SECTION V

SPECIAL CONDITIONS OF CONTRACT

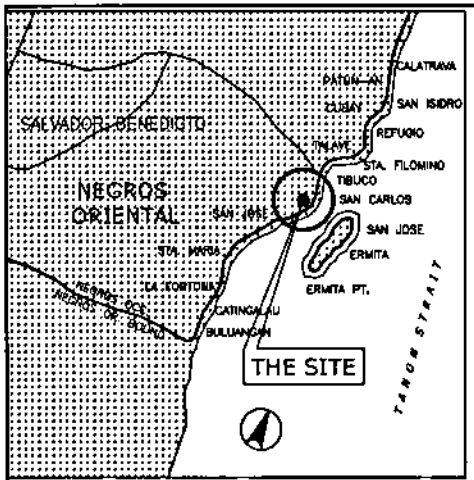
SECTION VII

DRAWINGS AND APPROVED PLANS

(SEE ISSUED APPROVED PLANS)

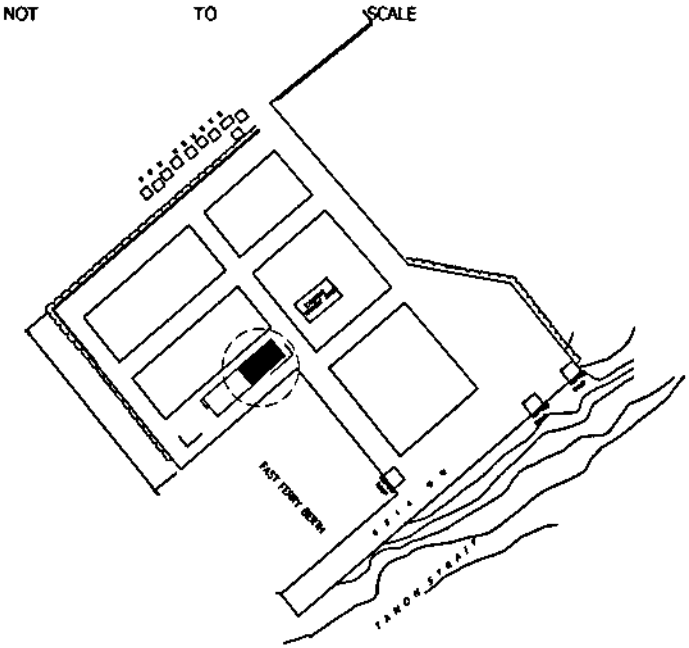
LIST OF DRAWINGS:

A	-	Site Development Plan
A1 of 10	-	Existing Floor Plan
A2 of 10	-	Proposed Floor Plan
A3 of 10	-	Elevations
A4 of 10	-	Doors & Windows Details
A5 of 10	-	Doors & Windows Details
A6 of 10	-	Sections Thru X-X, Y-Y
A7 of 10	-	Interior Details
A8 of 10	-	Signage Details
A9 of 10	-	Concrete Canopy Logo Detail
A10 of 10	-	Ballistic & Terminal Fee Room Bus-Body Elevation
E	-	Site Development Plan, Location Plan Service Entrance
E1 of 7	-	Ceiling Lights Outlet Plan
E2 of 7	-	Convenience Outlet Plan
E3 of 7	-	Fire Detection Alarm System Plan, Power Service Entrance Layout
E4 of 7	-	Outdoor Air-Cooled Condensing Unit Layout Plan
E5 of 7	-	Schedule of Load for Panel Board 1, Single Line Diagram
E6 of 7	-	Schedule of Load for Panel Board 2, Single Line Diagram
E7 of 7	-	Condensate Drainpipe Detail
P1 of 6	-	Toilets Detail Plan
P2 of 6	-	PWD Toilet Detail Plan
P3 of 6	-	Section Thru "C" and "D"
P4 of 6	-	Waterline and Water Drain Layout Plan
P5 of 6	-	Sanitary Layout Plan, Water Drain-Waterline-Sanitary Isometric Plans
P6 of 6	-	Septic Vault Details
S1 of 10	-	Foundation Plan
S2 of 10	-	Bar Details for Tie-Beam
S3 of 10	-	Bar Details for Roof Beam, Roof Framing Plan
S4 of 10	-	Sag Rod and Purlin Connection Detail, Truss 01 Detail
S5 of 10	-	Reflected Ceiling Plan, Ceiling Connection Detail
S6 of 10	-	Detail of Lintel beam @ Open Wall, Roof Gutter Detail
S7 of 10	-	Ramp 1 Detail
S8 of 10	-	Ramp 2 Detail, Access Ramo Detail, Ramp 2 Elevations
S9 of 10	-	Plant Box Location Plan and Detail
S10 of 10	-	Aluminum Composite Panel Detail



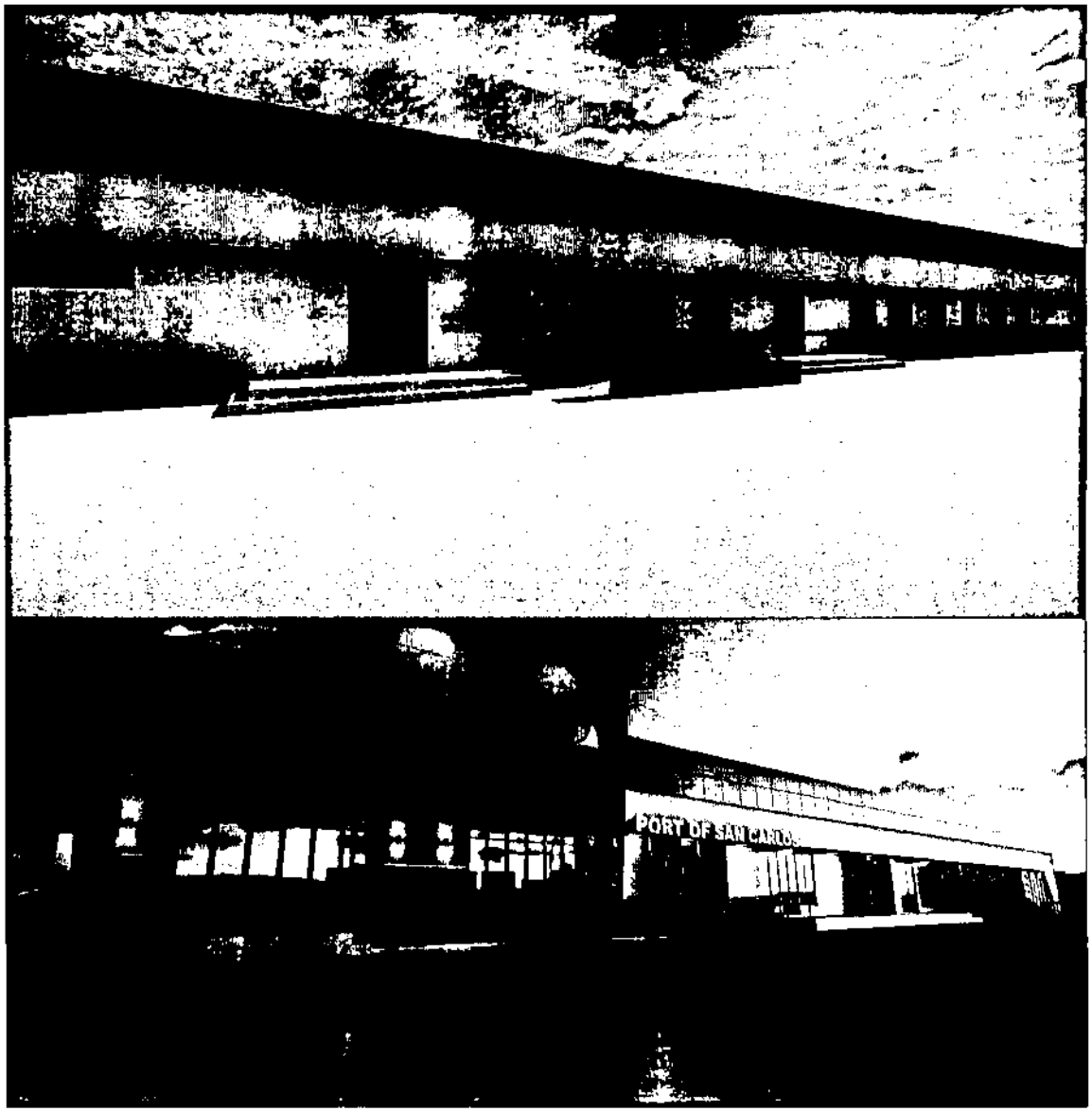
VICINITY MAP

NOT TO SCALE



SITE DEVELOPMENT PLAN

NOT TO SCALE

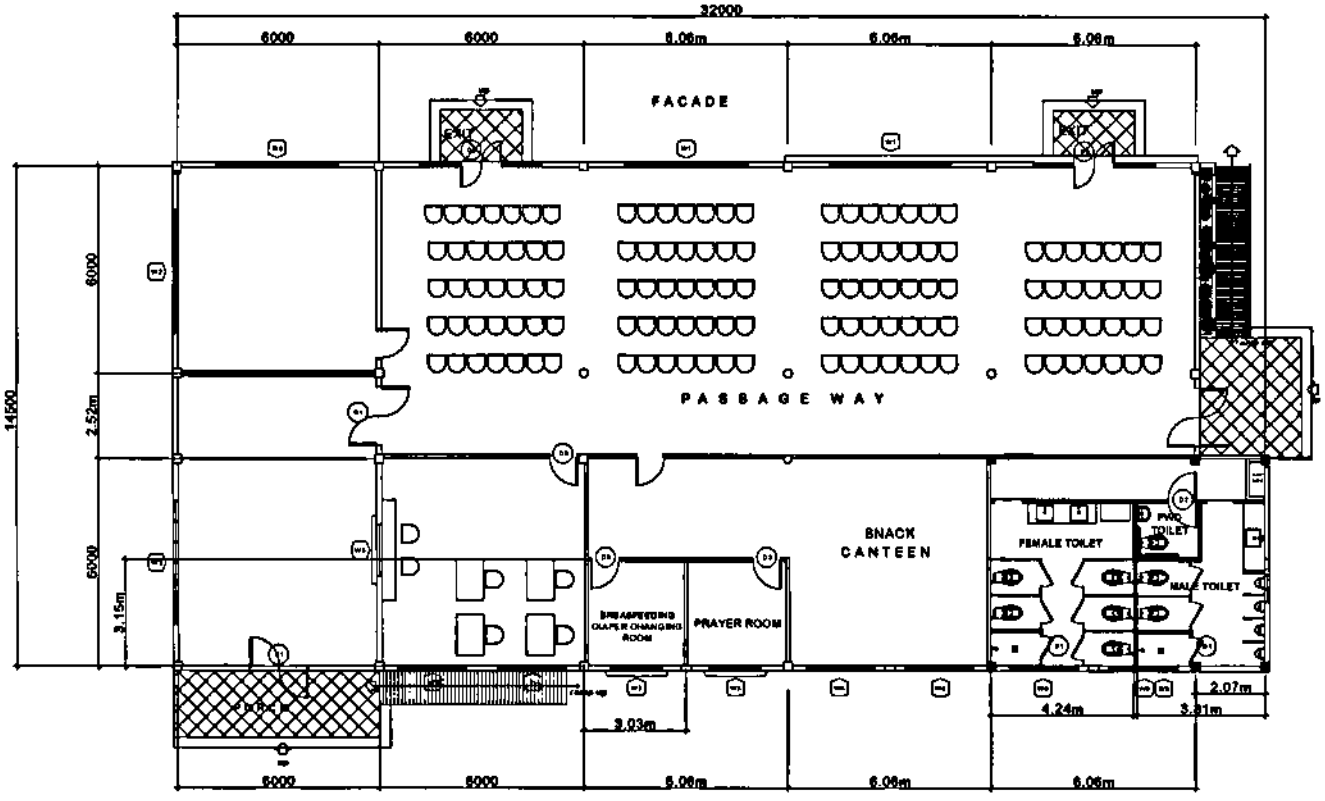


PERSPECTIVE DRAWING

A 00

NDTS

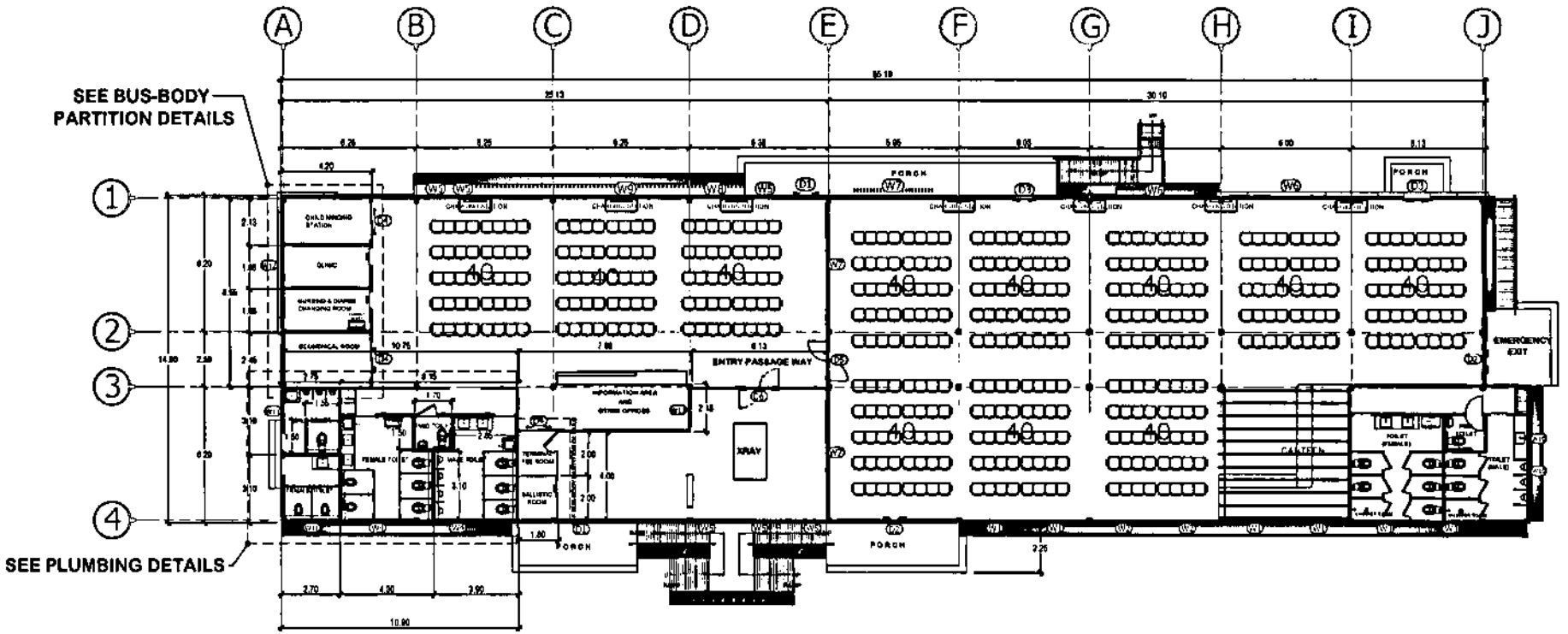
PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY:	PREPARED BY: JUNRA ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting ESD Manager	APPROVED BY: ENGR. RODEL G. LAGMIAY, Acting Port Manager	SHEET NUMBER: A; PAGE NUMBER: C P
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				



EXISTING FLOOR PLAN

SCALE 1:150

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: INGGE NOVENSO, DRAFTSMAN II	PREPARED BY: JUVRA J. ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting E&D Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:			SHEET NUMBER: A; PAGE NUMBER: 1 | 10



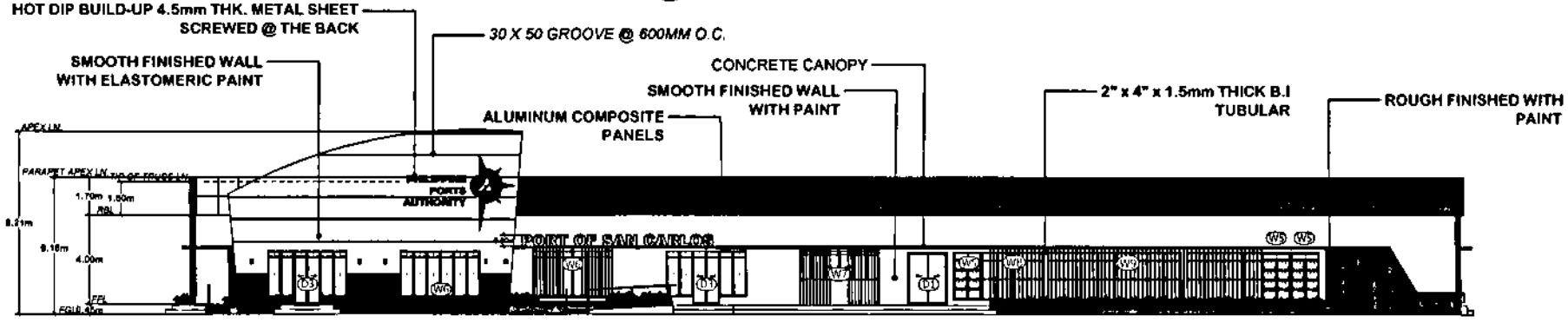
PROPOSED FLOOR PLAN

A-01 SCALE 1:200

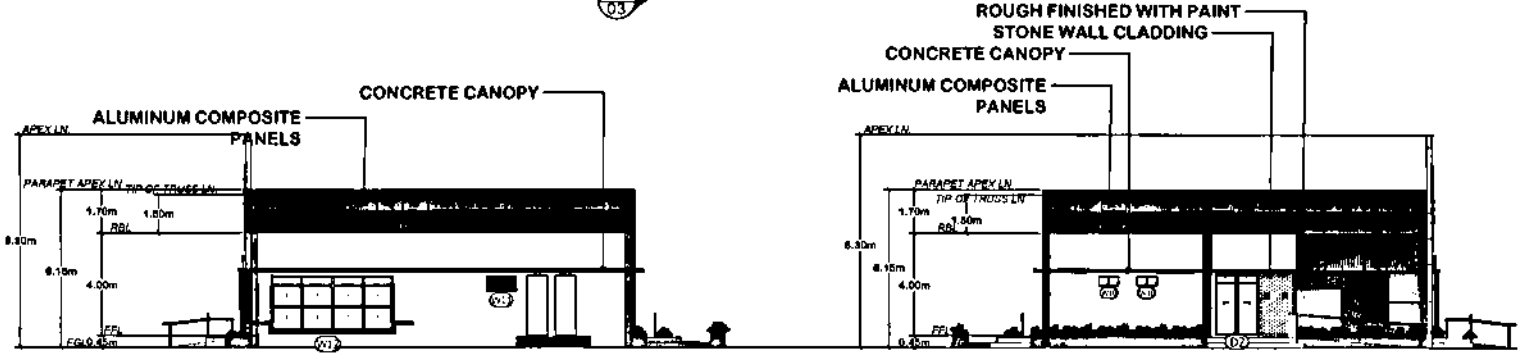
PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY	PREPARED BY: JAIRA ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting E&D Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: A
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER: 2 | 10



FRONT ELEVATION (REAR)
A/02 SCALE 1:200



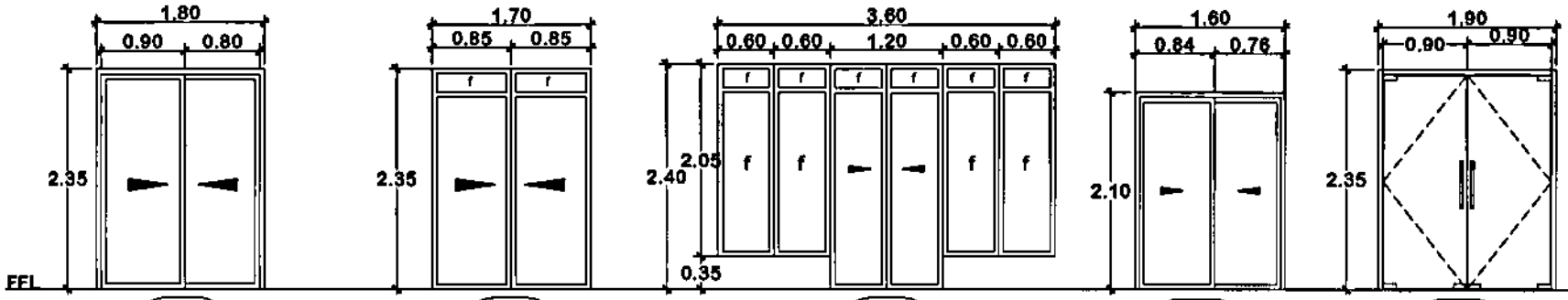
REAR ELEVATION (FRONT)
A/03 SCALE 1:200



LEFT ELEVATION
A/04 SCALE 1:200

RIGHT ELEVATION
A/05 SCALE 1:200

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: INDRA, NEIL ISO, DRAFTSMAN I	PREPARED BY: JAIRA I. ROSARIO, Supervising Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting EBD Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:			SHEET NUMBER: A / PAGE NUMBER: 3 | 10



D1

ALUMINUM DOOR-POWDER COATED FIN W/ 6.35MM THK. REFLECTIVE GLASS SLIDING GLASS DOOR
LOCATION: ENTRANCE
SET: 2 SETS

D2

ALUMINUM DOOR-POWDER COATED FIN W/ 6.35MM THK. REFLECTIVE GLASS SLIDING GLASS DOOR
LOCATION: ENTRANCE & EMERGENCY EXIT
SET: 1 SET

D3

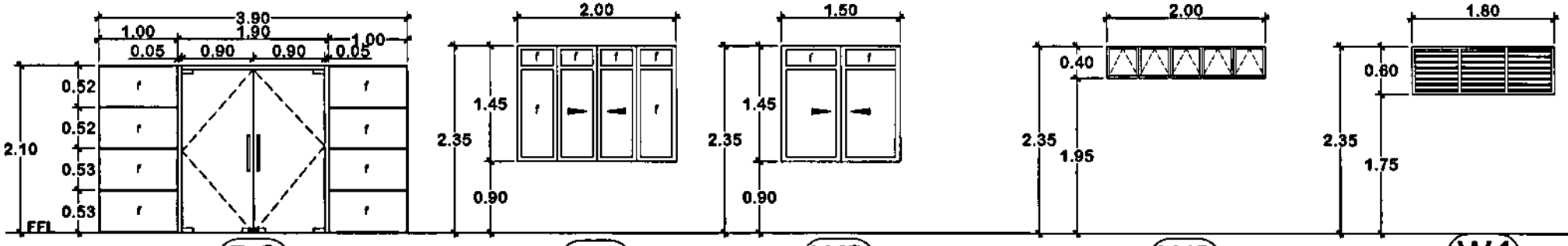
ALUMINUM DOOR-POWDER COATED FIN W/ 6.35MM THK. REFLECTIVE GLASS SLIDING GLASS DOOR
LOCATION: ENTRANCE
SET: 2 SETS

D4

ALUMINUM DOOR-POWDER COATED FIN W/ 6.35MM THK. REFLECTIVE GLASS SLIDING GLASS DOOR
LOCATION: ECUMENICAL ROOM, CHILD MINDING STATION & INFORMATION AREA
SET: 3 SETS

D5

GLASS DOOR
LOCATION: PASSENGER AREA
SET: 1 SET



D6

GLASS DOOR
LOCATION: PASSENGER AREA
SET: 1 SET

W1

SLIDING- FIXED GLASS WINDOW
LOCATION: ENTRANCE, TERMINAL FEE ROOM
SET: 5 SETS

W2

SLIDING- FIXED GLASS WINDOW
LOCATION: ENTRANCE
SET: 2 SETS

W3

AWNING GLASS WINDOW
LOCATION: EXISTING TOILETS SET: 2 SETS

W4

JALOUSIE WINDOW
LOCATION: TOILETS
SET: 2 SETS

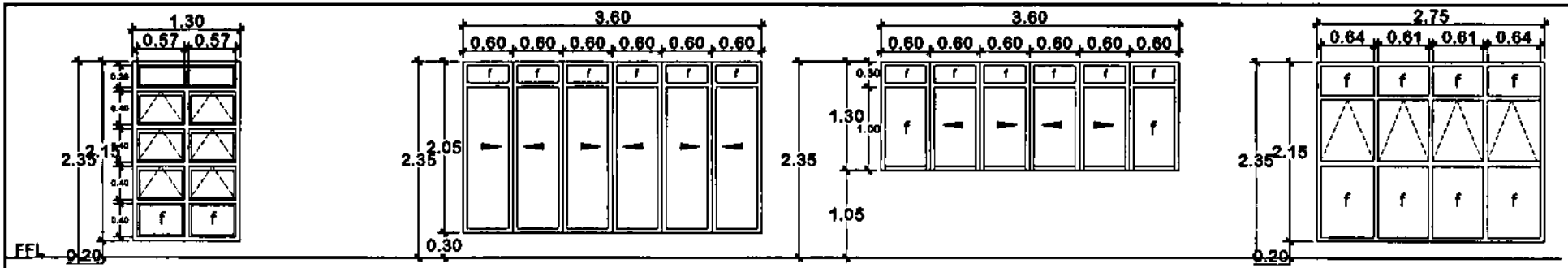
DOORS & WINDOWS DETAILS

A 06

SCALE 1: 50

PHILIPPINE PORTS AUTHORITY

PROJECT TITLE	ACAD BY	PREPARED BY	CHECKED / SUBMITTED BY	APPROVED BY	SHEET NUMBER
IMPROVEMENT OF PTB		JAIRA ROSARIO, Engineer A	RACHEL R. ARCEO, Acting E&O Manager	ENGR. RODEL G. LAGMAY, Acting Proj. Manager	A
LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER 4 | 10



