

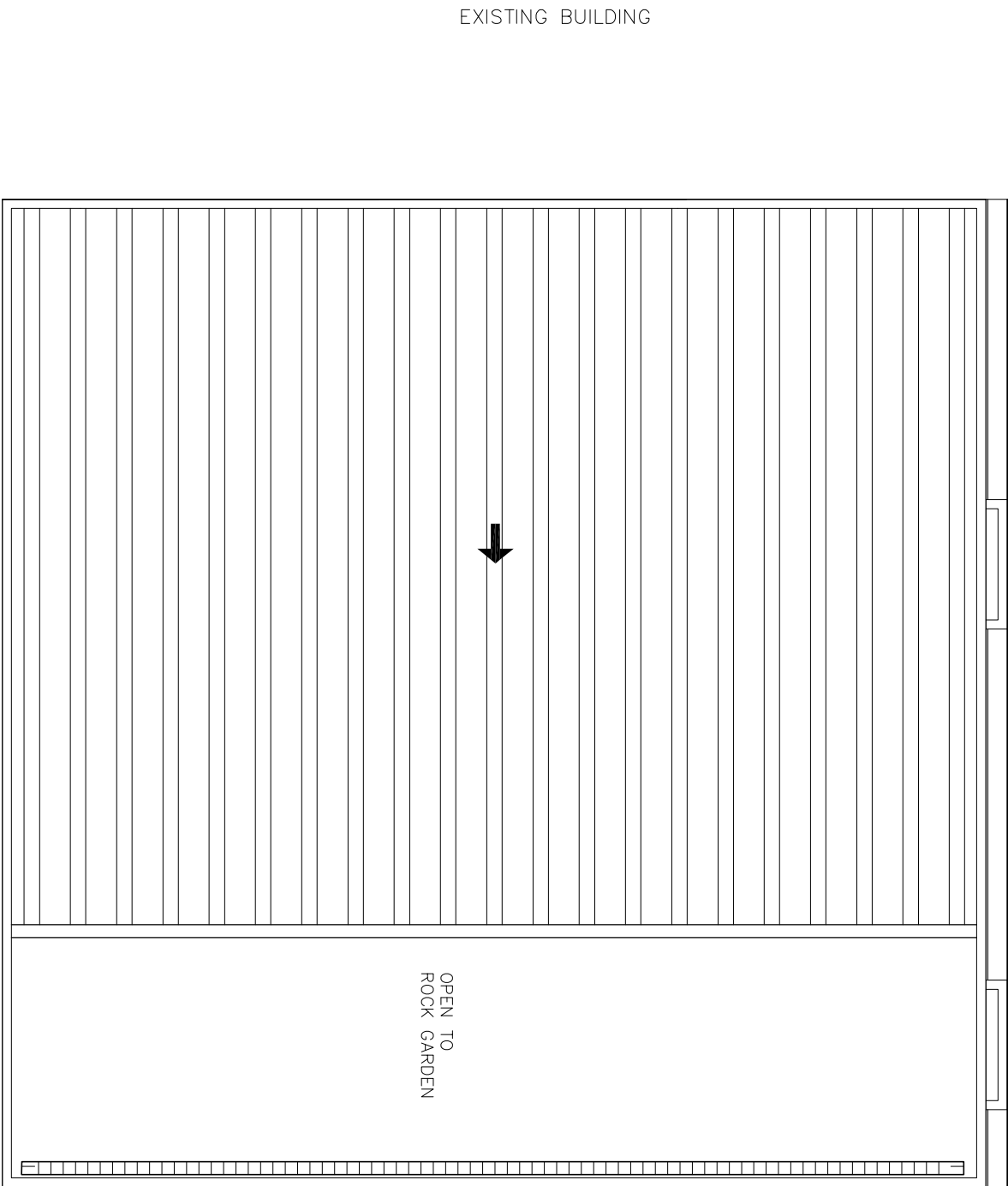
PROJECT: HITHADHOO CAMPUS DEVELOPMENT PH 02

CLIENT: MALDIVES NATIONAL UNIVERSITY

DATE: DEC 2014

DESIGN BY:

 **MAGNATE**
MALDIVES.PVT.LTD
Building Design & Consultancy Services
Hithunnaib' Fiet # 54-2-05, Male' Republic of Maldives
e - mail: magnatemaldives@gmail.com Phone: 7785037



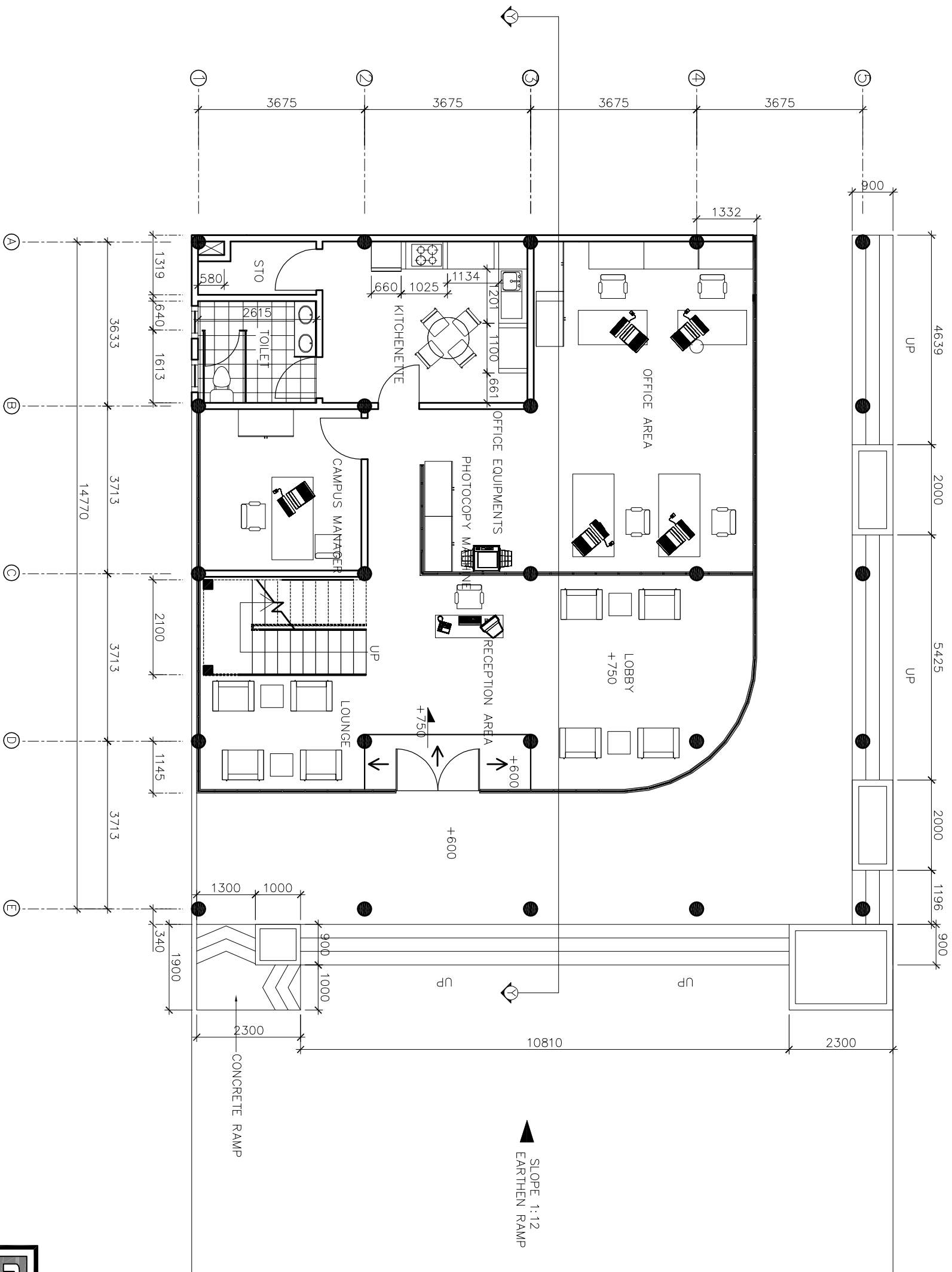
NOTE:
-STRUCTURE ELEVATED 600mm FROM MEAN ROAD LEVEL
-EARTHEN RAMP FROM MEAN ROAD LEVEL 1:12 SLOPE
-ALL WASTE SOLID AND LIQUID WILL BE TAKEN TO SEPTIC TANKS & DISCHARGED TO THE SITE
-ADDITIONAL EXTENSION OF CLASSROOM BLOCK POSSIBLE TO THE SITE

SITE PLAN

SCALE 1:100

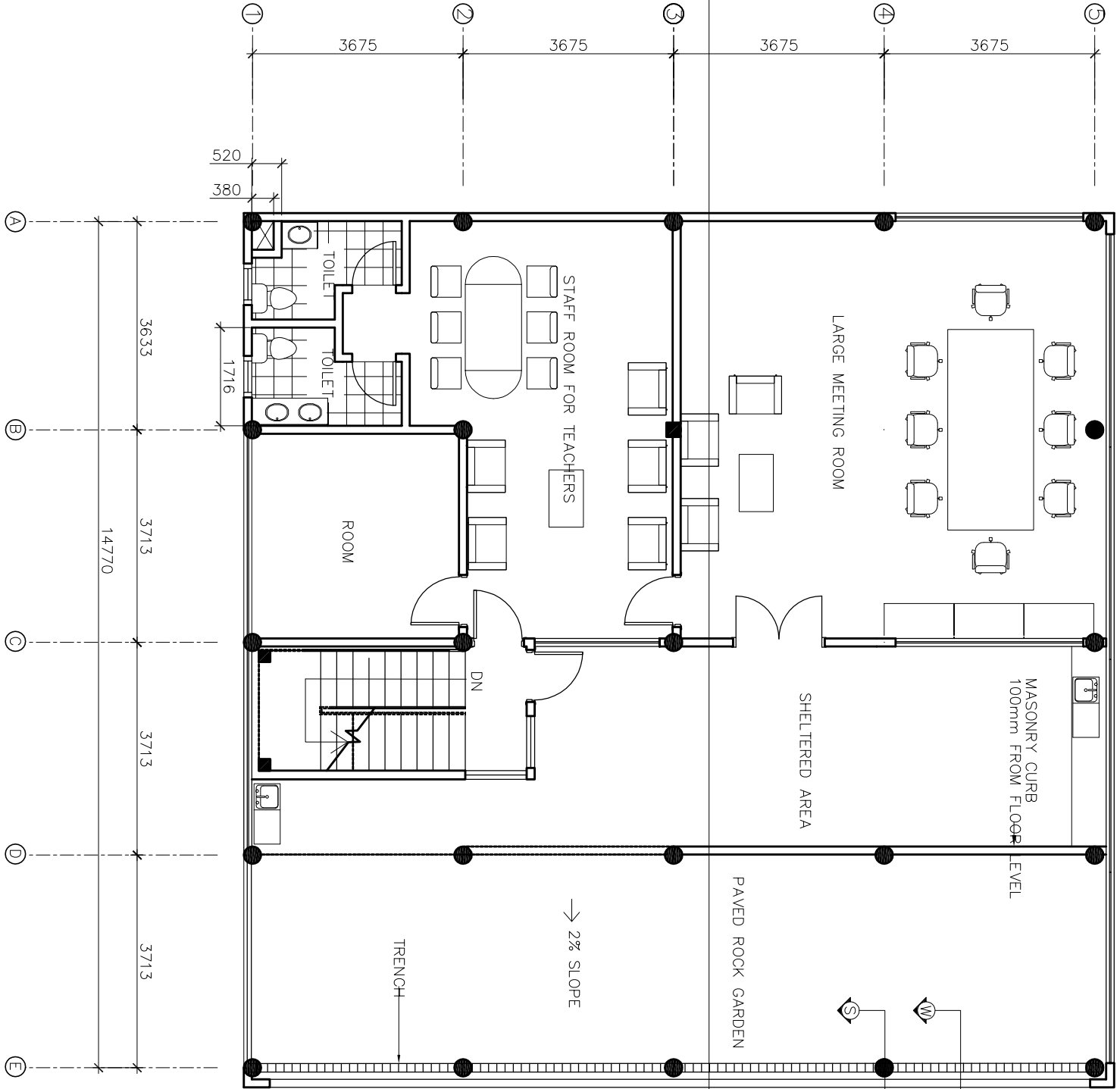
(00 mm)
MEAN ROAD LEVEL
SLOPE 1:12
EARTHEN RAMP

MAGNATE MALDIVES PVT.LTD	
Building Design & Consultancy Services	
Hulhumale' Flat # 54-2-05, Male' Republic of Maldives	
e - mail: magnatemaldives@gmail.com Phone: 7785037	
PROJECT: HITHADHOO CAMPUS DEVELOPMENT	
PH 02 (02 - STOREY BUILDING)	
CLIENT: MNU	DATE: DEC.2014
DRAWN: MUMTHAZ AHMED	
ARCH: MUAZ MOHAMED	
ENGINEER: SHIFAZ ALI	# A01



