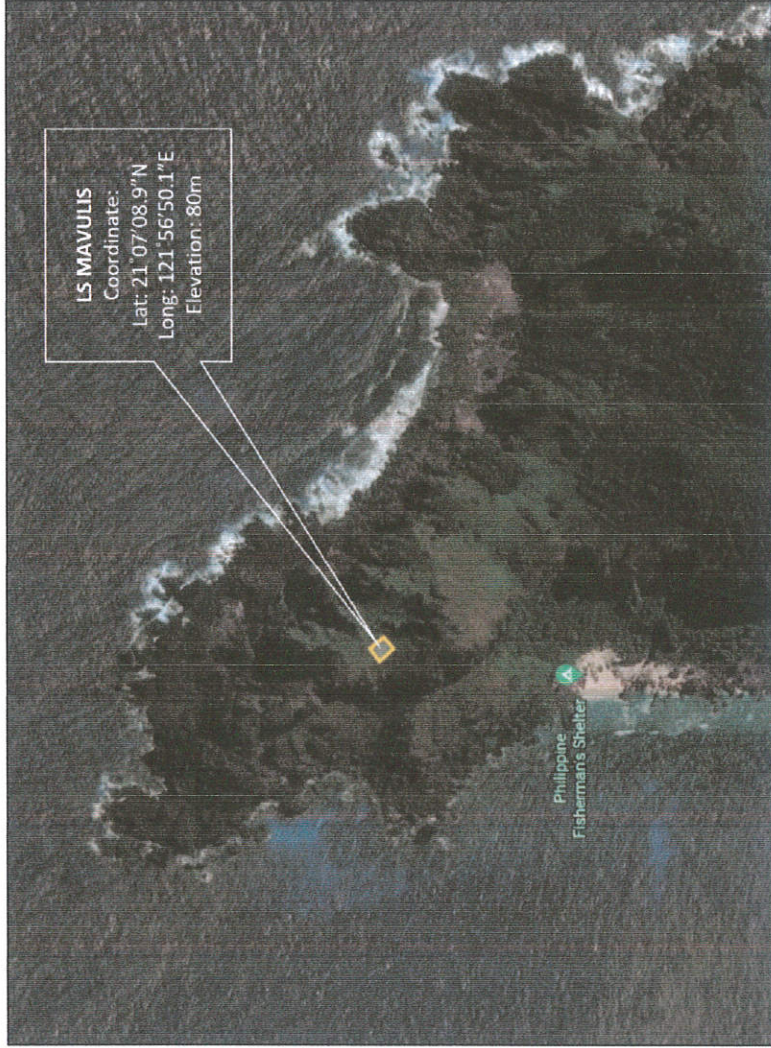
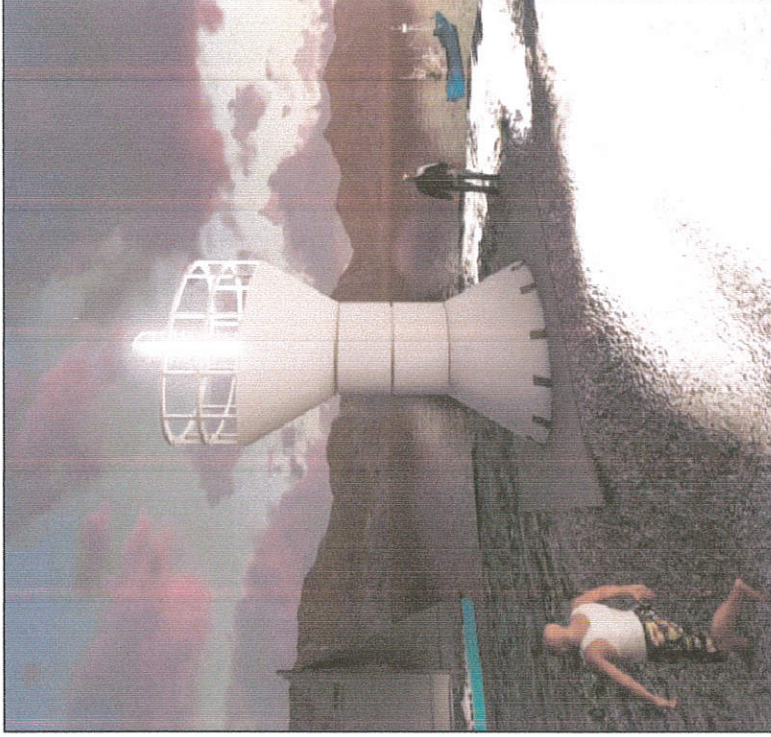
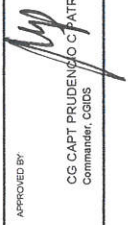




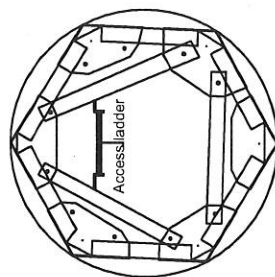
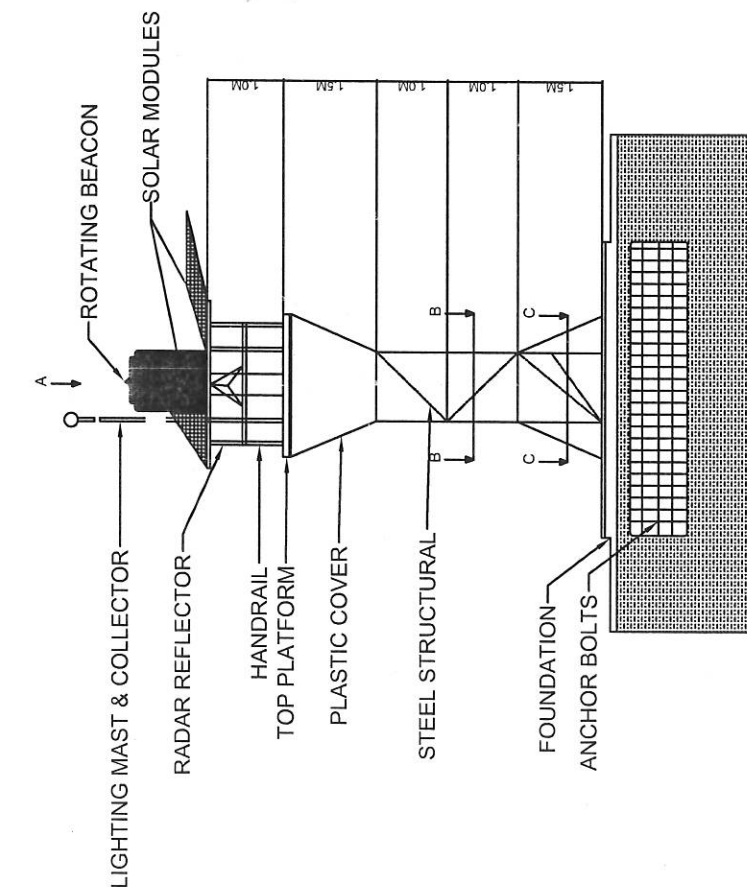
SITE DEVELOPMENT PLAN



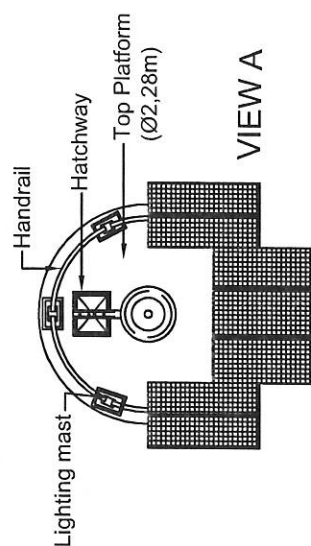
PERSPECTIVE

 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 128 25TH ST. PORT AREA MANILA		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAVULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: YAMI MAVULIS ISLAND, ITABAYAT, BATANES OWNER: PHILIPPINE COAST GUARD				SHEET NO	
PREPARED BY CG POCBATANES B LOPATAY POC CIVIL & STRUCTURAL BRANCH		CHECKED BY  CG ENS EDUARDO J. CORTES Head, Port Infrastructure Evaluation		RECOMMENDED BY  CG CAPT RAY GABRIEL C. GAMALLO Deputy Commander, CGOBS		APPROVED BY  CG CAPT PRUDENSO C. PATRICIO JR. (GSC) Commander, CGOBS	
REVISION DATE							
COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE							

