

AEH TOILETS (BOQ)

AEH ADMIN BUILDING TOILET

BOQ WORKS FOR AEH

PROPOSED TOILETS

ADDUCITY/HITHADHOO

<i>Item</i>	<i>Description</i>	<i>Unit</i>	<i>Qty</i>	<i>Rate</i>	<i>Total</i>
	<u>BILL No: 01</u> <u>GROUND WORKS</u>				
1.1	<u>EXCAVATION</u>				
(1)	Excavation for foundation footings & beams	sum	1.00		
1.2	<u>FILLING</u>				
	Rates shall include for: levelling, grading, trimming and compacting	m ²	19.24		
	Back filling sand	m ³	5.30		
1.3	<u>WATER PROOFING</u>				
(1)	water proofing chemical to concrete mix	nos.	1.00		
(2)	DPC (tar mat)	m ²	9.39		
(3)	DPM (polythene sheet)	m ²	20.59		
1.4	<u>BLOCK WORK 1:5 (from foundation up to floor leve)</u>				
(1)	150mm wide full block masonry wall	m ²	12.83		
1.5	<u>PLASTERING 1:4(from foundation up to floor leve)</u>				
(1)	Cement plastering on both sides of walls	m ²	25.66		
BILL No: 01- GROUND WORKS					
TOTAL OF BILL No: 01 - Carried over to summary					
	<u>BILL No: 02</u> <u>MASONRY AND CONCRETE</u>				
2.1	<u>Foundation</u>				
(1)	Foundation footings	m ³	0.375		
(2)	Foundation beam ,TB	m ³	1.700		
2.2	<u>BLOCK WORK 1:5</u>				
(1)	150mm wide block masonry wall	m ²	90.000		
2.3	<u>COLUMNS</u>				
		m ³	0.650		
2.4	<u>LINTEL BEAMS</u>				
	provide R.C.C lintel beams on doors & windows	m ³	0.250		

AEH TOILETS (BOQ)

2.5	ROOF BEAM	m ³	1.400		
2.6	<u>DEMOLITION</u>				
(1)	Provision of entrance for toilet area	nos.	2.000		
2.7	<u>BASIN BENCH TOP</u>				
	Complete construction of wash basin Vanity tops	nos	3.00		
BILL No: 02 - MASONRY & CONCRETE					
TOTAL OF BILL No: 02 - Carried over to summary					
<u>BILL No: 03</u>					
<u>PLASTERING & SCREEDING</u>					
3.1	<u>PLASTERING 1:4</u>				
	<u>Ground floor</u>				
(1)	Cement plastering on both sides of walls	m ²	180.000		
3.2	<u>SCREED1:5</u>				
	50mm thick cement screed				
(1)	On ground floor	m ²	20.590		
BILL No: 03- PLASTERING & SCREEDING					
TOTAL OF BILL No: 03 - Carried over to summary					

<u>BILL No: 04</u>					
<u>ROOFING</u>					
4.1	<u>ROOF STRUCTURE</u>				
(1)	Complete construction of roof structure incl., wall plate, rafters, purlins, ridge beams and all supports and fixings	m ²	36.590		
(2)	Timber fascia board 25 X 250mm	m	17.690		
4.2	<u>ROOF COVERING</u>				
(1)	Laysaght roofing sheets including all welding, fixings, plates, screws, bolts, nuts etc.	m ²	36.590		

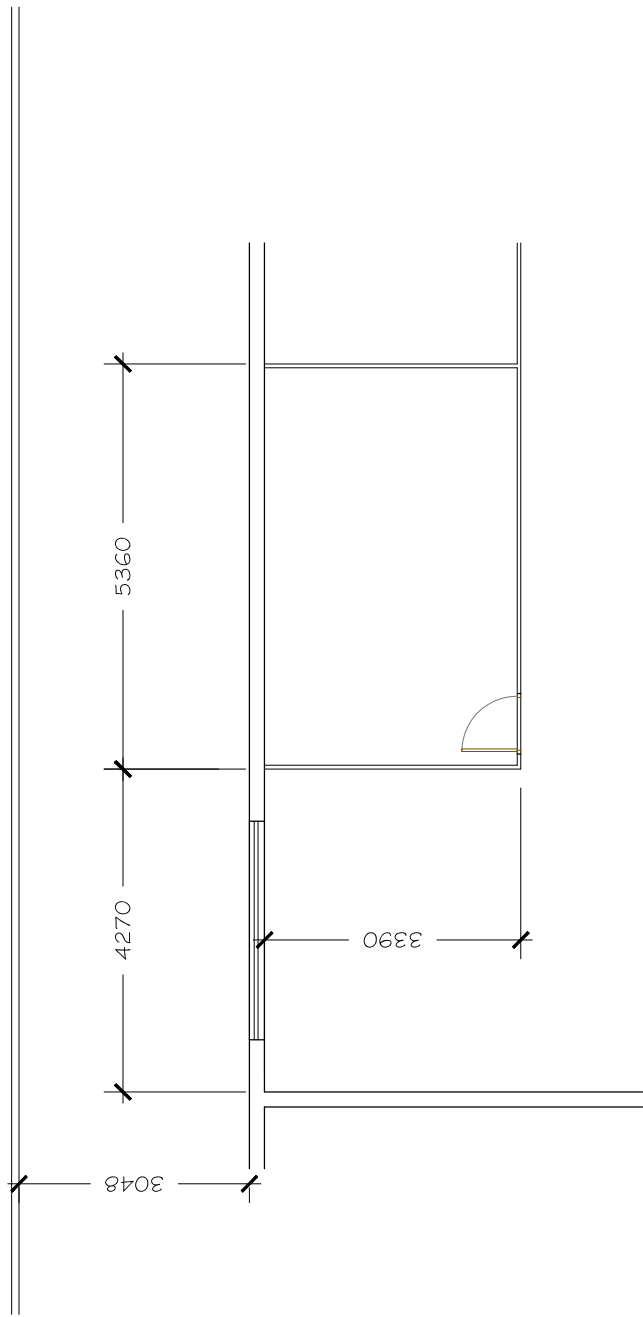
AEH TOILETS (BOQ)

