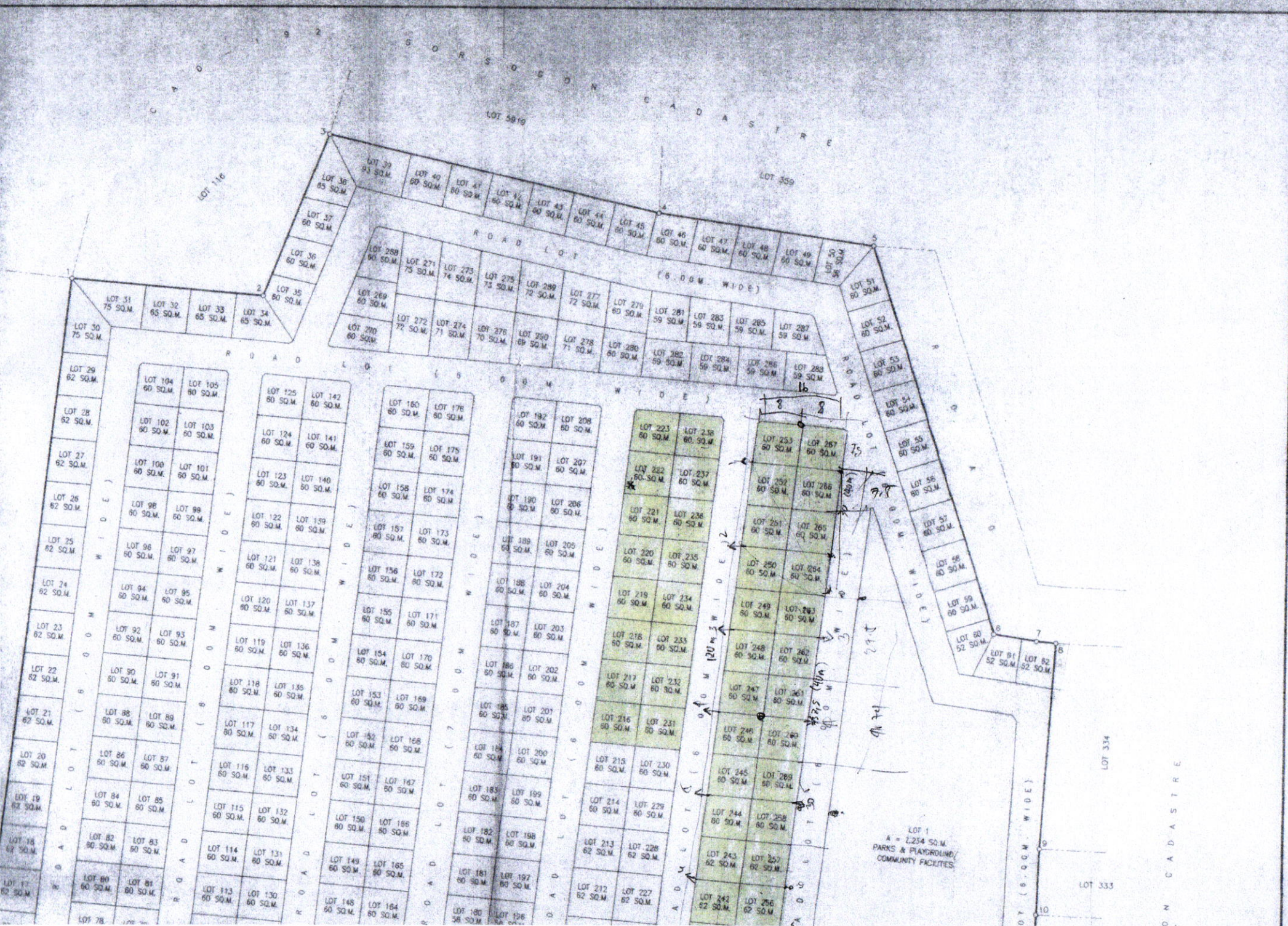


SECTION D N CADASTRE



LOT 1
A = 2,234 SQ.M
PARKS & PLAYGROUND
COMMUNITY FACILITIES

LOT (6.00M WIDE)


