





8 FEET



# Project: ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021

Location: Makar Wharf, Port of General Santos, General Santos City

Cost: Php (contract amount)

Fund Source/s: Corporate Funds

IMPLEMENTING AGENCY: PHILIPPINE PORTS AUTHORITY - PORT MANAGEMENT OF SOCCARGEN  
CONTRACTOR: (NAME OF THE WINNING BIDDER)  
BRIEF DESCRIPTION OF PROJECT:

## PROJECT DETAILS:

PROJECT DATE			PROJECT STATUS			REMARKS
DURATION	STARTED	TARGET DATE OF COMPLETION	PERCENTAGE OF COMPLETION	AS OF (DATE)	COST INCURRED TO DATE	

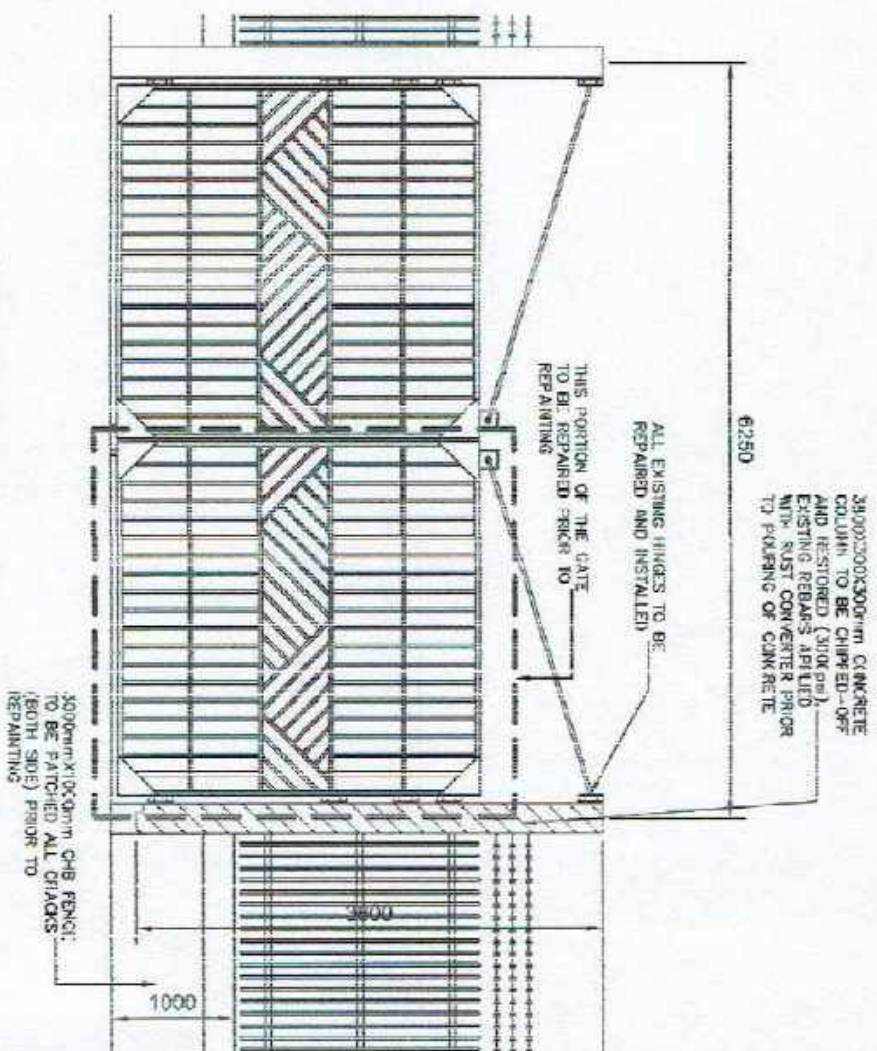
FOR PARTICULARS OR COMMENTS ABOVE THIS PROJECT, PLEASE CONTACT THE REGIONAL OFFICE OR CLUSTER WHICH HAS JURISDICTION ON THIS PROJECT:

COA REGIONAL OFFICE NO. CLUSTER \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CONTACT NO.: \_\_\_\_\_ OR TEXT COA CITIZEN'S DESK AT 0915-539-1976

NOTE: TARPULIN WHITE 8 FEET BY 8 FEET. RESOLUTION: 70 dpi. FONT: HELVETICA.  
FONT SIZE: MAIN INFORMATION - 3", SUB-INFO INFORMATION - 1". FONT COLOR: BLACK. (BASE  
ON COA CIRCULAR NO. 2013-004 DATED JANUARY 30, 2013. "INFORMATION AND  
PUBLICITY ON PROGRAMS / PROJECTS / ACTIVITIES OF GOVERNMENT AGENCIES".

COA STANDARD BILLBOARD DESIGN  
SCALE 1:75

GATE 1 ELEVATION (NEAR CY 2)  
SCALE 1:60

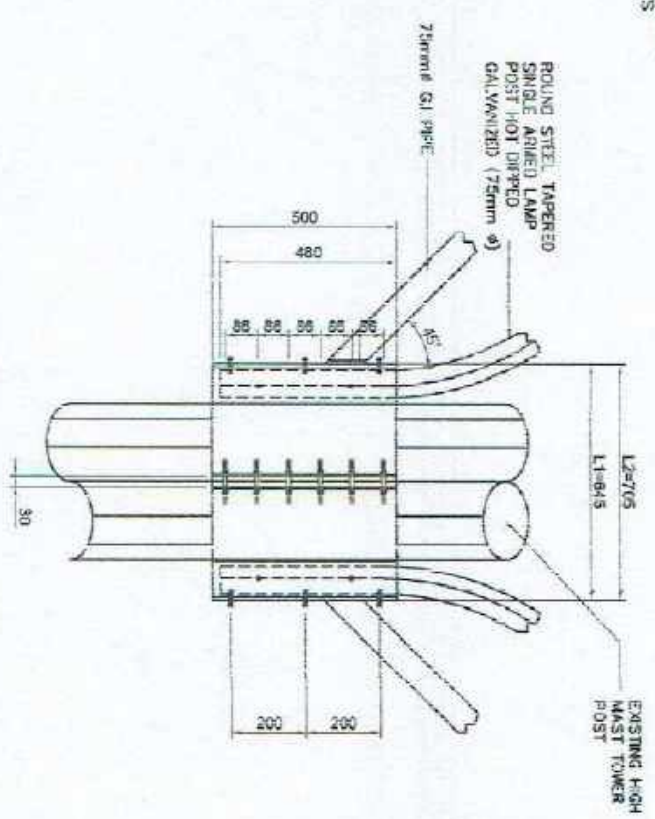
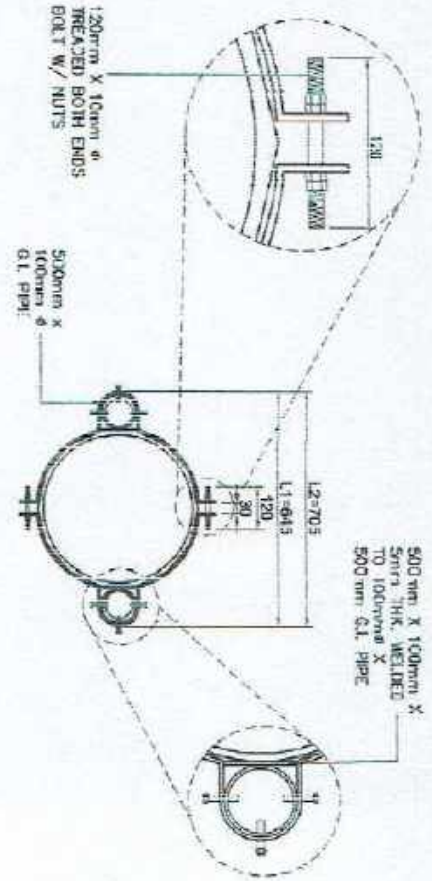
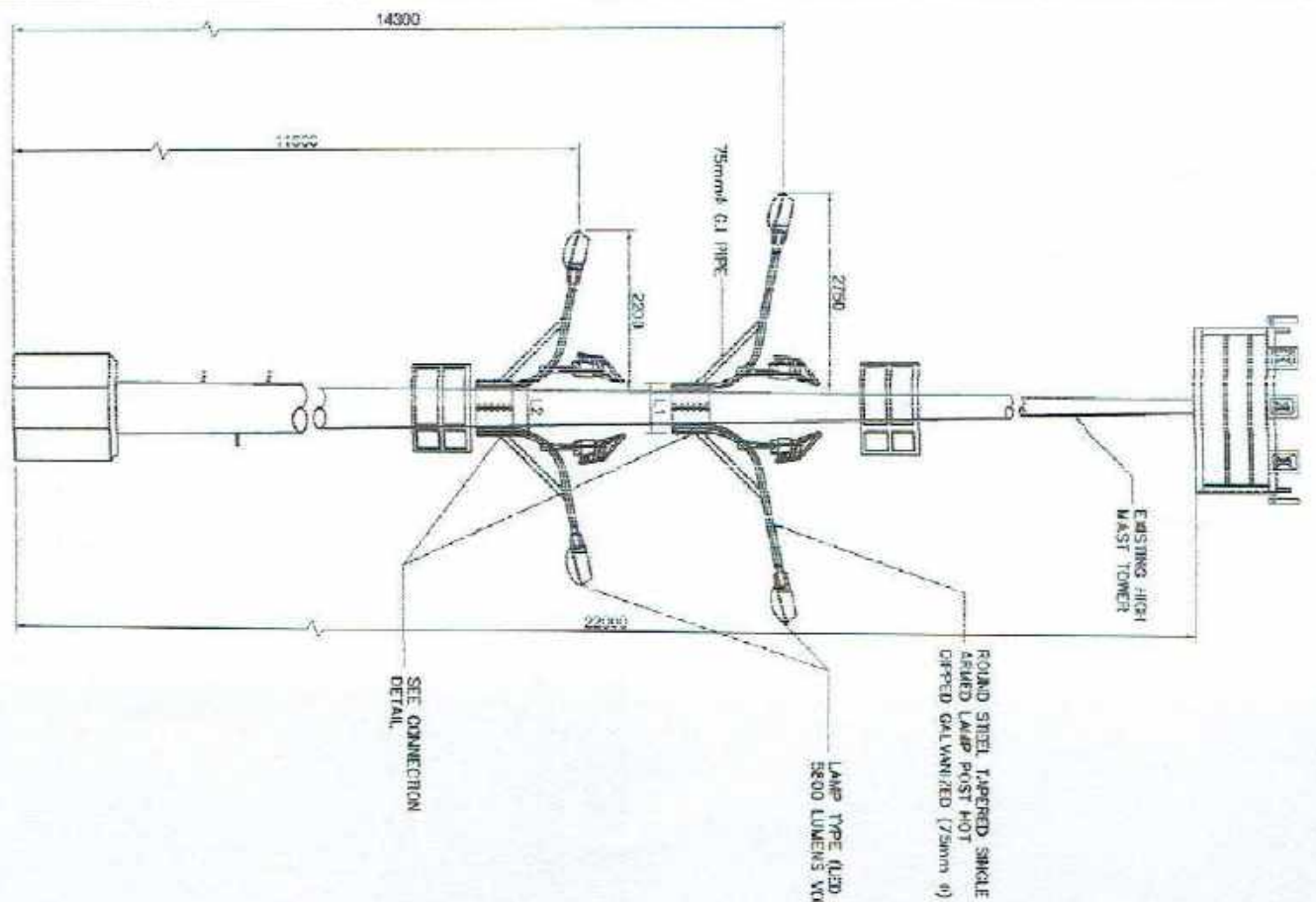


PROJECT TITLE	ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021	DESIGNED BY	JOSEPH L. SORIANO SENIOR ENGINEER	CHECKED BY	CHARMAINE DELINE L. MANAYAN SENIOR ENGINEER	REVIEWED BY	MARIA VIVIAN M. TAYAO PROJECT MANAGER	EX-COMMITTEE APPROVAL	JAMES L. LEE MEMBER	APPROVED BY	ATTY. DESA L. DELA ROSA PORT MANAGER	SHEET COORDINATOR	1. COA STANDARD BILLBOARD 2. GATE 1 ELEVATION (NEAR CY 2)	DATE:	2/17
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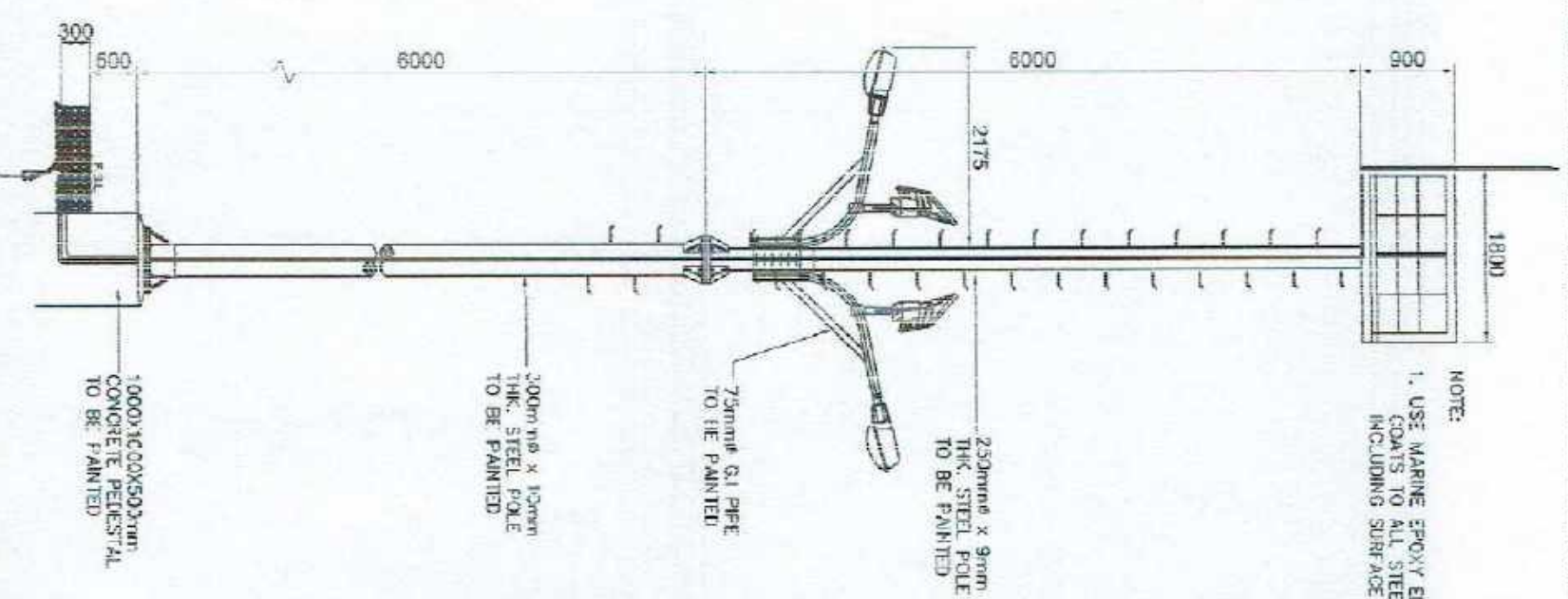
NOTE:  
1. USE MARINE EPOXY ENAMEL PAINT ONE COATS  
TO ALL STEEL STRUCTURE.



CONNECTION DETAIL  
SCALE 1:20

HIGH MAST TOWER REPAINTING DETAIL (7 UNITS)  
SCALE 1:100

NOTE:  
1. USE MARINE EPOXY ENAMEL PAINT ONE COATS TO ALL STEEL STRUCTURE INCLUDING SURFACE PREPARATION.



