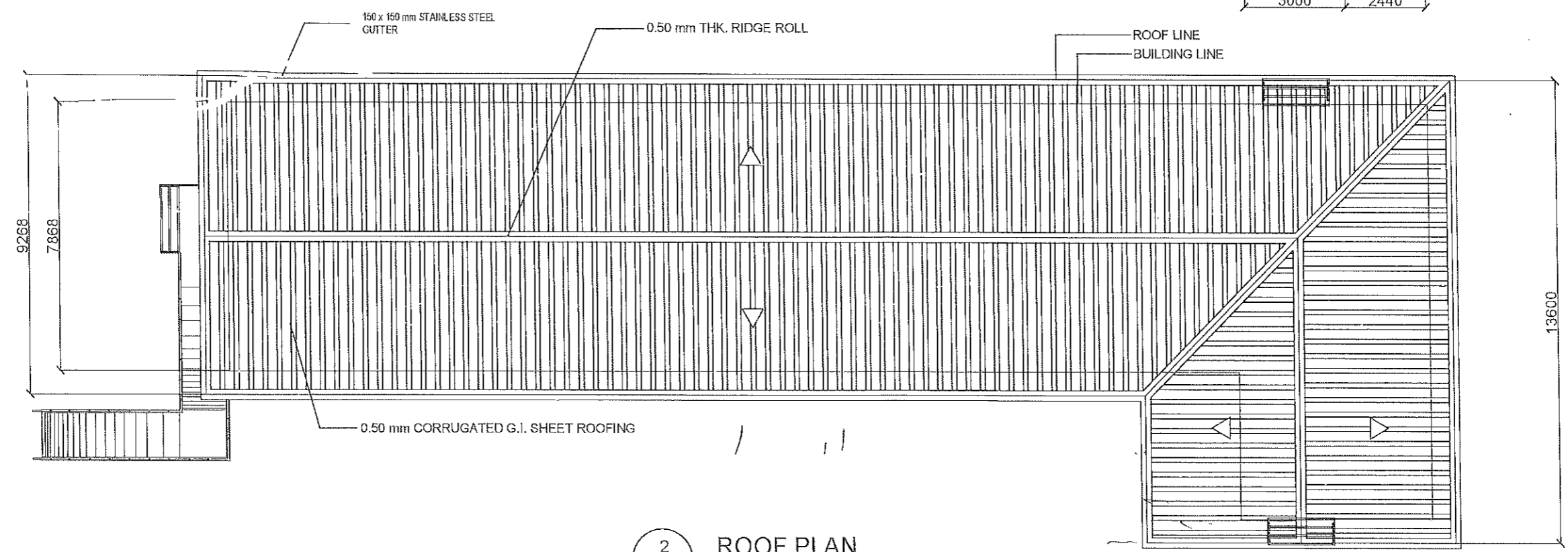
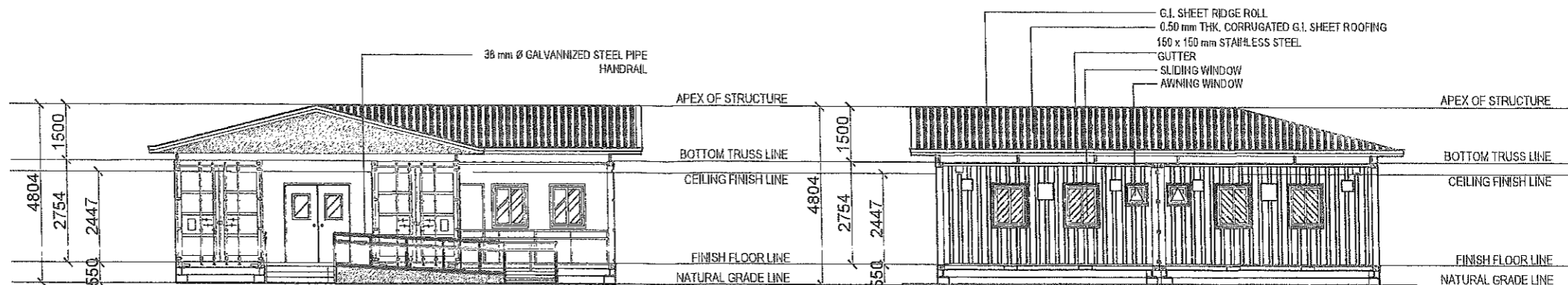


1 CONTAINER VAN LAYOUT PLAN  
SCALE 1:150 M.



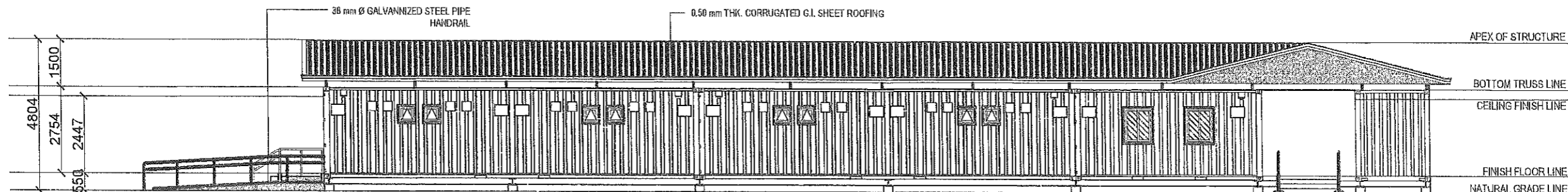
2 ROOF PLAN  
SCALE 1:150 M.

	FROM THE OFFICE OF:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	VERIFIED & SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)	<b>CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY</b>  LOCATION: STA. CATALINA, LUBAO, PAMPANGA	PETER CRIS G. LAXA ENGINEER II	RUSSELLA HERNANDEZ CONSTRUCTION DIVISION HEAD	WILFREDO A. MANALILI ASSISTANT PROVINCIAL ENGINEER	OLIMPIO M. PANGAN PROVINCIAL ENGINEER	HON. DENNIS G. PINEDA GOVERNOR BY THE AUTHORITY OF THE GOVERNOR: ATTY. CHARLIE G. CHUA PROVINCIAL ADMINISTRATOR	AS SHOWN  ARCHITECTURAL	1  1/12

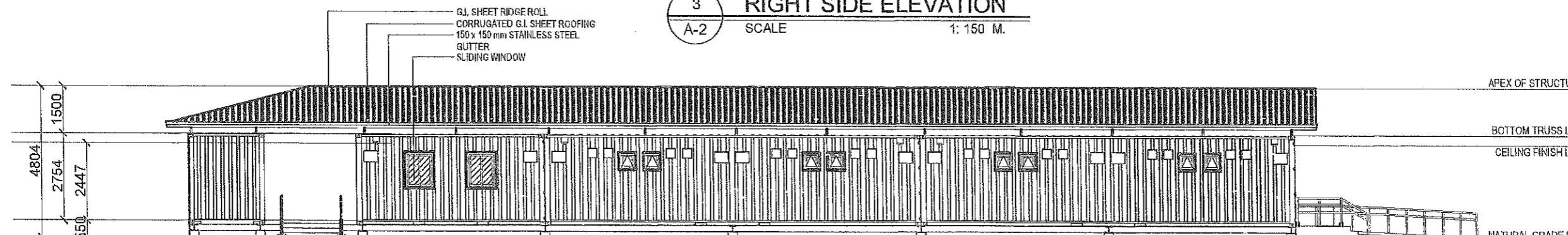


1 FRONT ELEVATION  
A-2 SCALE 1: 150 M.

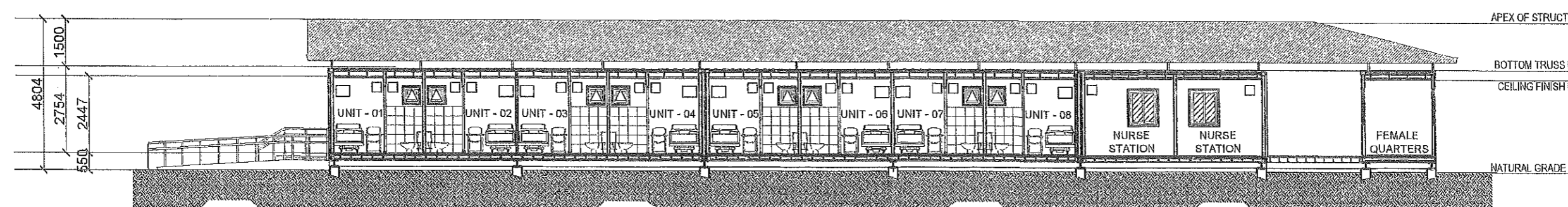
2 REAR ELEVATION  
A-2 SCALE 1: 150 M.



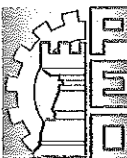
3 RIGHT SIDE ELEVATION  
A-2 SCALE 1: 150 M.



