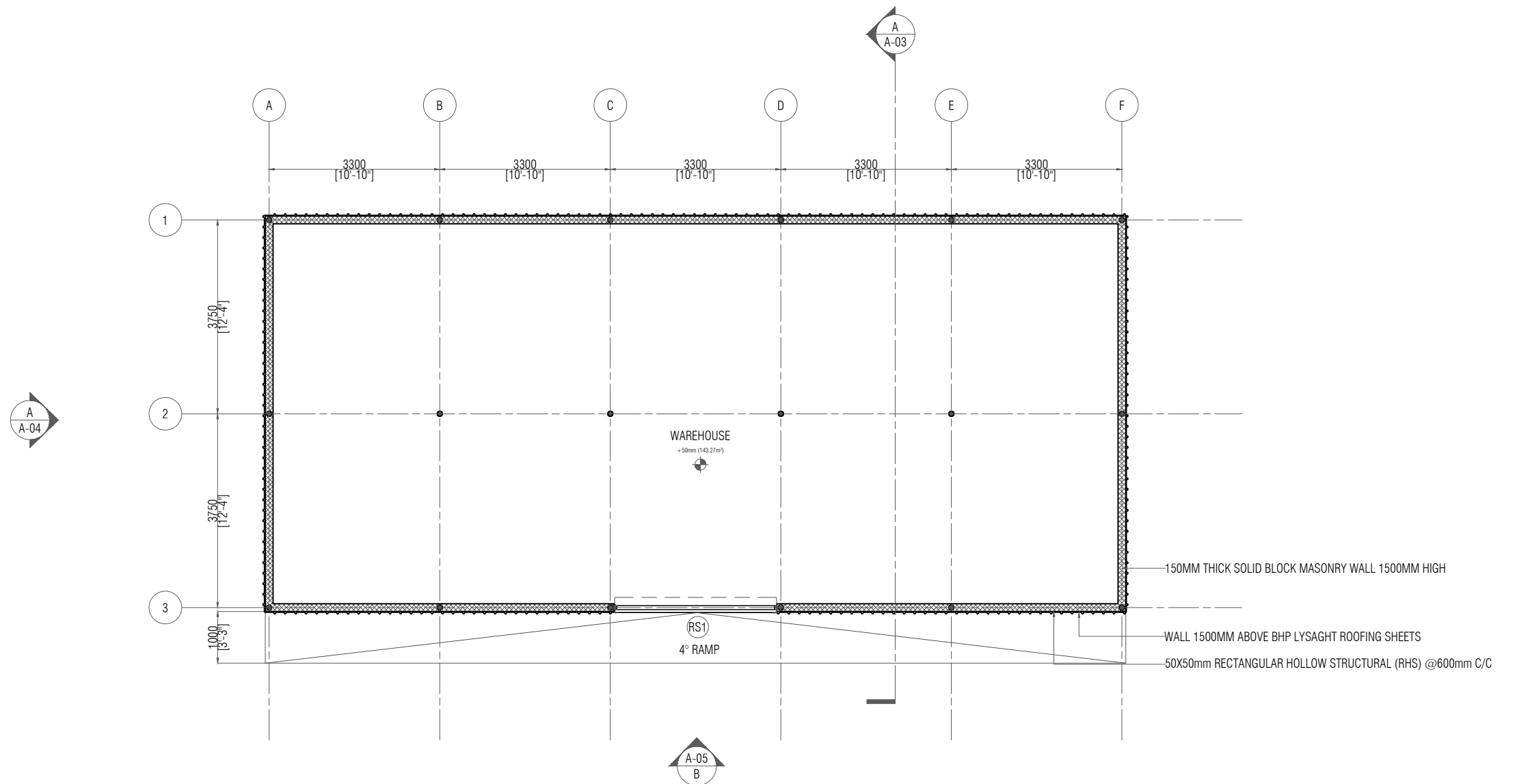


STUDIO

H. HEHIFASHUVIAAGE, MALE', MALDIVES  
hello@hstudio.mv

COUNCIL WAREHOUSE  
PROPOSED SINGLE STOREY BUILDING  
SECRETARIAT OF THE GA. MAAMENDHOO COUNCIL



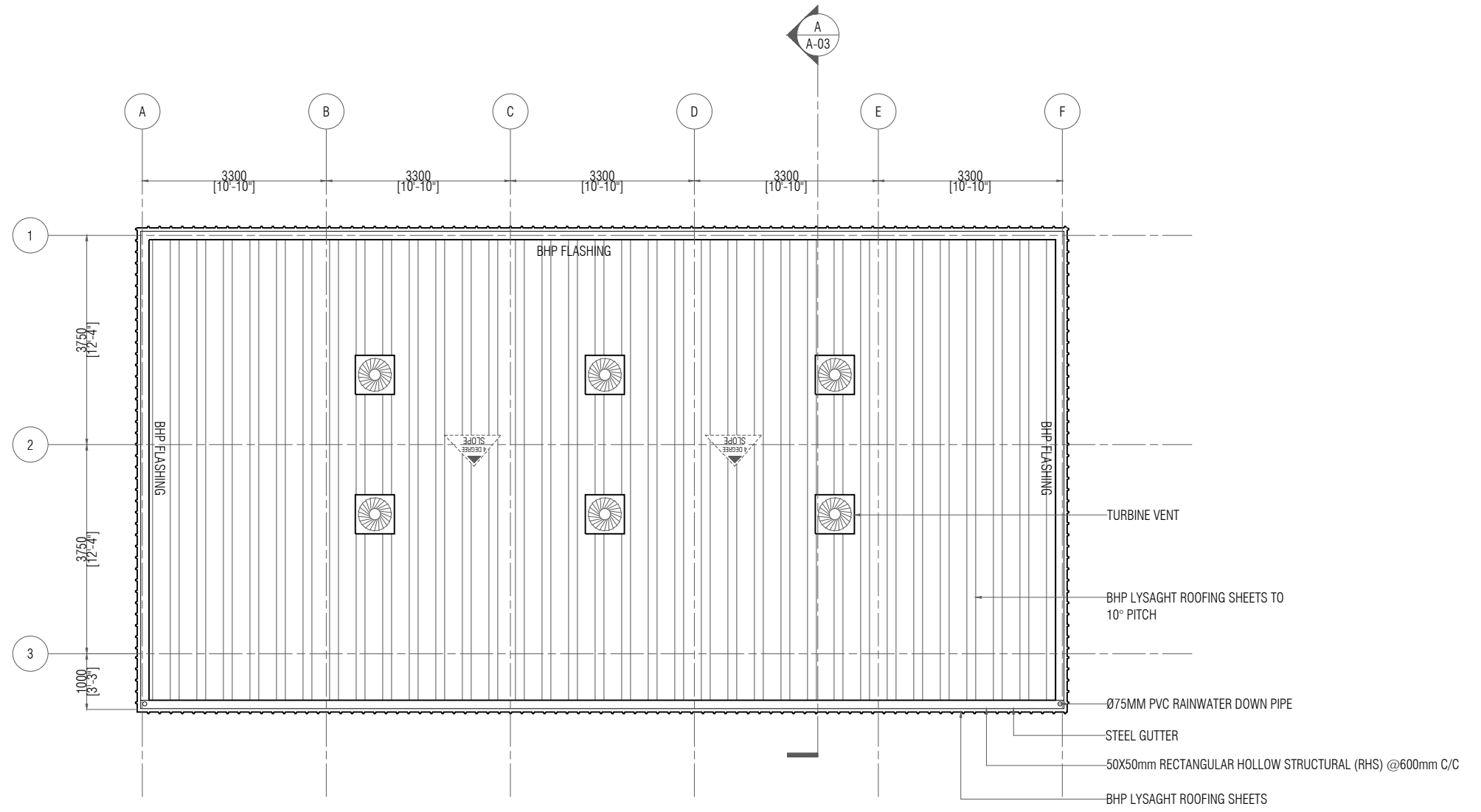


**FLOOR PLAN LAYOUT**  
 A01 1:100



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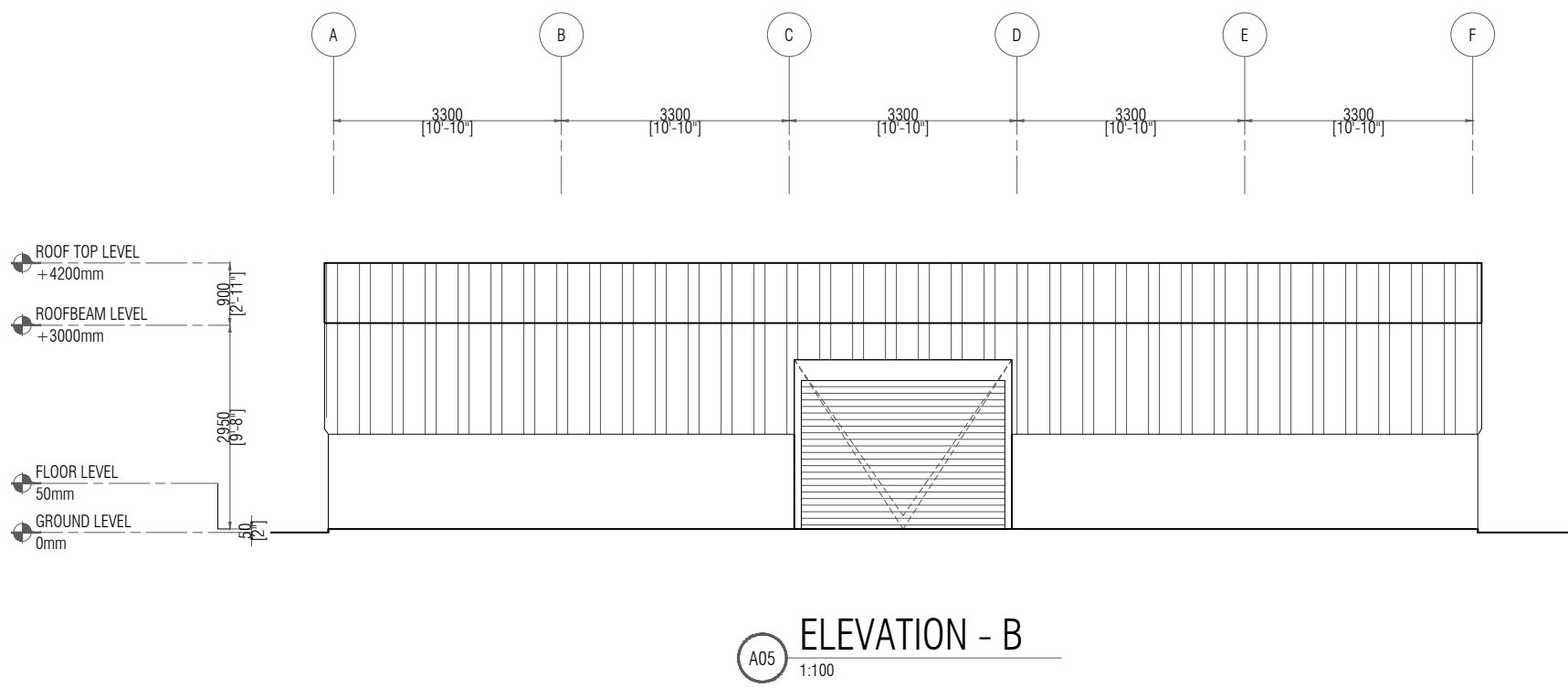
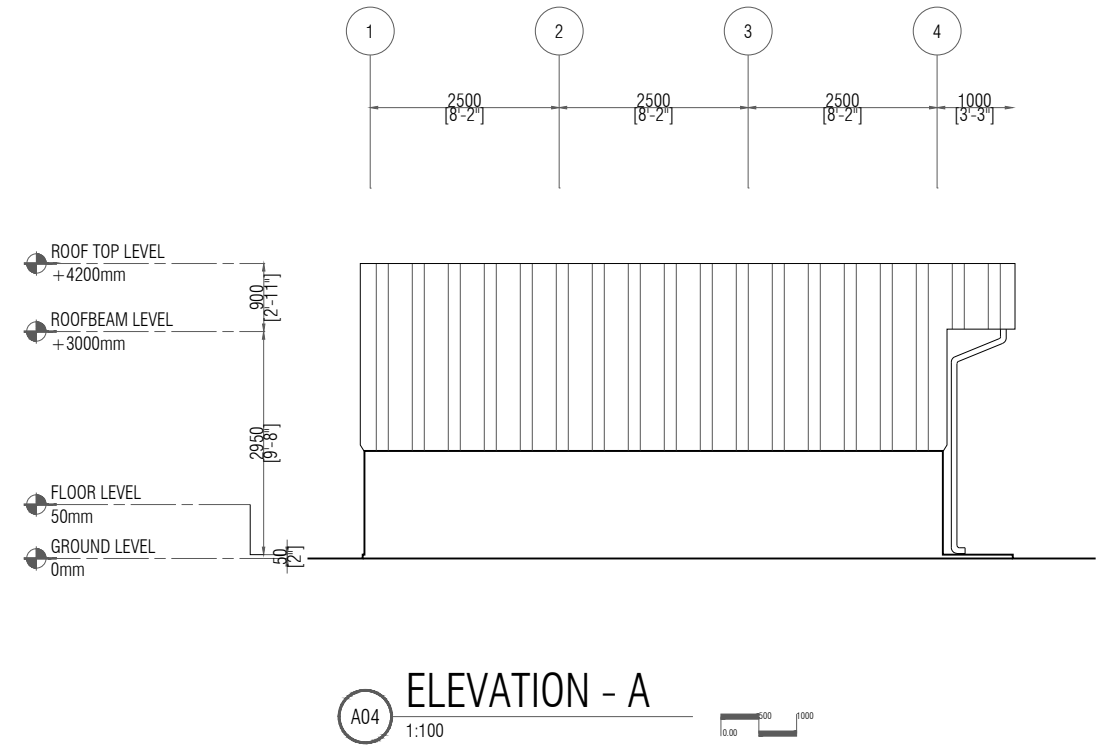
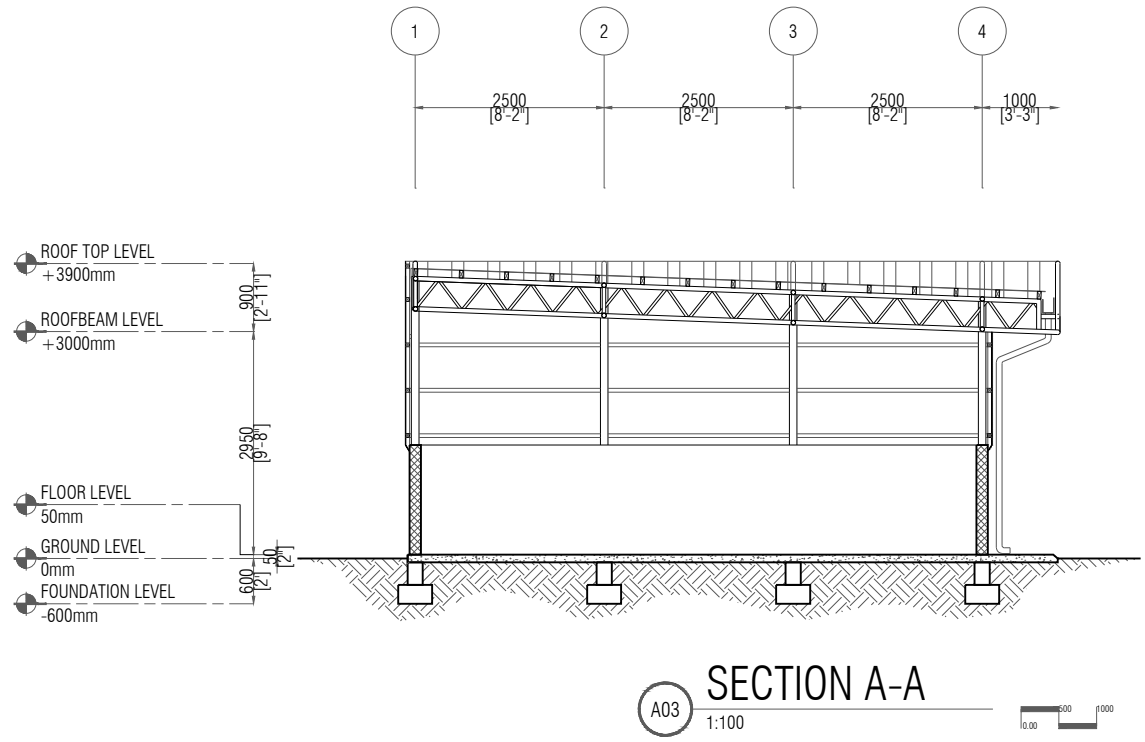
 H STUDIO <small>MOHAMMED JALEEL MALDIVES</small> <small>h@hstudio.com</small>	ARCHITECTURAL CONSULTANT	STRUCTURAL CONSULTANT	PROJECT: COUNCIL WAREHOUSE CLIENT NAME: SECRETARIAT OF THE GA, MAAMENDHOO COUNCIL CONTACT NUMBER: +960 MAIL ADDRESS: SECRETARIAT OF THE GA, MAAMENDHOO COUNCIL CLIENT ADDRESS: GA, MAAMENDHOO ISLAND:	DESIGNED BY: MOHAMED JALEEL ARCHITECT: H STUDIO ARCHITECTURAL CHECKER: H STUDIO TYPE: <input type="checkbox"/> CONCEPT DRAWING <input type="checkbox"/> ARCHITECTURAL/STRUCTURAL DRAWING <input checked="" type="checkbox"/> SERVICE DRAWING <input type="checkbox"/>	STRUCTURE BY: H STUDIO STRUCTURAL CHECKER: H STUDIO DRAWN BY: H STUDIO	PROJECT NO: 005 DATE: 4/4/2022 DATE: 7/17/2022 <small>CONTRACTORS SHALL WORK FROM FIGURED DIMENSIONS ONLY.          CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE.          DIMENSIONS MUST BE REPORTED IMMEDIATELY TO THE ARCHITECTS.</small>	02
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**A02** ROOF LAYOUT  
1:100