4.3	<u>ROOF INSULATION</u>				
(1)	50mm thick glass wool insulation with aluminium foil backing on one side to be laid on steel wire mesh as per specified in the drawing.	m ²	36.590		
4.4	<u>CLADDING</u>				
(1)	Supply & fixing aluminum composite panels PVC cladding system , as per specified in the drawing.	m ²	11.090		
4.5	<u>GUTTER</u>				
	(a) MSP Colorbond flat sheet gutter including framing, and supports, straps, brackets, clips, stop ends, overflow, downpipe outlets, mesh flashings and all fixings and fastenings.				
(1)	GUTTER: Blue scope steel international MSP- Aqua marine or equivalent	m	17.690		
4.5	<u>DOWN PIPES</u>				
(1)	75 mm dia uPVC down pipes including bends, junctions, straps, brackets, clips, roof drain strainer and all fixings.	m	11.580		
BILL No: 04- ROOFING					
TOTAL OF BILL No: 04 - Carried over to summary					
<u>BILL No: 05</u>					
<u>FINISHES</u>					
5.1	<u>SUSPENDED CEILING</u>				
(1)	suspended ceiling (acoustic ceiling)	m ²	23.570		
5.2	<u>PAINTING</u>				
(1)	Emulsion paint on walls	m ²	180.000		
5.3	<u>TILING</u>				
	All walls inside toilet area have to be tiled tiling height is upto ceiling level				
(1)	Ceramic floor tiling (600x 600 tiles)	m ²	23.570		
(2)	Ceramic wall tiling (600x 600 tiles)	m ²	100.820		
BILL No: 05- FINISHES					
TOTAL OF BILL No: 05 - Carried over to summary					


<u>BILL No: 06</u>					
<u>DOORS AND WINDOWS</u>					
6.1	<u>DOOR AND WINDOW UNITS</u>				
(1)	D3	No	4.000		
(2)	V1	No	7.000		
BILL No: 06- DOORS AND WINDOWS					
TOTAL OF BILL No: 06 - Carried over to summary					
<u>BILL No: 07</u>					
<u>ELECTRICAL</u>					
7.1	<u>ELECTRICAL CONNECTION</u>				
(1)	Electrical connections , including for all cabling, wiring, connections, earthing, painting, testing, etc	Sum	1.000		
7.2	<u>WIRING</u>				
	Electrical wiring with copper conductor cable in conduits in walls and in casing on soffits etc.				
(1)	Wiring to light fixtures	points	15.000		
(2)	Wiring to power points	points			
7.3	<u>LIGHTING</u>				
(1)	weather proof lighting	No	2.000		
(2)	ceiling down lights (300X300)	No	13.000		
7.4	<u>LIGHT SWITCHES</u>				
(1)	2 gang switch	No	6.000		
(2)	3 gang switch	No	1.000		
BILL No: 07- ELECTRICAL					
TOTAL OF BILL No: 07 - Carried over to summary					
<u>BILL No:08</u>					
<u>PLUMBING AND SANITARY FIXTURES</u>					
8.1	<u>PIPE WORK WITHIN THE BUILDING</u>				
(1)	Water supply				

