

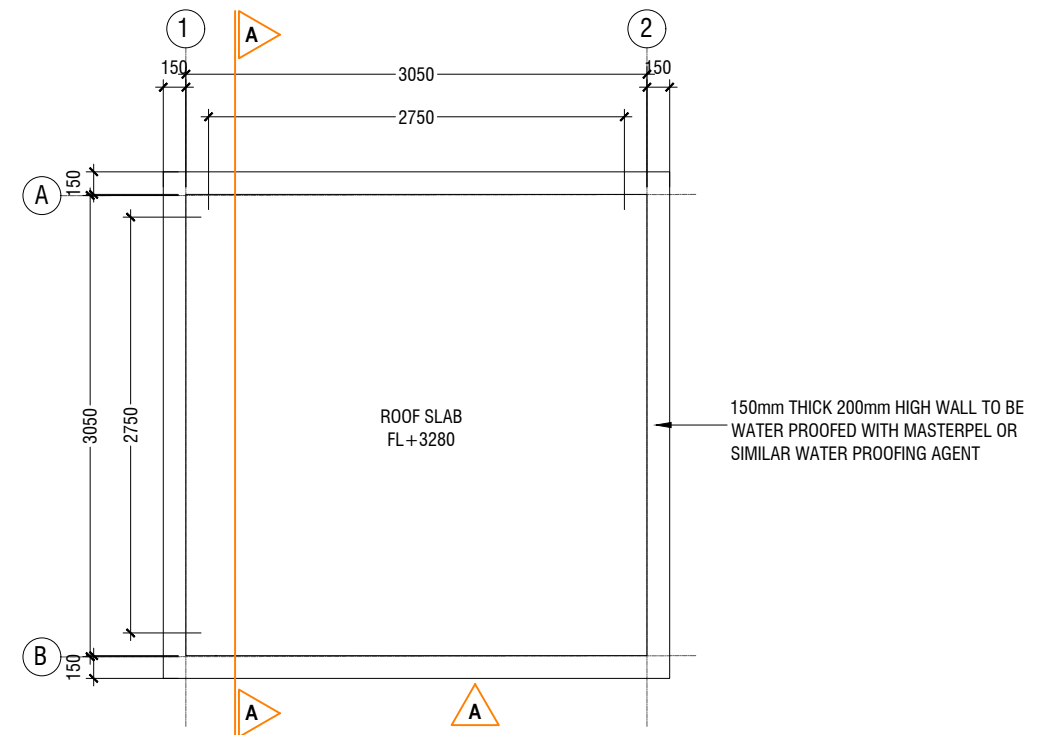
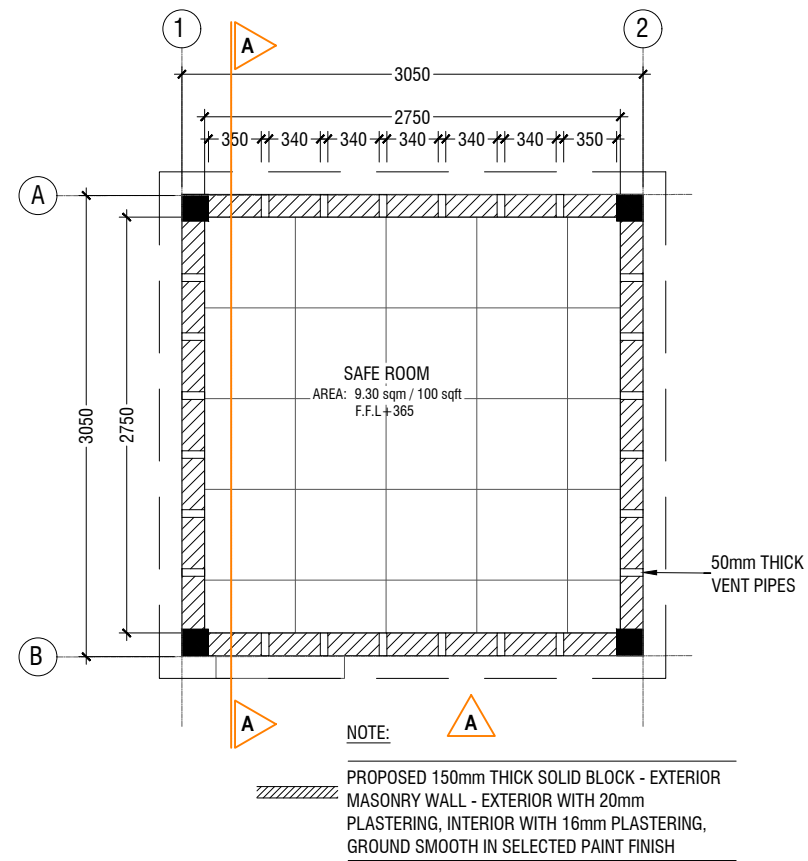
