



PHILIPPINE COAST GUARD
HEADQUARTERS PHILIPPINE COAST GUARD
139 25TH ST. PORT AREA MANILA
COAST GUARD INFRASTRUCTURE
DEVELOPMENT SERVICE

DRAWN BY:	REVISION	RE-VALIDATION
	DATE	05-08-19
CHECKED BY:		
OWNER :		
LOCATION :		
PROJECT TITLE :		

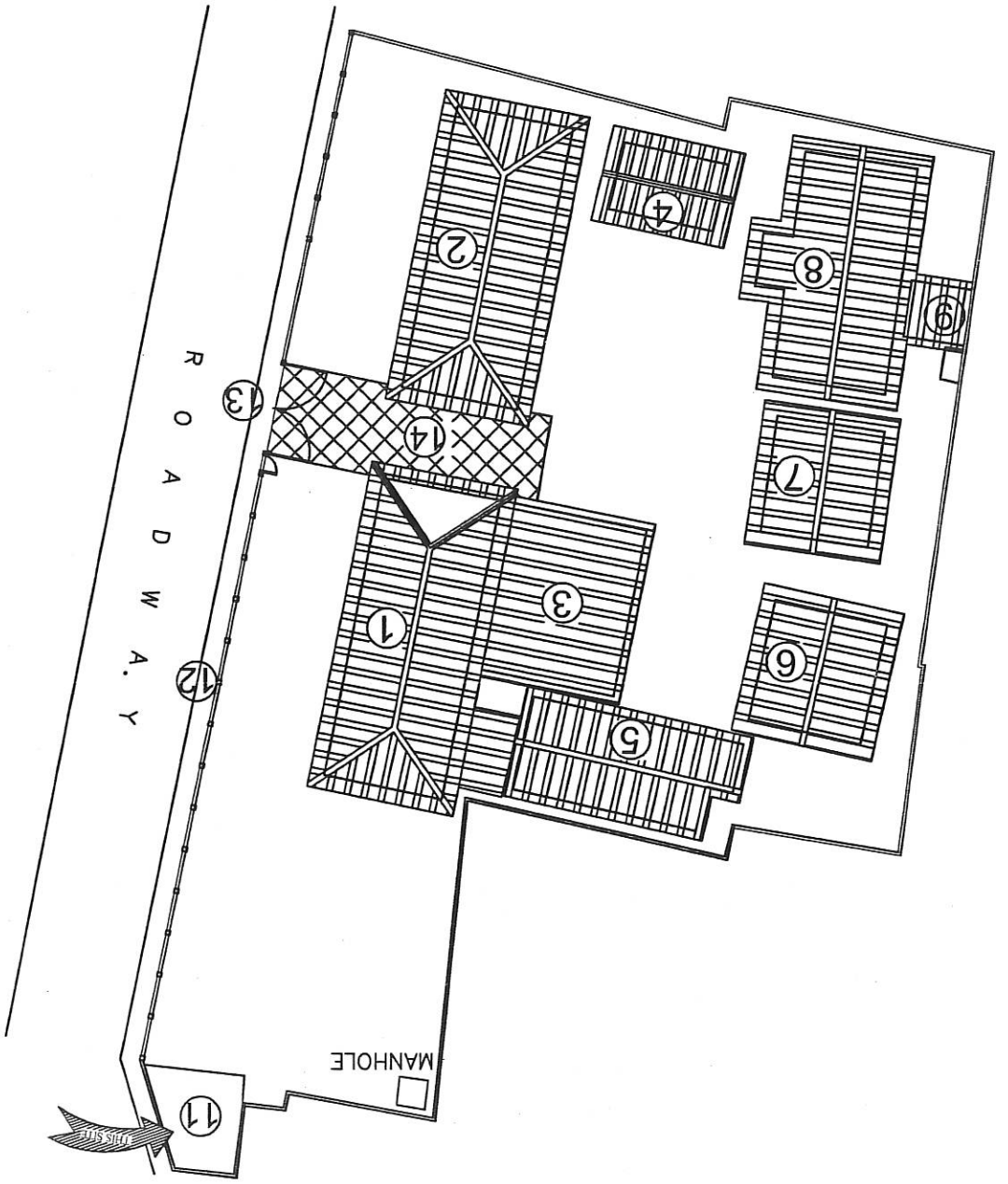
PROPOSED CONSTRUCTION OF GENSET PAD AND INSTALLATION OF GENSET WIRINGS, ACCESSORIES AND EQUIPMENT
PHILIPPINE COAST GUARD
COAST GUARD DISTRICT SOUTH EASTERN MINDANAO, SASA WHARF, DAVAO CITY

RECOMMENDED BY:
HILARIO A. ADAYA, REE
Engineer IV, CGIDS

APPROVED BY:
CDR LUISER PAUL M. MARIANO JR PCG
Commander, CGIDS

E
01
SHEET NO.

