SECTION VII

DRAWINGS
(APPROVED PLANS)

SECTION VII

DRAWINGS AND APPROVED PLANS
(SEE ISSUED APPROVED PLANS)

LIST OF DRAWINGS:

A-1 to A-34	=	Architectural Plans
S-1 to S-12	=	Structural Plans
1 to 5	=	Temporary Passenger Terminal Building Plans
1 to 4	=	Temporary Port Operational Building Plans
P-1 to P-11	=	Plumbing Plans
PH-1 to PH-12	=	Pump House Plans
E-1 to E-12	=	Electrical Plans
ACU-1 to ACU-3	=	Air Conditioning Unit Plans
BGM-1 to BGM-3	=	Background Music/Public Address System Plans
FDAS-1 to FDAS-3	=	Fire Detection and Alarm System Plans
CATV/TEL-1 to CATV/TEL-3	=	CATV and Telephone Plans
PCR-1 to PCR-12	=	Public Comfort Room Plans
FP-1 to FP-5	=	Fire Protection Plans

SECTION VII

DRAWINGS AND APPROVED PLANS
(SEE ISSUED APPROVED PLANS)

LIST OF DRAWINGS:

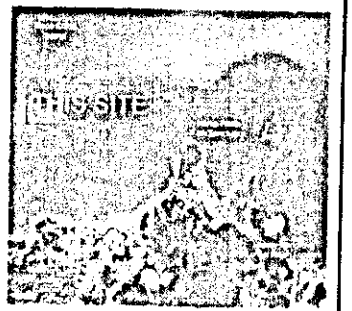
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CATV/TEL-1 to CATV/TEL-3	=	CATV and Telephone Plans
FP-1 to FP-9	=	Fire Protection Plans
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FDAS-1 to FDAS-3	=	Fire Detection and Alarm System Plans
PCR-1 to PCR-12	=	Public Comfort Room Plans

PHILIPPINE PORTS AUTHORITY

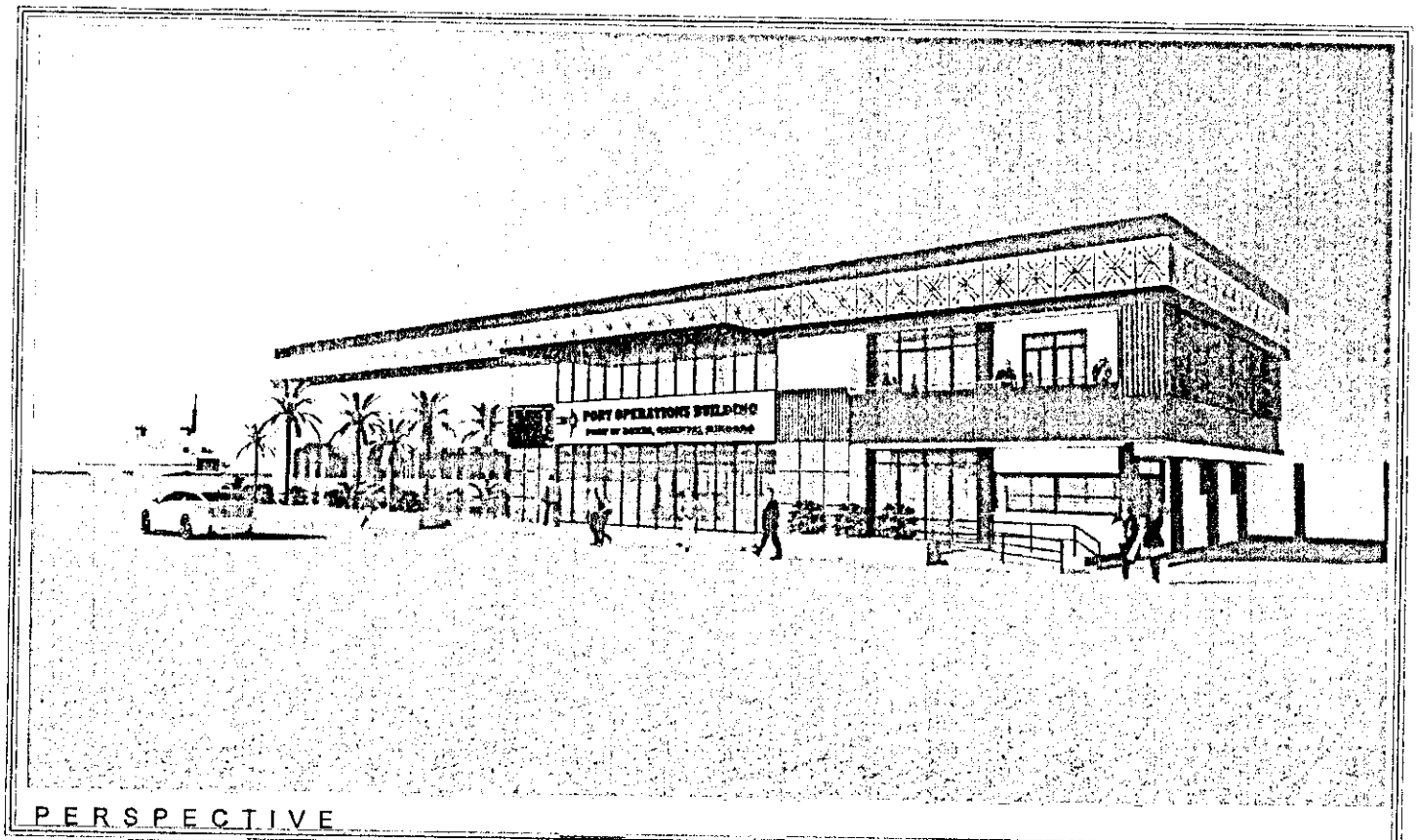
PMO- MINDORO

REHABILITATION AND EXPANSION OF PTB ROXAS

PORT OF ROXAS, ORIENTAL MINDORO



VICINITY MAP
NOT TO SCALE



PERSPECTIVE

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
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Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

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STRUCTURAL NOTES:

CONCRETE CONSTRUCTION :

- REINFORCING BAR DETAILS FOR ALL REINFORCED CONCRETE WORKS SHALL BE IN ACCORDANCE WITH ACI 318M (BLDG. CODE REQUIREMENTS FOR REINFORCED CONCRETE AND WITH ACI 315 (STANDARD PRACTICE OF DETAILING REINFORCED CONCRETE STRUCTURES).
- UNLESS INDICATED ON THE DRAWINGS, ALL EXPOSED CORNERS OF CONCRETE SHALL BE CHAMFERED.
- NO FLOOR SHALL SUPPORT ANY TEMPORARY WORKS UNLESS THE 28-DAYS COMPRESSIVE STRENGTH IS DEVELOPED.
- NO SPLICE SHALL BE PERMITTED ON BEAM REBARS AT POINTS WHERE CRITICAL BENDING STRESSES OCCURS.
- SPLICES FOR MAIN BARS SHOULD HAVE A MINIMUM OF FORTY(40) TIMES BAR DIAMTER
- WHEN BEAM CROSSES A GIRDER, REST BEAM BARS ON TOP OF GIRDER BARS.
  IF THE SLAB IS REINFORCED BOTH WAYS, THE BARS ALONG THE SHORT SPAN SHALL BE AT THE LOWER LAYER FOR BOTTOM BARS, AND AT THE UPPER LAYER FOR TOP BARS.
- WHEREVER BARS ARE PROVIDED IN TWO LAYERS NOT TOUCHING EACH OTHER, SPACER BARS OF DIAMETER NOT LESS THAN 25mm SHALL BE PROVIDED AT 120mm C/C.
- FORM REMOVAL
  - A. FORMWORK NOT SUPPORTING CONCRETE, SUCH AS SIDES OF BEAMS, WALLS, COLUMNS, AND SIMILAR PARTS OF THE WORK, MAY NOT BE REMOVED AFTER CUMMULATIVELY CURING AT NOT LESS THAN 10-DEGREES CENTIGRADE FOR 48-HOURS AFTER PLACING CONCRETE, PROVIDED CONCRETE IS SUFFICIENTLY HARD TO NOT BE DAMAGED BY FORM REMOVAL OPERATION, AND PROVIDED THAT CURING PROTECTION OPERATIONS ARE MAINTAINED.
  - B ALL FORMS SHALL BE STRIPPED OR REMOVED WITH CARE SO AS NOT TO DAMAGED THE CONCRETE DUE TO SHOCK AND VIBRATIONS. THE FOLLOWING SHALL BE TAKEN AS A GUIDE TO STRIPPING FORMWORKS:
    - a.) VERTICAL SIDES OF FOUNDATIONS, COLUMNS, BEAMS AND WALLS ——— 48 HOURS
    - b.) UNDERSIDE OF SLABS UNDERSIDE OF BEAMS AND ARCHES UP TO 6m SPAN ——— 14 DAYS
    - c.) UNDERSIDE OF BEAMS AND ARCHES OVER 6m SPAN and UP TO 9m ——— 21 DAYS
    - d.) UNDERSIDE OF BEAMS AND ARCHES OVER 9m SPAN ——— 28 DAYS

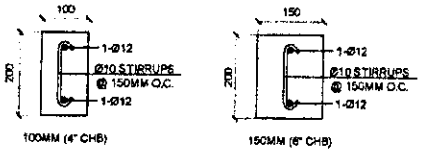
    HOWEVER, A GENERAL FORMULA IN STRIPPING PERIOD (IN DAYS) = 3 + 2.5 x L WHERE L = SPAN IN METERS, AND THE PERIOD SHALL NOT EXCEED 28 DAYS. FOR CANTILEVERS L SHALL BE TAKEN AS TWICE THE PROJECTION.
- P.V.C. CONDUITS, SLEEVES ETC. CROSSING BEAMS OR EMBEDDED IN SLABS SHALL BE PLACED IN POSITION BEFORE PLACING CONCRETE.
- A MINIMUM OF SEVEN DAYS CONTINUOUS CURING SHALL BE DONE FOR ALL CONCRETE MEMBERS
- POSITION OF CONSTRUCTION JOINT SHALL BE PRE-DETERMINED BEFORE CONCRETING OPERATIONS START AND SHALL BE DONE ACCORDING TO THE BEST ENGINEERING PRACTICE. BEFORE COMMENCING FURTHER PRACTICE. BEFORE COMMENCING FURTHER CONCRETING, THE SURFACE SHALL BE WIRE BRUSHED TO REMOVE LOOSE MATERIALS AND A SLURRY OF CEMENT EQUIVALENT TO THE CEMENT CONTENT IN CONCRETE MIX SHALL BE APPLIED BEFORE CONCRETING.
- WELDING OF REINFORCING BARS SHALL NOT BE PERMITTED UNLESS APPROVED BY THE PPA ENGINEERS APPROVAL PROCEDURES AND MATERIALS IN WELDING SHALL USE AS GUIDELINES THE CODES OF AWS D1.4

MATERIAL STRENGTHS :

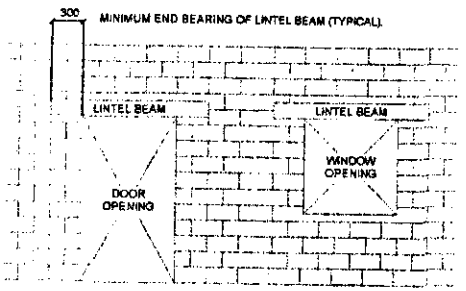
MINIMUM CONCRETE STRENGTH AT 28 DAYS COMPRESSIVE TEST SHALL BE AS FOLLOWS:

24.13 MPa	3,500 PSI	FOOTING, GRADE BEAMS, SPANDRELS
24.13 MPa	3,500 PSI	SUSPENDED REINFORCED CONCRETE SLAB, BEAMS & GIRDERS
24.13 MPa	3,500 PSI	REINFORCED CONCRETE COLUMNS & RETAINING WALLS
24.13 MPa	3,500 PSI	RC SEAT, GUTTER, SLOPE PROTECTION & CONCRETE BLOCKS
24.13 MPa	3,500 PSI	SLAB ON GRADE, CONCRETE ROAD & PAVEMENT
414.0 MPa	60,000 PSI	REINFORCING STEEL BARS, GRADE 60 (16 mmØ AND LARGER)
275.0 MPa	40,000 PSI	REINFORCING STEEL BARS, GRADE 40 (12 mmØ AND SMALLER)

LINTEL BEAM SCHEDULE



100MM (4" CHB) 150MM (6" CHB)



A.) CONCRETE PROTECTION FOR REINFORCING BARS :

	MINIMUM COVER
1. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH AND CONCRETE PERMANENTLY EXPOSED TO SEAWATER.	75 mm
2. CONCRETE EXPOSED TO EARTH OR WEATHER OR CAST AGAINST BLINDING CONCRETE.	
- 20 THRU 60mmØ BARS	50 mm
- BARS OR WIRES SMALLER THAN 20mmØ	40 mm
3. CONCRETE NOT EXPOSED TO WEATHER OR IN DIRECT CONTACT WITH GROUND.	
SLABS, JOISTS, WALLS :	
- 50mmØ & 60mmØ BARS	40 mm
- 40mmØ BARS & SMALLER	20 mm
BEAMS, COLUMNS :	
- PRIMARY REINFORCEMENT, TIES	40 mm
- STIRRUPS, SPIRALS	
SHELLS, FOLDED PLATE MEMBERS :	
- 20mmØ BARS & LARGER	20 mm
- 16mmØ BARS & SMALLER	15 mm

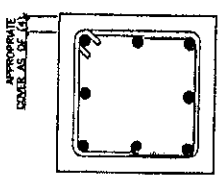


ILLUSTRATION OF MINIMUM COVER, CLEAR DISTANCES BETWEEN BARS AND BUNDLES IN BEAMS AND COLUMNS.

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
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Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

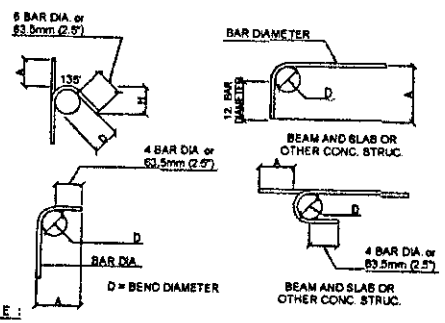
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STANDARD HOOK FOR MAIN BARS :

SIZES OF 180-DEGREE HOOKS		SIZES OF 90-DEGREE HOOKS
GRADES 50-60-75 K.S.I.	GRADE 40 K.S.I.	ALL GRADES
D=6d for Ø10mm thru Ø25mm.	D=5d for Ø10mm thru Ø34mm.	D=6d for Ø10mm thru Ø25mm.
D=8d for Ø28mm,Ø32mm&34mm	D=10d for Ø44mm & Ø57mm	D=8d for Ø28mm,Ø32mm&34mm
D=10d for Ø44mm & Ø57mm.		D=10d for Ø44mm & Ø57mm.

STIRRUP AND HOOK DIMENSIONS :

GRADES 40-50-60 K.S.I.				
BARS SIZE (mm)	D (mm)	90° HOOK	135° HOOK	
		A	A	H (APPROX.)
Ø10	38.0	10.0 cm	10.0 cm	6.0 cm
Ø12	50.8	11.0 cm	11.0 cm	8.0 cm
Ø16	63.5	15.0 cm	14.0 cm	9.5 cm
Ø20	76.0	16.0 cm	16.0 cm	11.5 cm



N O T E :

135° COLUMN TIE HOOKS MAY NOT BE BENT TO LESS THAN DIAMETER OF COLUMN VERTICAL BAR ENCLOSED IN HOOK.

CONCRETE MASONRY :

- CONCRETE MASONRY UNITS SHALL BE NON-LOAD BEARING HOLLOW-BLOCKS WITH OPEN ENDS LAID IN RUNNING BONDS, UNLESS OTHERWISE INDICATED IN THE DRAWINGS.
- DOWELS ON FOUNDATION AND SLAB SHALL BE SET TO ALIGN WITH CORES CONTAINING REBARS AND SHOULD BE GROUTED SOLID.
- THE MAXIMUM HEIGHT THAT SHOULD NORMALLY BE BUILT IN A DAY IS 1.20 m.
- ALL WALL OPENINGS SHALL BE PROVIDED WITH LINTEL AND EXTRA EDGE REINFORCEMENT AS SHOWN ON THE LINTEL BEAM SCHEDULE.

ROCKWORKS CONSTRUCTION :

- ALL ROCKS TO BE USED SHALL BE ANGULAR, HARD, DURABLE, AND NOT LIKELY TO DISINTEGRATE IN SEAWATER. ROCK LAYERS TO BE INSTALLED SHOULD MORE OR LESS BE GLOBAL IN SHAPE, ANGULAR IN SURFACE, AND SHOULD AVOID RIVER RUN ROCKS. ROCKS THAT ARE SUB-ANGULAR MAY BE SUBJECT TO THE APPROVAL OF THE ENGINEER. ROUNDED OR WELL-ROUNDED PIECES WILL NOT BE ACCEPTED.
- ALL ROCKS SHALL HAVE A MINIMUM UNIT WEIGHT OF 2,650 KG PER CUBIC METER (SPECIFIC GRAVITY 2.65) OF SOLID MATERIALS WHEN MEASURED DRY.
- ROCKS WITH SPECIFIC GRAVITY HIGHER THAN THE ABOVE SPECIFIED IS PREFERABLE AND WILL READILY BE ACCEPTED BUT NO ADJUSTMENT (INCREASE) IN THE CONTRACT PRICE WILL BE MADE ON THIS ACCOUNT.
- ROCKS OF THE PRIMARY COVER LAYER SHALL BE SOUND, DURABLE, AND HARD. IT SHALL BE FREE FROM LAMINATIONS, WEAK CLEAVAGES, AND UNDESIRABLE WEATHERING, AND SHALL BE OF SUCH CHARACTER THAT IT WILL NOT DISINTEGRATE FROM THE ACTION OF THE AIR, SEAWATER, OR IN HANDLING AND PLACING. ALL STONE SHALL BE ANGULAR QUARRY STONE.
- ALL ROCKS SHALL CONFORM TO THE FF. TEST DESIGNATION:
  APPARENT SPECIFIC GRAVITY (ASTM C 127)
  ABRASION (ASTM C 535)

FILLING MATERIALS (EMBANKMENT/SAND AND GRAVEL/BASE COURSE) CONSTRUCTION :

AT EMBANKMENT / SAND AND GRAVEL MATERIALS:

- EMBANKMENTS SHALL BE CONSTRUCTED OF SUITABLE MATERIALS. SUITABLE MATERIAL WHICH IS ACCEPTABLE IN ACCORDANCE WITH THE CONTRACT AND WHICH CAN BE COMPACTED IN THE MANNER SPECIFIED IN THIS ITEM. IT CAN BE COMMON MATERIAL OR ROCK.
- SELECTED BORROW, FOR TOPPING - SOIL OF SUCH GRADATION THAT ALL PARTICLES WILL PASS A SIEVE WITH 75 MM (3 INCHES) SQUARE OPENINGS AND NOT MORE THAN 15 MASS PERCENTWILL PASS THE 0.075 MM (NO. 200) SIEVE, AS DETERMINED BY AASHTO T 11. THE MATERIAL SHALL HAVE A PLASTICITY INDEX OF NOT MORE THAN 6 AS DETERMINED BY ASSHTO T 90 AND A LIQUID LIMIT OF NOT MORE THAN 30 AS DETERMINED BY AASHTO T 89.
- REQUIRED TEST:
  A.) QUALITY TEST FOR GRADING, PLASTICITY, ABRASION, AND LABORATORY COMPACTION TEST FOR EVERY 1,600 CUBIC METER OR FRACTION THEREOF.
  B.) LABORATORY CALIFORNIA BEARING RATIO (CBR) FOR EVERY 2,600 CUBIC METER OR FRACTION THEREOF.
  C.) FIELD DENSITY TEST FOR EVERY LAYER OF 150MM OF COMPACTED DEPTH AT LEAST ONE GROUP OF THREE IN-SITU DENSITY TEST FOR EVERY 500 SQ.M. OR FRACTION THEREOF.
  D.) THE SELECTED FILL SHALL BE LAID ACCORDING TO ITS PRESCRIBED THICKNESS AND WIDTH AS INDICATED ON THE DRAWINGS AND/OR AS DIRECTED BY THE PPA ENGINEER.
  E.) PLACING OF GRAVEL BASE COURSE MATERIALS SHALL NOT BE ALLOWED UNLESS COMPACTION REQUIREMENTS HAVE BEEN COMPLIED WITH AS DIRECTED BY THE PPA ENGINEER.

AT BASE COURSE MATERIALS:

- AGGREGATE BASE COURSE MATERIALS SHALL BE NATURAL GRAVEL OR CRUSHED STONE OF MAXIMUM SIZE OF 19 MM. IT SHALL BE CLEAN AND FREE FROM VEGETABLE MATTERS LUMPS OR BALLS OF CLAY AND OTHER DELETERIOUS SUBSTANCES. THE MATERIAL SHALL BE OF SUCH NATURE THAT IT CAN BE COMPACTED READILY TO FORM A FIRM AND STABLE BASE.
- REQUIRED TEST:
  A.) QUALITY TEST FOR GRADING AND PLASTICITY FOR EVERY 300 CUBIC METER OR FRACTION THEREOF.
  B.) QUALITY TEST FOR GRADING, PLASTICITY, ABRASION, AND LABORATORY COMPACTION TEST FOR EVERY 1,500 CUBIC METER OR FRACTION THEREOF.
  C.) LABORATORY CALIFORNIA BEARING RATIO (CBR) FOR EVERY 2,500 CUBIC METER OR FRACTION THEREOF.
  D.) FIELD DENSITY TEST FOR EVERY LAYER OF 150MM OF COMPACTED DEPTH AT LEAST ONE GROUP OF THREE IN-SITU DENSITY TEST FOR EVERY 500 SQ M. OR FRACTION THEREOF.
  E.) THE BASE COURSE BEDDING SHALL BE LAID ACCORDING TO ITS PRESCRIBED THICKNESS AND WIDTH AS INDICATED ON THE DRAWINGS AND/OR AS DIRECTED BY THE PPA ENGINEER.
  F.) PLACING OF CONCRETE SHALL NOT BE ALLOWED UNLESS COMPACTION REQUIREMENTS HAVE BEEN COMPLIED WITH AS DIRECTED BY THE PPA ENGINEER.

STEEL CONSTRUCTION :

- ALL STRUCTURAL STEEL MEMBER AS PER ASTM A36 UNLESS OTHERWISE NOTED IN THE APPROVED DRAWINGS AND SPECIFICATION.
- ALL STRUCTURAL STEEL MATERIALS ARE REQUIRED TO HAVE MILL CERTIFICATE AND PHYSICAL TEST (DIMENSIONS) FOR ALL UNITS, QUALITY TEST FOR CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES. TESTS WILL BE MADE FOR EVERY 10,000 KG. OR FRACTION THEREOF
- ANCHOR BOLTS SHALL BE MADE WITH HOT DIP GALVANIZED, HIGH STRENGTH BOLTS CONFORMING TO ASTM A-325.
- EXPANSION BOLT AS PER APPROVED BY PPA ENGINEERS APPROVAL.
- NUTS SHALL BE MADE WITH HOT DIP GALVANIZED, CONFORMING TO ASTM A-563.
- WASHERS SHALL BE MADE WITH HOT DIP GALVANIZED, CONFORMING TO ASTM F-436.
- ALL WELDING WORKS AS PER ANSI/AWS D1.1 (STRUCTURAL WELDING CODE - STEEL). TESTS WILL BE MADE BY DESTRUCTIVE AND NON-DESTRUCTIVE TESTING FOR ONE (1) PER LOT.
- ALL WELDING WORKS SHALL BE DONE BY EXPERIENCED/QUALIFIED WELDERS. WELDERS MUST BE A CERTIFIED BY TESDA. THE WELDING MACHINE TO BE USED SHALL BE CAPABLE OF PROVIDING THE REQUIRED CURRENT TO EACH WELDING POINT WITHOUT APPRECIABLE FLUCTUATIONS.

MISCELLANEOUS NOTES :

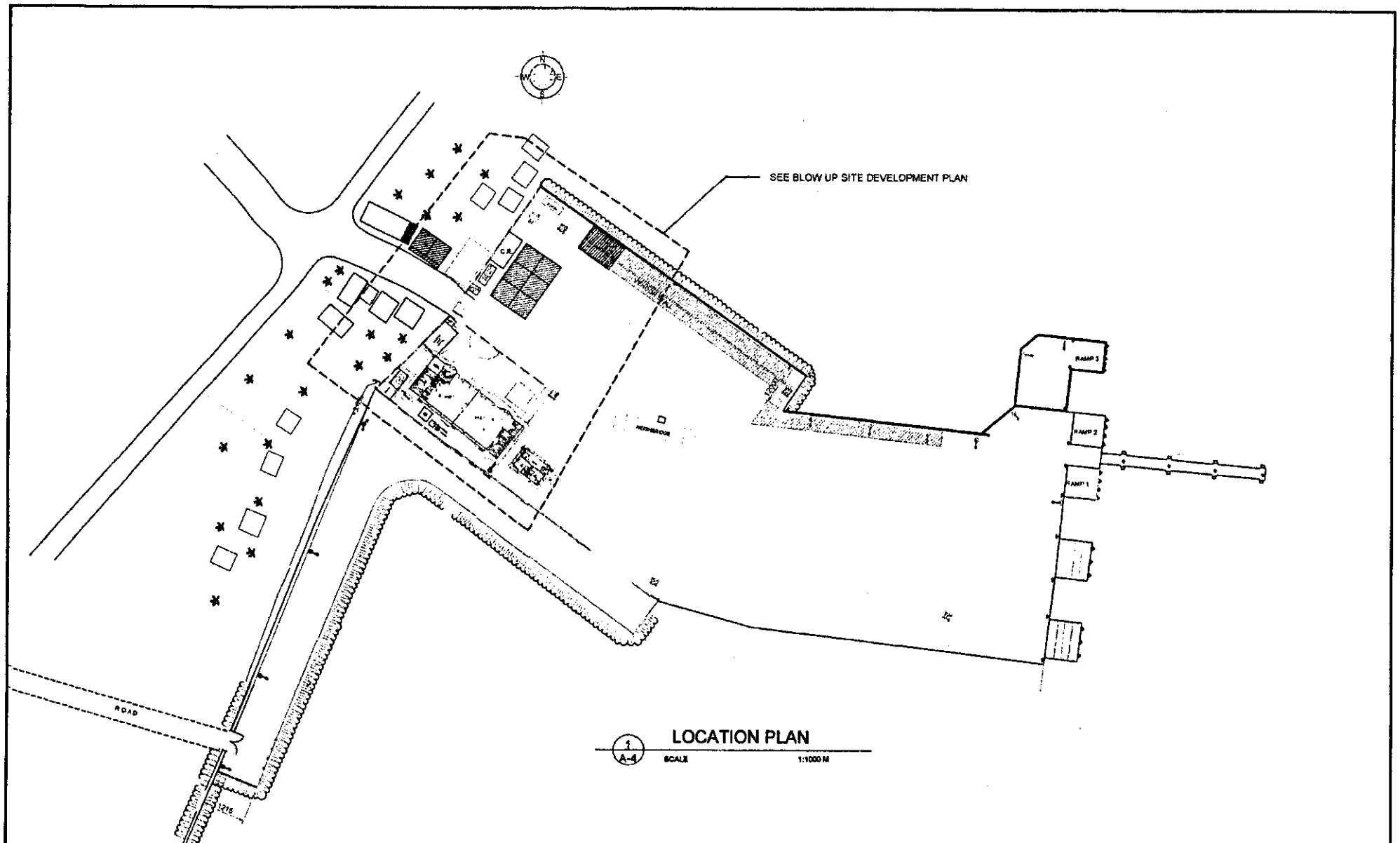
- STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- ALL CONSTRUCTION MATERIALS SHALL BE APPROVED BY PPA ENGINEERS APPROVAL.

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

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LOCATION PLAN

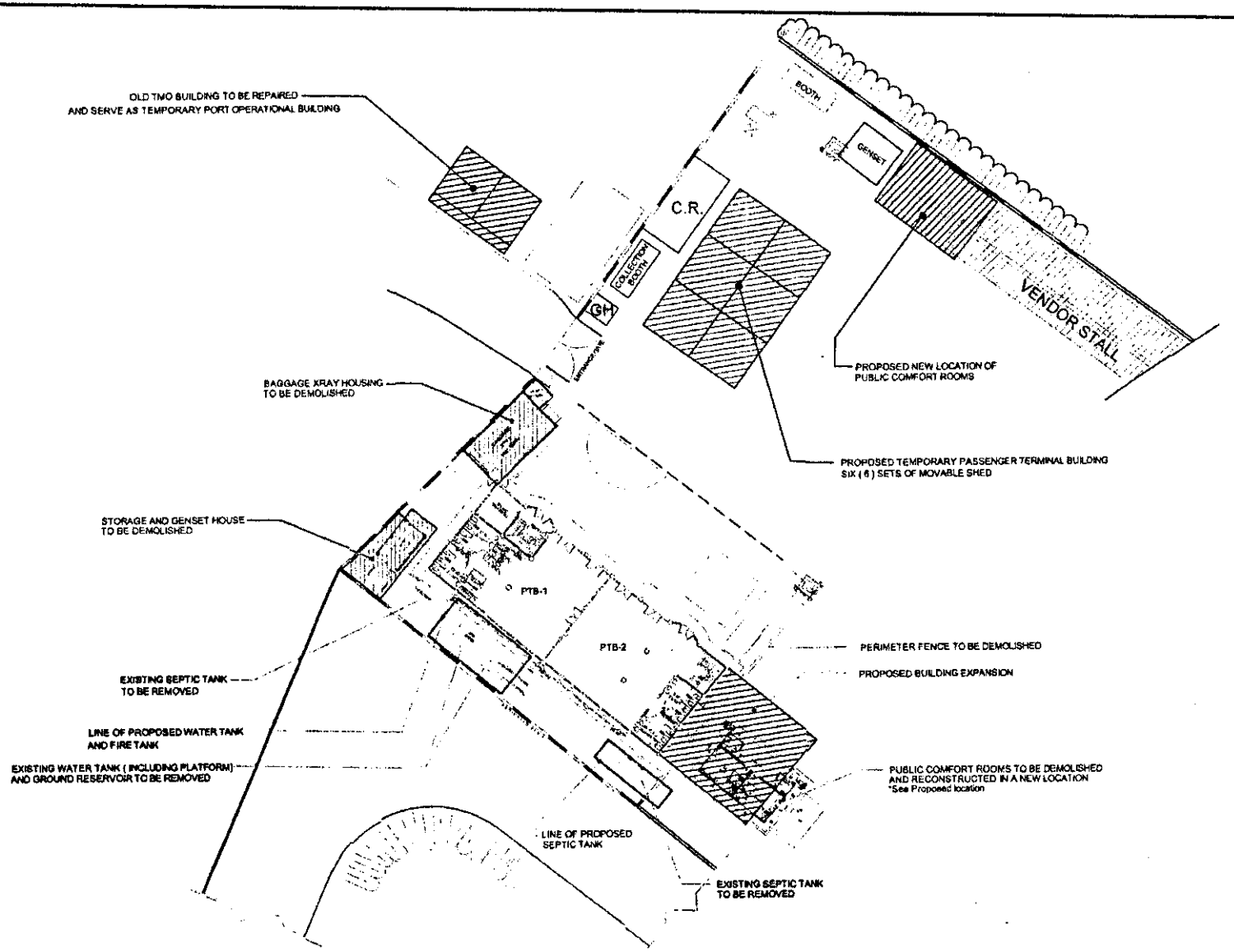
1 / A-4 SCALE 1:1000 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
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SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. A-4 of 34
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SITE DEVELOPMENT PLAN

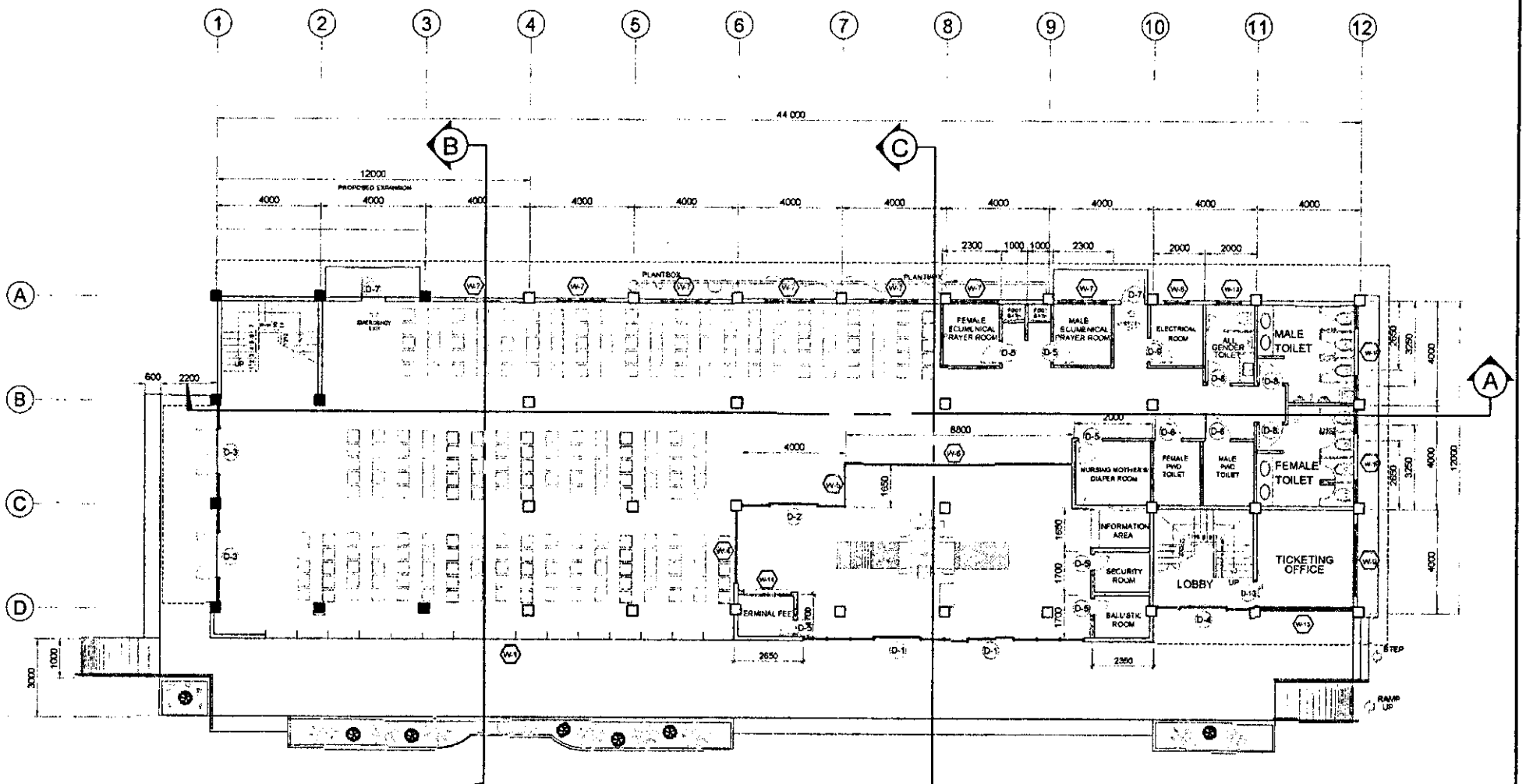
1 / A-5 SCALE NTS

PHILIPPINE PORTS AUTHORITY
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PORT OF ROXAS, ORIENTAL MINDORO

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1 A-6 GROUND FLOOR PLAN

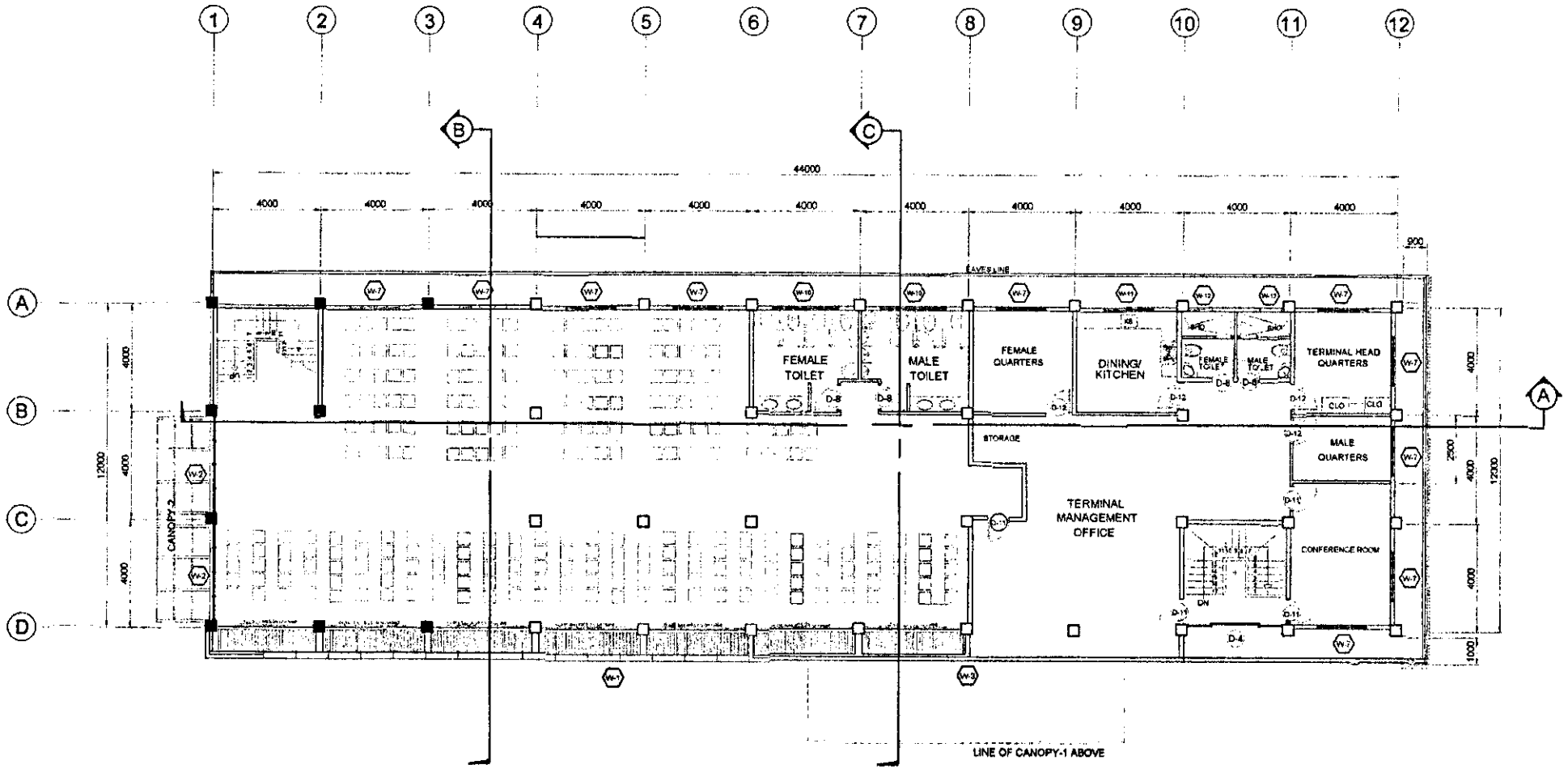
SCALE 1:200 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

