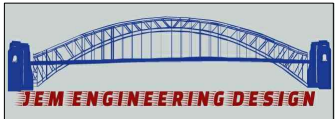


1
A-01

PERSPECTIVE

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ADDRESS: 17E HUBILLA STREET, SAN JUAN CITY
TEL. NO.: +632 7751-8299
EMAIL: cjemoralejo@gmail.com

DESIGNER:
JOVEN E. MORALEJO
CIVIL ENGINEER
PRC:
PTR:
TIN:
ISSUED:

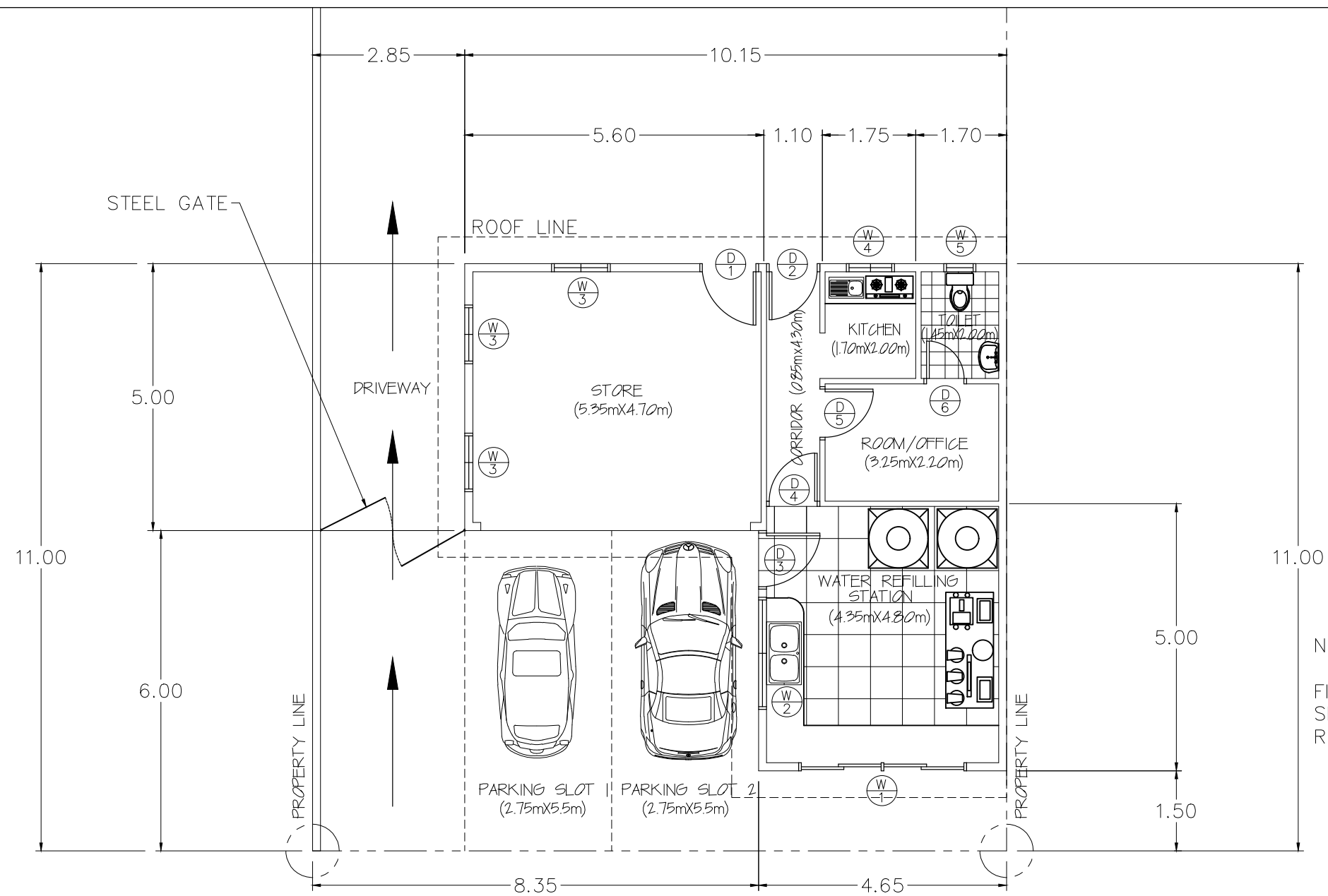
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PROPOSED WATER REFILLING STATION
AND GROCERY
SORSOGON CITY, PROVINCE OF SORSOGON

OWNER:
MR. ALDRIN E ENTAC

SHEET CONTENT(S):
- COVER SHEET
- PERSPECTIVE
- TABLE OF CONTENTS

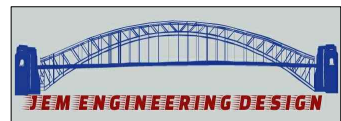
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CHECKED BY:
APPROVED BY:

SHEET NUMBER:
A-01
1



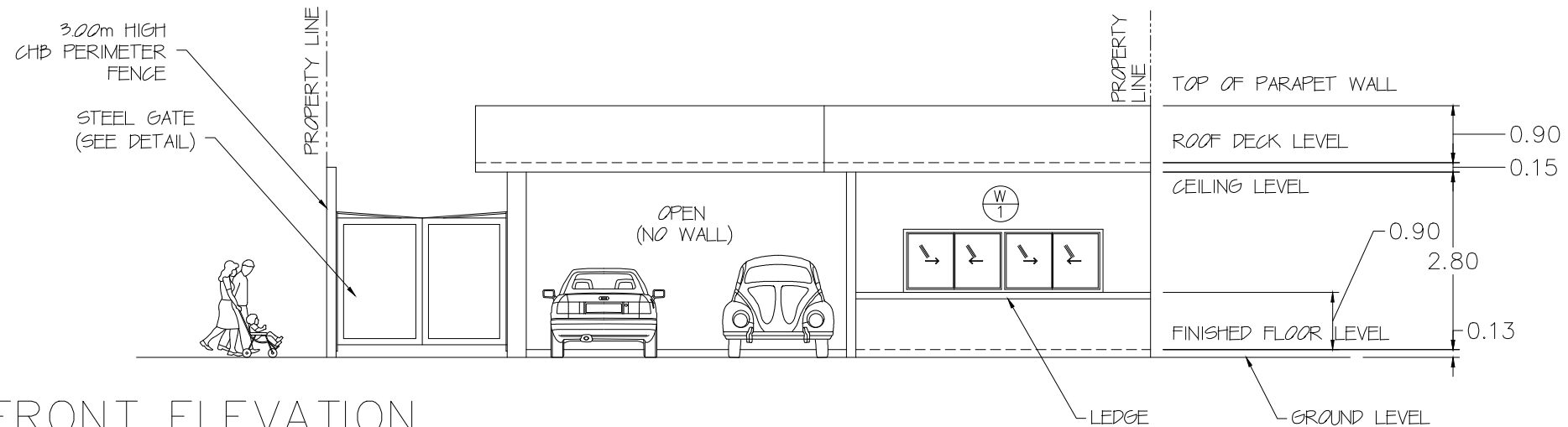
NOTE:
FINAL LAYOUT OF EQUIPMENT
SHALL BE BY THE WATER
REFILLING EQUIPMENT SUPPLIER.

1 FLOOR PLAN
A-01 SCALE: 1:5m

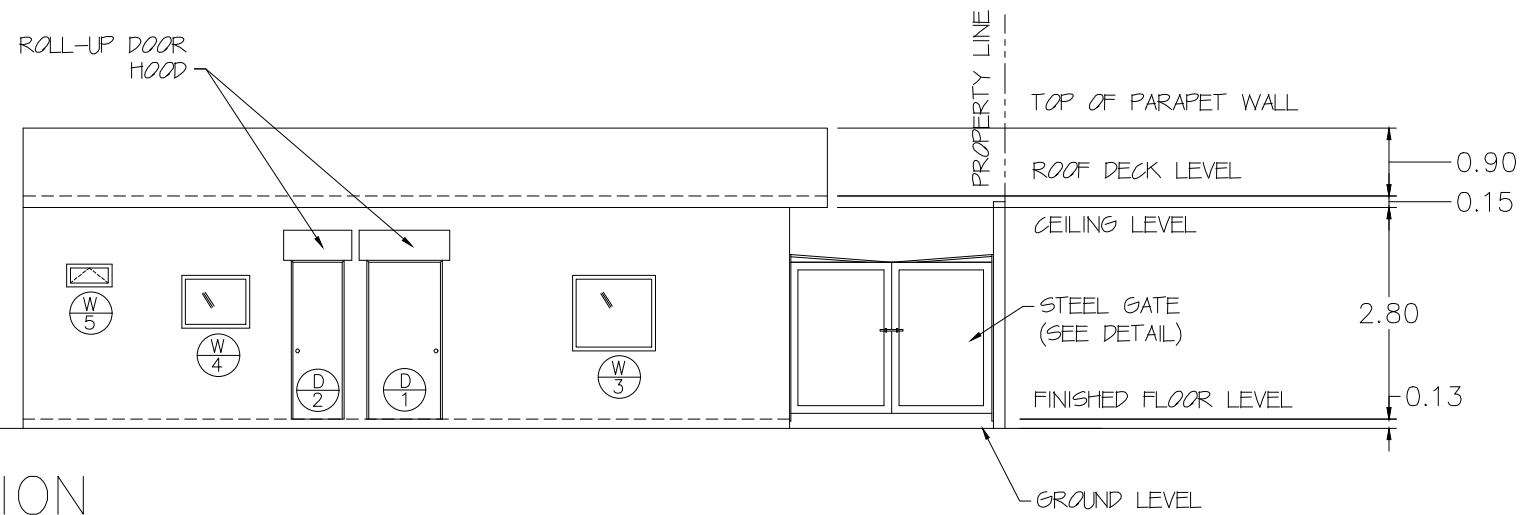


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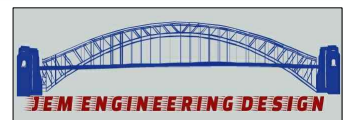
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JOVEN E. MORALEJO CIVIL ENGINEER	PROPOSED WATER REFILLING STATION AND GROCERY	MR. ALDRIN E ENTAC	FLOOR PLAN	CHECKED BY:	A-02
PRC:	TIN:			APPROVED BY:	2
PTR:	ISSUED:				
	SORSOGON CITY, PROVINCE OF SORSOGON				



1 FRONT ELEVATION
A-02 SCALE: 1:5m



2 REAR ELEVATION
A-02 SCALE: 1:5m



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CIVIL ENGINEER

PRC: PTR:
TIN: ISSUED:

PROJECT NAME/LOCATION:
PROPOSED WATER REFILLING STATION
AND GROCERY

SORSOGON CITY, PROVINCE OF SORSOGON

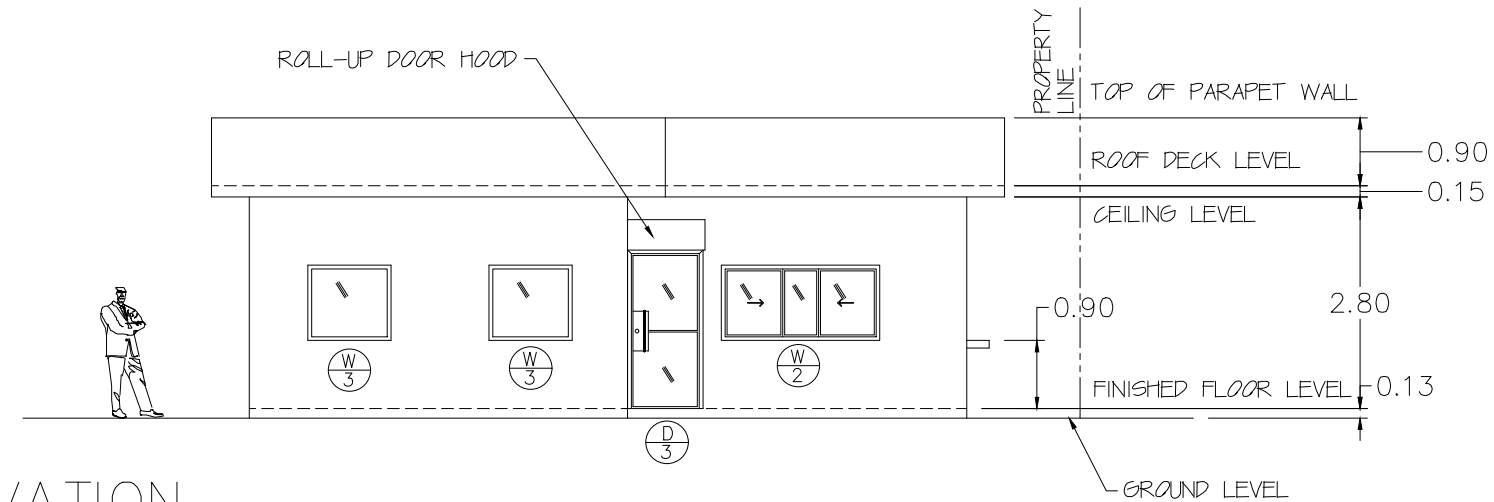
OWNER:
MR. ALDRIN E ENTAC

SHEET CONTENT(S):
- FRONT ELEVATION
- REAR ELEVATION

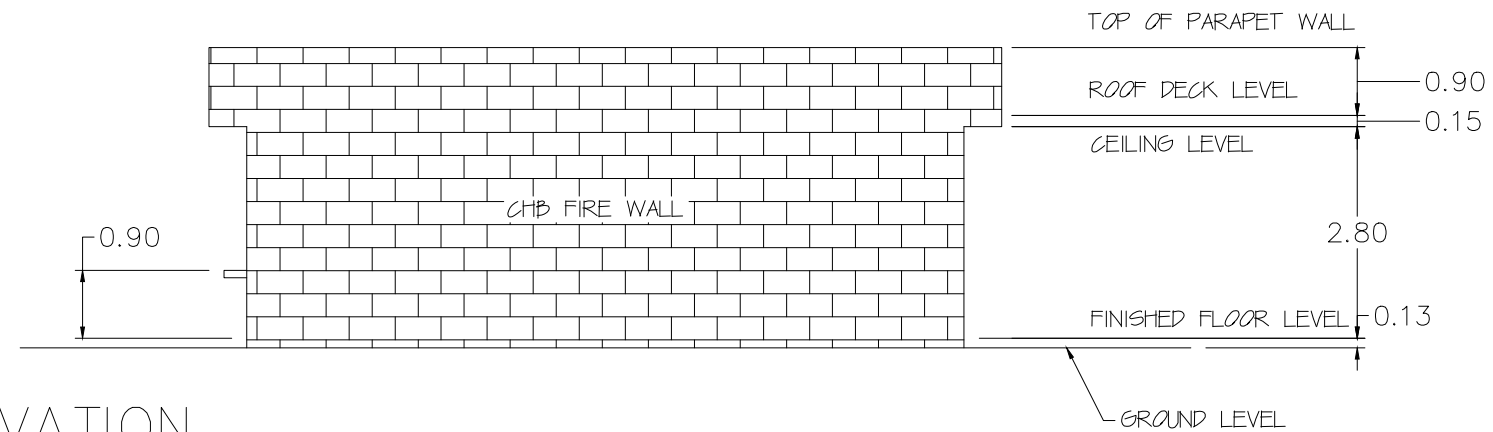
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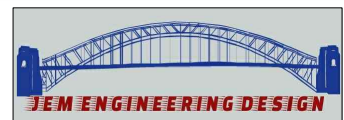
A-03
3



1 LEFT SIDE ELEVATION
A-03 SCALE: 1:5m



2 RIGHT SIDE ELEVATION
A-03 SCALE: 1:5m



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DESIGNER:
JOVEN E. MORALEJO
CIVIL ENGINEER

PRC: PTR:
TIN: ISSUED:

PROJECT NAME/LOCATION:
PROPOSED WATER REFILLING STATION
AND GROCERY

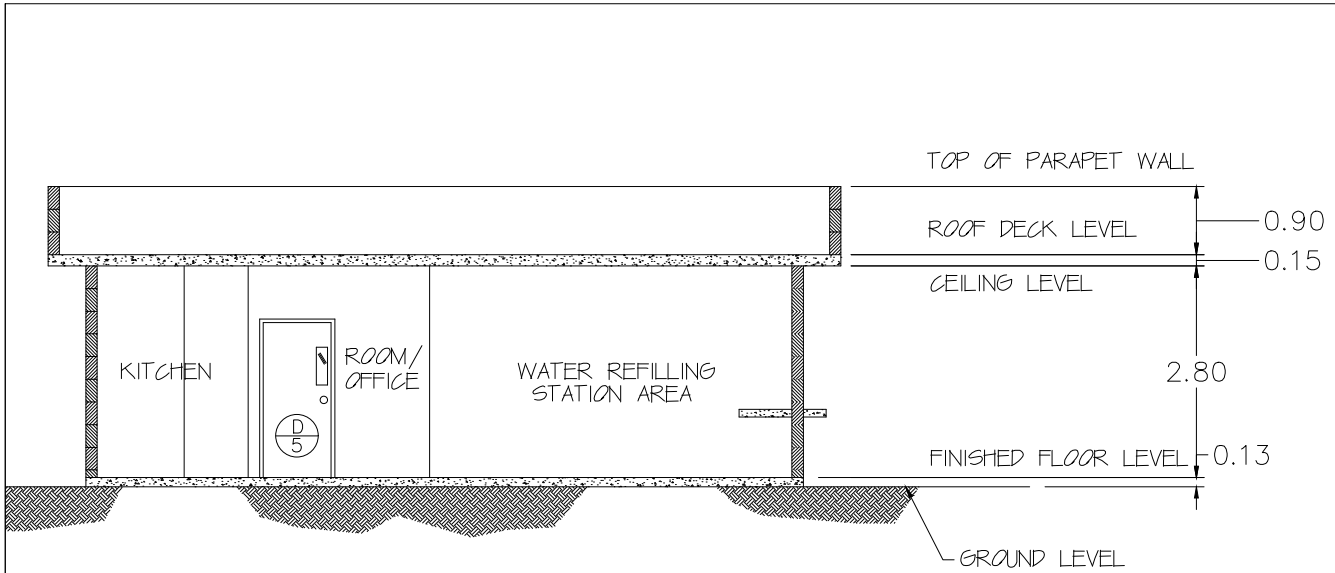
SORSOGON CITY, PROVINCE OF SORSOGON

OWNER:
MR. ALDRIN E ENTAC

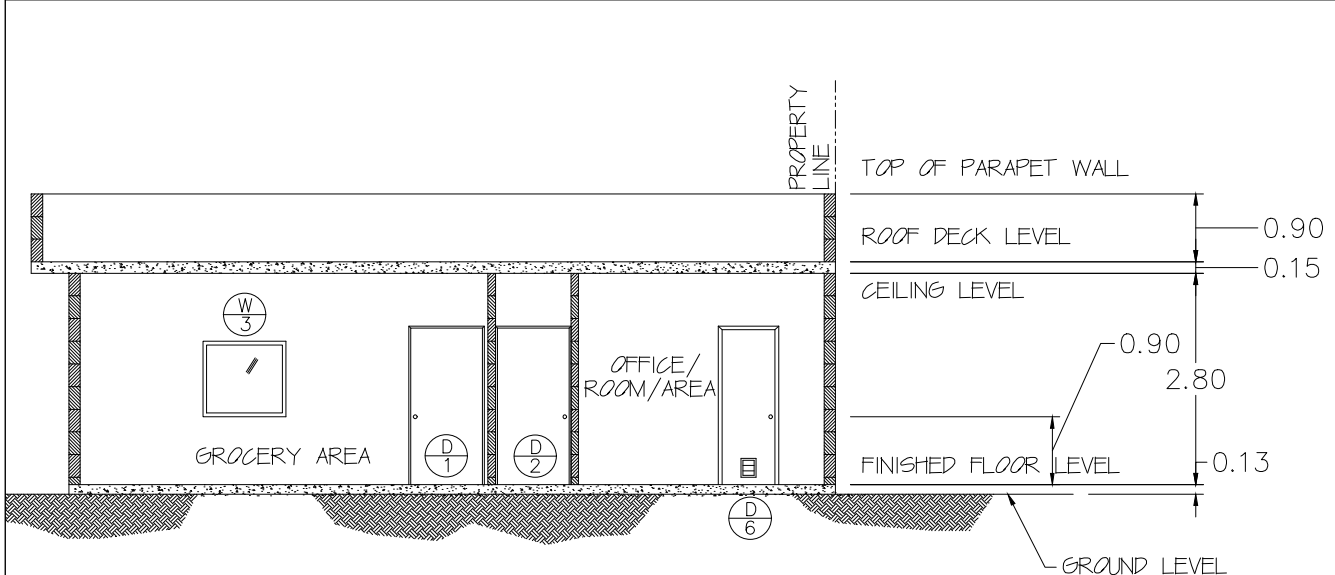
SHEET CONTENT(S):
- LEFT SIDE ELEVATION
- RIGHT SIDE ELEVATION

DRAWN BY:
CHECKED BY:
APPROVED BY:

SHEET NUMBER:
A-04
4



1 LONGITUDINAL SECTION
A-05 SCALE: 1:5m



2 TRANSVERSE SECTION
A-05 SCALE: 1:5m

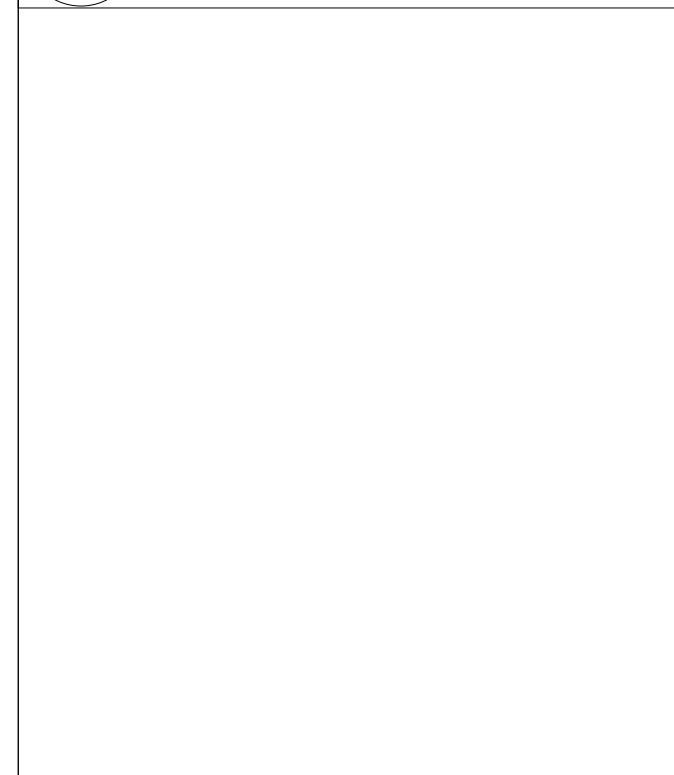
D1	D2	D3	D4	D5	D6
- GROCERY BACK DOOR - BACK-OF-THE-HOUSE - WOODEN DOOR - WOODEN DOOR FRAME - STANDARD DOOR KNOB - ONE (1) UNIT	- BACK-OF-THE-HOUSE - WOODEN DOOR - WOODEN DOOR FRAME - STANDARD DOOR KNOB - ONE (1) UNIT	- WATER STATION - MAIN DOOR - 35mm GLASS PANELS - STEEL DOOR FRAME - ONE (1) UNIT	- WATER STATION - BACK DOOR - WOODEN DOOR - WOODEN DOOR FRAME - STANDARD DOOR KNOB - ONE (1) UNIT	- OFFICE/ROOM DOOR - WOODEN DOOR - WOODEN DOOR FRAME - STANDARD DOOR KNOB - 35mm GLASS PANEL - ONE (1) UNIT	- TOILET DOOR - PVC DOOR AND FRAME - STANDARD DOOR KNOB - ONE (1) UNIT


3 SCHEDULE OF DOORS
A-05 SCALE: 1:2.5m

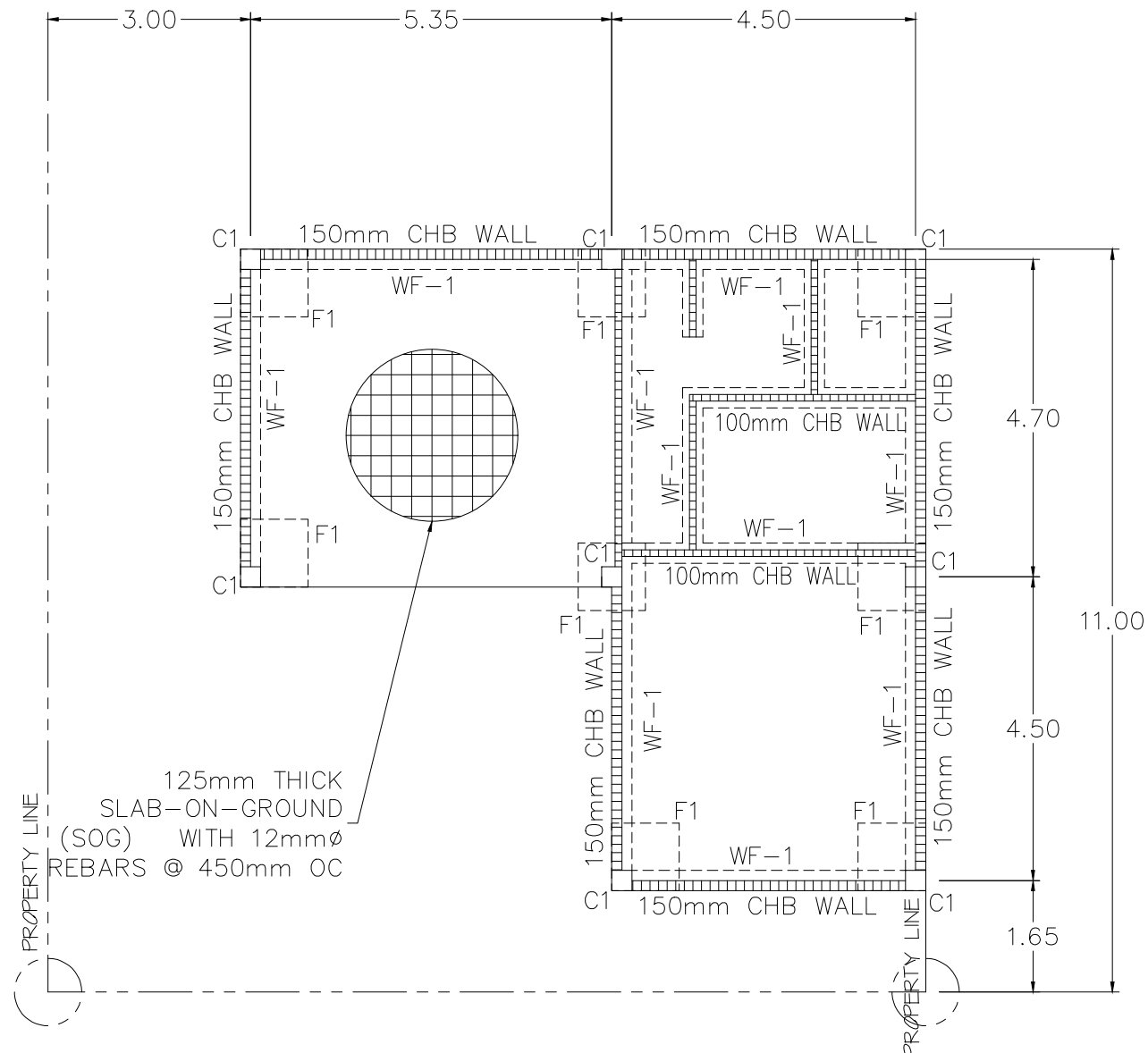
W1	W2	W3
- WATER REFILLING STATION CUSTOMER RECEIVING WINDOW - FOUR-PANEL GLASS SLIDING WINDOW - STEEL FRAME - ONE (1) UNIT	- WATER REFILLING STATION VIEWING WINDOW - THREE-PANEL GLASS SLIDING WINDOW - TWO SLIDING, ONE FIXED - STEEL FRAME - ONE (1) UNIT	- GROCERY VIEWING WINDOW - FIXED GLASS WINDOW - STEEL FRAME - THREE (3) UNIT

4 SCHEDULE OF DOORS
A-05 SCALE: 1:2.5m

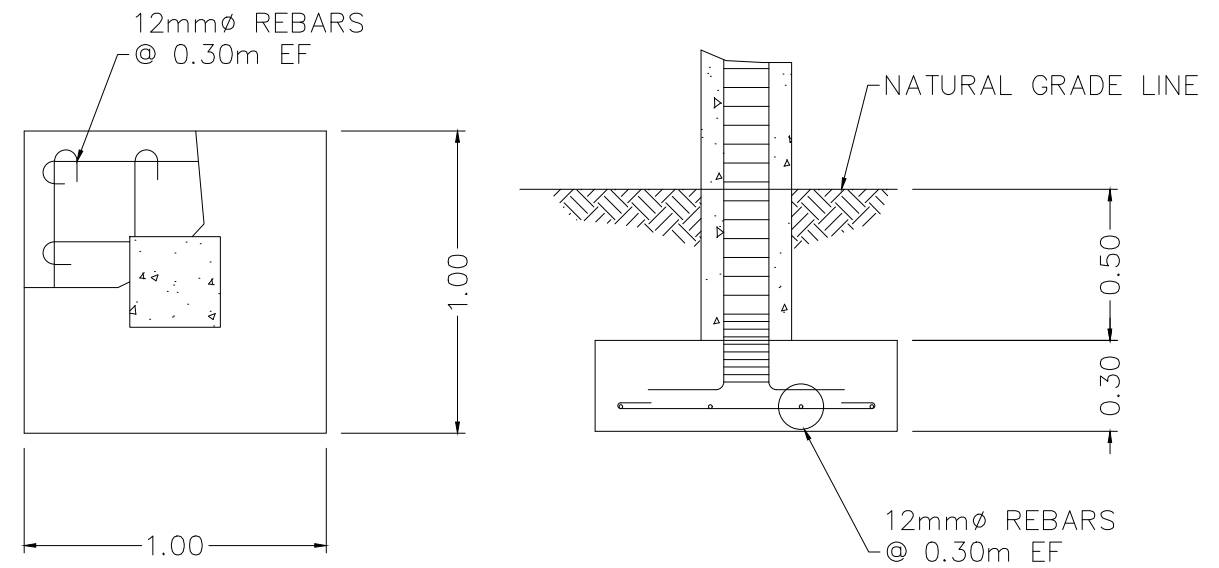
 ADDRESS: 17E HUBILLA STREET, SAN JUAN CITY TEL. NO.: +632 7751-8299 EMAIL: cjemoralejo@gmail.com	DESIGNER:	PROJECT NAME/LOCATION:	OWNER:	SHEET CONTENT(S):	DRAWN BY:	SHEET NUMBER:
	JOVEN E. MORALEJO CIVIL ENGINEER	PROPOSED WATER REFILLING STATION AND GROCERY	MR. ALDRIN E ENTAC	- LEFT SIDE ELEVATION - RIGHT SIDE ELEVATION - SCHEDULE OF DOORS - SCHEDULE OF WINDOWS		
	PRC:				CHECKED BY:	
	TIN:	ISSUED:	SORSOGON CITY, PROVINCE OF SORSOGON		APPROVED BY:	



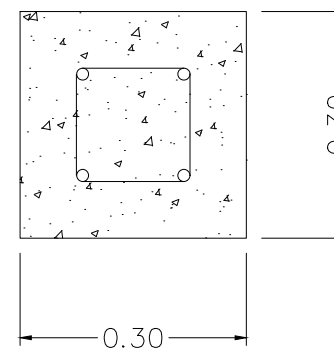
 <p>ADDRESS: 17E HUBILLA STREET, SAN JUAN CITY TEL. NO.: +632 7751-8299 EMAIL: cjemoralejo@gmail.com</p>	DESIGNER:		PROJECT NAME/LOCATION:		OWNER:	SHEET CONTENT(S):		DRAWN BY:		<div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> A-06 6 </div> </div>
	JOVEN E. MORALEJO CIVIL ENGINEER		PROPOSED WATER REFILLING STATION AND GROCERY		MR. ALDRIN E ENTAC	- SCHEDULE OF WINDOWS (CONTINUED) - ROOF DECK PLAN		CHECKED BY:		
	PRC:	PTR:	SORSOGON CITY, PROVINCE OF SORSOGON					APPROVED BY:		
TIN:		ISSUED:								



