PHILIPPINE PORTS AUTHORITY

PMO- MINDORO

SUPPLY AND INSTALLATION OF 7 UNITS PARKING SHED AT PORT OF CALAPAN

PORT OF CALAPAN, ORIENTAL MINDORO

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----------
     b.) UNDERSIDE OF SLABS UNDERSIDE OF BEAMS AND ARCHES UP TO 6m SPAN---------- 48 HOURS
     c.) UNDERSIDE OF BEAMS AND ARCHES OVER 6m SPAN and UP TO 9m 14 DAYS
     d.) UNDERSIDE OF BEAMS AND ARCHES OVER 9m SPAN--------21 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)

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
- 18mmø BARS & SMALLER	15 mm

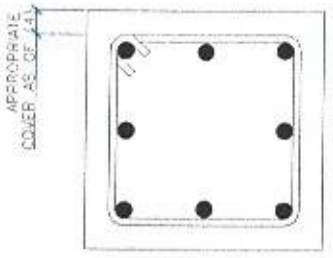
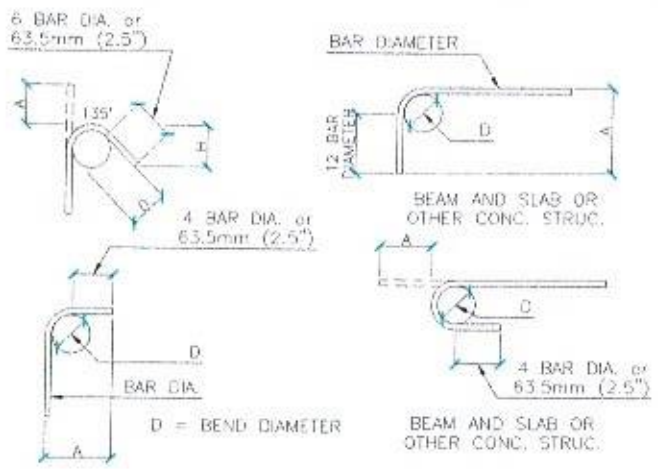


ILLUSTRATION OF MINIMUM COVER, CLEAR DISTANCES BETWEEN BARS AND BUNDLES IN BEAMS AND COLUMNS

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



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

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=8d 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.

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 PERCENT WILL 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 1,500 CUBIC METER OR FRACTION THEREOF.
  B.) LABORATORY CALIFORNIA BEARING RATIO (CBR) FOR EVERY 2,500 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.

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 ENGINEER'S APPROVAL.

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: SUPPLY AND INSTALLATION OF 7 UNITS PARKING SHED AT PORT OF CALAPAN
PORT OF CALAPAN, ORIENTAL MINDORO

SHEET CONTENTS: AS SHOWN

SCALE: AS SHOWN

SHEET NO. 1 of 9

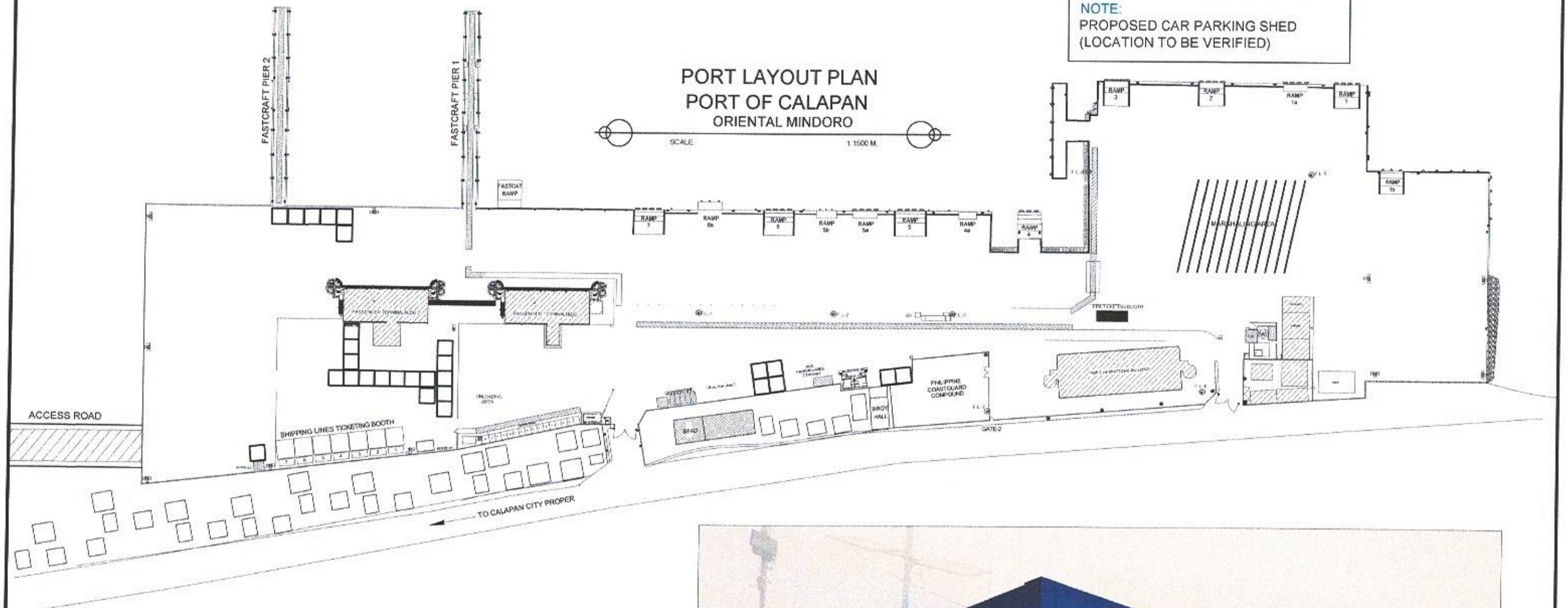
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PREPARED BY:	SUBMITTED BY:	CHECKED / REVIEWED BY:	RECOMMENDING APPROVAL BY:	APPROVED BY:
ROMELL C. MALUBAY	EMERSON D. QUIAMBAO	RONALD O. MATIBAG	MARGARITO P. DIMAILIG	LEO A. ROMERO
Draftsman II	Assistant Port Engineer	Acting Principal Engineer A	Acting Division Manager A, ESD	Acting Port Manager A

NOTE:
PROPOSED CAR PARKING SHED
(LOCATION TO BE VERIFIED)

PORT LAYOUT PLAN
PORT OF CALAPAN
ORIENTAL MINDORO

SCALE: 1:1500 M.