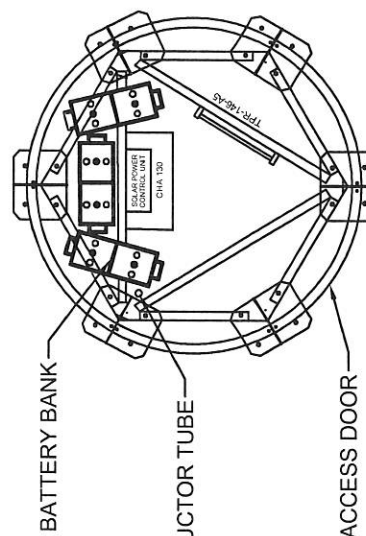
5 Meters LS		
Height		5000mm
Base Diameter		2000mm
Tower Diameter		1200mm
Foundation Bolt PCD		1850mm
Number of Modules / Section		4



SECTION B-B'



VIEW A

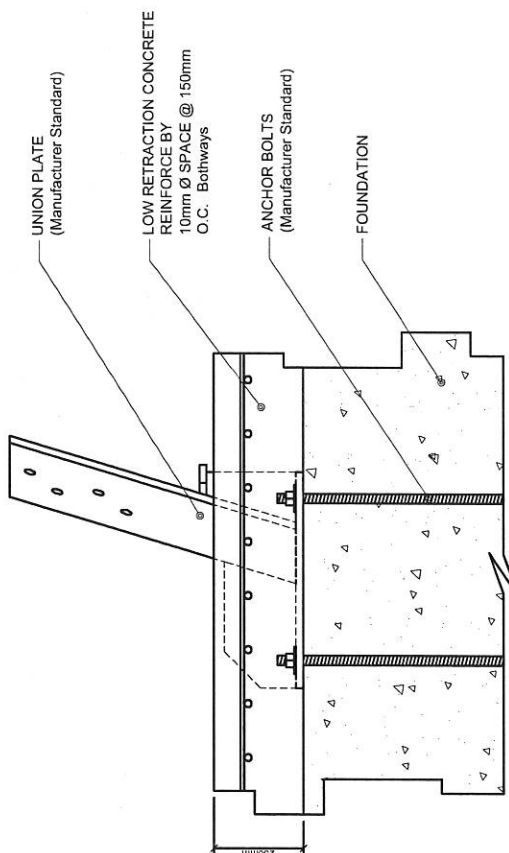


SECTION C-C'

GENERAL DRAWING

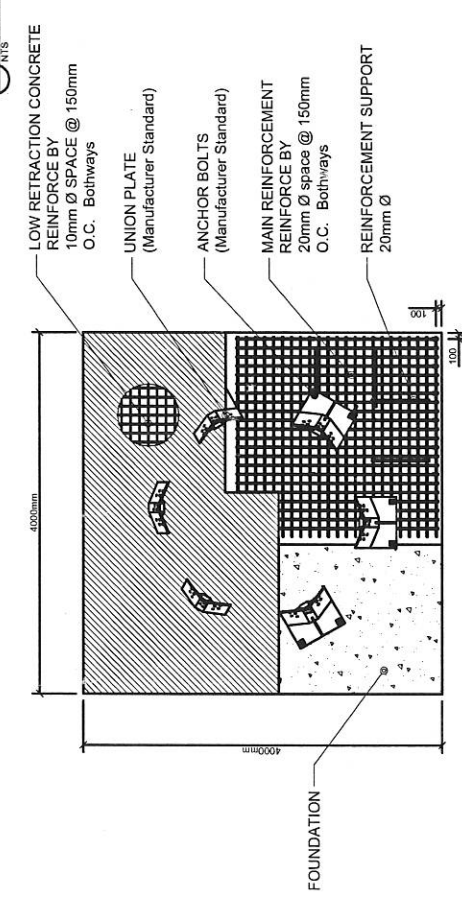
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 PHILIPPINE COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE	PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAYULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY LOCATION : MAYULIS, BATAI, BATAINES OWNER : PHILIPPINE COAST GUARD		APPROVED BY: CG CAPT PRUDENCIO C. PATRICIO JR. (GSCC) Commander, CGIDS		SHEET NO.
	PREPARED BY HEADQUARTERS PHILIPPINE COAST GUARD 150 25TH ST. PORT AREA MAYULIS	CHECKED BY: CG ENS ERIC ARDO J. CORTES Head, Project Performance and Evaluation Division Command, CGIDS	RECOMMENDED BY: CG CDPT MAY GARNERICO CAMALLO Division Command, CGIDS	APPROVED BY:	
	REVISION	DATE	RECOMMENDED BY:		



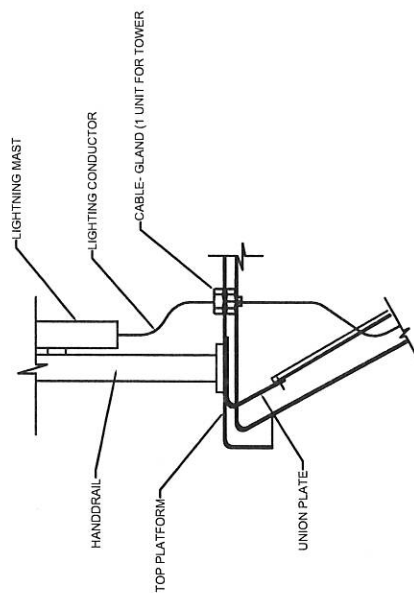
FOUNDATION DTL SECTION

UNION PLATE CONNECTION DTL

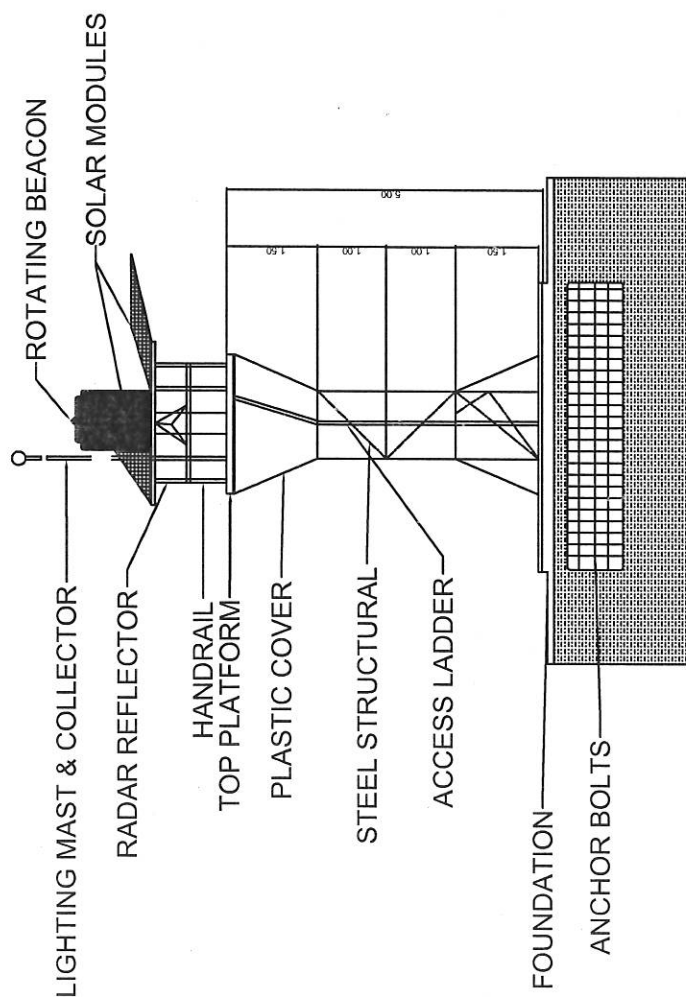


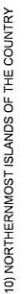
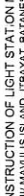
FOUNDATION DETAILS

