

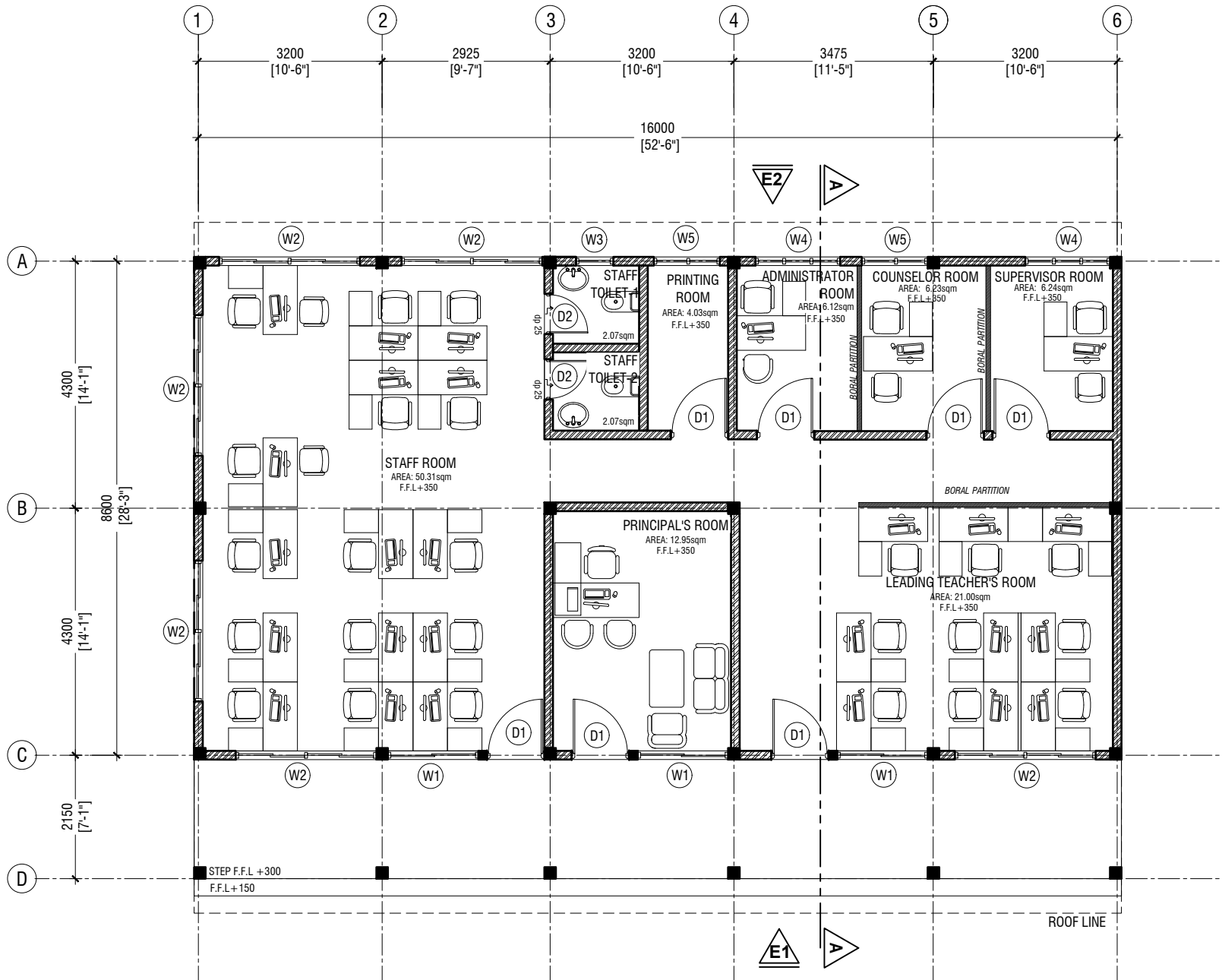
Proposed Single Storey Admin Block at Th.Burunee School

Client: Ministry of Education



RIYAN PRIVATE LIMITED

t: +9603315049 f: +9603310276
e: info@riyan.com.mv
w: www.riyan.com.mv
3rd floor, H. Azum, Ammeeemagau, Male'



GROUND FLOOR PLAN

SCALE 1:100



NOTE:

- PROPOSED 150mm THICK SOLID BLOCK MASONRY WALL WITH 16mm PLASTERING, GROUND SMOOTH IN SELECTED PAINT FINISH
- 80mm THICK SINGLE LAYERED BORAL PARTITION WALL (TRACKS, STUDS, M-BOARD, GAP FILLER, PUTTY AND EMULSION PAINT)

Th. Burunee School Admin Building
Ministry of Education

Project Number: RI/207/012
Date: March, 2021
Architect: Razana Anwar
Structural Engineer: Razana Anwar
Drawn by: Mafiyam Leeyan Jaleel
Interior: Aishath Ahmed

Rev no

Date

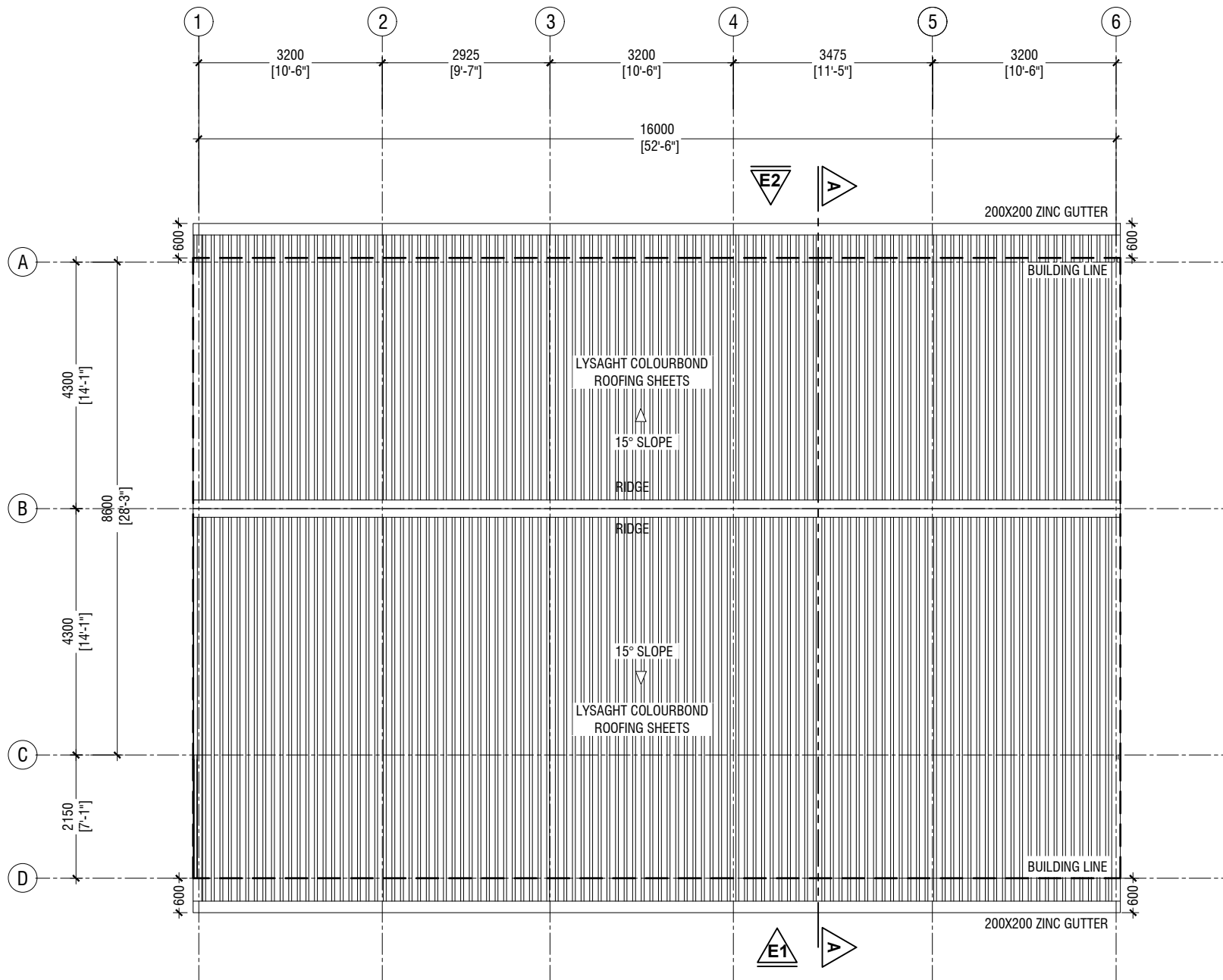
RIYAN PRIVATE LIMITED

t: +9603315040 f: +9603310276
e: info@riyan.com.mv
w: www.riyan.com.mv
3rd floor, H. Azum, Ammanneerupu, Male'