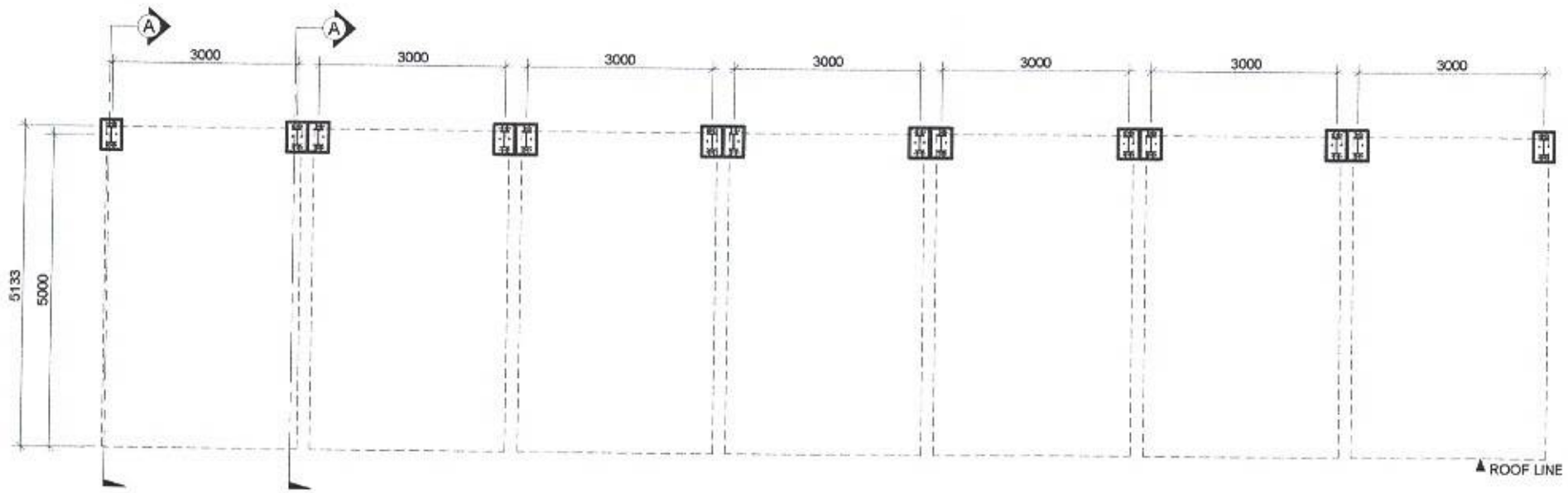
CAR PARKING SHED

PERSPECTIVE VIEW

SCALE NTS.

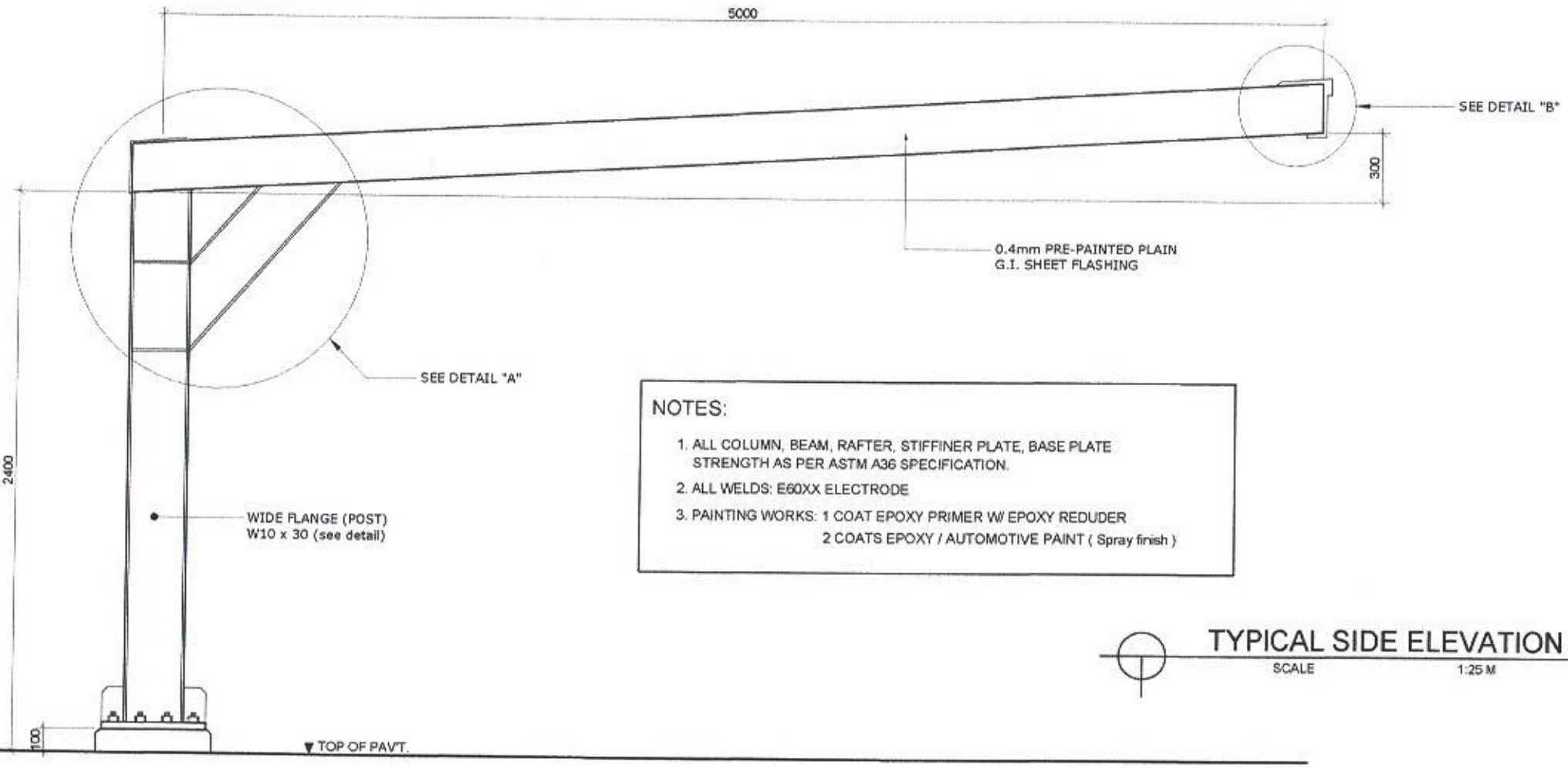


PHILIPPINE PORTS AUTHORITY PMO- MINDORO	PROJECT TITLE: SUPPLY AND INSTALLATION OF 7 UNITS PARKING SHED AT PORT OF CALAPAN PORT OF CALAPAN, ORIENTAL MINDORO					SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED BY: ROMELL C. MALUBAY Draftsman II	SUBMITTED BY: EMERSON D. QUIAMBAO Assistant Port Engineer	CHECKED / REVIEWED BY: RONALD O. MATIBAG Acting Principal Engineer A	RECOMMENDING APPROVAL BY: MARGARITO P. DIMAILIG Acting Division Manager A, ESD	APPROVED BY: LEO A. ROMERO Acting Port Manager A	AS SHOWN	SHEET NO. 2 of 9 DATE : 01 DECEMBER, 2021