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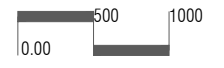
 <b>H STUDIO</b> <small>HIRAWAFA MALDIVES</small> <small>hirawafastudio.com</small>	<b>ARCHITECTURAL CONSULTANT</b>  <b>ARCHIMOLIVES</b> <small>PRIVATE LIMITED</small>	<b>STRUCTURAL CONSULTANT</b>	PROJECT: <b>COUNCIL WAREHOUSE</b> CLIENT NAME: <b>SECRETARIAT OF THE GA. MAAMENDHOO COUNCIL</b> CONTACT NUMBER: <b>+960</b> MAIL ADDRESS: <b>SECRETARIAT OF THE GA. MAAMENDHOO COUNCIL</b> CLIENT ADDRESS: <b>GA. MAAMENDHOO</b> ISLAND: <b>GA. MAAMENDHOO</b>	DESIGNED BY: <b>MOHAMED JALEEL</b> ARCHITECT: <b>H STUDIO</b> ARCHITECTURAL CHECKER: <b>H STUDIO</b> TYPE: <input type="checkbox"/> CONCEPT DRAWING <input type="checkbox"/> ARCHITECTURAL/STRUCTURAL DRAWING <input checked="" type="checkbox"/> SERVICE DRAWING <input type="checkbox"/>	STRUCTURE BY: <b>H STUDIO</b> STRUCTURAL CHECKER: <b>H STUDIO</b> DRAWN BY: <b>H STUDIO</b>	PROJECT NO: <b>005</b> PAGE NO: DATE: <b>4/4/2022</b> DATE: <b>7/17/2022</b>
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PLAN	
ELEVATION	
DOOR / WINDOW	RS1
FRAME	• DARK GREY POWDER COATED, ALUMINUM FRAMED ROLLER SHUTTER PANEL
OPEN AREA	• 5.89m <sup>2</sup>
HARDWARE	• REFER MANUFACTURES GUIDE
GLAZING	
QUANTITY	• 01
REMARKS	

- ALL MEASUREMENTS TO BE CHECKED AT SITE BY THE CONTRACTOR BEFORE FABRICATION.
- ST: STEEL
- G: GLASS PANEL
- FG: FIXED GLASS PANEL
- T: TREATED TIMBER
- AL: ALUMINUM

