKNESS:	150mm
BOTTOM REINFORCEMENT:	T12@150C/C B/W (NOT SHOWN)
TOP REINFORCEMENT:	T12@150C/C (AS SHOWN, UNLESS STATED)
TOP DISTRIBUTION STEEL:	T12@150C/C (UNLESS STATED)



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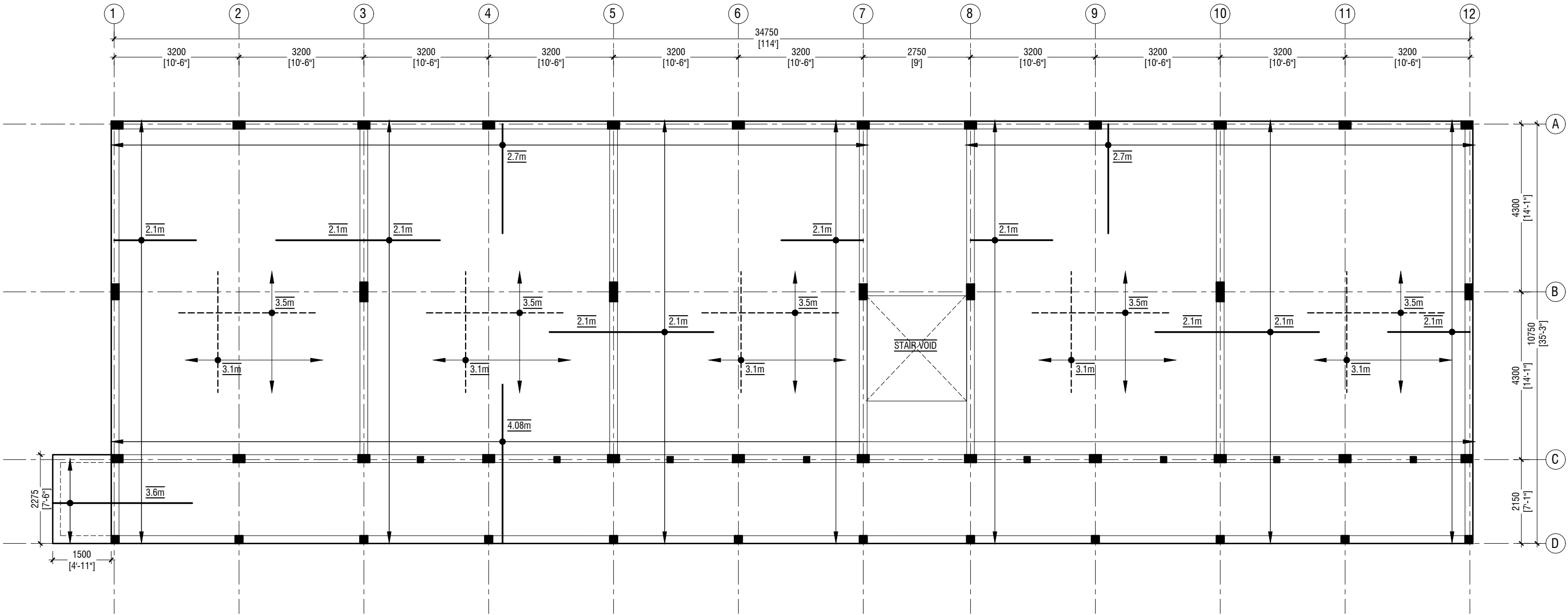
K.Kaashidhoo School - 16 Classroom (04 Storey)
Client: Ministry of Education

Project Number: RI/2017/012
Date: May 2019
Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
Drawn by : Aishath Mohamed Rasheed
Services : Aishath Ahmed
Interior : -

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Title: Store / Half Landing
Beam & Slab Rein. Plan

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FIRST - SECOND FLOOR SLAB REINFORCEMENT PLAN

SCALE 1:100



NOTE

	SLAB THICKNESS:	175mm
	BOTTOM REINFORCEMENT:	T12@150C/C B/W (NOT SHOWN)
----	BOTTOM ADDITIONAL REINFORCEMENT:	T12@150C/C B/W (AS SHOWN)
—	TOP REINFORCEMENT:	T12@150C/C (AS SHOWN, UNLESS STATED)
	TOP DISTRIBUTION STEEL:	T12@150C/C (UNLESS STATED)



