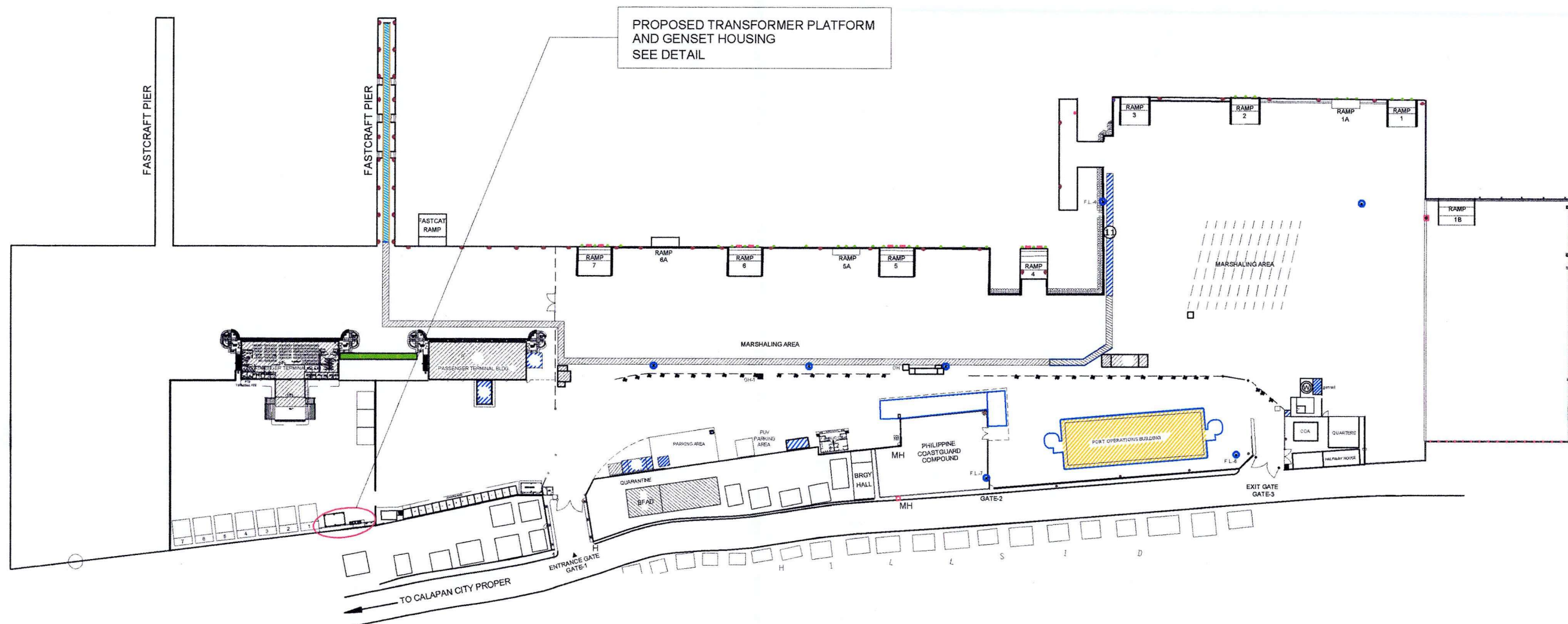


PHILIPPINE
PORTS
AUTHORITY
PMO- MINDORO



CONSTRUCTION OF TRANSFORMER PLATFORM AND GENSET HOUSING
INCLUDING SUPPLY INSTALLATION OF THREE (3) PHASE TRANSFORMER

PORT OF CALAPAN, ORIENTAL MINDORO



PORT LAY-OUT PLAN
PORT OF CALAPAN
ORIENTAL MINDORO

SCALE : 1:1,500 M.



PMO- MINDORO
ENGINEERING SERVICES DIVISION

PROJECT TITLE: CONSTRUCTION OF TRANSFORMER PLATFORM AND GENSET HOUSING INCLUDING SUPPLY INSTALLATION OF THREE (3) PHASE TRANSFORMER
PORT OF CALAPAN, ORIENTAL MINDORO

PREPARED / SUBMITTED BY:

FERNANDO J. GALVEZO
Engineering Assistant A

CHECKED / REVIEWED BY:

RONALD O. MATBAG
Acting Supervising Engineer A

RECOMMENDING APPROVAL:

MARGARITO P. DIMAILIG
Acting ESD Manager

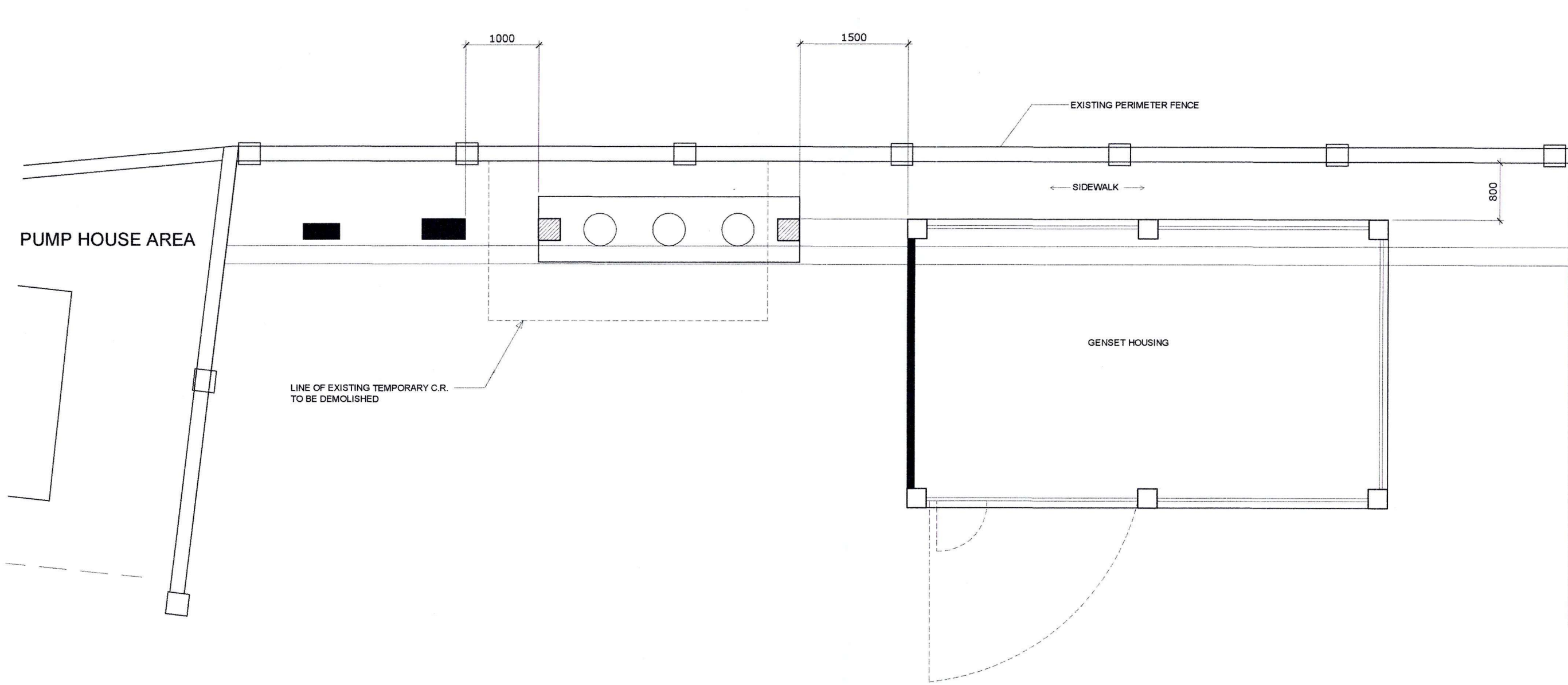
APPROVED:

ARCIDI S. JUMAANI
Port Manager


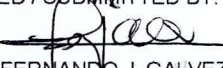


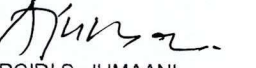
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AS SHOWN AS SHOWN