GROUND FLOOR PLAN
SCALE 1:100

MAGNATE MALDIVES PVT.LTD	
Building Design & Consultancy Services	
Hulhumale' Flat # 54-2-05, Male' Republic of Maldives	
e - mail: magnatemaldives@gmail.com Phone: 7785037	
PROJECT: HITHADHOO CAMPUS DEVELOPMENT	
PH 02 (02 - STOREY BUILDING)	
CLIENT: MNU	DATE: DEC. 2014
DRAWN: MUMTHAZ AHMED	
ARCH: MUHAZ MOHAMED	
ENGINEER: SHIFAZ ALI	# A02

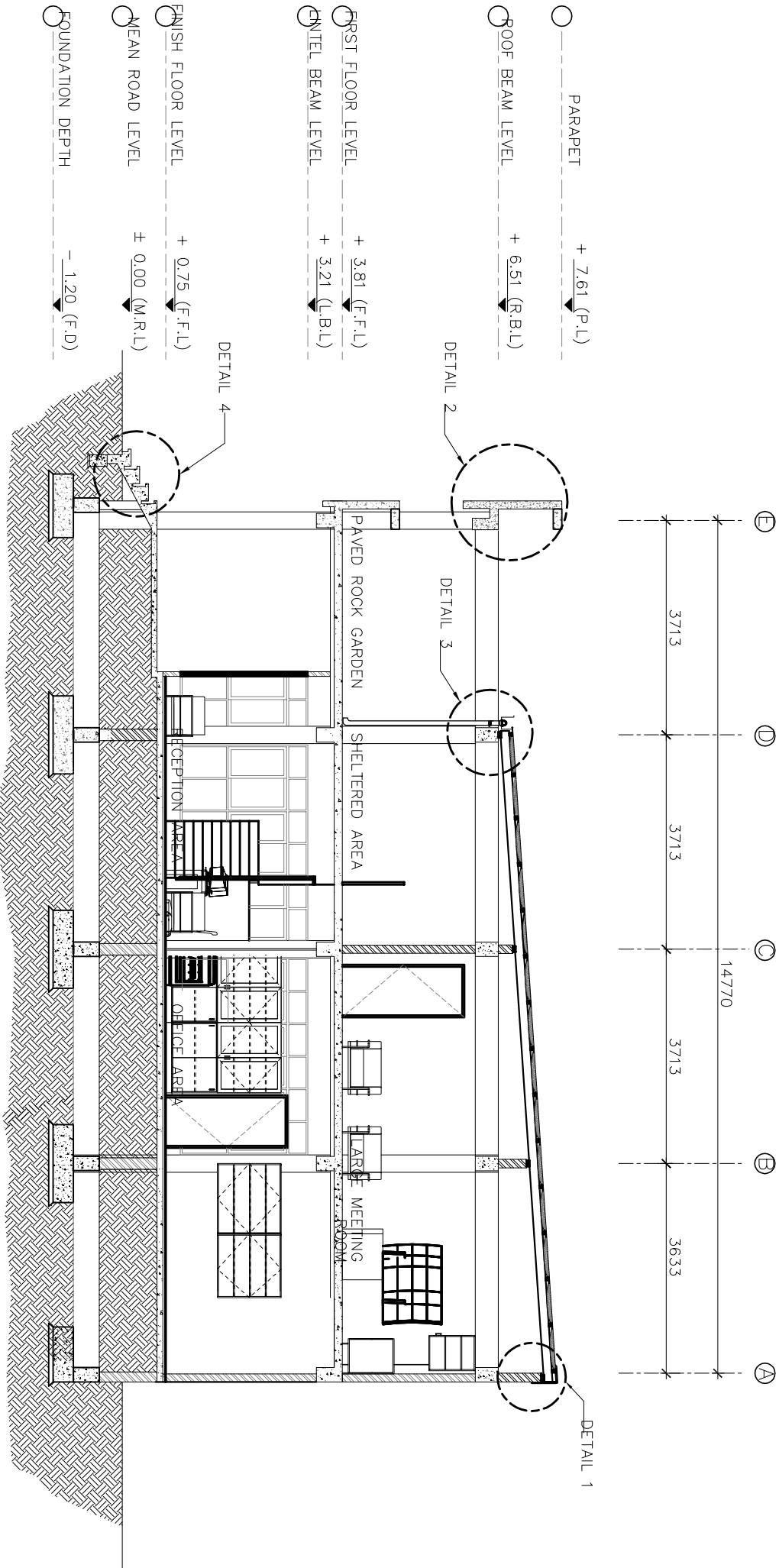


FIRST FLOOR PLAN
SCALE 1:100










SYMBOL	D1	D2	D3	D4	D5
ELEVATION					
LOCATION	FLOOR 01	FLOOR 01	FLOOR 01	FLOOR 01	FLOOR 01
QUANTITY	04 07	00 02	10 08	01 -	04 07
JAMB	TIMBER	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED
FRAME	TREATED TIMBER FRAMING TO DOOR LEAF	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED	TREATED TIMBER FRAMING TO DOOR LEAF
CORE	HOLLOW CORE	HOLLOW CORE	HOLLOW CORE	-	HOLLOW CORE
PANEL	PLYWOOD PANEL (10mm VISION PANEL CLEAR GLASS	GLASS PANEL (10MM THICK TEMPERED GLASS)	PVC PANEL	GLASS PANEL (10MM THICK TEMPERED GLASS)	PLYWOOD PANEL
FINISH	GLOSS PAINT FINISH	REFLECTIVE ONE WAY MIRROR TINT	GLOSS PAINT FINISH	REFLECTIVE ONEWAY MIRROR TINT	GLOSS PAINT FINISH
UNTEL	REINFORCED CONCRETE UNTEL	-	REINFORCED CONCRETE UNTEL	-	REINFORCED CONCRETE UNTEL
HINGE	STAINLESS STEEL HINGES	BOTTOM FIXED HINGES	STAINLESS STEEL HINGES	BOTTOM FIXED HINGES	STAINLESS STEEL HINGES
LOCK	DEAD BOLT	BOTTOM LOCK BOLT SETTING	CYLINDRICAL DOOR LEVER TYPICAL DOOR KNOB	BOTTOM LOCK BOLT SETTING	DEAD BOLT
CLOSER	SURFACE MOUNTED 1WAY	DOOR CLOSER CONCEALED IN FLOOR	-	EXTERIOR DOOR CLOSER CONCEALED IN FLOOR	SURFACE MOUNTED 1WAY
STOP	DOOR STOPPER WITH RUBBER GUARD, PART MOUNTED ON FLOOR	DOOR STOPPER WITH RUBBER GUARD, PART MOUNTED ON FLOOR OR WALL	DOOR STOPPER WITH RUBBER GUARD, PART MOUNTED ON FLOOR OR WALL	DOOR STOPPER WITH RUBBER GUARD, PART MOUNTED ON FLOOR OR WALL	DOOR STOPPER WITH RUBBER GUARD, PART MOUNTED ON FLOOR OR WALL
ADDITIONAL INFORMATION	USE MINIMUM 1/4" THICK PLYWOOD ON ALL WOODEN DOORS	10MM THICK TEMPERED GLASS	10MM THICK TEMPERED GLASS	USE MINIMUM 1/4" THICK PLYWOOD ON ALL WOODEN DOORS	USE MINIMUM 1/4" THICK PLYWOOD ON ALL WOODEN DOORS

- NOTE:
- Shop drawings and technical specifications for all aluminium doors and windows showing details of sections, assembly, type of locks, hinges, bolts and handles should be submitted by the contractor for the consultants approval.
 - All elevations shown from outside and all swings open out.
 - For doors see swings indicated on floor plans.
- All measurements to be checked on site.

DOOR WINDOW SCHEDULE -01

SCALE 1:50



Building Design & Consultancy Services

Hulumale Flat # 54-2-05, Male' Republic of Maldives

e-mail: magnate.maldives@gmail.com Phone: 7785037

PROJECT: HITHADHOO CAMPUS DEVELOPMENT

PH 02 (02-STORY BUILDING)

CLIENT: MNU

DATE: DEC. 2014

DRAWN: MUMTHAZ AHMED

ARCH: MU'AZ MOHAMED

ENGINEER: SHIFA'Z ALI

A011

SYMBOL	W2									
ELEVATION										
LOCATION	FLOOR	FLO1								
QUANTITY	01	-								
JAMB	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED TO CONCRETE									
FRAME	ANODIZED ALUMINUM FRAMING									
CORE	ALUMINUM									
PANEL	6MM REFLECTIVE ONE-WAY MIRROR TINT									
FINISH	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED TO CONCRETE									
LINTEL	-									
HINGE	FIXED									
LOOK	-									
CLOSER	-									
STOP	-									
ADDITIONAL WINDOWS ON THE CURVES ARE FIXED WINDOWS INFORMATION										

SYMBOL	W3									
ELEVATION										
LOCATION	FLOOR	FLO1								
QUANTITY	00	01								
JAMB	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED TO CONCRETE									
FRAME	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED TO CONCRETE									
CORE	-									
PANEL	6MM REFLECTIVE ONE-WAY MIRROR TINT									
FINISH	25MM MICRO ANODIZED ALUMINUM / BRONZE FIXED TO CONCRETE									
LINTEL	REINFORCED CONCRETE LINTEL									
HINGE	FIXED									
LOOK	TYPICAL LATCH									
CLOSER	-									
STOP	-									
SLIDING WINDOWS										


~~DOOR~~ OR WALL

NOTE:

- Shop drawings and technical specifications for all aluminium doors and windows showing details of sections, assembly, type of locks, hinges, bolts and handles should be submitted by the contractor for the consultants approval.
- All elevations shown from outside and all swings open out.
- For doors see swings indicated on floor plans.
- All measurements to be checked on site.

DOOR WINDOW SCHEDULE -02

SCALE 1:50

	
MAGNATE MALDIVES.PVT.LTD	
Building Design & Consultancy Services	
Hulhumale' Flat # 54-2-05, Male' Republic of Maldives e - mail: magnatemaildives@gmail.com Phone: 7783037	
PROJECT:	HITTAADHOO CAMPUS DEVELOPMENT PH 02 (02- STORE BUILDING)
CLIENT:	MNU DATE: DEC. 2014
DRAWN:	MUMTHAZ AHMED
ARCH:	MU'AZ MOHAMED
ENGINEER:	SHIFA'Z ALI # A012


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NOTE:

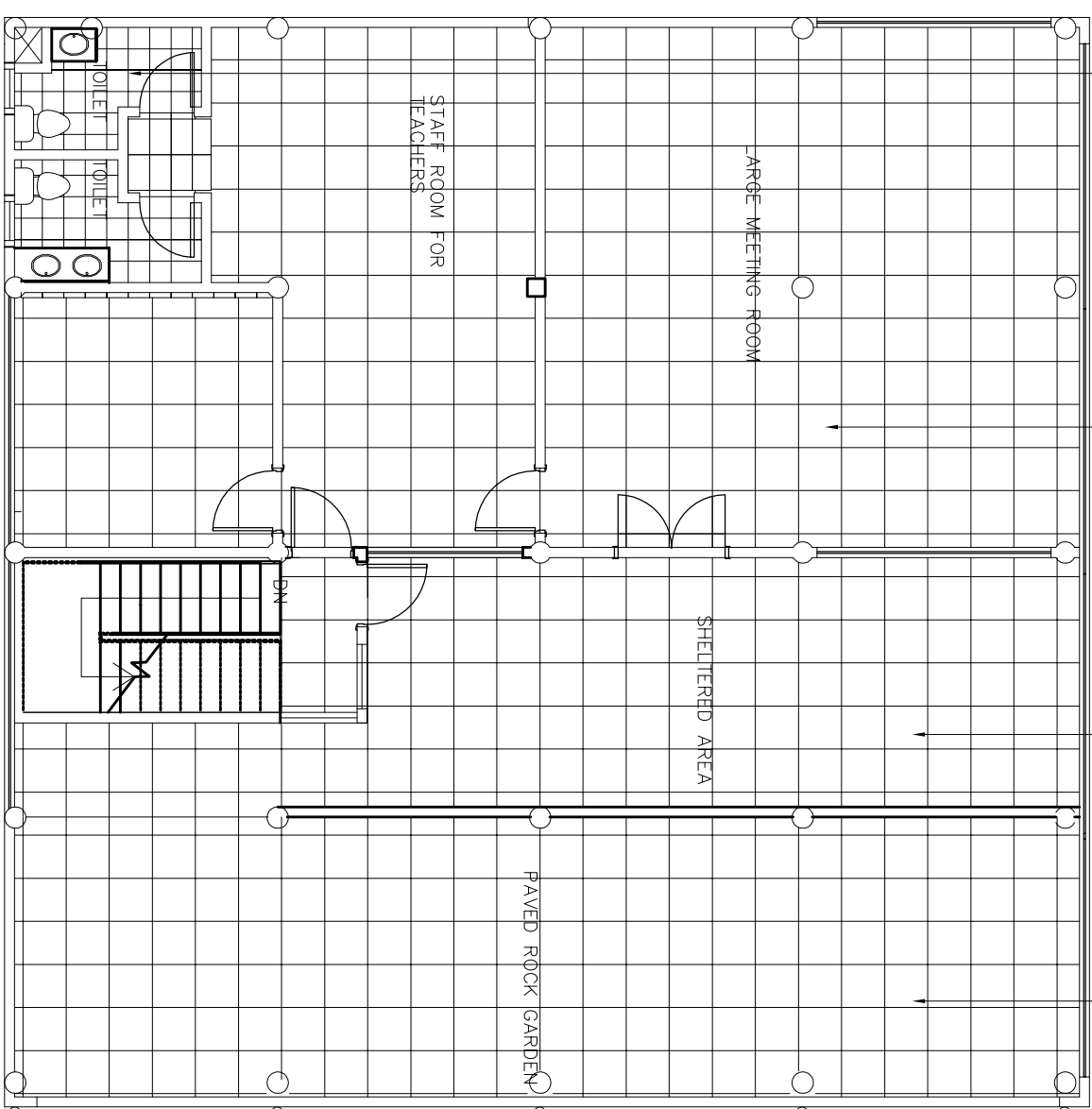
- Shop drawings and technical specifications for all aluminium doors and windows showing details of sections, assembly, type of locks, hinges, bolts and handles should be submitted by the contractor for the consultants approval.
 - All elevations shown from outside and all swings open out.
 - For doors see swings indicated on floor plans.
- All measurements to be checked on site.