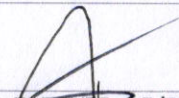

ON CADASTRE

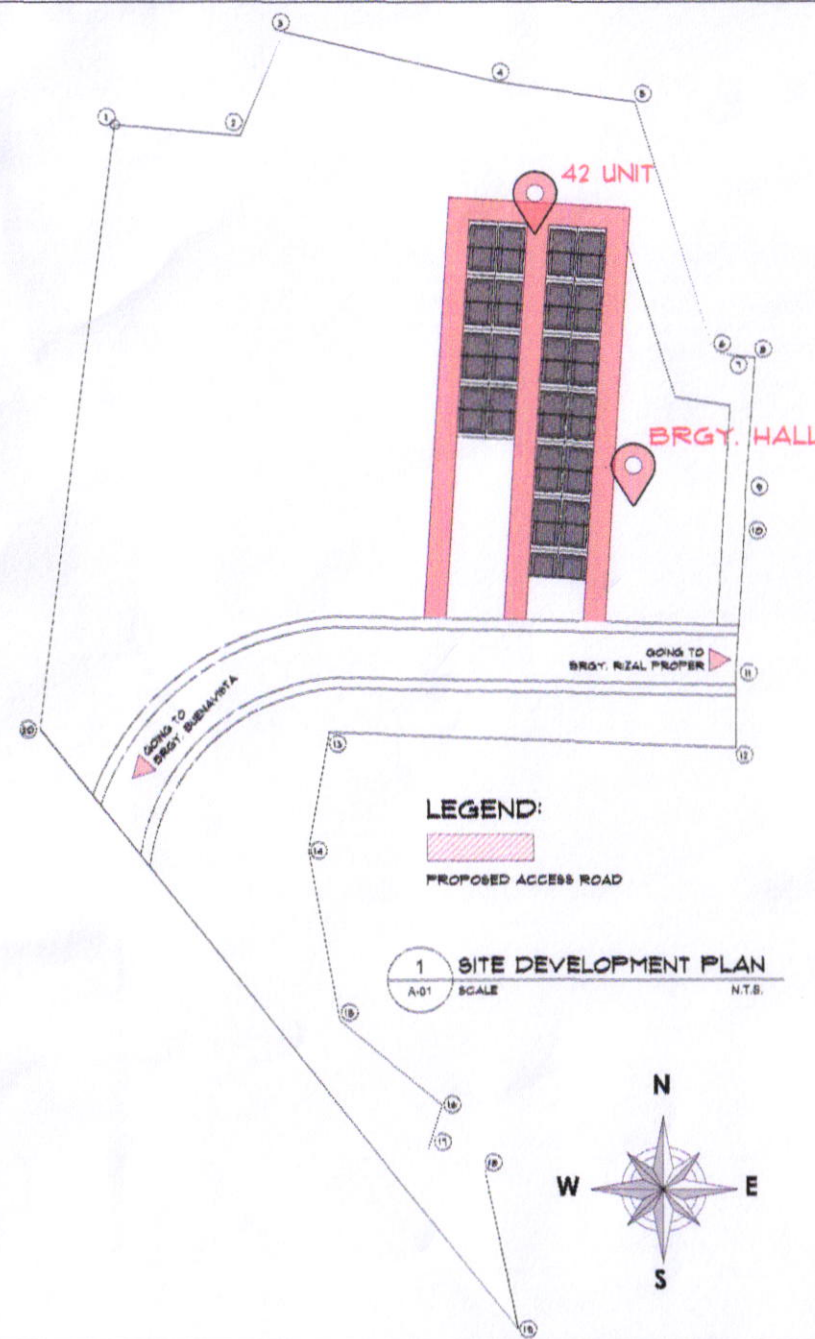


1 PERSPECTIVE VIEW 1
A-01 SCALE 1:100 m



1 PERSPECTIVE VIEW 2
A-01 SCALE 1:100 m

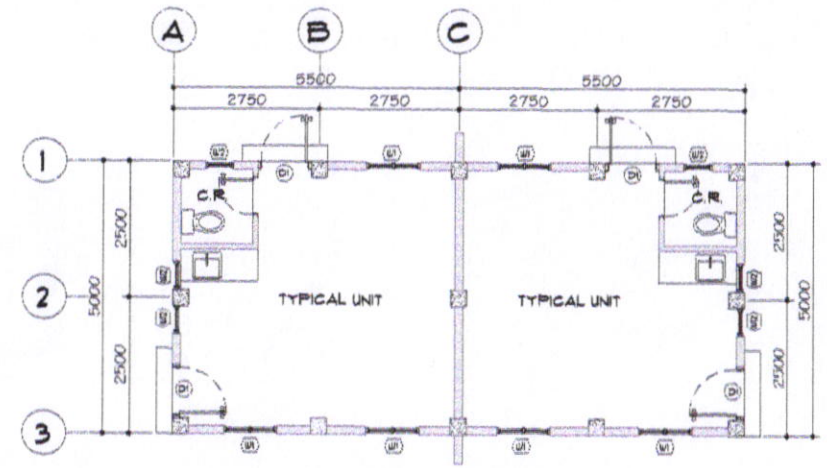
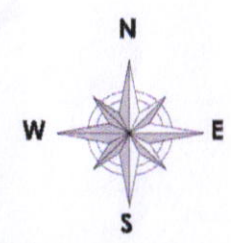
 <p>SORSOGON CITY CITY ENGINEER'S OFFICE</p>	PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.	
	CONSTRUCTION OF HOUSING UNITS					AS - SHOWN	A-01
	LOC: BRGY. RIZAL, WEST DIST. SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. DOMES, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR			



TECHNICAL DESCRIPTION - LOT AREA
LOT 12 BLK 3

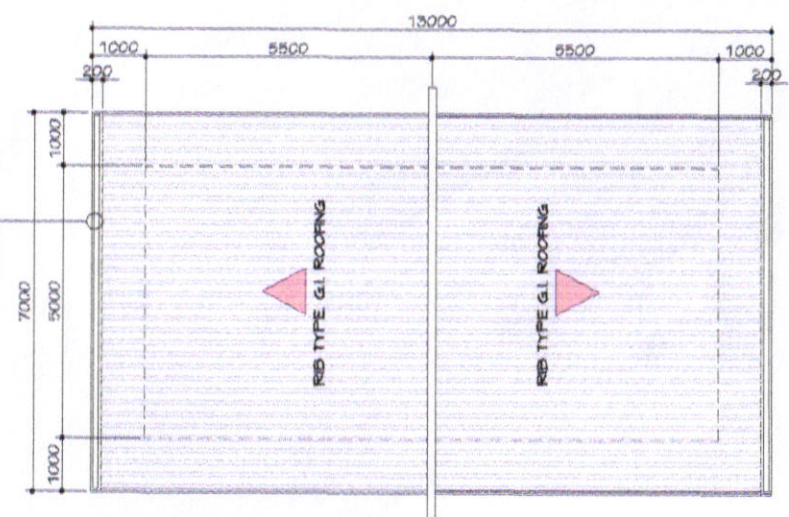
LINE	BEARING	DISTANCE
1-2	S 84° 48' E	34.33 m
2-3	N 22° 22' E	31.37 m
3-4	S 78° 49' E	60.49 m
4-5	S 81° 35' E	38.74 m
5-6	S 17° 23' E	72.89 m
6-7	S 81° 01' E	07.82 m
7-8	S 84° 52' E	03.57 m
8-9	S 04° 00' W	37.00 m
9-10	S 02° 34' W	11.86 m
10-11	S 03° 35' W	39.98 m
11-12	S 00° 28' E	18.88 m
12-13	N 87° 42' W	112.65 m
13-14	S 10° 19' W	33.28 m
14-15	S 10° 17' E	48.02 m
15-16	S 49° 54' E	36.82 m
16-17	S 18° 00' W	12.52 m
17-18	S 67° 31' E	16.73 m
18-19	S 11° 36' E	44.87 m
19-20	N 38° 16' W	212.45 m
20-1	N 07° 25' E	189.05 m

