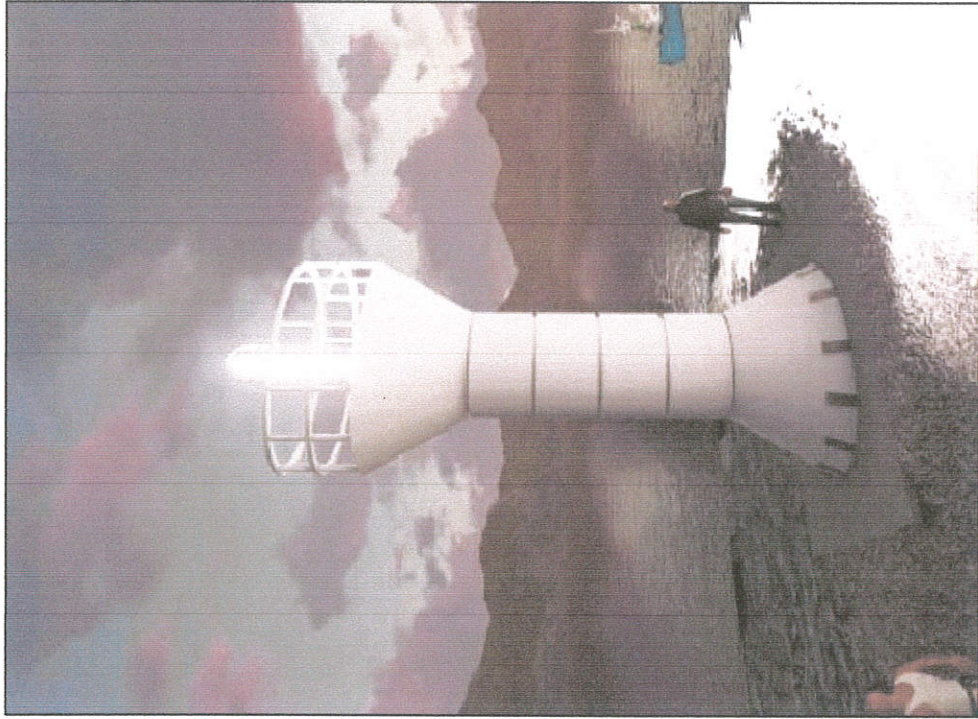




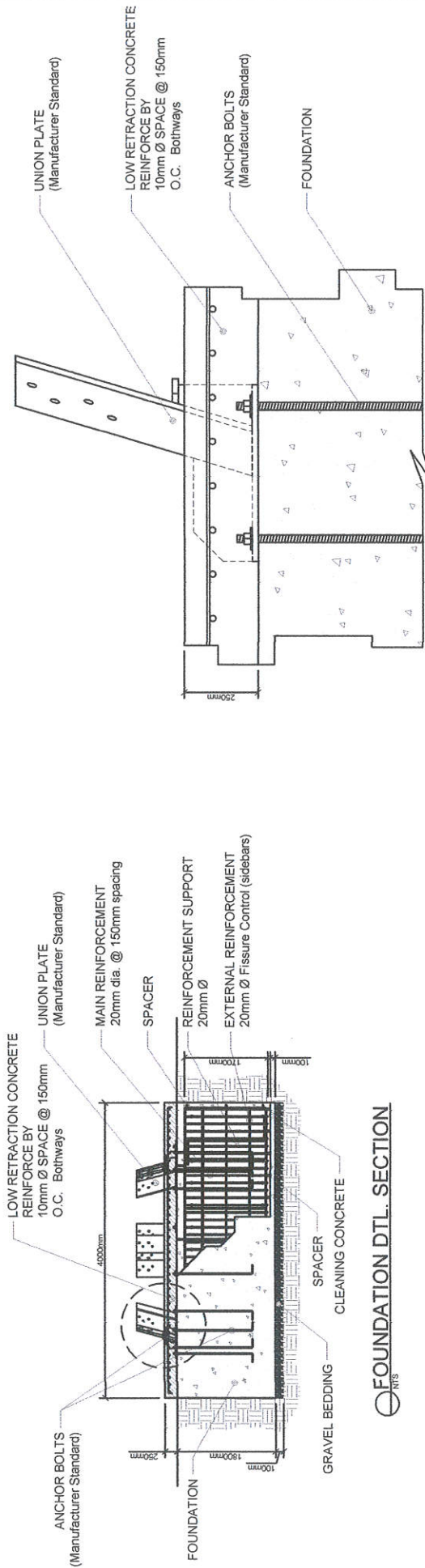
LS ITBAYAT WEST
Coordinate:
Lat: 20°49'19.98"N
Long: 121°50'25.05"E
Elevation: Approx. 190m



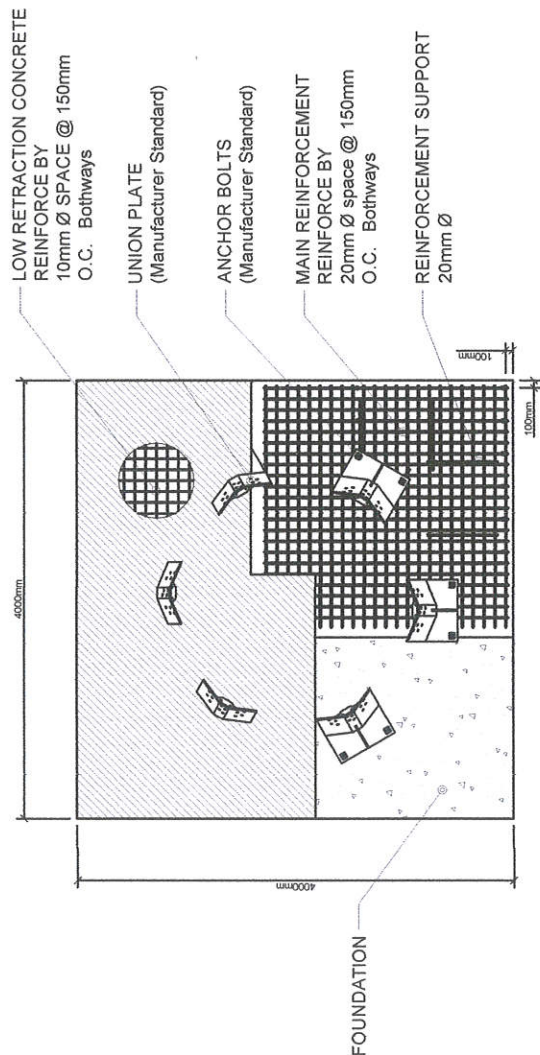
PERSPECTIVE

SITE DEVELOPMENT PLAN

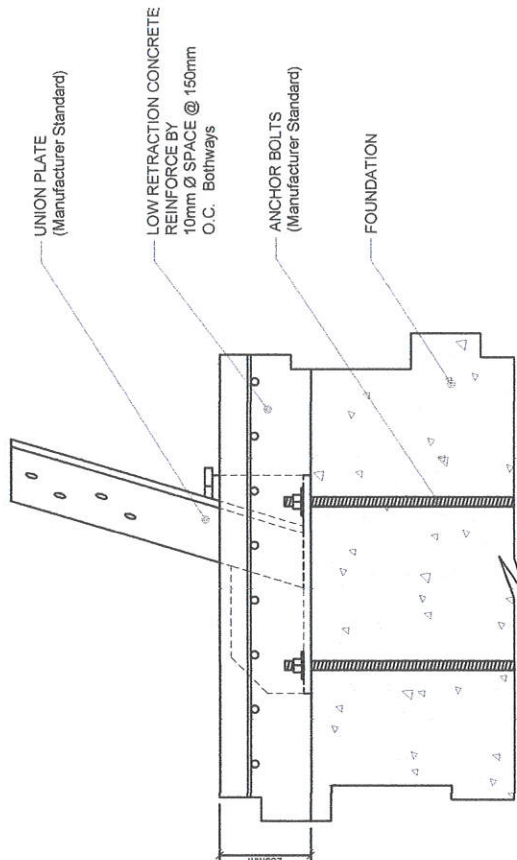
		PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 138 SOUTH ST., PORT AREA WALKER		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION ITBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY		SHEET NO	
LOCATION: ITBAYAT ISLAND, BATANES		OWNER: PHILIPPINE COAST GUARD		PREPARED BY: CG P [Signature] James B. Llanoy POIC CIVIL & STRUCTURAL BRANCH		REVISION:		DATE:	
CHECKED BY: [Signature] Edgardo J. Cortez Head, Project Management and Evaluation		RECOMMENDED BY: [Signature] [Name] CG SGT [Name] GARWIT & GAWALLO Deputy Commander, CGIDS		APPROVED BY: [Signature] CG CAPT PRUDENCIO C. PATRICIO JR. (GSC) Commander, CGIDS					