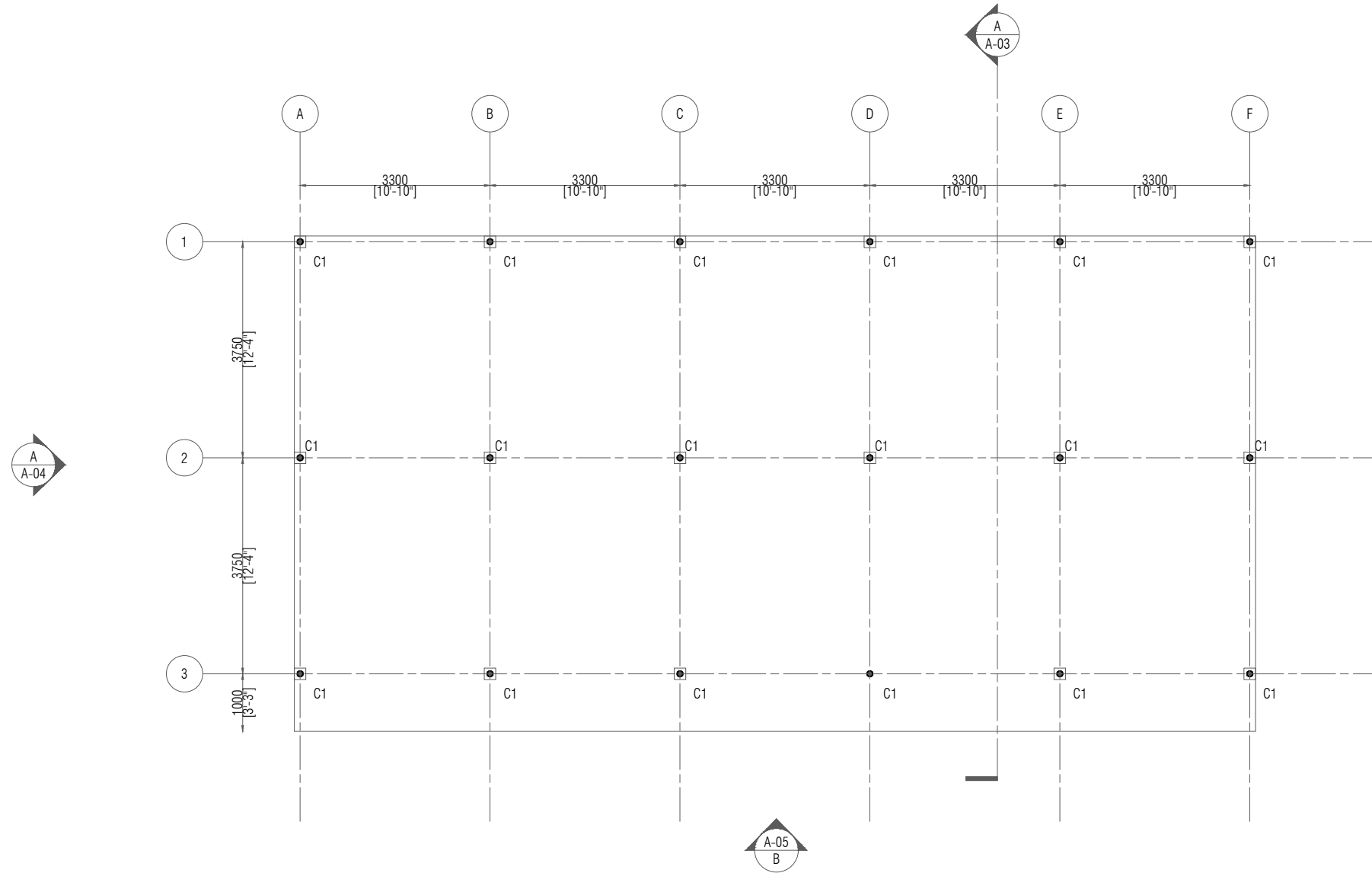
**DOOR & WINDOW SCHEDULE**

A10 1:50



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	DO NOT SCALE THE DRAWING						

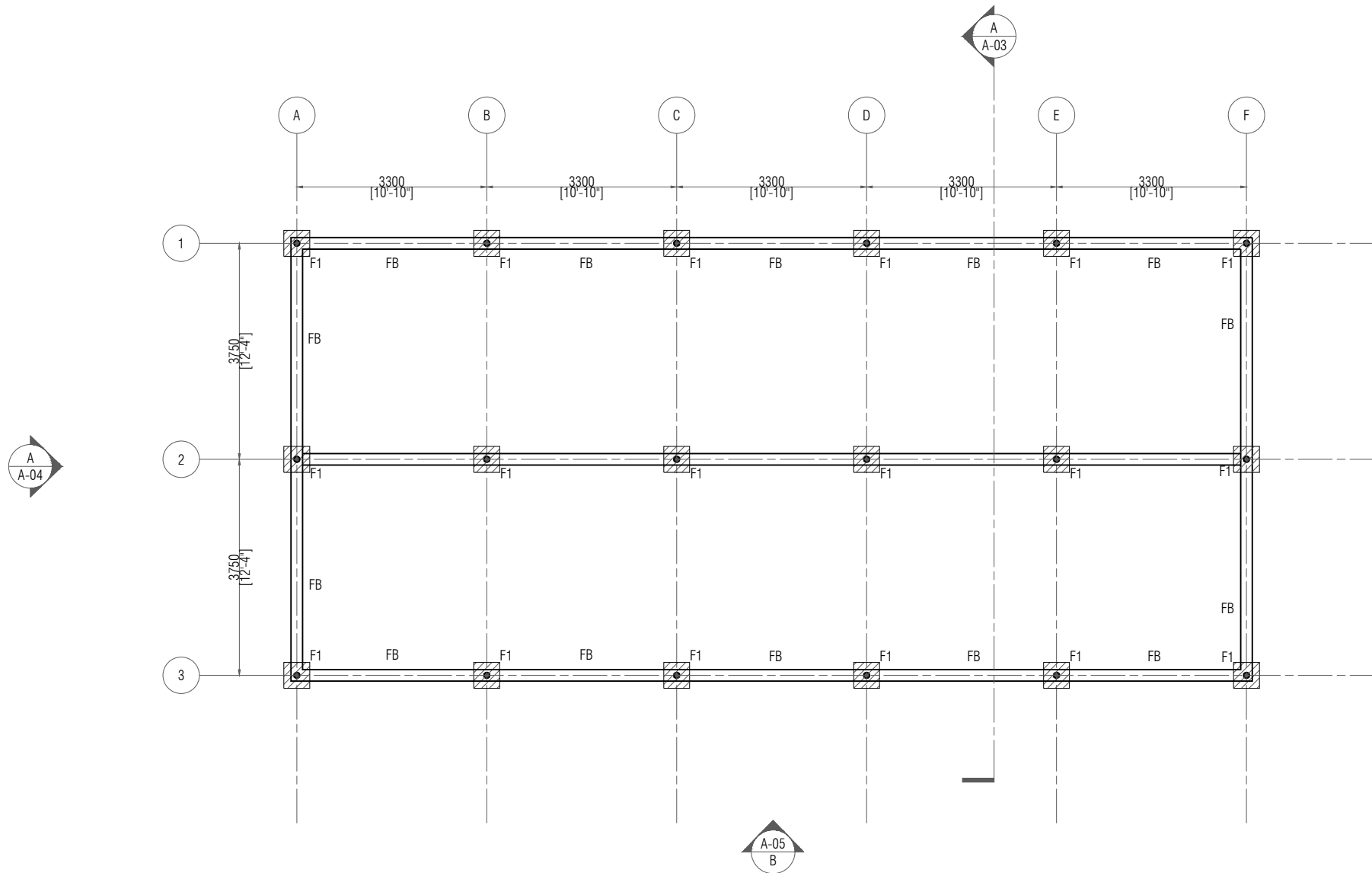


NOTE:  
 100mm THK RC SLAB, T10 @150 (TOP)

**S01** COLUMN SETTING LAYOUT 1:100

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	DO NOT SCALE THE DRAWING			CONTRACTOR SHALL WORK FROM FIGURED DIMENSIONS ONLY. CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE. DIMENSIONS MUST BE REPORTED IMMEDIATELY TO THE ARCHITECTS.			