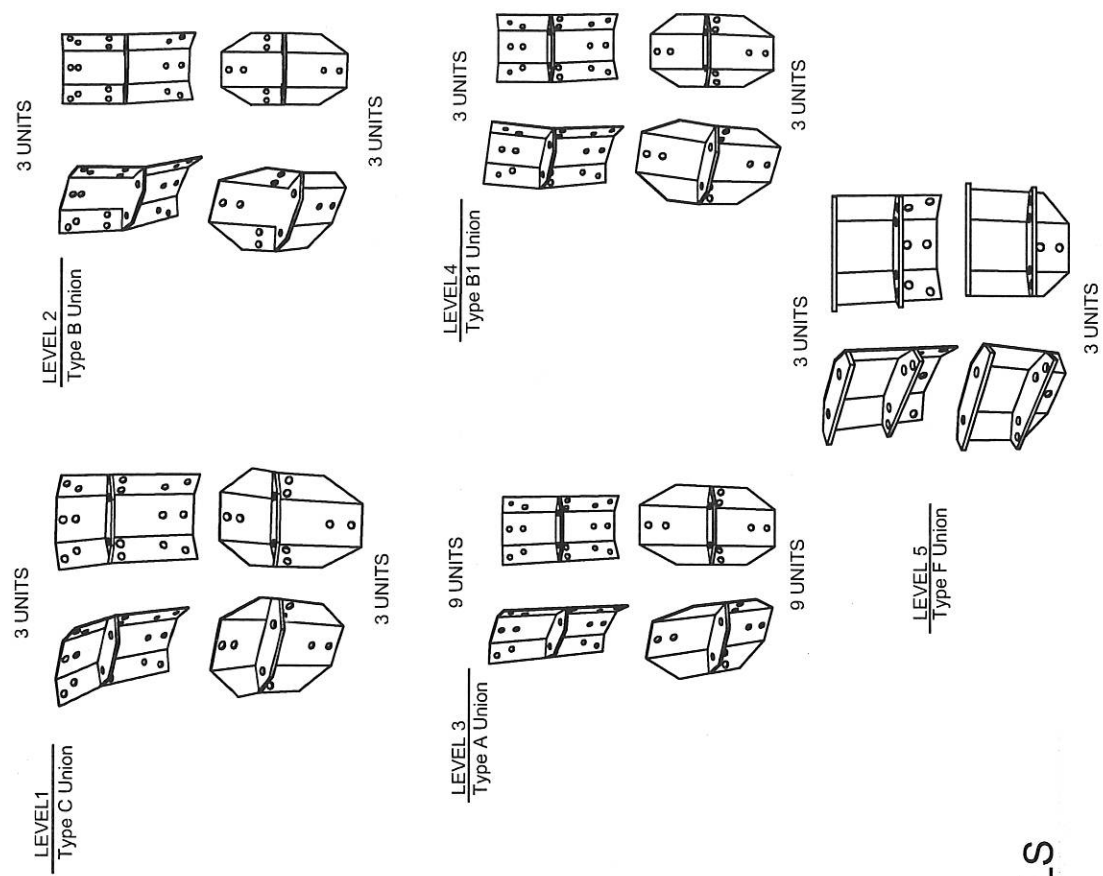
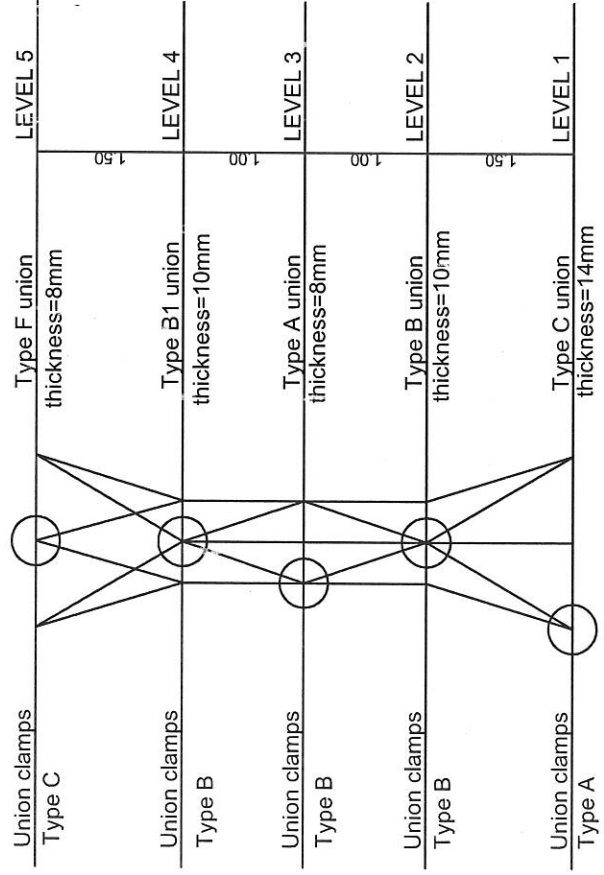
 PHILIPPINE COAST GUARD 139 25TH ST. PORT AREA MANILA		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MANULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION : YAP, SANGAY, BARAT, BARANES OWNER : PHILIPPINE COAST GUARD		SHEET NO.	
PREPARED BY CG PCG POLICIA MARITIMA POLICIA MARITIMA BRANCH	REVISION	CHECKED BY CG PCG POLICIA MARITIMA POLICIA MARITIMA BRANCH	RECOMMENDED BY CG CAPT PRUDENCIO C. PATRICIO JR. Commander, COIDS	APPROVED BY CG CAPT PRUDENCIO C. PATRICIO JR. (SSC) Commander, COIDS	



GROUNDING PROTECTION SYSTEM NTS

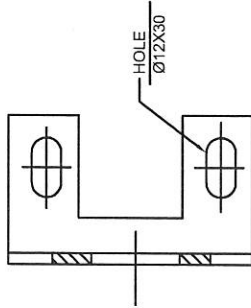
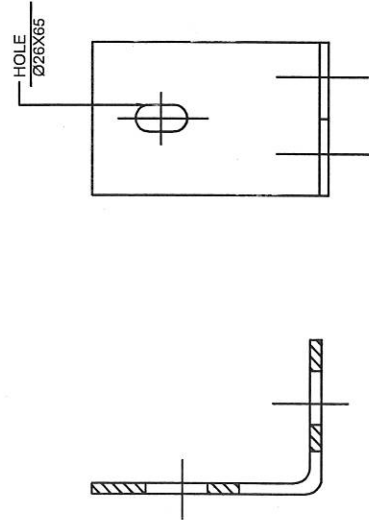


 PHILIPPINE COAST GUARD NAACOMMANTER NG PHILIPPINE COAST GUARD 158 26TH ST. PORT ANGELES MANILA	COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE			CONSTRUCTION OF LIGHT STATION MAVULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY	SHEET NO
	PROJECT TITLE : LOCATION : OWNER :				
	PREPARED BY :				
	REVISION DATE				
CO-CHECKED BY :  CG CDR James B. Lopez POC CIVIL & STRUCTURE BRANCH			RECOMMENDED BY :  CG CDR P. ARNERIO CGAMMALLO CG Commandant, CGOS	APPROVED BY :  CG CAPT PRUDENCIO P. PATRICIO JR (GSC) CG Commandant, CGIDS	

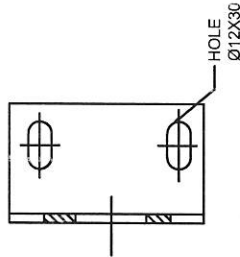
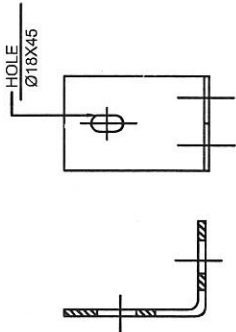


UNION PLATES DETAILS NTS

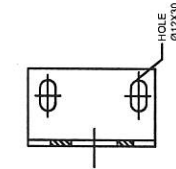
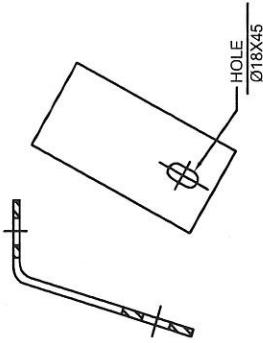
 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 138 35TH ST., PORT AREA MANILA		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAULUS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: YAMI MAULUS ISLAND, ITABAT, BATANES OWNER: PHILIPPINE COAST GUARD	SHEET NO.
PREPARED BY CG PCG-Infra BLDG DIV POC CIVIL & STRUCTURAL BRANCH	CHECKED BY: <i>[Signature]</i> CG ENS EDUARDO J. CORTIZ Head, Project Performance and Evaluation	RECOMMENDED BY: <i>[Signature]</i> CG CAPT RAY GARNET C GAMALLO Deputy Commander, CGIDS	APPROVED BY: <i>[Signature]</i> CG CAPT PRUDENCIO C PATRICIO JR. (GSC) Commander, CGIDS		
REVISION	DATE				