CAR PARKING SHED PLAN

SCALE 1:100 M



NOTES:

1. ALL COLUMN, BEAM, RAFTER, STIFFINER PLATE, BASE PLATE STRENGTH AS PER ASTM A36 SPECIFICATION.
2. ALL WELDS: E60XX ELECTRODE
3. PAINTING WORKS: 1 COAT EPOXY PRIMER W/ EPOXY REDUDER
   2 COATS EPOXY / AUTOMOTIVE PAINT (Spray finish)

TYPICAL SIDE ELEVATION

SCALE 1:25 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

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PORT OF CALAPAN, ORIENTAL MINDORO

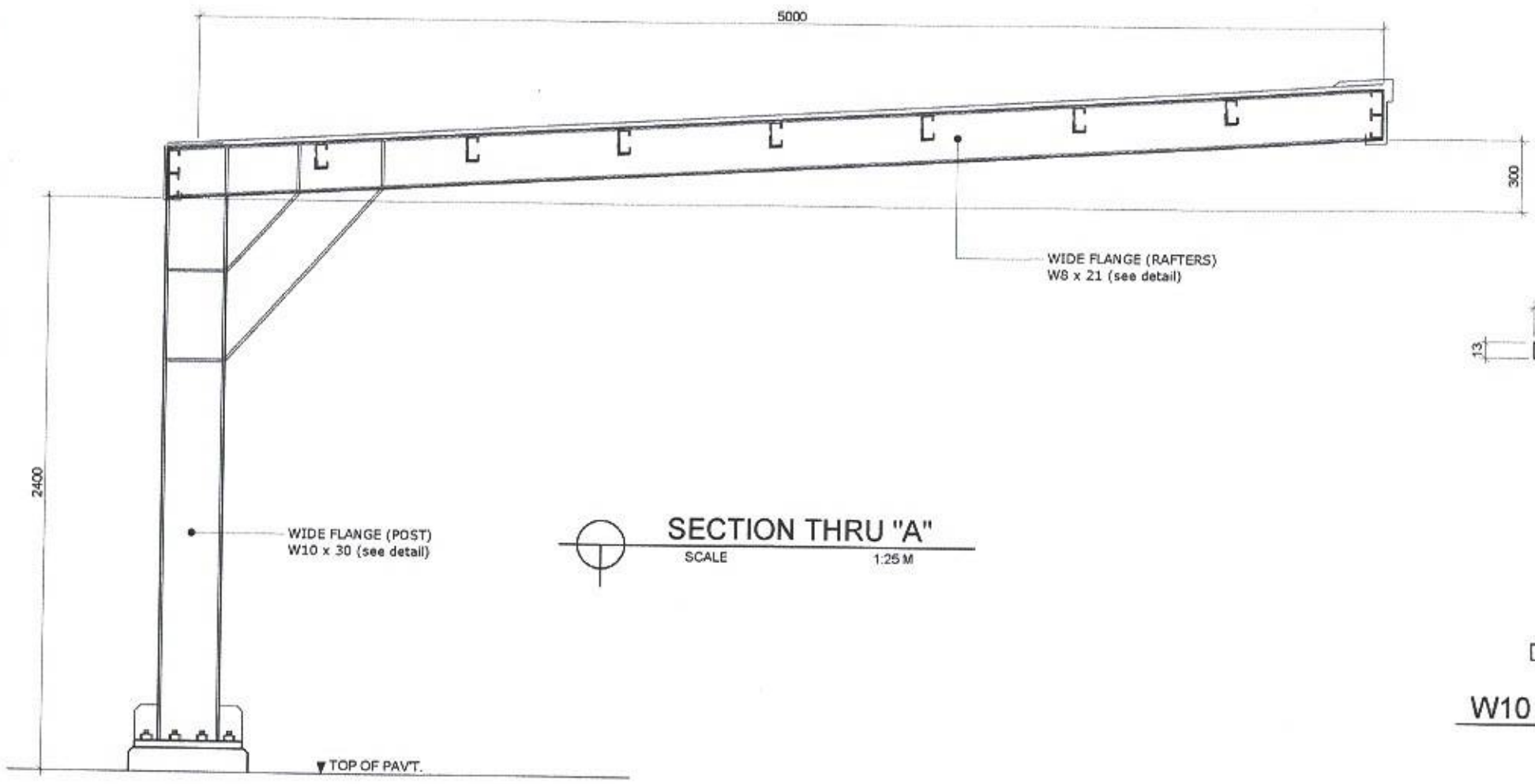
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ROMELL C. MALUBAY	EMERSON D. QUIAMBAO	RONALD O. MATIBAG	MARGARITO P. DIMALIG	LEO A. ROMERO
Draftsman II	Assistant Port Engineer	Acting Principal Engineer A	Acting Division Manager A, ESD	Acting Port Manager A