1 FOUNDATION PLAN
S-01 SCALE: 1:5m



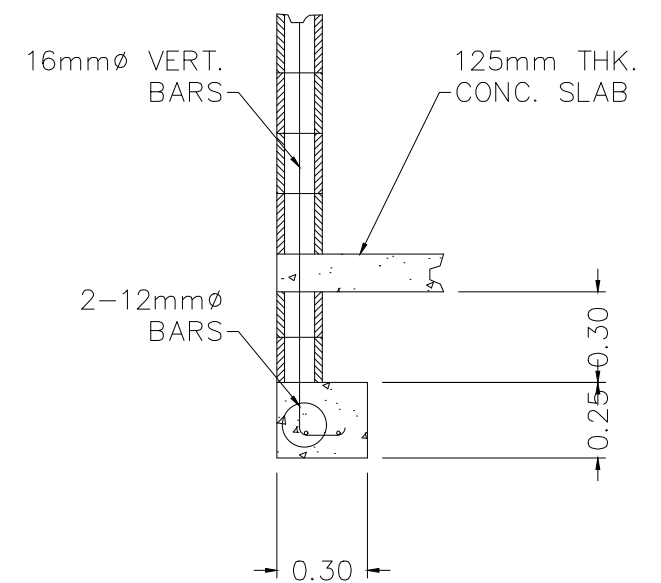
2 FOOTING DETAILS
S-01 SCALE: 1:1.25m



NOTES:

1. FROM FOOTING TO ROOF DECK LEVEL
2. STEEL - 4-16mmØ
3. TIES: 5-10mmØ @ 0.10, 5-10mmØ @ 0.25m, REST @ 0.40m

3 COLUMN DETAILS
S-01 SCALE: 1:5m



4 WALL FOOTING DETAILS
S-01 SCALE: 1:1.25m



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CIVIL ENGINEER
PRC: PTR:
TIN: ISSUED:

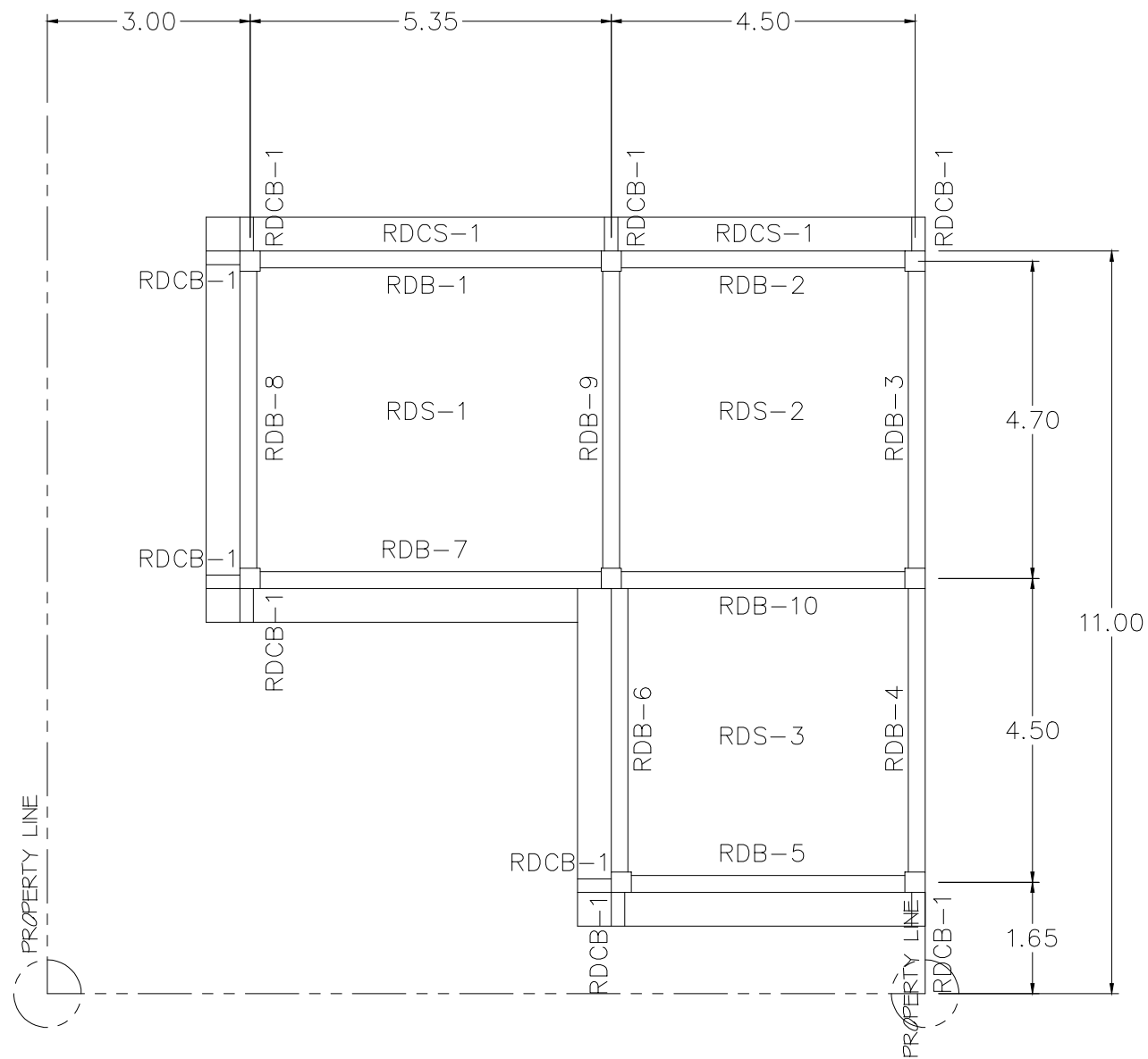
PROJECT NAME/LOCATION:
PROPOSED WATER REFILLING STATION
AND GROCERY
SORSOGON CITY, PROVINCE OF SORSOGON

OWNER:
MR. ALDRIN E ENTAC

SHEET CONTENT(S):
- ROOF DECK STRUCTURAL PLAN
- SCHEDULE OF BEAMS
- SCHEDULE OF SLAB
- BEAM DETAILS
- SLAB DETAILS

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CHECKED BY:
APPROVED BY:

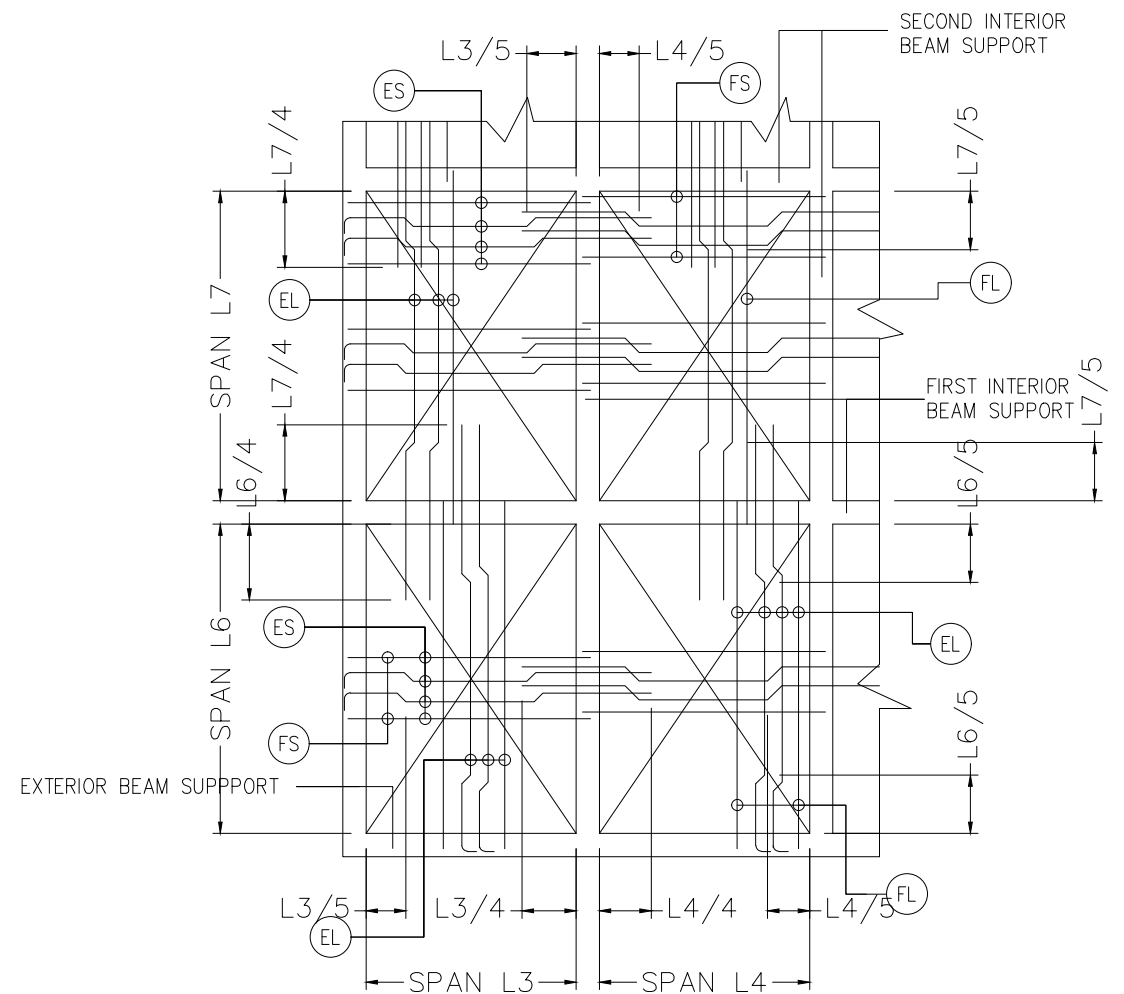
SHEET NUMBER:
S-02
8



1
S-02

ROOF DECK FRAMING PLAN

SCALE: 1:5m



2
S-01

TWO-WAY SLAB DETAILS

SCALE: NOT-TO-SCALE

SLAB	THICKNESS (mm)	TYPE	REINFORCEMENT		
			ALONG SHORT AND LONG SPANS		
			TOP BARS AT EXTERIOR SUPPORT	BOTTOM BARS	TOP BARS AT INTERIOR SUPPORT
ROOF DECK SLAB (RDS)					
RDS-1	125	TWO-WAY	12mmØ @ 0.20	12mmØ @ 0.20	12mmØ @ 0.20
RDS-2	125	TWO-WAY	12mmØ @ 0.20	12mmØ @ 0.20	12mmØ @ 0.20
RDS-3	125	TWO-WAY	12mmØ @ 0.20	12mmØ @ 0.20	12mmØ @ 0.20



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CIVIL ENGINEER

PRC: PTR:
TIN: ISSUED:

PROJECT NAME/LOCATION:
PROPOSED WATER REFILLING STATION
AND GROCERY

SORSOGON CITY, PROVINCE OF SORSOGON

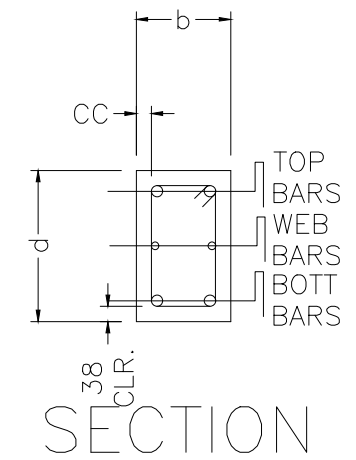
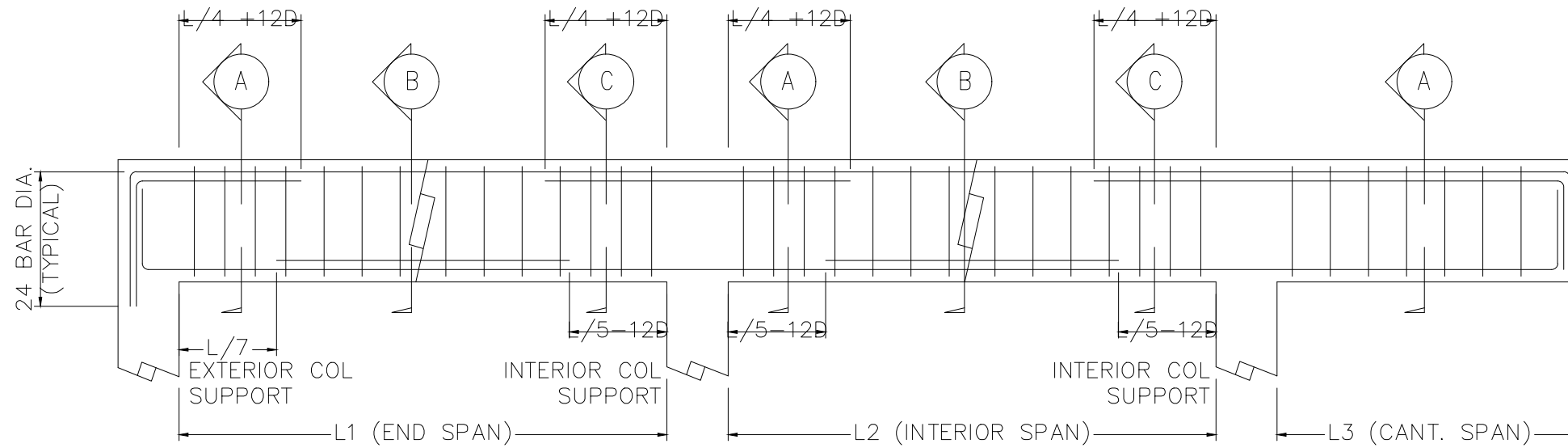
OWNER:
MR. ALDRIN E ENTAC

SHEET CONTENT(S):
- ROOF DECK FRAMING PLAN
- TWO-WAY SLAB DETAILS
- SCHEDULE OF SLAB

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CHECKED BY:
APPROVED BY:

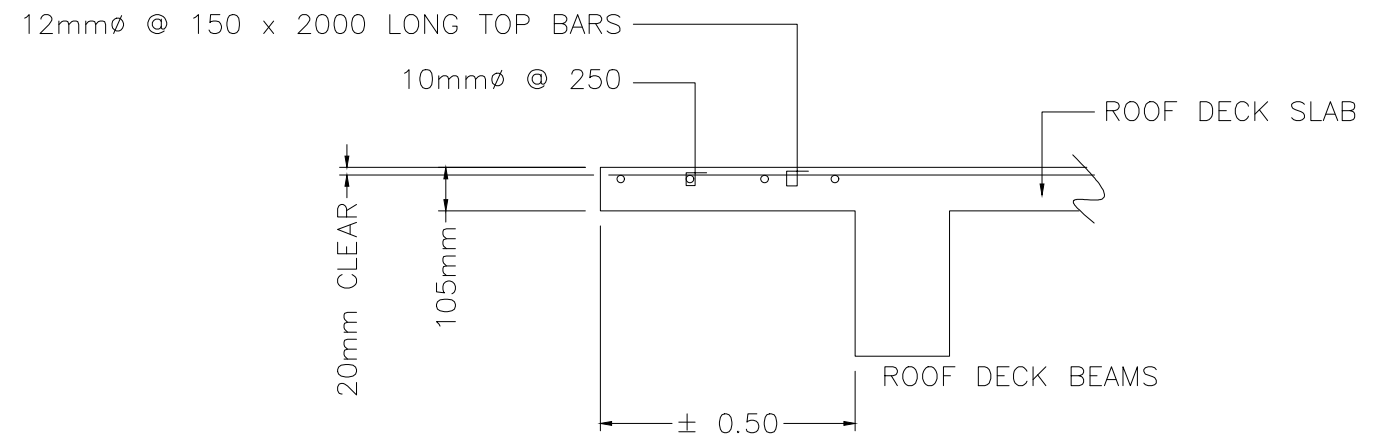
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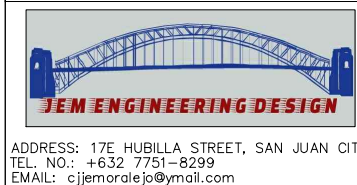