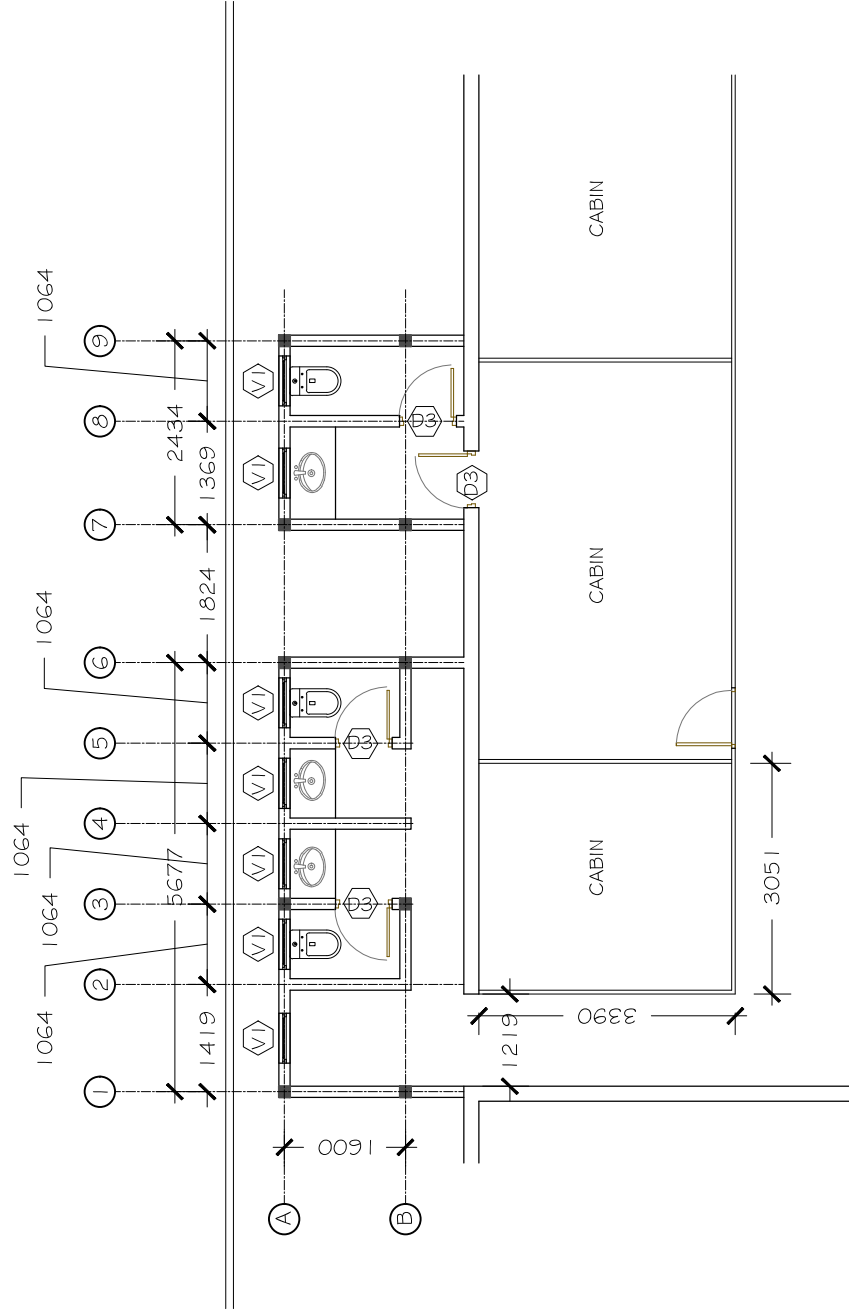
AEH TOILETS (BOQ)

(a) Provide and fix UPVC high pressure pipes to provide fresh water to all faucets, head showers, flushing tanks of water closets, taps. Price shall include for necessary piping, connections, excavations (if required)	LS	1.0	
(2) <u>Disposal system</u>			
(a) Provide and fix UPVC pipes for soil and waste disposal from all floor wastes. Price shall include for necessary piping, connections, excavations and other accessories .	LS	1.0	
(b) Provide and fix UPVC pipes for sewage disposal from all water closets including floor clean outs.	LS	1.0	
8.2 <u>PIPE WORK OUTSIDE THE BUILDING, SEPTIC TANKS, WELLS, ETC</u>			
(1) Complete construction of fresh water supply pipework including all pipework, fittings, valves, pressure tanks, water meters etc.	LS	1.0	
8.3 <u>SANITARY FIXTURES AND ACCESSORIES</u>			
<u>Ground floor</u>			
Sanitary fixtures shall be american standard or equivalent complete including brackets, flush pipes, over flows, plugs and washers, as specified			
(1) WC suites (Cotto) or equivalent	No	3.0	
(2) bench top Basins (Cotto) or equivalent	No	3.0	
(3) Floor waste with water trap	No	3.0	
(4) Basin taps (Cotto) or equivalent	No	3.0	
(5) Muslim showers (Cotto) or equivalent	No	3.0	
(6) towel hanger (Cotto) or equivalent	No	3.0	
(7) mirror (Cotto) or equivalent	No	3.0	
(8) tissue holder (Cotto) or equivalent	No	3.0	
8.4 <u>INSPECTION CHAMBER</u>			
(1) Complete construction / installation of inspection chamber.	No		
BILL No: 08- PLUMBING AND SANITARY FIXTURES			
TOTAL OF BILL No: 08 - Carried over to summary			
SUB TOTAL			
GST 6%			
GRAND TOTAL			