FLOODLIGHT POLE PAINTING DETAIL (3 UNITS)  
SCALE 1:75

	<b>PROJECT TITLE</b> ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021 <b>LOCATION</b> PORT OF GENERAL SANTOS, JAGUAR WHARF, GENERAL SANTOS CITY	<b>DESIGNED BY</b> JOSEPH L. SORIANO PROJECT ENGINEER	<b>CHECKED BY</b> CHARMAINE D. MANCIVA SENIOR ENGINEER	<b>REVIEWED BY</b> MARIA VIVIENTE TANCO PRINCIPAL ENGINEER	<b>RECOMMENDING OFFICER</b> JAMES C. LEE ENGINEER	<b>APPROVED BY</b> ATTY. CESAR M. MANCIVA PORT MANAGER	<b>REMARKS</b> 1. FLOODLIGHT POLE PAINTING DETAIL 2. HIGH MAST TOWER REPAINTING DETAIL	<b>DATE</b> 3/17
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1. USE MARINE EPOXY ENAMEL PAINT ONE COATS TO ALL STEEL STRUCTURE.



SCALE 1:40

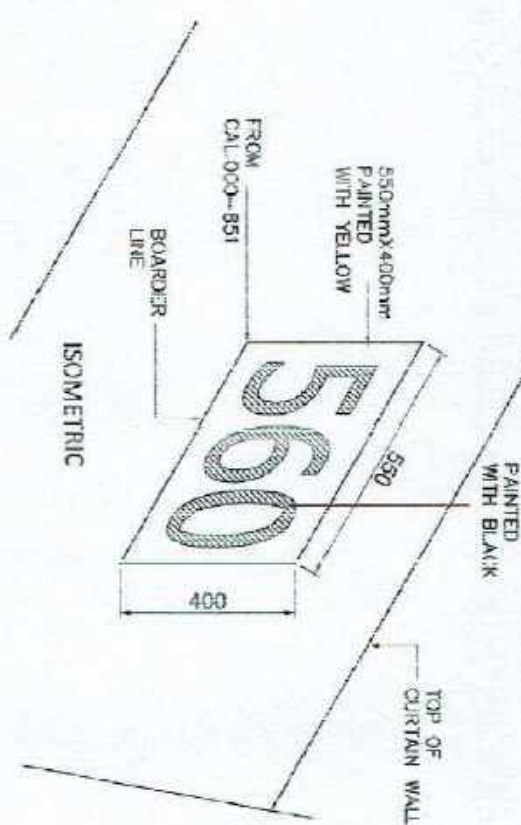
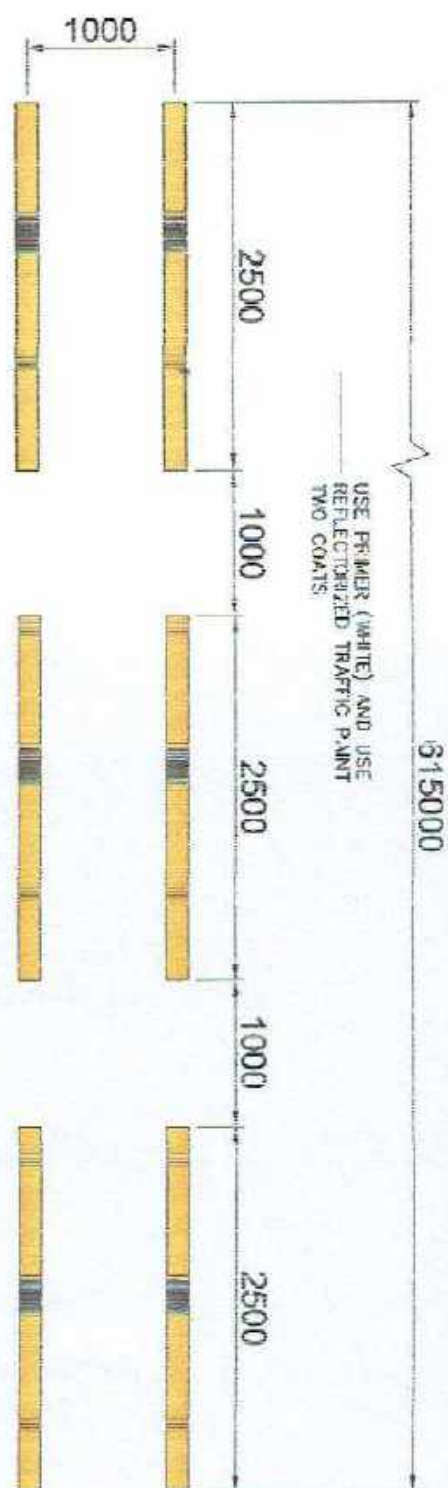
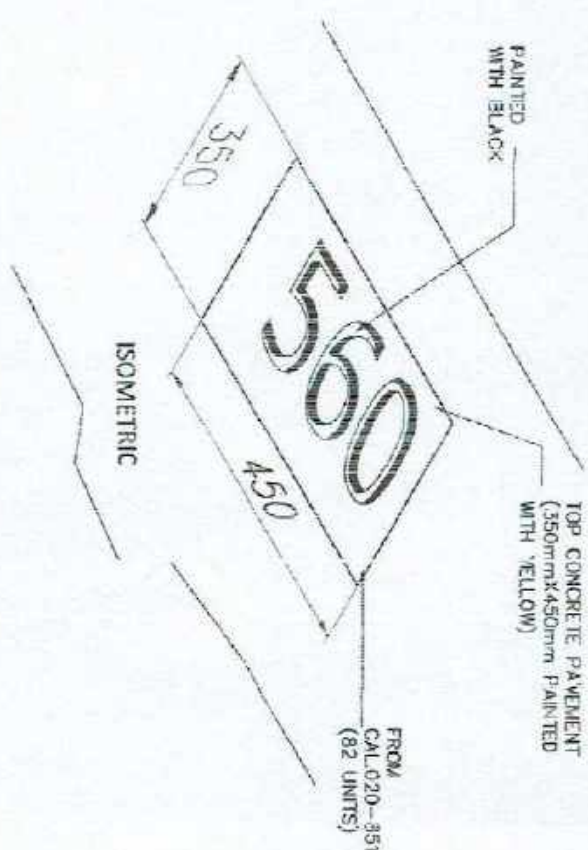
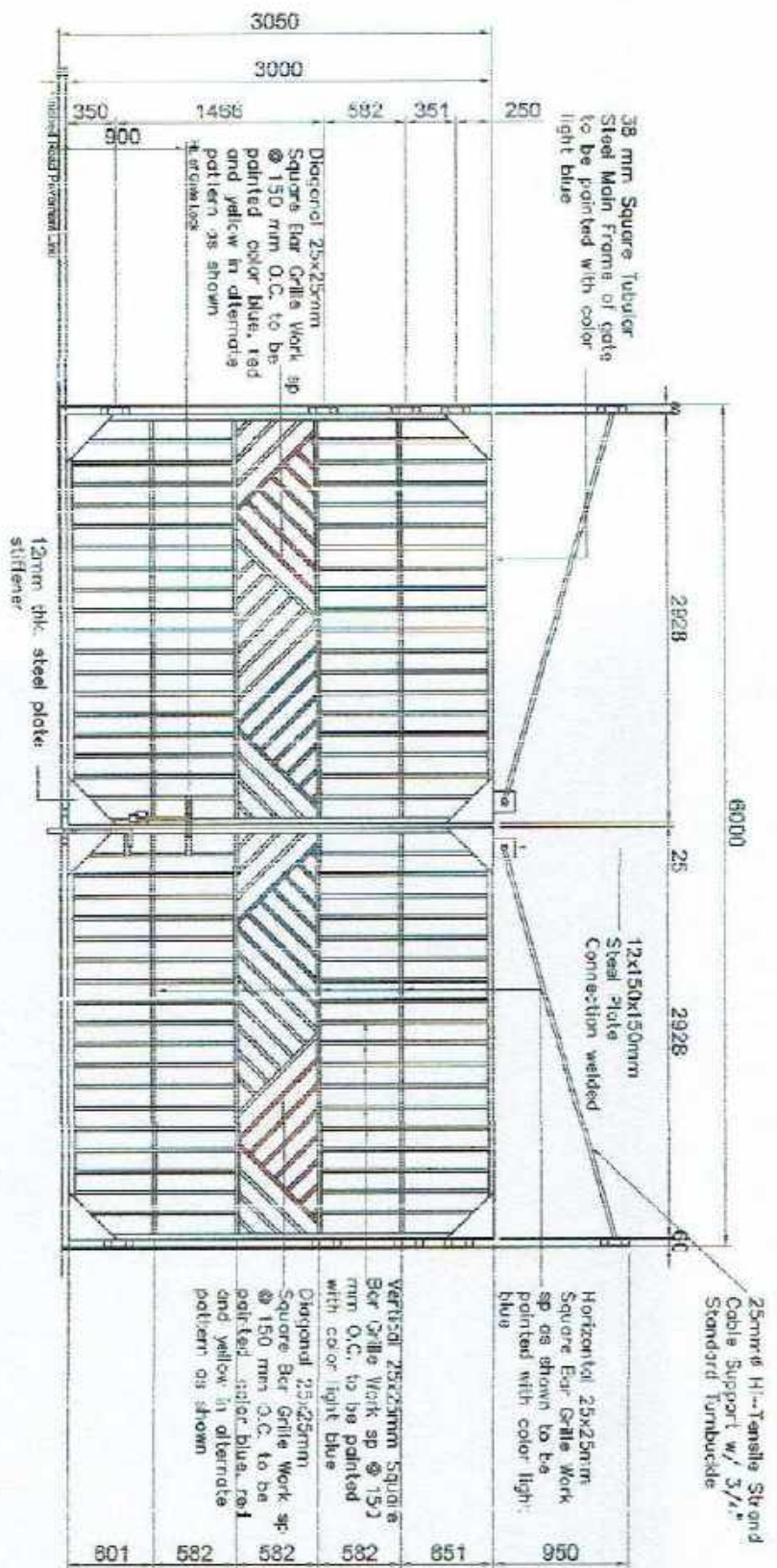


**NOTE:**

SCALE 1:100





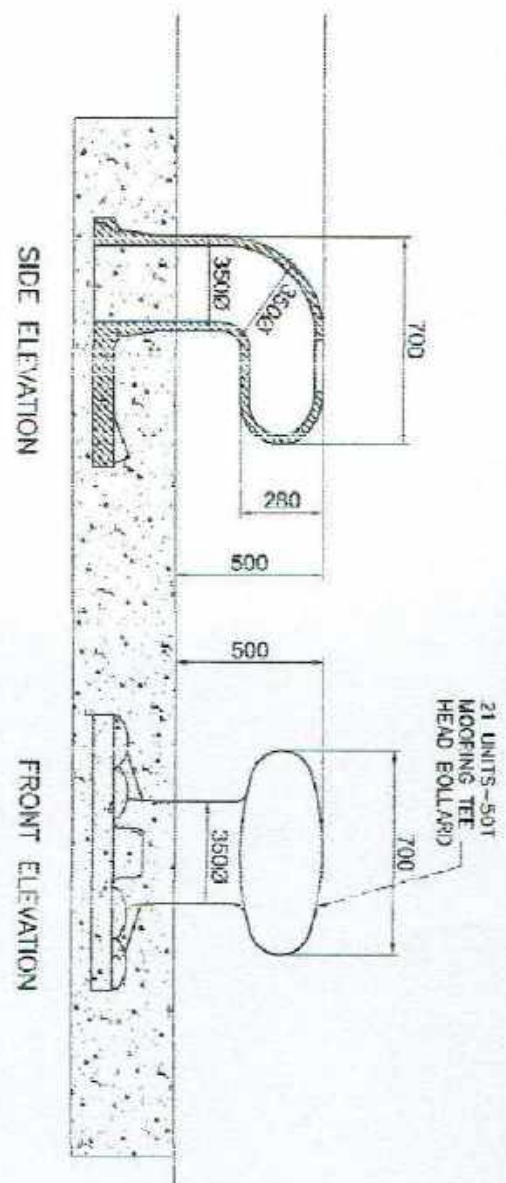


	<b>PROJECT TITLE</b> ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021 <b>LOCATION</b> PORT OF GENERAL SANTOS, MAKAR MARIF, GENERAL SANTOS CITY	<b>PREPARED BY</b> JOSEPH L. SORIANO ARCHITECT	<b>DESIGNED BY</b> CLARENCE D. MANOYA SENIOR ARCHITECT	<b>REVIEWED BY</b> MARIA VIVIE M. TAMCO PROJECT ENGINEER	<b>RECOMMENDED BY</b> JAMES C. KEE SENIOR ARCHITECT	<b>APPROVED BY</b> ATTY. CESAR M. MANOYA PORT AUTHORITY	<b>SHEET NO.</b> 1 <b>DATE</b> 5/17	<b>DATE</b> 5/17
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NOTE:

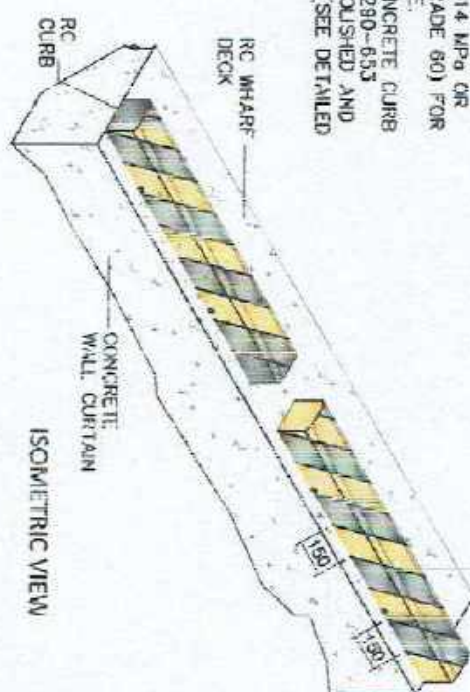
1. ONE COAT MARINE EPOXY PRIMER AND 1 COAT MARINE EPOXY ENAMEL TO ALL MOORING BOLLARDS INCLUDING SURFACE PREPARATION.



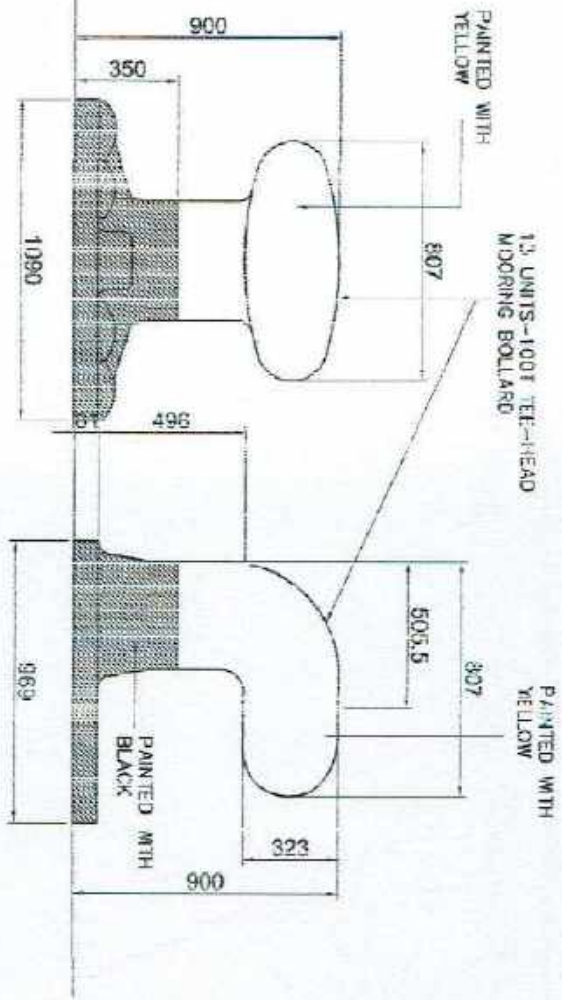
50T MOORING TEE HEAD DETAIL  
SCALE 1/25

NOTE:

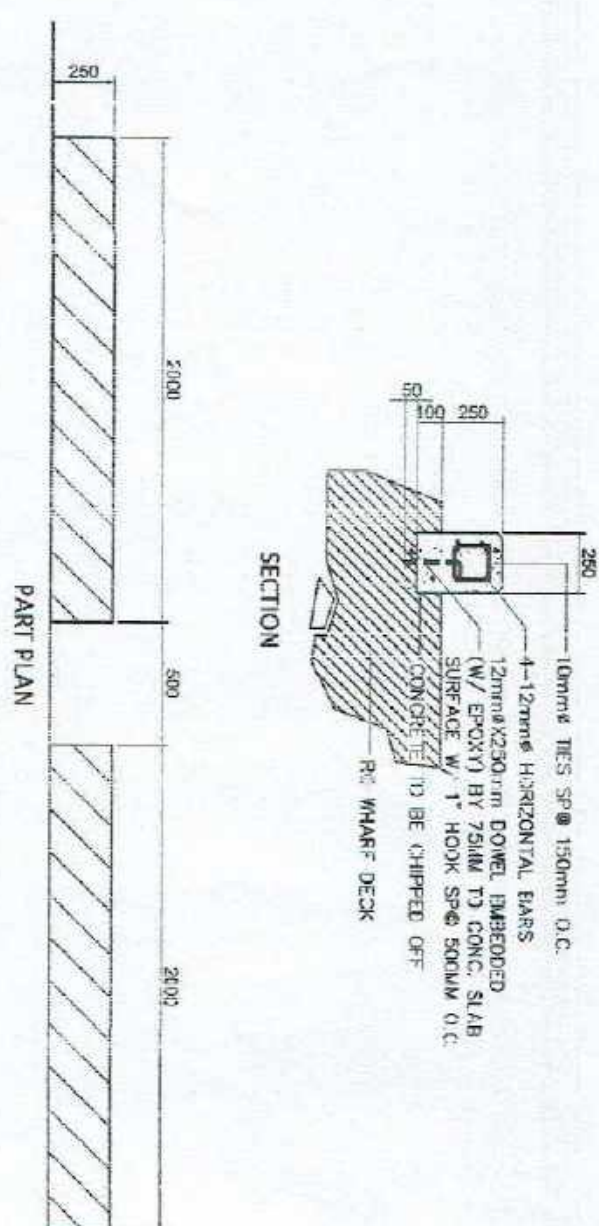
1. USE PRIMER (WHITE) AND USE REFLECTORIZED TRAFFIC PAINT TWO COATS IN PAINTING RC CURB
2. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE FOR PAVEMENT IS 3,000 PSI AT 28 DAYS.
3. ALL REINFORCING BARS SHALL CONFORM WITH ASTM A615. ALL REINFORCING STEEL BARS SHALL INTERMEDIATE GRADE WITH ULTIMATE STRENGTH (FY) OF 275 MPa OR 40,000psi (GRADE 40) FOR 12mm (GRADE 40) 414 MPa OR 60,000psi (GRADE 60) FOR 16mm ABOVE.
4. EXISTING CONCRETE CURB FROM CAL. 280-653 TO BE DEMOLISHED AND REPLACED (SEE DETAILED DRAWING)



CONCRETE CURB AT CAL. 653-851 TO BE REPAINTED



100T MOORING BOLLARD DETAIL  
SCALE 1/25



CONCRETE CURB DETAIL (CAL. 280-653)  
SCALE 1/30

	<b>PROJECT TITLE</b> ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021 <b>LOCATION</b> PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY	<b>PREPARED BY</b> JOSE R. L. SORIANO SENIOR ENGINEER	<b>CHECKED BY</b> CHARMAINE DUNELO MANTONA SENIOR ENGINEER	<b>DESIGNED BY</b> MARIA VIVIANA TANCO SENIOR ENGINEER	<b>RECOMMENDED BY</b> JAMES R. LEE ENGINEER	<b>APPROVED BY</b> ATTY. CESAR M. MANA PORT MANAGER	<b>SUBJECT CODES</b> 1. CONCRETE CURB DETAIL 2. MOORING BOLLARD DETAIL	<b>DATE</b> 6/17
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NOTE:

1. USE PRIMER (WHITE) AND USE REINFORCED PAINTING PC CURB TWO COATS IN PAINTING PC CURB
2. MINIMUM COMPRESSIVE STRENGTH IS 3,000 PSI AT 28 DAYS
3. ALL REINFORCING BARS SHALL CONFORM WITH ASTM A615
4. ALL REINFORCING STEEL BARS SHALL INTERLOCK STEEL BARS WITH ULTIMATE STRENGTH (1) OF 275 MPa OR 40,000 PSI (SPACE 40) FOR 12mm BARS AND 414 MPa OR 60,000 PSI (SPACE 60) FOR 16mm BARS

CONCRETE CURB LAYOUT AT BERTH 2 TO 4 (CAL. 70-250)

SCALE 1:100

Cal. 190  
Cal. 200  
Cal. 210  
Cal. 220  
Cal. 230  
Cal. 240  
Cal. 250

The drawing includes two main views: an isometric view and a section view. The isometric view shows a concrete curb with a concrete wall, concrete deck, and concrete curb. It also shows damaged concrete curb and damaged concrete deck. The section view shows a cross-section of the curb with dimensions: 10mm TIES SP@ 150mm O.C., 4-12# HORIZONTAL BARS, 12mm LONGitudinal DOWN DIRECTION (W/ ELEV) BY 75mm TO CONC. SLAB SURFACE W/ 1" HOIC SP@ 500mm O.C., and 10mm TIES SP@ 150mm O.C. The section view also shows the RC WHARF DECK. The part plan view shows the layout of the curb with dimensions: 2100, 2000, and 2000. The part plan view also shows the VERTICES and the PART PLAN.