FOUNDATION DTL. SECTION
NTS

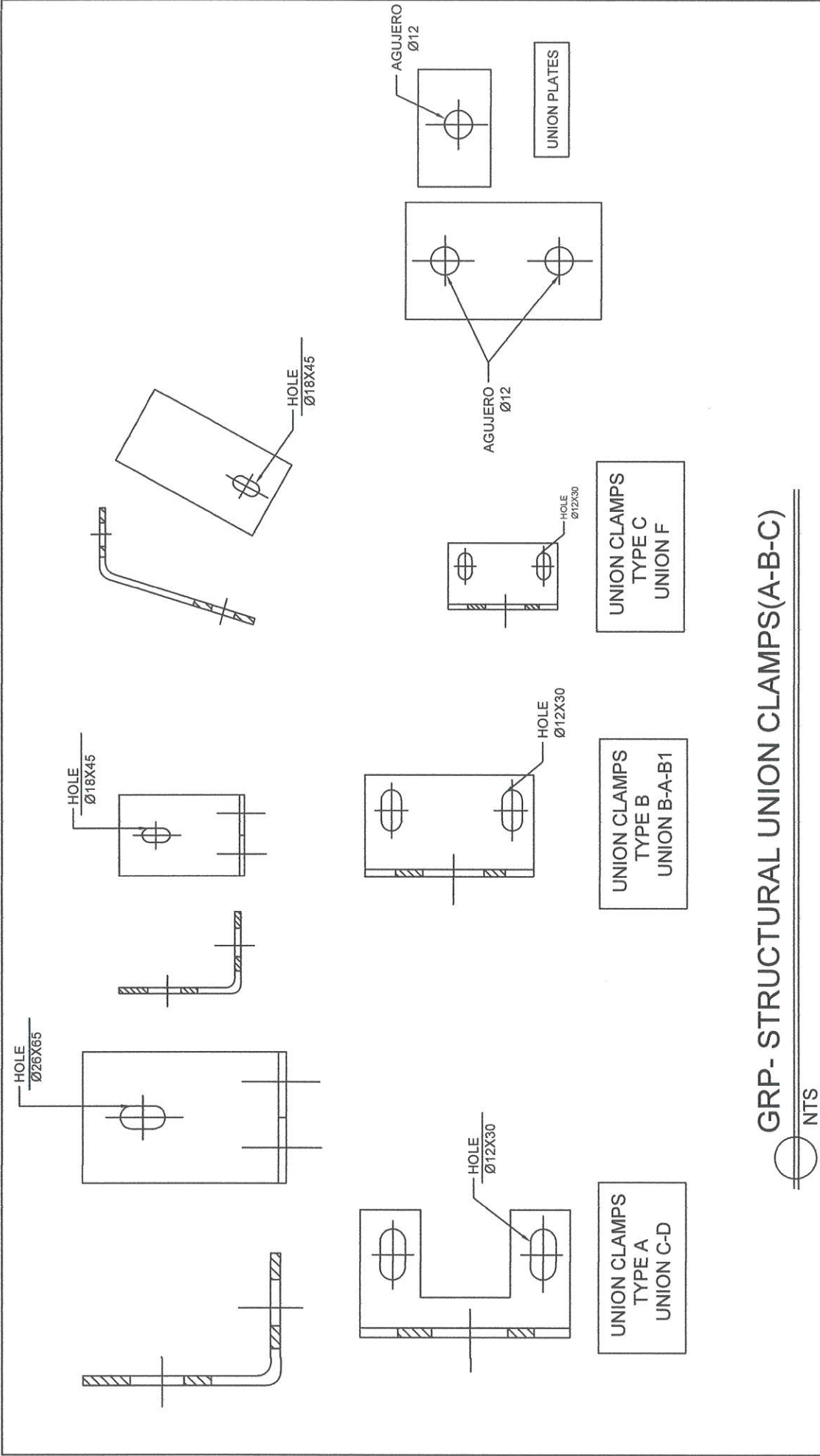


FOUNDATION DETAILS
NTS



UNION PLATE CONNECTION DTL.
NTS

 PHILIPPINE COAST GUARD COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION ITBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY OWNER : PHILIPPINE COAST GUARD PREPARED BY : CG POL James B. Lito POIC CIVIL & STRUCTURAL BRANCH REVISION : _____ DATE : _____		SHEET NO.
CHECKED BY : <i>[Signature]</i> CG ENS EDGARDO M. GARCIA Head, Project Performance and Evaluation		RECOMMENDED BY : <i>[Signature]</i> CG COMAN GABRIEL S. GAMALLO Deputy Commander, CGIDS		APPROVED BY : <i>[Signature]</i> CG CAPT PRUDENCIO C. PATRICIO JR (GSC) Commander, CGIDS

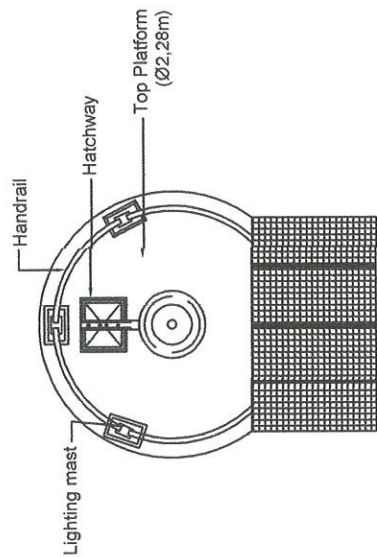


GRP- STRUCTURAL UNION CLAMPS(A-B-C)

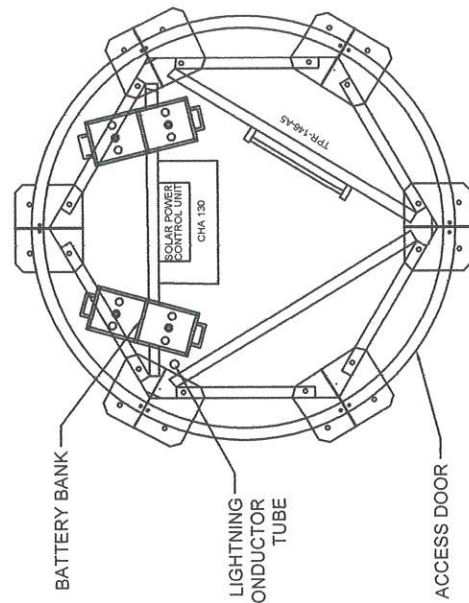
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 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 138 20TH ST. PORT AREA ANNEX		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION ITBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: ITBAYAT ISLAND, BATANES OWNER: PHILIPPINE COAST GUARD		SHEET NO.	
PREPARED BY: CG PO James B. Lora REVISION:		CHECKED BY: CG ENS EDUARDO J. CORTES Field, Project Performance and Evaluation		RECOMMENDED BY: CG CAPTAN GARCIA S. GARCIA Deputy Commander, CGDS		APPROVED BY: CG CAPT PRUDENCIO C. MATRICIO JR. (GSC) Commander, CGDS	