Title: Ground Floor Plan

Page: A-01/10

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ROOF PLAN

SCALE 1:100



Th.Burunee School Admin Building
Ministry of Education

Project Number: RI/207/012

Date: March, 2021

Architect: Razana Anir

Structural Engineer: Zameer

Drawn by: Mafiyam Leeyan Jaleel

Services: Aishath Ahmed

Interior: -

Rev no

Date

Rev no

Date



RIYAN PRIVATE LIMITED

t: +9603315040 f: +9603310276

e: info@riyan.com.mv

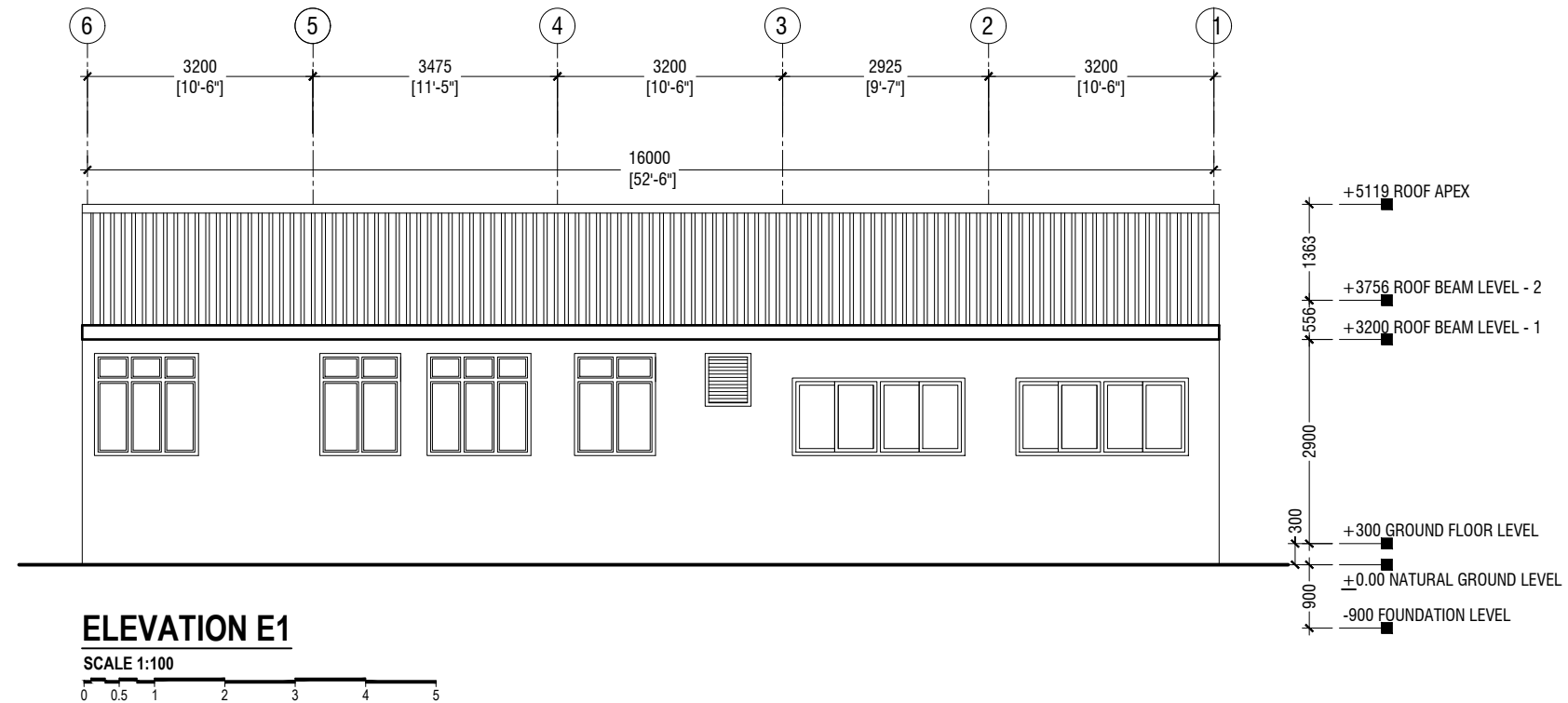
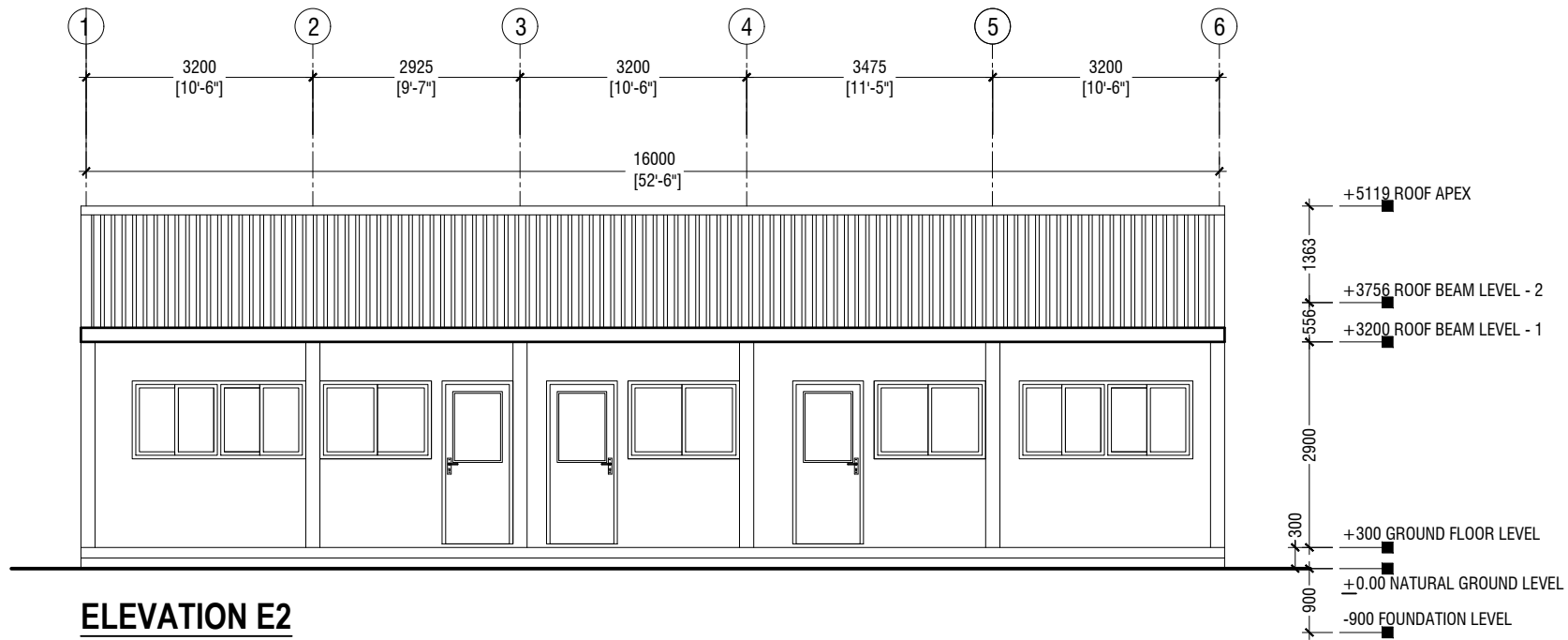
w: www.riyan.com.mv