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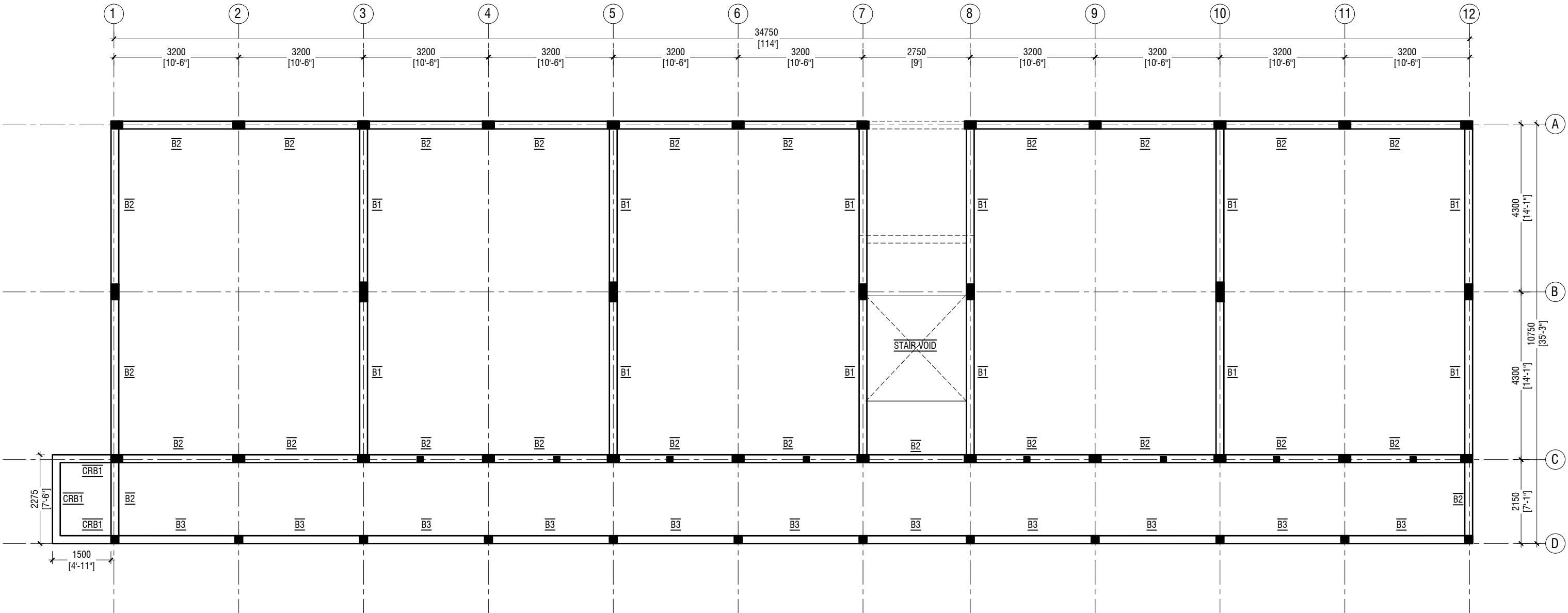
K.Kaashidhoo School - 16 Classroom (04 Storey)
Client: Ministry of Education

Project Number: RI/2017/012
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Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
Drawn by : Aishath Mohamed Rasheed
Services : Aishath Ahmed
Interior : -

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Title: First - Second Floor
Slab Rein. Plan

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THIRD FLOOR BEAM PLAN

SCALE 1:100



NOTE:

COLUMN SIZES

C1	: 200 x 500 mm
C2	: 200 x 400 mm
C3	: 200 x 300 mm
C4	: 200 x 200 mm
SC	: 150 x 150 mm
COVER	: 35-40mm