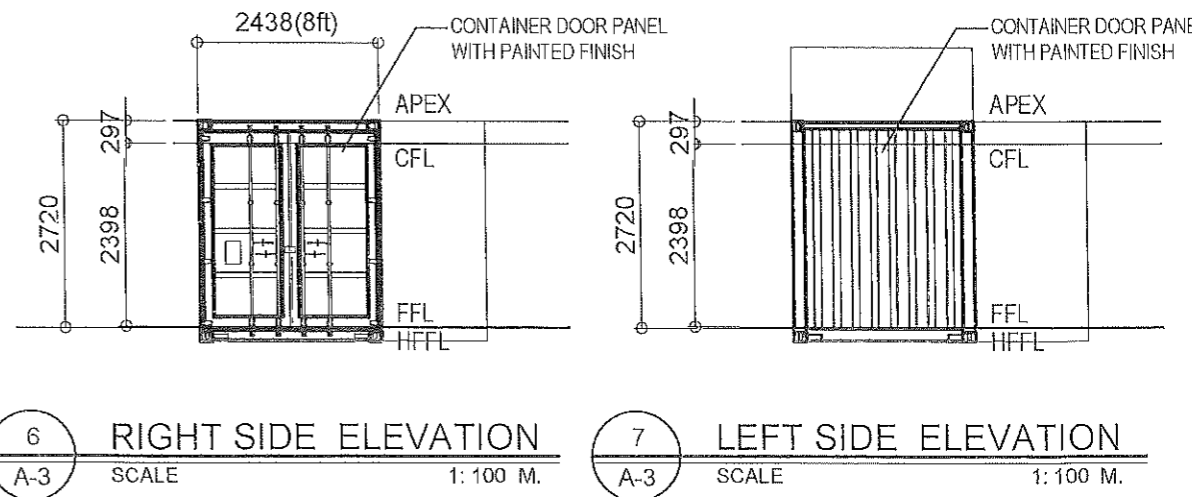
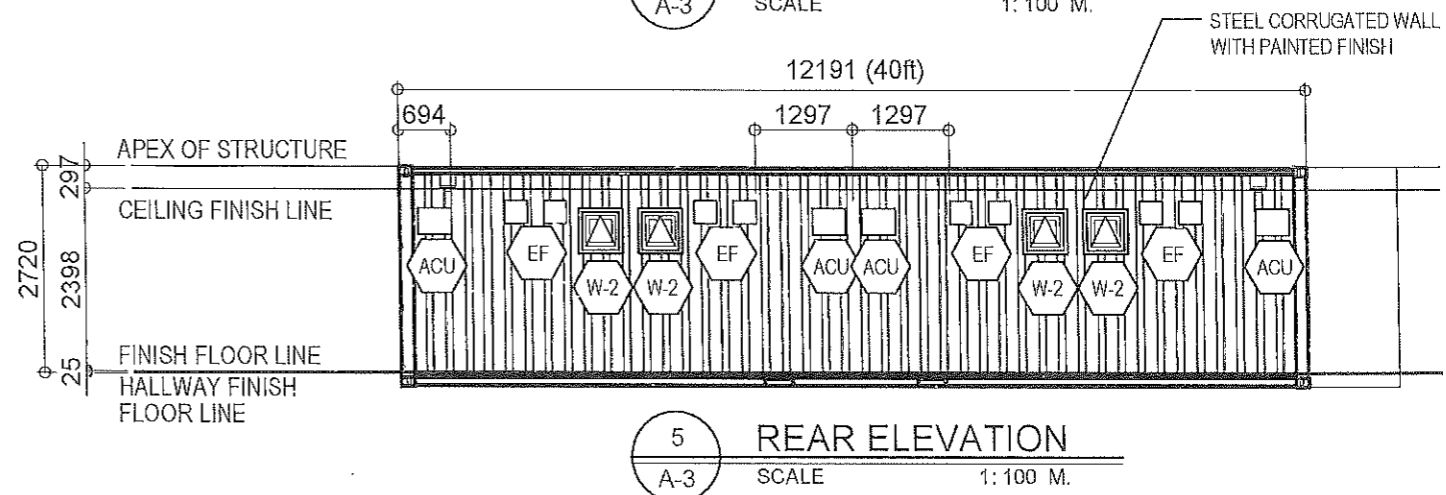
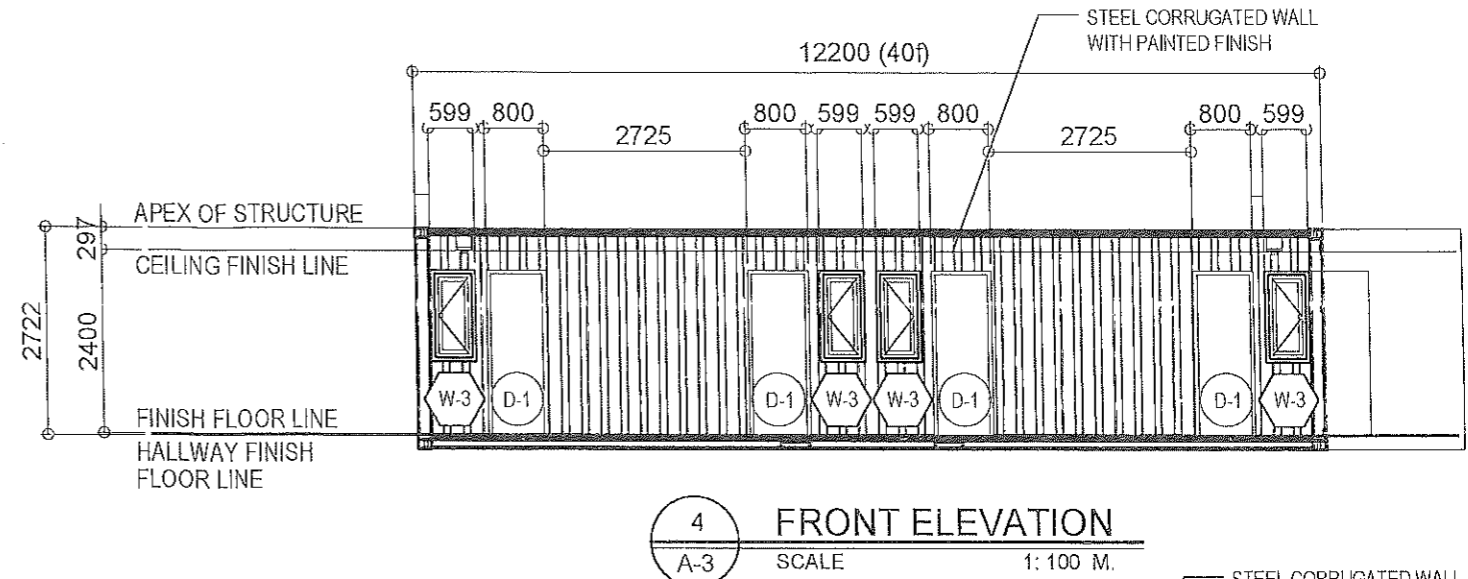
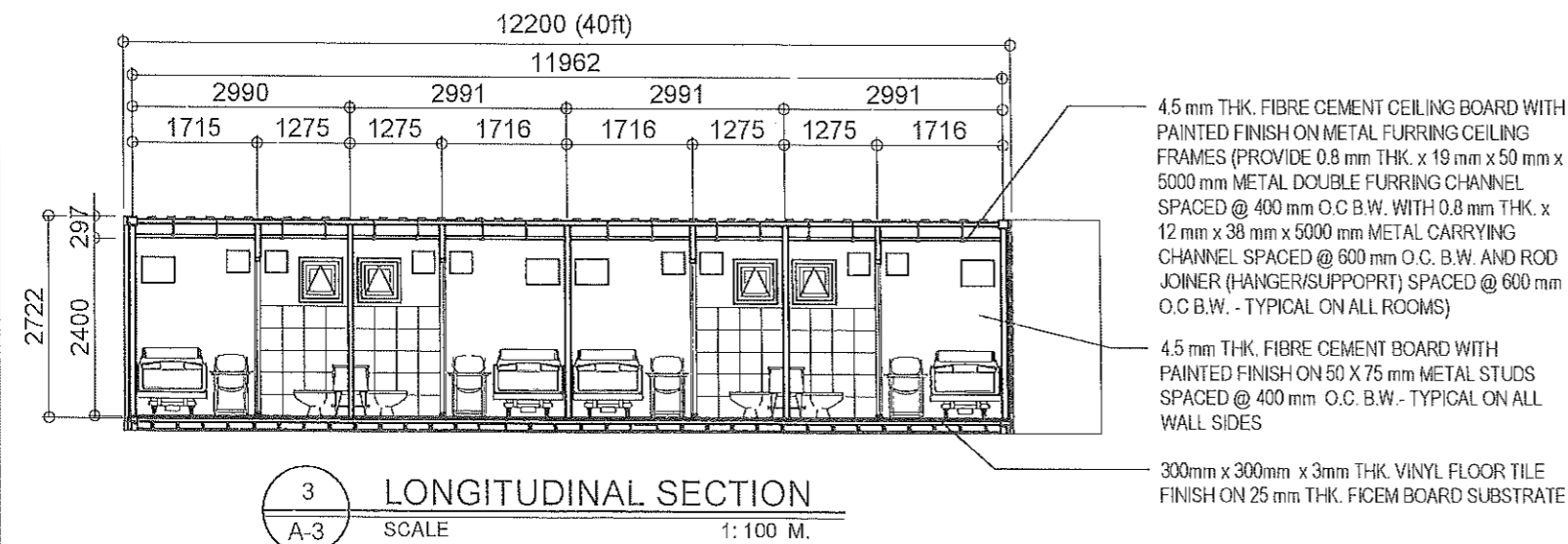
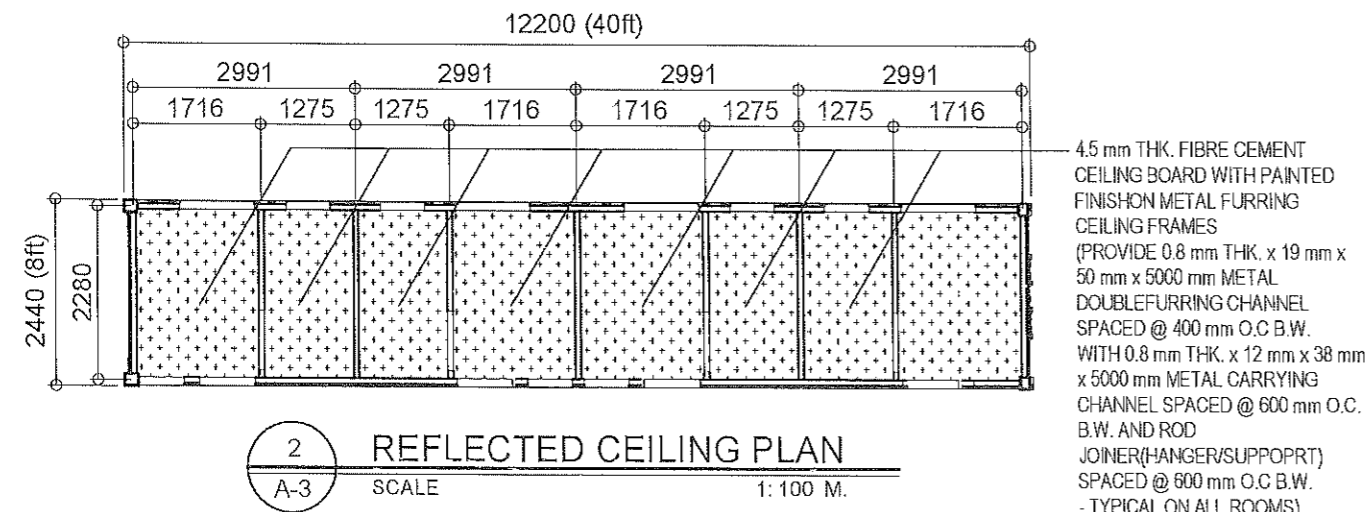
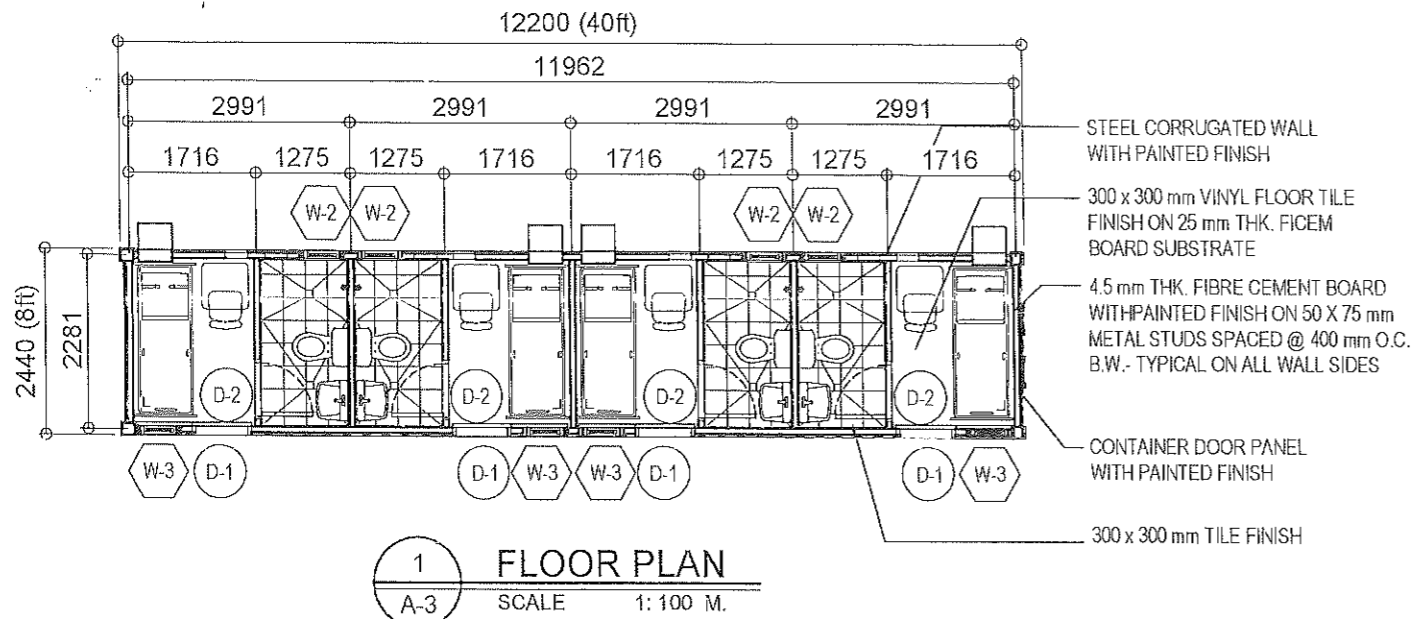
4 LEFT SIDE ELEVATION  
A-2 SCALE 1: 150 M.



5 LONGITUDINAL SECTION  
A-2 SCALE 1: 150 M.

	FROM THE OFFICE OF:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	VERIFIED & SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)	<b>CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY</b> LOCATION: STA. CATALINA, LUBAO, PAMPANGA	PETER CRIS G. LAXA ENGINEER II	RUSSEL HERNANDEZ CONSTRUCTION DIVISION HEAD	WILFREDO A. MANALI ASSISTANT PROVINCIAL ENGINEER	OLIMPIO M. PANGAN PROVINCIAL ENGINEER	HON. DENNIS G. PINEDA GOVERNOR BY THE AUTHORITY OF THE GOVERNOR: ATTY. CHARLE G. CHUA PROVINCIAL ADMINISTRATOR	AS SHOWN ARCHITECTURAL	2 2/12

40FT HIGH-CUBE FOUR (4) UNIT ISOLATION CONTAINER VAN



STEEL CORRUGATED WALL WITH PAINTED FINISH  
300 x 300 mm VINYL FLOOR TILE FINISH ON 25 mm THK. FICEM BOARD SUBSTRATE  
4.5 mm THK. FIBRE CEMENT BOARD WITH PAINTED FINISH ON 50 X 75 mm METAL STUDS SPACED @ 400 mm O.C. B.W. - TYPICAL ON ALL WALL SIDES  
CONTAINER DOOR PANEL WITH PAINTED FINISH  
300 x 300 mm TILE FINISH

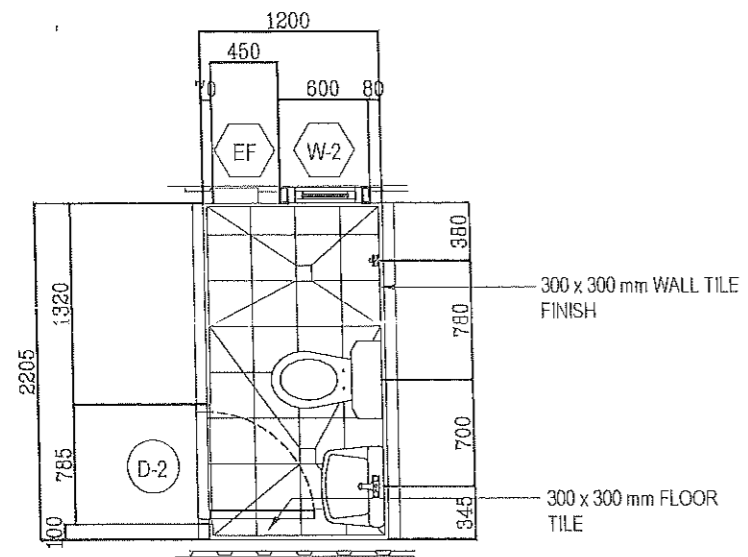
4.5 mm THK. FIBRE CEMENT CEILING BOARD WITH PAINTED FINISH ON METAL FURRING CEILING FRAMES (PROVIDE 0.8 mm THK. x 19 mm x 50 mm x 5000 mm METAL DOUBLE FURRING CHANNEL SPACED @ 400 mm O.C. B.W. WITH 0.8 mm THK. x 12 mm x 38 mm x 5000 mm METAL CARRYING CHANNEL SPACED @ 600 mm O.C. B.W. AND ROD JOINER (HANGER/SUPPORT) SPACED @ 600 mm O.C. B.W. - TYPICAL ON ALL ROOMS)

4.5 mm THK. FIBRE CEMENT CEILING BOARD WITH PAINTED FINISH ON METAL FURRING CEILING FRAMES (PROVIDE 0.8 mm THK. x 19 mm x 50 mm x 5000 mm METAL DOUBLE FURRING CHANNEL SPACED @ 400 mm O.C. B.W. WITH 0.8 mm THK. x 12 mm x 38 mm x 5000 mm METAL CARRYING CHANNEL SPACED @ 600 mm O.C. B.W. AND ROD JOINER (HANGER/SUPPORT) SPACED @ 600 mm O.C. B.W. - TYPICAL ON ALL ROOMS)

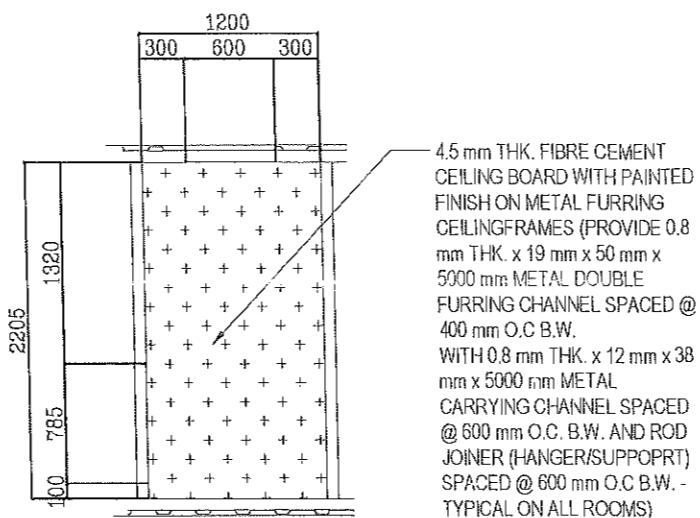
4.5 mm THK. FIBRE CEMENT BOARD WITH PAINTED FINISH ON 50 X 75 mm METAL STUDS SPACED @ 400 mm O.C. B.W. - TYPICAL ON ALL WALL SIDES

300mm x 300mm x 3mm THK. VINYL FLOOR TILE FINISH ON 25 mm THK. FICEM BOARD SUBSTRATE

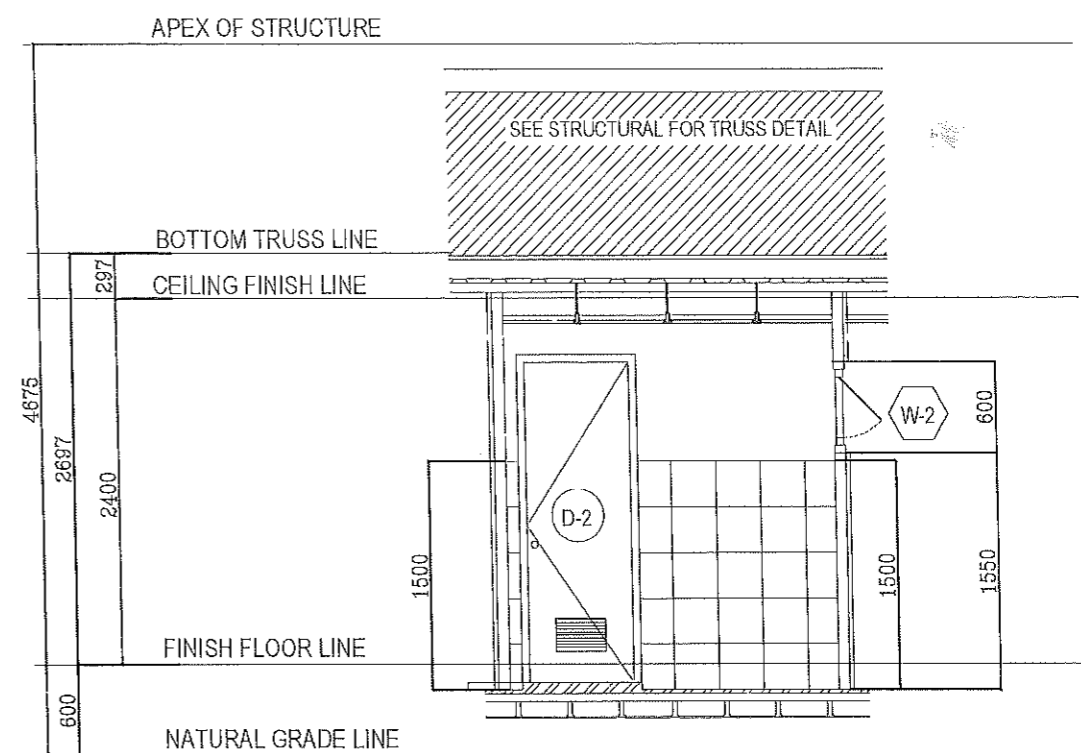
	FROM THE OFFICE OF:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	VERIFIED & SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)	CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY LOCATION: STA. CATALINA, LUBAO, PAMPANGA	PETER CRIS G. LAXA ENGINEER II	RUSSEL L. HERNANDEZ CONSTRUCTION DIVISION HEAD	WILFREDO A. MANAHIL ASSISTANT PROVINCIAL ENGINEER	OLIMPIO M. PANGAN PROVINCIAL ENGINEER	HON. DENNIS G. PINEDA GOVERNOR BY THE AUTHORITY OF THE GOVERNOR: ATTY. CHARLIE G. CHUA PROVINCIAL ADMINISTRATOR	AS SHOWN	3 3/12