W5

AWNING - FIXED WINDOW
LOCATION: PASSENGER AREA (FRONT & REAR ENTRANCE)
SET: 6 SETS

W6

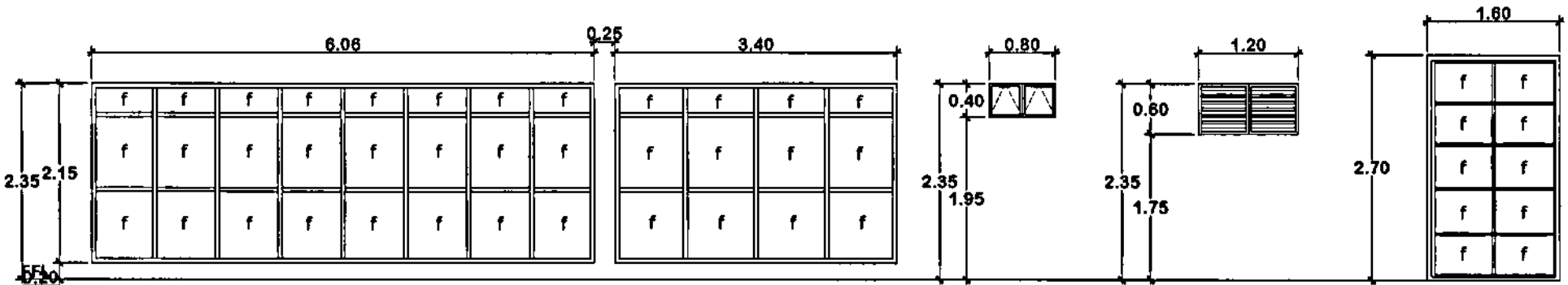
SLIDING - FIXED WINDOW
LOCATION: PASSENGER AREA (REAR ENTRANCE)
SET: 2 SETS

W7

SLIDING - FIXED WINDOW
LOCATION: PASSENGER AREA, PORCH (REAR ENTRANCE)
SET: 1 SETS

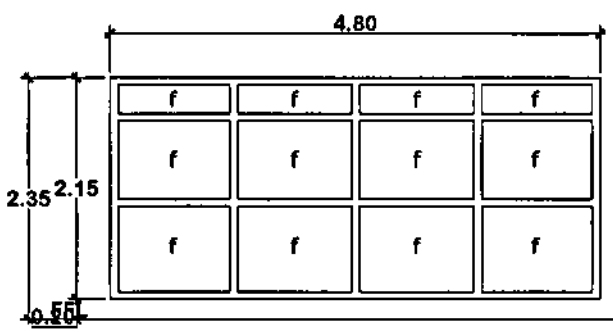
W8

AWNING - FIXED WINDOW
LOCATION: PASSENGER AREA (REAR ENTRANCE)
SET: 1 SET



W9

FIXED WINDOW
LOCATION: PASSENGER AREA (REAR ENTRANCE)
SET: 1 SET



W10

AWNING GLASS WINDOW
LOCATION: EXISTING TOILETS
SET: 2 SETS

W11

JALOUSIE WINDOW
LOCATION: TOILETS
SET: 2 SETS

W13

FIXED WINDOW
LOCATION: PASSENGER AREA
SET: 1 SET

W12

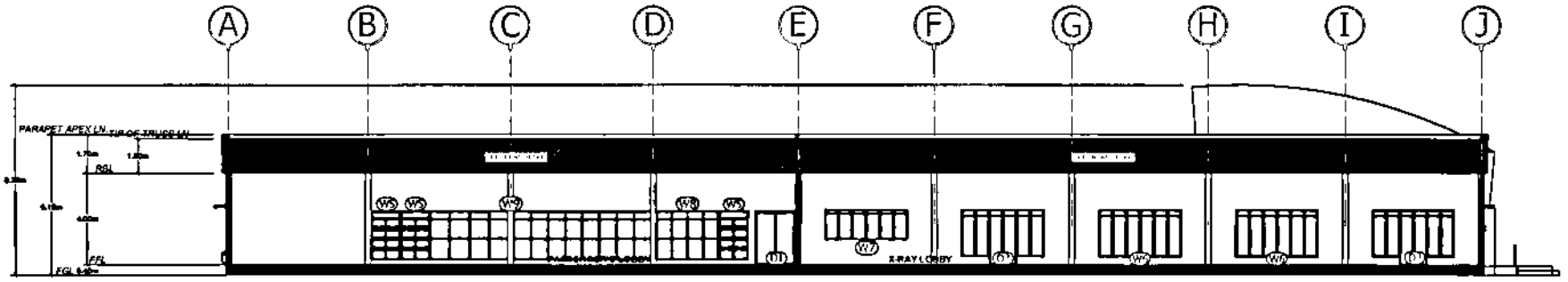
FIXED WINDOW
LOCATION: PASSENGER AREA (LEFT ELEV.)
SET: 1 SET

DOORS & WINDOWS DETAILS

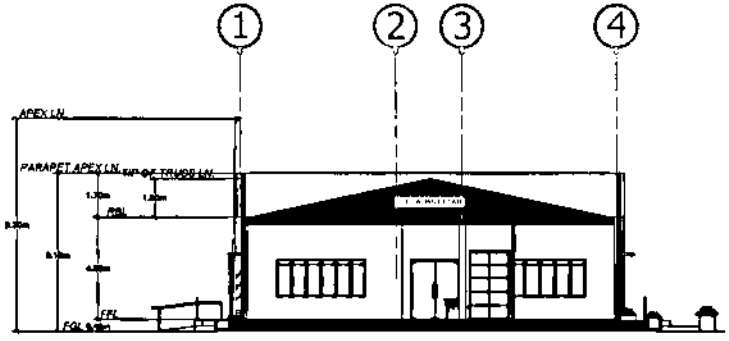
A 07

SCALE 1: 50

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC	ACAD BY DATE:	PREPARED BY: JAIRA J. ROSARIO Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO Acting ESD Manager	APPROVED BY ENGR. RODEL G. LAGMAY Acting Proj. Manager	SHEET NUMBER: A PAGE NUMBER: 5 | 10



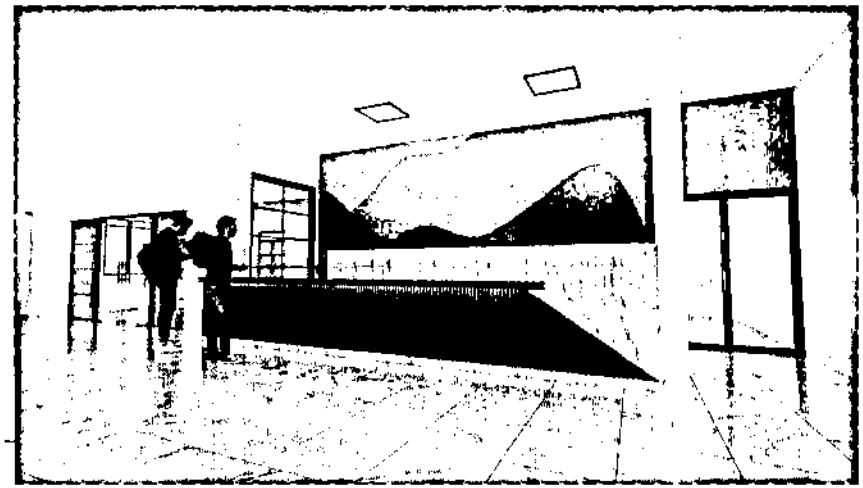
SECTION THRU X-X
A/08 SCALE 1:200



SECTION THRU Y-Y
A/09 SCALE 1:200

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: [illegible]	PREPARED BY: JAIRA ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting ESD Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: A
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER: 6 | 10





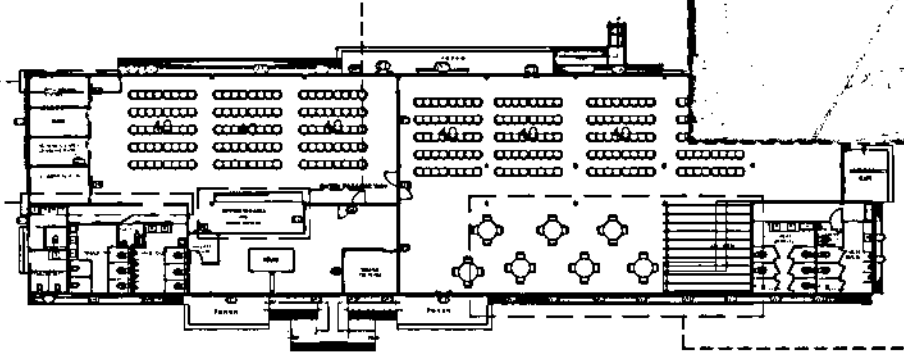


INTERIOR DETAILS

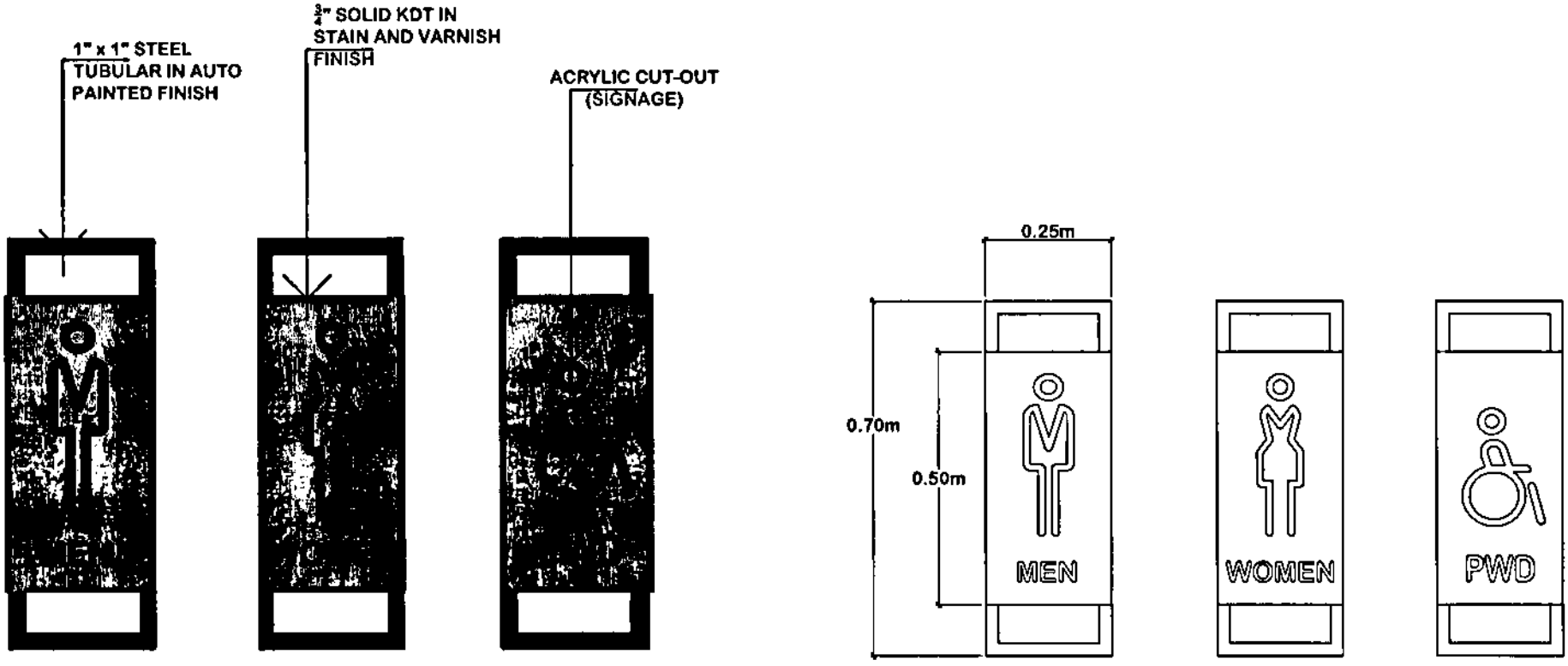
A/10

NDTS





PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY:	PREPARED BY: JAIRA ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting ESD Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: A
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER: 7 / 10

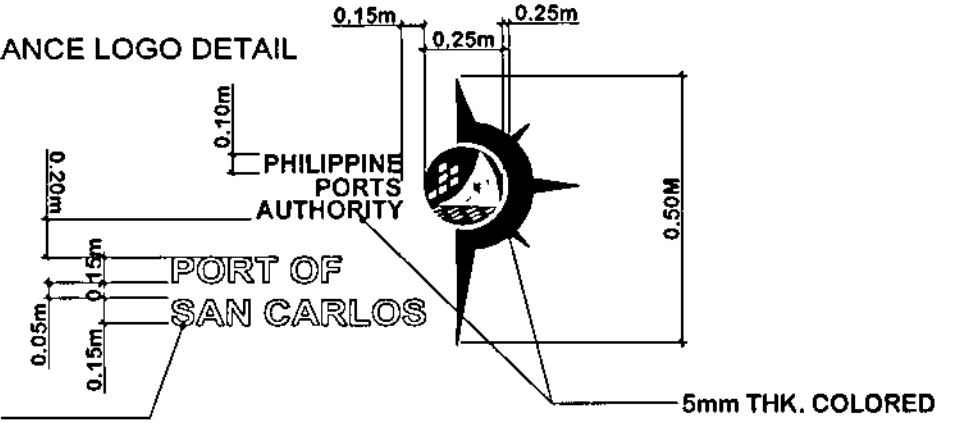


SIGNAGES DETAILS

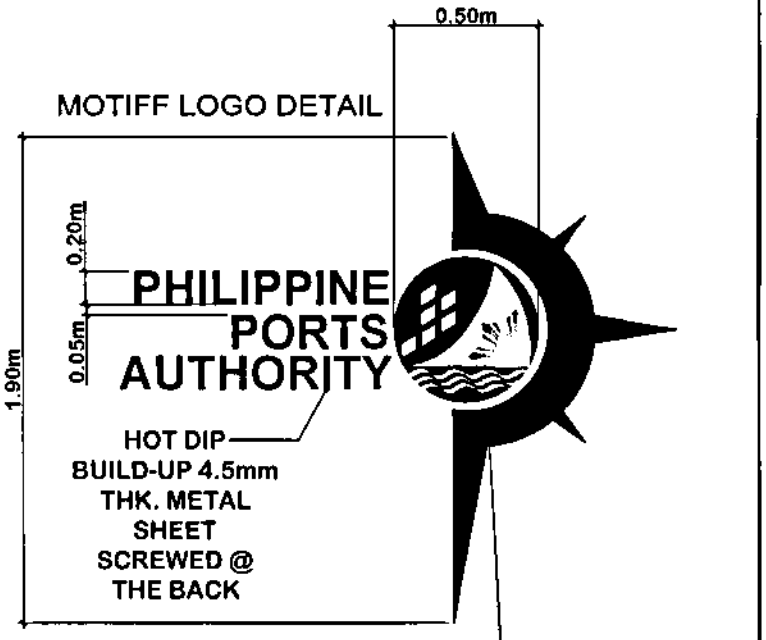
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PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	AGAD BY: [illegible]	PREPARED BY: JAIRA L. ROSARIO, Engineer A	CHECKED/RECOMMENDED BY: RICHEL R. ARCEO, Acting ESD Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: A PAGE NUMBER: 8 | 10

ENTRANCE LOGO DETAIL



MOTIFF LOGO DETAIL



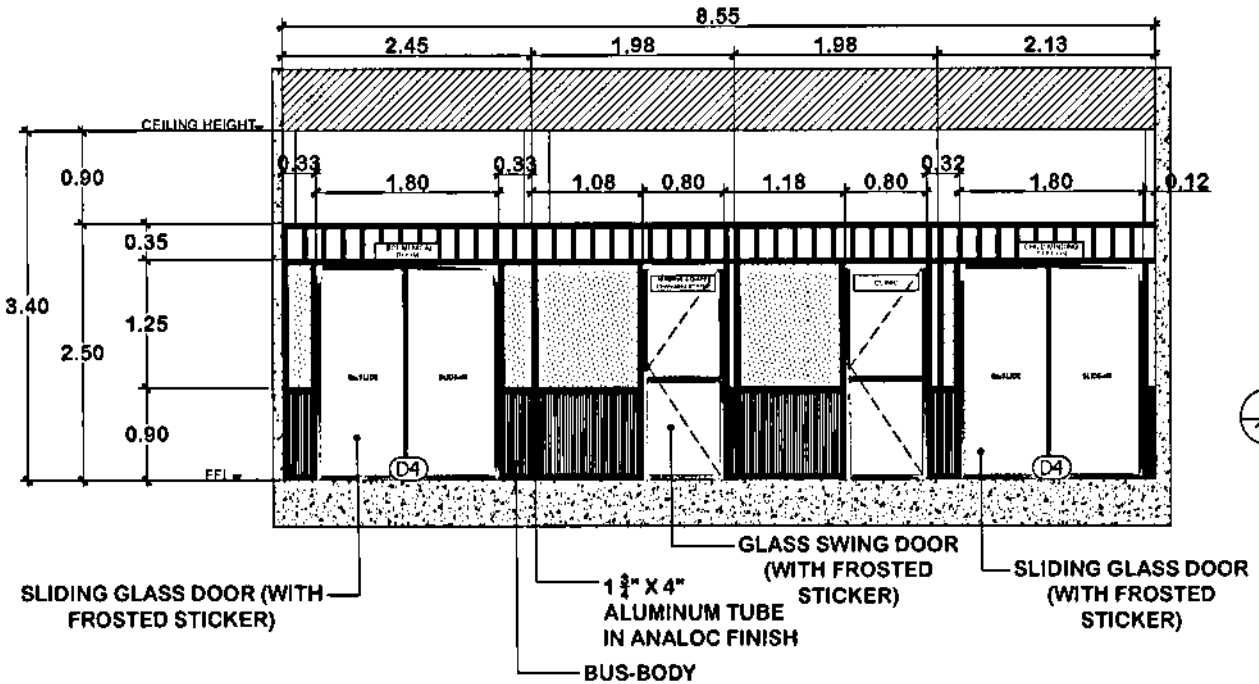
PPA LOGO DETAILS

A/11 NDTS



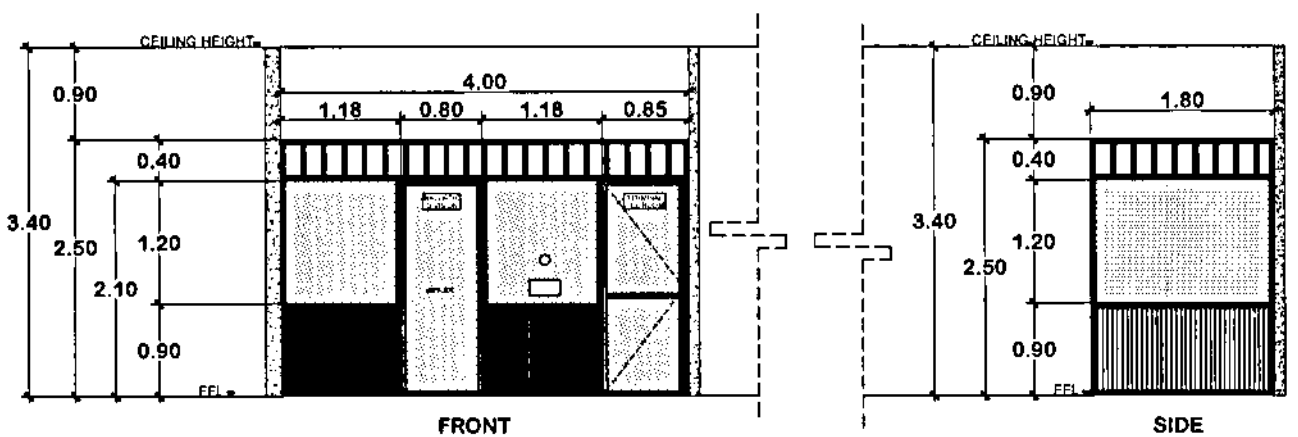
CONCRETE CANOPY LOGO DETAIL

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY:	PREPARED BY: JAIRA T. ROSARIO, Supervising Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting EGD Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: A
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER: 9 | 10



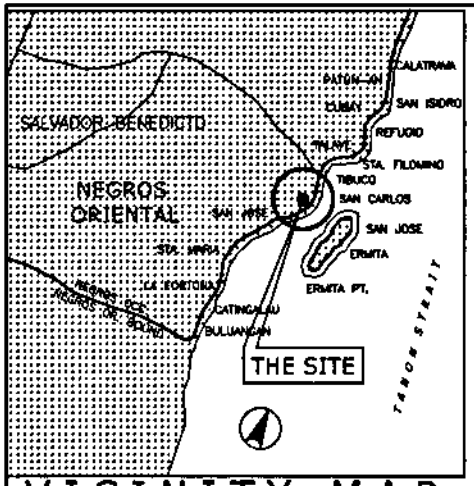
BUS-BODY PARTITION DETAILS

A/12 SCALE: 1:50



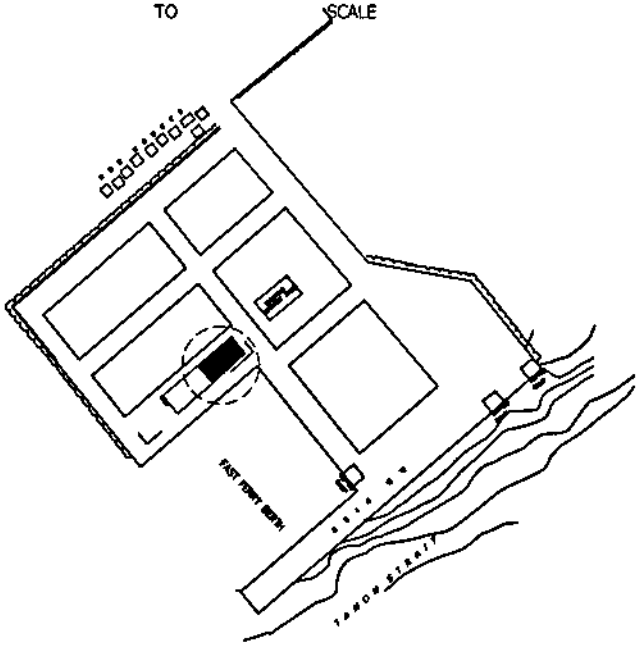
BALLISTIC & TERMINAL FEE ROOM BUS-BODY ELEVATION

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DRAWN BY: [signature]	PREPARED BY: JAIRA I. ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting ESD Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: A PAGE NUMBER: 10 | 10



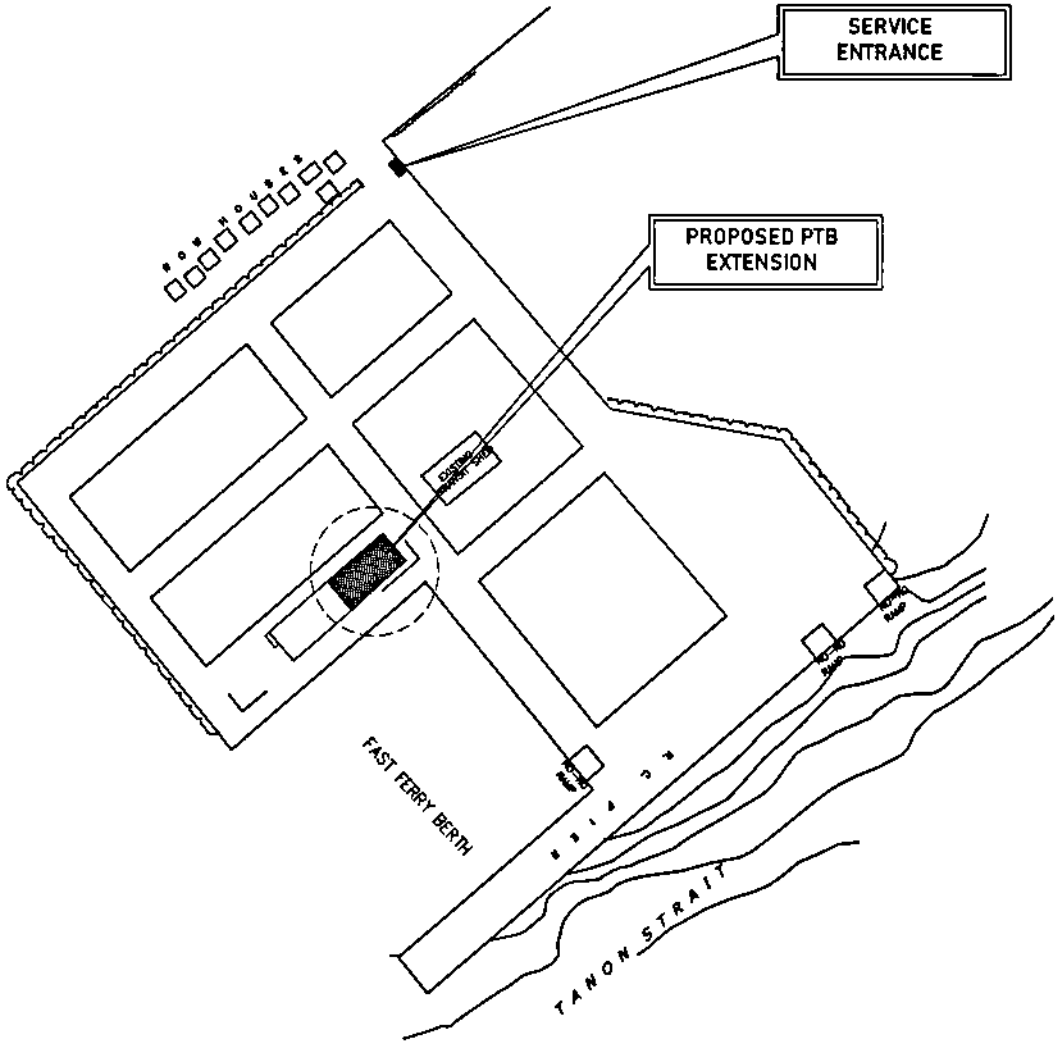
VICINITY MAP

NOT TO SCALE



SITE DEVELOPMENT PLAN

NOT TO SCALE



LOCATION PLAN SERVICE ENTRANCE

NOT TO SCALE

PHILIPPINE PORTS AUTHORITY

PROJECT TITLE: IMPROVEMENT OF PTB

LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.