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RONALD O. MATIBAG	MARGARITO P. DIMAILIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. CANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

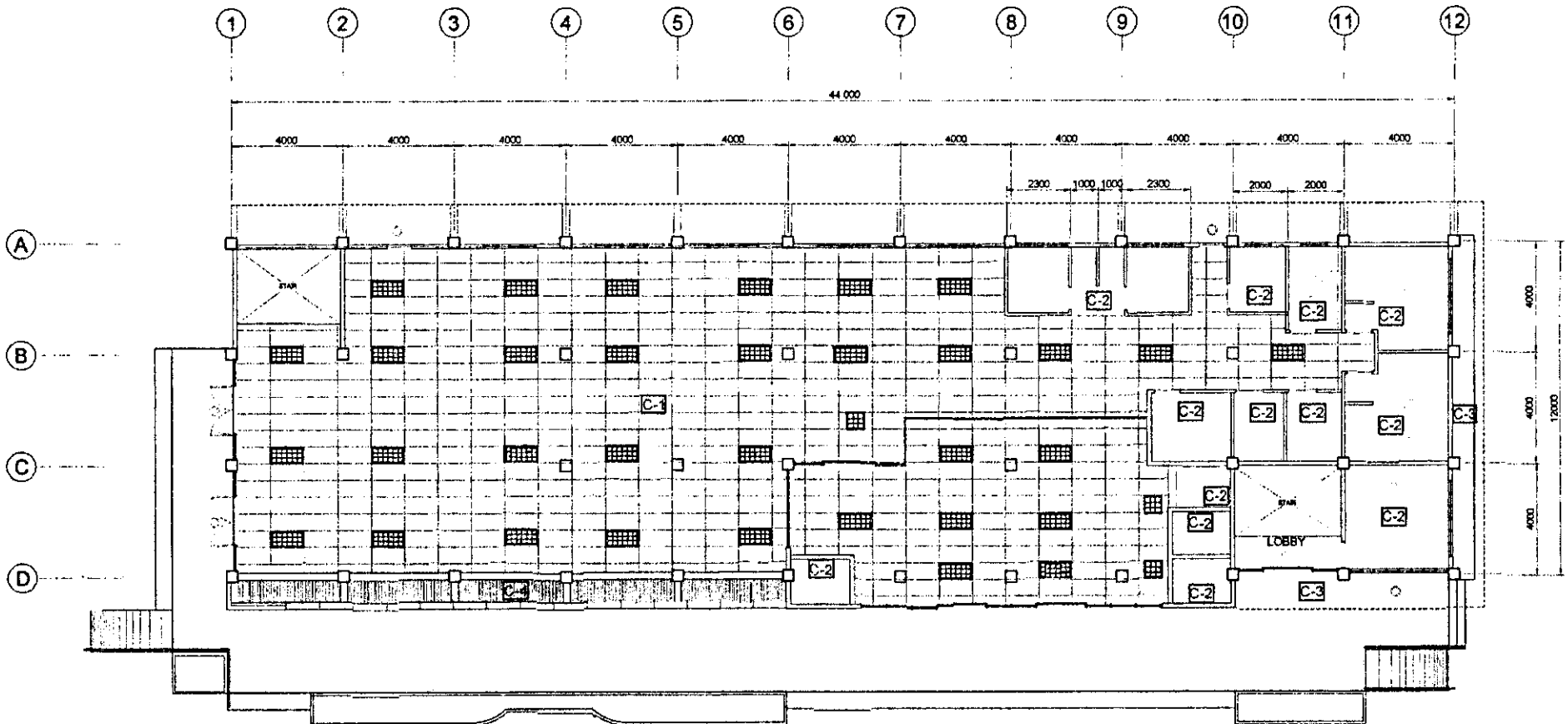
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SECOND FLOOR PLAN

1 / A-7 SCALE 1:200 M

PHILIPPINE PORTS AUTHORITY PMO- MINDORO	PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS PORT OF ROXAS, ORIENTAL MINDORO				SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY: RONALD O. MATIBAG, Acting Principal Engineer A	CHECKED / REVIEWED BY: MARGARITO P. DIMATIG, Division Manager A, ESD	SUBMITTED BY: JONA GABRIELL M. MANANSALA, Port Manager A	RECOMMENDING APPROVAL: REYNAND C. PARAFINA, Manager, Port Planning and Design Department	APPROVED BY: JAMES J. CANTALAO, Assistant General Manager for Engineering	AS SHOWN	SHEET NO. A-7 of 34
						DATE : 25 NOV 2024



GROUND FLOOR REFLECTED CEILING PLAN

1 / A-8 SCALE 1:150 M

C-1	ALUMINUM CLIP-IN, PERFORATED PANELS, BONE WHITE 60mm x 1200mm x 0.70mm
C-2	12mm THK. MOISTURE RESISTANT GYPSUM BOARD PAINTED ON GALVANIZED STEEL SUSPENSION
C-3	0.40mm PREFORMED /PRE-PAINTED RIB TYPE SPANDREL CEILING
C-4	50mm x 100mm x 5.80M LINEWEIGHT TIMBER LOOK uPVC EXTRUDED MATERIAL BAFFLE CEILING SUSPENDED
	2-36 WATTS T-8 GRID FIXTURE WITH ELECTRONIC BALLAST WITH ALUMINUM REFLECTOR LOUVER RECESSED MOUNTED TYPE
	2-36 WATTS T-8 GRID FIXTURE WITH ELECTRONIC BALLAST WITH ALUMINUM REFLECTOR LOUVER RECESSED MOUNTED TYPE
	VERTICAL DOWNLIGHT SURFACE MOUNTED TYPE W/O GLASS COVER LAMP HOLDER 220V, 11 WATT, LED BULB, DAYLIGHT
	VERTICAL DOWNLIGHT RECESSED MOUNTED TYPE W/O GLASS COVER LAMP HOLDER 220V, 11 WATT, LED BULB, DAYLIGHT

PHILIPPINE PORTS AUTHORITY
PMO: MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

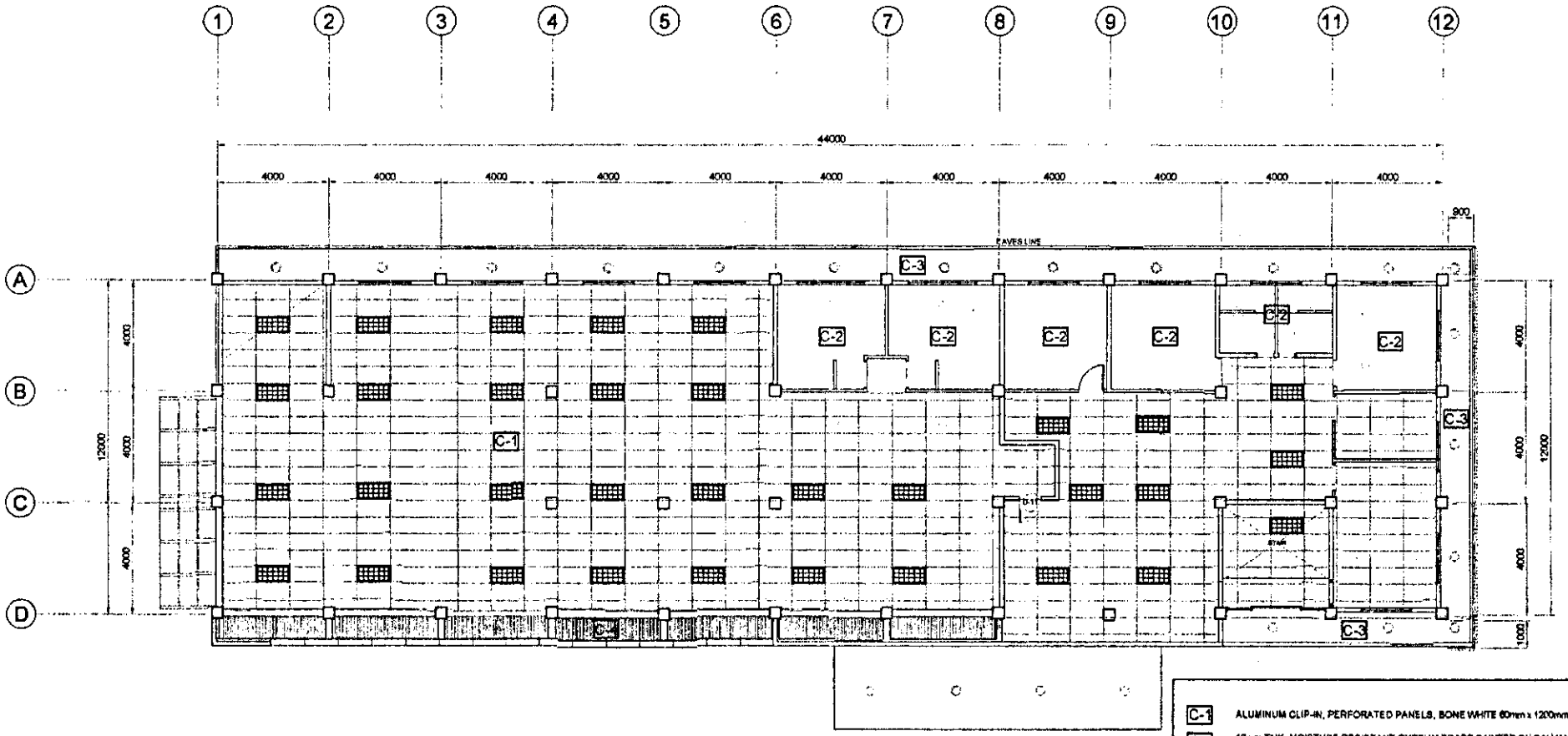
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SCALE: AS SHOWN

SHEET NO. A-8 of 34

DATE: 25 NOV 2024

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMALIG	JONG GABRIELL M. MANANSALA	REYNAND C. ARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering



C-1	ALUMINUM CLIP-IN, PERFORATED PANELS, BONE WHITE 60mm x 1200mm x 0.70mm
C-2	12mm THK. MOISTURE RESISTANT GYPSUM BOARD PAINTED ON GALVANIZED STEEL SUSPENSION
C-3	0.40mm PREFORMED /PRE-PAINTED RIB TYPE SPANDREL CEILING
C-4	50mm x 100mm x 6.80M LINEWEIGHT TIMBER LOOK uPVC EXTRUDED MATERIAL BAFFLE CEILING SUSPENDED
	2-36 WATTS T-8 GRID FIXTURE WITH ELECTRONIC BALLAST WITH ALUMINUM REFLECTOR LOUVER RECESSED MOUNTED TYPE
	2-36 WATTS T-8 GRID FIXTURE WITH ELECTRONIC BALLAST WITH ALUMINUM REFLECTOR LOUVER RECESSED MOUNTED TYPE
○	VERTICAL DOWNLIGHT SURFACE MOUNTED TYPE W/O GLASS COVER LAMP HOLDER 220V, 11 WATT, LED BULB, DAYLIGHT
·	VERTICAL DOWNLIGHT RECESSED MOUNTED TYPE W/O GLASS COVER LAMP HOLDER 220V, 11 WATT, LED BULB, DAYLIGHT

SECOND FLOOR REFLECTED CEILING PLAN

1 / A-9 SCALE 1:150 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

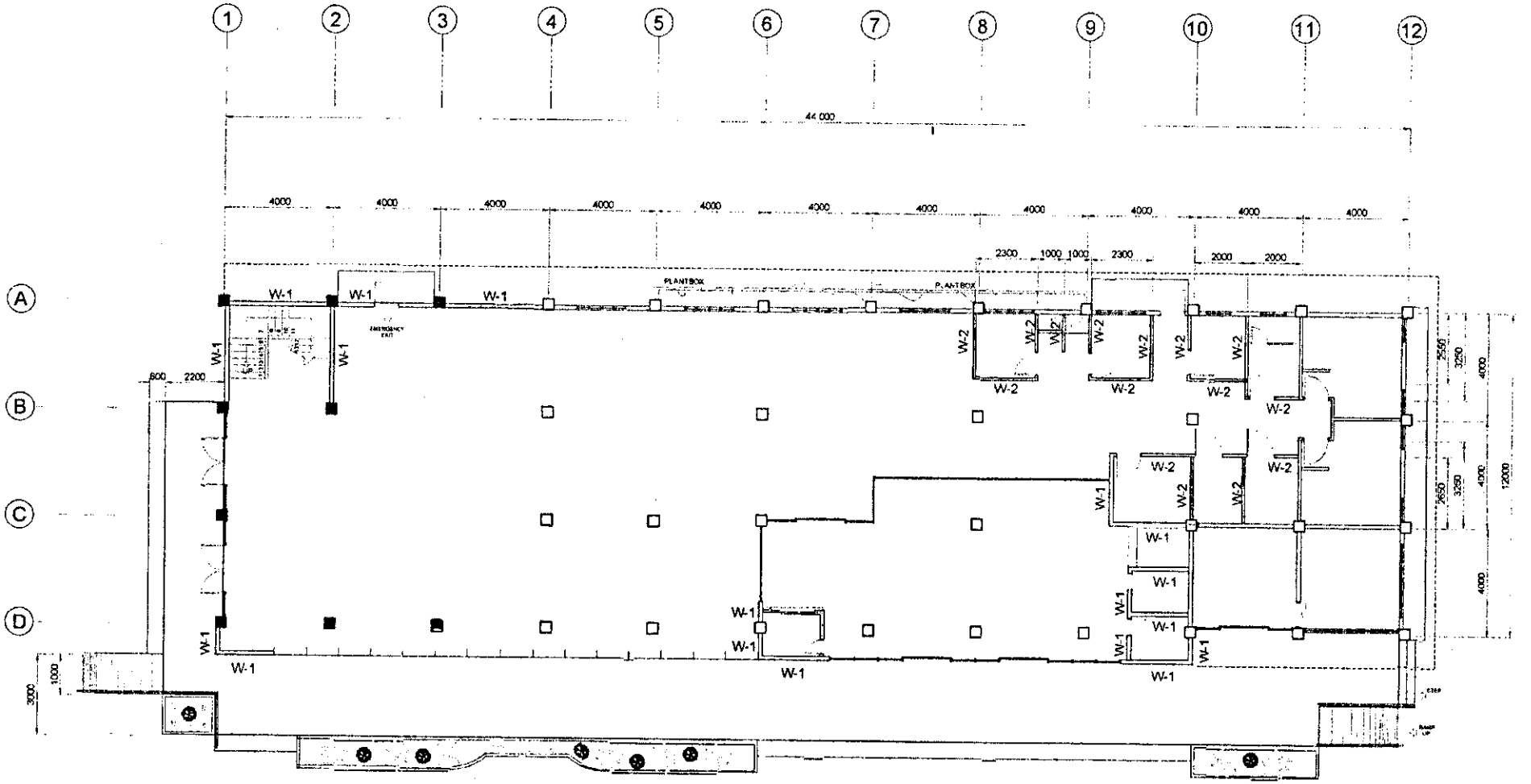
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SCALE: AS SHOWN

SHEET NO. A-9 of 34

DATE : 25 NOV 2024

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMALIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering



GROUND FLOOR
WALL PARTITION LAYOUT

1/A-10 SCALE 1:200 M

LEGEND:

W-1	150mm THK. CHB WALL
W-2	100mm THK. CHB WALL
W-3	100mm THK. RC PARAPET WALL
	EXISTING WALL TO BE RETAINED

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

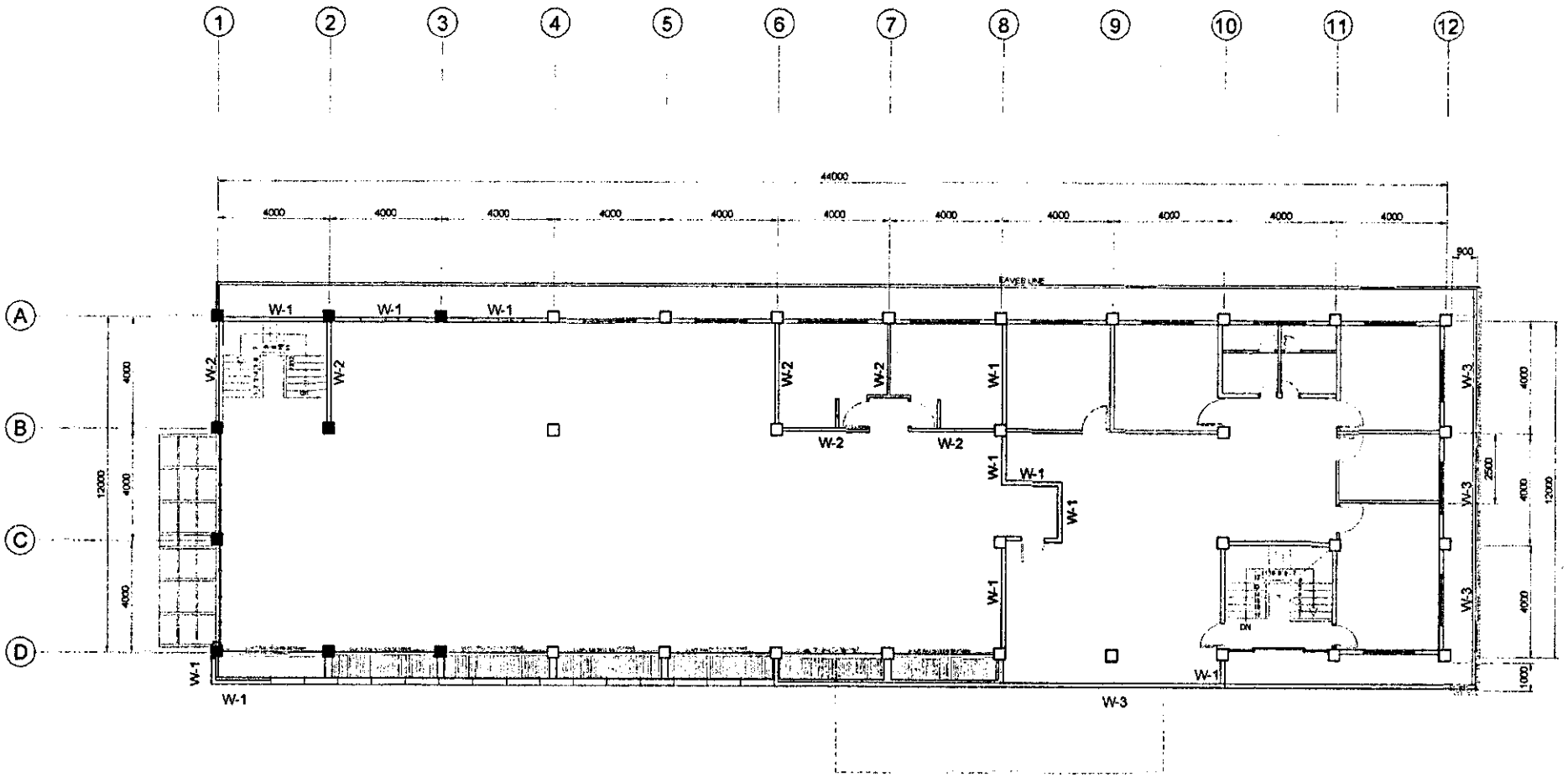
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMAILIG	JOHN GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: AS SHOWN

SCALE: AS SHOWN

SHEET NO. A-10 of 34

DATE: 25 NOV 2024



SECOND FLOOR WALL PARTITION LAYOUT

1 / A-11 SCALE 1:200 M

LEGEND:

W-1	150mm THK. CHB WALL
W-2	100mm THK. CHB WALL
W-3	100mm THK. RC PARAPET WALL
	EXISTING WALL TO BE RETAINED

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

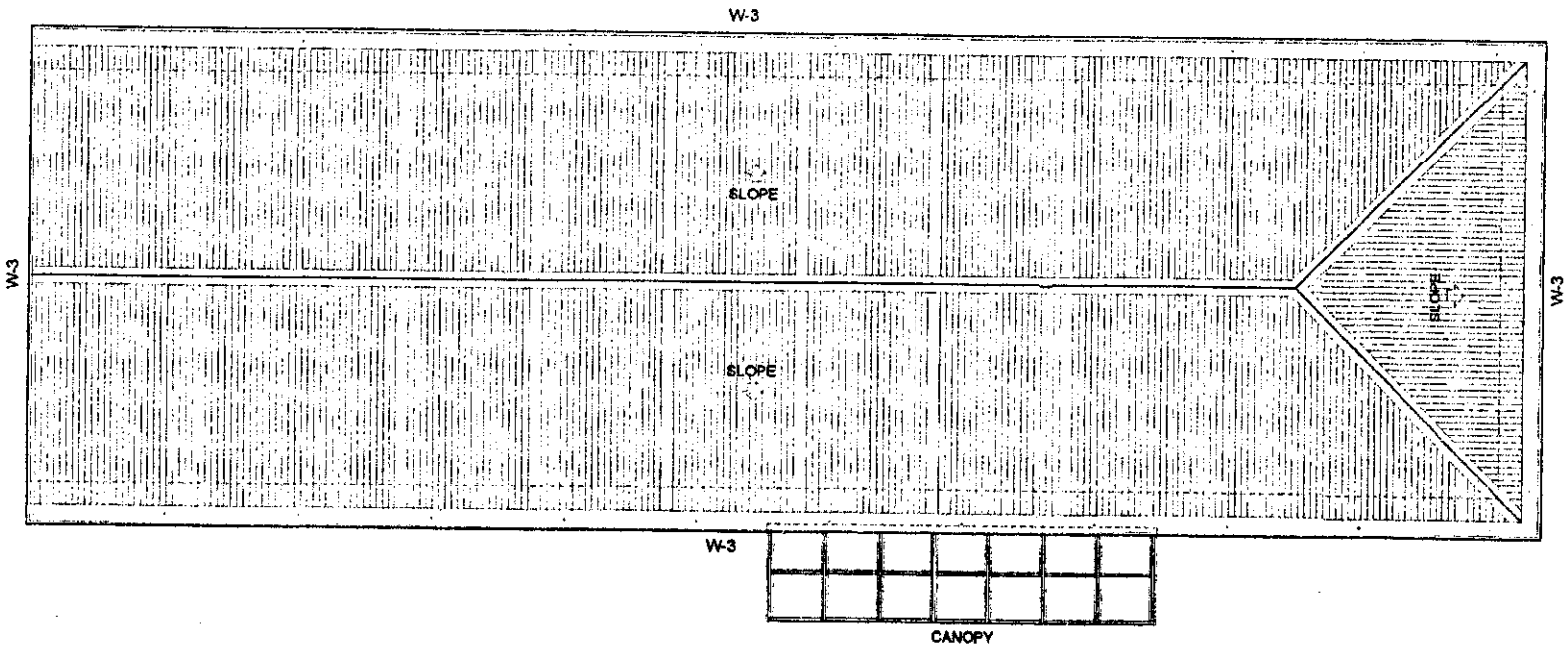
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO T. DIMAILIG	JONA GABRIELL M. MANANSALA	REYNAND C. PRAFINA	JAMES J. SANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: AS SHOWN

SCALE: AS SHOWN

SHEET NO. A-11 of 34

DATE : 25 NOV 2024



ROOF PLAN AND WALL PARTITION LAYOUT

1/A-12 SCALE 1:200 M

LEGEND:	
W-1	150mm THK. CHB WALL
W-2	100mm THK. CHB WALL
W-3	100mm THK. RC PARAPET WALL

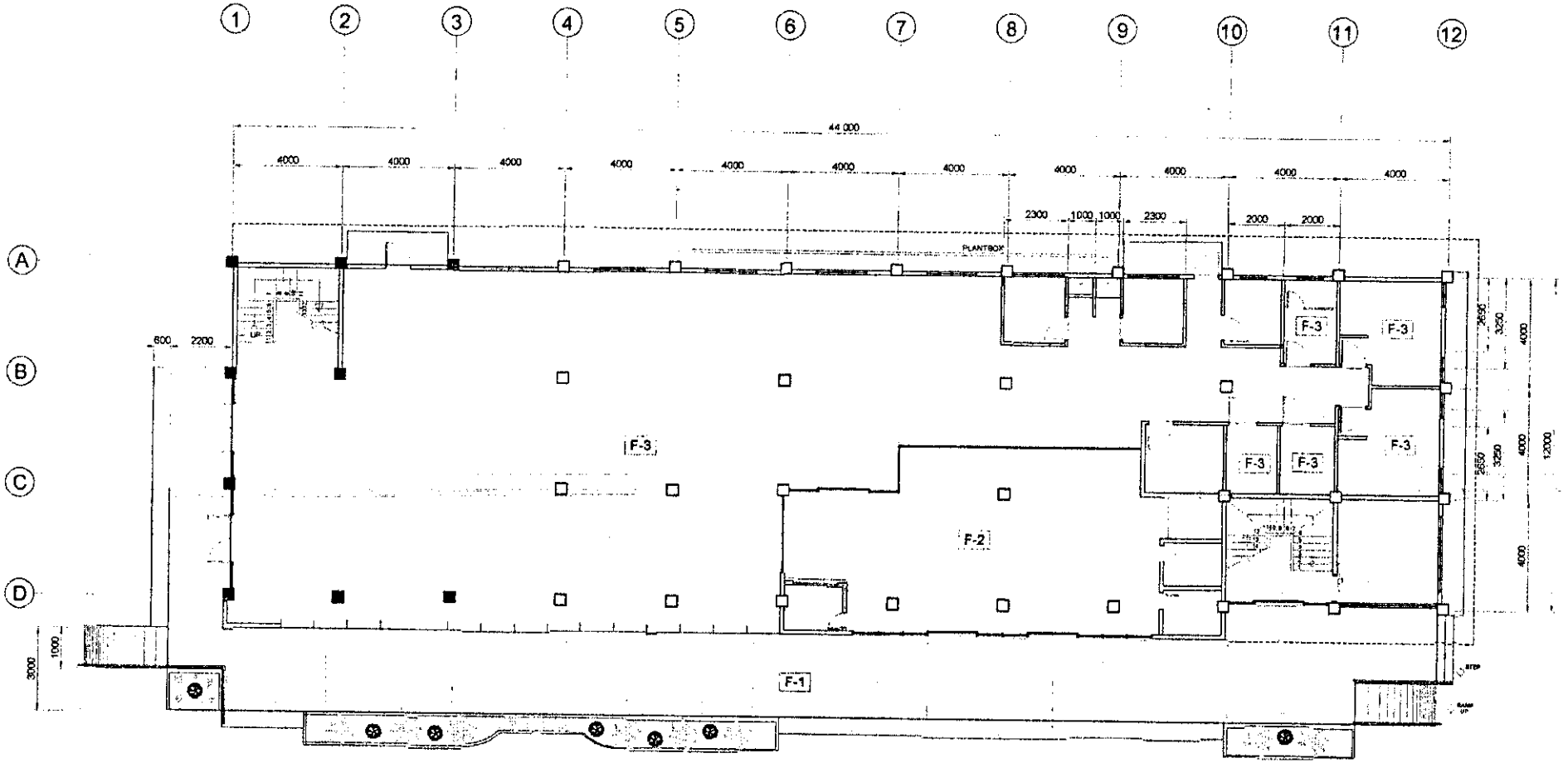
PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMALIG	JONGABRIELL M. MANANSALA	REYNANO C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: AS SHOWN

SCALE: AS SHOWN
SHEET NO. A-12 of 34
DATE : 25 NOV 2024



GROUND FLOOR
SCHEDULE OF FLOOR FINISH

1/A-13 SCALE 1:150 M

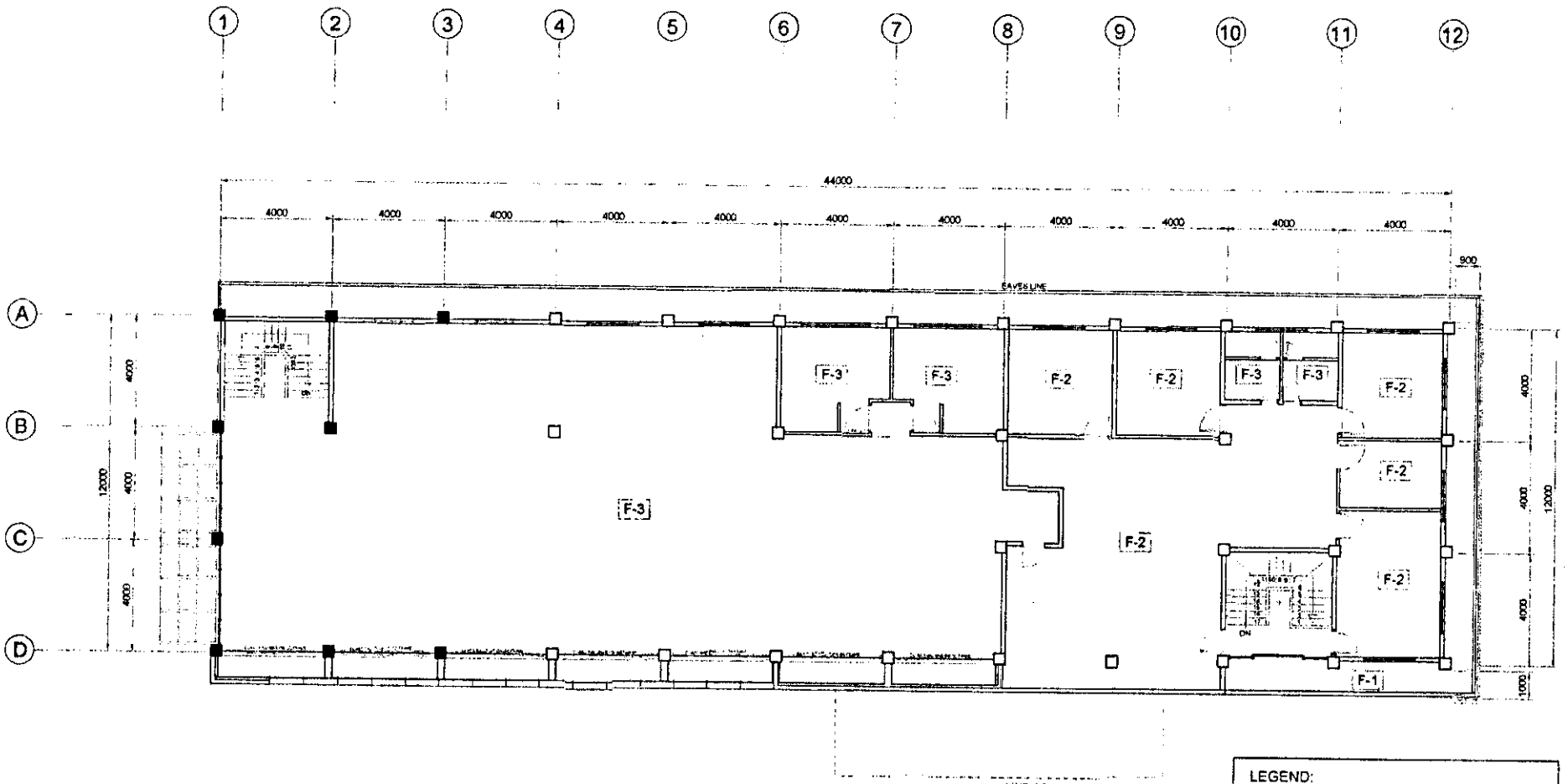
LEGEND:	
F-1	600mm x 600mm ANTI SLIP PORCELAIN FLOOR TILES
F-2	600mm x 600mm GLAZED PORCELAIN FLOOR TILES
F-3	600mm x 600mm UNGLAZED PORCELAIN FLOOR TILES

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO F. DIMAILIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GONZALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE:
AS SHOWN	AS SHOWN
	SHEET NO.: A-13 of 34
	DATE: 25 NOV 2024



LEGEND:

F-1	600mm x 600mm ANTI SLIP PORCELAIN FLOOR TILES
F-2	600mm x 600mm GLAZED PORCELAIN FLOOR TILES
F-3	600mm x 600mm UNGLAZED PORCELAIN FLOOR TILES

SECOND FLOOR
SCHEDULE OF FLOOR FINISH

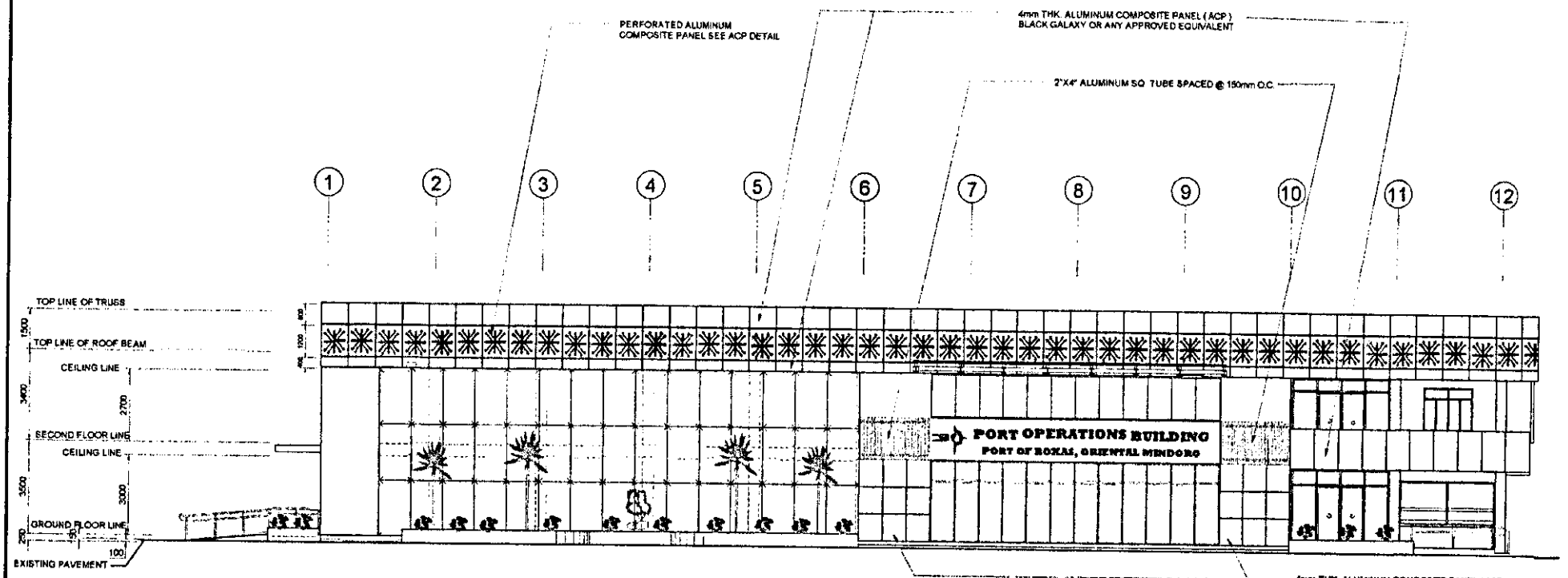
1/A-14 SCALE 1:150 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMAILIG	JONA GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. A-14 of 34
	DATE : 25 NOV 2024



1 / A-15 FRONT ELEVATION

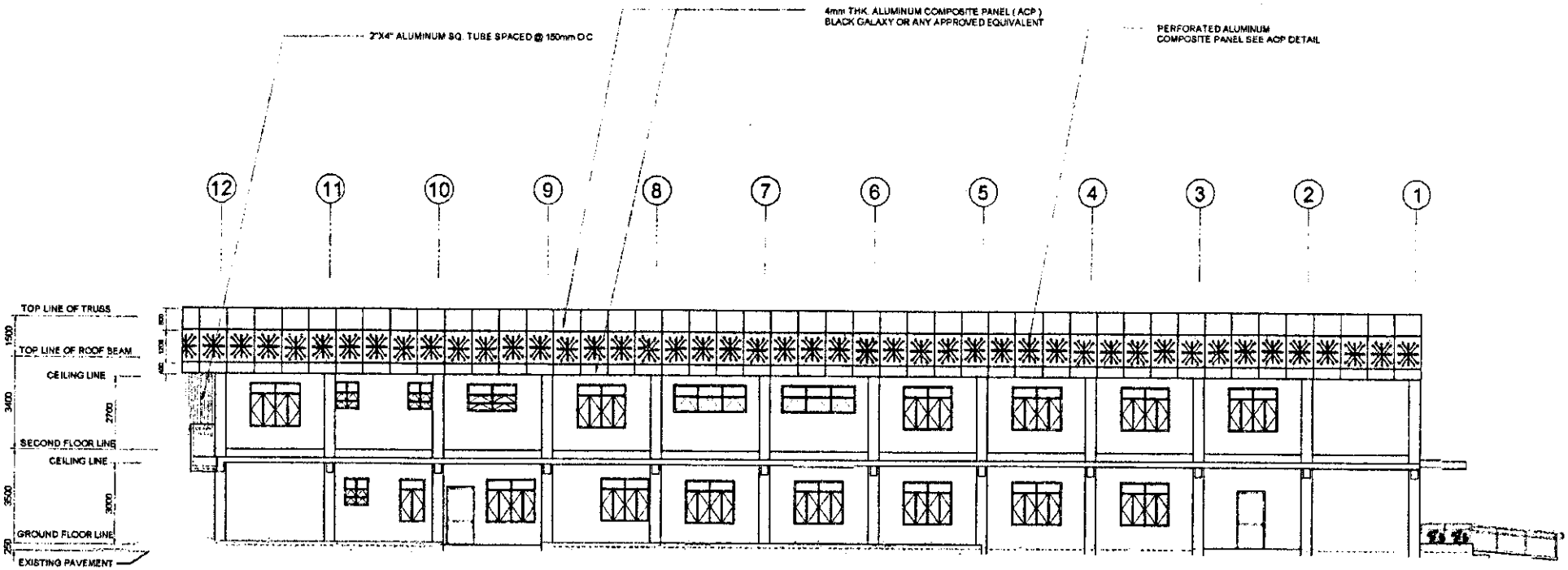
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PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMALIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. CANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

