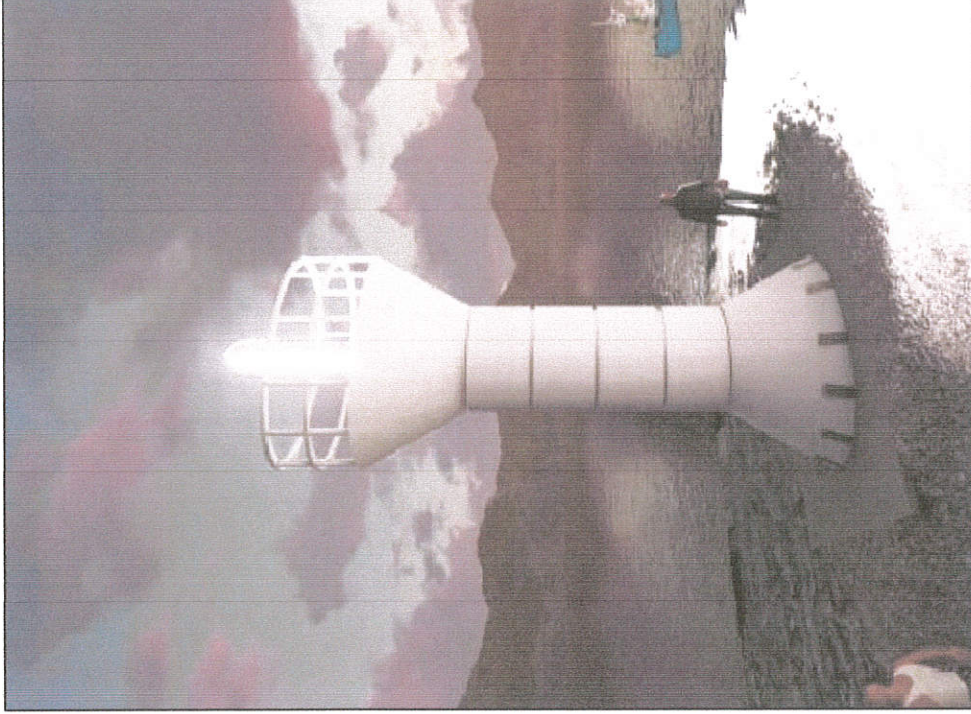


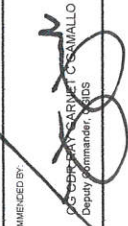


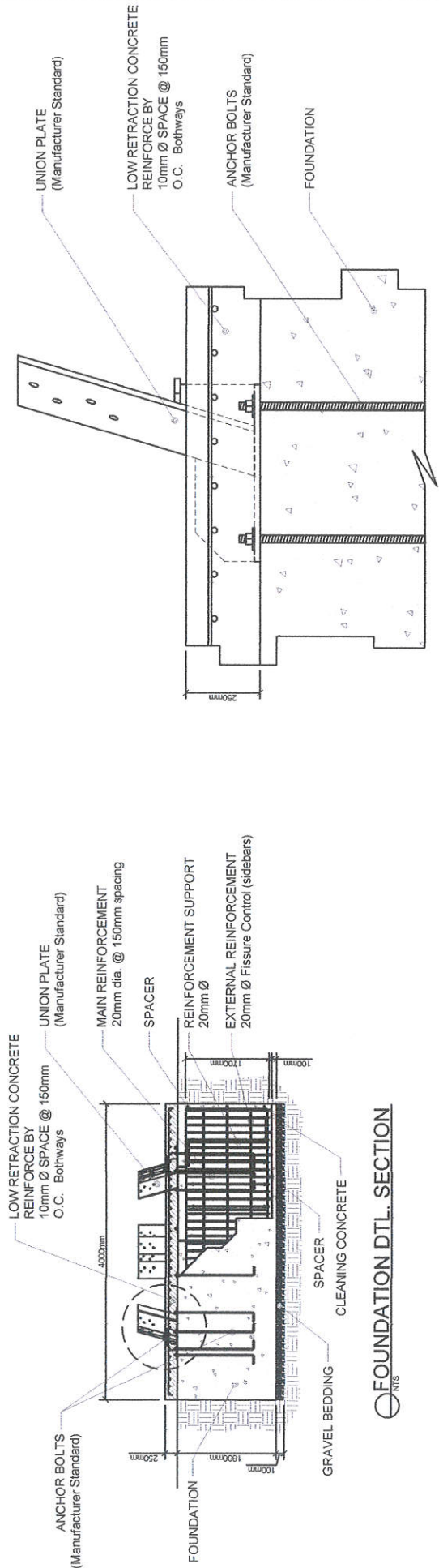
Image © 2021 Maxar Technologies

SITE DEVELOPMENT PLAN

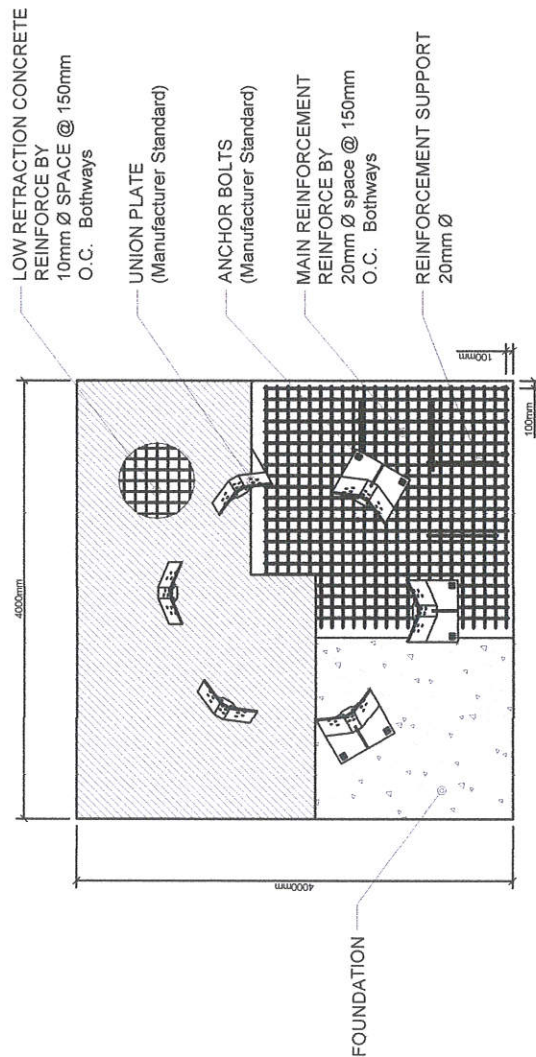


PERSPECTIVE

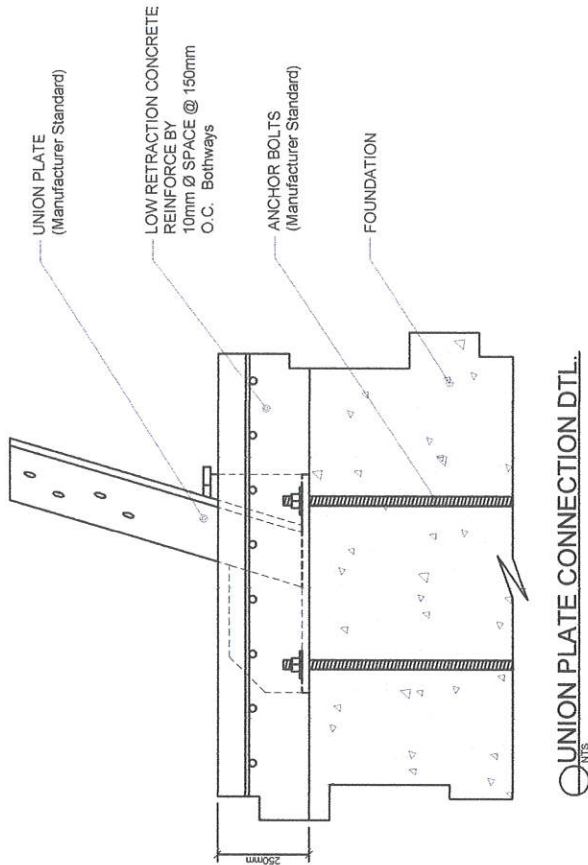
 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 138 25TH ST. PORT AREA WALKER		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: DEQUEY ISLAND, SABTANG, BATANES OWNER: PHILIPPINE COAST GUARD		SHEET NO.	
PREPARED BY <i>James B. Lugo</i> CG PO James B. Lugo POIC CIVIL & STRUCTURAL BRANCH		REVISION		DATE		APPROVED BY  CG CAPT PRUDENCIO C. PATRICIO, JR (GSC) Commander, CGDS	
CHECKED BY  CGENSA Head, Project Performance and Evaluation		RECOMMENDED BY  CG CAPT PRUDENCIO C. PATRICIO, JR (GSC) Deputy Commander, CGDS		REVISION		DATE	



FOUNDATION DTL. SECTION



FOUNDATION DETAILS



UNION PLATE CONNECTION DTL.