ACAD BY: [illegible]

DATE:

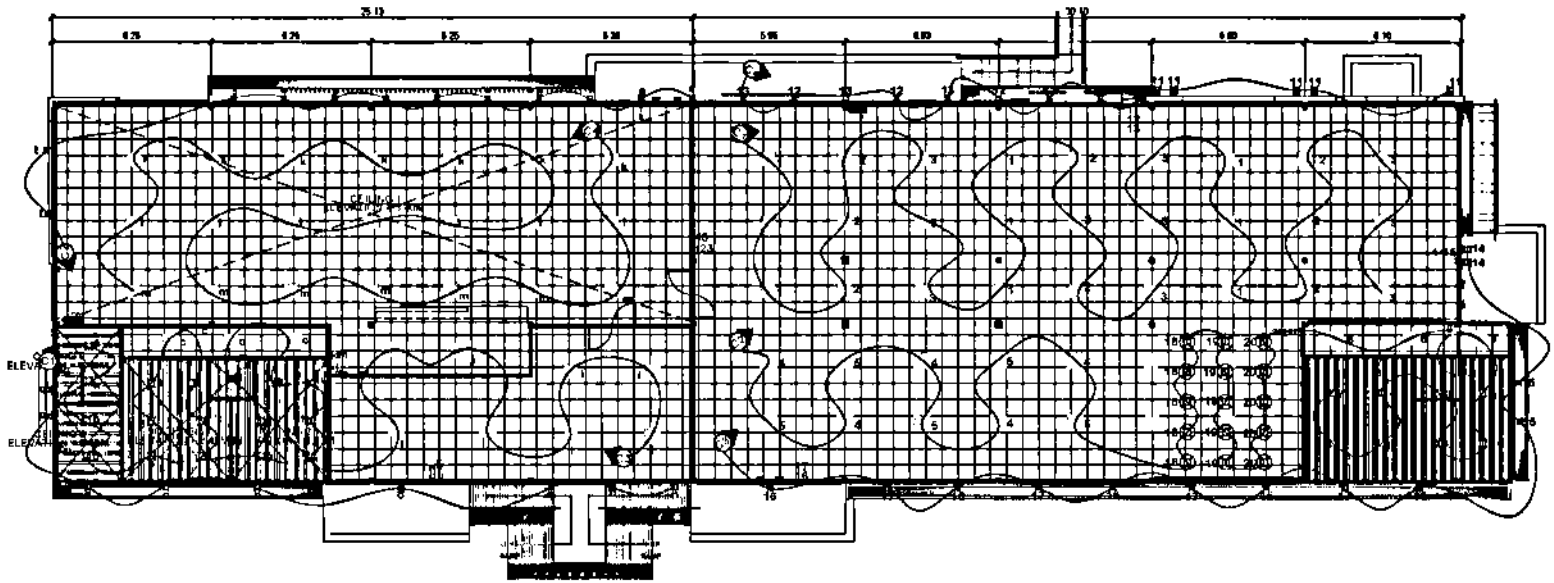
PREPARED BY: JAIRA J. ROSARIO, Engineer A

CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting ESD Manager

APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager

SHEET NUMBER: E

PAGE NUMBER: L P



CEILING LIGHTS OUTLET PLAN

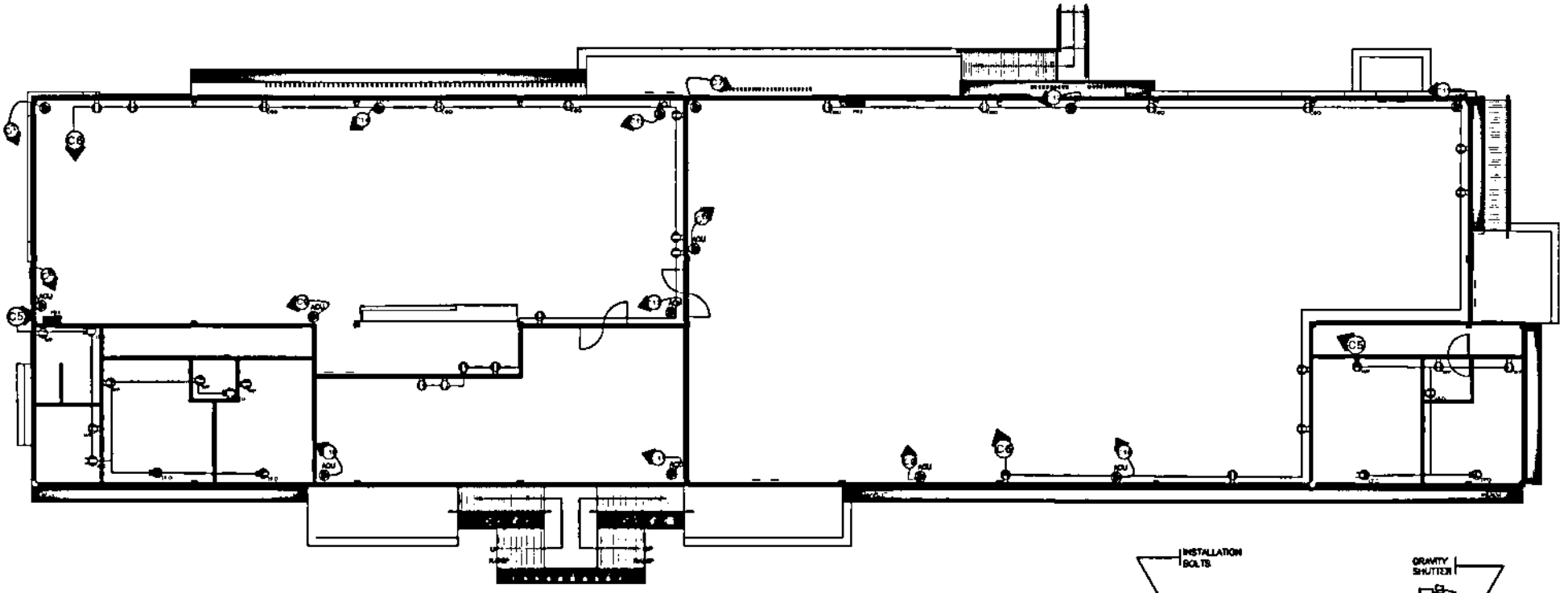
E 01

NDTS

LEGEND							
	DOWNLIGHT		60X60 PANEL LIGHT		PANEL BOARD		CIRCUIT BREAKER
	PIN LIGHT		PENDANT LIGHT		CONVENIENCE OUTLET		CIRCUIT HOMERUN
	SURFACE DOWNLIGHT		SWITCH LINE	WP	WEATHER PROOF OUTLET		GROUND
	EXTERIOR WALL LIGHT		CIRCUIT LINE	EFO	EXHAUST FAN OUTLET	KWH	KILOWATT HOUR METER

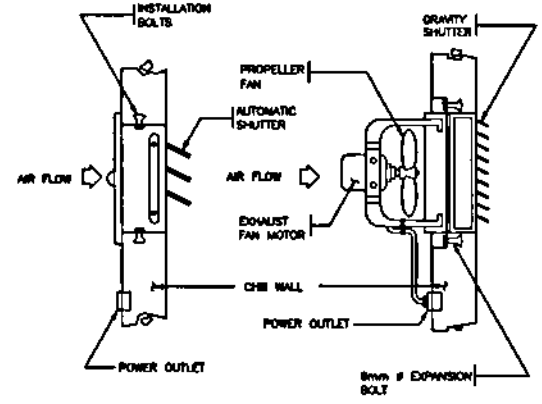
PHILIPPINE PORTS AUTHORITY

PROJECT TITLE	ACAD BY	PREPARED BY	CHECKED / SUBMITTED BY	APPROVED BY	SHEET NUMBER
IMPROVEMENT OF PTB		JAIRA L. ROSARIO Senior Engineer A	RICHEL R. ARCEO Acting ESD Manager	ENGR. RODEL G. LAGMAY Acting Port Manager	E PAGE NUMBER 1 | 7
LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEGROS OCC	DATE:				



CONVENIENCE OUTLET PLAN
E 02
NDTS

LEGEND							
	DOWNLIGHT		60X60 PANEL LIGHT		PANEL BOARD		CIRCUIT BREAKER
	PIN LIGHT		PENDANT LIGHT		CONVENIENCE OUTLET		CIRCUIT HOMERUN
	SURFACE DOWNLIGHT		SWITCH LINE	WP	WEATHER PROOF OUTLET		GROUND
	EXTERIOR WALL LIGHT		CIRCUIT LINE	EFO	EXHAUST FAN OUTLET	KWH	KILOWATT HOUR METER

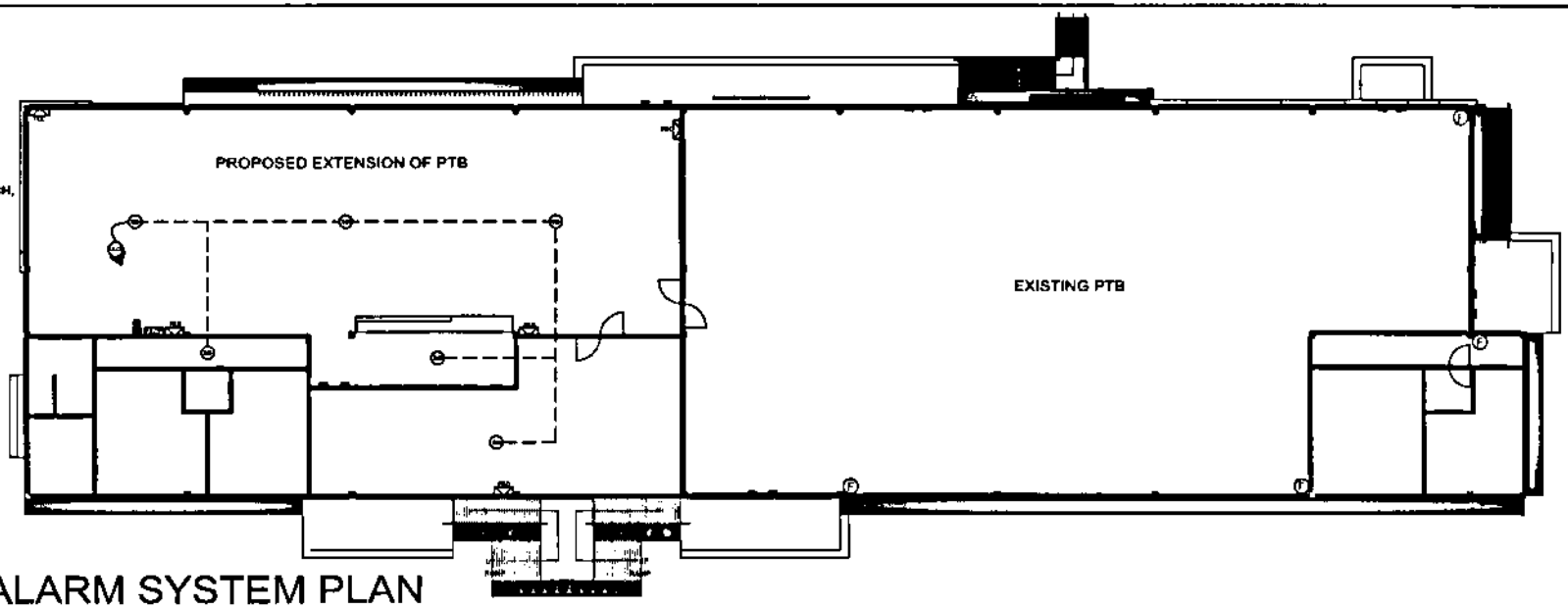


EXHAUST FAN MOUNTING DETAIL
E 03
NDTS

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: [illegible]	PREPARED BY: JAIRA I. ROSARIO, Senior Engineer A	CHECKED / RECOMMENDED BY: RICHEL R. ARCEO, Acting E&D Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:			SHEET NUMBER: E; PAGE NUMBER: 2 | 7

LEGEND

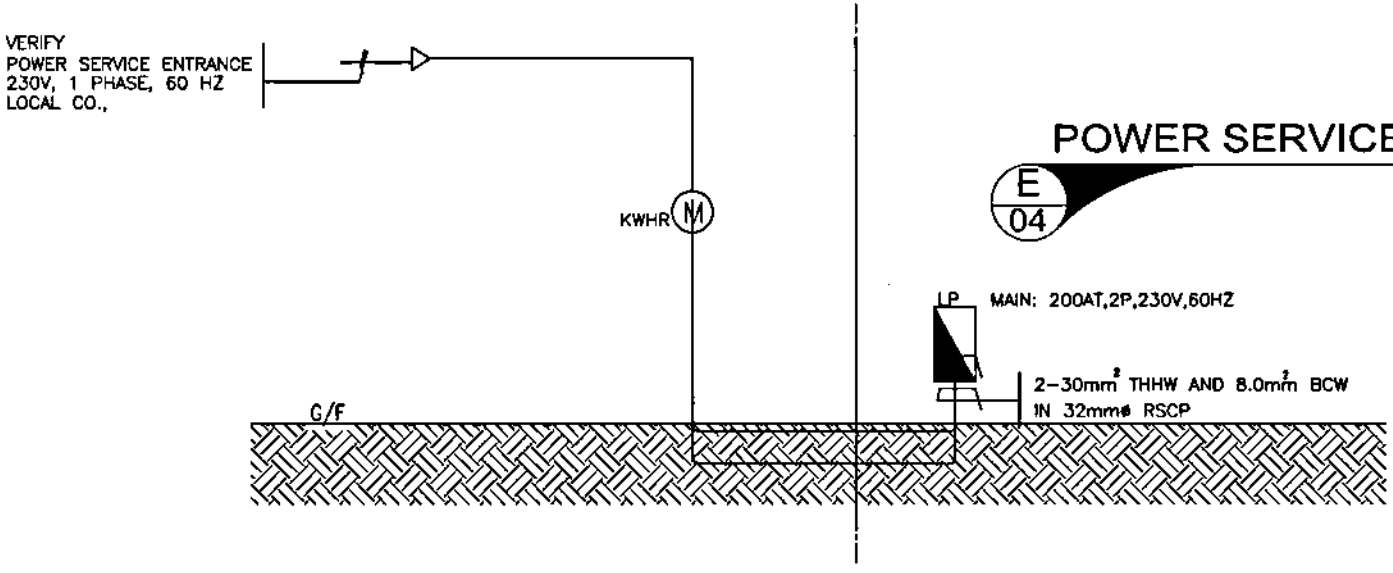
- FACP — FIRE ALARM CONTROL PANEL CONVENTIONAL, 2 ZONE
- FEC — FIRE EXTINGUISHER CABINET
- M — MANUAL PULL STATION SWITCH, DUAL ACTION
- B — FIRE ALARM BELL, 6"
- SD — SMOKE DETECTOR
- F — FIRE EXTINGUISHER



FIRE DETECTION ALARM SYSTEM PLAN

E 03

NDTS

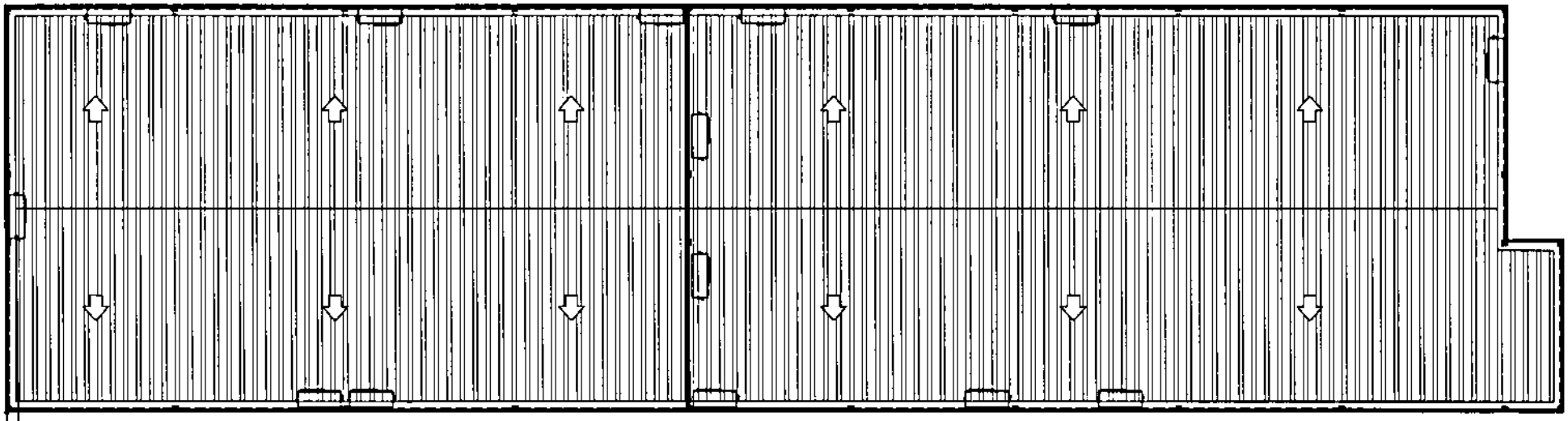


POWER SERVICE ENTRANCE LAYOUT

E 04

NDTS

PHILIPPINE PORTS AUTHORITY PMO - NSB	PROJECT TITLE: IMPROVEMENT OF PTB LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC	ACAD BY: IVY G. NAMINSO, DRAFTSMAN II DATE:	PREPARED BY: JAIRA J. ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting ESD Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: E PAGE NUMBER: 3 | 7

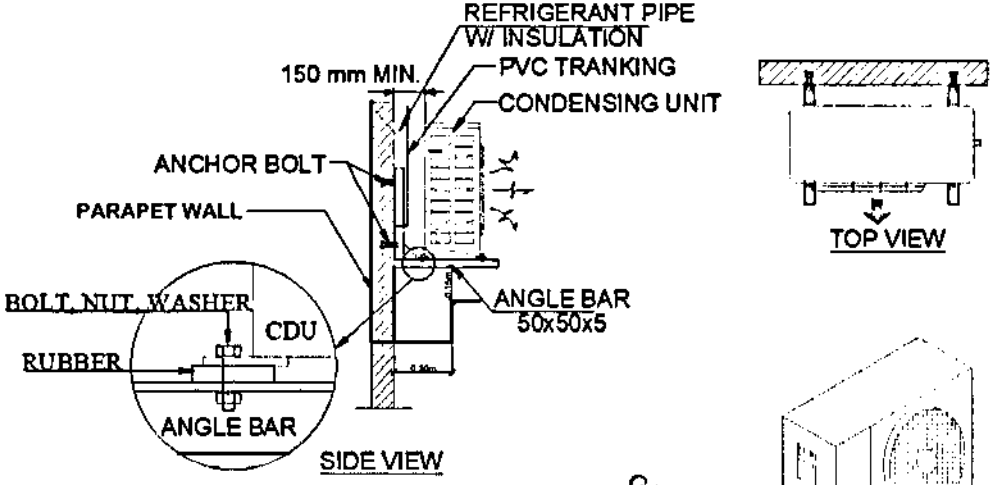


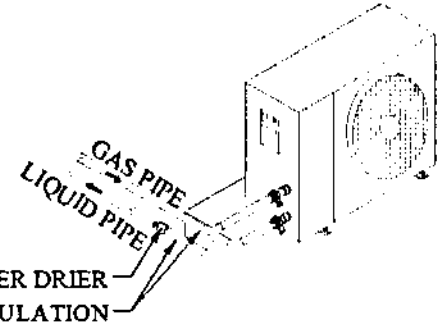
OUTDOOR AIR-COOLED CONDENSING UNIT LAYOUT PLAN

E 05 NDTS

AIR-COOLED CONDENSING UNIT

PARAPET WALL





INSTALLATION OF OUT DOOR AIR COOLED CONDENSING UNIT

E 06 NDTS

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: [illegible]	PREPARED BY: JAIRA ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting ESD Manager	APPROVED BY: ENGR. ROGEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: E
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC	DATE:				4 | 7

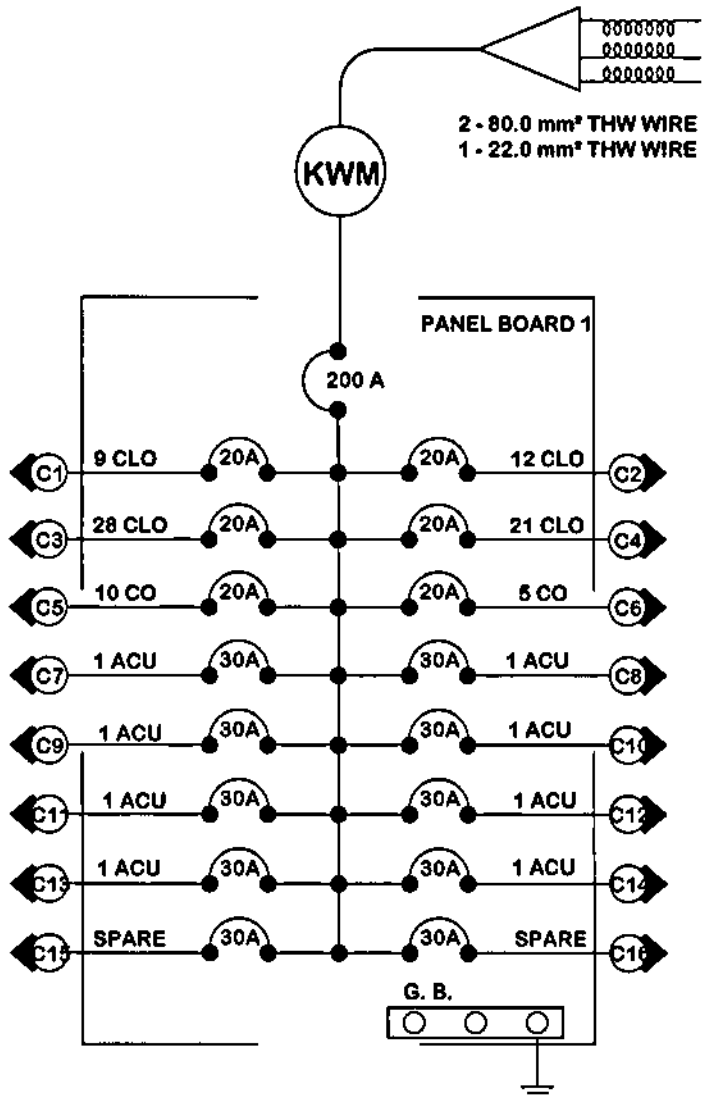
SCHEDULE OF LOAD FOR PANEL BOARD 1

CKT. NO.	LOADS			VOLT	CURRENT	WIRE	CONDUIT	CKT. BKR PROTECTION
	LT	CO	OTHERS			mm² (THW)	mmø (PVC)	
1	9		LIGHTING	220	0.74	3.5	20	20A-2P
2	12		LIGHTING	220	0.98	3.5	20	20A-2P
3	28		LIGHTING	220	5.09	3.5	20	20A-2P
4	21		LIGHTING	220	3.82	3.5	20	20A-2P
5		10	CONV. OUTLET	220	9.09	3.5	20	20A-2P
6		13	CONV. OUTLET	220	11.82	3.5	20	20A-2P
7			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
8			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
9			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
10			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
11			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
12			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
13			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
14			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
15			SPARE		5.00			30A-2P
16			SPARE		5.00			30A-2P
			TOTAL		201.54	2 - 80 THW	50mmØ RSC	200A-2P

LOAD ANALYSIS

SIZE OF SUB FEEDER CONDUCTOR AND OVER CURRENT PROTECTION
I = 201.54+((1.25x13.64)-13.64)
I = 204.95 AMPERES

USE: 2-80.0mm2 THW WIRE in 50mmø RMC with 200A, 2P, MCB Type
As Main Current Protection and 1-22mm2 THW Green as P.E.