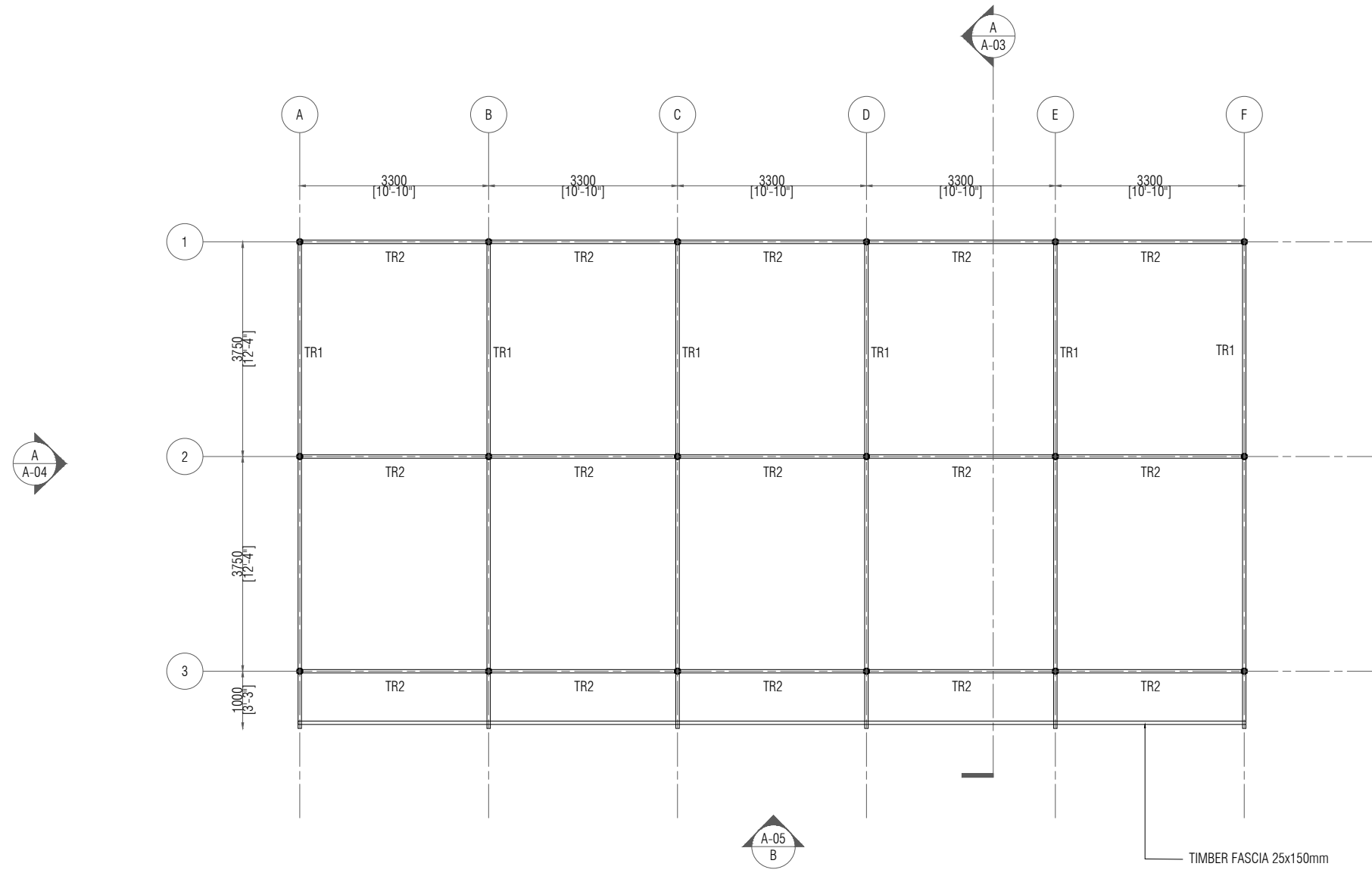


S02 FOUNDATION LAYOUT  
1:100

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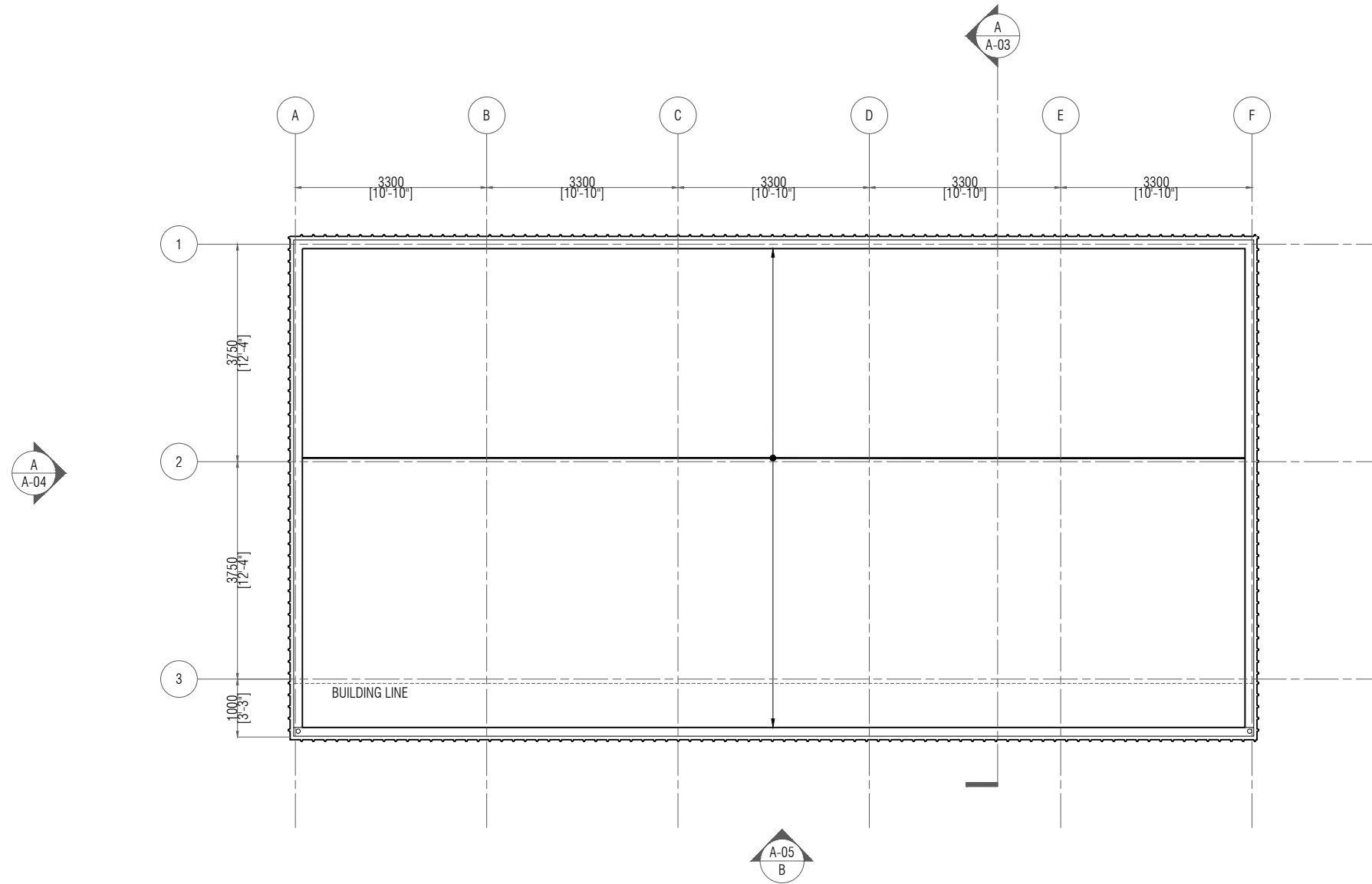