DOOR WINDOW SCHEDULE -03

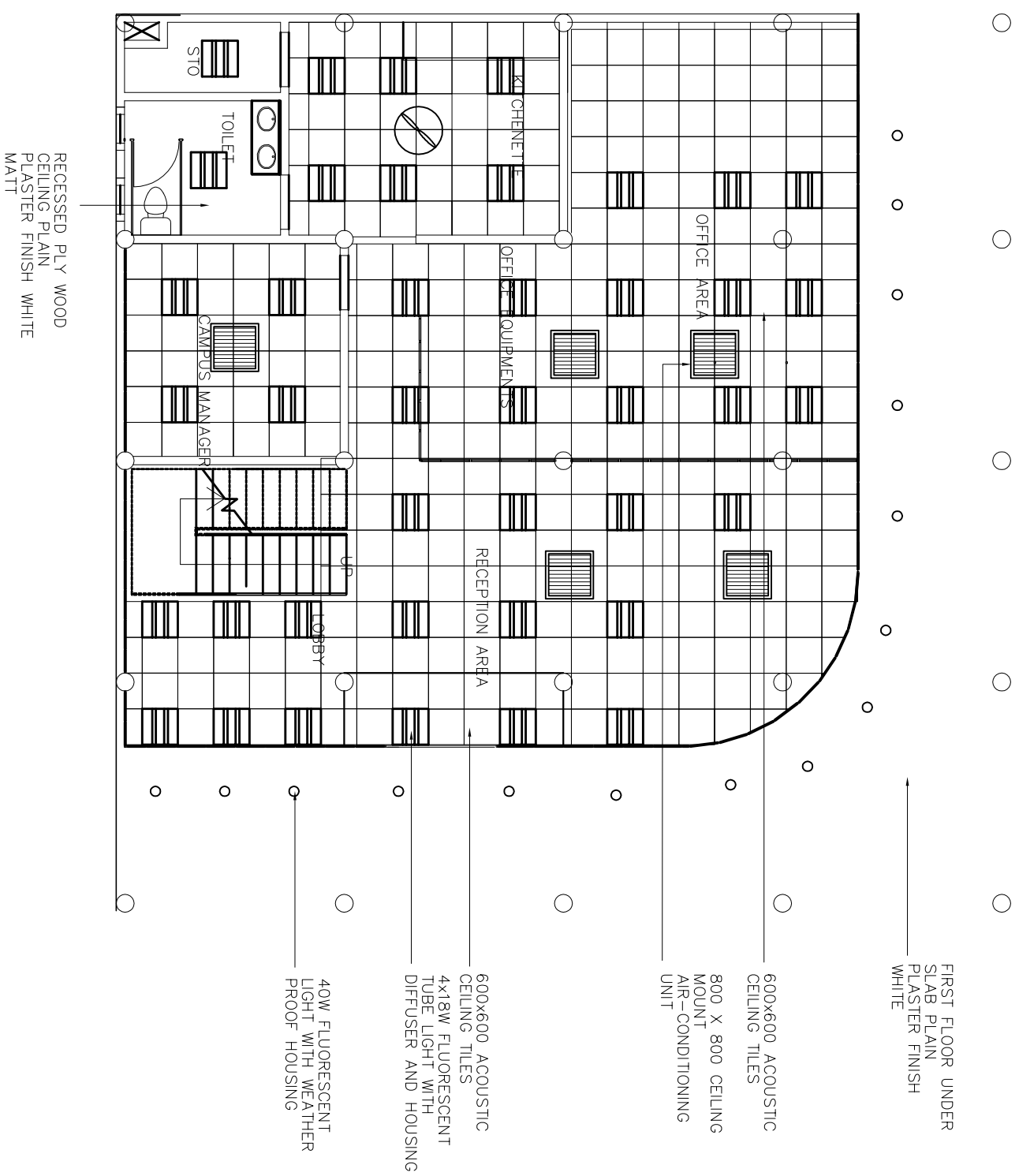
SCALE 1:50

	
MAGNATE MALDIVES.PVT.LTD	
Building Design & Consultancy Services	
Hultimale/ Flat # 54-2-05 Male' Republic of Maldives e - mail: magnatemaldives@gmail.com Phone: 7783037	
PROJECT: HITTAHDHO CAMPUS DEVELOPMENT PH 02 (02- STOREY BUILDING)	
CLIENT: MNU	DATE: DEC. 2014
DRAWN: MUMTHAZ AHMED	
ARCH: MU'AZ MOHAMED	
ENGINEER: SHIFAZ ALI	# A013

— TERRACOTTA TILES
(600MM x 600MM)