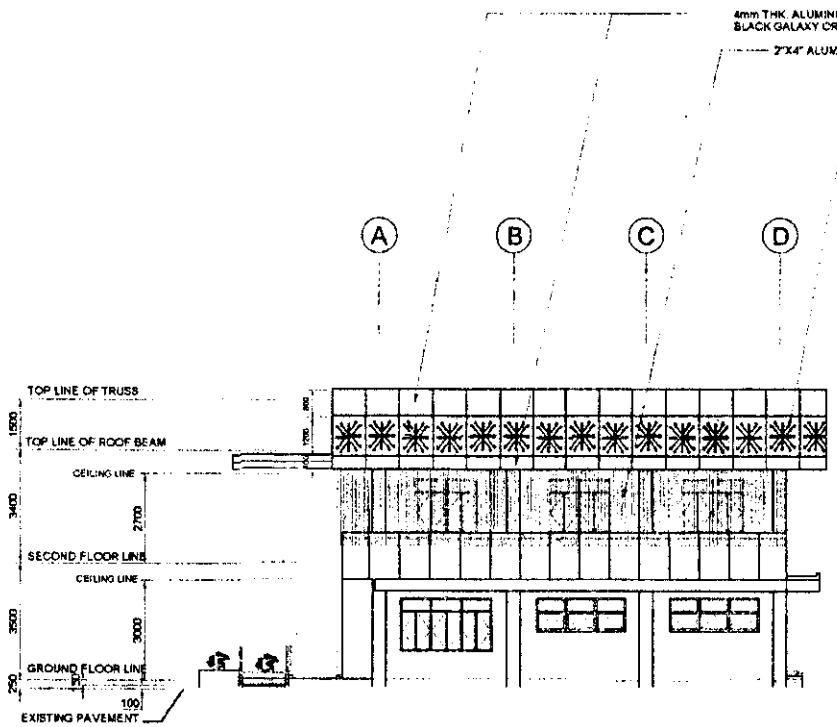
SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. A-15 of 34
	DATE : 25 NOV 2024



1 / A-16 REAR ELEVATION

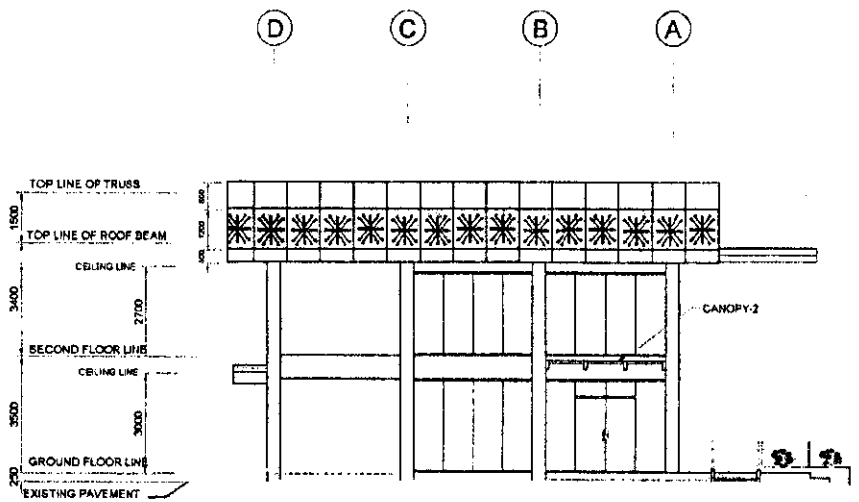
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PHILIPPINE PORTS AUTHORITY PMO- MINDORO	PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS PORT OF ROXAS, ORIENTAL MINDORO				SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY: RONALD O. BATIBAG, Acting Principal Engineer A	CHECKED / REVIEWED BY: MARGARITO P. DIMALIG, Division Manager A, ESD	SUBMITTED BY: JON GABRIELL M. MANANSALA, Port Manager A	RECOMMENDING APPROVAL: REYNAND C. PARAFINA, Manager, Port Planning and Design Department	APPROVED BY: JAMES J. GANTALAO, Assistant General Manager for Engineering	AS SHOWN	SHEET NO. A-16 of 34
						DATE : 25 NOV 2024



1 A-17 **RIGHT SIDE ELEVATION**

SCALE 1:150 M



2 A-17 **LEFT SIDE ELEVATION**

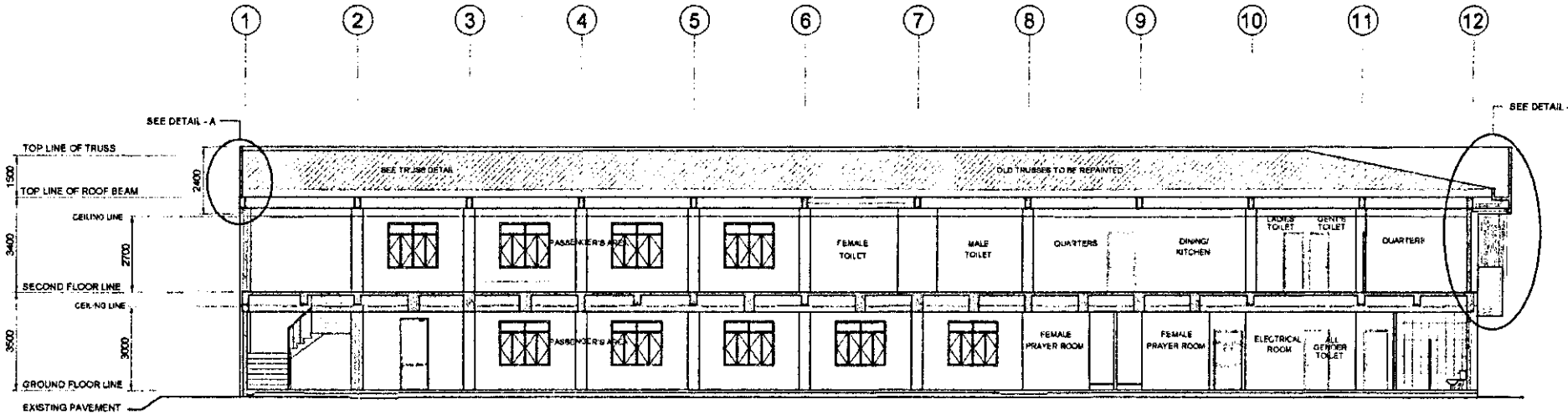
SCALE 1:150 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

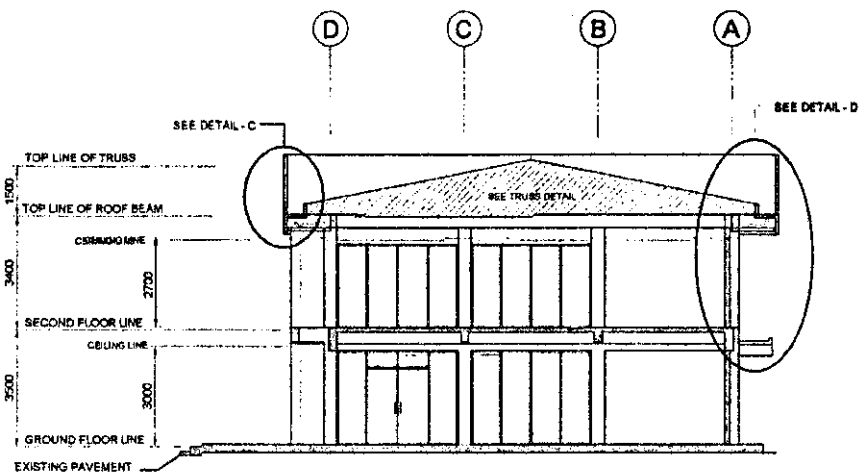
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. OTTAILIG	JON GABRIELL M. MANANSALA	REYNAND C. ARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. A-17 of 34
	DATE : 25 NOV 2024



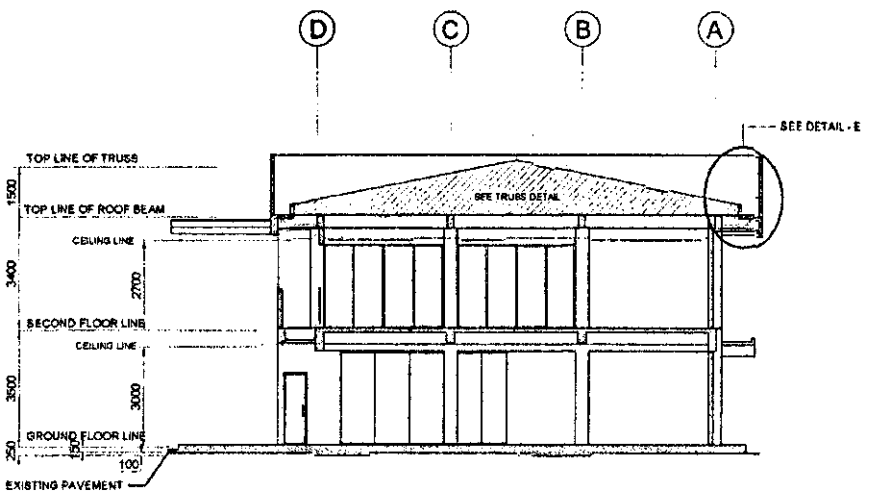
1 A-18 SECTION THRU "A"

SCALE 1:150 M



2 A-18 SECTION THRU "B"

SCALE 1:150 M



3 A-18 SECTION THRU "C"

SCALE 1:150 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

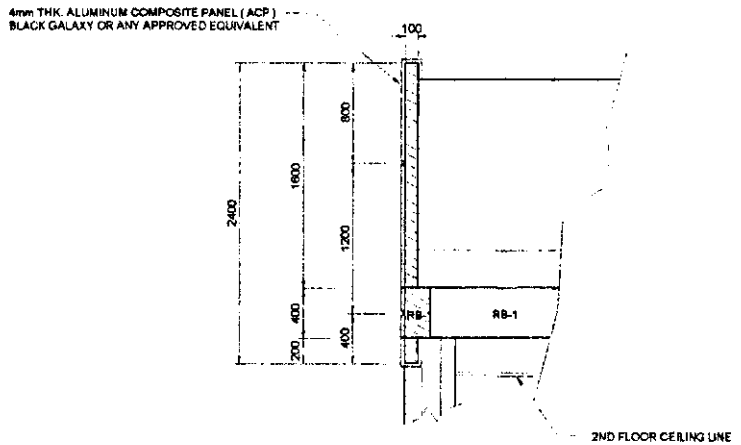
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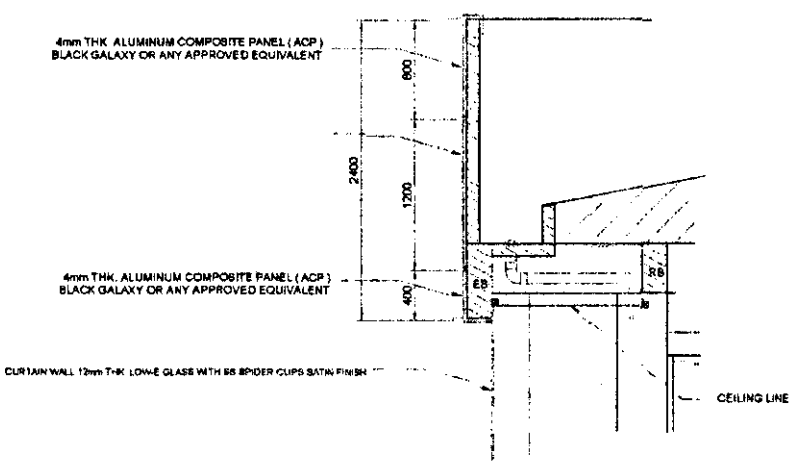
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DATE : 26 NOV 2024

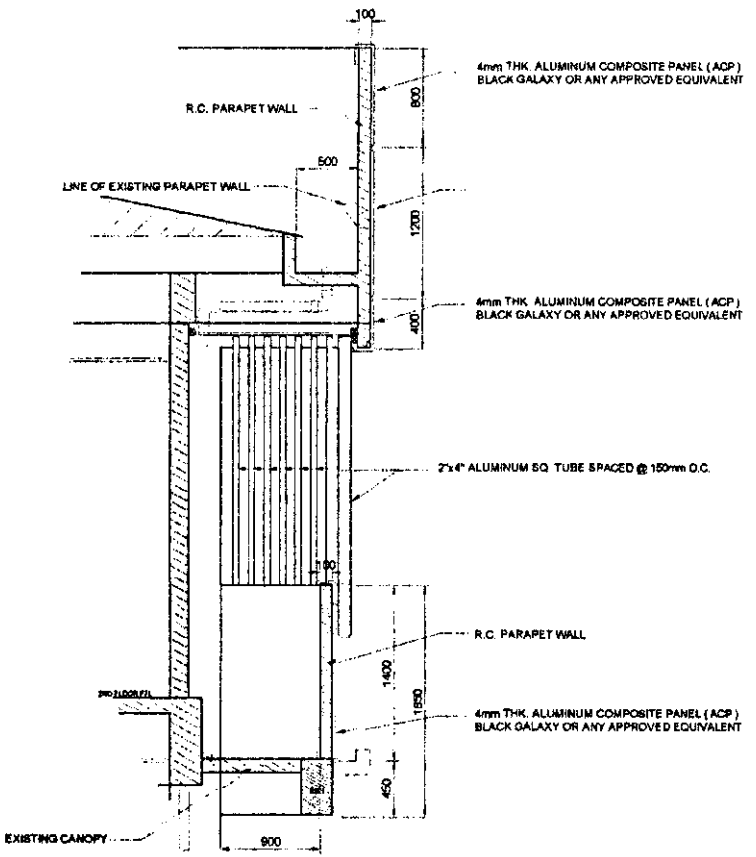
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RONALD O. MATIBAG	MARGARITO P. DIMALIG	JONATHELL M. MANANSALA	REYNAND C. ARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering



1 A-19 **DETAIL "A"**
SCALE 1:40M

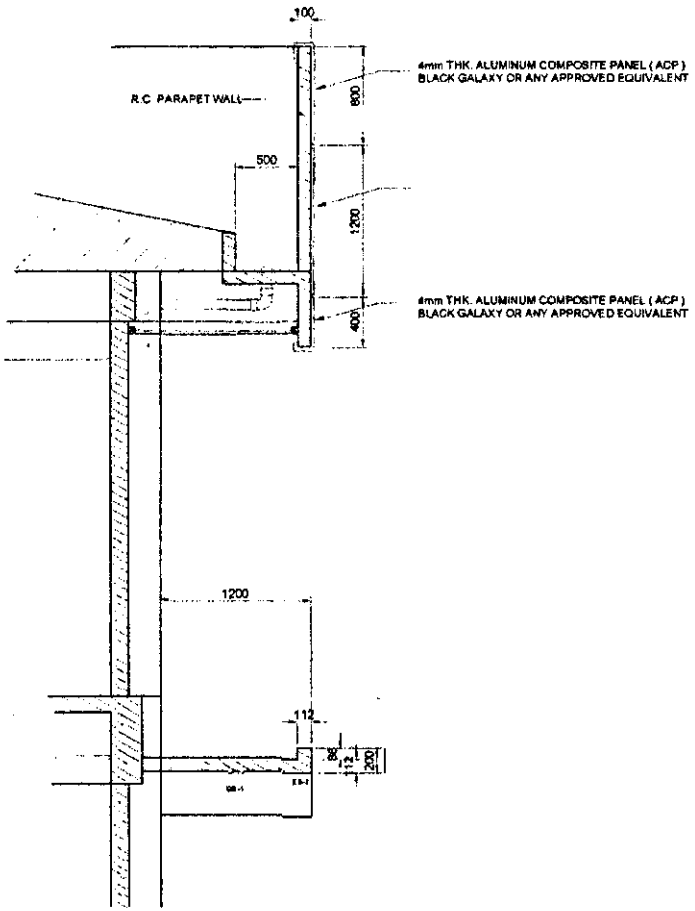


2 A-19 **DETAIL "C"**
SCALE 1:40M



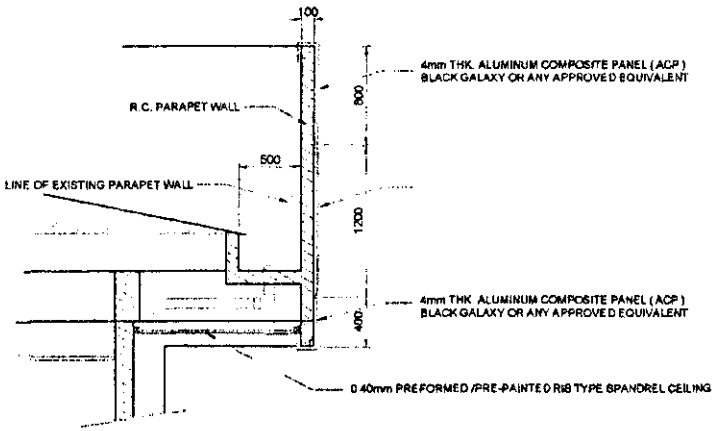
3 A-19 **DETAIL "B"**
SCALE 1:40M

PHILIPPINE PORTS AUTHORITY PMO- MINDORO	PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS PORT OF ROXAS, ORIENTAL MINDORO				SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY: RONALD D. MATIBAG, Acting Principal Engineer A	CHECKED / REVIEWED BY: MARGARITO P. DIMALIG, Division Manager A, ESD	SUBMITTED BY: JOY GABRIELL M. MANANSALA, Port Manager A	RECOMMENDING APPROVAL: REYNAND C. PARAFINA, Manager, Port Planning and Design Department	APPROVED BY: JAIME J. GUNTALAO, Assistant General Manager for Engineering	AS SHOWN	SHEET NO. A-19 of 34
						DATE : 25 NOV 2024



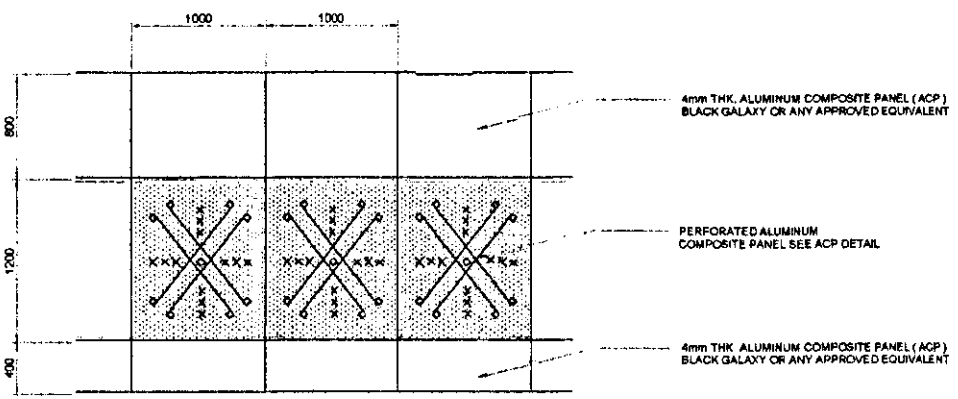
1 A-20 DETAIL "D"

SCALE 1:40M



2 A-20 DETAIL "E"

SCALE 1:40M



ACP DETAIL

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

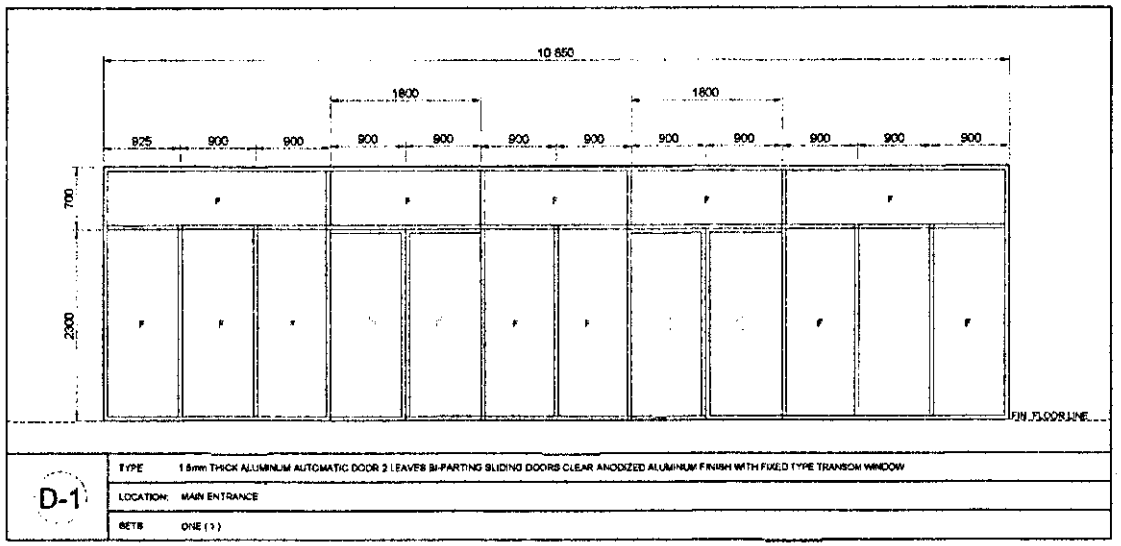
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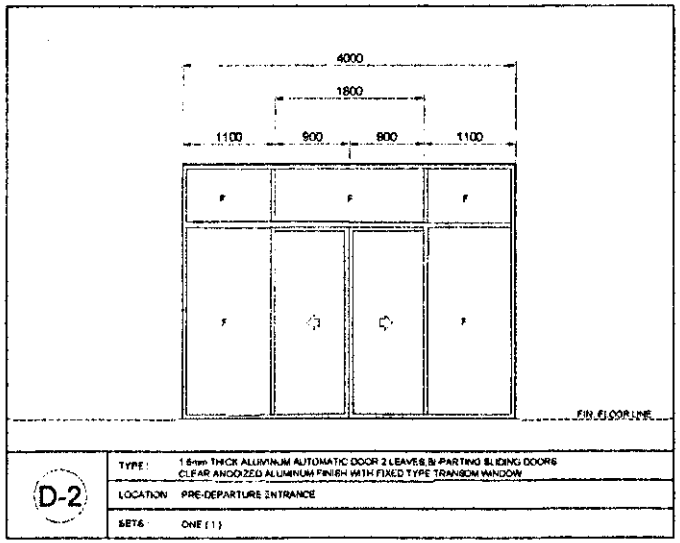
DATE : 25 NOV 2024

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RONALD O. NATIBAG	MARGARITO P. DIMAILIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GARTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering



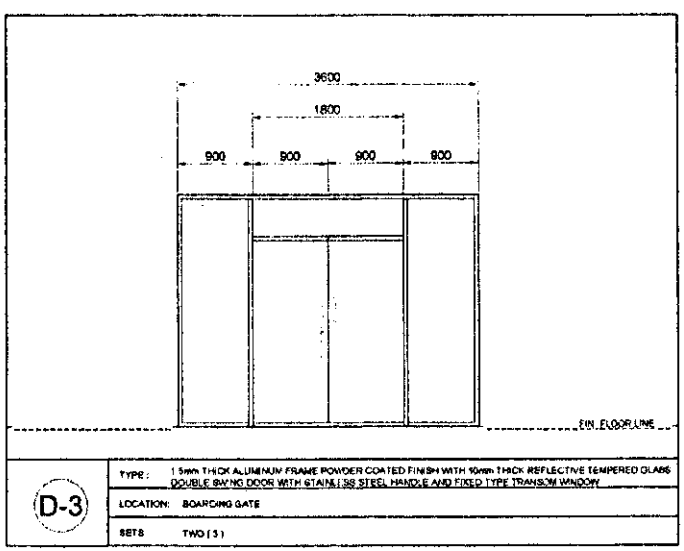
D-1

TYPE	1.5mm THICK ALUMINUM AUTOMATIC DOOR 2 LEAVES BI-PARTING SLIDING DOORS CLEAR ANODIZED ALUMINUM FINISH WITH FIXED TYPE TRANSOM WINDOW
LOCATION:	MAIN ENTRANCE
SETS	ONE (1)



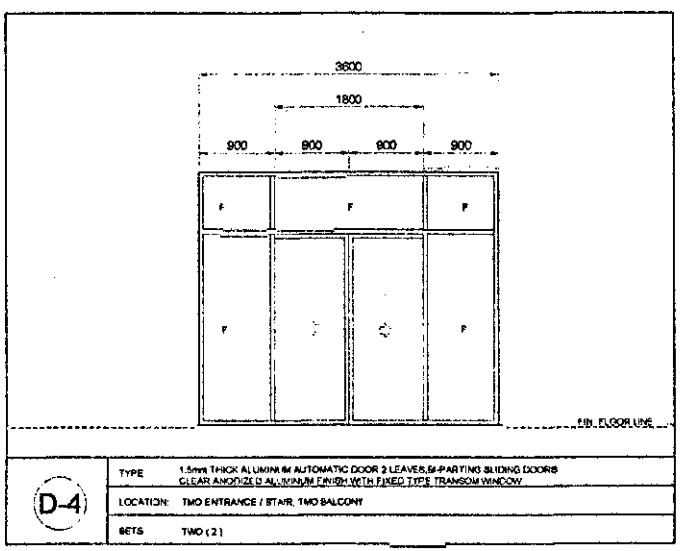
D-2

TYPE :	1.5mm THICK ALUMINUM AUTOMATIC DOOR 2 LEAVES BI-PARTING SLIDING DOORS CLEAR ANODIZED ALUMINUM FINISH WITH FIXED TYPE TRANSOM WINDOW
LOCATION	PRE-DEPARTURE ENTRANCE
SETS	ONE (1)



D-3

TYPE :	1.5mm THICK ALUMINUM FRAME POWDER COATED FINISH WITH 10mm THICK REFLECTIVE TEMPERED GLASS DOUBLE SWING DOOR WITH STAINLESS STEEL HANDLE AND FIXED TYPE TRANSOM WINDOW
LOCATION:	BOARDING GATE
SETS	TWO (3)



D-4

TYPE	1.5mm THICK ALUMINUM AUTOMATIC DOOR 2 LEAVES,BI-PARTING SLIDING DOORS CLEAR ANODIZED ALUMINUM FINISH WITH FIXED TYPE TRANSOM WINDOW
LOCATION:	TWO ENTRANCE / STAIR, TWO BALCONY
SETS	TWO (2)

SCHEDULE OF DOORS

1 / A-21 SCALE 1:50 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

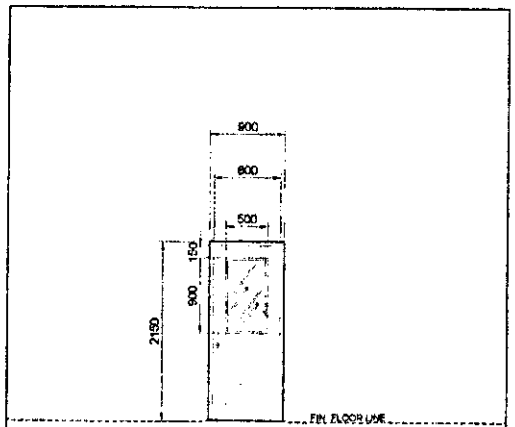
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMOLIG	JON GABRIELL M. MANANSALA	REYNANDO C. PARAFINA	JAMES J. SANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: AS SHOWN

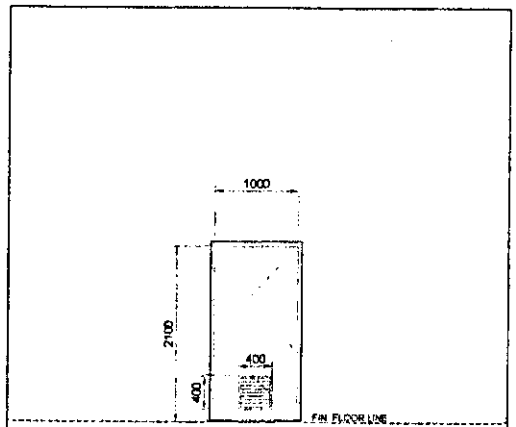
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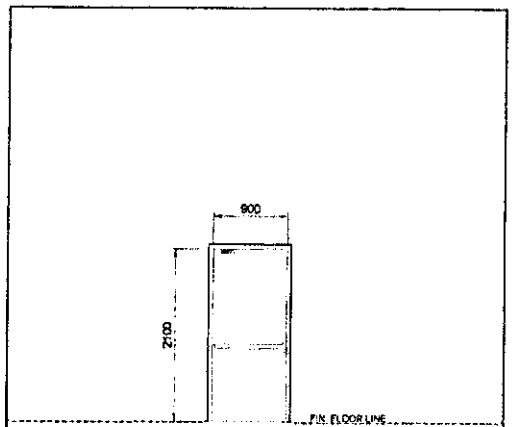
DATE : 25 NOV 2024



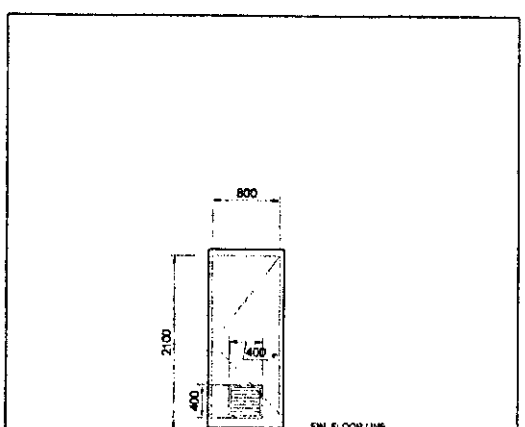
D-5	TYPE :	MARINE PLYWOOD FINISH FLUSH DOOR WITH 6mm THK. CLEAR GLASS INCLUDING ACCESSORIES
	LOCATION :	BALLISTIC ROOM, SECURITY ROOM, TERMINAL FEE ROOM NURSING MOTHER'S / DIAPER CHANGING ROOM, ECUMENICAL ROOM
	SETS :	SIX (6)



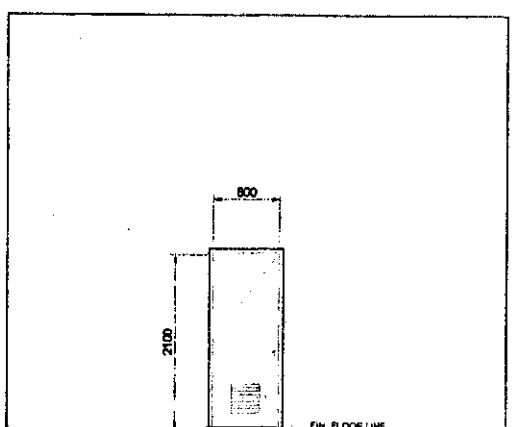
D-6	TYPE :	MARINE PLYWOOD FINISH FLUSH DOOR WITH LOUVER AT THE BOTTOM PORTION INCLUDING ACCESSORIES
	LOCATION :	MALE AND FEMALE PWD TOILET
	SETS :	ONE (2)



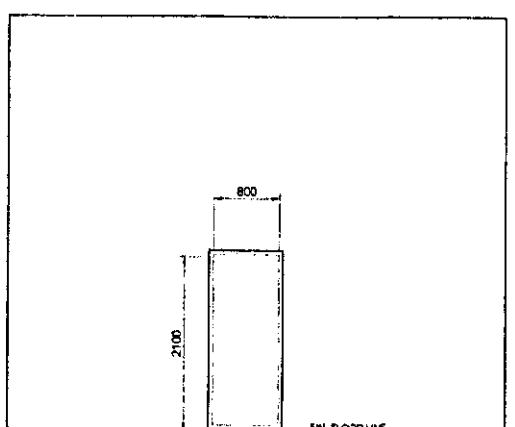
D-7	TYPE :	COLD ROLLED STEEL EMERGENCY EXIT DOOR PAINT FIN. WITH PANIC PUSH BAR INCLUDING JAMB & ACCESSORIES
	LOCATION :	EMERGENCY EXIT
	SETS :	TWO (2)



D-8	TYPE :	MARINE PLYWOOD FINISH FLUSH DOOR WITH LOUVER AT THE BOTTOM PORTION INCLUDING ACCESSORIES
	LOCATION :	ALL GENDER TOILET, GROUND & 2ND FLOOR MALE AND FEMALE TOILET TWO MALE AND FEMALE TOILET
	SETS :	SEVEN (7)



D-9	TYPE :	MARINE PLYWOOD FINISH FLUSH DOOR INCLUDING ACCESSORIES
	LOCATION :	ELECTRICAL ROOM
	SETS :	ONE (1)



D-10	TYPE :	1.5mm THICK ALUMINUM FRAME POWDER COATED FINISH WITH 12mm THK. REFLECTED TEMPERED GLASS SLIDING DOOR
	LOCATION :	TICKETING OFFICE
	SETS :	ONE (1)

1/A-22 SCHEDULE OF DOORS

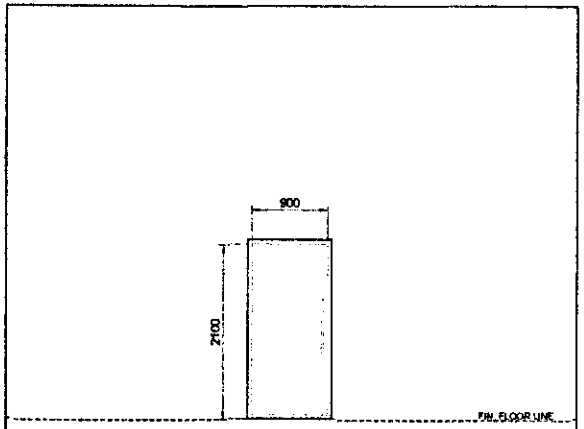
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PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

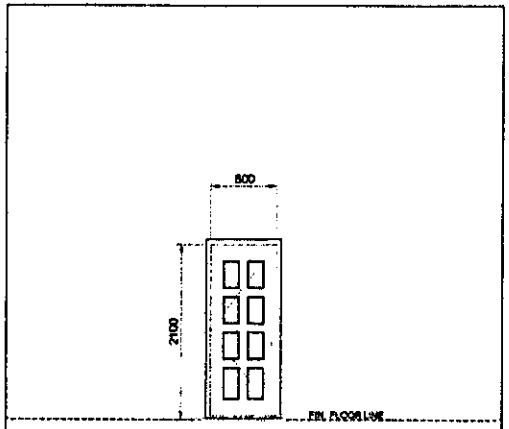
PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMAILIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GENT ALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE:	SHEET NO.	DATE :
AS SHOWN	AS SHOWN	A-22 of 34	25 NOV 2024



D-11	TYPE : 1.5mm THICK ALUMINUM FRAME POWDER COATED FINISH WITH 10mm THICK REFLECTIVE TEMPERED GLASS SWING DOOR WITH STAINLESS STEEL HANDLE
	LOCATION : TWO ENTRANCE & EXIT DOOR, TWO CONFERENCE ROOM
	SETS : FOUR (4)



D-12	TYPE : WOODEN PANEL DOOR
	LOCATION : TWO MALE & FEMALE QUARTERS, STORAGE
	SETS : THREE (4)

1 / A-23 SCHEDULE OF DOORS

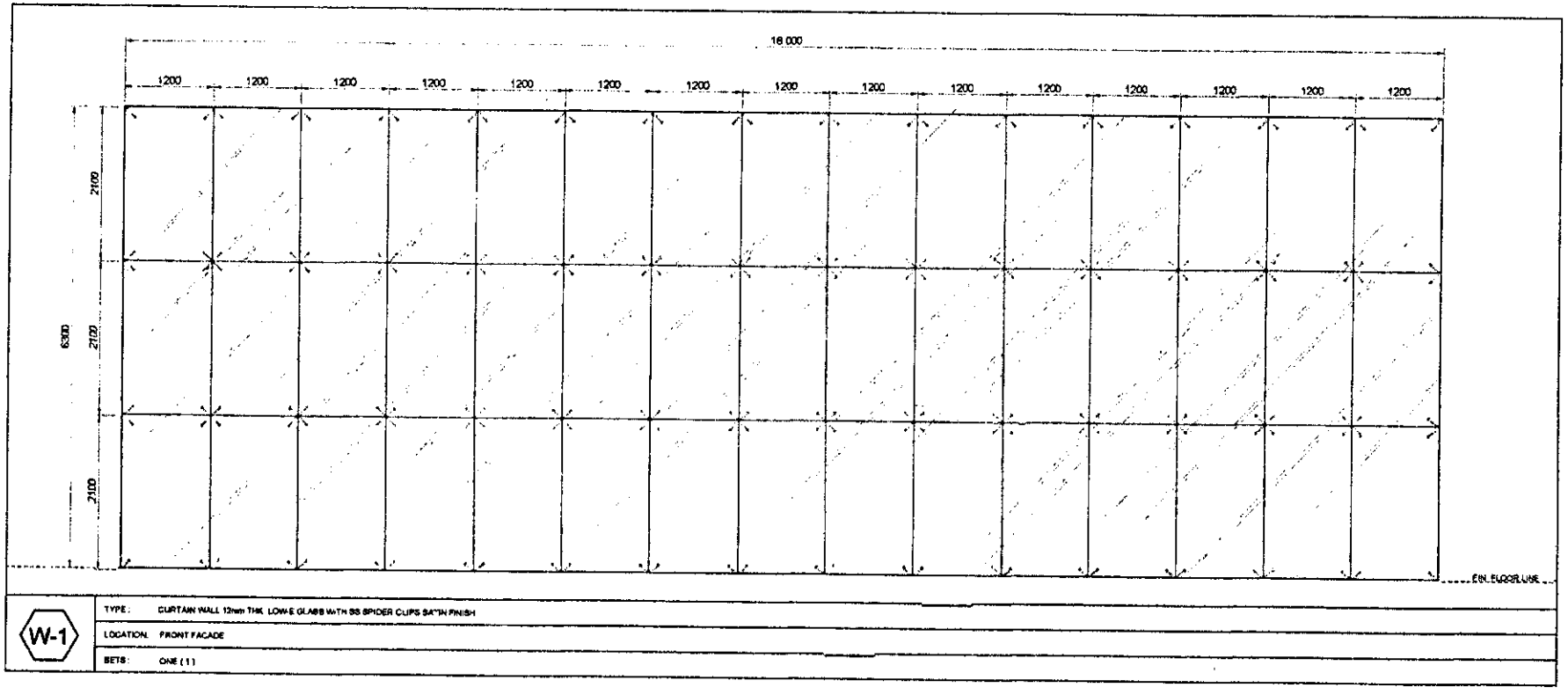
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PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. BATIBAG	MARGARITO P. DIMALIG	JON GABRIELL M. MANANSALA	REYNAND C. FARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE:
AS SHOWN	AS SHOWN
	SHEET NO. A-23 of 34
	DATE : 25 NOV 2024