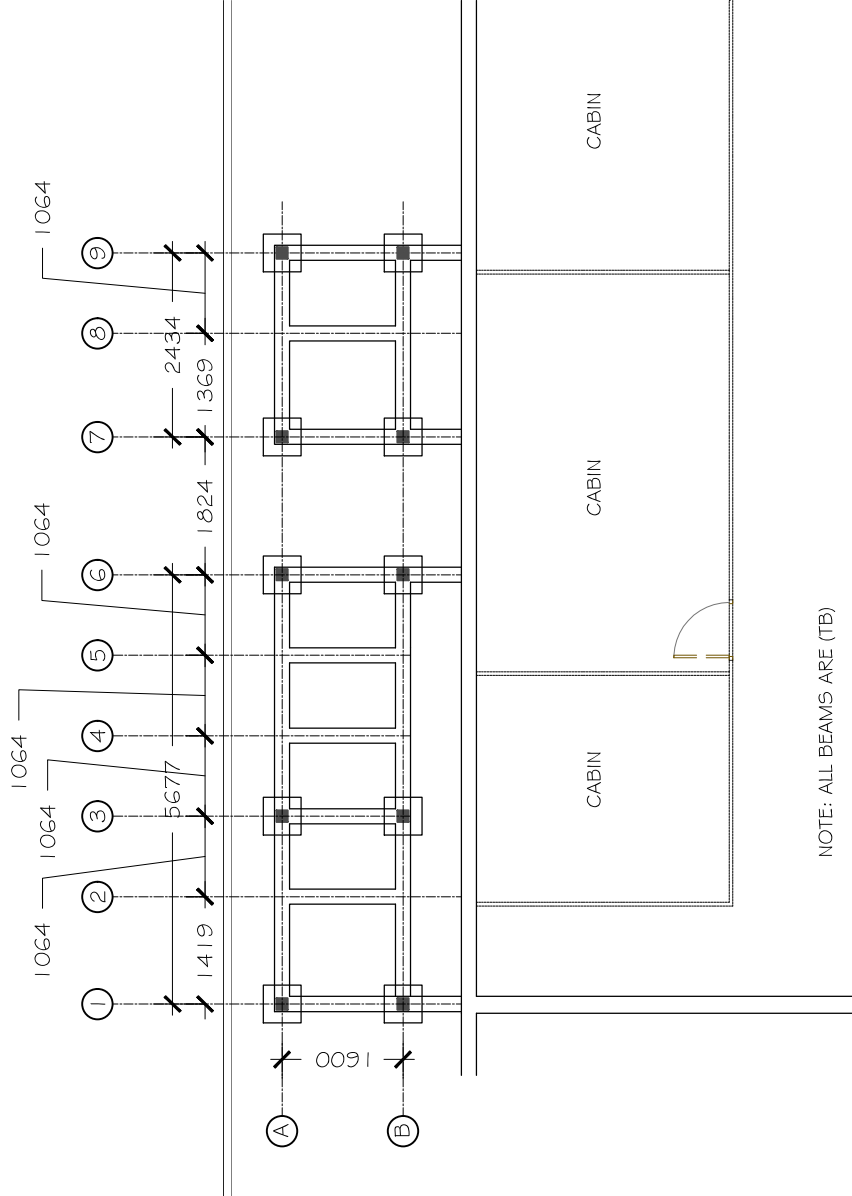
EXISTING PLAN
scale : 1:100

PROJECT : AEH STAFF TOILETS		DWG.NO: A01	
LOCATION : HITHADHOO	CLIENT : AEH	 GBLE <small>GROUP</small>	
PROJECT NO : GBLE.DWG.20.2020	DATE : 04/02/2021		

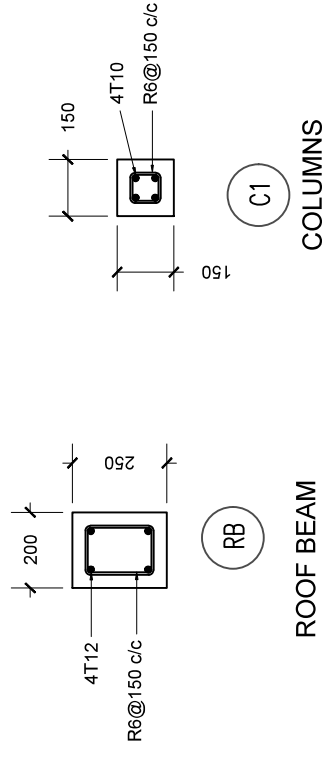


PROPOSED PLAN
Scale : 1:100

PROJECT : AEH STAFF TOILETS		DWG.NO: A02	
LOCATION : HITHADHOO	CLIENT : AEH		
PROJECT NO : GBLE.DWG.20.2020	DATE : 04/02/2021		