1 SITE DEVELOPMENT PLAN
A-01 SCALE N.T.S.



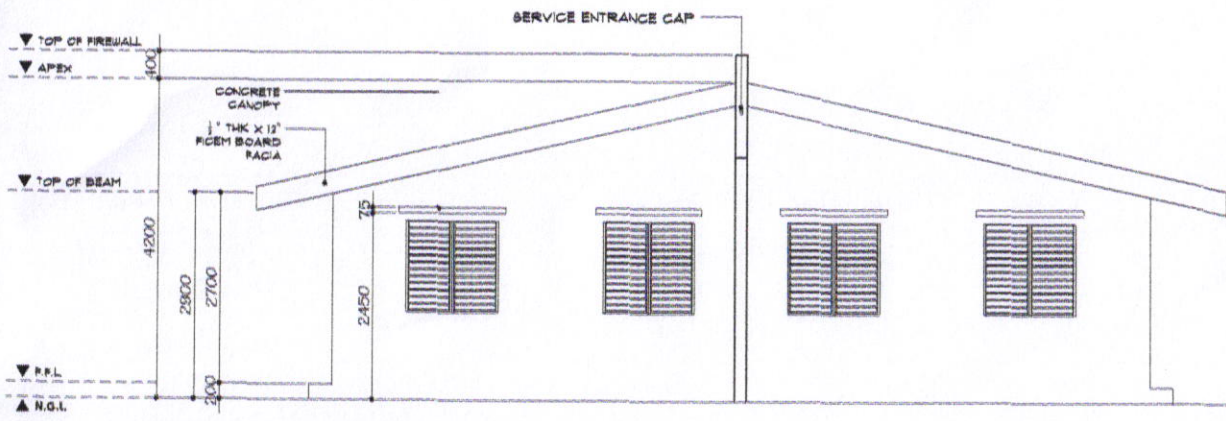
2 42 UNITS GROUND FLOOR PLAN
A-01 SCALE 1:100 m

0.4MM THK PRE-FAB /
PRE-PAINTED GUTTER
WITH 1" THK X 12"
PCEN BOARD FACIA

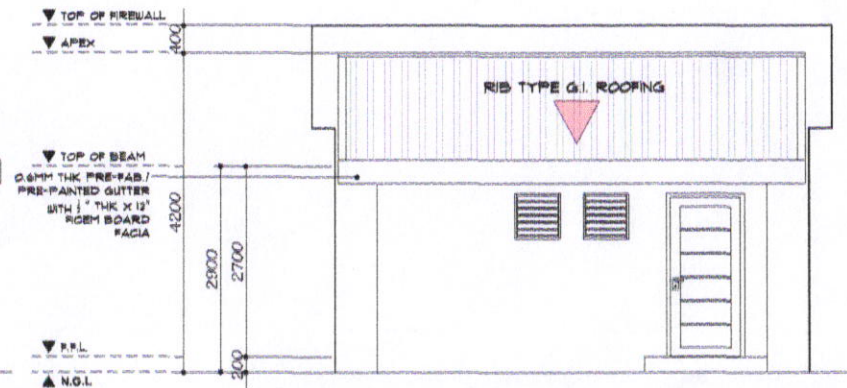


3 ROOF PLAN
A-01 SCALE 1:100 m

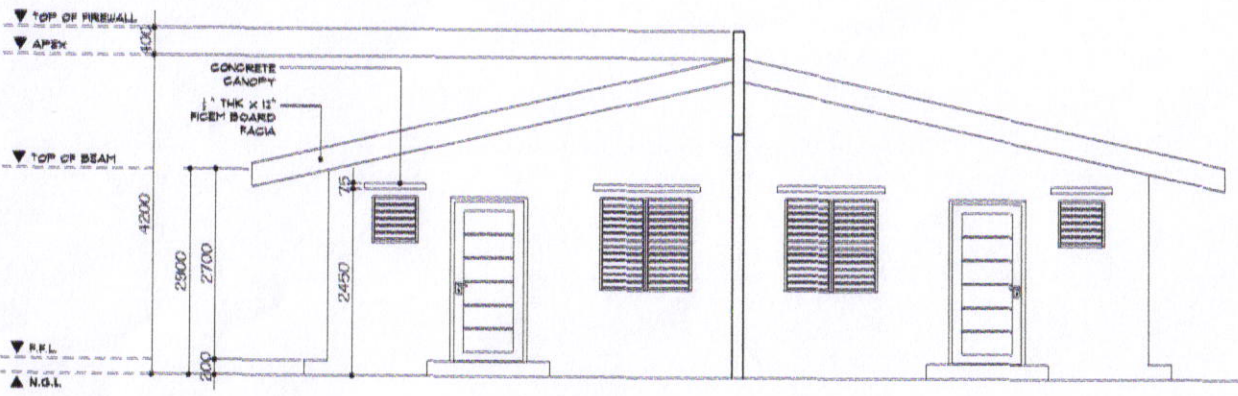
<p>SORSOGON CITY CITY ENGINEER'S OFFICE</p>	PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
	CONSTRUCTION OF HOUSING UNITS				AS - SHOWN	A-01
	LOC: BRGY. RIZAL, WEST DIST. SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. DOMENC, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR		



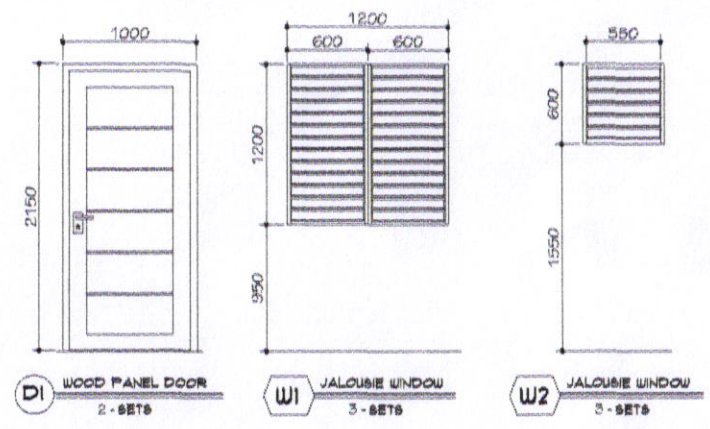
1 FRONT VIEW ELEVATION
A-02 SCALE 1:70 m



