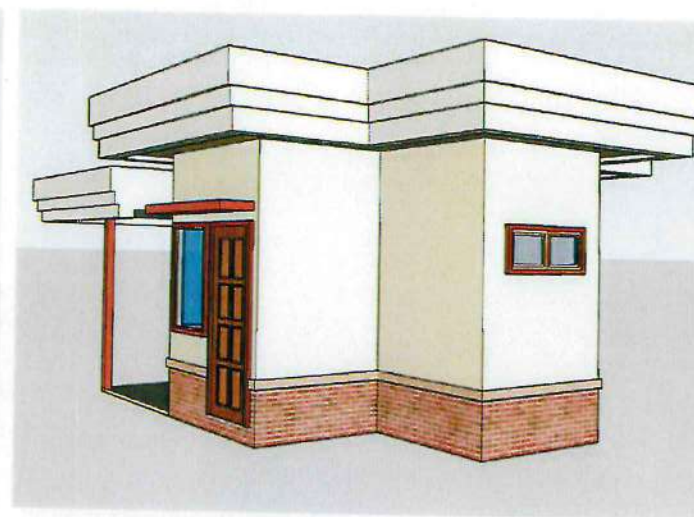
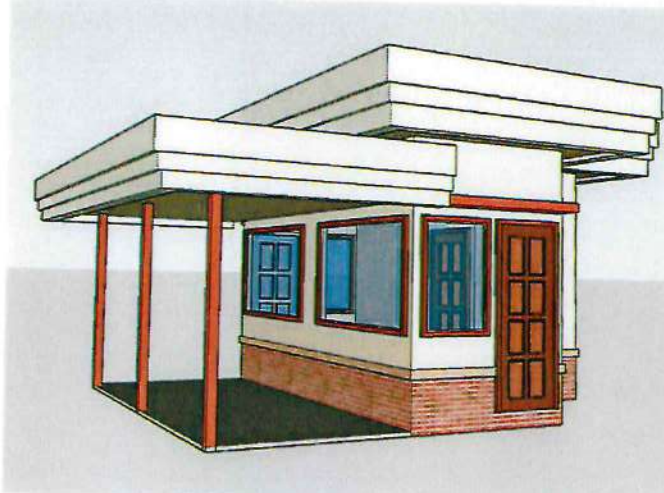
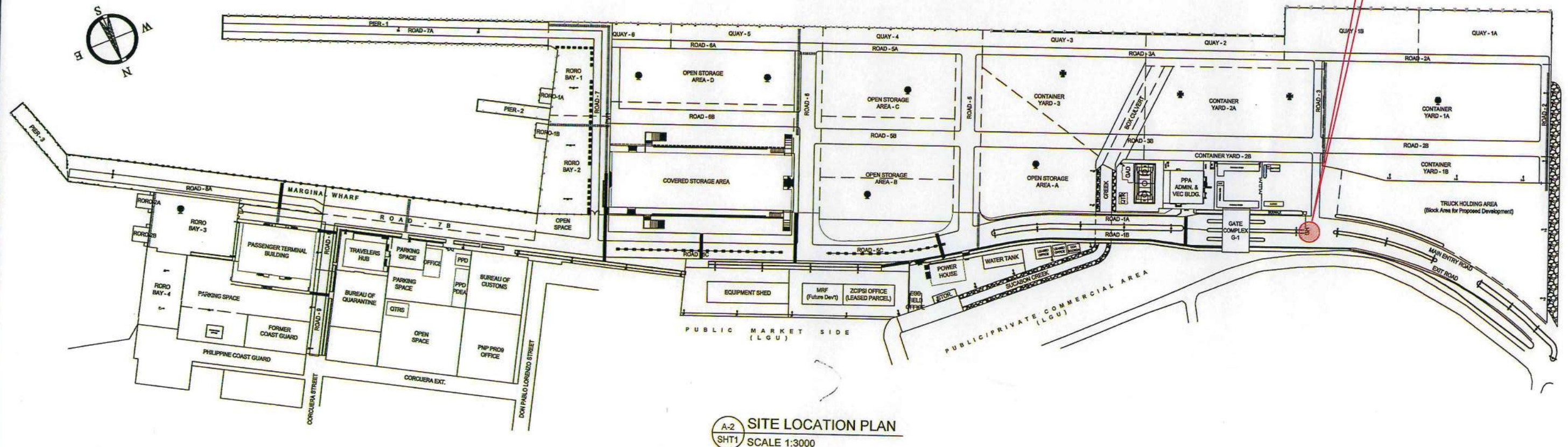


