

Proposed Safe Room
(Single Storey)

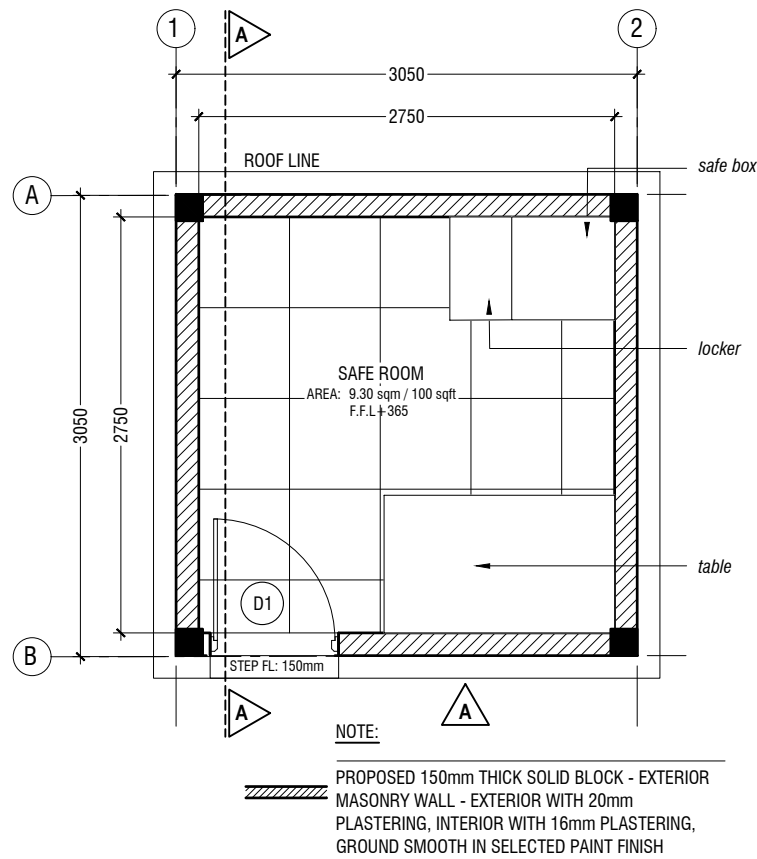
ARCHITECTURAL & STRUCTURAL DRAWINGS

Client: Ministry of Education



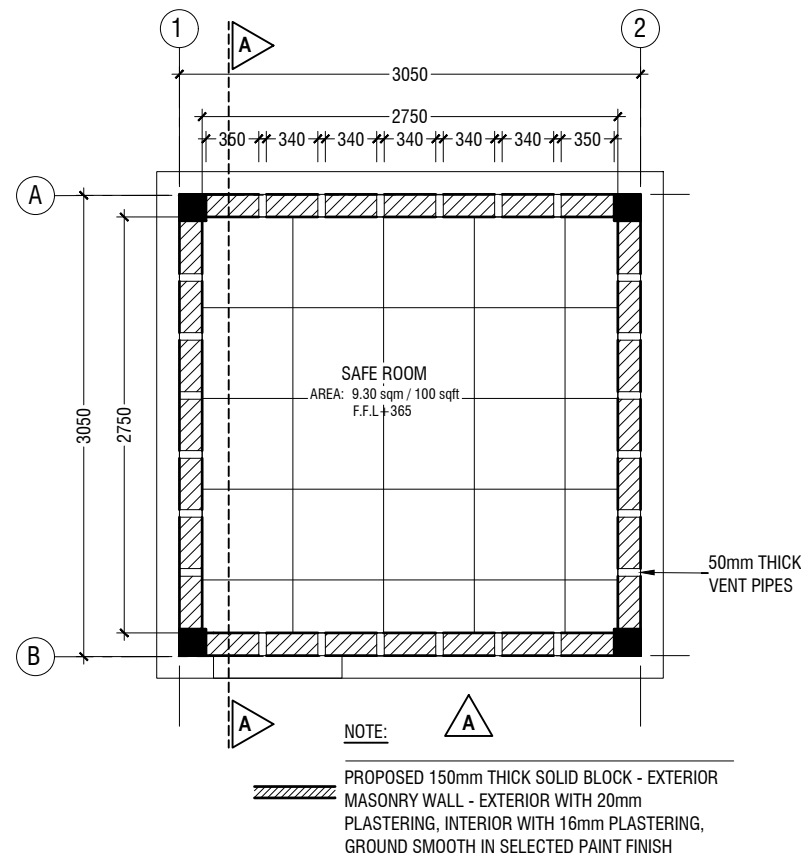
RIYAN PRIVATE LIMITED