SINGLE LINE DIAGRAM

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE	ACAD BY	PREPARED BY	CHECKED / SUBMITTED BY	APPROVED BY	SHEET NUMBER
	IMPROVEMENT OF PTB		JAIRA ROSARIO, Senior Engineer A	RICHEL R. ARCEO, Acting E&D Manager	ENGR. RODEL G. LAGMAY, Acting Port Manager	E
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC	DATE:				PAGE NUMBER 5 | 7

SCHEDULE OF LOAD FOR PANEL BOARD 2

CKT. NO.	L O A D S			VOLT	CURRENT	WIRE	CONDUIT	CKT. BKR PROTECTION
	LT	CO	OTHERS			mm² (THW)	mmø (PVC)	
1	27		LIGHTING	220	5.50	3.5	20	20A-2P
2	36		LIGHTING	220	4.55	3.5	20	20A-2P
3	13		LIGHTING	220	1.06	3.5	20	20A-2P
4	13		LIGHTING	220	1.06	3.5	20	20A-2P
5		6	CONV. OUTLET	220	5.45	3.5	20	20A-2P
6		8	CONV. OUTLET	220	7.27	3.5	20	20A-2P
7			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
8			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
9			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
10			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
11			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
12			3TR FLOOR STANDING ACU	220	20.00	5.5	25	30A-2P
13			SPARE		5.00			30A-2P
14			SPARE		5.00			30A-2P
15			SPARE		5.00			30A-2P
16			SPARE		5.00			30A-2P
			TOTAL		168.89	2 – 80 THW	50mmØ RSC	200A-2P

LOAD ANALYSIS

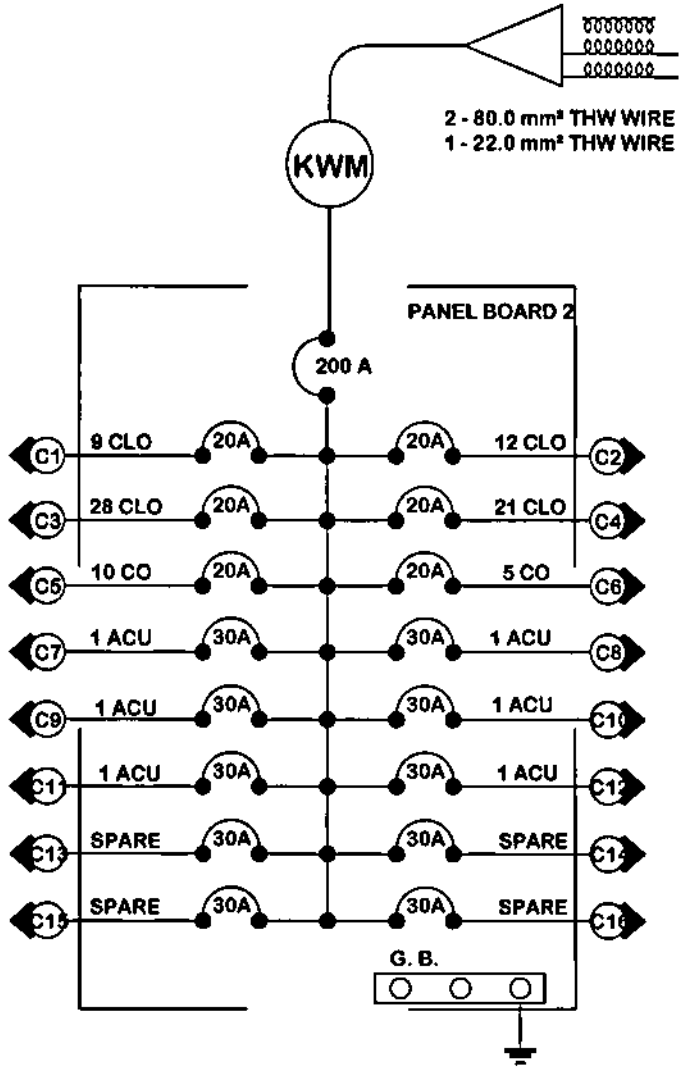
SIZE OF SUB FEEDER CONDUCTOR AND OVER CURRENT PROTECTION
I = 168.87+((1.25x13.64)-13.64)
I = 172.28 AMPERES

USE: 2-80.0mm2 THW WIRE In 50mmø RMC with 200A, 2P, MCB Type
As Main Current Protection and 1-22mm2 THW Green as P.E.

8. ALL MATERIALS AND EQUIPMENTS TO BE USED SHALL BRAND NEW AND APPROVED AS TO LOCATIONS AND PURPOSED AND SOLIDLY GROUNDED.
9. MINIMUM SIZE OF WIRES AND CONDUITS SHALL BE 3.5MM^2, THHN DURAFLEX OR APPROVED EQUAL AND 20.MM.DIA. RIGID PVC CONDUITS NELTEX, ATLANTA OR APPROVED EQUAL.
10. WHENEVER REQUIRED OR NECESSARY PULLBOX AND JUNCTION BOX SHALL BE PROVIDED EVEN, NOT INDICATED ON PLANS, WIRES AND CABLES 99.9% COPPER CONDUCTIVITY DURAFLEX, PHILFLEX OR APPROVED EQUAL.
11. MEGGER TEST MUST BE CONDUCTED AS REQUISITES OF SIGNING ELECTRICAL SERVICE CONNECTION, ANY ELECTRICAL WORKS AFFECTED BY ACTUAL CONDITIONS OF REVISIONS DESIGN ELECTRICAL ENGINEER MUST BE CONSULTED FOR FINAL APPROVAL.
12. ALL ELECTRICAL WORKS MUST BE DIRECT SUPERVISION OF ANY GRADE ELECTRICAL ENGINEER AND REGISTERED MASTER ELECTRICIANS AS PER R.A. NO. 7920.

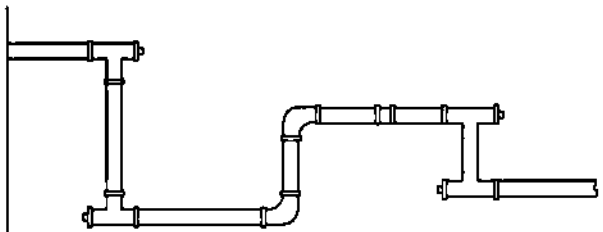
MOUNTING HEIGHTS:

SWITCH: 1.37M AFF
PANELBOARD: 1.80M TOP OF PANELS TO FLOOR LINES



SINGLE LINE DIAGRAM

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE	ACAD BY	PREPARED BY	CHECKED / SUBMITTED BY	APPROVED BY	SHEET NUMBER
	IMPROVEMENT OF PTB		JAIRA I. ROSARIO, Engineer A	RICHEL R. ARCEO, Acting ESD Manager	ENGR. RODEL G. LAGMAY, Acting Proj Manager	E
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER 6 7



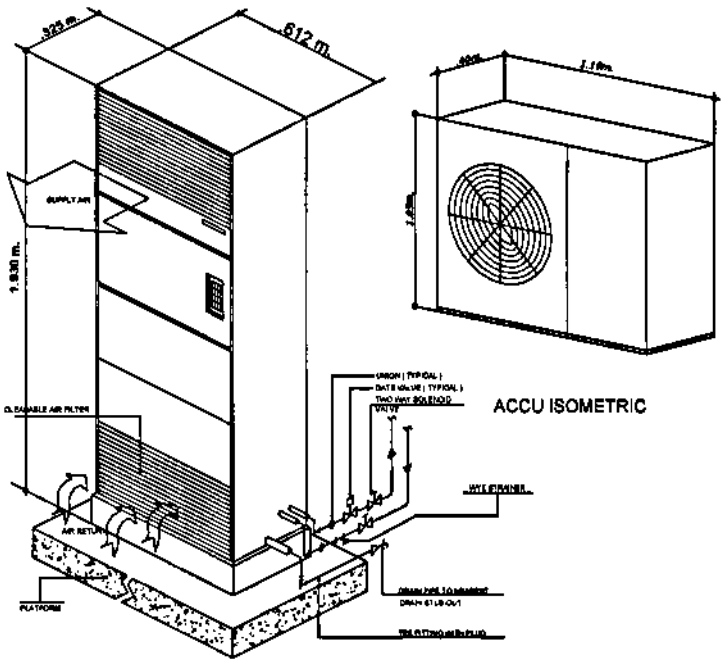
CONDENSATE DRAIN PIPE DETAIL

MECHANICAL LEGEND:

—AIR→	AIR FLOW
FCU	FAN COIL UNIT
ACCU	AIR COOLED CONDENSING UNIT
———	LIQUID LINE
———	SOLID LINE

ELECTRICAL :

A. PROVIDE POWER WIRING & CONTROL FROM THE CIRCUIT BREAKER TO THE UNIT
B. PROVIDE CONTROL WIRING FROM THE UNIT THERMOSTAT
C. CONDUIT; EMT & TIGHT FLEXIBLE
D. INSULATION : 25mm THK. PREFORMED FIBER GLASS INSULATION WITH ALUMINUM VAPOR BARRIER 48 KG/CM.



ACCU ISOMETRIC

TYPICAL FCU MOUNTING DETAIL

GENERAL NOTES :

1. ALL AIR-CONDITIONING WORKS AND INSTALLATION SHALL BE DONE IN ACCORDANCE WITH THE AIR-CONDITIONING AND VENTILATION STANDARD SEC. 2 CHAPTER 8 , PSME CODE.

2. THE TYPE OF REFRIGERANT SHOULD BE FOLLOWED THE TYPE OF RESIDENTIAL ACCUPANCIES.

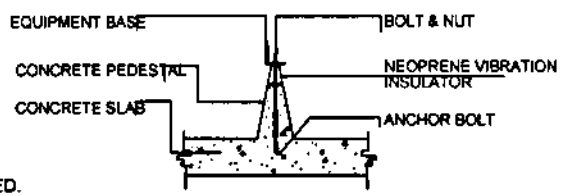
3. ALL AIR-CONDITIONING AND MECHANICAL WORKS AND INSTALLATION SHALL BE UNDER THE DIRECT SUPERVISION OF THE DULY LICENSED MECHANICAL ENGINEER / PROFESSSIONAL MECHANICAL ENGINEER.

4. ALL EXPOSED PULLEYS AND BELTINGS SHALL BE PROPERLY ENCLOSED.

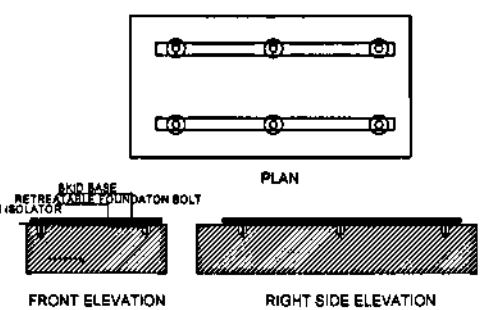
5. ALL MOVING PARTS SHOULD HAVE A MINIMUM DISTANCE AT LEAST THREE FEET (3,)BETWEEN MACHINES.

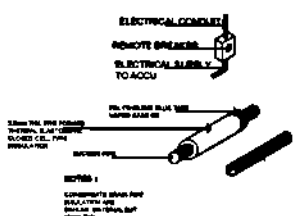
6. THE WEIGHT OF THE MACHINE PLUS THE FOUNATION WEIGHT SHOULD BE DISTRIBUTED OVER A SOIL BEARING STRESS WITH A FACTOR OF SAFETY OF FIVE (5) .

7. REVISION , ALTERATION IN THE DESIGN SHOULD BE DONE PRIOR TO THE APPROVAL OF THE OWNER AND THE DESIGNING MECHANICAL ENGINEER.



VIBRATION INSOLATOR DETAIL



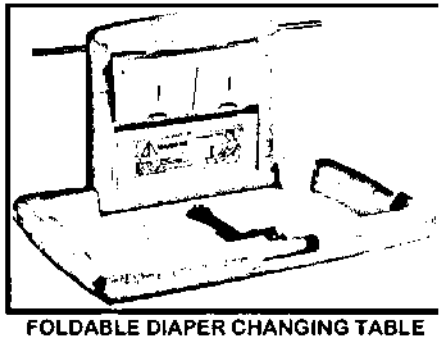


REFRIGERANT PIPE INSULATION (SPLIT TYPE AC UNIT)

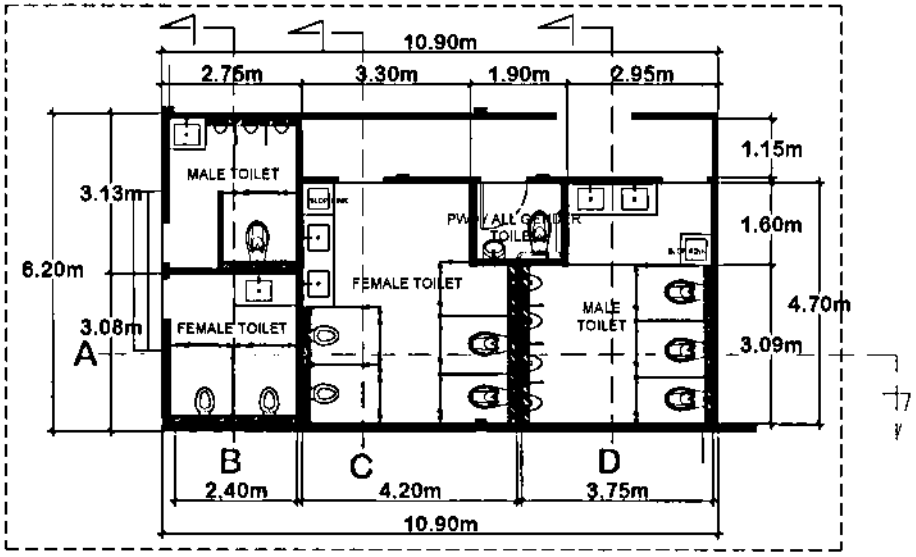
PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: [signature]	PREPARED BY: [signature] JAIRA ROSARIO, Engineer A	CHECKED / SUBMITTED BY: [signature] RICHEL R. ARCEO, Acting ESD Manager	APPROVED BY: [signature] ENGR. RODEL G. LAGMAY, Acting Asst Manager	SHEET NUMBER: E
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER: 7 / 7

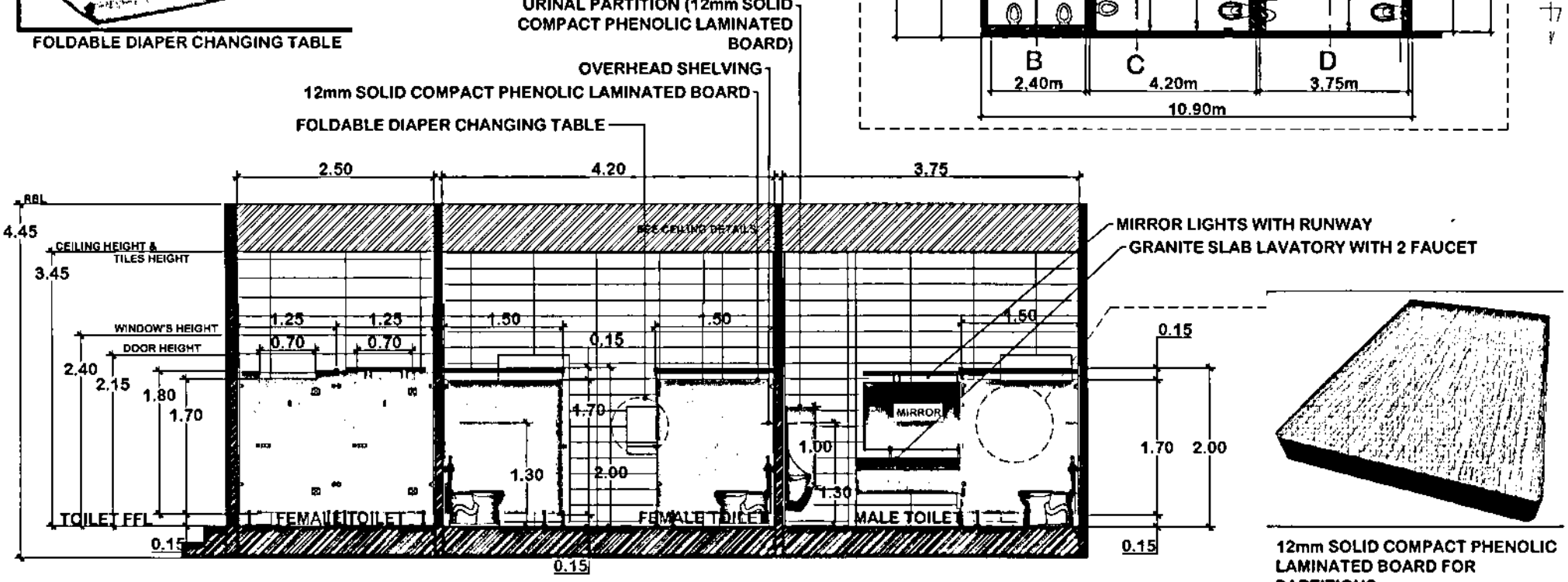
TOILETS DETAIL PLAN

P 01 SCALE 1:100



FOLDABLE DIAPER CHANGING TABLE



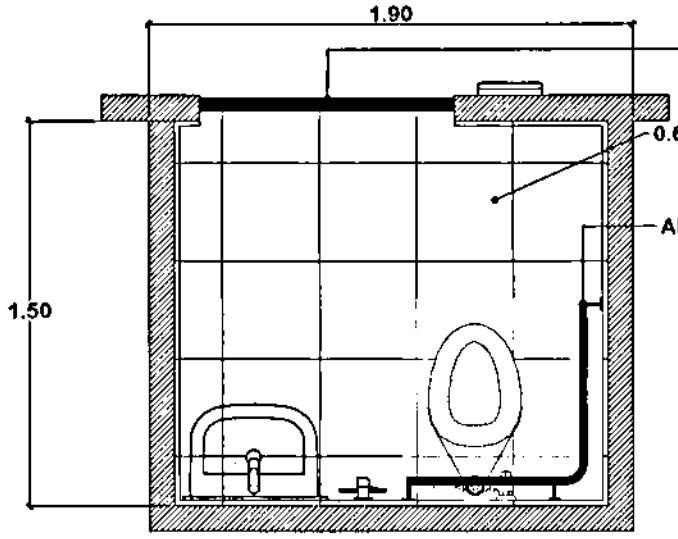


12mm SOLID COMPACT PHENOLIC LAMINATED BOARD FOR PARTITIONS

SECTION THRU "A"

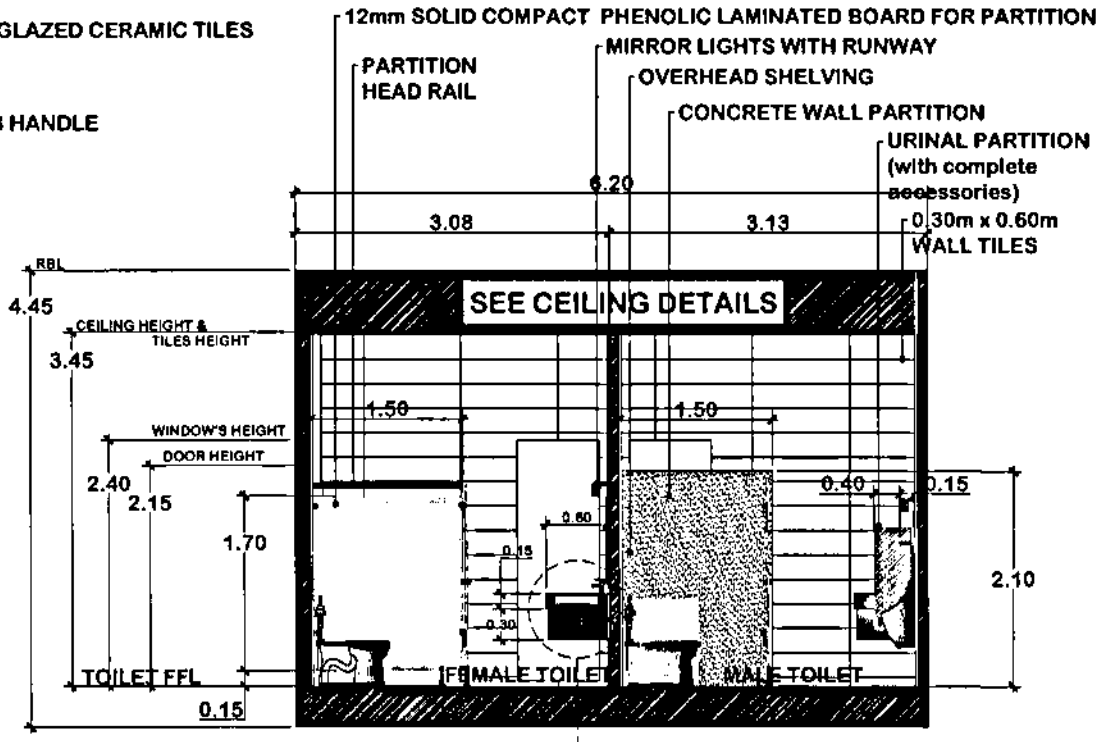
P 02 SCALE 1:50

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: NOEL NERVISO, DRAFTSMAN II	PREPARED BY: JAIRA L. ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting E&D Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:			SHEET NUMBER: P; PAGE NUMBER: 1 6



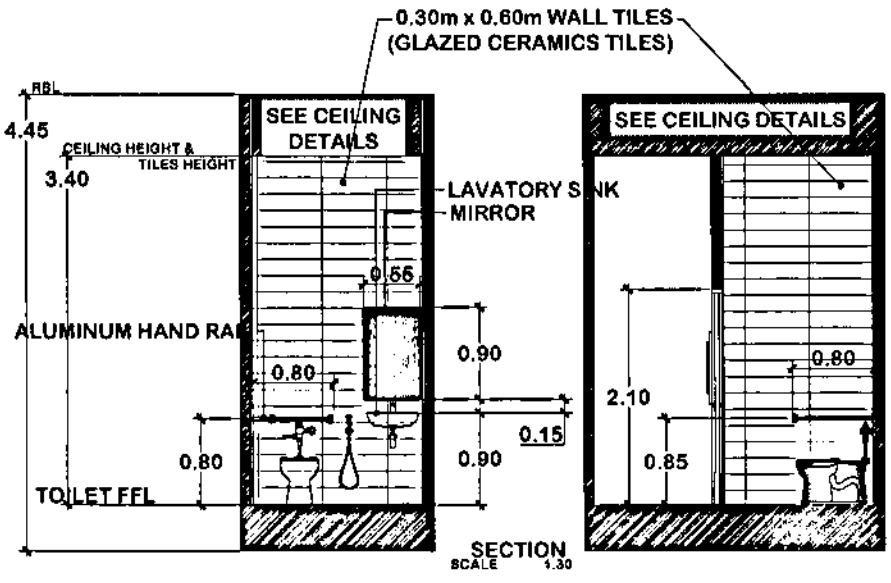
PWD TOILET DETAIL PLAN

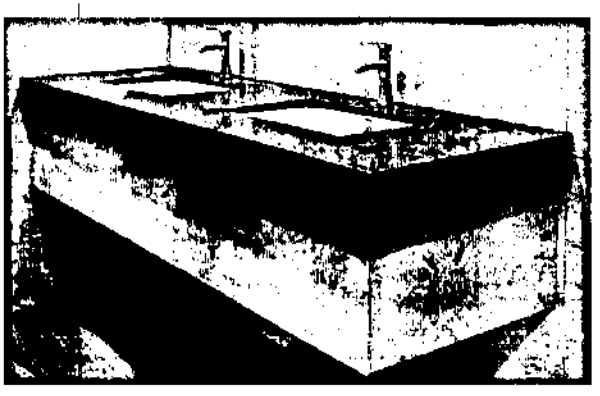
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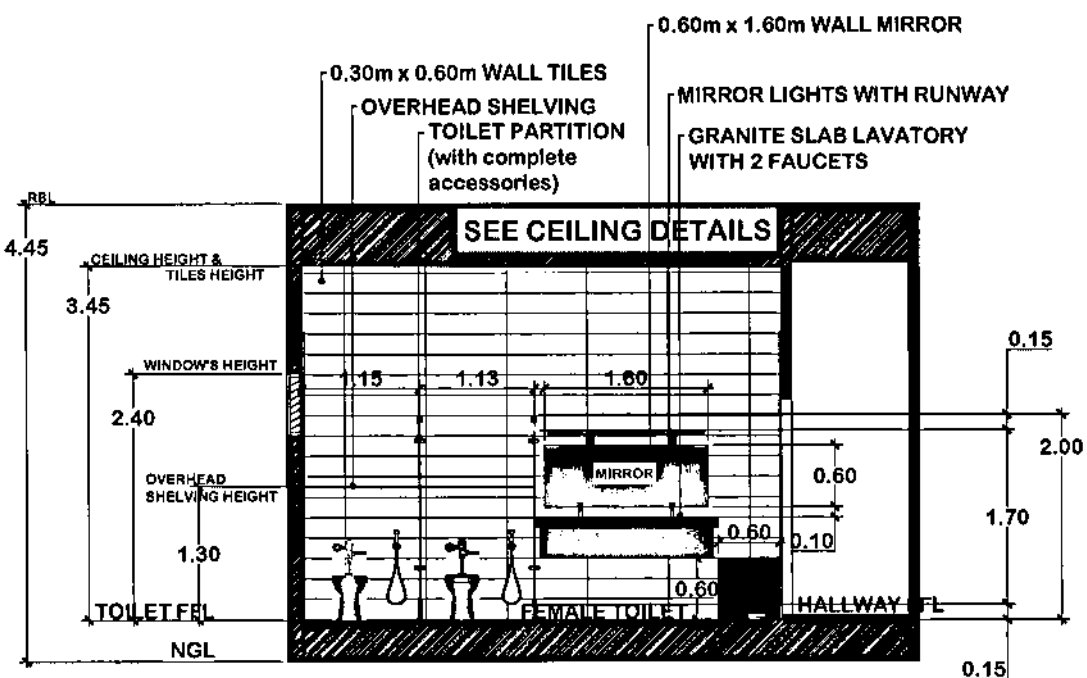
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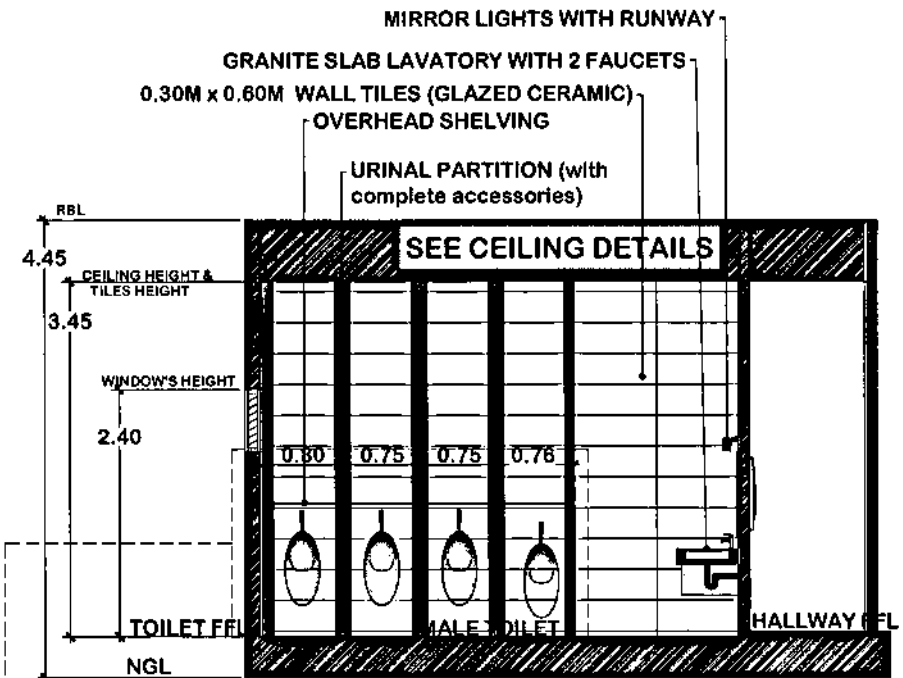
LAVATORY SINK PERSPECTIVE