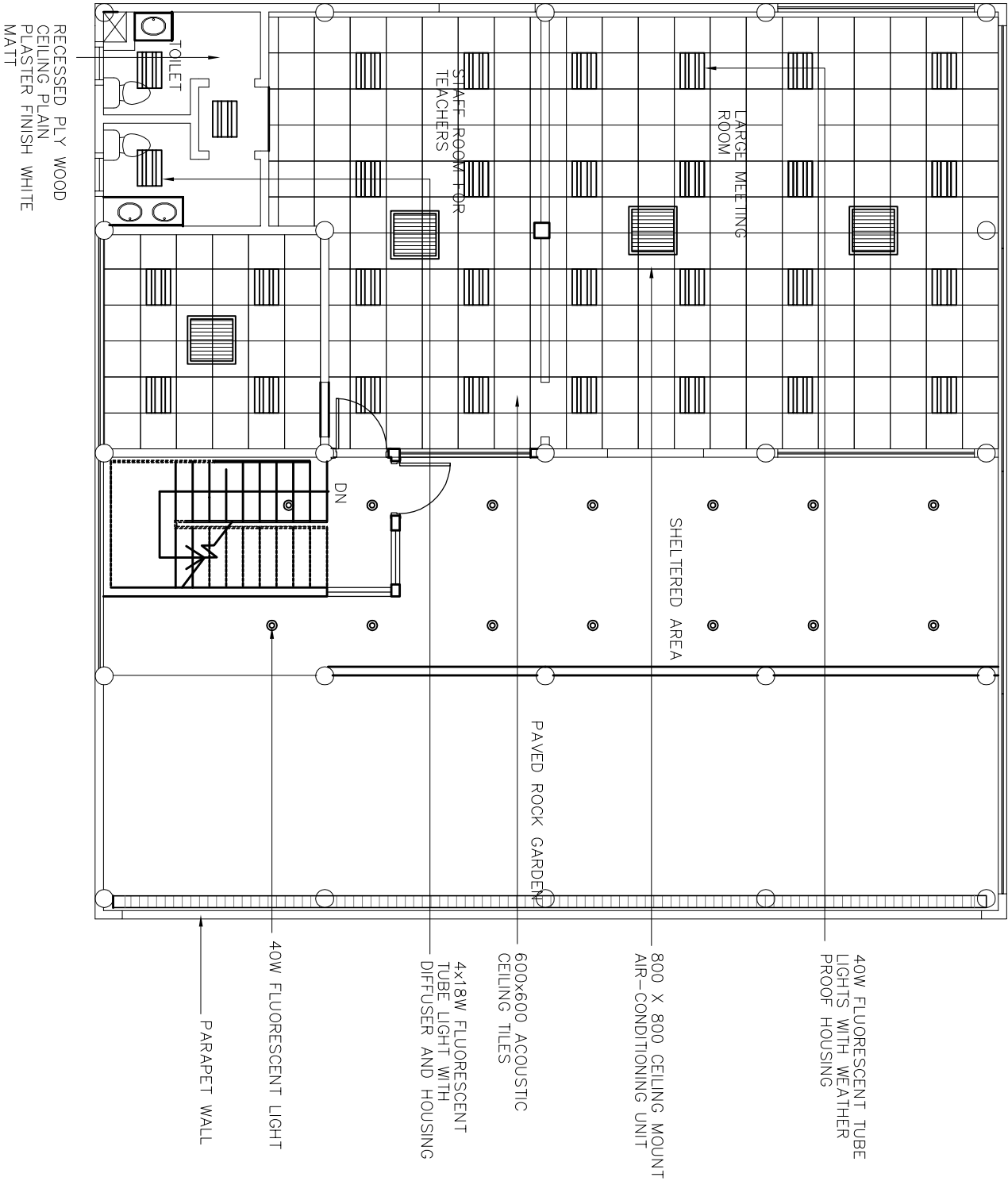


SCALE 1:100



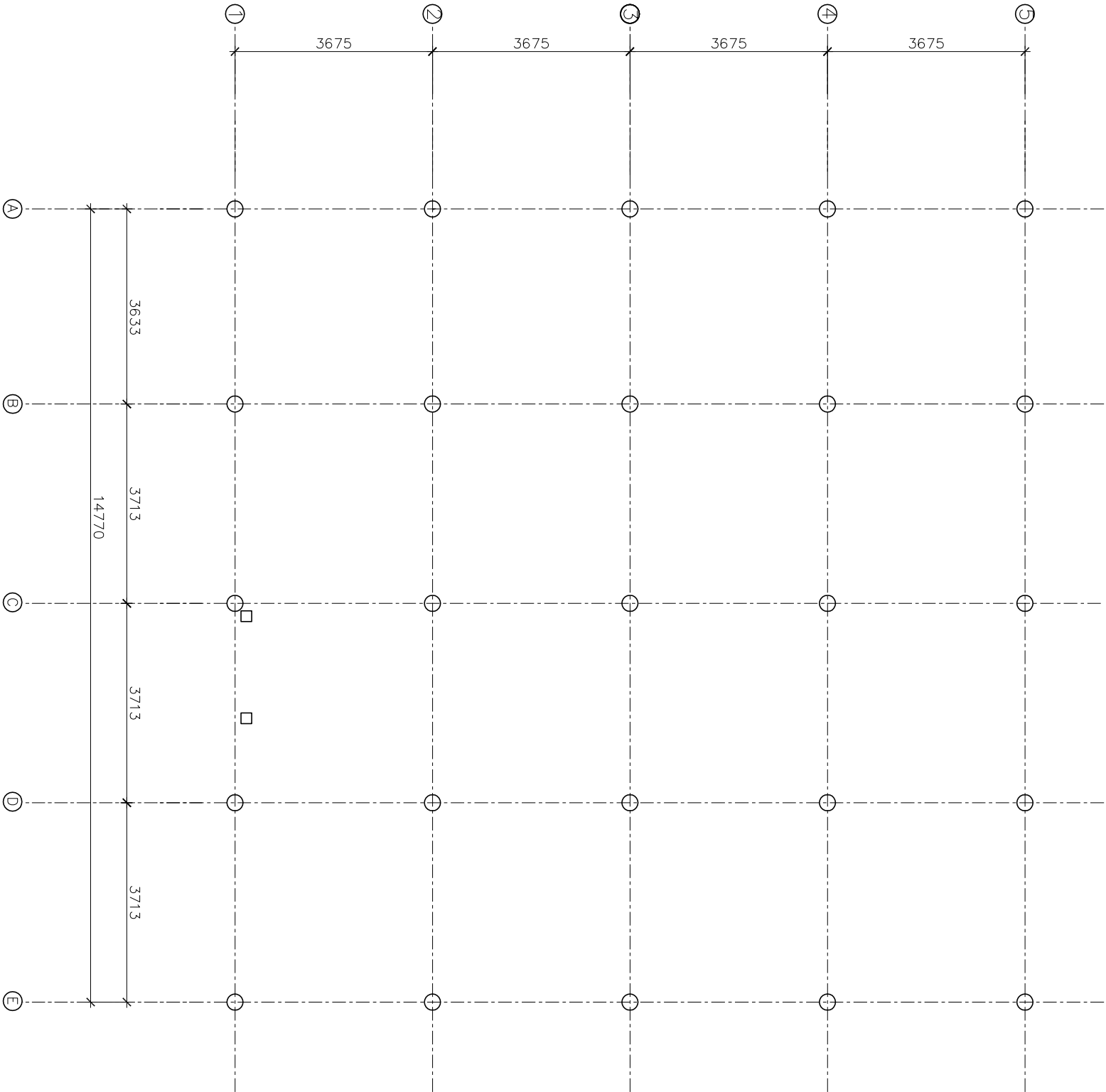
REFLECTED CEILING PLAN GROUND FLOOR

SCALE 1:100

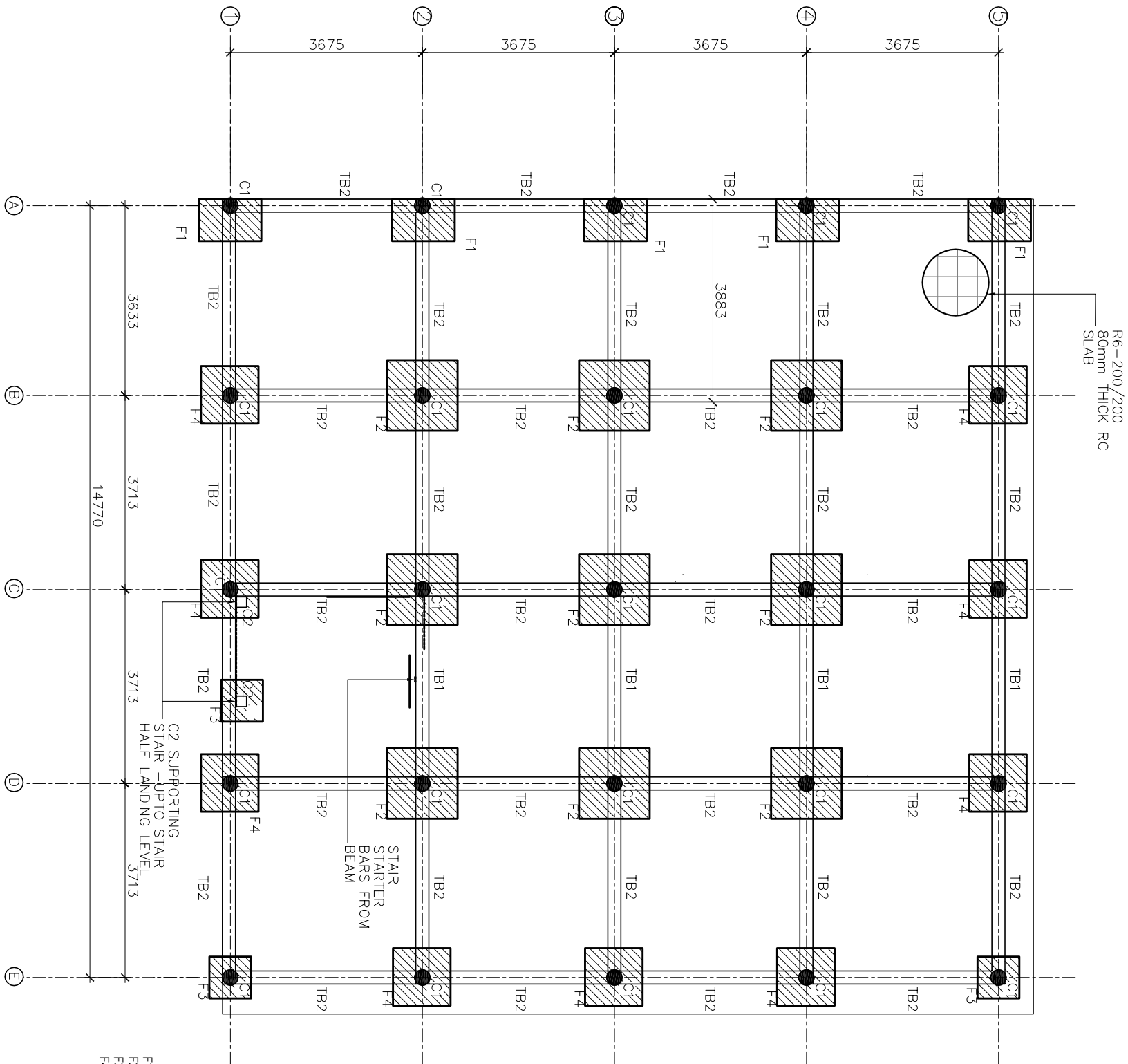


SCHEDULE OF FINISHES OF DHANAALU

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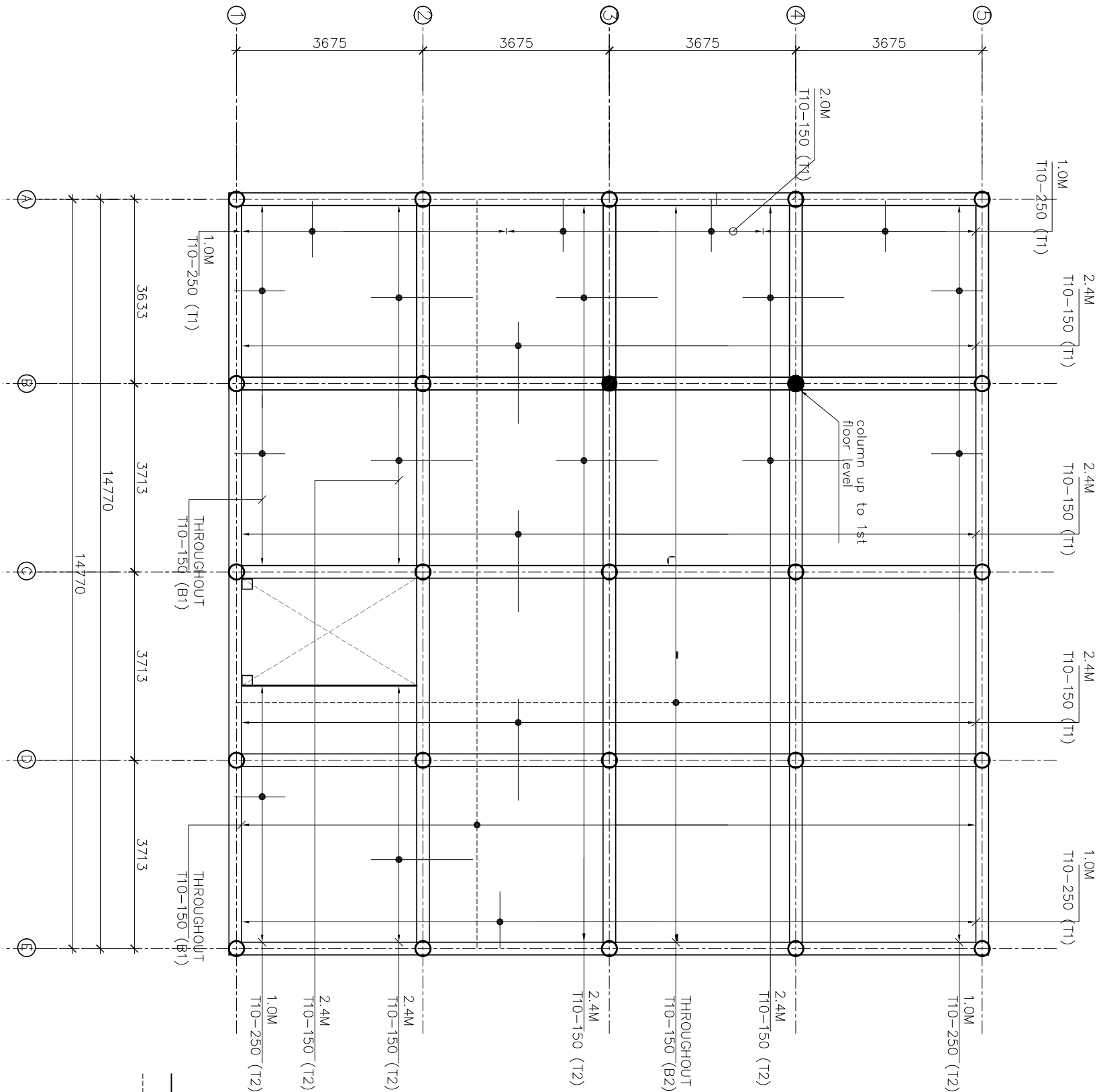
COLUMN SETTING LAYOUT
SCALE 1:100



F1 - 1200 X 800 X 300 - T10 @ 150 BW/BOTTOM ONLY
F2 - 1200 X 1200 X 300 - T10 @ 150 BW/BOTTOM ONLY
F3 - 750 X 750 X 300 - T10 @ 150 BW/BOTTOM ONLY
F4 - 900 X 900 X 300 - T10 @ 150 BW/BOTTOM ONLY