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

Title: Roof Plan

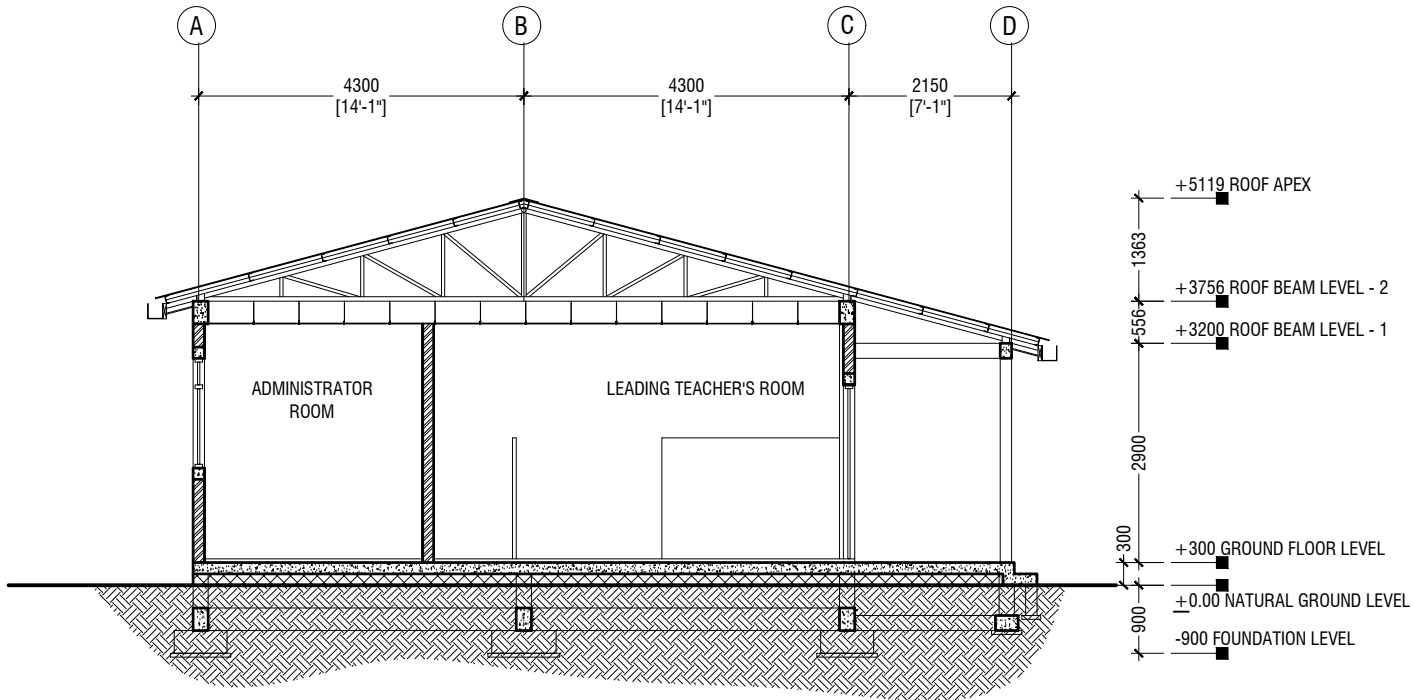
Page: A-02/10

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Th. Burunee School Admin Building
Ministry of Education

Rev no	Date
1	10/03/2021
2	10/03/2021
3	10/03/2021
4	10/03/2021



SECTION A-A

SCALE 1:100

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Th. Burunee School Admin Building
Ministry of Education

Project Number: RI/2017/012

Date: March 2021

Architect: Rizwan Aini

Designer: Rizwan Aini, Zeem

Drawn by: Mariyam Laseyan Jaleel

Services: Ashraf Ahmed

Interior: -

Rev no

Date

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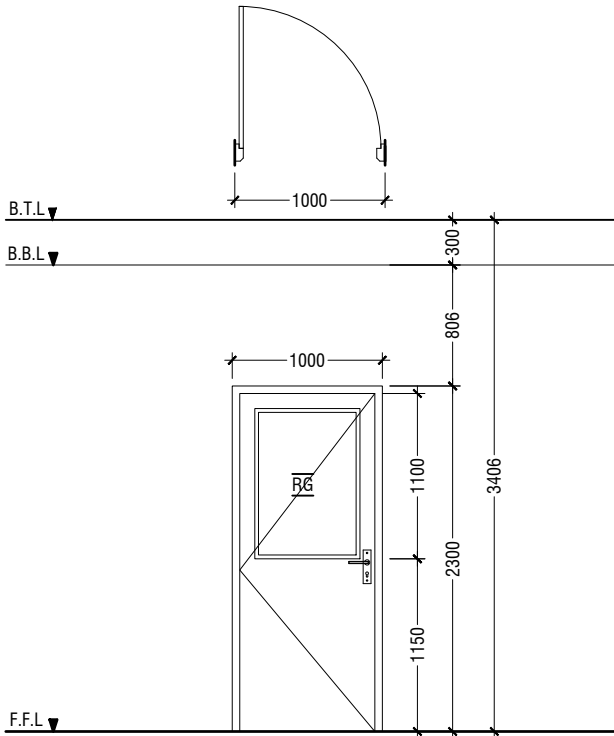
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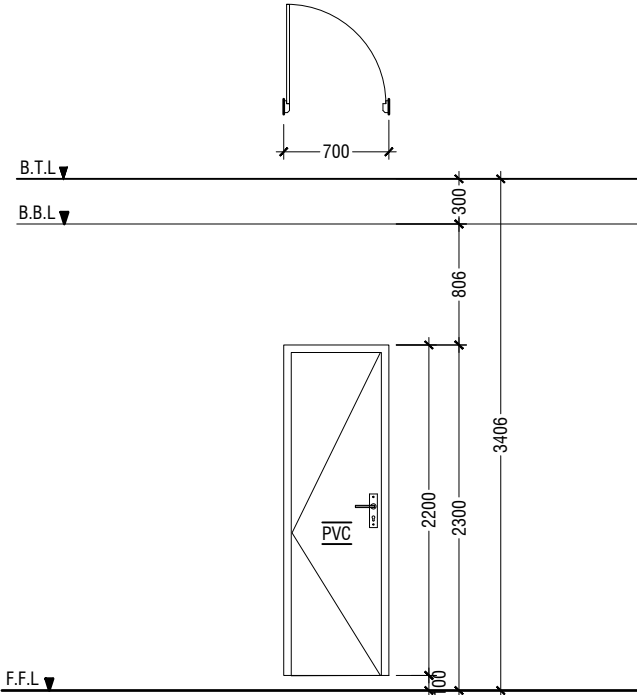
D1	SWING DOOR
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND REFLECTIVE GLASS
LOCATION	STAFF ROOM, PRINCIPAL'S ROOM, LEADING TEACHER'S ROOM, SUPERVISOR ROOM, COUNSELOR ROOM, ADMINISTRATOR ROOM & PRINTING ROOM.
QUANTITY	07 NOS
OPEN AREA	2.03 sqm

LEGEND:
RG - REFLECTED GLASS
AL - ALUMINIUM

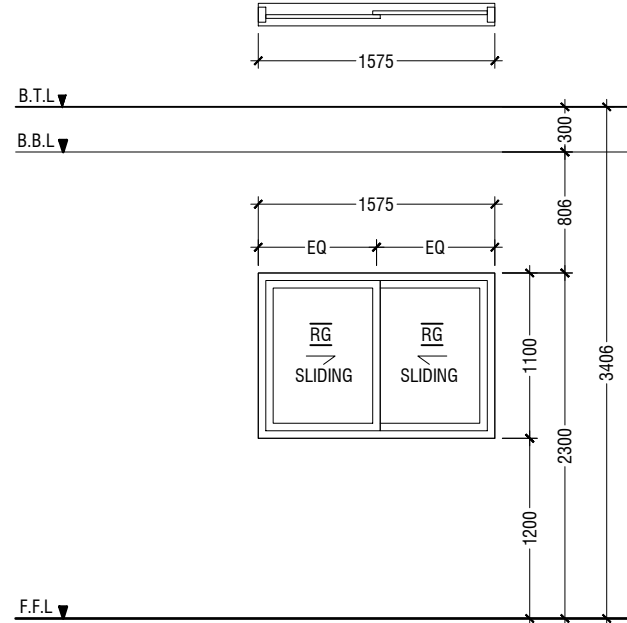
NOTE:-
- ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
- ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
- THE DOORS / WINDOWS WHICH DO NOT TOUCH THE BEAM SHALL HAVE A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW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

DOOR / WINDOW SCHEDULE 1

SCALE 1:50



D2	PVC SWING DOOR
REMARKS	PVC FRAME AND PANEL
LOCATION	STAFF TOILETS
QUANTITY	02 NOS
OPEN AREA	1.29 sqm



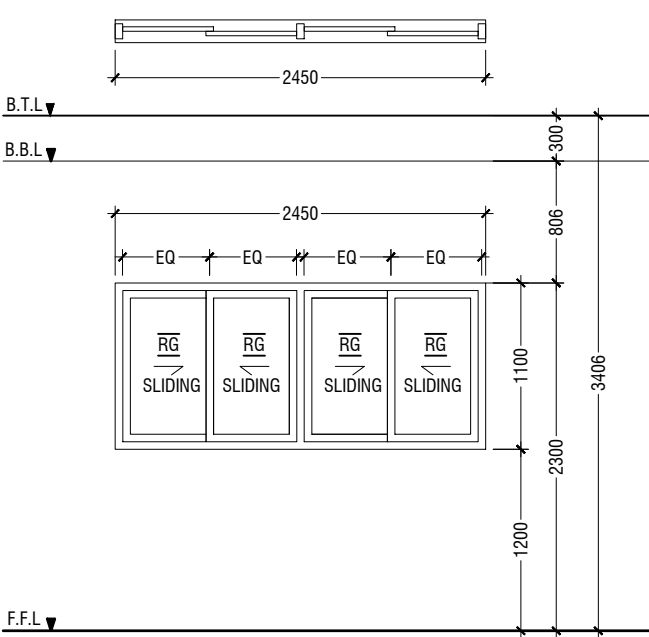
W1	SLIDING WINDOW
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WITH ALUMINIUM PANEL AND REFLECTIVE GLASS
LOCATION	STAFF ROOM, PRINCIPAL'S ROOM & LEADING TEACHER'S ROOM
QUANTITY	03 NOS
OPEN AREA	0.71 sqm