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



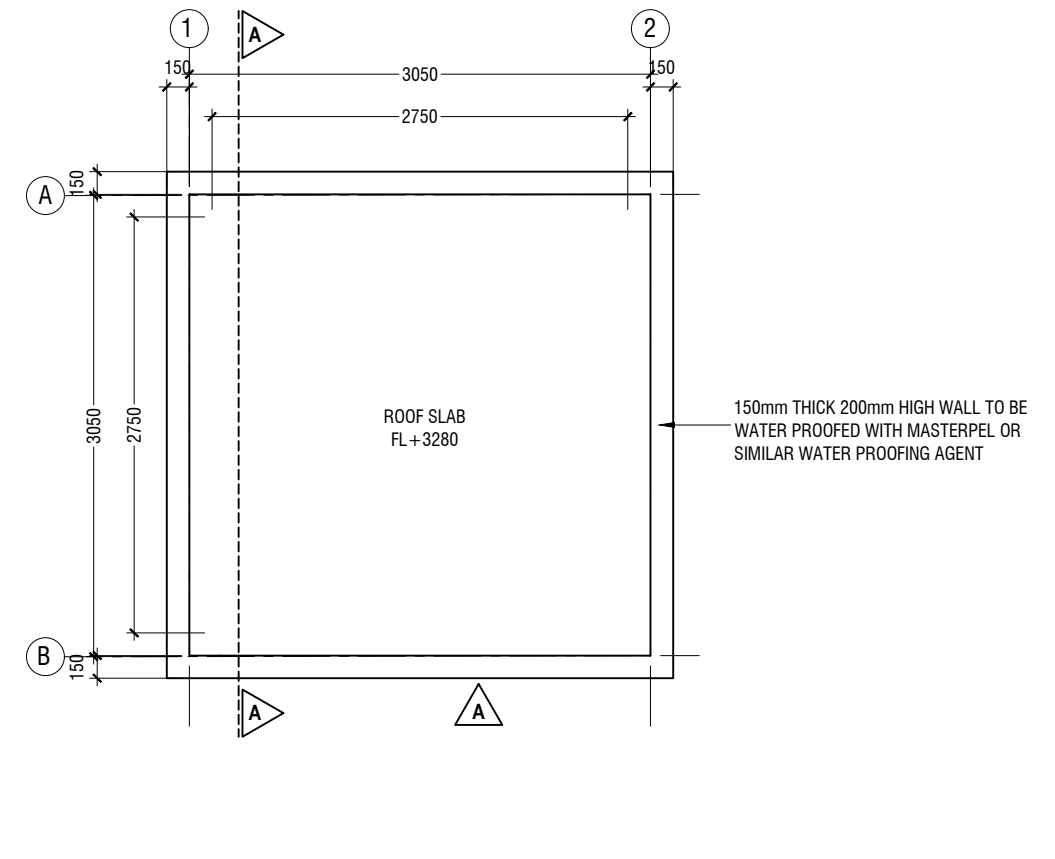
SECURE ROOM - PLAN

SCALE 1:50



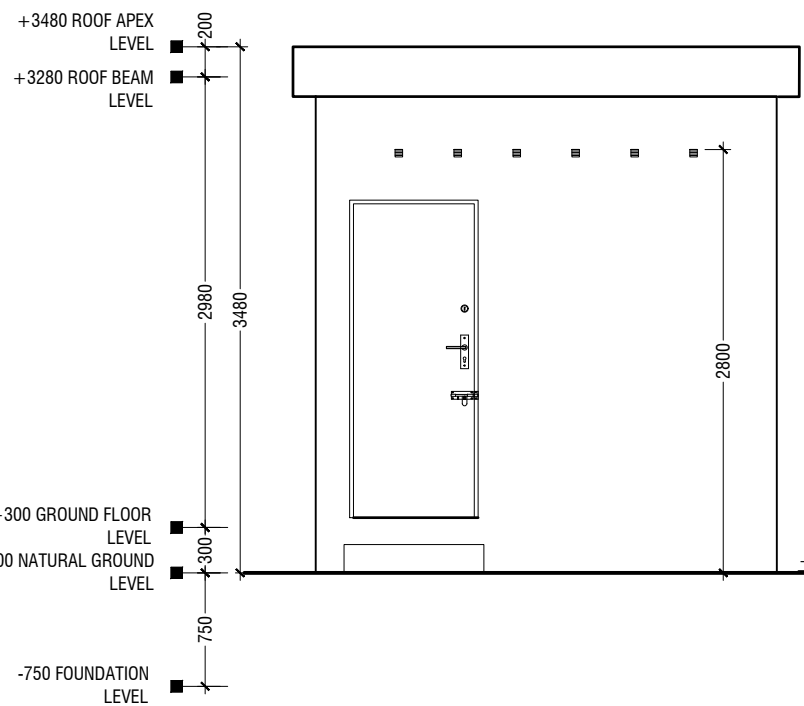
VENT PIPE- PLAN (+2800)