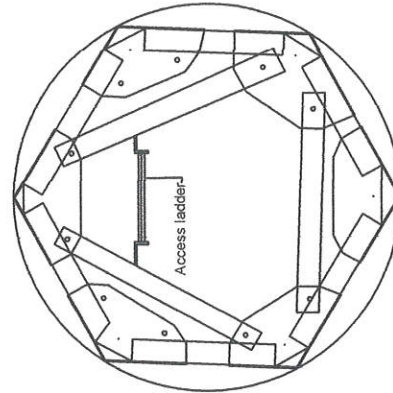




7 Meters LS	
Height	7000mm
Base Diameter	2000mm
Tower Diameter	1200mm
Foundation Bolt PCD	1850mm
Number of Modules / Section	6



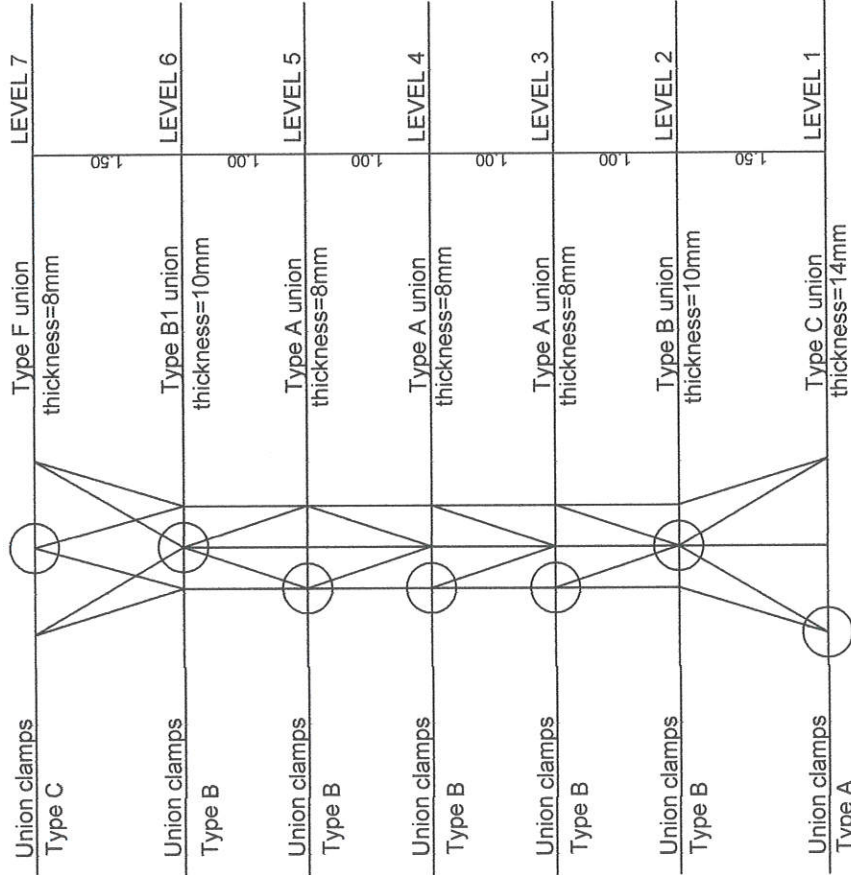
SECTION C-C'



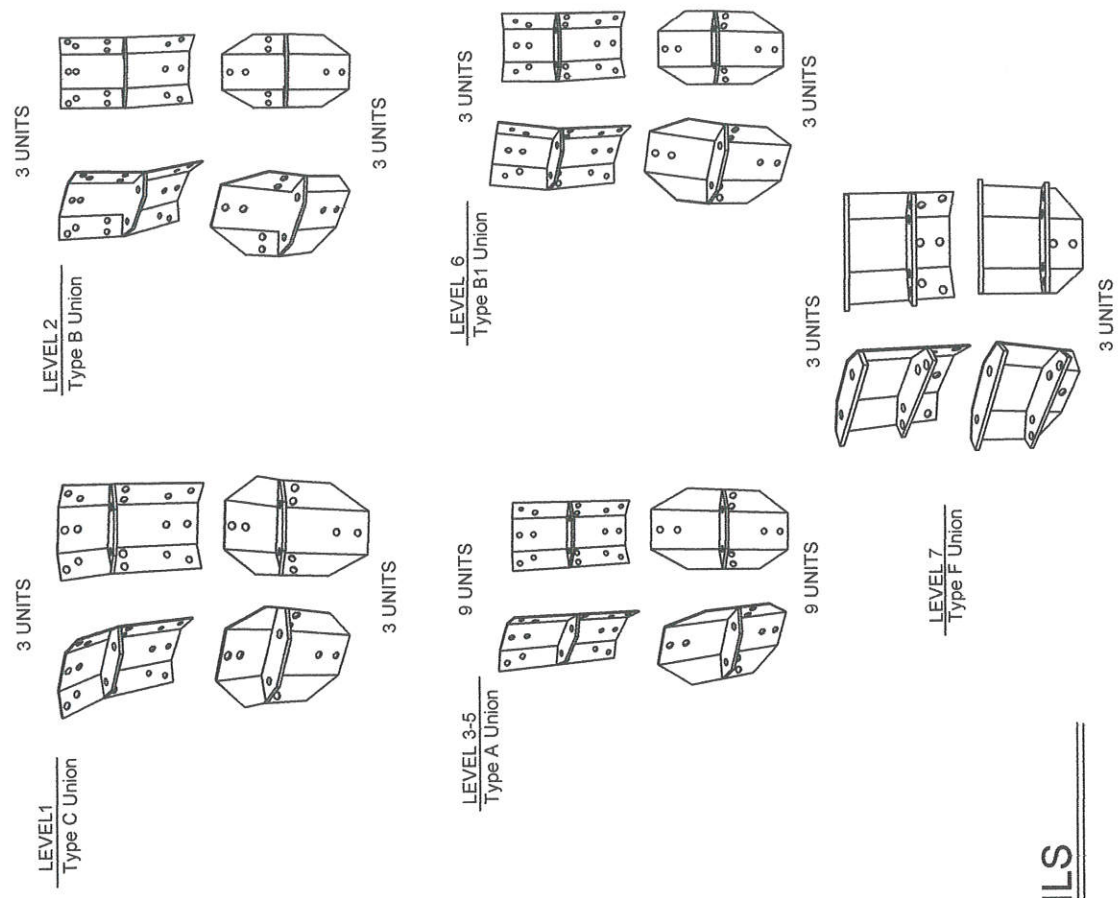
SECTION B-B'