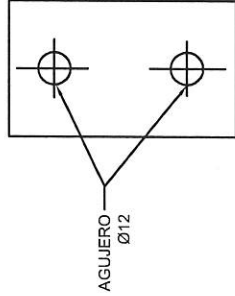
UNION CLAMPS
TYPE A
UNION C-D



UNION CLAMPS
TYPE B
UNION B-A-B1



UNION CLAMPS
TYPE C
UNION F

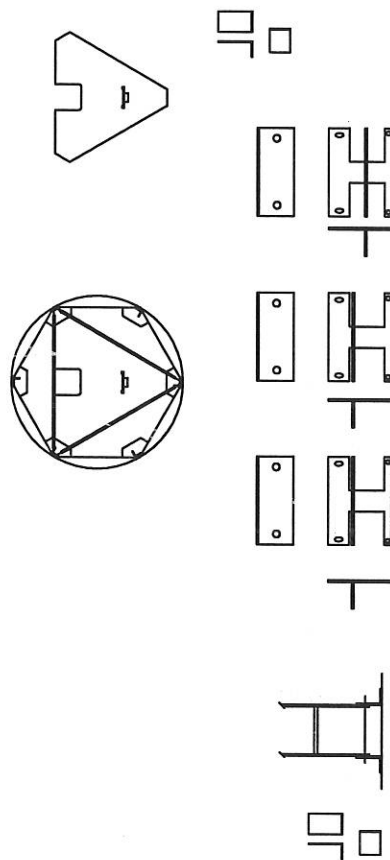
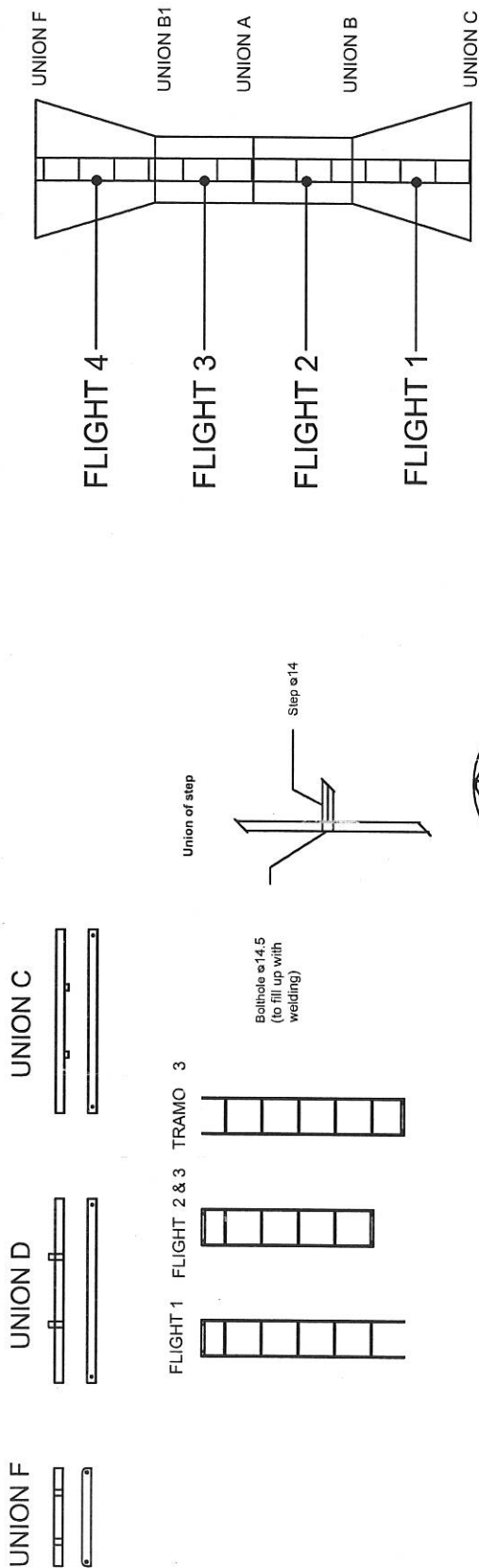


UNION PLATES

GRP- STRUCTURAL UNION CLAMPS(A-B-C)

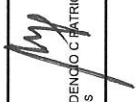
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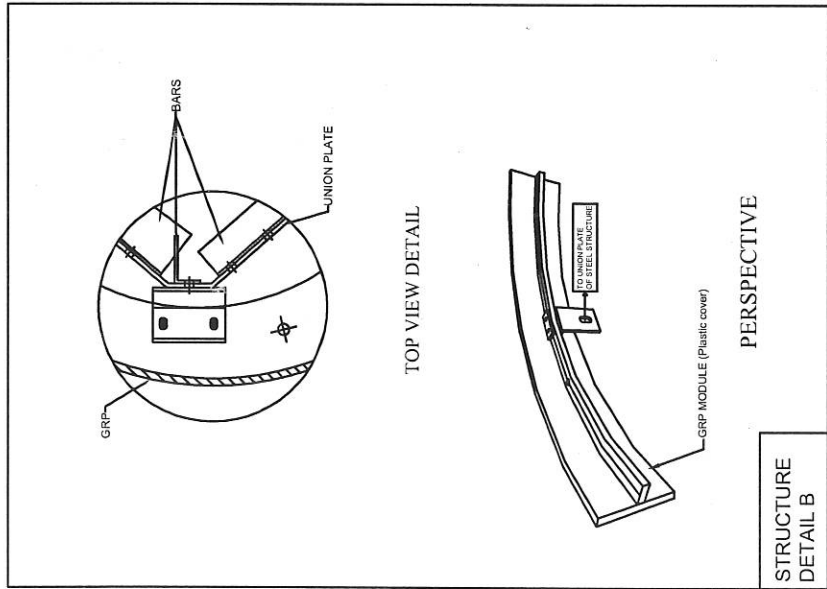
 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 139 25TH ST. PORT AREA MANILA		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAVULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: YAMI MAVULIS ISLAND, ITBAYAT, BATANES OWNER: PHILIPPINE COAST GUARD		SHEET NO.	
PREPARED BY CG PO James B. Lugo POIC & STRUCTURAL BRANCH		CHECKED BY  CG PO James B. Lugo POIC & STRUCTURAL BRANCH		RECOMMENDED BY  CG CDR R. GARNER C. GAWALLO Deputy Commander, CGUS		APPROVED BY  CG CAPT PRUDENCIO C. PATRICIO JR. (GSC) Commander, CGUS	
REVISION		DATE					