SCALE 1:50



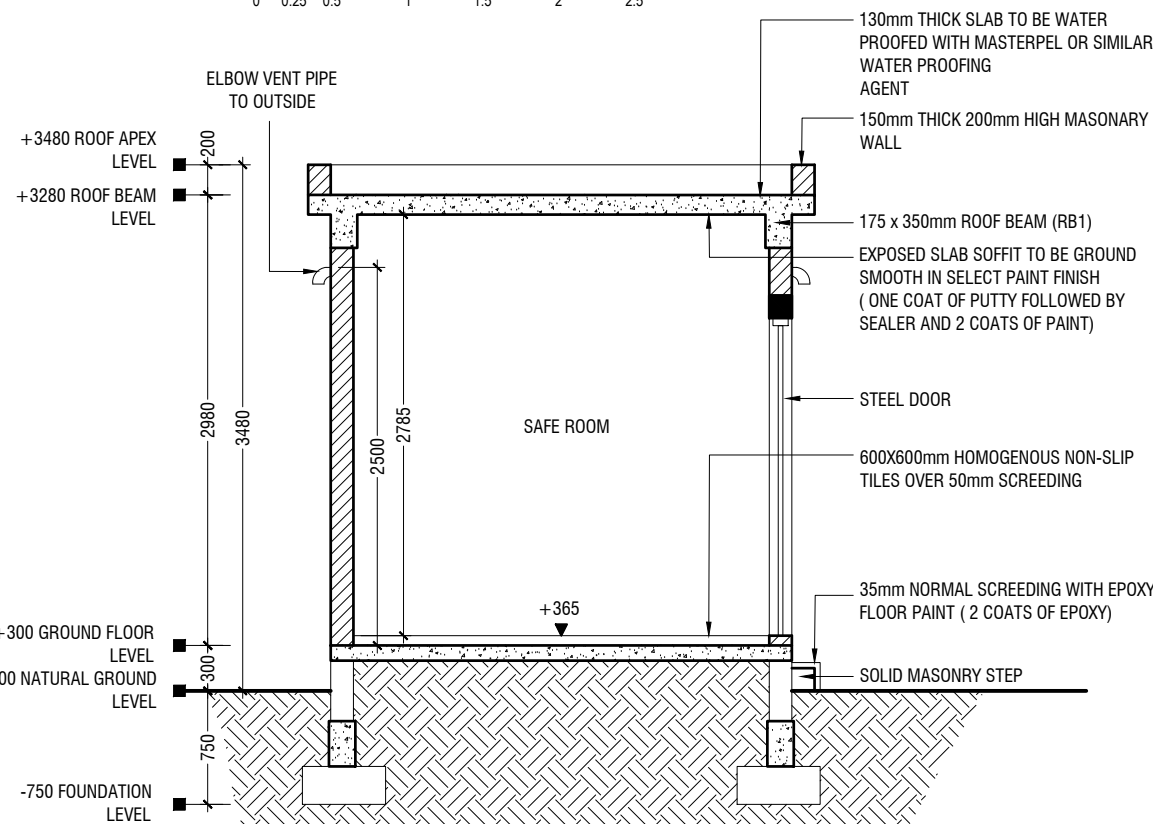
SECURE ROOM - PLAN

SCALE 1:50



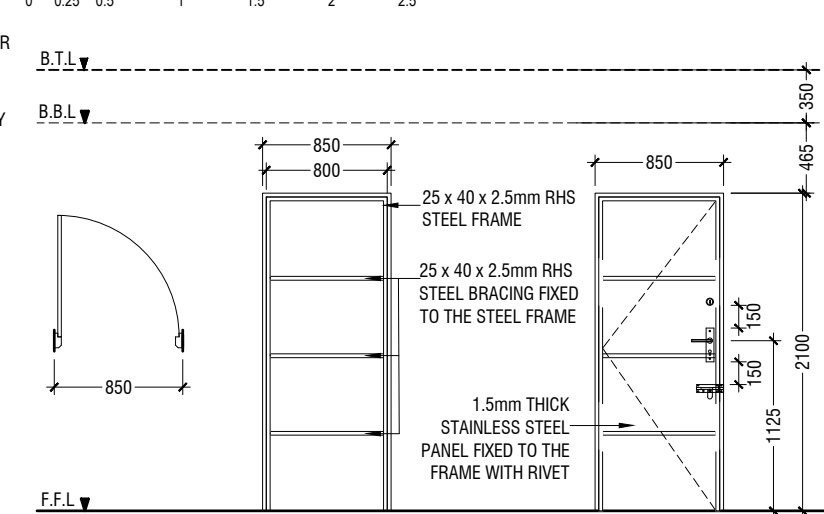
ELEVATION A- A

SCALE 1:50



SECTION A- A

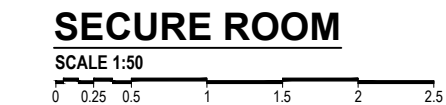
SCALE 1:50



D1	SWING DOOR
REMARKS	25 x 40 x 2.5mm RHS THICK STEEL FRAMED WITH STEEL PANEL STEEL DOUBLE LOCK, BIRD LOCK AND PAD LOCK
LOCATION	SECURE ROOM
QUANTITY	01 NOS
OPEN AREA	1.66 sqm

DOOR SCHEDULE

SCALE 1:50



SECURE ROOM

SCALE 1:50

SAFE ROOM (Single Story)

Project Number: RI/2017/012	Date