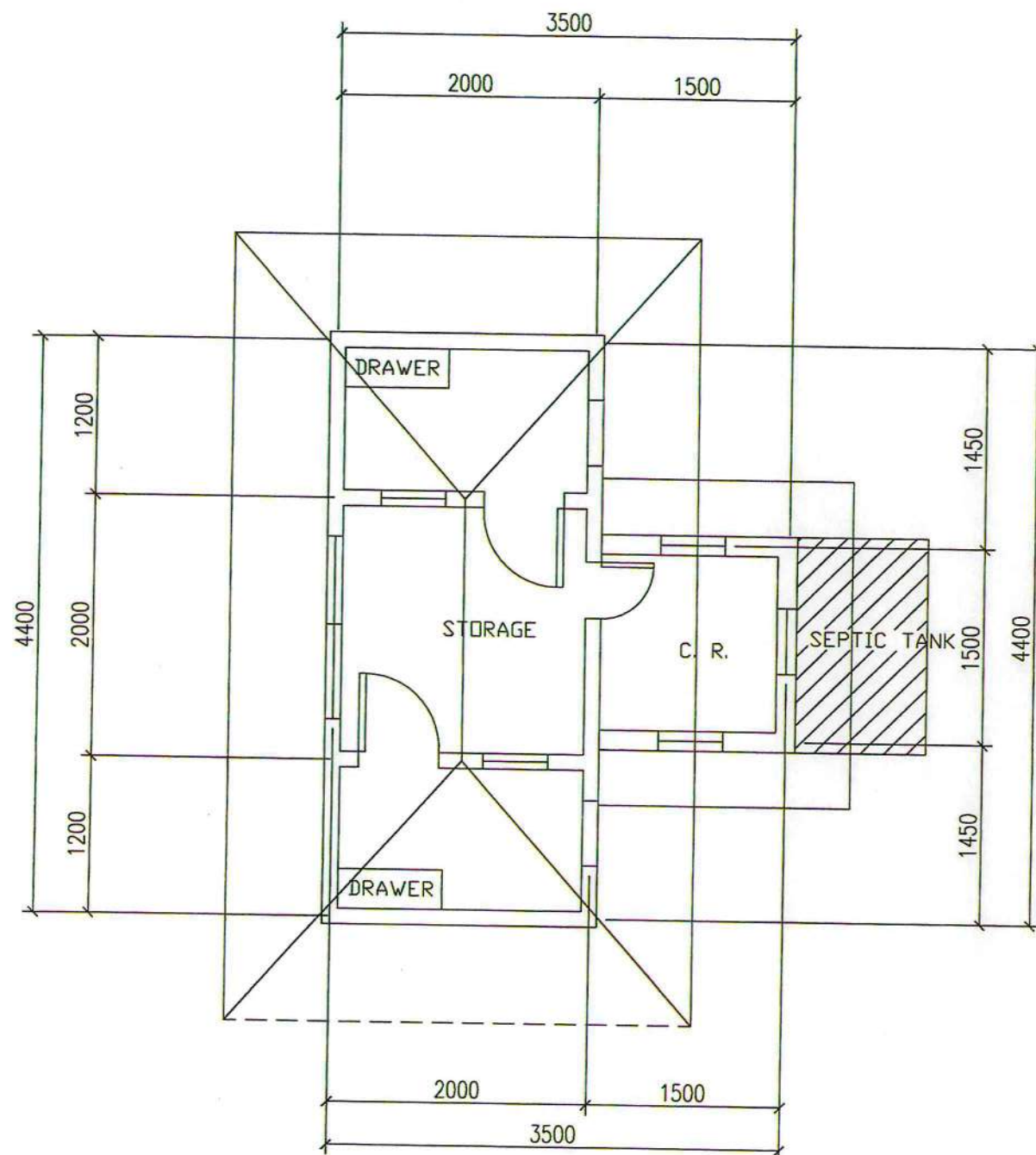


A-1
SHT1
PERSPECTIVE VIEWS
NTS

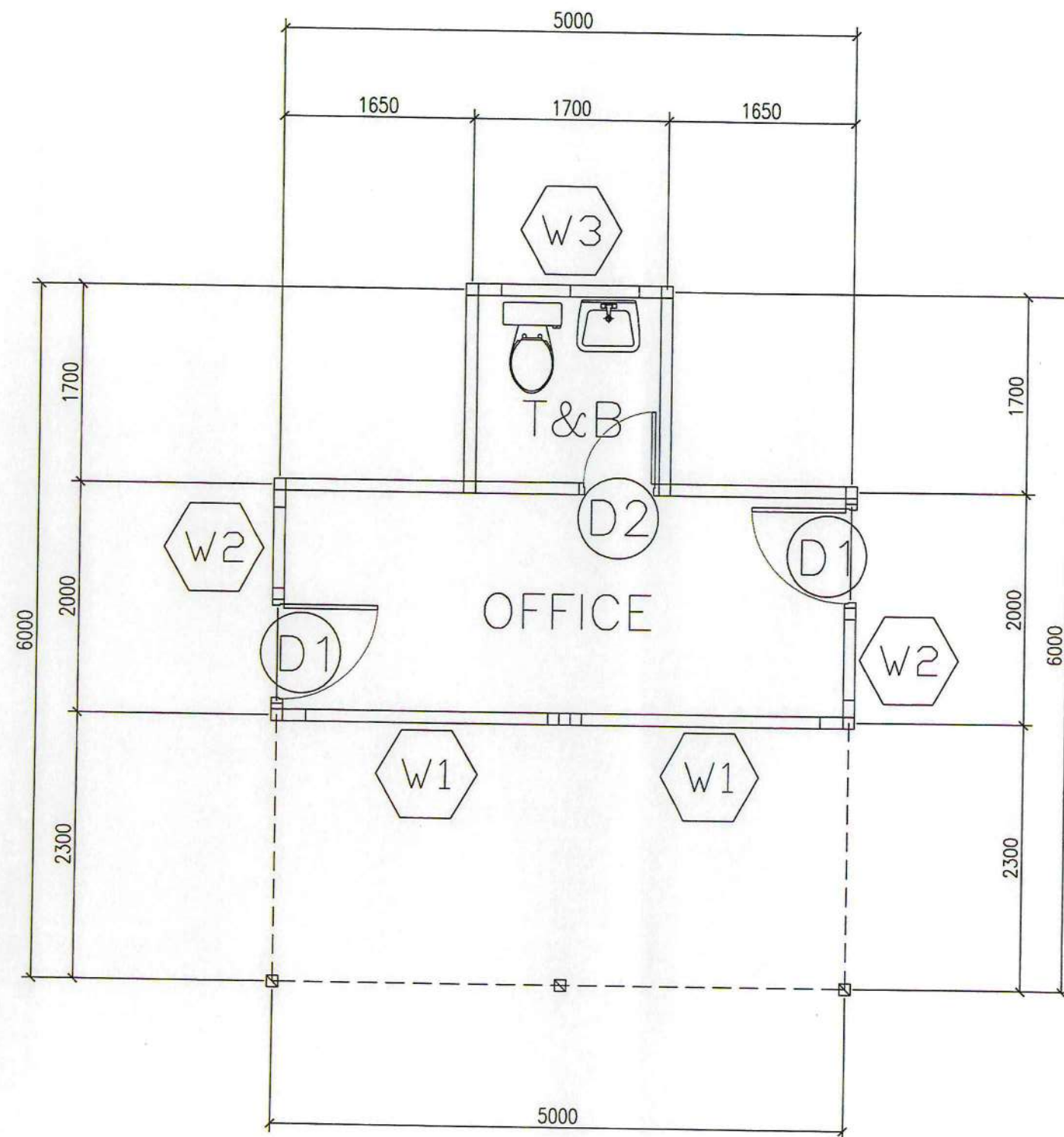
THIS SITE
PROPOSED PROVISION OF GUARDHOUSE AT
MAIN GATE COMPLEX APPROACH, MAIN
ENTRANCE/EXIT ROAD, PORT AREA, PORT
OF ZAMBOANGA, ZAMBOANGA CITY



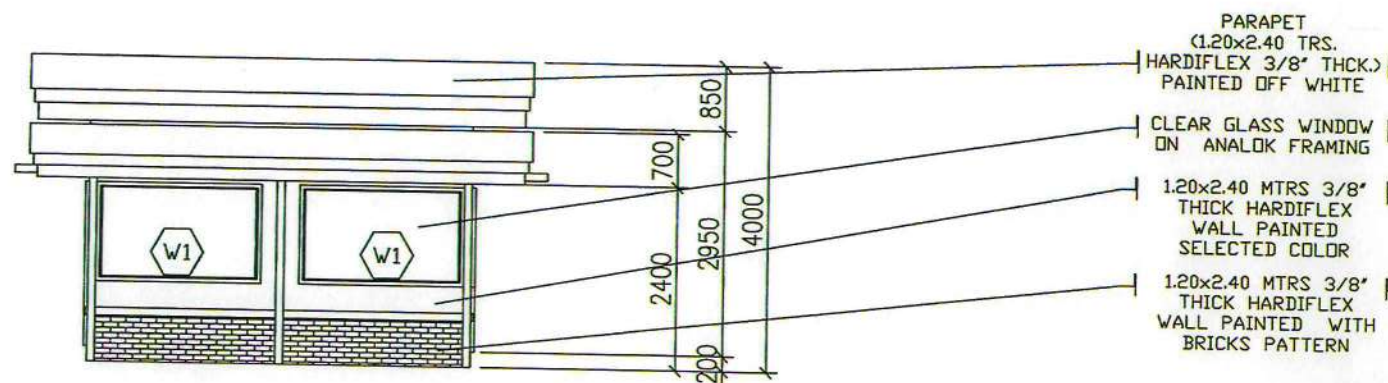
A-2
SHT1
SITE LOCATION PLAN
SCALE 1:3000