FOUNDATION PLAN

SCALE 1:100

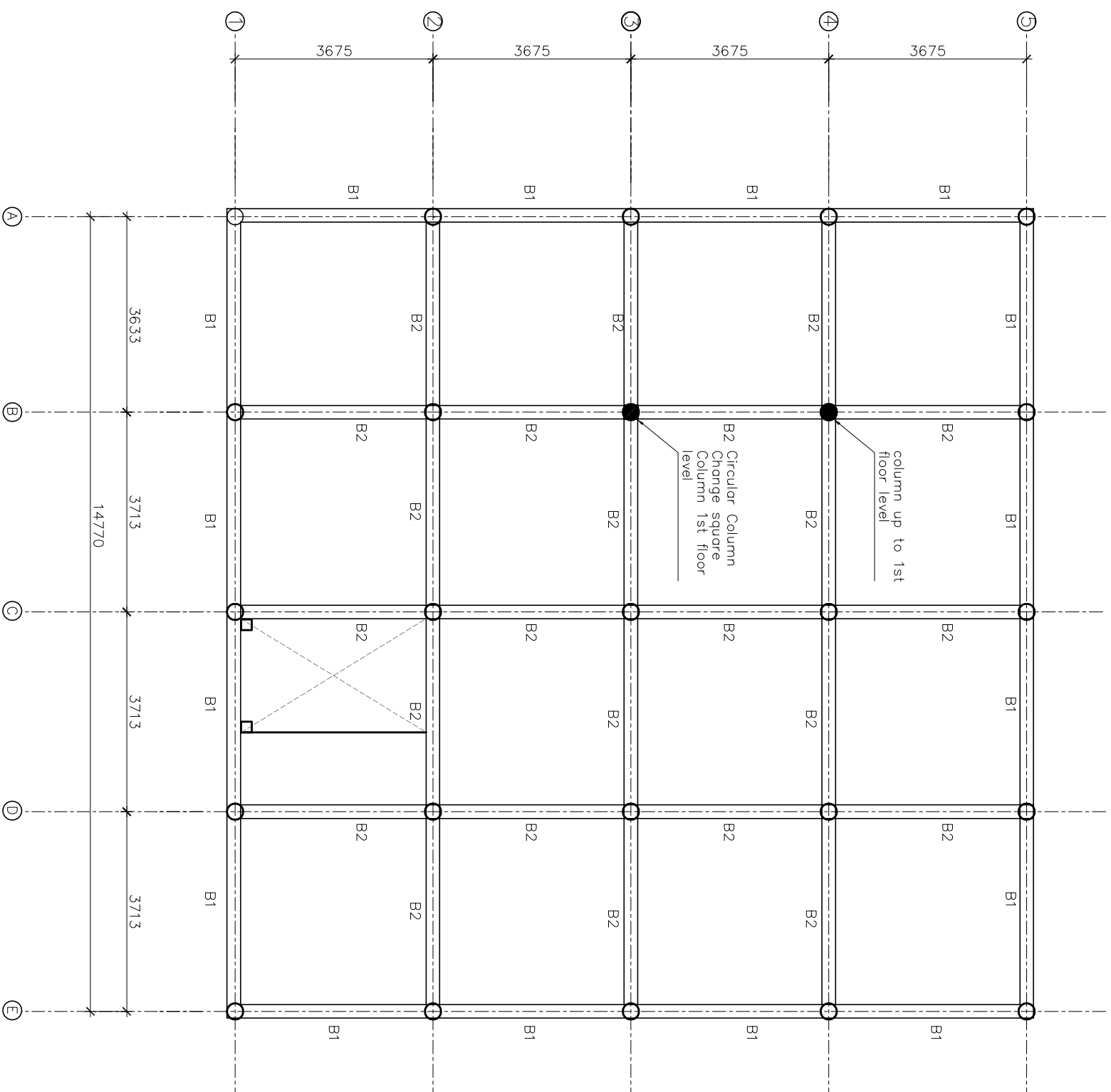


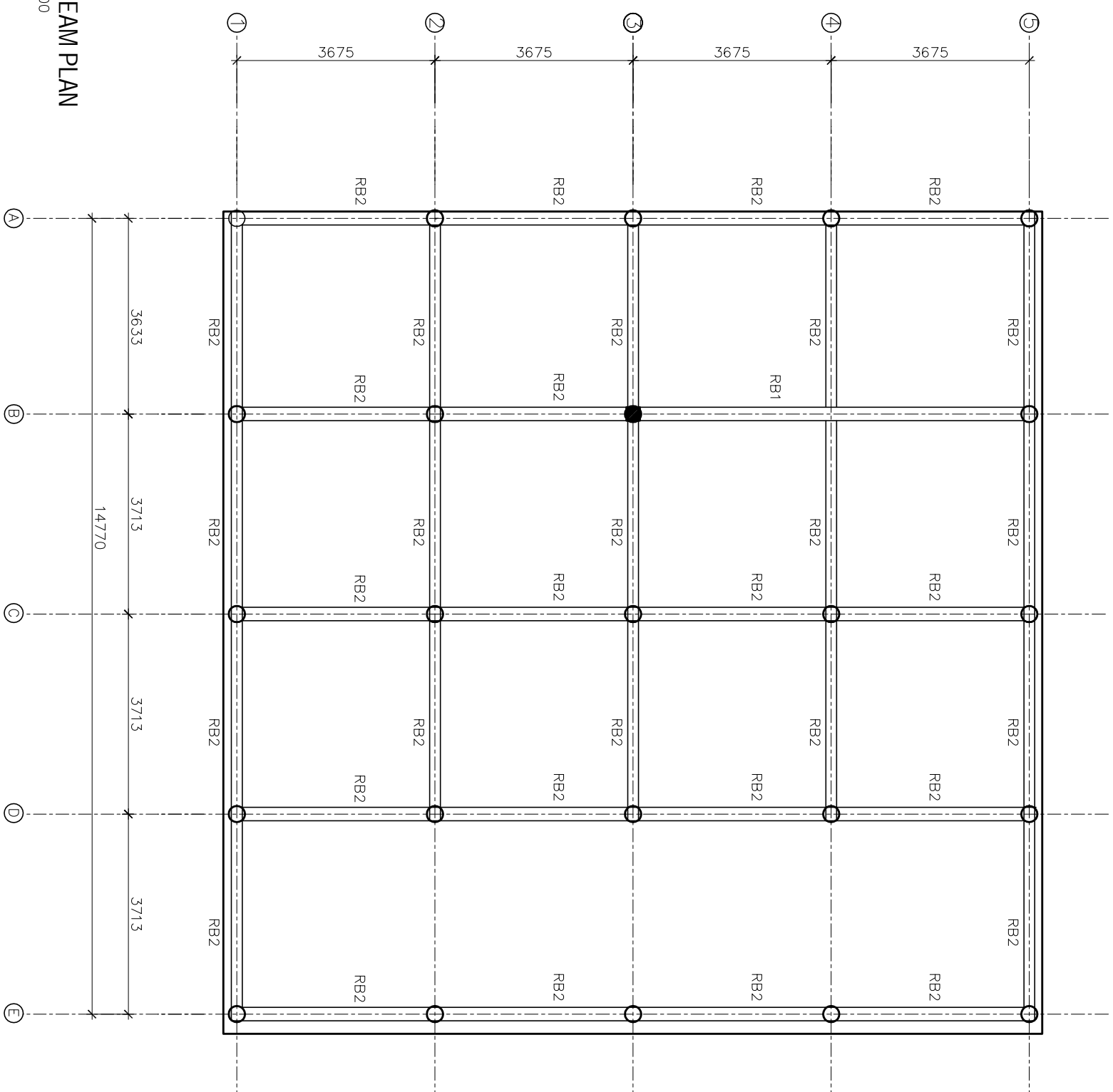
TOP RFMT
BOTTOM RFMT (T10-150 / 150 (B)
THROUGHOUT

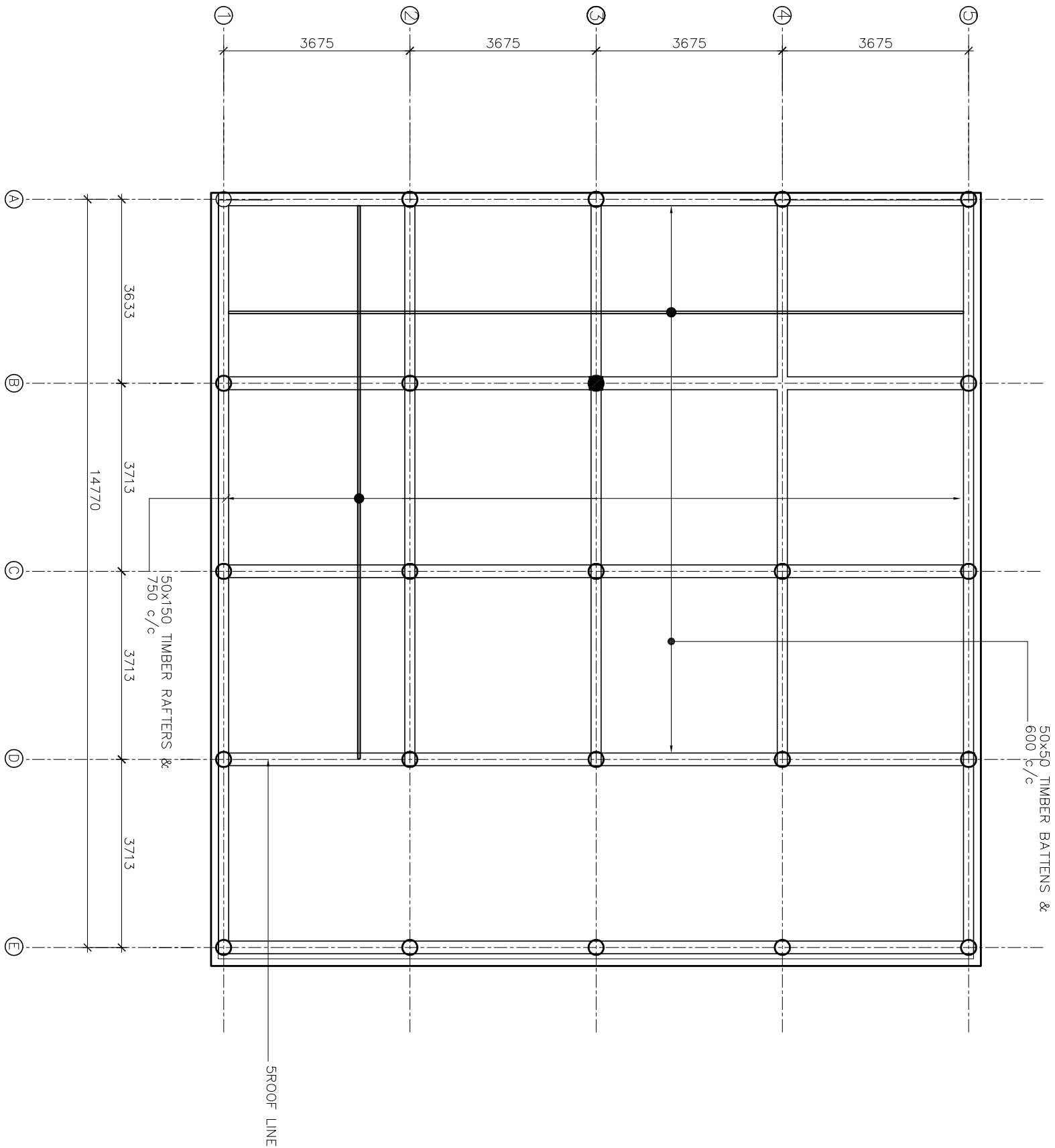
SLAB REINFORCEMENT PLAN

SCALE 1:100

SCALE 1:100







ROOF STRUCTURE PLAN
SCALE 1:100

MAGNATE

MALDIVES PVT LTD

Building Design & Consultancy Services

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PROJECT: HITHADHOO CAMPUS DEVELOPMENT

CLIENT: MNU

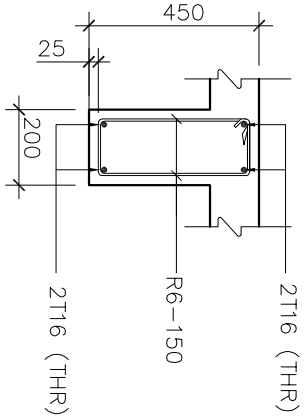
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ARCH: MU'AZ MOHAMED

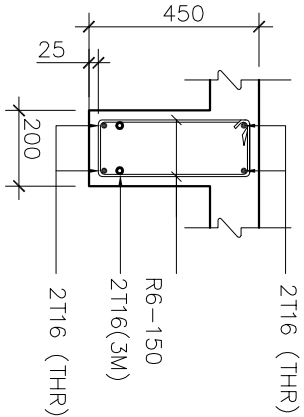
ENGINEER: SHIFAZ ALI

DATE: DEC.2014

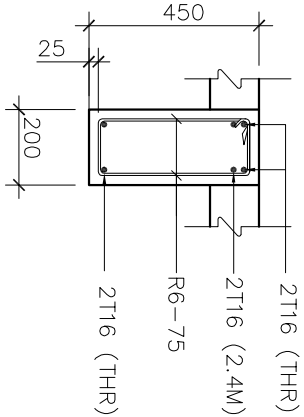
S06



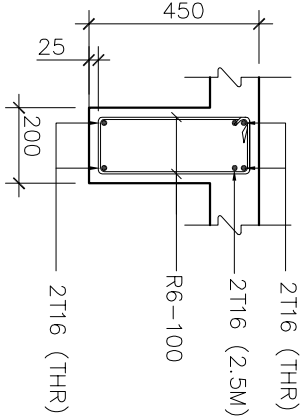
BEAM - B1



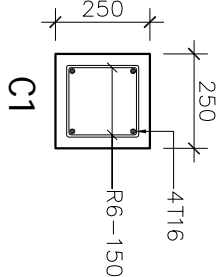
@ MID-SPAN



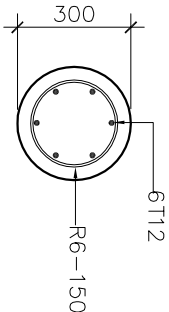
@ SUPPORT



BEAM - CB1

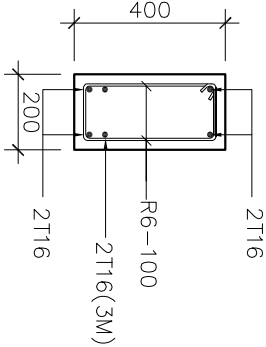


C1

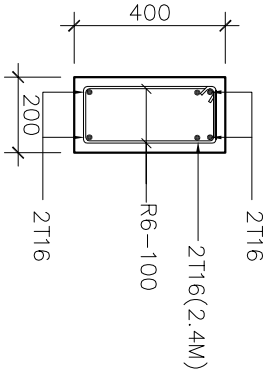


IF YOU CHANGE TO SQUARE COLUMNS,
USE THIS ONE AS C1

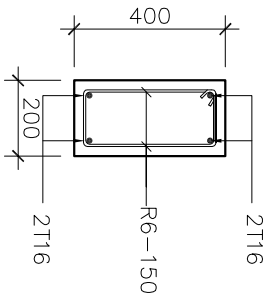
TYPICAL COLUMN - C1
SCALE 1:20



@ MID-SPAN

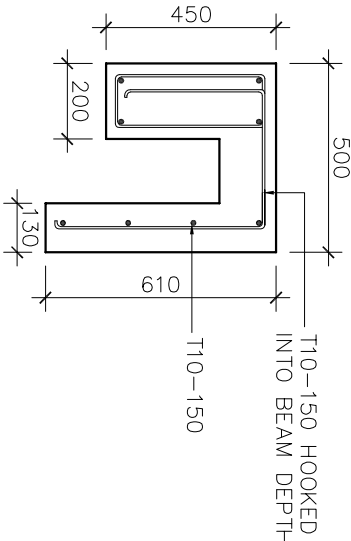


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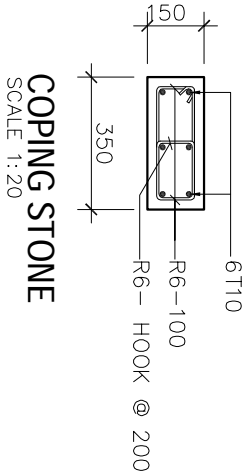
ROOF BEAM RB2