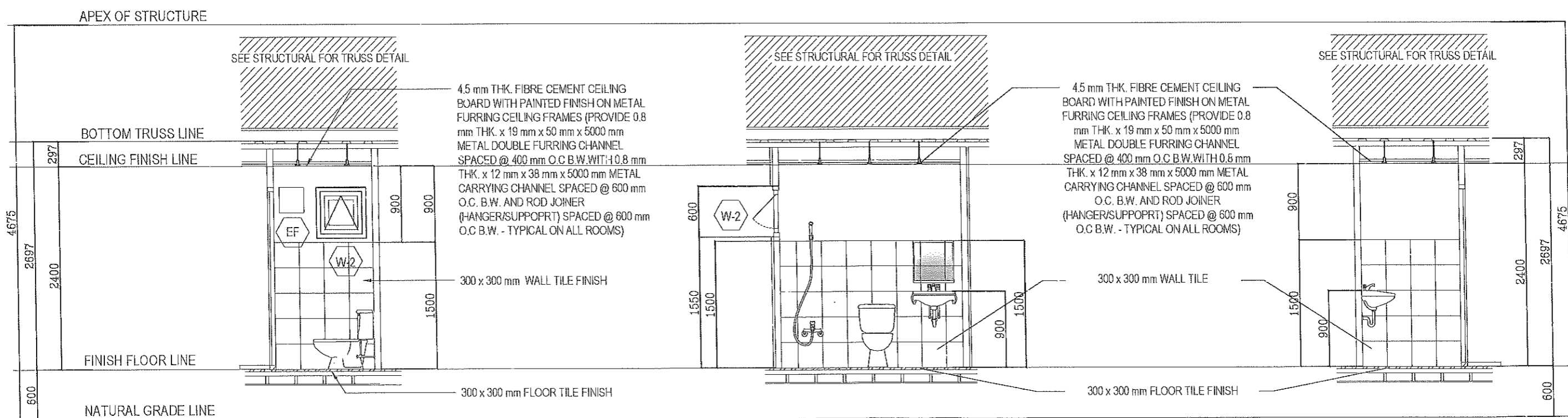
1 TYPICAL TOILET LAYOUT  
SCALE 1: 50 m.



2 TYPICAL REFLECTED CEILING PLAN  
SCALE 1: 50 m.



① REAR VIEW



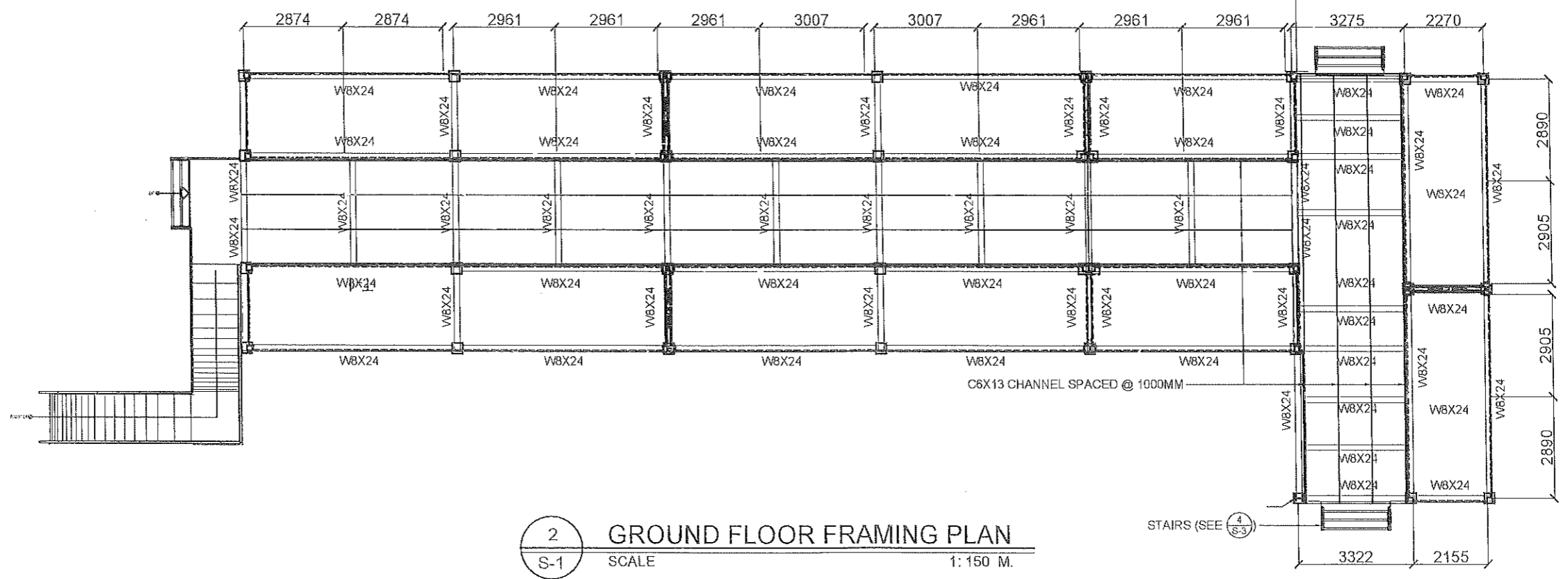
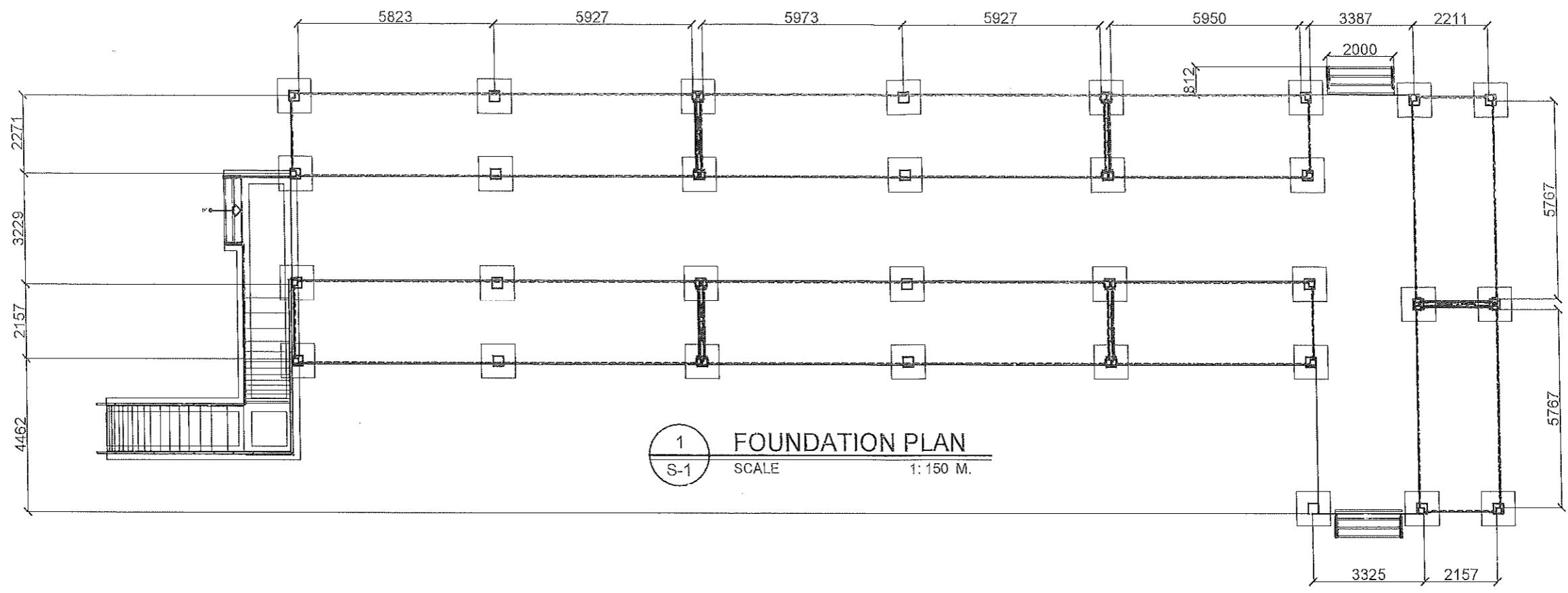
② LEFT VIEW

③ FRONT VIEW

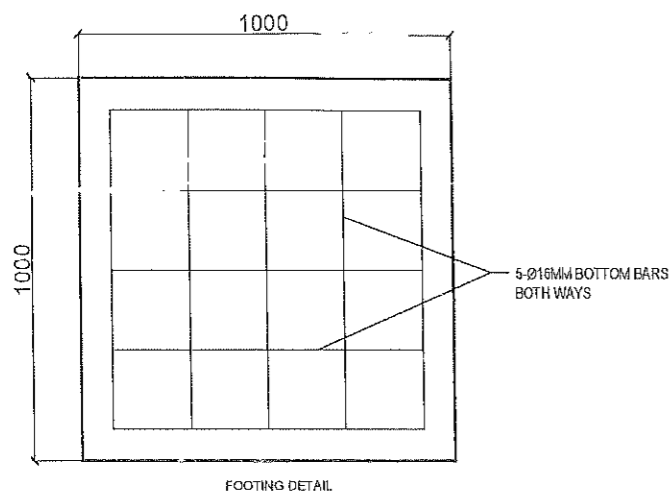
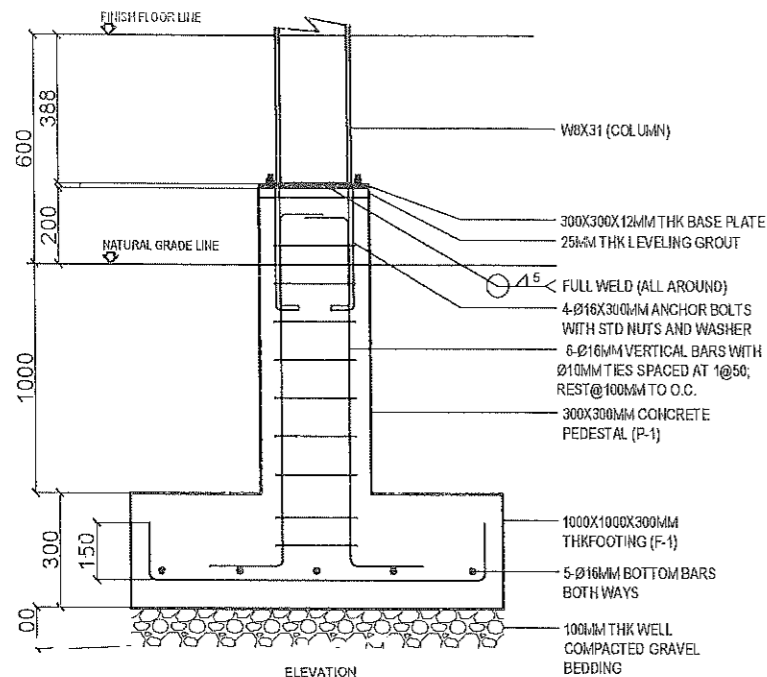
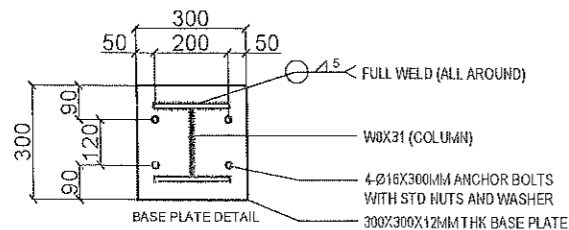
④ RIGHT VIEW

3 TYPICAL TOILET ELEVATIONS  
SCALE 1: 50 m.

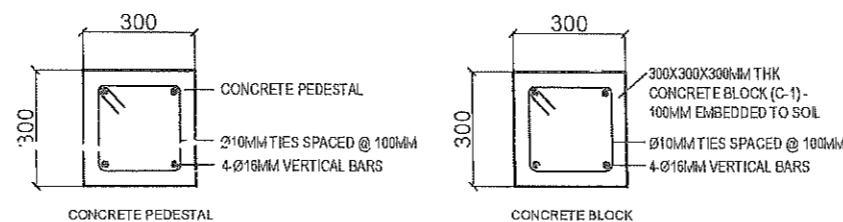
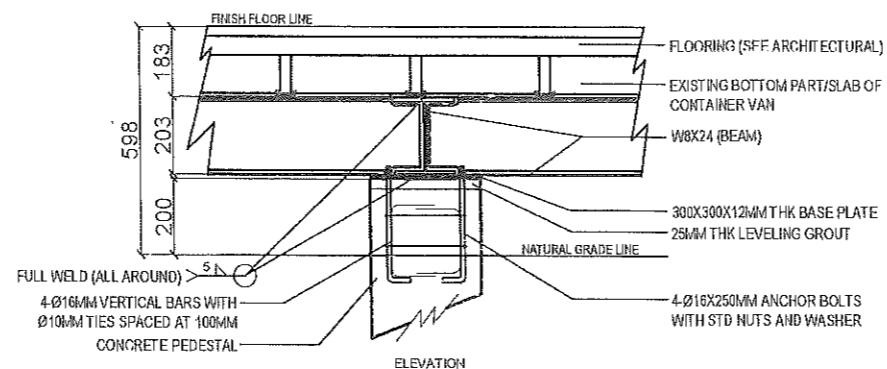
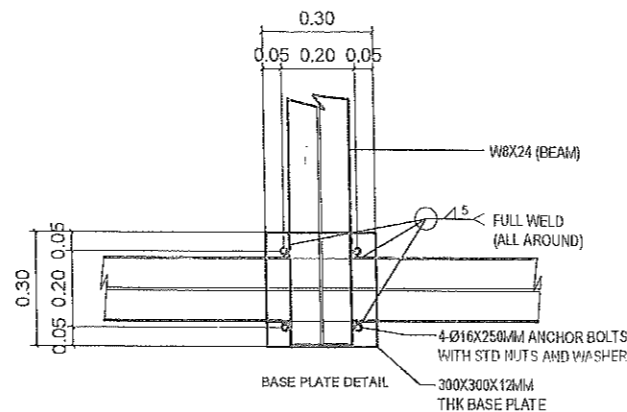
	FROM THE OFFICE OF:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	VERIFIED & SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)	<b>CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY</b> LOCATION: STA. CATALINA, LUBAO, PAMPANGA	PETER CRIS G. LAXA ENGINEER II	RUSSEL L. HERNANDEZ DIVISION HEAD	WILFREDO A. MANALILI ASSISTANT PROVINCIAL ENGINEER	OLIMPIO M. PANGAN PROVINCIAL ENGINEER	HON. DENNIS G. PINEDA GOVERNOR BY THE AUTHORITY OF THE GOVERNOR: ATTY. CHARLIE G. CHUA PROVINCIAL ADMINISTRATOR	AS SHOWN ARCHITECTURAL	4 4/12