3 FRONT VIEW ELEVATION
A-02 SCALE 1:70 m



2 REAR VIEW ELEVATION
A-02 SCALE 1:70 m



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE:
CONSTRUCTION OF HOUSING UNITS
LOC: BRGY. RIZAL, WEST DIST.
SORSOGON CITY

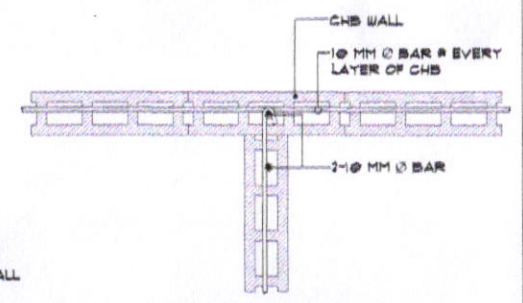
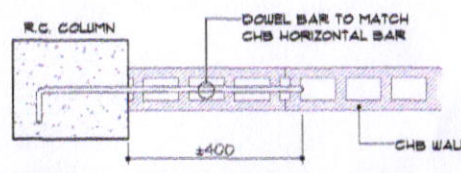
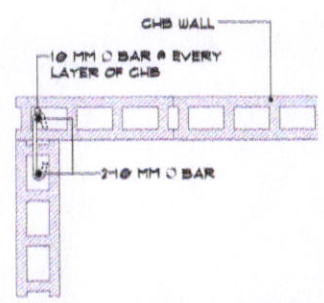
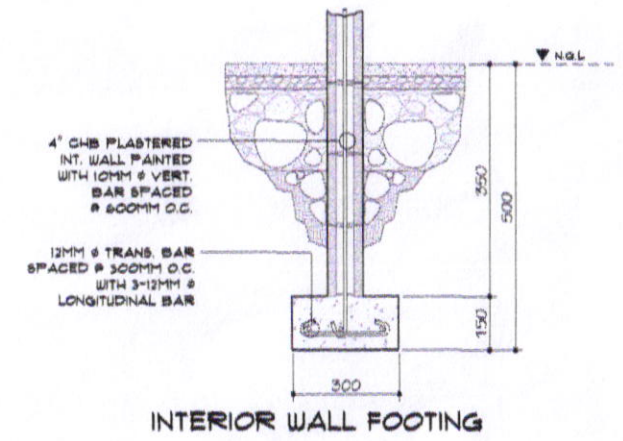
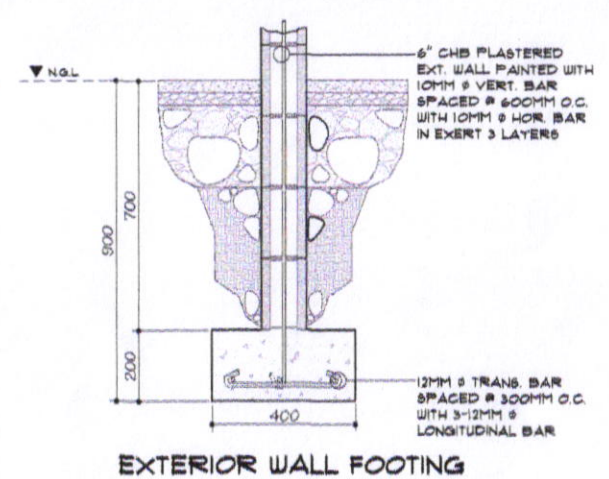
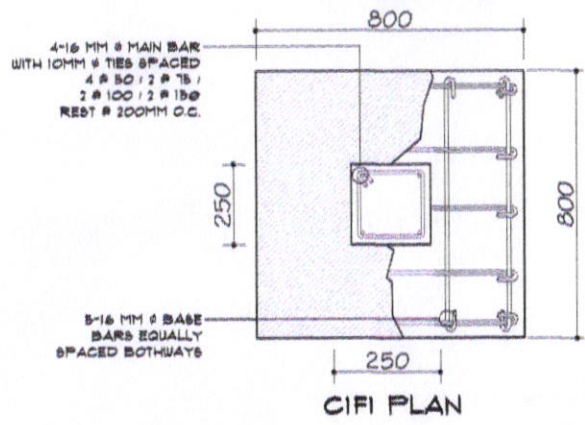
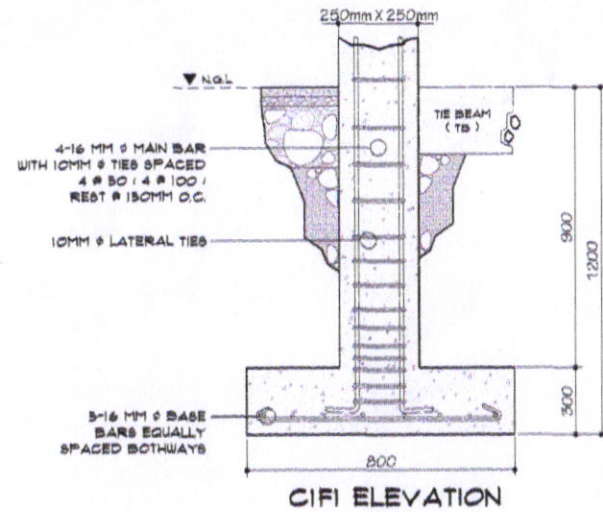
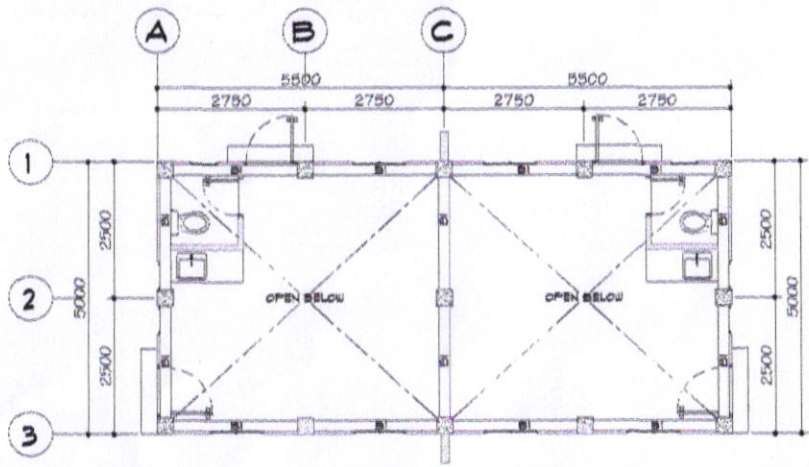
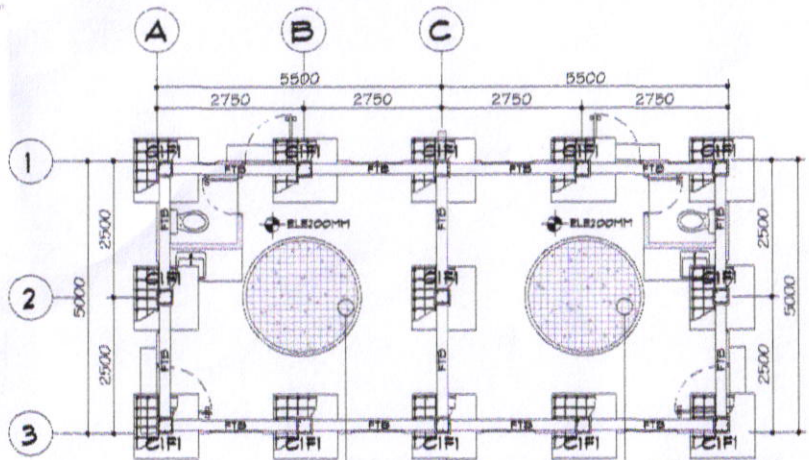
DRAWN BY:
[Signature]
IZRA D. HABLA
ARCHITECTURAL AIDE