SCALE
SITE DEVELOPMENT PLAN
MTS



- LEGEND:
- A: EXISTING STRUCTURE/FACILITIES
 - 1 - CG DISTRICT ADMIN BUILDING
 - 2 - CG-MEPGRU BUILDING
 - 3 - MULTI-PURPOSE SHADED BUILDING
 - 4 - MEDICAL / DENTAL BUILDING
 - 5 - WARDROOM / BOQ
 - 6 - GALLERY / MESHALL
 - 7 - DRG BUILDING
 - 8 - EP BARRACKS
 - 9 - COMMON HEAD (C.R.)
 - A: PROPOSED REPAIR/RENOVATION AND CONSTRUCTION OF STRUCTURES / FACILITIES
 - 11 - PROPOSED CONSTRUCTION OF GENSET PAD AND INSTALLATION OF GENSET WIRINGS, ACCESSORIES, AND EQUIPMENT
 - 12 - PROPOSED CONCRETE / STEEL FENCE (Height = 2.75 m, Length total = 67.70 m, see plan) (Phase 2)
 - 13 - PROPOSED MAIN GATE/ENTRANCE (Steel Gate, see plan)
 - 14 - MAIN ENTRANCE PAVEMENT



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Commander, CGIDS

E
02

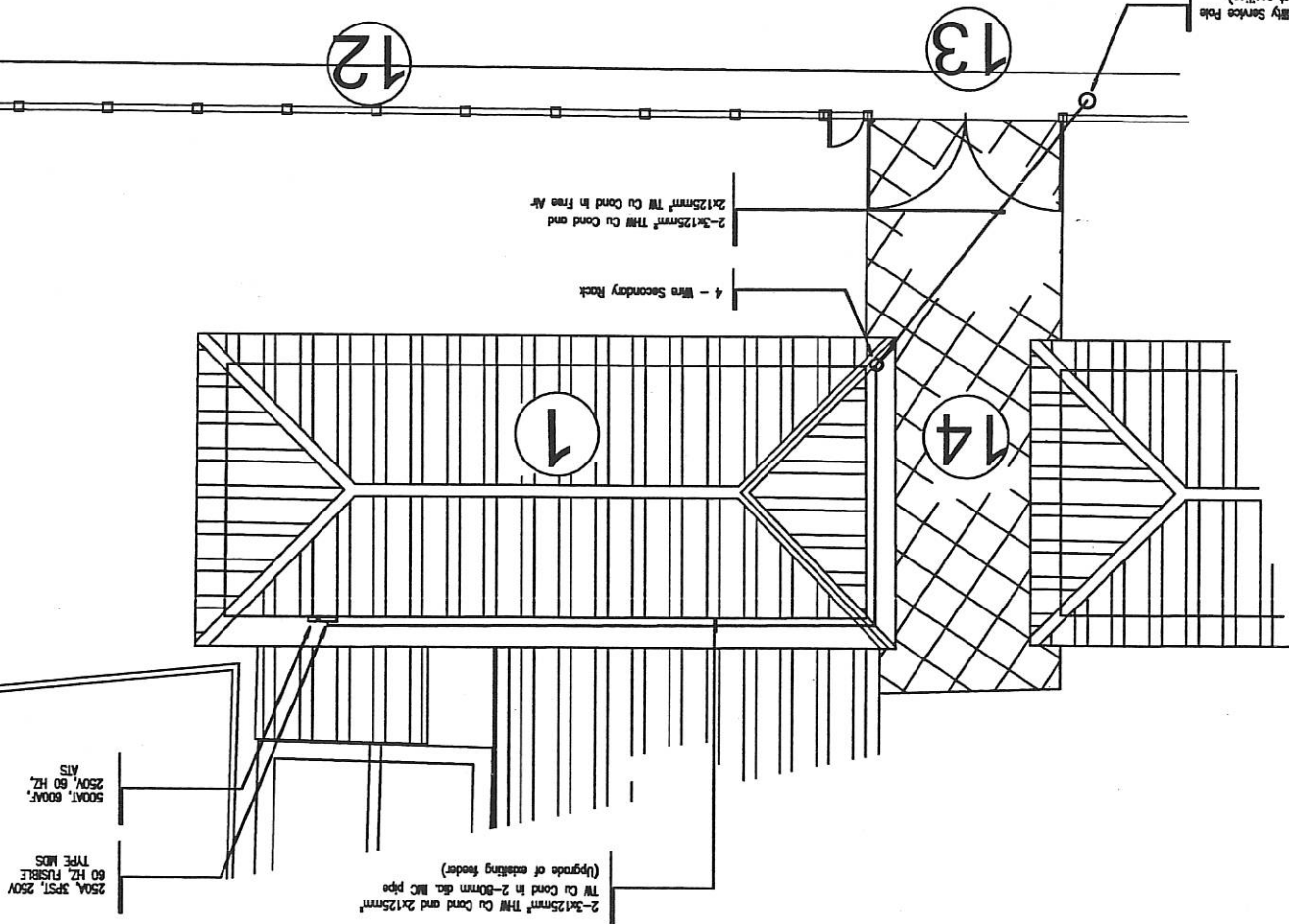
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LOCATION : COAST GUARD DISTRICT SOUTH EASTERN MINDANAO, SASA WHARF, DAVAO CITY
OWNER : PHILIPPINE COAST GUARD

SCALE
MAIN FEEDER LAYOUT
MIS

R
O
A
D
A
Y

Existing Utility Service Pole
(verify exact position)