GENERAL DRAWING

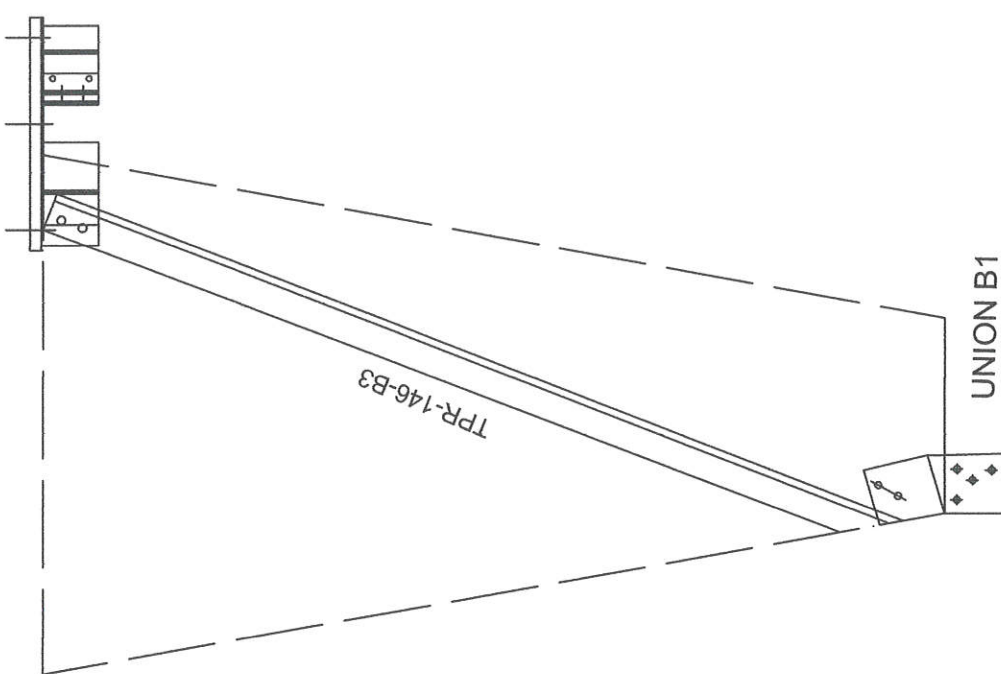
 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 138, 25TH ST. PORT ASIA, MANILA COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE	PROJECT TITLE : CONSTRUCTION OF LIGHT STATION (TBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: ITBAYAT ISLAND, BATAYNES OWNER: PHILIPPINE COAST GUARD				SHEET NO.	
	PREPARED BY CG POC James B. Lobby	CHECKED BY: <i>[Signature]</i> CG ENS EODARDO J. CORTES Head, Project Performance and Evaluation	RECOMMENDED BY: <i>[Signature]</i> CG CDR FRANCISCO G. GAMALLO Deputy Commander, CSDS	APPROVED BY: <i>[Signature]</i> CG CAPT PRUDENCIO G. PATRICIO JR. (SSC) Commander, CSDS		



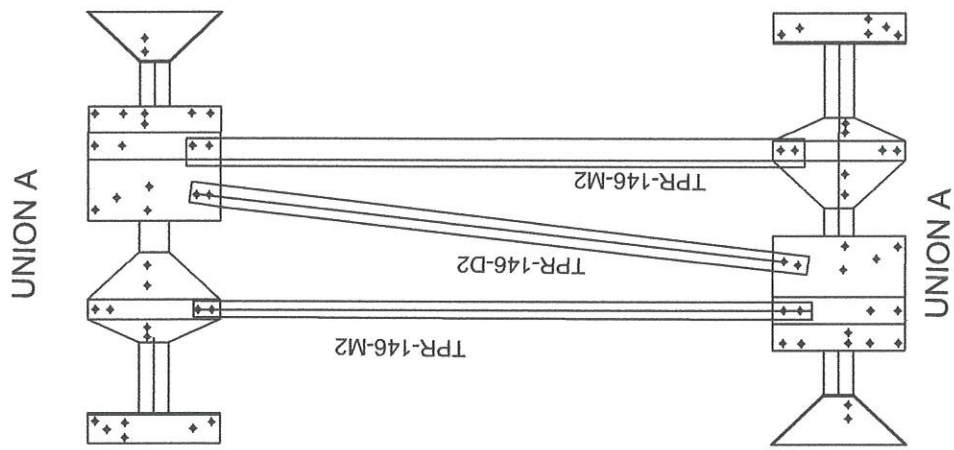
UNION PLATES DETAILS NTS



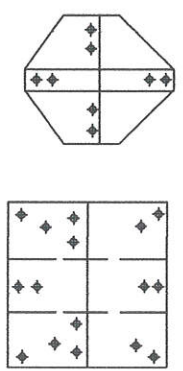
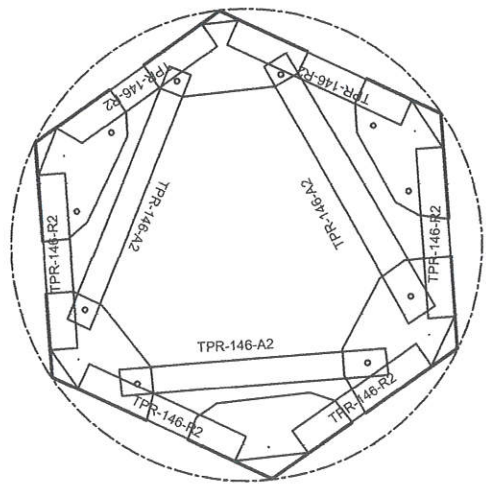
 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 150 25TH ST. FORT MENDOTA, CEBU		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION ITBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION : ITBAYAT WEST, CEBU OWNER : PHILIPPINE COAST GUARD PREPARED BY : CG PFC JAMES B. LUGHOY POIC CIVIL & STRUCTURAL BRANCH REVISION : _____ DATE : _____		CHECKED BY : <i>[Signature]</i> CG ENS EDUARDO J. CORTES Head, Project Performance and Evaluation RECOMMENDED BY : <i>[Signature]</i> CG CDR RAY GARNER, JR. Deputy Commander, CGIS APPROVED BY : <i>[Signature]</i> CG CAPT PRUDENCIO C. PATRICIO JR. (GSC) Commander, CGIS		SHEET NO. _____
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TOP PLATFORM CENTRAL SUPPORT