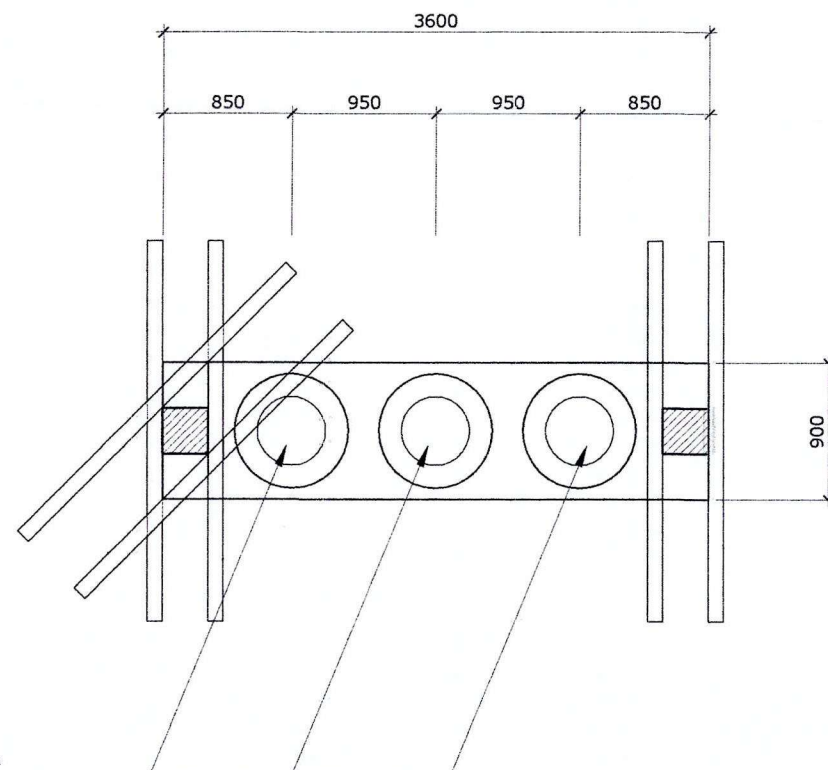
AS SHOWN SHEET NO.
1 of 17

DATE:
07 AUG 2018



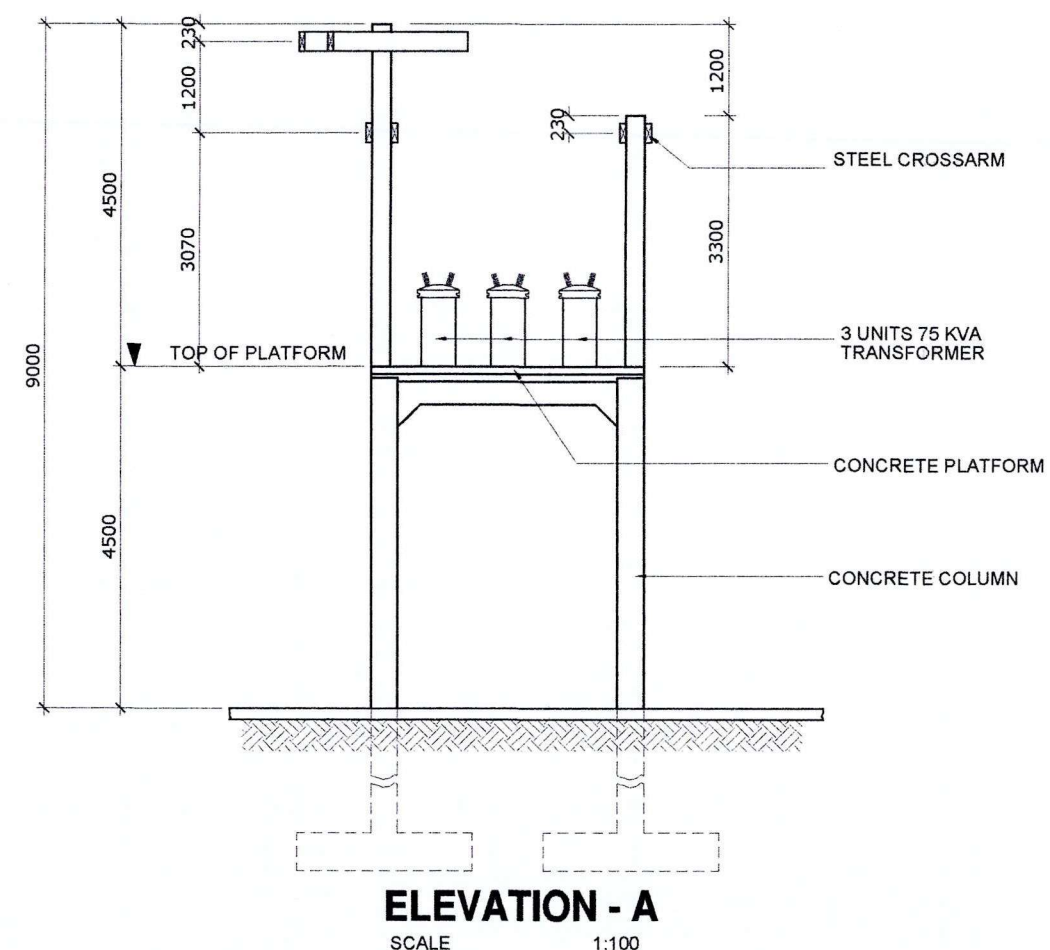
LOCATION / SITE DEVELOPMENT PLAN
 SCALE 1:60 M.

 PMO- MINDORO ENGINEERING SERVICES DIVISION	PROJECT TITLE: CONSTRUCTION OF TRANSFORMER PLATFORM AND GENSET HOUSING INCLUDING SUPPLY INSTALLATION OF THREE (3) PHASE TRANSFORMER PORT OF CALAPAN, ORIENTAL MINDORO				SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED / SUBMITTED BY:  FERNANDO J. GALVEZO Engineering Assistant A	CHECKED / REVIEWED BY:  RONALD O. MATIBAG Acting Supervising Engineer A	RECOMMENDING APPROVAL:  MARGARITO F. DMAILIG Acting ESD Manager	APPROVED:  ARCIDI S. JUMAANI Port Manager	AS SHOWN	SHEET NO. 1 of 11
						DATE: 07 AUG 2018



3 UNITS 75 KVA
TRANSFORMER

P L A N
SCALE 1:100



PROJECT TITLE: CONSTRUCTION OF TRANSFORMER PLATFORM AND GENSET HOUSING INCLUDING SUPPLY INSTALLATION OF THREE (3) PHASE TRANSFORMER
PORT OF CALAPAN, ORIENTAL MINDORO

PREPARED / SUBMITTED BY:

FERNANDO J. GALVEZO
Engineering Assistant A

CHECKED / REVIEWED BY:

RONALD O. MATIBAG
Acting Supervising Engineer A

RECOMMENDING APPROVAL:

MARGARITO E. DIMAILIG
Acting ESD Manager

APPROVED:

ARCIDI S. JUMAANI
Port Manager

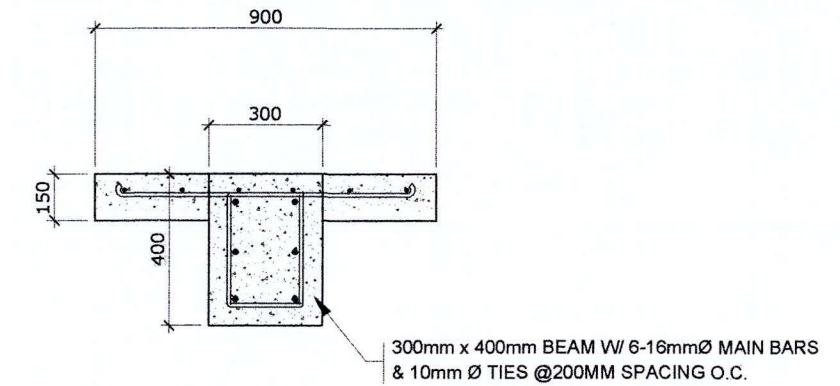
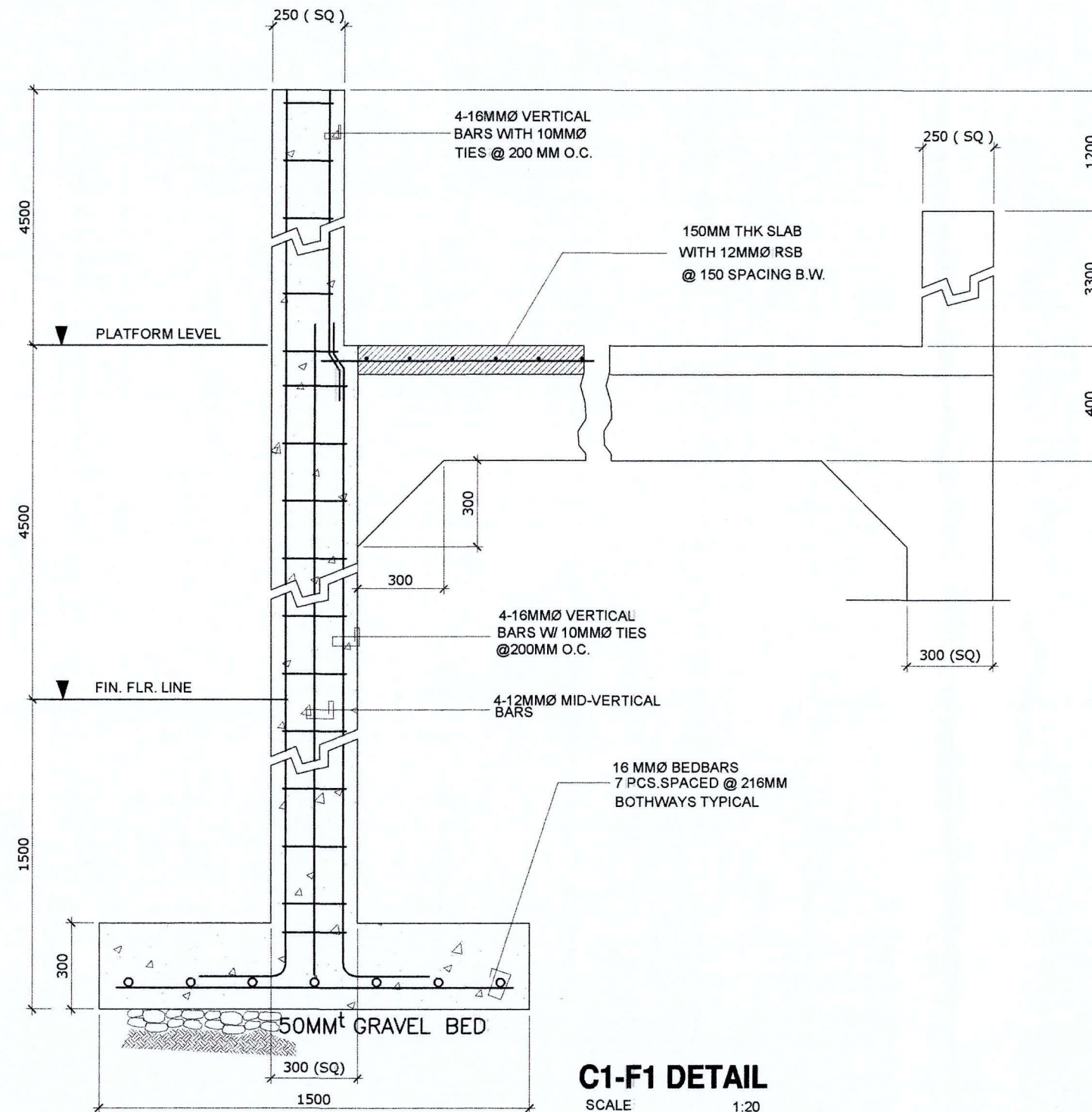
SHEET CONTENTS:

AS SHOWN

SCALE:
AS SHOWN

SHEET NO.
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DATE:
07 AUG 2018



SECTION OF BEAM & PLATFORM



PROJECT TITLE: CONSTRUCTION OF TRANSFORMER PLATFORM AND GENSET HOUSING INCLUDING SUPPLY INSTALLATION OF THREE (3) PHASE TRANSFORMER
PORT OF CALAPAN, ORIENTAL MINDORO

PREPARED / SUBMITTED BY:

FERNANDO J. GALVEZO
Engineering Assistant A

CHECKED / REVIEWED BY:

RONALD O. MATIBAG
Acting Supervising Engineer A

RECOMMENDING APPROVAL:

MARGARITO P. DIMAILIG
Acting ESD Manager

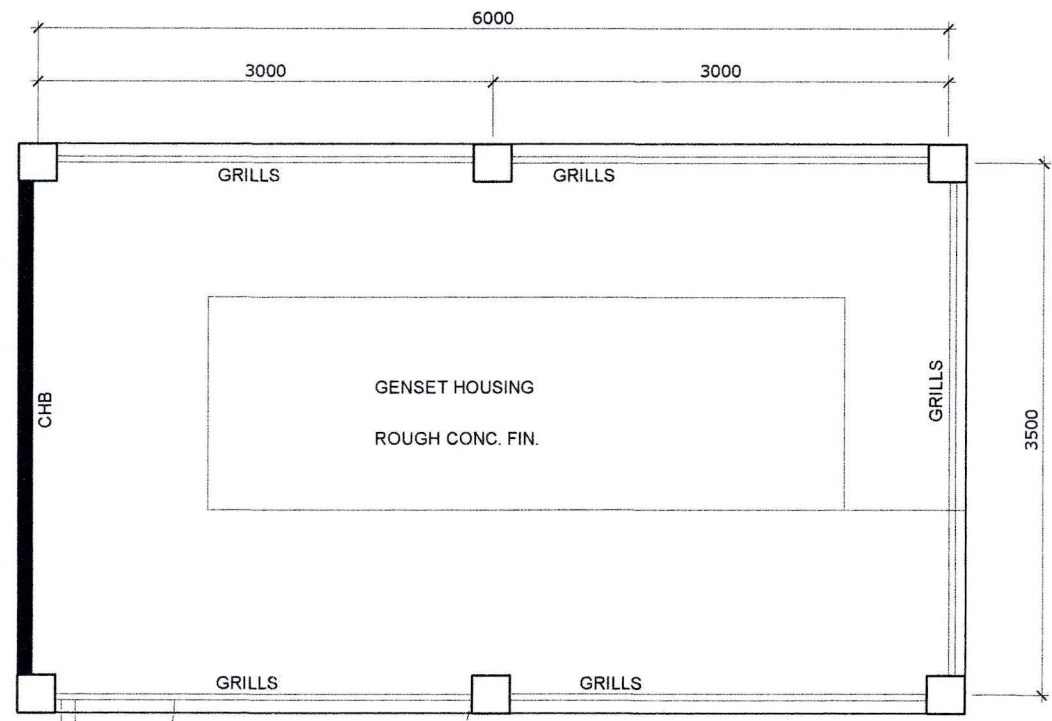
APPROVED:

ARCIDI S. JUMAANI
Port Manager

SHEET CONTENTS: SCALE:
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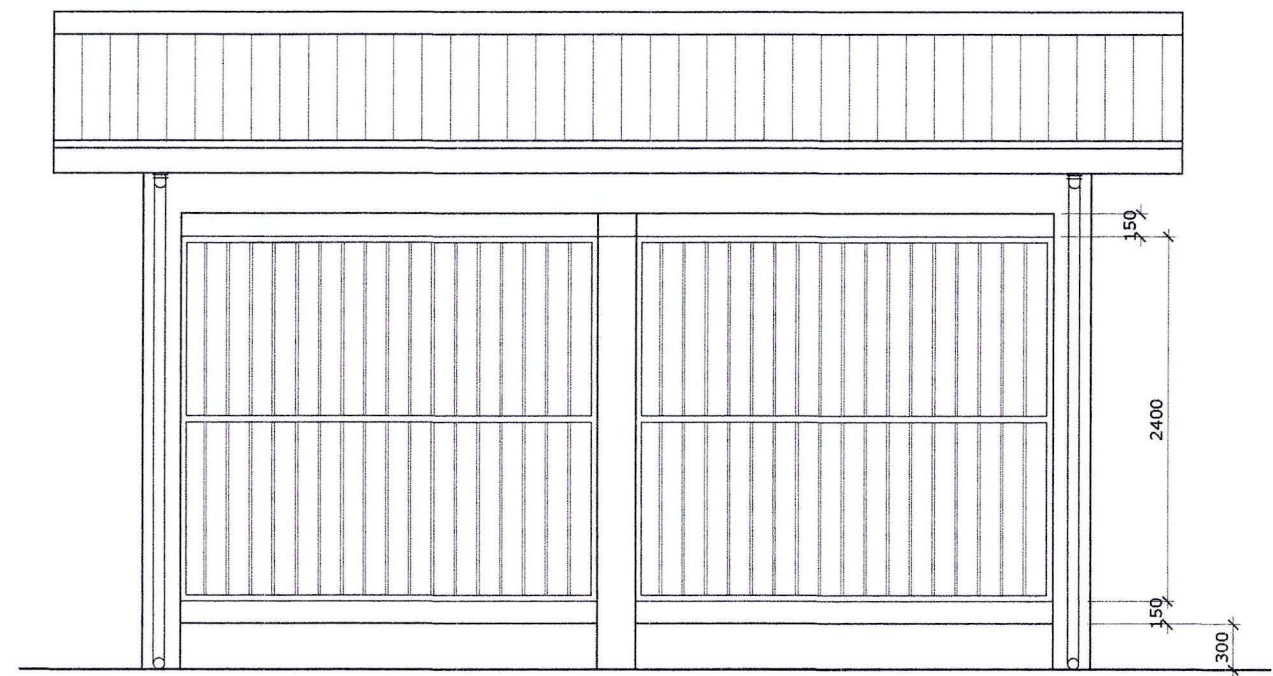
AS SHOWN SHEET NO.
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DATE:
07 AUG 2018