PHILIPPINE COAST GUARD
INFRASTRUCTURE DEVELOPMENT SERVICE

PROJECT TITLE :
LOCATION :

DEQUEY ISLAND, SABTANG, BATANES
PHILIPPINE COAST GUARD

OWNER :

CG POC Jantene B. Latorra
POC CIVIL & STRUCTURAL BRANCH

PREPARED BY :

DATE

REVISION

CHECKED BY :

CG CAPT ENRIQUE O. LATORRA
Head, Project Performance and Evaluation

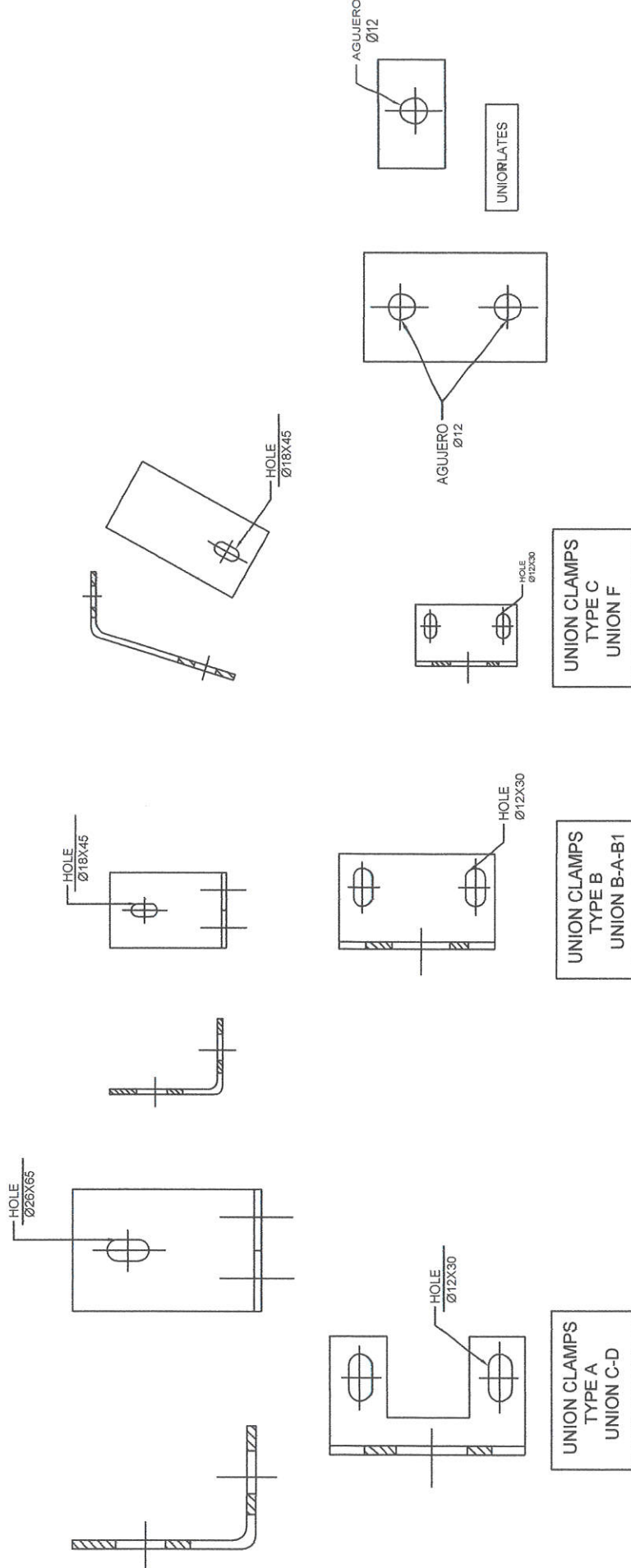
RECOMMENDED BY :

CG CAPT ENRIQUE O. LATORRA
Deploy Commanding Officer

APPROVED BY :

CG CAPT PRUDENCIO C. PATRICIO, JR (GSC)
Commander, CGDS

SHEET NO.

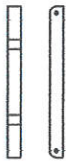


GRP- STRUCTURAL UNION CLAMPS(A-B-C)



		PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 538 28TH ST. PORT AREA WARE,		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) Lighthouse Stations in the Ten (10) Northernmost Islands of the Country LOCATION: DEQUEY ISLAND, SABTANG, BATANES OWNER: PHILIPPINE COAST GUARD	SHEET NO.
PREPARED BY: <i>[Signature]</i> CG PO3 James B. Ladoy POIC CIVIL & STRUCTURAL BRANCH	CHECKED BY: <i>[Signature]</i> CG ENS EDGARDO J. CORPEZ Head, Project Performance and Evaluation	RECOMMENDED BY: <i>[Signature]</i> CG CAPTAN GABRIEL G. GAILLO Deputy Commander, CGDS	APPROVED BY: <i>[Signature]</i> CG CAPT PRUDENCIO PATRICIO JR (GSC) Commander, CGDS		
REVISION DATE					

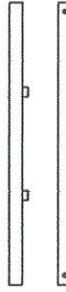
UNION F



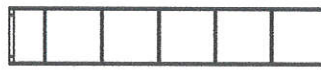
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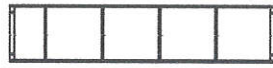
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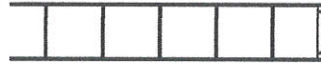
FLIGHT 1



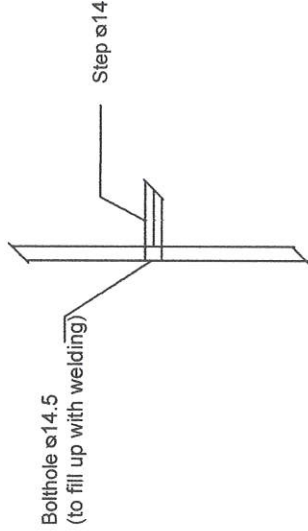
FLIGHT 2-6



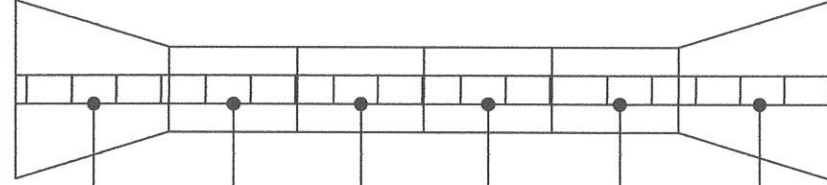
TRAMO 7



Union of step



UNION F



FLIGHT 7

FLIGHT 6

FLIGHT 4

FLIGHT 3

FLIGHT 2

FLIGHT 1

UNION B1

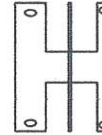
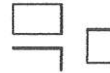
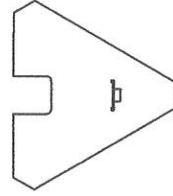
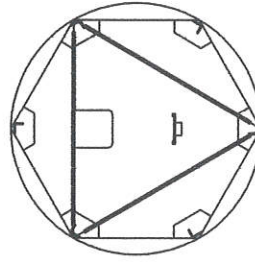
UNION A

UNION A

UNION A

UNION B

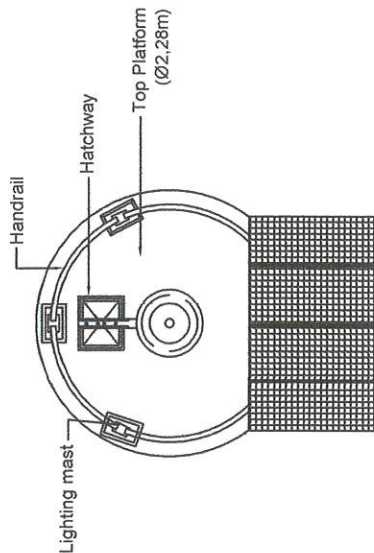
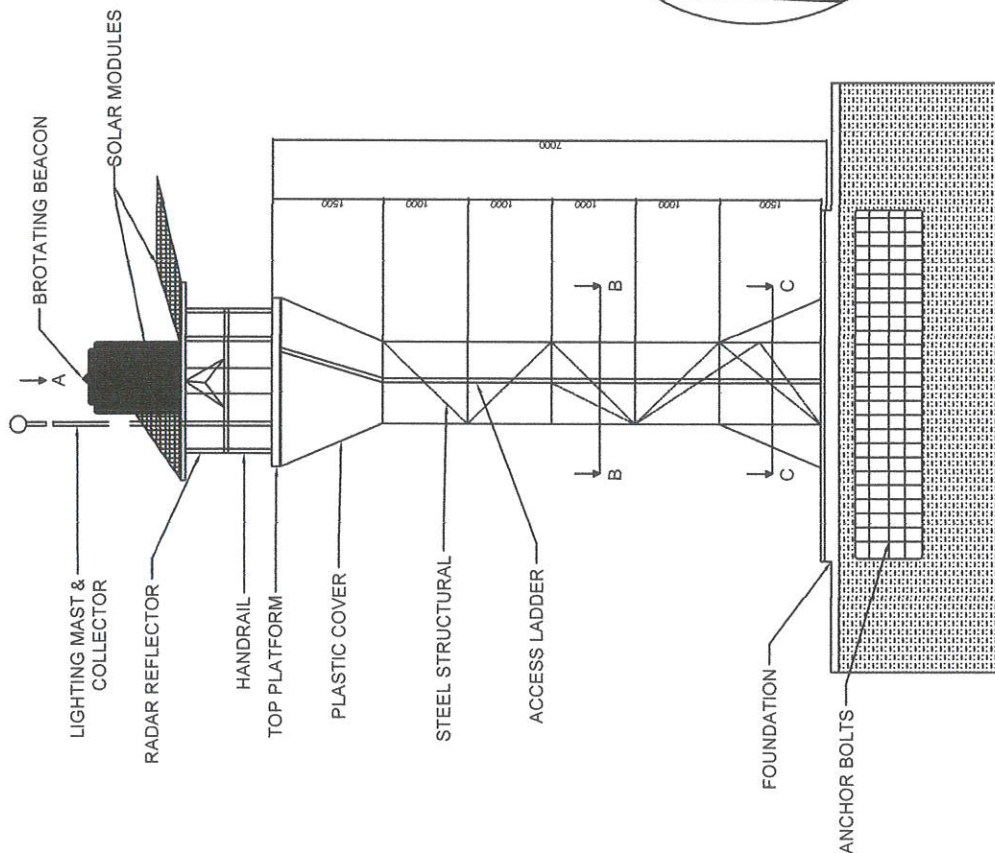
UNION C