**S03** ROOF BEAM LAYOUT  
1:100



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	DO NOT SCALE THE DRAWING			08		



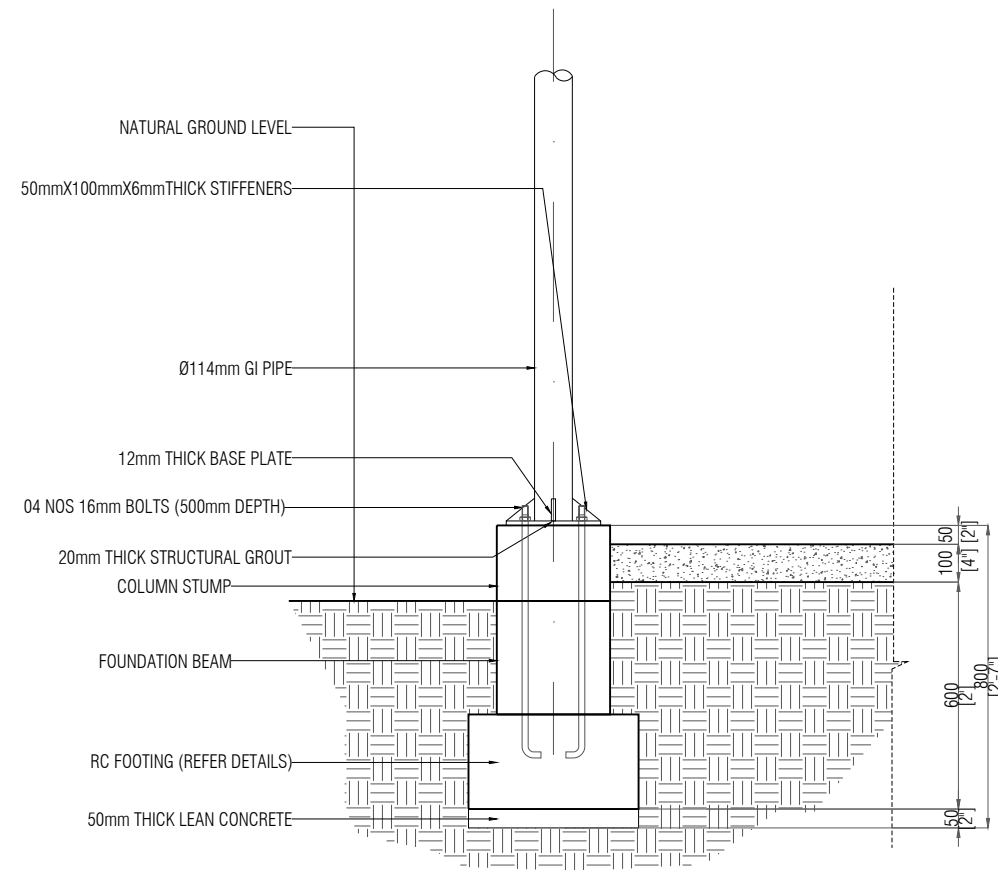
NOTE:                       
 50X100mm GI RECTANGULAR HOLLOW STRUCTURAL (RHS) ROOF JOISTS @600mm C/C

S04 ROOF FRAMING LAYOUT 1:100



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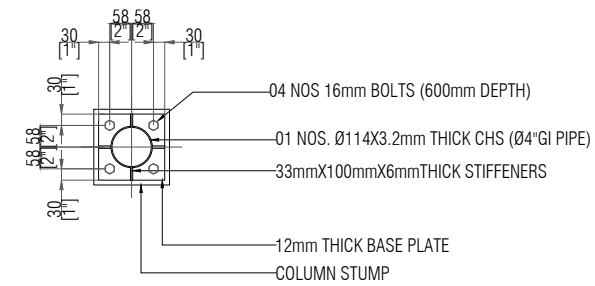
 H STUDIO <small>MOHAMMED JALEEL MALDIVES</small> <small>hstudio.com</small>	ARCHITECTURAL CONSULTANT	STRUCTURAL CONSULTANT	PROJECT: COUNCIL WARDHOUSE CLIENT NAME: SECRETARIAT OF THE GA, MAAMENDHOO COUNCIL CONTACT NUMBER: +960 MAIL ADDRESS: SECRETARIAT OF THE GA, MAAMENDHOO COUNCIL CLIENT ADDRESS: GA, MAAMENDHOO ISLAND:	DESIGNED BY: MOHAMED JALEEL ARCHITECT: H STUDIO ARCHITECTURAL CHECKER: H STUDIO TYPE: <input type="checkbox"/> CONCEPT DRAWING <input type="checkbox"/> ARCHITECTURAL/STRUCTURAL DRAWING <input checked="" type="checkbox"/> SERVICE DRAWING <input type="checkbox"/>	STRUCTURE BY: H STUDIO STRUCTURAL CHECKER: H STUDIO DRAWN BY: H STUDIO	PROJECT NO: 005 DATE: 4/4/2022 DATE: 7/17/2022 <small>CONTRACTORS SHALL WORK FROM FIGURED DIMENSIONS ONLY.          CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE.          DIMENSIONS MUST BE REPORTED IMMEDIATELY TO THE ARCHITECTS.</small>
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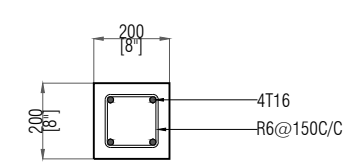
TYPICAL FOOTING DETAIL

FOOTING DETAILS

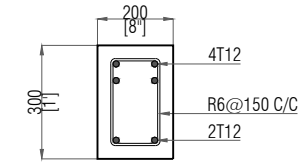
TYPE	DIMENSION	REINFORCEMENT
F1	450x450x250	RFMT: 3T10@150 c/c (B1) RFMT: 3T10@150 c/c (B2)