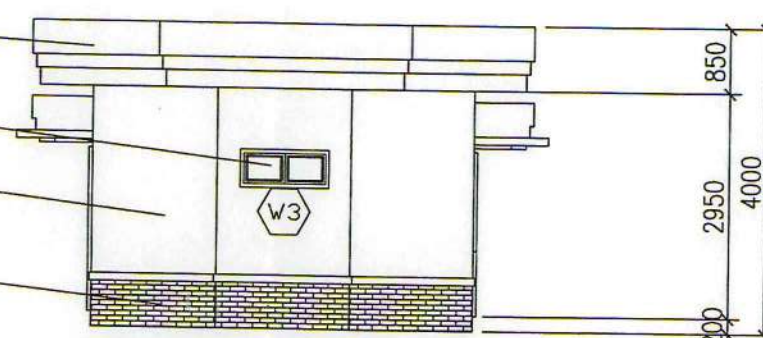
A-1
SHT2
EXISTING FLOOR PLAN
SCALE 1:50



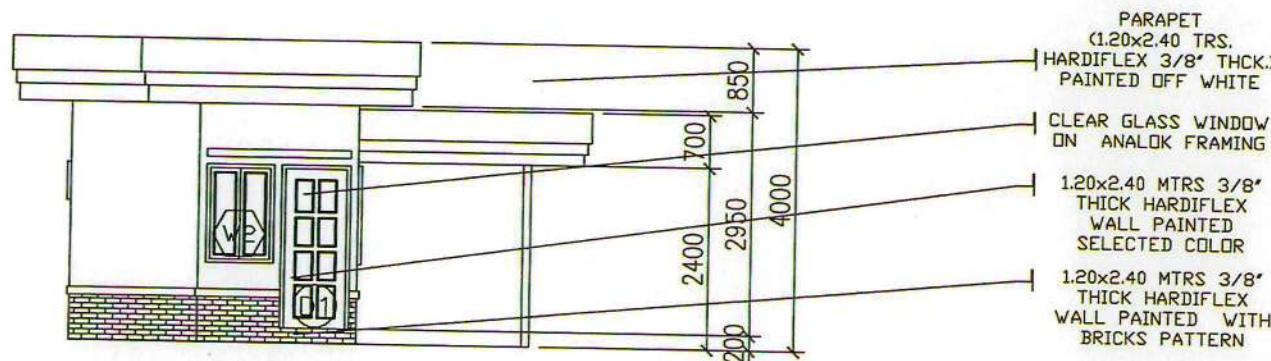
A-2
SHT2
PROPOSED FLOOR PLAN
SCALE 1:50



A-1 FRONT ELEVATION
SHT3 SCALE 1:100

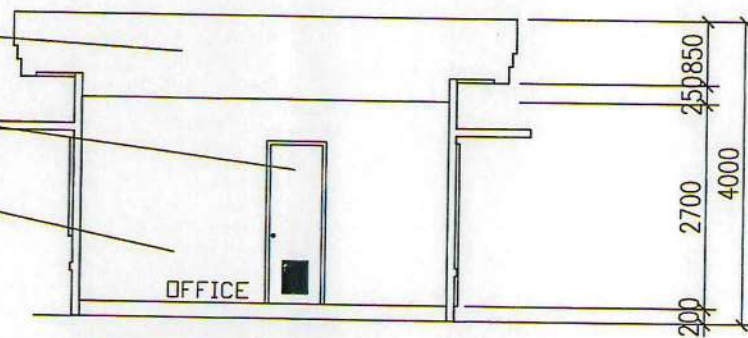


A-4 REAR ELEVATION
SHT3 SCALE 1:100

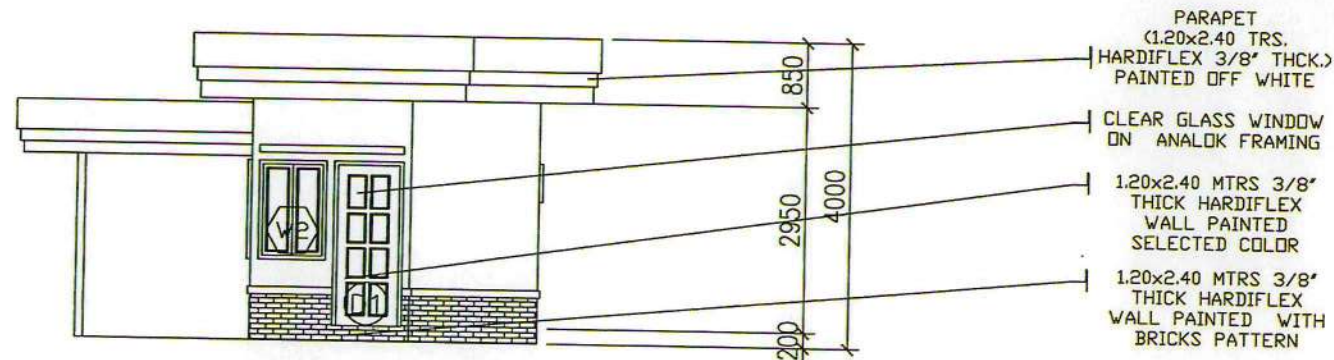


A-2 LEFT-SIDE ELEVATION
SHT3 SCALE 1:100

SEE PARAPET ROOF AND GUTTER DETAIL
0.70x2.10 MTRS PVC DOOR
1.20x2.40 MTRS 3/16\"/>

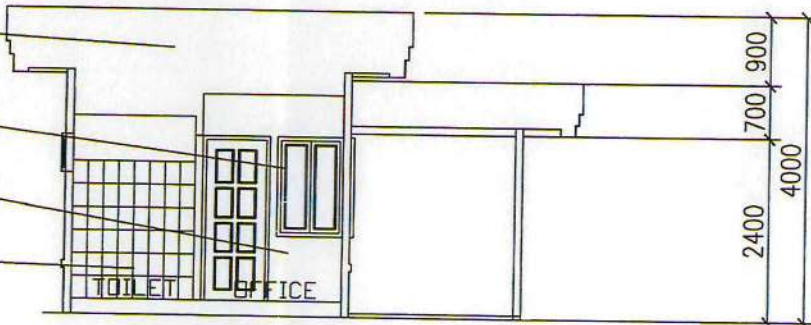


A-5 SECTION THRU A-A
SHT3 SCALE 1:100



A-3 RIGHT-SIDE ELEVATION
SHT3 SCALE 1:100

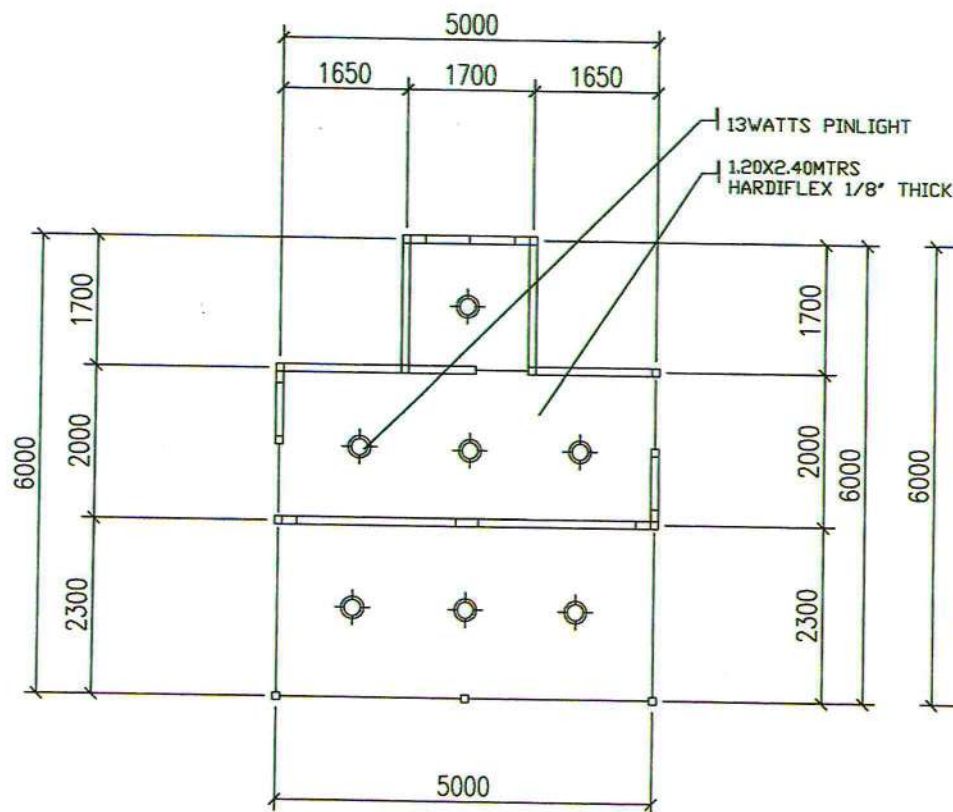
SEE PARAPET ROOF AND GUTTER DETAIL
0.80x2.10 MTRS SOLID PANEL DOOR
1.20x2.40 MTRS 3/16\"/>



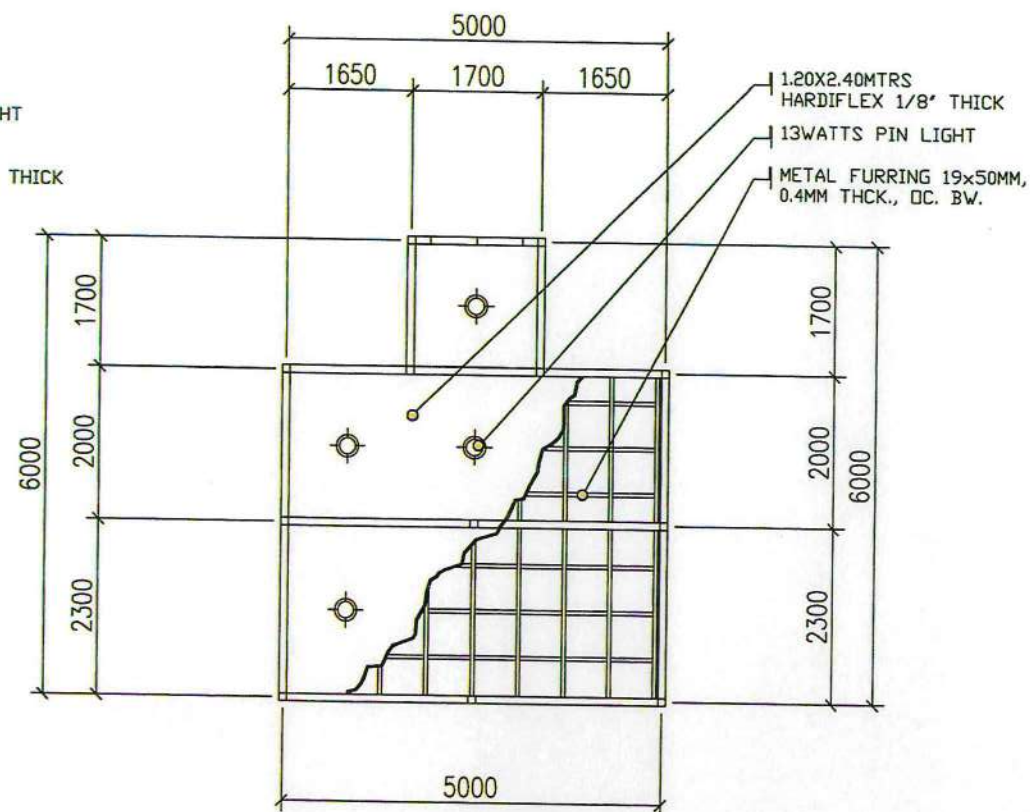
A-6 SECTION THRU B-B
SHT3 SCALE 1:100

TITLE: PROPOSED PROVISION OF GUARDHOUSE AT MAIN GATE COMPLEX APPROACH					
LOCATION: MAIN ENTRANCE/EXIT ROAD, PORT AREA, PORT OF ZAMBOANGA, ZAMBOANGA CITY					
PREPARED BY:	CHECKED BY:	REVIEWED BY:	RECOMMENDED BY:	APPROVED BY:	
EUGENIO B. GALVEZ	MAHSON SUKKOH	TASHMA H. ASID-MAADIL	JOHNSON D. KHO	ARCIDI S. JUMAANI	
SENIOR ENGINEER A	SUPERVISING ENGINEER A	PRINCIPAL ENGINEER A	ESD MANAGER	PORT MANAGER	