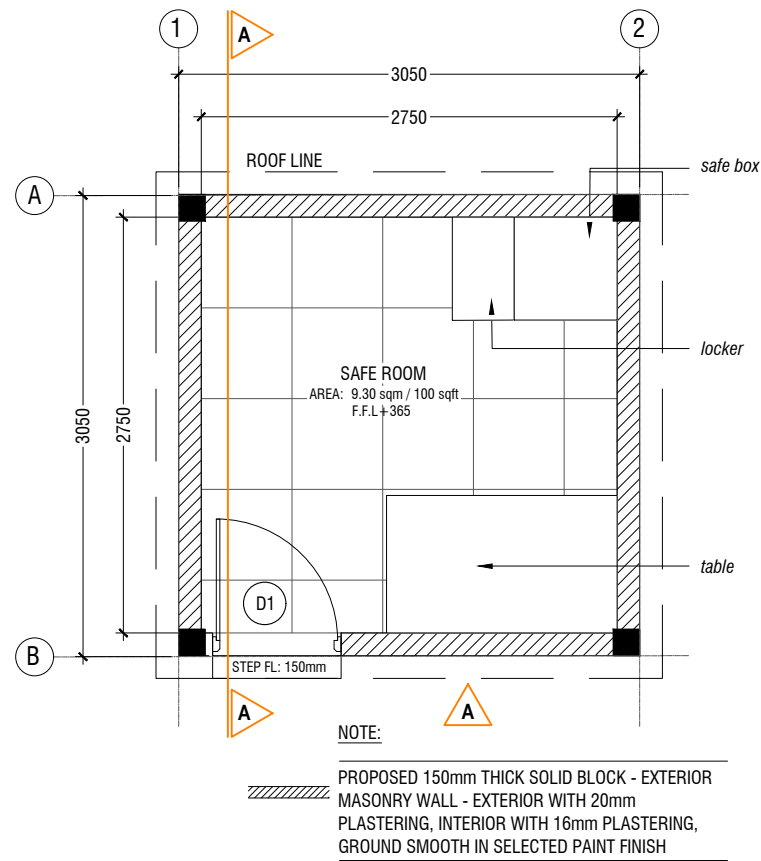