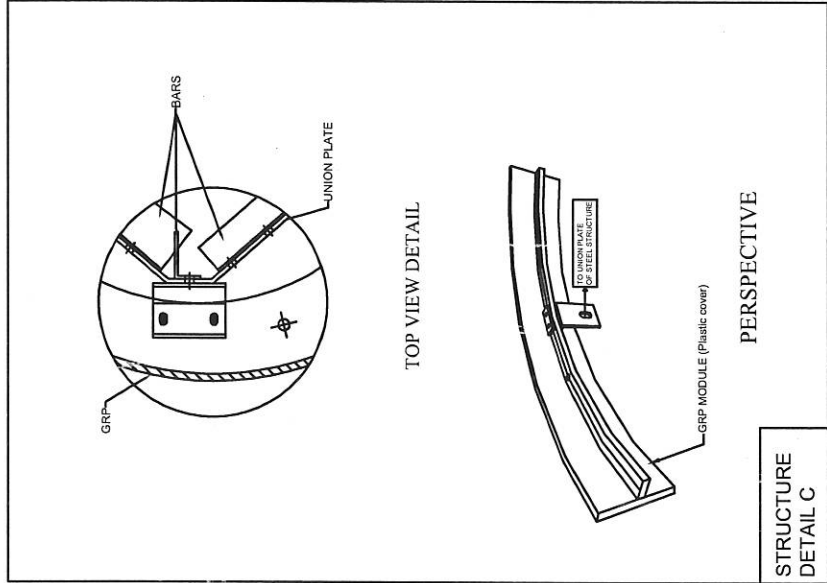
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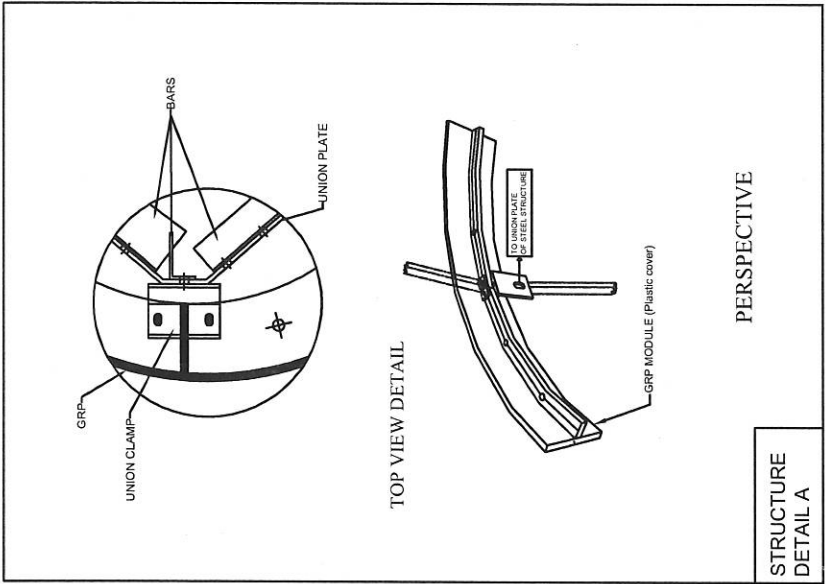
 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 100 SENATE PLAZA, MANILA		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAVULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHT-HOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY	SHEET NO.
LOCATION: YAMI MAVULIS ISLAND, ITBAYAT, BATANES		OWNER: PHILIPPINE COAST GUARD		APPROVED BY:  CG CAPT PRUDENCIO C. PATRICIO JR (GSC) Commander, CGIS	RECOMMENDED BY:  CG DEPTAN GARNET CAMALLO Deputy Commander, CGIS
PREPARED BY: CG POC James B. Loby POIC/CIVIL & STRUCTURAL BRANCH		CHECKED BY:  CG ENGR EDGARDO CORTES Head, Project Estimates and Evaluation			
REVISION:		DATE:			



STRUCTURE
DETAIL B



STRUCTURE
DETAIL C



STRUCTURE
DETAIL A



PHILIPPINE COAST GUARD

1000 SERRA STREET, PORT AREA MANILA
1201 BERT STREET, PORT AREA MANILA

**COAST GUARD INFRASTRUCTURE
DEVELOPMENT SERVICE**

PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAYULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY
LOCATION: YAMI MAYULIS ISLAND, TRAYAT, BATANES
OWNER: PHILIPPINE COAST GUARD

PREPARED BY
CG PORT & INFRASTRUCTURE BRANCH
POIC 001 & STRUCTURAL BRANCH

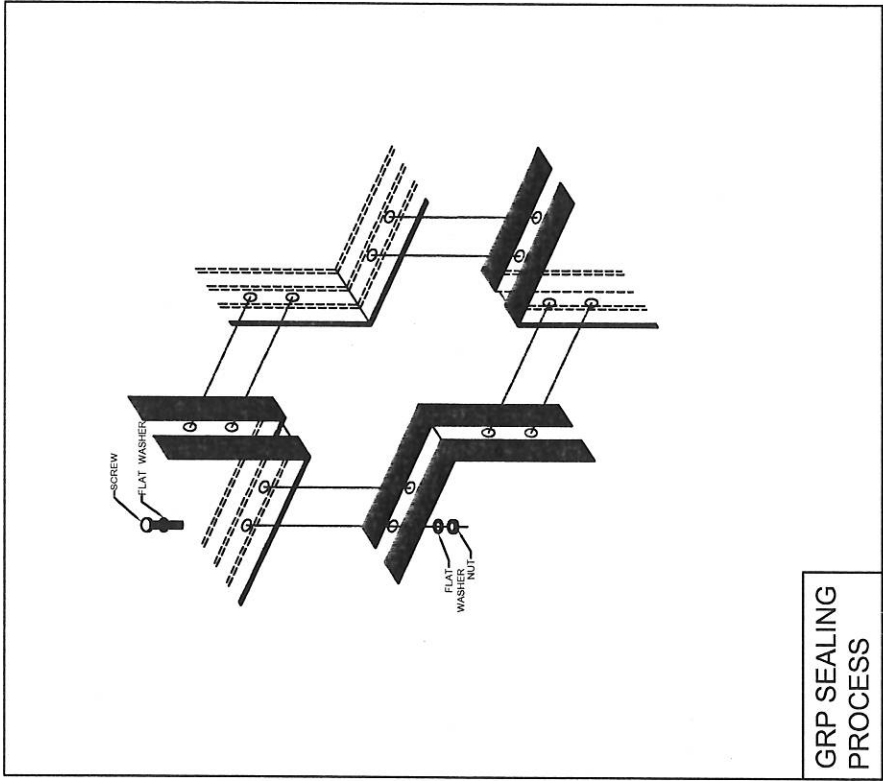
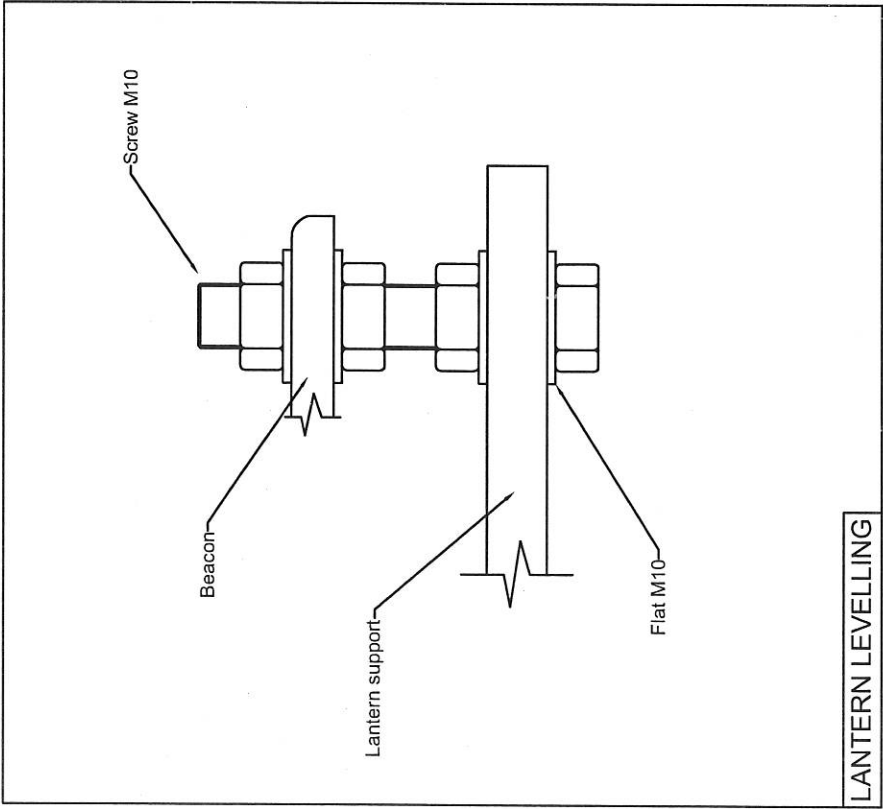
REVISION
DATE