ISOMETRIC VIEW

SECTION

PART PLAN

CONCRETE CURB DETAIL

SCALE 1:40











PROJECT TITLE  
ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021

LOCATION  
PORT OF GENERAL SANTOS, MAKAR WHARF,  
GENERAL SANTOS CITY

PREPARED BY  
JOSEPH O. SORIANO  
ARCHITECT

CHECKED BY  
CHARMAINE D. LUNA  
ARCHITECT

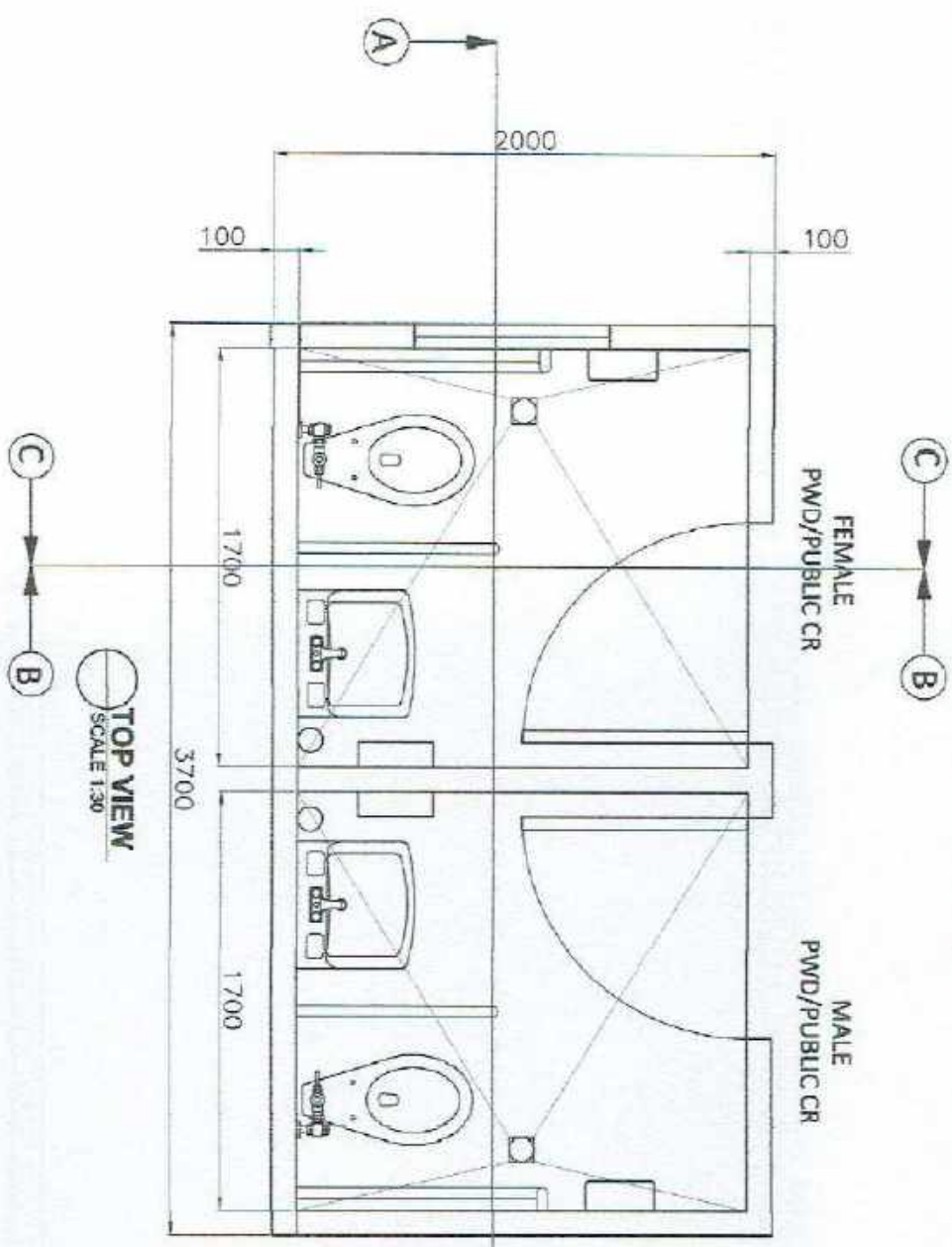
REVIEWED BY  
MARIA VIVIAN M. TANCO  
PROJECT ENGINEER

RECOMMENDING APPROVAL  
JAMES LEE  
ARCHITECT

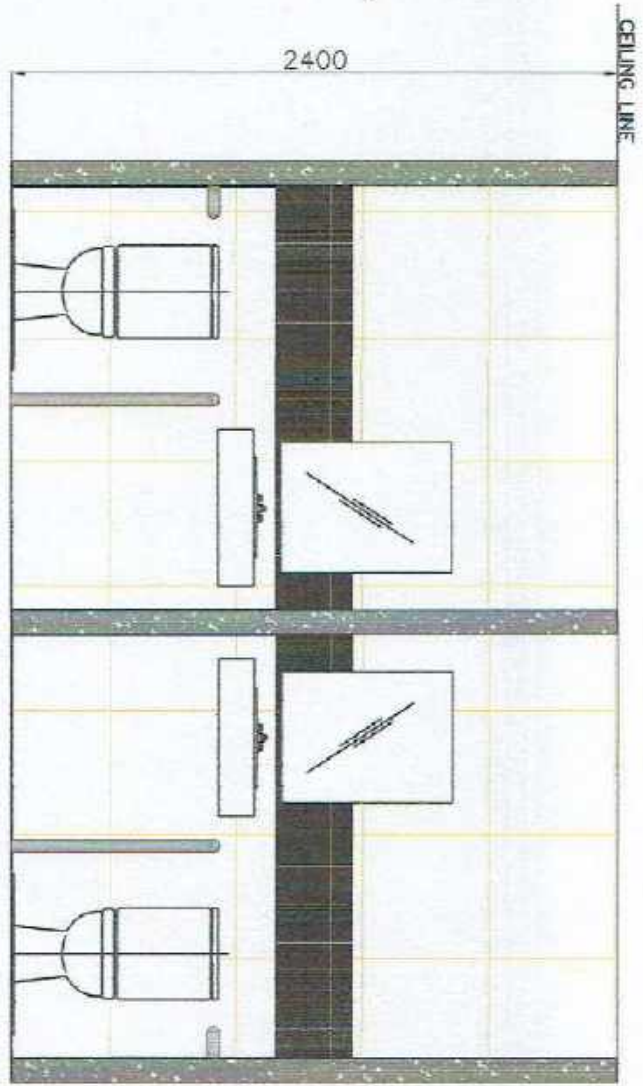
APPROVED BY  
ATTY. CESAR B. BAYANA  
PORT MANAGER

SHEET CONTENT  
1. Comfort Room at PPD OFFICE

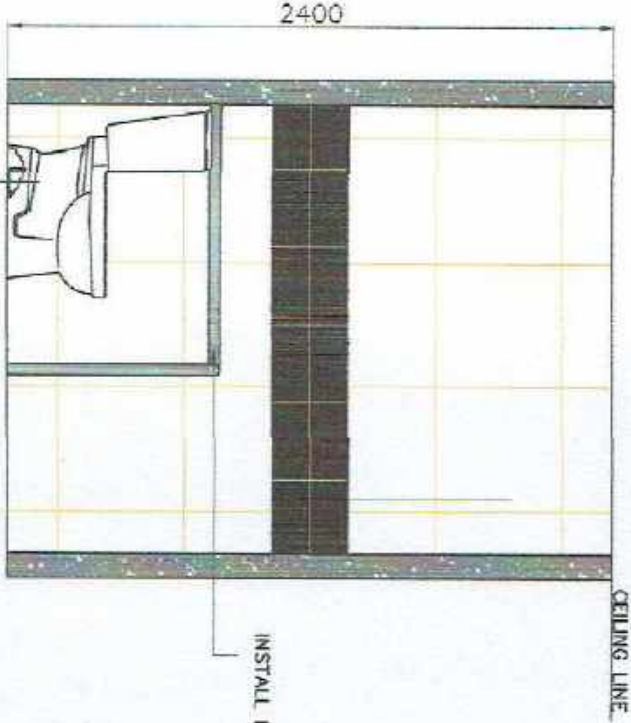
DATE:  
9/17



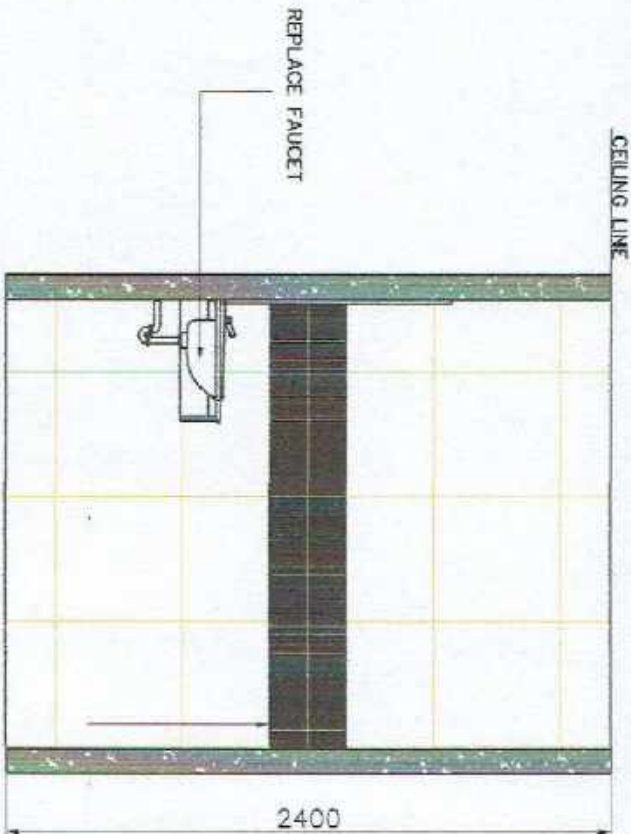
TOP VIEW  
SCALE 1:30



SECTION A-A  
SCALE 1:30



SECTION B-B  
SCALE 1:30

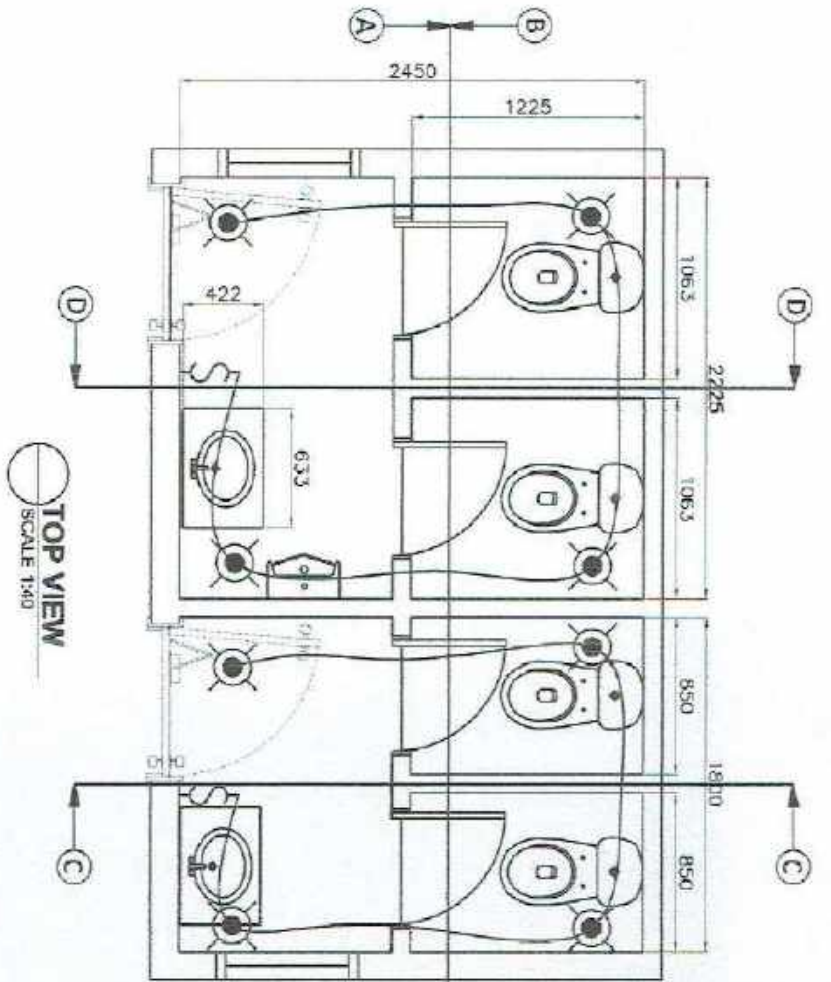


SECTION C-C  
SCALE 1:30

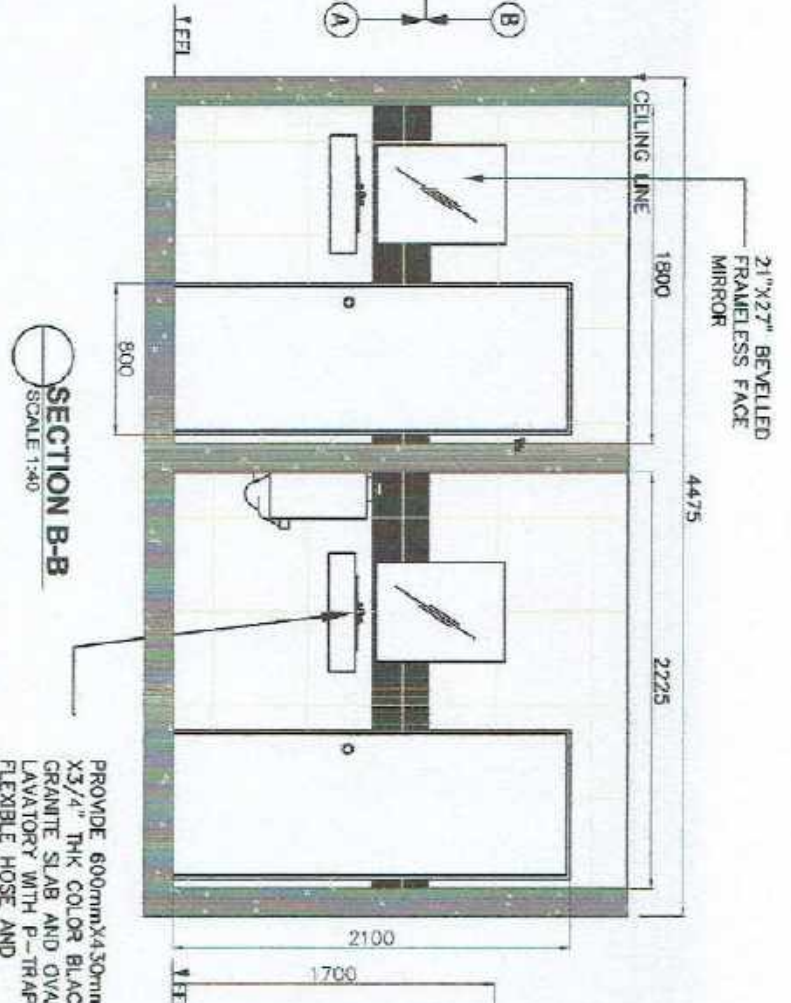
COMFORT ROOM AT PPD OFFICE

NOTE:  
IN MEN'S COMFORT ROOM  
PROVIDE EXHAUST FAN, HAND DRYER  
AND HANDRAIL FOR PWD.  
REPLACE WATER CLOSET AND FAUCET.



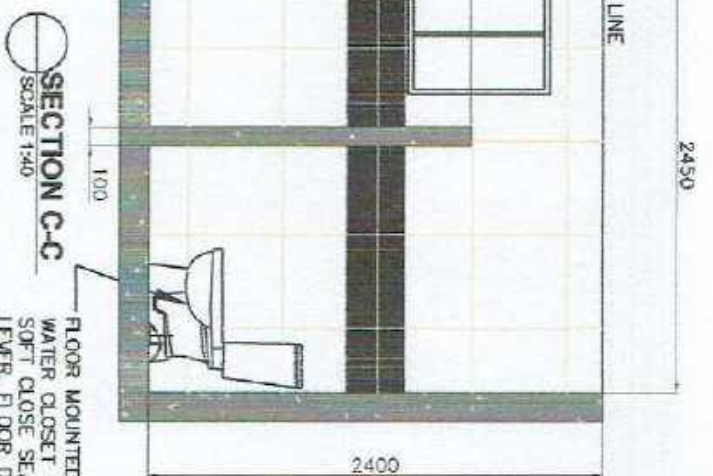


TOP VIEW  
SCALE 1:40



SECTION B-B  
SCALE 1:40

PROVIDE 600mmX430mm  
X3/4" THK COLOR BLACK  
GRANITE SLAB AND OVALIN  
LAVATORY WITH P-TRAP,  
FLEXIBLE HOSE AND  
COMPLETE ACCESSORIES



SECTION C-C  
SCALE 1:40

FLOOR MOUNTED, ROUND  
WATER CLOSET WITH SLOW/  
SOFT CLOSE SEAT COVER/FRONT  
LEVER, FLOOR DRAIN DISCHARGE,  
CLOSE-COUPLED TOILET

LEGEND:

- \$ 2 GANG SWITCH
- ⦿ PINLIGHT 18 WATTS W/  
4" Ø HOUSING

PROVIDE MALE URINAL WITH COMPLETE FITTING ACCESSORIES AND  
WITH ANTI-BACTERIAL PROTECTION, STAIN RESISTANT AND LOW  
MAINTENANCE WITH MINIMUM DIMENSION OF 600mm (HEIGHT) AND  
300mm (WIDTH) AND 300mm (DEPTH). MAXIMUM HEIGHT OF URINALS  
FROM THE FLOOR TO THE LOWEST FIXTURE MOUTH SHOULD BE 400MM

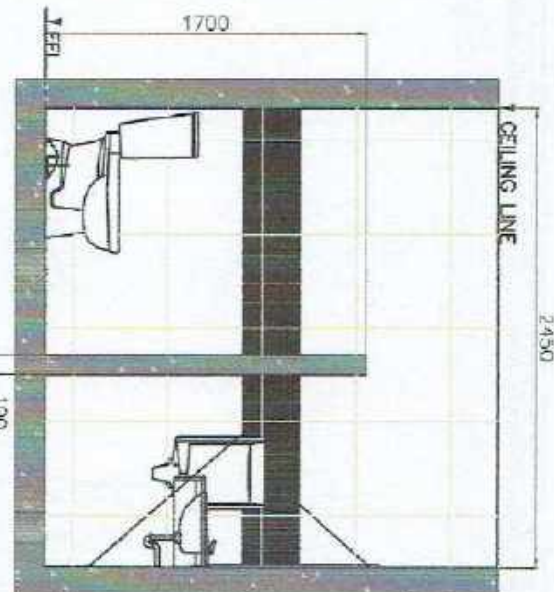
PROVIDE 630mmX430mm  
X3/4" THK COLOR BLACK  
GRANITE SLAB AND OVALIN  
LAVATORY WITH P-TRAP,  
FLEXIBLE HOSE AND  
COMPLETE ACCESSORIES

300mm X 600mm CERAMIC TILES  
COLOR PLAIN SUPER WHITE/BEIGE FOR  
ALL WITH 1 LINE 300mm X 600mm  
CERAMIC TILES COLOR PLAIN BLACK AT  
CENTER AS SHOWN

NOTE AND SPECIFICATION:

1. FLOOR MOUNTED, ROUND WATER CLOSET WITH SLOW/SOFT  
CLOSE SEAT COVER/FRONT LEVER, FLOOR DRAIN DISCHARGE,  
CLOSE-COUPLED TOILET AND  
ROUND FRONT WATER CLOSER, WITH ANTI-  
BACTERIAL PROTECTION, STAIN RESISTANT, LOW  
MAINTENANCE, COLOR WHITE WITH COMPLETE  
ACCESSORIES AND STAINLESS STEEL BIDET
2. -600mmX 600mm DURABLE NON-SKID, WATER AND  
STAIN RESISTANT HOMOGENEOUS CERAMIC FLOOR  
TILES, LIGHT TONE COLOR.  
-300mm X 600mm CERAMIC TILES COLOR PLAIN  
SUPER WHITE/BEIGE FOR ALL WITH 1 LINE 300mm X  
600mm CERAMIC TILES COLOR PLAIN BLACK AT  
CENTER AS SHOWN
3. FLOOR DRAIN TO BE REPLACE AND PROVIDE 480mmX480mm  
BEVELLED FRAMELESS FACE MIRROR

SECTION A-A  
SCALE 1:40



SECTION D-D  
SCALE 1:40

FLOOR MOUNTED, ROUND  
WATER CLOSET WITH SLOW/  
SOFT CLOSE SEAT COVER/FRONT  
LEVER, FLOOR DRAIN DISCHARGE,  
CLOSE-COUPLED TOILET AND

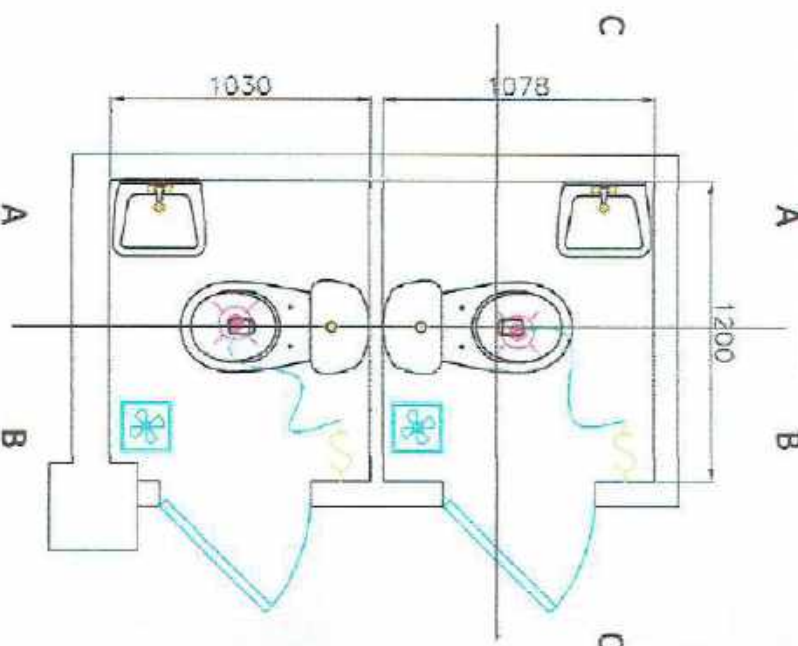
COMFORT ROOM AT OLD POWERHOUSE

	<b>PROJECT TITLE</b> ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021  <b>LOCATION</b> PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY	<b>DESIGNED BY</b> JOE CASAPOL SORIANO ENGINEERING ASSISTANT A	<b>CHECKED BY</b> CHARMAINE DAINE J. MANTOYA SENIOR ENGINEER A	<b>REVIEWED BY</b> MARIA VIVIAN M. TALICO Principal Engineer A	<b>RECOMMENDING APPROVAL</b> JAMES EDWIN LEE Engr.	<b>APPROVED BY</b> ATTY. CESAR M. DAVIDA Per Mando	<b>SHEET CONTENT</b> 1. Comfort Room Renovation at Power House  <b>DATE:</b> 10/17
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NOTE AND SPECIFICATION:

1. FLOOR MOUNTED, ROUND WATER CLOSET WITH SLOW/CLOSE SEAT COVER, FRONT LEVER, FLOOR DRAIN DISCHARGE, CLOSE-COUPLED TOILET AND ROUND FRONT WATER CLOSER, WITH ANTI-BACTERIAL PROTECTION, STAIN RESISTANT, LOW MAINTENANCE, COLOR WHITE WITH COMPLETE ACCESSORIES AND STAINLESS STEEL BIDET
2. ~800mm x 600mm DURABLE NON-SKID, WATER AND STAIN RESISTANT HOMOGENEOUS CERAMIC FLOOR TILES, LIGHT TONE COLOR, ~300mm x 600mm CERAMIC TILES COLOR PLAIN SUPER WHITE/BEIGE FOR ALL WITH 1 LINE 300mm x 600mm CERAMIC TILES COLOR PLAIN BLACK AT CENTER AS SHOWN
3. FLOOR DRAIN TO BE REPLACE



**FLOOR PLAN (TOP VIEW)**  
SCALE 1:30

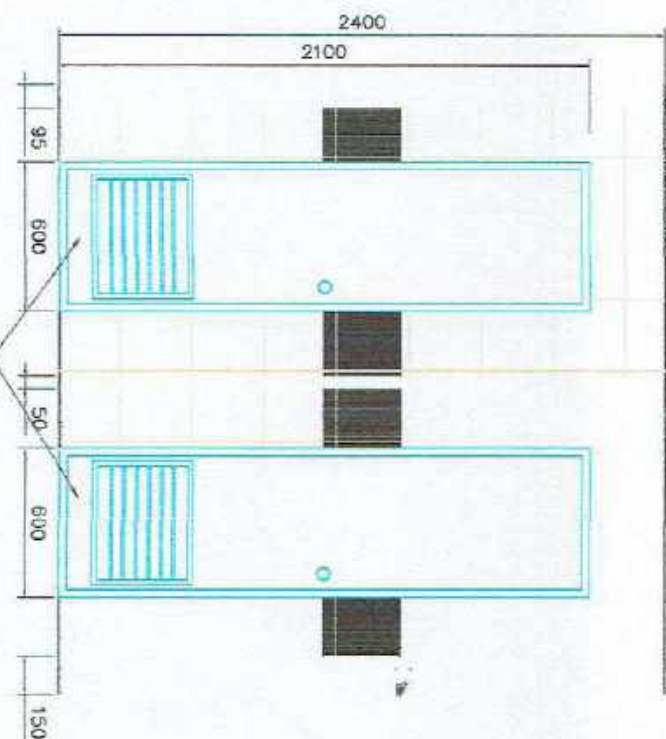
PINLIGHT 18 WATTS W/  
4" Ø HOUSING

1 GANG SWITCH

Exhaust Fan

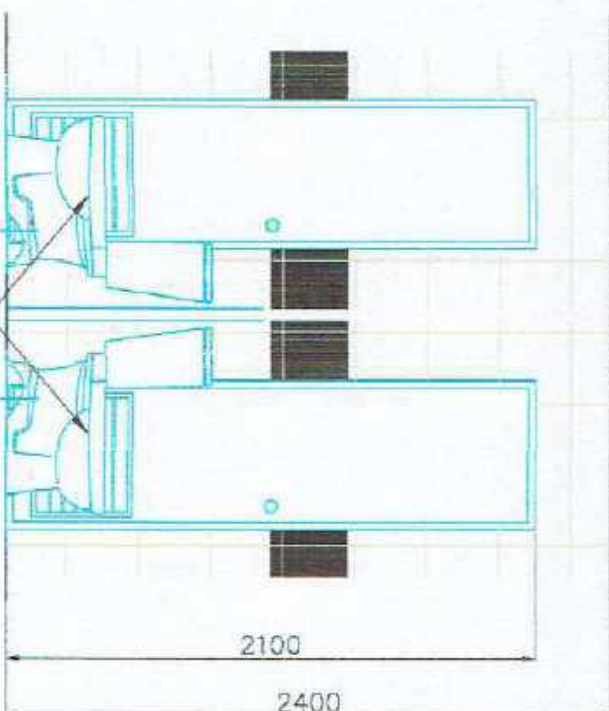
**COMFORT ROOM AT NORTH GATE OFFICE (OUTSIDE)**