PHYSICAL FACILITIES DEVELOPMENT SECTION

MINISTRY OF EDUCATION, REPUBLIC OF MALDIVES

PROPOSED SAFEROOM - TYPE 1 (SINGLE STOREY)

ARCHITECTURAL & STRUCTURAL DRAWINGS



SECURE ROOM - PLAN

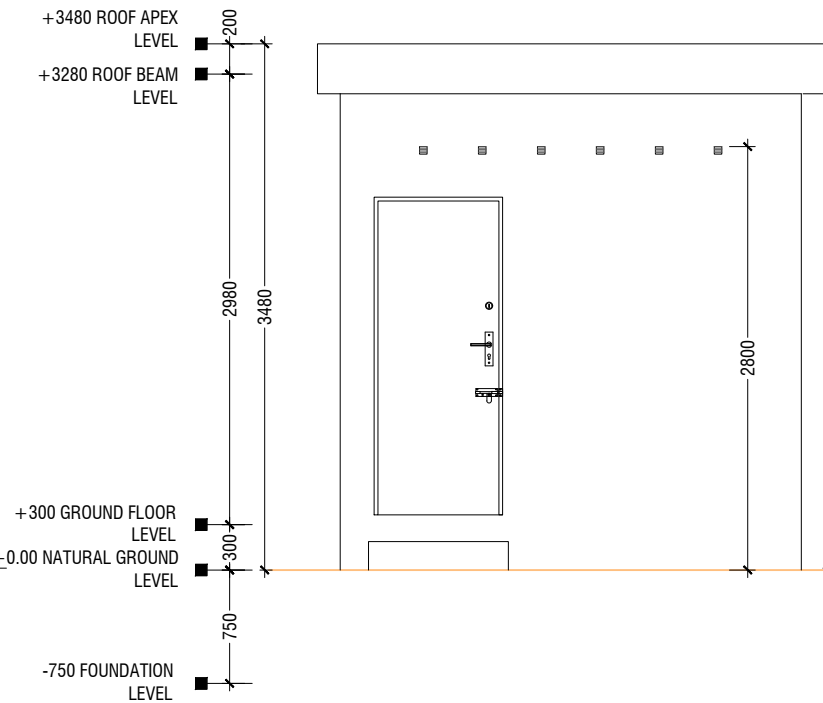
SCALE 1:50

VENT PIPE- PLAN (+2800)