- LEGEND:
- 1 - CG DISTRICT ADMIN BUILDING
 - 2 - CG-MEPGRU BUILDING
 - 3 - MULTI-PURPOSE SHADED BUILDING
 - 4 - MEDICAL / DENTAL BUILDING
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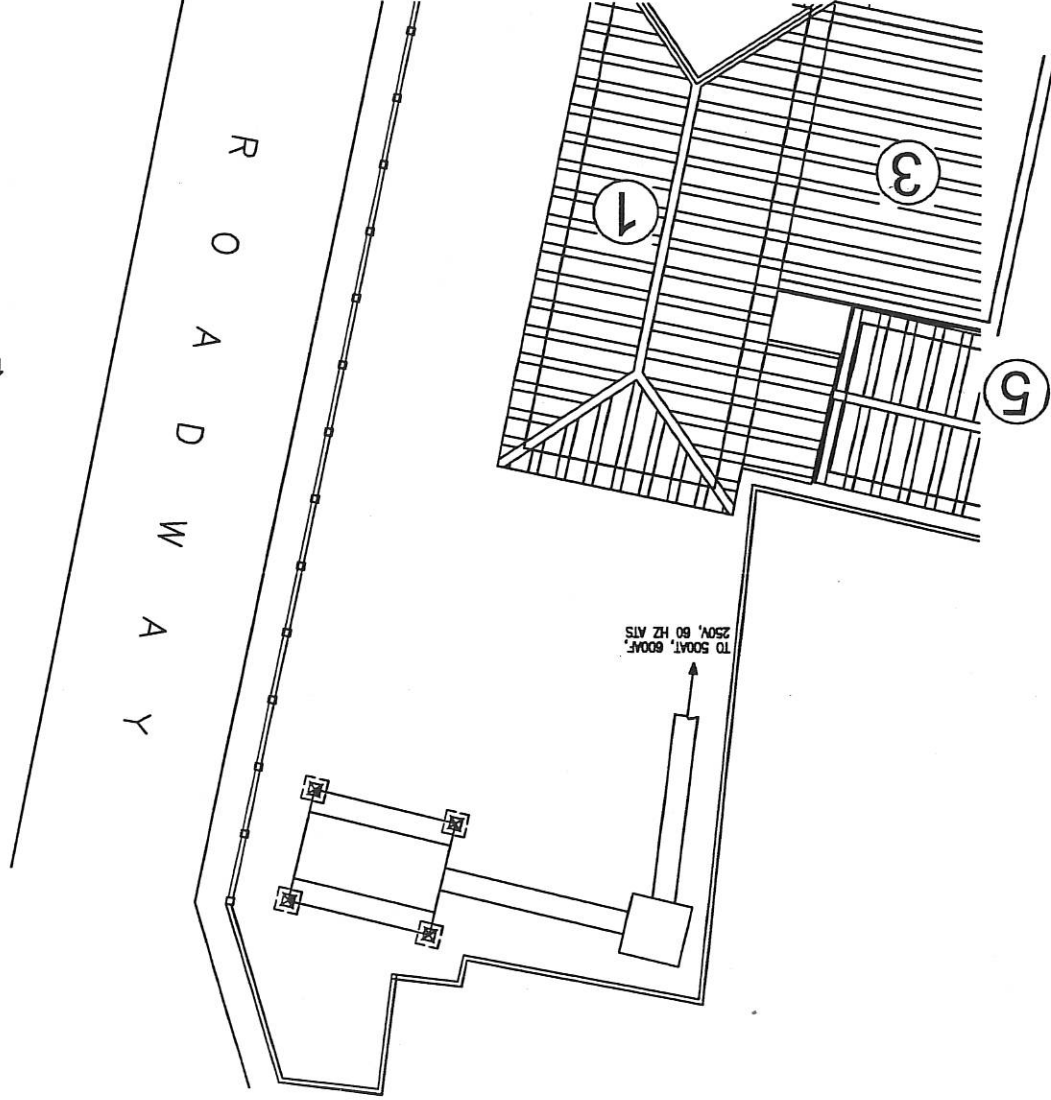
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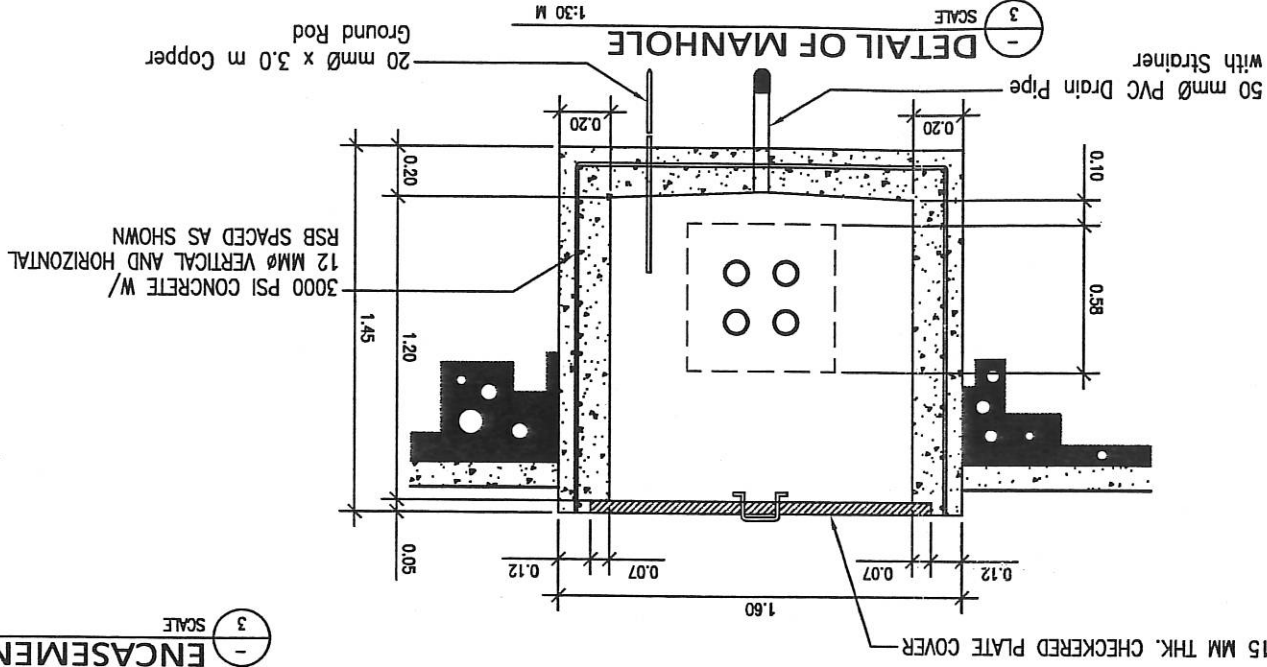
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03

SHEET NO.