1 TYPICAL BEAM DETAILS
S-03 SCALE: NOT-TO-SCALE

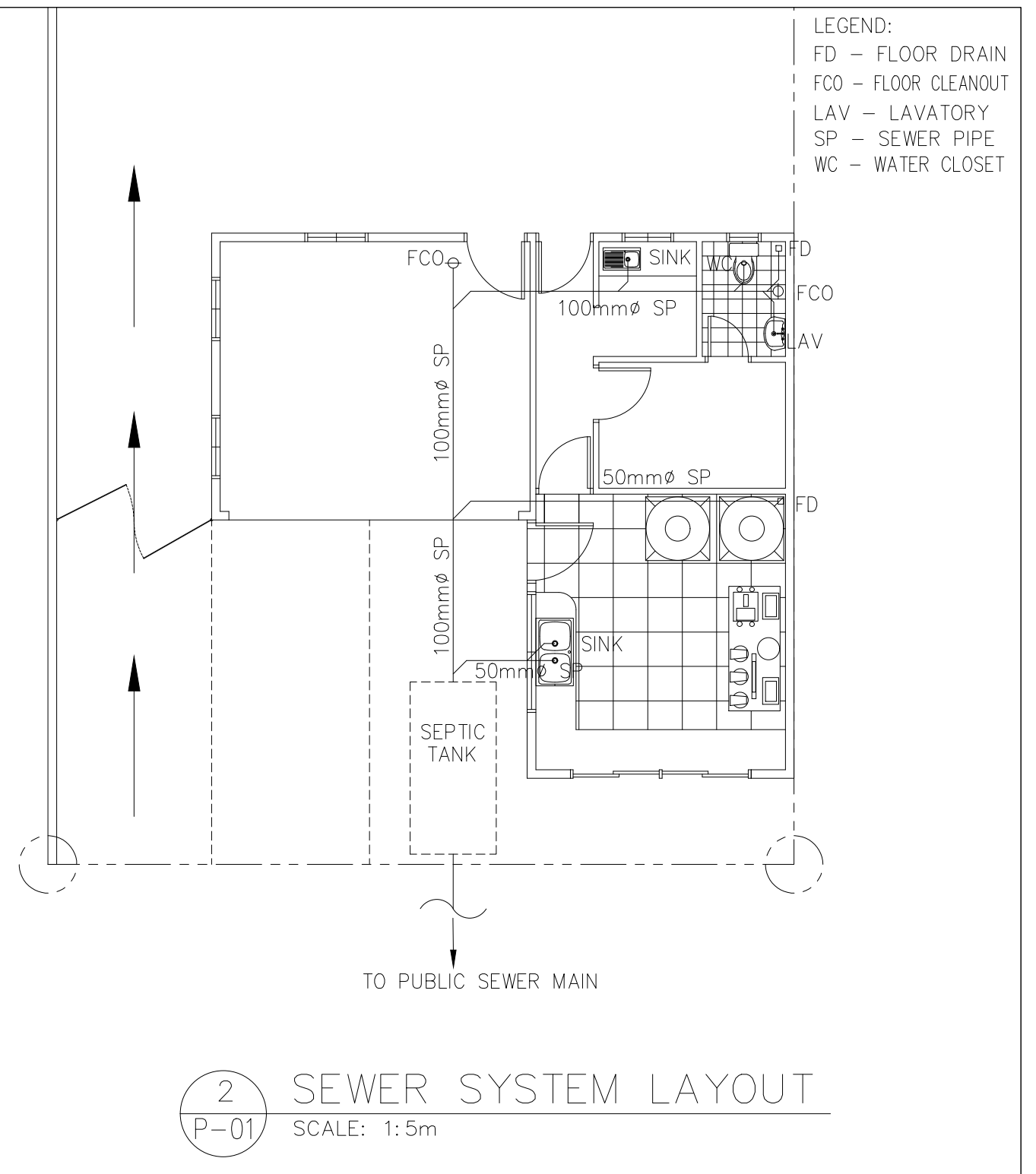
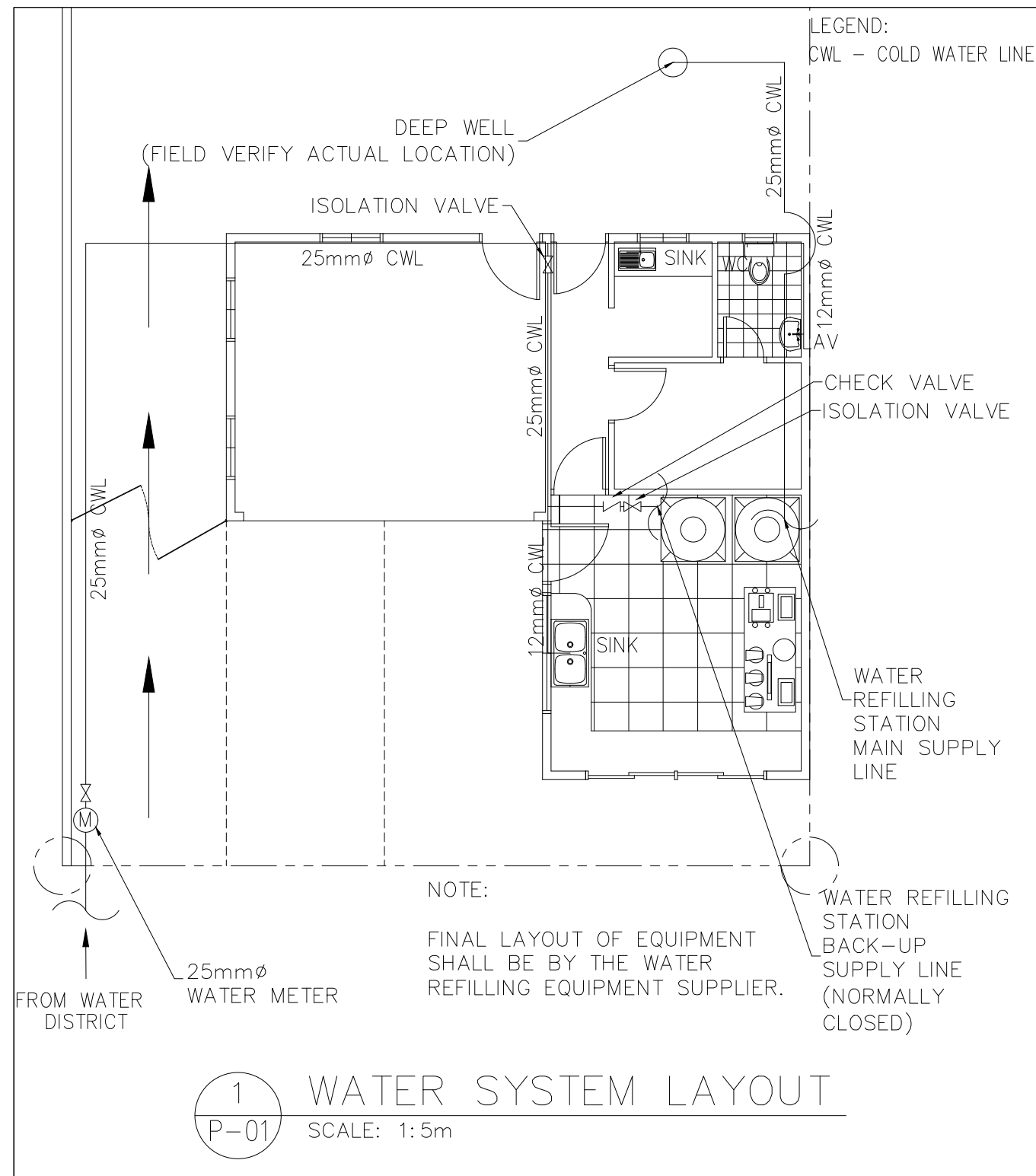
SCHEDULE OF BEAMS					
BEAM NO.	DIMENSIONS (mm)		REINFORCEMENT		STIRRUPS
	DEPTH	WIDTH	AT SUPPORTS	AT MIDSPAN	
RDB-1	400	250	2-16mmØ	2-16mmØ	A
RDB-2	400	250	2-16mmØ	2-16mmØ	A
RDB-3	400	250	2-16mmØ	2-16mmØ	A
RDB-4	400	250	2-16mmØ	2-16mmØ	A
RDB-5	400	250	2-16mmØ	2-16mmØ	A
RDB-6	400	250	2-16mmØ	2-16mmØ	A
RDB-7	400	250	2-16mmØ	2-16mmØ	A
RDB-8	400	250	2-16mmØ	2-16mmØ	A
RDB-9	400	250	3-16mmØ	3-16mmØ	A
RDB-10	400	250	2-16mmØ	2-16mmØ	A
STIRRUPS: A - 5-10mmØ @ 0.10m OC, 5-10mmØ @ 0.20m OC, REST @ 0.30m OC					




2 CANTILEVER SLAB DETAILS
S-03 SCALE: NOT-TO-SCALE

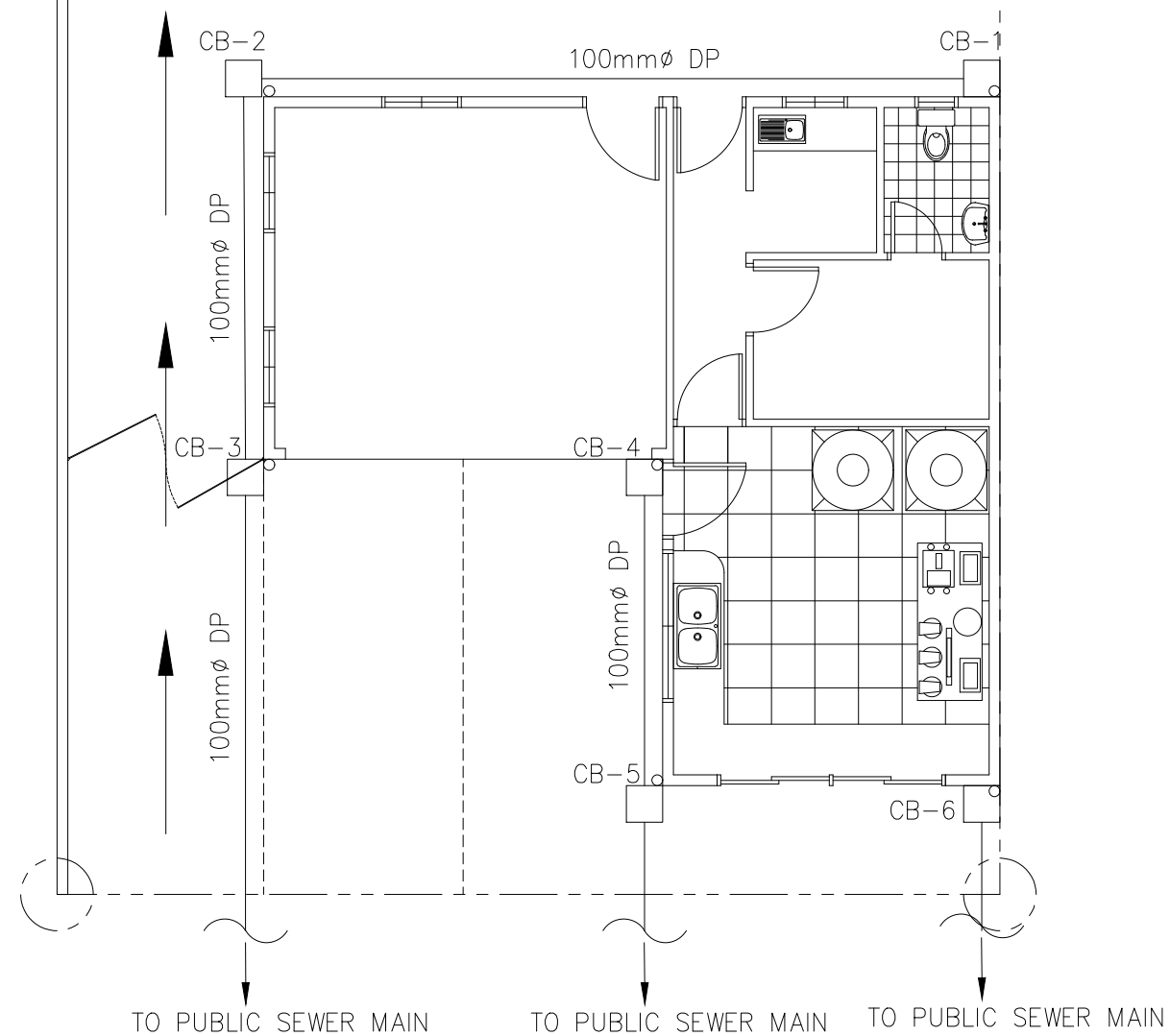


DESIGNER:	PROJECT NAME/LOCATION:	OWNER:	SHEET CONTENT(S):	DRAWN BY:	SHEET NUMBER:
JOVEN E. MORALEJO CIVIL ENGINEER	PROPOSED WATER REFILLING STATION AND GROCERY	MR. ALDRIN E ENTAC	- TYPICAL BEAM DETAILS - CANTILEVER SLAB DETAILS - SCHEDULE OF BEAMS	CHECKED BY:	S-03 9
PRC:	TIN:			APPROVED BY:	
	ISSUED:	SORSOGON CITY, PROVINCE OF SORSOGON			



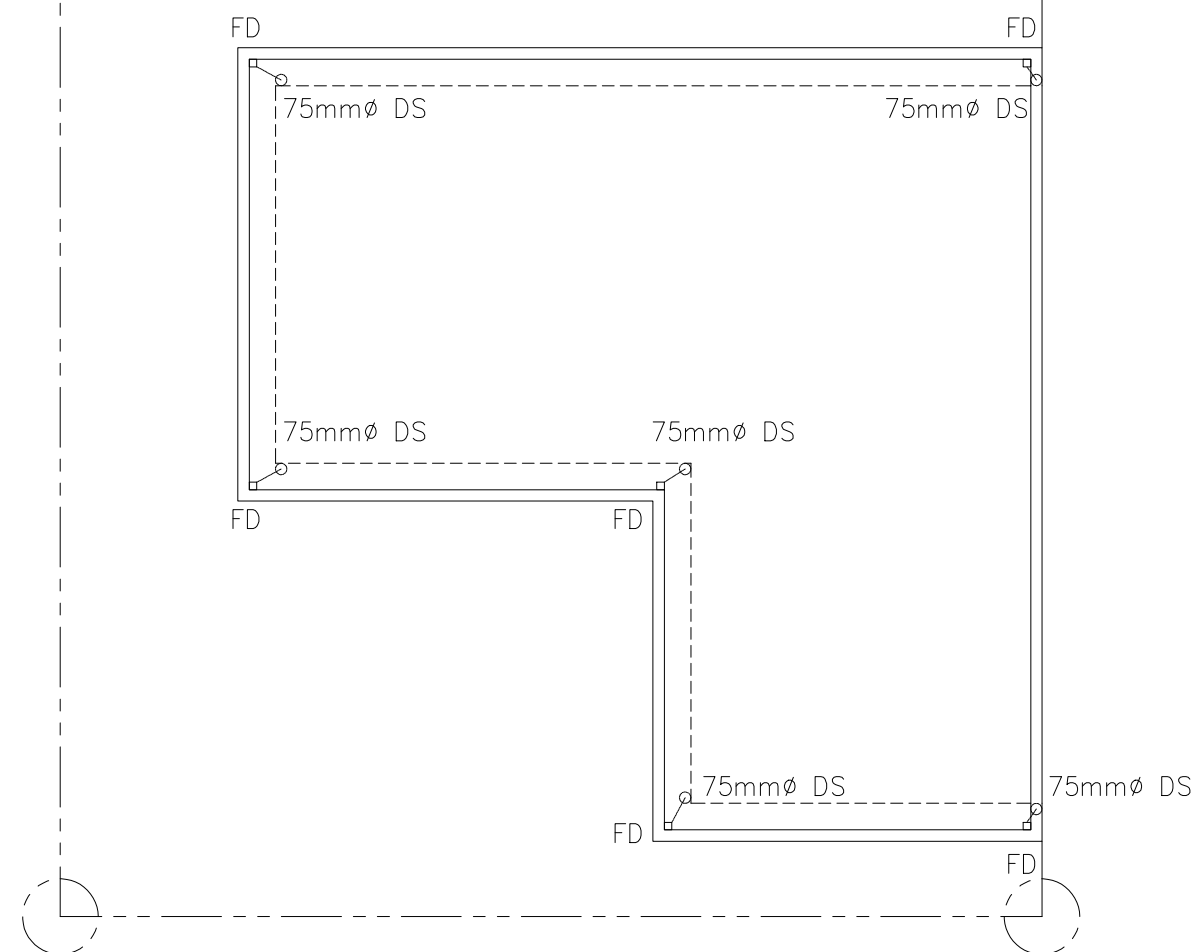
 <p>ADDRESS: 17E HUBILLA STREET, SAN JUAN CITY TEL. NO.: +632 7751-8299 EMAIL: cjemoralejo@gmail.com</p>	DESIGNER:	PROJECT NAME/LOCATION: PROPOSED WATER REFILLING STATION AND GROCERY SORSOGON CITY, PROVINCE OF SORSOGON	OWNER:	SHEET CONTENT(S): - WATER SYSTEM LAYOUT - SEWER SYSTEM LAYOUT	DRAWN BY:	SHEET NUMBER: <div>P-01 10</div>
	JOVEN E. MORALEJO MASTER PLUMBER		MR. ALDRIN E ENTAC		CHECKED BY:	
	PRC:				APPROVED BY:	
	TIN:					