1 A-24 SCHEDULE OF WINDOWS

SCALE 1:50 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

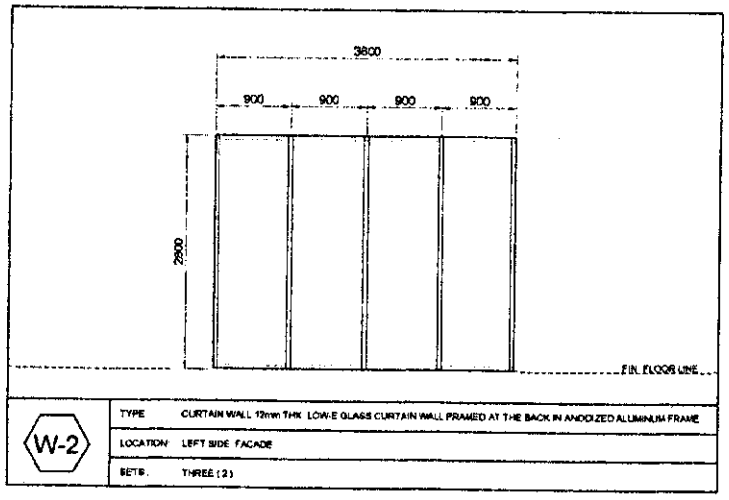
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMALIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: AS SHOWN

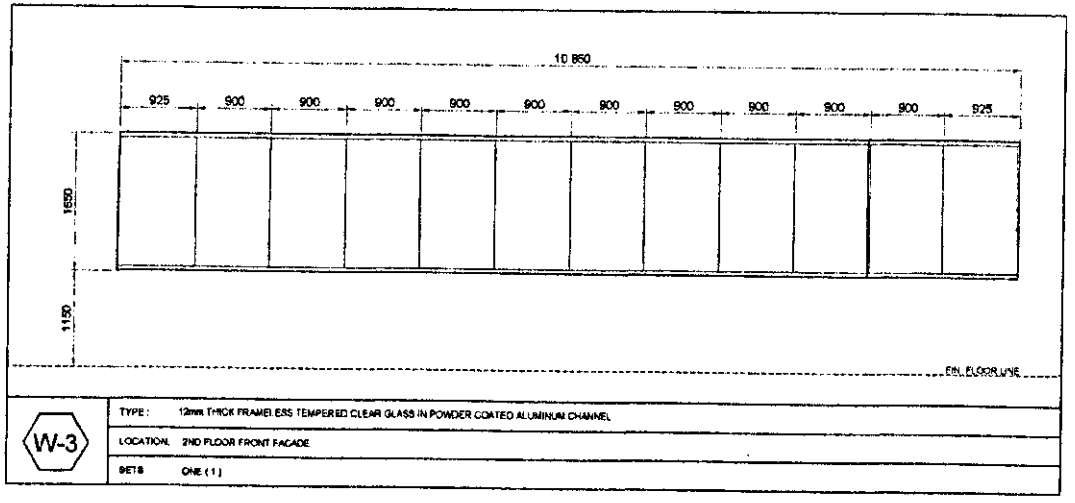
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SHEET NO. A-24 of 34

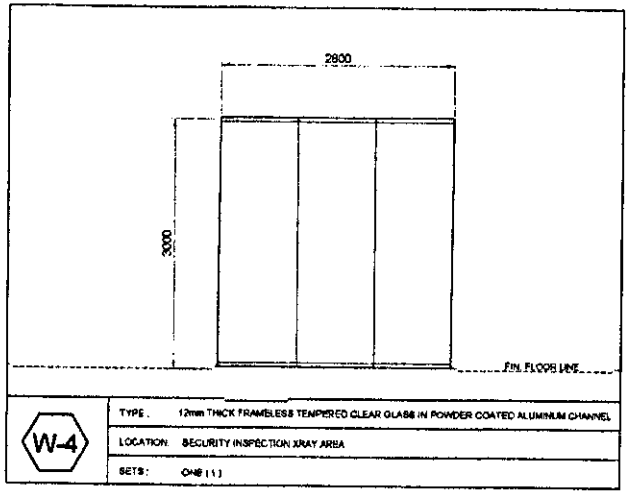
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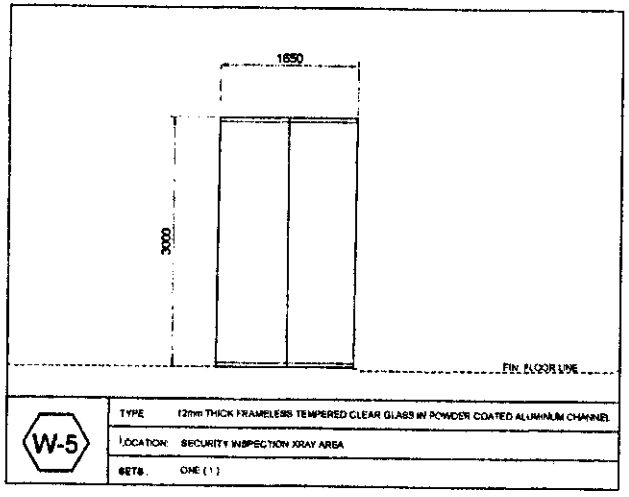
W-2	
	TYPE: CURTAIN WALL 12mm THK LOW-E GLASS CURTAIN WALL FRAMED AT THE BACK IN ANODIZED ALUMINUM FRAME
	LOCATION: LEFT SIDE FACADE
	SETS: THREE (3)



W-3	
	TYPE: 12mm THICK FRAMELESS TEMPERED CLEAR GLASS IN POWDER COATED ALUMINUM CHANNEL
	LOCATION: 2ND FLOOR FRONT FACADE
	SETS: ONE (1)



W-4	
	TYPE: 12mm THICK FRAMELESS TEMPERED CLEAR GLASS IN POWDER COATED ALUMINUM CHANNEL
	LOCATION: SECURITY INSPECTION XRAY AREA
	SETS: ONE (1)



W-5	
	TYPE: 12mm THICK FRAMELESS TEMPERED CLEAR GLASS IN POWDER COATED ALUMINUM CHANNEL
	LOCATION: SECURITY INSPECTION XRAY AREA
	SETS: ONE (1)

1/A-25 SCHEDULE OF WINDOWS

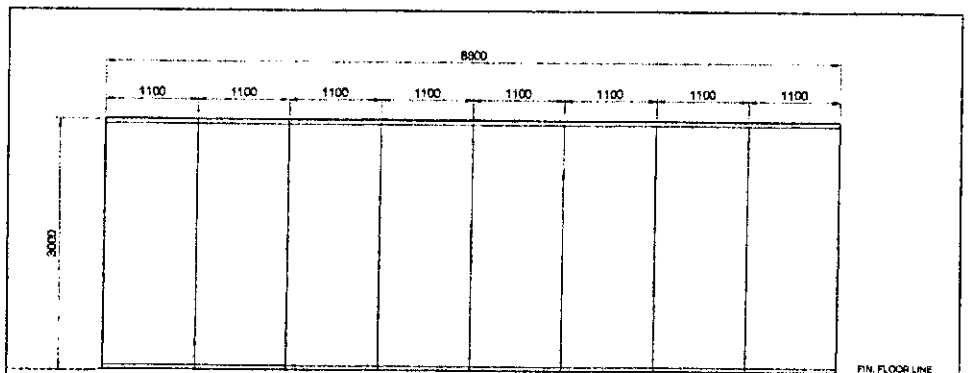
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PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

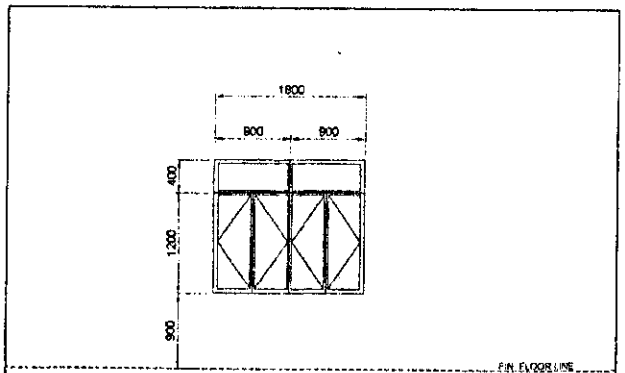
PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. PIMANLIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GAMALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

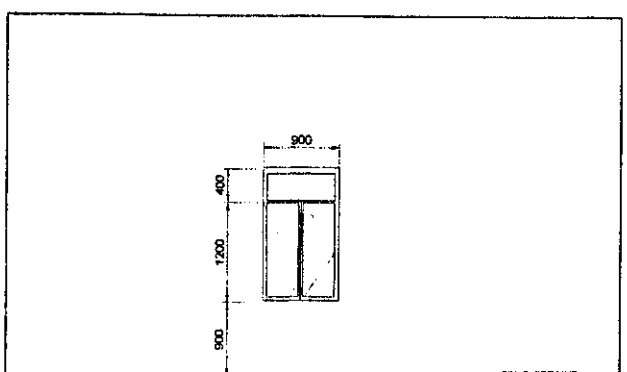
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AS SHOWN	SHEET NO. A-25 of 34
	DATE : 25 NOV 2024



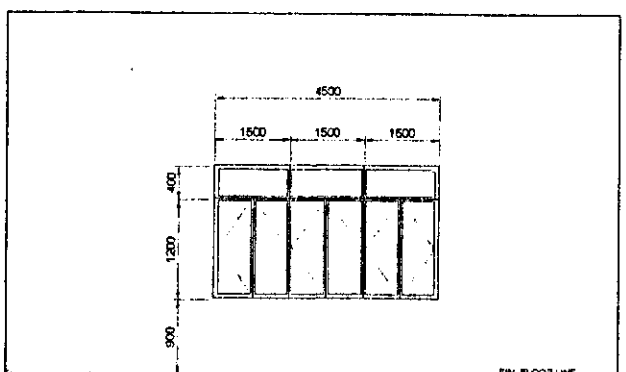
W-6	
TYPE :	12mm THICK FRAMELESS TEMPERED CLEAR GLASS IN POWDER COATED ALUMINUM CHANNEL
LOCATION :	SECURITY INSPECTION XRAY AREA
SETS :	ONE (1)



W-7	
TYPE :	1.5mm THICK ALUMINUM FRAMED POWDER COATED CASEMENT WINDOW WITH 10mm THK. REFLECTIVE TEMPERED GLASS
LOCATION :	GROUND FLOOR (REAR) SECOND FLOOR (REAR & RIGHT SIDE)
SETS :	SEVENTEEN (17)



W-8	
TYPE :	1.5mm THICK ALUMINUM FRAMED POWDER COATED CASEMENT WINDOW WITH 10mm THK. REFLECTIVE TEMPERED GLASS
LOCATION :	ELECTRICAL ROOM
SETS :	ONE (1)



W-9	
TYPE :	1.5mm THICK ALUMINUM FRAMED POWDER COATED CASEMENT WINDOW WITH 10mm THK. REFLECTIVE TEMPERED GLASS
LOCATION :	TICKETING OFFICE
SETS :	ONE (1)

1 A-26 SCHEDULE OF WINDOWS

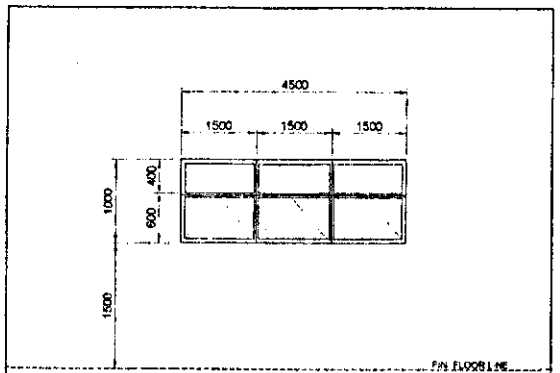
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PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

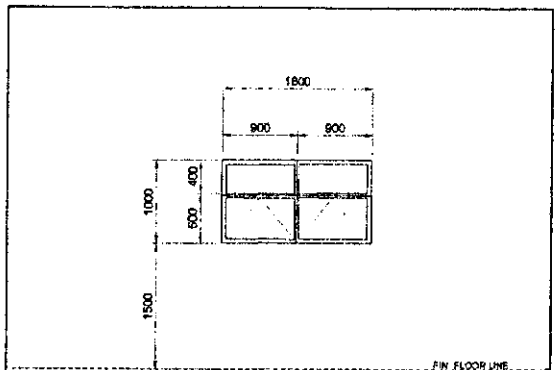
PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. PATIBAG	MARGARITO B. DIMAILIG	JON GABRIELL M. MANANSALA	REYNAND C. GRAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

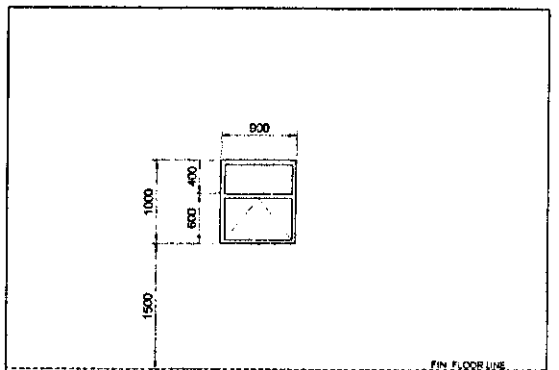
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AS SHOWN	SHEET NO. A-26 of 34
	DATE : 25 NOV 2024



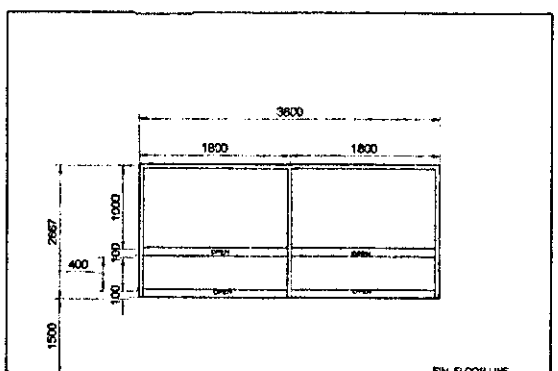
W-10	
TYPE	1.5mm THICK ALUMINUM FRAMED POWDER COATED AWNING WINDOW WITH 10mm THK. REFLECTIVE TEMPERED GLASS
LOCATION	GROUND FLOOR MALE & FEMALE TOILET SECOND FLOOR MALE & FEMALE TOILET
SETS:	FOUR (4)



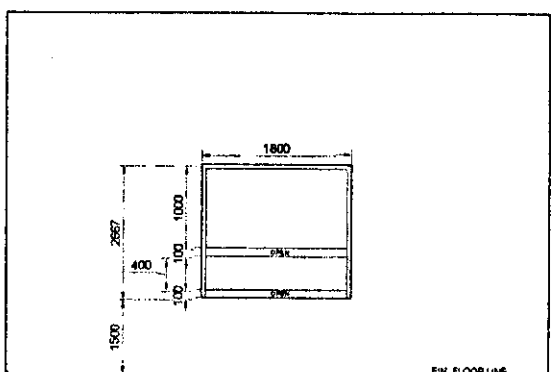
W-11	
TYPE :	1.5mm THICK ALUMINUM FRAMED POWDER COATED AWNING WINDOW WITH 10mm THK. REFLECTIVE TEMPERED GLASS
LOCATION	TMO KITCHEN
SETS :	ONE (1)



W-12	
TYPE :	1.5mm THICK ALUMINUM FRAMED POWDER COATED AWNING WINDOW WITH 10mm THK. REFLECTIVE TEMPERED GLASS
LOCATION	ALL GENDER TOILET TMO MALE & FEMALE TOILET
SETS	THREE (3)



W-13	
TYPE :	1.5mm THICK ALUMINUM FRAMED POWDER COATED FIXED TYPE WINDOW WITH 10mm THK. REFLECTIVE TEMPERED GLASS
LOCATION	TICKETING OFFICE
SETS :	ONE (1)



W-14	
TYPE :	1.5mm THICK ALUMINUM FRAMED POWDER COATED FIXED TYPE WINDOW WITH 10mm THK. REFLECTIVE TEMPERED GLASS
LOCATION	TERMINAL FEE
SETS :	ONE (1)

1 / A-27 SCHEDULE OF WINDOWS

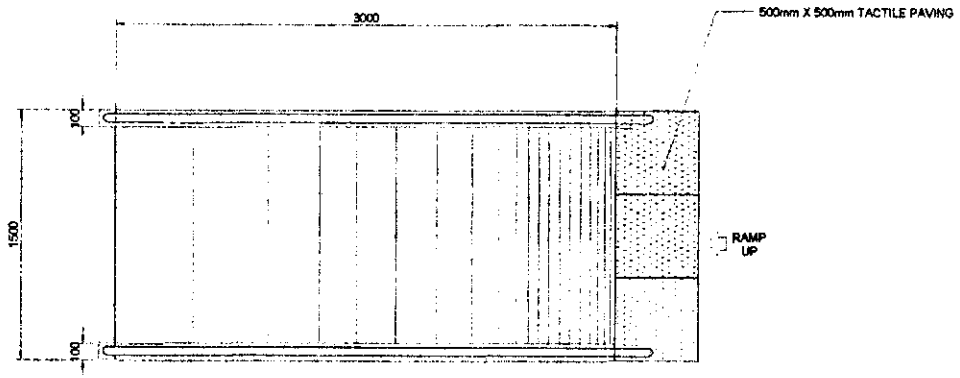
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PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

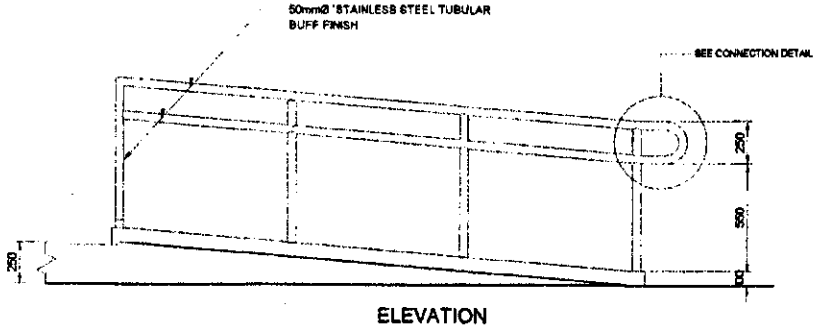
PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG Acting Principal Engineer A	MARGARITO P. DIMALIG Division Manager A, ESD	JON GABRIELL M. MANANSALA Port Manager A	REYNAND C. PARAFINA Manager, Port Planning and Design Department	JAMES J. GANTALAO Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. A-27 of 34
	DATE : 25 NOV 2024



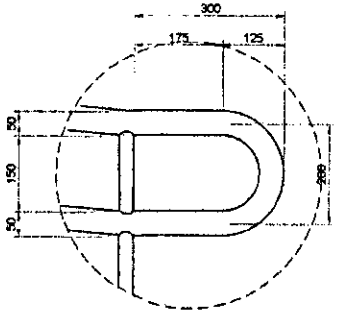
PLAN



ELEVATION

1 A-28 TYPICAL PWD RAMP DETAIL

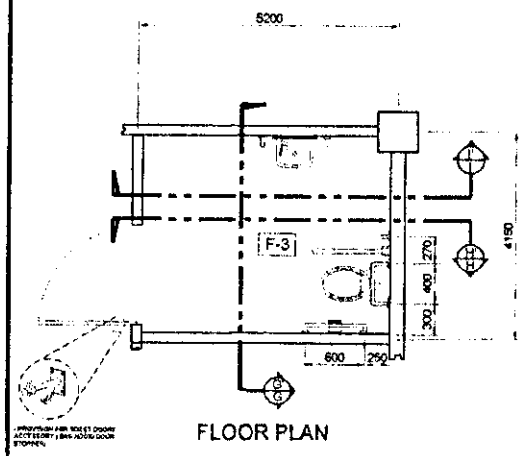
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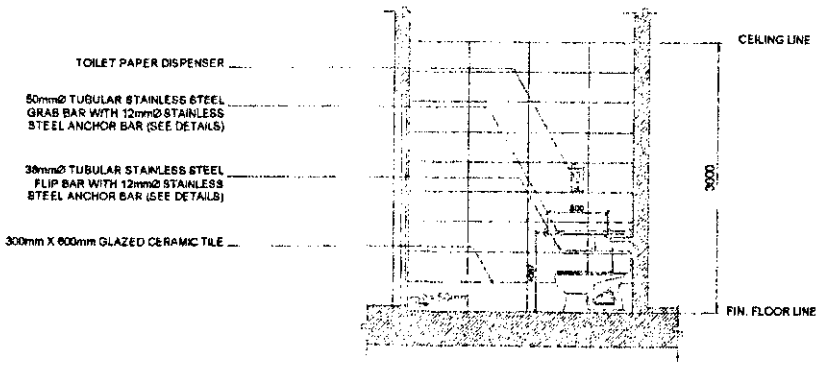
2 A-28 HAND RAIL CONNECTION DETAIL

SCALE 1:10 M

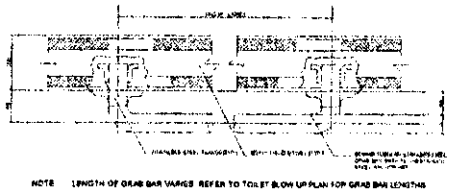
PHILIPPINE PORTS AUTHORITY PMO- MINDORO	PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS PORT OF ROXAS, ORIENTAL MINDORO				SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY: RONALD O. MATIBAG, Acting Principal Engineer A	CHECKED / REVIEWED BY: MARGARITO P. DIMALIG, Division Manager A, ESD	SUBMITTED BY: JONGABRIELL M. MANANSALA, Port Manager A	RECOMMENDING APPROVAL: REYNAND C. PARAFINA, Manager, Port Planning and Design Department	APPROVED BY: JAMES J. GAMALAO, Assistant General Manager for Engineering	AS SHOWN	SHEET NO. A-28 of 34
						DATE : 25 NOV 2024



FLOOR PLAN

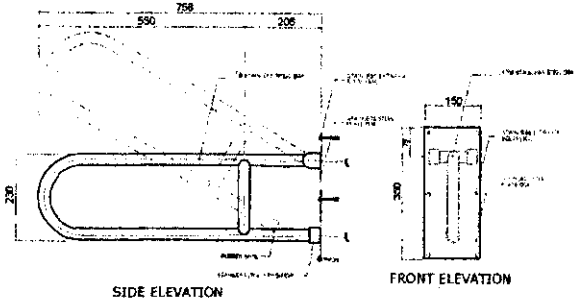


SECTION THRU H'-H"



NOTE LENGTH OF GRAB BAR VARIES REFER TO TOILET BLOW UP PLAN FOR GRAB BAR LENGTHS

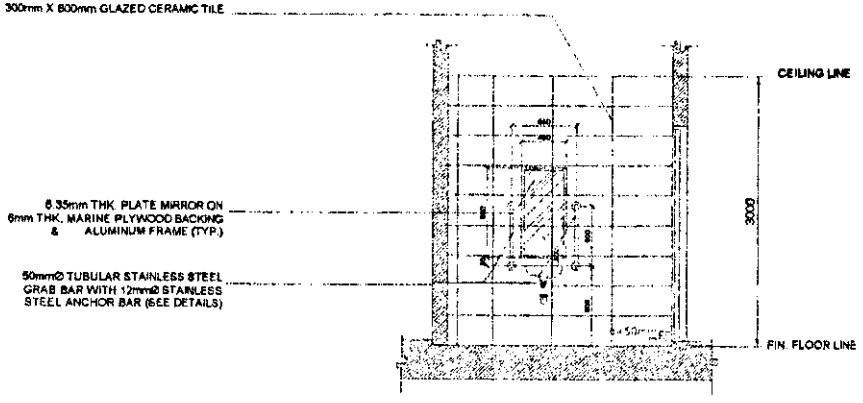
GRAB BAR DETAILS (TYP.)



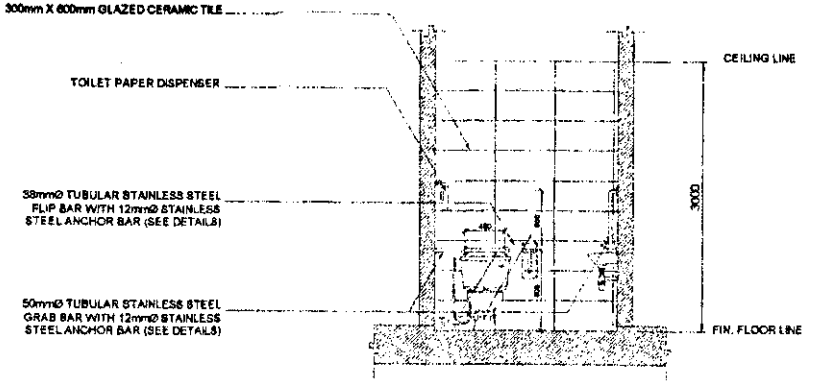
SIDE ELEVATION

FRONT ELEVATION

FLIP-UP BAR DETAILS (TYP.)



SECTION THRU I'-I"

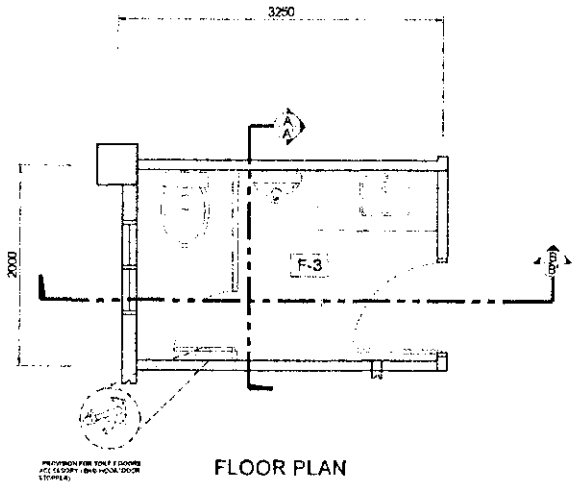


SECTION THRU G'-G"

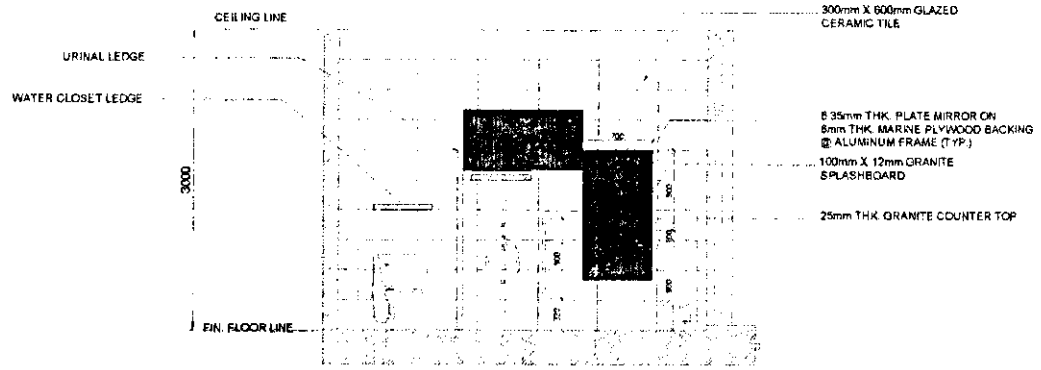
MALE & FEMALE PWD TOILET DETAILS

1 / A-29 SCALE 1:50 M

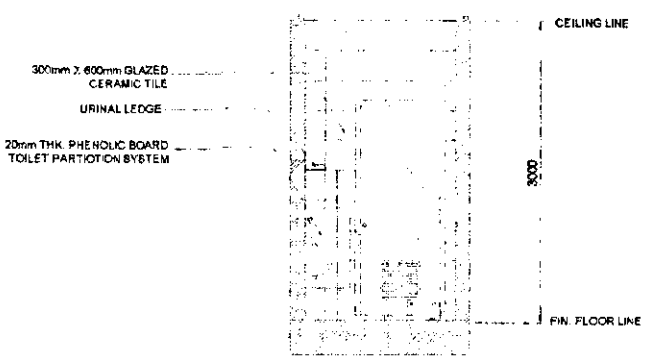
PHILIPPINE PORTS AUTHORITY PMO- MINDORO	PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS PORT OF ROXAS, ORIENTAL MINDORO				SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY: RONALD O. MATIBAG, Acting Principal Engineer A	CHECKED / REVIEWED BY: MARGARITO P. DIMALIG, Division Manager A, ESD	SUBMITTED BY: JONA GABRIELL M. MANANSALA, Port Manager A	RECOMMENDING APPROVAL: REYNAND C. PARAFINA, Manager, Port Planning and Design Department	APPROVED BY: JAMES J. GUNTALAO, Assistant General Manager for Engineering	AS SHOWN	SHEET NO. A-29 of 34
						DATE: 25 NOV 2024



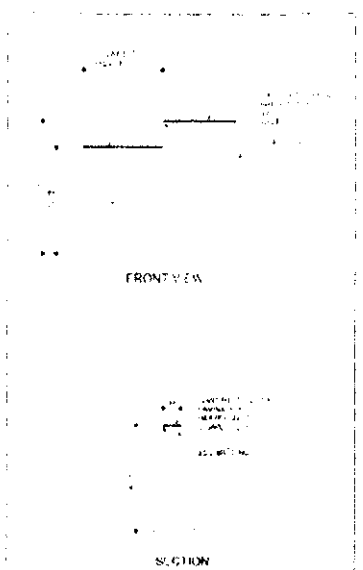
FLOOR PLAN



SECTION THRU B'-B"



SECTION THRU A'-A"





PERSPECTIVE

1 / A-30 ALL GENDER TOILET DETAILS

SCALE 1:50 M

TYPICAL DETAIL OF WATER CLOSET / URINAL LEDGE
PWD , ALL GENDER , MALE & FEMALE TOILET

PHILIPPINE PORTS AUTHORITY
PMO: MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

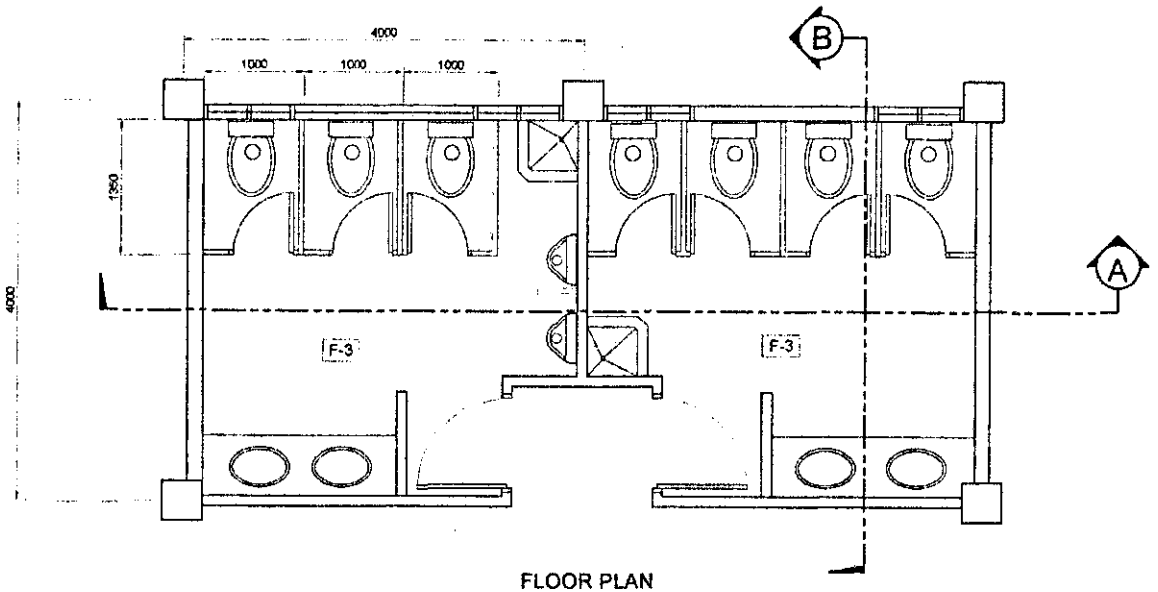
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD C. MATIBAG	MARGARITO P. DIMALIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: AS SHOWN

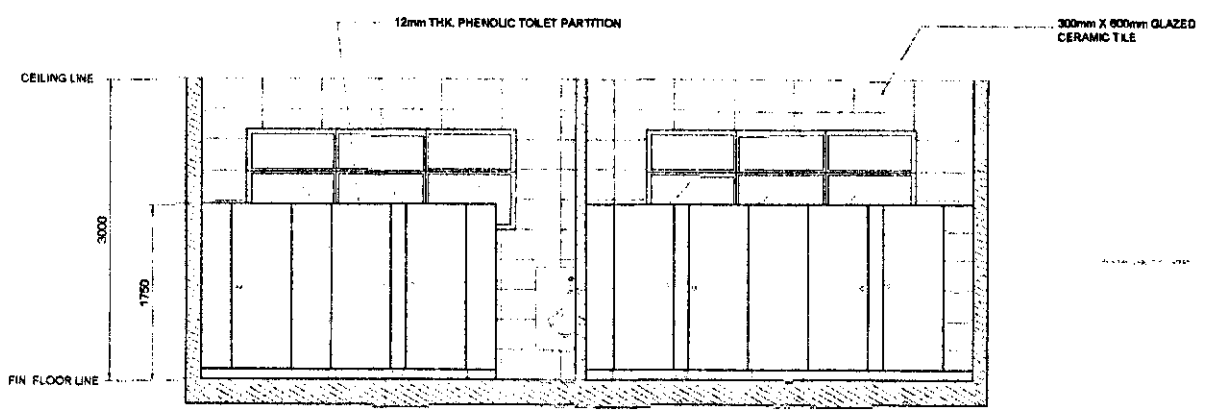
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SHEET NO. A-30 of 34

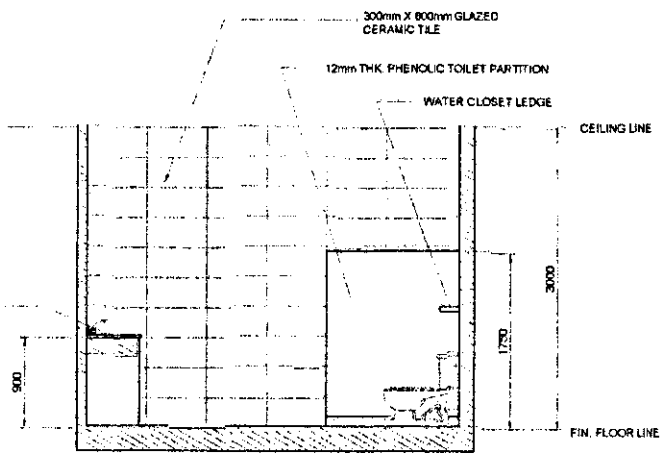
DATE : 25 NOV 2024



FLOOR PLAN



SECTION THRU A'-A"



SECTION THRU B'-B"

1 / A-31 MALE AND FEMALE TOILET DETAILS

SCALE 1:50 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

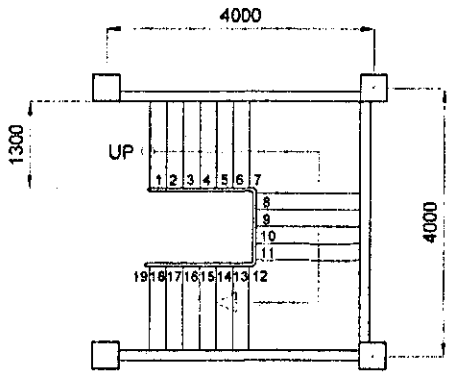
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMALIG	JONA GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: AS SHOWN

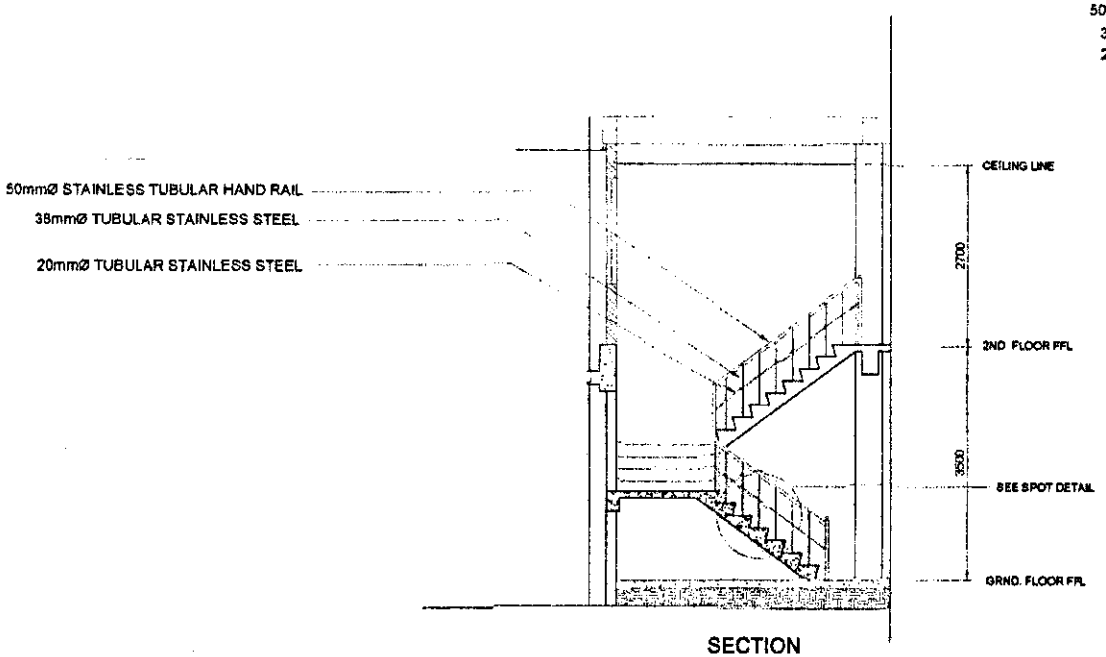
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SHEET NO. A-31 of 34

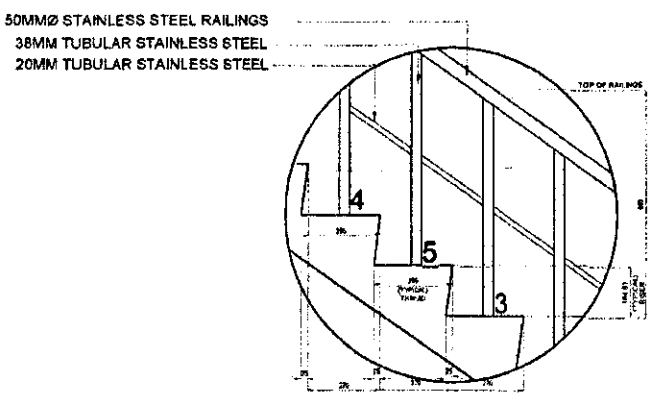
DATE : 25 NOV 2024



PLAN



SECTION



SPOT DETAIL

1 / A-32 STAIR DETAILS

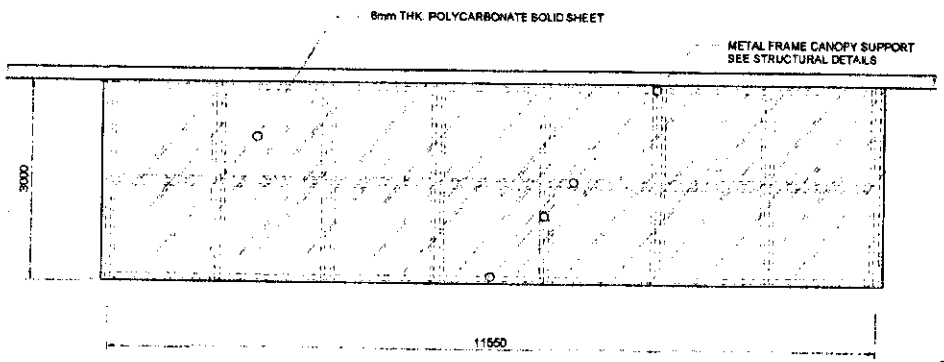
SCALE 1:75 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

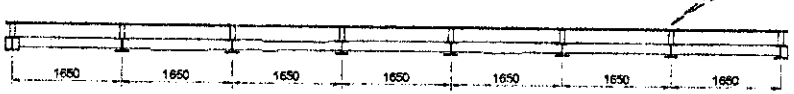
PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. CMAILIG	JONA GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE:
AS SHOWN	AS SHOWN
	SHEET NO. A-32 of 34
	DATE : 26 NOV 2024



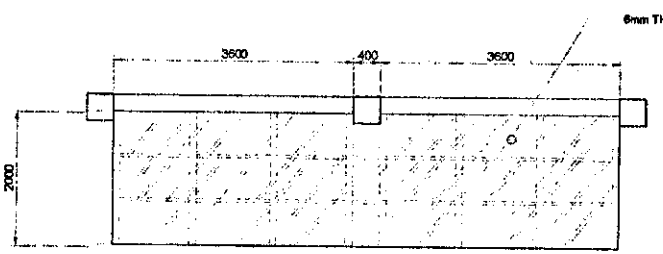
PLAN



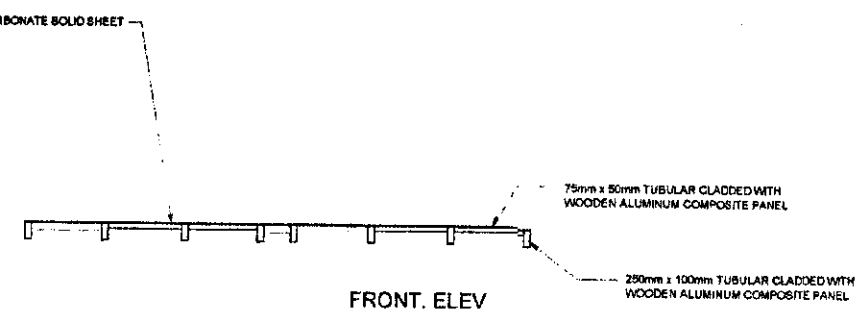
FRONT ELEV.