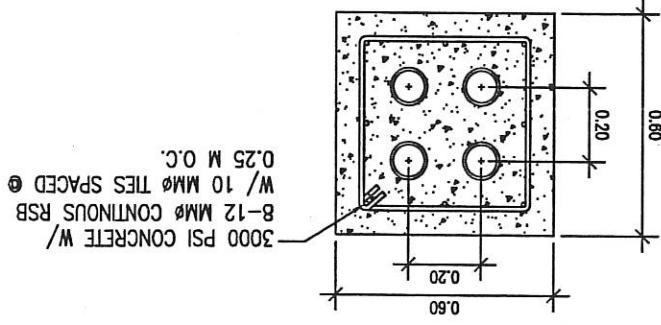
3
SCALE
SITE DEVELOPMENT PLAN
1:200 M



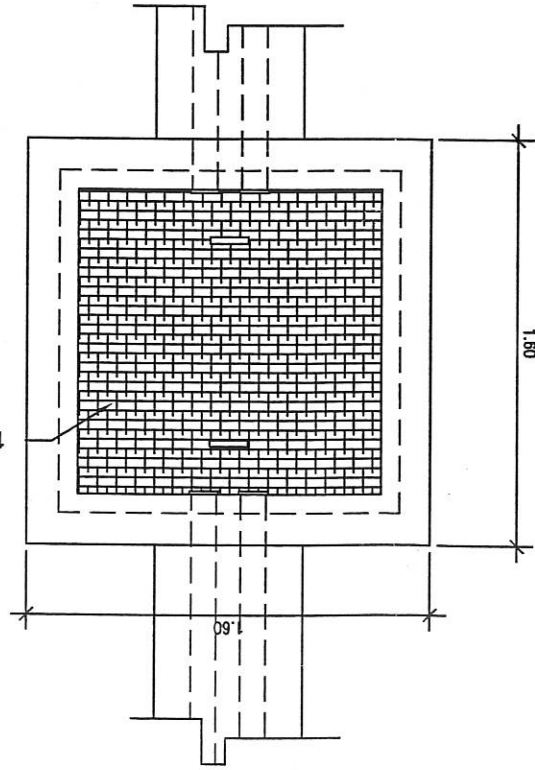
3
SCALE
DETAIL OF MANHOLE
1:30 M



3
SCALE
DETAIL OF CONCRETE
ENCASEMENT
1:20 M



15 MM THK. CHECKERED PLATE COVER





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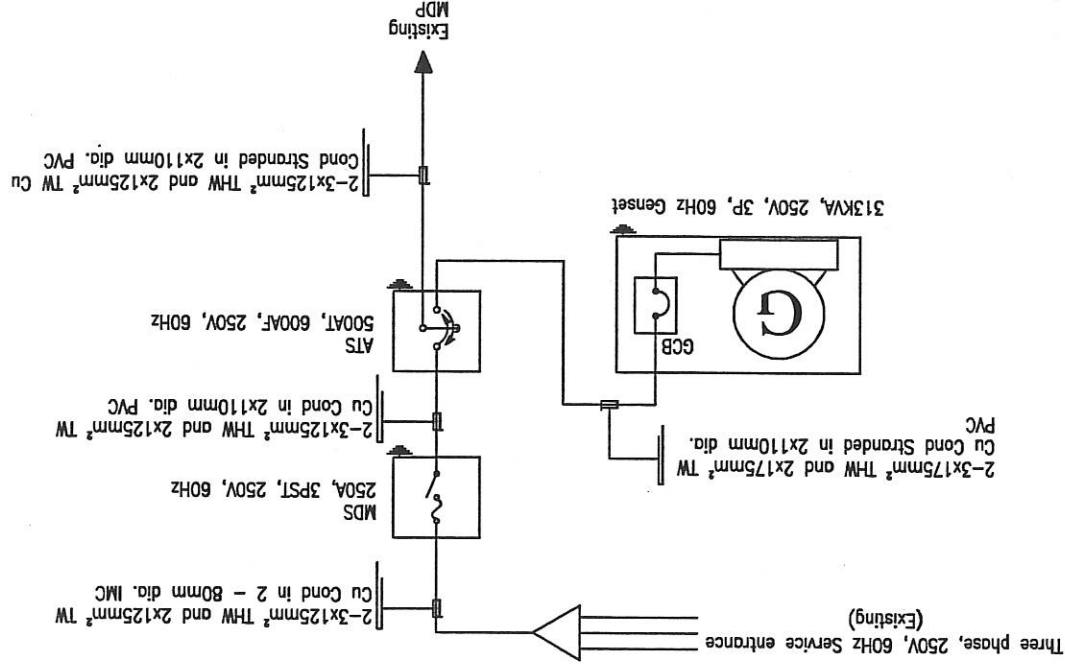
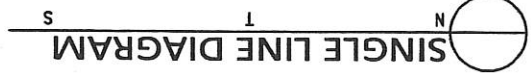
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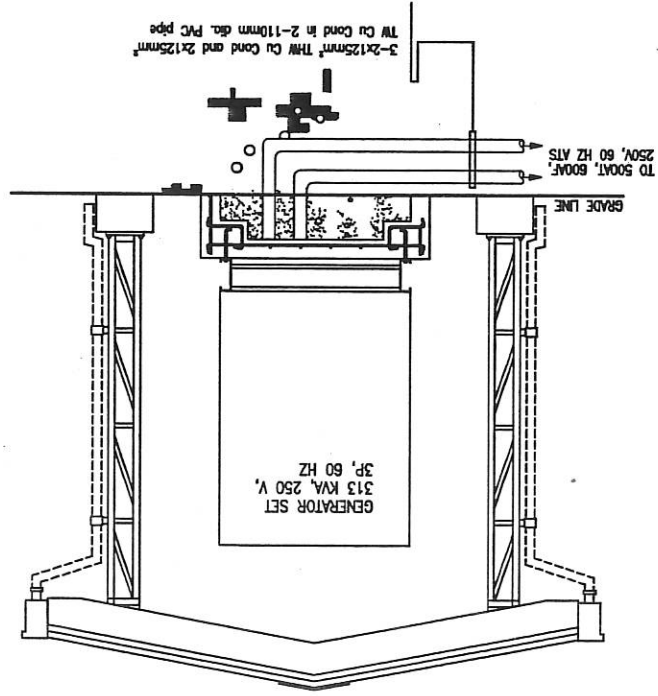
OWNER : PHILIPPINE COAST GUARD