LEGEND:
CB - CATCH BASIN
DP - DRAINAGE PIPE

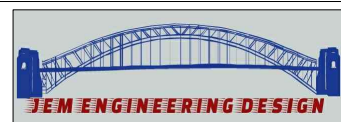


1 GROUND FLOOR DRAINAGE LAYOUT
P-02 SCALE: 1:5m

LEGEND:
DS - DOWNSPOUT
FD - FLOOR DRAIN



2 ROOF DECK DRAINAGE LAYOUT
P-02 SCALE: 1:5m



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MASTER PLUMBER
PRC: PTR:
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PROPOSED WATER REFILLING STATION
AND GROCERY
SORSOGON CITY, PROVINCE OF SORSOGON

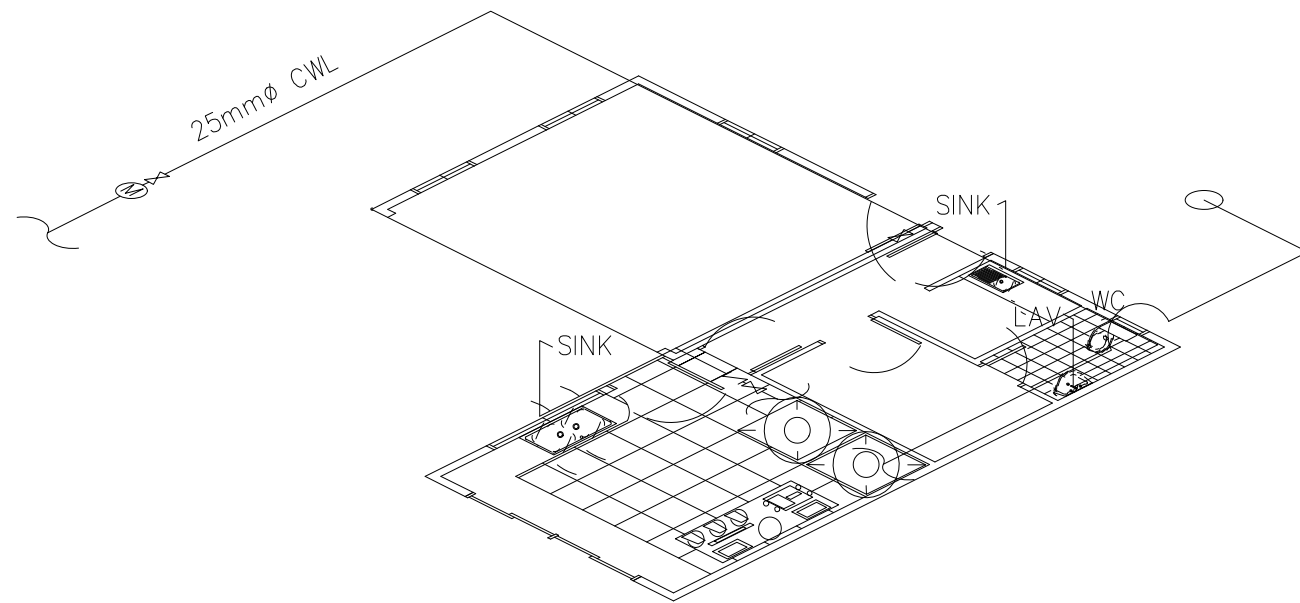
OWNER:
MR. ALDRIN E ENTAC

SHEET CONTENT(S):
- GROUND FLOOR DRAINAGE LAYOUT
- ROOF DECK DRAINAGE LAYOUT

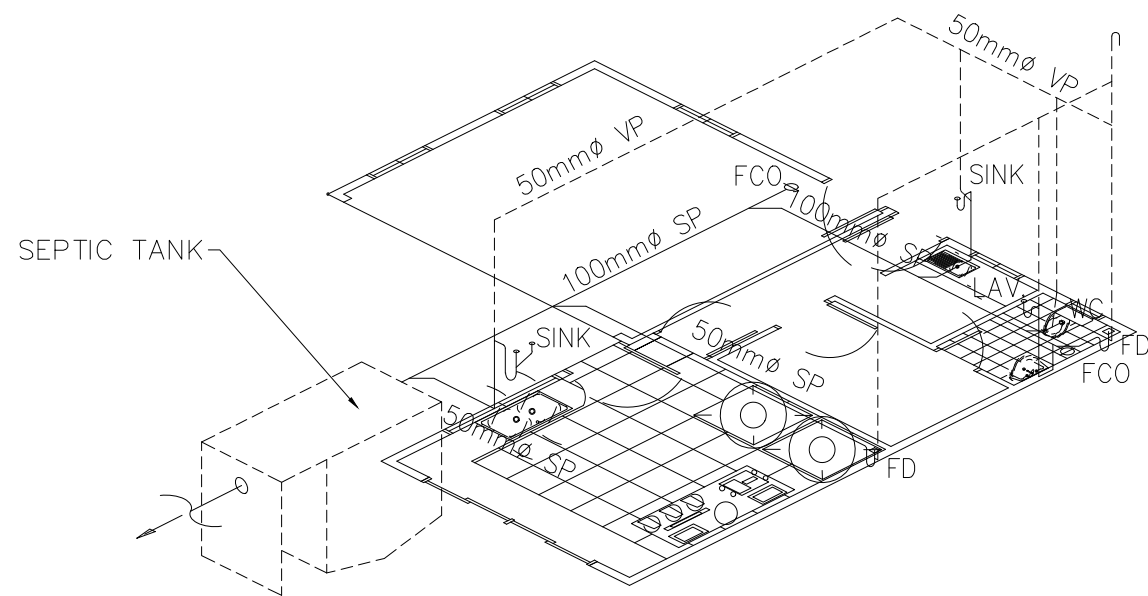
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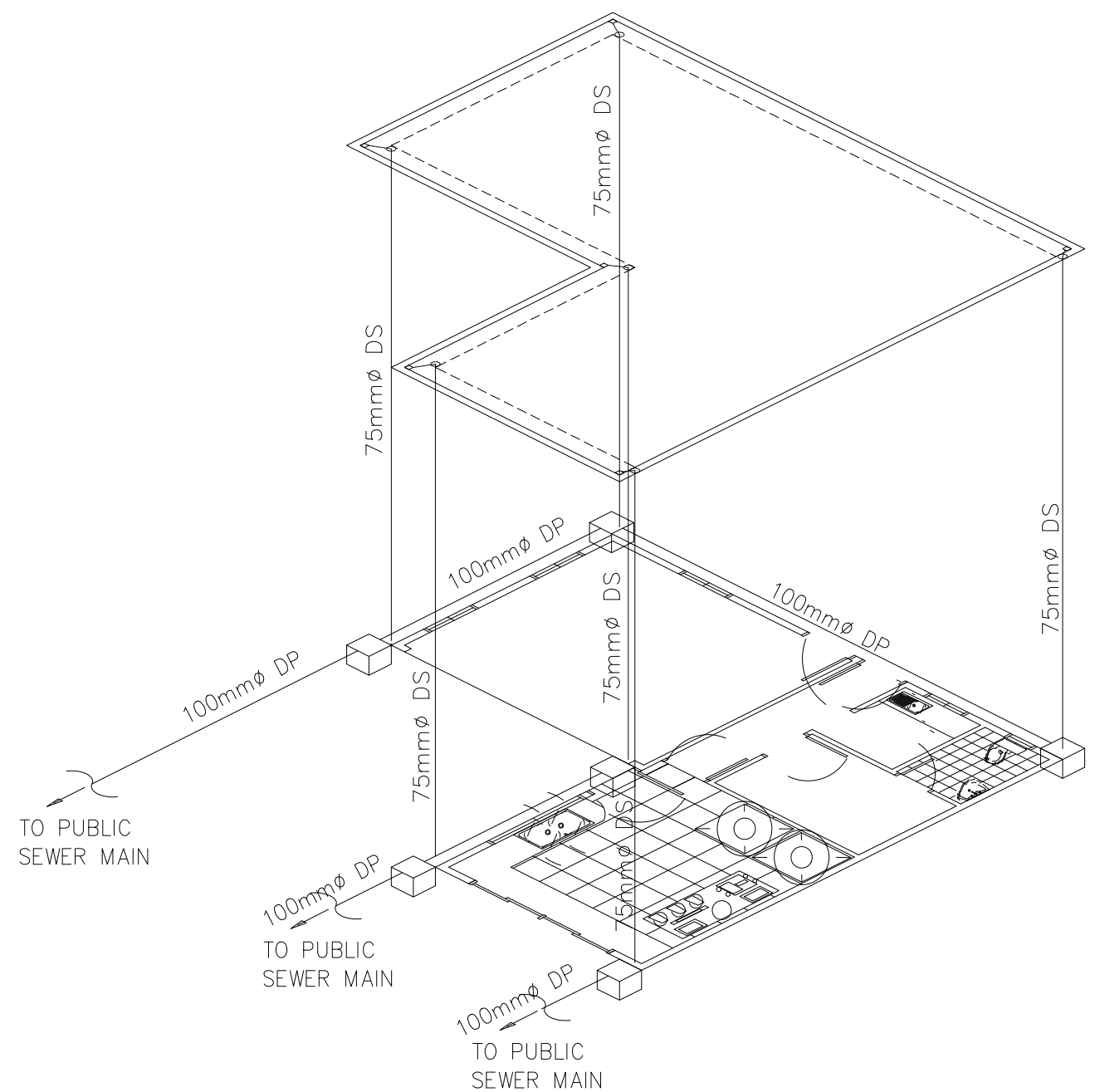
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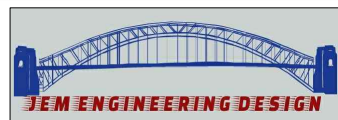
1 WATER SYSTEM ISOMETRIC DIAGRAM
P-03 SCALE: NOT-TO-SCALE



2 SEWER SYSTEM ISOMETRIC DIAGRAM
P-03 SCALE: NOT-TO-SCALE



3 STORM DRAINAGE ISOMETRIC DIAGRAM
P-03 SCALE: NOT-TO-SCALE



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EMAIL: cijemoralejo@gmail.com

DESIGNER:
JOVEN E. MORALEJO
MASTER PLUMBER
PRC: PTR:
TIN: ISSUED:

PROJECT NAME/LOCATION:
PROPOSED WATER REFILLING STATION
AND GROCERY
SORSOGON CITY, PROVINCE OF SORSOGON

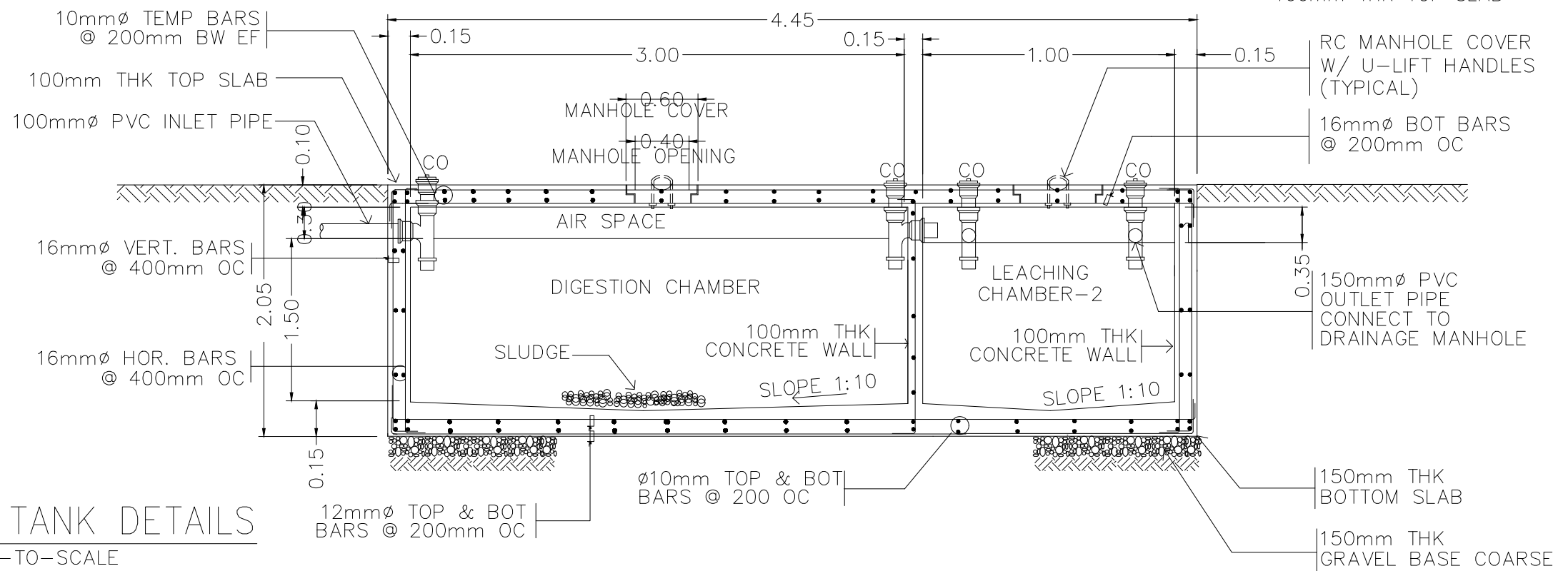
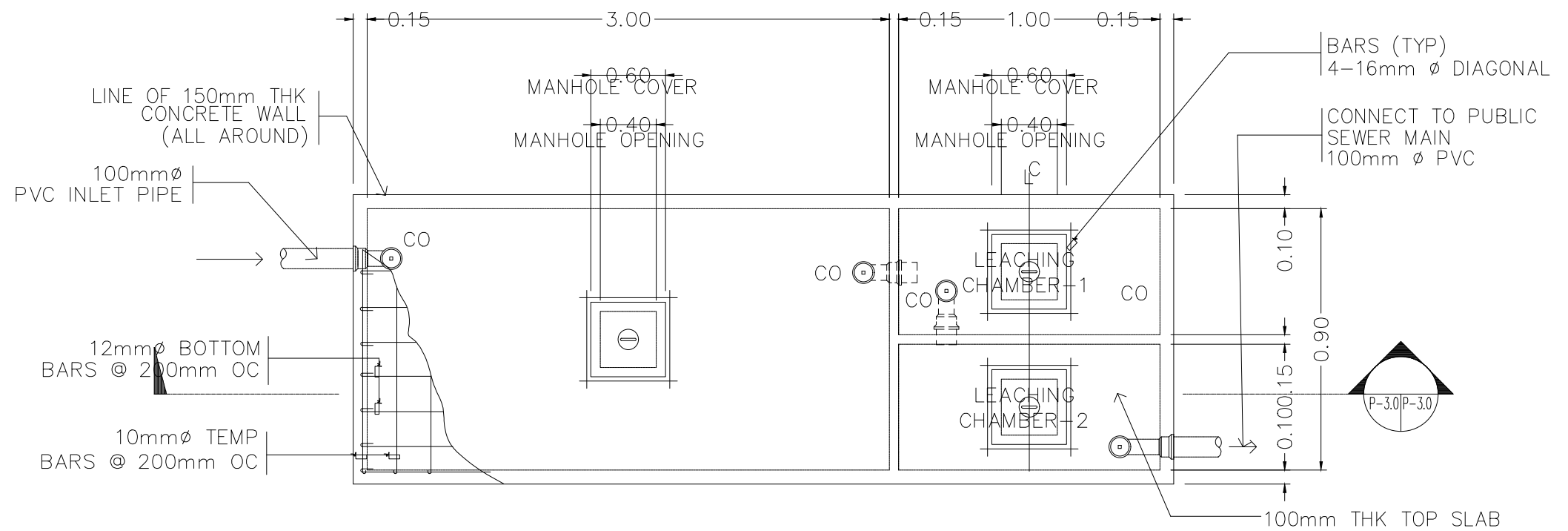
OWNER:
MR. ALDRIN E ENTAC