INTERNAL LADDER

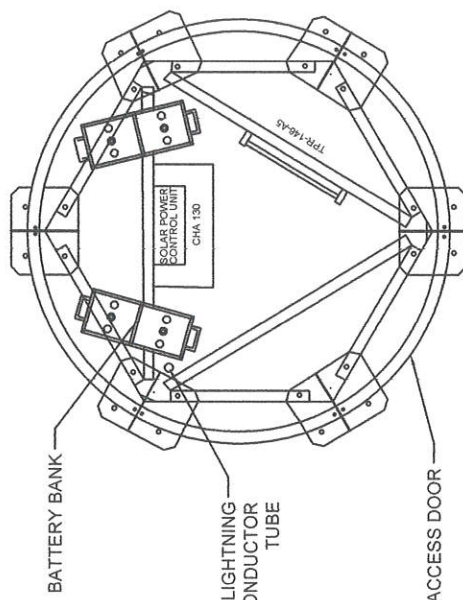
NTS

 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 138 SOUTH ST. PORT AREA NAVALC		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY		SHEET NO.
LOCATION: DEQUEY ISLAND, SABTANG, BATANES		APPROVED BY:		CG CAPT PRUDEN P. O. C. (ATRICIO JR) (GSC) Commander, CGDS
OWNER: PHILIPPINE COAST GUARD		RECOMMENDED BY:		
PREPARED BY: CG POJ ANNE B. LARAY		CG CORRAL GARNET C. GALLO Deputy Commander, CGDS		CG CAPT PRUDEN P. O. C. (ATRICIO JR) (GSC) Commander, CGDS
POIC CIVIL & STRUCTURAL BRANCH		CG ENS EDGARDO J. CORTES Head, Project Performance and Evaluation		
REVISION		CHECKED BY:		CG CAPT PRUDEN P. O. C. (ATRICIO JR) (GSC) Commander, CGDS
DATE		DATE		

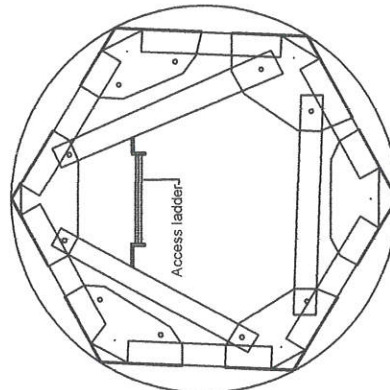


7 Meters LS	
Height	7000mm
Base Diameter	2000mm
Tower Diameter	1200mm
Foundation Bolt PCD	1850mm
Number of Modules / Section	6

VIEW A



SECTION C-C'

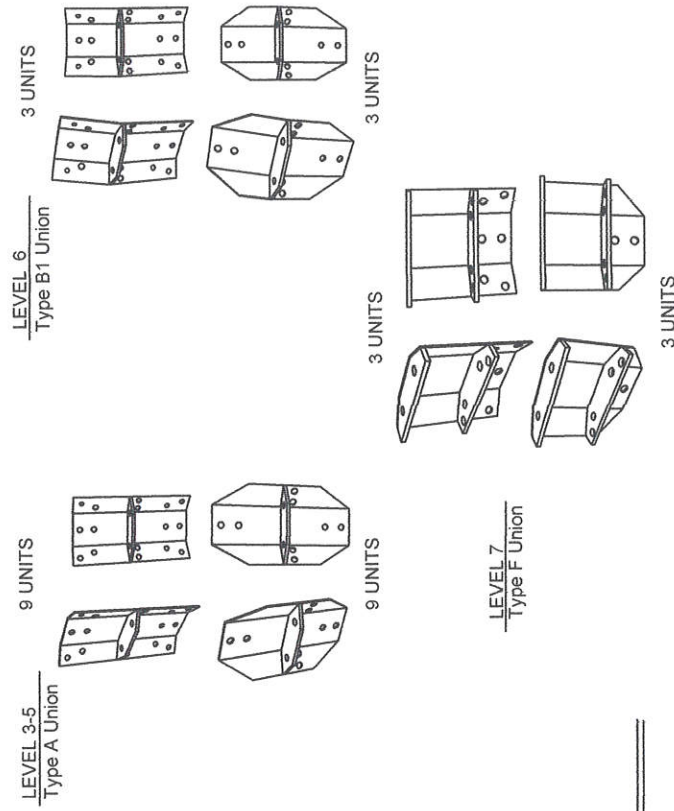
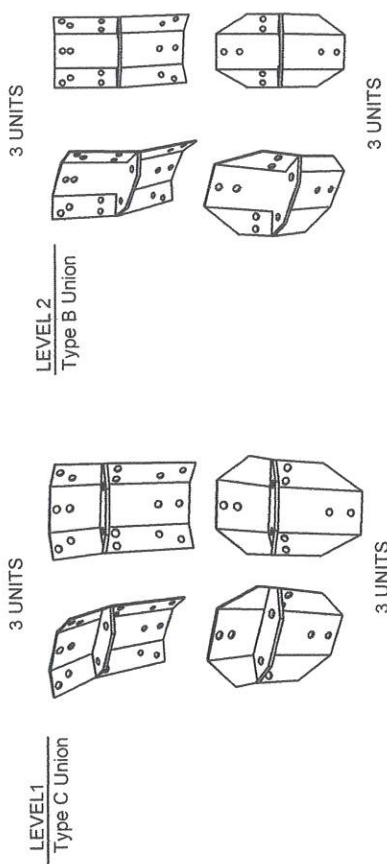


SECTION B-B'

GENERAL DRAWING NTS

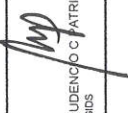
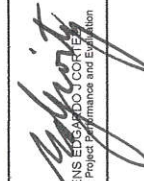
PHILIPPINE COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION : DEQUEY ISLAND, SABTANG, BATANES OWNER : PHILIPPINE COAST GUARD		SHEET NO.	
PREPARED BY : <i>[Signature]</i> CG 866 James B. Guboy POIC CIVIL & STRUCTURAL BRANCH		RECOMMENDED BY : <i>[Signature]</i> CG 866 JAY C. GALLO Deputy Commander, CGIDS		APPROVED BY : <i>[Signature]</i> CG CAPT PRUDENCIO C. PATRICIO, JR (SSC) Commander, CGIDS	
REVISION		DATE		REVISION	

Union clamps Type C	Type F union thickness=8mm	LEVEL 7
Union clamps Type B	Type B1 union thickness=10mm	LEVEL 6
Union clamps Type B	Type A union thickness=8mm	LEVEL 5
Union clamps Type B	Type A union thickness=8mm	LEVEL 4
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Union clamps Type B	Type B union thickness=10mm	LEVEL 2
Union clamps Type A	Type C union thickness=14mm	LEVEL 1

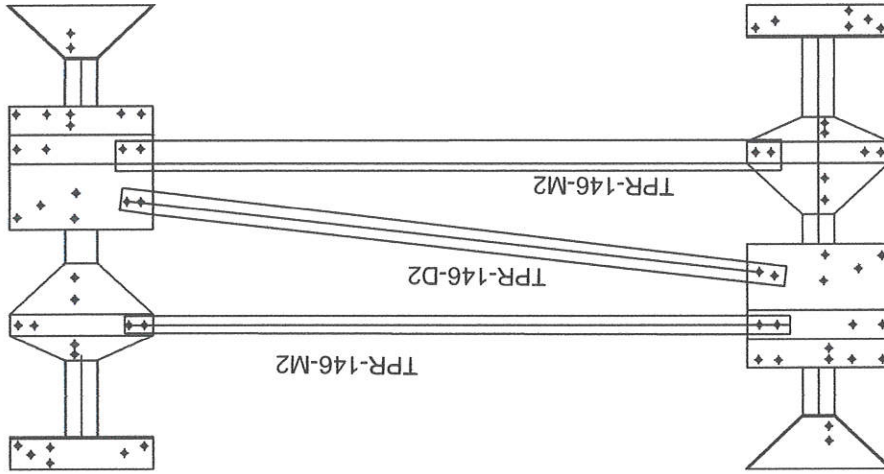


UNION PLATES DETAILS

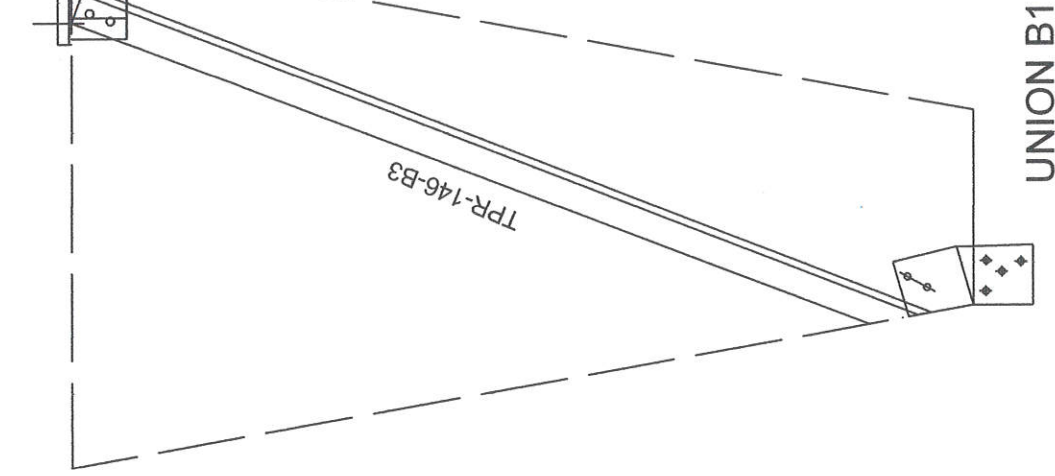
NTS

 PHILIPPINE COAST GUARD RESQUAT RIDE PHILIPPINE COAST GUARD TO SERVE THE NATION		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY	SHEET NO.
LOCATION: DEQUEY ISLAND, SABTANG, BATANES PHILIPPINE COAST GUARD		APPROVED BY:  CG CAPT PRUDENCIO C. PATRICIO JR. (SSC) Commander, CGIDS			
PREPARED BY: CG PO James B. Latorre POIC CIVIL & STRUCTURAL BRANCH		RECOMMENDED BY:  CG CORP. GABRIEL C. GAMALLO Deputy Commander, CGIDS			
REVISION 1. 01/10/2023 2. 01/10/2023 3. 01/10/2023		CHECKED BY:  CG ENS EDUARDO T. CORTEZ Head, Project Performance and Evaluation			