CHECKED BY:
CG ENS EDUARDO B. SORIANO
Head, Project Performance and Evaluation

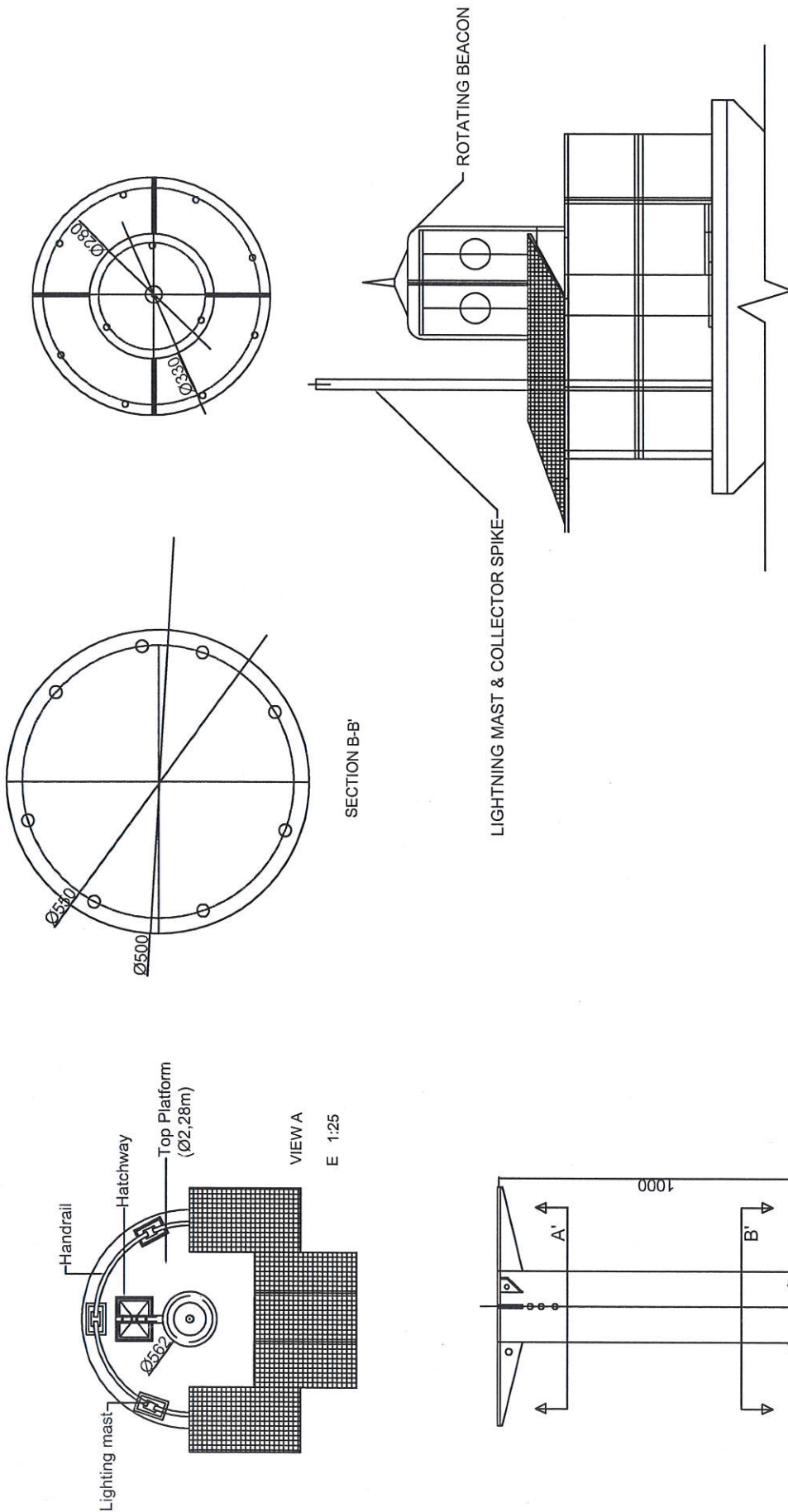
RECOMMENDED BY:
CG CDR RAY GARNETT C. GAMALLO
Deputy Commander, CGIDS

APPROVED BY:
CG CAPT PRUDENCIO C. PATRICIO JR (GSC)
Commander, CGIDS

SHEET NO.



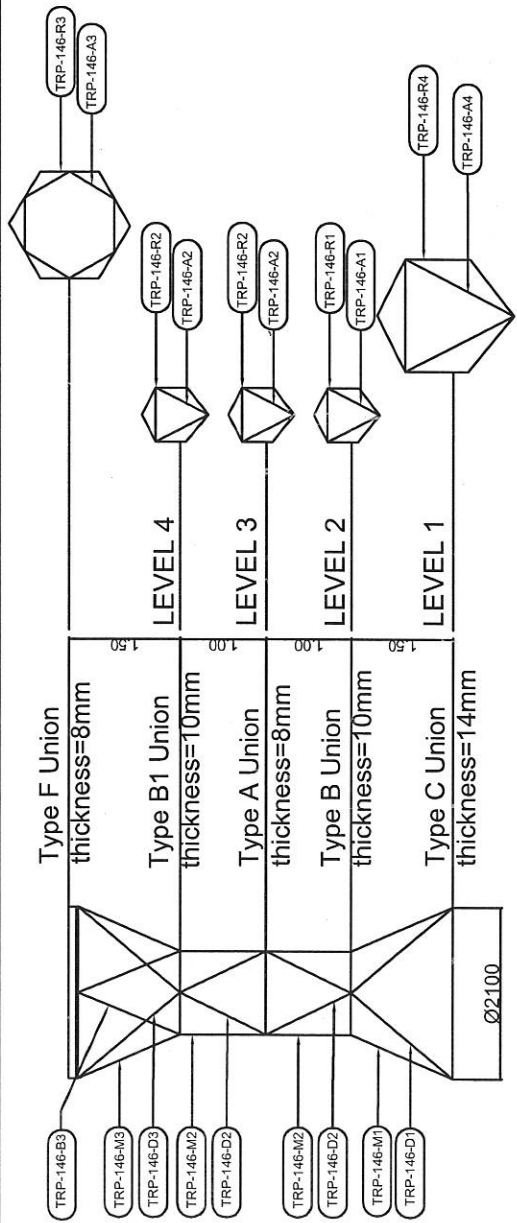
 PHILIPPINE COAST GUARD 130 SOUTH STREET, PORT JENIA, MANILA		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAVULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: YAMI MAVULIS ISLAND, ITABAYAT, BATANES OWNER: PHILIPPINE COAST GUARD		SHEET NO.			
PREPARED BY CG PC3 James B. Long POLICEMAN & STRUCTURAL BRANCH		REVISION		CHECKED BY: CG ENS EDGARDO C. GARCIA Head, Project Performance and Evaluation		RECOMMENDED BY: CG CAPT RAY GARNET C. GAWALLO Deputy Commander, CGIDS		APPROVED BY: CG CAPT PRUDENCIO C. PATRICIO JR. (GSC) Commander, CGIDS	



LANTERN SUPPORT

NTS

 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 130 20TH ST., PORT AREA MANILA		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAVULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY	SHEET NO.
LOCATION: YAMI MAVULIS ISLAND, ITABAYAT, BATANES		OWNER: PHILIPPINE COAST GUARD		APPROVED BY: CG CAPT PRUDENCIO C. PATRICIO JR (GSC) Commander, CGIS	RECOMMENDED BY: CG CAPT RAY GARNET C. GABALLO Deputy Commander, CGIS
PREPARED BY: CG PO3 James B. Lohay		CHECKED BY: CG ENS EDUARDO J. CORTEZ Head, Project Performance and Evaluation		DATE	
REVISION		DATE		DATE	



NAME	SHAPE	QUANTITY	BOLT SIZE	TORQUE(N.M)
TPR-146-R1	L60.5	6	M-16X35	210
TPR-146-A1	L60.5	3	M-16X35	210
TPR-146-M1	L70.6	6	M-20X40	410
TPR-146-D1	L70.6	6	M-20X40	410
TPR-146-R2	L60.5	24	M-16X35	210
TPR-146-A2	L60.5	12	M-16X35	210
TPR-146-M2	L60.5	24	M-16X35	210
TPR-146-D2	L60.5	24	M-16X35	210
TPR-146-R3	2L60.5(T)	6	M-16X35	210
TPR-146-A3	L60.5	6	M-16X35	210
TPR-146-M3	L60.5	6	M-16X35	210
TPR-146-D3	L60.5	6	M-16X35	210
TPR-146-B3	L60.5	3	M-16X40	210
TPR-146-R4	L60.5	12	M-16X35	210
TPR-146-A4	L60.5	6	M-16X35	210