SCALE 1:20



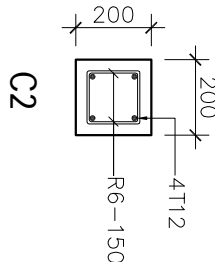
RB2 WITH COPING STONE

SCALE 1:20



COPING STONE

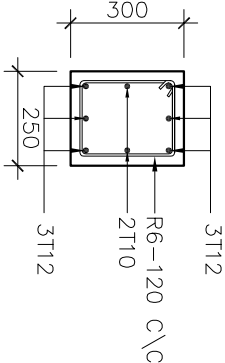
SCALE 1:20



C2

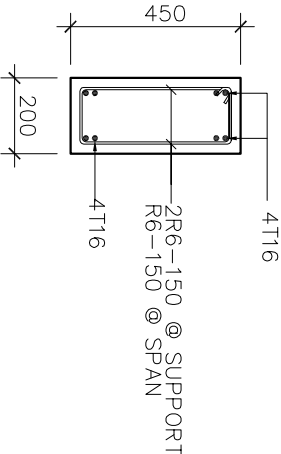
COLUMN C2 ONLY UPTO STAIR
HALF LANDING LEVEL ONLY

SCALE 1:20



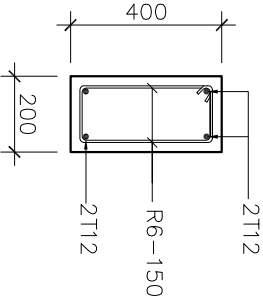
FOUNDATION BEAM - TB

SCALE 1:20



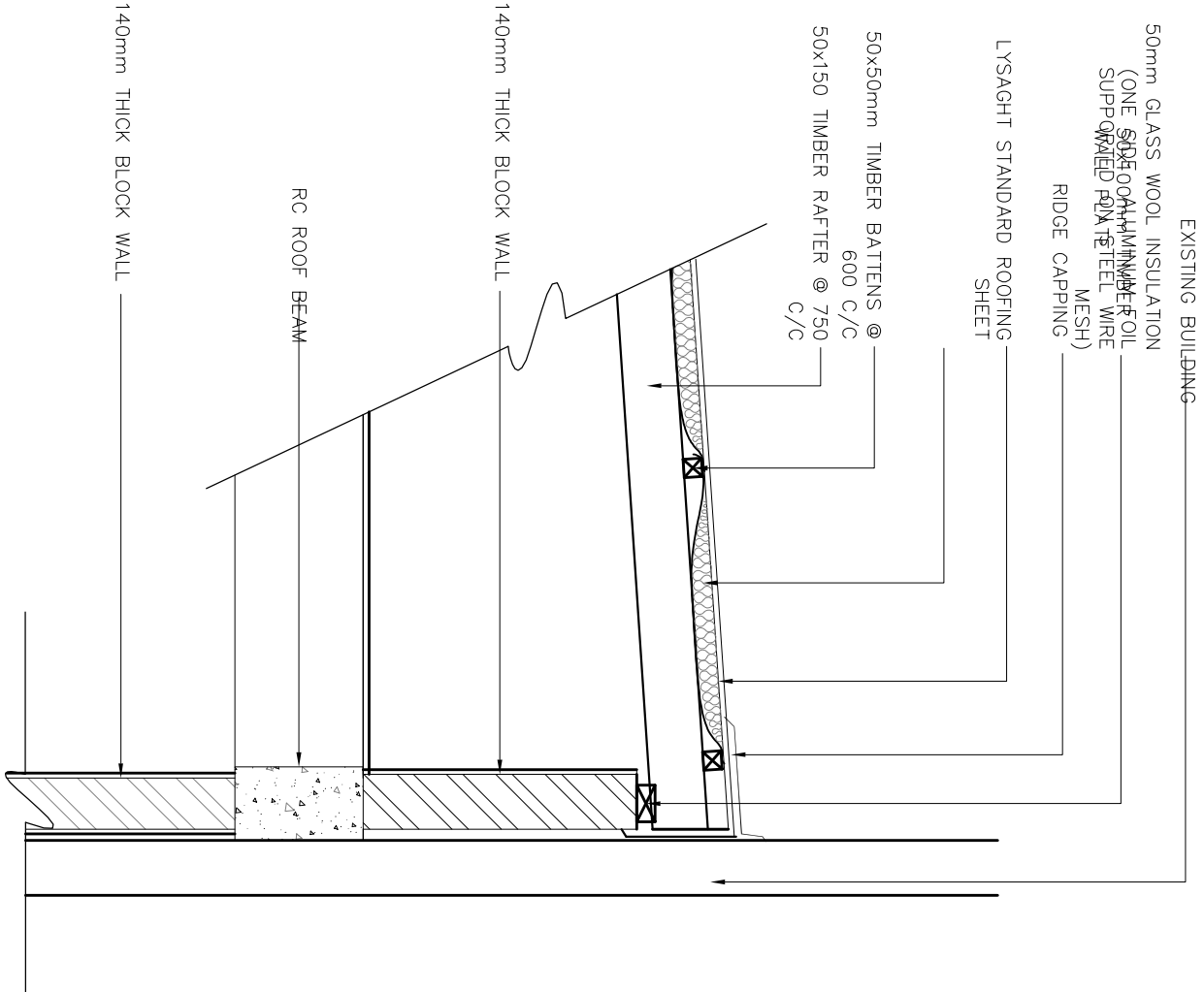
TB1

SCALE 1:20

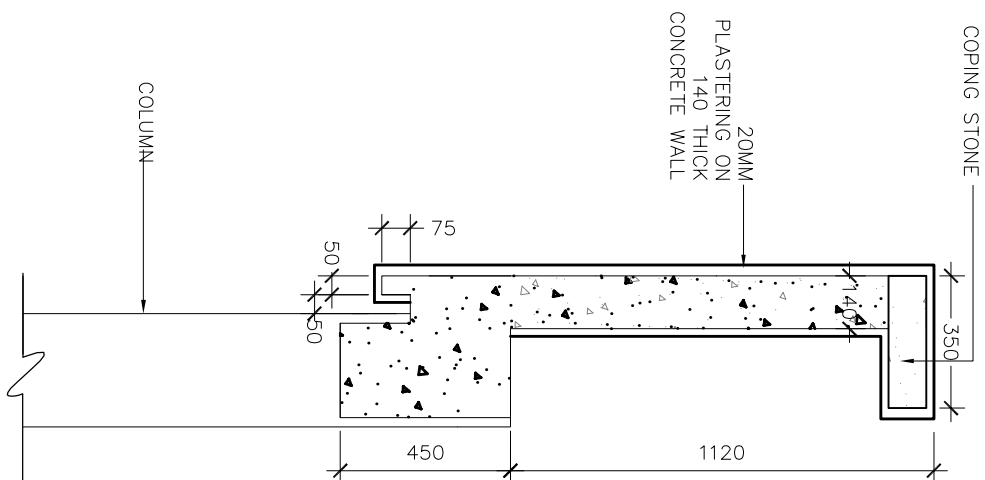


TB2

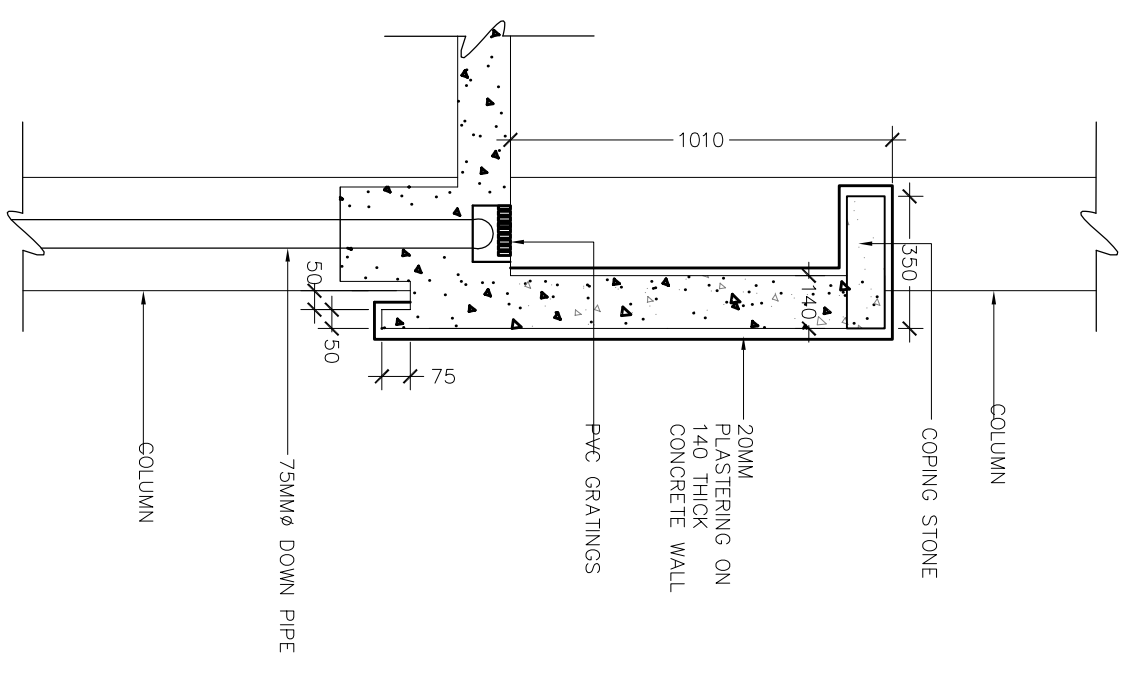
SCALE 1:20



DETAIL 1
SCALE 1:20




























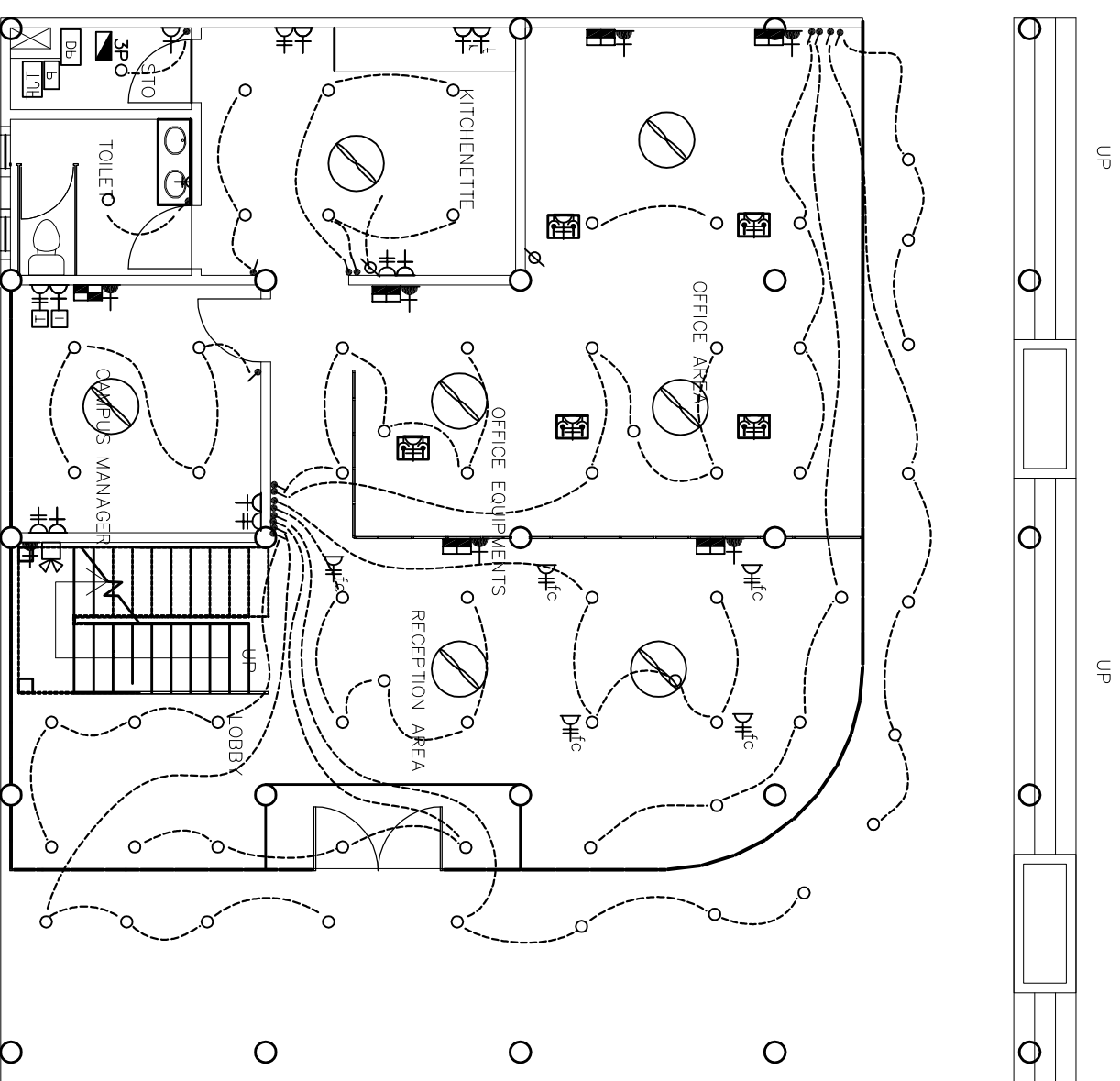
DETAIL 2
SCALE 1:20



SECTION S-S
SCALE 1:20

LEGEND

- | | |
|---|---|
|  | 2x4' TUBE LIGHT WITH DIFFUSER |
|  | 2x4' WALL MOUNT TUBE LIGHT WITH WEATHER PROOF HOUSING |
|  | WEATHER PROOF WALL MOUNT LIGHT |
|  | 2x4w FLUORESCENT TUBE LIGHT ON 600x600mm HOUSING |
|  | WEATHER PROOF FLOOR MOUNT UP--LIGHTER |
|  | PENDANT LIGHT 60W |
|  | EMERGENCY LIGHT, 2 HRS NON MAINTAINED FLOOR CONCEALED |
|  | MULTIMEDIA OUTLET CONSISTING OF 2GANG 13A SOCKET, R411 AND R445 FEMALE CONNECTORS |
|  | 2 GANG 13A SOCKET |
|  | FLOOD LIGHT |
|  | 1133A SOCKET OUTLET FOR FRIDGE |
|  | 1133A SOCKET OUTLET FOR RANGE |
|  | 2x13A SOCKET OUTLET |
|  | 1x15A SOCKET OUTLET (2700mm ABOVE FRL) |
|  | 1x13A SOCKET OUTLET (2700mm ABOVE FRL) |
|  | WEATHER PROOF 1x13A SOCKET OUTLET (1P65) |
|  | WEATHER PROOF 2x13A SOCKET OUTLET (1P65) |
|  | FLOOR 2x13A SOCKET OUTLET (4P65) |
|  | PHONE OUTLET |
|  | INTERNET OUTLET |
|  | AC CELING MOUNT INDOOR UNIT |
|  | AC WALL MOUNT INDOOR UNIT |
|  | AC OUTDOOR UNIT (WITH ANTI CORROSIVE PAINT) |
|  | PANEL BOARD |
|  | DISTRIBUTION BOARD (SINGLE PHASE) |
|  | 3P DISTRIBUTION BOARD |
|  | 3 PHASE MAIN DISTRIBUTION BOARD (WATER PROOF) |
|  | WATER PROOF DISTRIBUTION BOARD |
|  | TWO WAY SWITCH |
|  | ONE WAY SWITCH |
|  | MASTER CONTROL SWITCH (TURNS OFF ALL LIGHTS EXCEPT ADMIN LIGHTING) |
|  | FAN /LIGHT DIMMER SWITCH |
|  | TELEPHONE JUCTION BOX |
|  | 6 PAIR DISTRIBUTION BOX (TELEPHONE) |
|  | CEILING FAN |