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	DRAWN BY: NOEL NERVESO	PREPARED BY: JAIRA L. ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting E&D Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: P
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER: 2 | 6



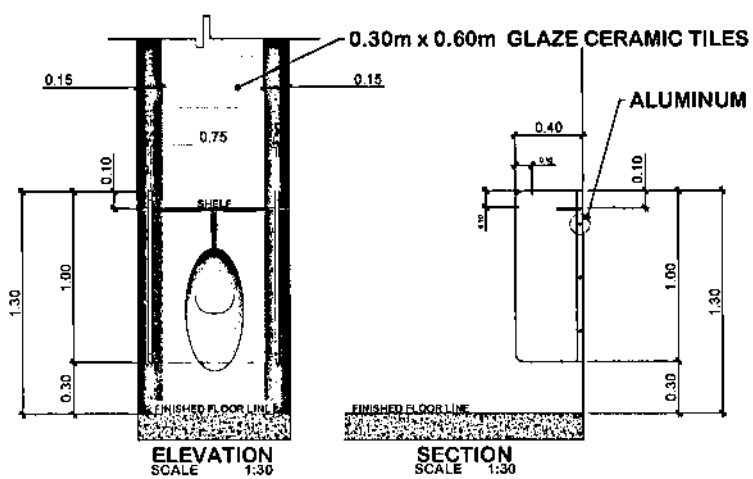
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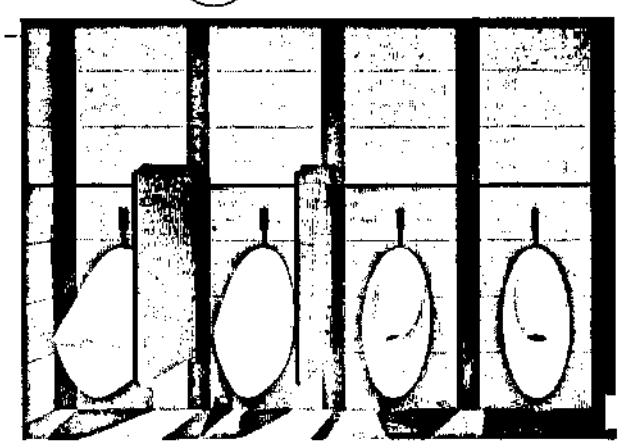
SECTION THRU D

P 06 SCALE 1:50



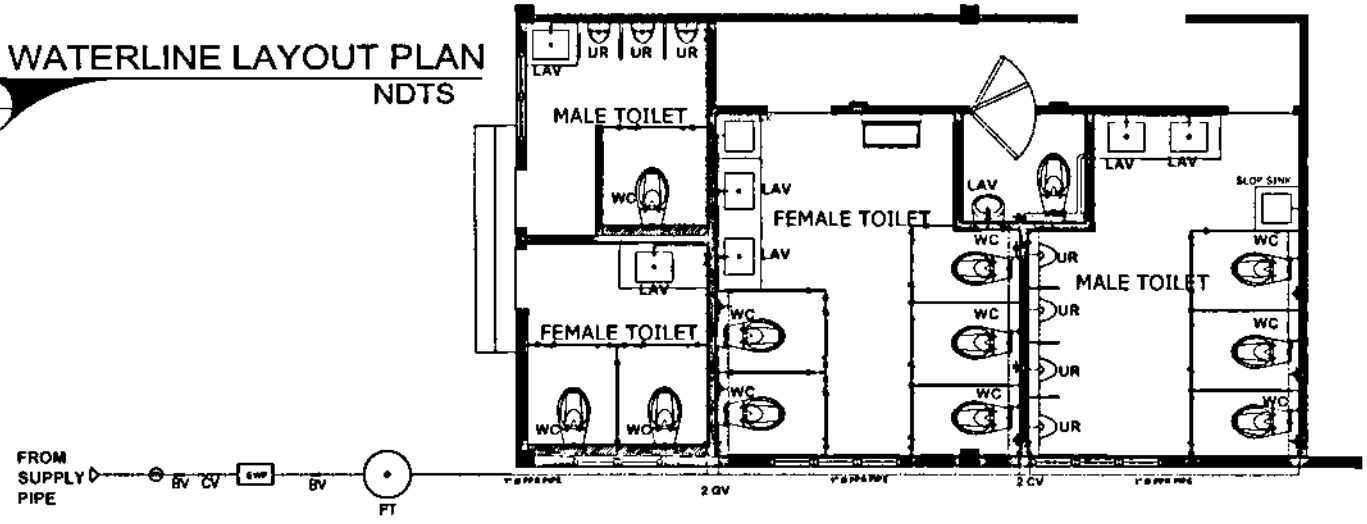
ELEVATION
SCALE 1:30

SECTION
SCALE 1:30

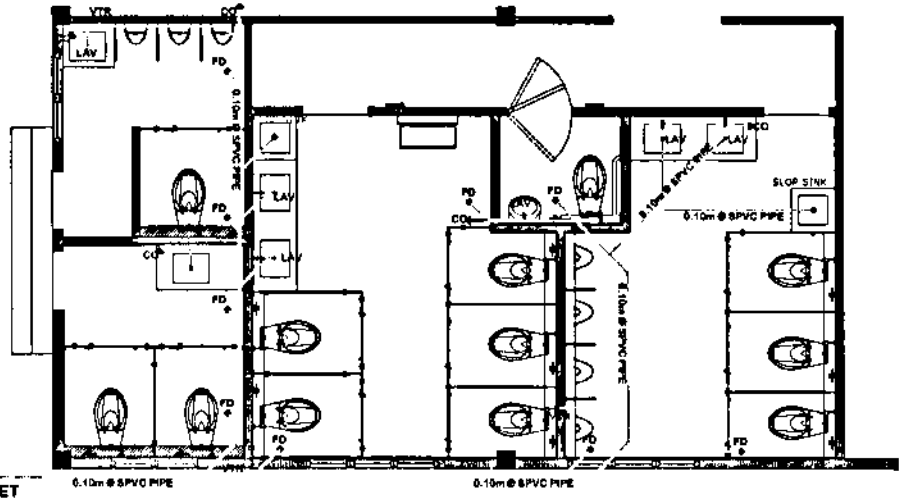


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	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:	JAIRA ROSARIO Station Engineer A	RICHEL R. ARCEO Acting ESD Manager	ENGR. RODEL G. LAGMAY Acting Port Manager	PAGE NUMBER: 3 6

WATERLINE LAYOUT PLAN
P 07
NDTS



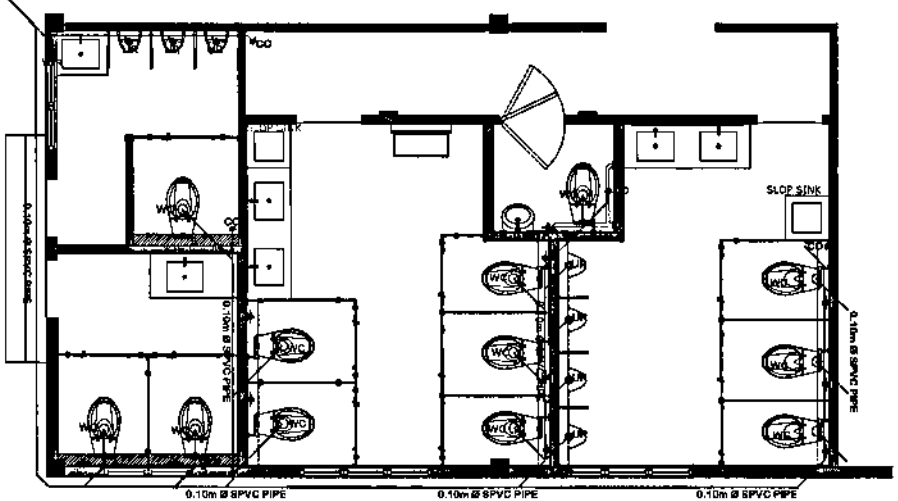
LEGEND			
⋈	GATE VALVE	LAV	LAVATORY
———	WATER LINE	GV	GATE VALVE
———	SANITARY LINE	FD	FLOOR DRAIN
———	DRAIN LINE	VTR	VENT THRU ROOF
CO	CLEAN OUT	UR	URINAL
WC	WATER CLOSET	CV	CHECK VALVE



WATER DRAIN LAYOUT PLAN
P 08
NDTS

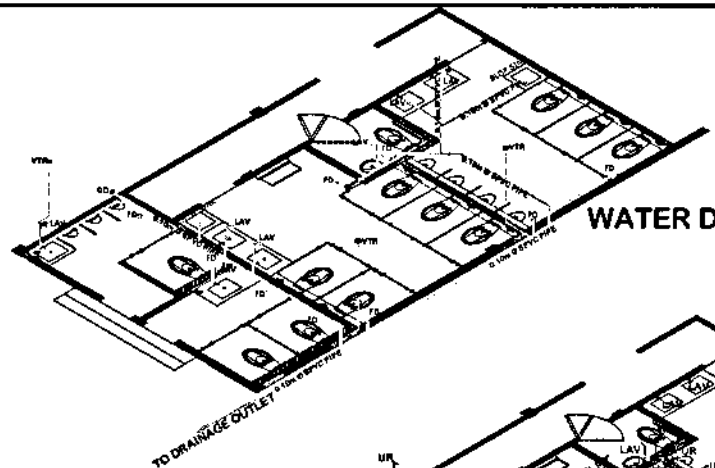
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PHILIPPINE PORTS AUTHORITY	IMPROVEMENT OF PTB	[illegible]	JAIRA ROSARIO, Engineer A	RICHEL R. ARCEO, Acting ESD Manager	ENGR. RODEL G. LAGMAY, Acting Port Manager	P
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER: 4 of 6

SV

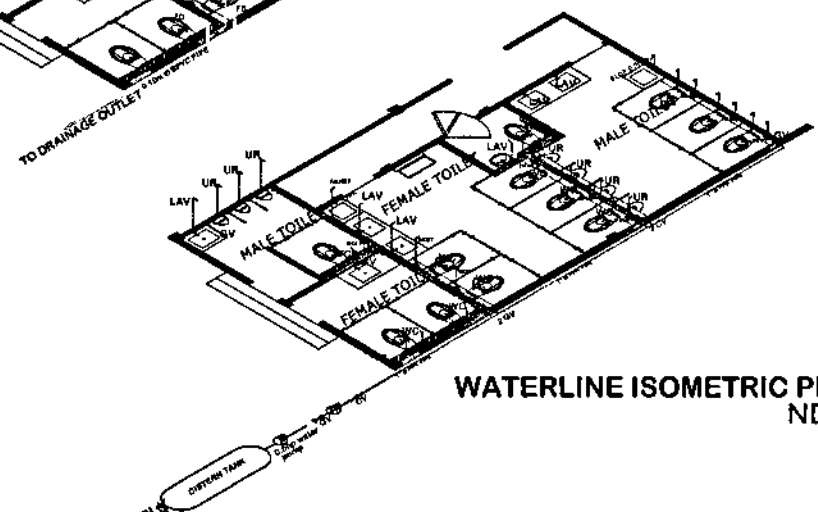


SANITARY LAYOUT PLAN
NDTS

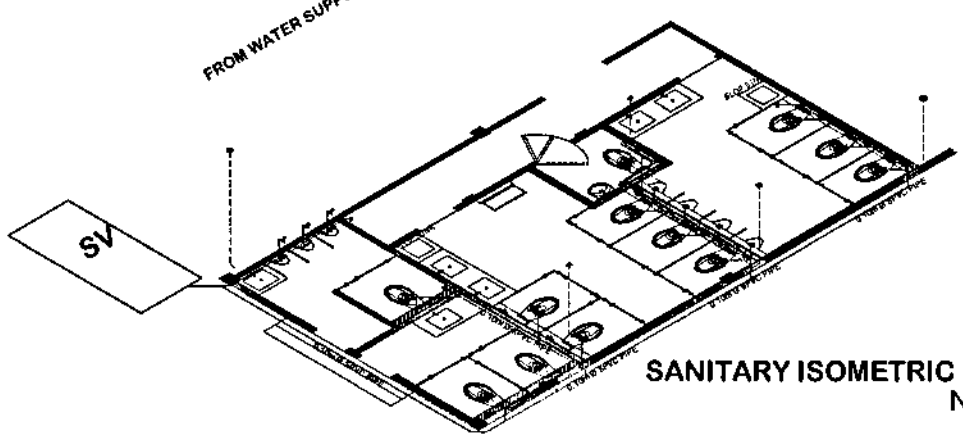
P
09



WATER DRAIN ISOMETRIC PLAN
NDTS



WATERLINE ISOMETRIC PLAN
NDTS



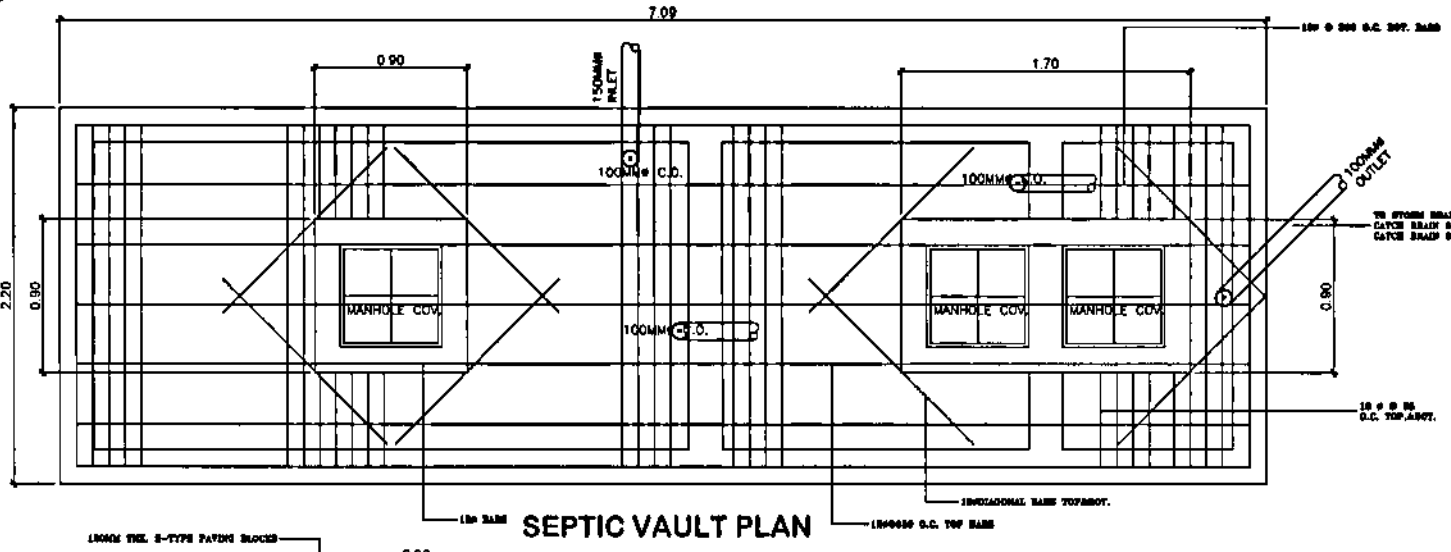
SANITARY ISOMETRIC PLAN
NDTS

PHILIPPINE PORTS AUTHORITY PRO - NEG	PROJECT TITLE: IMPROVEMENT OF PTB LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	ACAD BY DATE:	PREPARED BY: JAIRA J. ROSARIO Staff Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO Acting ESD Manager	APPROVED BY ENGR. RODEL G. LAGMAY Acting Port Manager	SHEET NUMBER P PAGE NUMBER 5 6

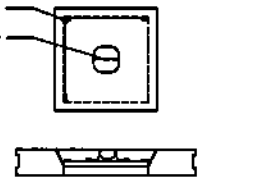
SEPTIC VAULT DETAILS

P 10

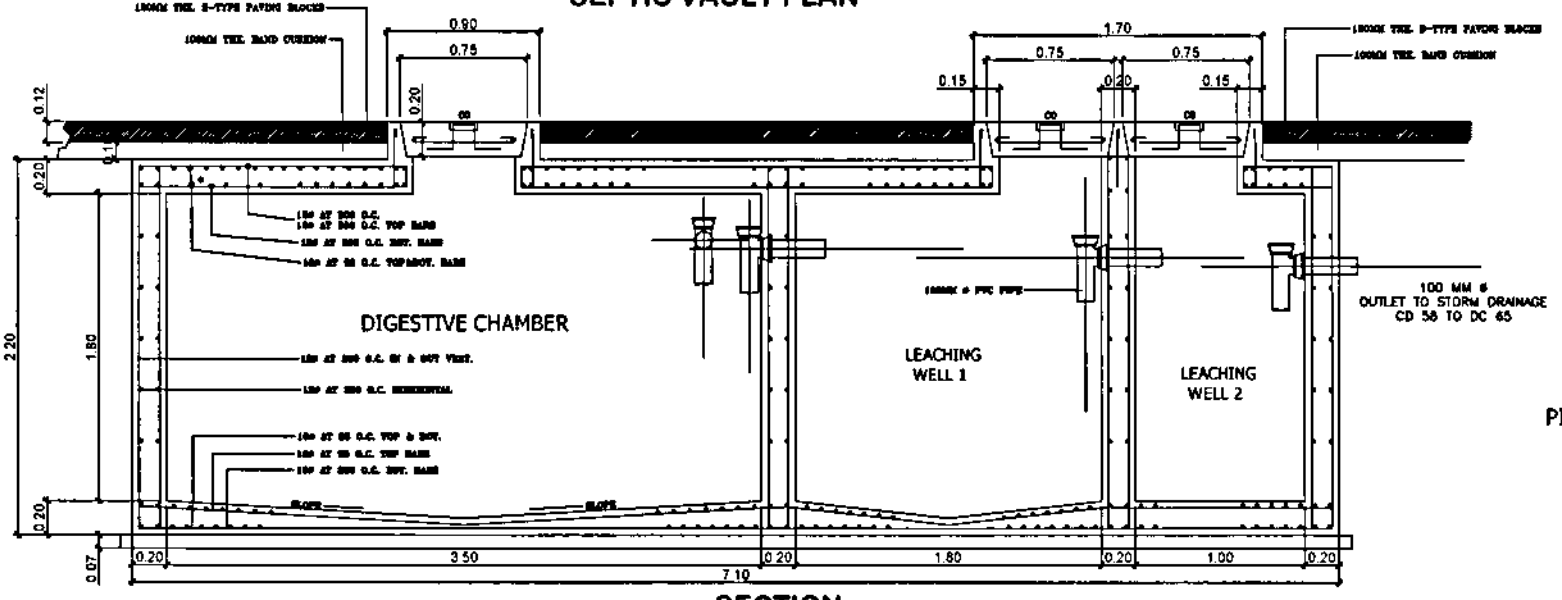
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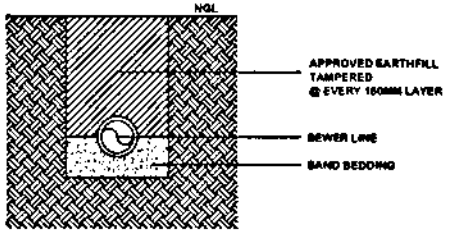
SEPTIC VAULT PLAN



DETAIL OF MANHOLE COVER

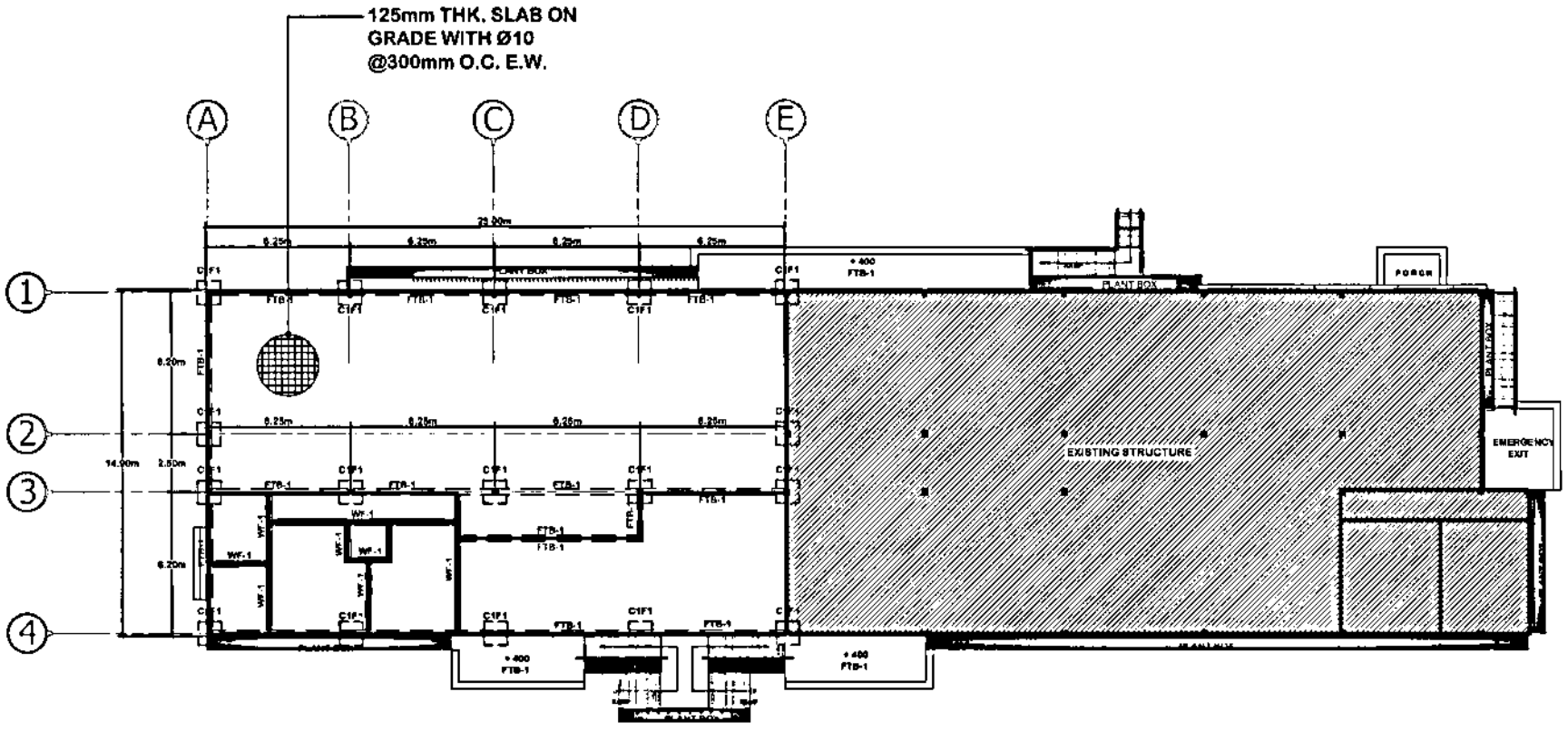


SECTION



PIPE TRENCH BEDDING

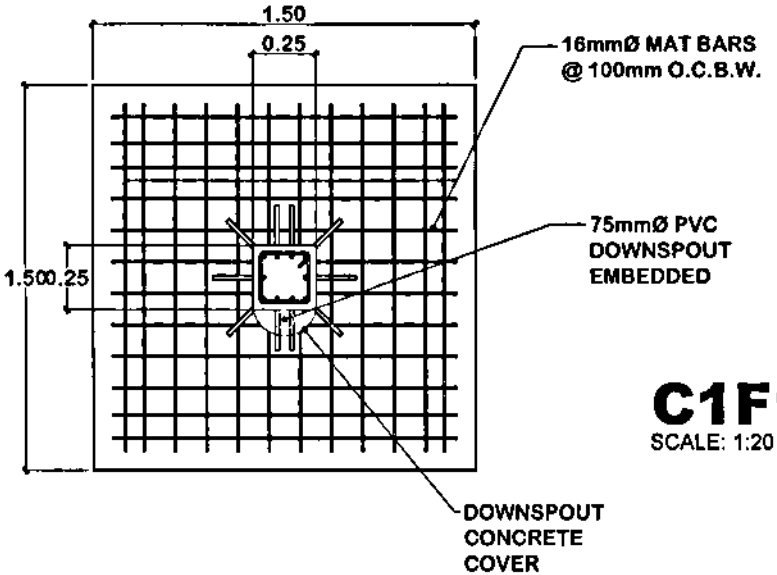
PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: INGG NERVOSO	PREPARED BY: JAIRA I. ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting ESD Manager — SCALE: 1:20	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Asst Manager — SHEET NUMBER: P, PAGE NUMBER: 6 6
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:			