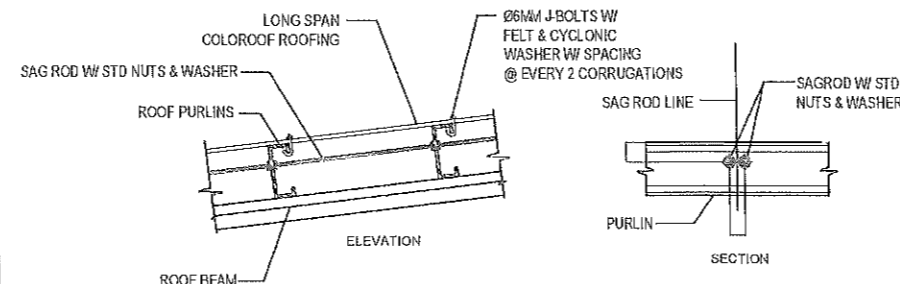
	FROM THE OFFICE OF:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	VERIFIED & SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)	<b>CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY</b> LOCATION: STA. CATALINA, LUBAO, PAMPANGA	 PETER CRIS G. LAXA ENGINEER II	 RUSSEL L. HERNANDEZ STRUCTURAL DIVISION HEAD	 WILFREDO A. MANAHIL ASSISTANT PROVINCIAL ENGINEER	 OLIMPIO M. PANGAN PROVINCIAL ENGINEER	 ATTY. CHARLIE G. CHUA PROVINCIAL ADMINISTRATOR	HON. DENNIS G. PINEDA GOVERNOR BY THE AUTHORITY OF THE GOVERNOR:	AS SHOWN
								STRUCTURAL	5/12



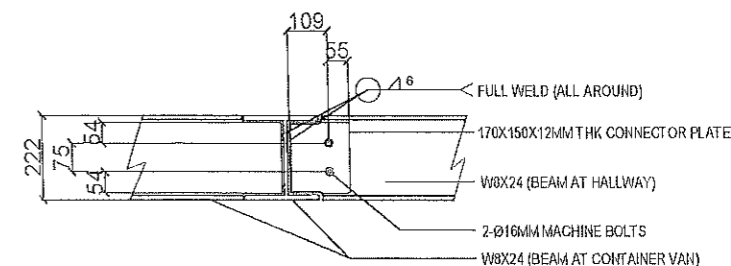
1  
SCALE 1:20 M.



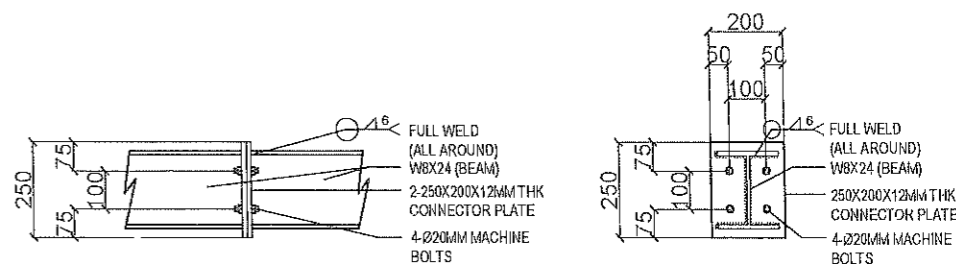
2  
SCALE 1:20 M.



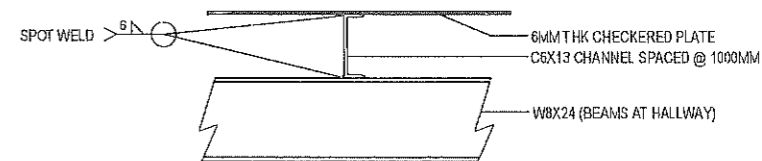
3  
SCALE N.T.S.



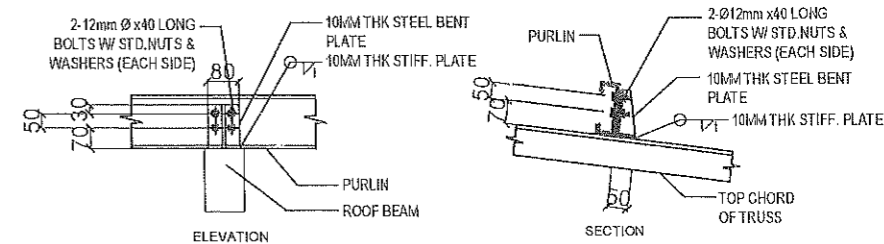
4  
SCALE 1:20 M.



5  
SCALE 1:20 M.

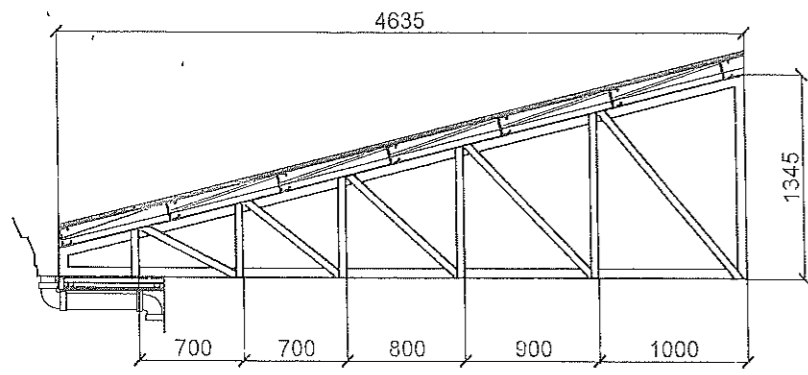


6  
SCALE 1:20 M.

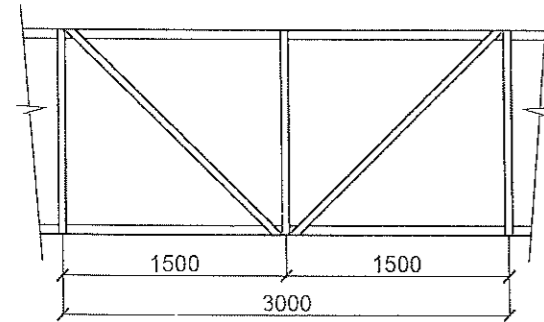


7  
SCALE 1:20 M.

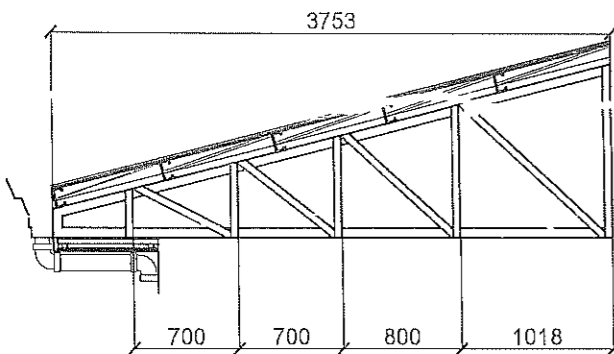
	FROM THE OFFICE OF:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	VERIFIED & SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)	<b>CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY</b> LOCATION: STA. CATALINA, LUBAO, PAMPANGA	PETER CRIS G. LAXA ENGINEER II	RUSSEL L. HERNANDEZ CONSULTING ENGINEER HEAD	WILFREDO A. MANALILI ASSISTANT PROVINCIAL ENGINEER	OLIMPIO M. PANGAN PROVINCIAL ENGINEER	HON. DENNIS G. PINEDA GOVERNOR BY THE AUTHORITY OF THE GOVERNOR: ATTY. CHARME G. CHUA PROVINCIAL ADMINISTRATOR	AS SHOWN STRUCTURAL	<b>6</b> 6/12



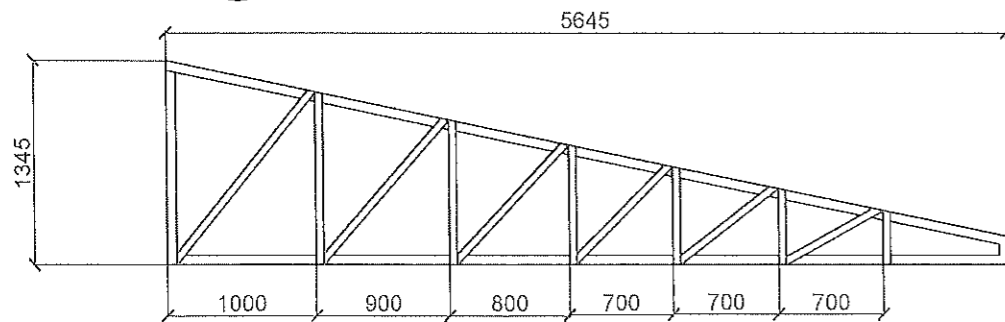
2 **DETAIL OF T-1**  
S-3 SCALE 1:50 M.



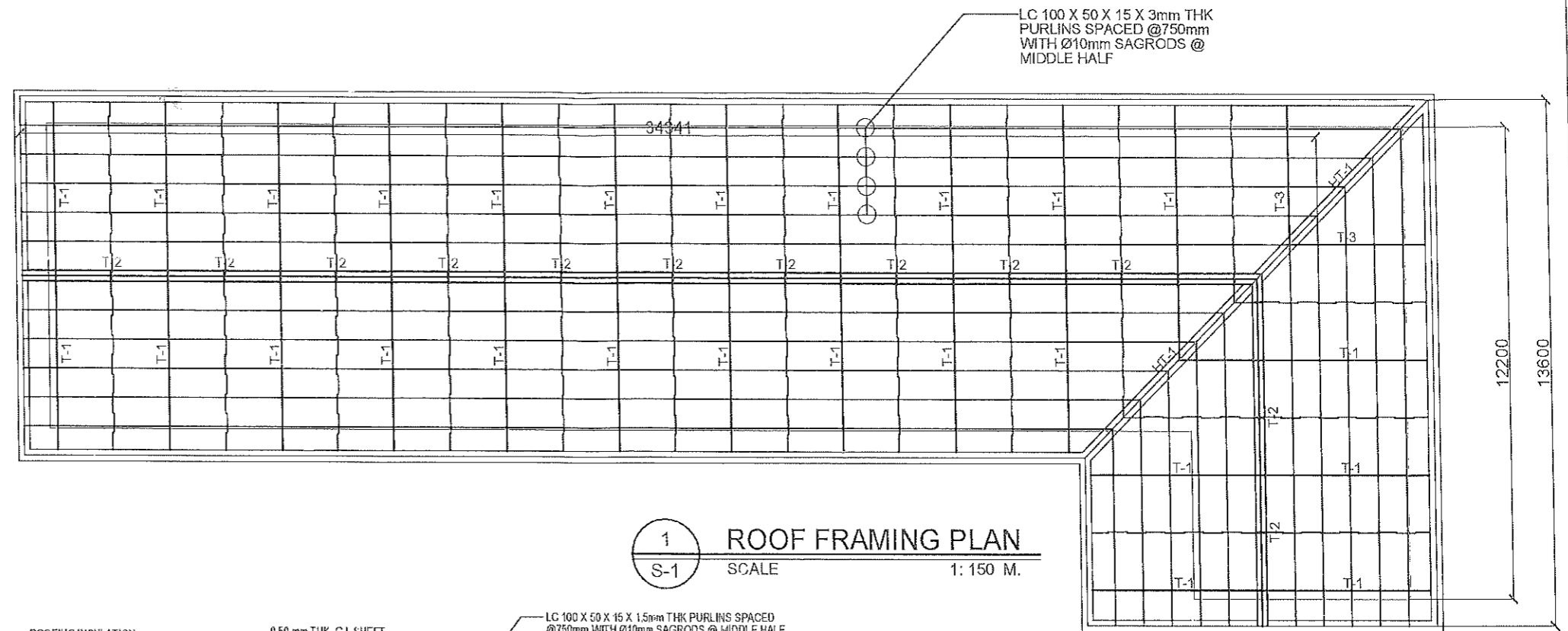
3 **DETAIL OF T-2**  
S-3 SCALE 1:50 M.



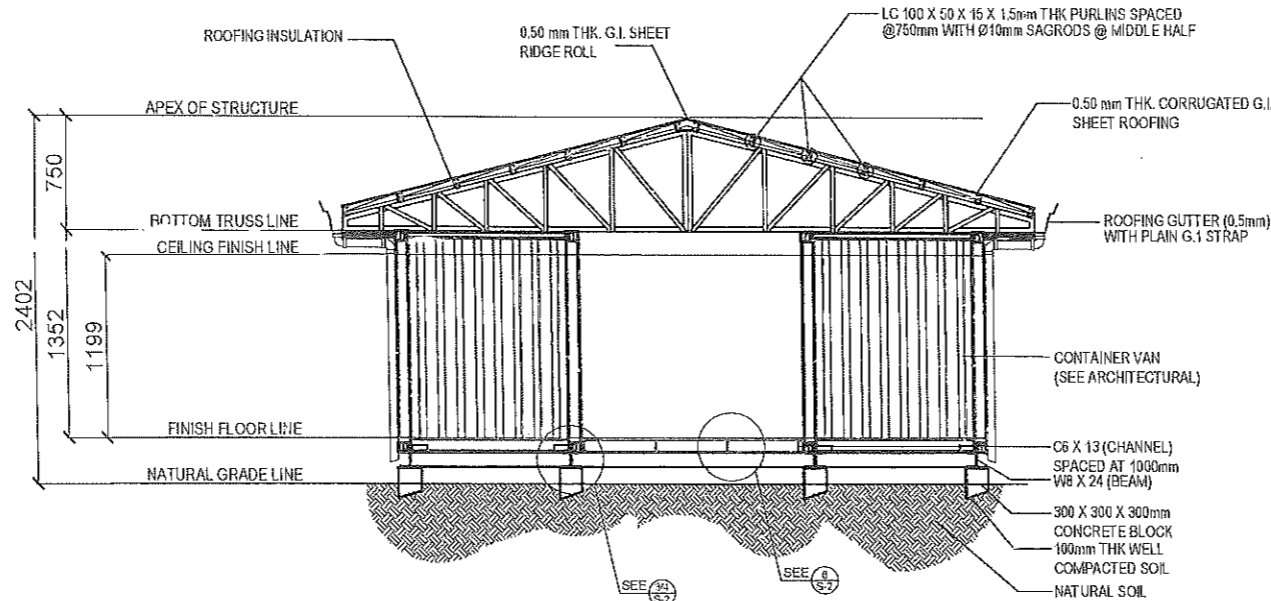
4 **DETAIL OF T-3**  
S-3 SCALE 1:50 M.



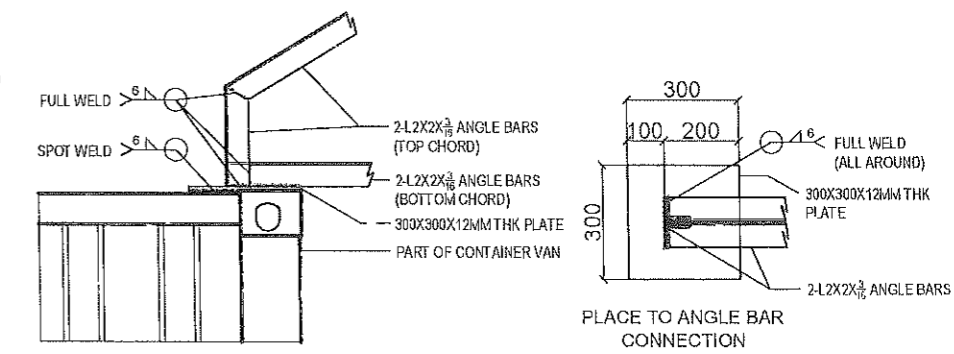
5 **DETAIL OF H-1**  
S-3 SCALE 1:50 M.