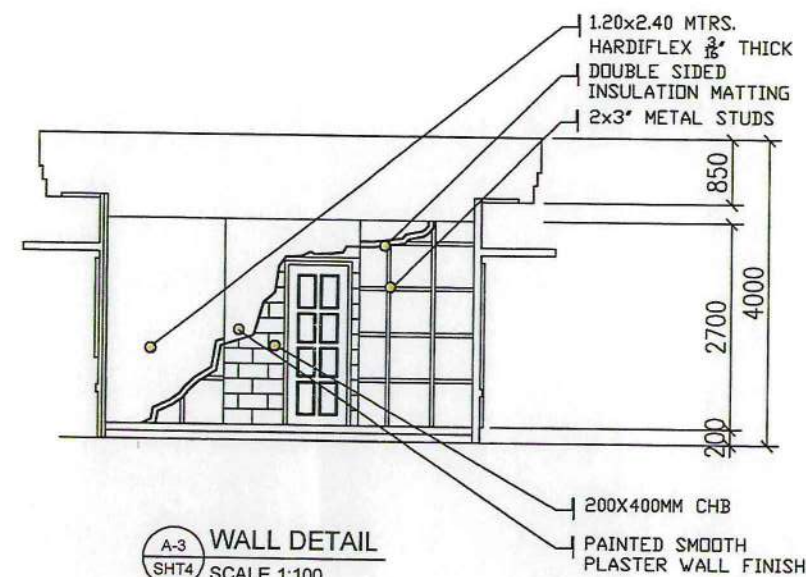
SHEET CONTENT:		SHEET	
AS-SHOWN		SET	NO.
			3
			Q



A-1 REFLECTED CEILING PLAN
SHT4 SCALE 1:100



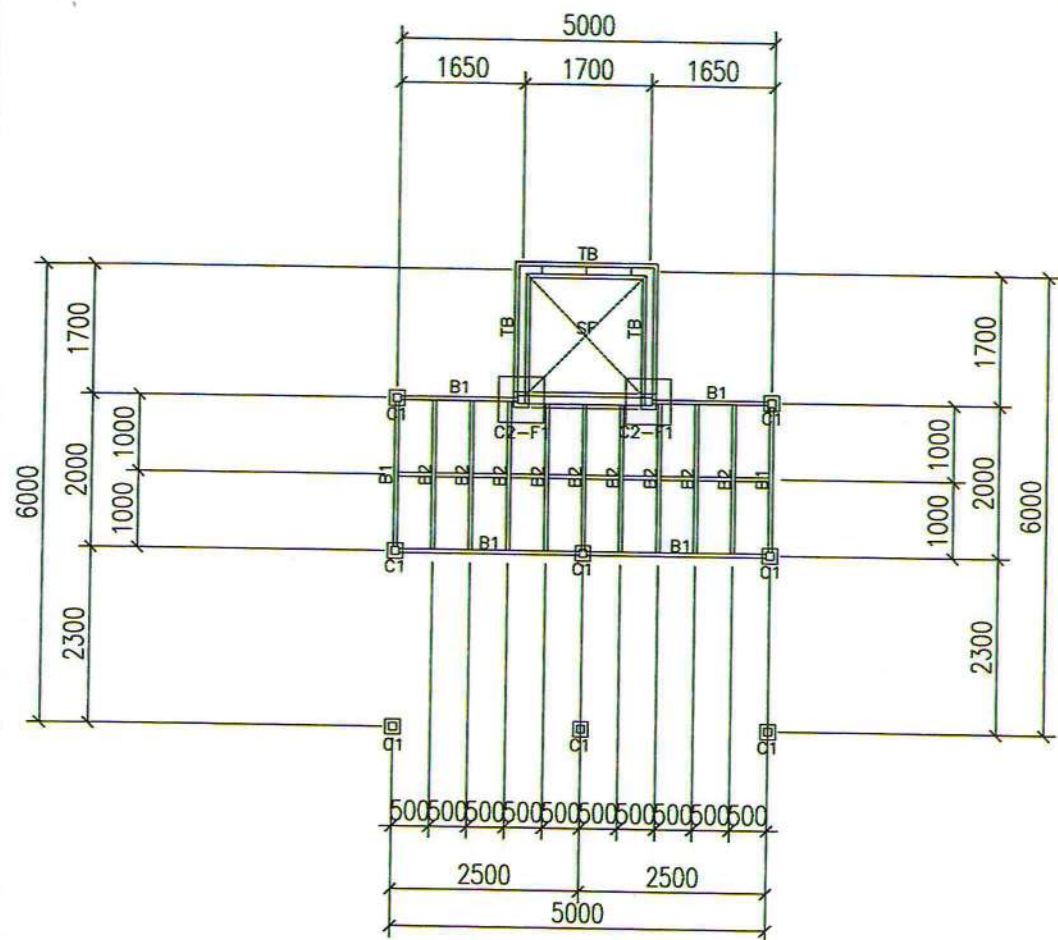
A-2 CEILING DETAIL
SHT4 SCALE 1:100



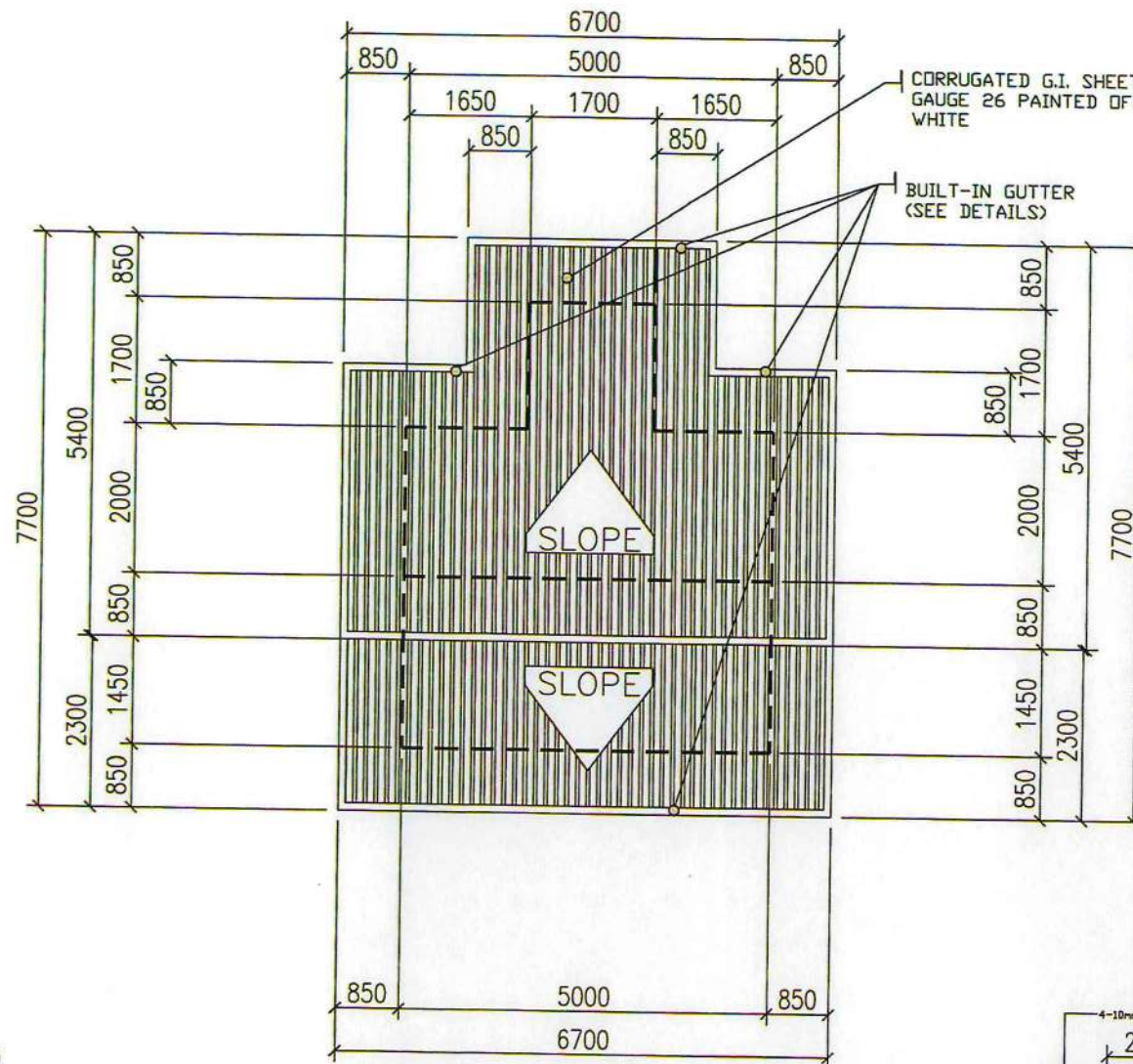
A-3 WALL DETAIL
SHT4 SCALE 1:100

FIN. FLR. LN.					
DESIGNATION.	D-1	D-2	W-1	W-2	W-3
SETS	2 SETS	1 SET	2 SETS	2 SETS	1 SET
LOCATION	MAIN DOOR	TOILET	OFFICE	OFFICE	TOILET
DESCRIPTION	SOLID PANEL DOOR	PVC DOOR	FIXED CLEAR GLASS WINDOW ON ANALOK FRAMING	SLIDING CLEAR GLASS WINDOW ON ANALOK FRAMING	SLIDING CLEAR GLASS WINDOW ON ANALOK FRAMING