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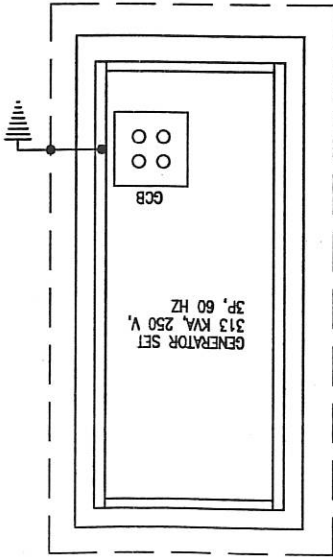
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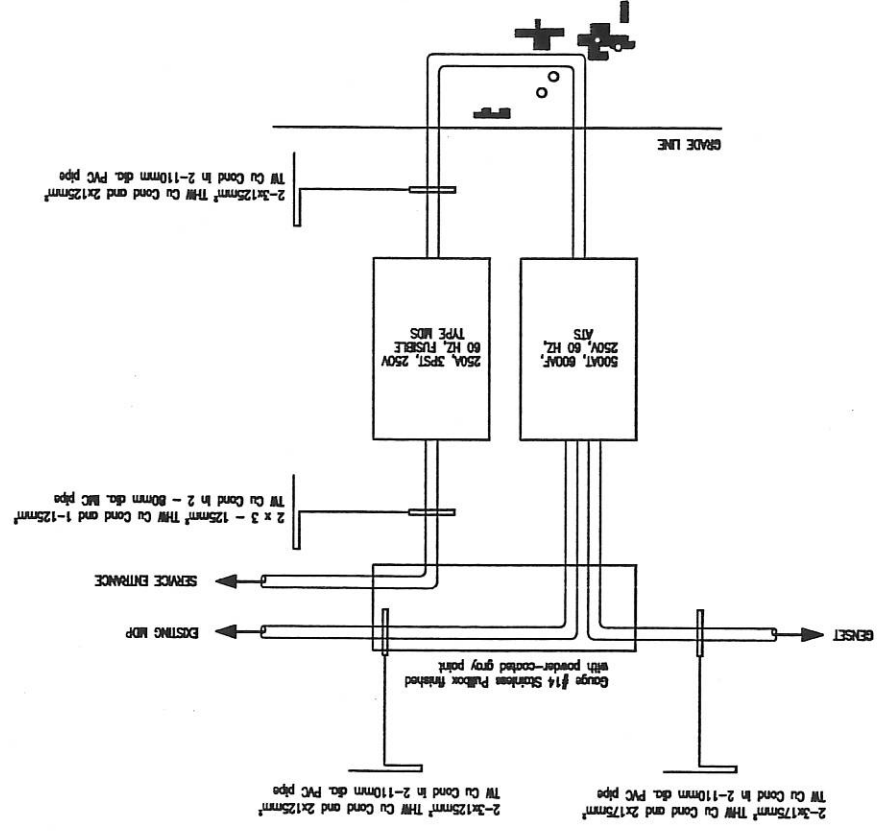
LAYOUT PLAN
SCALE
1:60 M