**FRONT ELEVATION**  
SCALE 1:30



2.1m x 0.6m PVC Door  
with complete accessories

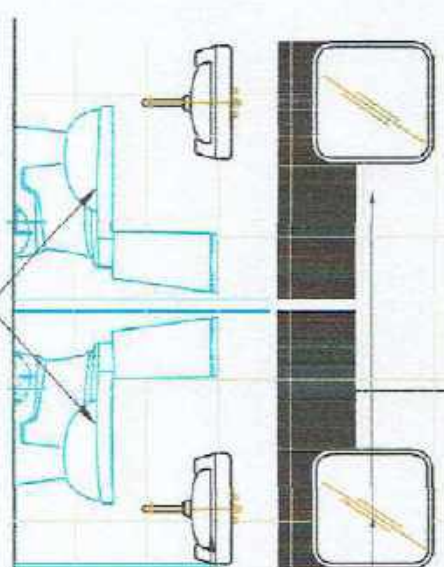
**CEILING LINE**



FLOOR MOUNTED, ROUND  
WATER CLOSET WITH SLOW/  
SOFT CLOSE SEAT COVER, FRONT  
LEVER, FLOOR DRAIN DISCHARGE,  
CLOSE-COUPLED TOILET AND

**SECTION "A-A"**  
SCALE 1:30

**CEILING LINE**



FLOOR MOUNTED, ROUND  
WATER CLOSET WITH SLOW/  
SOFT CLOSE SEAT COVER, FRONT  
LEVER, FLOOR DRAIN DISCHARGE,  
CLOSE-COUPLED TOILET AND

**SECTION "B-B"**  
SCALE 1:30

PROVIDE 450mm x 370mm  
X3/4" THK COLOR BLACK  
GRANITE SLAB AND RECTANGULAR  
LAVATORY WITH P-TRAP,  
FLEXIBLE HOSE AND  
COMPLETE ACCESSORIES

FLOOR MOUNTED, ROUND  
WATER CLOSET WITH SLOW/  
SOFT CLOSE SEAT COVER, FRONT  
LEVER, FLOOR DRAIN DISCHARGE,  
CLOSE-COUPLED TOILET AND

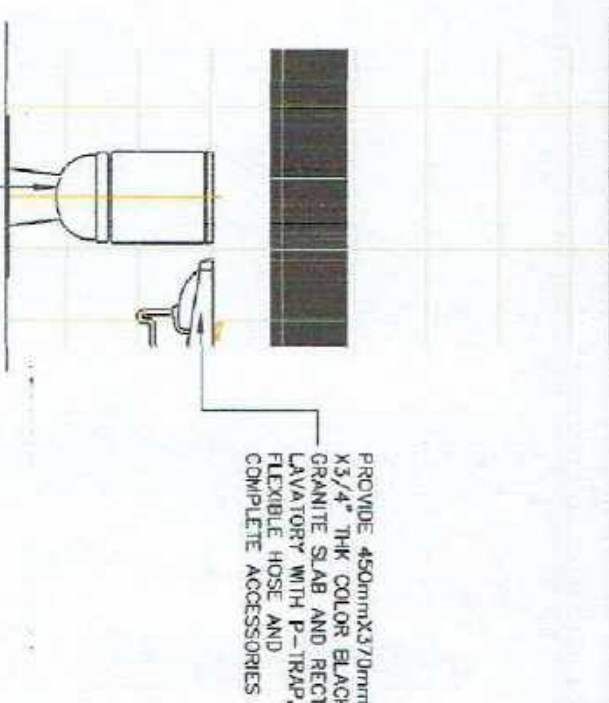
**SECTION "C-C"**  
SCALE 1:30

300mm x 600mm CERAMIC TILES  
COLOR PLAIN SUPER WHITE/BEIGE FOR  
ALL WITH 1 LINE 300mm x 600mm  
CERAMIC TILES COLOR PLAIN BLACK AT  
CENTER AS SHOWN

480mm x 480mm  
BEVELLED  
FRAMELESS FACE  
MIRROR

PROVIDE 450mm x 370mm  
X3/4" THK COLOR BLACK  
GRANITE SLAB AND RECTANGULAR  
LAVATORY WITH P-TRAP,  
FLEXIBLE HOSE AND  
COMPLETE ACCESSORIES

**CEILING LINE**



PROJECT TITLE

ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021

LOCATION

PORT OF GENERAL SANTOS, MAJOR WHARF,  
GENERAL SANTOS CITY

PREPARED BY

JOECARLO SORIANO  
Design Assistant A

CHECKED BY

CHARMAINE DUNE L. MANTOVA  
Senior Designer A

REVIEWED BY

MARIA VIVIAN M. TAMBO  
Principal Engineer A

RECOMMENDED APPROVAL

JANERSON L. SEE  
ED 3000

APPROVED BY

ATTY. CESAR B. BAYANA  
Port Manager

SHEET CONTENT

1. Comfort Room Outside Old  
PPD

DATE

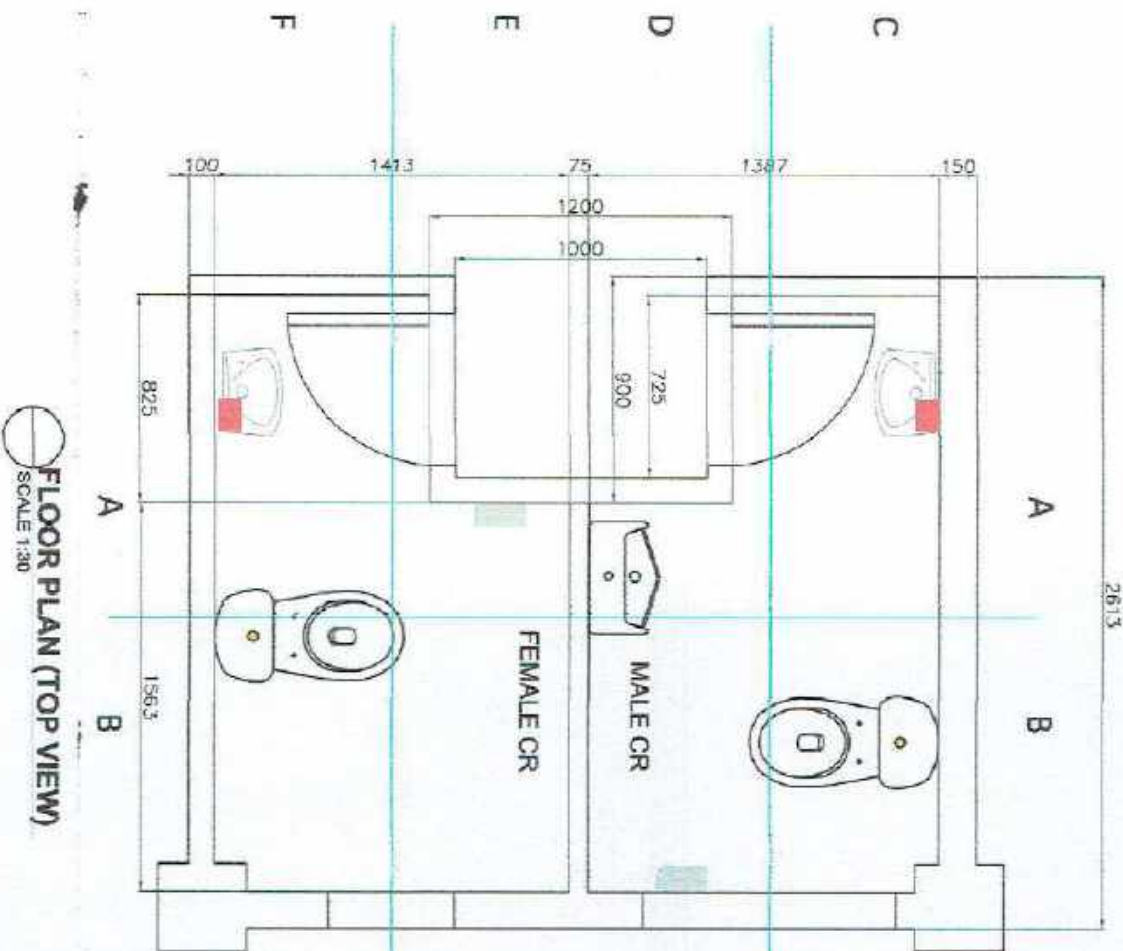
11/17



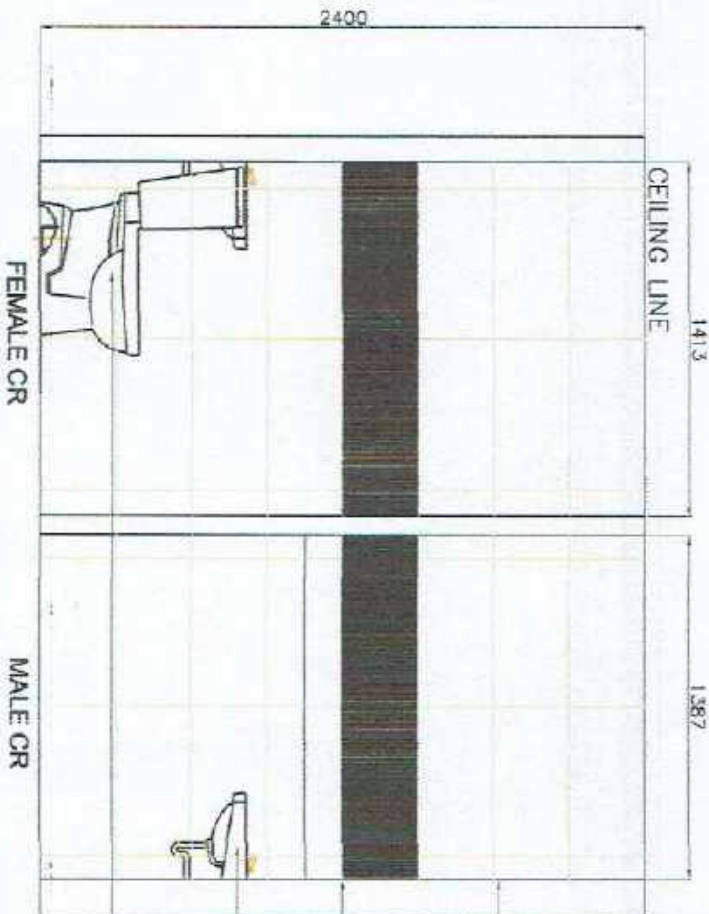


# NOTE AND SPECIFICATION:

1. FLOOR MOUNTED, ROUND WATER CLOSET WITH SLOW/SOFT CLOSE SEAT COVER, FRONT LEVER, FLOOR DRAIN DISCHARGE, CLOSE-COUPLED TOILET AND ROUND FRONT WATER CLOSET, WITH ANTI-BACTERIAL PROTECTION, STAIN RESISTANT, LOW MAINTENANCE, COLOR WHITE WITH COMPLETE ACCESSORIES AND STAINLESS STEEL BIDET
2. -600mm X 600mm DURABLE NON-SKID, WATER AND STAIN RESISTANT HOMOGENEOUS CERAMIC FLOOR TILES, LIGHT TONE COLOR.  
-300mm X 600mm CERAMIC TILES COLOR PLAIN SUPER WHITE/BEIGE FOR ALL WITH 1 LINE 300mm X 600mm CERAMIC TILES COLOR PLAIN BLACK AT CENTER AS SHOWN
3. FLOOR DRAIN TO BE REPLACE AND PROVIDE 480mm X 480mm BEVELLED FRAMELESS FACE MIRROR



## COMFORT ROOM AT NORTH GATE OFFICE (INSIDE)

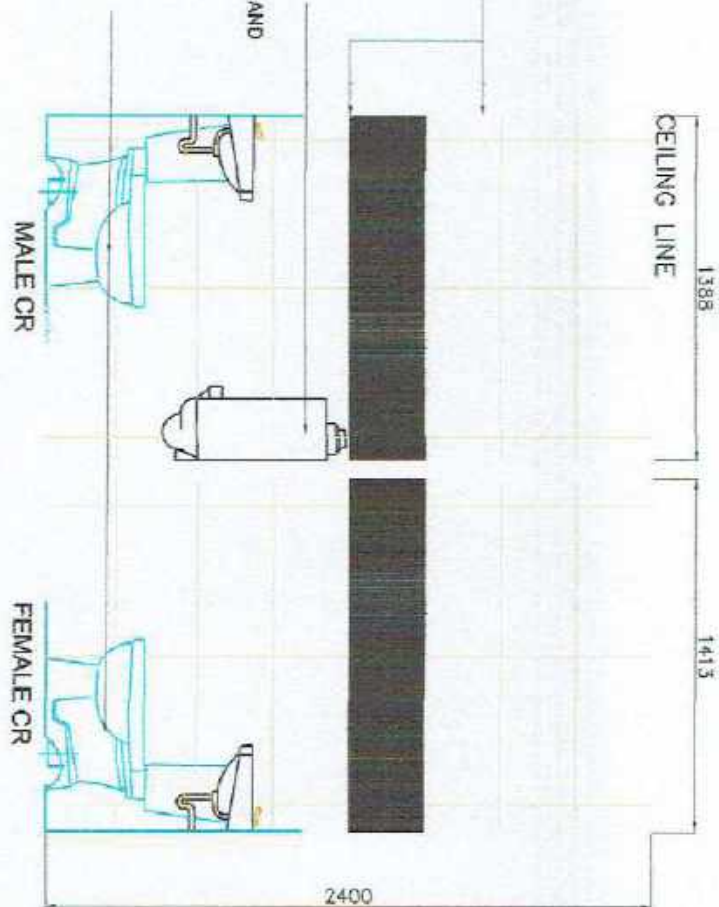


300mm X 600mm CERAMIC TILES COLOR PLAIN SUPER WHITE/BEIGE FOR ALL WITH 1 LINE 300mm X 600mm CERAMIC TILES COLOR PLAIN BLACK AT CENTER AS SHOWN

PROVIDE LAVATORY WITH P-TRAP, WITH COMPLETE ACCESSORIES

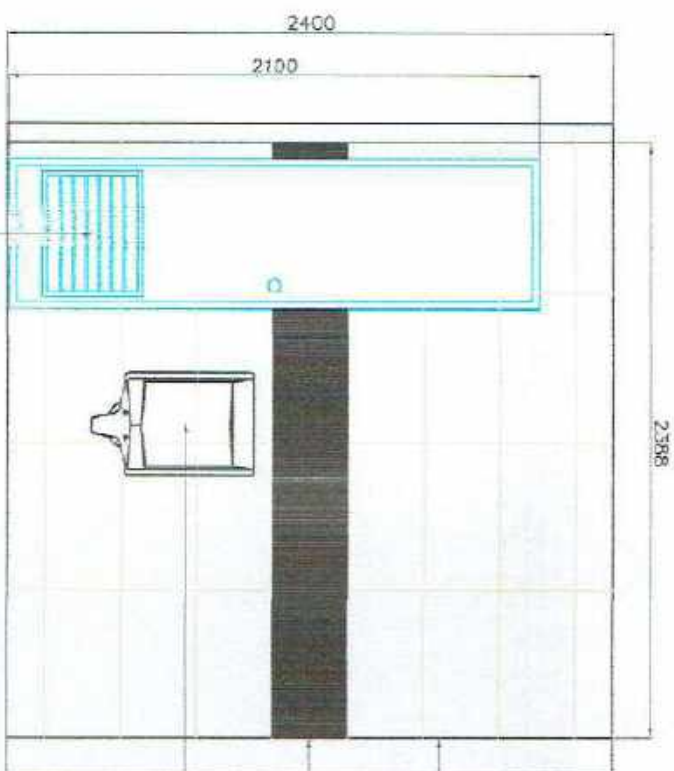
FLOOR MOUNTED, ROUND WATER CLOSET WITH SLOW/SOFT CLOSE SEAT COVER, FRONT LEVER, FLOOR DRAIN DISCHARGE, CLOSE-COUPLED TOILET WITH BIDET