Th.Burunee School Admin Building
Ministry of Education

Project Number: RI/2017/012
Date: March 2021
Architect: Rizana Anis
Designer: Azeem
Drawn by: Mariyam Leeyan Jaleel
Services: Ashraf Ahmed
Interior :-

Rev no
Date

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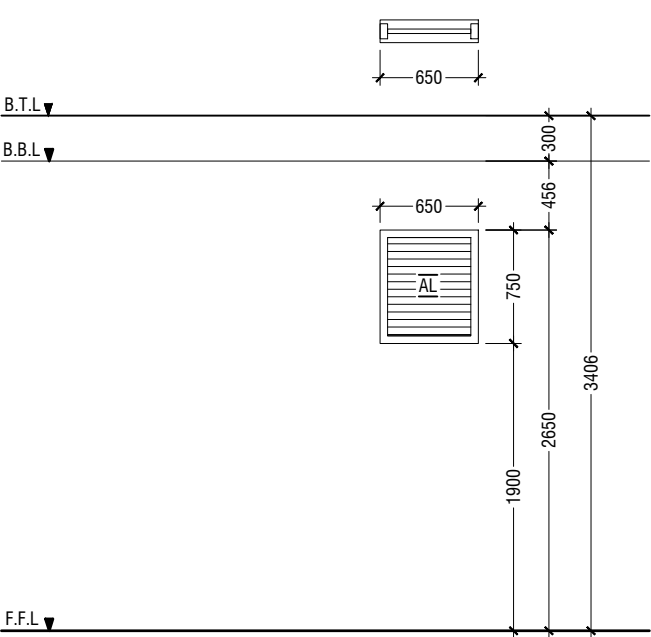
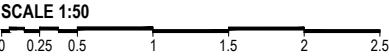


W2	SLIDING WINDOW
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH REFLECTIVE GLASS
LOCATION	STAFF ROOM & LEADING TEACHER'S ROOM
QUANTITY	06 NOS
OPEN AREA	1.10 sqm

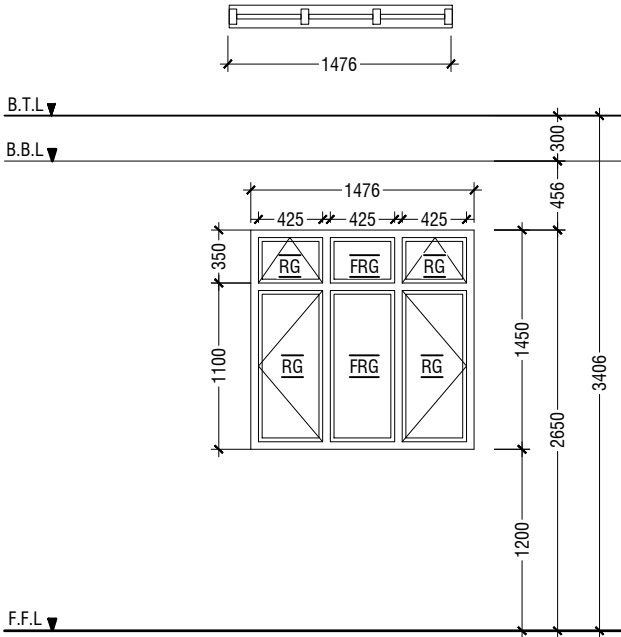
LEGEND:
RG - REFLECTED GLASS
AL - ALUMINIUM

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



W3	WINDOW WITH ALUMINIUM LOUVERS
REMARKS	50mm THICK WHITE POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH ALUMINIUM LOUVERS
LOCATION	STAFF TOILET - 1 & PRINTING ROOM
QUANTITY	01 NOS
OPEN AREA	0.36 sqm



W4	SWING WINDOWS & FIXED WINDOW
REMARKS	50mm THICK POWDER COATED (60 MICRONS) ALUMINUM FRAMED WINDOW WITH REFLECTIVE GLASS
LOCATION	ADMINISTRATOR ROOM & SUPERVISOR ROOM
QUANTITY	02 NOS
OPEN AREA	1.11 sqm

Th.Burunee School Admin Building
Ministry of Education

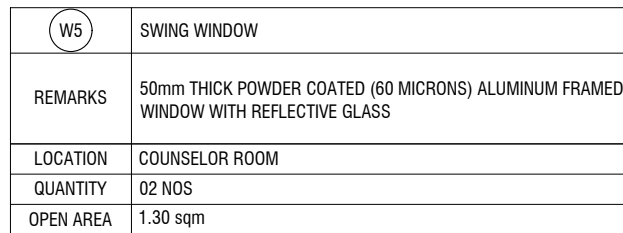
Project Number: BL/2017/012
Date: March 2021
Architect: Rizwan Arif
Engineer: Ahsan Ali, Zeeshan
Drawn by: Mariyam Leeqan Jaleel
Services: Ahsan Ahmed
Interior :-



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3rd Floor, H. Azam, Armeenemagaya, Male'

Title: Door Window Schedule



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.

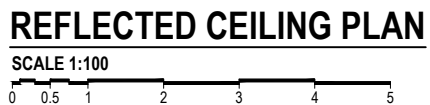
- FOR ALL THE WINDOWS PUT A SILL BEAM BELOW THE WINDOW (SB)
- FOR SAFETY PURPOSES REFER TO TECHNICAL SPECIFICATIONS FOR GLASS THICKNESS.

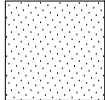
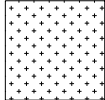
SCALE 1:50

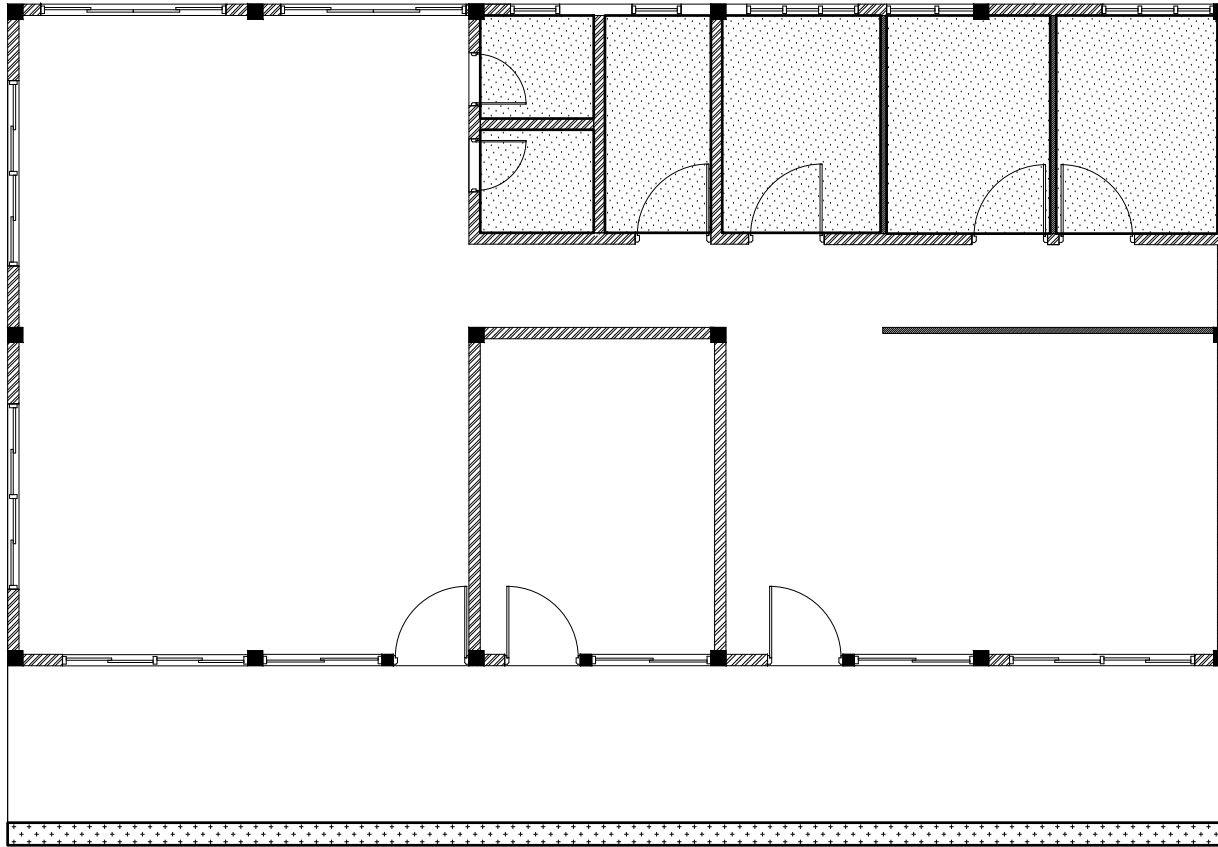
A horizontal scale bar with major tick marks at 0, 0.25, 0.5, 1, 1.5, 2, and 2.5. The text 'SCALE 1:50' is positioned above the bar.