SCALE 1:50

SECURE ROOM - PLAN

SCALE 1:50

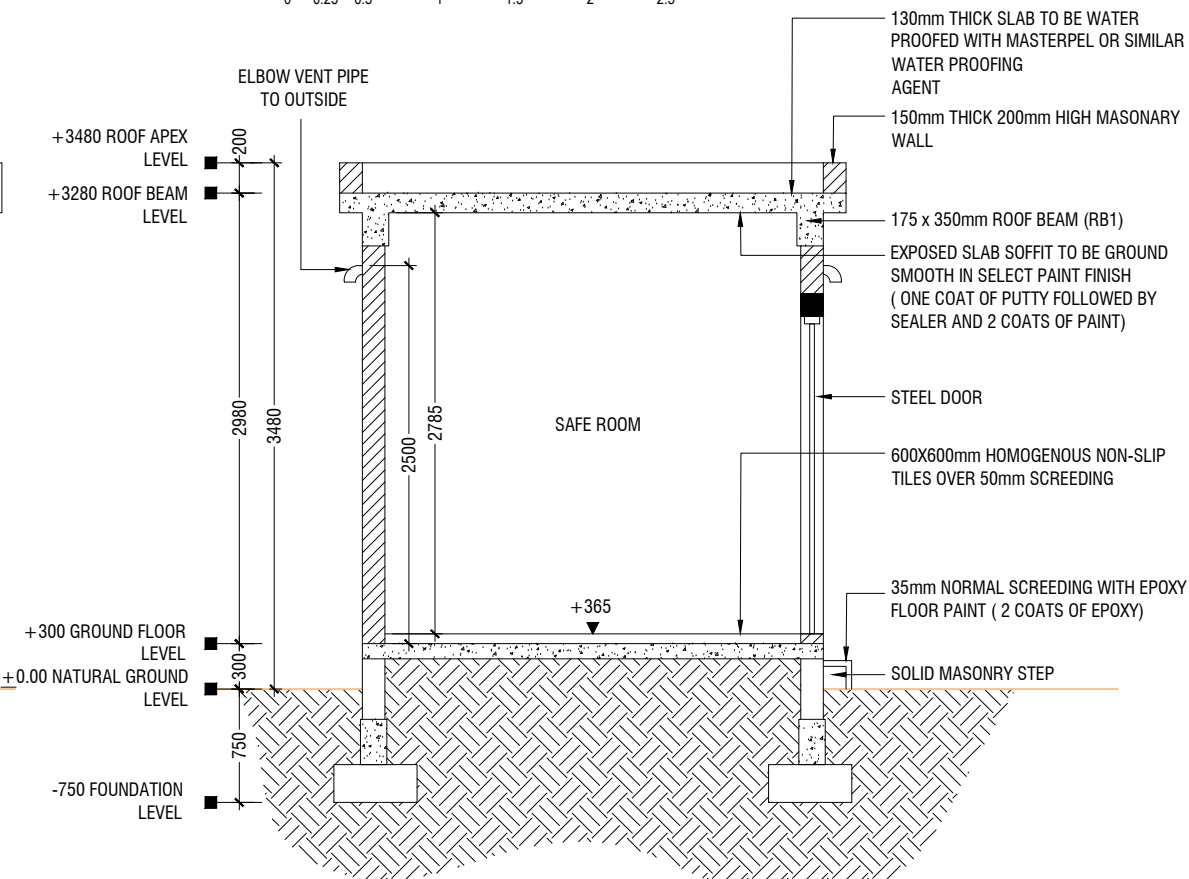


ELEVATION A- A

SCALE 1:50

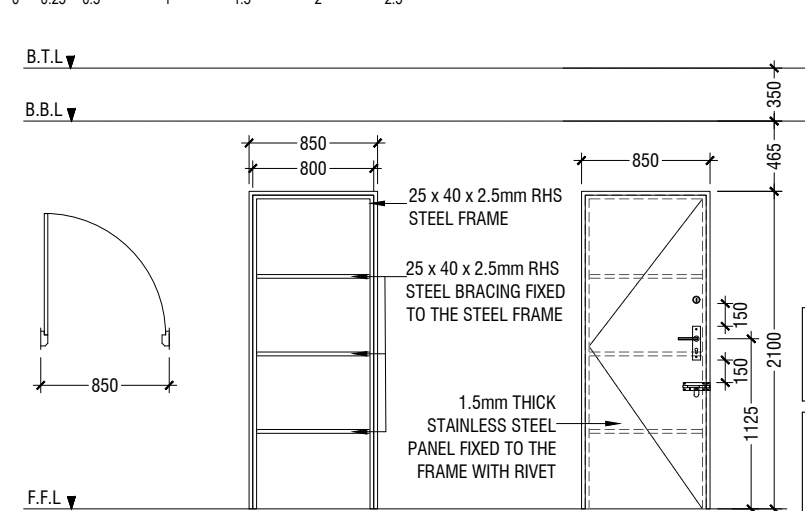
SECURE ROOM

SCALE 1:50



SECTION A- A

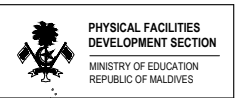
SCALE 1:50



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



PROJECT :
PROPOSED SAFE ROOM - TYPE 1

PROJ. REF: _____

SCALE : AS GIVEN

ARCHITECT : _____

ENGINEER : _____

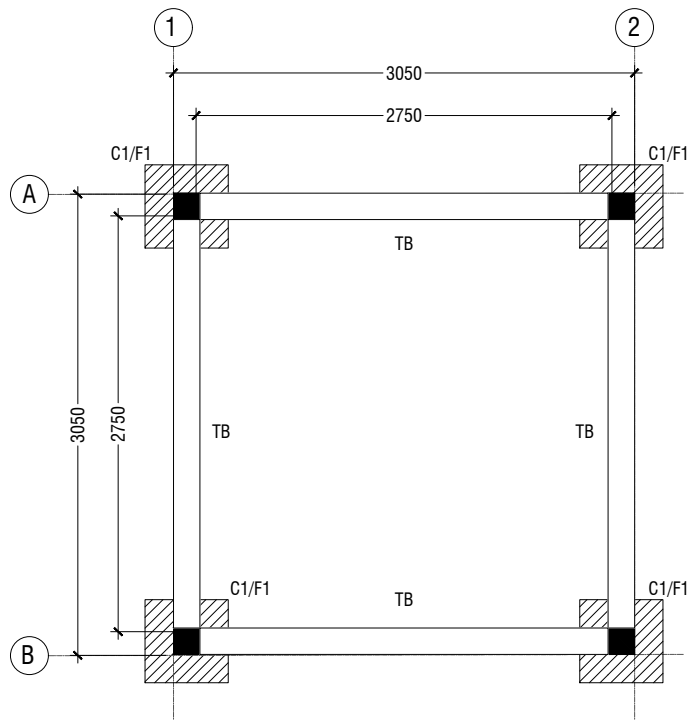
DRAWN : _____

CHECKED : _____

DATE : 23.11.2022

AMMENDMENTS		
Issue	Date	Description