RECOMMENDED BY:
[Signature]
ROEL D. DOMER, S.E./RMP
CIVIL ENGINEER

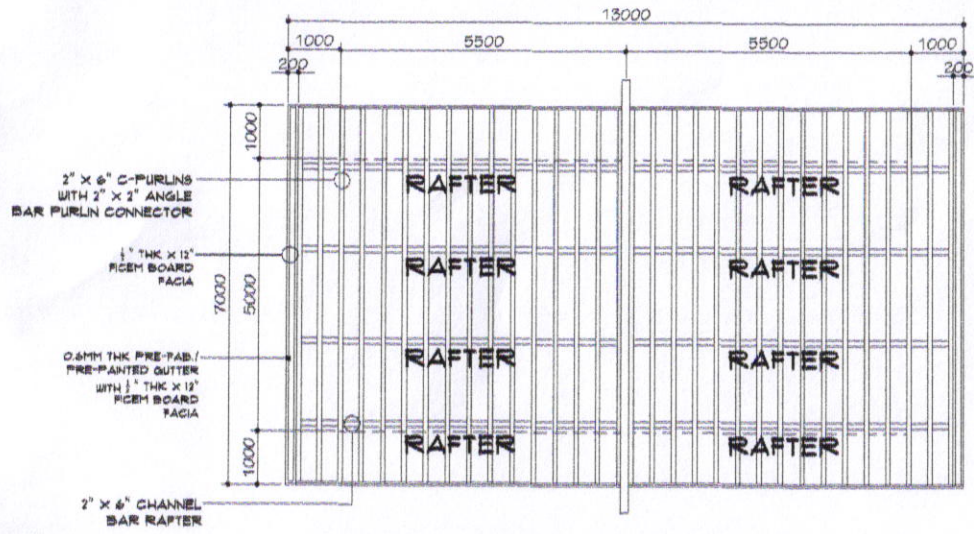
APPROVED BY:
[Signature]
MA. ESTER E. HAMOR
CITY MAYOR

SHEET CONTENT:
AS - SHOWN

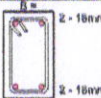
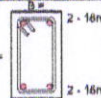
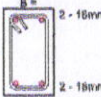
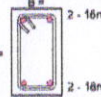
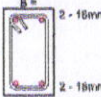
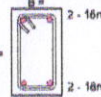