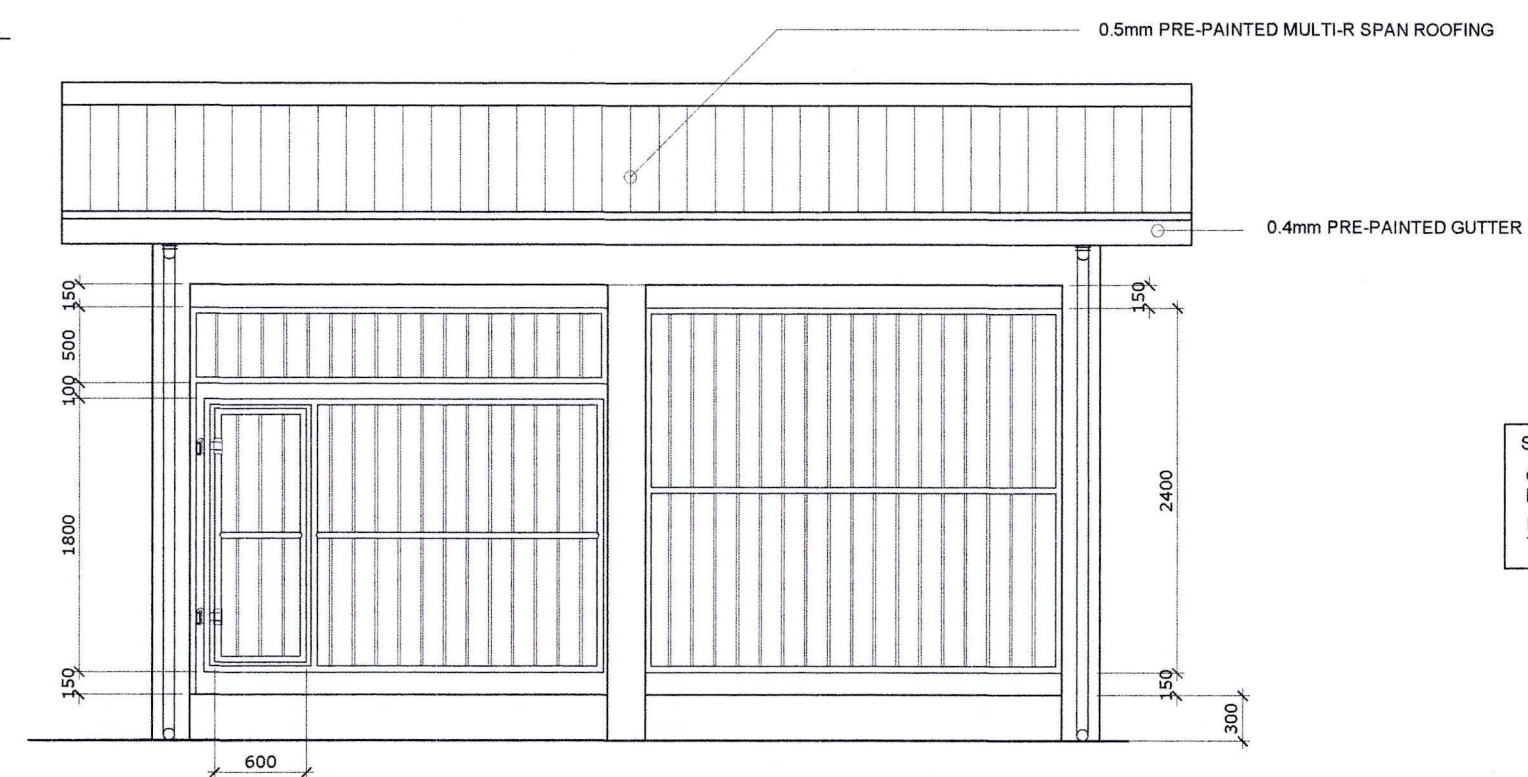
FLOOR PLAN

SCALE 1:50 M.



REAR ELEVATION

SCALE 1:50 M.



FRONT ELEVATION

SCALE 1:50 M.

SCHEDULE OF STEEL GRILLS
 GRILLS: 16mmØ sq. bar std.
 FRAME: 1.5"Ø STEEL PIPE S-40
 PRIMER COAT: EPOXY PRIMER
 TOP COAT: EPOXY ENAMEL



PROJECT TITLE: CONSTRUCTION OF TRANSFORMER PLATFORM AND GENSET HOUSING INCLUDING SUPPLY INSTALLATION OF THREE (3) PHASE TRANSFORMER
 PORT OF CALAPAN, ORIENTAL MINDORO

PREPARED / SUBMITTED BY:

 FERNANDO J. GALVEZO
 Engineering Assistant A

CHECKED / REVIEWED BY:

 RONALD O. MATIBAG
 Acting Supervising Engineer A

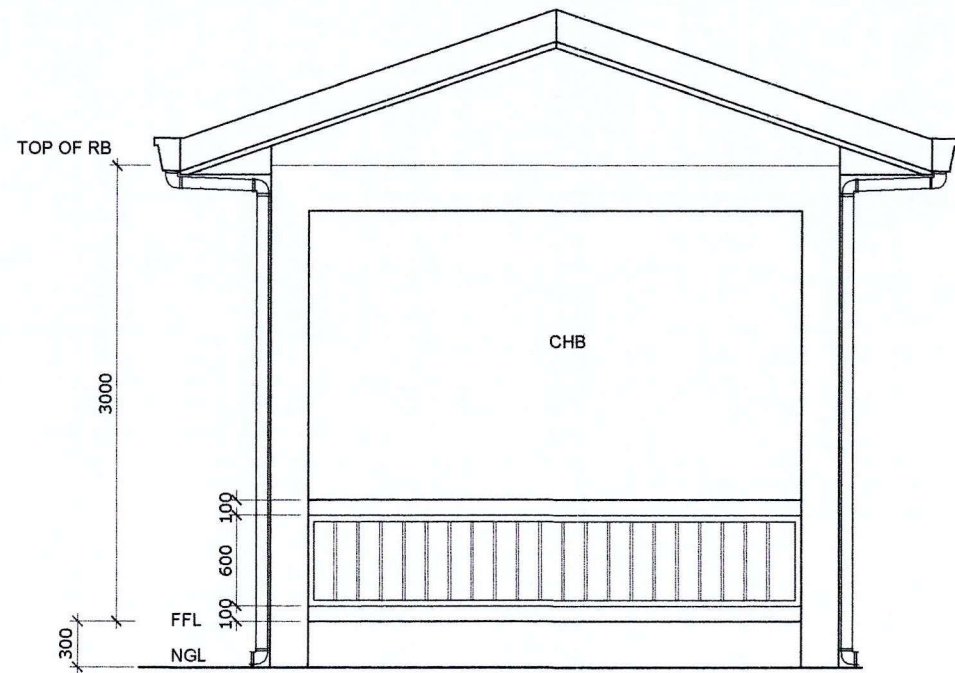
RECOMMENDING APPROVAL:

 MARGARITO P. DIMAILIG
 Acting ESD Manager

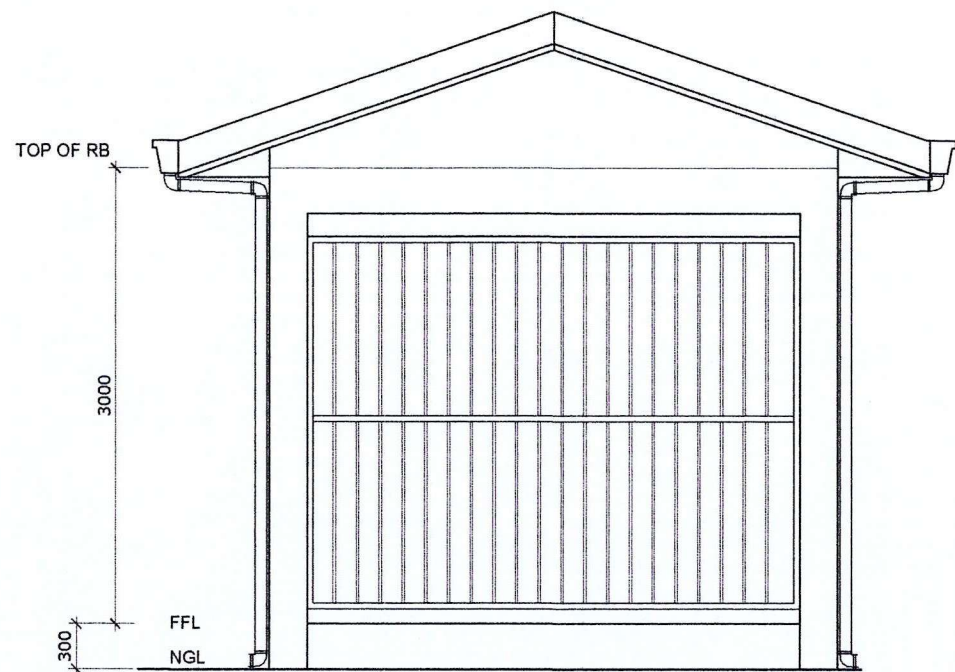
APPROVED:

 ARCIDI S. JUMAANI
 Port Manager

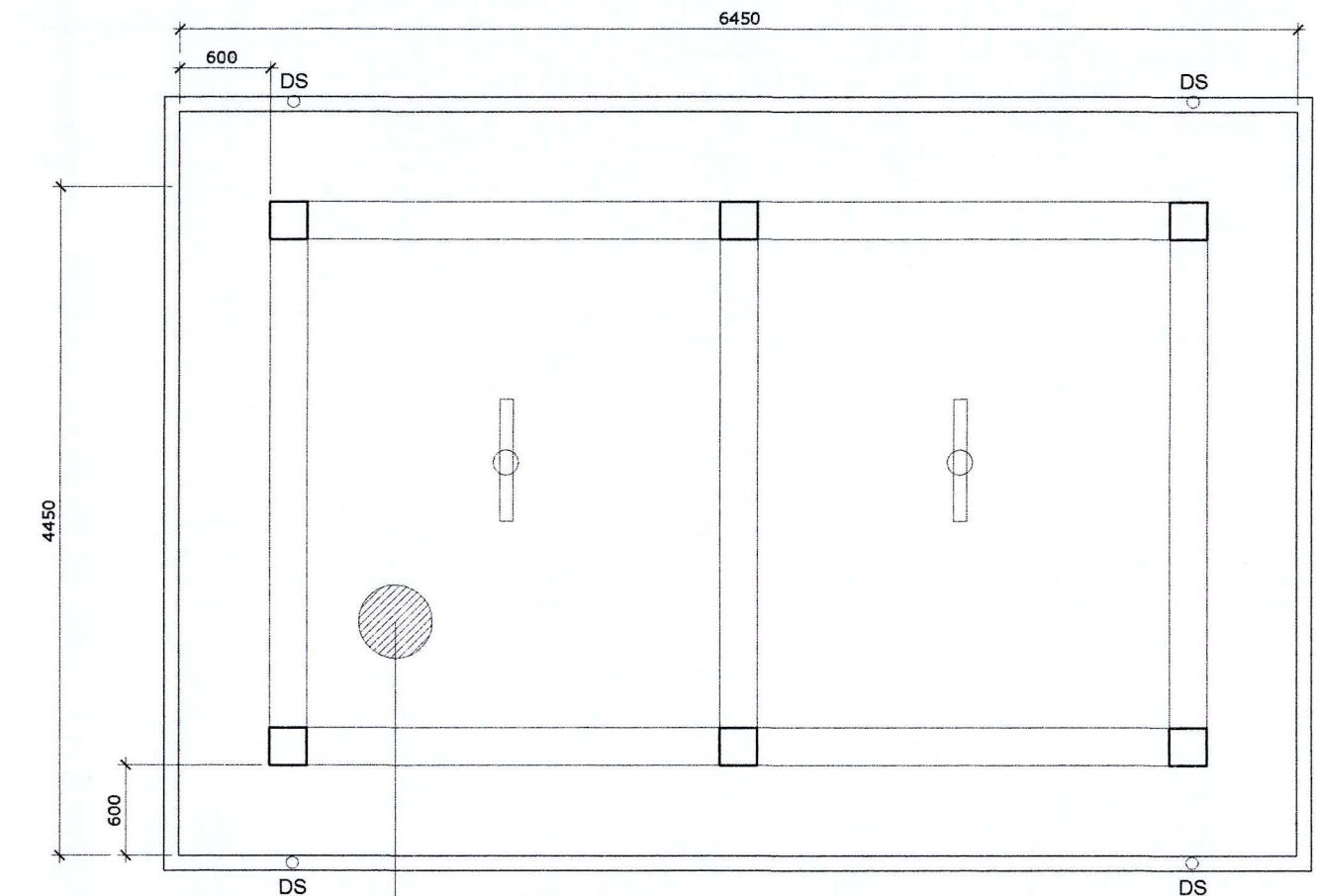
SHEET CONTENTS:	SCALE: AS SHOWN
AS SHOWN	SHEET NO. 4 of 11
	DATE: 07 AUG 2018



L-SIDE ELEVATION
SCALE 1:50 M.



R-SIDE ELEVATION
SCALE 1:50 M.



REFLECTED CEILING PLAN
SCALE 1:50 M.



PROJECT TITLE: CONSTRUCTION OF TRANSFORMER PLATFORM AND GENSET HOUSING INCLUDING SUPPLY INSTALLATION OF THREE (3) PHASE TRANSFORMER
PORT OF CALAPAN, ORIENTAL MINDORO

PREPARED / SUBMITTED BY:

Fernando J. Galvez
FERNANDO J. GALVEZO
Engineering Assistant A

CHECKED / REVIEWED BY:

Ronald O. Matibag
RONALD O. MATIBAG
Acting Supervising Engineer A

RECOMMENDING APPROVAL:

Margarito P. Dimailig
MARGARITO P. DIMAILIG
Acting ESD Manager

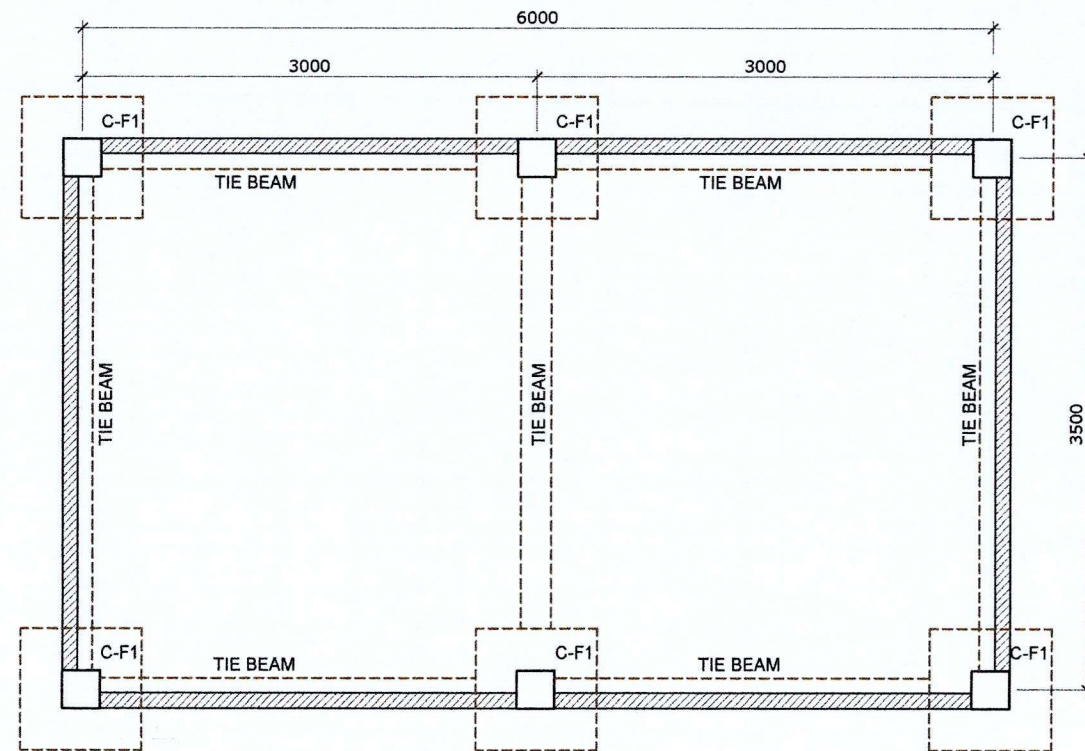
APPROVED:

Arcidi S. Jumaani
ARCIDI S. JUMAANI
Port Manager

SHEET CONTENTS: SCALE: AS SHOWN

AS SHOWN SHEET NO. 5 of 11

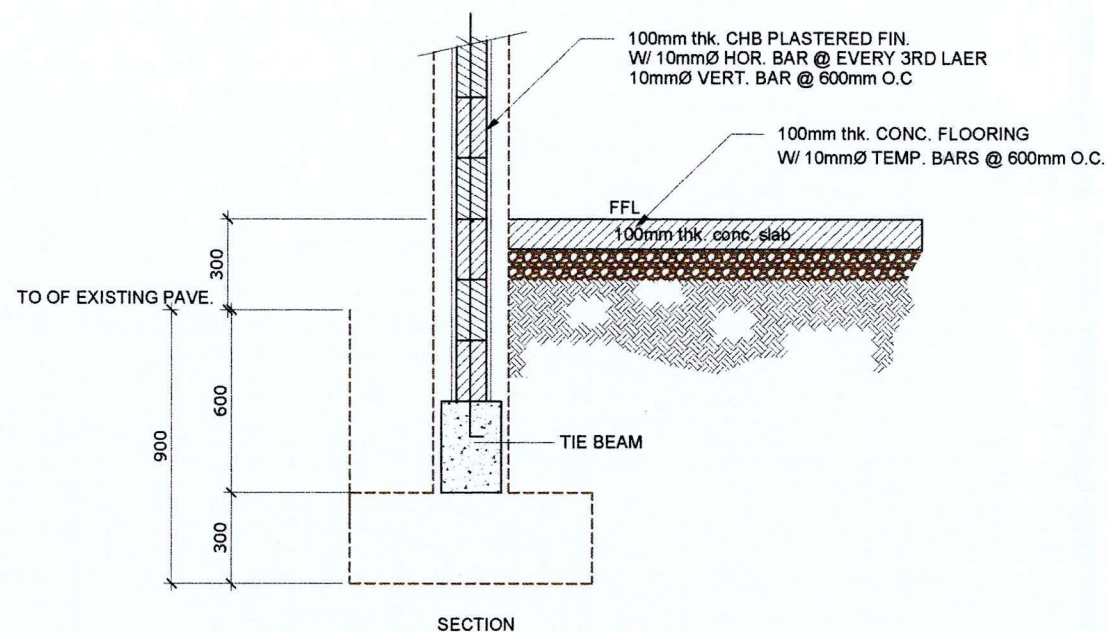
DATE: 07 AUG 2018



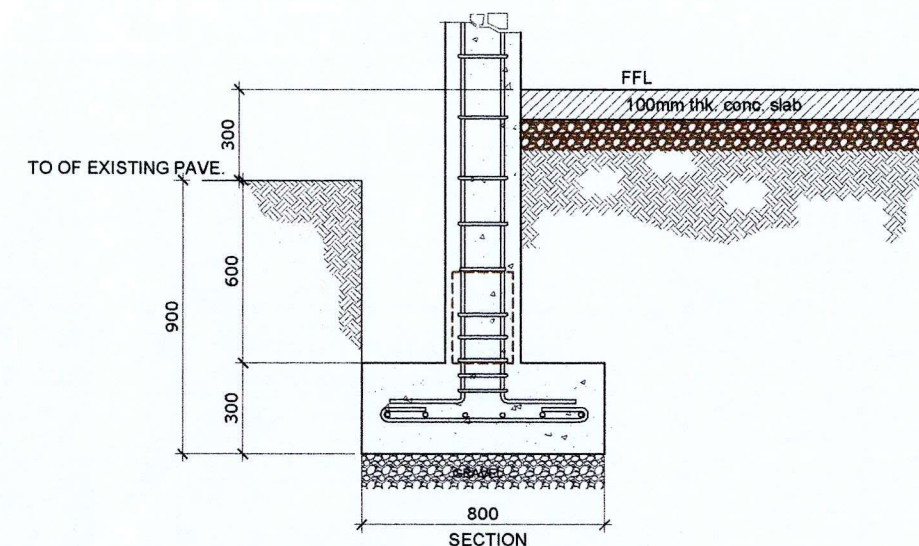
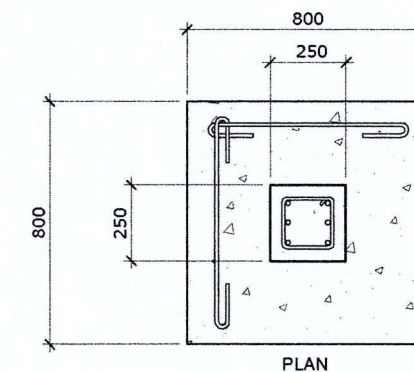
FOUNDATION PLAN
SCALE 1:50 M.

SCHEDULE OF COLUMN		TIE BEAM
<p>C1</p> <p>250</p> <p>250</p> <p>2-12mmØ</p> <p>2-12mmØ</p> <p>2-12mmØ</p> <p>TIES: 10 mm. Ø</p> <p>2-0.05 rest 0.25</p>		<p>0.20</p> <p>0.30</p> <p>2-12mmØ</p> <p>2-12mmØ</p> <p>2-12mmØ</p> <p>TIES: 10 mm. Ø @ 3-0.05m</p> <p>3-0.10, 3-0.15 rest 0.30</p>

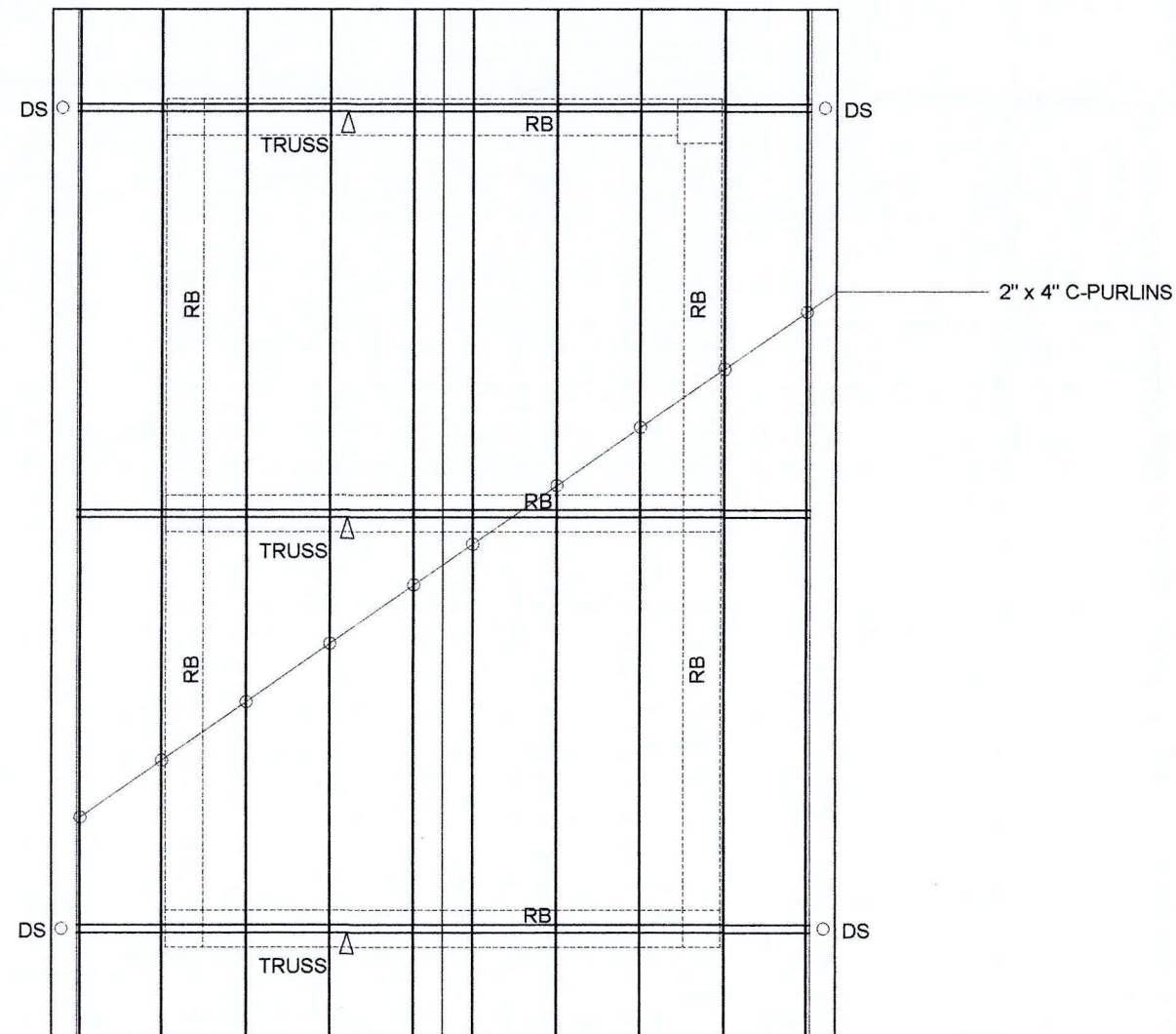
SCHEDULE OF FOOTINGS					
FOOTING MARK	FOOTING DIMENSION (m)				REINFORCEMENT
	LENGTH (L)	WIDTH (W)	Thickness (T)	DEPTH (D)	
F-1	800	800	300	900	6-12mmØ BOTHWAYS



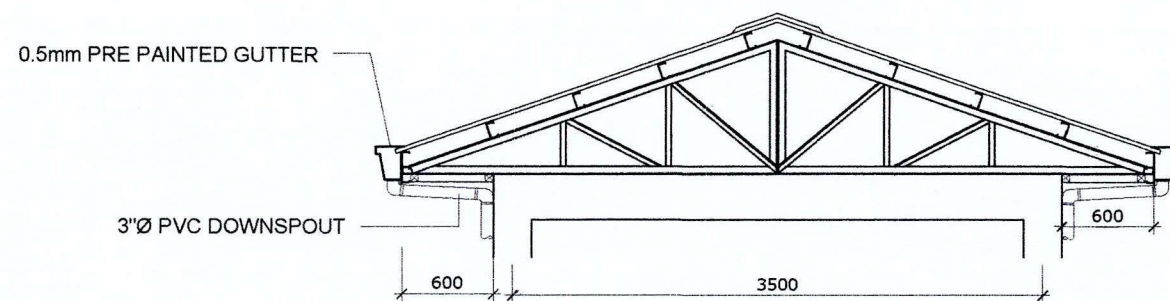
CHB WALL SECTION DETAIL
SCALE 1:25 M.



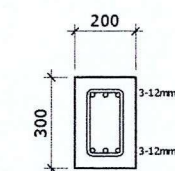
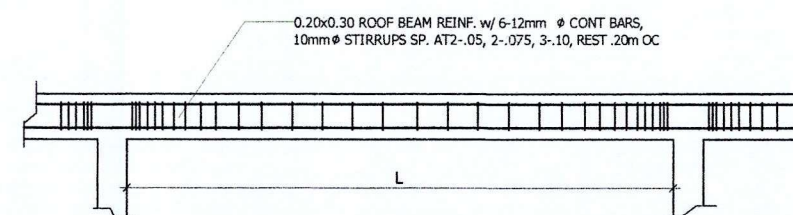
COLUMN-FOOTING DETAIL
SCALE 1:25 M.



ROOF FRAMING PLAN
 SCALE 1:50 M.



TRUSS DETAIL
 SCALE 1:50 M.