UNION A

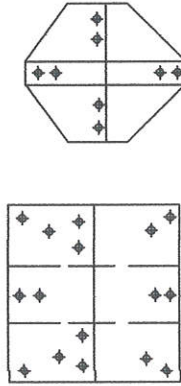
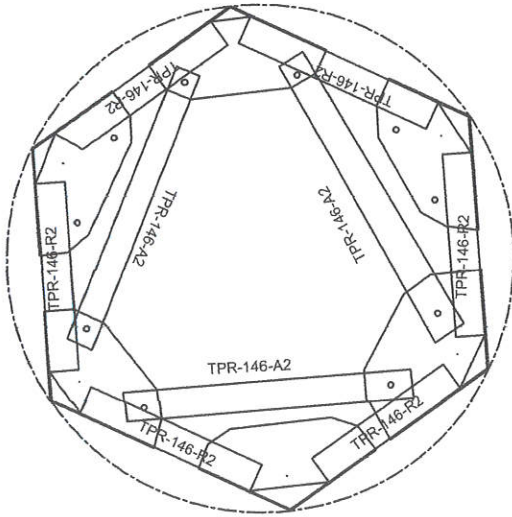


UNION A



UNION B1

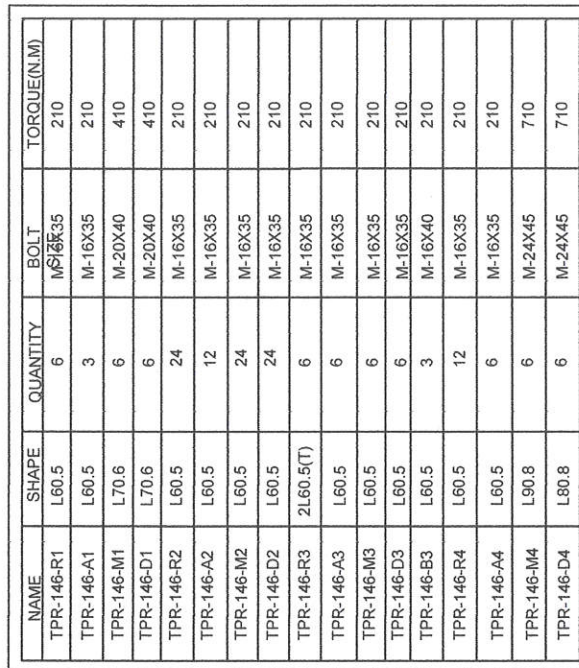
TOP PLATFORM
CENTRAL SUPPORT



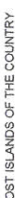
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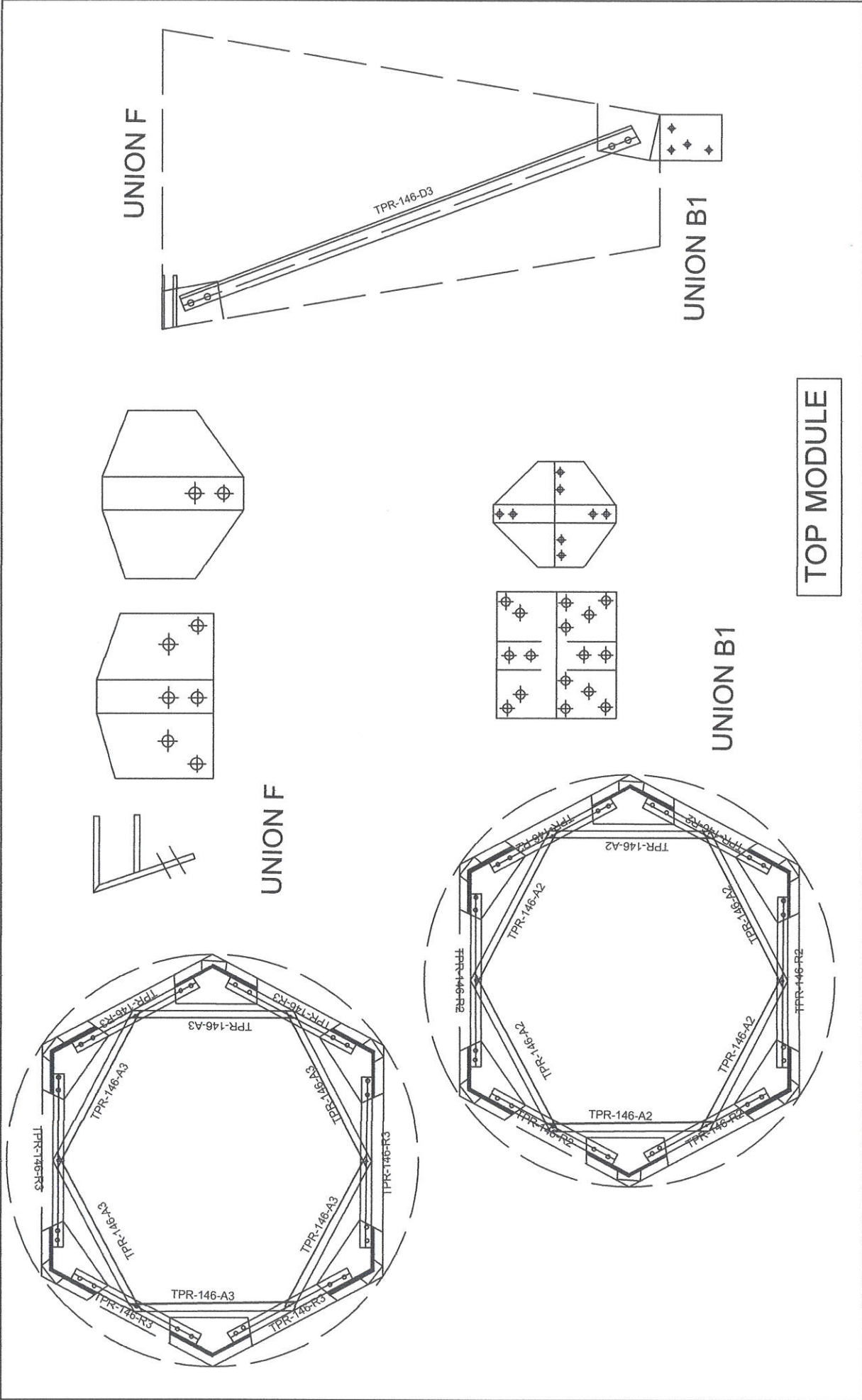
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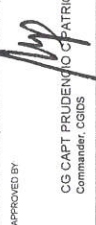
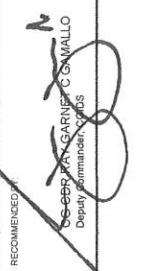
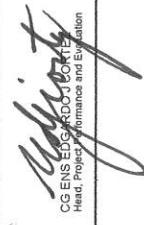
 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 138 SOUTH PORT AREA NAVAL COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: DEQUEY ISLAND, SABTANG, BATANES OWNER: PHILIPPINE COAST GUARD		SHEET NO.
PREPARED BY: <i>[Signature]</i> CG P-01 James B. Lobos POIC CIVIL & STRUCTURAL BRANCH	REVISION: _____ DATE: _____	CHECKED BY: <i>[Signature]</i> CG ENS. JOSE R. CORTEZ Head, Project Performance and Evaluation	RECOMMENDED BY: <i>[Signature]</i> CG CAPT. JAY GARCIA C. GAMALLO Deputy Commander, CGIDS	APPROVED BY: <i>[Signature]</i> CG CAPT. PRUDENCIO C. PATRICIO, JR. (SCC) Commander, CGIDS