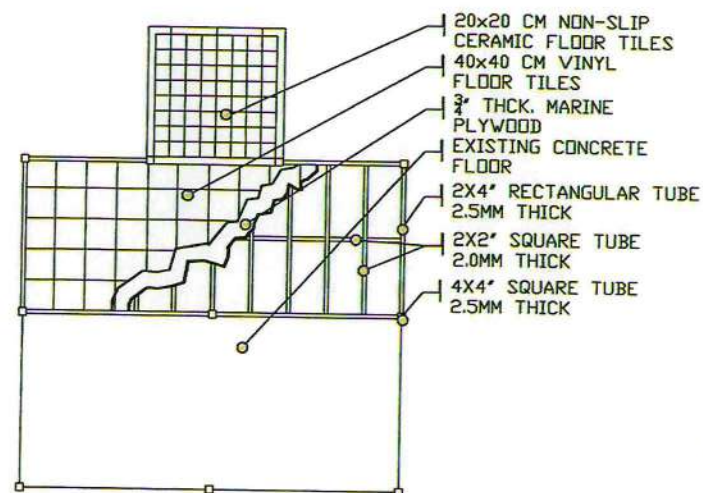
A-4 SCHEDULE OF DOORS AND WINDOWS
SHT4 SCALE 1:40



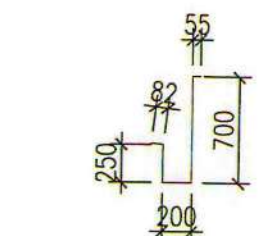
A-1 FOUNDATION WITH FLOOR FRAMING PLAN
SHT5 SCALE 1:100



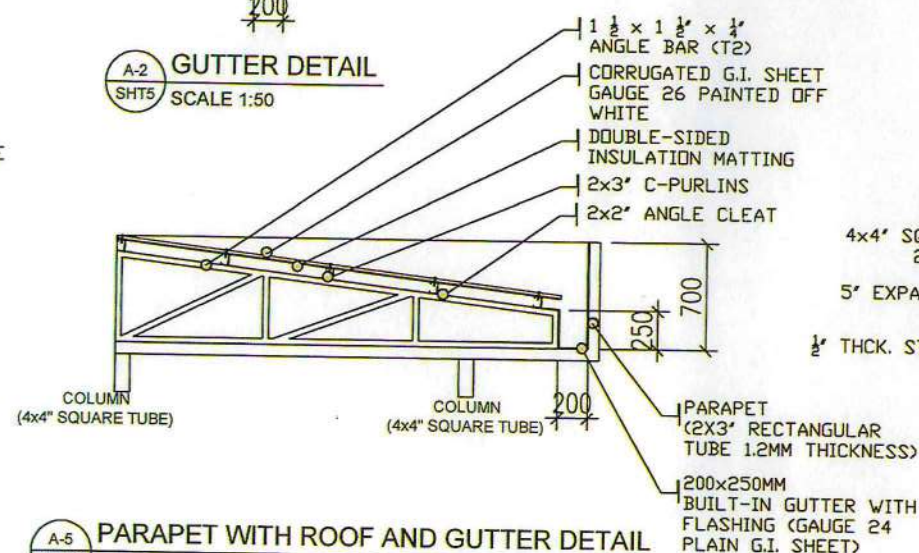
A-3 ROOF PLAN
SHT5 SCALE 1:100



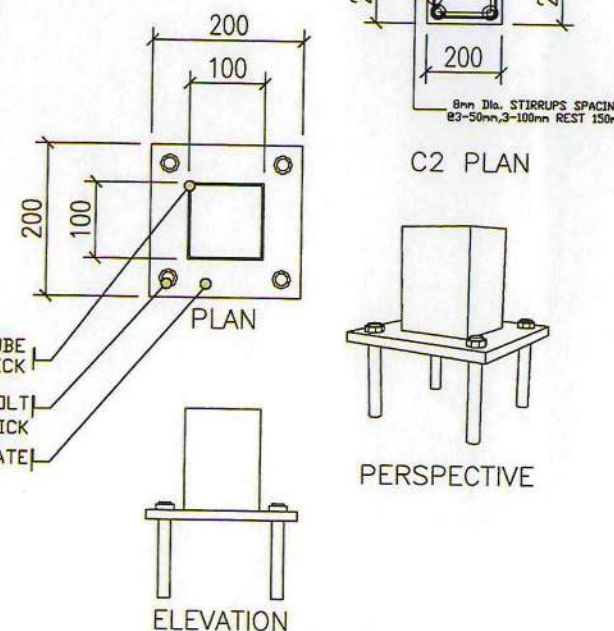
A-4 FLOORING DETAIL
SHT5 SCALE 1:100



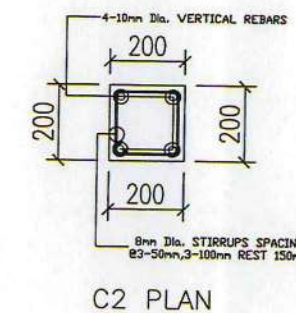
A-2 GUTTER DETAIL
SHT5 SCALE 1:50



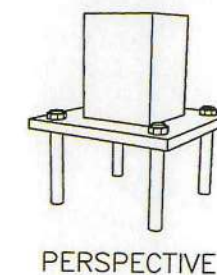
A-5 PARAPET WITH ROOF AND GUTTER DETAIL
SHT5 SCALE 1:50