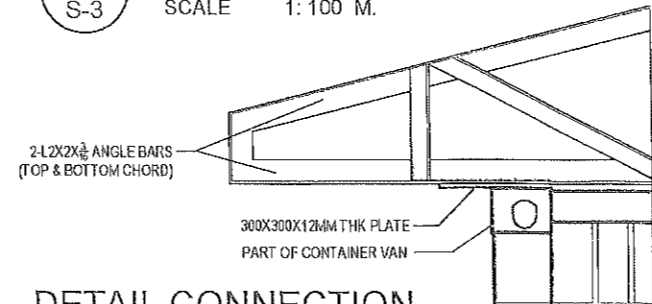
1 **ROOF FRAMING PLAN**  
S-1 SCALE 1:150 M.



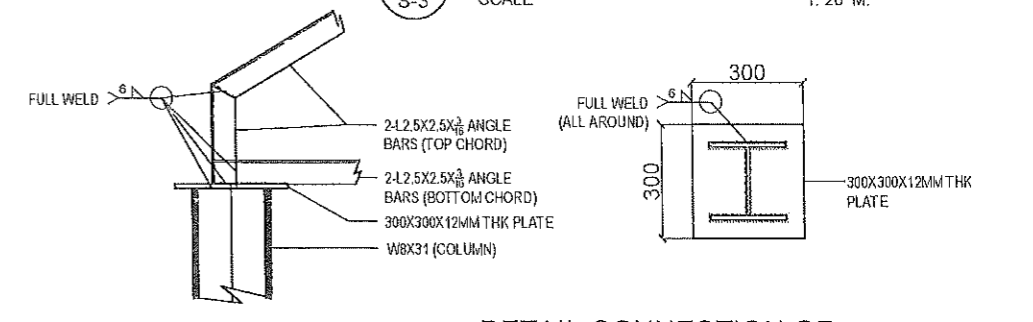
6 **ELEVATION**  
S-3 SCALE 1:100 M.



7 **DETAIL CONNECTION OF TRUSS TO CONTAINER VAN**  
S-3 SCALE 1:20 M.



9 **DETAIL CONNECTION**  
S-3 SCALE 1:20 M.

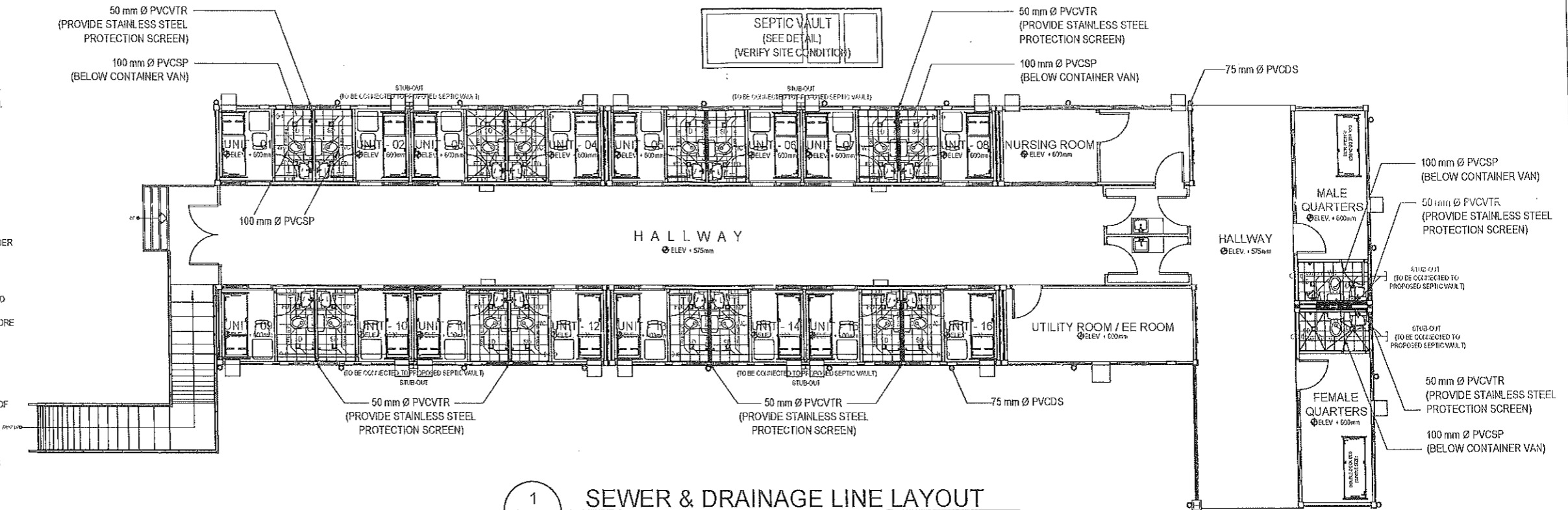


8 **DETAIL CONNECTION OF TRUSS TO W8 X 31 (COLUMN)**  
S-3 SCALE 1:20 M.

	FROM THE OFFICE OF:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	VERIFIED & SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)	<b>CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY</b> LOCATION: STA. CATALINA, LUBAO, PAMPANGA	PETER CRIS G. LAXA ENGINEER II	RUSSEL L. HERNANDEZ ASSISTANT DIVISION HEAD	WILFREDO A. MANALILI ASSISTANT PROVINCIAL ENGINEER	OLIMPIO M. PANGAN PROVINCIAL ENGINEER	HON. DENNIS G. PINEDA GOVERNOR BY THE ACTING DEPUTY OF THE GOVERNOR: ATTY. CHARME G. CHUA PROVINCIAL ADMINISTRATOR	AS SHOWN STRUCTURAL	7 7/12

# PLUMBING NOTES:

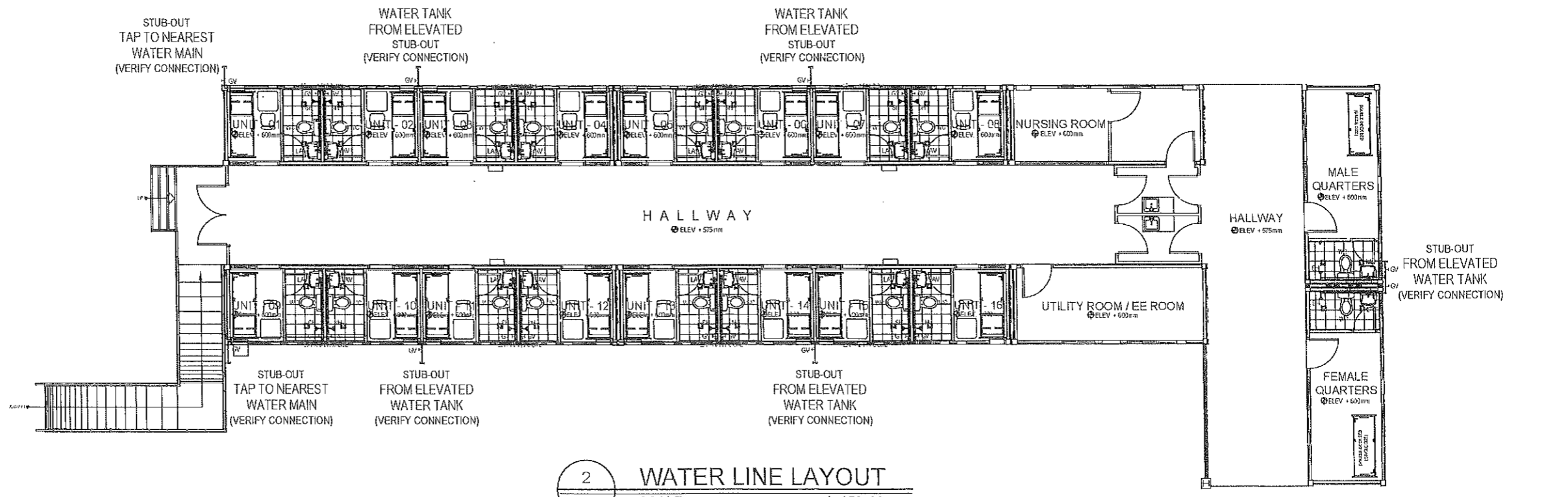
- GRADES OF HORIZONTAL PIPING  
RUN ALL HORIZONTAL PIPINGS IN PERFECT ALIGNMENT AND AT A FORM GRADE OF NOT LESS THAN TWO PERCENT (2%).
- CHANGE IN DIRECTION  
ALL CHANGE IN DIRECTION SHALL BE MADE BY APPROPRIATE USE OF FORTY FIVE DEGREES (45°) WYES, LONGSWEEP QUARTER BEND, SIX-EIGHT OR SIXTEENTH BENDS. WHEN THE CHANGE OF FLOW IS FROM HORIZONTAL TO VERTICAL, 1/8 BEND COMBINATION MAY BE USED ON VERTICAL STACKS AND SHORT QUARTER BENDS MAY BE USED ON WASTE LINE. TEE AND CROSSES MAY BE USED IN VENT PIPES.
- PROHIBITED FITTINGS  
NO DOUBLE HUB OR TEE BRANCH SHALL BE USED ON HORIZONTAL WASTE LINES. THE DRILLINGS AND TAPPINGS OF HOUSE DRAIN, WASTE OR VENT PIPES AND USE OF SADDLE HUB AND BEND ARE PROHIBITED.
- SLEEVES  
PROVIDE PIPE SLEEVES AT WALLS, COLUMNS OR SLABS ONE SIZE BIGGER THAN THE ACTUAL SIZE PIPE PASSING THROUGH THE WALLS, COLUMNS OR UNDER SLAB TO PROTECT PIPE FROM BREAKAGE.
- PIPE CLEAN-OUTS  
PIPE CLEAN-OUTS ARE REQUIRED UNDER THE FOLLOWING CONDITIONS:  
a. EVERY CHANGE IN HORIZONTAL LINE CONDITIONS EXCEEDING TWENTY-TWO AND ONE-HALF DEGREES (22 1/2°)  
b. ONE AND ONE-HALF METERS (1.50 m) INSIDE THE PROPERTY LINE BEFORE THE HOUSE DRAINAGE CONNECTION.  
c. EVERY FIFTEEN METERS (15.00 m) IN HORIZONTAL RUN OF PIPES.  
d. AT THE END OF ANY HORIZONTAL PIPE LINES.
- THE DIGESTION CHAMBER OF SEPTIC VAULT MUST BE WATERPROOFED.
- NOT LESS THAN 300 mm OF AIR SPACE MUST BE LEFT BETWEEN THE TOP OF THE SEWAGE AND THE UNDER PART OF THE VAULT ROOF SLAB.
- NO SEPTIC VAULT MUST BE CONSTRUCTED UNDER THE BUILDING.
- ALL PLUMBING WORKS SHALL BE DONE BY A LICENSED MASTER PLUMBER AND A LICENSED PLUMBING CONTRACTOR.



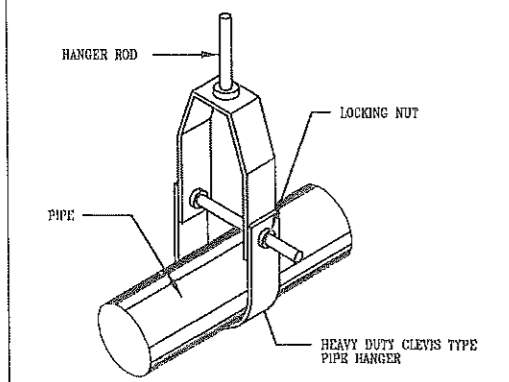
1 SEWER & DRAINAGE LINE LAYOUT  
P-1 SCALE 1:150 M.

# PLUMBING LEGEND:

CO	CLEAN OUT	SD	SHOWER DRAIN
FD	FLOOR DRAIN	SH	SHOWER HEAD
FAU	FAUCET	WC	WATER CLOSET
GV	GATE VALVE	URI	URINAL
MH	MANHOLE		
PPRC CWL	POLYPROPYLENE RANDOM COPOLYMER COLD WATER LINE, TYPE 3, PN 20 (EN ISO 15874 / JOINTED BY FUSION WELDING)		
PPRC CWD	POLYPROPYLENE RANDOM COPOLYMER COLD DOWNFEED, TYPE 3, PN 20 (EN ISO 15874 / JOINTED BY FUSION WELDING)		
PVCSP	POLYVINYL CHLORIDE SOIL PIPE (SERIES 1000) (ASTM D2728 / ASTM D3311, ISO 4435 / ASTM D2564)		
PVCVP	POLYVINYL CHLORIDE VENT PIPE (SERIES 600) (ASTM D2728 / ASTM D3311, ISO 4435 / ASTM D2564)		
PVCVTR	POLYVINYL CHLORIDE VENT THROUGH ROOF (SERIES 600) (ASTM D2728 / ASTM D3311, ISO 4435 / ASTM D2564)		



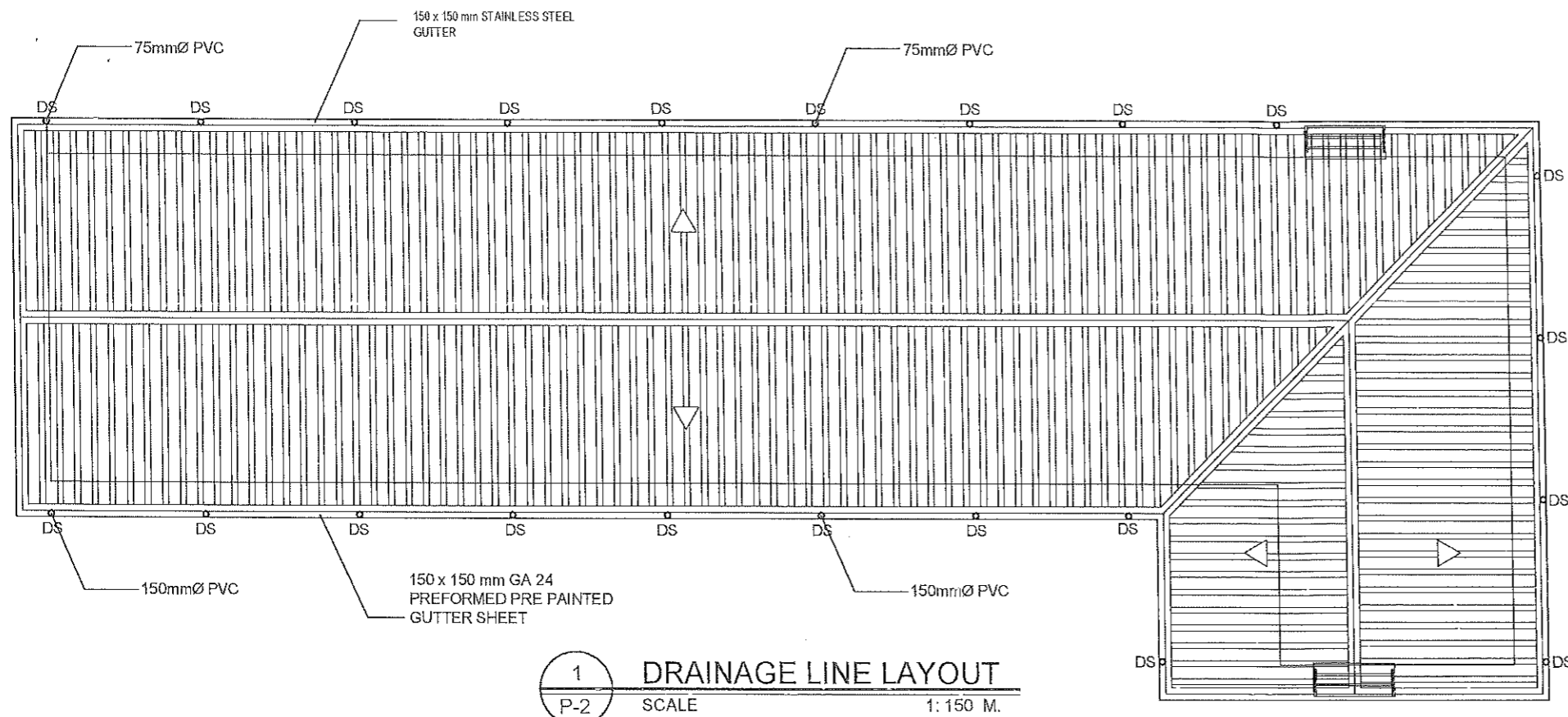
2 WATER LINE LAYOUT  
P-1 SCALE 1:150 M.