SHEET CONTENTS: AS SHOWN

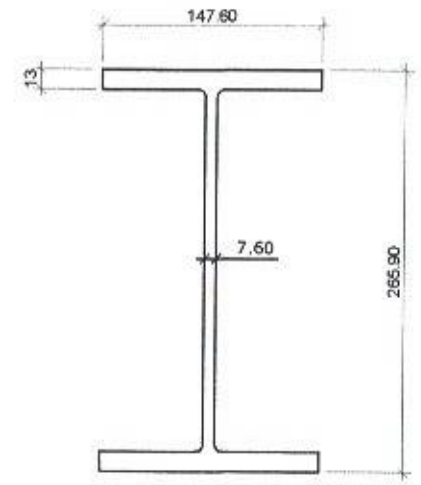
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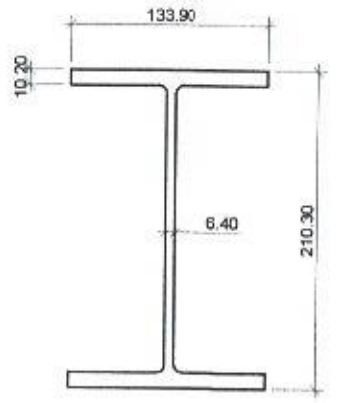
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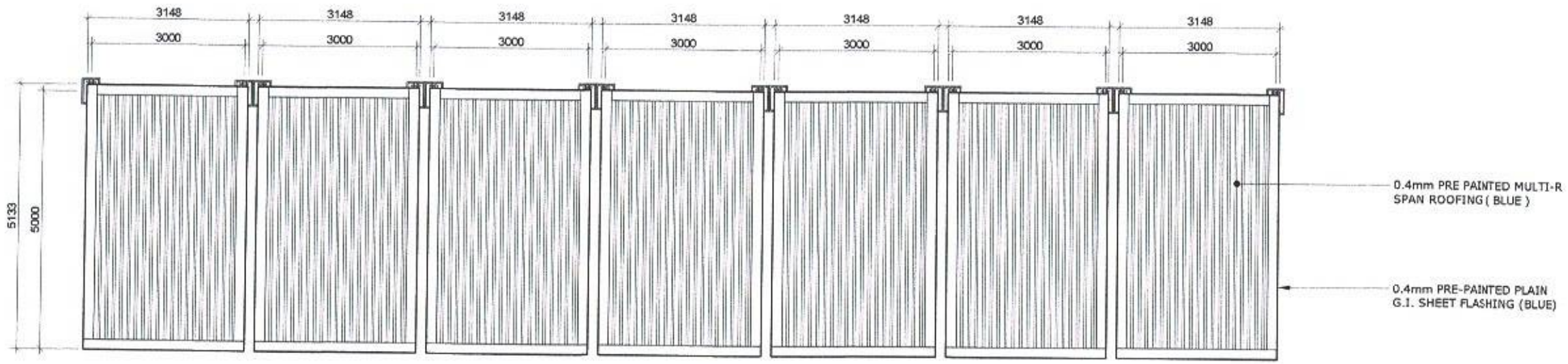
SECTION THRU "A"
SCALE 1:25 M



W10 x 30 (44.86 kg/m)



W8 x 21 (31.26 kg/m)



CAR PARKING SHED ROOF PLAN
SCALE 1:100 M

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: SUPPLY AND INSTALLATION OF 7 UNITS PARKING SHED AT PORT OF CALAPAN
PORT OF CALAPAN, ORIENTAL MINDORO

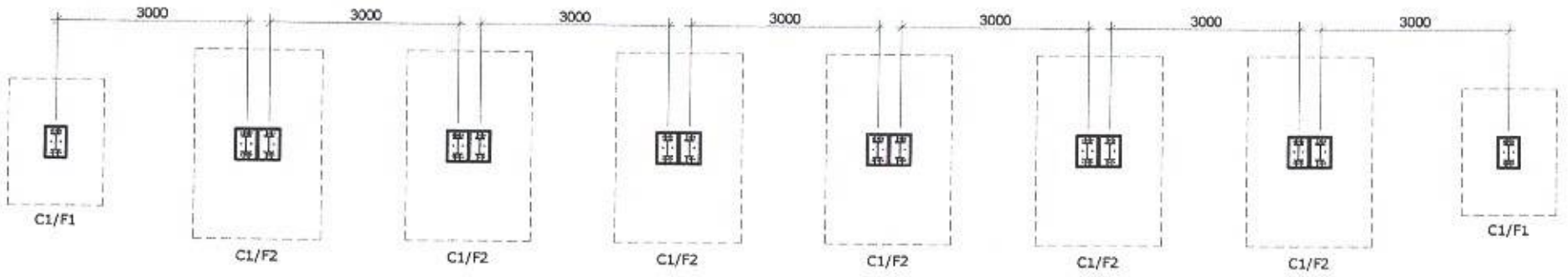
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ROMELL C. MALUBAY Draftsman II	EMERSON D. QUIAMBAO Assistant Port Engineer	RONALD O. MATIBAG Acting Principal Engineer A	MARGARITO P. DIMAILIG Acting Division Manager A, ESD	LEO A. ROMERO Acting Port Manager A

SHEET CONTENTS: AS SHOWN

SCALE: AS SHOWN

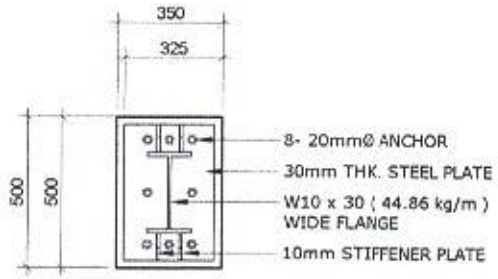
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DATE : 01 DECEMBER, 2021