LAYOUT PLAN
SCALE
1:60 M



LAYOUT PLAN
SCALE
NTS





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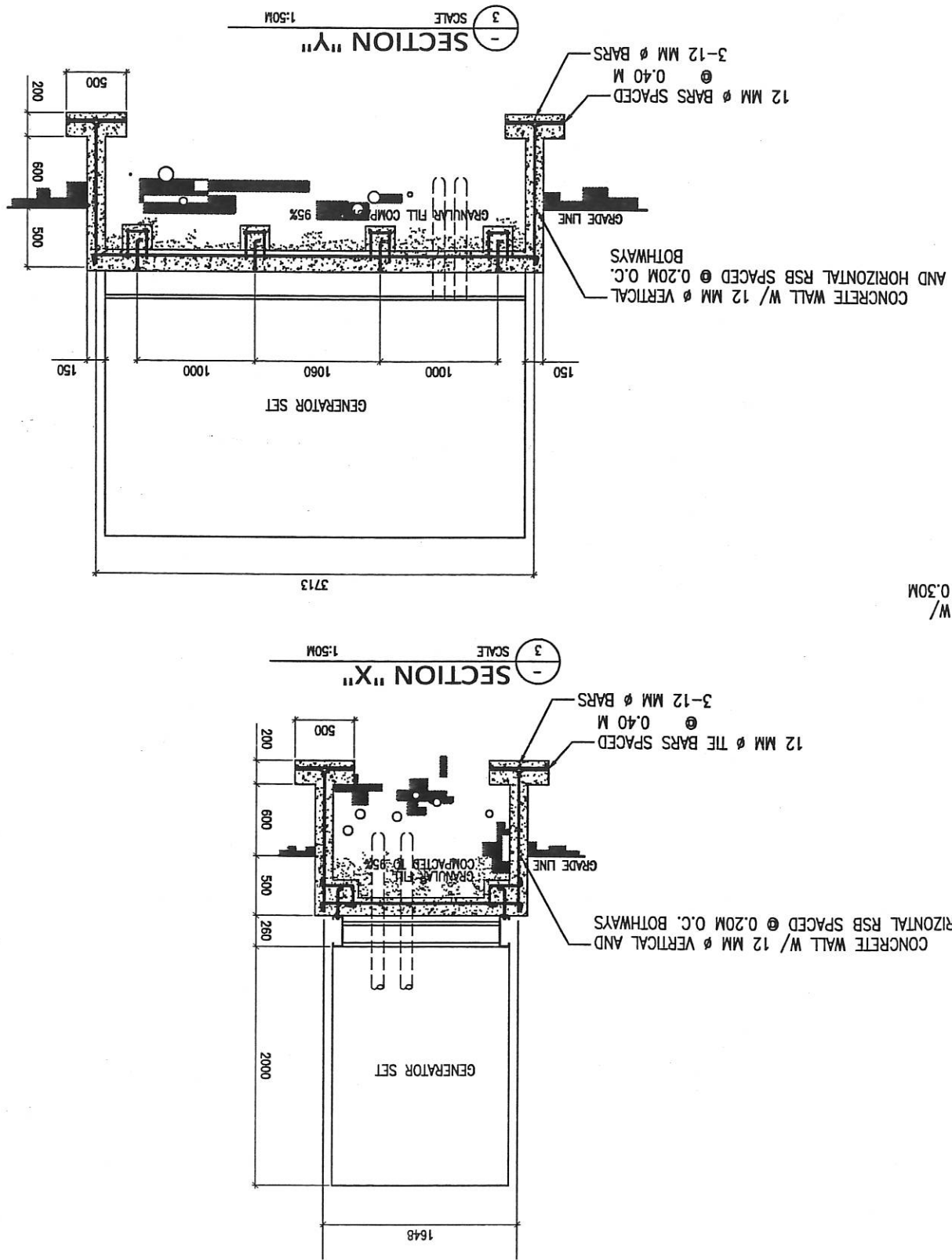
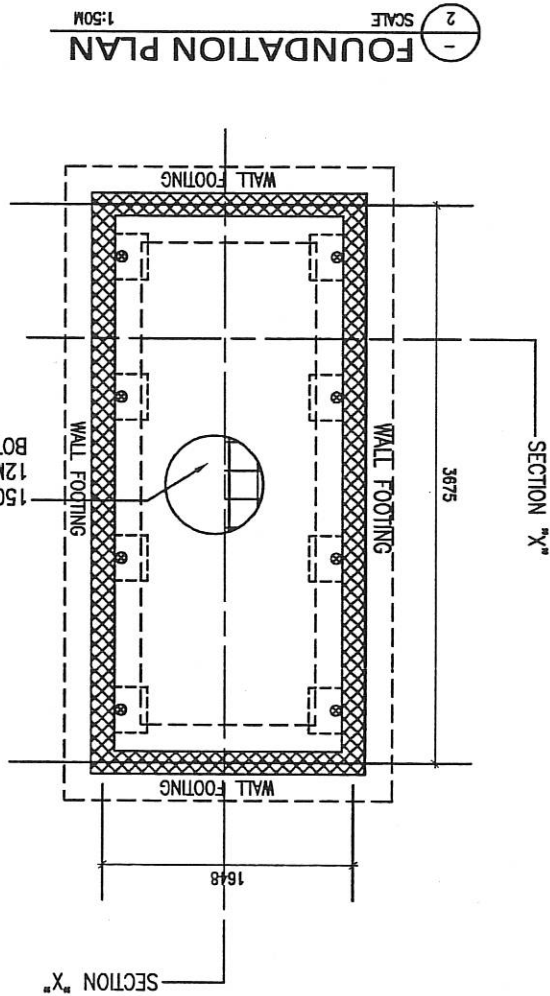
HILARIO A. ADAYA,
Engineer IV, CGIDS

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E

90





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APPROVED BY:
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Commander, CGIDS