RB-1

RB- ROOF BEAM DETAIL



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PORT OF CALAPAN, ORIENTAL MINDORO

PREPARED / SUBMITTED BY:

FERNANDO J. GALVEZO
 Engineering Assistant A

CHECKED / REVIEWED BY:

RONALD O. MATIBAG
 Acting Supervising Engineer A

RECOMMENDING APPROVAL:

MARGARITO P. DIMAILIG
 Acting ESD Manager

APPROVED:

ARCIDI S. JUMAANI
 Port Manager

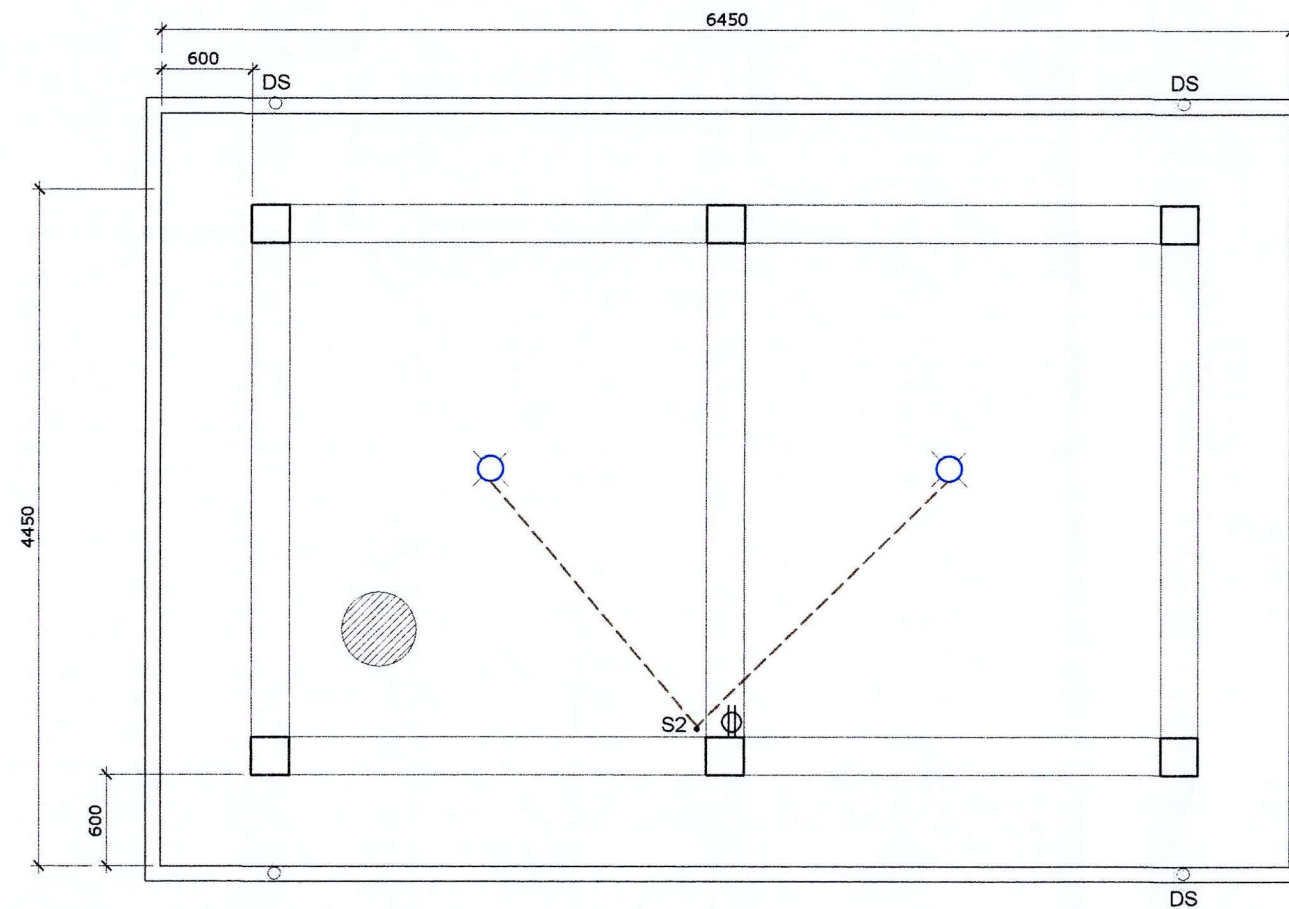
SHEET CONTENTS:

AS SHOWN

SCALE:
AS SHOWN

SHEET NO.
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DATE:
07 AUG 2018



LEGEND:

10W LED BULB

2-GANG OUTLET

LIGHTING & POWER LAYOUT
SCALE 1:50 M.



PROJECT TITLE: CONSTRUCTION OF TRANSFORMER PLATFORM AND GENSET HOUSING INCLUDING SUPPLY INSTALLATION OF THREE (3) PHASE TRANSFORMER
PORT OF CALAPAN, ORIENTAL MINDORO

PREPARED / SUBMITTED BY:

FERNANDO J. GALVEZO
Engineering Assistant A

CHECKED / REVIEWED BY:

RONALD O. MATBAG
Acting Supervising Engineer A

RECOMMENDING APPROVAL:

MARGARITO F. DIMAILIG
Acting ESD Manager

APPROVED:

ARCIDI S. JUMAANI
Port Manager

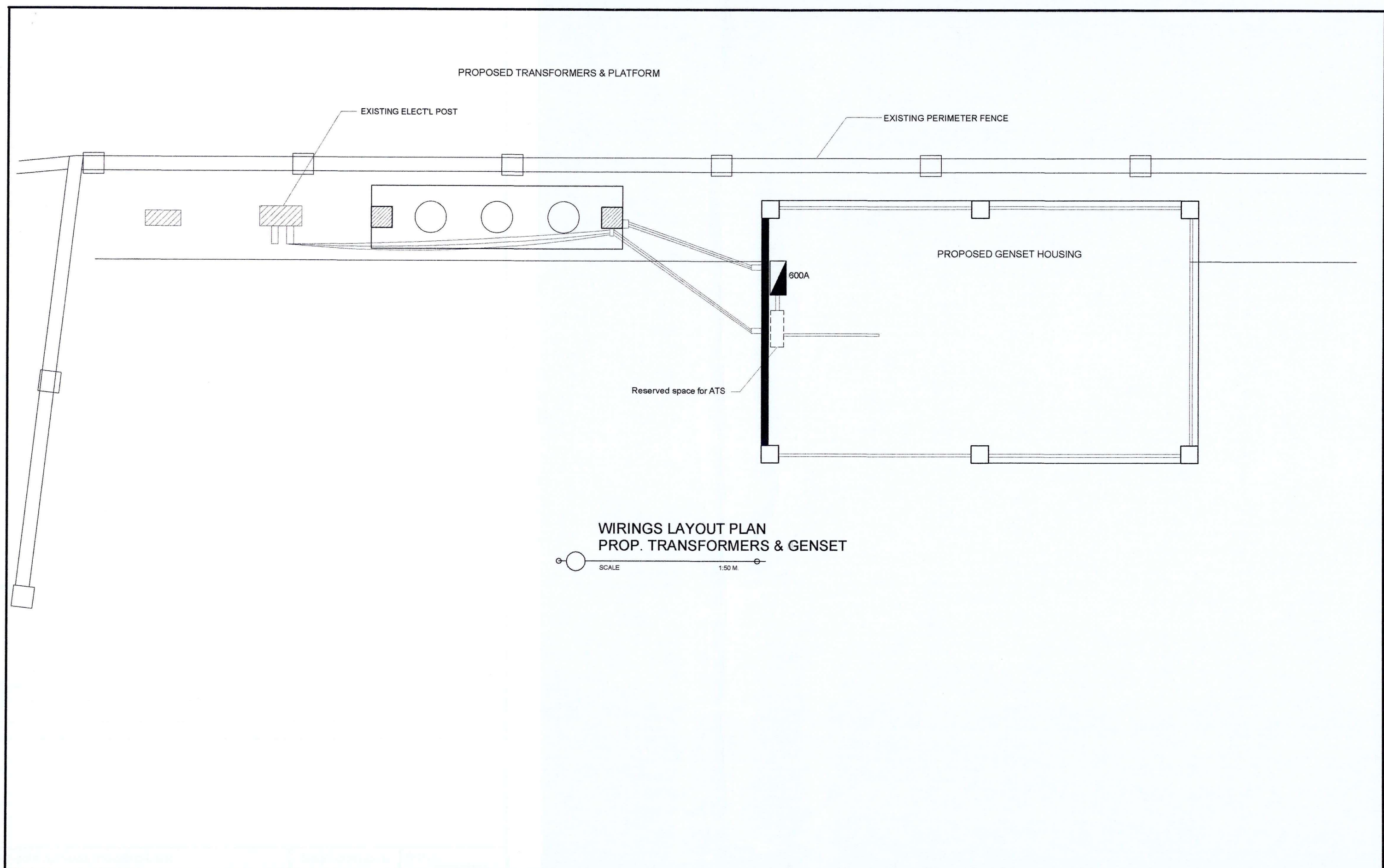
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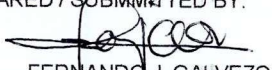
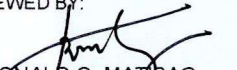
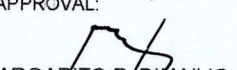
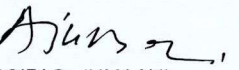
AS SHOWN SHEET NO.
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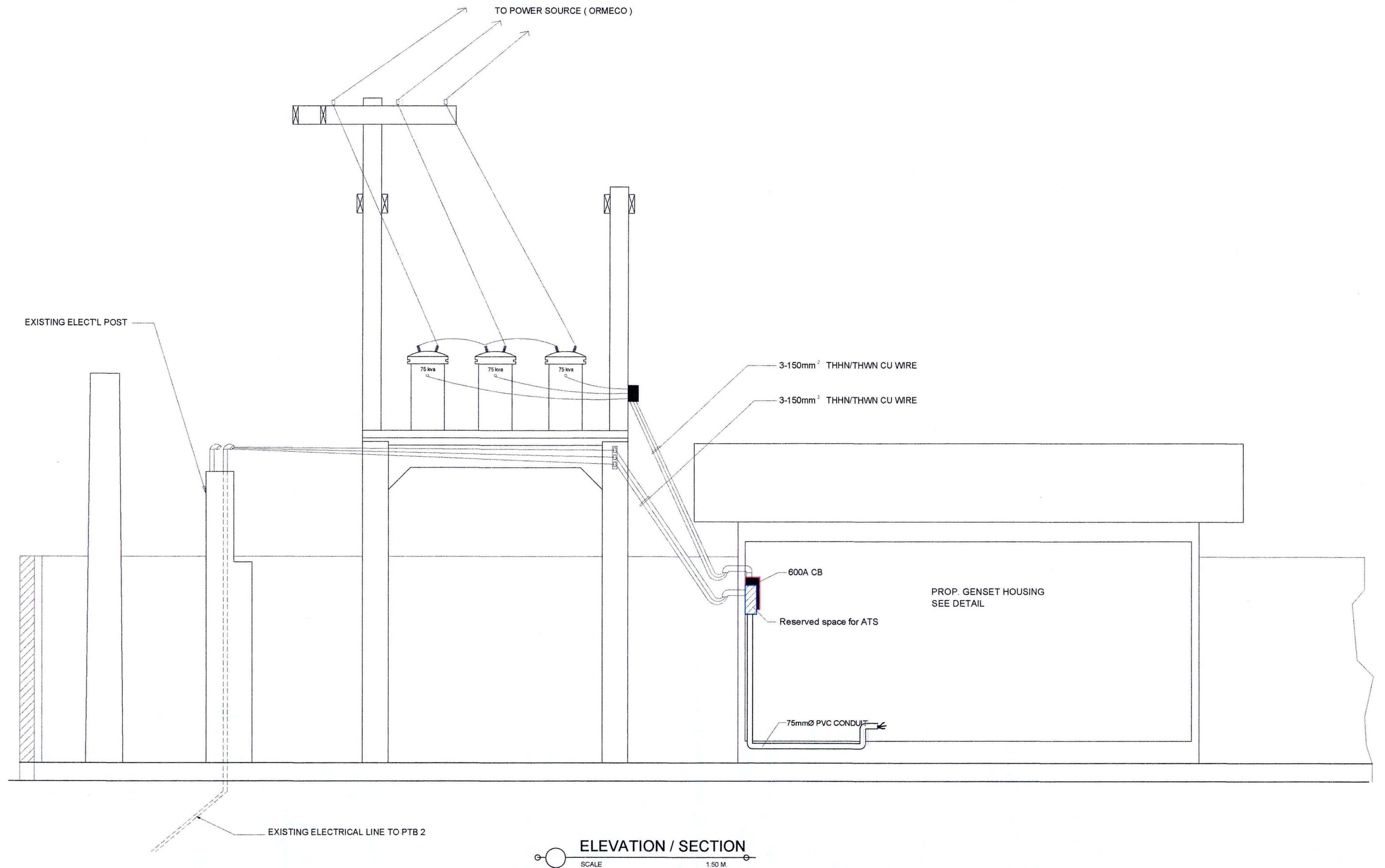
DATE:
07 AUG 2018