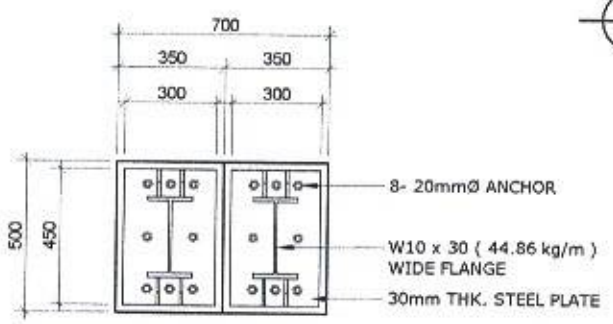


FOUNDATION PLAN

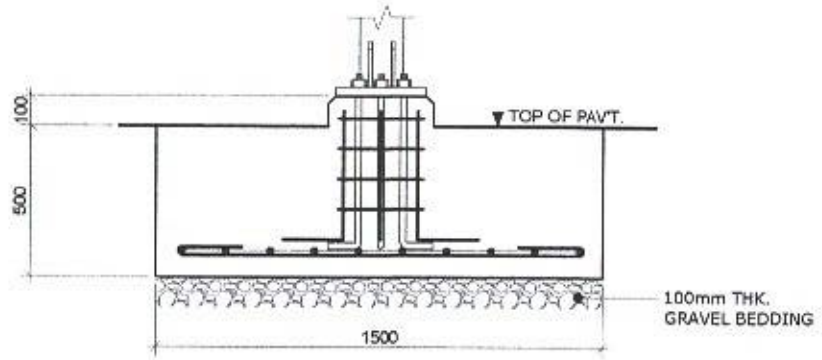
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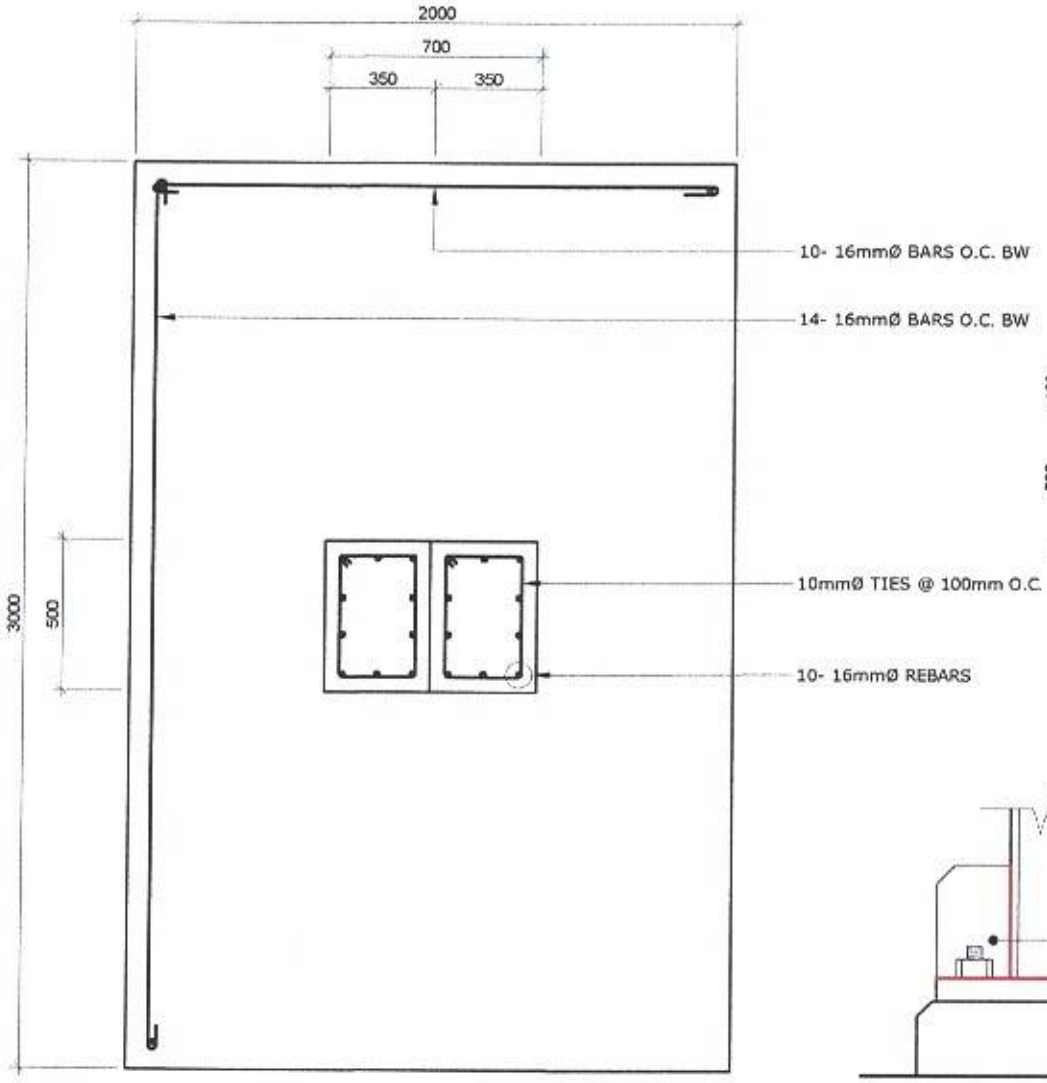
BASE PLATE



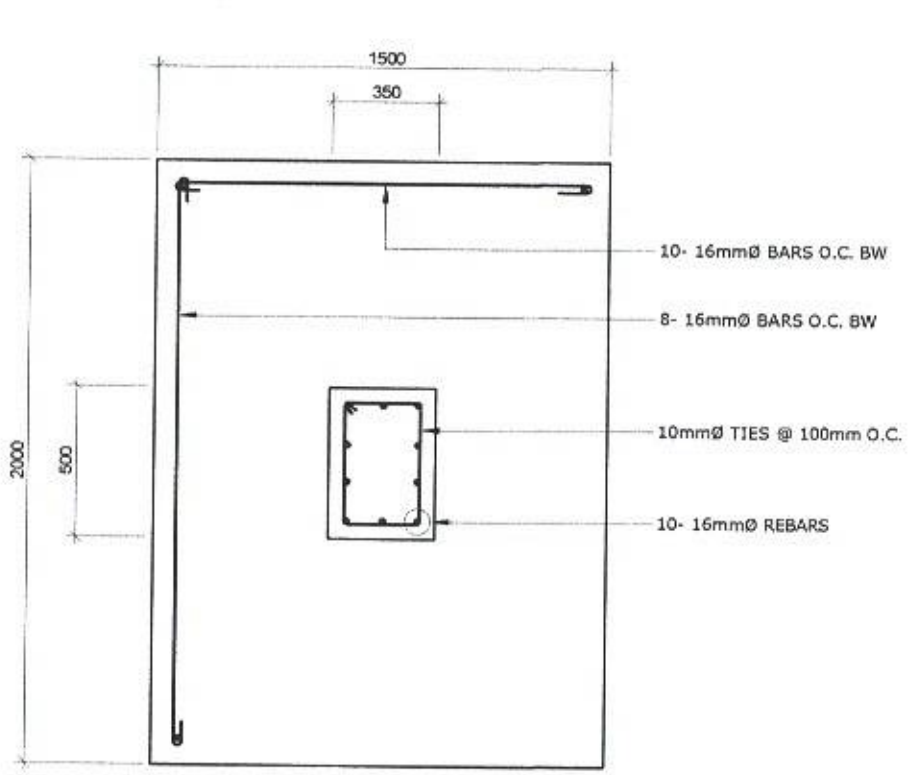
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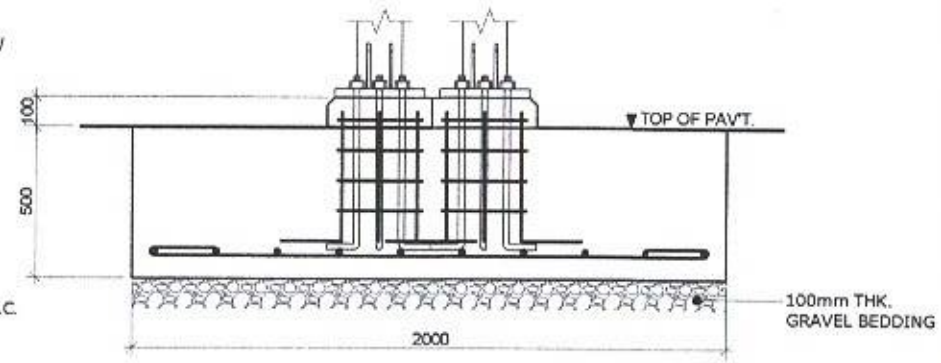
C1/F1