PROVIDE MALE URINAL WITH COMPLETE FITTING ACCESSORIES AND WITH ANTI-BACTERIAL PROTECTION, STAIN RESISTANT AND LOW MAINTENANCE WITH MINIMUM DIMENSION OF 600mm (HEIGHT) AND 300mm (WIDTH) AND 300mm (DEPTH). MAXIMUM HEIGHT OF URINALS FROM THE FLOOR TO THE LOWEST FIXTURE MOUTH SHOULD BE 400mm



	<b>PROJECT TITLE</b> ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021  <b>LOCATION</b> PORT OF GENERAL SANTOS, MAKAR WHARF, GENERAL SANTOS CITY	<b>PREPARED BY</b> JOSEPH D. SORIANO ENGINEERING ASSISTANT A	<b>CHECKED BY</b> CHARMAINE D. LAMANTOYA SENIOR ENGINEER A	<b>REVISED BY</b> MARIA VIVIAN M. VINCICO PROJECT ENGINEER A	<b>RECOMMENDED APPROVAL</b> JAMES S. LEE SENIOR ENGINEER	<b>APPROVED BY</b> ATTY. CESA B. BAYAYA PORT MANAGER	<b>SHEET CONTENT</b> 1. Comfort Room inside Old PPD  <b>DATE</b> 12/17
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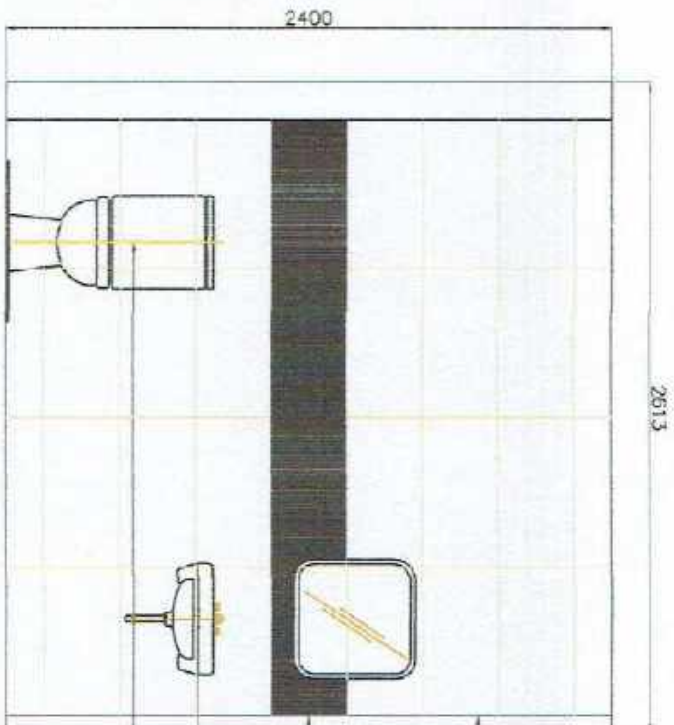


2.1m x 0.6m PVC Door  
with complete accessories

SECTION "C - C"  
SCALE 1:30

300mm X 600mm CERAMIC TILES COLOR PLAIN  
SUPER WHITE/BEIGE FOR ALL WITH 1 LINE  
300mm X 600mm CERAMIC TILES COLOR PLAIN  
BLACK AT CENTER AS SHOWN

PROVIDE MALE URINAL WITH COMPLETE FITTING  
ACCESSORIES AND WITH ANTI-BACTERIAL  
PROTECTION, STAIN RESISTANT AND LOW  
MAINTENANCE WITH MINIMUM DIMENSION OF  
600mm (HEIGHT) AND 300mm (WIDTH) AND  
300mm (DEPTH). MAXIMUM HEIGHT OF URINALS  
FROM THE FLOOR TO THE LOWEST FIXTURE MOUTH  
SHOULD BE 400MM

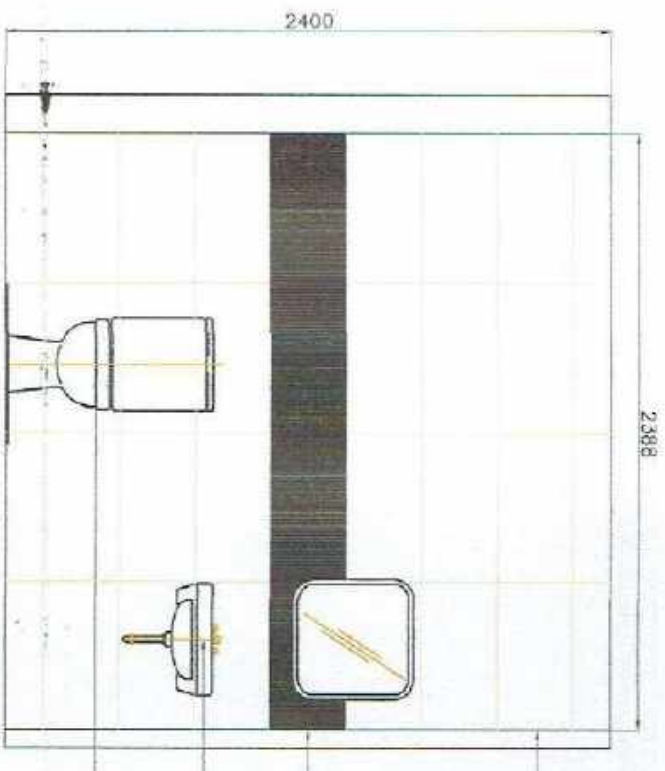


SECTION "D - D"  
SCALE 1:30

300mm X 600mm CERAMIC TILES  
COLOR PLAIN SUPER WHITE/BEIGE FOR  
ALL WITH 1 LINE 300mm X 600mm  
CERAMIC TILES COLOR PLAIN BLACK AT  
CENTER AS SHOWN

PROVIDE LAVATORY WITH P-TRAP,  
WITH COMPLETE ACCESSORIES

FLOOR MOUNTED, ROUND WATER CLOSET  
WITH SLOW/SOFT CLOSE SEAT COVER,  
FRONT LEVER, FLOOR DRAIN DISCHARGE,  
CLOSE-COUPLED TOILET WITH BIDET

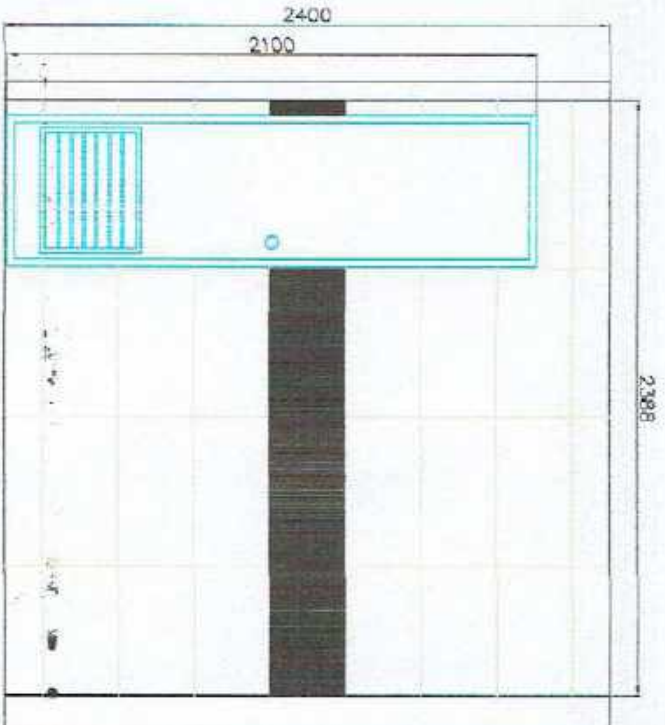


SECTION "E - E"  
SCALE 1:30

300mm X 600mm CERAMIC TILES  
COLOR PLAIN SUPER WHITE/BEIGE FOR  
ALL WITH 1 LINE 300mm X 600mm  
CERAMIC TILES COLOR PLAIN BLACK AT  
CENTER AS SHOWN

PROVIDE LAVATORY WITH P-TRAP,  
WITH COMPLETE ACCESSORIES

FLOOR MOUNTED, ROUND WATER CLOSET  
WITH SLOW/SOFT CLOSE SEAT COVER,  
FRONT LEVER, FLOOR DRAIN DISCHARGE,  
CLOSE-COUPLED TOILET WITH BIDET



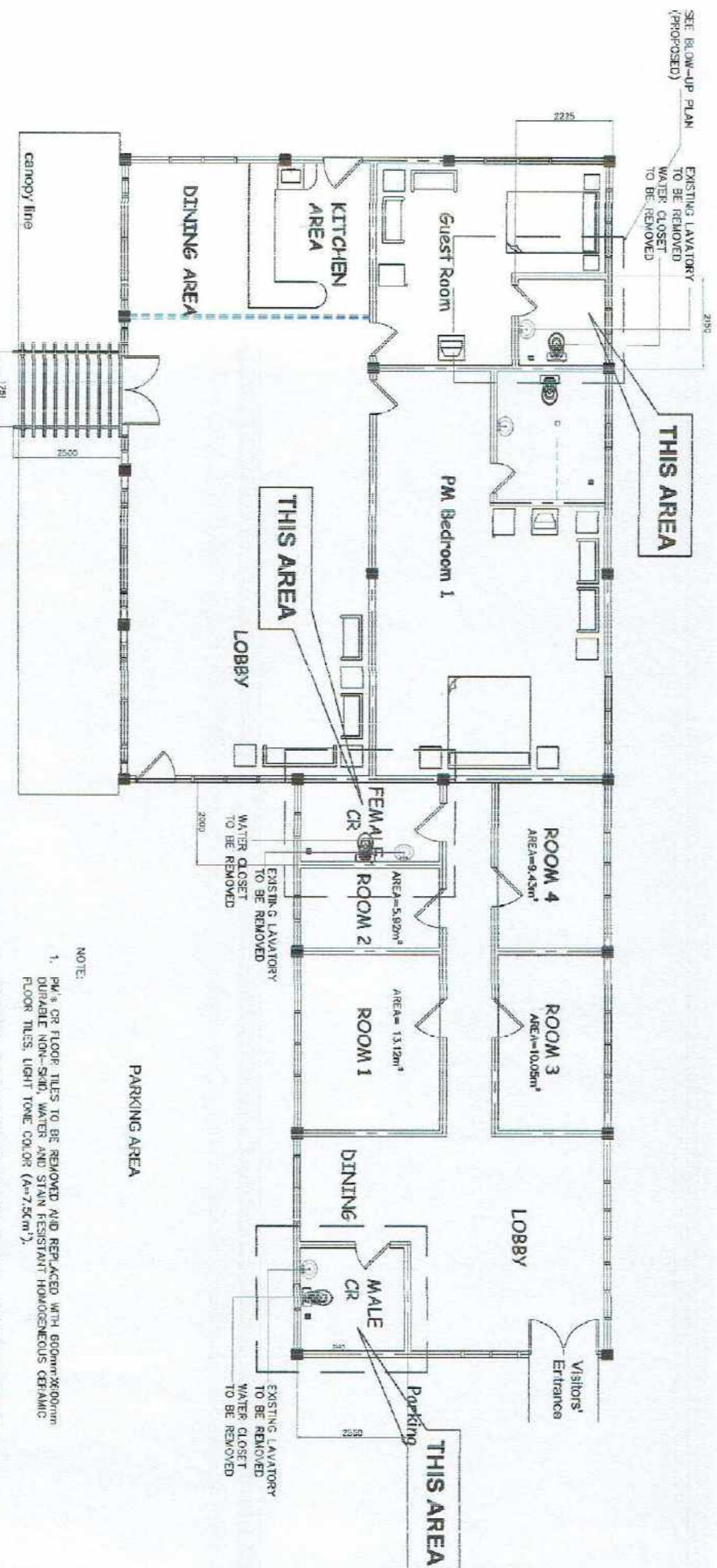
SECTION "F - F"  
SCALE 1:30

2.1m x 0.6m PVC Door  
with complete accessories

COMFORT ROOM AT NORTH GATE OFFICE (INSIDE)