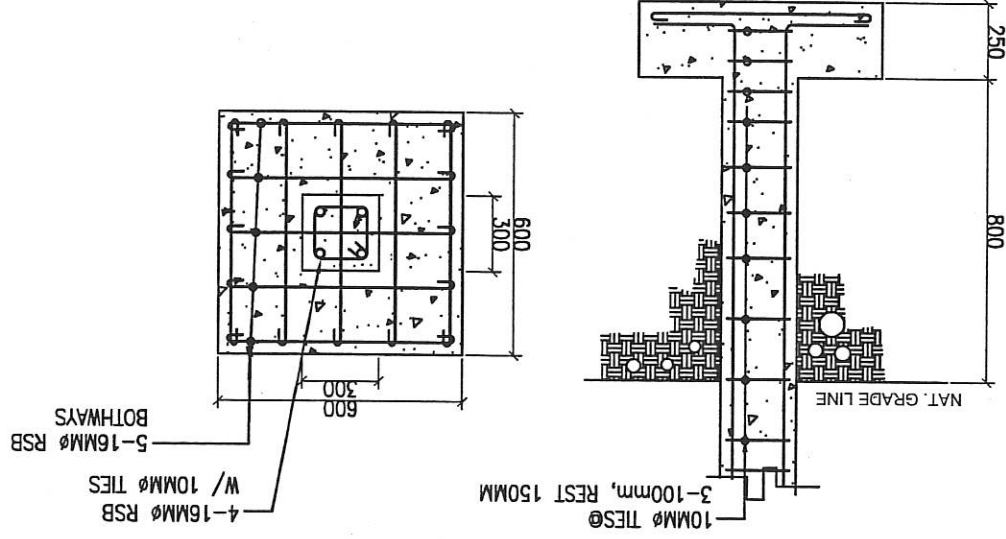
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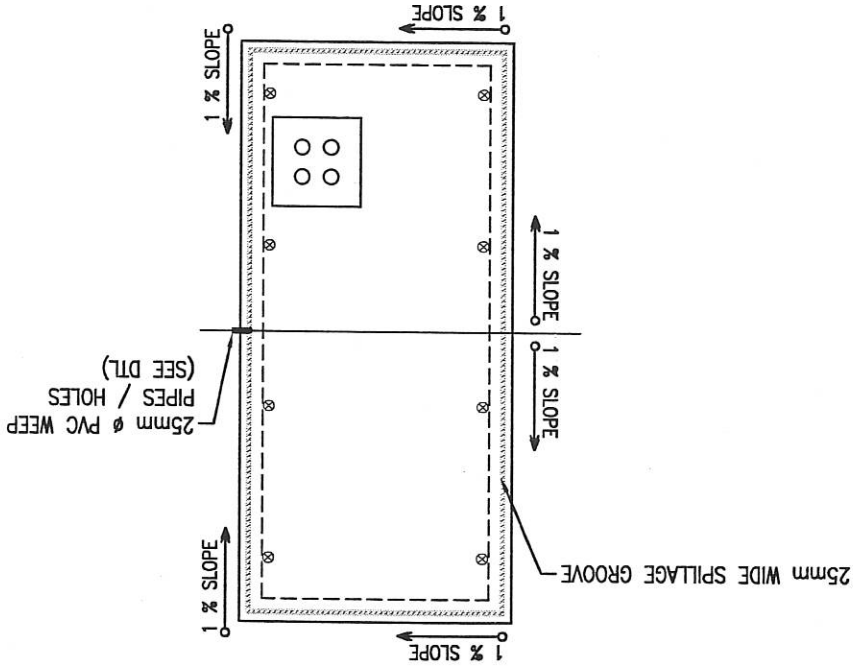
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06

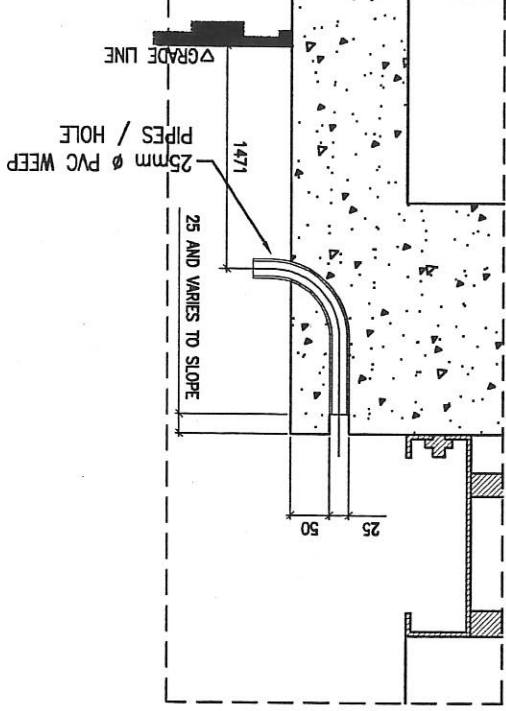
A **2** **SCALE**
COLUMN FTNG DTL
1:25



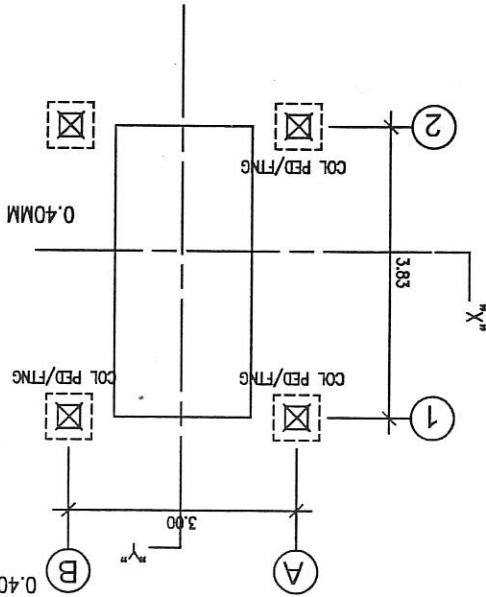
1 **SCALE**
DTL OF SPILLAGE GROOVE
1:50M