SHEET CONTENT(S):
- WATER SYSTEM ISOMETRIC DIAGRAM
- SEWER SYSTEM ISOMETRIC DIAGRAM
- STORM DRAINAGE ISOMETRIC DIAGRAM

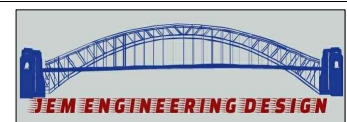
DRAWN BY:
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APPROVED BY:

SHEET NUMBER:

P-03
12



1 SEPTIC TANK DETAILS
P-04 SCALE: NOT-TO-SCALE



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DESIGNER:	PROJECT NAME/LOCATION:	OWNER:	SHEET CONTENT(S):	DRAWN BY:	SHEET NUMBER:
JOVEN E. MORALEJO MASTER PLUMBER	PROPOSED WATER REFILLING STATION AND GROCERY	MR. ALDRIN E ENTAC	= SEPTIC TANK DETAILS	CHECKED BY:	P-04
PRC:	ISSUED:			APPROVED BY:	13
	SORSOGON CITY, PROVINCE OF SORSOGON				

GENERAL NOTES

- 1.0 ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED IN ACCORDANCE WITH THE PROVISIONS OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES, THE NATIONAL PLUMBING CODE AND THE RULES REGULATIONS OF THE LOCAL MUNICIPALITY.
- 2.0 COORDINATE THE DRAWINGS WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE ENGINEER AND/OR THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND HEREIN.
- 3.0 ALL PIPES SHALL BE INSTALLED AS INDICATED, ANY RELOCATION REQUIRED FOR PROPER EXECUTION OF THE PLUMBING WORK SHALL BE WITH PRIOR APPROVAL OF THE ENGINEER AND/OR THE ARCHITECT.
- 4.0 PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATIONS OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
- 5.0 ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL BE AT A MINIMUM OF TWO PERCENT (2%) UNLESS OTHERWISE SPECIFIED.
- 6.0 WATER SUPPLY PIPE TO FIXTURE SHALL BE SIZED IN ACCORDANCE WITH THE RECOMMENDATION OF THE MANUFACTURER.
- 7.0 ALL BRANCHES OF FIXTURE OR GROUP OF FIXTURES SHALL BE PROVIDED WITH AIR CHAMBER MADE OF CAPPED VERTICAL EXTENSION PIPE.
- 8.0 ALL WATER LINES SHALL BE HYDROSTATICALLY TESTED AT 100 PSI FOR A PERIOD OF TWO (2) HOURS BEFORE BURYING OR COVERING. GALVANIZED IRON (GI) PIPES DIRECTLY IN CONTACT WITH THE SOIL SHALL BE PROVIDED WITH TWO COATS OF MELTED ASPHALT AND WRAPPED WITH JUTE CLOTH SOAKED IN MELTED ASPHALT.
- 9.0 THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT THE SITE AND COORDINATE THE WORK WITH THE SEWER AND STORM DRAINAGE LINE DISCHARGE POINT(S) AND WATER LINE SERVICE CONNECTION TAPPING POINT.
- 10.0 ALL PIPE SIZES AND OTHER DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE SPECIFIED AND ARE INDICATIVE OF INSIDE DIAMETER.

MATERIAL SPEFICATIONS

- 1.0 SEWER, VENT AND DOWNSPOUT
PVC PIPE, SERIES 600 AND CLASS 35
BY ATLANTA, EMERALD, NELTEX OR MOLDEX
- 2.0 COLD WATER LINES
A. SUPPLY TO WATER REFILLING STATION:
CROSS LINKED POLYETHYLENE (PEX)
- B. FROM WATER DISTRICT:
PVC PIPE, SERIES 600 AND CLASS 35
BY ATLANTA, EMERALD, NELTEX OR MOLDEX
- 3.0 GATE VALVE
CLASS 125 BY NIBCO, KITZ
- 4.0 FLOOR DRAINS
JFD103 BY JAMAN OR JPI
- 5.0 WATER METER
ARADS OR B-METER, ACTARIS

LEGEND

SS	SOIL STACK
VS	VENT STACK
DD	DECK DRAIN
VAC	VENT ABOVE CEILING
VSTE	VENT STACK THROUGH EAVES
VUS	VENT UNDER SLAB
CWR	COLD WATER LINE RISER
FD	FLOOR DRAIN
AD	AREA DRAIN
FCO	FLOOR CLEANOUT
SHO	SHOWER
WC	WATER CLOSET
LAV	LAVATORY
GV	GATE VALVE
HB	HOSE BIBB



ADDRESS: 17E HUBILLA STREET, SAN JUAN CITY
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EMAIL: cjemoralejo@gmail.com

DESIGNER:	
JOVEN E. MORALEJO MASTER PLUMBER	
PRC:	PTR:
TIN:	ISSUED:

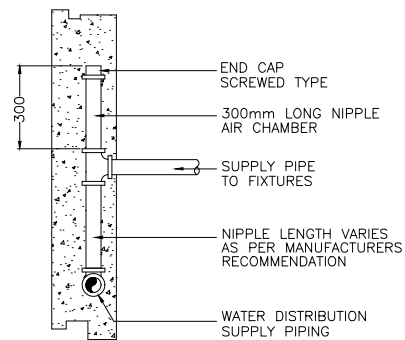
PROJECT NAME/LOCATION:
PROPOSED WATER REFILLING STATION AND GROCERY
SORSOGON CITY, PROVINCE OF SORSOGON

OWNER:
MR. ALDRIN E ENTAC

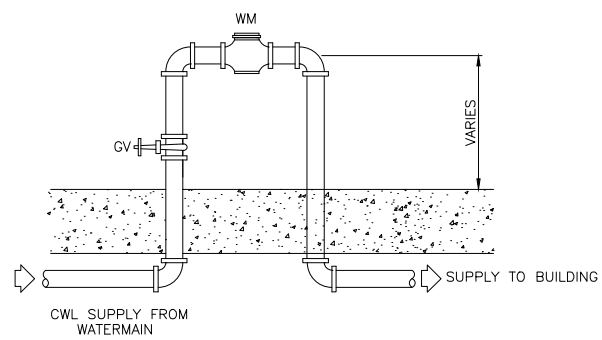
SHEET CONTENT(S):
- PLUMBING GENERAL NOTES

DRAWN BY:
CHECKED BY:
APPROVED BY:

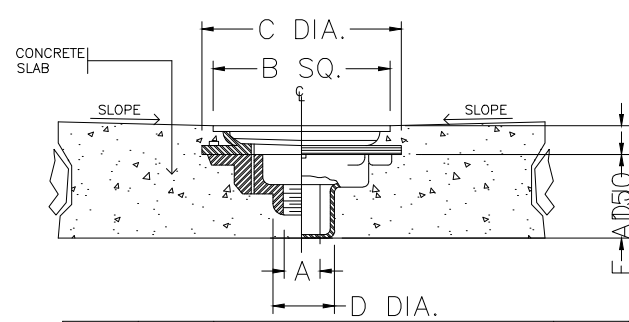
SHEET NUMBER:
P-05 14



DETAIL OF AIR CAPPED CHAMBER

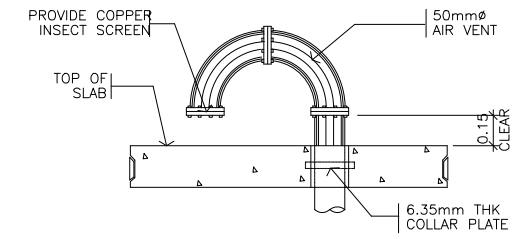


INSTALLATION DETAIL OF WATER METER

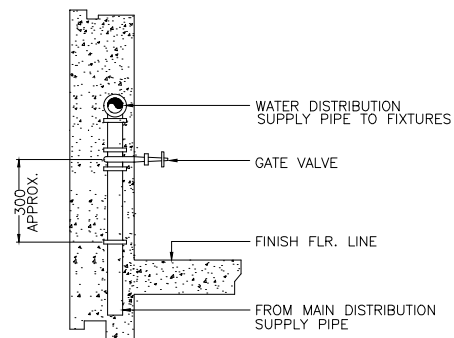


PIPE SIZE IN. A.	APP. WT. LBS.	DIMENSIONS IN INCHES				OPEN AREA SQ. IN.
		B	C	D	E	
3	67	14	15	11 3/4	1 1/2	48
4	67	14	15	11 3/4	1 1/2	48

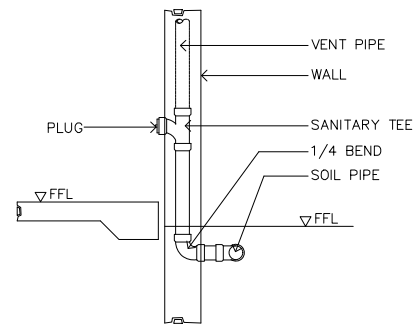
ROOF DECK FLOOR DRAIN



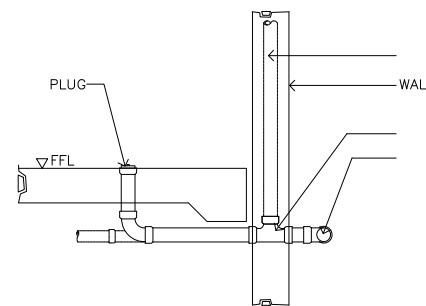
VENT THRU DECK DETAILS



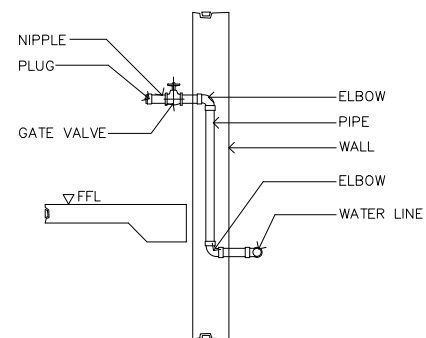
INSTALLATION DETAIL OF CONTROL VALVE TO FIXTURE



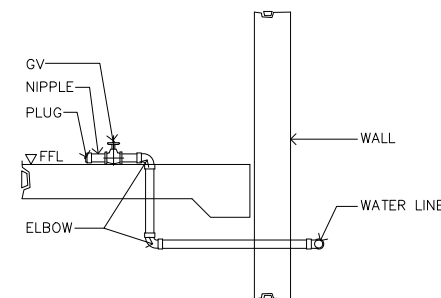
SEWER WALL STUB-OUT



SEWER FLOOR STUB-OUT

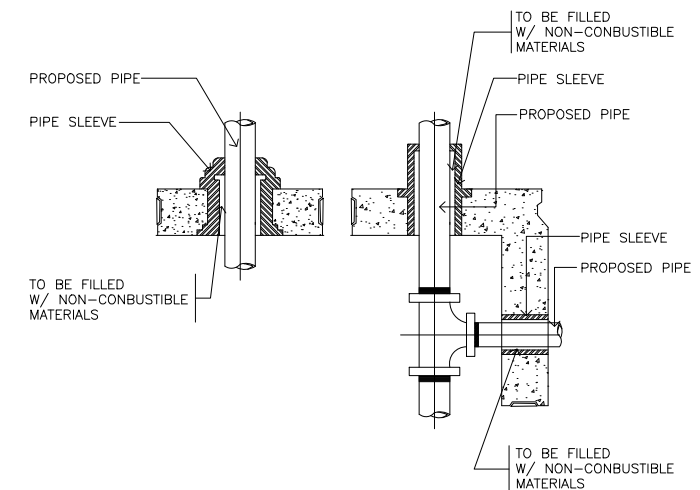


WATER WALL STUB-OUT

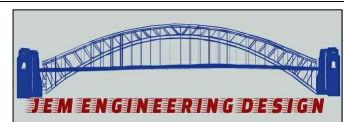


WATER FLOOR STUB-OUT

STUB OUT DETAILS



PIPE SLEEVE DETAILS



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EMAIL: cjemoralejo@gmail.com

DESIGNER:	PROJECT NAME/LOCATION:	OWNER:	SHEET CONTENT(S):	DRAWN BY:	SHEET NUMBER:
JOVEN E. MORALEJO MASTER PLUMBER	PROPOSED WATER REFILLING STATION AND GROCERY	MR. ALDRIN E ENTAC	– PLUMBING MISCELLANEOUS DETAILS	CHECKED BY:	P-06
PRC:	ISSUED:			APPROVED BY:	15
TIN:	SORSOGON CITY, PROVINCE OF SORSOGON				

GENERAL NOTES:

1. ALL ELECTRICAL INSTALLATION WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS, THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY, AND THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY. THE ELECTRICAL WORKS SHALL BE UNDER THE IMMEDIATE SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
2. THE UTILIZATION VOLTAGE SHALL BE 1-PHASE, 2-WIRE WITH GROUND, 240 VOLTS, 60 HERTZ.
3. THE ELECTRICAL WIRING INSTALLATION SHALL BE DONE IN POLYVINYL CHLORIDE CONDUIT (PVC). EXCEPT, INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED FOR SERVICE ENTRANCE AND OTHER EXPOSED INSTALLATION. FLEXIBLE METALLIC CONDUITS SHALL ALSO BE USED WHERE REQUIRED. MINIMUM SIZE FOR ALL CONDUITS SHALL BE 20mm INSIDE DIAMETER ELECTRICAL TRADE SIZE AND MINIMUM SIZE OF PULLBOX TO BE USED SHALL BE 150x150x100mm.
4. ALL WIRES FOR INDOOR INSTALLATION SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE THHN/ THWN UNLESS OTHERWISE INDICATED. THE MINIMUM SIZE FOR POWER AND LIGHTING SHALL BE 3.5mm².
5. THE CONTRACTOR SHALL VERIFY AND ORIENT THE ACTUAL LOCATION OF INCOMING POWER FOR CONNECTION.
6. ALL SERVICE ENTRANCE EQUIPMENT, SWITCHES, PANELBOARDS, LIGHTING FIXTURES AND ALL NON-CURRENT CARRYING METAL PARTS SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE.
7. CONDUIT ROUTING SHOWN IS ESSENTIALLY DIAGRAMMATICAL. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF UTILITIES & OTHER TRADES.
8. ANY DISCREPANCY IN LOCATION AND RATINGS OF EQUIPMENT AND APPARATUS SHALL BE VERIFIED WITH THE ENGINEER/OWNER OR ANY OF HIS REPRESENTATIVES AND CHANGES SHALL BE MADE ACCORDINGLY.
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13. PROVIDE PULL WIRES IN ALL SPARE DUCT AND EMPTY CONDUITS.
14. ALL CONDUITS AND RACEWAY PENETRATIONS THROUGH FIRE OR SMOKE RATED WALLS AND FLOORS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAME AND HOT GASSES WHEN SUBJECTED TO THE REQUIREMENTS OF THE TEST STANDARD SPECIFIC OF FIRE STOPS ASTM-E-814. PROVIDE A UL LISTED THROUGH PENETRATION FIRE STOP SYSTEM NUMBERED PER UL FIRE RESISTANCE DIRECTORY.
16. ALL ENGINEERING NOTES ARE FOR STRICTLY COMPLIANCE.