	<b>PROJECT TITLE</b> ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021  <b>LOCATION</b> PORT OF GENERAL SANTOS, MAJOR WHARF, GENERAL SANTOS CITY	<b>PREPARED BY</b>  JOE G. SORIANO ENGINEERING ASSISTANT A	<b>CHECKED BY</b>  CHARMAINE D. LIM SENIOR ENGINEER A	<b>REVIEWED BY</b>  MARIA VIVIEN M. MANCO Principal Engineer A	<b>RECOMMENDING APPROVAL</b>  JAMES LEE SC Manager	<b>APPROVED BY</b>  ATTY. CESAR D. MANZANO Port Manager	<b>SHEET CONTENT</b> 1. Comfort Room inside Old PPD  <b>DATE:</b> 13/17
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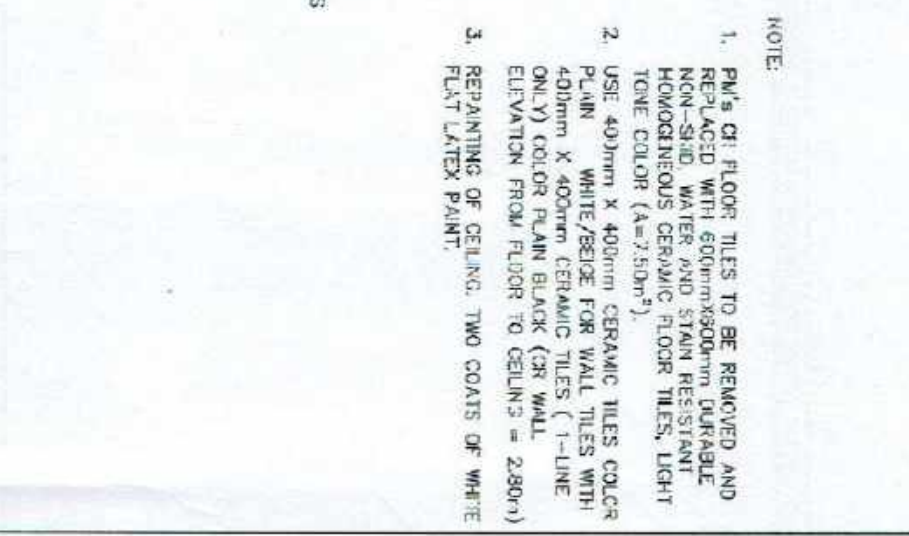
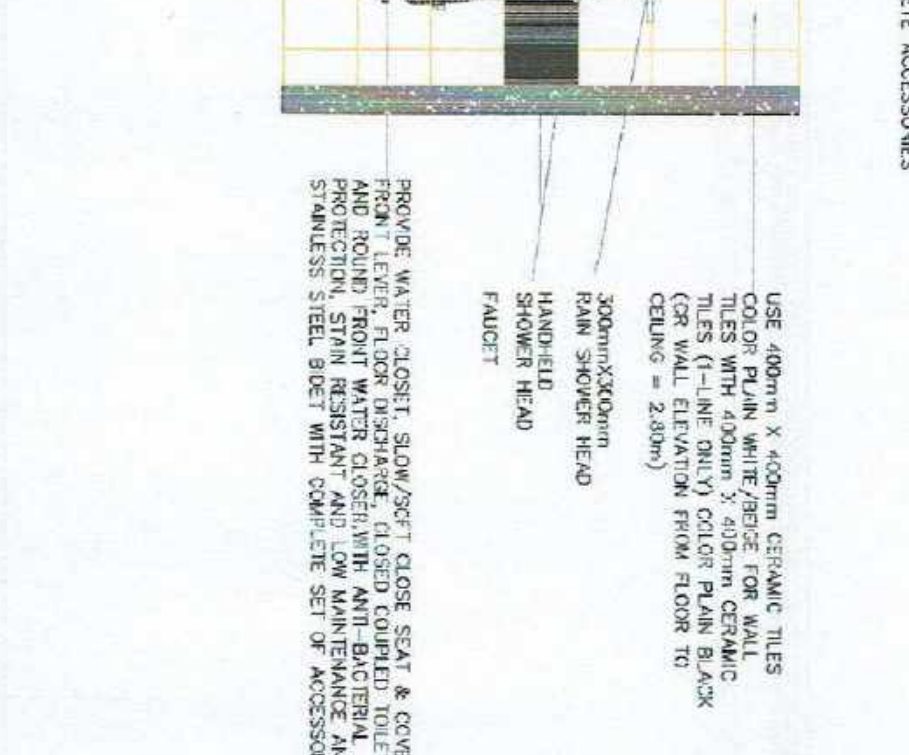
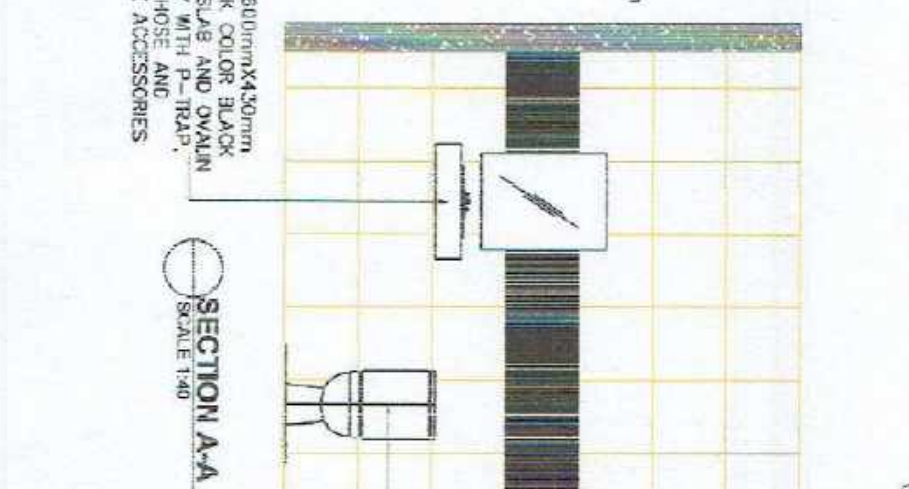
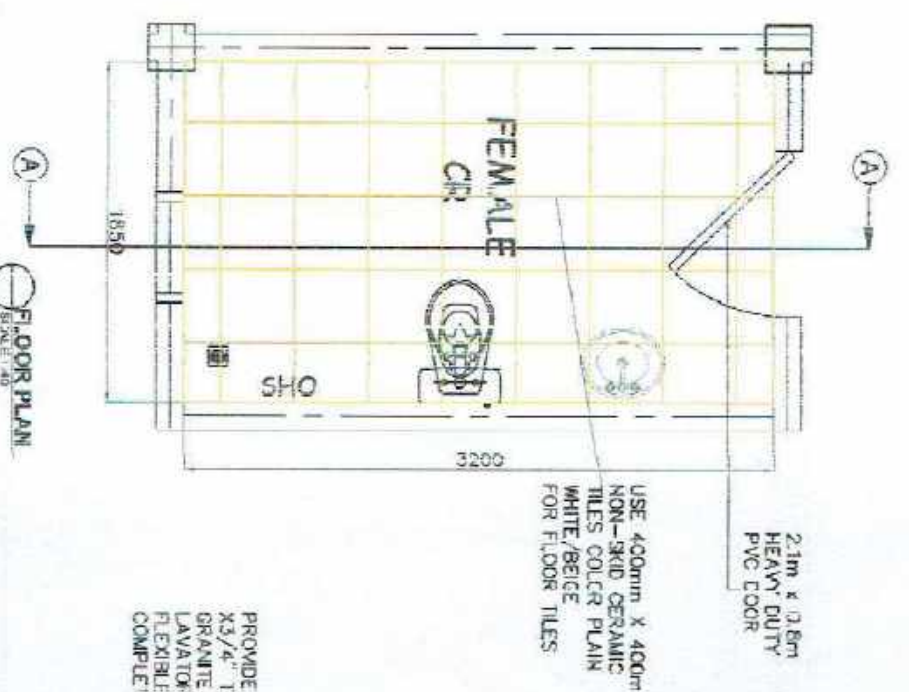
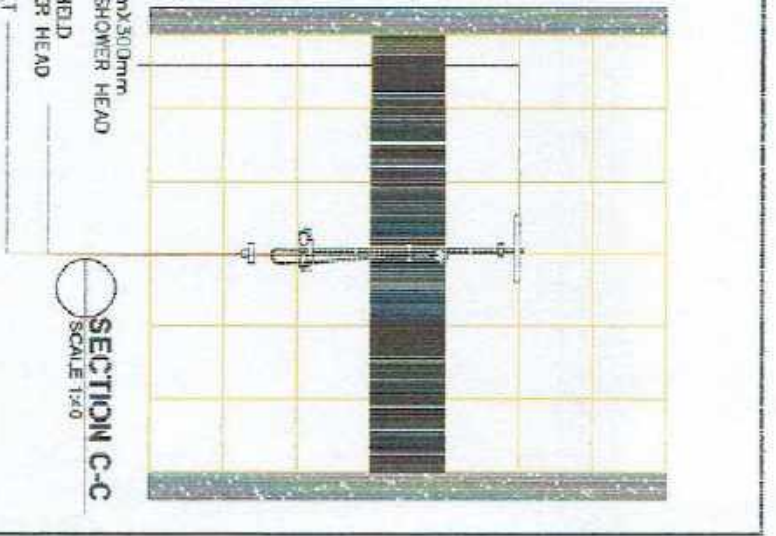
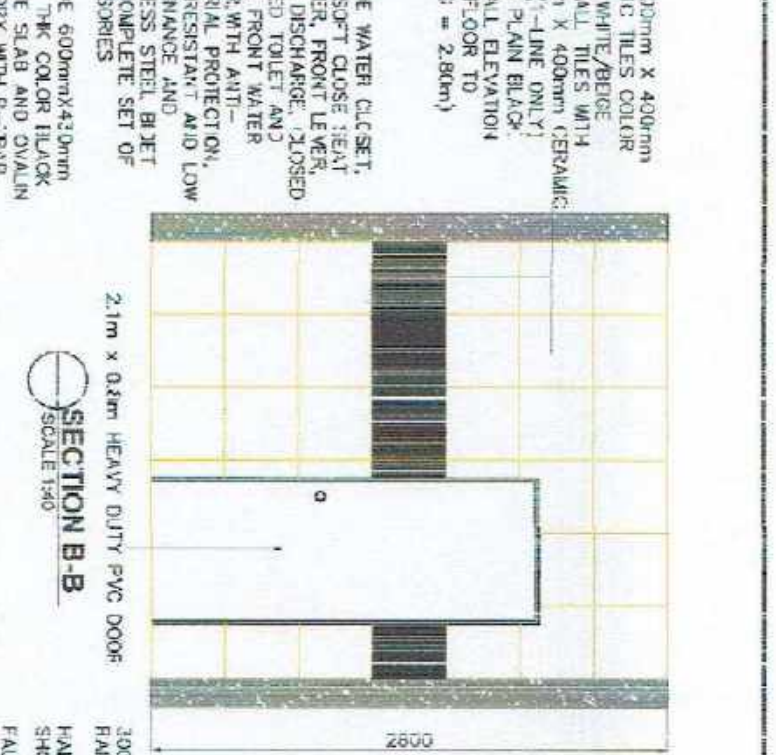
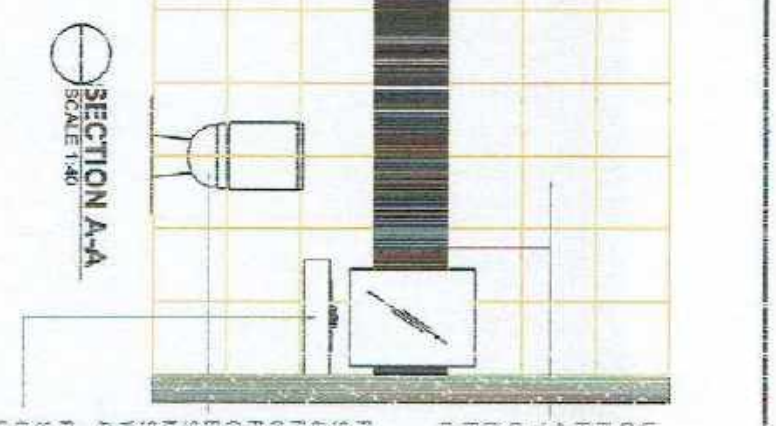
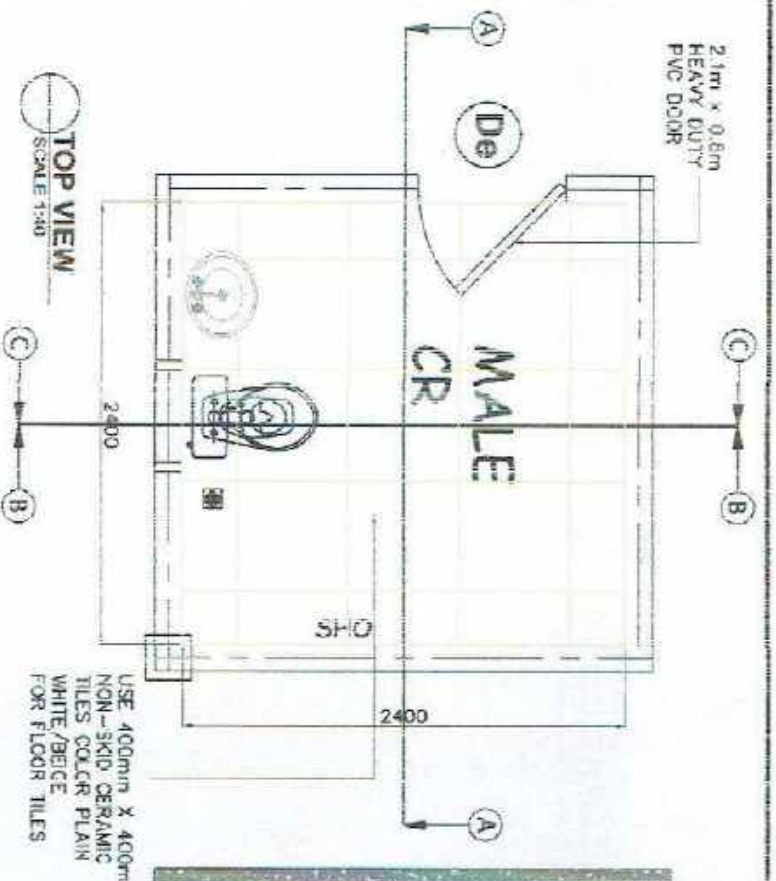
# NOTE:

1. PM's CR FLOOR TILES TO BE REMOVED AND REPLACED WITH 600mmx600mm DURABLE NON-SKID, WATER AND STAIN RESISTANT HOMOGENEOUS CERAMIC FLOOR TILES, LIGHT TONE COLOR (A=7.50m<sup>2</sup>).
2. USE 400mm X 400mm CERAMIC TILES COLOR PLAIN WHITE/BEIGE FOR WALL TILES WITH 400mm X 400mm CERAMIC TILES (1-LINE ONLY) COLOR PLAIN BLACK (OR WALL ELEVATION FROM FLOOR TO CEILING = 2.80m)
3. Repainting of Ceiling. Two coats of White Flat Latex Paint.
4. Provide each CR with hot and cold shower with complete set of accessories.
5. Provide each CR with 300x300 ceiling mounted exhaust fan.

## PM's QUARTER LAYOUT SCALE 1:100

PROJECT TITLE	ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021	DESIGNED BY	CHARMINE LUNE	CHECKED BY	MARIA VIVERA	RECOMMENDING APROVAL	JAMESON LEE	APPROVED BY	ATTY. CECILIA	SHEET CONTENT	DATE
LOCATION	PORT OF GENERAL SANTOS, MASAR WHARF, GENERAL SANTOS CITY	APPROVED BY	JOSE CARLOS L. SORIANO	CHECKED BY	CHARMINE LUNE	RECOMMENDING APROVAL	JAMESON LEE	APPROVED BY	ATTY. CECILIA	1. CR for PM's Quarter LAYOUT	14/17





- NOTE:
1. P/Ws CR FLOOR TILES TO BE REMOVED AND REPLACED WITH 600mmx300mm DURABLE NON-SKID WATER AND STAIN RESISTANT HOMOGENEOUS CERAMIC FLOOR TILES, LIGHT TONE COLOR (A=2.50m<sup>2</sup>).
  2. USE 400mm x 400mm CERAMIC TILES COLOR PLAIN WHITE/BEIGE FOR WALL TILES WITH 400mm x 400mm CERAMIC TILES (1-LINE ONLY) COLOR PLAIN BLACK (OR WALL ELEVATION FROM FLOOR TO CEILING = 2.80m).
  3. REPAINTING OF CEILING, TWO COATS OF WHITE FLAT LATEX PAINT.

PROVIDE 600mmx430mm X3/4" THK COLOR BLACK GRANITE SLAB AND OVALIN LAVATORY WITH P-TRAP, FLEXIBLE HOSE AND COMPLETE ACCESSORIES

SECTION A-A  
SCALE 1:30

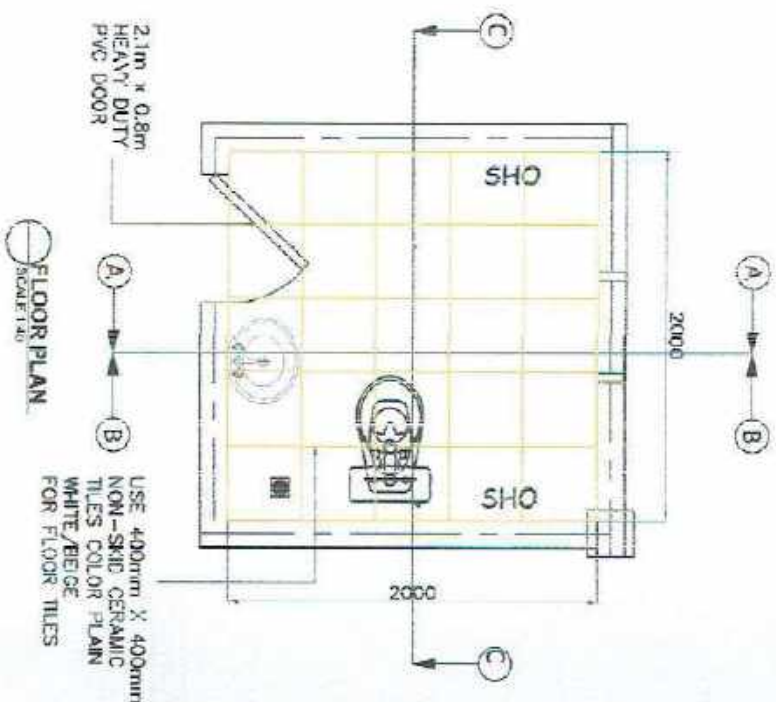
PROVIDE WATER CLOSET, SLOW/SOFT CLOSE SEAT & COVER, FRONT LEVER, FLOOR DISCHARGE, CLOSED COUPLED TOILET AND ROUND FRONT WATER CLOSET WITH ANTI-BACTERIAL PROTECTION, STAIN RESISTANT AND LOW MAINTENANCE AND STAINLESS STEEL BIDET WITH COMPLETE SET OF ACCESSORIES

USE 400mm x 400mm CERAMIC TILES COLOR PLAIN WHITE/BEIGE FOR WALL TILES WITH 400mm x 400mm CERAMIC TILES (1-LINE ONLY) COLOR PLAIN BLACK (OR WALL ELEVATION FROM FLOOR TO CEILING = 2.80m)