BARS NTS

PHILIPPINE COAST GUARD
HEADQUARTERS PHILIPPINE COAST GUARD
139 BIRTH ST. PORT AREA MANILA

COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE

PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAVULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY

LOCATION: YAMI MAVULIS ISLAND, ITBAYAT, BATANES

PREPARED BY: CG PCG James B. Lohoy
POIC CIVIL & STRUCTURAL BRANCH

REVISION:

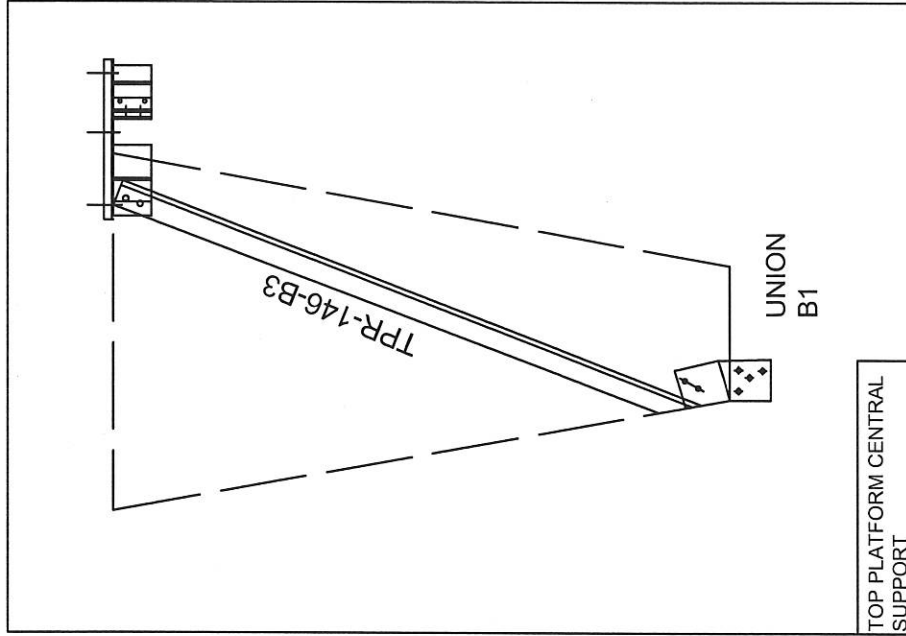
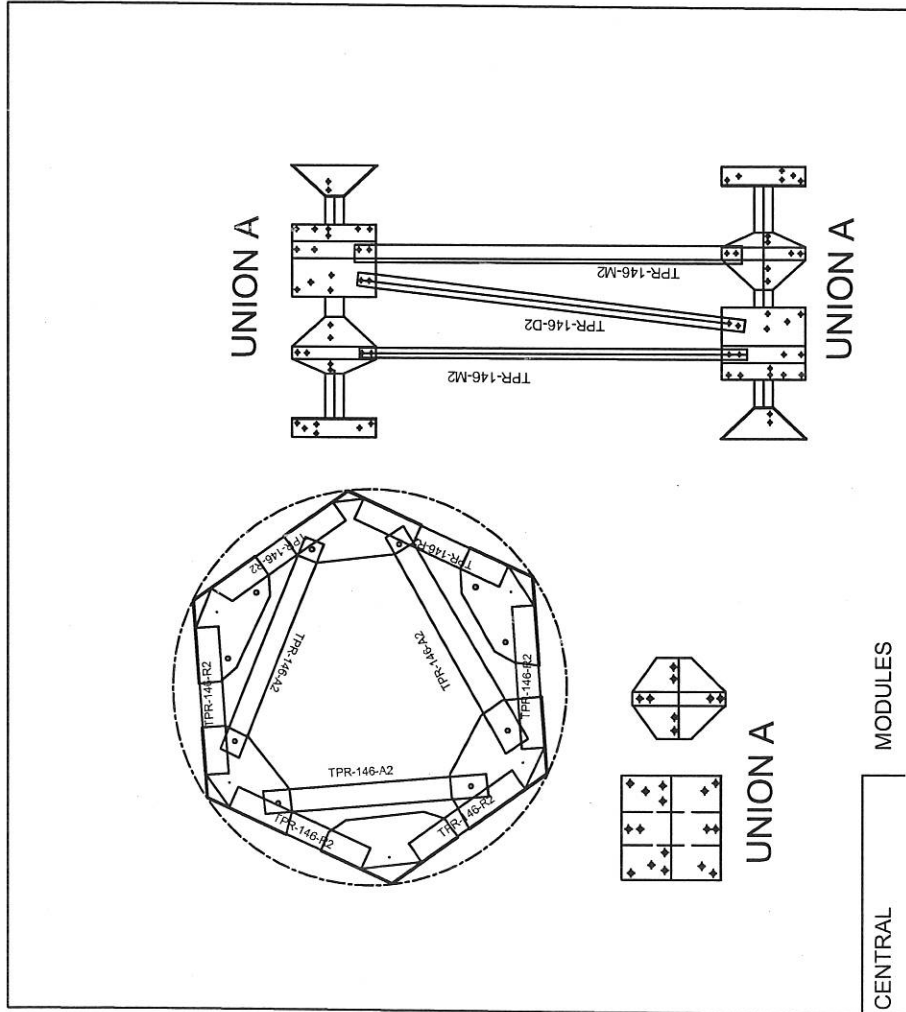
DATE:

CHECKED BY: *[Signature]*
CG PCG James B. Lohoy
POIC CIVIL & STRUCTURAL BRANCH

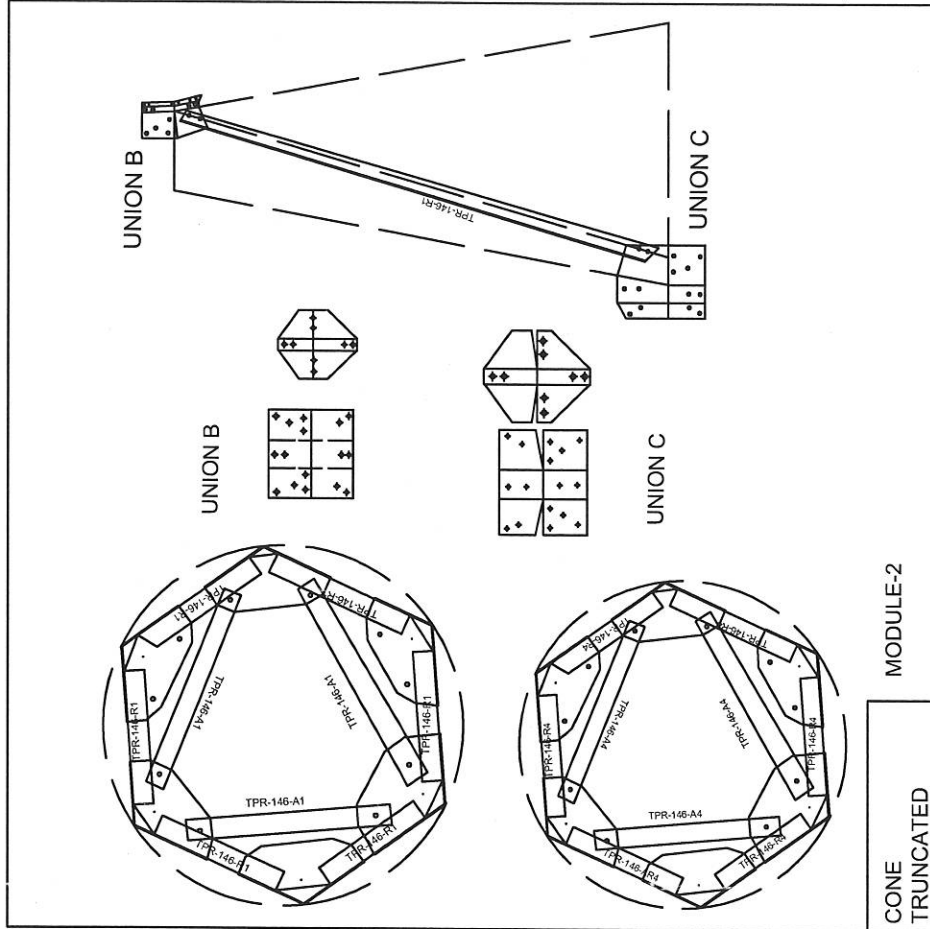
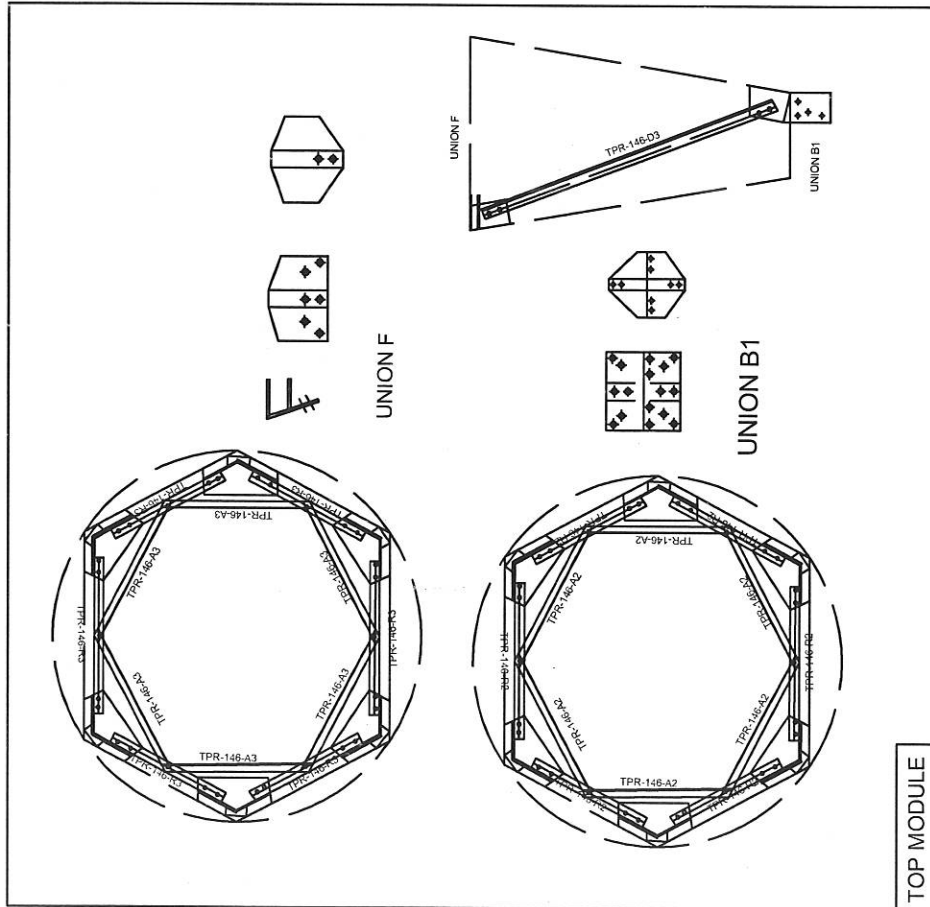
RECOMMENDED BY: *[Signature]*
CG CAPT RAY GARNER-CAMALLO
Deputy Commander, CGIDS

APPROVED BY: *[Signature]*
CG CAPT PRUDENCIO CATRICO JR (GSC)
Commander, CGIDS

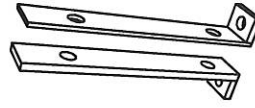
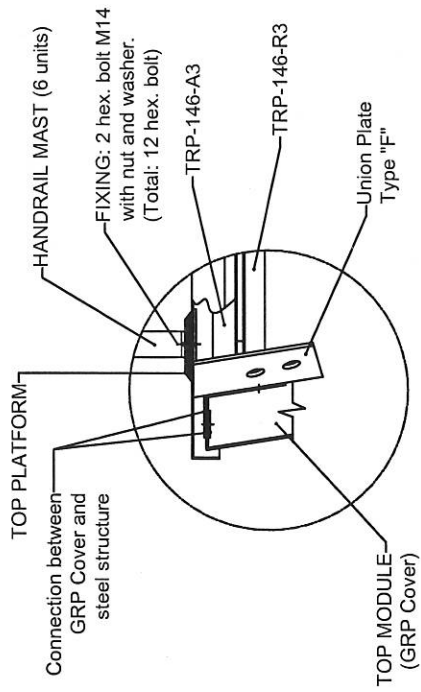
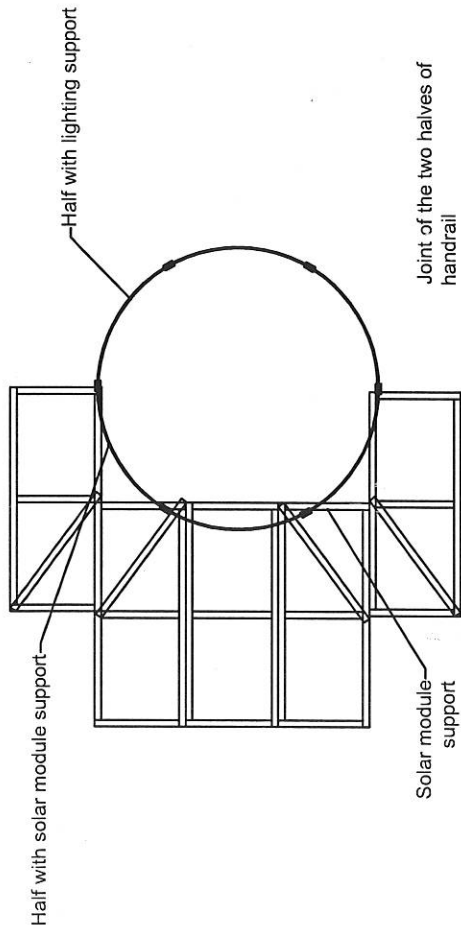
SHEET NO.



 PHILIPPINE COAST GUARD 140 SOUTH ST. PORT AREA MANILA		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAULUIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY LOCATION : YAMI / MAULUIS ISLAND, ITABAT, BATANES OWNER : PHILIPPINE COAST GUARD	SHEET NO.
PREPARED BY : CG POSTAL & COMMUNICATIONS BRANCH REVISION :	CHECKED BY : CG ENS EDGARDO J. JACOB Head, Project Performance and Evaluation	RECOMMENDED BY : CG CAPT RAY GARNET C. DAMALLO Deputy Commander, CGIDS	APPROVED BY : CG CAPT PRUDENCIO P. PATRICIO JR. (GSC) Commander, CGIDS	DATE :	



 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 138 25TH ST. PORT ANNA MANILA		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAVULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY LOCATION: YAMI MAVULIS ISLAND, ITABAYAT, BATANES OWNER: PHILIPPINE COAST GUARD	SHEET NO.
PREPARED BY CG P/C3 James B. Lopez POIC CIVIL & STRUCTURE BRANCH	CHECKED BY  CG ENS EDUARDO J. CORNEZ Head, Project Performance and Evaluation	RECOMMENDED BY  CG CDR RAY GARNER C. GAMALLO Deputy Commander, CGIS	APPROVED BY  CG CAPT PRUDENCIO C. PATRICIO JR. (GSC) Commander, CGIS		
REVISION DATE	DATE				



Joint of the two halves of handrail

Handrail joint with top platform

PROTECTION HANDRAIL NTS

 PHILIPPINE COAST GUARD COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION MAYULIS AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: YAMI/MAYULIS ISLAND, ITABAYAT, BATANES OWNER: PHILIPPINE COAST GUARD		SHEET NO.							
PREPARED BY CG PCG3 (Office of Logistics)	CHECKED BY: <i>Edgardo J. Cortez</i> CG ENS EDGARDO J. CORTIZ Head, Project Performance and Evaluation	RECOMMENDED BY: <i>Raymundo C. Patricio Jr.</i> CG CDR RAY C. PATRICIO JR. Deputy Commander, CGIDS	APPROVED BY: <i>Raymundo C. Patricio Jr.</i> CG CAPT PRUDENCIO C. PATRICIO JR. (GSC) Commander, CGIDS	REVISION <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	DESCRIPTION			
NO.	DATE	DESCRIPTION									