Date: February 2021	Architect: Mariyam Irasha
Engineer: Mohamed Muhtalib Waleed	Drawn by: Mariyam Leevan Jaleel
Services: Aishath Ahmed	Interior:



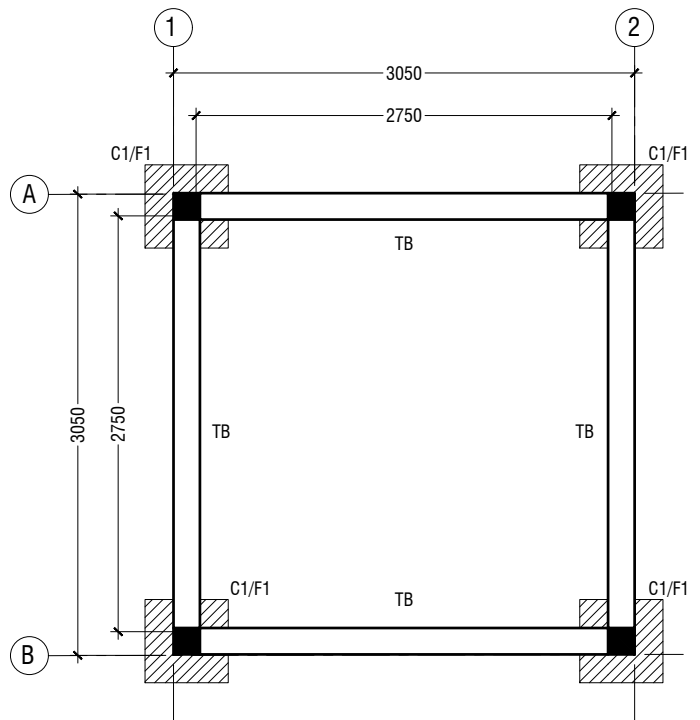
RYAN PRIVATE LIMITED

t: +9603315049 f: +9603310776
e: info@ryan.com.mv
w: www.ryan.com.mv
3rd floor, H. Azum, Ameenemagu, Malé

Title: Architectural Details

Page: A-01/01

The contents of these drawings remain as a property of RYAN PRIVATE LIMITED. Any use other than those expressly stated is a violation of this copyright.