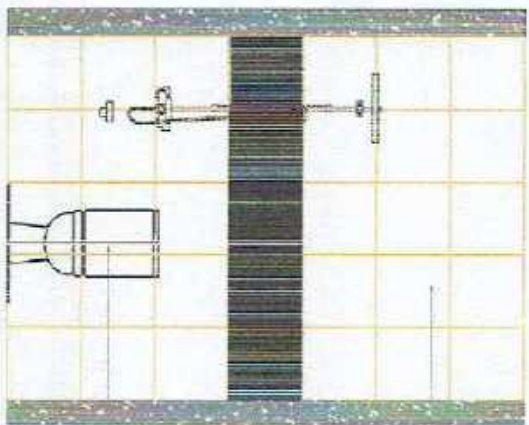
300mmx300mm RAIN SHOWER HEAD  
HANDHELD SHOWER HEAD  
FAUCET

	<b>PROJECT TITLE</b> ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021  <b>LOCATION</b> PORT OF GENERAL SANTOS, MARAKA WHARF, GENERAL SANTOS CITY	<b>PREPARED BY</b> JOE CARMO / SORIANO ENGINEERING ASSISTANT A	<b>CHECKED BY</b> CHARMAINE DUMALUAN OYA Senior Engineer	<b>REVIEWED BY</b> MARIA VIVECA M. TAMCO Principal Engineer A	<b>IN CHARGE / SUPERVISOR</b> JAMESON LEE Senior Engineer	<b>AFFIRMED BY</b> ATTY. CESAR M. OYA Principal Engineer	<b>SUBJECT MATTER</b> 1. CR for GUEST HOUSE	<b>DATE</b> 15/1/17
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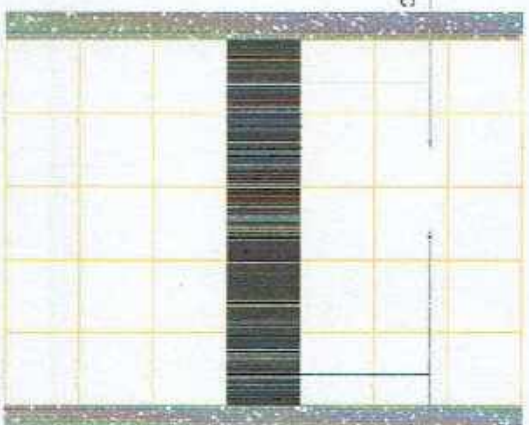
SECTION A-A  
SCALE 1:40



USE 400mm x 400mm CERAMIC TILES COLOR PLAIN WHITE/BEIGE FOR WALL TILES WITH 400mm x 400mm CERAMIC TILES (1-LINE ONLY) COLOR PLAIN BLACK (OR WALL ELEVATION FROM FLOOR TO CEILING = 2.80m)

PROVIDE WATER CLOSET, SLOW/SOFT CLOSE SEAT & COVER, FRONT LEVER, FLOOR DISCHARGE, CLOSED COUPLED TOILET AND ROUND FRONT WATER CLOSER WITH ANTI-BACTERIAL PROTECTION, STAIN RESISTANT AND LOW MAINTENANCE AND STAINLESS STEEL BIDET WITH COMPLETE SET OF ACCESSORIES

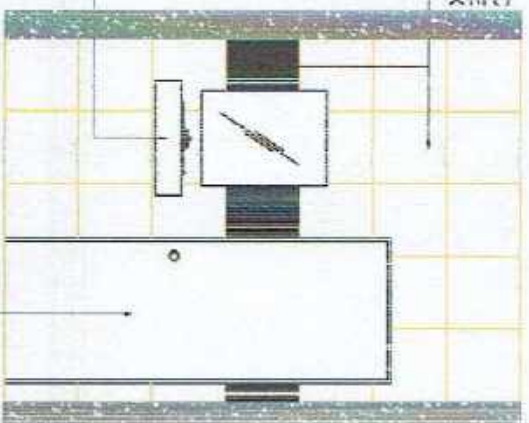
SECTION B-B  
SCALE 1:40



USE 400mm x 400mm CERAMIC TILES COLOR PLAIN WHITE/BEIGE FOR WALL TILES WITH 400mm x 400mm CERAMIC TILES (1-LINE ONLY) COLOR PLAIN BLACK (OR WALL ELEVATION FROM FLOOR TO CEILING = 2.80m)

PROVIDE 600mm x 300mm 3/4" THK COLOR BLACK GRANITE SLAB AND OVAL LAVA TORY WITH P-TRAP, FLEXIBLE HOSE AND COMPLETE ACCESSORIES

SECTION C-C  
SCALE 1:40



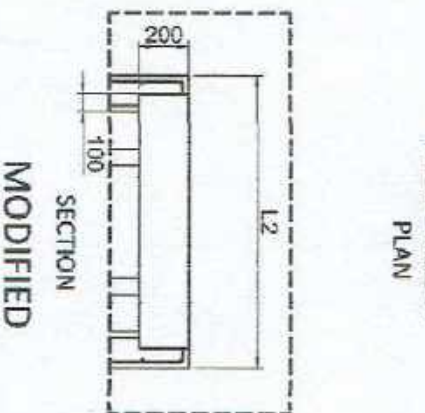
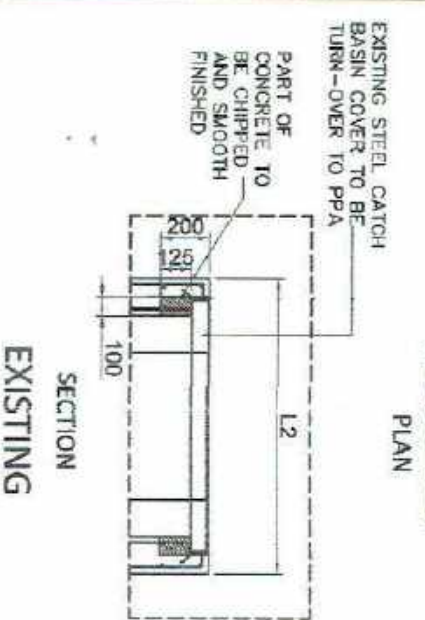
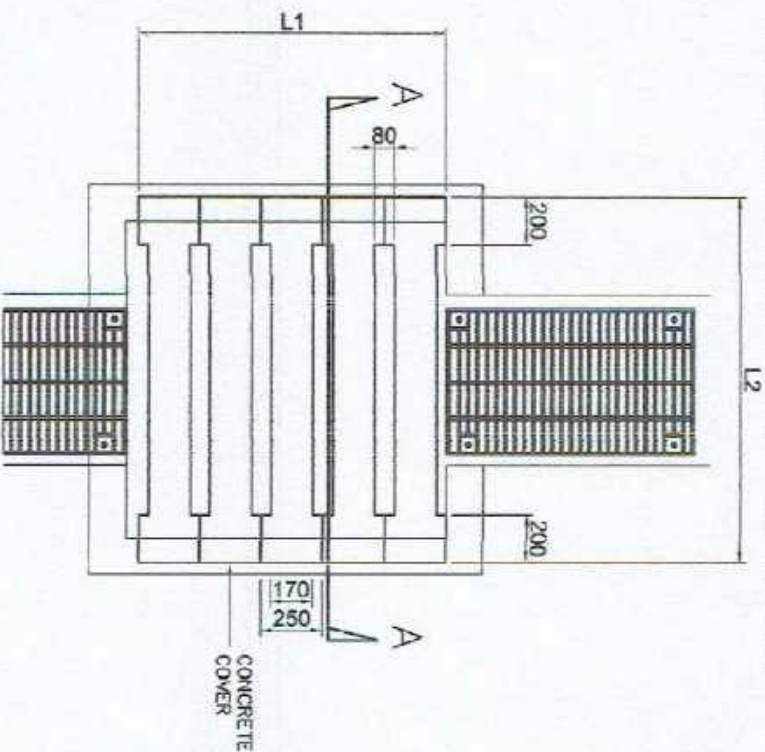
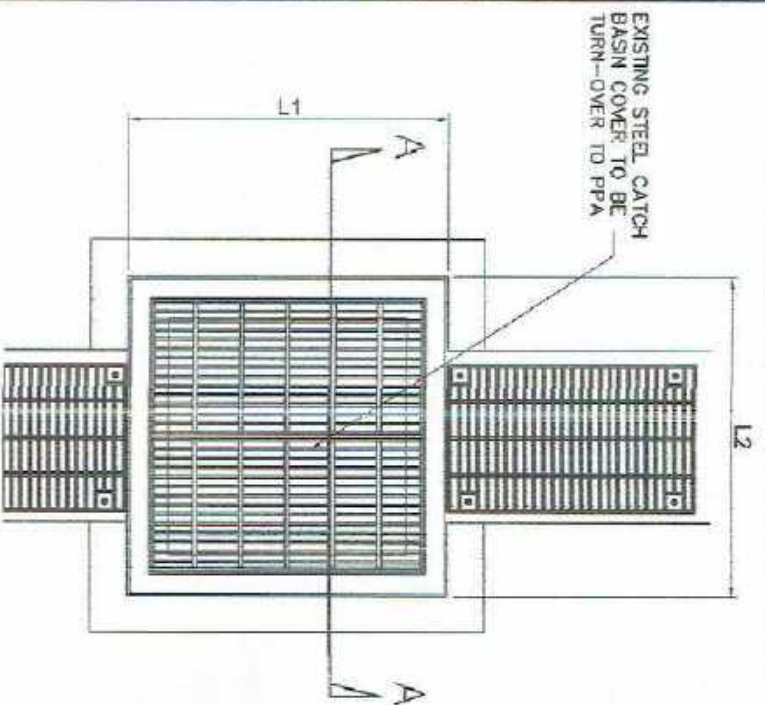
NOTE:

1. PM's CR FLOOR TILES TO BE REMOVED AND REPLACED WITH 600mm x 600mm DURABLE NON-SKID, WATER AND STAIN RESISTANT HOMOGENEOUS CERAMIC FLOOR TILES, LIGHT TONE COLOR (A=7.50m<sup>2</sup>).
2. USE 400mm x 400mm CERAMIC TILES COLOR PLAIN WHITE/BEIGE FOR WALL TILES WITH 400mm x 400mm CERAMIC TILES (1-LINE ONLY) COLOR PLAIN BLACK (OR WALL ELEVATION FROM FLOOR TO CEILING = 2.80m)
3. REPAIRING OF CEILING TWO COATS OF WHITE FLAT LATEX PAINT.

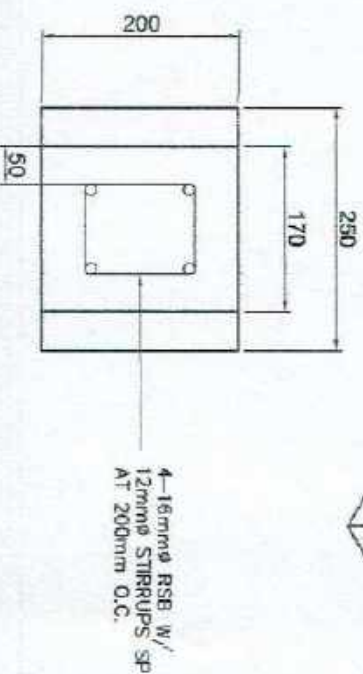
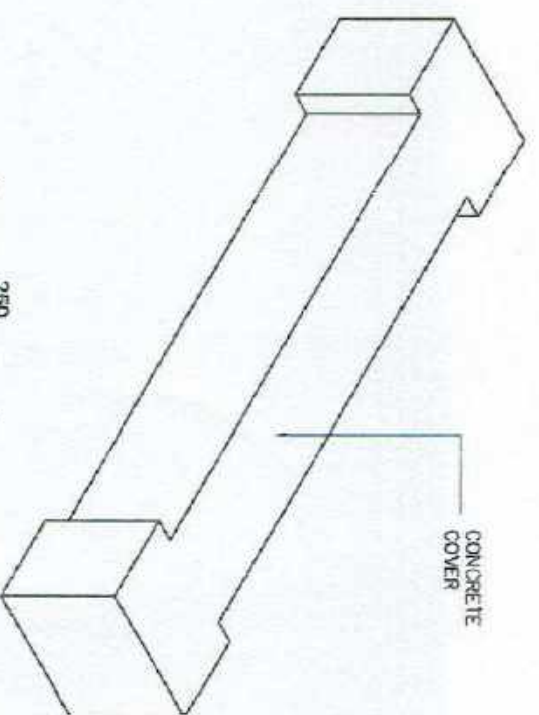
	<b>PROJECT TITLE</b> ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021 <b>LOCATION</b> PORT OF GENERAL SANTOS, MAKAN WHARF, GENERAL SANTOS CITY	<b>PREPARED BY:</b>  JORDAN L. SORIANO ENGINEERING ASSISTANT 1	<b>CHECKED BY:</b>  CHARMINE L. MANAOYA SENIOR ENGINEER	<b>APPROVED BY:</b>  MARIA VIVIAN L. TANCO ENGINEER	<b>REVIEWED BY:</b>  JAMESON LEE ENGINEER	<b>APPROVED BY:</b>  ALTY DESA PORTMANAGER	<b>SHEET COUNT:</b> 1. (1R for PM's Quarter)	<b>DATE:</b> 16/17
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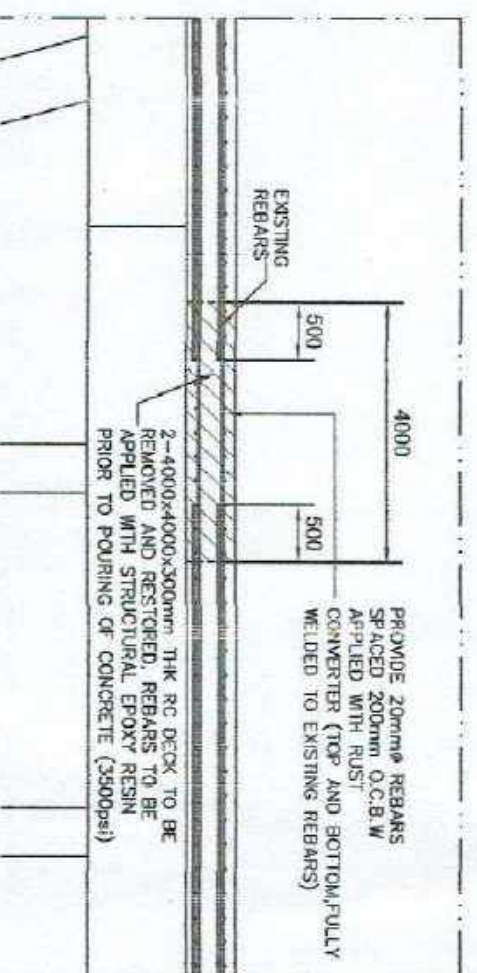
CATCH BASIN SCHEDULE				
NO.	UNIT	L1 (mm)	L2 (mm)	LOCATION
1	1	1300	1300	CY 1 - NEAR TS2 AND TS3
2	3	1200	1100	CY 4 - NEAR HIGHMAST TOWER
3	1	1200	1100	NEAR NEWLY CONSTRUCTED WHARF
4	1	1200	1200	NEAR WAREHOUSE/WESTERN WHARF (EXISTING CONCRETE COVER)
5	1	1300	1300	WESTERN WHARF (BERTH 2)



**CATCH BASIN COVER DETAIL**  
SCALE 1:30



**CONCRETE COVER DETAIL**  
SCALE 1:15



**PORTION OF RC DECK SECTION DETAIL (WESTERN WHARF)**  
SCALE 1:50



PROJECT TITLE  
ROUTINE MAINTENANCE OF PORT PHYSICAL FACILITIES PROJECT 2021  
LOCATION  
PORT OF GENERAL SANTOS, MAKAR WHARF,  
GENERAL SANTOS CITY

DESIGNED BY  
JOSEPH R. SORIANO  
ENGINEERING ASSISTANT A

CHECKED BY  
CHARMAINE DUNE MANTOYA  
SENIOR ENGINEER A

REVIEWED BY  
MARIA VIVEN M. TANKO  
PRINCIPAL ENGINEER A

RECOMMENDED BY  
JAMES M. TEE  
ENGINEER

APPROVED BY  
ATTY. CESAR A. PASTOR  
PORT MANAGER

SHEET COUNT  
1. CONCRETE COVER DETAIL  
2. CATCH BASIN COVER DETAIL  
3. PORTION OF RC DECK SECTION DETAIL

DATE  
17/117