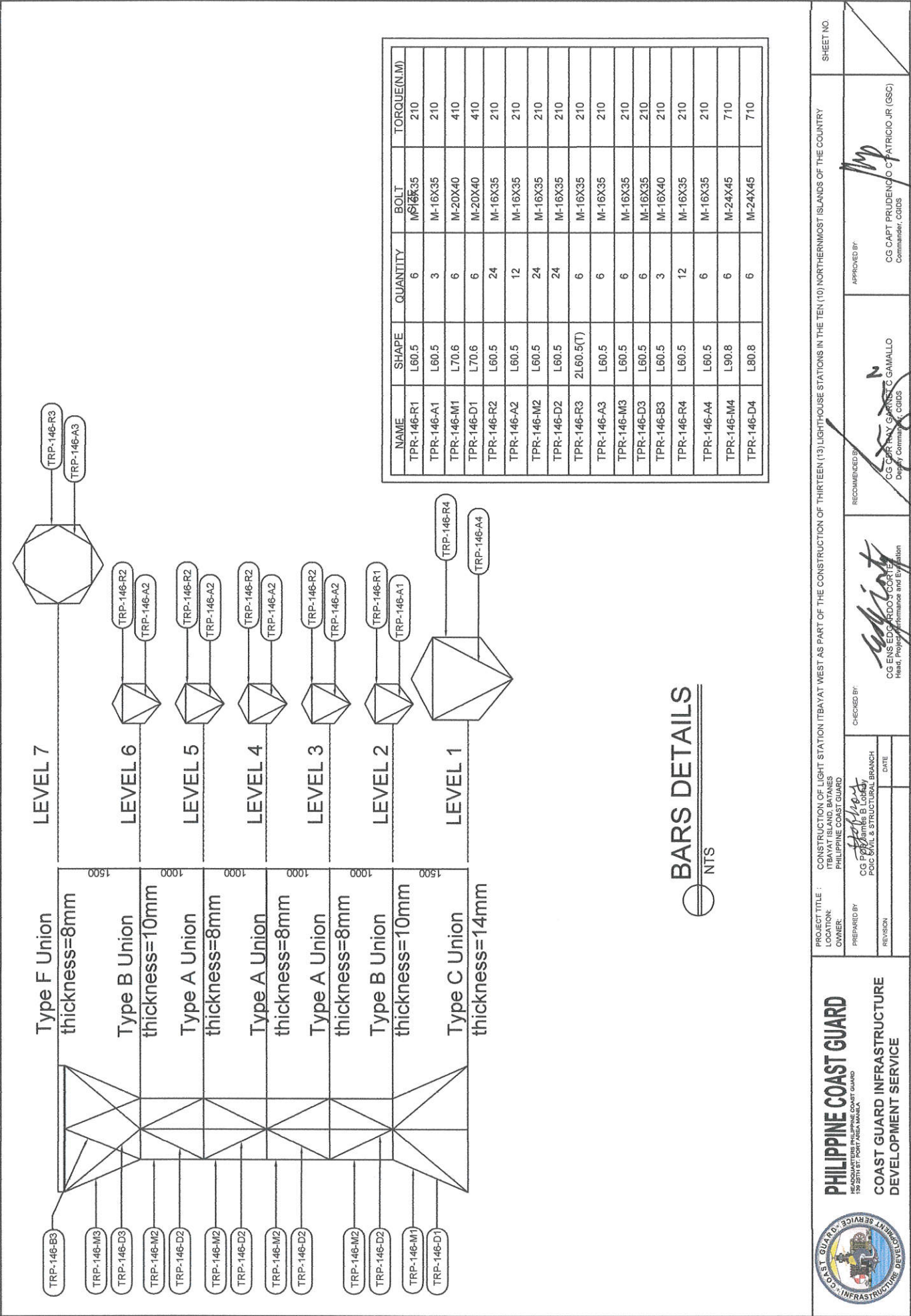


CENTRAL MODULES



UNION A

 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 135 SOUTH TOWN AVENUE, MANILA		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION ITBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION : ITBAYAT ISLAND, BATANES OWNER : PHILIPPINE COAST GUARD PREPARED BY : <i>James B. Lirioy</i> CG POIC CIVIL & STRUCTURAL BRANCH REVISION : DATE :		SHEET NO.
RECOMMENDED BY : <i>James B. Lirioy</i> CG POIC CIVIL & STRUCTURAL BRANCH Head, Project Management and Engineering		APPROVED BY : <i>Patricio Jr.</i> CG CAPT PRUDENCIO C. PATRICIO JR. (SSC) Commander, CGIS		/

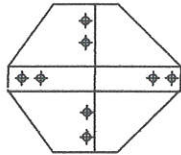
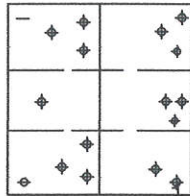
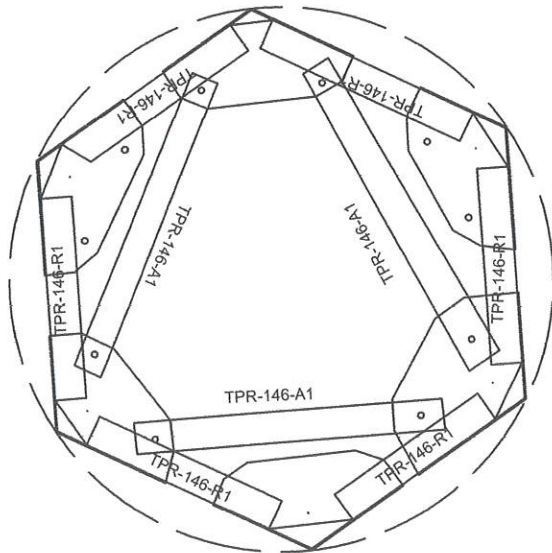


BARS DETAILS
NTS

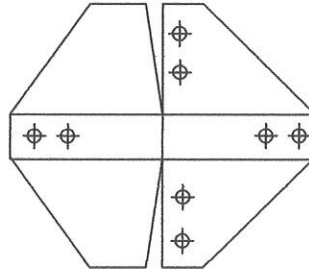
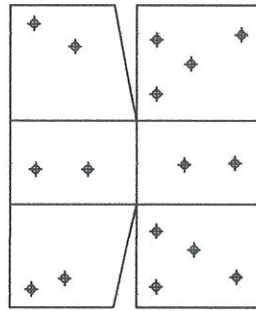
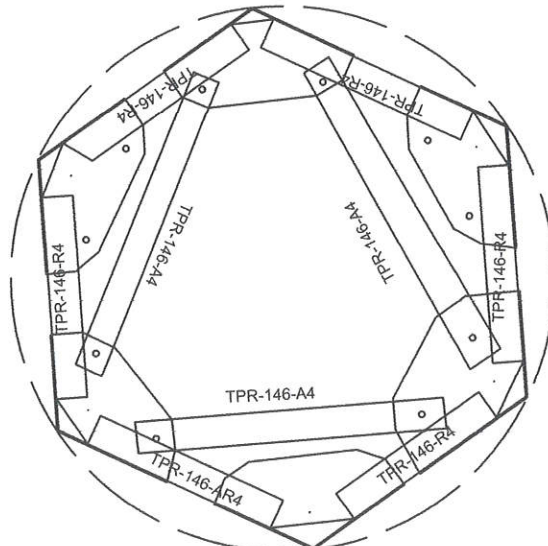
PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 138 SOUTH ST. PORT AREA WAREHOUSE		COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION ITBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY		SHEET NO.	
OWNER: PHILIPPINE COAST GUARD		PREPARED BY: CG POB JAMES B. LORAY POIC CIVIL & STRUCTURAL BRANCH		CHECKED BY: <i>[Signature]</i> CG ENS EDGARDO CORTES Head, Project Performance and Evaluation		APPROVED BY: <i>[Signature]</i> CG CAPT PRUDENCIO C. PATRICIO JR (GSC) Commander, CGDS	
REVISION:		DATE:		RECOMMENDED BY: <i>[Signature]</i> CG CAPT JAY GARCIA C. GAMALLO Deputy Commander, CGDS		APPROVED BY: <i>[Signature]</i> CG CAPT PRUDENCIO C. PATRICIO JR (GSC) Commander, CGDS	



 PHILIPPINE COAST GUARD HAGANAYATELLE PHILIPPINE COAST GUARD 150 3571 27 : PORT AREA MANILA	COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE						SHEET NO.
	PROJECT TITLE : CONSTRUCTION OF LIGHT STATION ITBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY						
	OWNER : PHILIPPINE COAST GUARD						
	PREPARED BY :		CHECKED BY:		RECOMMENDED BY:		APPROVED BY:
	CG POC MARINE BRANCH		CG POC CIVIL & STRUCTURAL BRANCH		CG ENGR RAN GARNER C GAMALLO CG Commanding CGIDS		CG CAPT PRUDEN DO PATRICIO JR (GSC) Commanding CGIDS
	REVISION	DATE					