BEAM SIZES

B1	: 200x550 mm
B2	: 200x450 mm
B3	: 200x450 mm
CRB1	: 200x300 mm
COVER	: 35mm

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



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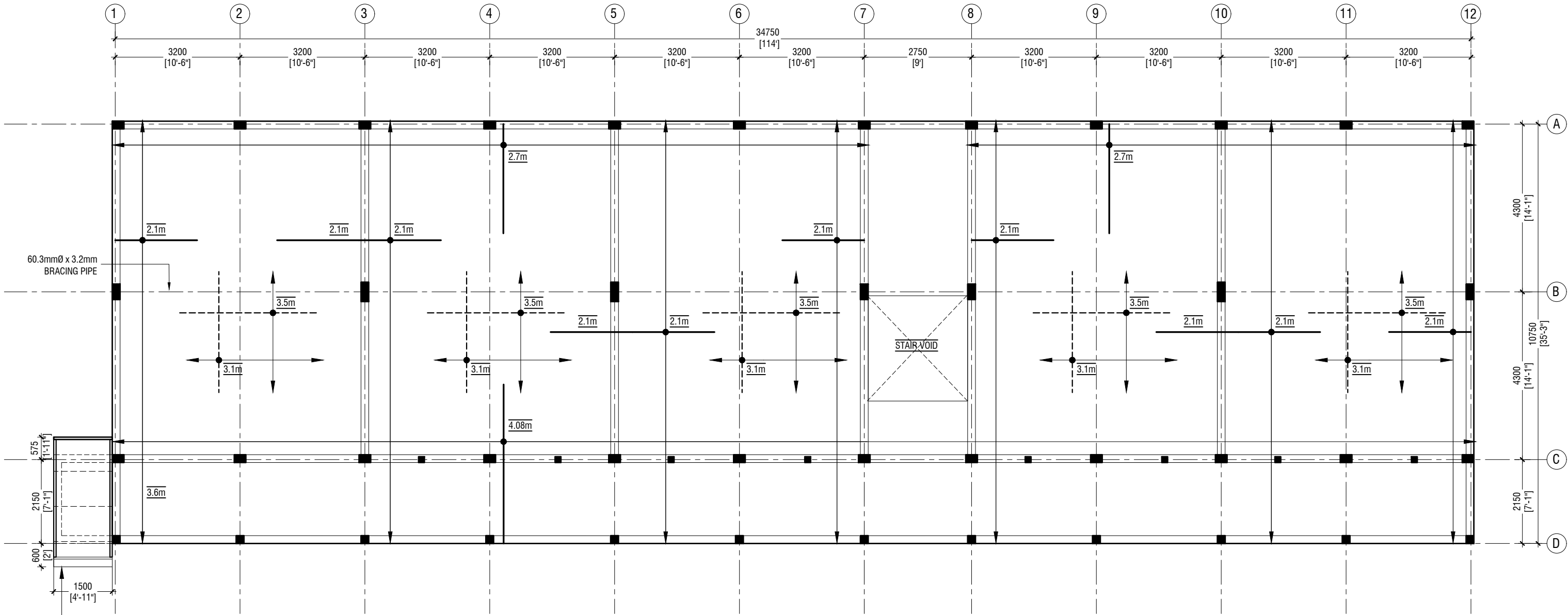
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Client: Ministry of Education

Project Number: RI/2017/012
Date: May 2019
Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
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Services : Aishath Ahmed
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Title: Third Floor
Beam Plan

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THIRD FLOOR SLAB REINFORCEMENT PLAN

SCALE 1:100



NOTE

	SLAB THICKNESS:	175mm
	BOTTOM REINFORCEMENT:	T12@150C/C B/W (NOT SHOWN)
	BOTTOM ADDITIONAL REINFORCEMENT:	T12@150C/C B/W (AS SHOWN)
	TOP REINFORCEMENT:	T12@150C/C (AS SHOWN, UNLESS STATED)
	TOP DISTRIBUTION STEEL:	T12@150C/C (UNLESS STATED)