C1 - PLATE PLAN



C1 - STUMP DETAILS



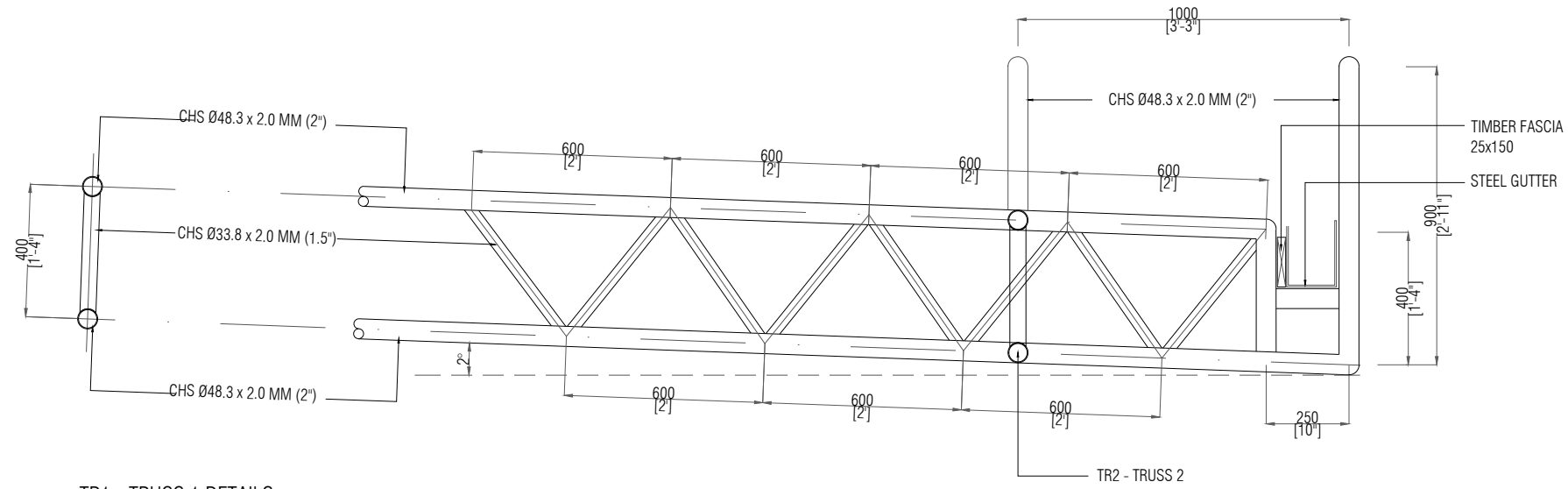
FB - DETAILS

S09 1:20 STRUCTURAL DETAILS

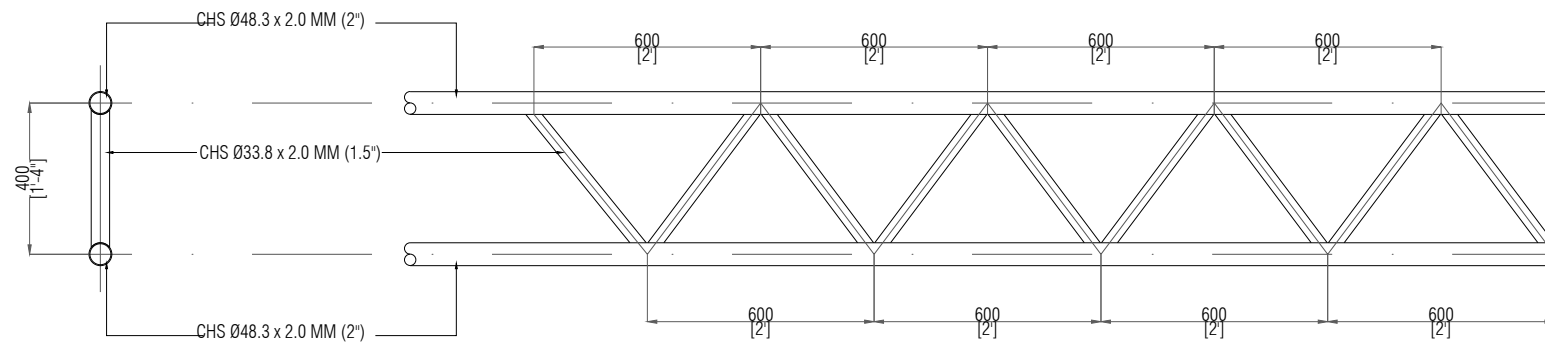


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	DO NOT SCALE THE DRAWING						



TR1 - TRUSS 1 DETAILS



TR2 - TRUSS 2 DETAILS

**STRUCTURAL DETAILS**

S11 1:20

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**GENERAL NOTES**

1. POWER SUPPLY CABLES SHALL BE SINGLE CORE PVC INSULATED OF SINGLE CORE PVC SHEATHED OR MULTI CORE PVC/PVC, COPPER CONDUCTOR,VOLT GRADE 600/1000 VOLTS TO BSS-6346-1969.
2. WIRING CABLES (FROM DB,S TO SWITCH BOARD, POWER OUTLETS,SWITCH BOARDS TO LIGHTS,FAN/5Amps. OUTLETS OR CONTROL WIRING) SHALL BE SINGLE CORE, PVC INSULATED,COPPER CONDUCTOR CABLES, VOLTS GRADE 300/500 OR 450/750 VOLT TO BSS-6004-1975
3. LIGHTS CIRCUIT (UNLESS OTHERWISE INDICATED) SHALL BE WIRED WITH 2 Nos 7/.029 SINGLE CORE PVC CABLES+3/.029 SINGLE CORE CABLE AS PC.(PROTECTIVE CONDUCTOR)
4. LIGHT/FAN POINTS/5A.OUTLET SHALL BE WIRED. 2 Nos. 3/.029 SINGLE CORE PVC CABLE +1No 3/.029 SINGLE CORE CABLE AS PC.
5. 15 Amps. OUTLETS SHALL BE WIRED WITH 2 Nos. 7/.036 SINGLE CORE PVC CABLE+7/.029 SINGLE CORE AS PC.
6. SPLIT A/C UNITS & WINDOW TYPE A/C UNITS SHALL BE WIRED WITH 2 Nos, 7/0.036 SINGLE CORE CABLE + 7/.029 SINGLE CORE CABLE AS PC (PROTECTIVE CONDUCTOR).
7. COLOR OF WIRING CABLES, (TO STELCO STANDARDS).
8. THE NUMBER OF SINGLE CORE CABLE IN ANY PVC CONDUIT SHALL BE DETERMINATES SUCH THAT THE RATIO OF CABLE AREA INCLUDING PROTECTIVE CONDUCTOR TO CONDUIT AREA IS NOT MORE THAN 0:3:1, THE FOLLOWING TABLE IS GIVEN AS GENERAL GUIDE LINES.

CONDUIT DIA	NUMBER OF CABLES CABLE SIZE ( mm2 )		
	(3/.029)	(7/.029)	(7/.036)
20	7	4	3
25	16	9	6
32	23	14	10

WHEREVER CONDUIT SIZE IS NOT SPECIFIED, 20 mm DIA CONDUIT SHALL THE MINIMUM SIZE, IF IT MEETS THE ABOVE CRITERIA.