NOTE:

COLUMN SIZES
 C1 : 175x175 mm
 COVER : 40mm

FOUNDATION PAD SIZES

	DIMENSION	REINFORCEMENT
F1	550 x 550 x 250	T10@150 C/C B/W (B)

FOUNDATION DEPTH : 750mm BELOW GROUND LEVEL

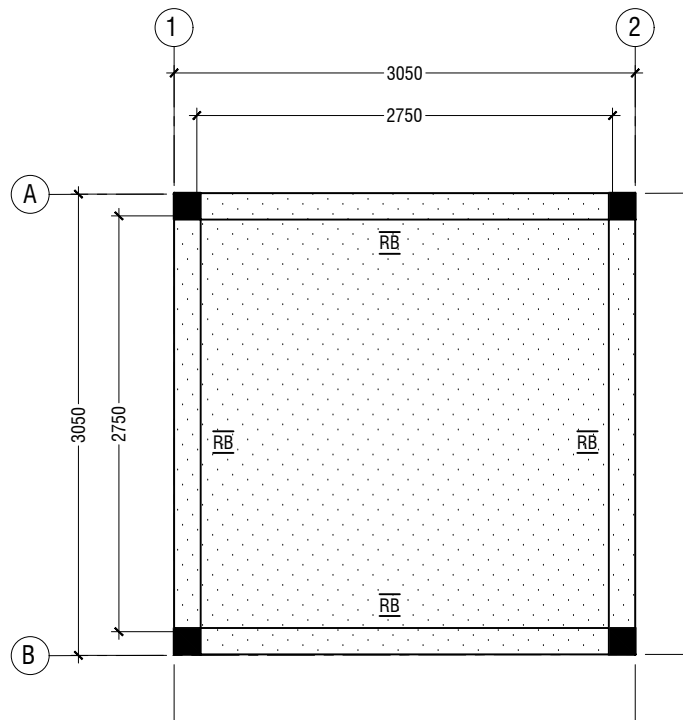
ALL FOOTINGS ARE TO BE LAID ON TOP OF 50mm THICK LEAN CONCRETE
 APPLY WATER PROOFING TO SUBSTRUCTURE (BELOW GROUND ELEMENTS)

TIE BEAM SIZES
 TB : 175x300 mm
 COVER : 50mm

GROUND SLAB : 100MM THICK CONCRETE SLAB,
 R6@ 200 C/C BW SINGLE LAYER

GRADE OF CONCRETE M25

FOUNDATION - PLAN
 SCALE 1:50



NOTE
 SLAB THICKNESS - 130 mm
 T10@175 C/C BW T&B

ROOF BEAM & SLAB PLAN
 SCALE 1:50

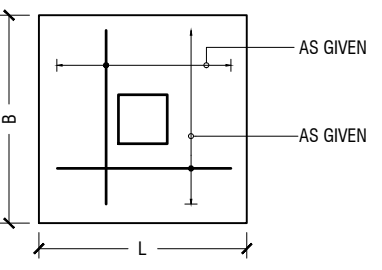
	DIMENSION (LxBxD)	REINFORCEMENT
F1	550 x 550 x 250	T10@150 C/C B/W (B)