CANOPY-1

1
A-33 SCALE 1:75 M



PLAN



FRONT. ELEV

CANOPY-2

2
A-33 SCALE 1:75 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMAILIG	JOHN GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES L. SANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. A-33 of 34
	DATE: 25 NOV 2024

MATERIALS : STAINLESS STEEL PLATE CUT OUT WITH LED BACK LIGHT
AUTOMOTIVE PAINT FINISH

PHILIPPINE PORTS AUTHORITY

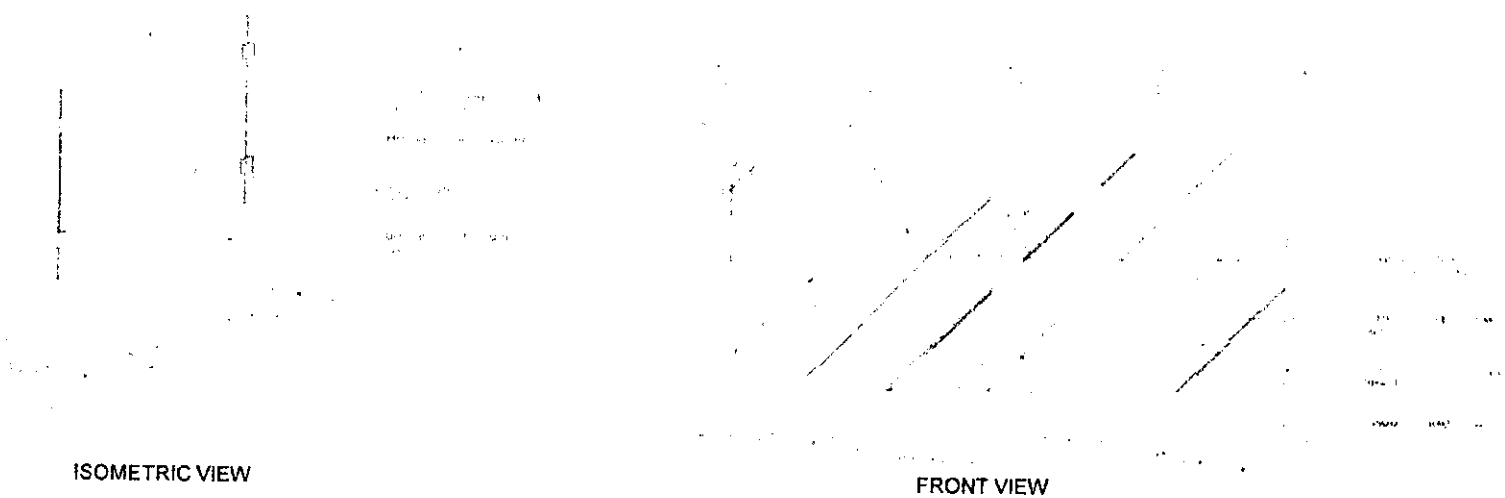
PORT OPERATIONS BUILDING

PORT OF ROXAS, ORIENTAL MINDORO

1200 350 250

1 LIGHTED SIGNAGE / LOGO DETAIL

A-34 SCALE NTS



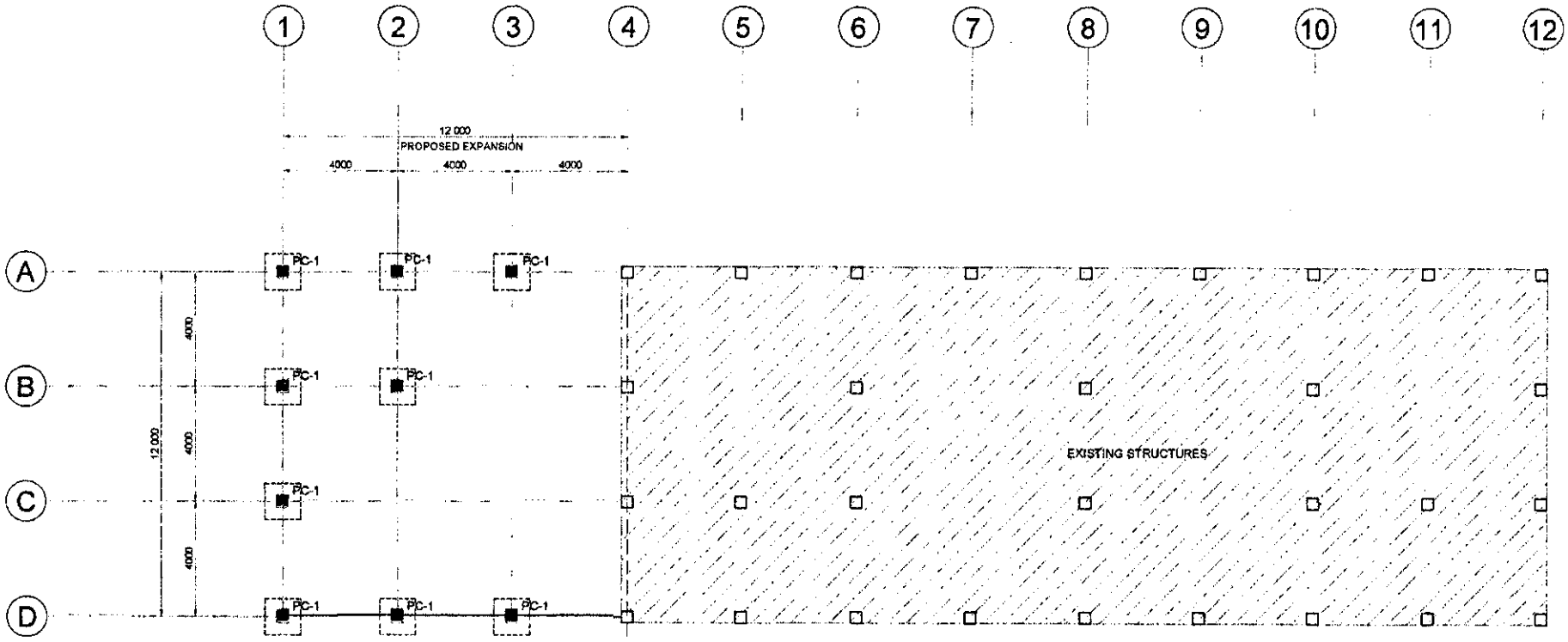
ISOMETRIC VIEW

FRONT VIEW

2 GLASS RAILINGS DETAIL

A-34 SCALE NTS

PHILIPPINE PORTS AUTHORITY PMO- MINDORO	PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS PORT OF ROXAS, ORIENTAL MINDORO				SHEET CONTENTS: AS SHOWN	SCALE: AS SHOWN
	PREPARED BY: RONALD O. MATIBAG, Acting Principal Engineer A	CHECKED / REVIEWED BY: MARGARITO P. DIMAILIG, Division Manager A, ESD	SUBMITTED BY: JON GABRIELL M. MANANSALA, Port Manager A	RECOMMENDING APPROVAL: REYNAND C. PARAFINA, Manager, Port Planning and Design Department	APPROVED BY: JAMES J. GANTALAO, Assistant General Manager for Engineering	SHEET NO. A-34 of 34
						DATE : 25 NOV 2024



1 S-1 PILE LAYOUT PLAN

SCALE 1:150 M

PILE SCHEDULE

PILE	PILE CAP I.D	No. OF PILES	LENGTH (mm)	SIZE (mm)	Required Bearing Power (M.T.)
VERTICAL	PC-1	1	11000	450 x 450	85

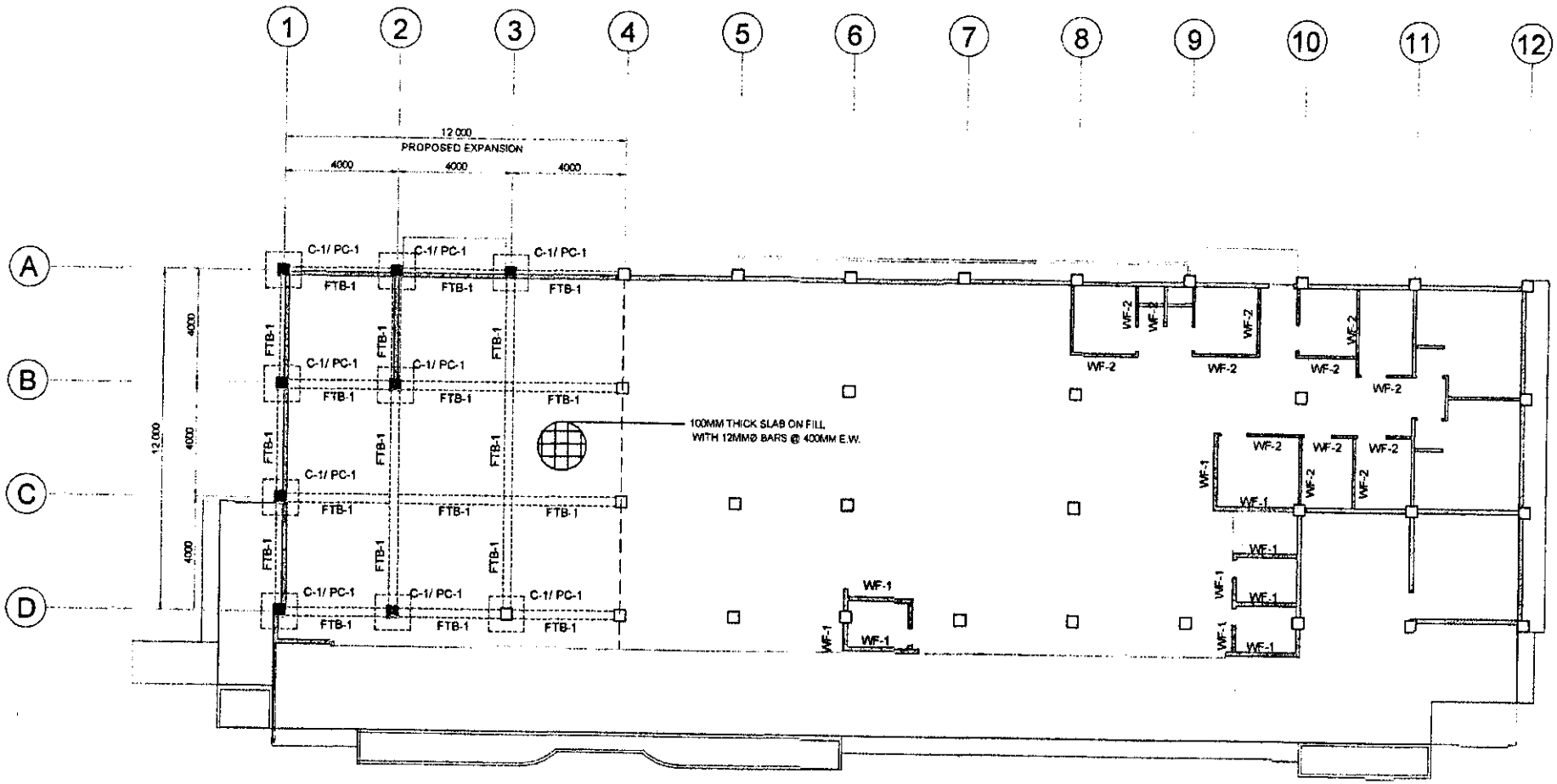
NOTE: The Authority will provide the PSC piles.

PHILIPPINE PORTS AUTHORITY
PMO MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO B. DIMAILIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. S-1 of 12
	DATE : 25 NOV 2024



1 S-2 FOUNDATION PLAN

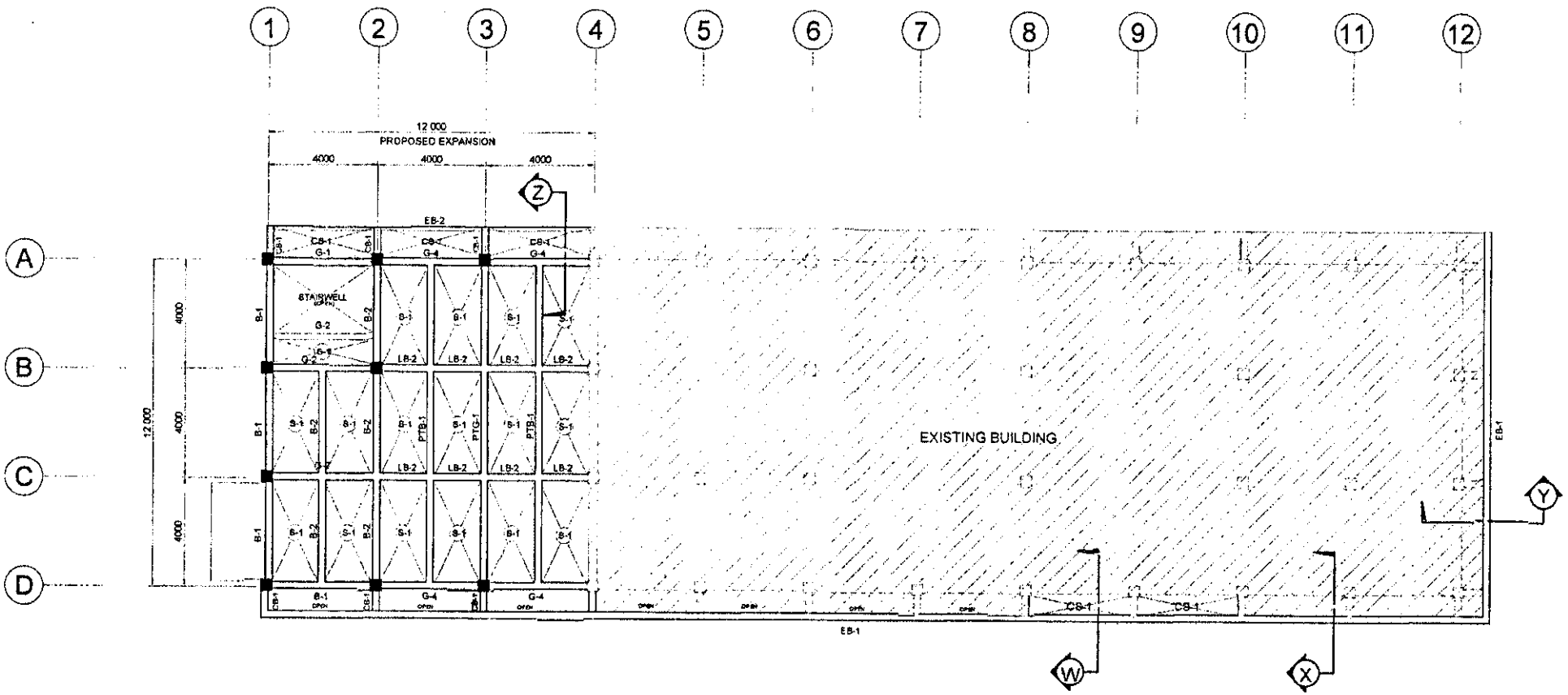
SCALE 1:150 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
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RONALD O. MATIBAG	MARGARITO P. DIMALIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GOMEZ ALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

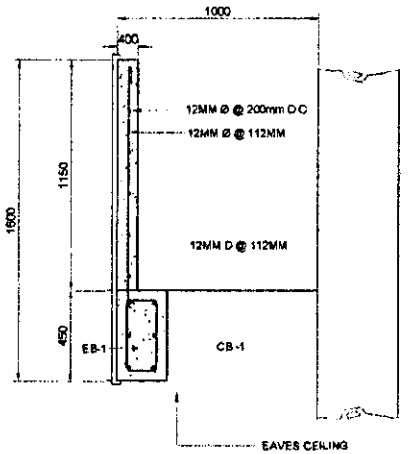
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AS SHOWN	SHEET NO. S-2 of 12
	DATE : 25 NOV 2024



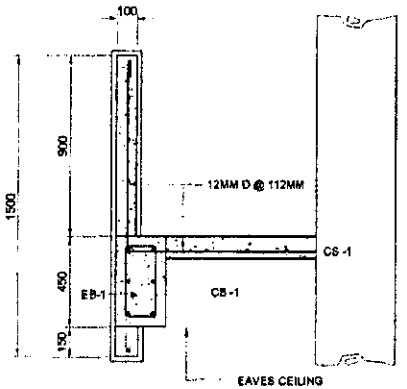
1 S-3 SECOND FLOOR FRAMING PLAN

SCALE 1:150 M

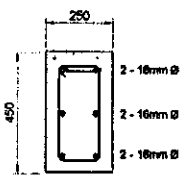
PHILIPPINE PORTS AUTHORITY PMO- MINDORO	PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS PORT OF ROXAS, ORIENTAL MINDORO				SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY: RONALD O. MATIBAG, Acting Principal Engineer A	CHECKED / REVIEWED BY: MARGARITO P. DIMAILIG, Division Manager A, ESD	SUBMITTED BY: JONGABRIELL M. MANANSALA, Port Manager A	RECOMMENDING APPROVAL: REYNAND C. PARAFINA, Manager, Port Planning and Design Department	APPROVED BY: JAMES J. GANTALAO, Assistant General Manager for Engineering	AS SHOWN	SHEET NO. S-3 of 12
						DATE : 25 NOV 2024



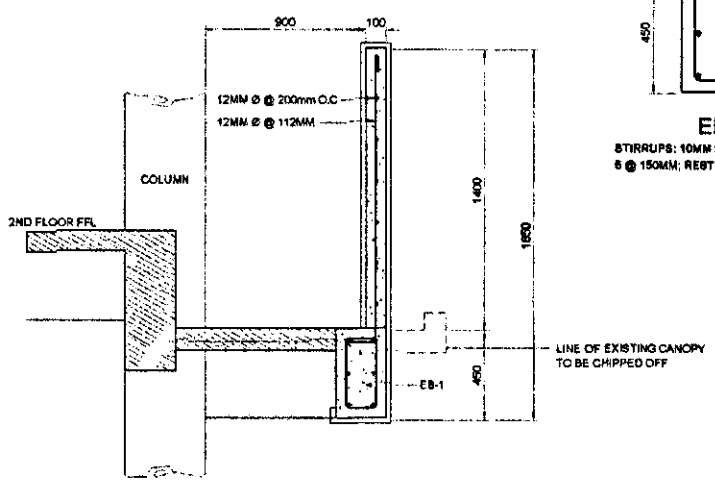
1 S-4 SECTION THRU "W"
SCALE 1:25 M



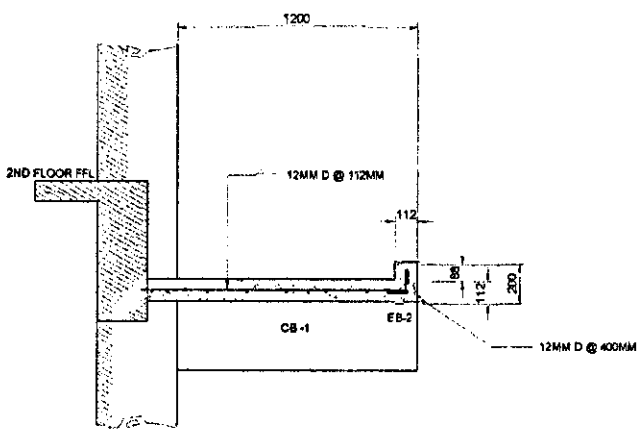
2 S-4 SECTION THRU "X"
SCALE 1:25 M



EB-1
STIRRUPS: 10MM D; 1 @ 50MM; 3 @ 100MM; 5 @ 150MM; REST @ 250MM



3 S-4 SECTION THRU "Y"
SCALE 1:25 M



4 S-4 SECTION THRU "Z"
SCALE 1:25 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
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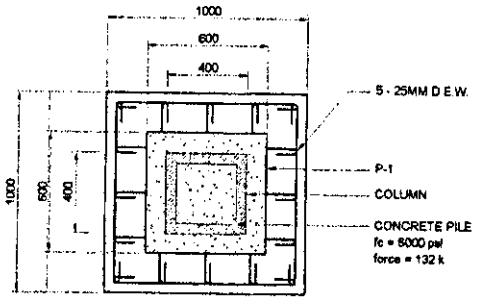
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RONALD G. MATIBAG	MARGARITO P. DIMALIG	JON GABRIELL M. MANANSALA	REYNANO C. TARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: AS SHOWN

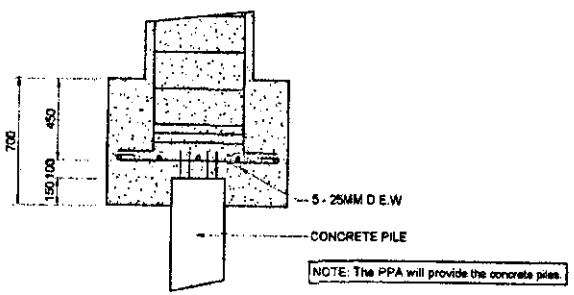
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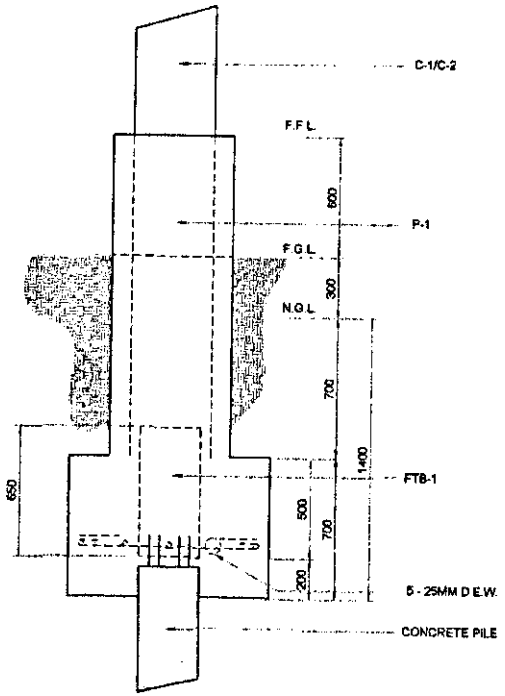
DATE : 25 NOV 2024



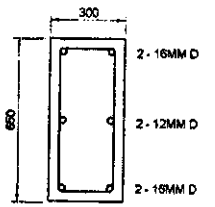
P-1 PLAN



1 S-5 DETAIL OF PILE CAP-FOOTING
SCALE 1:25 M

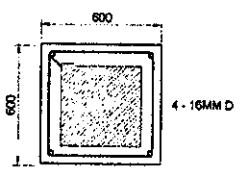


2 S-5 CONNECTION DETAIL OF FOOTING
SCALE 1:25 M



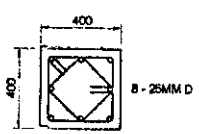
STIRRUPS: 10MM D; 1 @ 75MM; REST @ 200MM;

FTB-1
SC. 1:20 M



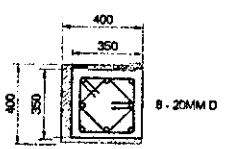
LAT. TIES: 10MM D @ 200MM

P-1 (FTG. TO F.F.L.)



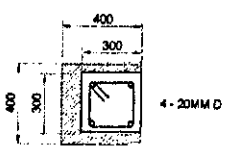
LAT. TIES: 10MM D (TWO SETS)
8 @ 150MM; REST @ 200 MM

C-1 (FTG. TO 2nd FLR.)



LAT. TIES: 10MM D (TWO SETS)
8 @ 150MM; REST @ 250 MM

C-2 (FTG. TO 2nd FLR.)



LAT. TIES: 10MM D @ 200MM

C-1 & C-2 (2nd FLR. TO ROOF)

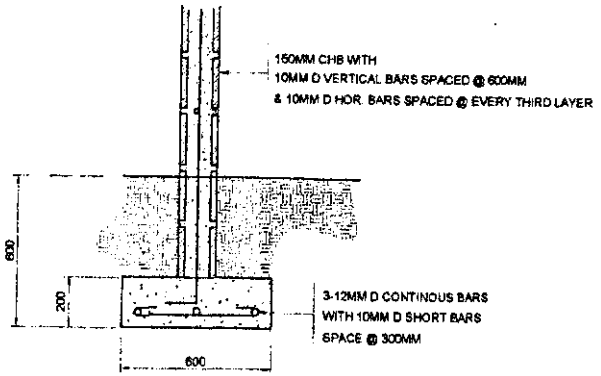
3 S-5 SCHEDULE OF COLUMN
SCALE 1:25 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

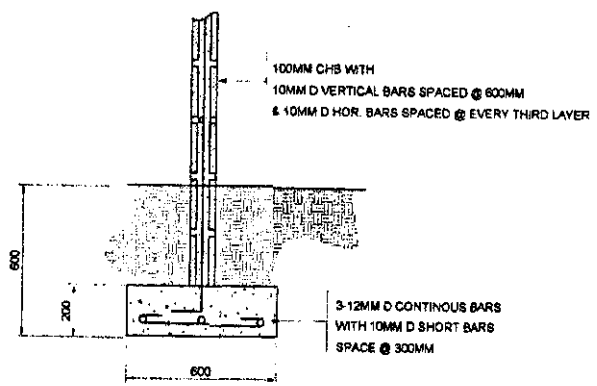
PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
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RONALD O. MATIBAG	MARGARITO P. DIMALIG	JOHN GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE:
AS SHOWN	AS SHOWN
	SHEET NO. S-5 of 12
	DATE : 25 NOV 2024



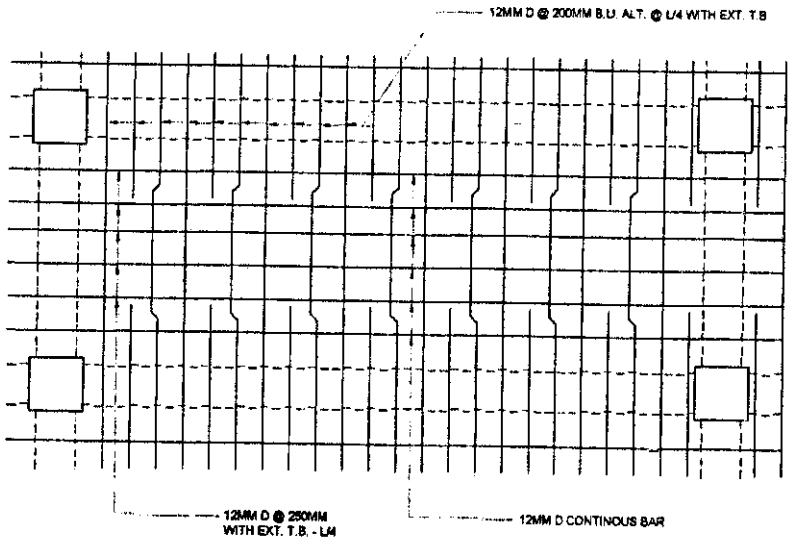
WF-1



WF-2

1 S-6 DETAIL OF WALL FOOTING (WF)

SCALE 1:20 M



2 S-6 DETAIL OF SLAB (S-1)

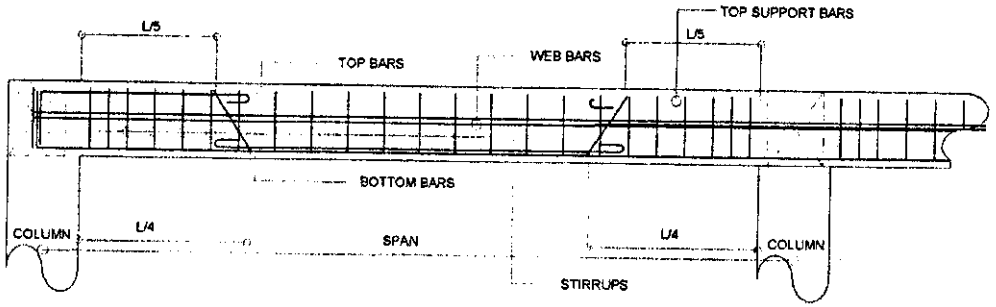
SCALE 1:30 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

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Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

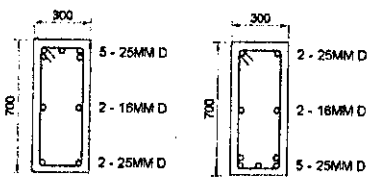
SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. S-6 of 12
	DATE : 25 NOV 2024



TYPICAL BEAM SECTIONAL ELEVATION

1 / S-7

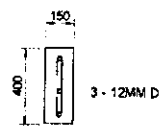
SCALE NTS



STIRRUPS: 10MM D; 1 @ 50MM; 2 @ 100MM; 4 @ 150MM; REST @ 250MM

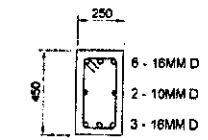
@ SUPPORT @ MIDSPAN

G-4 SECTION



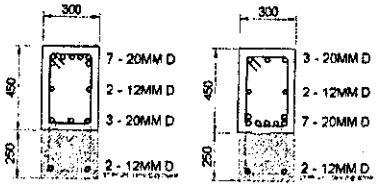
STIRRUPS: 10MM D @ 200 MM

LB-2 SECTION



STIRRUPS: 10MM D; 1 @ 50MM; 6 @ 100MM; REST @ 150MM

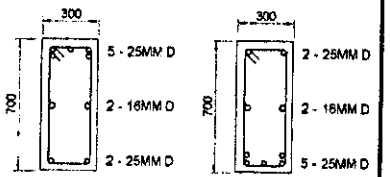
CB-1 SECTION



STIRRUPS: 10MM D; 1 @ 50MM; 2 @ 100MM; 4 @ 150MM; REST @ 250MM

@ SUPPORT @ MIDSPAN

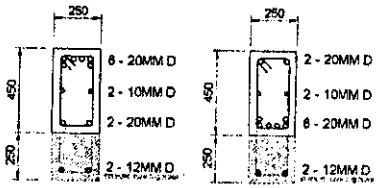
G-1, G-2, SECTION



STIRRUPS: 10MM D; 1 @ 50MM; 2 @ 100MM; 4 @ 150MM; REST @ 250MM

@ SUPPORT @ MIDSPAN

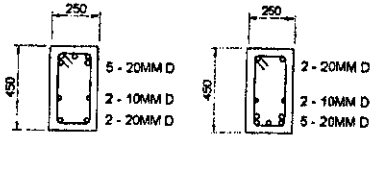
G-3 SECTION



STIRRUPS: 10MM D; 1 @ 50MM; 3 @ 100MM; 5 @ 150MM; REST @ 250MM

@ SUPPORT @ MIDSPAN

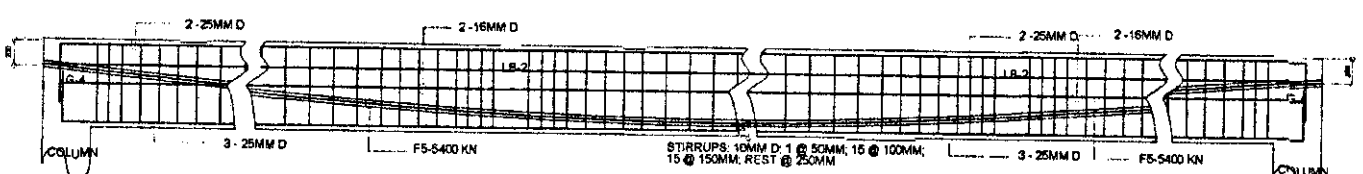
B-1 SECTION



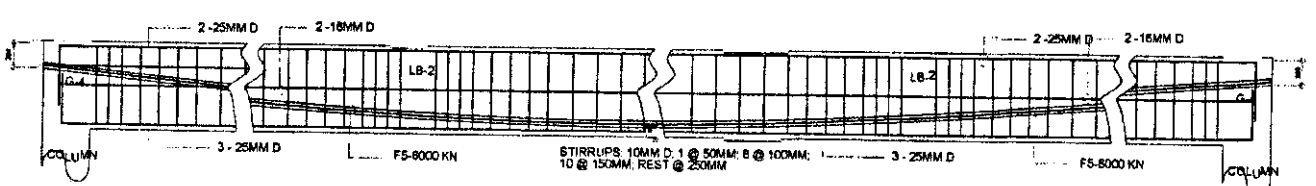
STIRRUPS: 10MM D; 1 @ 50MM; 3 @ 100MM; 5 @ 150MM; REST @ 250MM

@ SUPPORT @ MIDSPAN

B-2 SECTION



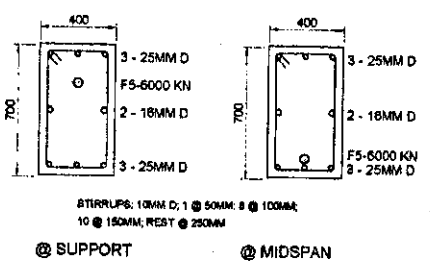
PTB-1 SECTIONAL ELEVATION



PTG-1 SECTIONAL ELEVATION

2 / S-7 BEAM DETAILS

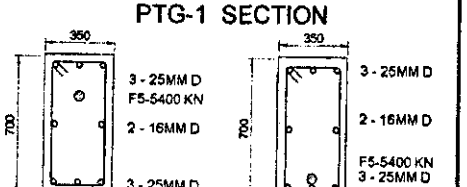
SCALE 1:40 M



STIRRUPS: 10MM D; 1 @ 50MM; 8 @ 100MM; 10 @ 150MM; REST @ 250MM

@ SUPPORT @ MIDSPAN

PTG-1 SECTION



STIRRUPS: 10MM D; 1 @ 50MM; 8 @ 100MM; 10 @ 150MM; REST @ 250MM

@ SUPPORT @ MIDSPAN

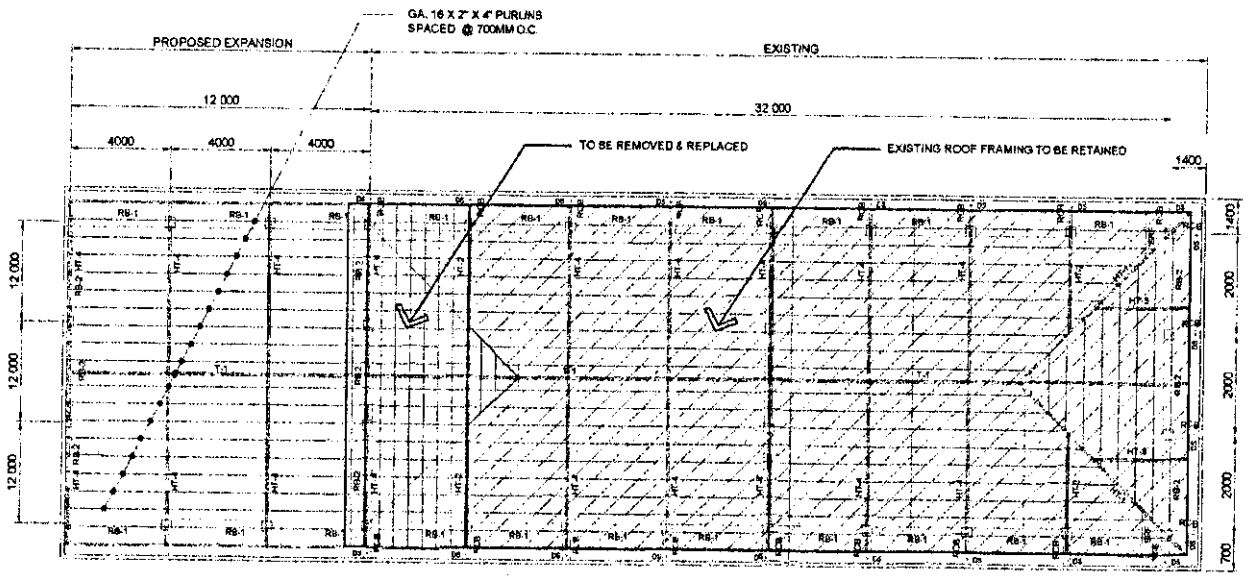
PTB-1 SECTION

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

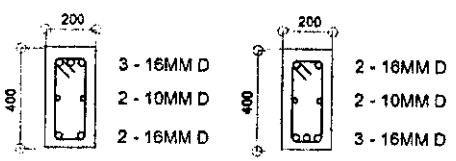
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. PATIBAG	MARGARITO P. DIMAILIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, EBD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE:
AS SHOWN	AS SHOWN
	SHEET NO. S-7 of 12
	DATE : 25 NOV 2024