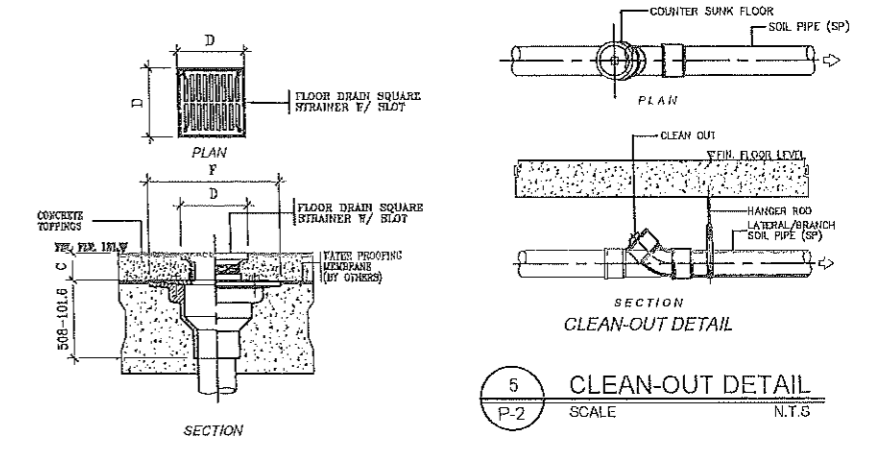
3 PIPE HANGER DETAIL  
P-1 SCALE N.T.S.

	FROM THE OFFICE OF:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	VERIFIED & SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)	CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY LOCATION: STA. CATALINA, LUBAO, PAMPANGA	PETER CRIS G. AXA ENGINEER II	RUSSEL L. HERNANDEZ CONSTRUCTION DIVISION HEAD	WILFREDO A. MANALILI ASSISTANT PROVINCIAL ENGINEER	OLIMPIO M. PANGAN PROVINCIAL ENGINEER	HON. DENNIS G. PINEDA GOVERNOR BY THE SENIORITY OF THE GOVERNOR: ATY. CHARLIE G. CHUA PROVINCIAL ADMINISTRATOR	AS SHOWN PLUMBING	8 8/12





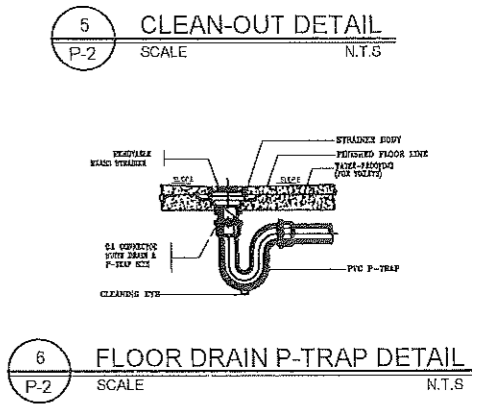
1 DRAINAGE LINE LAYOUT  
SCALE 1:150 M.



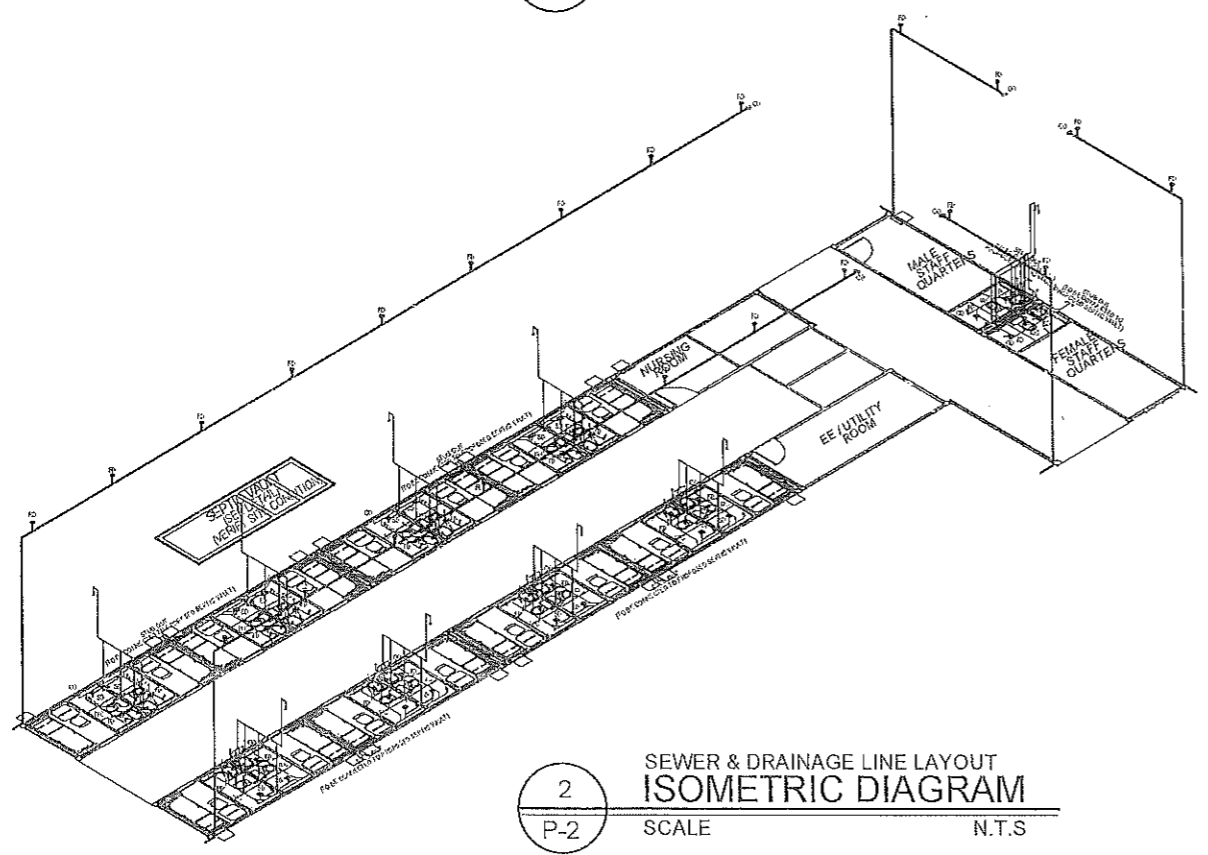
4 FLOOR DRAIN DETAIL  
SCALE N.T.S.

SCHEDULE OF DIMENSIONS

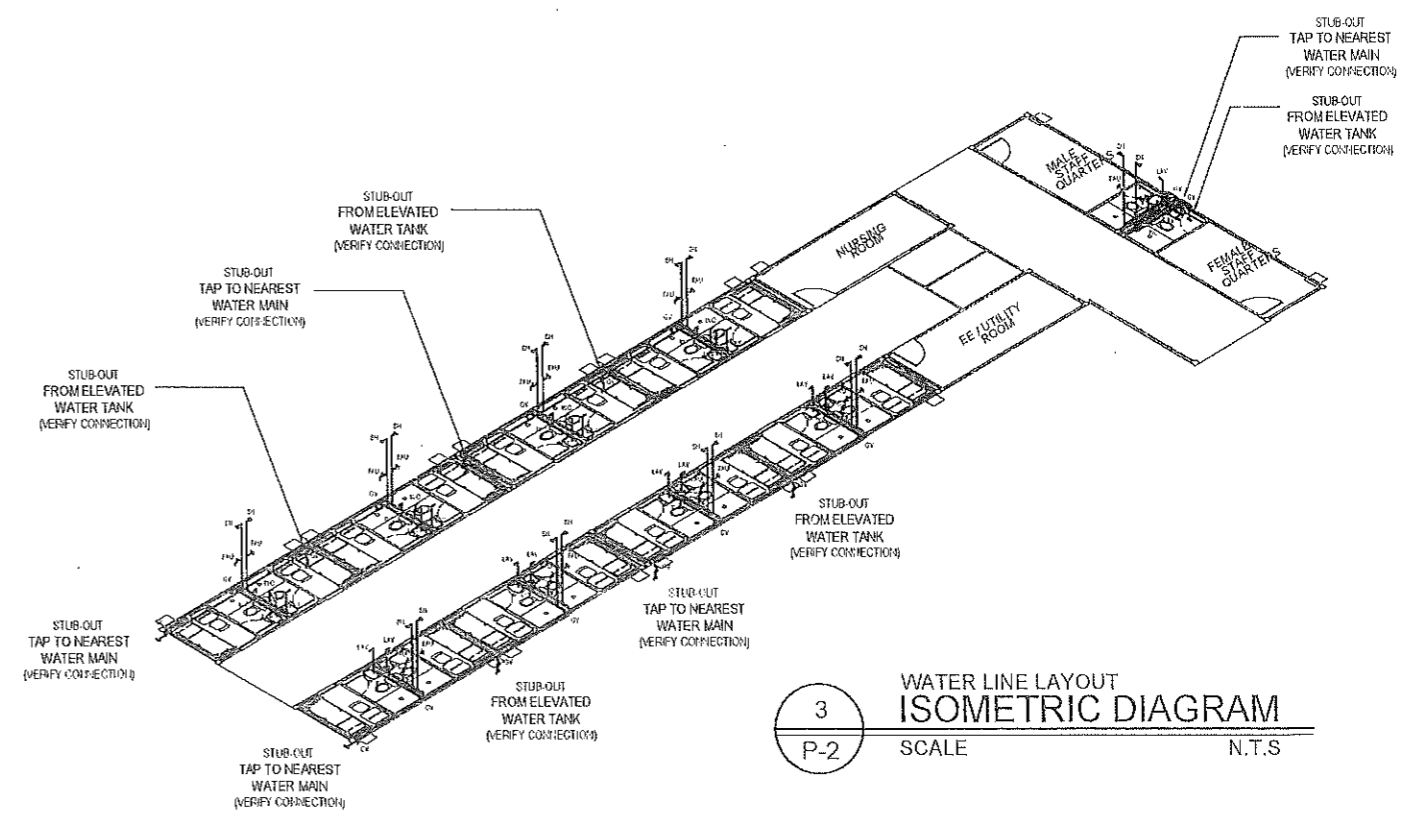
PIPE SIZE IN "A"	D	D	F
50	28.10	100X100	225.42
75	38.10	125X125	225.42
100	48.00	150X150	225.42
150	60.00	200X200	225.42



5 CLEAN-OUT DETAIL SCALE N.T.S.  
6 FLOOR DRAIN P-TRAP DETAIL SCALE N.T.S.



2 SEWER & DRAINAGE LINE LAYOUT ISOMETRIC DIAGRAM  
SCALE N.T.S.



3 WATER LINE LAYOUT ISOMETRIC DIAGRAM  
SCALE N.T.S.

	FROM THE OFFICE OF:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	VERIFIED & SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)	<b>CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY</b> LOCATION: STA. CATALINA, LUBAO, PAMPANGA	PETER CRIS G. LAXA ENGINEER II	RUSSEL I. HERNANDEZ CONSULTING ENGINEER IN CHARGE	WILFREDO A. MANALILI ASSISTANT PROVINCIAL ENGINEER	OLIMPIO M. PANGAN PROVINCIAL ENGINEER	HON. DENNIS G. PINEDA GOVERNOR BY THE AUTHORITY OF THE GOVERNOR: ATTY. CHARUE G. CHUA PROVINCIAL ADMINISTRATOR	AS SHOWN PLUMBING	9 9/12

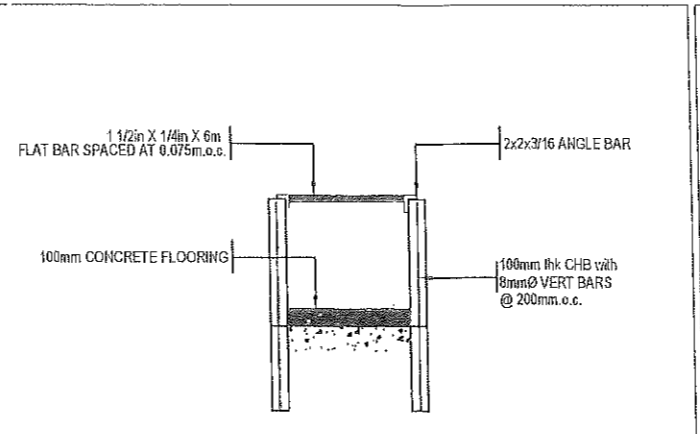
**PLUMBING NOTES:**

- GRADES OF HORIZONTAL PIPING  
RUN ALL HORIZONTAL PIPINGS IN PERFECT ALIGNMENT AND AT A FORM GRADE OF NOT LESS THAN TWO PERCENT (2%).
- CHANGE IN DIRECTION  
ALL CHANGE IN DIRECTION SHALL BE MADE BY APPROPRIATE USE OF FORTY FIVE DEGREES (45°) WYES, LONGSWEEP QUARTER BEND, SIX-EIGHT OR SIXTEENTH BENDS. WHEN THE CHANGE OF FLOW IS FROM HORIZONTAL TO VERTICAL, 1/8 BEND COMBINATION MAY BE USED ON VERTICAL STACKS AND SHORT QUARTER BENDS MAY BE USED ON WASTE LINE. TEE AND CROSSES MAY BE USED IN VENT PIPES.
- PROHIBITED FITTINGS  
NO DOUBLE HUB OR TEE BRANCH SHALL BE USED ON HORIZONTAL WASTE LINES. THE DRILLINGS AND TAPPINGS OF HOUSE DRAIN, WASTE OR VENT PIPES AND USE OF SADDLE HUB AND BEND ARE PROHIBITED.
- SLEEVES  
PROVIDE PIPE SLEEVES AT WALLS, COLUMNS OR SLABS ONE SIZE BIGGER THAN THE ACTUAL SIZE PASSING THROUGH THE WALLS, COLUMNS OR UNDER SLAB TO PROTECT PIPE FROM BREAKAGE.
- PIPE CLEAN OUTS  
PIPE CLEAN OUTS ARE REQUIRED UNDER THE FOLLOWING CONDITIONS:  
a. EVERY CHANGE IN HORIZONTAL DIRECTIONS EXCEEDING TWENTY-TWO AND ONE-HALF DEGREES (22 1/2°).  
b. ONE AND ONE-HALF METERS (1.50 m) INSIDE THE PROPERTY LINE BEFORE THE HOUSE DRAINAGE CONNECTION.  
c. EVERY FIFTEEN METERS (15.00 m) IN HORIZONTAL RUN OF PIPES.  
d. AT THE END OF ANY HORIZONTAL PIPE LINES.
- THE DIGESTION CHAMBER OF SEPTIC VAULT MUST BE WATERPROOFED.
- NOT LESS THAN 300 mm OF AIR SPACE MUST BE LEFT BETWEEN THE TOP OF THE SEWAGE AND THE UNDER PART OF THE VAULT ROOF SLAB.
- NO SEPTIC VAULT MUST BE CONSTRUCTED UNDER THE BUILDING.
- ALL PLUMBING WORKS SHALL BE DONE BY A LICENSED MASTER PLUMBER AND A LICENSED PLUMBING CONTRACTOR.