ABBREVIATIONS:

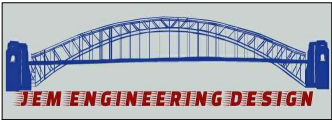
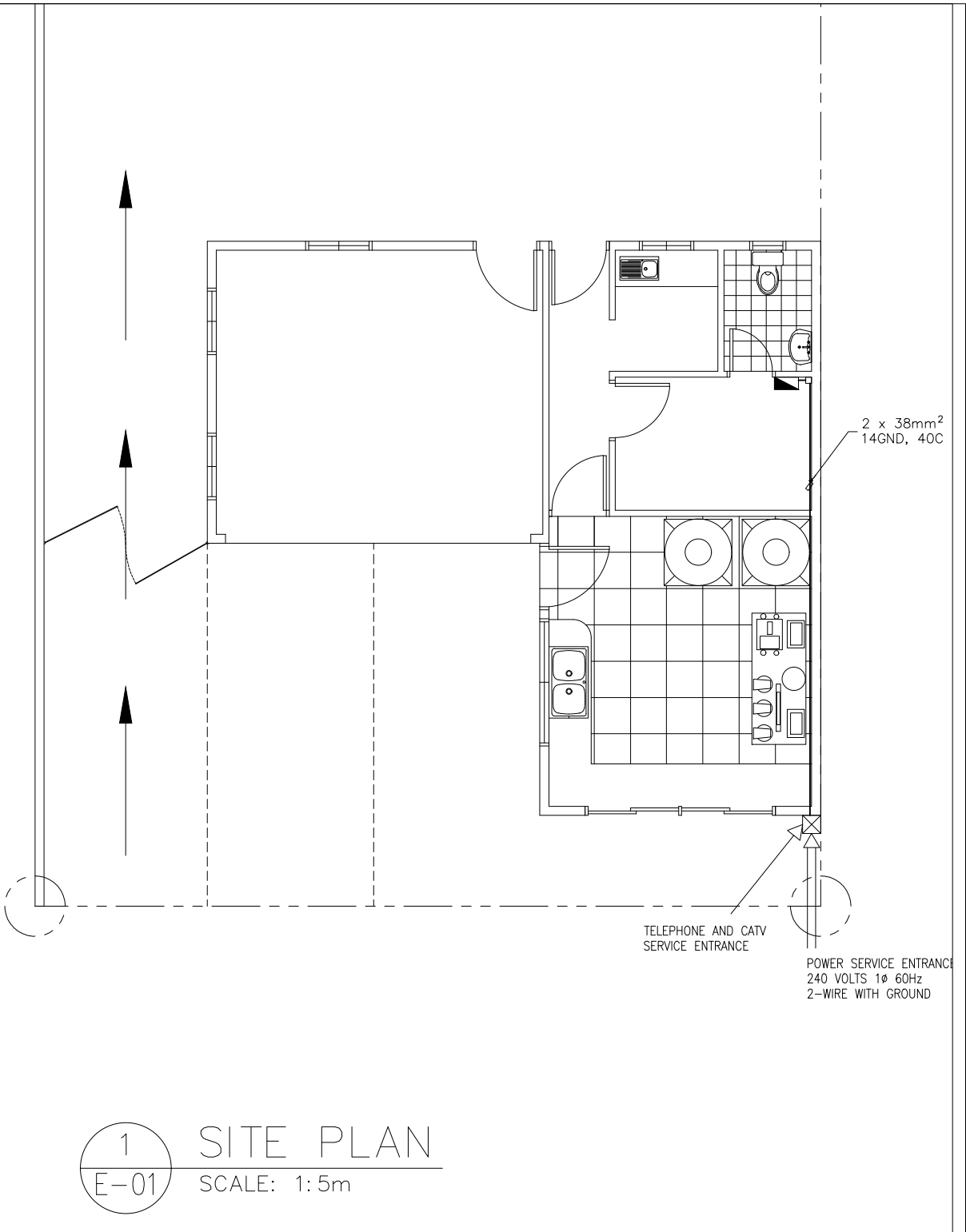
A/AMPAMPERE	mm	MILLIMETER
AC ALTERNATING CURRENT	MTD	MOUNTED
BCW BARE COPPER WIRE	MTG	MOUNTING
C CONDUIT	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
CATV COMMUNITY ANTENNA TELEVISION	P	POWER
CB CIRCUIT BREAKER	PNL	PANELBOARD
CKT CIRCUIT	PB	PULLBOX
CT CURRENT TRANSFORMER	PF	POWER FACTOR
DIA DIAMETER	PRI	PRIMARY
ECB ENCLOSED CIRCUIT BREAKER	PVC	POLYVINYL CHLORIDE
ENCL ENCLOSURE	S	SWITCH
GND or G GROUND	SEC	SECONDARY
HP HORSE POWER	TEL	TELEPHONE
HZ HERTZ	TV	TELEVISION
IMC INTERMEDIATE METAL CONDUIT	TYP	TYPICAL
J JUNCTION BOX	V	VOLT
KAIC KILO AMPERE INTERRUPTING CAPACITY	WACU	WINDOW-TYPE AIR CONDITION UNIT
KV KILOVOLT	WP	WEATHERPROOF
KW KILOWATT	W	WATT or WIRE
LTG LIGHTING		
M METER		
MIN MINIMUM		

LEGEND:

	2x36 WATTS FLUORESCENT LUMINAIRE. SMALL LETTER INDICATES CONTROLLING SWITCH.
	1x36 WATTS T5 FLUORESCENT, BARE BATTEN TYPE, SURFACE MOUNTED.
	LIGHTING RECEPACLE
	18 WATTS COMPACT FLUORESCENT SQUARE DOWNLIGHT.
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	DUPLEX RECEPACLE, 16A 250V, 3W GROUNDING TYPE, FLUSH-MOUNTED IN WALL. WP DENOTES WEATHERPROOF.
	-DITTO- EXCEPT MOUNTED ABOVE COUNTER
	REFRIGERATOR OUTLET
	ELECTRIC RANGE OUTLET
	WACU OUTLET
	PANELBOARD
	PULLBOX
	DOOR CHIME
	PUSH BUTTON
	TV OUTLET
	ENCLOSED CIRCUIT BREAKER, RATING AS INDICATED.
	CIRCUIT HOMERUN ARROW, INDICATED WITH PANEL NAME AND BRANCH CIRCUIT NUMBER.
	CONDUIT RUN, CONCEALED ABOVE REFERENCE FLOOR LINE
	-DITTO- EXCEPT CONCEALED BELOW REFERENCE FLOOR LINE
	EXTERIOR UNDERGROUND POWER CONDUIT RUN
	-DITTO- EXCEPT WITH OTHER SERVICES
	POWER SERVICE ENTRANCE
	TELEPHONE AND CATV SERVICE ENTRANCE

MOUNTING SCHEDULE

DEVICE ON PLAN	MOUNTING HEIGHT (mm)	REFERENCE POINT	
		FROM	TO
\$ OR \$ _a , \$ _{ab} , \$ _{abc} , \$ _{3W}	1400	FLOOR	CENTER
	300	FLOOR	CENTER
	1200	FLOOR	CENTER
	300	COUNTER	CENTER
	1800	FLOOR	TOP
	1800	FLOOR	TOP
	2200	FLOOR	CENTER
NOTE: UNLESS OTHERWISE SPECIAL MOUNTING HEIGHT ARE INDICATED ON PLANS			



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TEL. NO.: +632 7751-8299
EMAIL: cjemoralejo@gmail.com

DESIGNER:	
PRC:	PTR:
TIN:	ISSUED:

PROJECT NAME/LOCATION:	OWNER:
PROPOSED WATER REFILLING STATION AND GROCERY	MR. ALDRIN E ENTAC
SORSOGON CITY, PROVINCE OF SORSOGON	

SHEET CONTENT(S):	DRAWN BY:	SHEET NUMBER:
- GENERAL NOTES - ABBREVIATIONS - LEGEND - MOUNTING SCHEDULE - SITE PLAN	CHECKED BY:	E-01 16
	APPROVED BY:	

GENERAL NOTES:

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16. ALL ENGINEERING NOTES ARE FOR STRICTLY COMPLIANCE.

ABBREVIATIONS:

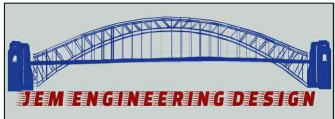
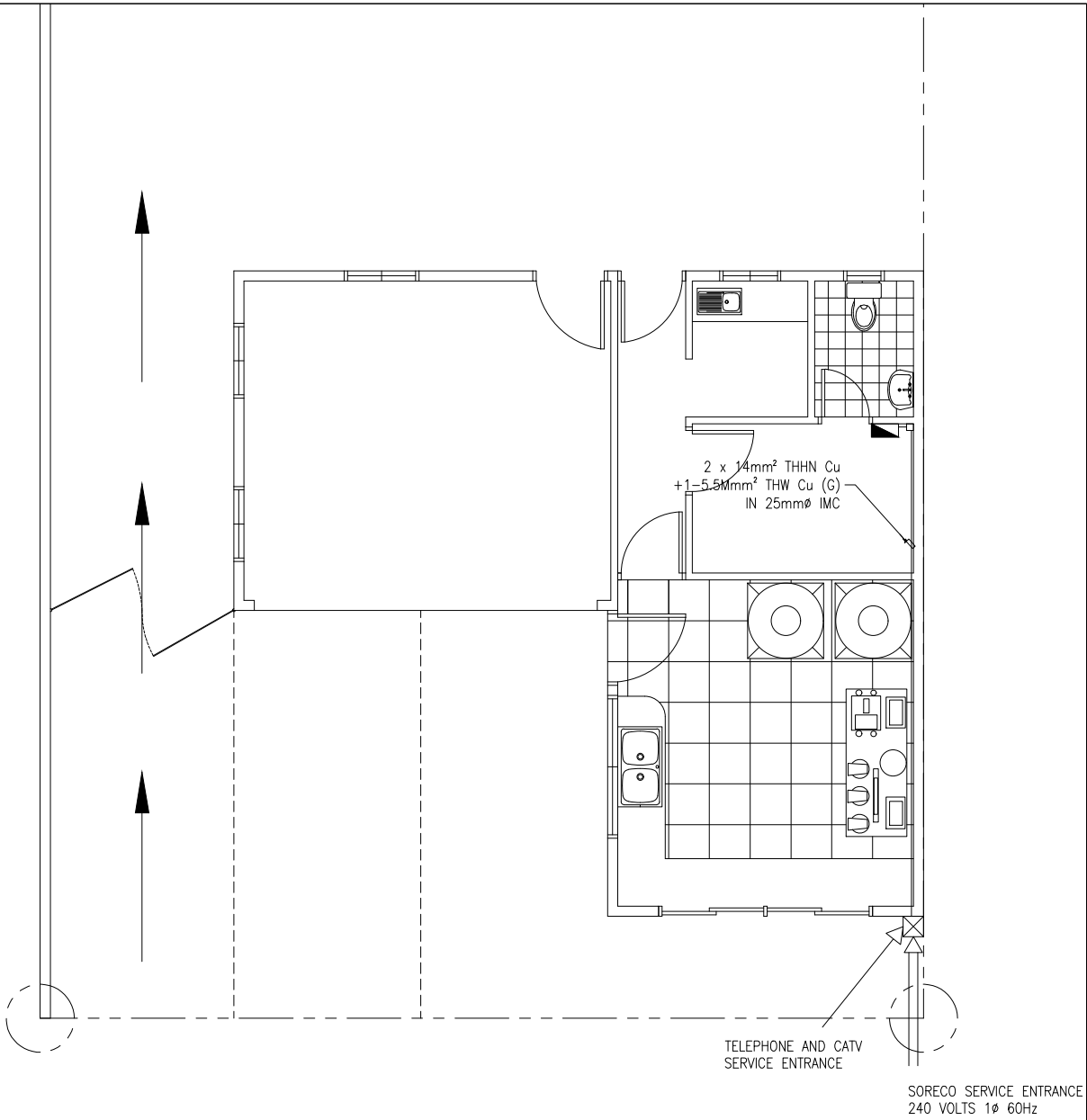
A/AMPAMPERE	mm MILLIMETER
AC ALTERNATING CURRENT	MTD MOUNTED
BCW BARE COPPER WIRE	MTG MOUNTING
C CONDUIT	NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
CATV COMMUNITY ANTENNA TELEVISION	P POWER
CB CIRCUIT BREAKER	PNL PANELBOARD
CKT CIRCUIT	PB PULLBOX
CT CURRENT TRANSFORMER	PF POWER FACTOR
DIA DIAMETER	PRI PRIMARY
ECB ENCLOSED CIRCUIT BREAKER	PVC POLYVINYL CHLORIDE
ENCL ENCLOSURE	S SWITCH
GND or G GROUND	SEC SECONDARY
HP HORSE POWER	TEL TELEPHONE
HZ HERTZ	TV TELEVISION
IMC INTERMEDIATE METAL CONDUIT	TYP TYPICAL
J JUNCTION BOX	V VOLT
KAIC KILO AMPERE INTERRUPTING CAPACITY	WACU WINDOW-TYPE AIR CONDITION UNIT
KV KILOVOLT	WP WEATHERPROOF
KW KILOWATT	W WATT or WIRE
LTG LIGHTING	
M METER	
MIN MINIMUM	

LEGEND:

	2x36 WATTS FLUORESCENT LUMINAIRE.
	6" PINLIGHT
	4" PINLIGHT
	1x36 WATTS T5 FLUORESCENT, BARE BATTEN TYPE, SURFACE MOUNTED.
	LIGHTING RECEPTACLE
	18 WATTS COMPACT FLUORESCENT SQUARE DOWNLIGHT.
	LIGHT SWITCH, 1-POLE 15A 250V, FLUSH-MOUNTED.
	SMALL LETTER INDICATES CONTROLLING SWITCH.
	-DITTO- EXCEPT 2-POLE ON ONE GANG
	-DITTO- EXCEPT 3-POLE ON ONE GANG
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	DUPLEX RECEPTACLE, 16A 250V, 3W GROUNDING TYPE, FLUSH-MOUNTED IN WALL. WP DENOTES WEATHERPROOF.
	-DITTO- EXCEPT MOUNTED ABOVE COUNTER
	GROUND-FAULT CIRCUIT INTERRUPTER
	ELECTRIC RANGE OUTLET
	APPLIANCE OUTLET
	PANELBOARD
	PULLBOX
	DOOR CHIME
	PUSH BUTTON
	TV OUTLET
	ENCLOSED CIRCUIT BREAKER, RATING AS INDICATED.
	CIRCUIT HOMERUN ARROW, INDICATED WITH PANEL NAME AND BRANCH CIRCUIT NUMBER.
	CONDUIT RUN, CONCEALED ABOVE REFERENCE FLOOR LINE
	-DITTO- EXCEPT CONCEALED BELOW REFERENCE FLOOR LINE
	EXTERIOR UNDERGROUND POWER CONDUIT RUN
	-DITTO- EXCEPT WITH OTHER SERVICES
	POWER SERVICE ENTRANCE
	TELEPHONE AND CATV SERVICE ENTRANCE

MOUNTING SCHEDULE

DEVICE ON PLAN	MOUNTING HEIGHT (mm)	REFERENCE POINT	
		FROM	TO
\$ OR \$ _a , \$ _{ab} , \$ _{abc} , \$ _{3W}	1400	FLOOR	CENTER
	300	FLOOR	CENTER
	1200	FLOOR	CENTER
	300	COUNTER	CENTER
	1800	FLOOR	TOP
	1800	FLOOR	TOP
	2200	FLOOR	CENTER
NOTE: UNLESS OTHERWISE SPECIAL MOUNTING HEIGHT ARE INDICATED ON PLANS			

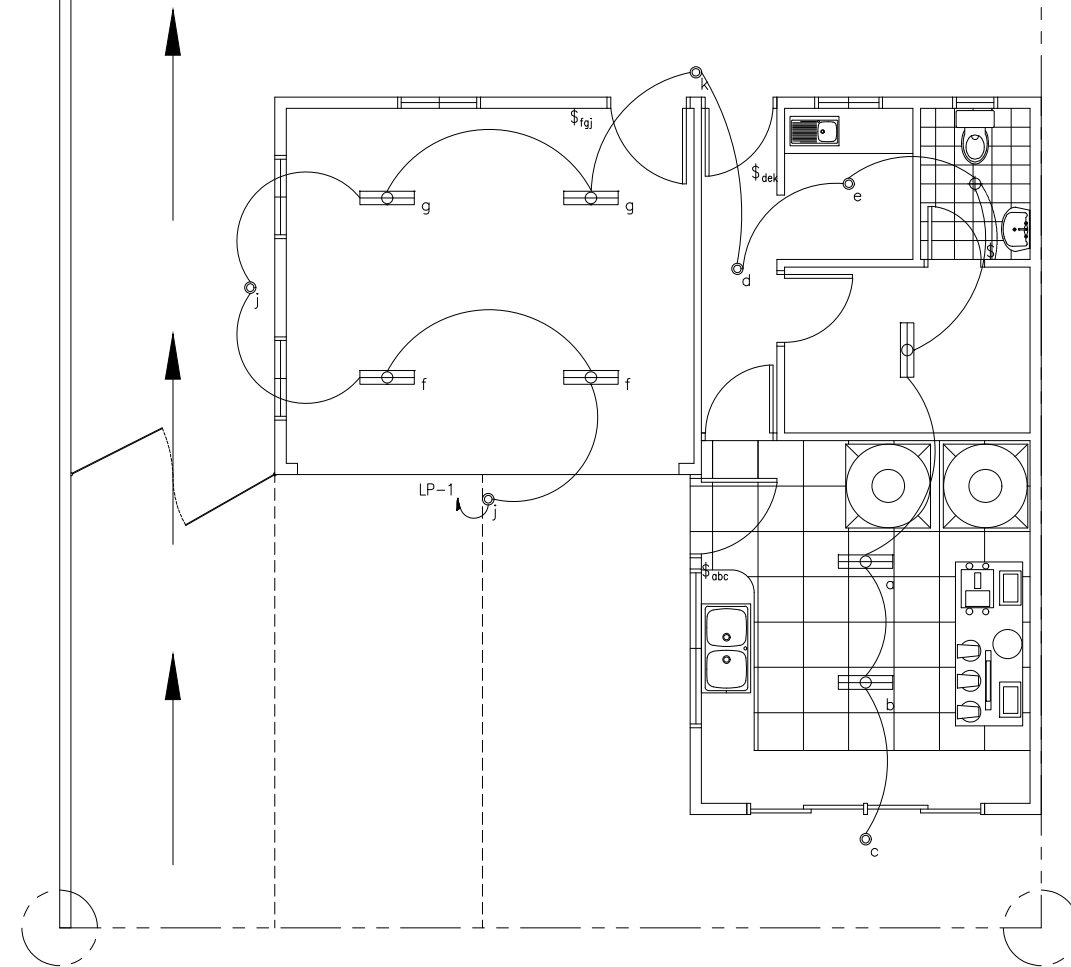


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TEL. NO.: +632 7751-8299
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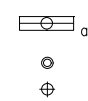
DESIGNER:	PROJECT NAME/LOCATION:
JOVEN E. MORALEJO MASTER PLUMBER	PROPOSED WATER REFILLING STATION AND GROCERY
PRC:	ISSUED:
TIN:	

OWNER:	SHEET CONTENT(S):
MR. ALDRIN E ENTAC	- GENERAL NOTES - ABBREVIATIONS - LEGEND - MOUNTING SCHEDULE - SITE PLAN
	DRAWN BY:
	CHECKED BY:
	APPROVED BY:

SHEET NUMBER:	
E-01	16



LEGEND:



2x36 WATTS FLUORESCENT LUMINAIRE.
SMALL LETTER INDICATES CONTROLLING SWITCH.