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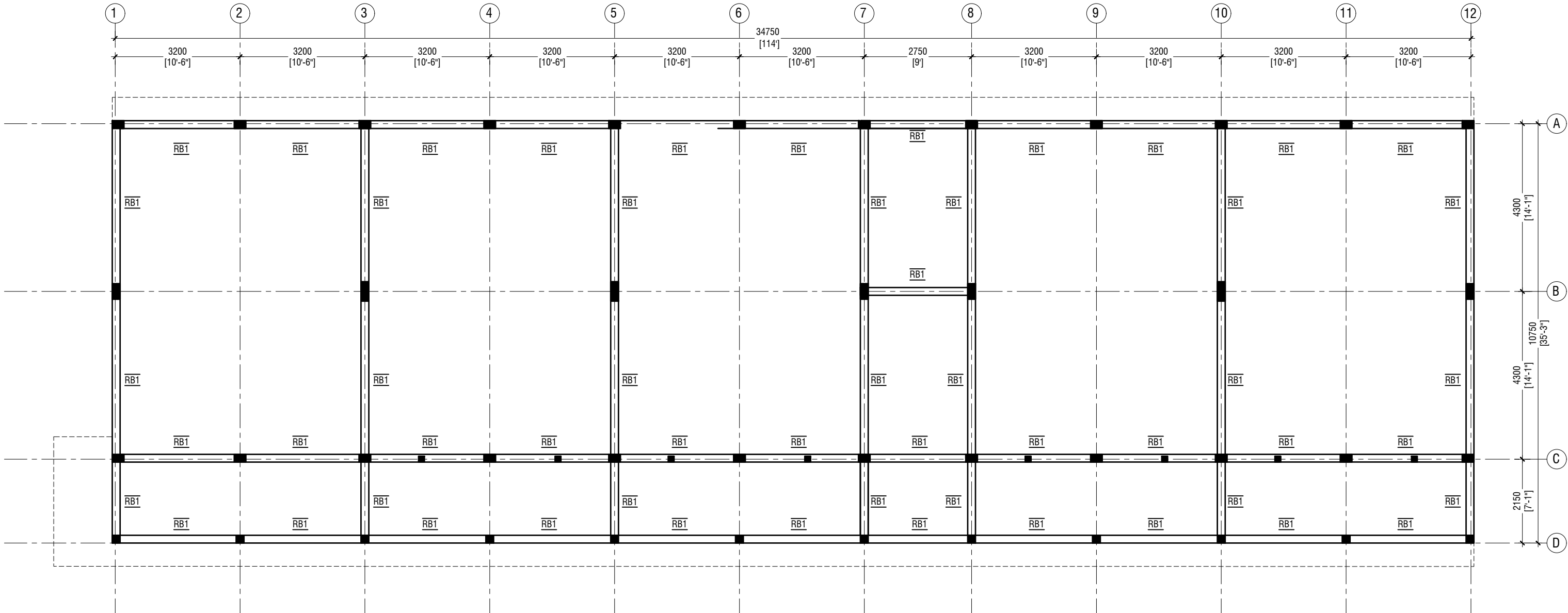
K.Kaashidhoo School - 16 Classroom (04 Storey)
Client: Ministry of Education

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Date: May 2019
Architect : Razana Amir
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Services : Aishath Ahmed
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Title: Third Floor
Slab Rein. Plan

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ROOF BEAM PLAN

SCALE 1:100



NOTE:

COLUMN SIZES

C1	: 200 x 500 mm
C2	: 200 x 400 mm
C3	: 200 x 300 mm
C4	: 200 x 200 mm
SC	: 150 x 150 mm
COVER	: 35-40mm

BEAM SIZES

RB1	: 200x300 mm
CRB1	: 200x300 mm
COVER	: 35mm

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



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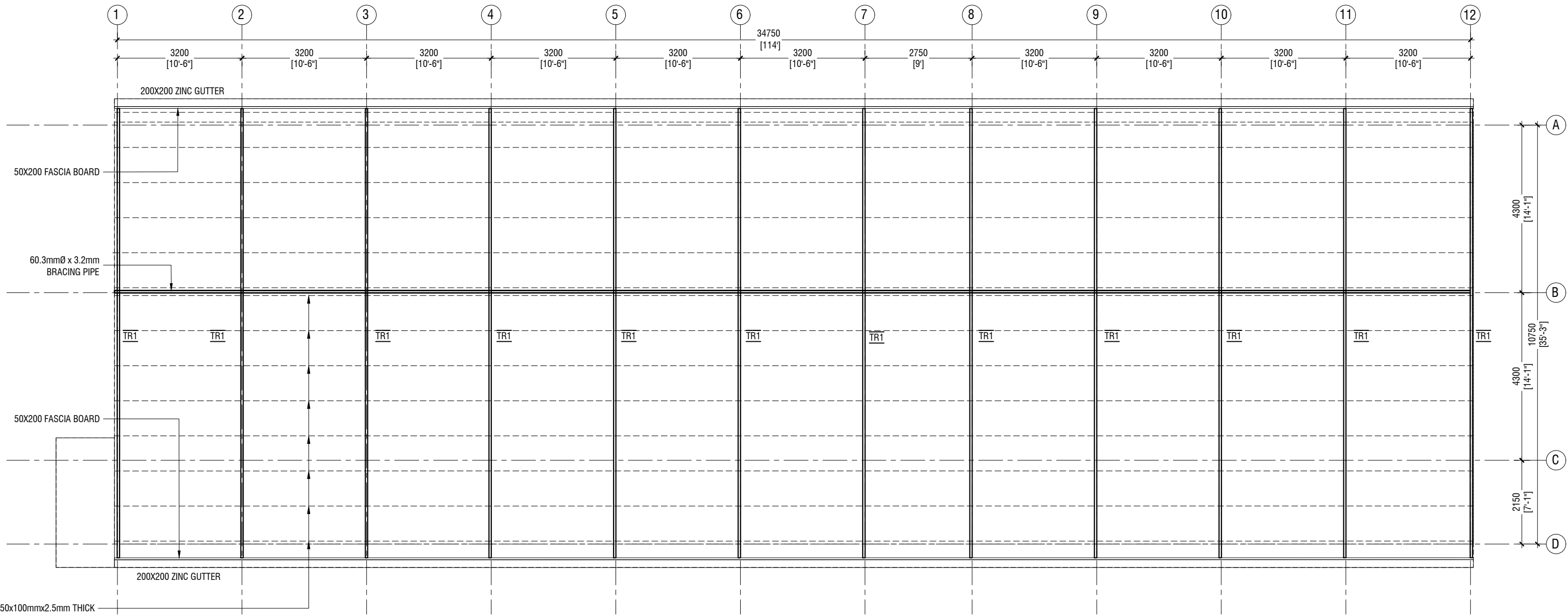
K.Kaashidhoo School - 16 Classroom (04 Storey)
Client: Ministry of Education