Room name/ Number		Room Areas (sqm) (Specify centre to centre or clear)	Window (opening) number	Required opening areas (sqm)	Designed opening areas (sqm)	Open %
	Ground Floor					
1	STAFF ROOM	50.31	D1, W1, 5W2	5.031	8.24	16.38%
2	PRINCIPAL'S ROOM	12.95	D1 & W1	1.295	2.74	21.16%
3	LEADING TEACHER'S ROOM	21	D1, W1 & W2	2.1	3.84	18.29%
4	ADMINISTRATOR ROOM	6.12	W4	0.612	1.11	18.14%
5	COUNSELOR ROOM	6.23	W5	0.623	1.3	20.87%
6	SUPERVISOR ROOM	6.24	W4	0.624	1.11	17.79%
7	PRINTING ROOM	4.03	W5	0.403	1.3	32.26%
8	STAFF TOILET - 1	2.07	W3	0.207	0.36	17.39%
9	STAFF TOILET - 2	2.07	MECHANICAL			

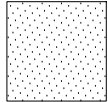
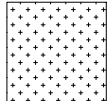
NOT TO SCALE



CODE	DESCRIPTION
	FIXED 'BORAL' OR EQUIVALENT PLASTERBOARD CEILING SYSTEM WITH TIMBER FRAMING, APPLIED WITH GROUND SMOOTH FINISH IN SELECTE D PAINT CEILING HEIGHT : +3106mm
	CEMENT BOARD ON ROOF EAVE/GABLE CEILING



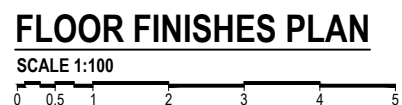
LEGEND

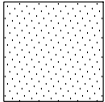

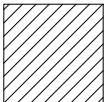
CODE	DESCRIPTION
	FIXED 'BORAL' OR EQUIVALENT PLASTERBOARD CEILING SYSTEM WITH TIMBER FRAMING, APPLIED WITH GROUND SMOOTH FINISH IN SELECTE D PAINT CEILING HEIGHT : + 3106mm
	CEMENT BOARD ON ROOF EAVE/GABLE CEILING

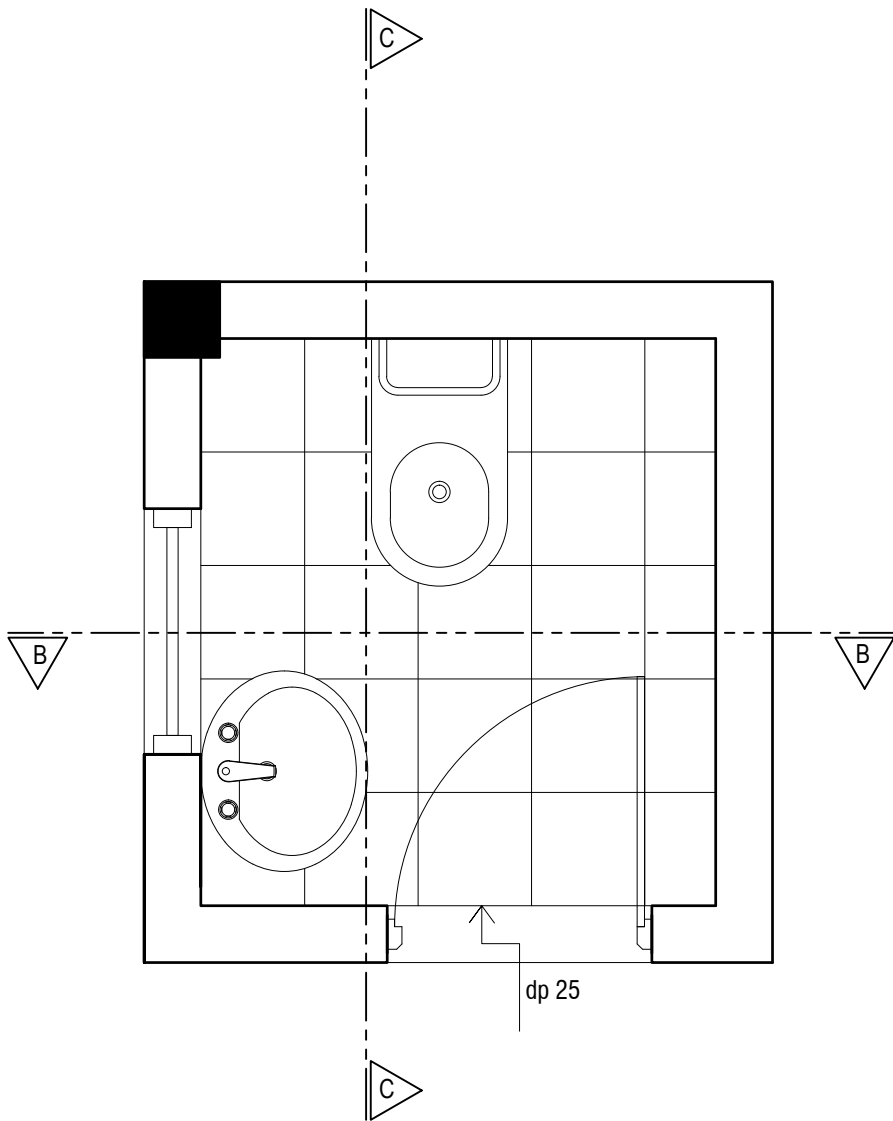
REFLECTED CEILING PLAN (AREAS WHICH HAVE NOT BEEN COMPLETED)