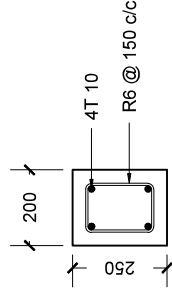


FOUNDATION PLAN
scale : 1:100



ROOF BEAM


COLUMNS



TB

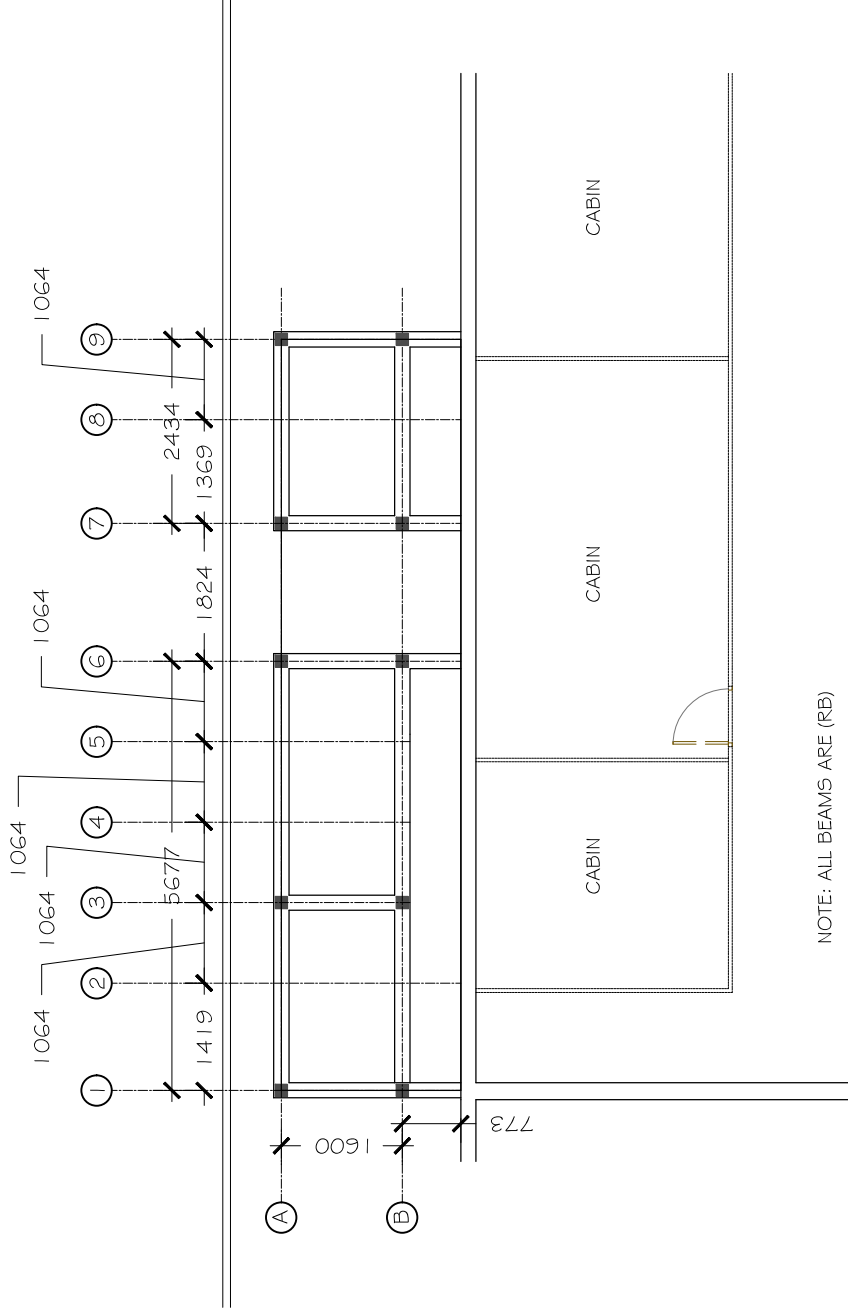
FOUNDATION BEAM

STRUCTURAL DETAILS
scale 1:20


PROJECT : AEH STAFF TOILETS		DWG.NO: A03	
LOCATION : HITHADHOO	CLIENT : AEH	 BLE <small>EST. 1980/2011</small>	
PROJECT NO : GBLE.DWG.20.2020	DATE : 04/02/2021		
		FOOTING DETAILS	
		TYPE	REINFORCEMENT
		F1	T10@150 C/C BW (BOTTOM)