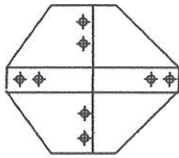
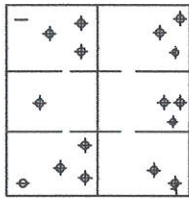
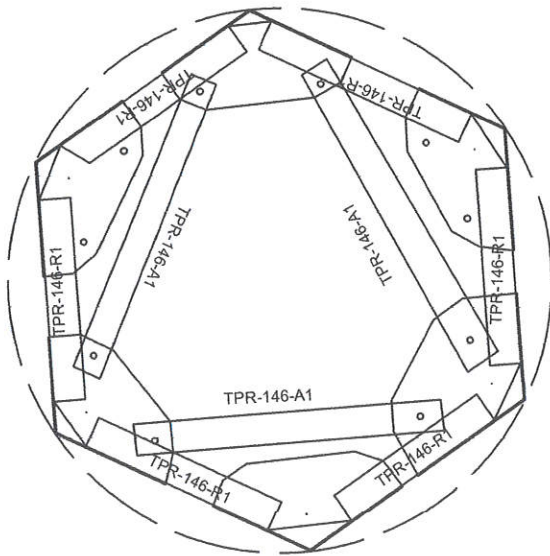


BARS DETAILS

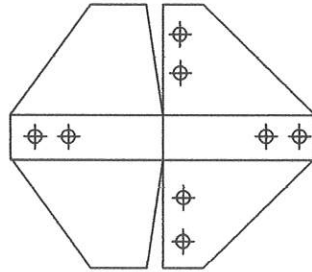
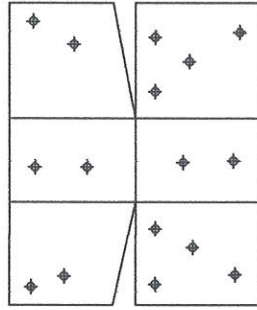
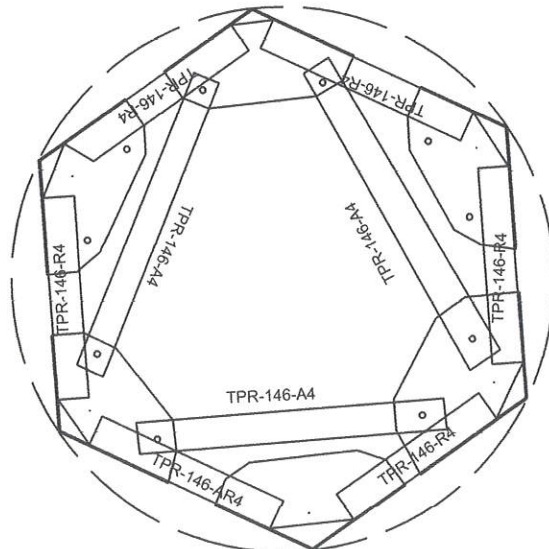
 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 130 26TH ST. PORT AREA, MANILA COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE	PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY		LOCATION : SOUTHERN CALABAYAN PHILIPPINE COAST GUARD		SHEET NO.	
	OWNER :		PREPARED BY : CG POCD James B. Lobato		CHECKED BY : <i>[Signature]</i> CG ENS EDGARDO PORTALLO Head, Project Performance and Evaluation	
	REVISION :		DATE :		RECOMMENDED BY : <i>[Signature]</i> CG CDR BAYBARNER CANTALLO Deputy Commander, CAGDS	
	APPROVED BY : <i>[Signature]</i> CG CAPT PRUDENCO C. PATRICIO JR (CSC) Commandant, CAGDS					



 PHILIPPINE COAST GUARD RESQUERTE DE LA GUARDIA COSTA GUARD 13 SOUTH COAST GUARD		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSES IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY	SHEET NO.
LOCATION: DEQUEY ISLAND, SABTANG, BATANES		OWNER: PHILIPPINE COAST GUARD		APPROVED BY:  CG CAPT PRUDENTIO C. PATRICIO JR (GSC) Commander, CGOS	 CG-ENGR EDGARDO J. C. GAMALLO Deputy Commander, CGOS
PREPARED BY: CG PO James B. Lobo POIC CIVIL & STRUCTURAL BRANCH		CHECKED BY:  CG-ENGR EDGARDO J. C. GAMALLO (Held, Proposed, Estimated and Evaluation)		REVISION DATE	



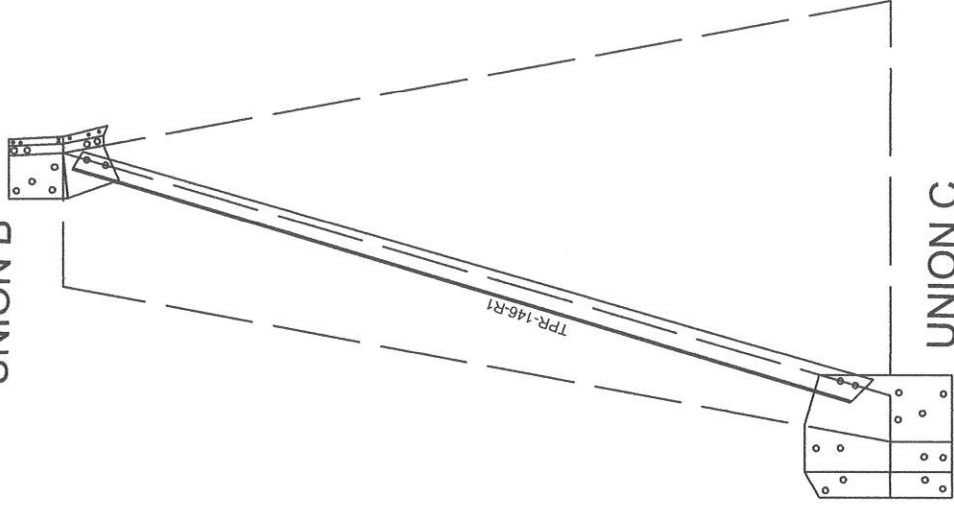
UNION B



UNION C

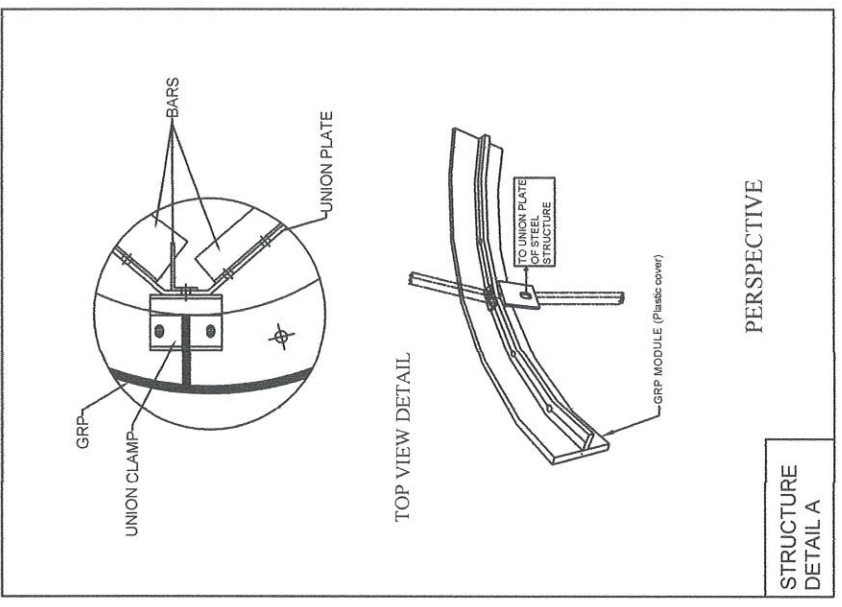
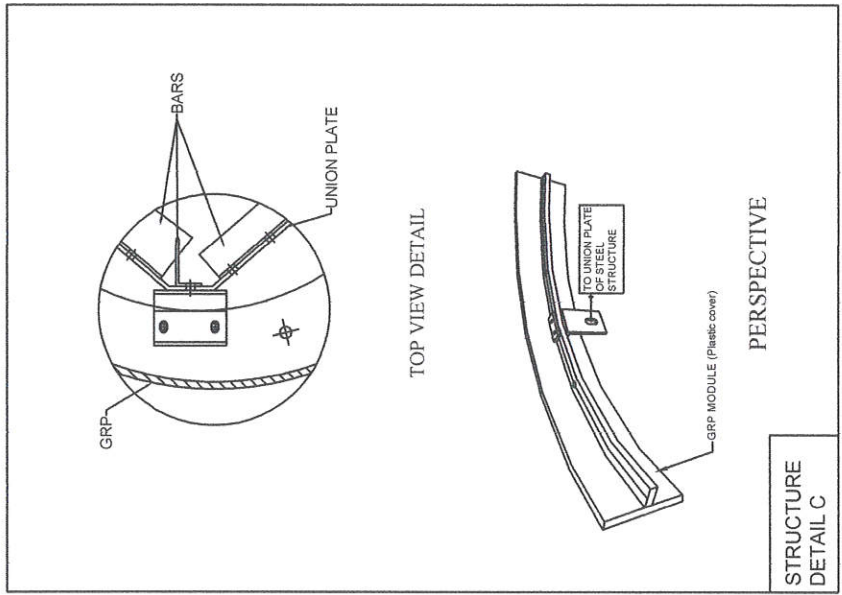
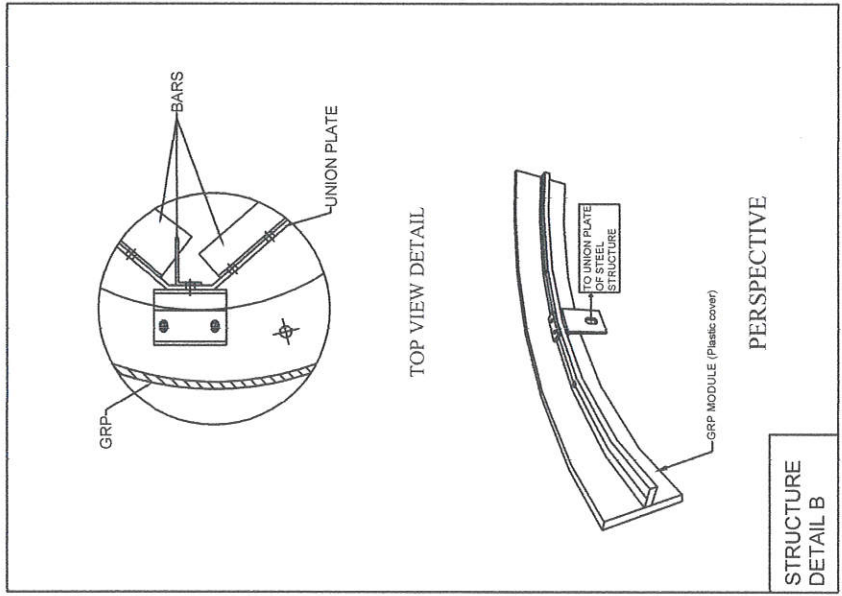
CONE TRUNCATED
MODULE-2

