



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

DRAWN BY:	REVISION	RE-VALIDATION
	DATE	04-30-19

CHECKED AND SUBMITTED BY:	RECOMMENDED BY:	HILARIO A. ADAYA, REE Engineer IV, CGIDS	APPROVED BY: CPT LAUREL PAUL MARIANO JR PCG Commander, CGIDS	E	01

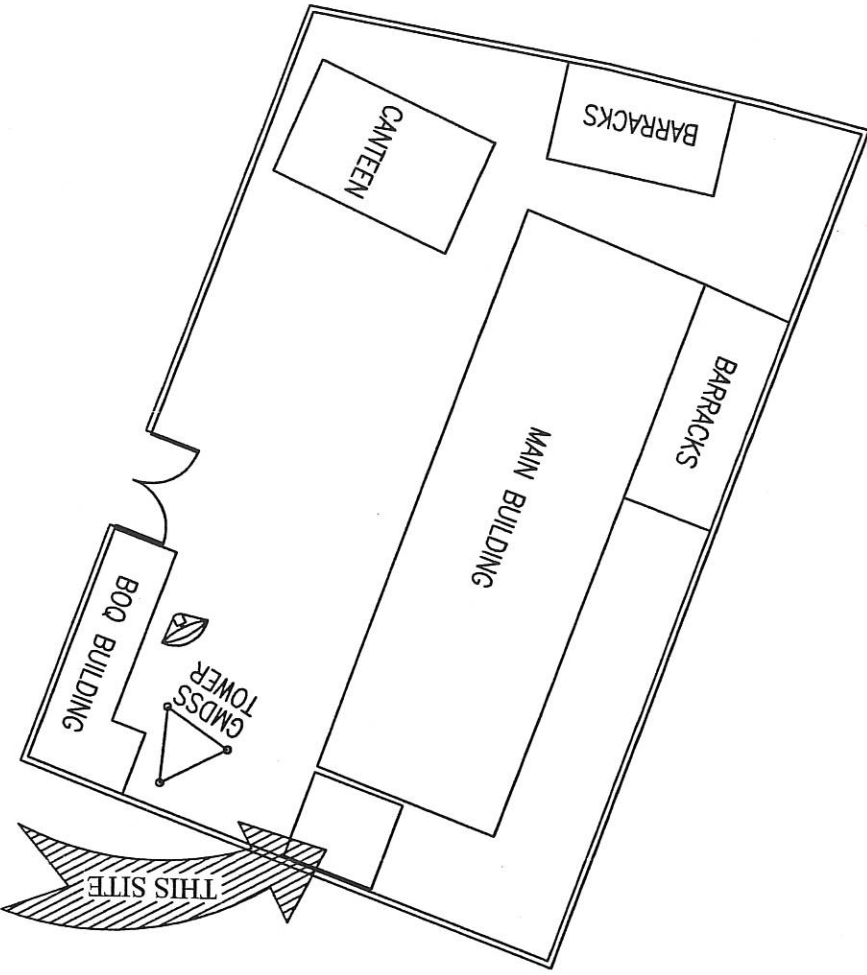
PROJECT TITLE :	PROPOSED CONSTRUCTION OF GENSET PAD AND INSTALLATION OF GENSET WIRINGS, ACCESSORIES AND EQUIPMENT
LOCATION :	COAST GUARD NORTHERN MINDANAO, CORRALES EXTENSION, PORT AREA, CAGAYAN DE ORO CITY
OWNER :	PHILIPPINE COAST GUARD

GENERAL NOTES:

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 SINGLE PHASE, 2-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 (SINGLE PHASE)
⏏	MDS (MAIN DISCONNECTING SWITCH)
⏏	ATS (AUTOMATIC TRANSFER SWITCH)
⏏	GENERATOR SET
⏏	GROUND



SITE DEVELOPMENT PLAN
SCALE 1:400 M



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APPROVED BY:

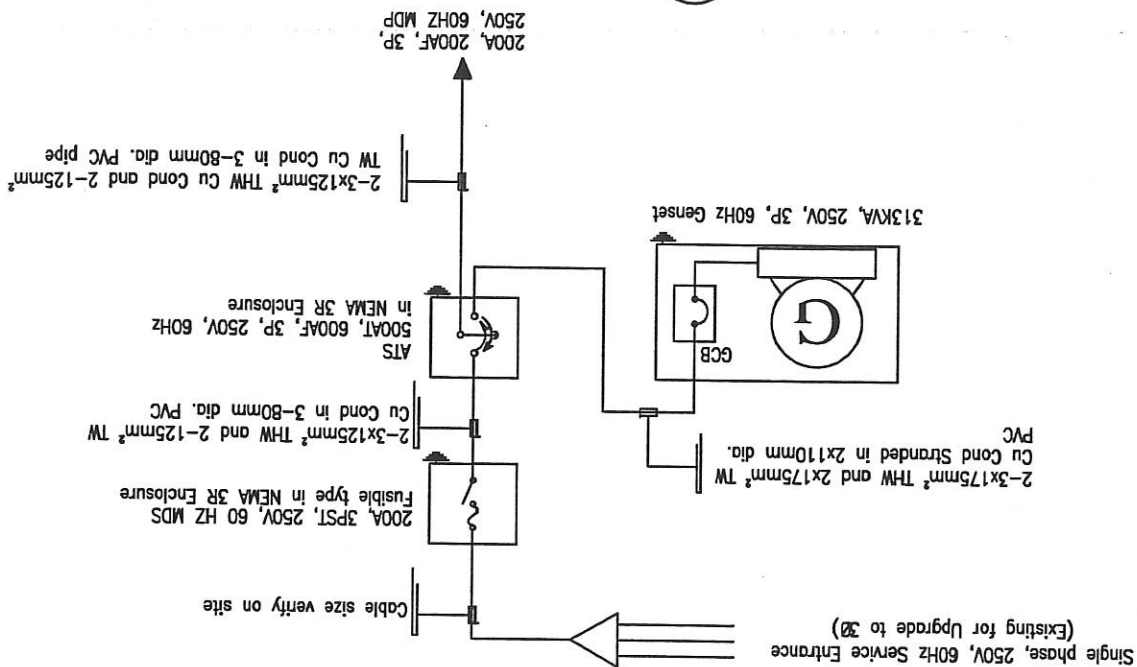
CDR LAUREN PAUL M. MARIANO JR PCG
Commander, CGIDS

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02

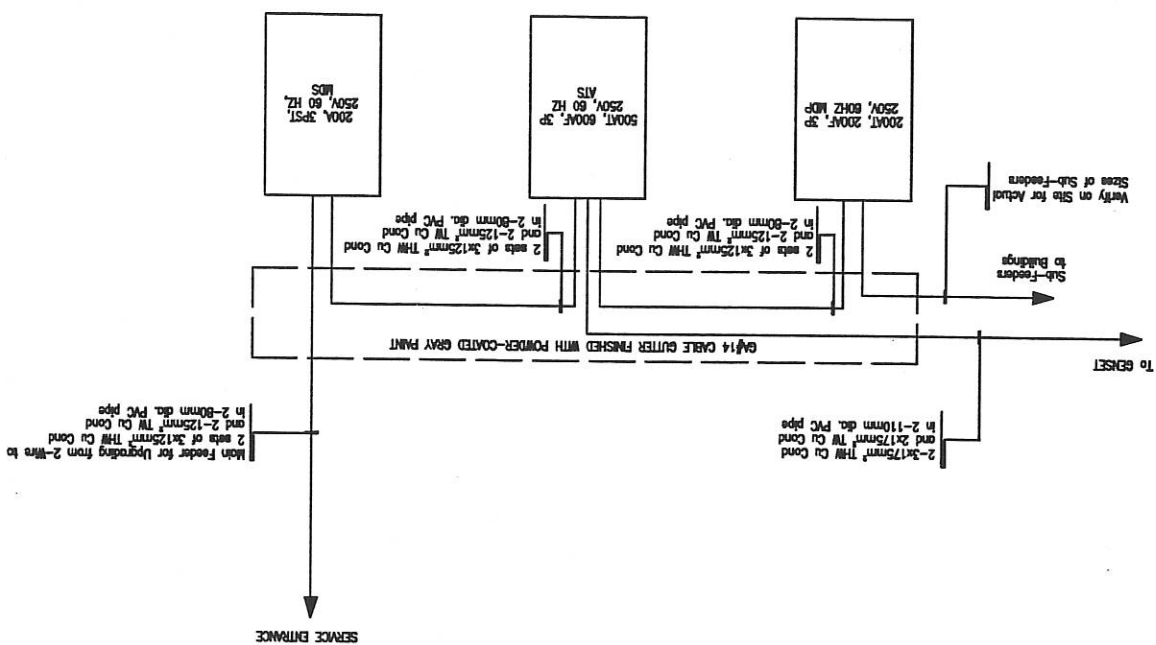
SHEET NO.