FOUNDATION PLAN

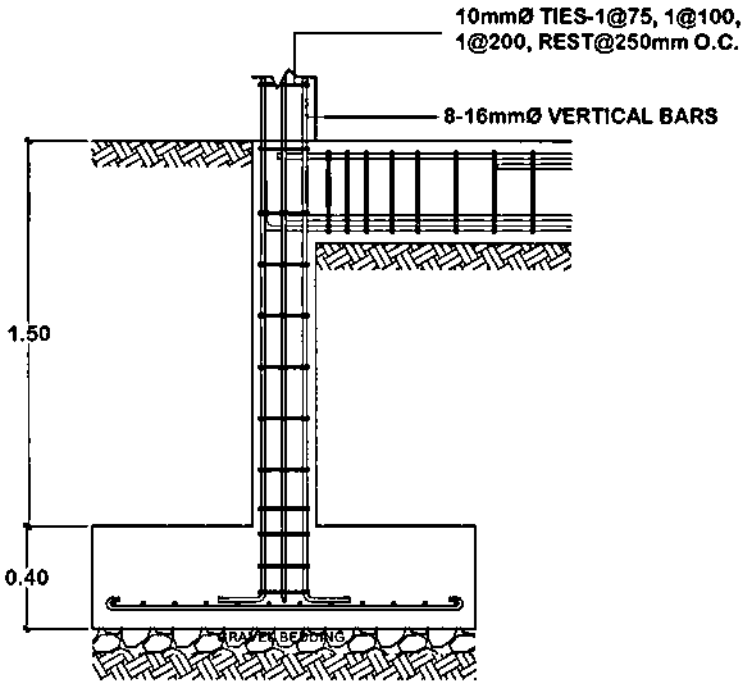
S 01 SCALE 1:200

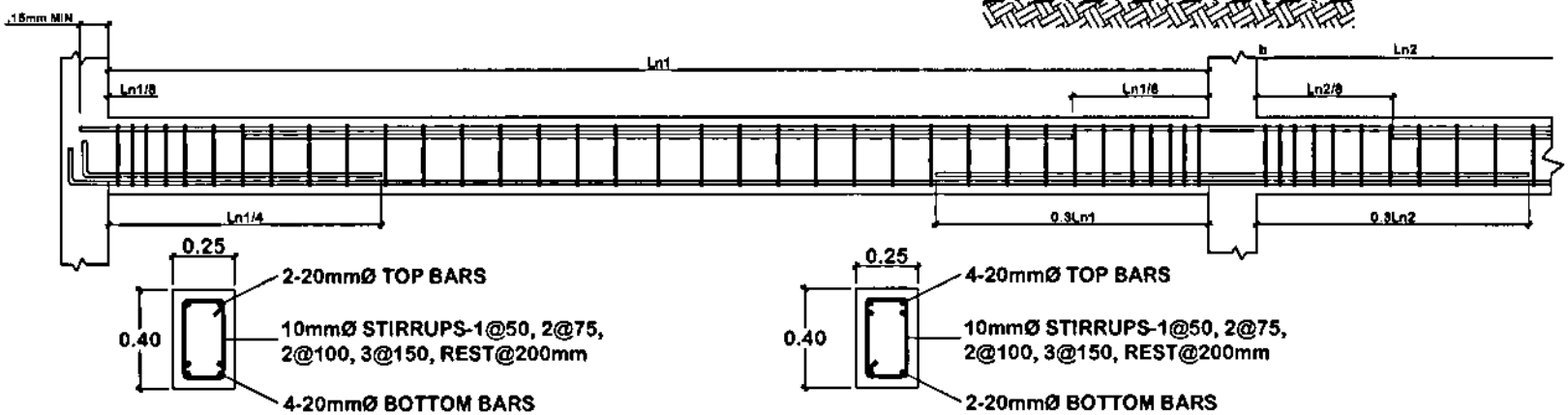
PHILIPPINE PORTS AUTHORITY PRO - XIII	PROJECT TITLE: IMPROVEMENT OF PTB LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	AC'AD BY DATE:	PREPARED BY JEHRA ROSARIO Senior Engineer A	CHECKED / SUBMITTED BY RICHEL R. ARCEO Acting ESD Manager	APPROVED BY ENGR. RODEL G. LAGMAY Acting Port Manager	SHEET NUMBER: S PAGE NUMBER: 1 | 10



C1F1 DETAIL

SCALE: 1:20





BAR DETAILS FOR TIE - BEAM

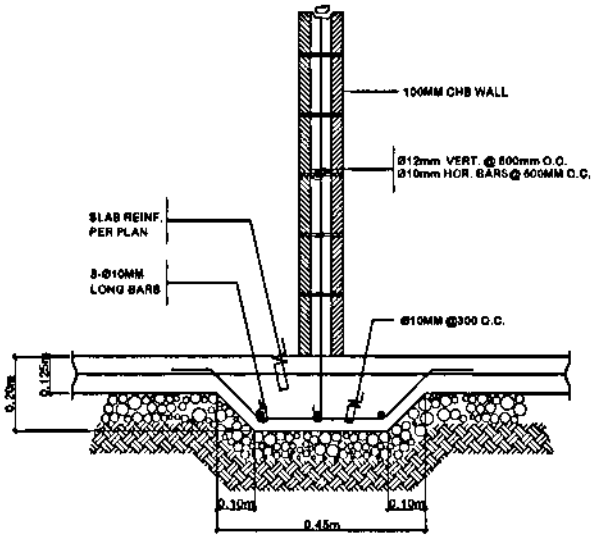
S-02 SCALE 1:20

NOTE:

ANCHORAGE OF SPIRAL REINFORCEMENT SHALL BE PROVIDED BY 1.5 EXTRA TURNS OF SPIRAL BAR.

SPLICES OF SPIRAL REINFORCEMENT SHALL BE LAP SPLICES OF 48d BUT NOT LESS THAN 300mm OR WELDED.

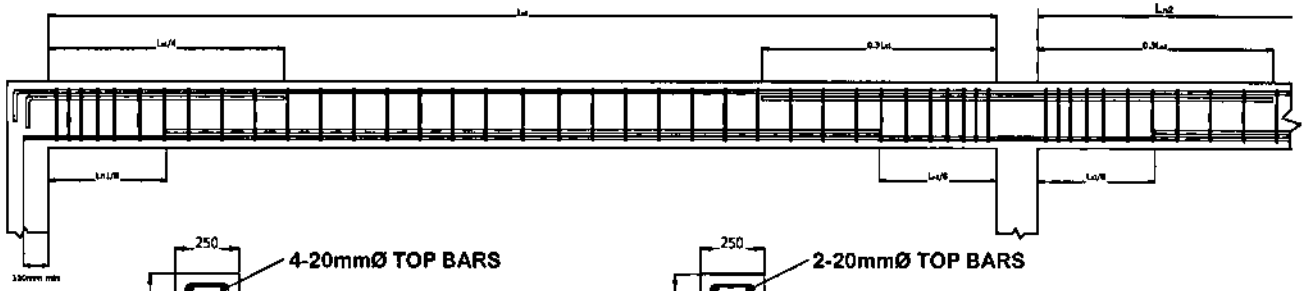
PHILIPPINE PORTS AUTHORITY	PROJECT TITLE	MADE BY	PREPARED BY	CHECKED / SUBMITTED BY	APPROVED BY	SHEET NUMBER
	IMPROVEMENT OF PTB	INDAY, NICOLAS	JAIRA ROSARIO, Engineer A	RICHEL R. ARCEO, Acting ESD Manager	ENGR. RODEL G. LAGMAY, Acting Port Manager	S
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEGROS OCC	DATE:				PAGE NUMBER 2 | 10



W1F1 DETEAIL

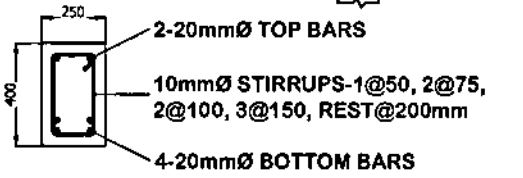
S 03

NDTS





SECTION AT SUPPORT

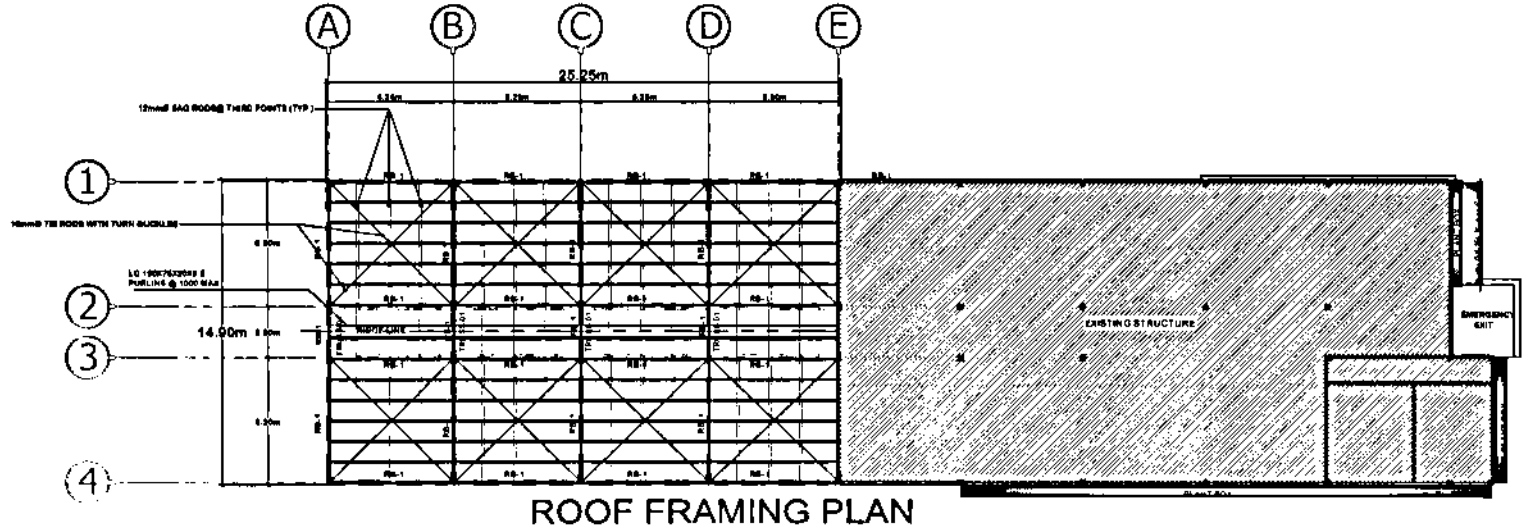


SECTION AT MID SPAN

BAR DETAILS FOR ROOF BEAM

S 04

SCALE 1:20

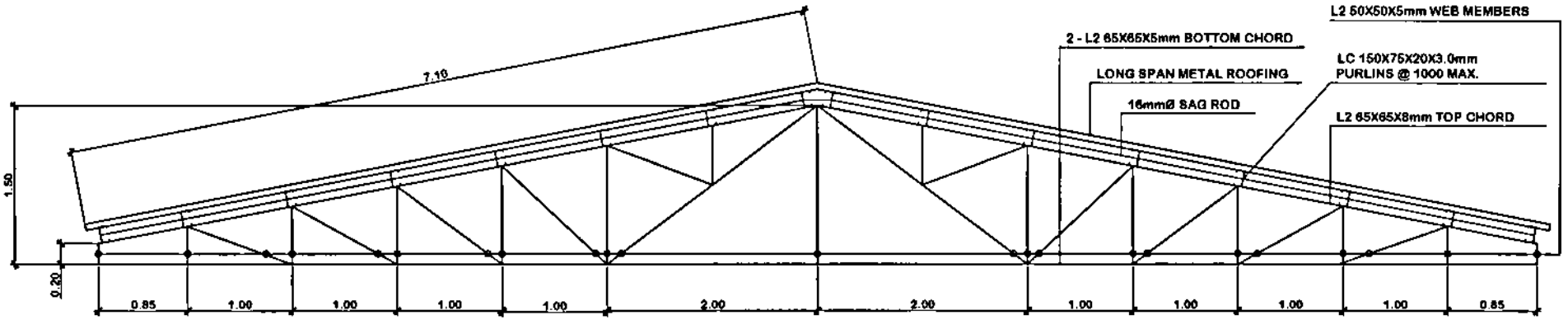


ROOF FRAMING PLAN

S 05

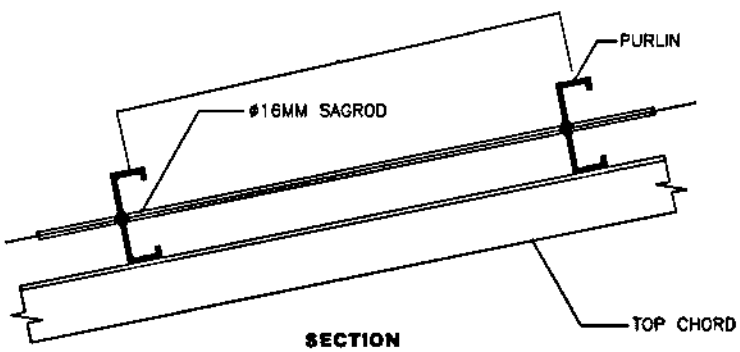
SCALE 1:250

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: INJU. NERUSO	PREPARED BY: JAIRA ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting ESD Manager	APPROVED BY: ENGR. RODEL G. LAGAIAY, Acting Port Manager	SHEET NUMBER: S
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC	DATE:				PAGE NUMBER: 3 | 10

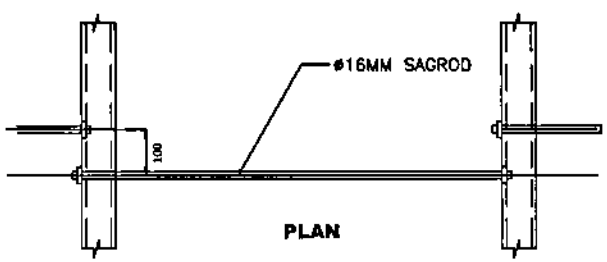


TRUSS 01 DETAIL

S 06 SCALE 1:40

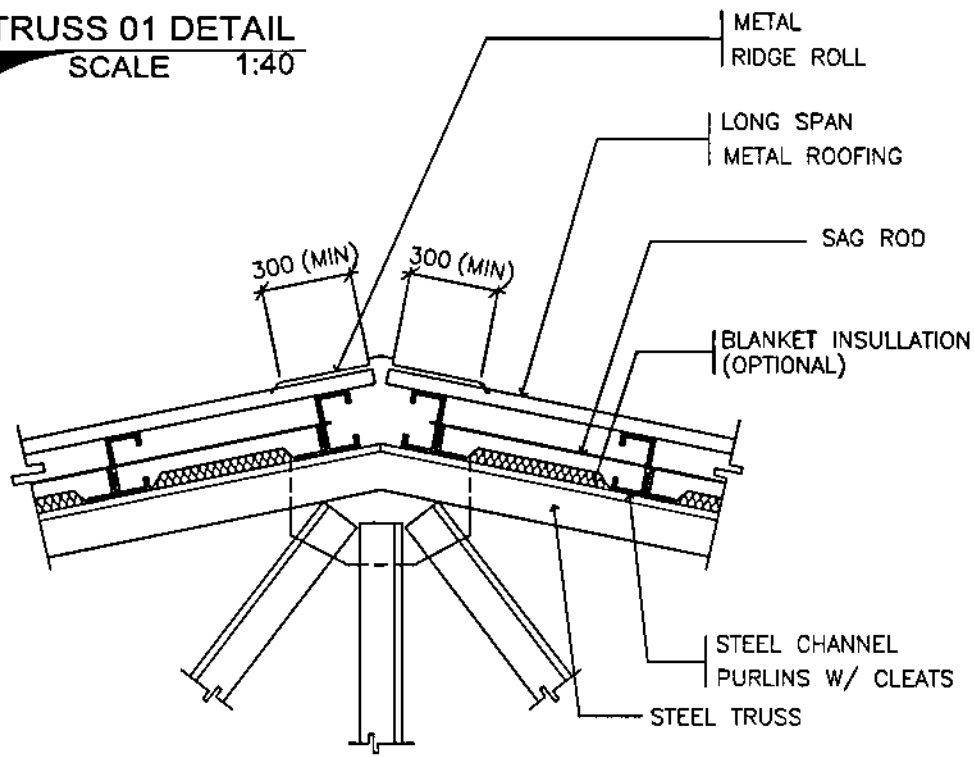


SECTION



PLAN

SAG ROD AND PURLIN CONNECTION DETAIL



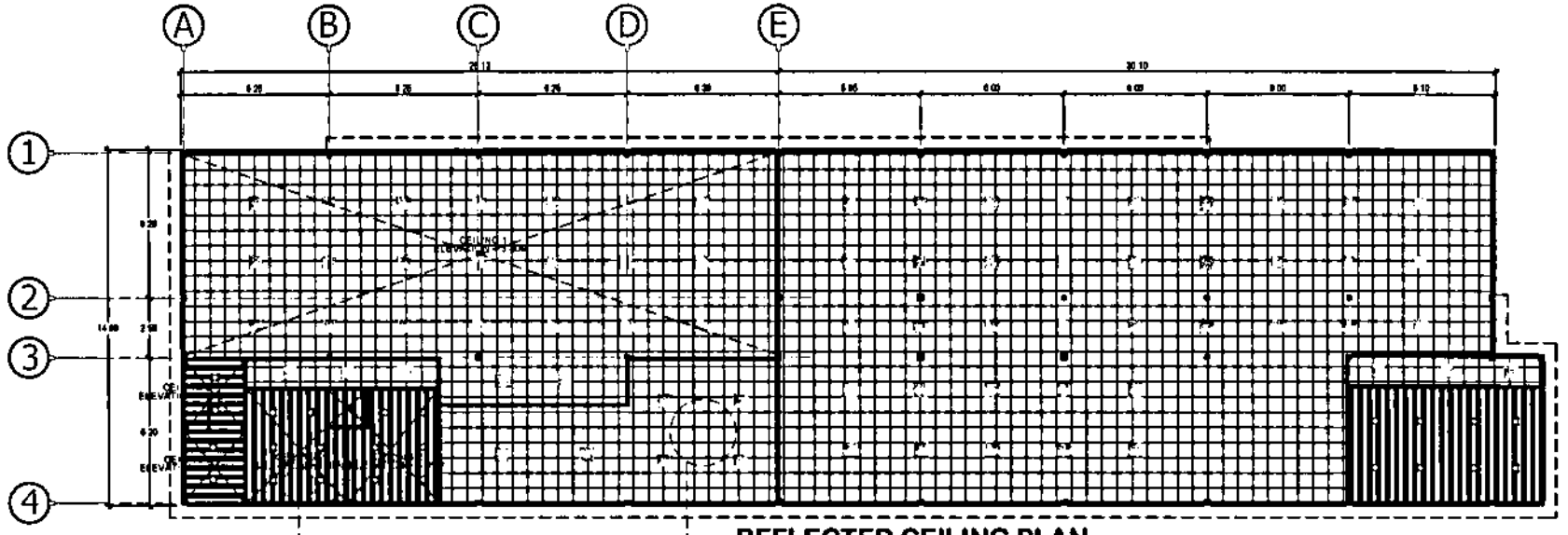
DETAIL

SCALE: NTS

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: PAUL M. ALVISO	PREPARED BY: JUAN A. ROSARIO, Senior Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting ESD Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: S
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER: 4 | 10

LEGEND:

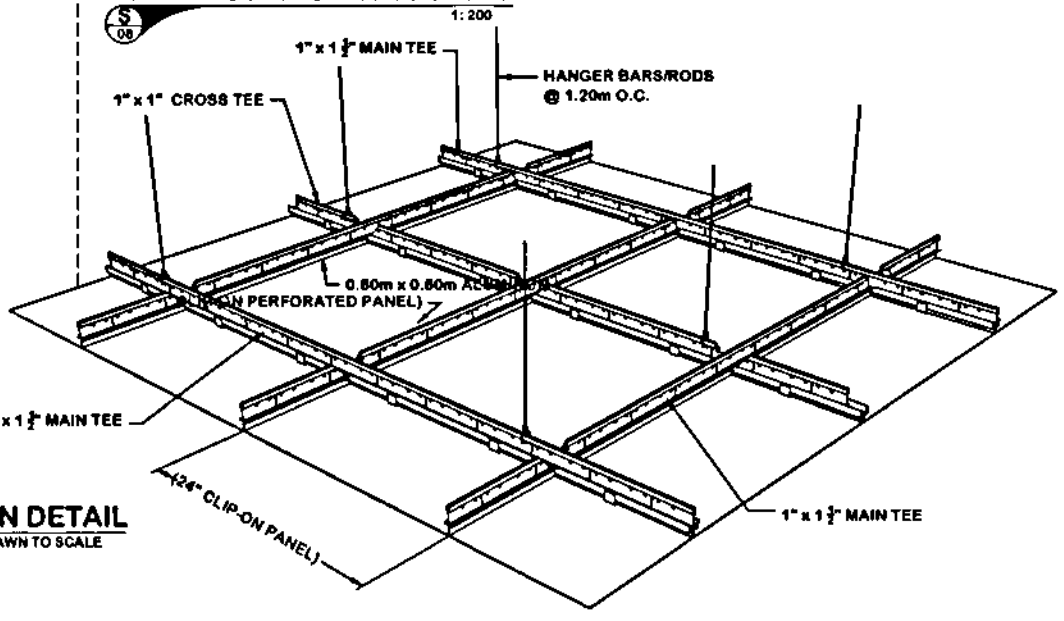
- 0.60m x 0.60m LED PANEL LIGHTS
- 0.60m x 0.60m ALUMINUM PERFORATED CEILING PANEL
- PVC CEILING PANEL
- 18 WATTS DOWN LIGHTS

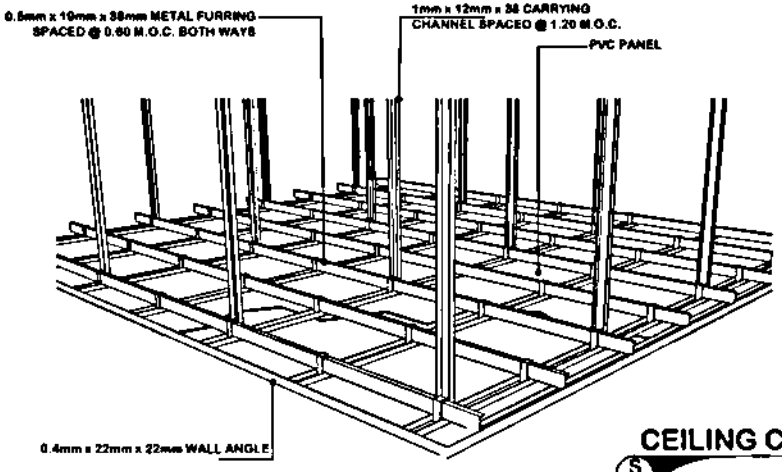


REFLECTED CEILING PLAN

S 08

1: 200



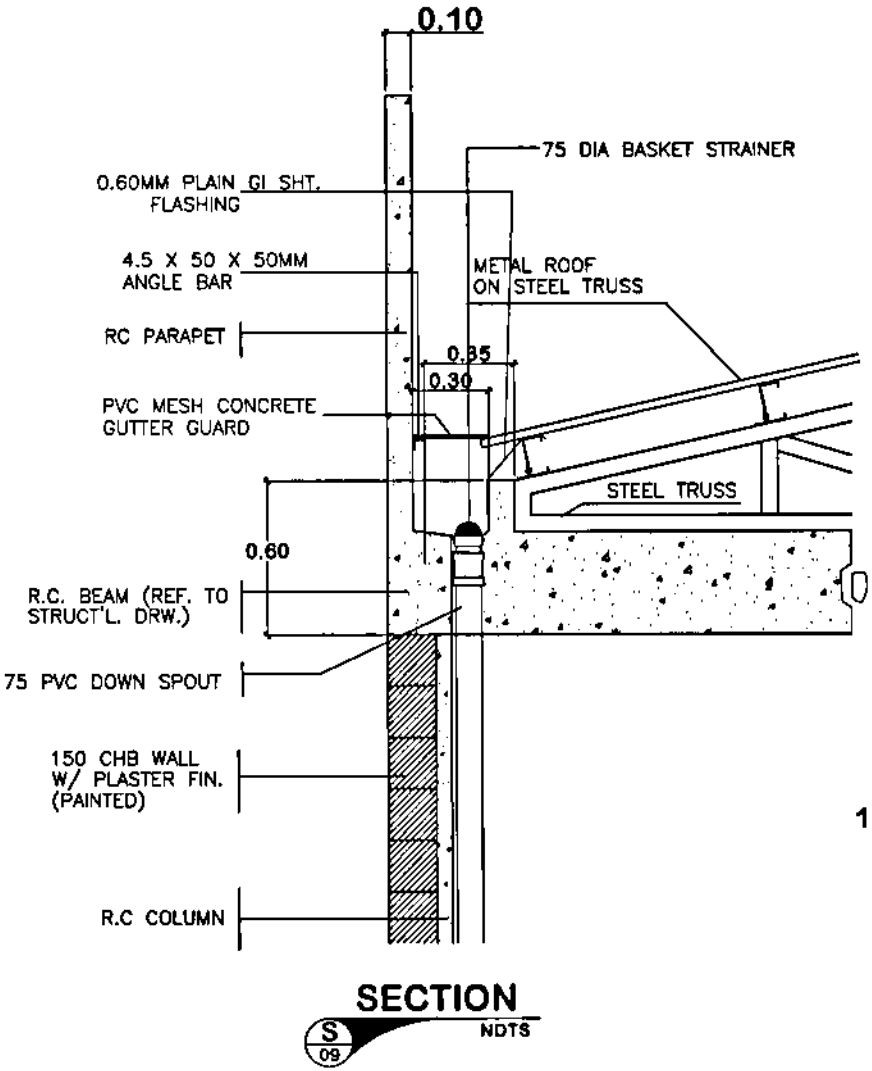


CEILING CONNECTION DETAIL

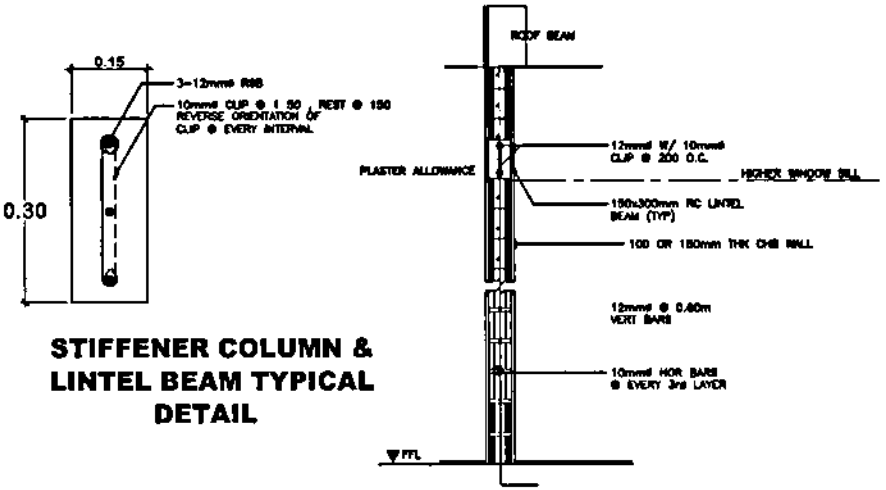
S 07

NOT DRAWN TO SCALE

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	AGAD BY: NOEL S. NEPOMUSO	PREPARED BY: JAIRA L. ROSARIO, Engineer A	CHECKED / REVIEWED BY: RICHEL R. ARCEO, Acting E&D Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Asst Manager	SHEET NUMBER: S
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER: 5 | 10