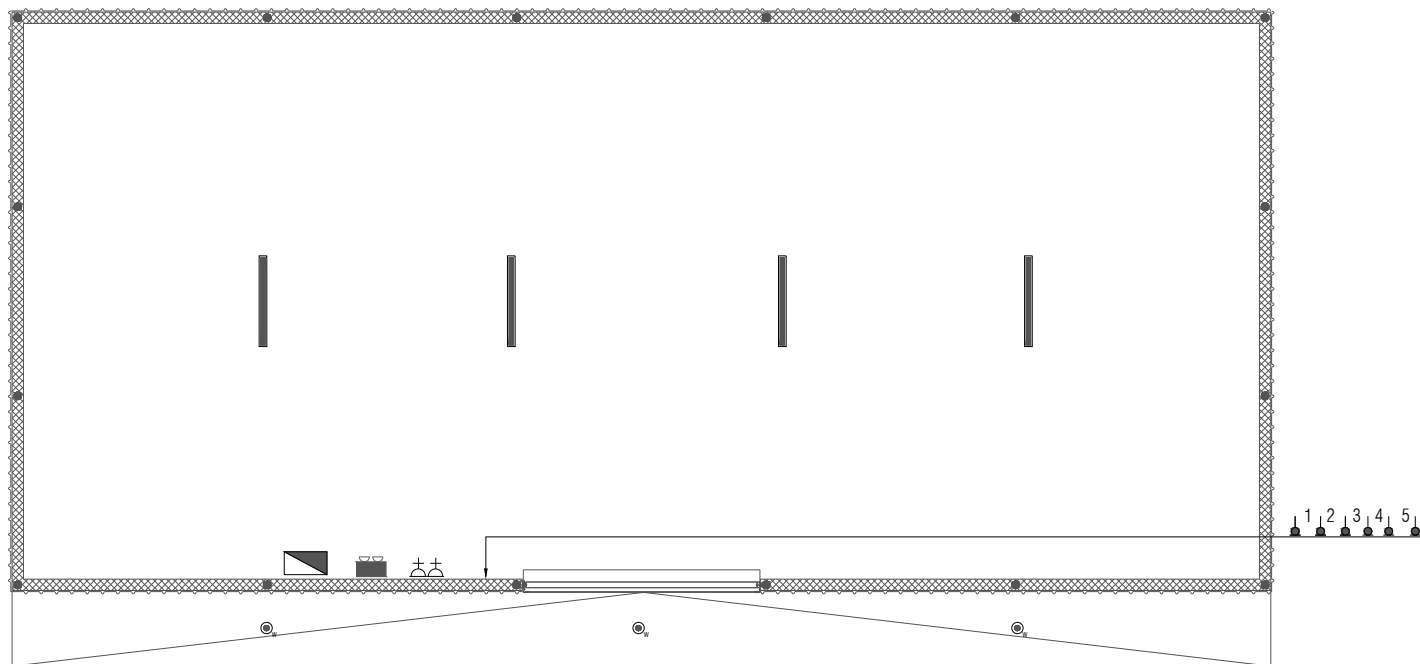
9. THE PVC CONDUIT SHALL BE LAID ABOVE THE LOWER LAYER OF THE REINFORCEMENT.
10. GOOD QUALITY BINDING SOLUTION SHALL BE APPLIED ON ALL JOINTS.
11. PVC CONDUIT SHALL BE TIED FIRMLY WITH REINFORCEMENT NEAR BENDS,SOCKET,JUNCTION,BOXES,FAN BOXES.
12. ALL JUNCTION BOXES & FAN BOXES SHOULD BE INSTALLED PARALLEL TO THE SURFACE OF CEILING.
13. BENDS SHALL BE USED ONLY ON "DOWN"/"UP" POSITIONS,NO BEND SHALL BE INSTALLED IN SLAB.
14. THERE SHALL NOT BE MORE THEN TWO BENDS IN ANY ROUTE OF CONDUITS OTHERWISE PULL BOXES SHALL BE INSTALLED AFTER TWO BENDS.
15. PVC CONDUIT IN WALLS SHALL BE RECESSED AFTER MAKING GROVE WITH CUTTER IT SHALL BE COVERED WITH AT LEAST 1" COVER OF PLASTER..
16. ALL CONDUITS NETWORK SHALL BE CLEANED & CHECKED USING PULL WIRES, THE CABLES SHALL BE DRAWN CAREFULLY,NOT APPLYING EXCESSIVE FORCE, NOT DAMAGING THE CABLES,THERE SHALL BE NO JOINT IN CABLE IN CONDUIT, JOINT IN CABLES SHALL BE MADE ONLY IN SWITCH BOARD, JUNCTION BOXES, PULL BOXES.
17. THE INSULATION RESISTANCE TEST SHALL BE PERFORMED ON ALL ELECTRICAL EQUIPMENT AND WIRING USING MAGGER TESTER, THE MINIMUM ACCEPTABLE INSULATION RESISTANCE VALUE SHALL BE 1 MEGAOHM.
18. THE CONTRACTOR SHALL KEEP A CAREFUL RECORD OF ALL CHANGES/REVISION TO THE ORIGINAL DESIGN.
19. THE CONTRACTOR SHALL PREPARE, AND SUBMIT FOR APPROVAL SHOP DRAWINGS SHOWING EXACT ROUTES OF CONDUITS/CABLE/CABLE TRAYS ETC, AND FOR DBs & PANELS BEFORE STARTING EXECUTION.
20. THE CONTRACTOR SHALL KEEP A CAREFUL RECORD OF ALL CHANGES/REVISION TO THE ORIGINAL DESIGN.
21. EARTH RESISTANCE VALUE OF EARTHING : LESS THAN 1 OHM

**ELECTRICAL SYMBOLS**

	LINEAR LED TUBE LIGHT
	LINEAR LED LIGHT PROFILE (RECESSED)
	WATER PROOF LED LIGHT (RECESSED)
	CEILING MOUNT FAN 29"
	WALL MOUNT AC INDOOR MODULE
	WALL MOUNT AC OUTDOOR MODULE
	DISTRIBUTION BOARD
	CEILING MOUNT LIGHT (RECESSED)
	LED PENDANT TUBE LIGHT
	EMERGENCY LED LIGHT
	WALL MOUNT LIGHT (WATER PROOF)
	WALL MOUNT LIGHT
	SINGLE GANG LIGHT SWITCH (ONE WAY)
	DOUBLE GANG LIGHT SWITCH (ONE WAY)
	SINGLE GANG LIGHT SWITCH (TWO WAY)
	DOUBLE GANG LIGHT SWITCH (TWO WAY)
	FAN REGULATOR SWITCH
	1X 13A SOCKET OUTLET @300mm FROM FLOOR LEVEL
	2X 13A SOCKET OUTLET @300mm FROM FLOOR LEVEL
	2X 13A SOCKET OUTLET @1100mm FROM FLOOR LEVEL
	2X 13A SOCKET OUTLET @1100mm FROM FLOOR LEVEL (WEATHER PROOF)
	1X 13A SOCKET OUTLET @1100mm FROM FLOOR LEVEL (WEATHER PROOF)
	1X 15A SOCKET OUTLET @2000mm FROM FLOOR LEVEL
	1X 13A SOCKET OUTLET @2000mm FROM FLOOR LEVEL
	TELEPHONE OUTLET @300mm FROM FLOOR LEVEL
	DATA OUTLET @300mm FROM FLOOR LEVEL
	TV CABLE OUTLET @300mm FROM FLOOR LEVEL
	WATER HEATER
	2X 13A SOCKET OUTLET @300mm FROM FLOOR LEVEL (WEATHER PROOF)

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	 ARCHITECTS MALDIVES	MAIL ADDRESS: SECRETARIAT OF THE GA, MAAMENDHOO COUNCIL ISLAND: GA, MAAMENDHOO	CONTACT NUMBER: + (960)	ARCHITECT: H STUDIO	STRUCTURAL CHECKER: H STUDIO	DATE: 4/4/2022		
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1:100

## ELECTRICAL/LIGHTING LAYOUT



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