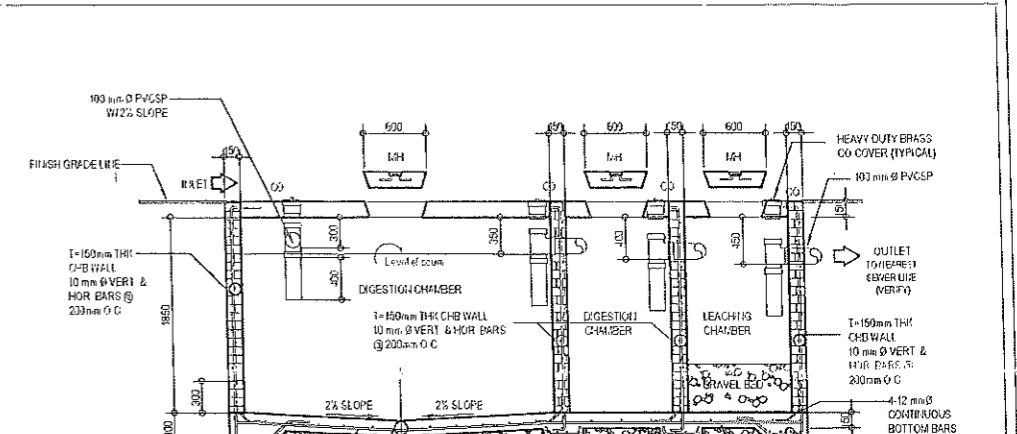
**PLUMBING LEGEND:**

- |          |  |
|----------|--|
| CO       | CLEAN OUT  |
| FD       | FLOOR DRAIN  |
| FAU      | FAUCET   |
| GV       | GATE VALVE   |
| MH       | MANHOLE  |
| PPRC CWL | POLYPROPYLENE RANDOM COPOLYMER COLD WATER LINE, TYPE 3, PN 20 (EN ISO 15874 / JOINTED BY FUSION WELDING) |
| PPRC CWD | POLYPROPYLENE RANDOM COPOLYMER COLD DOWNFEED, TYPE 3, PN 20 (EN ISO 15874 / JOINTED BY FUSION WELDING)   |
| PVCSP    | POLYVINYL CHLORIDE SOIL PIPE (SERIES 1000) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)              |
| PVCVP    | POLYVINYL CHLORIDE VENT PIPE (SERIES 600) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)               |
| PVCVTR   | POLYVINYL CHLORIDE VENT THROUGH ROOF (SERIES 600) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)       |
| SD       | SHOWER DRAIN   |
| SH       | SHOWER HEAD  |
| WC       | WATER CLOSET   |

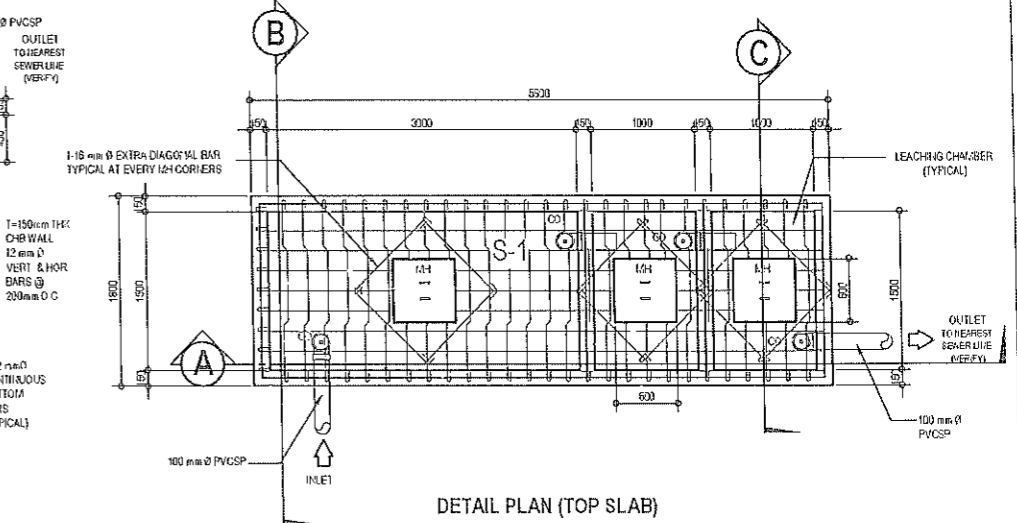
**2** **DETAIL OF PERIMETER CANAL**  
SCALE N.T.S.



**3** **DETAIL OF SEPTIC VAULT WITH REINFORCING BARS**  
SCALE N.T.S.

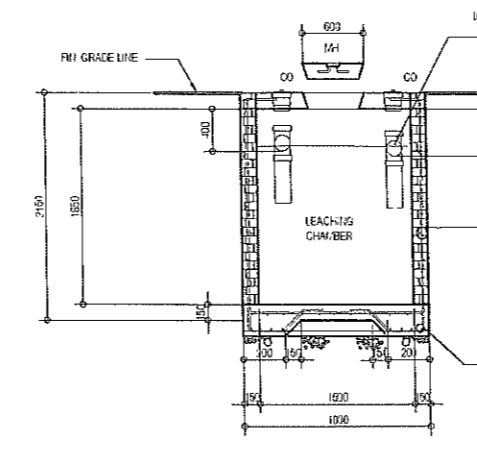


**DETAIL SECTION A**

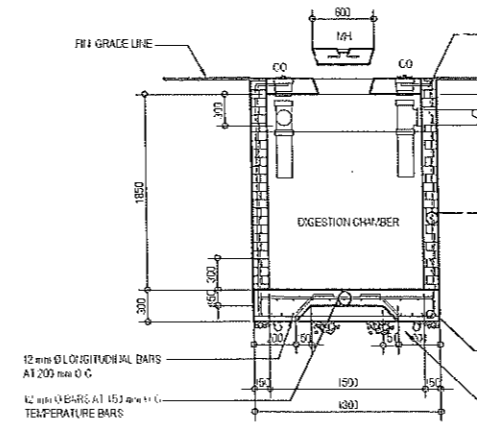


**DETAIL PLAN (TOP SLAB)**

**DETAIL SECTION C**



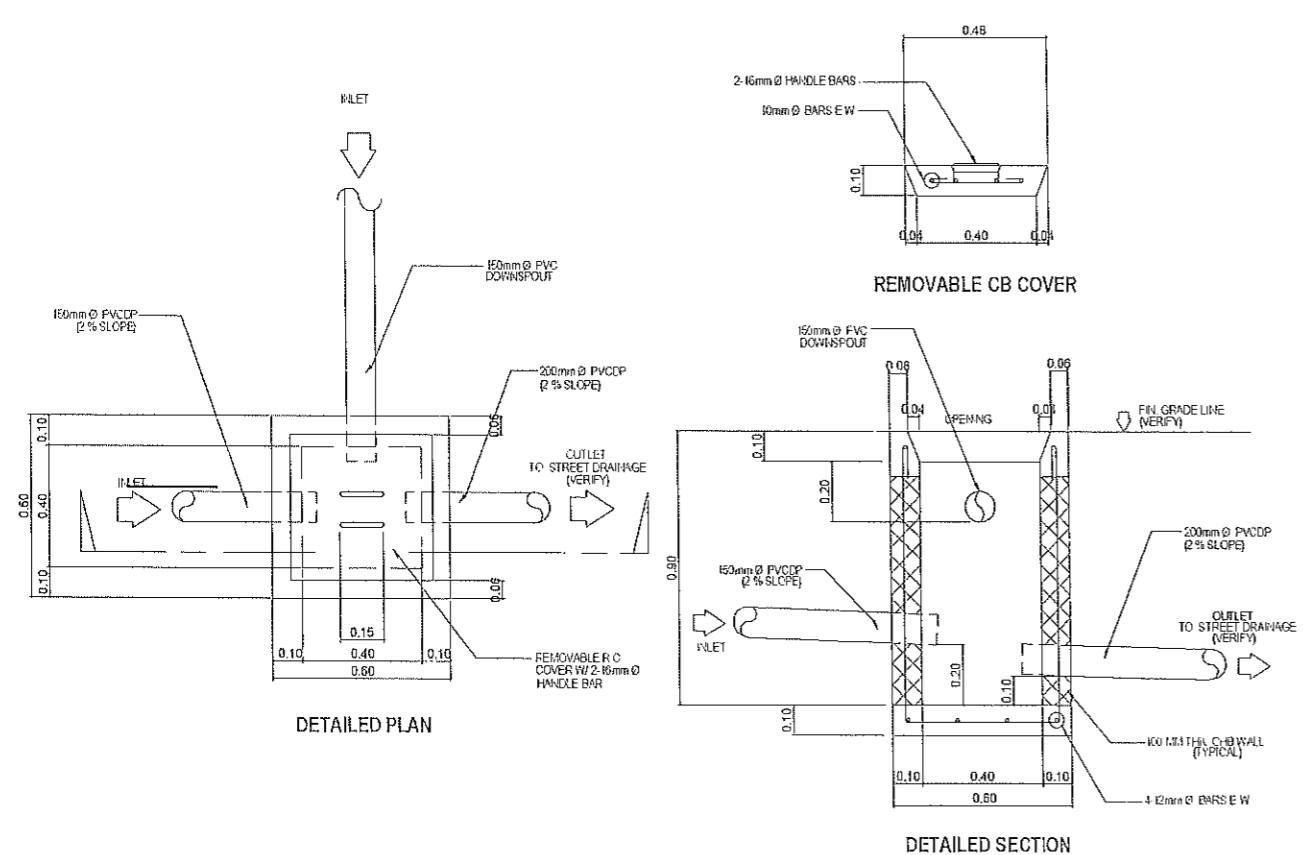
**DETAIL SECTION B**



**SCHEDULE OF TOP/BOTTOM SLAB REINFORCEMENT**

MARK	THICKNESS	TOP SLAB	
		PARALLEL TO SHORT SPAN	PARALLEL TO LONG SPAN
S-1	125+TOPPING	12 mm Ø BARS @ 250 mm O. C. BENT-UP 2 OUT OF 3 @ L/4 FROM FACE OF SUPPORT AND 12mmØ BARS @ 180mmO.C. ADDITIONAL TOP BARS CUT-OFF@L/4 OF SUPPORT.	12 mm Ø BARS @ 200 mm O. C. TEMPERATURE BARS
MARK	THICKNESS	BOTTOM SLAB	
		SHORT DIRECTION	PARALLEL TO LONG SPAN
SEE DETAIL SECTION A	150+TOPPING +WP	12 mm Ø BARS @ 200 mm O. C. BOTTOM BARS	12 mm Ø BARS @ 200 mm O. C. BOTTOM BARS

**1** **DETAIL OF CATCH BASIN**  
SCALE 1:10 MTS



**3** **DETAIL OF SEPTIC VAULT WITH REINFORCING BARS**  
SCALE N.T.S.

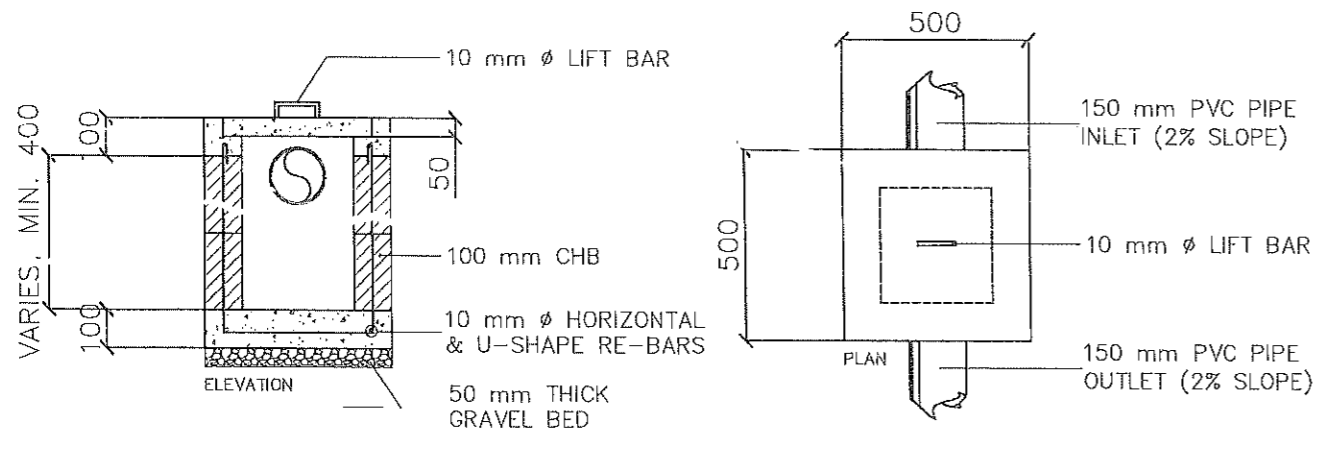
	FROM THE OFFICE OF:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	VERIFIED & SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)	CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY LOCATION: STA. CATALINA, LUBAO, PAMPANGA	PETER CRIS G. LAXA ENGINEER II	RUSSEL L. HERNANDEZ CONTRACTOR/DESIGNER/HEAD	FREDO A. MANATILI ASSISTANT PROVINCIAL ENGINEER	OLIMPIO M. PANGAN PROVINCIAL ENGINEER	HON. DENNIS G. PINEDA GOVERNOR BY THE AUTHORITY OF THE GOVERNOR: ATTY. CHARLIE G. CHUA PROVINCIAL ADMINISTRATOR	AS SHOWN PLUMBING	10 10/12