SCALE 1:100





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



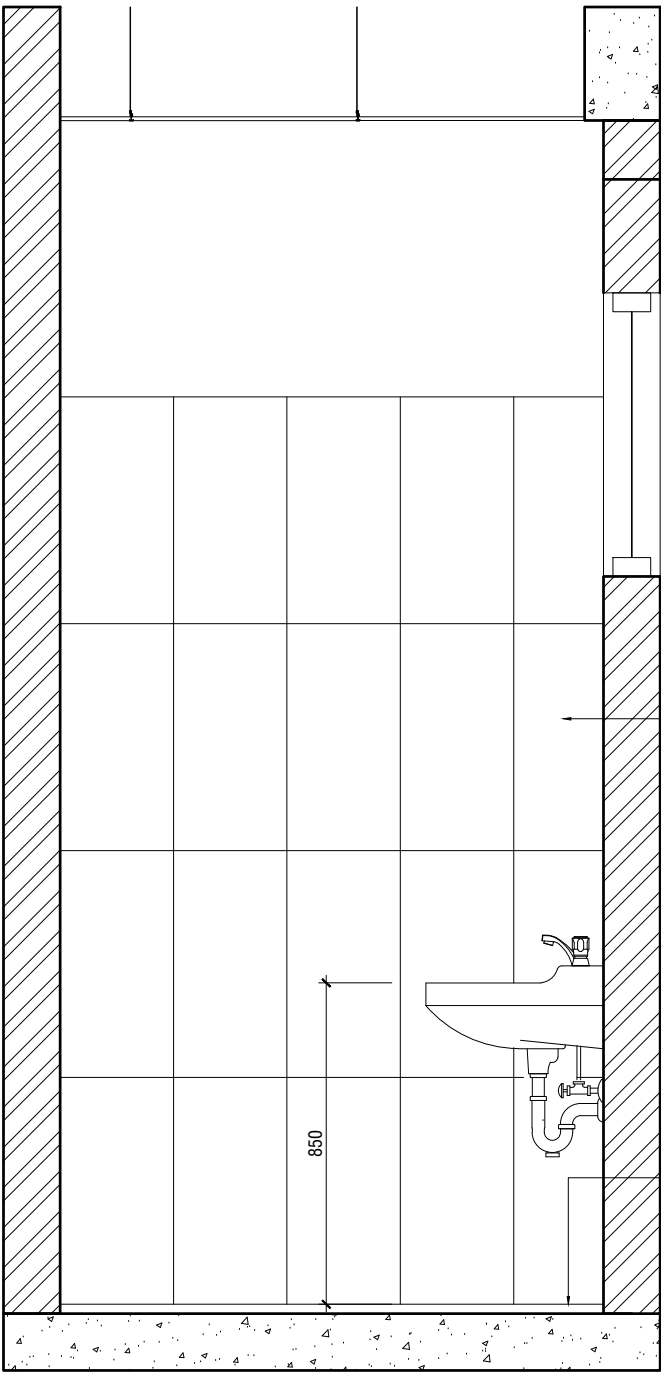
PLAN

SCALE 1:20



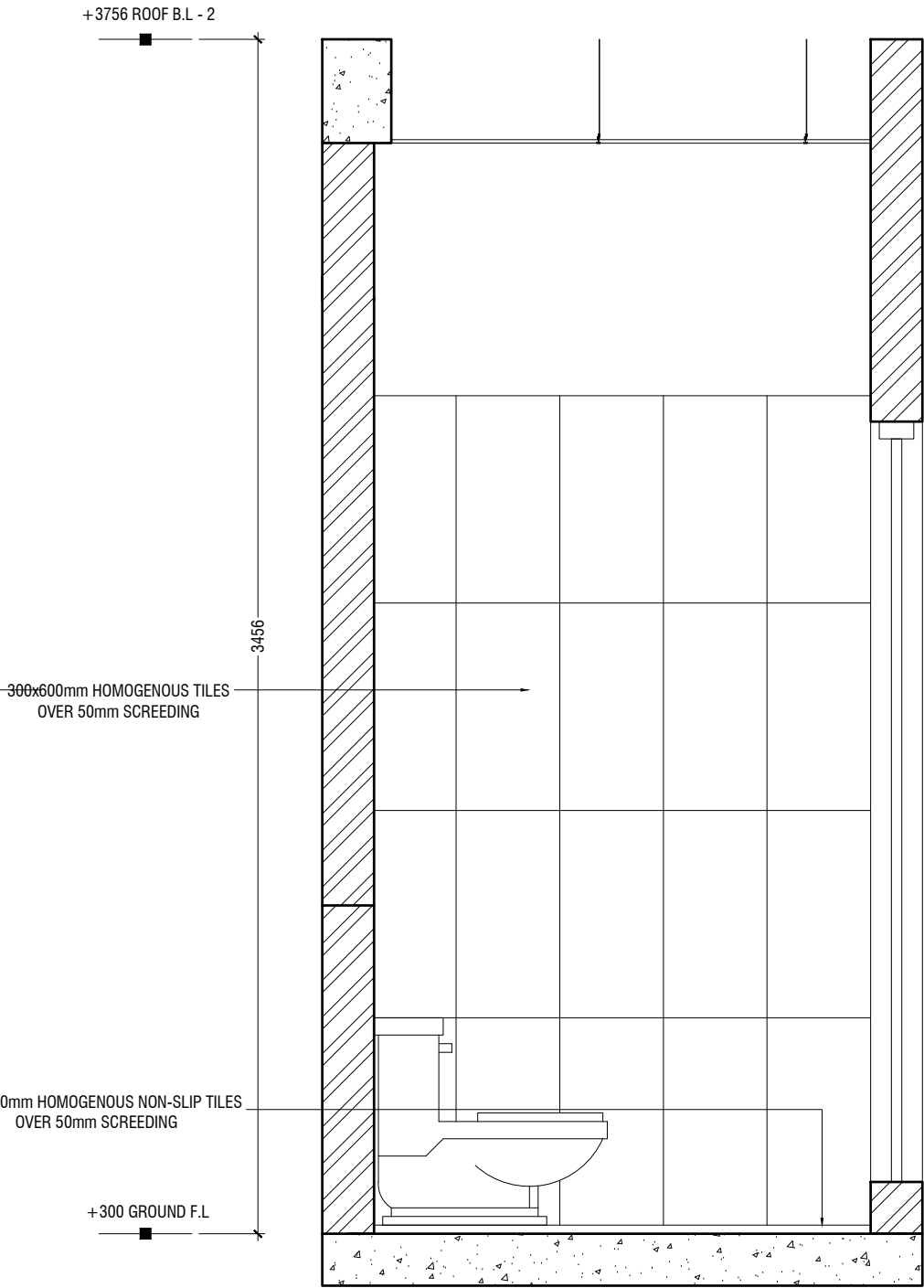
TOILET DETAIL (TYPICAL)

SCALE 1:20



SECTION B-B

SCALE 1:20



SECTION C-C

SCALE 1:20



Th. Burunee School Admin Building
Ministry Of Education

Project Number: RI/2017/012
Date: March 2021

Architect : Razana Amir
Engineer : Ahmed Zuhair Zaeem
Drawn by : Mariyam Leevan Jaleel
Services : - Aishath Ahmed

Rev no	Date
1	
2	
3	

NOTE:

COLUMN SIZES

C1 : 200x200 mm
C2 : 200x200 mm
SC : 150x150 mm
COVER : 40mm

FOUNDATION PAD SIZES

	DIMENSION	REINFORCEMENT
F1	700 x 700 x 300	T12@200 C/C B/W (B)
F2	850 x 850 x 300	T12@150 C/C B/W (B)

FOUNDATION DEPTH : 900mm 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

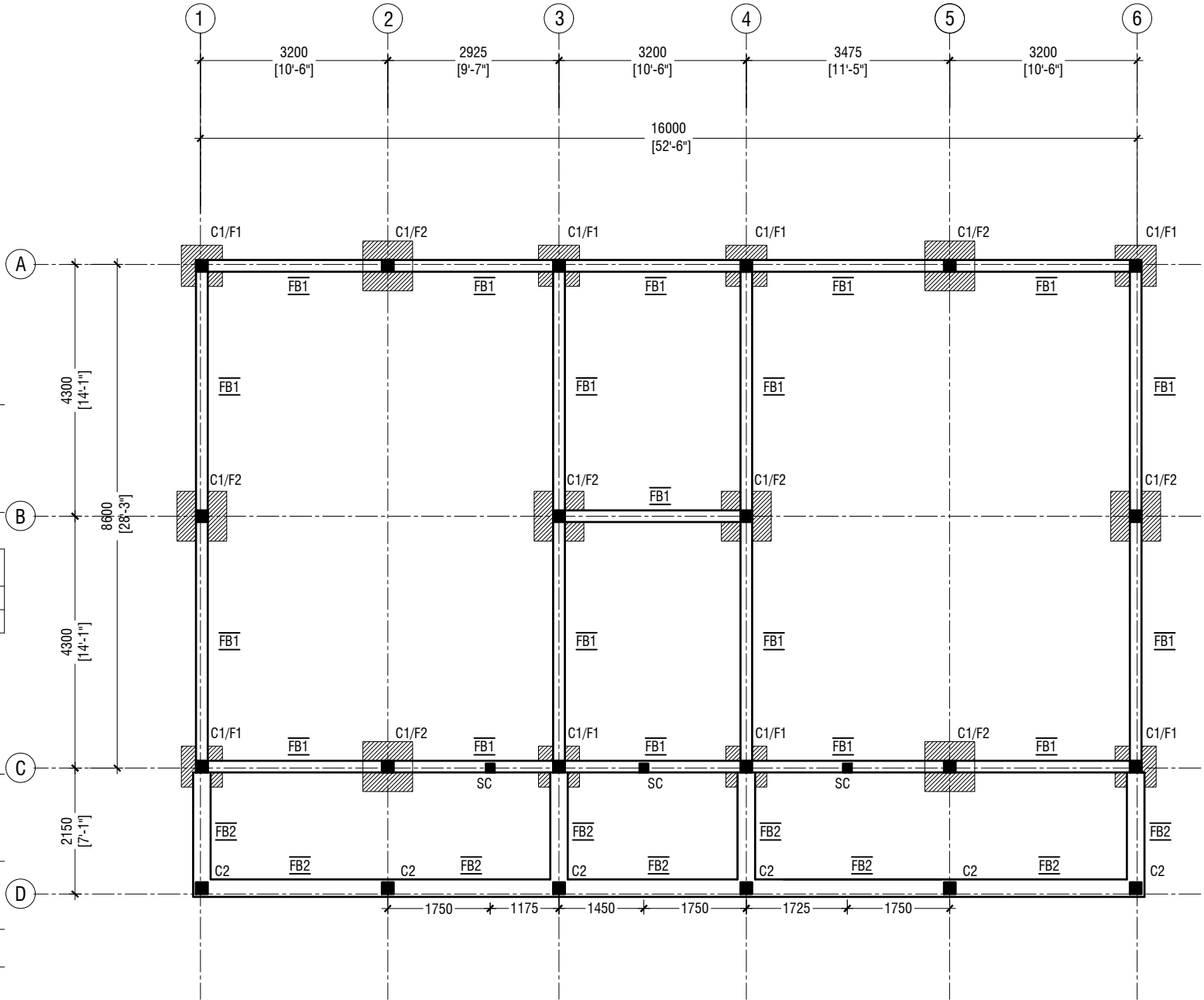
FB1 : 200w x 300h mm
FB2 : 300w x 200h mm
COVER : 50mm

GROUND SLAB : 150mm THK RC SLAB ON FILL
REINFORCED WITH T10@200 mm C/C
SINGLE LAYER B/W

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

FOUNDATION PLAN

SCALE 1:100



Th.Burnee School Admin Building
Ministry of Education

Project Number: RI/2017/012
Date: March 2021
Architect: Razana Anis
Engineer: Md. Zahidul Islam
Drawn by: Meriam Leewan Jaleel
Services: Ashraf Ahmed
Interior :-

Rev no Date



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3rd Floor, H. Azam, Ameermeegha, Male'

Title: Foundation Plan

Page: S-01/07

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NOTE:

COLUMN SIZES

C1 : 200x200 mm
C2 : 200x200 mm
SC : 150x150 mm
COVER : 35-40mm

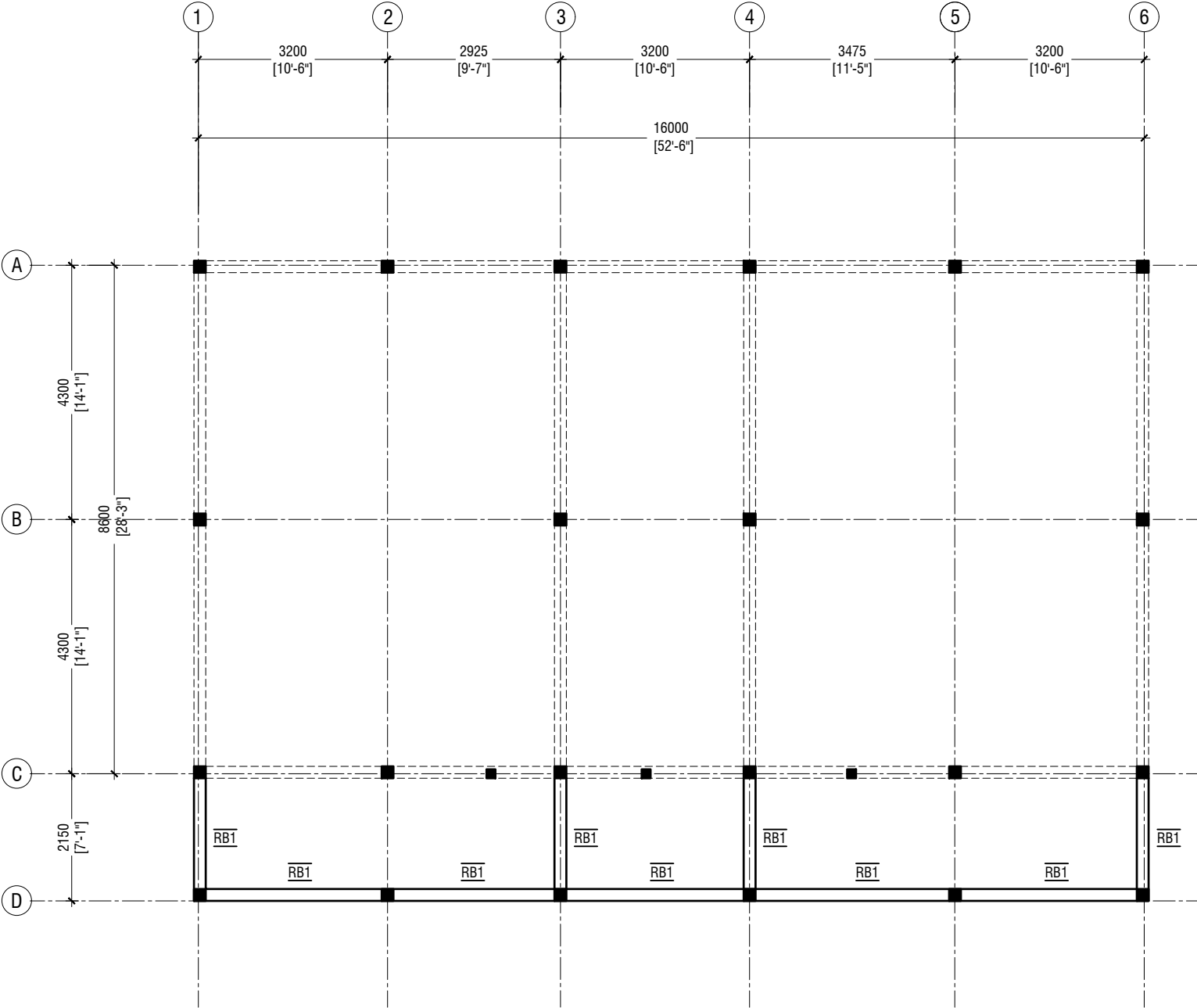
BEAM SIZES

RB1 : 200x300 mm
COVER : 35mm

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

ROOF BEAM - 1 @3.2M FROM F.F.L LAYOUT PLAN

SCALE 1:100



Th.Burunee School Admin Building
Ministry of Education

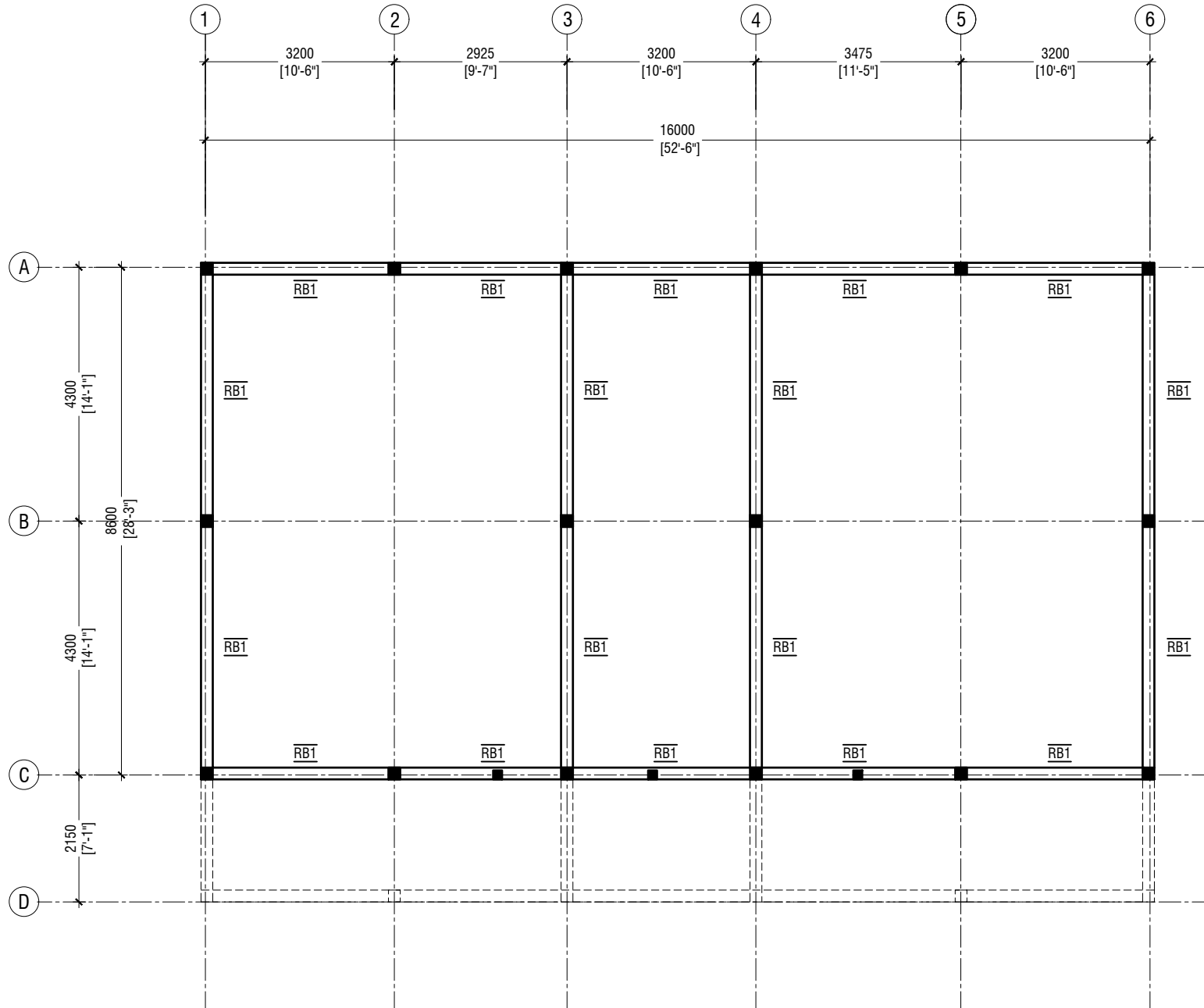
Rev no	Date
01	2021
02	2021
03	2021
04	2021
05	2021

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3rd Floor, H. Azam, Armeenemagaya, Malé

Title: Roof Beam - 1
Layout Plan

Page: S-02/07

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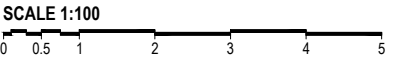
NOTE:

COLUMN SIZES
 C1 : 200x200 mm
 C2 : 200x200 mm
 SC : 150x150 mm
 COVER : 35-40mm

BEAM SIZES
 RB1 : 200x300 mm
 COVER : 35mm

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

ROOF BEAM - 2 @3.75M FROM F.F.L LAYOUT PLAN



Th.Burunee School Admin Building
 Ministry of Education

Rev no	Date
1	2017/01/12
2	2017/03/27
3	2017/03/27
4	2017/03/27
5	2017/03/27
6	2017/03/27
7	2017/03/27
8	2017/03/27
9	2017/03/27
10	2017/03/27