UNION B



UNION C

 PHILIPPINE COAST GUARD COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION : DEQUEY ISLAND, SABTANG, BATANES OWNER : PHILIPPINE COAST GUARD		SHEET NO.	
PREPARED BY : CG PO James B. Lirioy POIC CIVIL & STRUCTURAL BRANCH	REVISION	CHECKED BY : <i>Aditya</i> CG ENS. EDGARDO CORTES Head, Project Information and Evaluation	RECOMMENDED BY : <i>James B. Lirioy</i> CG PO James B. Lirioy Deputy Commander, CGUS	APPROVED BY : <i>CG Capt Prudencio C. Patricio Jr.</i> CG CAPT PRUDENCIO C. PATRICIO JR. (GSC) Commander, CGUS	DATE



PHILIPPINE COAST GUARD
HEADQUARTERS PHILIPPINE COAST GUARD
125 SOUTH ST. PORT JESU AREA

COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE

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

PREPARED BY: *James B. Cobay*
CG POIC James B. Cobay
POIC CIVIL & STRUCTURAL BRANCH

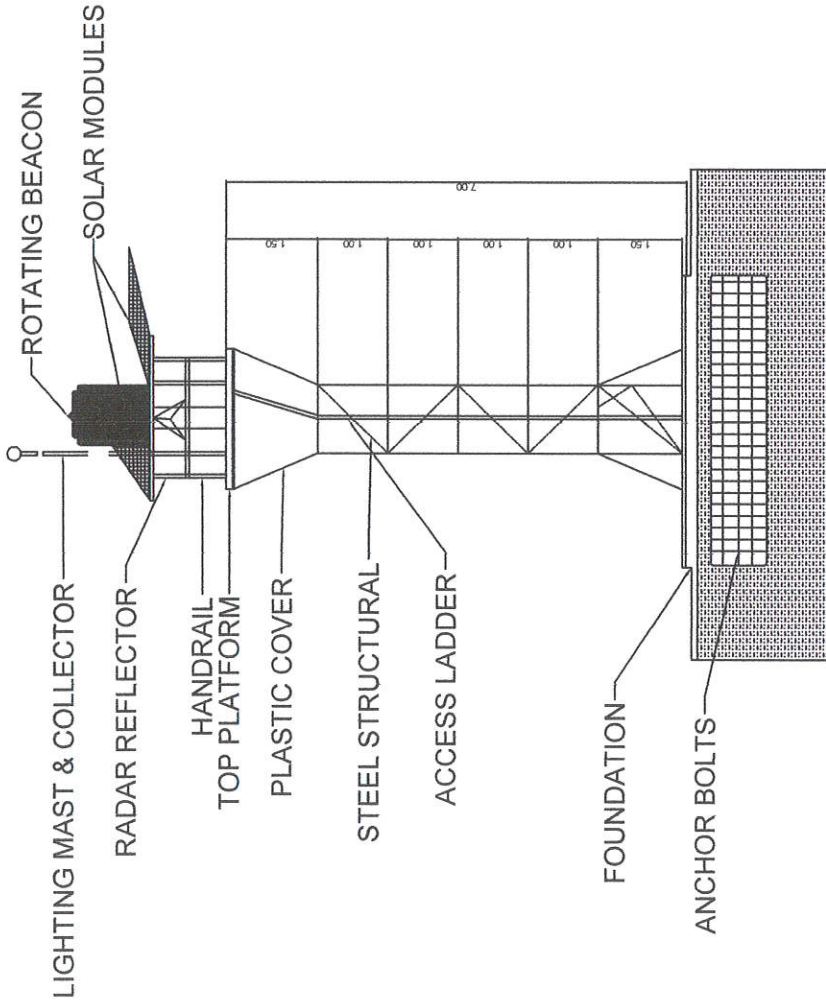
REVISION: _____ DATE: _____

CHECKED BY: *James B. Cobay*
CG ENR James B. Cobay
Head, Project Performance and Evaluation

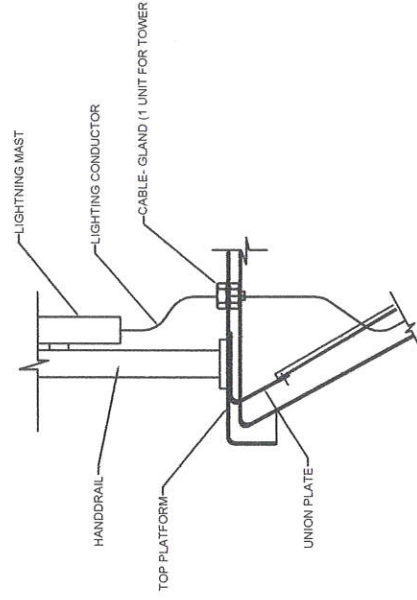
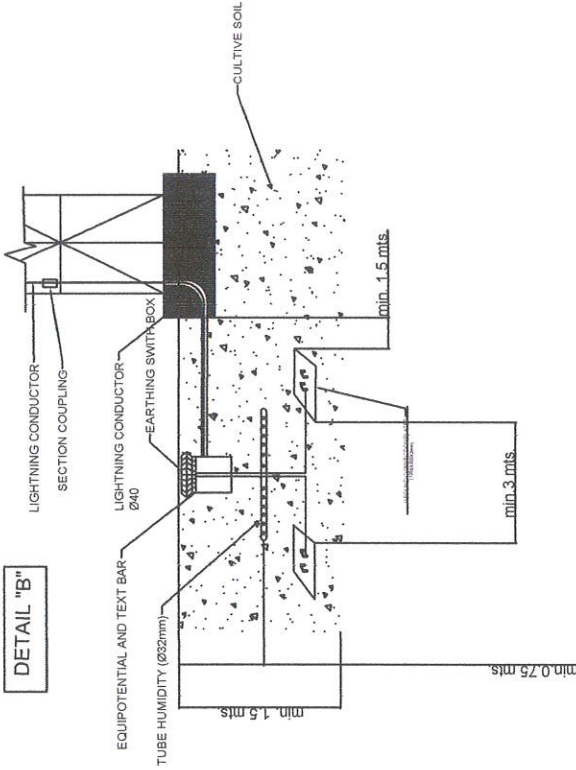
RECOMMENDED BY: *James B. Cobay*
CG SCOR James B. Cobay
Deputy Commander, CGDS

APPROVED BY: *James B. Cobay*
CG CAPT PRUDENCIO G. PATRICIO JR. (GSC)
Commander, CGDS

SHEET NO. _____

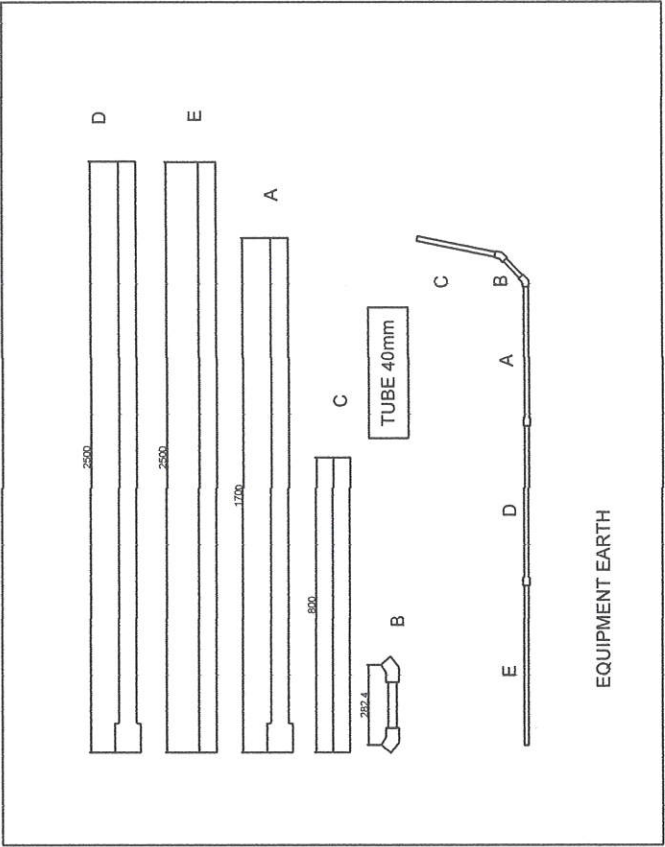
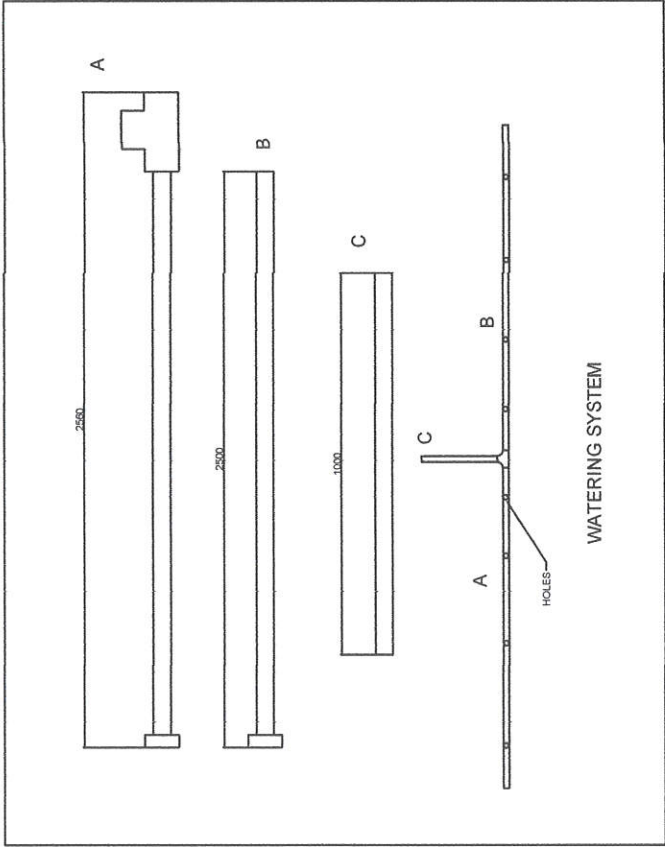