SHEET NO.
A-02

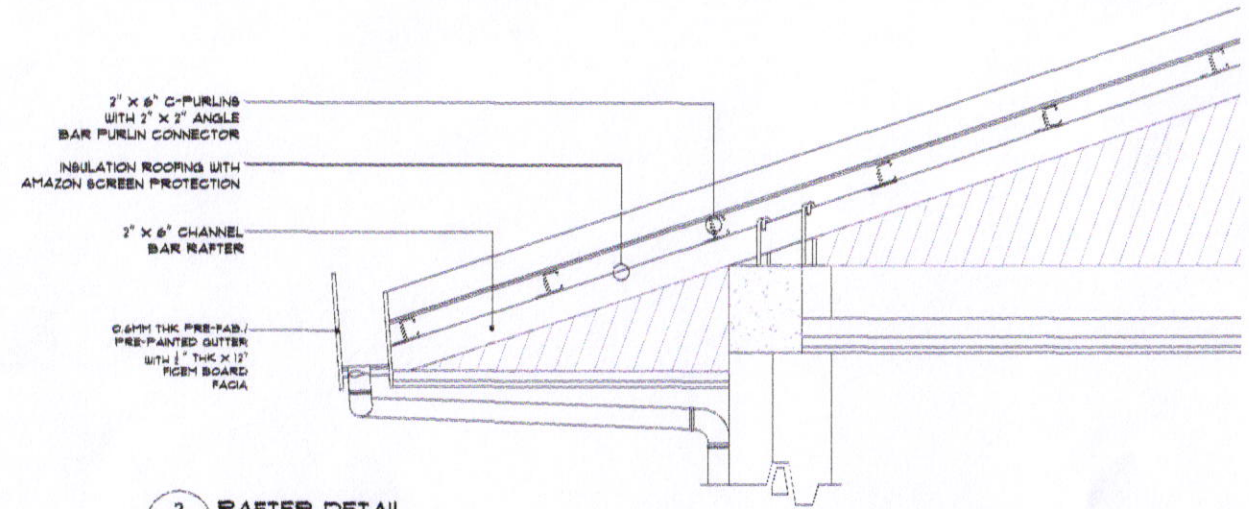


<p>SORSOGON CITY CITY ENGINEER'S OFFICE</p>	PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
	CONSTRUCTION OF HOUSING UNITS				AS - SHOWN	S-01
	LOC: BRGY. RIZAL, WEST DIST. SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. GOMEZ, C.E./RMP CITY ENGINEER	MA. ESTER B. HAMOR CITY MAYOR		




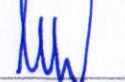


1 ROOF FRAMING LAYOUT
S-02 SCALE 1:100 m

SCHEDULE OF BEAM'S					
BEAM MARK	ADOPTED DIMENSION		# SUPPORT	# MIDSPAN	SPACING OF TIES / STIRRUPS (USING 10MM #)
	WIDTH (B)	DEPTH (D)			
FTB	200	300	 2 - 16mm \varnothing  2 - 16mm \varnothing	 2 - 16mm \varnothing  2 - 16mm \varnothing	4 # 8C ; 4 # 10C; AND THE REST # 150 MM O.C.
BI	200	300	 2 - 16mm \varnothing  2 - 16mm \varnothing	 2 - 16mm \varnothing  2 - 16mm \varnothing	4 # 8C ; 4 # 10C; AND THE REST # 150 MM O.C.



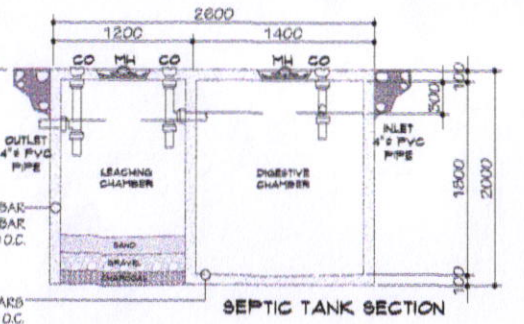
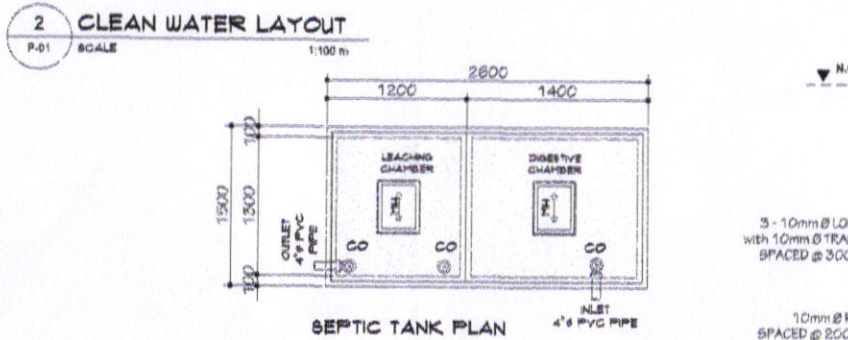
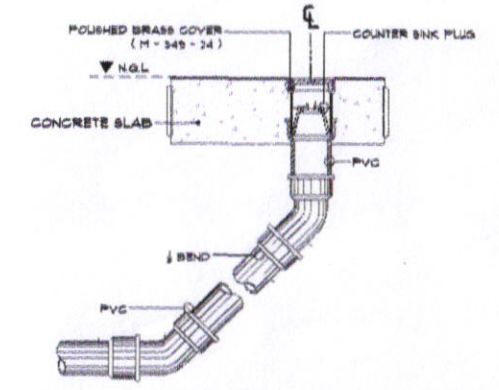
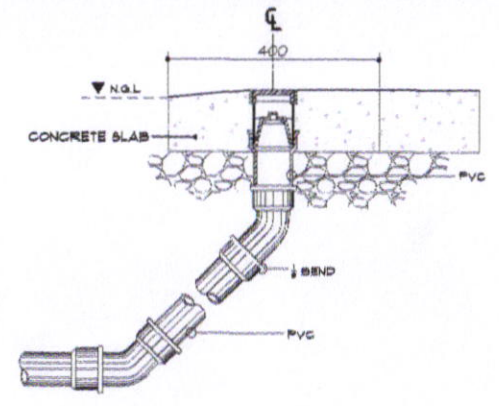
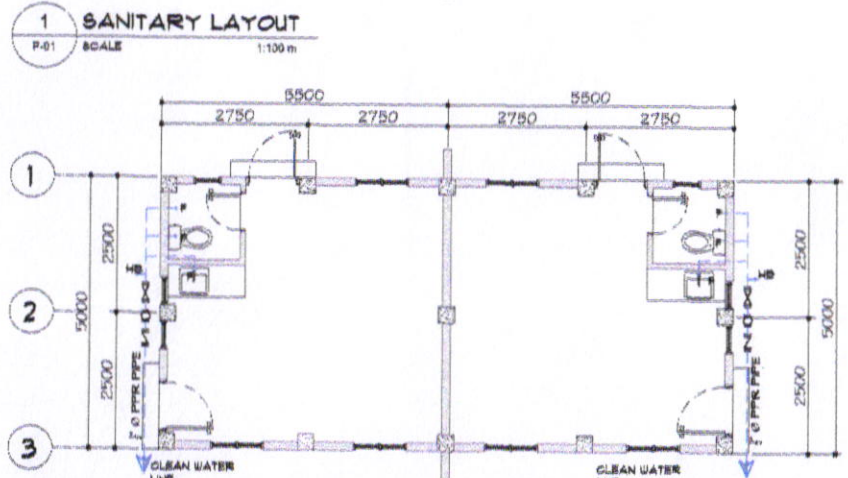
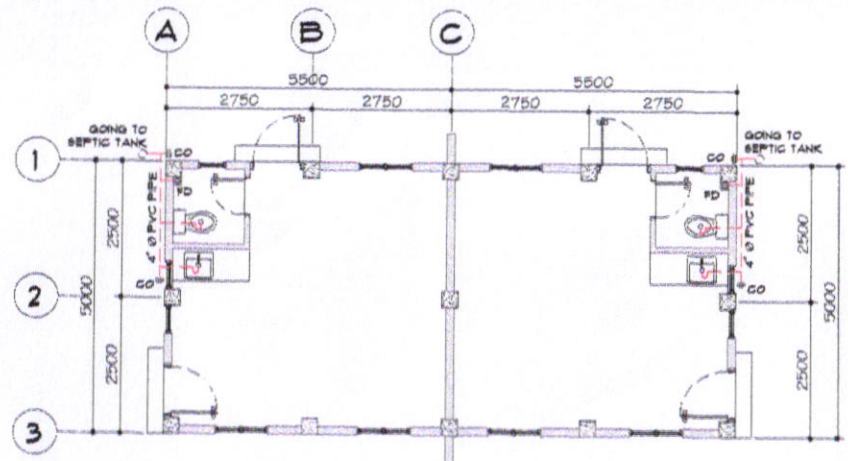
2 RAFTER DETAIL
S-02 SCALE N.T.S