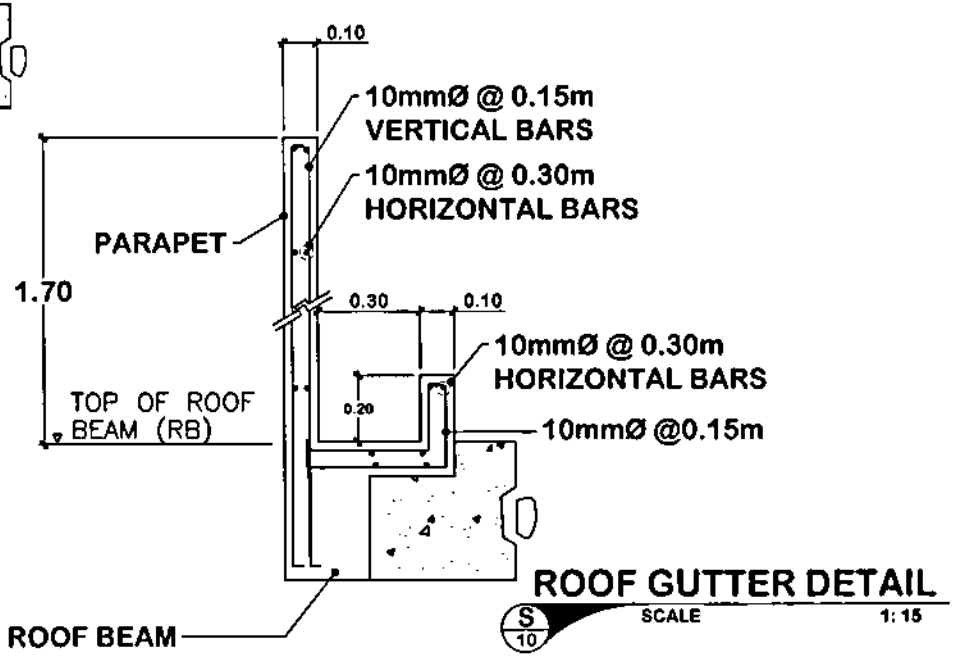


SECTION
S 09 NDTS



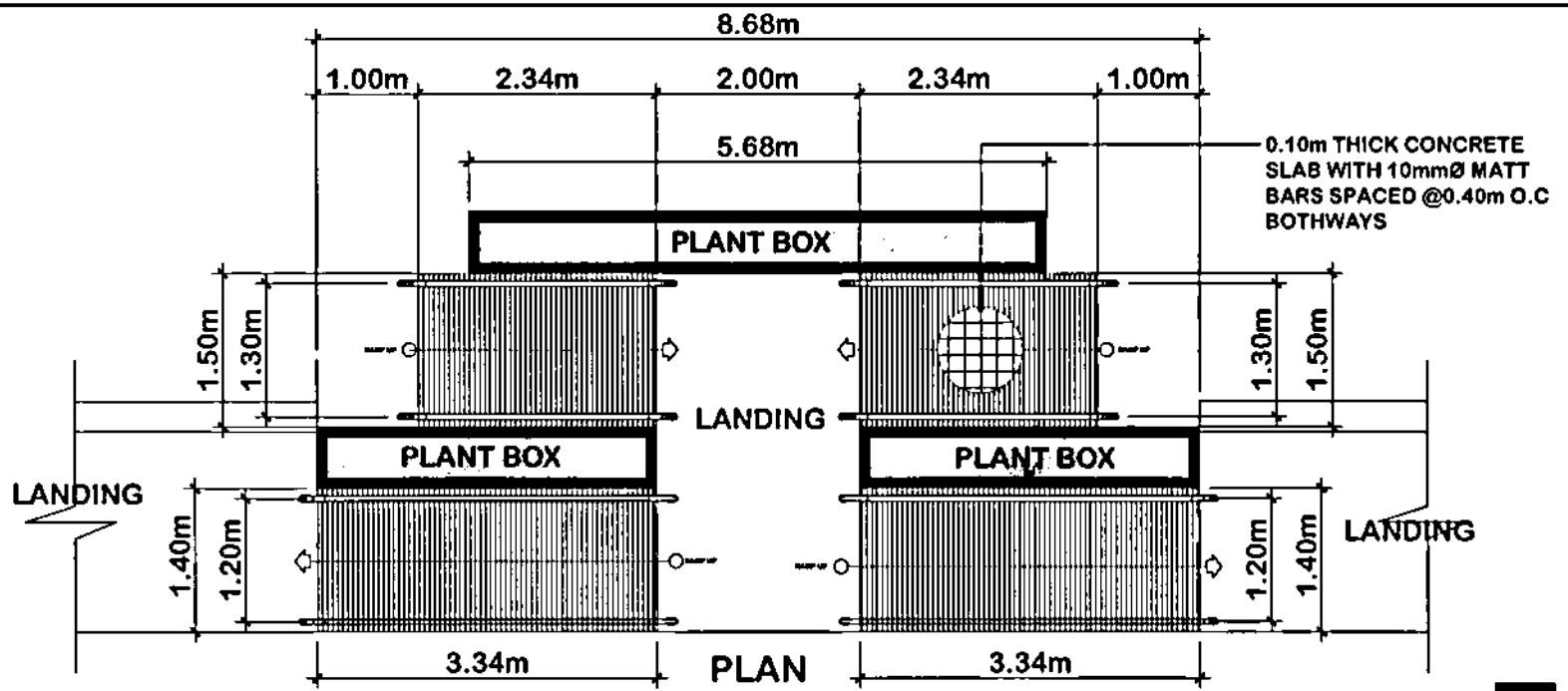
STIFFENER COLUMN & LINTEL BEAM TYPICAL DETAIL

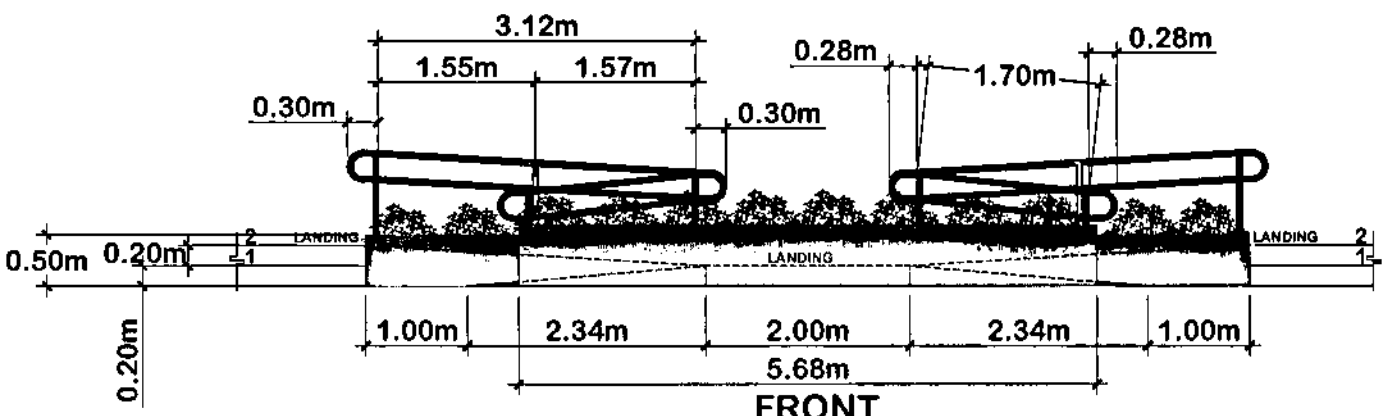
DETAIL OF LINTEL BEAM @ OPEN WALL
SCALE: NDTS

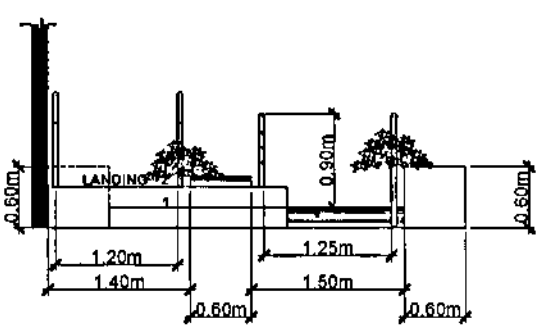


ROOF GUTTER DETAIL
S 10 SCALE 1: 15

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	ACAD BY DATE:	PREPARED BY J. ROSARIO Senior Engineer A	CHECKED / SUBMITTED BY RICHEL R. ARCEO Acting E&D Manager	APPROVED BY ENGR. RODEL G. LAGMAY Acting Port Manager	SHEET NUMBER: S PAGE NUMBER: 6 | 10



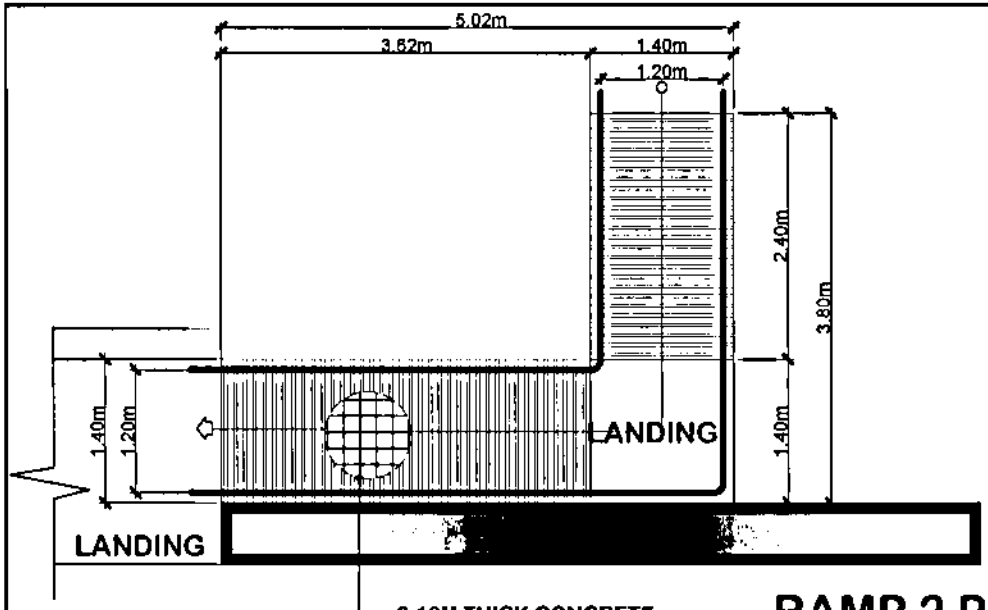




RAMP 1 DETAILS

S-11 SCALE 1:50

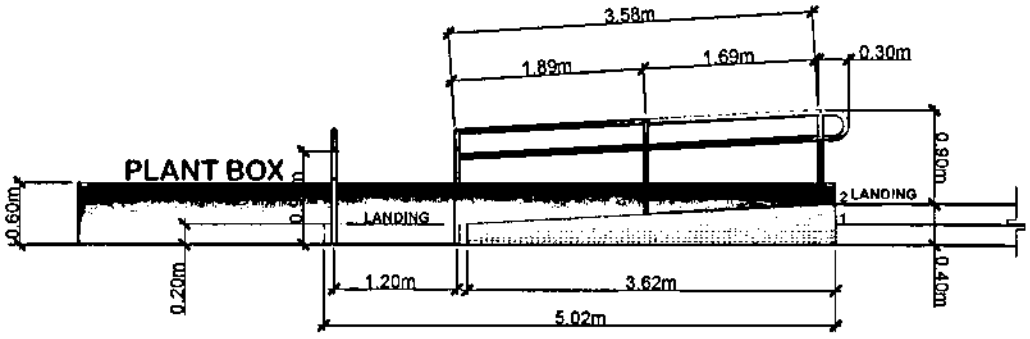
PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: [illegible]	PREPARED BY: JAIRA ROSARIO, Engineer A	CHECKED / RECOMMENDED BY: RICHEL R. ARCEO, Acting E&D Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: S
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				PAGE NUMBER: 7 / 10



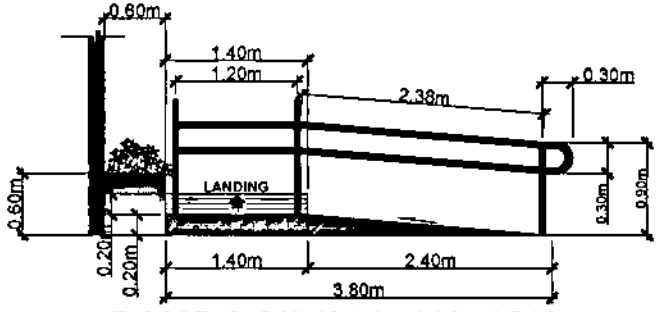
0.10M THICK CONCRETE SLAB WITH 10mmØ MATT BARS SPCAED @0.40 O.C BOTHWAYS

RAMP 2 PLAN DETAILS

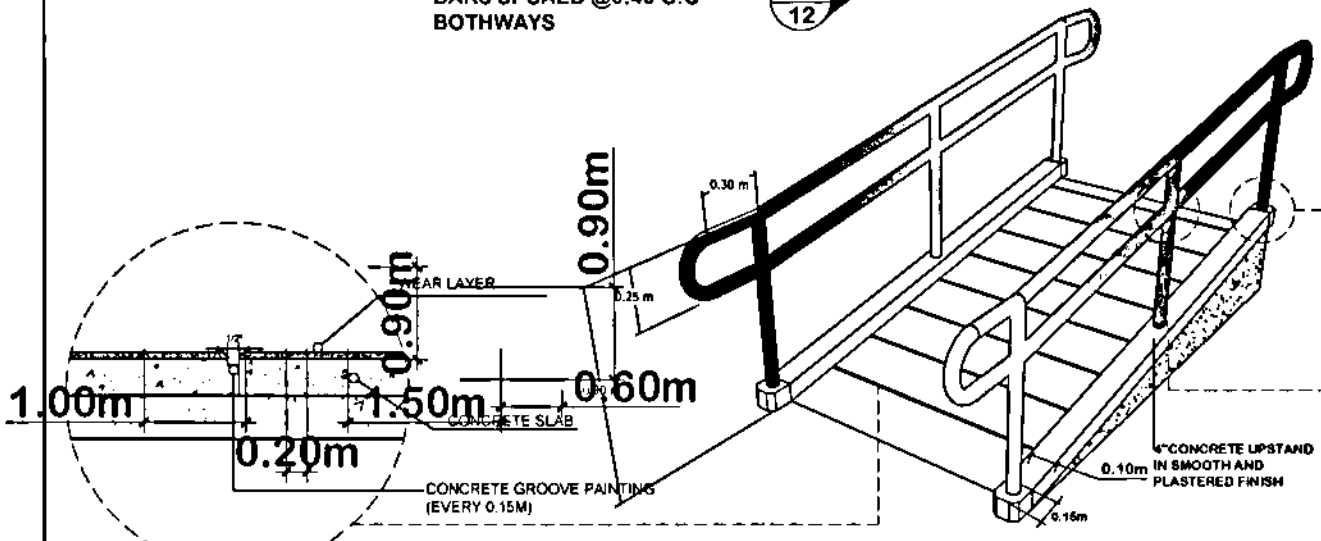
S-12 SCALE 1: 50



RAMP 2 FRONT ELEVATION

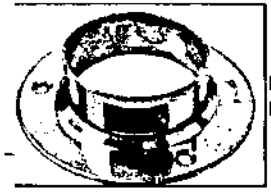


RAMP 2 SIDE ELEVATION



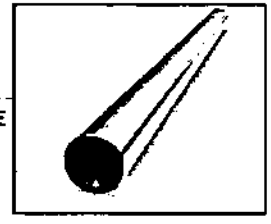
ACCESS RAMP DETAIL

NDTS



RAILING BASE FLANGE

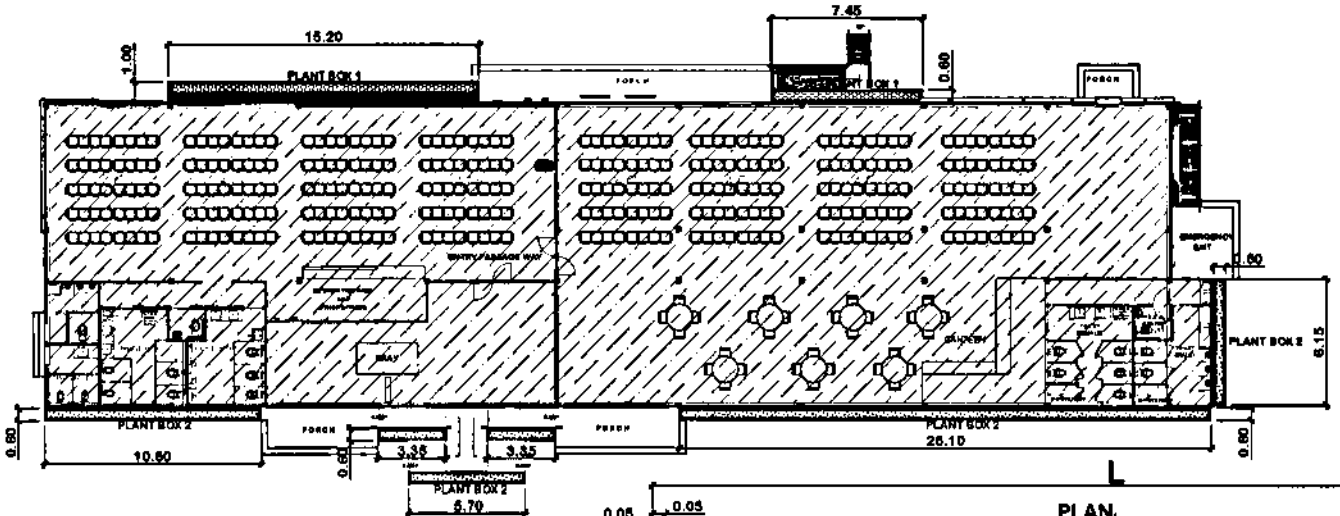
1 ¾"Ø STAINLESS PIPE



PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: ENGR. NOEL SO	PREPARED BY: JAIRA ROSARIO, Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO, Acting ESD Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: S; PAGE NUMBER: 8 | 10
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:				

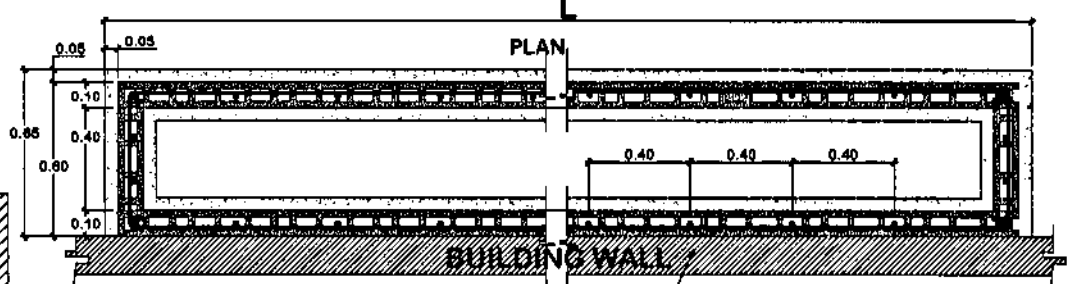
LEGEND:

- PLANT BOX 1
- PLANT BOX 2



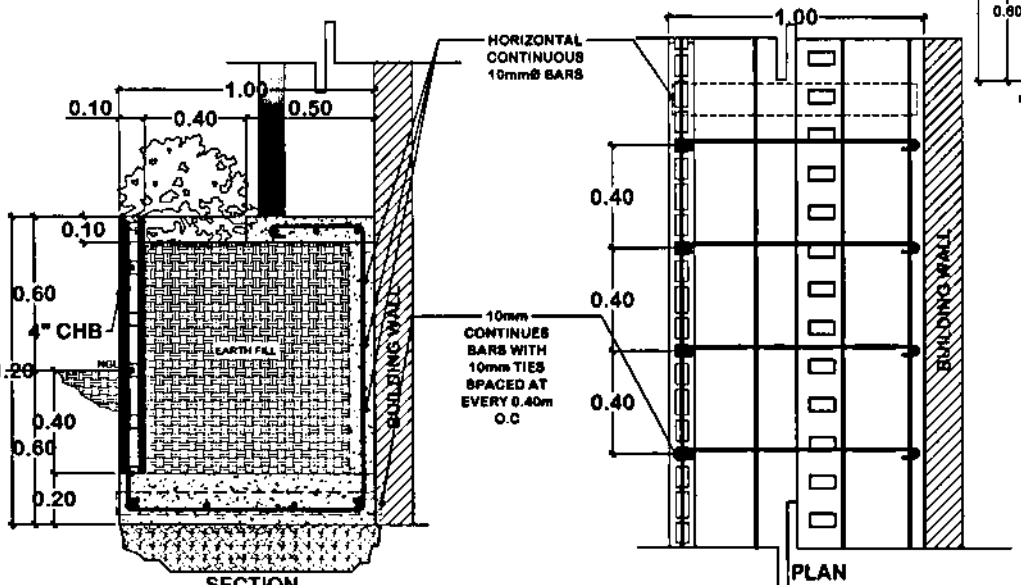
PLANT BOX LOCATION PLAN

S 13 SCALE 1: 250



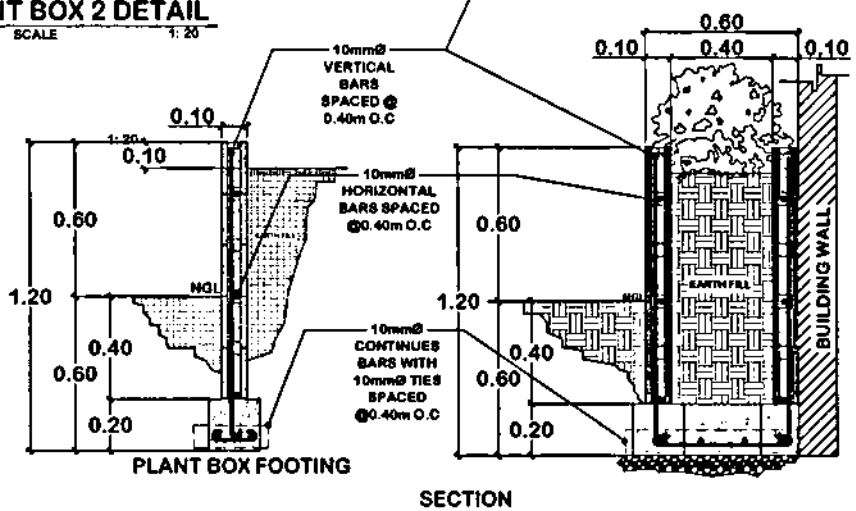
PLANT BOX 2 DETAIL

S 14 SCALE 1: 20

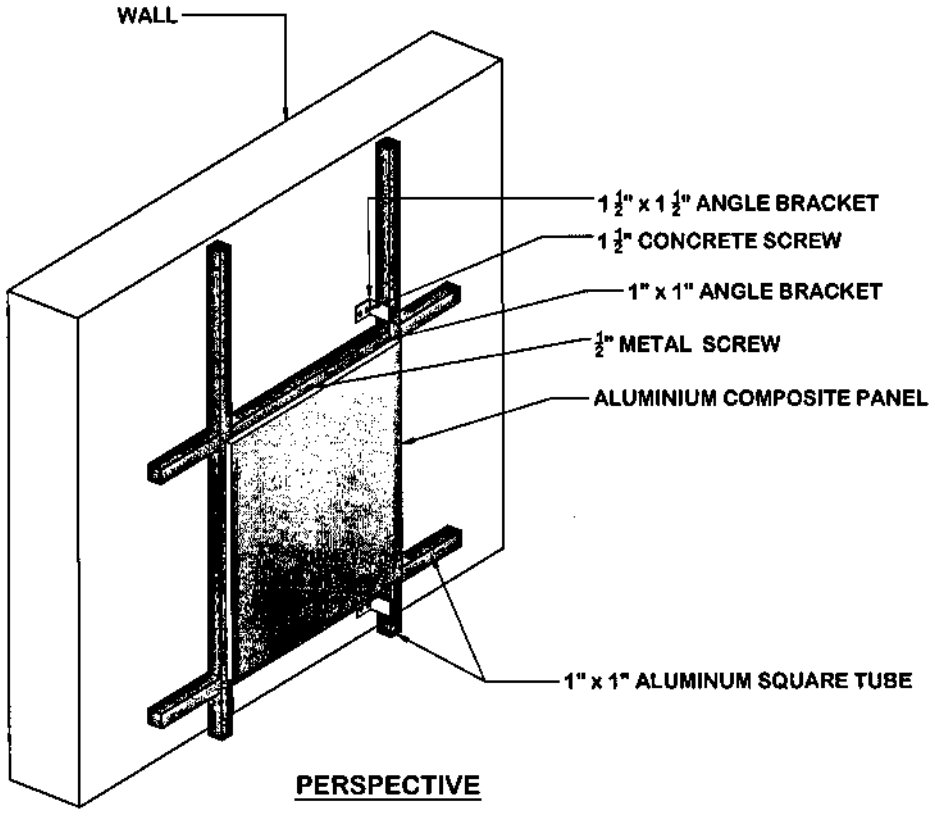


PLANT BOX 1 DETAIL

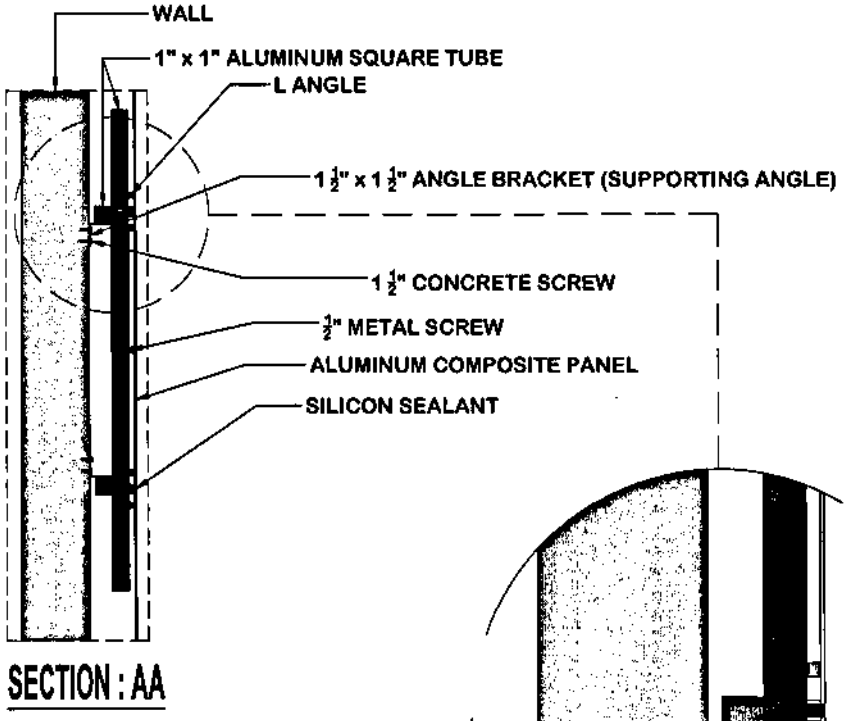
S 15 SCALE 1: 20



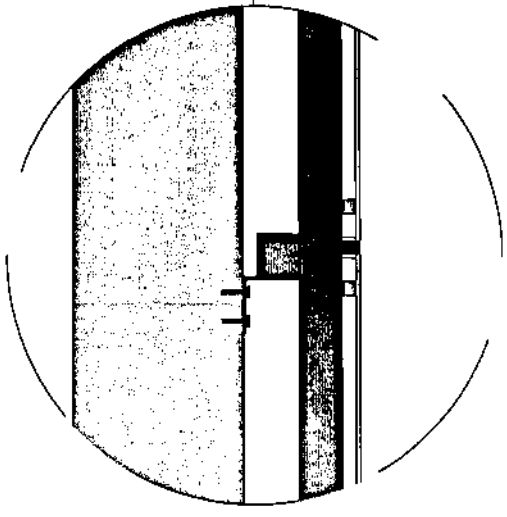
PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB	ACAD BY: INDAY NERVISO Draftsman A	PREPARED BY: JAIRA I. ROSARIO Supervising Engineer A	CHECKED / SUBMITTED BY: RICHEL R. ARCEO Acting ESD Manager	APPROVED BY: ENGR. RODEL G. LAGMAY Acting Port Manager
	LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	DATE:			SHEET NUMBER: S PAGE NUMBER: 9 | 10



PERSPECTIVE



SECTION : AA



ACP DETAIL
S-16 NDTS

PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: IMPROVEMENT OF PTB LOCATION: SAN CARLOS PORT, SAN CARLOS CITY, NEG. OCC.	ACAD BY: NOEL NEMESIO, Draftsman II DATE:	PREPARED BY: JAIRAM T. ROSARIO, Electrical Engineer A	CHECKED / SUBMITTED BY: RACHEL R. ARCEO, Acting ESD Manager	APPROVED BY: ENGR. RODEL G. LAGMAY, Acting Port Manager	SHEET NUMBER: S PAGE NUMBER: 10 | 10

SECTION VIII

BILL OF QUANTITIES and ATTACHMENTS

BID SUMMARY

IMPROVEMENT OF PTB

PORT OF SAN CARLOS, SAN CARLOS CITY, NEGROS OCCIDENTAL

NO.	DESCRIPTION OF WORK	AMOUNT (Pesos)
BILL NO. 1	GENERAL EXPENSES	
BILL NO. 2	CONSTRUCTION/EXTENSION OF PTB	
BILL NO. 3	REFURBISING OF EXISTING OF PTB	
	BID PRICE	-

Name of Firm

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Date

Philippine Ports Authority
PPA Building, Bonifacio Drive,
South Harbor, Port Area, Manila

BILL OF QUANTITIES

IMPROVEMENT OF PTB
PORT OF SAN CARLOS, SAN CARLOS CITY, NEGROS OCCIDENTAL

NO. (1)	DESCRIPTION OF WORKS (2)	UNIT (3)	QUANTITY (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4 X 5)
Bill No. I	GENERAL EXPENSES				
1.01.	Mobilization/Demobilization and Clearing	lot	1.00		
1.02.	Provide Safety and Health Program	mo.	10.00		
1.03.	Provide Temporary Facilities for the Engineer and Staff (Rental)	mo.	10.00		
	TOTAL AMOUNT FOR BILL NO. I				P

Name/Signature of Authorized Signing Official

Philippine Ports Authority
PPA Building, Bonifacio Drive,
South Harbor, Port Area, Manila

BILL OF QUANTITIES

IMPROVEMENT OF PTB
PORT OF SAN CARLOS, SAN CARLOS CITY, NEGROS OCCIDENTAL

NO. (1)	DESCRIPTION OF WORKS (2)	UNIT (3)	QUANTITY (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4 X 5)
Bill No. II	CONSTRUCTION/EXTENSION OF PTB				
2.01.	Demolish and Dispose Existing Concrete Pavement	sq.m.	425.00		
2.02.	Excavation for Building Foundations, Drainage and Septic Vault	cu.m.	203.17		
2.03.	Supply, Place and Compact Aggregate Subbase Course	cu.m.	153.00		
2.04.	Supply, Place and Compact Gravel Bedding For Building Foundation	cu.m.	51.00		
2.05.	Supply and Install Steel Reinforcement For Building Structures	kg.	14,854.00		
2.06.	Supply and Place 4,000 PSI Concrete For Building Structures	cu.m.	126.00		
2.07.	Construct 150mm Thick CHB for Exterior Wall And 100mm Thick CHB for Interior Wall Including Reinforcement	sq.m.	463.00		
2.08.	Supply and Place 25mm Thick Cement Plaster Finish	sq.m.	1,142.39		
2.09.	Supply and Install Electrical Lines And Fixtures	lot	1.00		

Name/Signature of Authorized Signing Official

Philippine Ports Authority
PPA Building, Bonifacio Drive,
South Harbor, Port Area, Manila

BILL OF QUANTITIES

IMPROVEMENT OF PTB
PORT OF SAN CARLOS, SAN CARLOS CITY, NEGROS OCCIDENTAL

NO. (1)	DESCRIPTION OF WORKS (2)	UNIT (3)	QUANTITY (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4 X 5)
Bill No. II	CONSTRUCTION/EXTENSION OF PTB				
2.10.	Supply and Install Glazed Ceramic Floor Tiles, Non-slip Floor Tiles, Glazed Ceramic Wall Tiles and Granite Tile Splash Board and Countertop	sq.m.	676.00		
2.11.	Supply and Install Aluminum Clip-In Perforated Panel Including Accessories (0.60 x 0.60 x 0.07)	sq.m.	307.42		
2.12.	Supply and Install PVC Ceiling Panel Including Accessories	sq.m.	67.58		
2.13.	Supply, Delivery and Installation of Airconditioning Unit Including Testing and Commissioning	set	8.00		
2.14.	Supply, Deliver and Install Gang-Chairs And Accessories	set	50.00		
2.15.	Supply and Install Water Line, Sanitary Pipes and Fittings And Toilet Fixtures Including Accessories	lot	1.00		
2.16.	Construct Septic Vault, Supply and Install Catchbasin And Downspout	lot	1.00		
2.17.	Supply, Fabricate, Paint and Install Steel Truss, Rafter, Purlins and Roofing Sheets Including Accessories	sq.m	375.00		
2.18.	Supply and Install PPA Logo For PTB Including Accessories	lot	1.00		

Philippine Ports Authority
PPA Building, Bonifacio Drive,
South Harbor, Port Area, Manila

BILL OF QUANTITIES

IMPROVEMENT OF PTB
PORT OF SAN CARLOS, SAN CARLOS CITY, NEGROS OCCIDENTAL

2.19	Supply, Fabricate and Install Phenolic Antibacterial Waterproof Toilet Partition 12mm Thk. Including Stainless Hinges Indicators, Bottom Support Door Knobs and Coat Hooks	lot	1.00		
2.20.	Supply and Install Aluminum Composite Panels And Accessories	sq.m.	110.50		
2.21.	Supply and Install Fabricated 1.5mm Thk. Aluminum Framed Doors and Windows Including Glass and Accessories	lot	1.00		
2.22.	Supply and Place Landscaping Material In Plant Boxes	lot	1.00		
2.23.	Supply and Apply Elastomeric Paint Interior And Exterior	sq.m	957.22		
2.24.	Supply, Fabricate and Install Powder-Coated Steel Tube	lot	1.00		
2.25.	Supply, Deliver and Install Fire Detection Alarm System (FDAS)	lot	1.00		
2.26.	Supply, Deliver and Install Fire Extinguishers And Other Accessories	lot	1.00		
2.27.	Supply, Fabricate and Install Stainless Handrail At Entry Porch PWD Ramp 1	lot	1.00		
2.28.	Construct Plantboxes Including Plastering and Painting	sq.m	80.06		
2.29.	Supply, Fabricate And Install Aluminum Frame and Glass Partition for GAD Amenities, Ballistic and Terminal Fee Room	sq.m	79.63		
2.30.	Supply,Fabricate and Install WPC Indoor Wall Panel, Marine Laminated Plywood	lot	1.00		
	TOTAL AMOUNT FOR BILL NO. II				P

Name/Signature of Authorized Signing Official

Philippine Ports Authority
PPA Building, Bonifacio Drive,
South Harbor, Port Area, Manila

BILL OF QUANTITIES

IMPROVEMENT OF PTB
PORT OF SAN CARLOS, SAN CARLOS CITY, NEGROS OCCIDENTAL

NO. (1)	DESCRIPTION OF WORKS (2)	UNIT (3)	QUANTITY (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4 X 5)
Bill No. III	REFURBISHING OF EXISTING PTB				
3.01.	Demolition And Disposal of Existing CHB Wall Partition, Removal of Existing Ceiling and Floor Tiles And Removal Of Canopy	sq.m.	1,091.78		
3.02.	Supply and Install Aluminum Clip-In Perforated Panel Including Accessories (0.60 x 0.60 x 0.07)	sq.m.	414.00		
3.03.	Supply and Install Pvc Ceiling Panel (2.9m x .25m x 0.075m)	sq.m.	48.00		
3.04.	Supply and Install Glazed Ceramic Floor Tiles And Non-Skid Ceramic Floor Tiles	sq.m.	414.00		
3.05.	Supply and Install Aluminum Composite Panels And Accessories	set	127.50		
3.06.	Supply, Fabricate and Install Powder-coated Steel Tube	lot	1.00		
3.07.	Supply and Install Electrical Lines And Fixtures	lot	1.00		
3.08.	Supply and Apply Elastomeric Paint	sq.m.	689.86		
3.09.	Supply and Place Concrete Including Reinforcement For Canopy, Entry Porch, and PWD Ramp 2	sq.m.	61.20		

Philippine Ports Authority
PPA Building, Bonifacio Drive,
South Harbor, Port Area, Manila

BILL OF QUANTITIES

IMPROVEMENT OF PTB
PORT OF SAN CARLOS, SAN CARLOS CITY, NEGROS OCCIDENTAL

3.10.	Supply and Place Stone Cladding	sq.m.	3.60		
3.11.	Construct Plantboxes Including Plastering and Painting	sq.m.	90.66		
3.12.	Supply, Fabricate and Install Stainless Handrail at Entry Porch PWD Ramp 2	lot	1.00		
3.13.	Supply, Fabricate And Install Phenolic Antibacterial Waterproof Toilet	lot	1.00		
3.14.	Partition 12mm Thk. Including Stainless Hinges Indicators, Bottom Support Door Knobs And Coat Hooks Provision of Cafeteria Counter, Chairs, and Tables Including Accessories	lot	1.00		
	TOTAL AMOUNT FOR BILL NO. III				P

Name/Signature of Authorized Signing Official

BASIS OF PAYMENT FOR WORK ITEMS INCLUDED IN THE PROPOSAL

The work items included in the proposal and the basis of payments are as follows:

BILL NO. 1

Item 1.01 Mobilization/ Demobilization and Clearing

The quantity to be paid for shall be the minimum equipment requirement enumerated in the bid documents mobilized, demobilized and cleaning of the site and accepted by the Engineer. The contract lump sum price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to mobilize and demobilize all the minimum equipment requirement enumerated in the bid documents including cleaning of the site. Fifty percent (50%) of the total amount shall be payable after the mobilization activity while the remaining (50%) payable after demobilization and cleaning.

Item 1.02 Provide Safety and Health Program

The quantity to be paid for shall be the actual implementation of construction safety and health program as accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, tools, and incidentals necessary to complete its implementation, as required and approved by the Department of Labor and Employment (DOLE).

Item 1.03 Provide Temporary Facilities for the Engineer and Staff (Rental)

The quantity to be paid for shall be the actual services rendered in the rental of temporary facilities as accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, tools, and incidentals necessary to complete the maintenance of the temporary site office and residence as well as other expenses such as provision for electric power, telephone bill, potable water supply, janitorial and security services.

BILL NO. 2

CONSTRUCTION/EXTENSION OF PTB

Item 2.01 Demolish and Dispose Existing Concrete Pavement

Payment shall be made at the contract unit price per square meter for the demolition and dispose existing concrete pavement. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.02 Excavation for Building Foundations, Drainage and Septic Vault

Payment shall be made at the contract unit price per cubic meter for excavation and backfilling works for building foundations, drainage and septic vault. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and

applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.03 Supply, Place and Compact Aggregate Subbase Course

Payment shall be made at the contract unit price per cubic meter for supply, place and compaction aggregate subbase course. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.04 Supply, Place and Compact Gravel Bedding for Building Foundation

Payment shall be made at the contract unit price per cubic meters for supply, place and compacting of gravel bedding for building foundation. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.05 Supply and Install Steel Reinforcement for Building Structures

Payment shall be made at the contract unit price per kilogram for supply and installation of steel reinforcement for building structures. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.06 Supply and Place 4,000 PSI Concrete For Building Structures

Payment shall be made at the contract unit price per cubic meter for supply and place 4000 PSI Concrete for the Building Structure. This price shall be full compensation for all preparation, furnishing of materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.07 Construct 150mm Thick CHB for Exterior Wall And 100mm Thick CHB for Interior Wall Including Reinforcement

Payment shall be made at the contract unit price per square meter for the construction of 150 mm thick CHB for exterior wall and 100mm thick CHB for interior wall including reinforcement. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.08 Supply and Place 25mm Thick Cement Plaster Finish

Payment shall be made at the contract unit per square meters for supply and place 25mm thick cement plaster finish. This price shall be square meters full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.09 Supply and Install Electrical Lines And Fixtures

Payment shall be made at the contract unit per lot for supply and installation of electrical lines and fixtures. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.10 Supply and Install Glazed Ceramic Floor Tiles, Non-Slip Floor Tiles, Glazed Ceramic Wall Tiles and Granite Tile Splash Board And Countertop

Payment shall be made at the contract unit per square meter for supply and installation of glazed ceramic floor tiles, non-slip floor tiles, glazed ceramic wall tiles and granite tile splash board and countertop. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.11 Supply and Install Aluminum Clip-In Perforated Panel Including Accessories (0.60 x 0.60 x 0.07)

Payment shall be made at the contract unit per square meter for supply and installation aluminum clip-in Perforated Panel including accessories (0.60 x 0.60 x 0.07). This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.12 Supply and Install PVC Ceiling Panel Including Accessories

Payment shall be made at the contract unit per square meter for supply and installation of PVC ceiling panel including accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.13 Supply, Delivery and Installation of Airconditioning Unit Including Testing and Commissioning

Payment shall be made at the contract unit per set for supply, delivery and installation of airconditioning unit including testing and commissioning. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.14 Supply, Deliver and Install Gang-Chairs And Accessories

Payment shall be made at the contract unit per set for supply, deliver and installation of Gang-Chairs And Accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.15 Supply and Install Water Line, Sanitary Pipes and Fittings and Toilet Fixtures Including Accessories

Payment shall be made at the contract unit per lot for supply and installation of water line, sanitary pipes and fittings and toilet fixtures including accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.16 Construct Septic Vault, Supply and Install Catchbasin and Downspout

Payment shall be made at the contract unit per lot for construction of septic vault, supply and install catchbasin and downspout. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.17 Supply, Fabricate, Paint and Install Steel Truss, Rafter, Purlins and Roofing Sheets Including Accessories

Payment shall be made at the contract unit per square meter for supply, fabricate, paint and installation of steel truss, rafter, purlins and roofing sheets including accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.18 Supply and Install PPA Logo For PTB Including Accessories

Payment shall be made at the contract unit per lot for supply and installation of PPA logo for PTB including accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.19 Supply, Fabricate and Install Phenolic Antibacterial Waterproof Toilet Partition 12mm Thk. Including Stainless Hinges Indicators, Bottom Support Door Knobs and Coat Hooks

Payment shall be made at the contract unit per lot for supply, fabricate and installation of phenolic antibacterial waterproof toilet partition 12mm thk. including stainless hinges indicators, bottom support door knobs and coat hooks. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.20 Supply and Install Aluminum Composite Panels And Accessories

Payment shall be made at the contract unit per square meter for supply and installation of aluminum composite panels and accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.21 Supply and Install Fabricated 1.5mm Thk. Aluminum Framed Doors and Windows Including Glass and Accessories

Payment shall be made at the contract unit per lot for supply and installation of fabricated 1.5mm thk. aluminum framed doors and windows including glass and accessories. This price shall be full compensation for furnishing all materials and for all

preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.22 Supply and Place Landscaping Material in Plant Boxes

Payment shall be made at the contract unit per lot for supply and placement of landscaping material in plant boxes. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.23 Supply and Apply Elastomeric Paint Interior And Exterior

Payment shall be made at the contract unit in square meters for supply and application of elastomeric paint interior and exterior. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.24 Supply, Fabricate and Install Powder-Coated Steel Tube

Payment shall be made at the contract unit in lot for supply, fabricate and installation of powder-coated steel tube. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.25 Supply, Deliver and Install Fire Detection Alarm System (FDAS)

Payment shall be made at the contract unit in lot for supply, delivery and installation of Fire Detection Alarm System. This price shall be full compensation for furnishing all materials and for all preparation, delivery, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.26 Supply, Deliver and Install Fire Extinguishers and Other Accessories

Payment shall be made at the contract unit in lot for the supply, delivery and installation of fire extinguishers and other accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.27 Supply, Fabricate and Install Stainless Handrail At Entry Porch PWD Ramp 1

Payment shall be made at the contract unit in lot for supply, fabricate and installation of stainless handrail at entry porch pwd ramp 1. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.28 Construct Plantboxes Including Plastering and Painting

Payment shall be made at the contract unit per square meter for constructions of plantboxes including plastering and painting. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.29 Supply, Fabricate And Install Aluminum Frame and Glass Partition for GAD Amenities, Ballistic and Terminal Fee Room

Payment shall be made at the contract unit per square meter for supply, fabricate, and installation of Aluminum Frame and Glass Partition for GAD Amenities, Ballistic and Terminal Fee Room. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.30 Supply, Fabricate and Install WPC Indoor Wall Panel, Marine Laminated Plywood

Payment shall be made at the contract unit in lot for supply, fabricate, and installation of WPC indoor wall panel, marine laminated plywood. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

BILL NO. 3

REFURBISHING OF EXISTING PTB

Item 3.01 Demolition and Disposal Of Existing CHB Wall Partition, Removal of Existing Ceiling And Floor Tiles and removal of canopy

Payment shall be made at the contract unit price per square meter for demolition and disposal of existing CHB wall partition, removal of existing ceiling and floor tiles. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.02 Supply and Install Aluminum Clip-In Perforated Panel Including Accessories (0.60 X 0.60 X 0.07)

Payment shall be made at the contract unit price per square meter for supply and installation aluminum clip-in perforated panel including accessories (0.60 x 0.60 x 0.07). This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.03 Supply and install PVC Ceiling Panel (2.9m x .25m x 0.075m)

Payment shall be made at the contract unit price per square meter for supply and installation of PVC ceiling panel (2.9m x .25m x 0.075m). This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.04 Supply and Install Glazed Ceramic Floor Tiles And Non-Skid Ceramic Floor Tiles

Payment shall be made at the contract unit price per square meter for supply and installation of glazed ceramic floor tiles and non-skid ceramic floor tiles. This price shall be full compensation for furnishing all materials and for all preparation, delivering,

and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.05 Supply and Install Aluminum Composite Panels and Accessories

Payment shall be made at the contract unit price per set for supply and installation of aluminum composite panels and accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.06 Supply, Fabricate and Install Steel Tube

Payment shall be made at the contract unit price per lot for supply, fabricate, and installation of steel tube. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.07 Supply and Install Electrical Lines and Fixtures

Payment shall be made at the contract unit price per lot for supply and installation of electrical lines and fixtures. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.08 Supply and Apply Elastomeric Paint

Payment shall be made at the contract unit price per square meter for supply and application of elastomeric paint. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.09 Supply and Place Concrete Including Reinforcement For Canopy, Entry Porch and PWD Ramp 2

Payment shall be made at the contract unit price per square meter for supply and placement of concrete including reinforcement for canopy, entry porch and PWD ramp 2. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.10 Supply and Place Stone Cladding

Payment shall be made at the contract unit price per square meter for supply and placement of stone cladding. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.11 Construct Plantboxes Including Plastering and Painting

Payment shall be made at the contract unit price per square meter for construction of plantboxes including plastering and painting. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.12 Supply, Fabricate And Install Stainless Handrail At Entry Porch PWD Ramp 2

Payment shall be made at the contract unit price per lot for supply, fabricate, and installation of stainless handrail at entry porch PWD ramp 2. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.13 Supply, Fabricate and Install Phenolic Antibacterial Waterproof Toilet Partition 12mm Thk. Including Stainless Hinges Indicators, Bottom Support Door Knobs and Coat Hooks

Payment shall be made at the contract unit price per lot for supply, fabricate, and installation of phenolic antibacterial waterproof toilet partition 12mm thk. including stainless hinges indicators, bottom support door knobs and coat hooks. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 3.14 Provision of cafeteria counter, chairs and tables including accessories

Payment shall be made at the contract unit price per lot for provision of cafeteria counter, chairs and tables including accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

FACILITIES TO BE PROVIDED FOR THE ENGINEER & HIS STAFF

RENTAL OF SITE OFFICE AND RESIDENCE FOR THE ENGINEER & STAFF

The Contractor shall provide a temporary site office and residence (rental) with an area of at least 48 square meters for use of the Engineer and his staff for the whole duration of the project.