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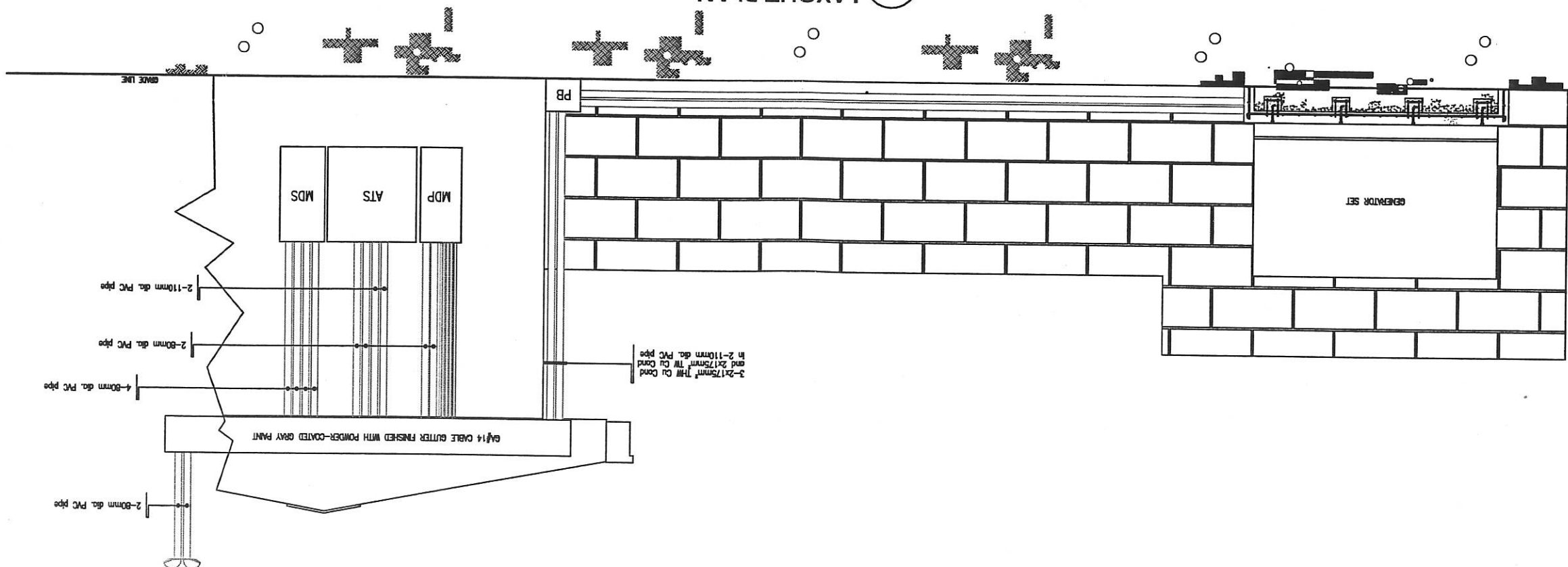
SINGLE LINE DIAGRAM