DWG NO : **A-01/02**



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

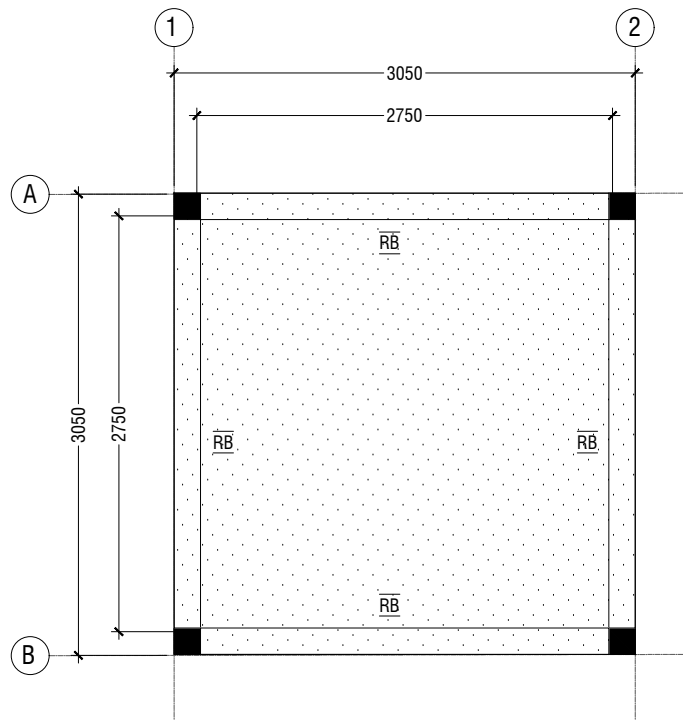
ALL FOOTINGS ARE TO BE LAID ON TOP OF 50mm THICK LEAN CONCRETE
 APPLY WATER PROOFING TO SUBSTRUCTURE (BELOW GROUND ELEMENTS)

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

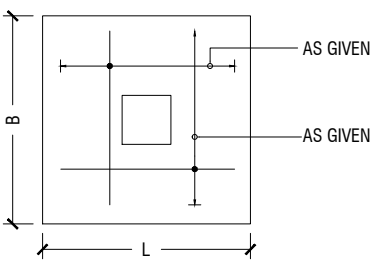
	DIMENSION (LxBxD)	REINFORCEMENT
F1	550 x 550 x 250	T10@150 C/C B/W (B)

FOUNDATION DEPTH = 750mm

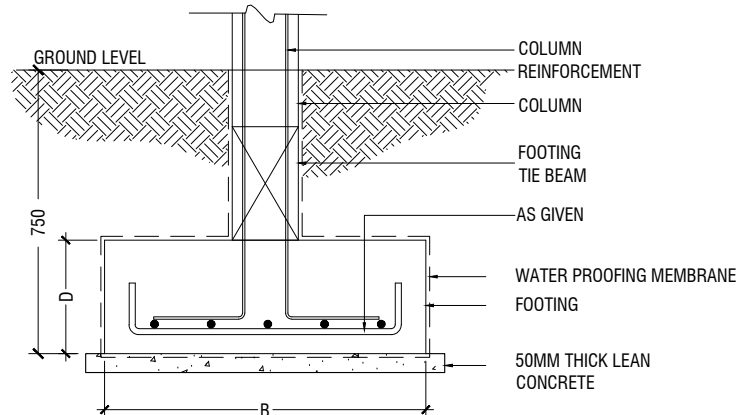
NOTE:-
 COVER TO FOUNDATION = 50mm
 COVER TO COLUMNS = 40mm
 COVER TO BEAMS = 35mm