Project Number: RI/2017/012
Date: May 2019
Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
Drawn by : Aishath Mohamed Rasheed
Services : Aishath Ahmed
Interior : -

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Title: Roof Beam Plan

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ROOF TRUSS & FRAMING PLAN

SCALE 1:100



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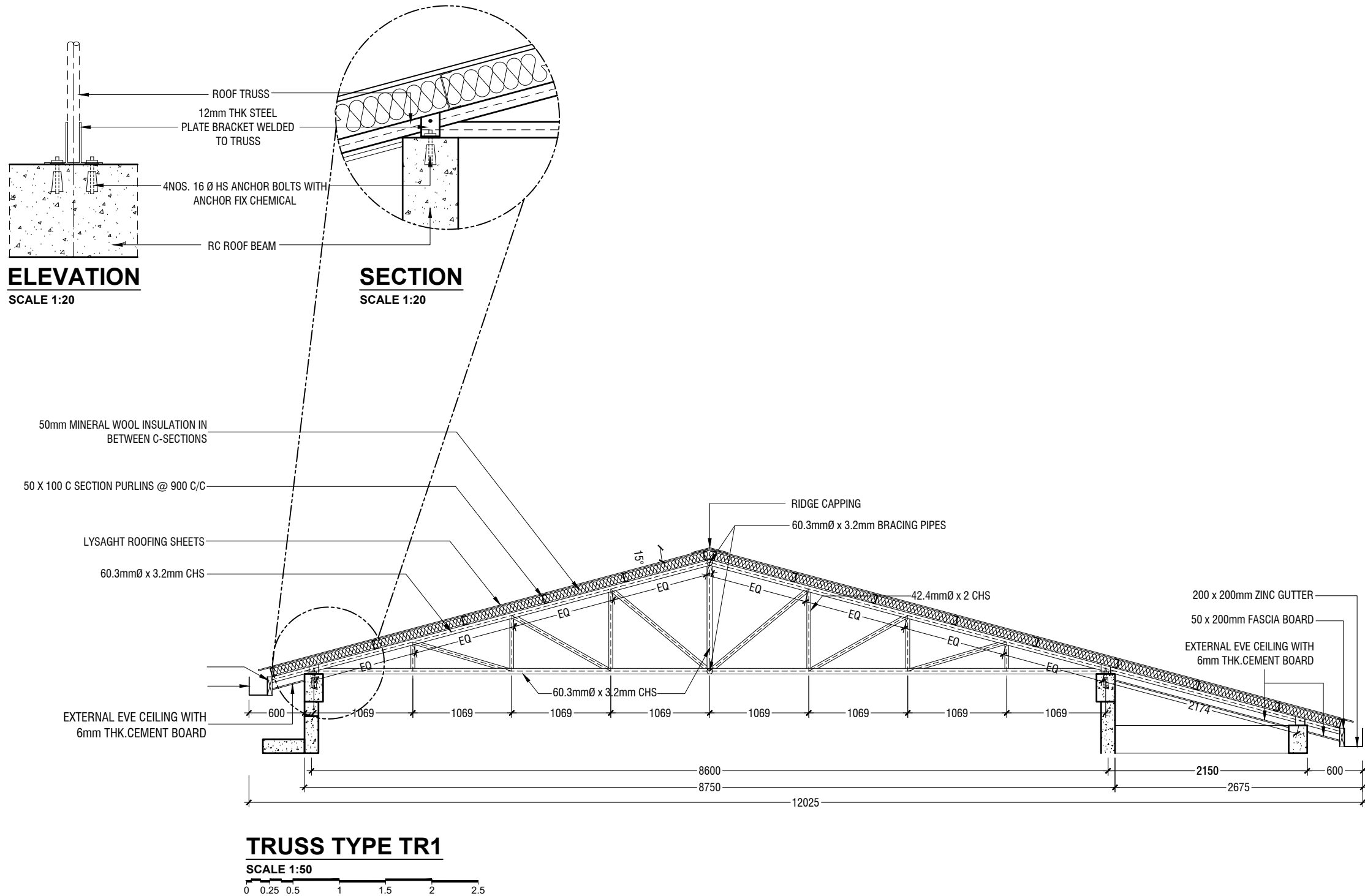
K.Kaashidhoo School - 16 Classroom (04 Storey)
Client: Ministry of Education