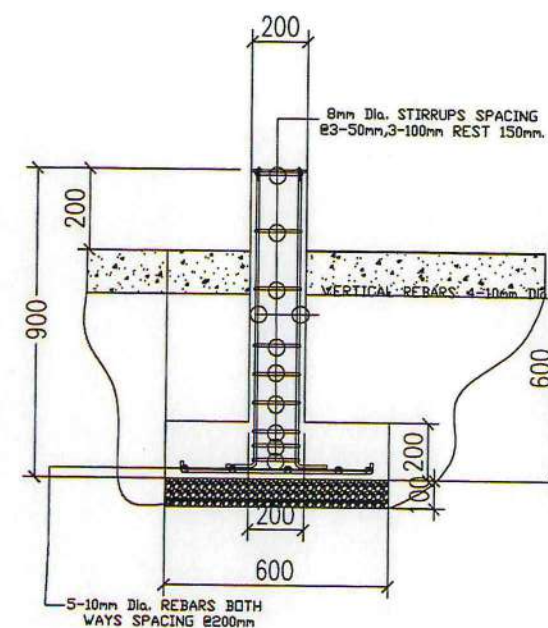
A-6 COLUMN DETAIL
SHT5 SCALE 1:10



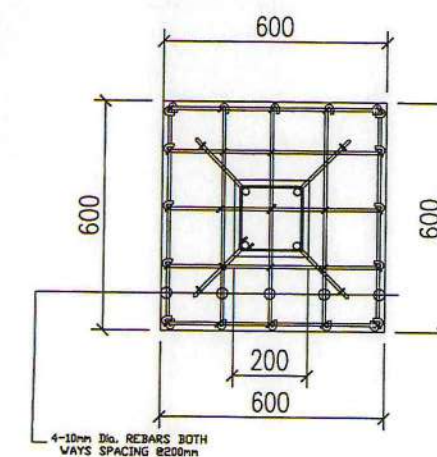
C2 PLAN



PERSPECTIVE

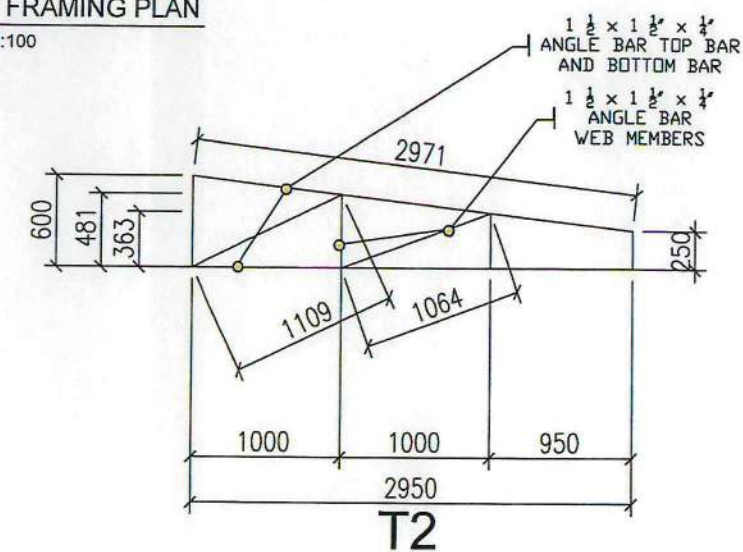
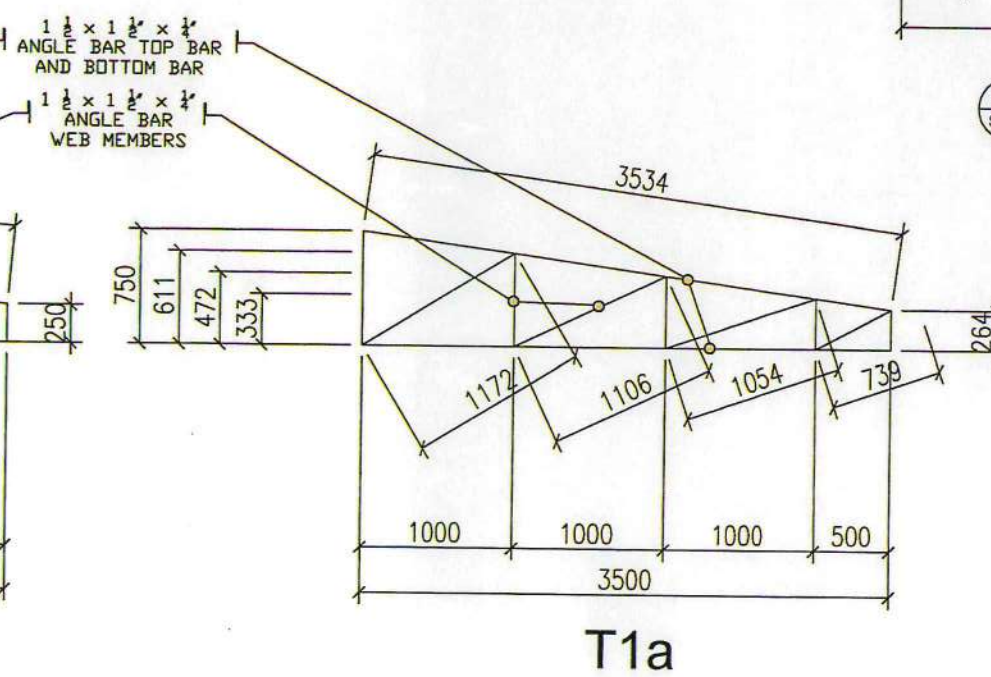
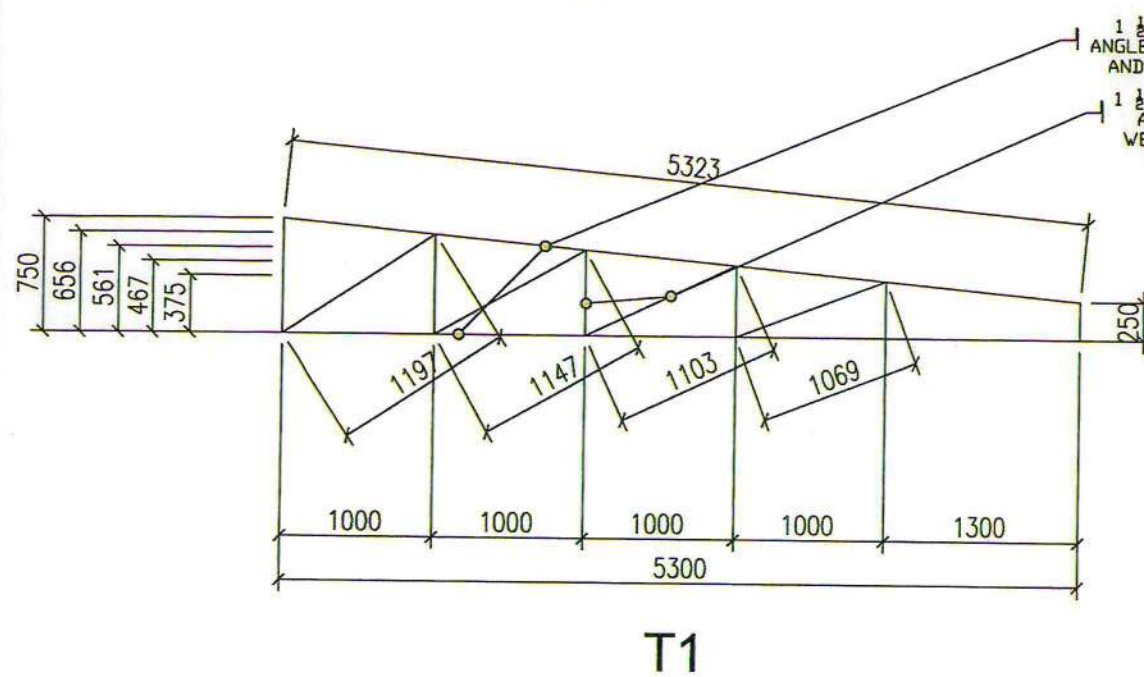
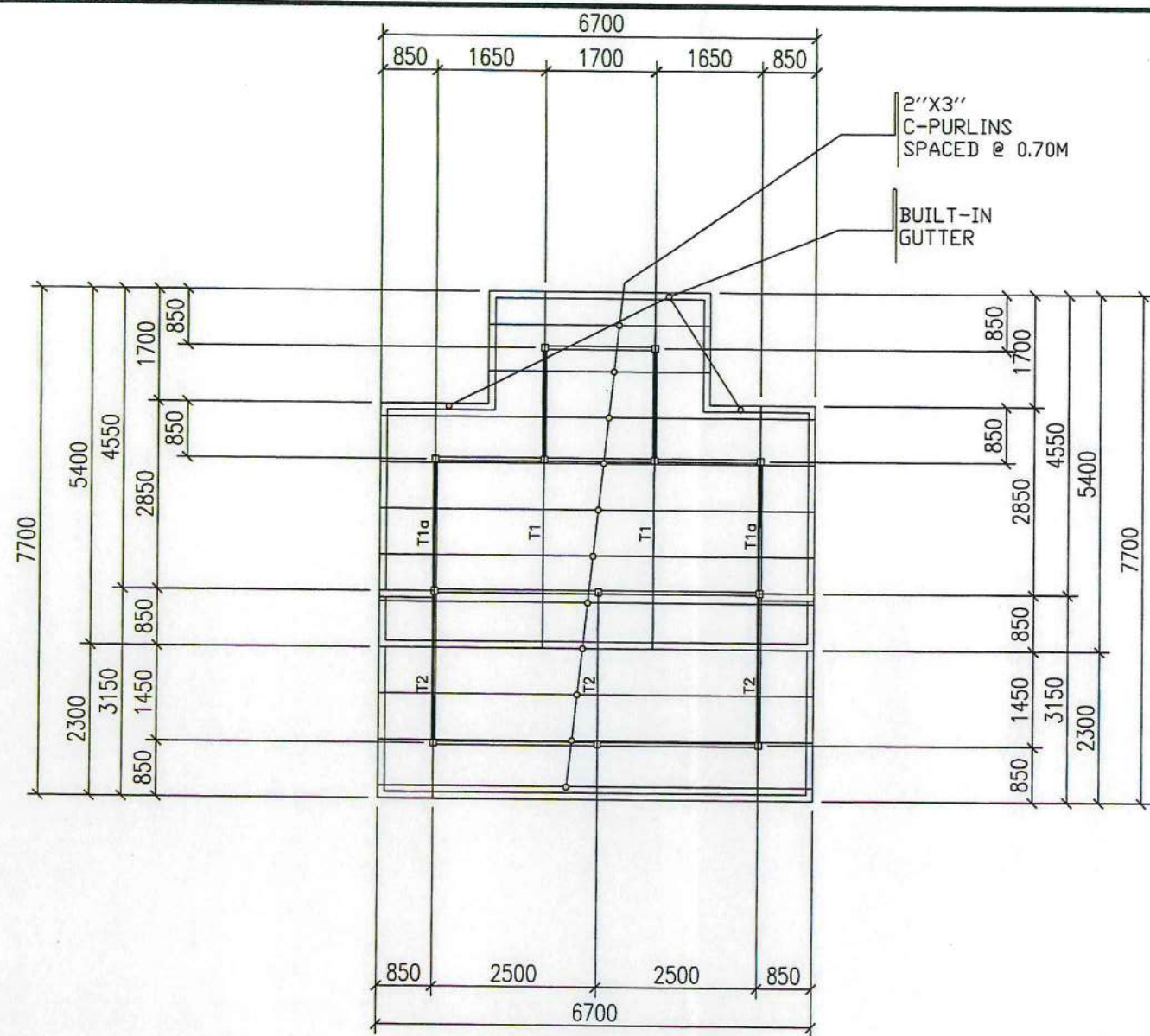
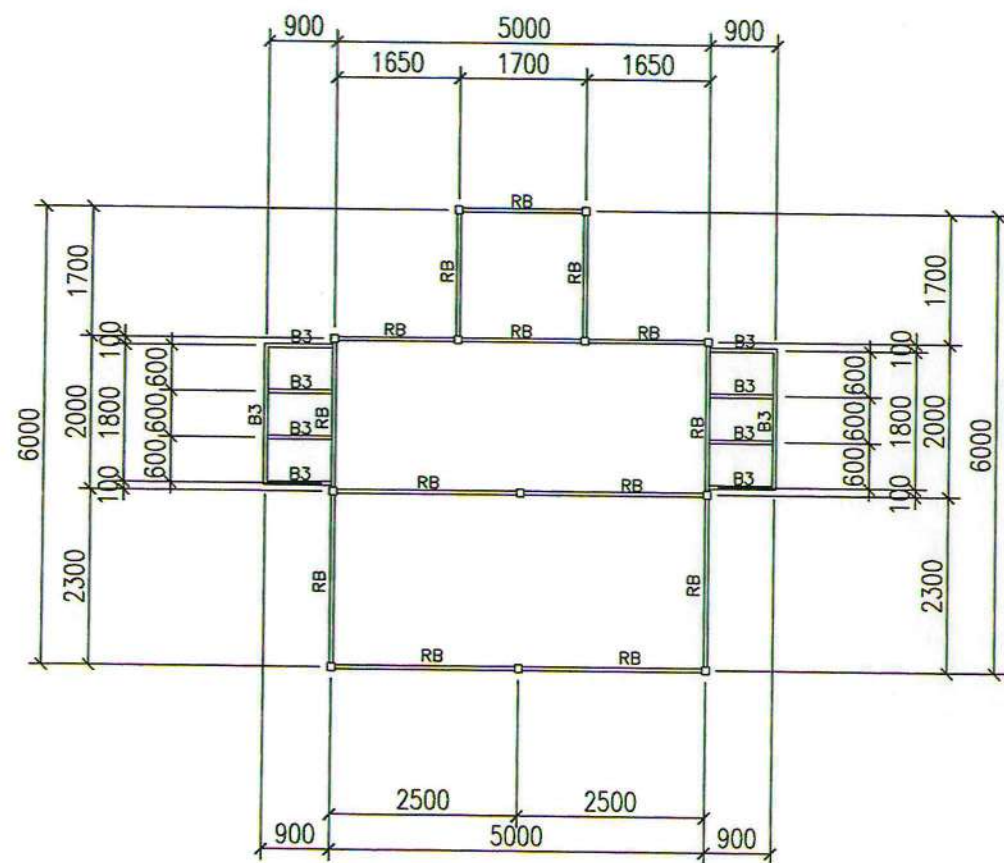