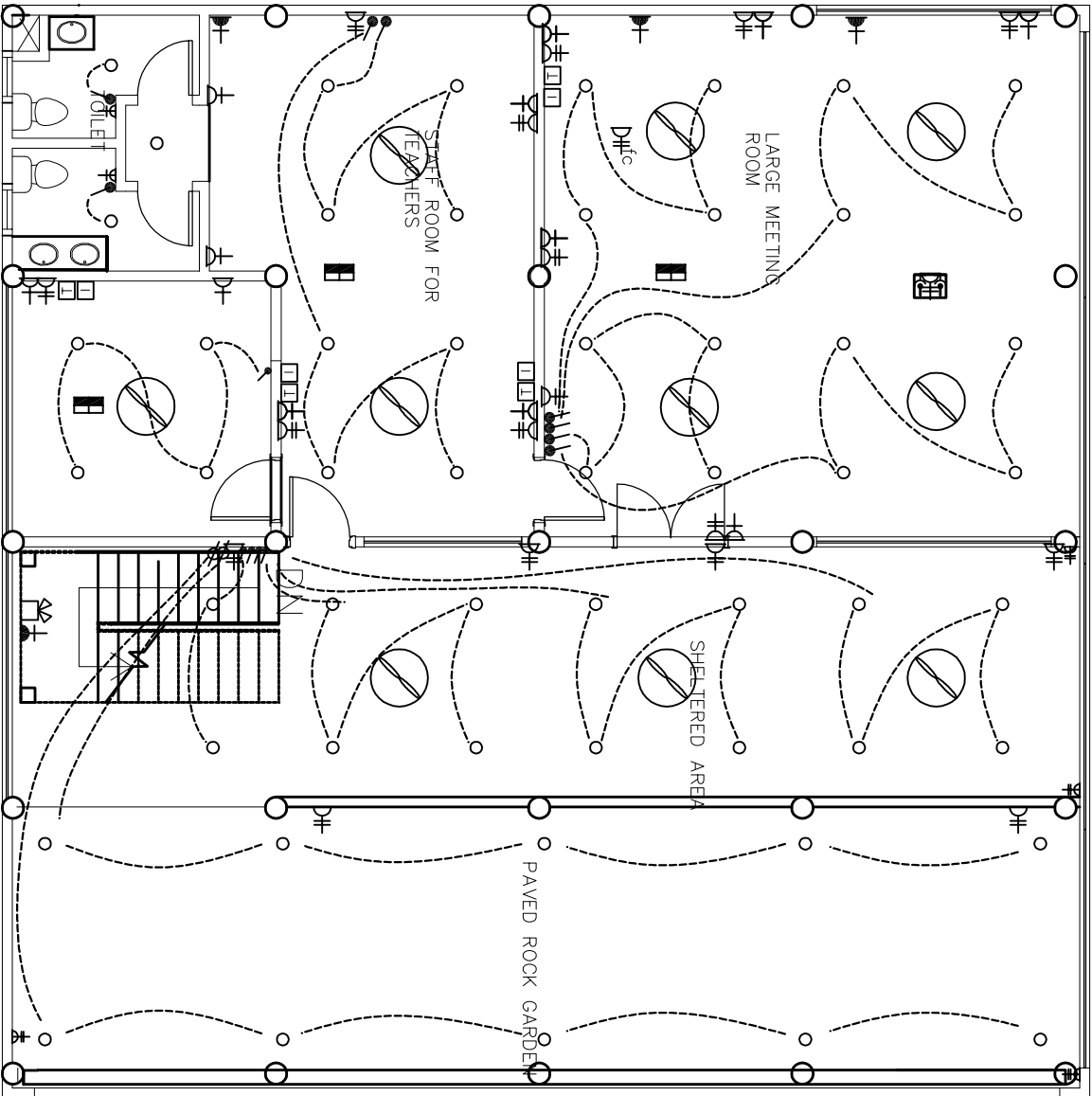


GROUND FLOOR ELECTRICAL LAYOUT

SCALE 1:100

LEGEND

- 2x4' TUBE LIGHT WITH DIFFUSER
- 2x4' WALL MOUNT TUBE LIGHT WITH WEATHER PROOF HOUSING
- WEATHER PROOF WALL MOUNT LIGHT
- 2x4w FLUORESCENT TUBE LIGHT ON 600x600mm HOUSING
- WEATHER PROOF FLOOR MOUNT UP-LIGHTER
- PENDANT LIGHT 60W
- EMERGENCY LIGHT, 2 HRS
- NON MAINTAINED FLOOR CONCEALED MULTIMEDIA OUTLET CONSISTING OF 2GANG 13A SOCKET, RJ45 AND RJ45, FEMALE CONNECTORS 2 GANG 13A SOCKET OUTLET
- Dffc FLOOR CONCEALED 1x13A SOCKET OUTLET FOR FRIDGE
- Df 1x13A SOCKET OUTLET FOR RANGE
- Df 1x13A SOCKET OUTLET
- Df 2x13A SOCKET OUTLET
- Df 1x15A SOCKET OUTLET (2700mm ABOVE FRL)
- Df 1x13A SOCKET OUTLET (2700mm ABOVE FRL)
- Df WEATHER PROOF 1x13A SOCKET OUTLET (1P65)
- Df WEATHER PROOF 2x13A SOCKET OUTLET (1P65) FLOOR 2x13A SOCKET OUTLET (1P65)
- Df TELEPHONE OUTLET
- INTERNET OUTLET
- AC CEILING MOUNT INDOOR UNIT
- AC WALL MOUNT INDOOR UNIT
- AC OUTDOOR UNIT (WITH ANTI CORROSIVE PAINT)
- P PANEL BOARD
- 3P DISTRIBUTION BOARD (SINGLE PHASE)
- 3P DISTRIBUTION BOARD
- 3 PHASE MAIN DISTRIBUTION BOARD (WATER PROOF)
- W WATER PROOF DISTRIBUTION BOARD
- TWO WAY SWITCH
- ONE WAY SWITCH
- MASTER CONTROL SWITCH (TURNS OFF ALL LIGHTS EXCEPT ADMIN LIGHTING)
- FAN /LIGHT DIMMER SWITCH
- TELEPHONE JUCTION BOX
- 6 PAIR DISTRIBUTION BOX (TELEPHONE)
- CEILING FAN

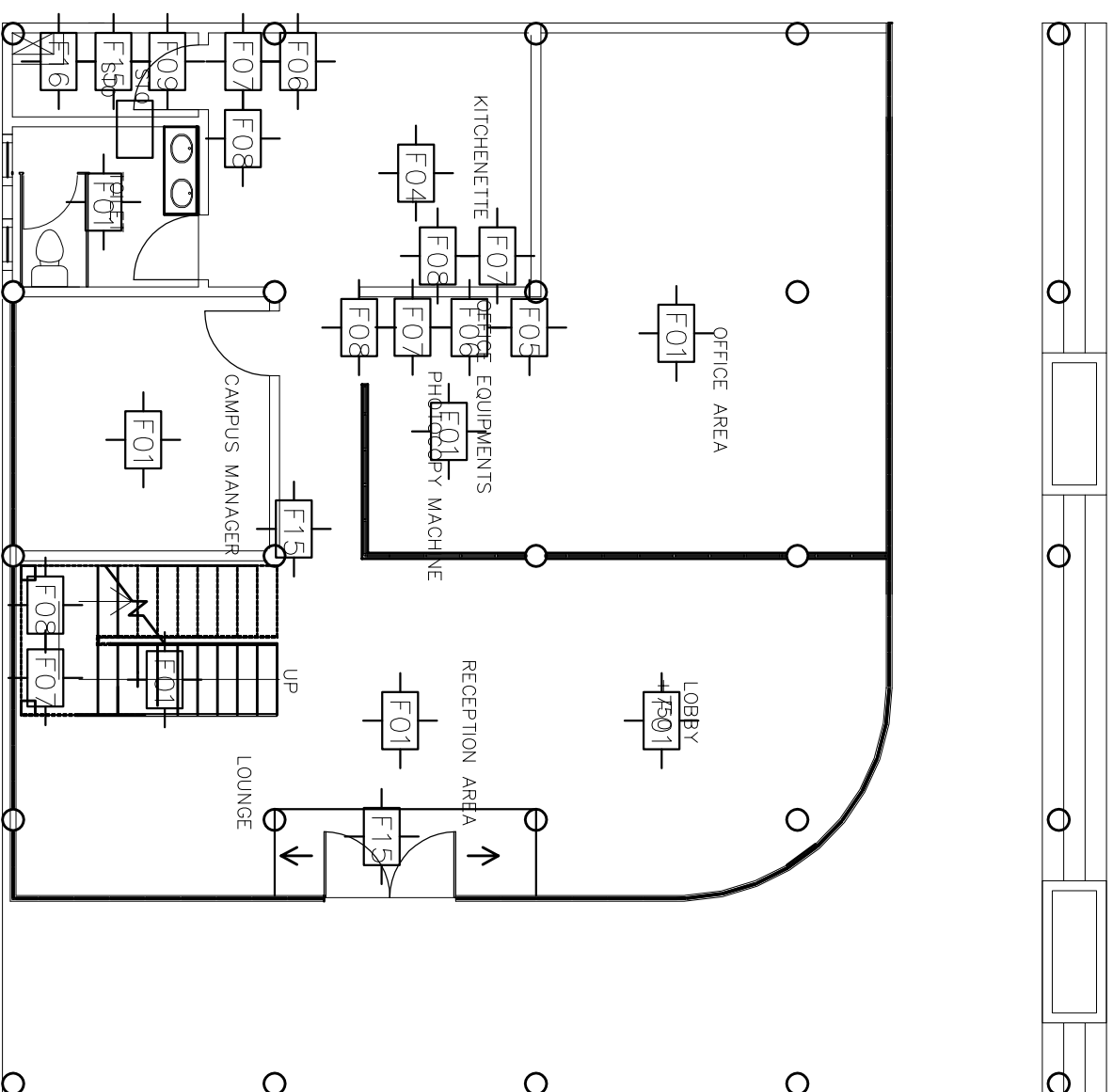


FIRST FLOOR ELECTRICAL LAYOUT
SCALE 1:100

FIRE AND SECURITY

SYMBOL DESCRIPTION

FO1	OPTICAL SMOKE DETECTOR
FO2	IONISATION DETECTOR
FO3	FIXED HEAT DETECTOR
FO4	RIISING HEAT DETECTOR
FO5	FIRE ALARM
FO6	BREAK GLASS EMERGENCY BUTTON
FO7	FIRE EXTINGUISHER TYPE 1 (H2O 9ltrs)
FO8	FIRE EXTINGUISHER TYPE 2 (CO2)
FO9	FIRE EXTINGUISHER TYPE 3 (FOAM)
FO10	HOSE REEL 30m
FO11	HOSE REEL 40m
FO12	FIRE HYDRANT POINT
FO13	ANALOGUE ADDRESSABLE PANEL
FO14	RADIO FIRE ALARM SYSTEM
FO15	EXIT SIGN
FO16	FIRE ALARM REPEATER PANEL
FO15	JUNCTION BOX
FO18	FIRE PUMP SYSTEM (1 ELECTRONIC PUMP)
	(1 DIESEL PUMP)
	(1 JOCKEY)