Project Number: RI/2017/012
Date: May 2019
Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
Drawn by : Aishath Mohamed Rasheed
Services : Aishath Ahmed
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Title: Roof Truss & Framing Plan

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Client: Ministry of Education

Project Number: RI/2017/012
Date: May 2019
Architect : Razana Amir
Engineer : Ahmed Zuhail Zaeem
Drawn by : Aishath Mohamed Rasheed
Services : Aishath Ahmed
Interior : -

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Title: Roof Truss Details

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	DIMENSION	REINFORCEMENT
F1	2900 x 2900 x 550	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	2100 x 2100 x 450	T12@125 C/C B/W (B)
F4	1900 x 1900 x 450	T12@150 C/C B/W (B)
F5	1750 x 1750 x 450	T12@150 C/C B/W (B)
F6	1300 x 1300 x 450	T12@150 C/C B/W (B)

FOUNDATION DEPTH = 1200mm

NOTE:-

COVER TO FOUNDATION = 50mm

COVER TO COLUMNS = 40mm

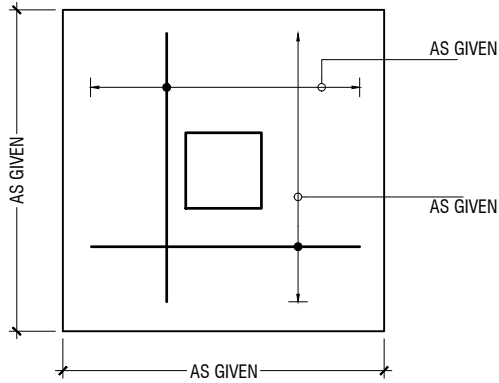
COVER TO BEAMS = 35mm

LAPS = Ø OF BAR x 45

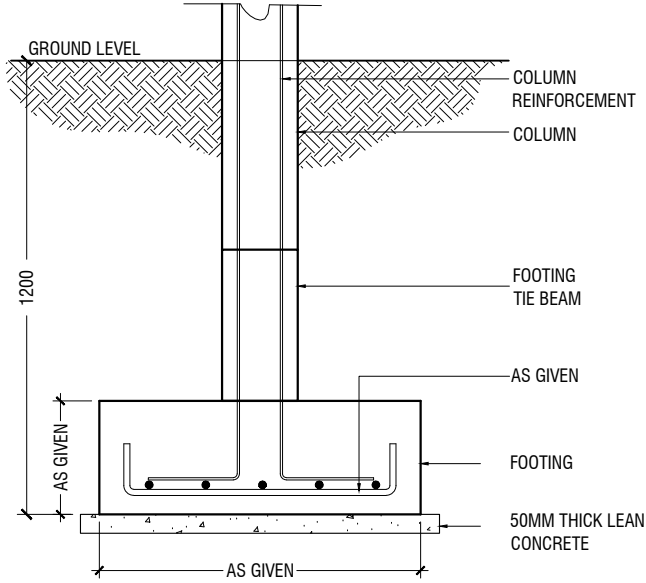
BEAMS @END SUPPORT = Ø OF BAR x 12

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

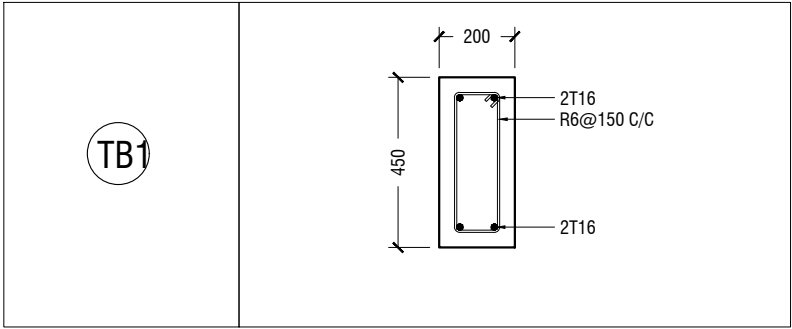
FOUNDATION PADS



PLAN



SECTION



FOUNDATION DETAILS

	GROUND & 1ST FLOOR