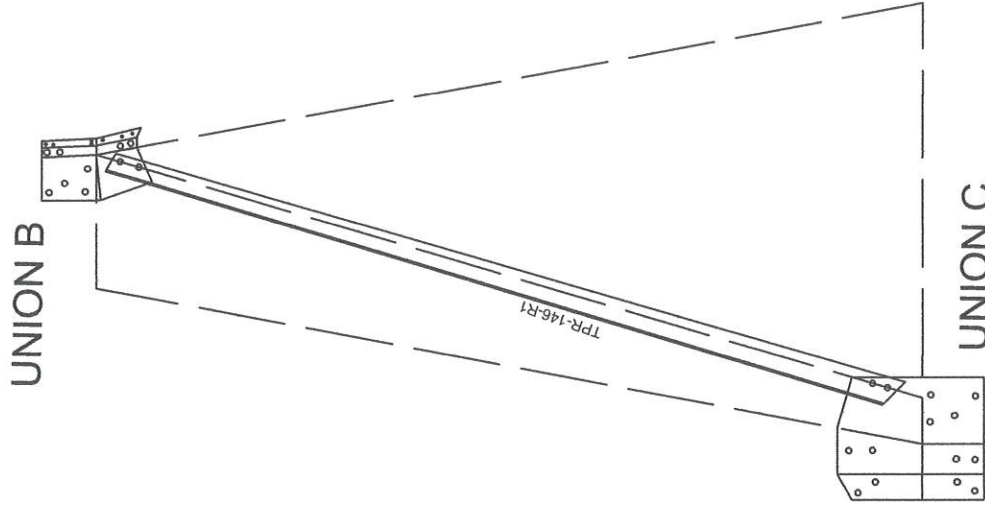


UNION B

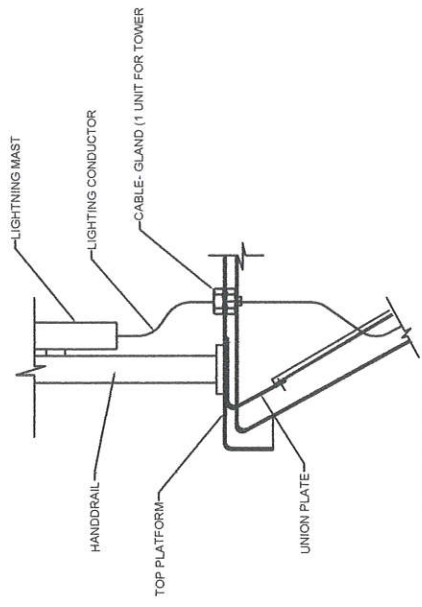
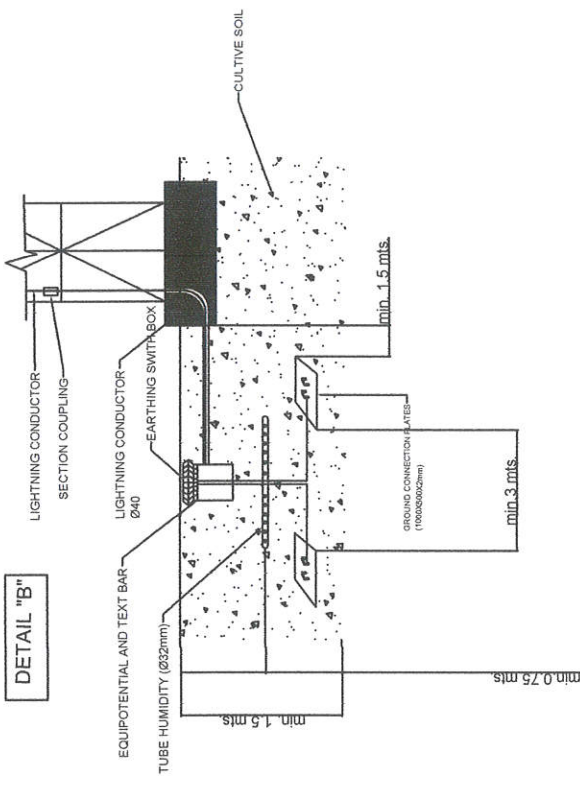
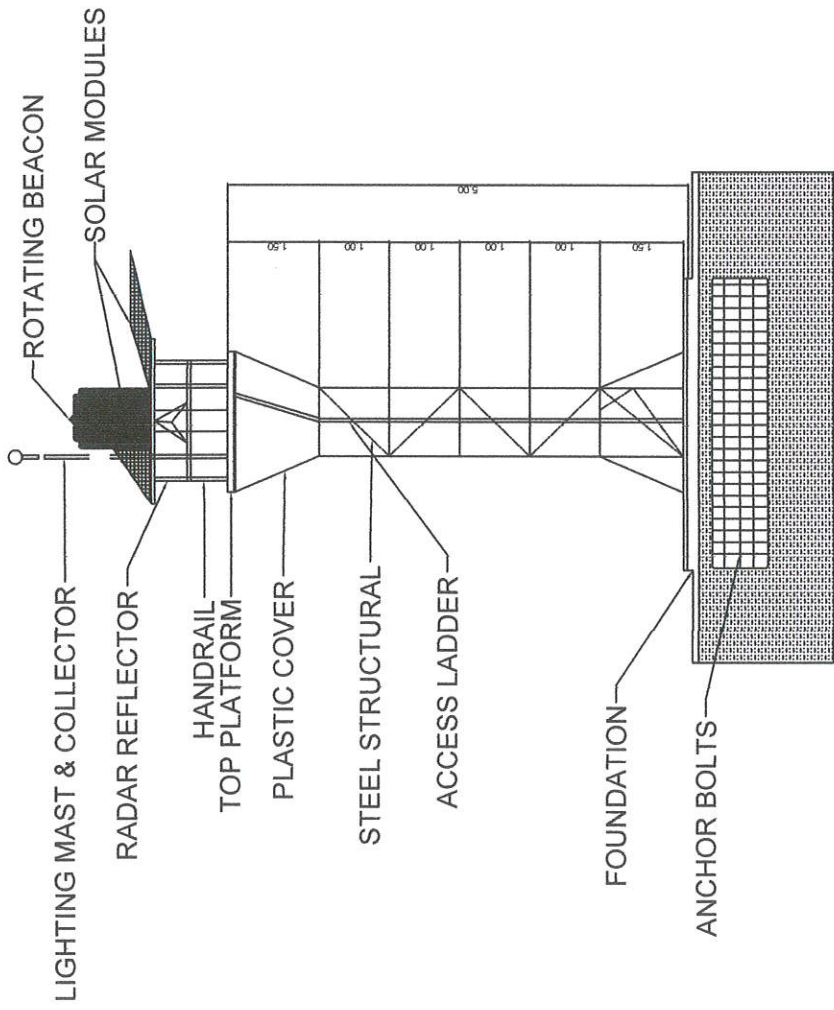