FOUNDATION DEPTH = 750mm

NOTE:-
 COVER TO FOUNDATION = 50mm
 COVER TO COLUMNS = 40mm
 COVER TO BEAMS = 35mm

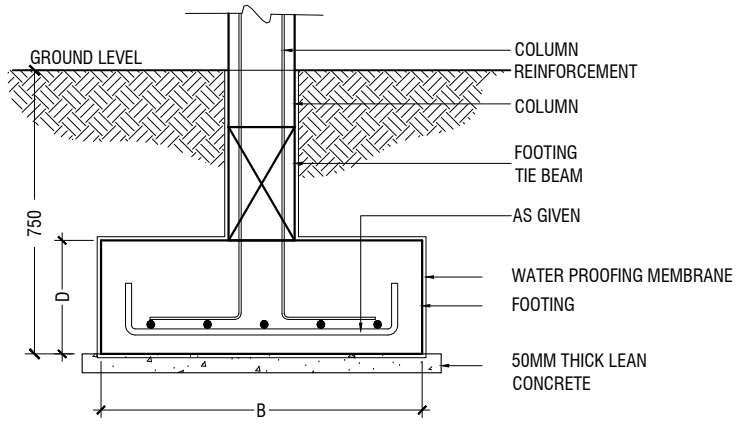
GRADE OF CONCRETE M25

FOUNDATION PADS



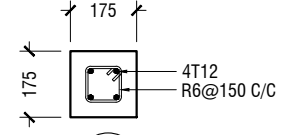
PLAN

STRUCTURAL DETAILS
 SCALE 1:20



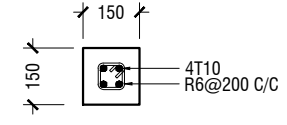
SECTION
FOOTING DETAILS

SCALE 1:20



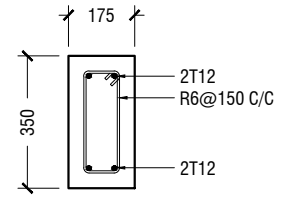
COLUMN DETAILS

SCALE 1:20



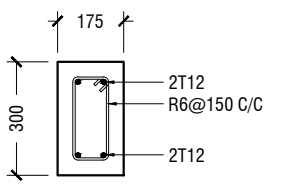
LT1
LINTEL/SILL BEAM DETAIL

SCALE 1:20



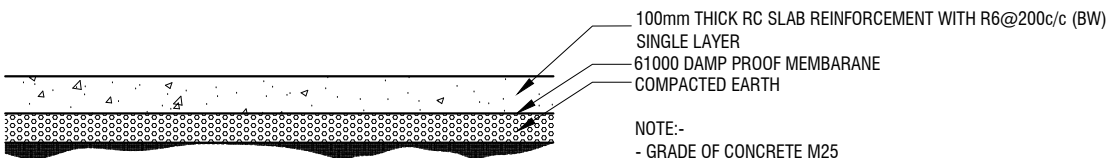
ROOF BEAM DETAIL

SCALE 1:20



FOUNDATION DETAILS

SCALE 1:20



GROUND SLAB DETAIL

SCALE 1:20

NOTE:-
 - GRADE OF CONCRETE M25
 - PROPER WATER PROOFING SHALL BE APPLIED TO ALL UNDERGROUND STRUCTURES (TO CONSULTANTS SPECIFICATIONS)
 -BACKFILLING SHALL BE DONE AS PER TECHNICAL SPECIFICATIONS

Rev no	Date
1	
2	
3	
4	

Project Number: RV/2017/012
 Date: February 2021
 Architect : Mariyam Irasha
 Engineer : Mohamed Muththalib Waleed
 Drawn by : Mariyam Leevan Jaleel
 Services : Alishah Ahmed
 Interior : -

SAFE ROOM (Single Story)

RIYAN PRIVATE LIMITED
 t : +963315049 f : +963310776
 e : info@riyan.com.mv
 w : www.riyan.com.mv
 3rd floor, H. Azum, Ameenemagu, Male'

The contents of these drawings remain as a property of RYAN Private Limited. Any use other than those expressly stated is a violation of this copyright.

Proposed Safe Room
(Single Storey)