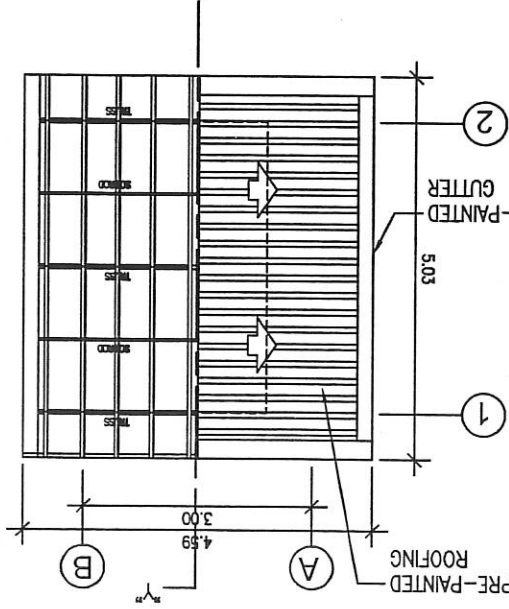
1 **SCALE**
BLOW-UP DETAIL
NTS



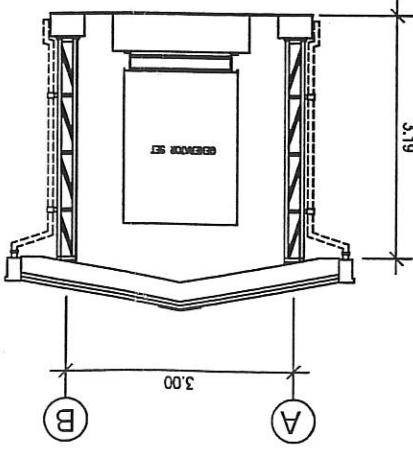
A **2** **SCALE**
LAY-OUT PLAN
1:100 M



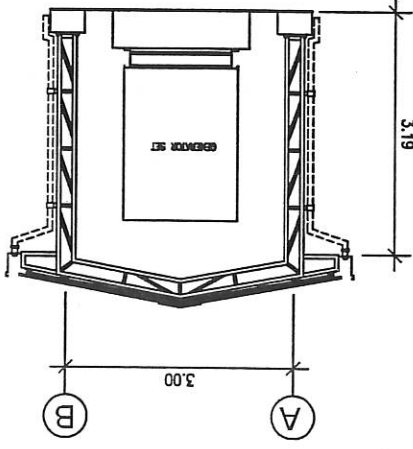
A **2** **SCALE**
ROOF PLAN
1:100 M



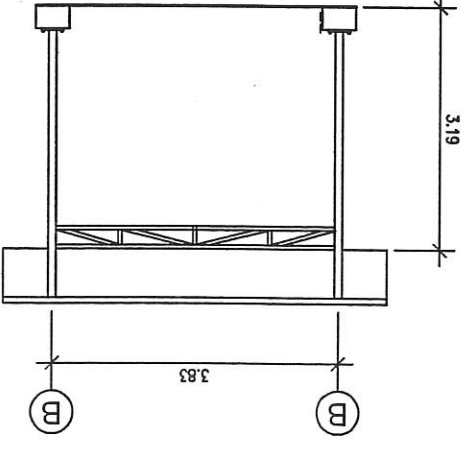
A **2** **SCALE**
FRONT ELEV
1:100 M



A **2** **SCALE**
CROSS-SECTION
1:100 M



A **2** **SCALE**
LONGITUDINAL SECTION
1:100 M



C-PURLINS-2.0MM THK. X 50MM X 75MM
SOG ROD - 16MM# PLAN BAR
FRAME MAIN CHORD - 6MM THK. X 50MM X 500 ANGLE BAR
WEB MEMBER - 6MM THK. X 38MM X 38 ANGLE BAR



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			HILARIO A. ADAYA, REE Engineer IV, CGIDS	CDR LAUREL PAUL MAMIANO JR, PCG Commander, CGIDS
SHEET NO.			E 07	

1. ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC); THE RULES AND REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS PERTAINING TO THE PRACTICE OF ELECTRICAL ENGINEERING AND THE REQUIREMENT OF THE LOCAL UTILITY COMPANY.
2. ALL ELECTRICAL WORKS SHALL BE UNDER THE IMMEDIATE SUPERVISION OF A DULY LICENSED PROFESSIONAL ELECTRICAL ENGINEER OR A REGISTERED ELECTRICAL ENGINEER OR A REGISTERED MASTER ELECTRICIAN.
3. NO REVISIONS SHALL BE DONE WITHOUT PRIOR KNOWLEDGE OR APPROVAL OF THE DESIGNER/ENGINEER.
4. ALL WIRINGS SHALL BE PROVIDED WITH AN ADDITIONAL GROUND WIRE WHICH SHALL BE CONTINUES THROUGHOUT THE WHOLE SYSTEM AND PROPERLY BONDED AND GROUNDED AS PROVIDED IN THE PHILIPPINE ELECTRICAL CODE.
5. ALL SERVICE/ELECTRICAL EQUIPMENT SUCH AS SAFETY SWITCHES, PANELBOARDS, METALLIC BOXES AND CABINETS, RACEWAYS, ETC. SHALL BE PROPERLY GROUNDED AS PROVIDED IN THE PHILIPPINE ELECTRICAL CODE.
6. THE ELECTRICAL SERVICE ENTRANCE SHALL BE THREE PHASE, 3-WIRE PLUS GROUND, 230 V, 60HZ.
7. ALL MATERIALS TO BE USED SHALL BE BRAND NEW, STANDARD, AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE INTENDED TO AND SUBJECT TO THE APPROVAL OF THE DESIGNER/ENGINEER.

LEGEND:

	SERVICE ENTRANCE
	MDS (MAIN DISCONNECTING SWITCH)
	ATS (AUTOMATIC TRANSFER SWITCH)
	GENERATOR SET
	GROUND