1 S-8 ROOF FRAMING PLAN

SCALE 1:200 M



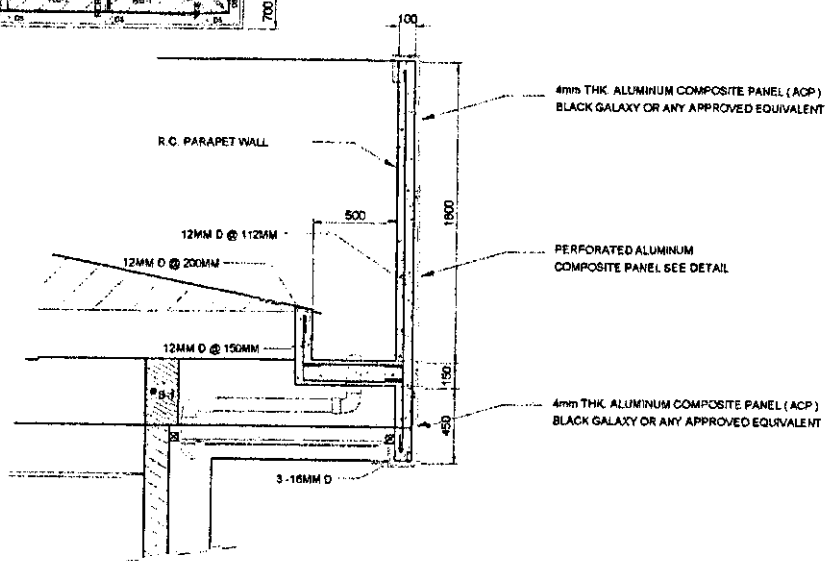
STIRRUPS: 10MM D; 1 @ 50MM; 3 @ 100MM;
5 @ 150MM; REST @ 200MM

@ SUPPORT @ MIDSPAN

RB-1 SECTION

2 S-8 ROOF BEAM DETAIL

SCALE 1:20M



3 S-8 CONC. GUTTER (CG) DETAILS

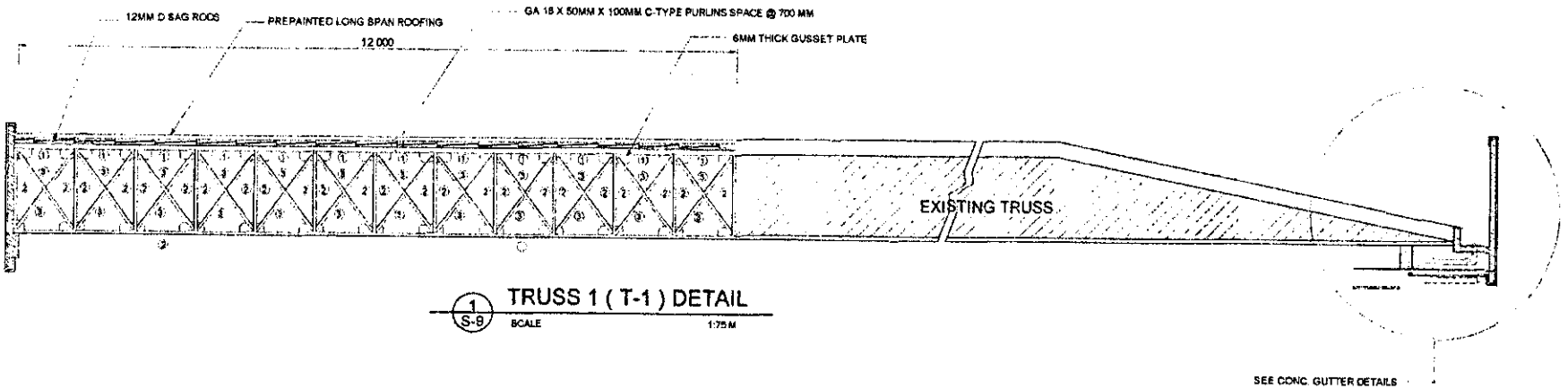
SCALE 1:30M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

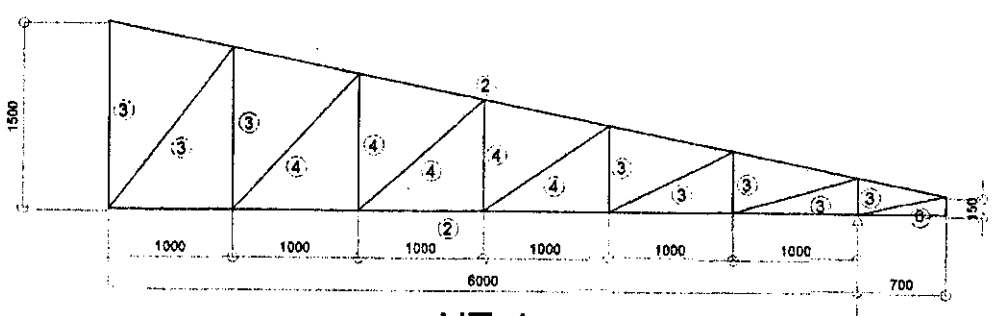
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMALIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. S-8 of 12
	DATE : 25 NOV 2024



1 / S-9 TRUSS 1 (T-1) DETAIL

SCALE 1:75 M



HT-4

LEGEND

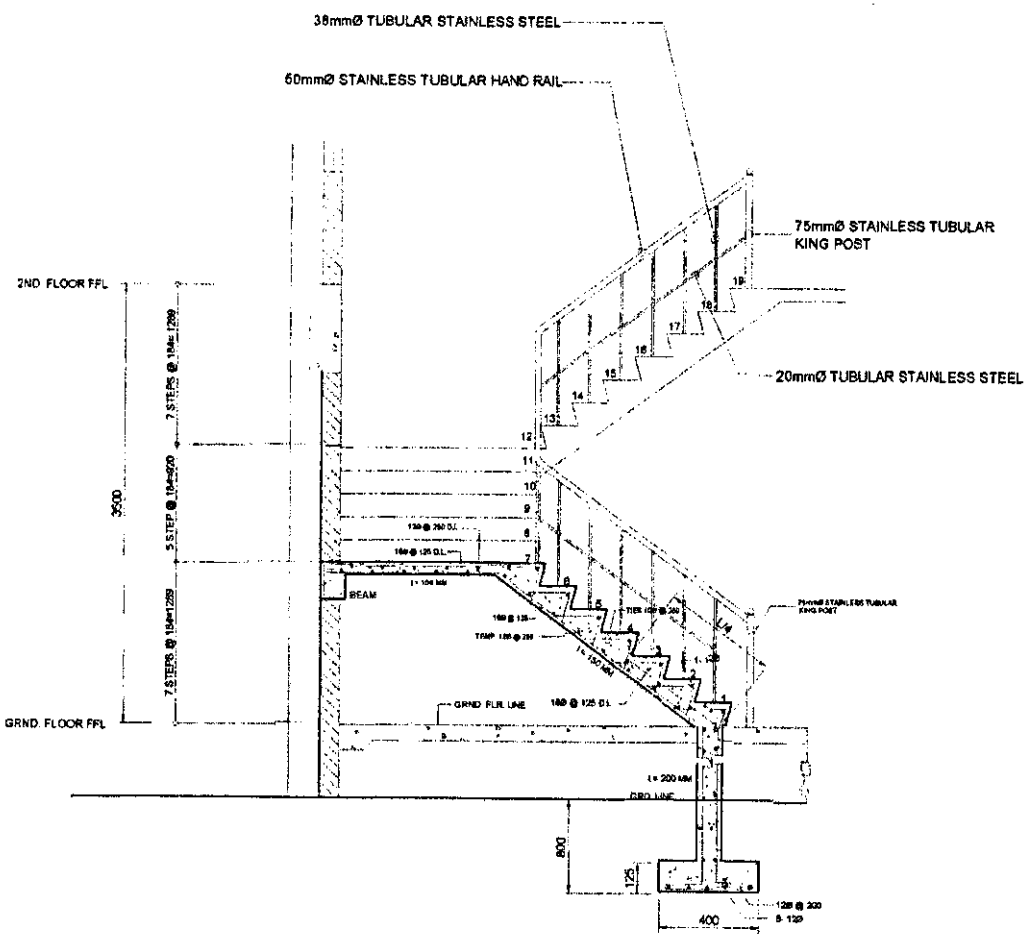
① 2 - [illegible]	- 9MM X 62MM X 62MM
② 2 - [illegible]	- 6MM X 62MM X 62MM
③ 2 - [illegible]	- 4.5MM X 50MM X 50MM
④ 2 - [illegible]	- 4.5MM X 38MM X 38MM
⑤ 2 - [illegible]	- 3MM X 38MM X 38MM
⑥ 1 - [illegible]	- 3MM X 38MM X 38MM

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMALIG	JON GABRIELL M. MANANSALA	REYNAND C. PAMAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

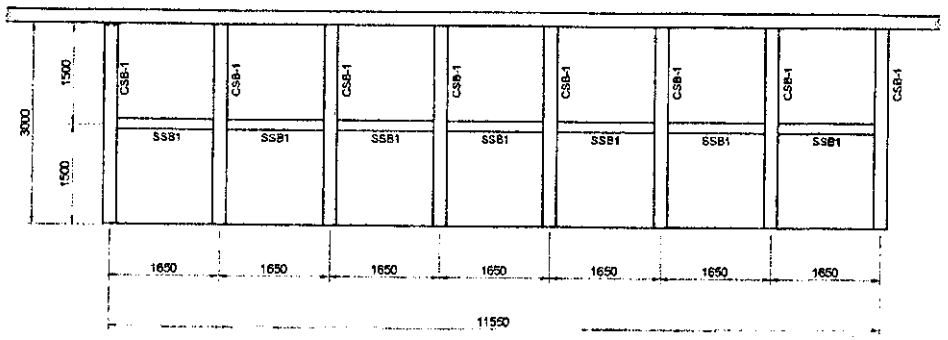
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AS SHOWN	AS SHOWN
	SHEET NO. S-9 of 12
	DATE : 25 NOV 2024



1 / S-10 STAIRS DETAILED SECTION

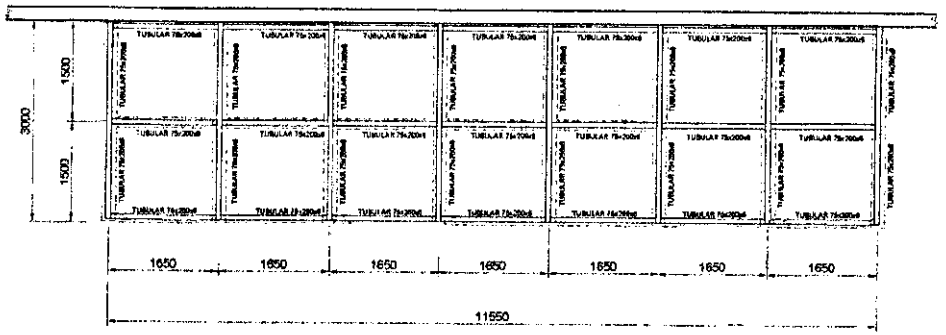
SCALE 1:40 M

PHILIPPINE PORTS AUTHORITY PMO- MINDORO	PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS PORT OF ROXAS, ORIENTAL MINDORO				SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY: RONALDO MATIBAG, Acting Principal Engineer A	CHECKED / REVIEWED BY: MARGARITO P. DIMALIG, Division Manager A, ESD	SUBMITTED BY: JON GABRIELL M. MANANSALA, Port Manager A	RECOMMENDING APPROVAL: REYNAND C. PARAFINA, Manager, Port Planning and Design Department	APPROVED BY: JAMES J. GANTALAO, Assistant General Manager for Engineering	AS SHOWN	SHEET NO. S-10 of 12
						DATE : 25 NOV 2024



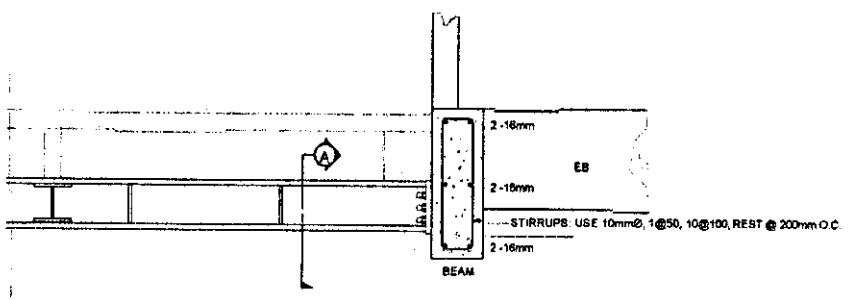
CANOPY-1 FRAMING PLAN
LOWER SEGMENT

1
S-11 SCALE 1:75 M



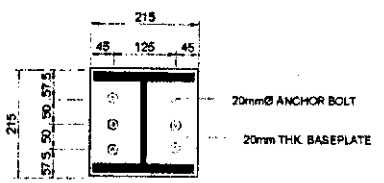
CANOPY-1 FRAMING PLAN
UPPER SEGMENT

2
S-11 SCALE 1:75 M



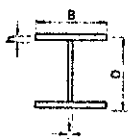
CONNECTION DETAIL OF CANOPY

3
S-11 SCALE 1:20M



SECTION A

SCALE 1:10M



STEEL BEAM SCHEDULE				
DESCRIPTION	SIZE OF BEAM (mm)			
	B	D	h	t
CSB-1	200	200	17.40	10.20
SSB-1	150	150	11.50	8.10

NOTES:
ALL STEEL JOINTS WERE FULLY WELDED AND PROVIDED WITH CONTINUITY PLATE, THICKNESS OF PLATE WERE BASE ON THE FLANGE CONNECTED.

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

SHEET CONTENTS:

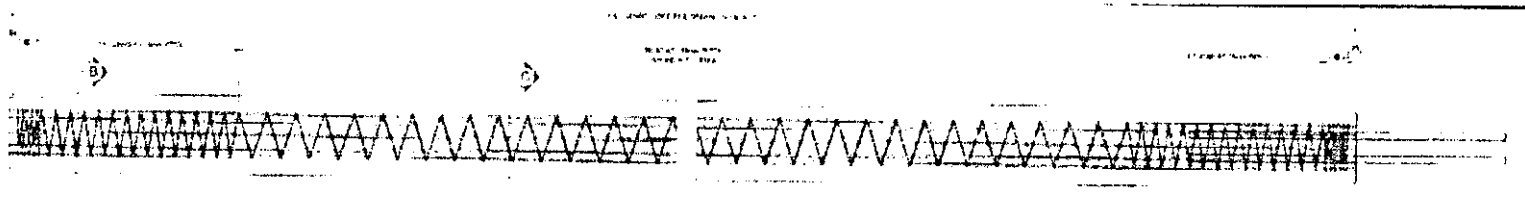
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PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMALUG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

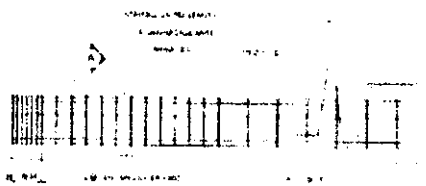
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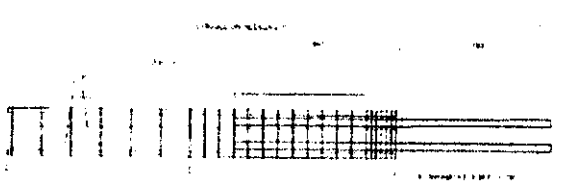
SHEET NO. S-11 of 12

DATE : 25 NOV 2024



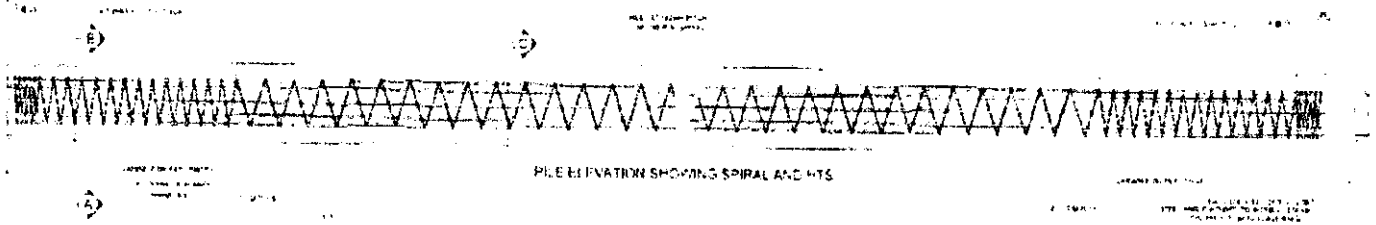
PILE ELEVATION SHOWING SPIRAL AND HTS



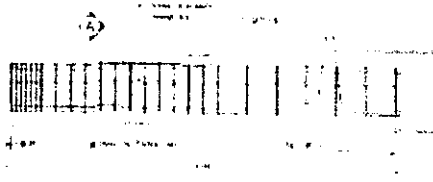


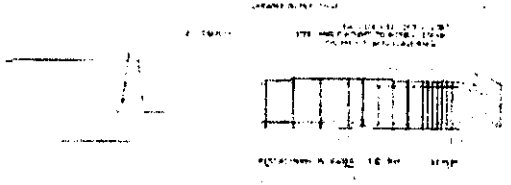
PILE ELEVATION SHOWING CAGE BARS AND TIES

DETAIL OF 450 x 450 PRE-STRESSED CONCRETE PILES (UPPER SEGMENT)



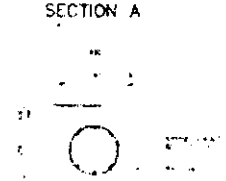
PILE ELEVATION SHOWING SPIRAL AND HTS



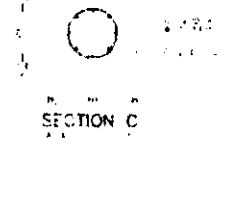




SECTION A



SECTION B



SECTION C

SPECIFICATIONS

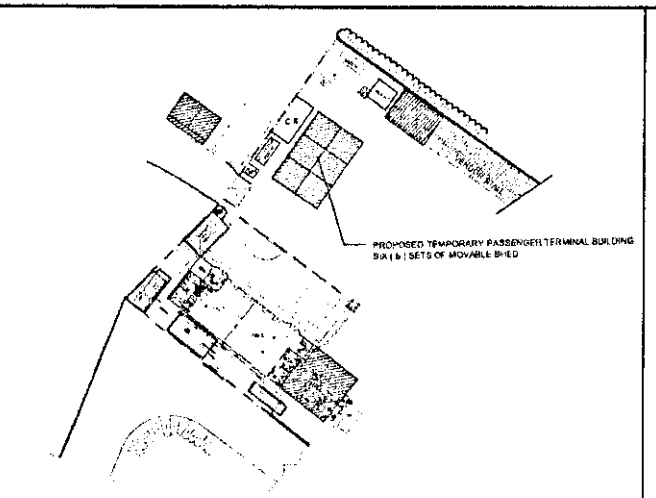
PILE ELEVATION SHOWING CAGE BARS AND TIES

DETAIL OF 450mm x 450 mm PRE-STRESS CONCRETE PILES (LOWER SEGMENT)

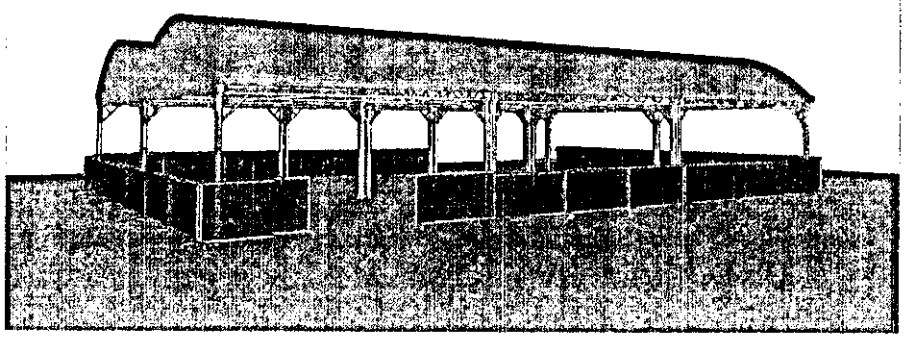
3
S-12

DETAIL OF 450MMx450mm CONCRETE PILES

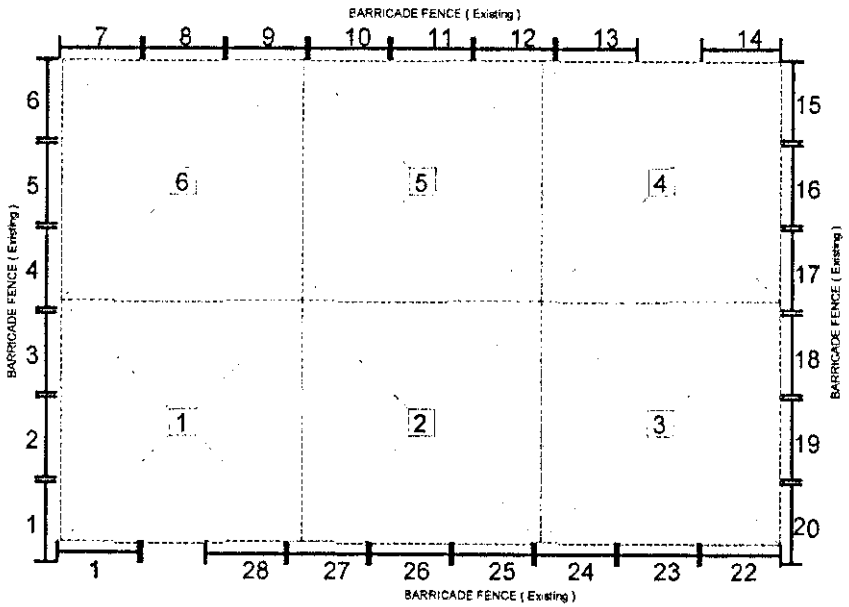
PHILIPPINE PORTS AUTHORITY PMO- MINDORO	PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS PORT OF ROXAS, ORIENTAL MINDORO				SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY: RONALD O. MATIBAG, Acting Principal Engineer A	CHECKED / REVIEWED BY: MARGARITO R. DIMALIG, Division Manager A, ESD	SUBMITTED BY: JON GABRIELL M. MANANSALA, Port Manager A	RECOMMENDING APPROVAL: REYNAND C. PARAFINA, Manager, Port Planning and Design Department	APPROVED: JAMES J. GANTALAO, Assistant General Manager for Engineering	AS SHOWN	SHEET NO. S-12 of 12
						DATE : 25 NOV 2024



1 LOCATION PLAN
SCALE NTS



PERSPECTIVE



LAYOUT PLAN OF MOVABLE SHED
AND MOVABLE BARRICADE FENCE
SCALE 1:125M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

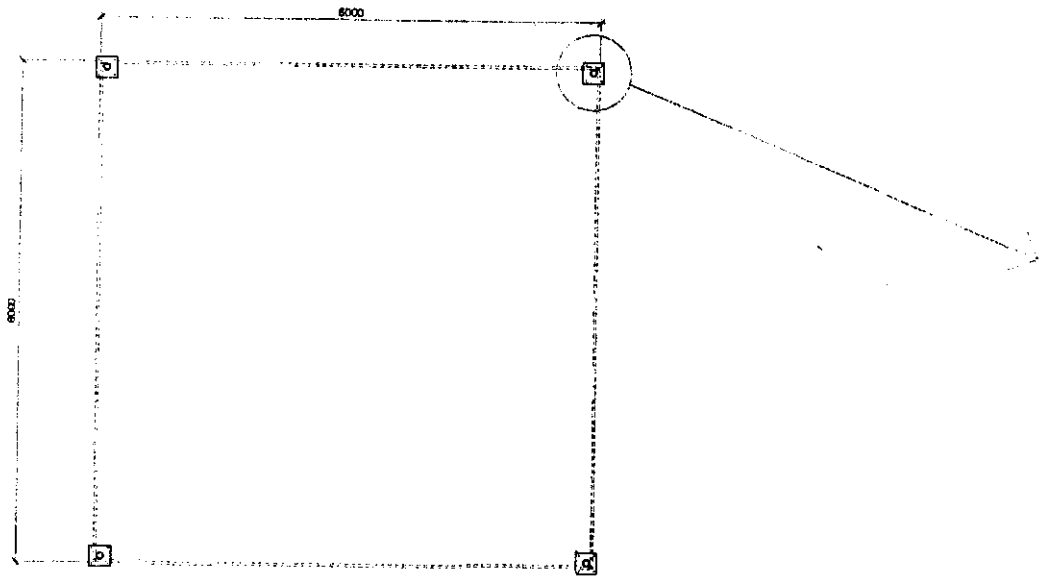
SHEET CONTENTS: TEMPORARY PASSENGER TERMINAL BUILDING

SCALE: AS SHOWN

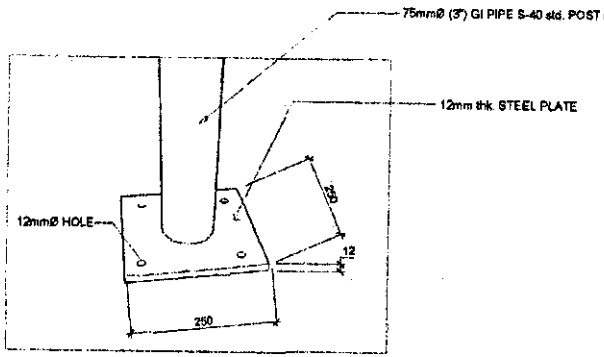
SHEET NO. 1 of 5

DATE : 25 NOV 2024

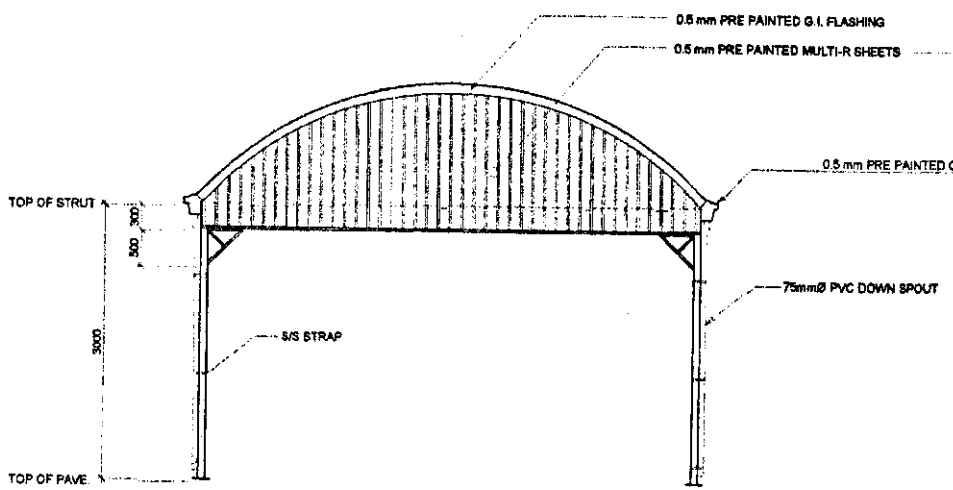
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMAILIG	JON GABRIELL M. MANANSALA	REYNAND C. PERAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering



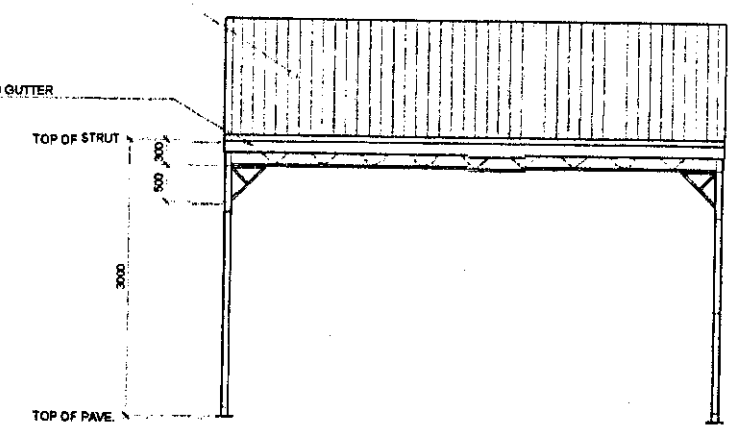
PLAN
SCALE 1:80M



BASE PLATE DETAIL



FRONT ELEV.
SCALE 1:75M



SIDE ELEV.
SCALE 1:75M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

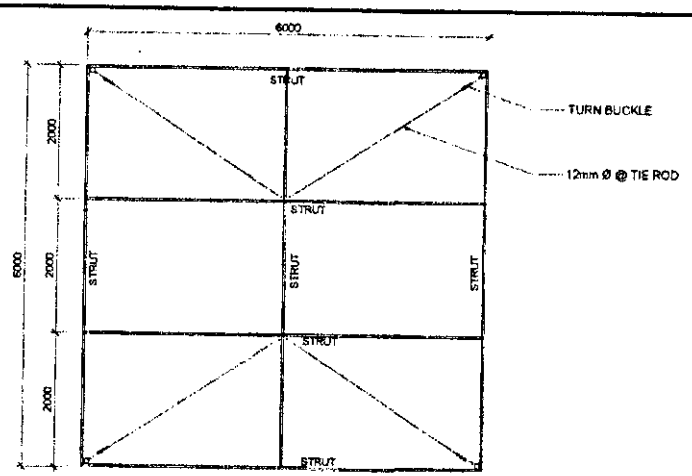
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. CAMALIG	JON GABRIELL M. MANANSALA	REYNAND C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: TEMPORARY PASSENGER TERMINAL BUILDING

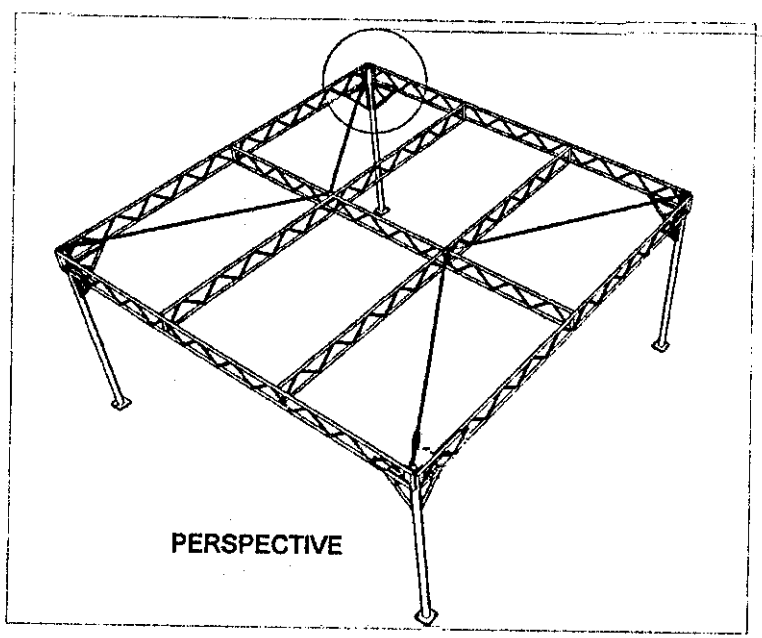
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SHEET NO. 2 of 5

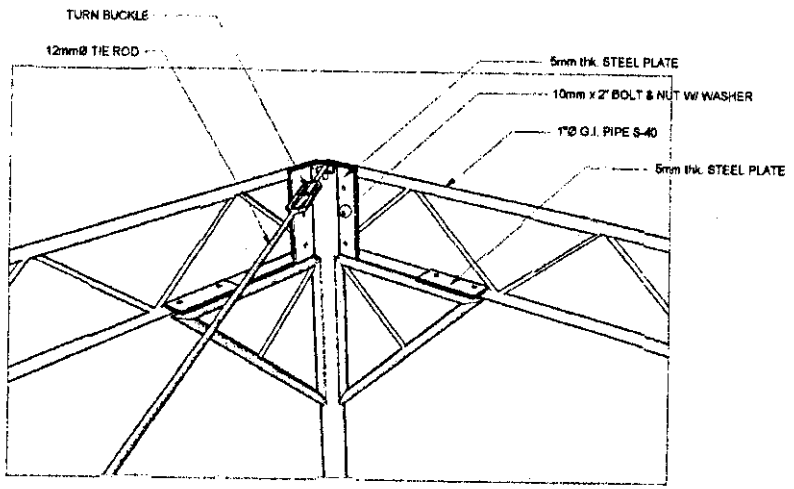
DATE : 26 NOV 2024



STRUTS PLAN
SCALE 1:75M



PERSPECTIVE

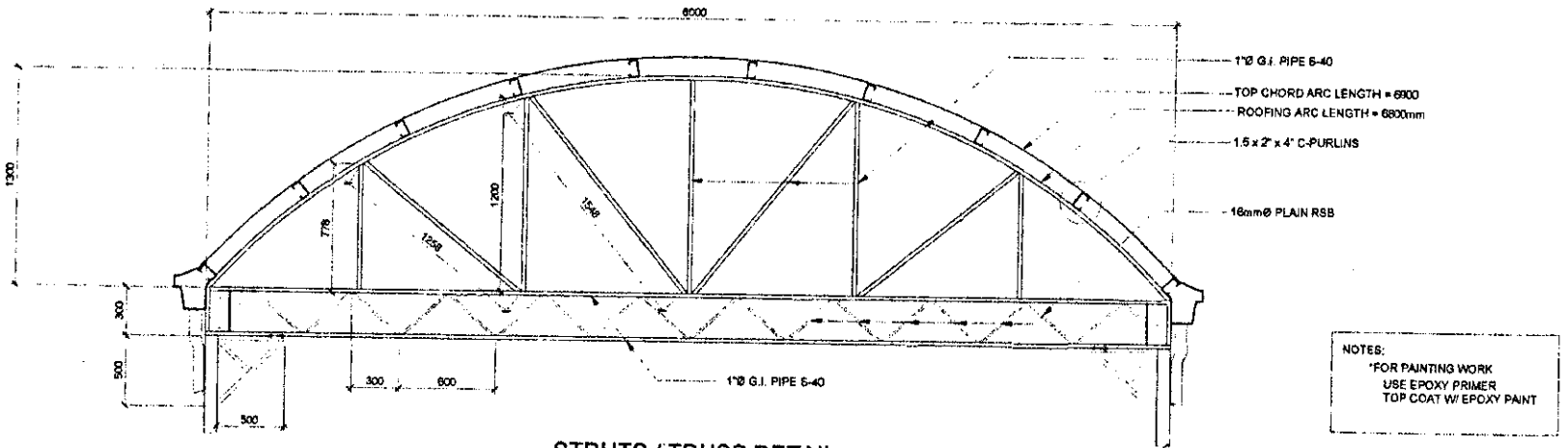


PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. NATIBAG Acting Principal Engineer A	MARGARITO P. DIMAILIG Division Manager A, ESD	JON GABRIELL M. MANANSALA Port Manager A	REYNANO C. TARAFINA Manager, Port Planning and Design Department	JAMES J. GABAT ALAO Assistant General Manager for Engineering

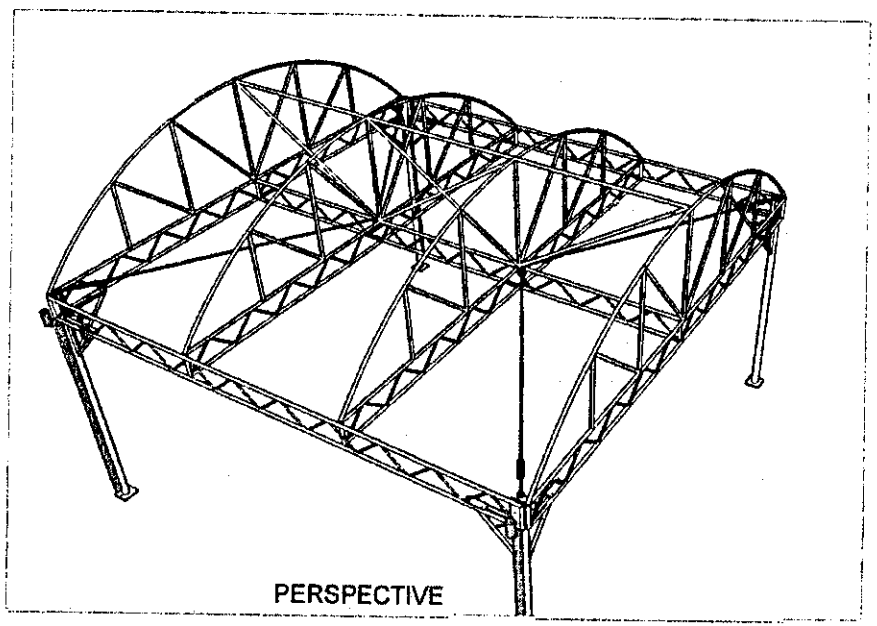
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TEMPORARY PASSENGER TERMINAL BUILDING	SHEET NO. 3 of 5
	DATE : 25 NOV 2024