C1	<p>Diagram showing the column detail for C1. The dimensions are labeled as 500 (width) and 200 (depth). The reinforcement layout is shown with 10T20 bars at the top and bottom, and 2R6@175c/c bars on the sides. The top and bottom bars are labeled 'AS GIVEN'.</p>
C2	<p>Diagram showing the column detail for C2. The dimensions are labeled as 400 (width) and 200 (depth). The reinforcement layout is shown with 8T20 bars at the top and bottom, and 2T12 bars on the sides. The top and bottom bars are labeled 'AS GIVEN'.</p>
C3	<p>Diagram showing the column detail for C3. The dimensions are labeled as 300 (width) and 200 (depth). The reinforcement layout is shown with 6T16 bars at the top and bottom, and R6@150c/c bars on the sides. The top and bottom bars are labeled 'AS GIVEN'.</p>
C4	<p>Diagram showing the column detail for C4. The dimensions are labeled as 200 (width) and 200 (depth). The reinforcement layout is shown with 4T16 bars at the top and bottom, and R6@150c/c bars on the sides. The top and bottom bars are labeled 'AS GIVEN'.</p>

COLUMN DETAIL

STRUCTURAL DETAILS - 1

SCALE 1:20

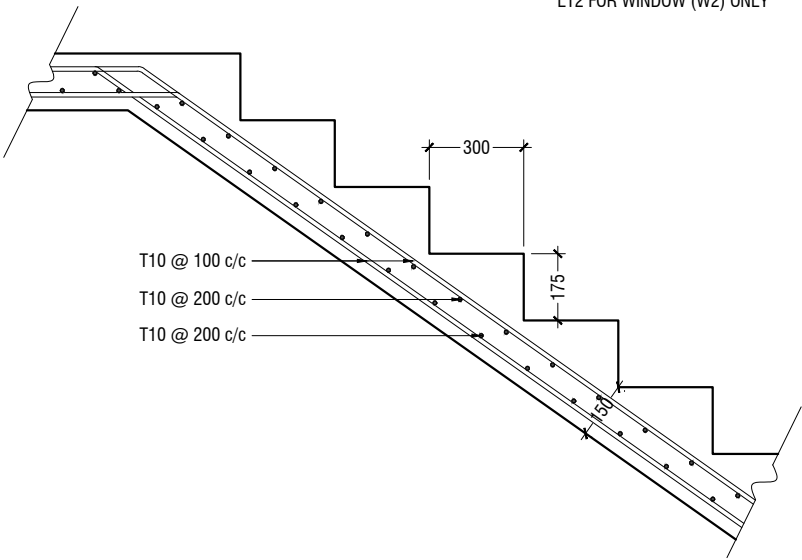
0 0.1 0.2 0.4 0.6 0.8 1

	MIDSPAN	SUPPORT
B1		
B2		
B3		
CB1		
RB1		

BEAM DETAIL

CRB1	
LB1	
LB2	

LINTELS OVER ALL DOORS, WINDOWS
(THAT DOES NOT RISE TO ROOF BEAM LEVEL)
LT2 FOR WINDOW (W2) ONLY



MAIN STAIRCASE REINFORCEMENT DETAIL

STRUCTURAL DETAILS - 2

SCALE 1:20
0 0.1 0.2 0.4 0.6 0.8 1