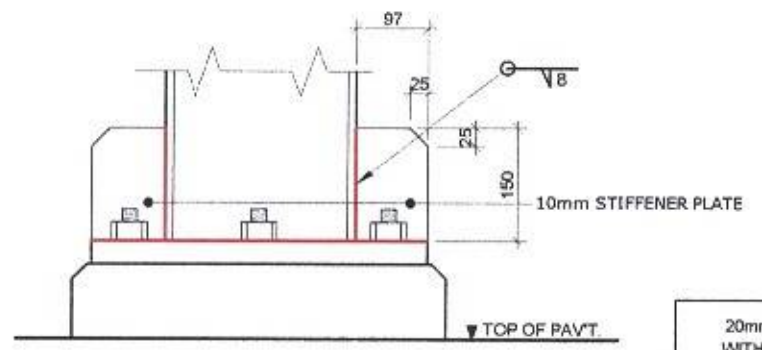
FOOTING 2



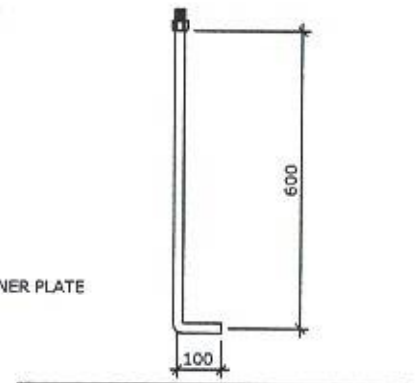
FOOTING 1



C1/F2



STIFFENER DETAIL



ANCHOR BOLT DETAIL

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

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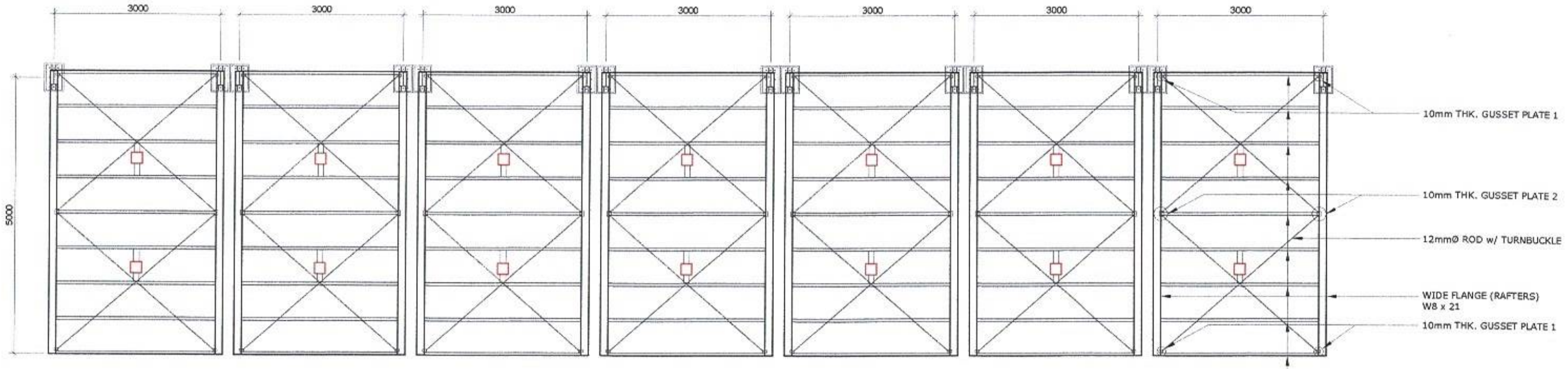
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SCALE: AS SHOWN

SHEET NO. 5 of 9

DATE : 01 DECEMBER, 2021

PREPARED BY:	SUBMITTED BY:	CHECKED / REVIEWED BY:	RECOMMENDING APPROVAL BY:	APPROVED BY:
ROMELL C. MALUBAY	EMERSON D. QUIAMBAO	RONALD O. MATIBAG	MARGARITO P. DIMAILIG	LEO A. ROMERO
Draftsman II	Assistant Port Engineer	Acting Principal Engineer A	Acting Division Manager A, ESD	Acting Port Manager A

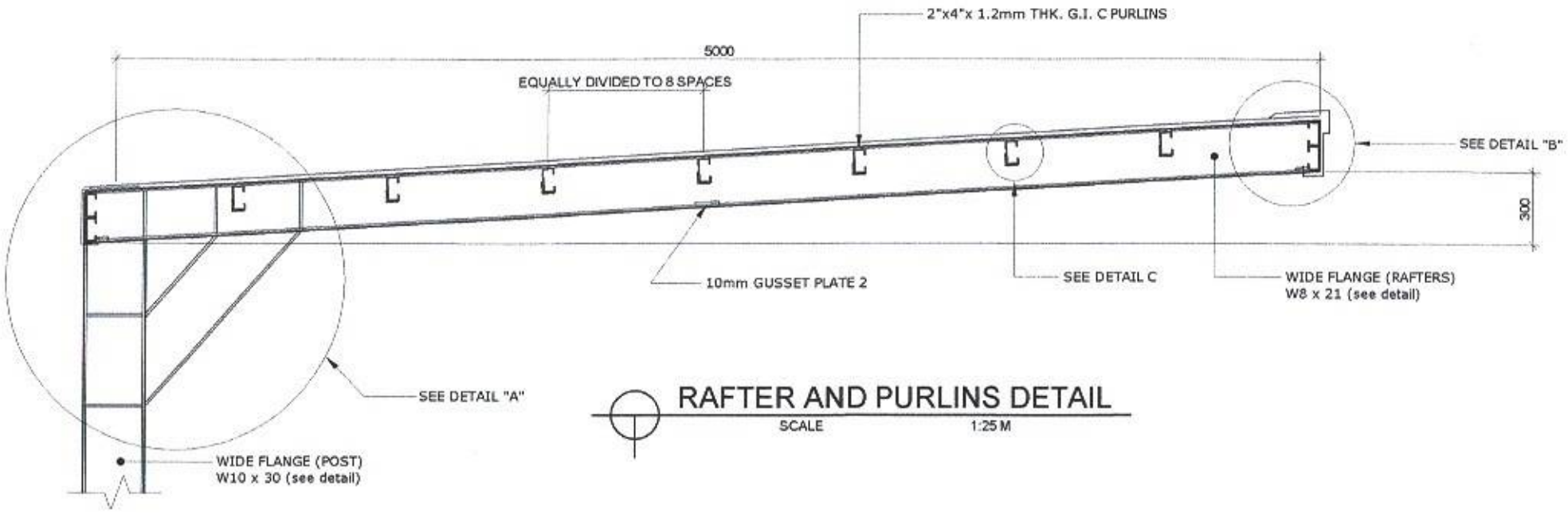


ROOF FRAMING PLAN

SCALE 1:75 M

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.