GRADE OF CONCRETE M25

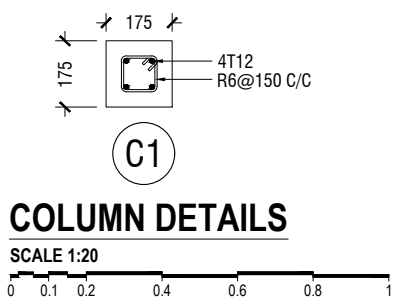
FOUNDATION PADS



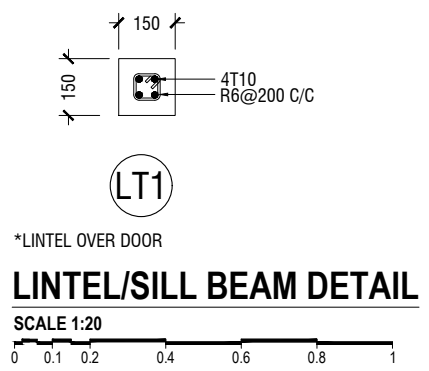
PLAN



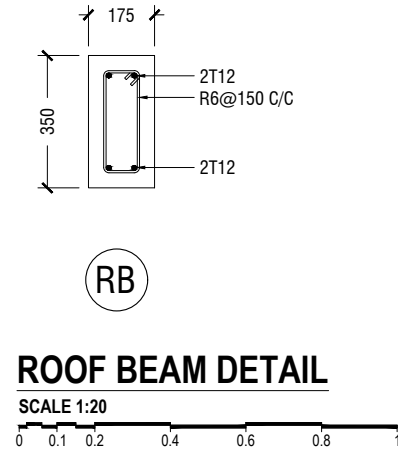
SECTION
FOOTING DETAILS
 SCALE 1:20



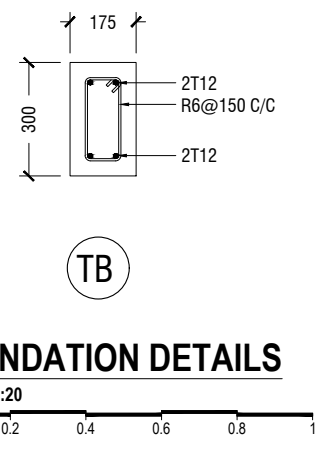
C1
COLUMN DETAILS
 SCALE 1:20



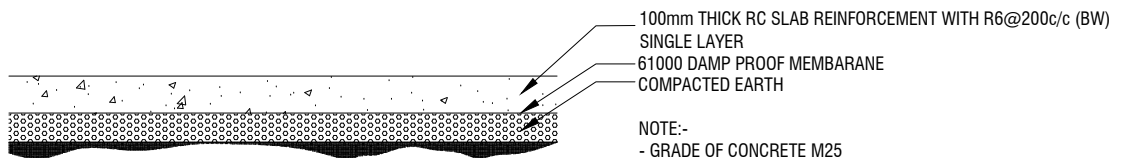
LT1
 *LINTEL OVER DOOR
LINTEL/SILL BEAM DETAIL
 SCALE 1:20



RB
ROOF BEAM DETAIL
 SCALE 1:20



TB
FOUNDATION DETAILS
 SCALE 1:20



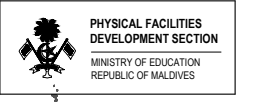
GROUND SLAB DETAIL
 SCALE 1:20

100mm THICK RC SLAB REINFORCEMENT WITH R6@200c/c (BW) SINGLE LAYER
 61000 DAMP PROOF MEMBRANE
 COMPACTED EARTH

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

STRUCTURAL DETAILS
 SCALE 1:20

SECURE ROOM
 SCALE 1:50



PROJECT :
PROPOSED SAFE ROOM - TYPE 1

PROJ. REF: _____
 SCALE : AS GIVEN

ARCHITECT : _____
 ENGINEER : _____
 DRAWN : _____
 CHECKED : _____
 DATE : 23.11.2022

AMMENDMENTS

Issue	Date	Description

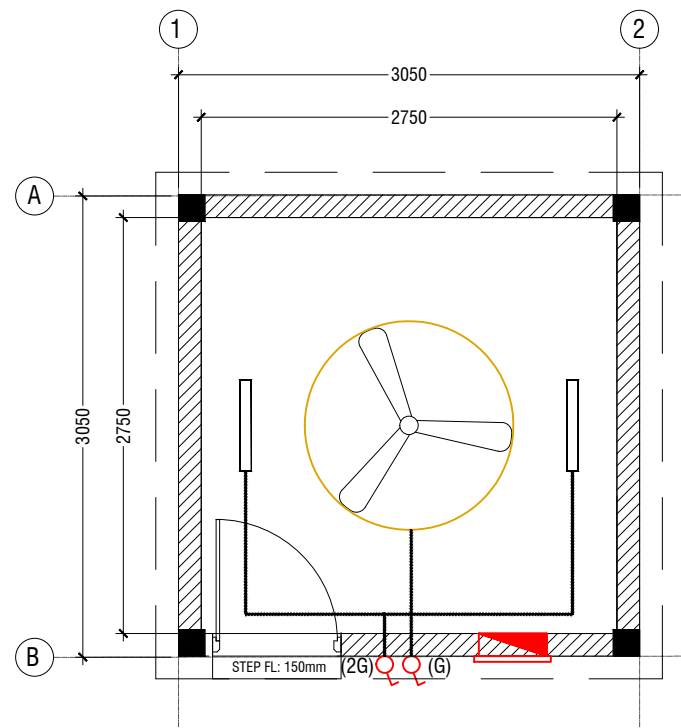
DWG NO : **A-02/02**



PHYSICAL FACILITIES DEVELOPMENT SECTION