6" PINLIGHT

4" PINLIGHT

\$ OR \$o

\$ab

\$abc

\$3w

LP-1

LIGHT SWITCH, 1-POLE 15A 250V, FLUSH-MOUNTED.
SMALL LETTER INDICATES CONTROLLING SWITCH.

-DITTO- EXCEPT 2-POLE ON ONE GANG

-DITTO- EXCEPT 3-POLE ON ONE GANG

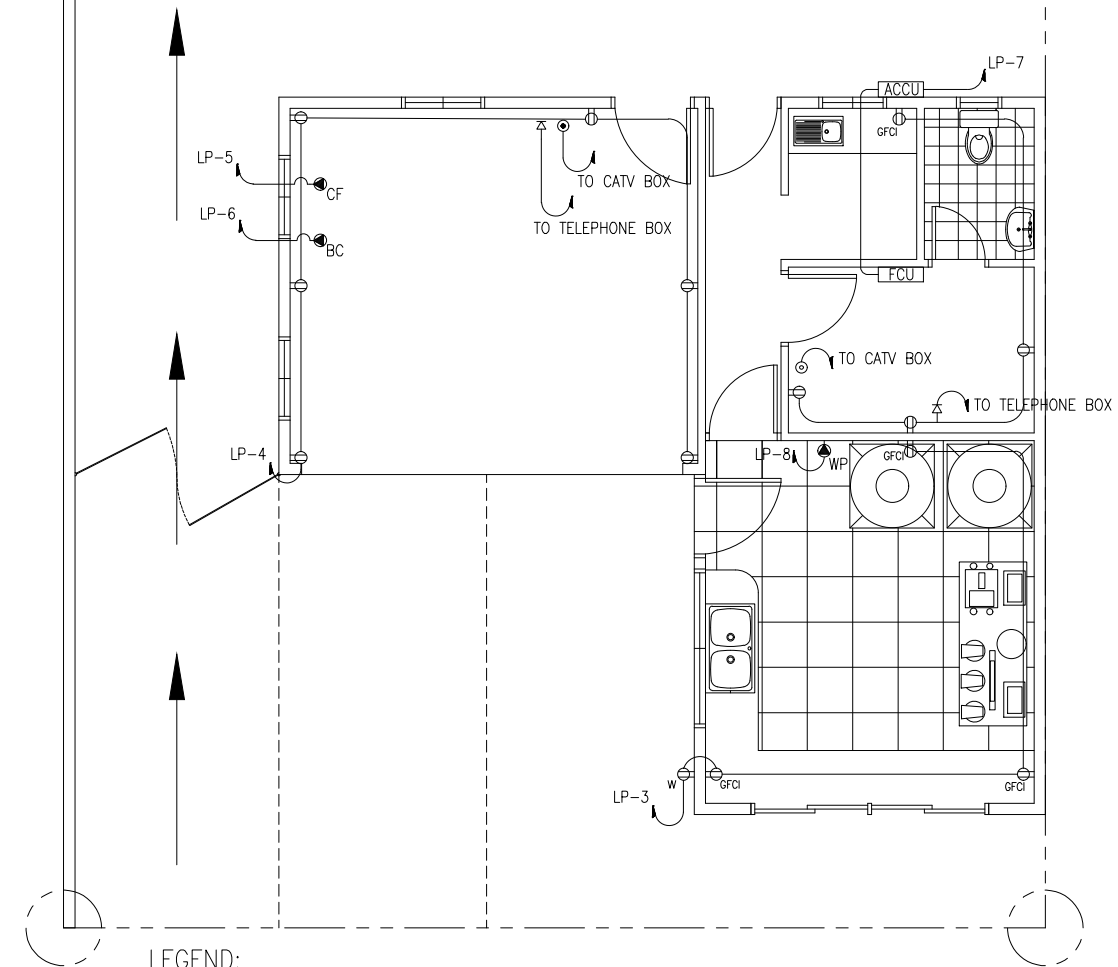
THREE WAY SWITCH, 15A 250V.

CIRCUIT HOMERUN ARROW, INDICATED WITH PANEL NAME AND
BRANCH CIRCUIT NUMBER.

1 LIGHTING LAYOUT

E-02

SCALE: 1:5m



LEGEND:



- CATV OUTLET

- TELEPHONE OUTLET

- GFCI OUTLET

- WEATHERPROOF OUTLET

- CHEST FREEZER OUTLET

- BOTTLE CHILLER OUTLET

- WATER PUMP OUTLET

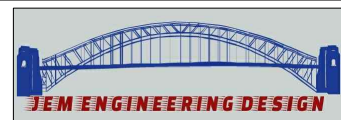
- AIR COOLED CONDENSING UNIT

- FAN COIL UNIT

2 POWER & AUXILIARY LAYOUT

E-02

SCALE: 1:5m



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TEL. NO.: +632 7751-8299
EMAIL: cjemoralejo@gmail.com

DESIGNER:

JOVEN E. MORALEJO
MASTER PLUMBER

PRC:

PTR:

TIN:

ISSUED:

PROJECT NAME/LOCATION:

PROPOSED WATER REFILLING STATION
AND GROCERY

SORSOGON CITY, PROVINCE OF SORSOGON

OWNER:

MR. ALDRIN E ENTAC

SHEET CONTENT(S):

- LIGHTING LAYOUT
- POWER & AUXILIARY LAYOUT

DRAWN BY:

CHECKED BY:

APPROVED BY:

SHEET NUMBER:

E-02

17

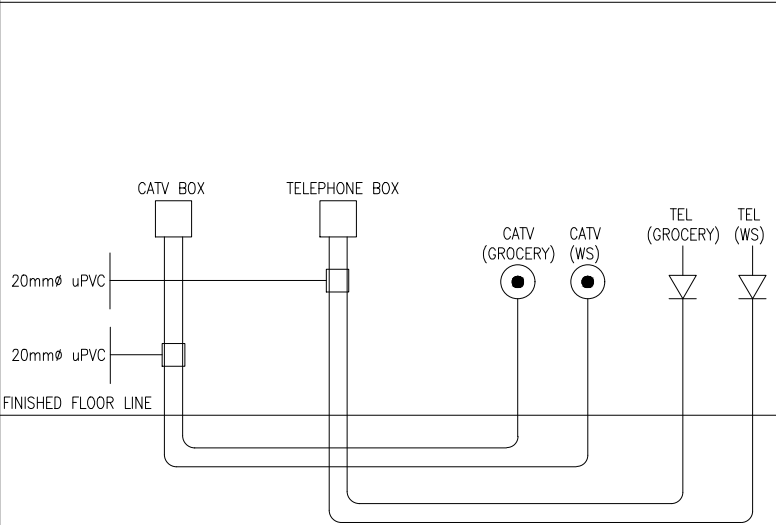
LOAD SCHEDULE AND COMPUTATION																			
PANEL 'LP'																			
CKT NO	LOAD DESCRIPTION	SWITCHES			OUTLETS				CB	V	CB RATING (BOLT-ON)				VA	A	CONDUCTOR (mm²)		IMC (mmØ)
		S1	S2	S3	S	D	G	W			AT	AF	POLE	kAIC			LINE (THHN)	GROUND (THW)	
1	LO	2		3						230	20	50	2	10	1400	6.09	3.5	3.5	15
2	LO (SIGNAGE)								1		20	50	2	10	500	2.17	3.5	3.5	15
3	CO					3	4	3			20	50	2	10	1440	6.26	3.5	3.5	15
4	CO					6					20	50	2	10	1080	4.70	3.5	3.5	15
5	CHEST FREEZER				1						30	50	2	10	500	2.17	5.5	3.5	15
6	BOTTLE CHILLER				1						30	50	2	10	350	1.52	5.5	3.5	15
7	AIRCON (5kW)								1		40	50	2	10	6250	27.17	5.5	3.5	15
8	WATER PUMP (2HP)								1		30	50	2	10	2400	10.43	5.5	3.5	15
9	SPARE @ 1200VA									▼	20	50	2	10	1200	5.22			
	SPACE														15120	61.00			
TOTAL ELECTRICAL LOAD: 15.12 kVA																			
D.F.: 80%																			
MAINS: 70AT, 50AF, 2P, 240V, 10kAIC CB																			
MAX. DEMAND: 12.10 kVA																			
USE: 2-14.0mm² THHN Cu + 1=5.5mm² THW Cu (G) IN 25mmØ IMC																			
TOTAL AMPS: 52.59 AMPS																			

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E-03

LOAD SCHEDULE AND COMPUTATION

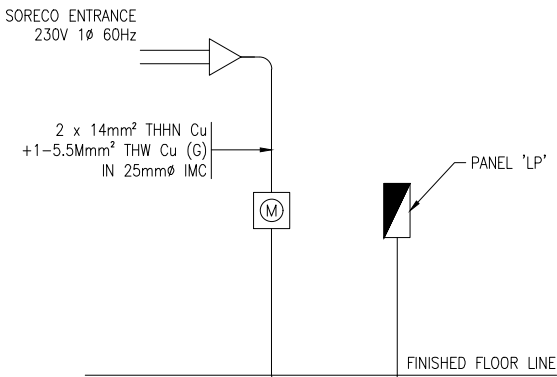
NTS



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E-03

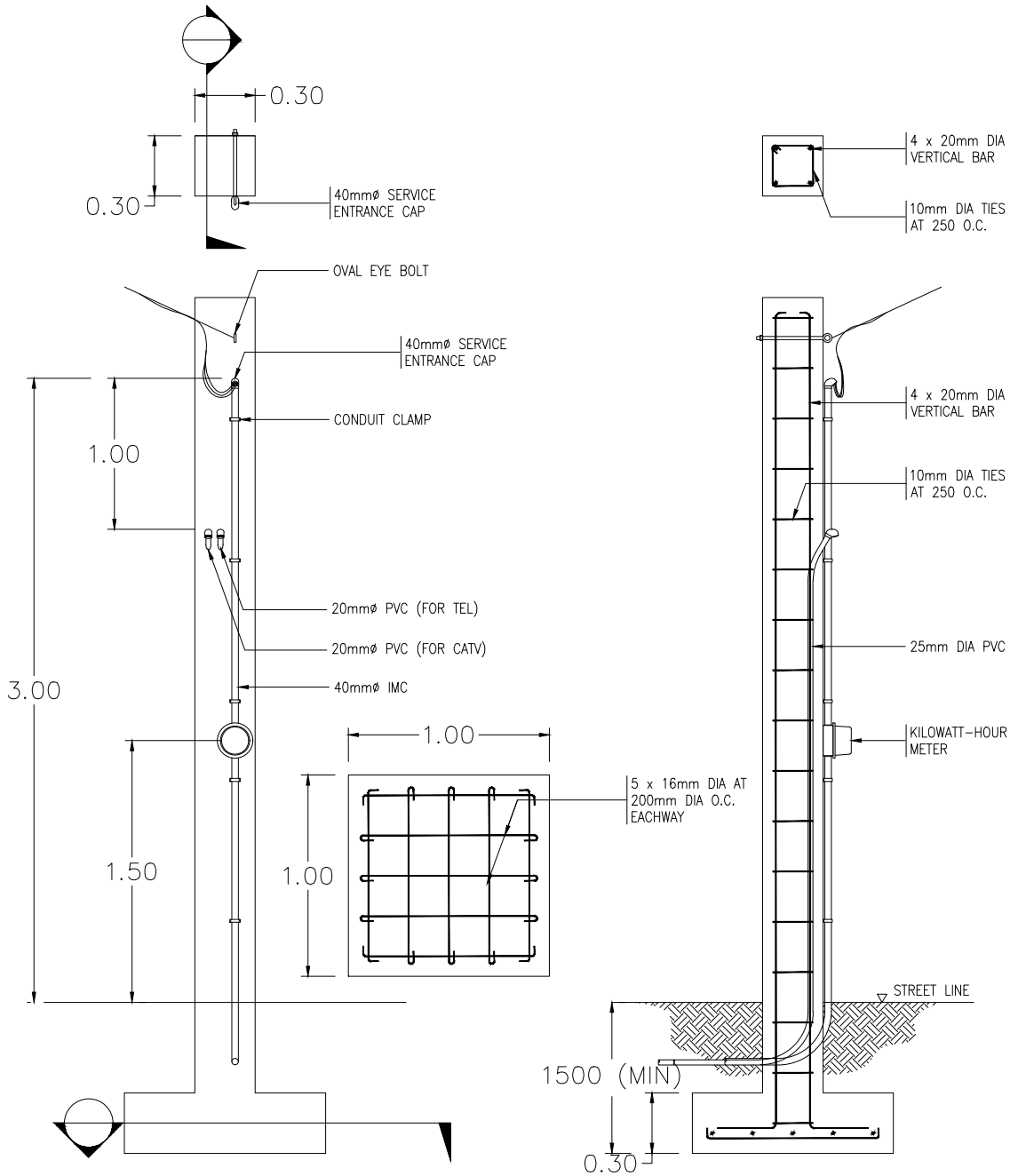
AUXILIARY SERVICE ONE-LINE DIAGRAM



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POWER ONE-LINE DIAGRAM

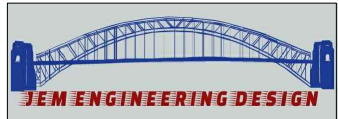


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CONCRETE PEDESTAL DETAIL

NTS



ADDRESS: 17E HUBILLA STREET, SAN JUAN CITY
TEL. NO.: +632 7751-8299
EMAIL: cjemoralejo@gmail.com

DESIGNER:
JOVEN E. MORALEJO
MASTER PLUMBER
PRC:
TIN:

PROJECT NAME/LOCATION:
PROPOSED WATER REFILLING STATION
AND GROCERY
SORSOGON CITY, PROVINCE OF SORSOGON

OWNER:
MR. ALDRIN E ENTAC

SHEET CONTENT(S):
- LOAD SCHEDULE
- POWER ONE-LINE DIAGRAM
- AUXILIARY SERVICE ONE-LINE DIAGRAM
- CONCRETE PEDESTAL DETAIL

DRAWN BY:
CHECKED BY:
APPROVED BY:

SHEET NUMBER:
E-03
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