**PLUMBING NOTES:**

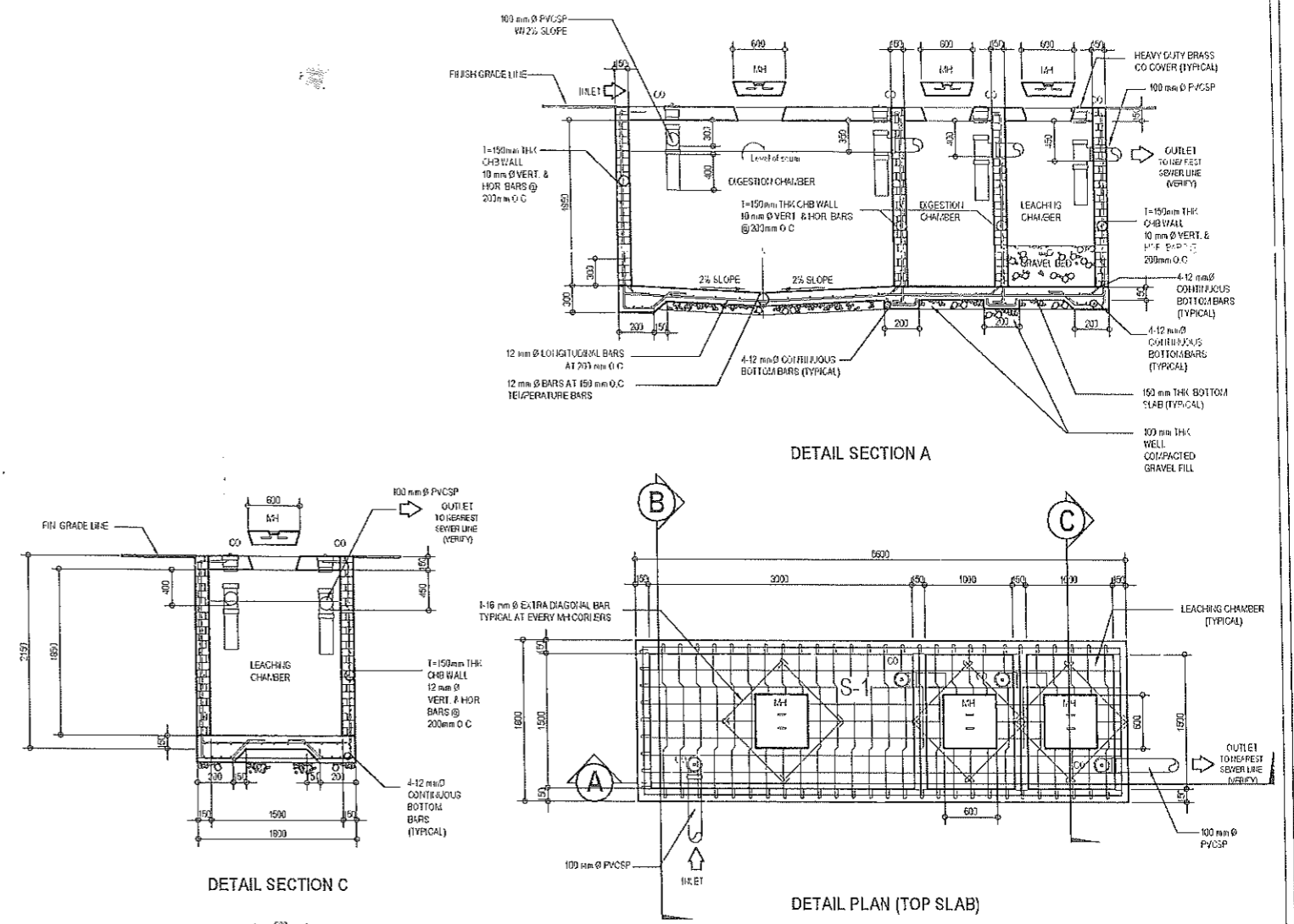
- GRADES OF HORIZONTAL PIPING  
RUN ALL HORIZONTAL PIPINGS IN PERFECT ALIGNMENT AND AT A FORM GRADE OF NOT LESS THAN TWO PERCENT (2%).
- CHANGE IN DIRECTION  
ALL CHANGE IN DIRECTION SHALL BE MADE BY APPROPRIATE USE OF FORTY FIVE DEGREES (45°) WYES, LONGSWEEP QUARTER BEND, SIX-EIGHT OR SIXTEENTH BENDS. WHEN THE CHANGE OF FLOW IS FROM HORIZONTAL TO VERTICAL, 1/8 BEND COMBINATION MAYBE USED ON VERTICAL STACKS AND SHORT QUARTER BENDS MAYBE USED ON WASTE LINE. TEE AND CROSSES MAYBE USED IN VENT PIPES.
- PROHIBITED FITTINGS  
NO DOUBLE HUB OR TEE BRANCH SHALL BE USED ON HORIZONTAL WASTE LINES. THE DRILLINGS AND TAPPINGS OF HOUSE DRAIN, WASTE OR VENT PIPES AND USE OF SADDLE HUB AND BEND ARE PROHIBITED.
- SLEEVES  
PROVIDE PIPE SLEEVES AT WALLS, COLUMNS OR SLABS (ONE SIZE BIGGER THAN THE ACTUAL SIZE PASSING THROUGH THE WALLS, COLUMNS OR UNDER SLAB TO PROTECT PIPE FROM BREAKAGE.
- PIPE CLEAN-OUTS  
PIPE CLEAN-OUTS ARE REQUIRED UNDER THE FOLLOWING CONDITIONS:  
a. EVERY CHANGE IN HORIZONTAL DIRECTIONS EXCEEDING TWENTY-TWO AND ONE-HALF DEGREES (22 1/2°).  
b. ONE AND ONE-HALF METERS (1.50 m) INSIDE THE PROPERTY LINE BEFORE THE HOUSE DRAINAGE CONNECTION.  
c. EVERY FIFTEEN METERS (15.00 m) IN HORIZONTAL RUN OF PIPES.  
d. AT THE END OF ANY HORIZONTAL PIPE LINES.
- THE DIGESTION CHAMBER OF SEPTIC VAULT MUST BE WATERPROOFED.
- NOT LESS THAN 300 mm OF AIR SPACE MUST BE LEFT BETWEEN THE TOP OF THE SEWAGE AND THE UNDER PART OF THE VAULT ROOF SLAB.
- NO SEPTIC VAULT MUST BE CONSTRUCTED UNDER THE BUILDING.
- ALL PLUMBING WORKS SHALL BE DONE BY A LICENSED MASTER PLUMBER AND A LICENSED PLUMBING CONTRACTOR.

**PLUMBING LEGEND:**

CO	CLEAN OUT
FD	FLOOR DRAIN
FAU	FAUCET
GV	GATE VALVE
MH	MANHOLE
PPRC CWL	POLYPROPYLENE RANDOM COPOLYMER COLD WATER LINE, TYPE 3, PN 20 (EN ISO 15874 / JOINTED BY FUSION WELDING)
PPRC CWD	POLYPROPYLENE RANDOM COPOLYMER COLD DOWNFEED, TYPE 3, PN 20 (EN ISO 15874 / JOINTED BY FUSION WELDING)
PVCSP	POLYVINYL CHLORIDE SOIL PIPE (SERIES 1000) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)
PVCVP	POLYVINYL CHLORIDE VENT PIPE (SERIES 600) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)
PVCVTR	POLYVINYL CHLORIDE VENT THROUGH ROOF (SERIES 600) (ASTM D2729 / ASTM D3311, ISO 4435 / ASTM D2564)
SD	SHOWER DRAIN
SH	SHOWER HEAD
WC	WATER CLOSET



**1**  
P-2  
**DETAIL OF CATCH BASIN**  
SCALE 1:20 MTS



**3**  
P-2  
**DETAIL OF SEPTIC VAULT WITH REINFORCING BARS**  
SCALE N.T.S

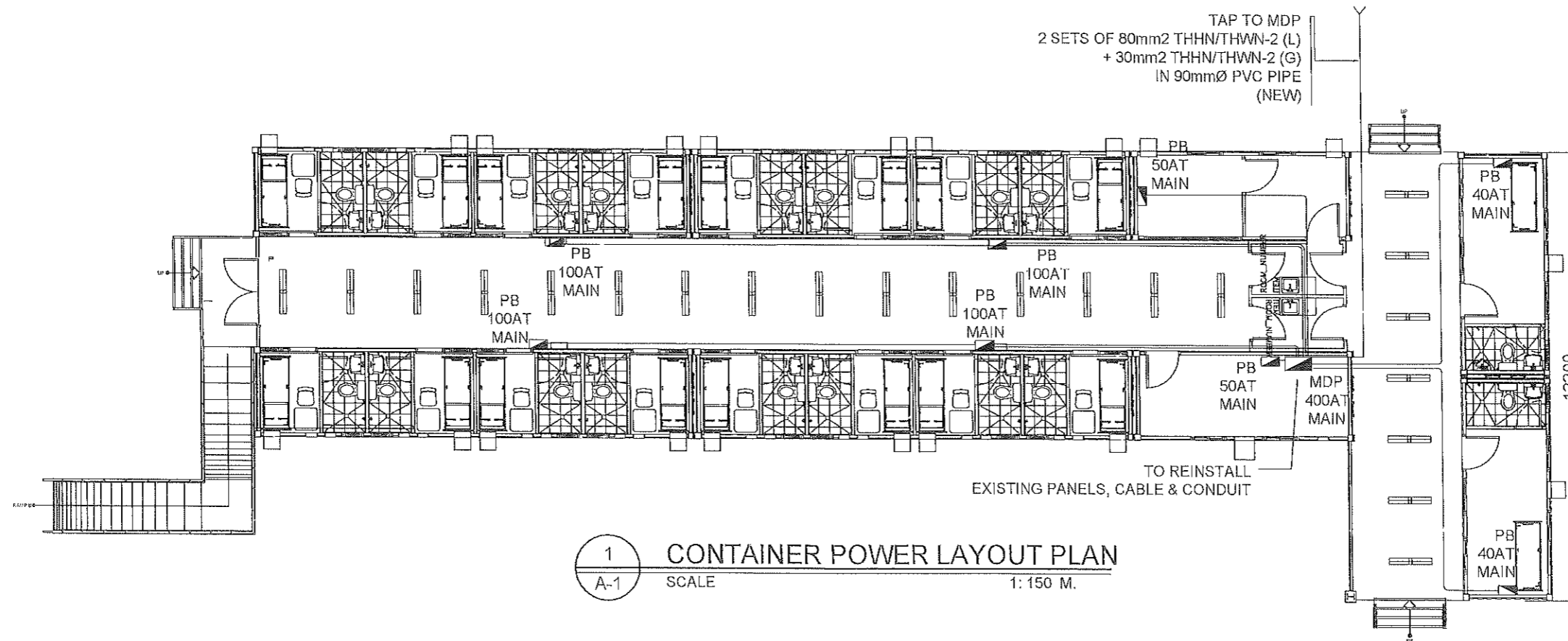
SCHEDULE OF TOP/BOTTOM SLAB REINFORCEMENT			
MARK	THICKNESS	TOP SLAB	
		PARALLEL TO SHORT SPAN	PARALLEL TO LONG SPAN
S-1	125+TOPPING	12 mm Ø BARS @ 250 mm O. C. BENT-UP 2 OUT OF 3 @ L4 FROM FACE OF SUPPORT AND 12mmØ BARS @ 180mmO.C ADDITIONAL TOP BARS CUT-OFF@ L4 OF SUPPORT.	12 mm Ø BARS @ 200 mm O. C. TEMPERATURE BARS
MARK	THICKNESS	BOTTOM SLAB	
		SHORT DIRECTION	PARALLEL TO LONG SPAN
SEE DETAIL SECTION A	150+TOPPING +WP	12 mm Ø BARS @ 200 mm O. C. BOTTOM BARS	12 mm Ø BARS @ 200 mm O. C. BOTTOM BARS

<p>FROM THE OFFICE OF: REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)</p>	<p>PROJECT TITLE: <b>CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY</b></p>	<p>PREPARED BY:  <b>PETER CRIS C. LAXA</b> ENGINEER II</p>	<p>CHECKED BY:  <b>RUSSELL L. HERNANDEZ</b> CONSTRUCTION DIVISION HEAD</p>	<p>VERIFIED &amp; SUBMITTED BY:  <b>WILFREDO A. MANALILI</b> ASSISTANT PROVINCIAL ENGINEER</p>	<p>RECOMMENDING APPROVAL:  <b>OLIMPIO M. PANGAN</b> PROVINCIAL ENGINEER</p>	<p>APPROVED BY:  <b>HON. DENNIS G. PINEDA</b> GOVERNOR BY THE AUTHORITY OF HIS SUPERIOR <b>ATTY. CHARLIE G. CHUA</b> PROVINCIAL ADMINISTRATOR</p>	<p>SHEET CONTENTS: AS SHOWN</p>	<p>SHEET NO.: 11 11/12</p>
	<p>LOCATION: STA. CATALINA, LUBAO, PAMPANGA</p>							

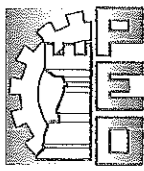
**GENERAL ELECTRICAL NOTES:**

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 POWER AND TELEPHONE COMPANIES. THE ELECTRICAL WORKS SHALL BE UNDER THE IMMEDIATE SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
2. SERVICE FROM THE ELECTRIC POWER COMPANY SHALL BE 230V, 3PHASE, 60HZ ALL INSTALLATIONS SHALL BE CONCEALED FROM VIEW BY INSTALLING CONDUCTORS IN PVC CONDUIT. POWER AND LIGHTING DISTRIBUTION EMBEDDED IN CONCRETE SHALL BE IN PVC CONDUITS. EXPOSED POWER AND LIGHTING DISTRIBUTION SHALL BE IN RSC CONDUITS, BY MEANS OF HANGERS
3. ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED THE MINIMUM SIZE FOR POWER AND LIGHTING SHALL BE 3.5 sqmm WIRE
4. THE CONTRACTOR SHALL VERIFY AND ORIENT THE ACTUAL LOCATION OF SERVICE ENTRANCE FOR CONNECTION TO THE POWER SUPPLY.
5. ALL RECEPTACLES SHALL BE OF THE GROUNDING TYPE.
6. ALL SERVICE ENTRANCE EQUIPMENT, SWITCHES, PANELBOARDS, LIGHTING FIXTURES AND ALL NON-CURRENT CARRYING METAL PARTS BE PROPERLY GROUNDED IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE. ALL PANELBOARDS SHALL BE PROVIDED WITH GROUNDING BUS.

7. CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE AND OF THE THERMAL-MAGNETIC TYPE, COMMON TRIP WITH THE RATINGS AND NUMBER OF POLES AS INDICATED IN THE DRAWINGS.
8. THE MOUNTING HEIGHTS OF WIRING DEVICES SHALL BE AS FOLLOWS:
  - A) LIGHT SWITCHES . . . . . 1.3M ABOVE FLOOR FINISH TO BOTTOM SWITCH.
  - B) CONVENIENCE OUTLETS . . . . . 0.35M ABOVE FLOOR FINISH TO BOTTOM C.O.
  - C) TELEPHONE OUTLETS . . . . . 0.35M ABOVE FLOOR FINISH TO BOTTOM T.O..
  - D) PANELBOARDS & CABINETS . . . . 1.8M ABOVE FLOOR FINISH AT TOP OF PANEL
9. ALL MOUNTING HEIGHTS SHALL BE SUBJECT TO ARCHITECTS APPROVAL PRIOR TO INSTALLATION.
10. WHENEVER NECESSARY PULL BOXES SHALL BE PROVIDED EVEN IF NOT INDICATED IN THE PLANS.
11. ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A DULY QUALIFIED LICENSED ELECTRICAL ENGINEER.
12. PROVIDE LIGHTNING ELECTRODE AND ARRESTER TO GROUND.
13. ALL LIGHTING FIXTURES , DEVICES, AUXILIARY, DATA SHALL REINSTALL ACCORDINGLY.



**1**  
A-1 **CONTAINER POWER LAYOUT PLAN**  
SCALE 1: 150 M.

	FROM THE OFFICE OF:	PROJECT TITLE:	PREPARED BY:	CHECKED BY:	VERIFIED & SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.:
	REPUBLIC OF THE PHILIPPINES PROVINCE OF PAMPANGA <b>PROVINCIAL ENGINEER'S OFFICE</b> CAPITOL COMPOUND, CITY OF SAN FERNANDO, (P)	CONSTRUCTION/RELOCATION OF EXISTING ISOLATION FACILITY LOCATION: STA. CATALINA, LUBAO, PAMPANGA	MICHAEL T. MONTEMAYOR ELECTRICAL ENGINEER III	RUSSELL L. HERNANDEZ CONSTRUCTION DIVISION HEAD	WILFREDO A. MANALI ASSISTANT PROVINCIAL ENGINEER	OLIMPIO M. PANGAN PROVINCIAL ENGINEER	HON. DENNIS G. PINEDA GOVERNOR BY THE AUTHORITY OF THE GOVERNOR: ATTY. CHARLIE G. CHUA PROVINCIAL ADMINISTRATOR	AS SHOWN	12
								ELECTRICAL	12/12