PANEL DIAGRAM



LAYOUT PLAN





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~~03 E~~

Technical drawing of a square floor slab with dimensions and reinforcement details. The overall dimensions are 6000 mm by 6000 mm. The slab is divided into a 3x3 grid of 9 square panels, each measuring 3000 mm by 3000 mm. A central square panel is further divided into a 3x3 grid of 9 smaller square panels, each measuring 300 mm by 300 mm. The drawing shows the reinforcement layout, including top and bottom bars, and the placement of stirrups. The following details are specified:

- 5-16MM Ø RSB BOTHWAYS (Top reinforcement bars)
- 4-16MM Ø RSB W/ 10MM Ø TES (Bottom reinforcement bars with 10mm diameter ties)

[illegible]

Technical drawing of a drainage detail. The drawing shows a cross-section of a wall and floor assembly. A 25mm PVC weep pipe is shown with a 1471mm radius. The pipe is labeled "25mm PVC WEEP PIPES / HOLE". The wall assembly is labeled "25 AND VARIES TO SLOPE". The floor assembly is labeled "25" and "50". The drawing also shows a "GRADE LINE" and a "25mm" dimension.



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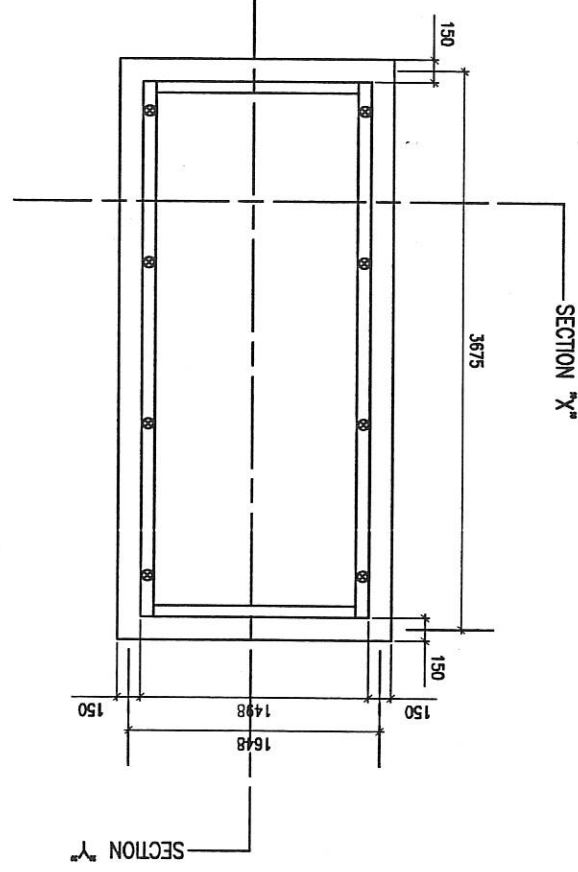
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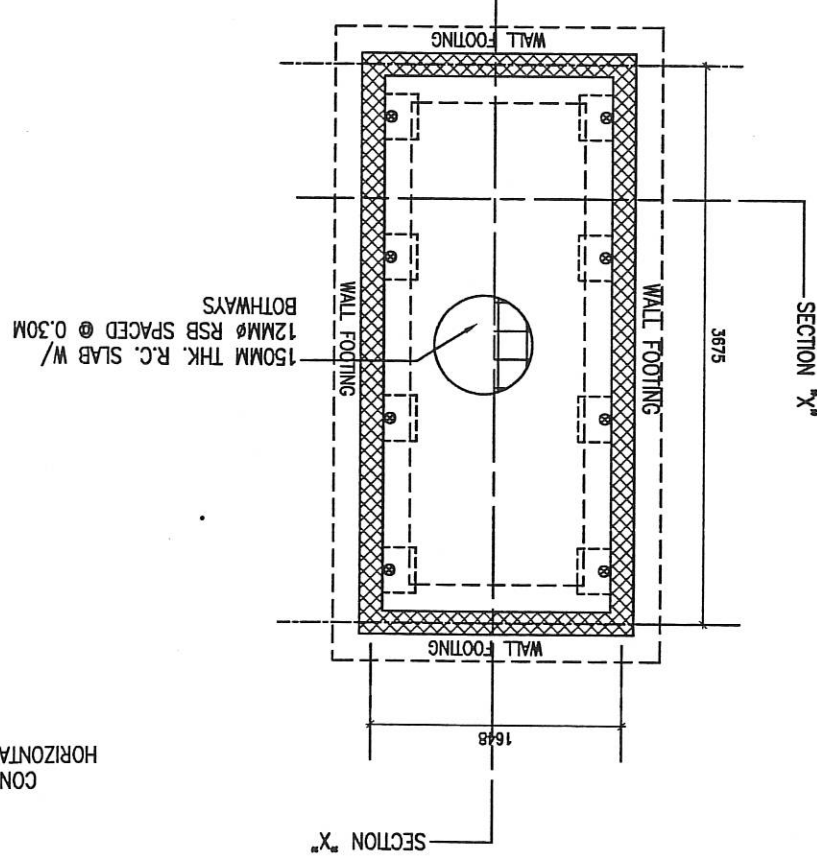
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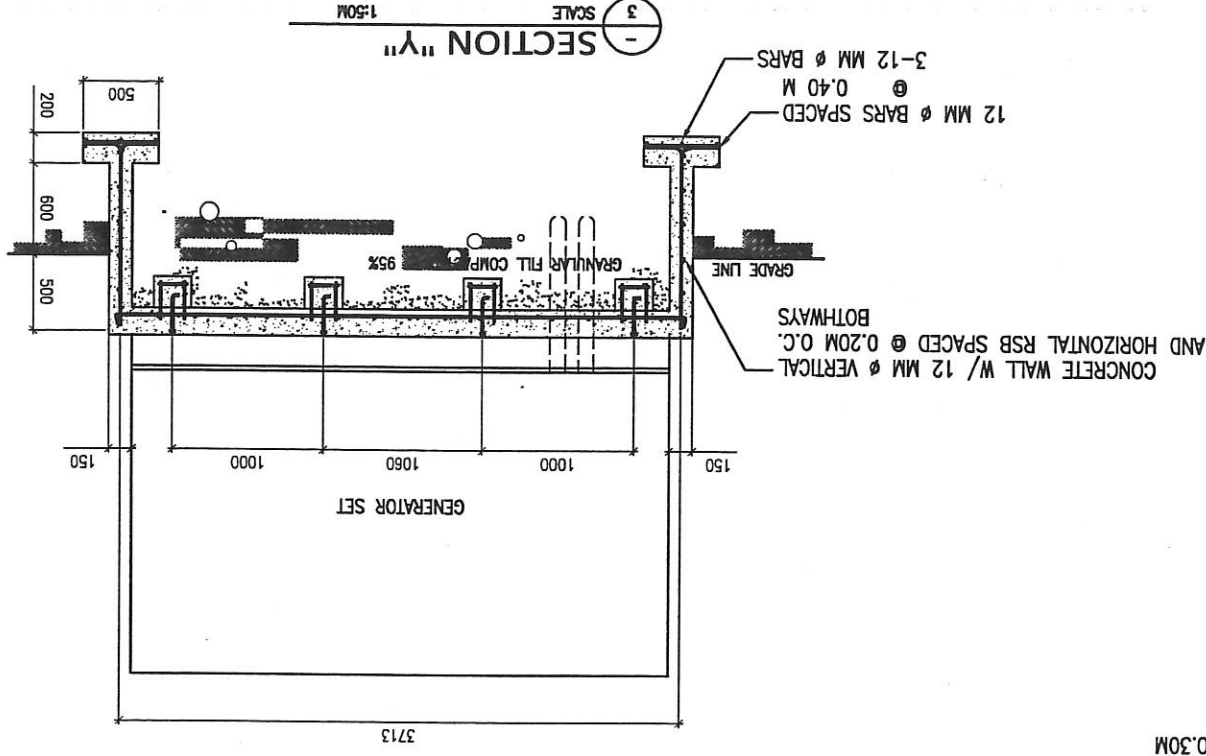
1
SCALE 1:50M
LAYOUT PLAN



2
SCALE 1:50M
FOUNDATION PLAN



3
SCALE 1:50M
SECTION "Y"



3
SCALE 1:50M
SECTION "X"