UNION C

CONE TRUNCATED
MODULE-2



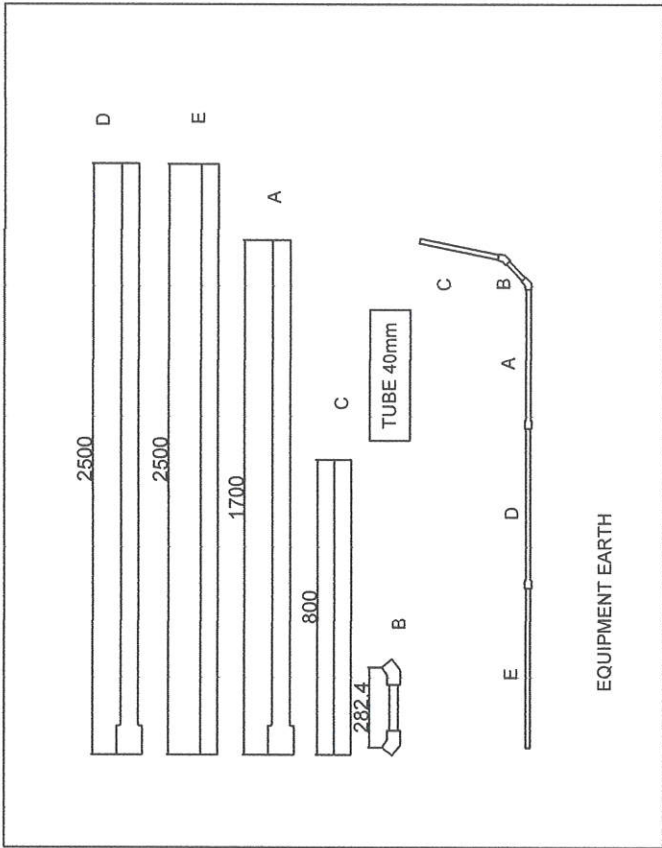
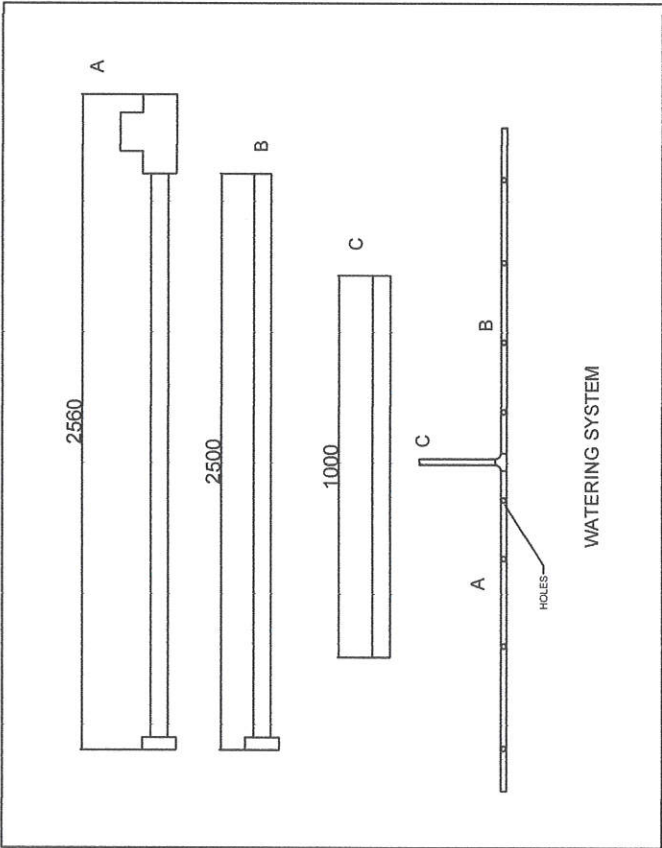
 PHILIPPINE COAST GUARD COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION ITBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERMOST ISLANDS OF THE COUNTRY LOCATION : ITBAYAT ISLAND, BATANES OWNER : PHILIPPINE COAST GUARD		SHEET NO.	
PREPARED BY : <i>James B. Lugo</i> POIC CIVIL & STRUCTURAL BRANCH	CHECKED BY : <i>James B. Lugo</i> CG ENS EDUARDO LOPEZ Head, Project Performance and Evaluation	RECOMMENDED BY : <i>James B. Lugo</i> CG CAPT RAY GABRIEL G. GABALLO Deputy Commander, CGDS	APPROVED BY : <i>James B. Lugo</i> CG CAPT PRUDENCIO C. PATRICIO JR (SSC) Commander, CGDS		
REVISION	DATE				



GROUNDING PROTECTION SYSTEM



PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 150 SOUTH AVENUE, PORT AREA, MANILA		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION ITBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION : ITBAYAT ISLAND, BATANES OWNER : PHILIPPINE COAST GUARD		SHEET NO.
PREPARED BY : <i>[Signature]</i> CG POC James B. Lora		RECOMMENDED BY : <i>[Signature]</i> CG CDR R. GABRIEL C. SAMALLO Deputy Commandant, CGIS		APPROVED BY : <i>[Signature]</i> CG CAPT PRUDENMO C. PATRICIO JR. (GSC) Commander, CGIS
REVISION : _____ DATE : _____		CHECKED BY : <i>[Signature]</i> CG ENS EDGARDO J. CORTES Head, Project Performance and Evaluation		
COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE				



PHILIPPINE COAST GUARD
INFRASTRUCTURE DEVELOPMENT SERVICE

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

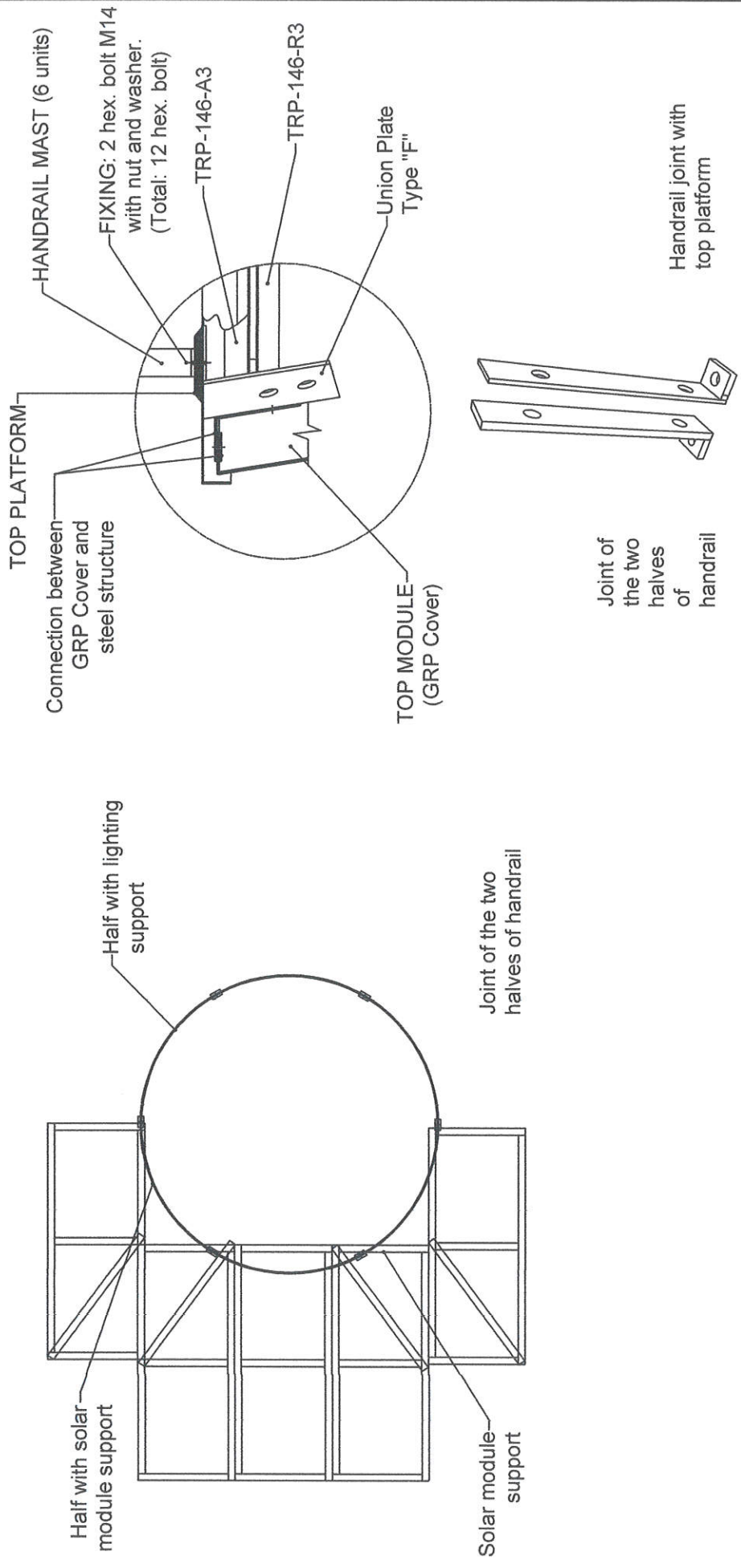
PREPARED BY: *Edith B. Lopez*
CG POEDITH B. LOPEZ
POIC CIVIL & STRUCTURAL BRANCH

CHECKED BY: *Edith B. Lopez*
CG ENS EDITH B. LOPEZ
Head, Project Performance and Evaluation

RECOMMENDED BY: *Edith B. Lopez*
CG CAPTAIN CARMELO C. GAMALLO
Deputy Commander, CGDS

APPROVED BY: *Edith B. Lopez*
CG CAPT PRUDENCIO C. PATRICIO JR. (SSC)
Commander, CGDS

SHEET NO.