 <p>SORSOGON CITY CITY ENGINEER'S OFFICE</p>	PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
	CONSTRUCTION OF HOUSING UNITS				AS - SHOWN	S-02
	LOC: BRGY. RIZAL, WEST DIST. SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. DOME, C.E./RMP CITY ENGINEER	MA. ESTER E. HAMOR CITY MAYOR		

GENERAL PLUMBING NOTES

- ALL PLUMBING INSTALLATIONS SHALL CONFORM W/ THE PROVISIONS OF THE NATIONAL PLUMBING CODE RULES AND REGULATIONS ENFORCE IN THE LOCALITY.
- PIPES SHALL BE INSTALLED AS INDICATED IN THE WORKING DRAWINGS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADES SHALL BE DONE UPON THE APPROVAL OF THE PLUMBING ENGINEER.
- ALL WATER LINES SHALL BE MADE OF G.I. PIPES; PVC PIPES FOR SOIL AND VENT LINES AND CONCRETE CULVERT FOR STORM DRAINS.
- ALL FIXTURES OR GROUP OF FIXTURES SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVE.
- ALL DOWNSPOUT SHALL BE AT LEAST 75 MM DIAMETER.
- CLEANOUTS ARE REQUIRED UNDER THE FF. CONDITIONS
 - VERTICAL CHANGE IN HORIZONTAL DIRECTION EXCEEDING 22.5 DEGREES.
 - 1.50 METER INSIDE THE THE PROPERTY LINE BEFORE HOUSE DRAINAGE CONNECTION.
 - EVERY 15.00M HORIZONTAL RUN OF PIPES.
 - AT THE ENDS OF ANY HORIZONTAL PIPES OR AS SHOWN IN THE PLANS.
- THE DIGESTION CHAMBER OF THE SEPTIC VAULT MUST BE WATER PROOFED.
- RUN ALL HORIZONTAL PIPES IN PERFECT ALIGNMENT AND AT A UNIFORM GRADE OF NOT LESS THAN TWO DEGREES.
- ALL PLUMBING WORKS SHALL BE DONE IN ACCORDANCE W/ THE APPROVED PLANS AND UNDER THE DIRECT SUPERVISION AND CONTROL OF A LICENSED MASTER PLUMBER OR SANITARY ENGINEER.

LEGEND:			
	WATER CLOSET - WC		CHECK VALVE - CV
	LAVATORY	CO	CLEAN OUT
	CATCH BASIN	DS	DOWNSPOUT
F	FAUCET	HB	HOT BIBB
FD	FLOOR DRAIN		CLEAN WATER PIPE
	GATE VALVE - GV		STORM DRAINAGE PIPE
	WATER METER - WM		SANITARY PIPE



<p>SORSOGON CITY CITY ENGINEER'S OFFICE</p>	PROJECT TITLE:	DRAWN BY:	RECOMMENDED BY:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
	CONSTRUCTION OF HOUSING UNITS				AS - SHOWN	P-01
	LOC: BRGY. RIZAL, WEST DIST. SORSOGON CITY	IZRA D. HABLA ARCHITECTURAL AIDE	ROEL D. BOMER, C.E./RMP CITY ENGINEER	MA ESTER E. HAMOR CITY MAYOR		