GROUNDING PROTECTION SYSTEM



DETAIL "A"

PHILIPPINE COAST GUARD 150 SOUTH AVENUE, PORT JESU, CAGAYAN DE ORO COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: DEQUEY ISLAND, SABTANG, BATANES OWNER: PHILIPPINE COAST GUARD		SHEET NO.	
PREPARED BY CG JED James B. Laboy POIC CIVIL & STRUCTURAL BRANCH	REVISION	CHECKED BY: CG JED James B. Laboy POIC CIVIL & STRUCTURAL BRANCH	RECOMMENDED BY: CG CDR PRUDENCIO C. ATARICIO JR. Deputy Commander, CGIDS	APPROVED BY: CG CAPT PRUDENCIO C. ATARICIO JR. Commander, CGIDS	



PHILIPPINE COAST GUARD
HEADQUARTERS PHILIPPINE COAST GUARD
138 SOUTH 21ST PORT JARDA MANILA

COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE

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

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

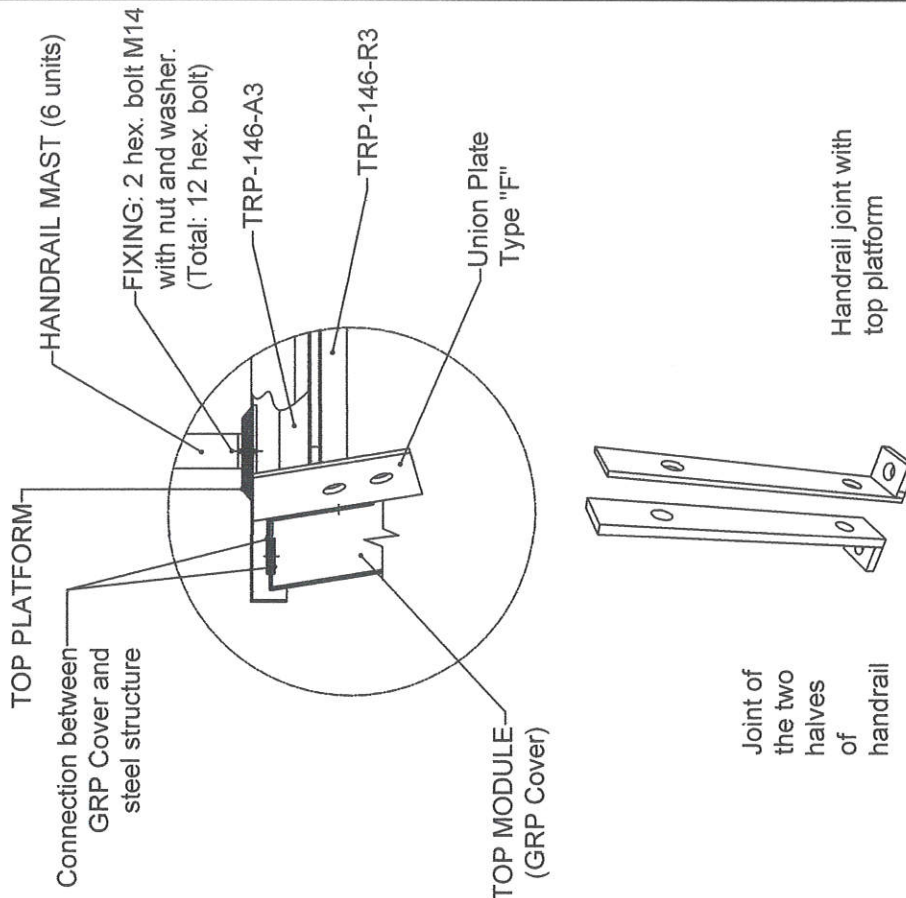
REVISION: _____ DATE: _____

CHECKED BY: *Edgardo J. Coste*
CG ENS EDUARDO J. COSTE
Head, Project Performance and Evaluation

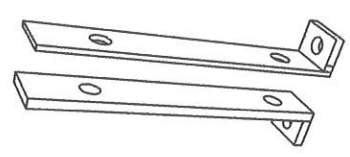
RECOMMENDED BY: *Edgardo J. Coste*
CG CDR EDUARDO J. GAMALLO
Deputy Commander, CGIDS

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

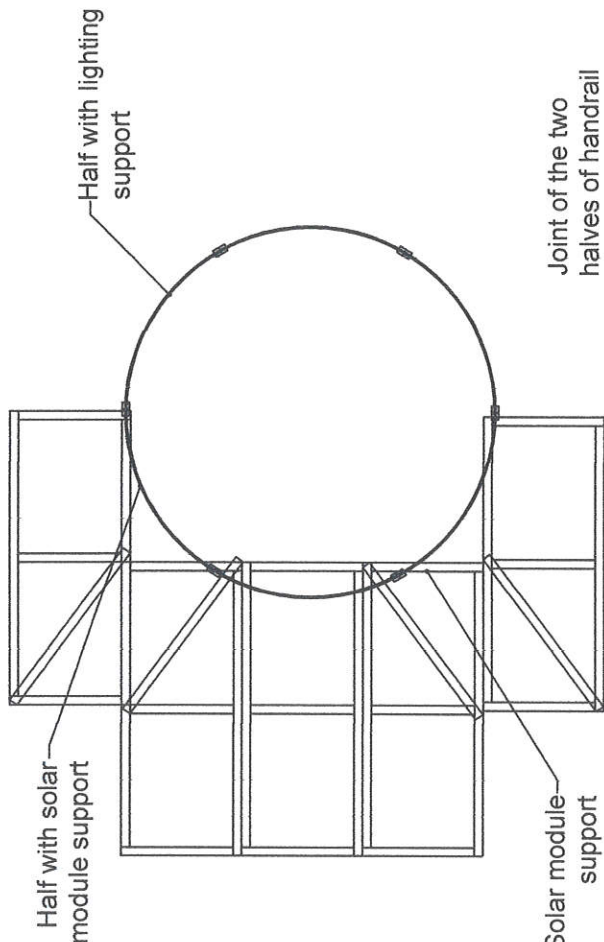
SHEET NO. _____



Handrail joint with top platform

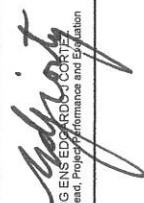
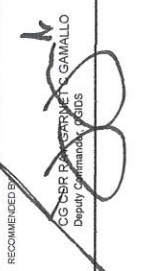
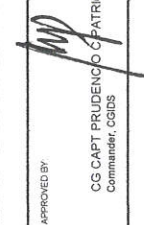