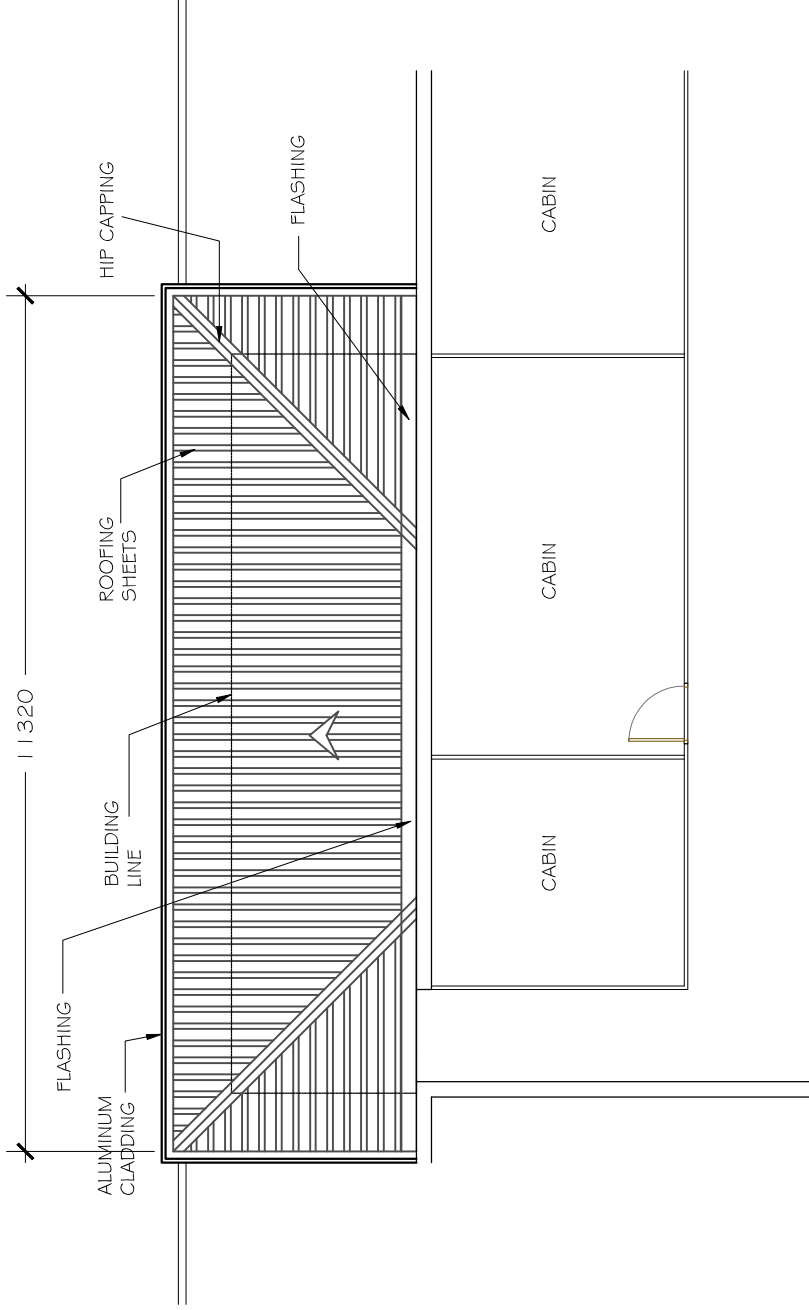
FOOTING DETAILS

TYPE	DIMENSIONS	REINFORCEMENT
F1	0.5 X 0.5 X 0.15	T10@150 C/C BW (BOTTOM)