RAFTER AND PURLINS DETAIL

SCALE 1:25 M

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PORT OF CALAPAN, ORIENTAL MINDORO

SHEET CONTENTS: AS SHOWN

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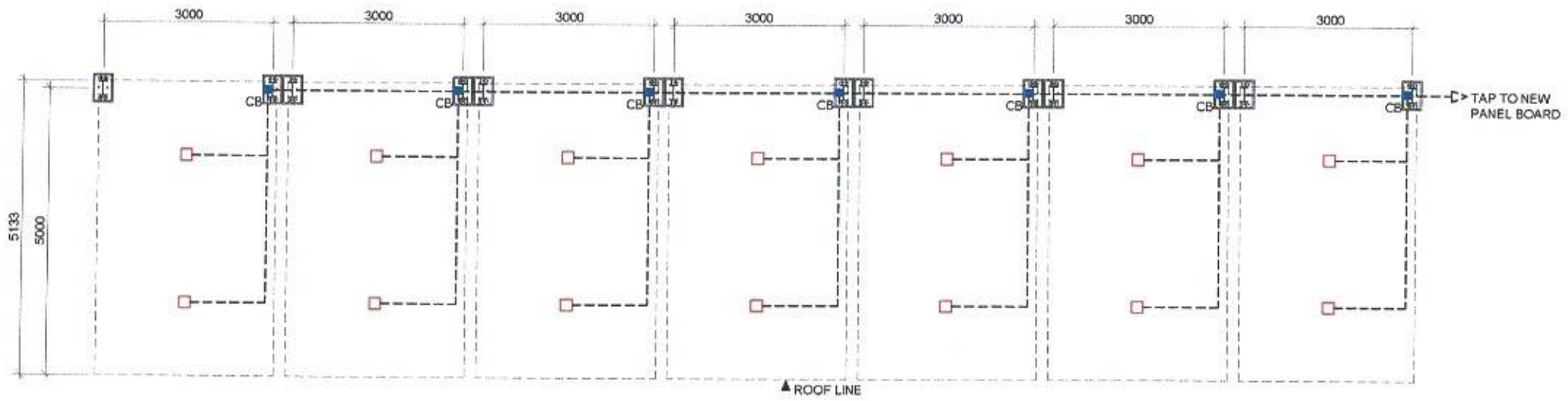
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DATE : 01 DECEMBER, 2021

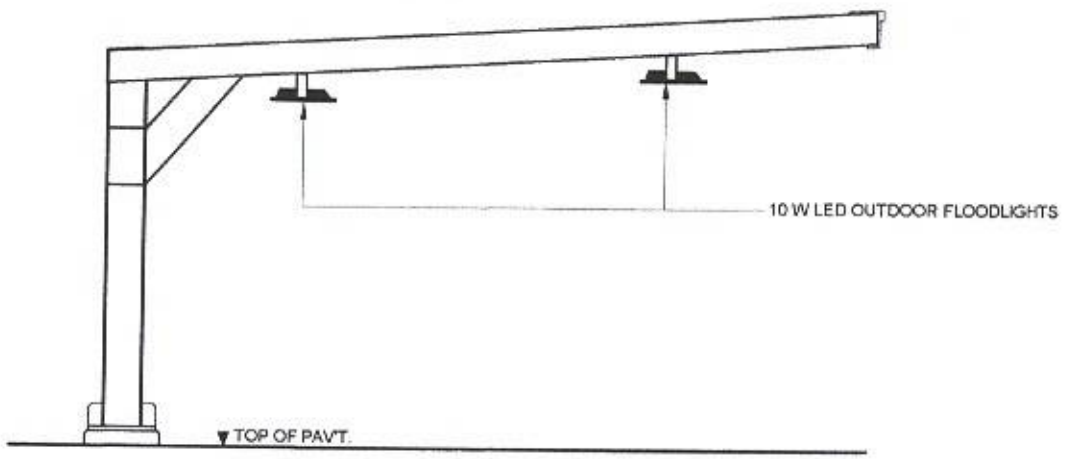
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ROMELL C. MALUBAY	EMERSON D. QUIAMBAO	RONALD O. MATIBAG	MARGARITO P. DIMAILIG	LEO A. ROMERO
Draftsman II	Assistant Port Engineer	Acting Principal Engineer A	Acting Division Manager A, ESD	Acting Port Manager A

ELECTRICAL NOTES:

1. THE ELECTRICAL INSTALLATIONS HEREIN SHALL BE DONE IN ACCORDANCE W/ THE PROVISIONS OF THE LATEST EDTION OF PHILIPPINE ELECTRICAL CODE, THE RULES AND REGULATIONS OF THE ENFORCING AUTHORITY,AND THE REQUIREMENTS OF THE LOCAL POWER UTILITY COMPANY.
2. SERVICE ENTRANCE SHALL BE INSTALLED OVERHEAD W/ THHN. COPPER WIRE IN PVC CONDUITS.
3. ALL WIRING SHALL BE IN PVC CONDUITS FROM SERVICE ENTRANCE TO PANEL BOARD & PVC CONDUITS, EMBEDDED IN CHB WALLS & OPEN WIRING.
4. ALL SWITCHES & CONVENIENCE OUTLETS SHALL BE INSTALLED @ 1.35 & 0.30 M. ABOVE FLOOR LINE RESPECTIVELY,PANEL BOARD 1.65 KWH. METER 1.80M.
5. MINIMUM BRANCHES CIRCUIT CONDUCTOR SHALL BE 2-#12 THHN. OR 2-#14 THHN. CUBIC WIRE.
6. ALL WIRING HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER/ MASTER ELECTRICIAN.