NOTES:
*FOR PAINTING WORK
USE EPOXY PRIMER
TOP COAT W/ EPOXY PAINT

STRUTS / TRUSS DETAIL

SCALE 1:30M



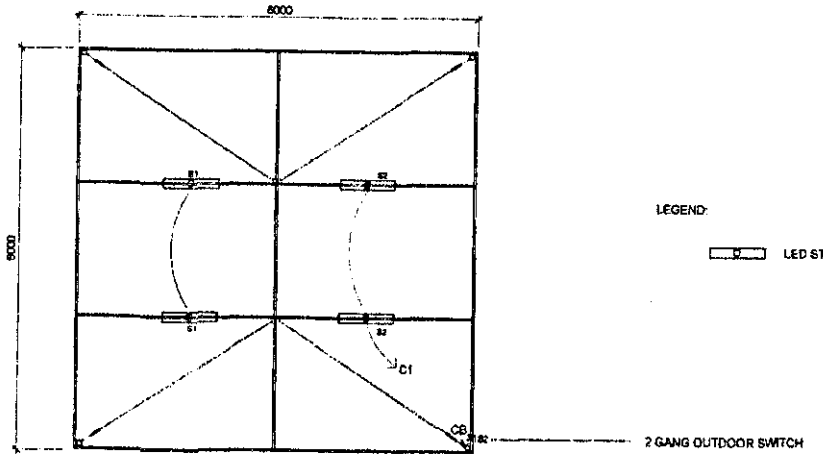
PERSPECTIVE

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG Acting Principal Engineer A	MARGARITO P. DIMAILIG Division Manager A, ESD	JON GABRIELL M. MANANSALA Port Manager A	REYNARD C. PARAFINA Manager, Port Planning and Design Department	JAMES J. GAMALAO Assistant General Manager for Engineering

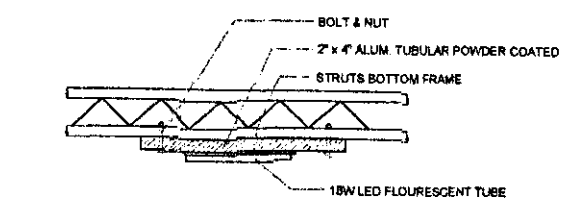
SHEET CONTENTS:	SCALE: AS SHOWN
TEMPORARY PASSENGER TERMINAL BUILDING	SHEET NO. 4 of 5
	DATE: 25 NOV 2024



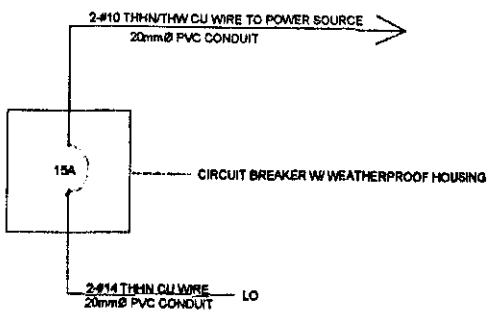
ELECTRICAL PLAN
SCALE 1:75M

LEGEND:

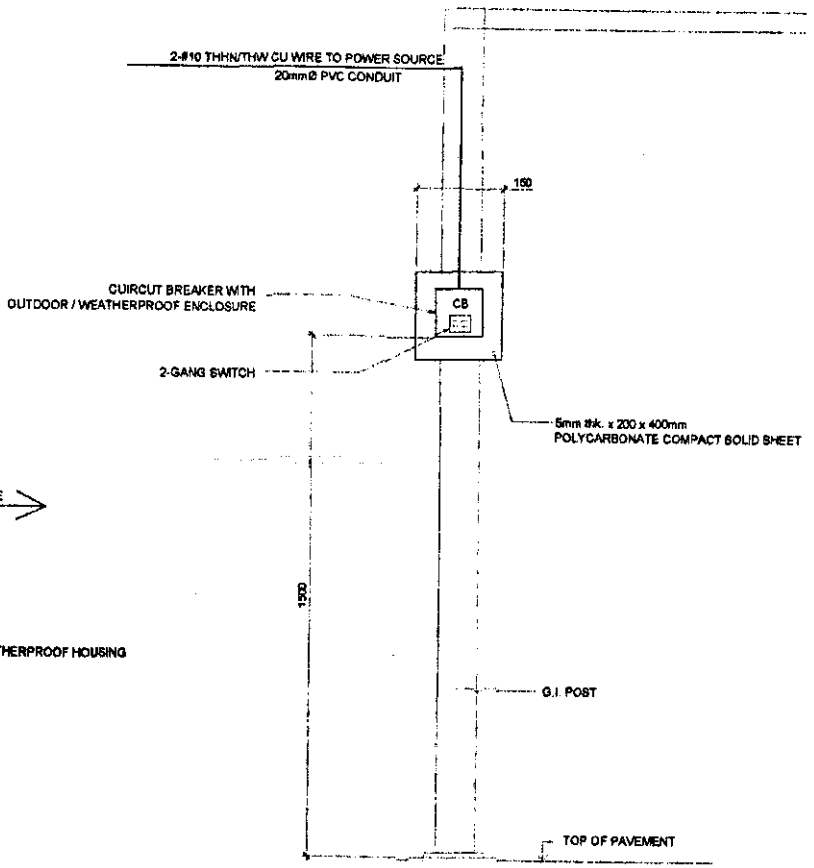
LED STRAIGHT FLOURESCENT TUBE 18 W



LIGHTING FIXTURES INSTALLATION DETAIL



RISER DIAGRAM



CB INSTALLATION DETAIL

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

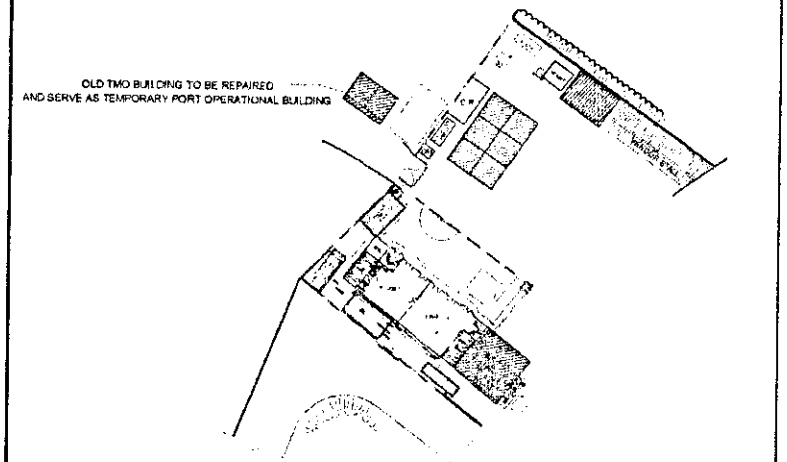
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALDO MATIBAG	MARGARITO P. DIMALIG	JONA GABRIELL M. MANANSALA	REYNAND C. ARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager for ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: TEMPORARY PASSENGER TERMINAL BUILDING

SCALE: AS SHOWN

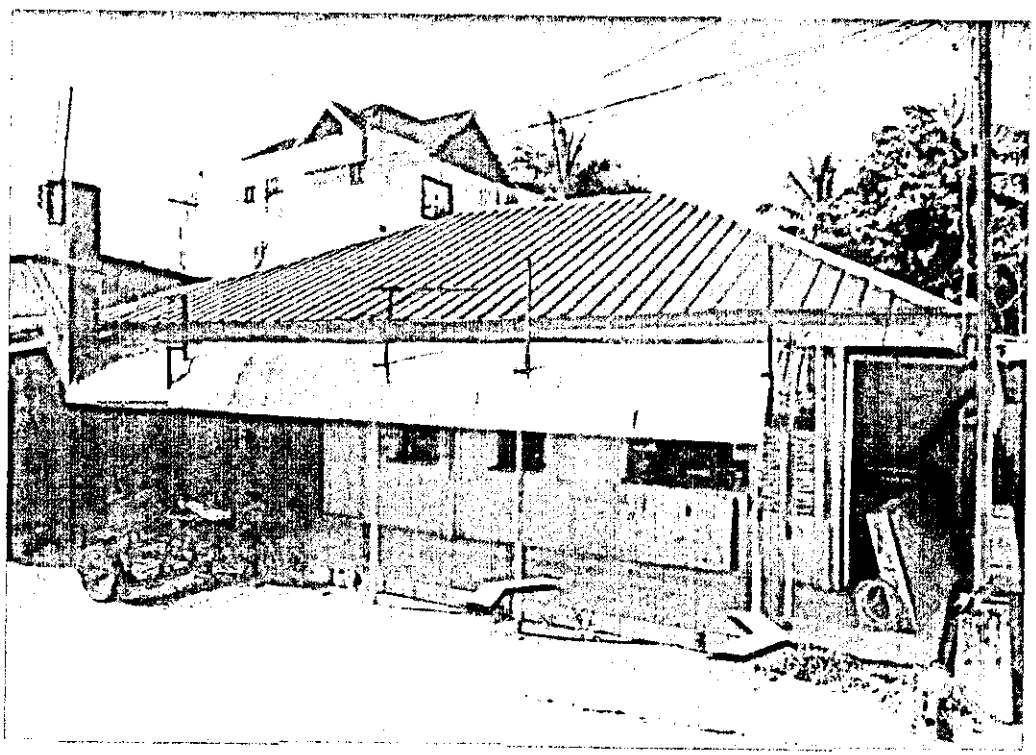
SHEET NO. 5 of 5

DATE : 25 NOV 2024



1 LOCATION PLAN

SCALE NTS



OLD TMO BUILDING TO BE REPAIRED

1. Repainting of Interior & Exterior Walls
2. Repainting of Roofing
3. Replacement of roof gutter & down spout
4. Replacement of ceiling
5. Replacement of pipe
6. Replacement of Doors & Windows
7. Replacement of toilet fixtures and plumbing pipes
8. Replacement of electrical wirings and lighting fixtures
9. Repair of kitchen counter top & cabinet including replacement of kitchen sink, faucet & other accessories

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

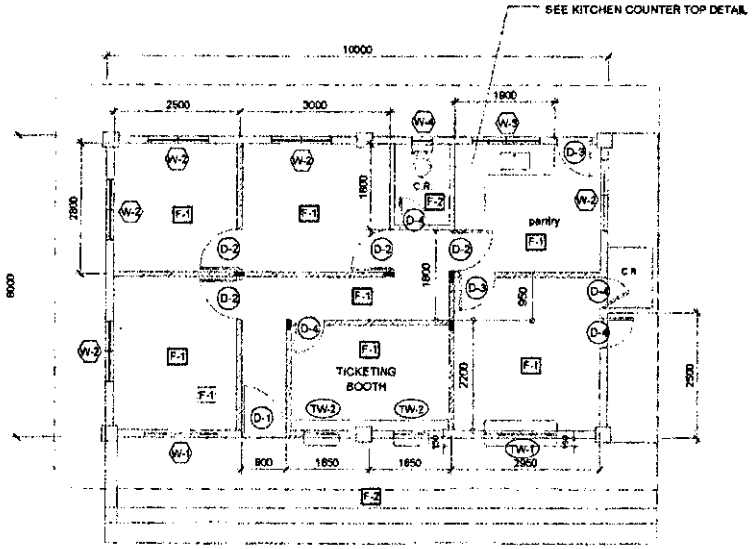
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Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: TEMPORARY PORT OPERATIONAL BUILDING

SCALE: AS SHOWN

SHEET NO. 1 of 4

DATE : 25 NOV 2024

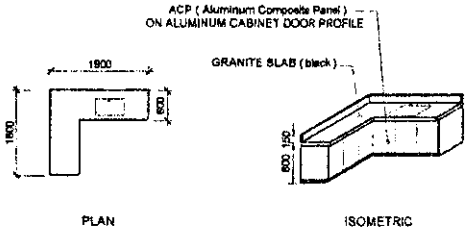


PLAN

SCALE 1:100 M.

F-1 600mm x 600mm GLAZED PORCELAIN FLOOR TILES

F-2 600mm x 600mm NON SKID FLOOR TILES

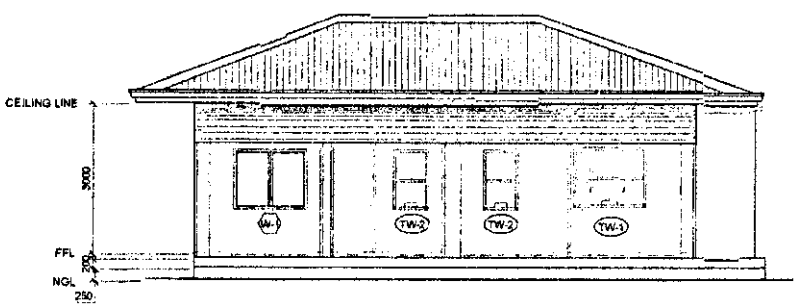


DETAIL OF KITCHEN COUNTER TOP

NOTE/S:

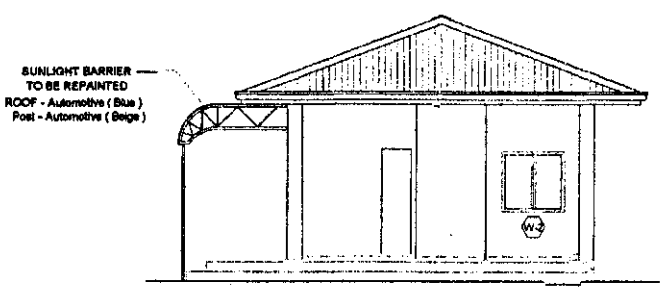
FOR REPAINTING WORKS

WALLS - ELASTOMERIC PAINT (Beige)
COLUMN - ELASTOMERIC PAINT (Grey)
ROOF - AUTOMOTIVE PAINT (Blue)



FRONT ELEVATION

SCALE 1:100 M



R-SIDE ELEVATION

SCALE 1:100 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

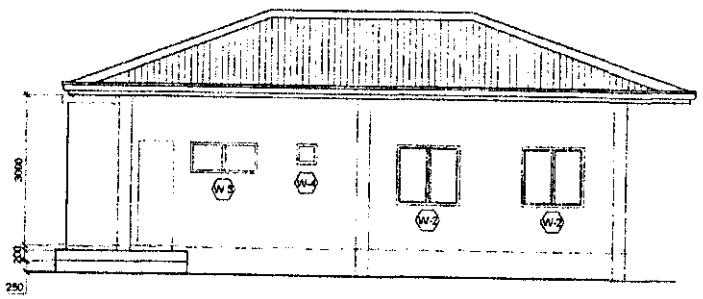
SHEET CONTENTS: TEMPORARY PORT OPERATIONAL BUILDING

SCALE: AS SHOWN

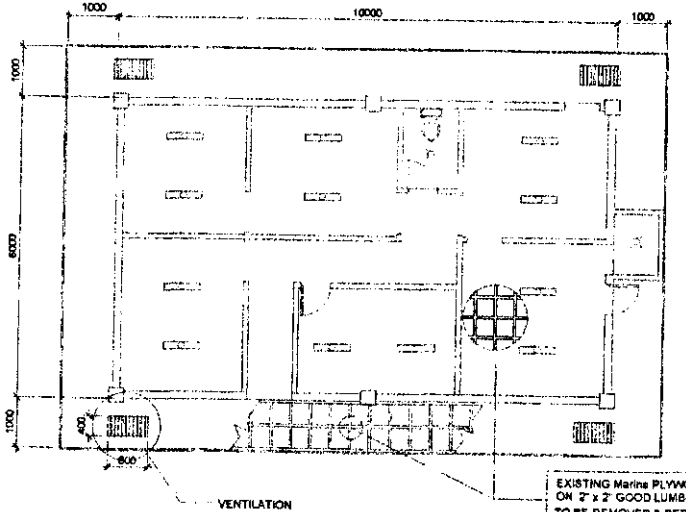
SHEET NO. 2 of 4

DATE : 25 NOV 2024

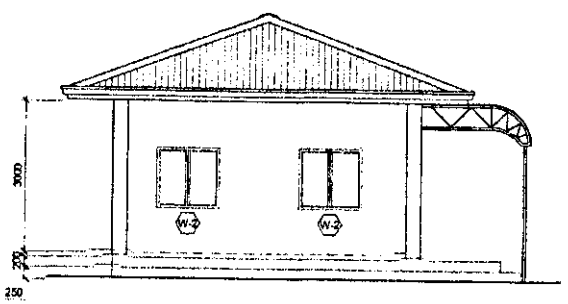
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
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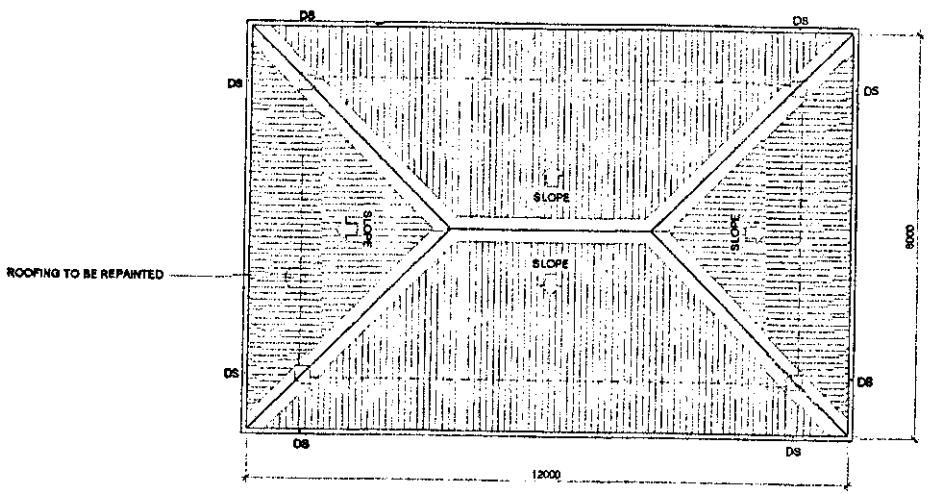
REAR ELEVATION
SCALE 1:100 M.



REFLECTED CEILINGP LAN
SCALE 1:100 M



L-SIDE ELEVATION
SCALE 1:100 M.



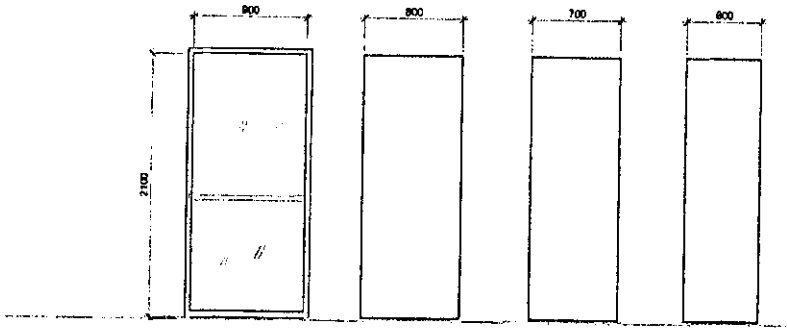
ROOF PLAN
SCALE 1:100 M.

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

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Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE: AS SHOWN
TEMPORARY PORT OPERATIONAL BUILDING	SHEET NO. 3 of 4
	DATE : 25 NOV 2024



D-1
1-SET
SWING TYPE GLASS DOOR
POWDER COATED FRAME (brown)

D-2
4-SETS
WOODEN FLUSH DOOR

D-3
2-SETS
WOODEN FLUSH DOOR

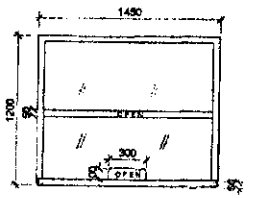
D-4
4-SETS
PVC FLUSH DOOR

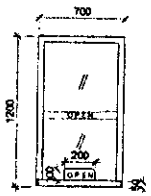
SCHEDULE OF DOOR

SCALE 1:25 M







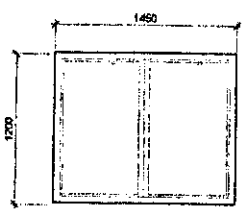


TW-1
1-SET
TELLER WINDOW
ALUMINUM FRAME W/ 3/8" thk. CLEAR GLASS

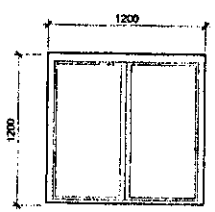
TW-2
2-SETS
TELLER WINDOW
ALUMINUM FRAME W/ 3/8" thk. CLEAR GLASS

SCHEDULE OF TELLER WINDOW

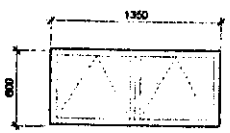
SCALE 1:25 M



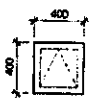
W-1
1-SET
SLIDING GLASS WINDOW
POWDER COATED FRAME (brown)



W-2
5-SETS
SLIDING GLASS WINDOW
POWDER COATED FRAME (brown)



W-3
1-SET
AWNING WINDOW
POWDER COATED FRAME (brown)



W-4
1-SET
AWNING WINDOW
POWDER COATED FRAME (brown)

SCHEDULE OF WINDOW

SCALE 1:25 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

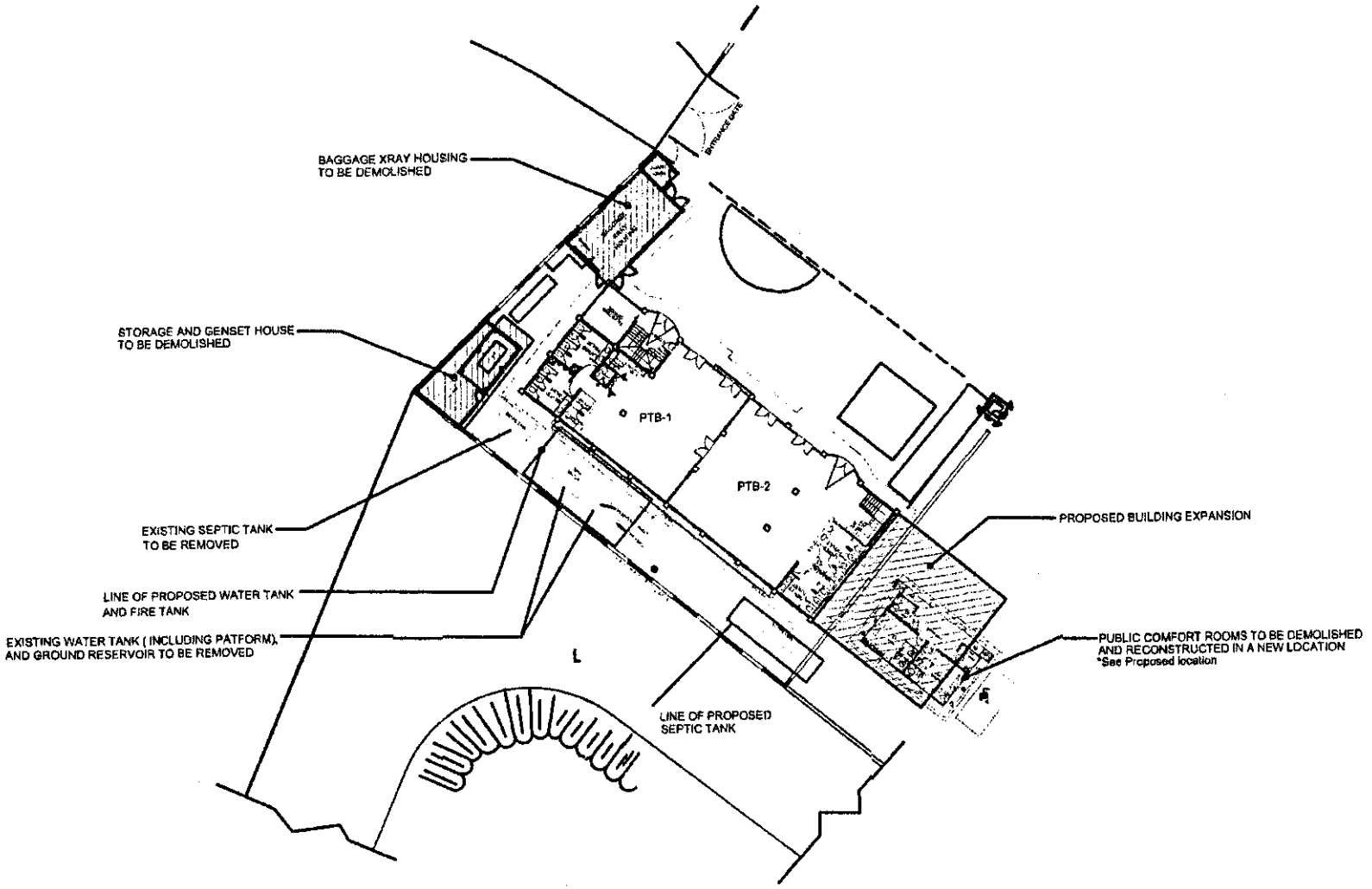
PREPARED BY:	CHECKED / REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
RONALD O. MATIBAG	MARGARITO P. DIMAILIG	JONGABRIELL M. MANANSALA	REYNANDO C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: TEMPORARY PORT OPERATIONAL BUILDING

SCALE: AS SHOWN

SHEET NO. 4 of 4

DATE : 25 NOV 2024



SITE DEVELOPMENT PLAN FOR PLUMBING STRUCTURES

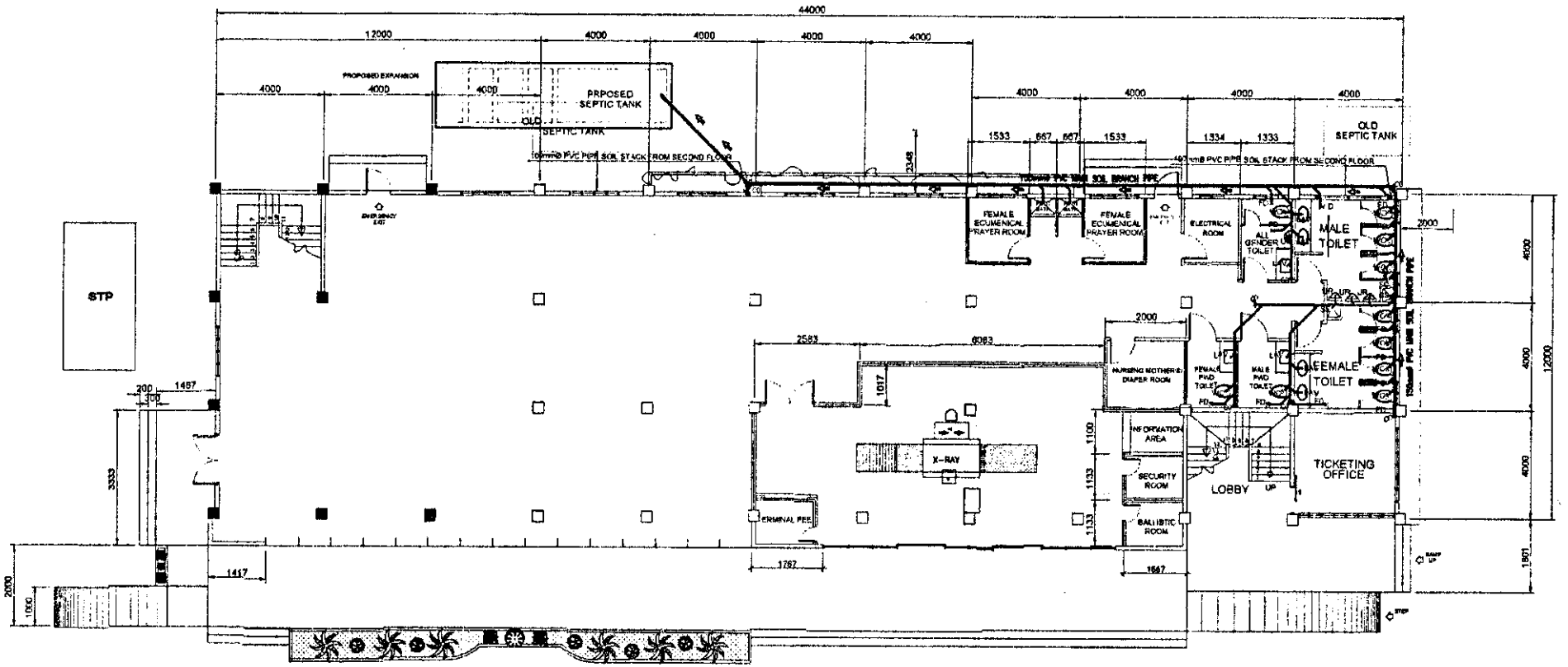
P-1 SCALE NTS

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

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Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. P-1 of 11
	DATE : 25 NOV 2024



LEGEND:

- CONC. WALLS TO BE RETAINED
- 150 MMØ PVC PIPE
- 100 MMØ PVC PIPE
- 50 MMØ PVC PIPE

GROUND FLOOR SEWER LINE LAY-OUT PLAN

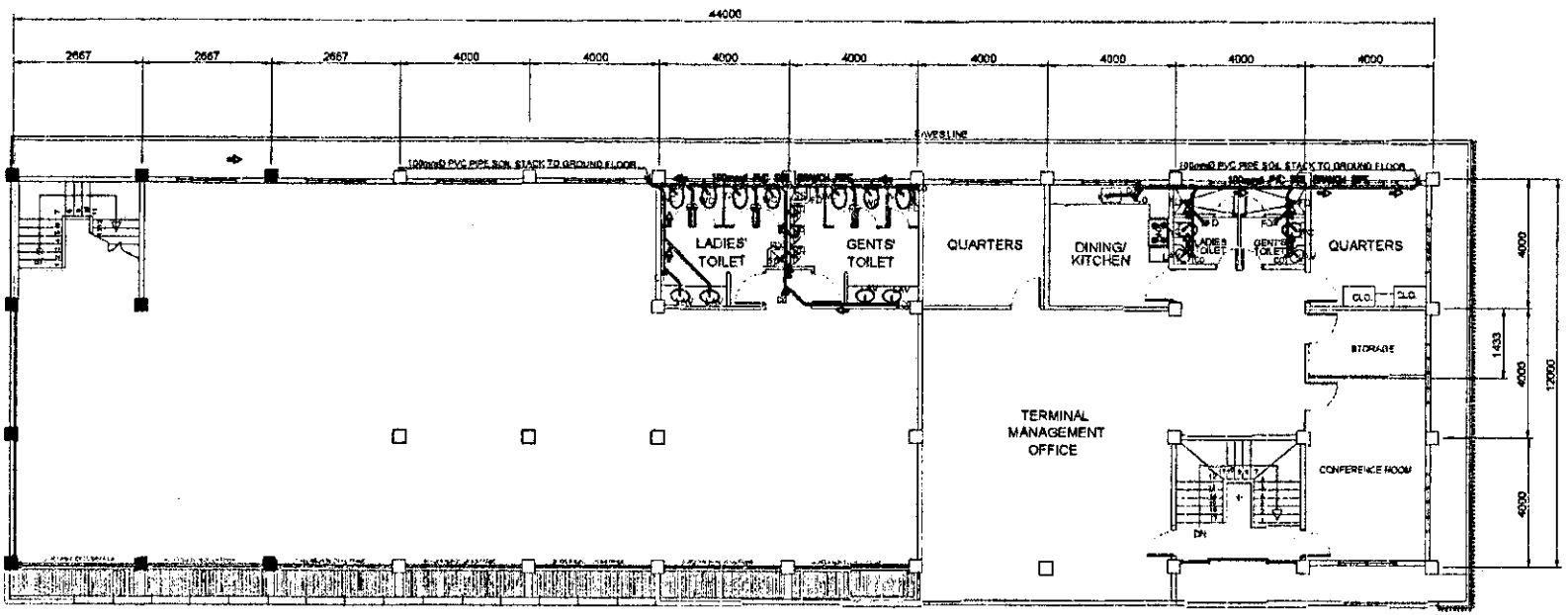
P-2 SCALE 1:150

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
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SHEET CONTENTS.	SCALE:
AS SHOWN	AS SHOWN
	SHEET NO. P-2 of 11
	DATE - 25 NOV 2024



LEGEND:

- CONC. WALLS TO BE RETAINED
- 150 MMØ PVC PIPE
- 100 MMØ PVC PIPE
- 50 MMØ PVC PIPE

P-3 SECOND FLOOR SEWER LINE LAY-OUT PLAN

SCALE 1:150

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

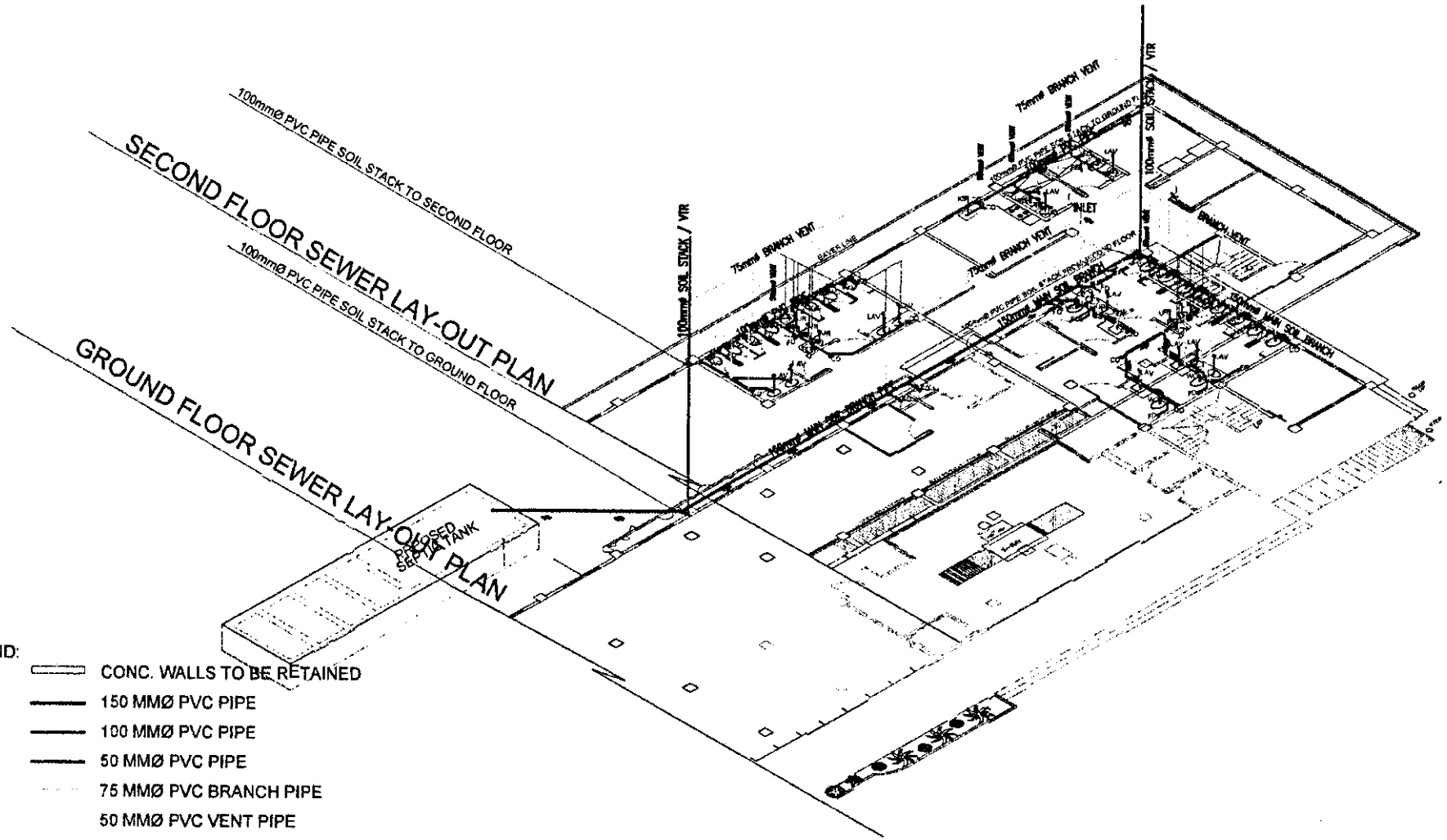
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Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

SHEET CONTENTS: AS SHOWN

SCALE: AS SHOWN

SHEET NO. P-3 of 11

DATE : 25 NOV 2024



LEGEND:

- CONC. WALLS TO BE RETAINED
- 150 MMØ PVC PIPE
- 100 MMØ PVC PIPE
- 50 MMØ PVC PIPE
- 75 MMØ PVC BRANCH PIPE
- 50 MMØ VENT PIPE

P-4 SEWER LINE ISOMETRIC VIEW

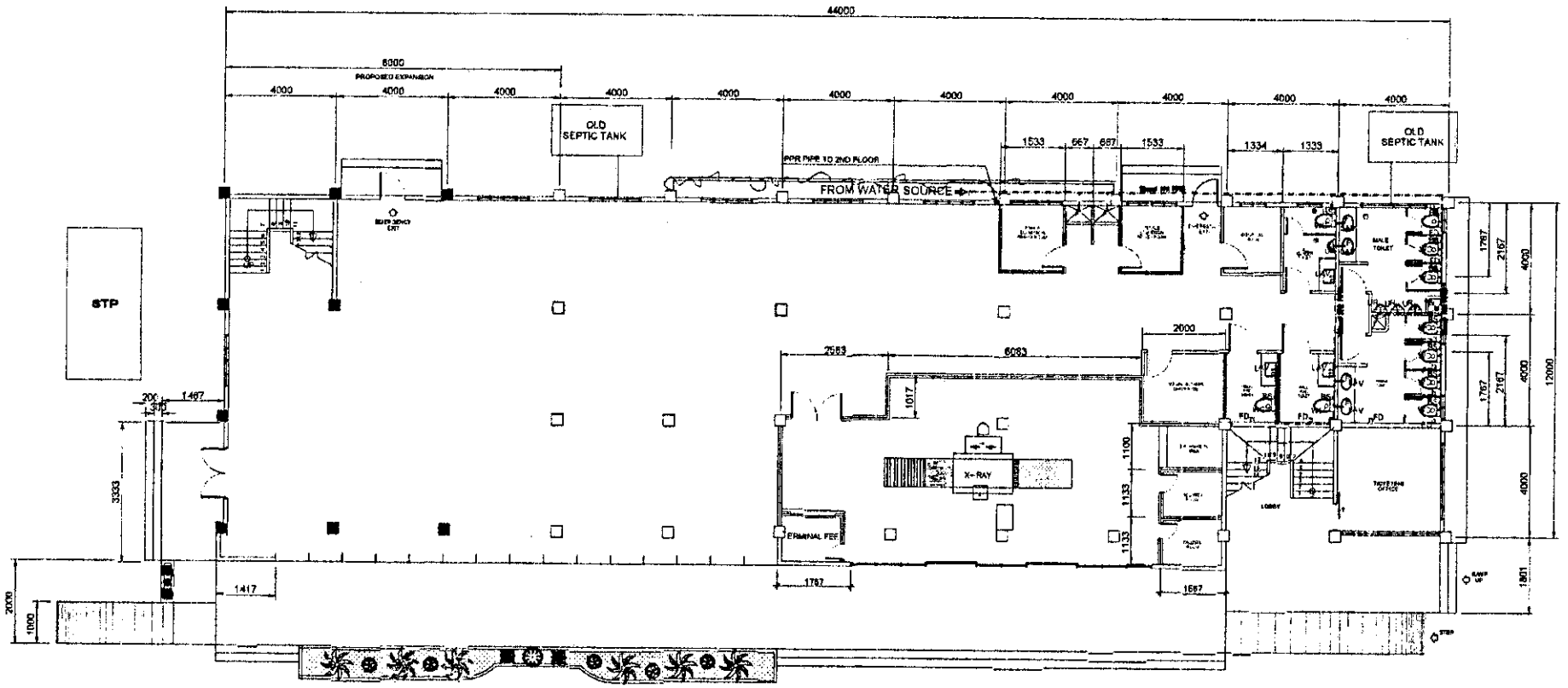
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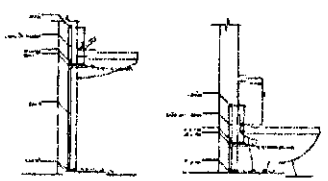
PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
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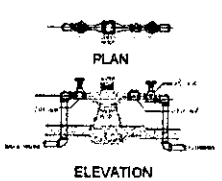
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SHEET CONTENTS:	SCALE:
AS SHOWN	AS SHOWN
	SHEET NO. P-4 of 11
	DATE : 25 NOV 2024