A-7 C2-F1 SECTION
SHT5 SCALE 1:20



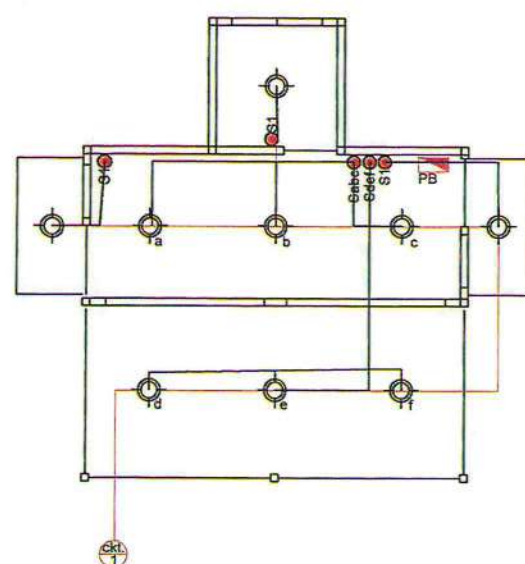
A-8 C2-F1 DETAIL
SHT5 SCALE 1:20

SCHEDULE OF BEAMS	
FLOOR FRAMING:	
B1	2X4\" RECTANGULAR TUBE 2.5MM THCK.
B2	2X2\" SQUARE TUBE 2.0MM THCK.
TB	0.20 0.25 TOP BAR - 2 of 16mmØ BOT BAR - 3 of 16mmØ 0.20 0.25 TOP BAR - 3 of 16mmØ BOT BAR - 2 of 16mmØ
TIES: 10mm Ø TIES 2 @ 0.05, 8 @ 0.075 REST @ 0.15m O.C.	
CANOPY AND PARAPET:	
RB	2X3\" RECTANGULAR TUBE 1.5MM THCK.
B3	2X3\" RECTANGULAR TUBE 1.2MM THCK.

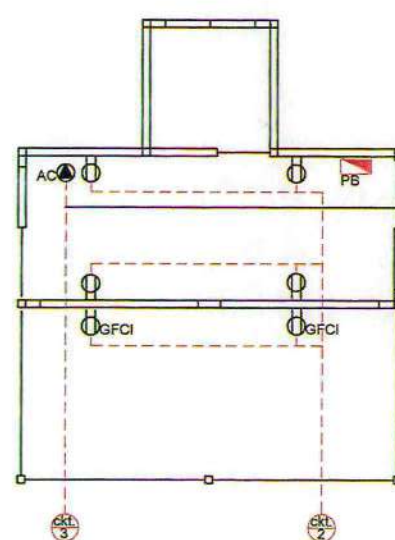


SCHEDULE OF LOADS											
CKT. NO.	DESCRIPTION	WATTS	VOLTS	VA	AMPERED	CIRCUIT PROTECTION				SIZE AND TYPE OF CONDUCTOR	SIZE OF CONDUIT PVC
					A	POLES	AMPERE TRIP	AMPERE FRAME	KAIC		
PB											
1	9 units - 13watts Recessed LED Slim Downlight, Warm White	117 W	230V	234VA	1.02	2 P	15 AT	50 AF	10	2 - 2.0mm2 THHN & 1 - 2.0mm2 TW (Ground)	20mm Ø PVC
2	4 Units - Duplex Universal Convenience Outlet with Ground & 2 Unit - GFCI Convenience Outlet	1,728 W	230V	2,160VA	9.39	2 P	20 AT	50 AF	10	2 - 3.5mm2 THHN & 1 - 2.0mm2 TW (Ground)	20mm Ø PVC
3	2HP Window Type Air Conditioning Unit	1,452 W	230V	1,865VA	12.00	2 P	30 AT	50 AF	10	2 - 5.5mm2 THHN & 1 - 2.0mm2 TW (Ground)	20mm Ø PVC
4	Spare		230V			2 P	20 AT	50 AF	10	2 - 3.5mm2 THHN & 1 - 2.0mm2 TW (Ground)	20mm Ø PVC
SUB - TOTAL		3,337 W	230V	4,259VA	22.4 A						
Feeder Line Size:						2 P	40 AT	100 AF	10	2 - 14mm2 THHN Wire & 1 - 8.0mm2 TW (Ground)	32mm Ø PVC
I _{line} = (1.25 * 12) + 22.4 = 25.50A											
Circuit Protection Size:											
I _{protection} = (2.5 * 12) + 22.4 = 40.40A											

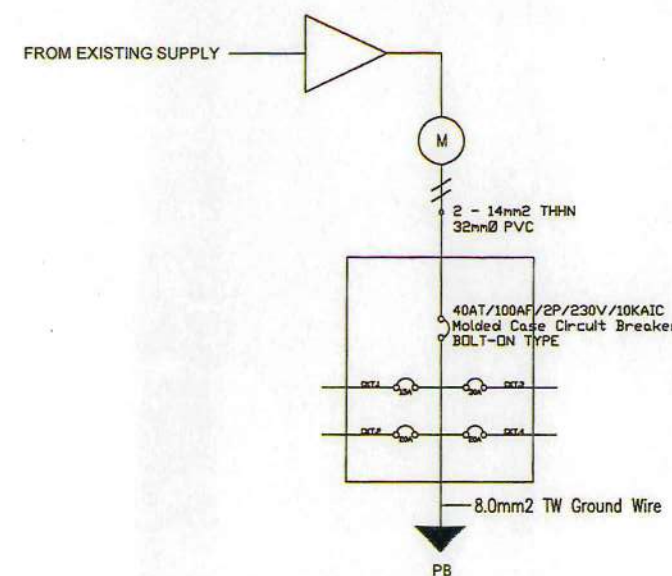
A-4 LOAD SCHEDULE
SHT7 NTS



A-1 LIGHTING LAYOUT
SHT7 SCALE 1:100



A-2 POWER LAYOUT
SHT7 SCALE 1:100



A-5 SINGLE LINE DIAGRAM
SHT7 NTS

ELECTRICAL GENERAL SPECIFICATIONS

ALL WORKS AND INSTALLATION HEREIN SHALL BE DONE IN ACCORDANCE TO

RULES AND REGULATION OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND ORDINANCES.

ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF THE APPROVED TYPE AND QUALITY FOR ITS PURPOSES AND LOCATION.

ALL ELECTRICAL WIRE SHALL BE OF THE SIZE INDICATED ON THE SCHEDULES, NO WIRE SMALLER THAN 3.5 MM FOR CIRCUIT RUN.

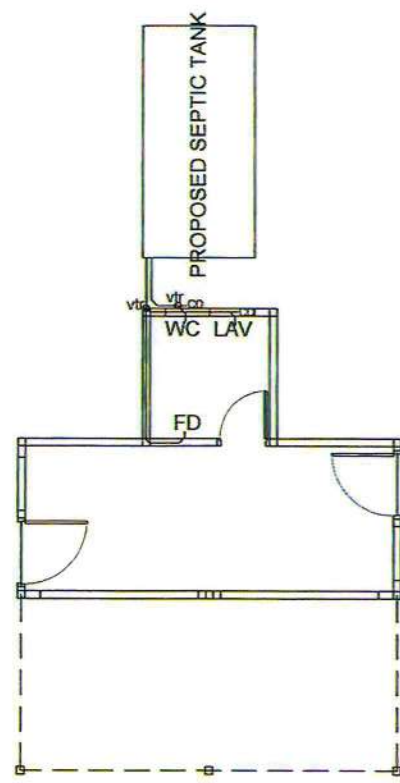
ALL WORKS SHALL BE DONE BY COMPETENT ELECTRICIAN UNDER THE SUPERVISION OF THE DULLY LICENCE ELECTRICAL ENGINEER.

MOUNTING HEIGHT OF ELECTRICAL DEVICES SHALL BE AS FOLLOWS:

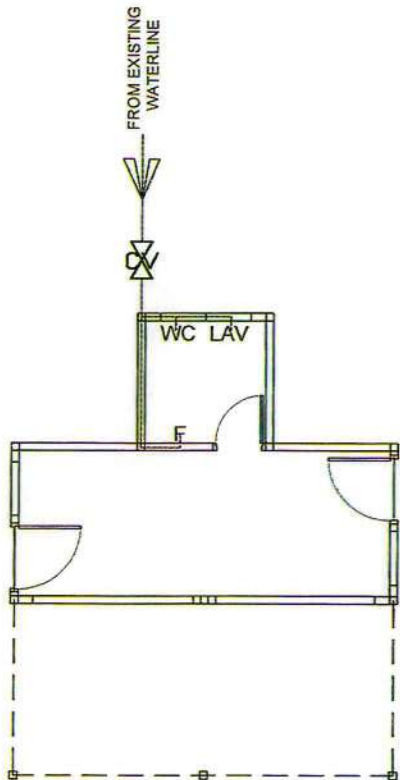
- CONVENIENCE OUTLET ----- 0.34m ABOVE FINISHED FLOOR LINE
- WALL SWITCHES ----- 1.37m ABOVE FINISHED FLOOR LINE
- PANEL BOARD ----- 1.829m FROM THE TOP OF PANEL BOARD TO FINISH FLOOR LINE

LEGEND:

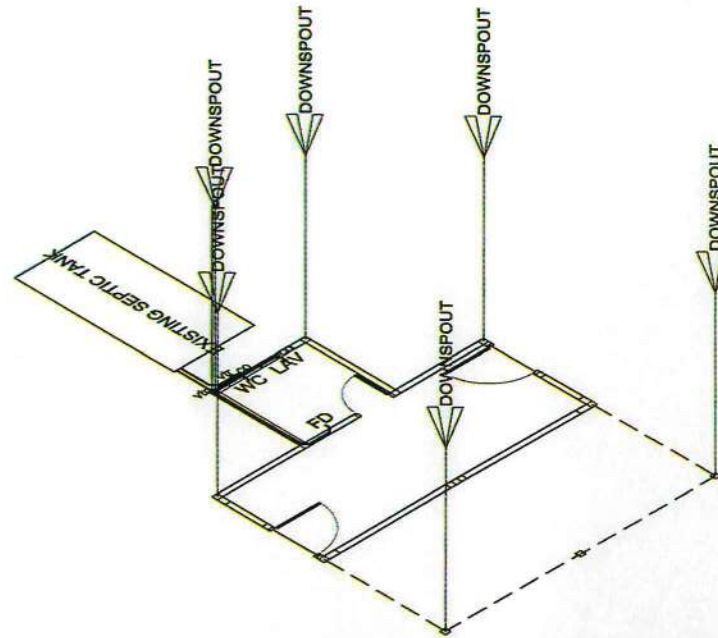
- 13WATTS RECESSED LED DOWNLIGHT
- 2 GANG UNIVERSAL CONVENIENCE OUTLET
- GFCI CONVENIENCE OUTLET
- SPECIAL PURPOSE OUTLET
- PANEL BOARD
- 3 GANG SWITCH
- 1 GANG SWITCH
- POWER CIRCUIT HOMERUN
- LIGHTING CIRCUIT HOMERUN



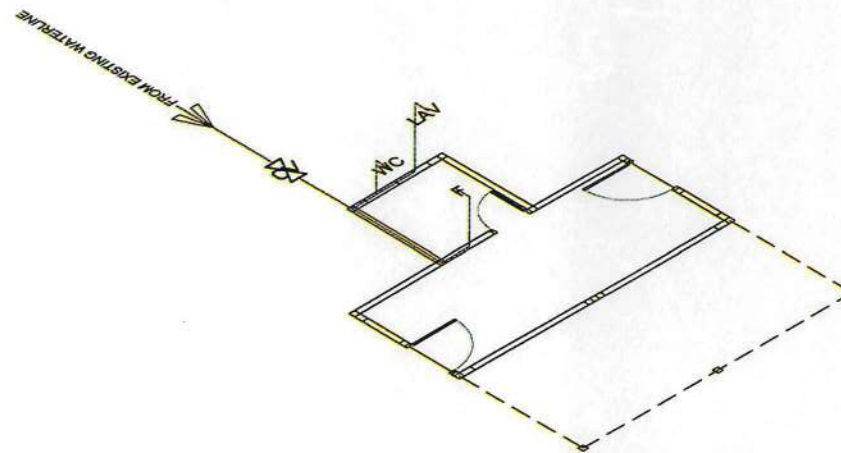
A-2
SHT8
SANITARY LAYOUT
SCALE 1:100



A-1
SHT8
WATER LAYOUT
SCALE 1:100



A-4
SHT8
ISOMETRIC SANITARY LAYOUT
SCALE 1:100



A-3
SHT8
ISOMETRIC WATER LAYOUT
SCALE 1:100

LEGEND & SYMBOLS:

WC	WATER CLOSET
LAV	LAVATORY
F	FAUCET
VTR	VENT THRU ROOF
CO	CLEAN OUT
	CONTROL VALVE
	COLD WATER LINE
	SEWER WASTE PIPE

SPECIFICATIONS:

MATERIALS	:	ALL MATERIALS TO BE USED IN ALL PLUMBING SYSTEMS OR PART THEREOF SHALL BE NEW AND OF APPROVED TYPE FOR THE LOCATION AND PURPOSE INTENDED.
JOINTS	:	ALL JOINTS AND CONNECTIONS SHALL BE MADE PERMANENTLY GAS AND WATER TIGHT.
PIPE CLEAN-OUTS	:	A READILY ACCESSIBLE PIPE CLEAN-OUT SHALL BE PROVIDED AT THE UPPER END OF EVERY HORIZONTAL OF SOIL PIPE.
PLUMBING FIXTURES	:	ALL PLUMBING FIXTURES SHALL BE SO INSTALLED WITH REGARDS TO SPACING AND ROUGHING IN DIMENSIONS AS TO REASONABLY ACCESSIBLE FOR THEIR INTENDED USE.
TESTS	:	THE PLUMBING SYSTEMS SHALL BE SUBJECTED TO SUCH TESTS AS WELL AS TO DISCLOSE ALL LEAKS AND DEFECTS IN WORK.