ELECTRICAL PLAN
SCALE 1:100 M



LOCATION OF LIGHTING FIXTURES



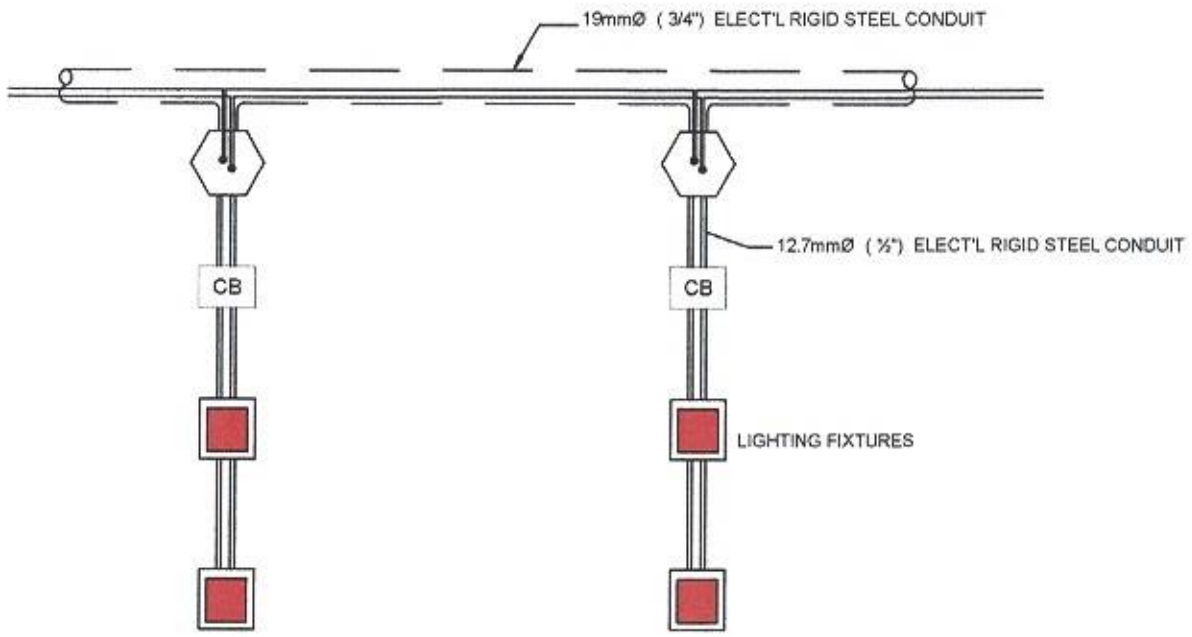
10 W LED OUTDOOR FLOODLIGHTS

LEGENDS

- ☐ - 10 W LED OUTDOOR FLOODLIGHTS
- CB - 10 W LED OUTDOOR FLOODLIGHTS

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: SUPPLY AND INSTALLATION OF 7 UNITS PARKING SHED AT PORT OF CALAPAN PORT OF CALAPAN, ORIENTAL MINDORO					SHEET CONTENTS:	SCALE: AS SHOWN
PREPARED BY: ROMELL C. MALUBAY Draftsman II	SUBMITTED BY: EMERSON DUQUIAMBAO Assistant Port Engineer	CHECKED / REVIEWED BY: RONALD O. MATIBAG Acting Principal Engineer A	RECOMMENDING APPROVAL BY: MARGARITO R. DIMAILIG Acting Division Manager A, ESD	APPROVED BY: LEO A. ROMERO Acting Port Manager A	AS SHOWN	SHEET NO. 8 of 9 DATE : 01 DECEMBER, 2021

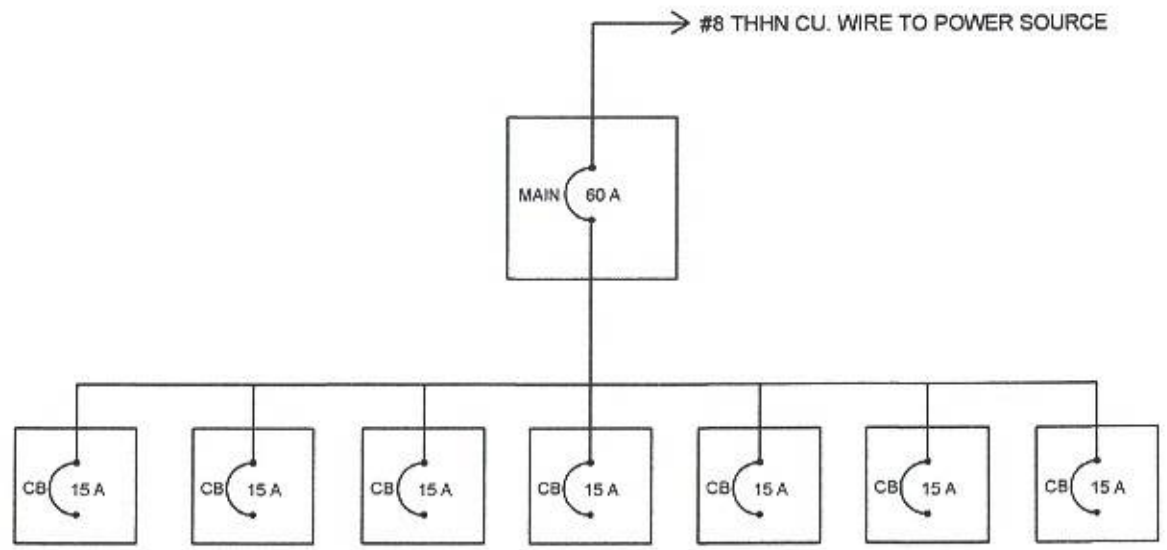


WIRE CONNECTION DETAIL

SCHEDULE OF LOAD

CAR PARKING SHED 1

CKT. NO.	Unit		LOAD DESCRIPTION	VOLTS	WATTS	AMPS		WIRE (mm²) THHN / THWN	METAL ELECT'L CONDUIT PIPE mmØ	CIRCUIT BREAKER PROTECTION
1	2		10 W LED LIGHTING FIXTURES	220	20			3.5	SEE CONNECTION DETAIL	15 AT - 2P
2	2		10 W LED LIGHTING FIXTURES	220	20			3.5	SEE CONNECTION DETAIL	15 AT - 2P
3	2		10 W LED LIGHTING FIXTURES	220	20			3.5	SEE CONNECTION DETAIL	15 AT - 2P
4	2		10 W LED LIGHTING FIXTURES	220	20			3.5	SEE CONNECTION DETAIL	15 AT - 2P
5	2		10 W LED LIGHTING FIXTURES	220	20			3.5	SEE CONNECTION DETAIL	15 AT - 2P
6	2		10 W LED LIGHTING FIXTURES	220	20			3.5	SEE CONNECTION DETAIL	15 AT - 2P
7	2		10 W LED LIGHTING FIXTURES	220	20			3.5	SEE CONNECTION DETAIL	15 AT - 2P
TOTAL	10									



NOTE: PROPOSED PANEL BOARD LOCATION TO BE VERIFY

PHILIPPINE PORTS AUTHORITY
PMO- MINDORO

PROJECT TITLE: SUPPLY AND INSTALLATION OF 7 UNITS PARKING SHED AT PORT OF CALAPAN
PORT OF CALAPAN, ORIENTAL MINDORO

SHEET CONTENTS: AS SHOWN

SCALE: AS SHOWN

SHEET NO. 9 of 9

DATE : 01 DECEMBER, 2021

PREPARED BY:	SUBMITTED BY:	CHECKED / REVIEWED BY:	RECOMMENDING APPROVAL BY:	APPROVED BY:
ROMELL C. MALUBAY	EMERSON D. QUIAMBAO	RONALD O. MATIBAG	MARGARITO P. DIMAILIG	LEO A. ROMERO
Draftsman II	Assistant Port Engineer	Acting Principal Engineer A	Acting Division Manager A, ESD	Acting Port Manager A