GENERAL ELECTRICAL NOTES

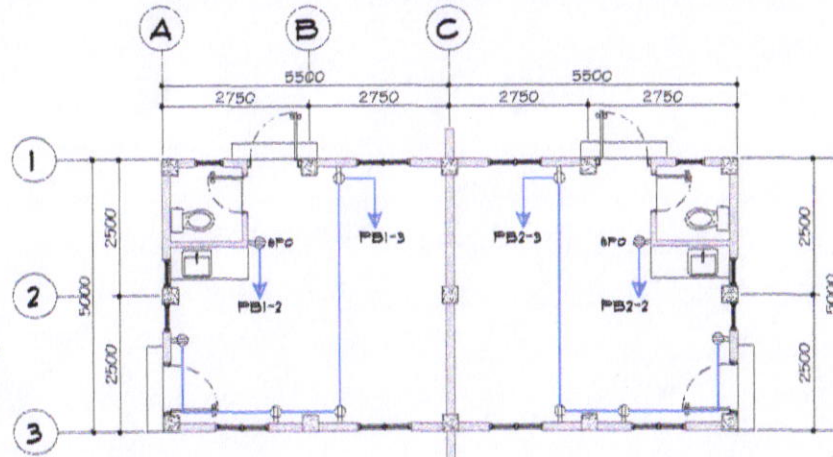
- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, REQUIREMENTS OF THE LOCAL AUTHORITIES ENFORCING THE CODE, AND REQUIREMENTS OF THE POWER SERVICE COMPANY CONCERNED.
- ALL WIRES SHALL BE COPPER TYPE T.H.N. IN INTERMEDIATE METALLIC CONDUIT (IMC) OR UNLESS OTHERWISE SPECIFIED.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF THE APPROVED TYPE, APPROPRIATE WITH THE LOCATION AND INTENDED USE.
- POWER SUPPLY SHALL BE 240 VOLTS, SINGLE PHASE, 60 HERTZ, TWO WIRE SYSTEM.
- ALL WORK HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY QUALIFIED AND LICENSED ELECTRICAL ENGINEER OR MASTER ELECTRICIAN.
- MINIMUM SIZE OF CONDUCTORS SHALL BE 2.0 MM T.H.N. IN 15 TRADE SIZE.
- MOUNTING HEIGHT FROM FINISH FLOOR LINE TO THE CENTER LINE OF DEVICES SHALL BE AS FALLOW:

- a. CONVENIENCE OUTLET 300 mm
- b. LIGHT SWITCHES 1400 mm
- c. ACU OUTLET 1500 mm
- d. PANEL BOARDS 1500 mm
- e. ELECTRIC METER 1800 mm

- ALL VERTICAL AND HORIZONTAL CONDUIT SHALL BE CONCEALED OR EMBEDDED ON CONCRETE WALL AND FLOORS.
- ALL CONDUITS SHALL BE PROPERLY REAMED PRIOR TO INSTALLATION TO AVOID DAMAGE TO THE SKIN OF THE WIRE.
- WORKMANSHIP OF THE WORK THROUGHOUT SHALL BE EXECUTED IN THE BEST AND MOST THOROUGH MANNER KNOWN TO THE TRADE AND TO THE SATISFACTION OF THE ARCHITECT AND THE ENGINEER.

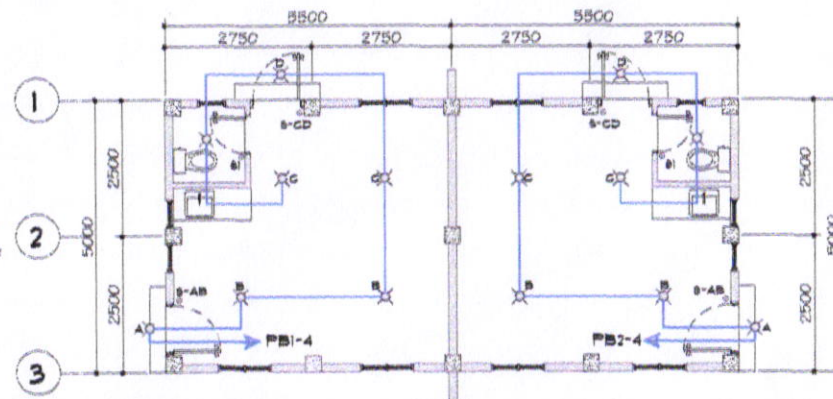
LEGEND:

	PANEL BOARD
	HOME RUN TO PANEL BOARD
	DUPLEX CONVENIENCE OUTLET, PARALLEL SLOT
	DOWN LIGHT (LED)
	POWER LINE



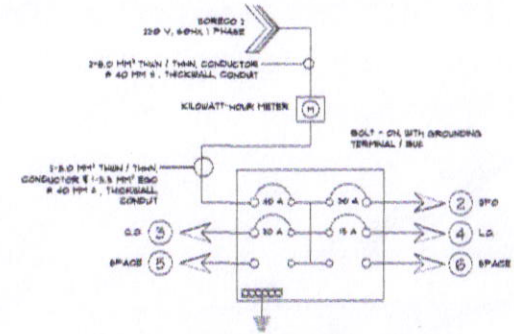
1 POWER LAYOUT

E-01 SCALE 1:100 m



2 LIGHTING LAYOUT

E-01 SCALE 1:100 m



TYPICAL RISER DIAGRAM @ PB1 AND PB2

CKT NO.	LOAD DESCRIPTION	QUANTITY	VA LOAD	VOLTS	AMPERE	CB RATING	SIZE OF WIRE AND CONDUIT
1	MAN	1	1,708	230	33.64	40 A	2 - 8.0mm ² THHN CU WIRE + 1 - 8.0mm ² THHN EGC / 25mm ID PVC CONDUIT
2	SPD	1	1,800	230	6.82	20 A	2 - 3.9mm ² THHN CU WIRE + 1 - 2.0mm ² THHN EGC / 25mm ID PVC CONDUIT
3	C.O.	4	100	230	3.13	20 A	2 - 3.9mm ² THHN CU WIRE + 1 - 2.0mm ² THHN EGC / 25mm ID PVC CONDUIT
4	L.O.	1	88	230	0.43	15 A	2 - 3.0mm ² THHN CU WIRE 20mm ID PVC CONDUIT
5	SPACE						
6	SPACE						

TOTAL VA = 2,318 VA

IT = 2,318 VA (100%) DF
230 V

= 10.07 A

USE 1 - 40 AT, 2P, 6 KAIC BOLT ON
2 - 8.0 MM² CU CONDUCTOR
@ 25MM ID CONDUIT
1 - 5.5 MM² GROUNDING
ELECTRODE CONDUCTOR



SORSOGON CITY
CITY ENGINEER'S
OFFICE

PROJECT TITLE: CONSTRUCTION OF HOUSING UNITS	DRAWN BY: IZRA D. HABLA ARCHITECTURAL AIDE	RECOMMENDED BY: ROEL D. BOMER, C.E./RMP CITY ENGINEER	APPROVED BY: MA. ESTER E. HAMOR CITY MAYOR	SHEET CONTENT: AS - SHOWN	SHEET NO. E-01
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