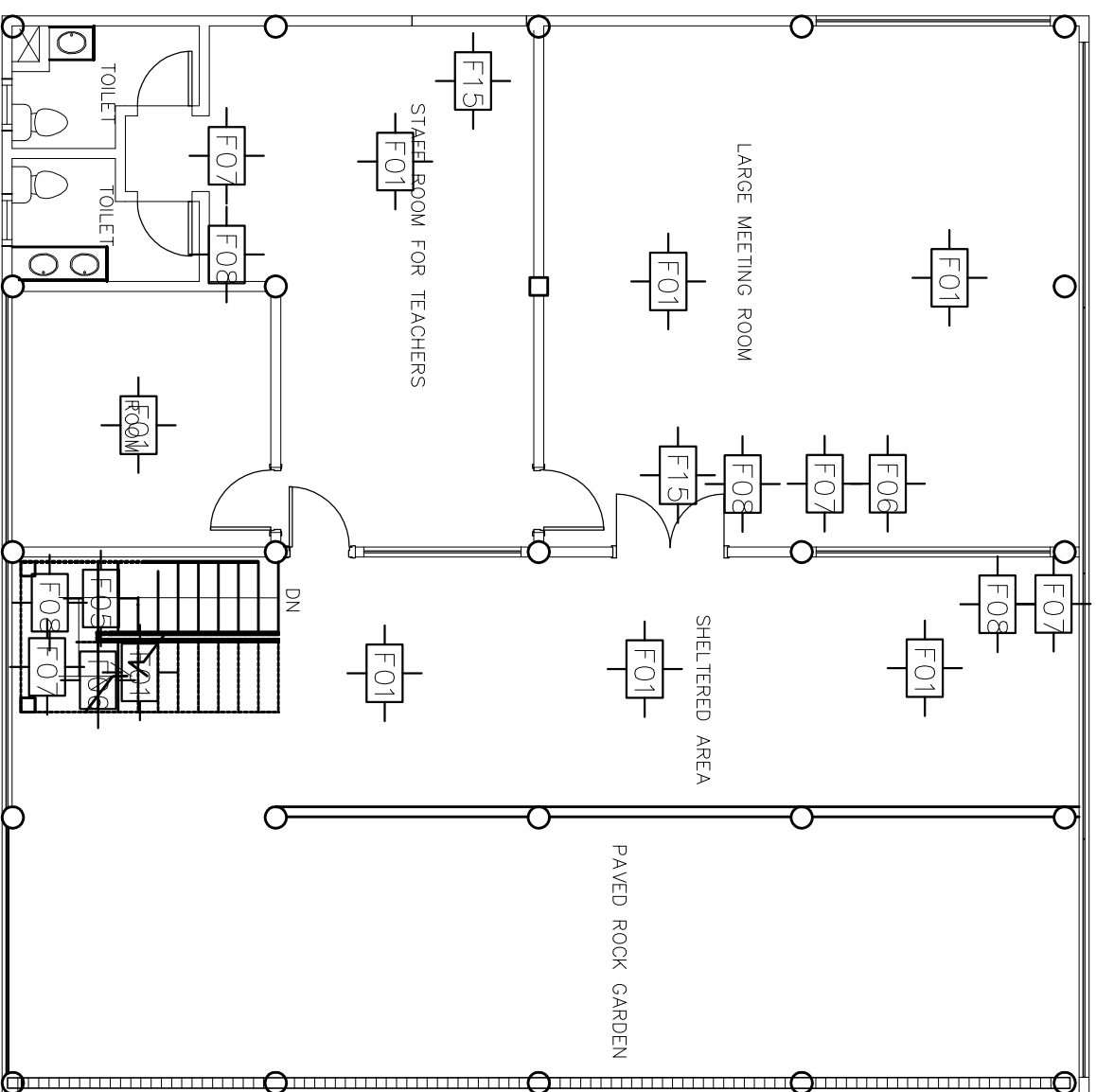
GROUND FLOOR FIRE LAYOUT

SCALE 1:100

FIRE AND SECURITY

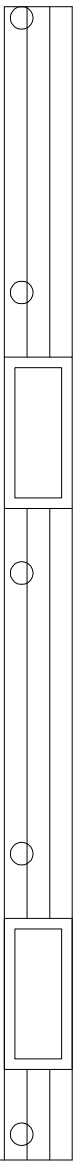
SYMBOL DESCRIPTION

F01	OPTICAL SMOKE DETECTOR
F02	IONISATION DETECTOR
F03	FIXED HEAT DETECTOR
F04	RISING HEAT DETECTOR
F05	FIRE ALARM
F06	BREAK GLASS EMERGENCY BUTTON
F07	FIRE EXTINGUISHER TYPE 1 (H2O 9ltrs)
F08	FIRE EXTINGUISHER TYPE 2 (CO2)
F09	FIRE EXTINGUISHER TYPE 3 (FOAM)
F10	HOSE REEL 30m
F11	HOSE REEL 40m
F12	FIRE HYDRANT POINT
F13	ANALOGUE ADDRESSABLE PANEL
F14	RADIO FIRE ALARM SYSTEM
F15	EXIT SIGN
F16	FIRE ALARM REPEATER PANEL
F15	JUNCTION BOX
F18	FIRE PUMP SYSTEM (1 ELECTRONIC PUMP)
	(1 DIESEL PUMP)
	(1 JOCKEY)

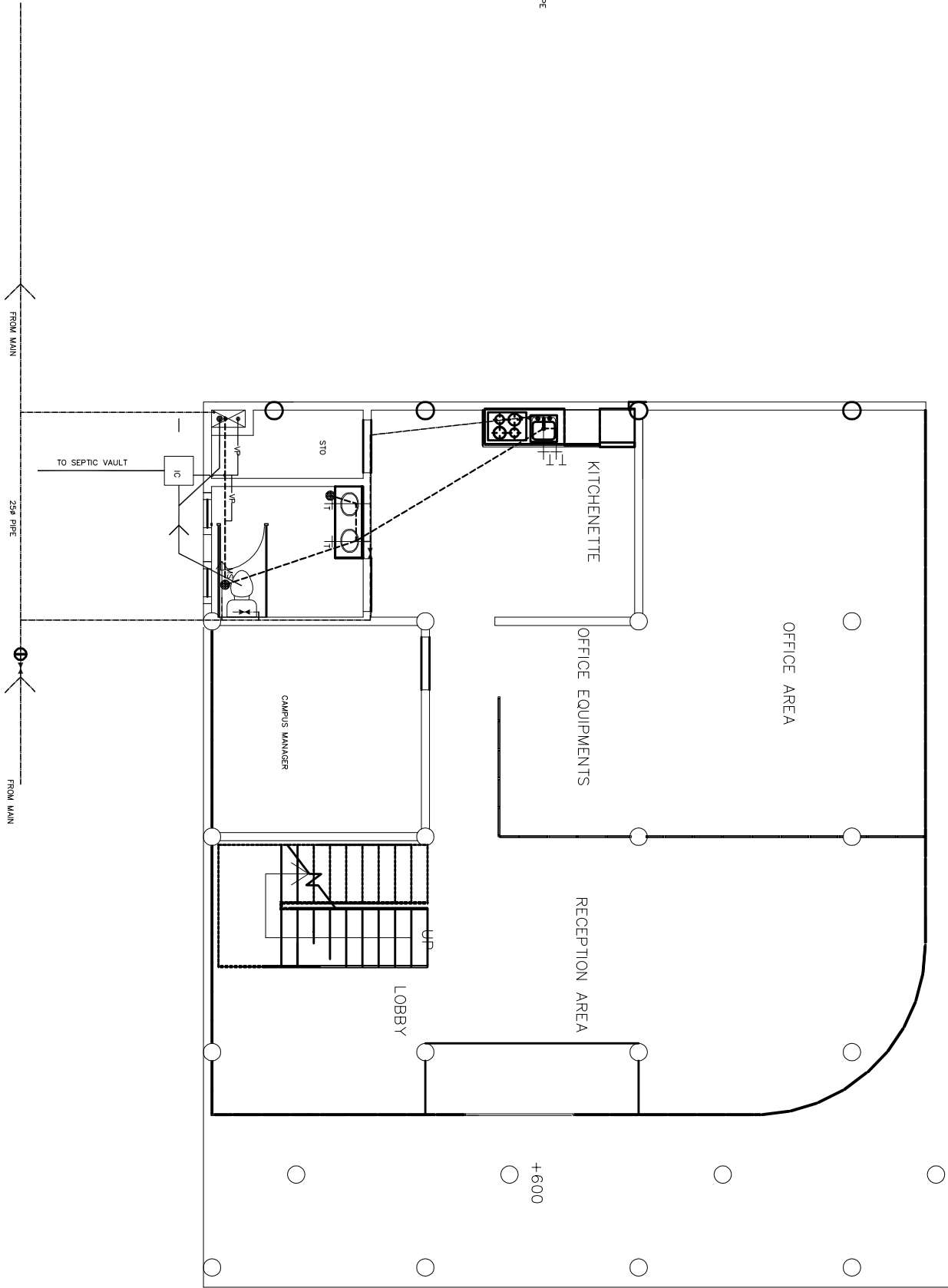


FIRST FLOOR FIRE LAYOUT

SCALE 1:100

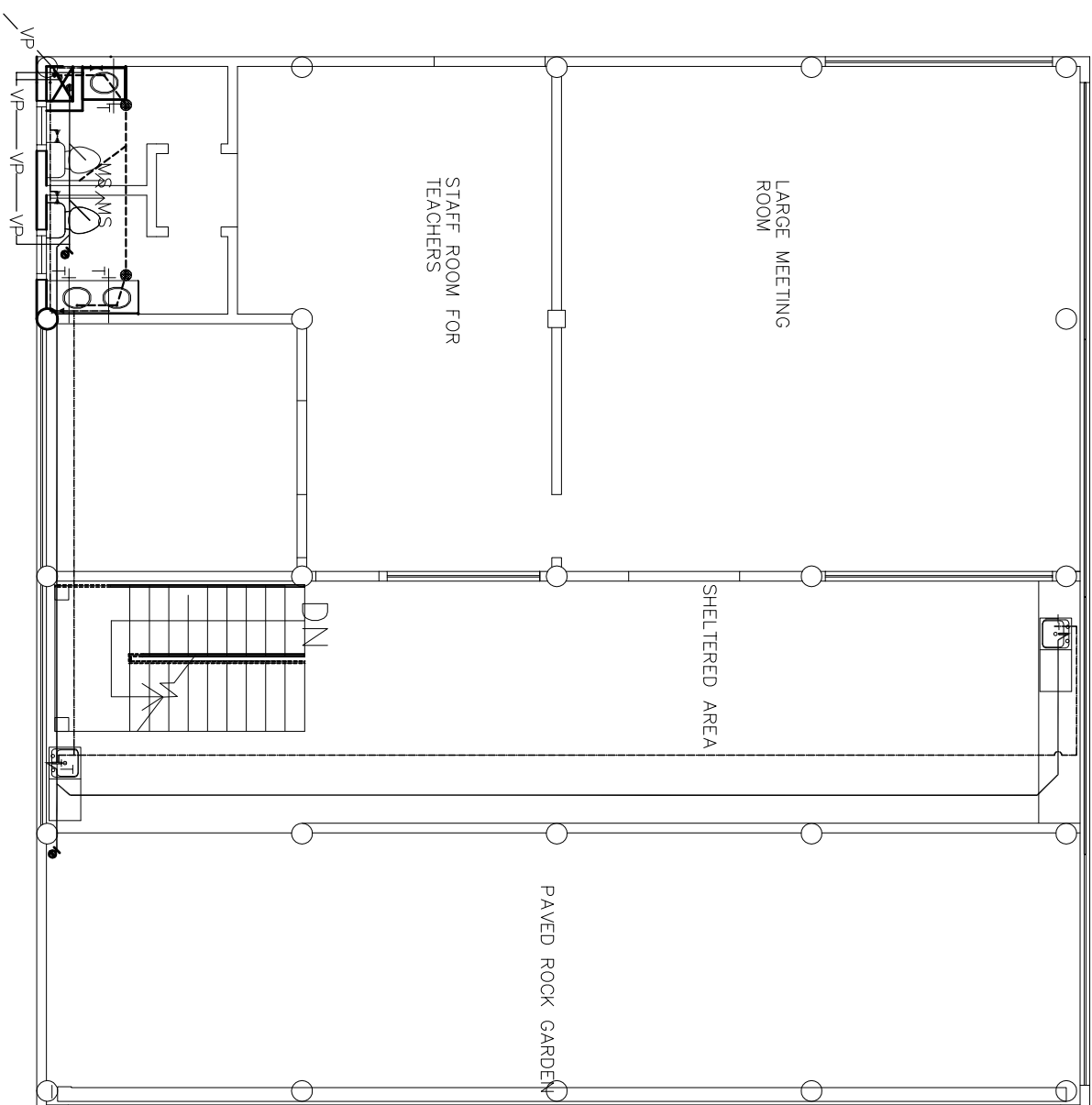


- LEGEND:
- TAP
 - MS
 - MUSLIM SHOWER
 - 50Ø WASTE WATER PIPE
 - 25Ø WATER SUPPLY PIPE LINE
 - 100Ø UPVC SEWAGE DISPOSAL PIPE
 - UPVC VENT PIPE
 - STOP VALVE
 - CLEANING EYE
 - INSPECTION CHAMBER
 - FLOOR TRAP
 - WATER METER



GROUND FLOOR PLUMBING LAYOUT

SCALE 1:100



SCALE 1:100