DETAIL OF AIR CHAMBER



DETAIL OF WATER METER

P-5 SECOND FLOOR WATER LINE LAY-OUT PLAN

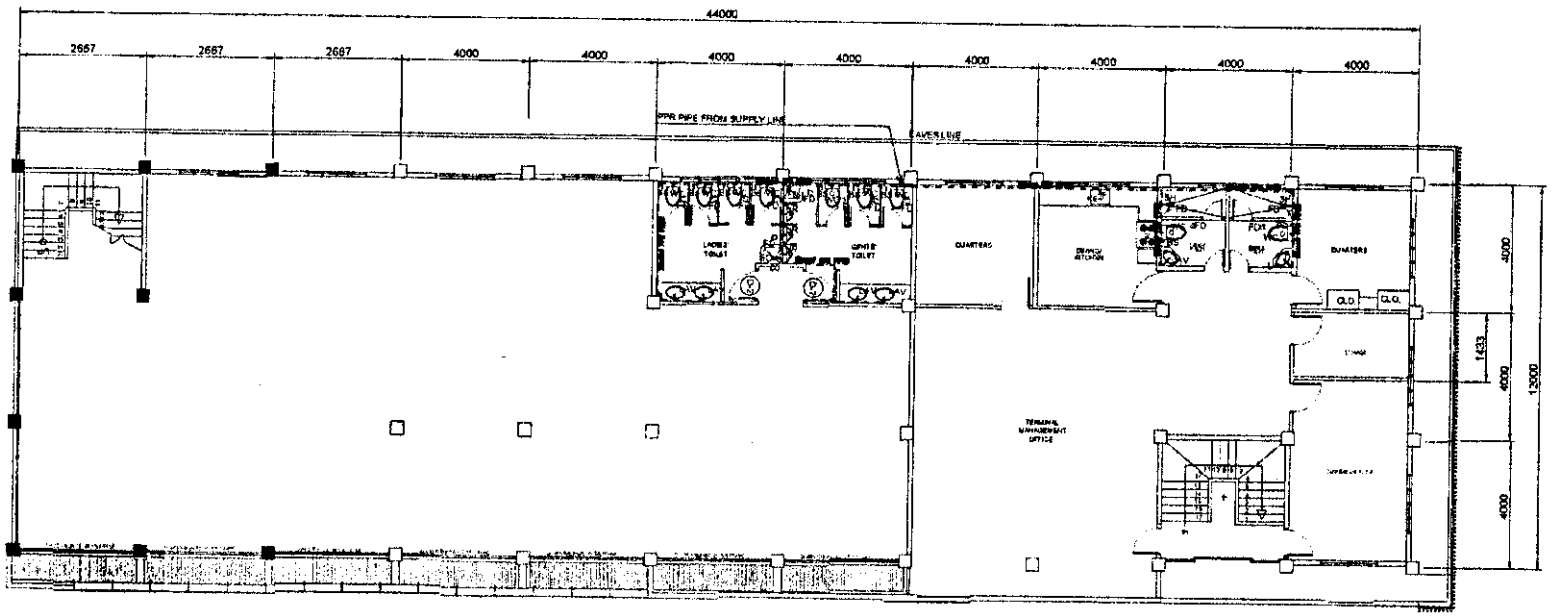
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PHILIPPINE PORTS AUTHORITY
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SHEET CONTENTS:	SCALE:
AS SHOWN	AS SHOWN
	SHEET NO. P-5 of 11
	DATE: 25 NOV 2024



LEGEND:

CONC. WALLS TO BE RETAINED

PPR PIPE (COLD WATER LINE)

P-6 SECOND FLOORWATER LINE LAY-OUT PLAN

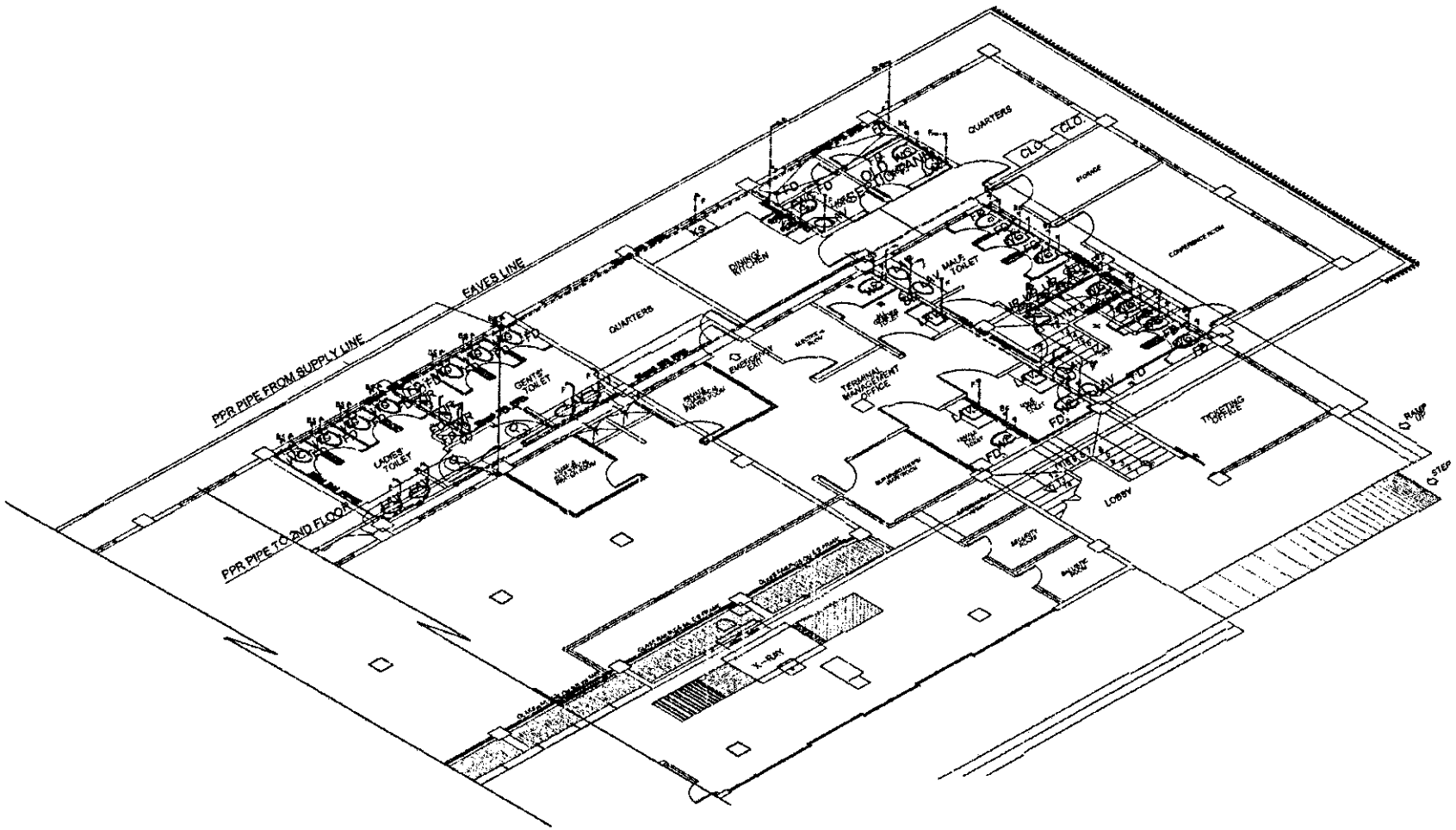
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PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

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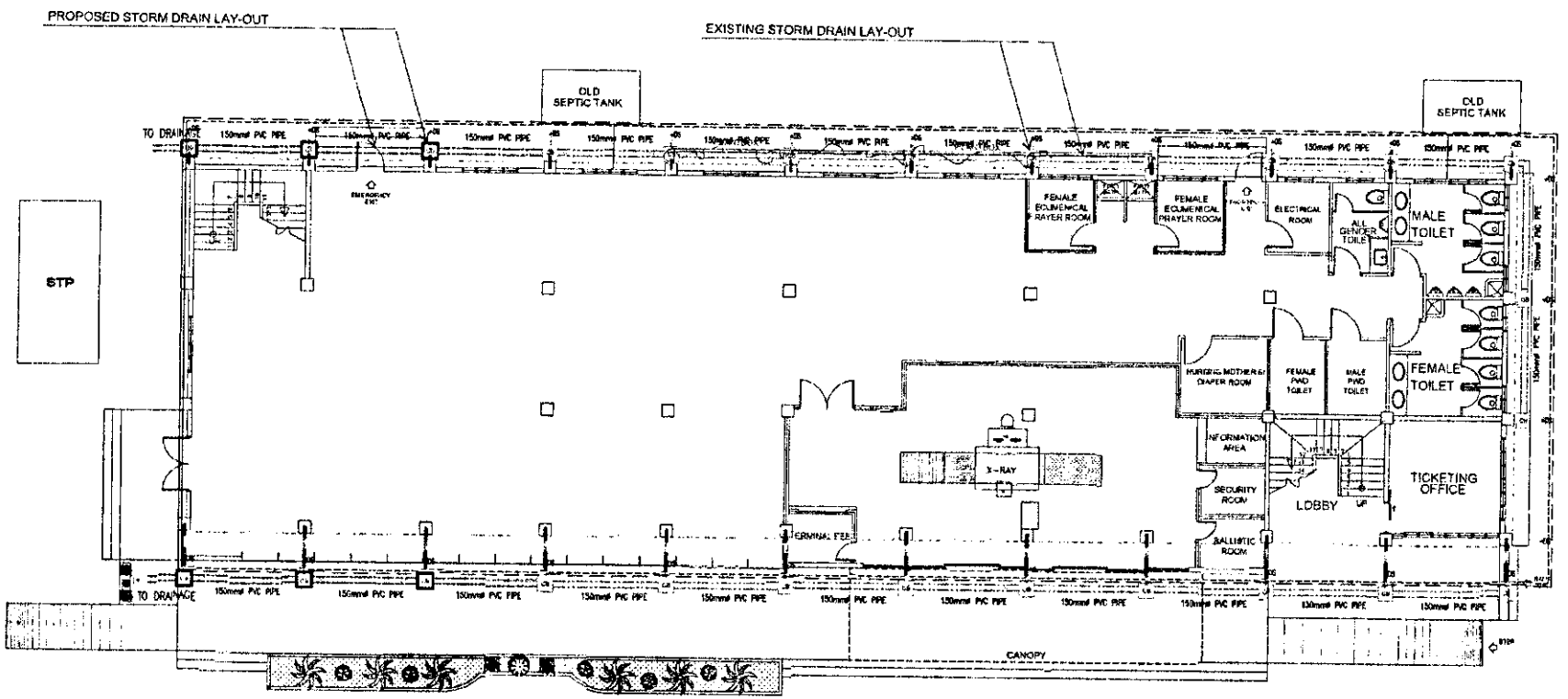
SHEET CONTENTS:	SCALE:
AS SHOWN	AS SHOWN
	SHEET NO. P-6 of 11
	DATE : 25 NOV 2024



P-7 WATER LINE ISOMETRIC VIEW

SCALE 1:100

PHILIPPINE PORTS AUTHORITY PMO- MINDORO	PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS PORT OF ROXAS, ORIENTAL MINDORO				SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY: RONALD O. MATIBAG, Acting Principal Engineer A	CHECKED / REVIEWED BY: MARGARITO R. DIMALIG, Division Manager A, ESD	SUBMITTED BY: JON GABRIELL M. MANANSALA, Port Manager A	RECOMMENDING APPROVAL: REYNARD C. CARREÑA, Manager, Port Planning and Design Department	APPROVED BY: JAMES J. GATTALAO, Assistant General Manager for Engineering	AS SHOWN	SHEET NO. P-7 of 11
						DATE : 25 NOV 2024



LEGEND:

- CONC. WALLS TO BE RETAINED
- ROOF AND PARAPET WALL LINE
- EXISTING STORM DRAIN LAY-OUT
- PROPOSED STORM DRAIN LAY-OUT
- EXISTING CATCH BASIN LAY-OUT
- PROPOSED CATCH BASIN LAY-OUT

P-8 STORM DRAIN LAY-OUT PLAN

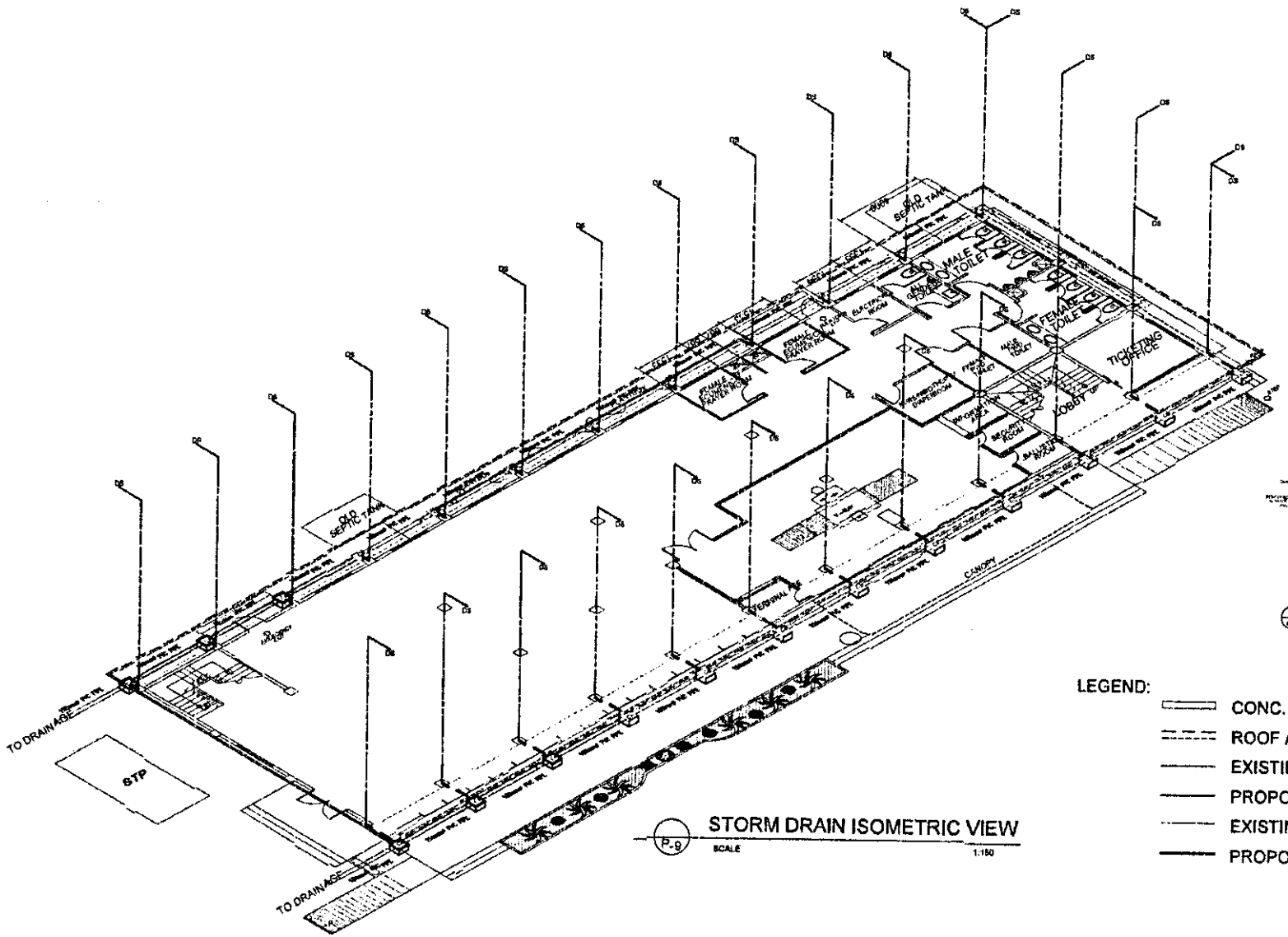
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PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: REHABILITATION AND EXPANSION OF PTB ROXAS
PORT OF ROXAS, ORIENTAL MINDORO

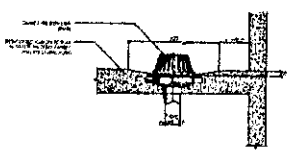
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RONALD O. ATIBAG	MARGARITO P. DIVALIG	JON GABRIELL M. MANANSALA	REYNANDO C. PARAFINA	JAMES J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

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P-9 STORM DRAIN ISOMETRIC VIEW

SCALE 1:150



TYPICAL DETAIL OF ROOF DRAIN

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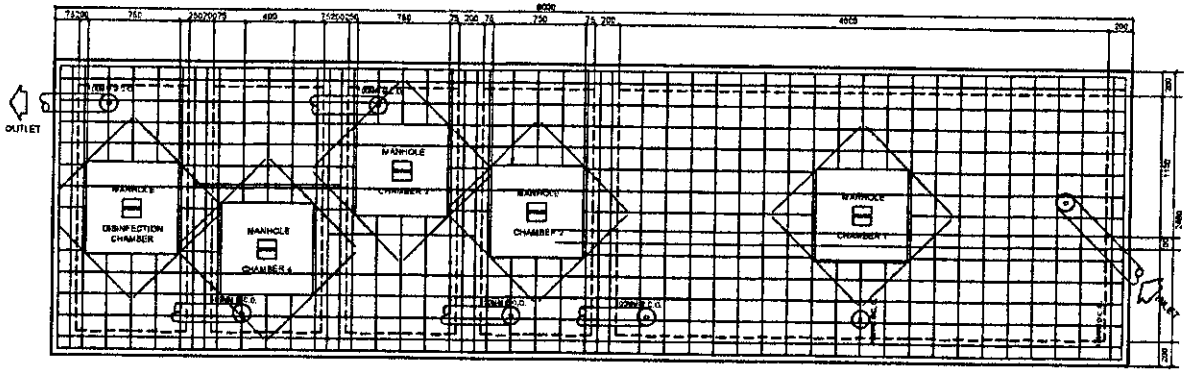
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- EXISTING STORM DRAIN LAY-OUT
- PROPOSED STORM DRAIN LAY-OUT
- EXISTING CATCH BASIN LAY-OUT
- PROPOSED CATCH BASIN LAY-OUT

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

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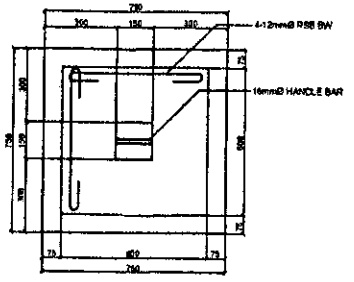
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RONALD O. MATIBAG Acting Principal Engineer A	MARGARITO P. TIMALIG Division Manager A, ESD	JON GABRIELL M. MANANSALA Port Manager A	REYNANO C. PARAFINA Manager, Port Planning and Design Department	JAMES J. GANTALAO Assistant General Manager for Engineering

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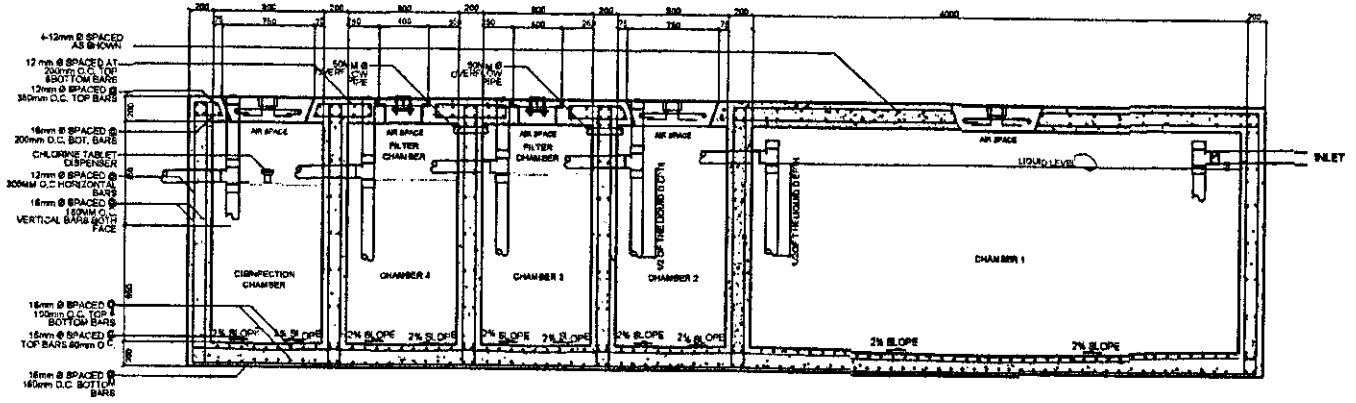


1 P-10 **PLAN OF SEPTIC TANK**

SCALE 1:40

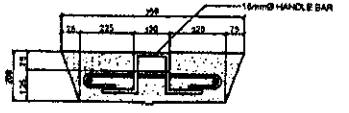


PLAN



2 P-8 **LONGITUDINAL SECTION**

SCALE 1:40

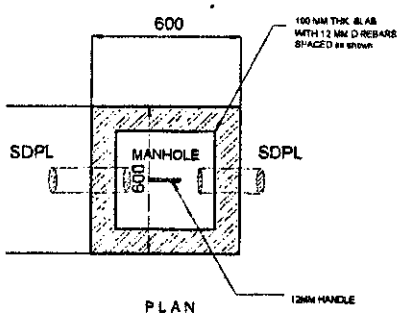


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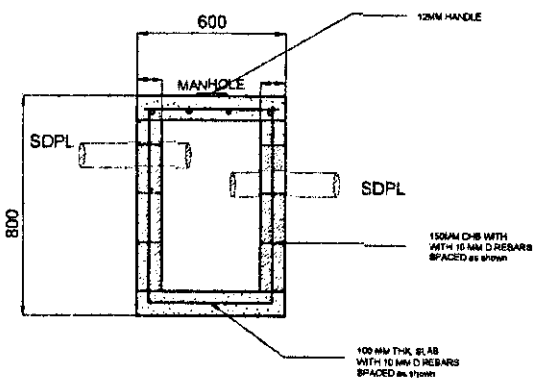
3 P-10 **SEPTIC TANK MANHOLE COVER DETAILS**

SCALE 1:20

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	PREPARED BY: RONALD O. MANTIBAG, Acting Principal Engineer A	CHECKED / REVIEWED BY: MARGARITO P. DIMAILIG, Division Manager A, ESD	SUBMITTED BY: JON GABRIELL M. MANANSALA, Port Manager A	RECOMMENDING APPROVAL: REYNAND C. PARAFINA, Manager, Port Planning and Design Department	APPROVED BY: JAMES J. GANTALAO, Assistant General Manager for Engineering	SHEET NO. P-10 of 11
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PLAN



SECTION

P-11 CATCH BASIN DETAILS (CB)

SCALE 1:20

SYMBOLS AND ABBREVIATIONS

WC	WATER CLOSET	
UR	URINAL	
LAV	LAVATORY	
KS	KITCHEN SINK	
SHO	SHOWER	SHO
FD	FLOOR DRAIN	FD
SDPL	STORM DRAIN PIPE LINE	SDPL
SPL	SOIL PIPE LINE	SPL
WPL	WASTE PIPE LINE	WPL
VPL	VENT PIPE LINE	VPL
VTR	VENT THRU ROOF	VTR
DS	DOWN SPOUT	DS
CO	CLEAN OUT	CO
GV	GATE VALVE	GV
CV	CHECK VALVE	CV
WM	WATER METER	WM
CWL	COLD WATERLINE	CWL
F	FAUCET	
BS	BIDET-SPRAY	
GI	GALVANIZED IRON	
D	DIAMETER	
CB	CATCH BASIN	CB
SV	SEPTIC VAULT	
PVC	POLYVINYL CHLORIDE	

SCHEDULE OF PIPE (SEWER LINE)

	ABV.	SIZE OF PIPE (mm)	TYPE OF PIPE
WATER CLOSET	WC	100	PVC (SERIES 1000)
LAVATORY	LAV	50	PVC (SERIES 1000)
URINAL	UR	50	PVC (SERIES 1000)
KITCHEN SINK	KS	50	PVC (SERIES 1000)
SLOP SINK	SS	50	PVC (SERIES 1000)
FLOOR DRAIN	FD	50	PVC (SERIES 1000)
FLOOR CLEAN-OUT	FCO	SEE PLAN	PVC (SERIES 1000)
FOOT BATH	FB	50	PVC (SERIES 1000)
DOWN SPOUT	DS	SEE PLAN	PVC (SERIES 1000)
CLEAN-OUT	CO	SEE PLAN	PVC (SERIES 1000)
VENT STACK THRU ROOF	VSTR	100	PVC (SERIES 1000)
SEWER LINE (SOIL PIPE)	SP	SEE PLAN	PVC (SERIES 1000)
BRANCH VENT	LV	75	PVC (SERIES 1000)

SCHEDULE OF PIPE (WATER LINE)

	ABV.	SIZE OF PIPE (mm)	TYPE OF PIPE
WATER CLOSET	WC	20	PPR
LAVATORY	LAV	20	PPR
URINAL	UR	20	PPR
SLOP SINK	SS	20	PPR
KITCHEN SINK	KS	20	PPR
FOOT BATH	FB	20	PPR

SCHEDULE OF PIPE (WATER LINE)

	SIZE OF PIPE (mm)	TYPE OF PIPE
FOR MAIN SUPPLY LINE	SEE PLAN	GI
FOR DISTRIBUTION LINE	SEE PLAN	PPR
FOR SUPPLY TO FIXTURES	SEE PLAN	PPR

GENERAL NOTES AND SPECIFICATIONS:

1. IT IS NOT INTENDED THAT THE DRAWINGS SHALL SHOW EVERY PIPE FITTING, VALVE AND APPURTENANCE. ALL SUCH ITEMS WHETHER SPECIFICALLY MENTIONED OR NOT, OR INDICATED ON THE DRAWINGS SHALL BE FURNISHED AND INSTALLED IF NECESSARY TO COMPLETE THE SYSTEM TO THE SATISFACTION OF THE OWNER.

2. ALL PLUMBING WORKS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISION OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES, THE REQUIREMENTS OF THE LOCAL PLUMBING INSPECTION OFFICE, PERTINENT PROVISIONS OF THE UNIFORM BUILDING CODE AND THE NATIONAL BUILDING CODE OF THE PHILIPPINES.

3. COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATION. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DESCREPANCY FOUND THEREIN.

4. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS, ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADE SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT OR ENGINEER.

5. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.

6. ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 1% UNLESS OTHERWISE SPECIFIED.

7. SIZE OF WATER SUPPLY PIPES TO FIXTURES SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

8. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT THE SITE. COORDINATE THE WORKS WITH THE SEWER LINE EFFLUENT DISPOSAL POINT AND WATER LINE SERVICE CONNECTING POINT, UNLESS OTHERWISE POINT AND WATER LINE SERVICE CONNECTING POINT, UNLESS OTHERWISE SPECIFIED.

9. ALL FIXTURES SHALL BE INDIVIDUALLY VENTED.

10. THE INVERT OF THE INLET PIPE OF A SEPTIC TANK SHALL BE AT A LEVEL NOT LESS THAN 50.6mm (2") ABOVE THE INVERT OF THE OUTLET PIPE.

11. TO PREVENT CONTAMINATION OF UNDERGROUND WATER SOURCE NO SEPTIC TANK SHALL BE CONSTRUCTED LESS THAN 1.20m ABOVE THE WATER TABLE LEVEL.

12. ALL PIPE SIZE ARE IN MILLIMETERS AND ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.

13. ALL PLUMBING INSTALLATION INCLUDED HEREIN SHALL BE UNDER THE DIRECT SUPERVISION OF A DULY REGISTERED AND LICENSED MASTER PLUMBER.

14. ALL PIPE SIZES AND OTHER DIMENSIONS ARE IN MILLIMETER (MM) UNLESS

15. ALL PIPE SIZES INDICATED ARE NOMINAL SIZES.

MATERIAL SPECIFICATIONS:

COLD WATER LINE	SHALL BE POLYPROPYLENE RANDOM (PPR) TYPE 3 PIPE, "WAVIN EKOPLLASTIK" BRAND OR APPROVED EQUAL.
VENT PIPES	SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 1000, "NELTEX", "ATLANTA" BRAND OR APPROVED EQUAL.
FITTING	SHALL BE SOLVENT CEMENT JOINT TO ASTM D2564.
SEWER LINES	SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 1000, "NELTEX", "ATLANTA" BRAND OR APPROVED EQUAL D2564.
STORM DRAINAGE LINES/ DOWNSPOUT	SHALL BE POLYVINYL CHLORIDE (PVC) SERIES 1000, "ATLANTA" BRAND OR APPROVED EQUAL. FITTING SHALL BE SOLVENT CEMENT JOINT TO ASTM D 2564. 250MMØ & ABOVE MATERIAL SHALL BE CONCRETE DRAIN PIPE (CDP) TONGUE FOR 300MMØ & LARGER.
AHU/FCU LINES	SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 600 ll, "NELTEX", "ATLANTA" BRAND OR APPROVED EQUAL.
CHECK VALVES	"GREAT VOLUME"," CRANE", "KITS", OR APPROVED EQUAL.
GATE VALVES	"GREAT VOLUME"," CRANE", "KITS", OR APPROVED EQUAL.
WATER METER	"ARAD", "ASAHI" BRAND OR APPROVED EQUAL.

PHILIPPINE PORTS AUTHORITY
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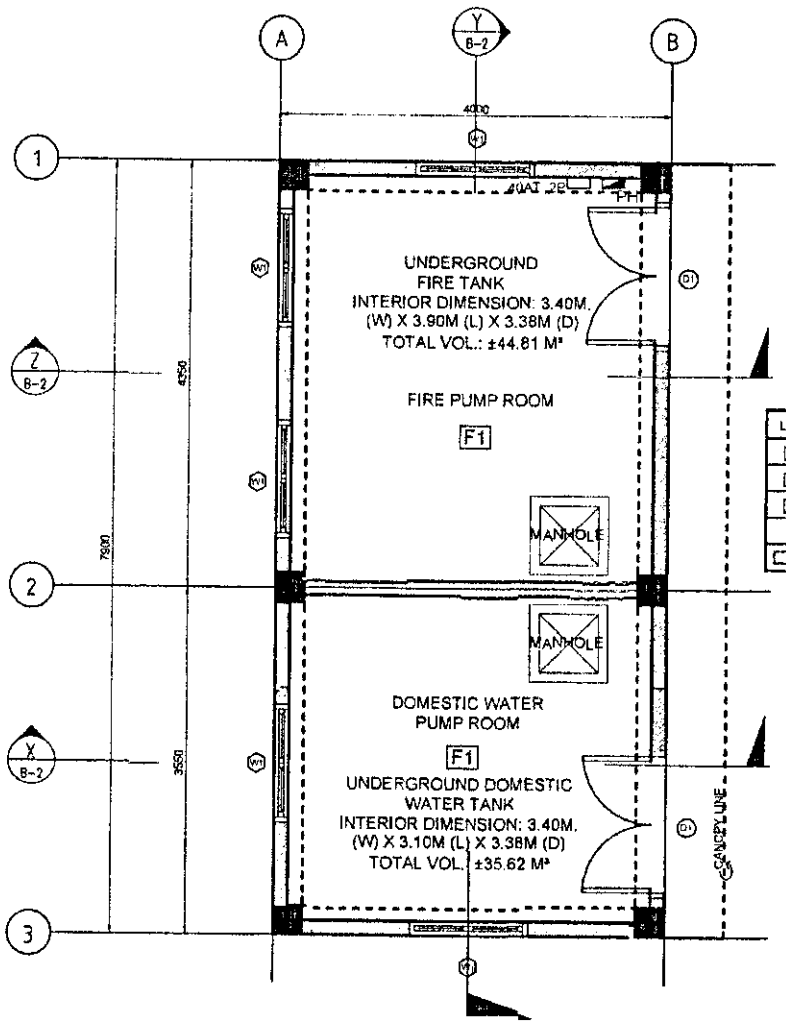
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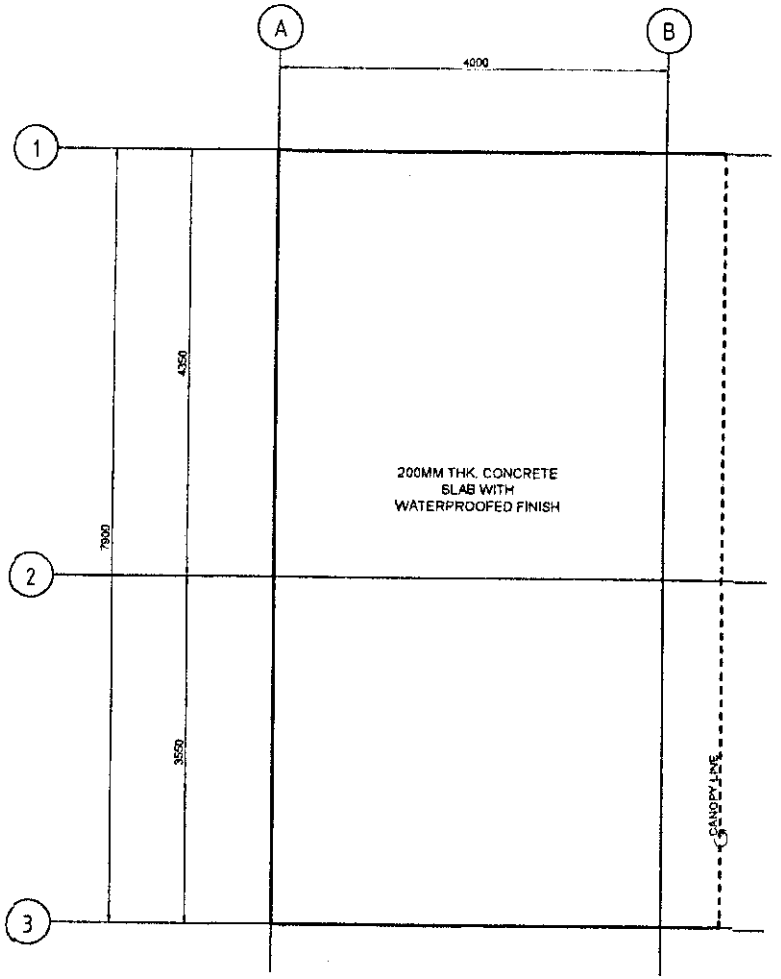
SHEET NO. P-11 of 11

DATE : 25 NOV 2024

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Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering



1 PH-1 FLOOR PLAN
SCALE 1:50



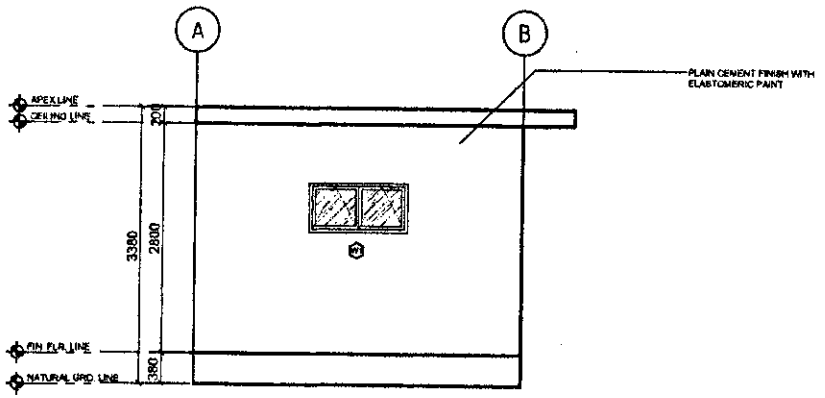
2 PH-1 ROOF PLAN
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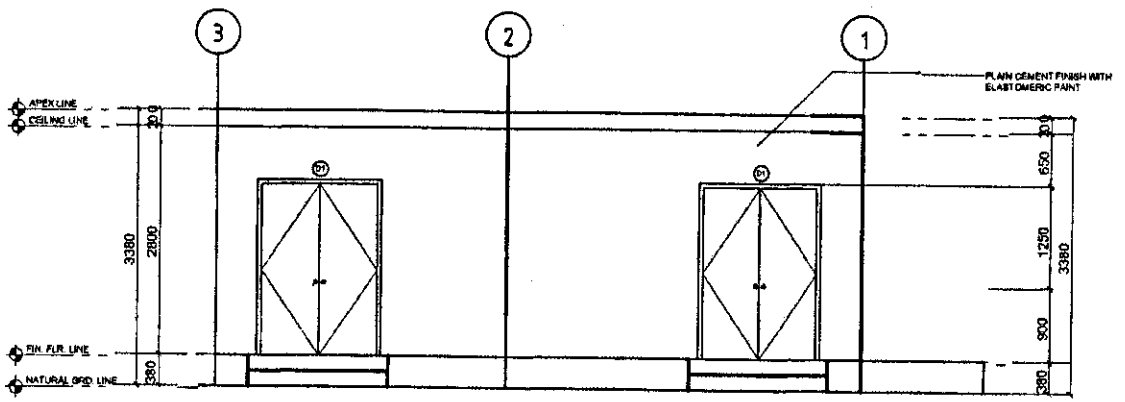
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RONALD O. MATIBAG	MARGARITO P. DIMALIG	JON GABRIELL M. MANANSALA	REYNALD S. PARAFINA	ANGELO J. GANTALAO
Acting Principal Engineer A	Division Manager A, ESD	Port Manager A	Manager, Port Planning and Design Department	Assistant General Manager for Engineering

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1 PH-2 **FRONT ELEVATION**

SCALE 1:50



2 PH-2 **RIGHT SIDE ELEVATION**

SCALE 1:50

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