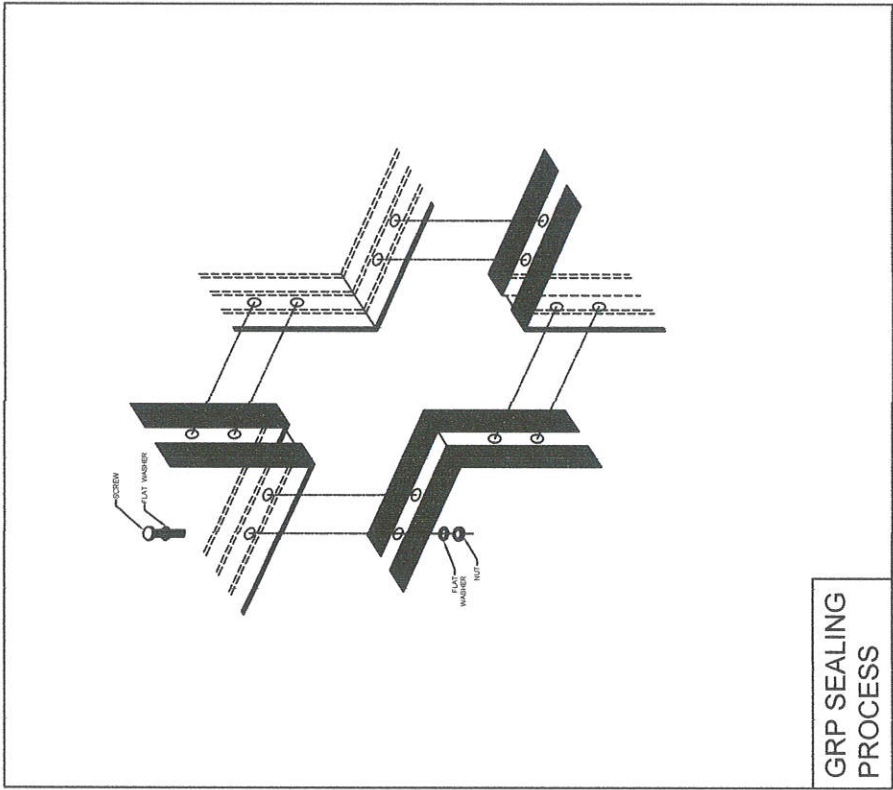
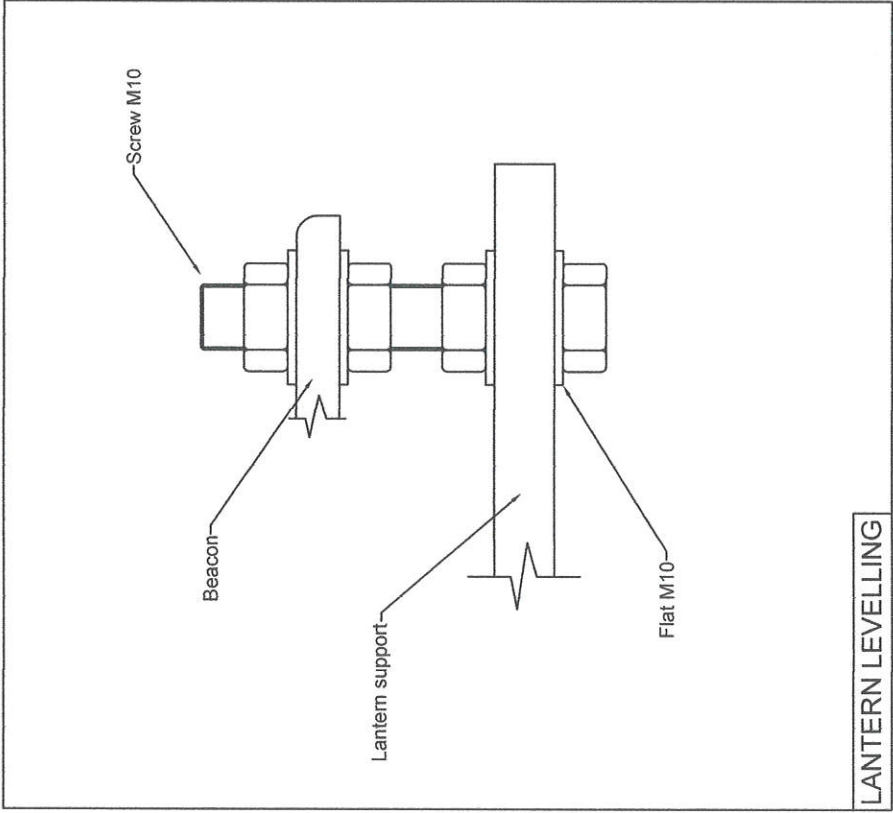
PROTECTION HANDRAIL NTS

 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 138 SOUTH PORT AREA MANILA COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE		PROJECT TITLE : CONSTRUCTION OF LIGHT STATION ITBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION: ITBAYAT ISLAND, BATANES OWNER: PHILIPPINE COAST GUARD		SHEET NO.	
PREPARED BY: <i>[Signature]</i> CG P03 <i>[Signature]</i> B. LORON POIC CIVIL & STRUCTURAL BRANCH	REVISION	CHECKED BY: <i>[Signature]</i> CG ENS EUGENIO J. ROSARIO Head, Training, Performance and Evaluation	RECOMMENDED BY: <i>[Signature]</i> CG CAPT RAY GABRIEL C. GAILLO Deputy Commander, CGUS	APPROVED BY: <i>[Signature]</i> CG CAPT PRUDENCIO C. PATRICIO JR (SSC) Commander, CGUS	DATE



Lantern Support

 PHILIPPINE COAST GUARD HEADQUARTERS PHILIPPINE COAST GUARD 130 25TH ST. PORT ASIA MANILA	PROJECT TITLE : CONSTRUCTION OF LIGHT STATION (TBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY LOCATION : MANILA OWNER : PHILIPPINE COAST GUARD		PREPARED BY : <i>Jeffrey B. Loo</i> CG PO3 JEFFREY B. LOO CGIC CIVIL & STRUCTURAL BRANCH		CHECKED BY : <i>Edgardo Cortez</i> CG ENS EDGARDO CORTEZ Deputy Commander, POCIS	RECOMMENDED BY : <i>[Signature]</i> CG CAPT JUAN CARLOS CAMALLO Deputy Commander, POCIS	APPROVED BY : <i>[Signature]</i> CG CAPT PRUDENCIO C. PATRICIO JR (GSC) Commander, CGIS	SHEET NO.
	REVISION		DATE		CONSTRUCTION OF LIGHT STATION (TBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY)			



PHILIPPINE COAST GUARD
HEADQUARTERS PHILIPPINE COAST GUARD
102 SOUTH PORT AREA, MANILA

COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE

PROJECT TITLE :
LOCATION :
OWNER :
PREPARED BY :
REVISION :

CONSTRUCTION OF LIGHT STATION ITBAYAT WEST AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY

ITBAYAT ISLAND, BATANES
PHILIPPINE COAST GUARD

CG POC CIVIL & STRUCTURAL BRANCH
POC CIVIL & STRUCTURAL BRANCH

DATE

CHECKED BY :
RECOMMENDED BY :
APPROVED BY :

CG ENS EDGARDO S. LOPEZ
Head, Project Performance and Evaluation

CG CDR FAN CARMELO O. GAMBALLO
Deputy Commander, CGIDS

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

SHEET NO.