SERVICES DRAWINGS

Client: Ministry of Education



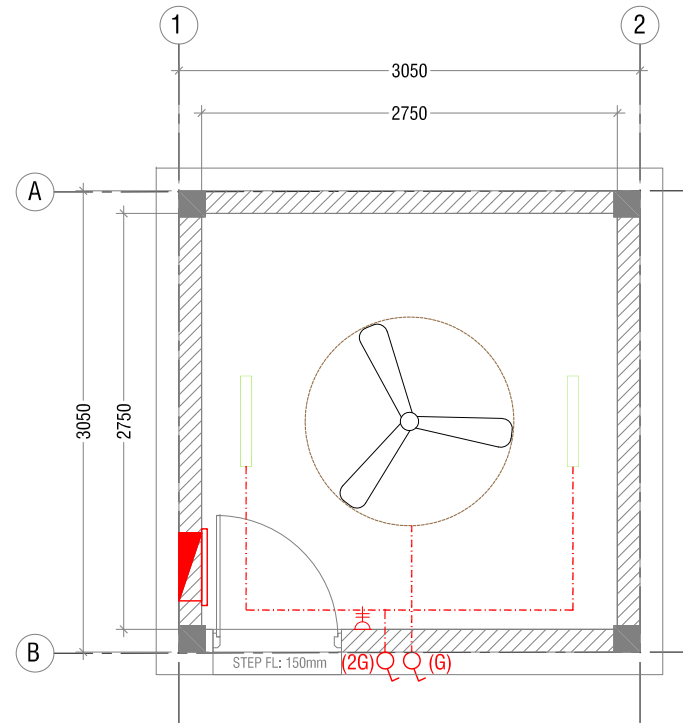
RIYAN PRIVATE LIMITED

t : +9603315049 f : +9603310776

e : info@riyan.com.mv

w : www.riyan.com.mv

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

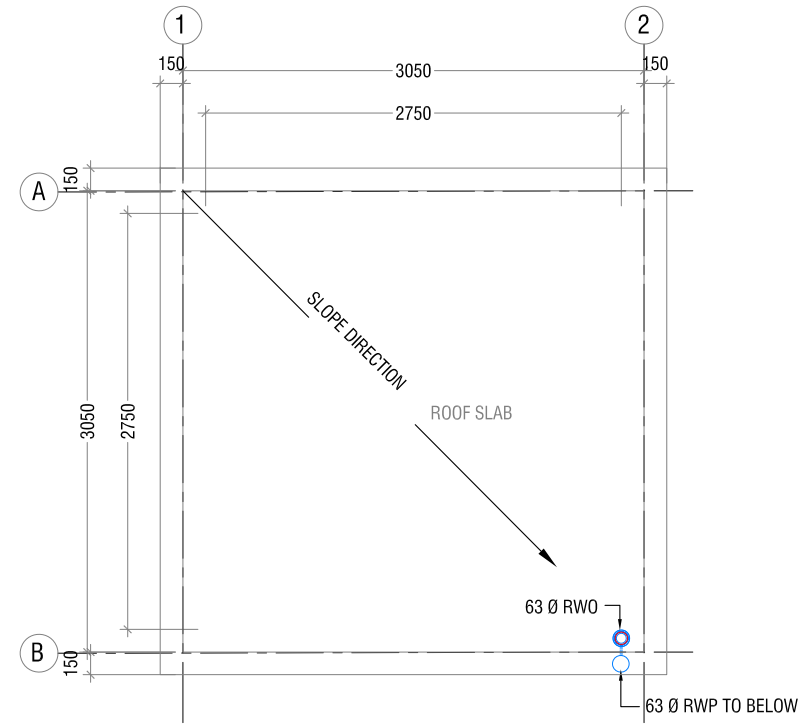


LEGEND

- CL2 LED TUBE LIGHT WITH OPAL CASING
- CEILING FAN (52" - 54")
- DISTRIBUTION BOX
- 13A TWIN SOCKET OUTLET
- LIGHT SWITCH
- SWITCHING LINE

NOTE:

1. ALL WIRING TO BE OF STELCO APPROVED STANDARDS
2. SWITCH CONTROL = 1200MM FROM FLOOR FIN. LEVEL
3. ALL LIGHTING POINTS CONNECTED TO THEIR RESPECTIVE DB
4. POLYCARBONATE ENCLOSURE TO ALL SWITCH AND SOCKET WHICH ARE LOCATED AT THE OUTDOORS
5. SWITCH CONTROL / SOCKET = 1100MM - 1200MM FROM FLOOR FIN. LEVEL



LEGEND

- RWP 63 Ø RAINWATER PIPE
- RWO 63 Ø DRAIN OUTLET

NOTE:
- ALL RAINWATER PIPES TO BE AT GROUND LEVEL DISCHARGED THROUGH A PERFORATED COWL OR TO A SOAK PIT

SECURE ROOM - LIGHTING & POWER LAYOUT

SCALE 1:50



SECURE ROOM - DRAINAGE LAYOUT

SCALE 1:50



**SAFE ROOM
(Single Story)**

Project Number: RI/2017/012
Date: February 2021
Architect: Mariyam Irasha
Engineer: Mohamed Muththallib Walleed
Drawn by: Mariyam Leevan Jaleel
Services: Aishath Ahmed
Interior: -

Rev no

Date



RIYAN PRIVATE LIMITED

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

Title: Services Details

Page: SVC-01/01

The contents of these drawings remain as a property of Riyan Private Limited. Any use other than those expressly stated is a violation of this copyright