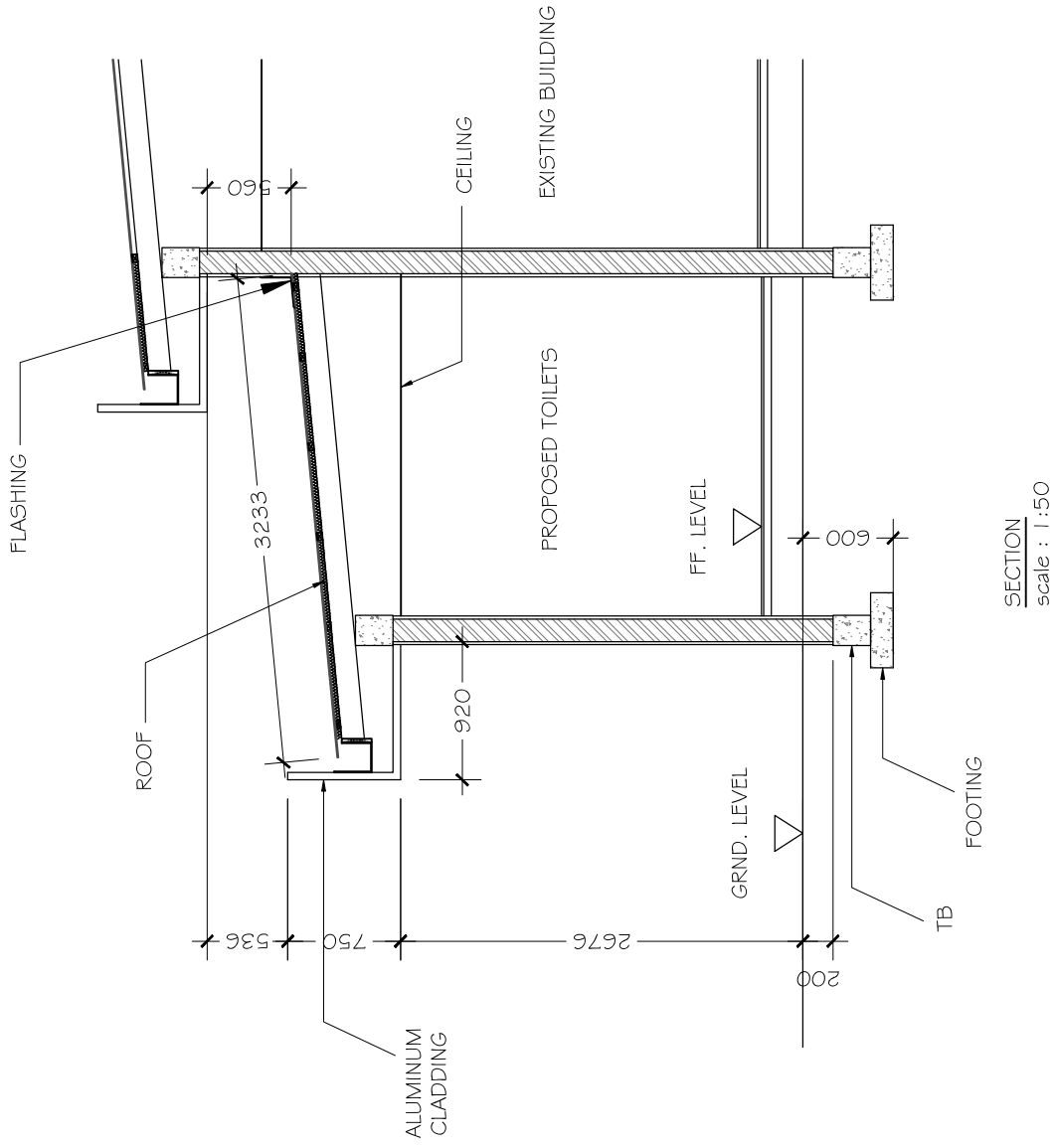
ROOF BEAM PLAN
scale : 1 : 100

PROJECT : AEH STAFF TOILETS		DWG. NO: A04	
LOCATION : HITHADHOO	CLIENT : AEH	 <small>EST. 1982/2018</small>	
PROJECT NO : GBLE.DWG.20.2020	DATE : 04/02/2021		




ROOF PLAN
scale : 1:100

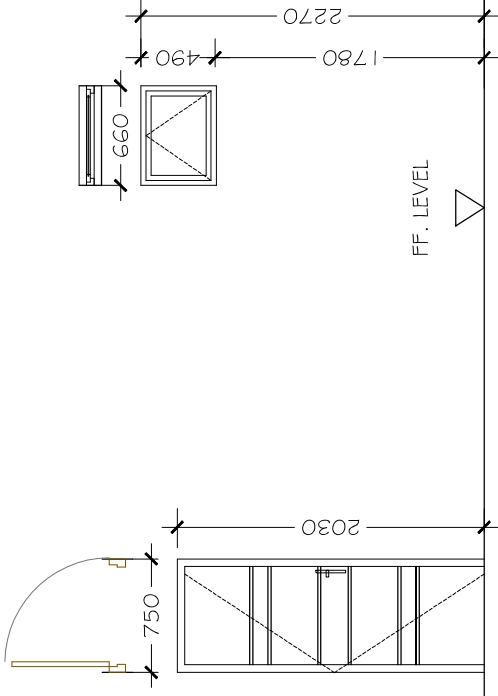
PROJECT : AEH STAFF TOILETS		DWG.NO:	 A05	
LOCATION :	HITHADHOO	CLIENT :		AEH
PROJECT NO :	GBLE.DWG.20.2020	DATE :		04/07/2021