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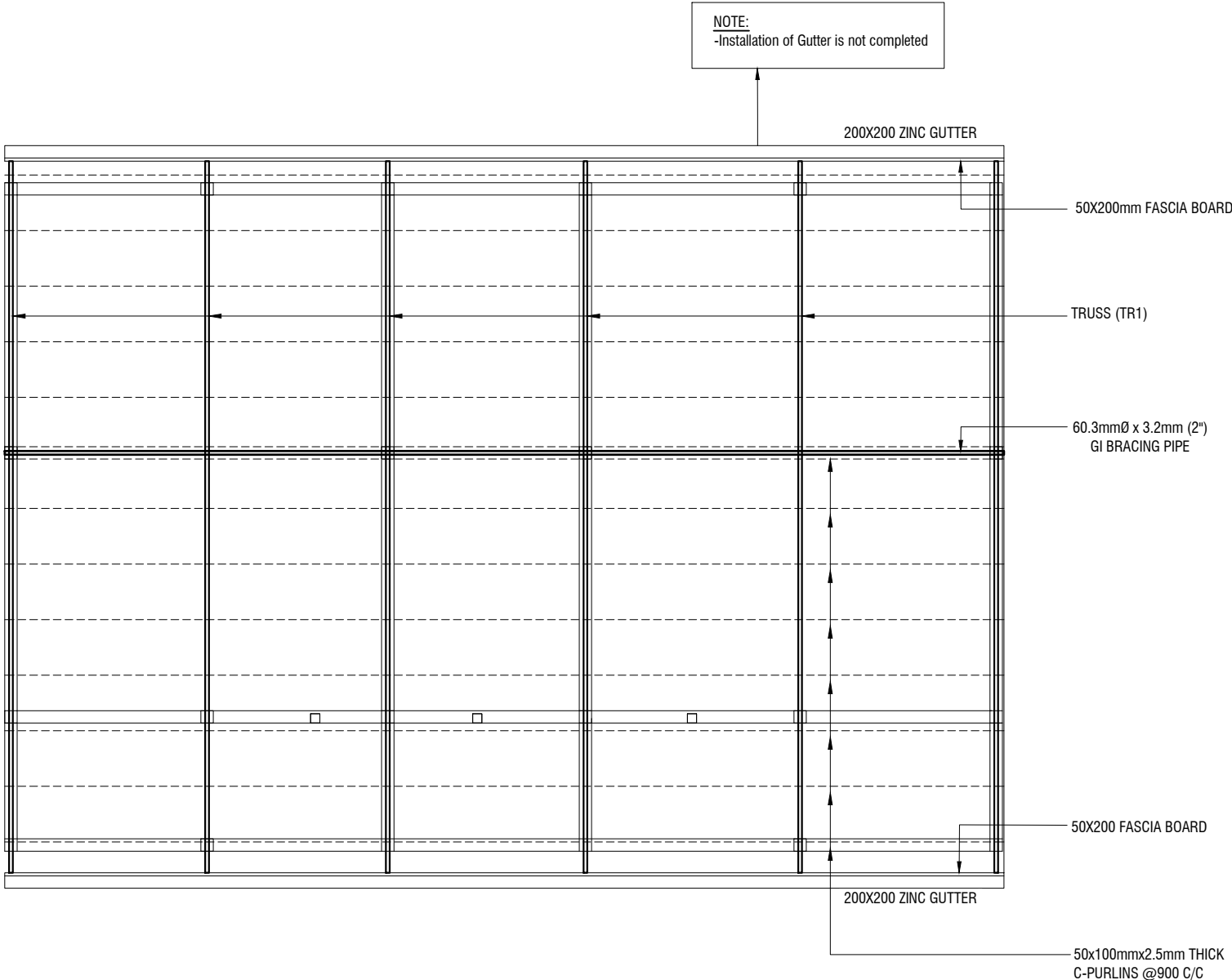
Title: Roof Beam - 2
 Layout Plan

Page: S-03/07

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ROOF FRAMING PLAN

SCALE 1:100



Th.Burnee School Admin Building
Ministry of Education

Rev no	Date
01	2021/03/01
02	2021/03/01
03	2021/03/01
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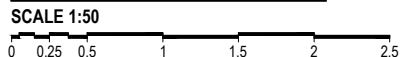
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Title: Roof Framing Plan

Page: S-04/07

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Project Number: RI/2017/012	Rev no	Date
Date: March 2021	01	10-03-2021
Architect : Razana Amir	02	10-03-2021
Engineer : Ahmed Zuhail Zaeem	03	10-03-2021
Drawn by : Maryam Leevan Jaleel	04	10-03-2021
Services : Aishath Ahmed	05	10-03-2021
Interior : -	06	10-03-2021



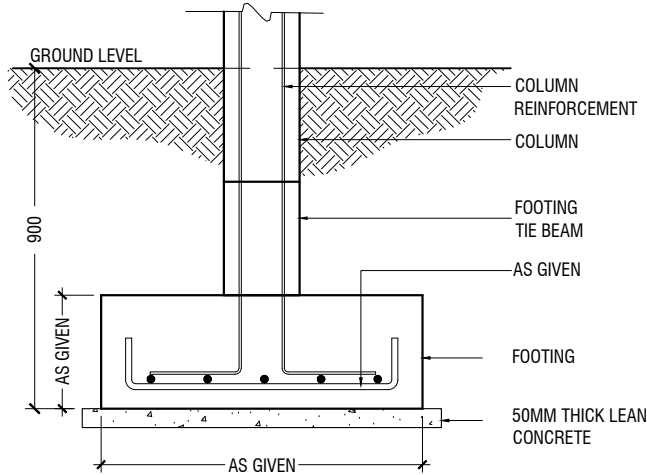
	DIMENSION	REINFORCEMENT
F1	700 x 700 x 300	T12@200 C/C B/W (B)
F2	850 x 850 x 300	T12@150 C/C B/W (B)

FOUNDATION DEPTH = 900mm

NOTE:-
COVER TO FOUNDATION = 50mm
COVER TO COLUMNS = 40mm
COVER TO BEAMS = 40mm

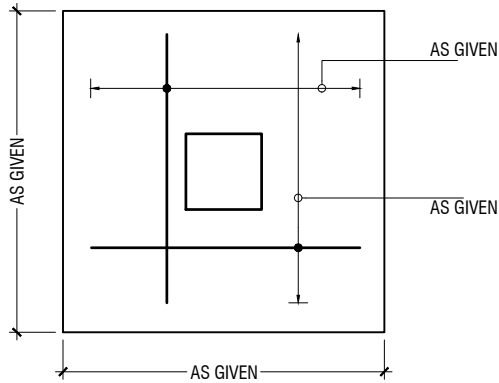
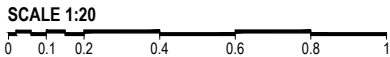
MIX RATIO = 1:2:3 (CEMENT : SAND : AGGREGATE)

FOUNDATION PADS

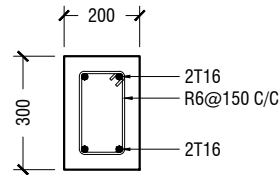


SECTION

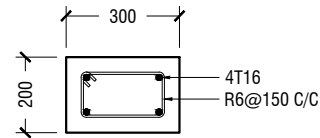
FOOTING DETAILS



PLAN

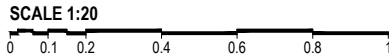


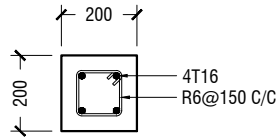
FB1



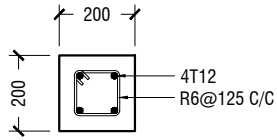
FB2

FOUNDATION BEAM DETAILS

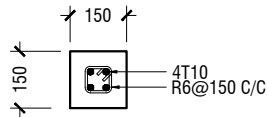




C1



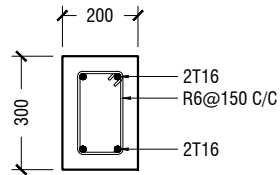
C2



SC

COLUMN DETAILS

SCALE 1:20



RB1

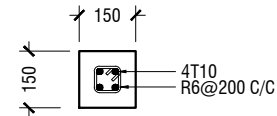
ROOF BEAM DETAIL

SCALE 1:20



STRUCTURAL DETAILS

SCALE 1:20



LT1

LINTELS OVER ALL DOORS, WINDOWS
(THAT DOES NOT RISE TO ROOF BEAM LEVEL)

LINTEL/SILL BEAM DETAIL

SCALE 1:20



Th.Burunee School Admin Building
Ministry of Education

Rev no	Date
01	2021/03/27
02	2021/03/27
03	2021/03/27
04	2021/03/27
05	2021/03/27
06	2021/03/27
07	2021/03/27
08	2021/03/27
09	2021/03/27
10	2021/03/27

Project Number: BL/2017/012
Date: March 2021
Architect: Rizana Anil
Engineer: Zeem
Drawn by: Meriyam Leeyan Jaleel
Services: Ashraf Ahmed
Interior: -



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Title: Structural Details

Page: S-07/07

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