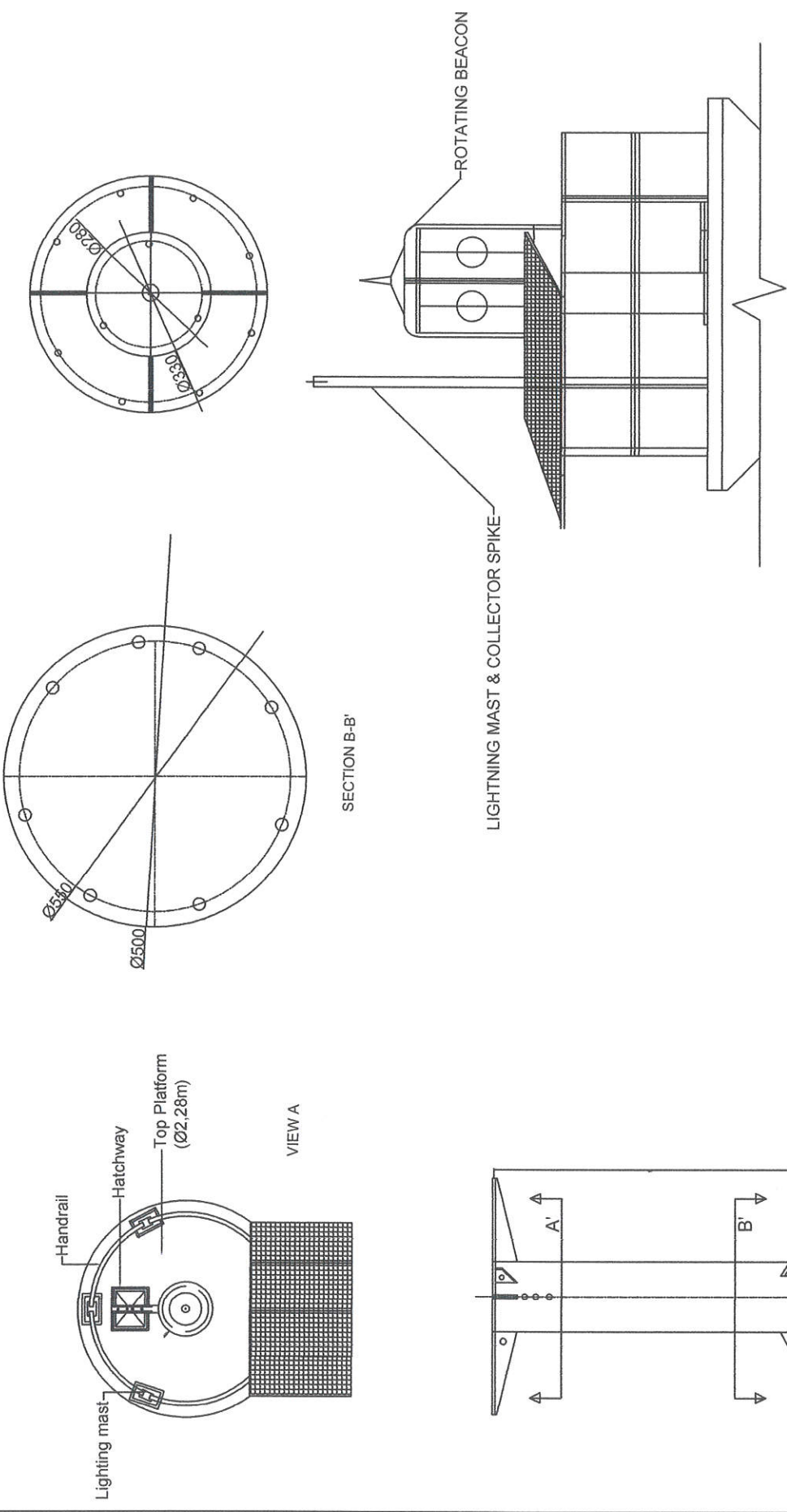
Joint of the two halves of handrail



Joint of the two halves of handrail

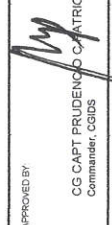
PROTECTION HANDRAIL NTS

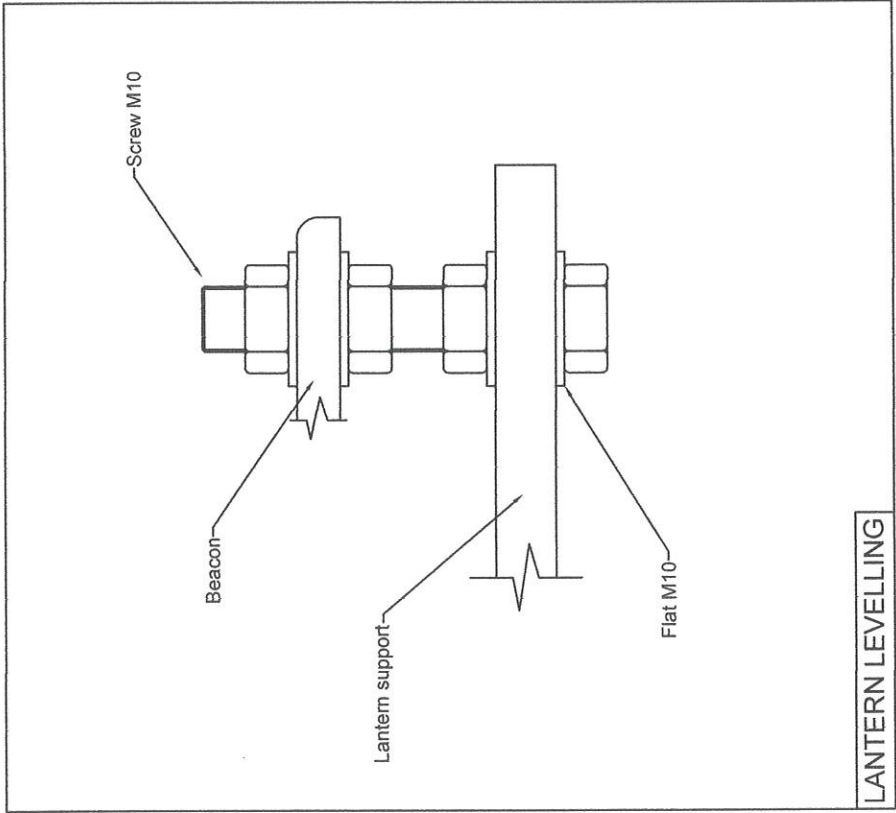
 PHILIPPINE COAST GUARD 1500 SOUTH POINT AVENUE, SUITE 100, PORT MANGROVE, CALABARZON		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: DEQUEY ISLAND, SAGITANG, BATANES OWNER: PHILIPPINE COAST GUARD		SHEET NO.	
PREPARED BY CG P-001 James B. Llanoy POIC CIVIL & STRUCTURAL BRANCH	REVISION DATE	CHECKED BY:  CG ENS EDGARDO CORTES Head, Project Performance and Evaluation	RECOMMENDED BY:  CG CDR P. ESTRELLA GAMALLO Deputy Commandant, CGIDS	APPROVED BY:  CG CAPT PRUDENCIO PATRICIO JR (SGC) Commandant, CGIDS			



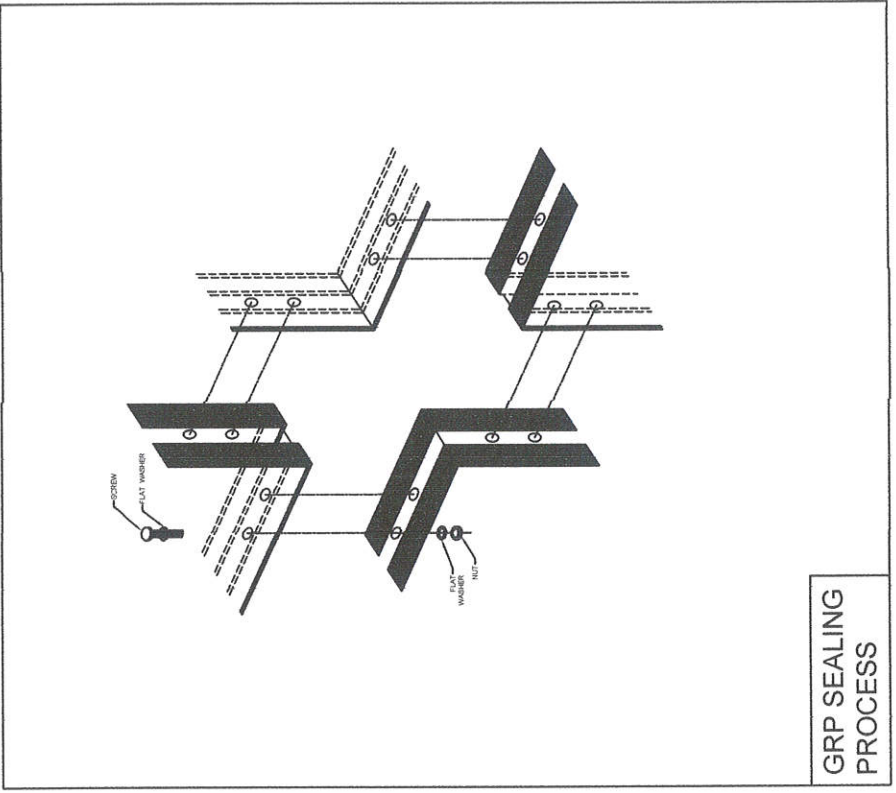
LANTERN SUPPORT NTS

Lantern Support

 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 138 SOUTH 21ST PORT AREA MANILA COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE			PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY		SHEET NO.
LOCATION: DEQUEY ISLAND, SABTANG, BATANES			APPROVED BY:  CG CAPT PRUDENTO CATRILEO JR (GSC) Commander, CGUS		
OWNER: PHILIPPINE COAST GUARD					
PREPARED BY:  CG PO James B. Lora POIC CIVIL & STRUCTURAL BRANCH			RECOMMENDED BY:  CG CDR RAY S. SARMIENTO Deputy Commander, CGUS		
REVISION			CG ENS EDGARDO J. CORTES Head, Project Performance and Evaluation		
CHECKED BY:  CG ENS EDGARDO J. CORTES Head, Project Performance and Evaluation			DATE		
BRANCH POIC CIVIL & STRUCTURAL BRANCH					



LANTERN LEVELLING



GRP SEALING
PROCESS

 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 130 25TH ST. FORT ASIA MANILA		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION DEQUEY AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY LOCATION: DEQUEY ISLAND, SABTANG, BATANES OWNER: PHILIPPINE COAST GUARD		SHEET NO.	
PREPARED BY: CG P-03 James E. Loboy POIC CIVIL & STRUCTURAL BRANCH		REVISION		APPROVED BY: CG CAPT PRUDENCIO PATRICIO JR (SSC) Commander, CGIDS	
CHECKED BY: CG ENS EDGARDO S. SORIANO Head, Project Management and Evaluation		RECOMMENDED BY: CG CAPT RAY GABRIEL C. GANALLO Deputy Commander, CGIDS		DATE	