SECTION
scale : 1:50

PROJECT : AEH STAFF TOILETS		DWG.NO: A06	
LOCATION : HTHADHOO	CLIENT : AEH		
PROJECT NO : GBLE.DWG.20.2020	DATE : 04/02/2021		

NOTE:
G- GLASS




D3	TIMBER FRAME SWINGING DOOR
LOCATION	
QTY.	
FINISH	NATURAL ORK STAIN
DOOR FRAME	8" X 2"
DOOR PANEL	SOLID TIMBER
LOCK SET	-
GLASS	

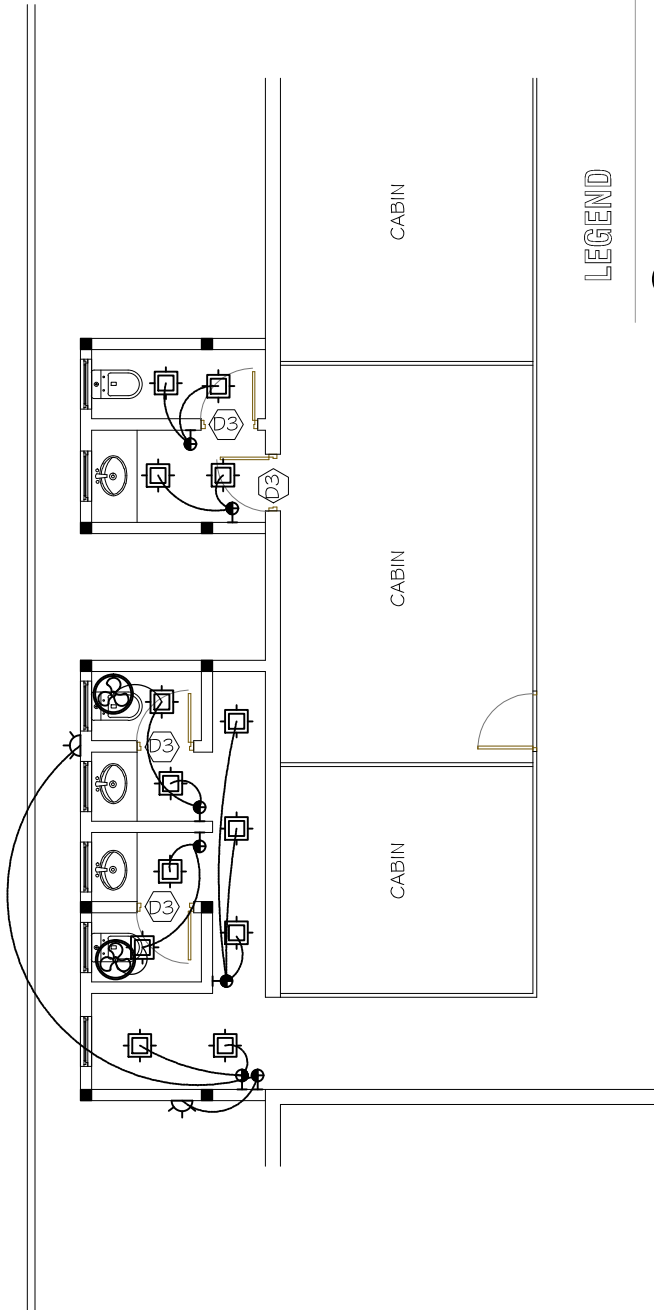
V1	ALUMINUM FRAME VENTILATOR
LOCATION	
QTY.	
FINISH	WHITE FLAT
DOOR FRAME	ALUMINUM
DOOR PANEL	ALUMINUM
LOCK SET	-
GLASS	TINTED

DOOR / WINDOW SCHEDULE
scale 1 : 50






NOTE:

- shop drawings and technical specifications for all aluminum 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.
- BEFORE FIXING WINDOW HINGES THE DIRECTION OF SUN RAYS & RAIN MUST BE CONSIDERED.
- BEFORE FABRICATING WINDOWS, FABRICATOR MUST CHECK THE OPENING SIZES .


PROJECT : AEH STAFF TOILETS		DWG.NO:	A07
LOCATION : HITHADHOO	CLIENT : AEH	 BLE <small>BY PRODUCT</small>	
PROJECT NO : 6BLE.DWG.20.2020	DATE : 04/02/2021		



LEGEND

-  ORBITAL FAN(CEILING MOUNT)
-  LED PANEL LIGHT
-  OUTDOOR WATER PROOF LIGHT
-  2-GANG SWITCH
-  3-GANG SWITCH

ELECTRICAL PLAN
 scale : 1:100

PROJECT : AEH STAFF TOILETS		DWG. NO.:	
LOCATION : HITHADHOO	CLIENT : AEH	A08	
PROJECT NO : GBLE.DWG.20.2020	DATE : 04/02/2021		
		 GBLE <small>EST. 1980/2011</small>	