MINISTRY OF EDUCATION, REPUBLIC OF MALDIVES

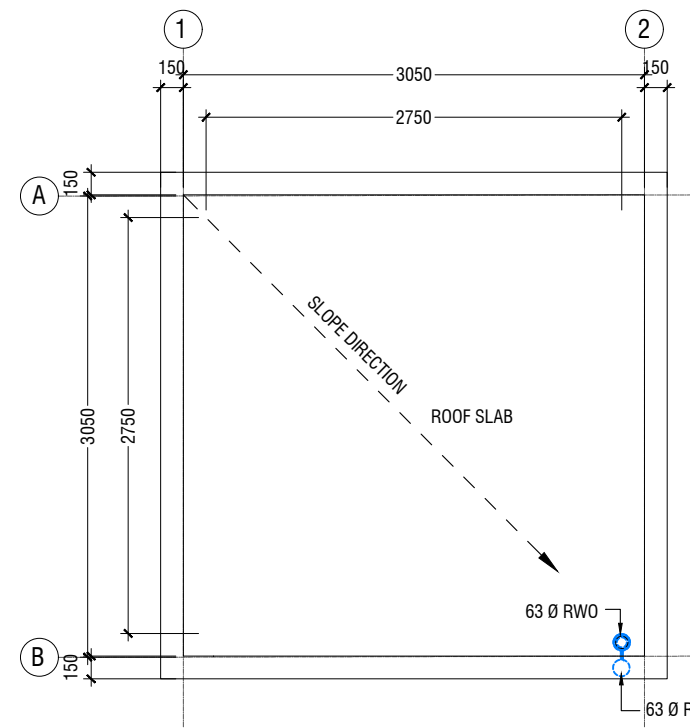
PROPOSED SAFEROOM - TYPE 1 (SINGLE STOREY)

SERVICES DRAWINGS



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

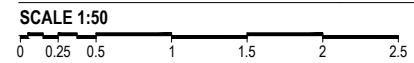
- NOTE:**
1. ALL WIRING TO BE OF STELCO APPROVED STANDARDS
 2. SWITCH CONTROL = 1200MM FROM FLOOR FIN. LEVEL
 3. ALL LIGHTING POINTS CONNECTED TO THEIR RESPECTIVE DB
 4. POLYCARBONATE ENCLOSURE TO ALL SWITCH AND SOCKET WHICH ARE LOCATED AT THE OUTDOORS
 5. SWITCH CONTROL / SOCKET = 1100MM - 1200MM FROM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



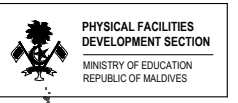
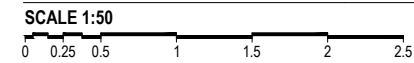
- LEGEND**
- RWP 63 Ø RAINWATER PIPE
 - RWO 63 Ø DRAIN OUTLET

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

SECURE ROOM - LIGHTING & POWER LAYOUT



SECURE ROOM - DRAINAGE LAYOUT



PROJECT:
PROPOSED SAFE ROOM - TYPE 1

PROJ. REF: _____

SCALE: AS GIVEN

ARCHITECT: _____

ENGINEER: _____

DRAWN: _____

CHECKED: _____

DATE: 23.11.2022

AMMENDMENTS

Issue	Date	Description

DWG NO: S-01/01