3-150mm
3-150mm
600A
Reserv
75mm
TION
1.50 M

NG SUPPLY INSTAL
ENDING APPROVAL:
MARGARITO F
Acting ESD M



 PMO- MINDORO ENGINEERING SERVICES DIVISION	PROJECT TITLE: CONSTRUCTION OF TRANSFORMER PLATFORM AND GENSET HOUSING INCLUDING SUPPLY INSTALLATION OF THREE (3) PHASE TRANSFORMER PORT OF CALAPAN, ORIENTAL MINDORO				SHEET CONTENTS:	SCALE: AS SHOWN
	PREPARED / SUBMITTED BY:  FERNANDO J. GALVEZO Engineering Assistant A	CHECKED / REVIEWED BY:  RONALD O. MATBAG Acting Supervising Engineer A	RECOMMENDING APPROVAL:  MARGARITO P. DMAILIG Acting ESD Manager	APPROVED :  ARCIDI S. JUMAANI Port Manager	AS SHOWN	SHEET NO. 9 of 11
						DATE : 07 AUG 2018



PMO- MINDORO
ENGINEERING SERVICES DIVISION

PROJECT TITLE: CONSTRUCTION OF TRANSFORMER PLATFORM AND GENSET HOUSING INCLUDING SUPPLY INSTALLATION OF THREE (3) PHASE TRANSFORMER
PORT OF CALAPAN, ORIENTAL MINDORO

PREPARED / SUBMITTED BY:

FERNANDO J. GALVEZO
Engineering Assistant A

CHECKED / REVIEWED BY:

RONALD O. MATIBAG
Acting Supervising Engineer A

RECOMMENDING APPROVAL:

MARGARITO P. DMAILIG
Acting ESD Manager

APPROVED:

ARCIDI S. JUMAANI
Port Manager

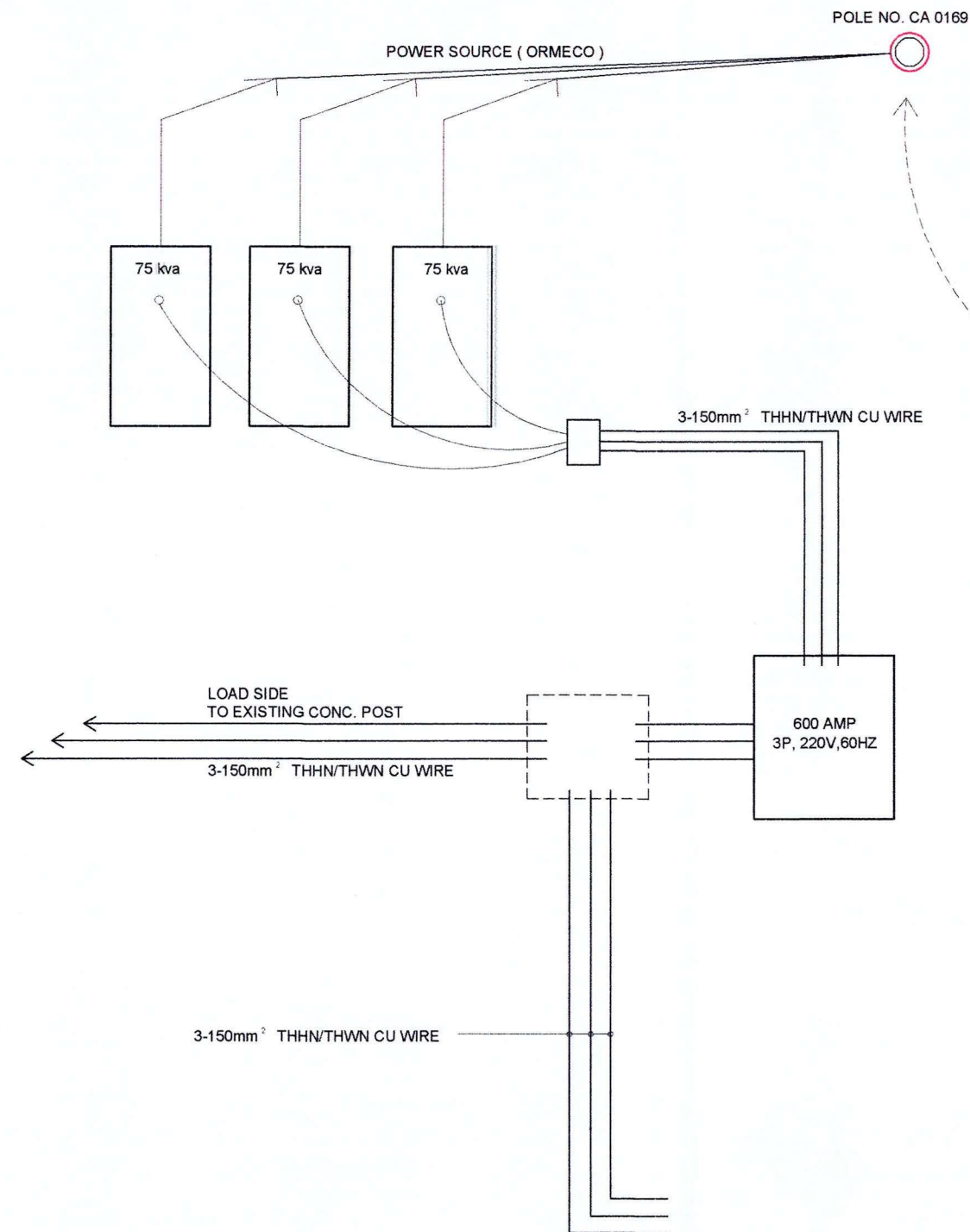
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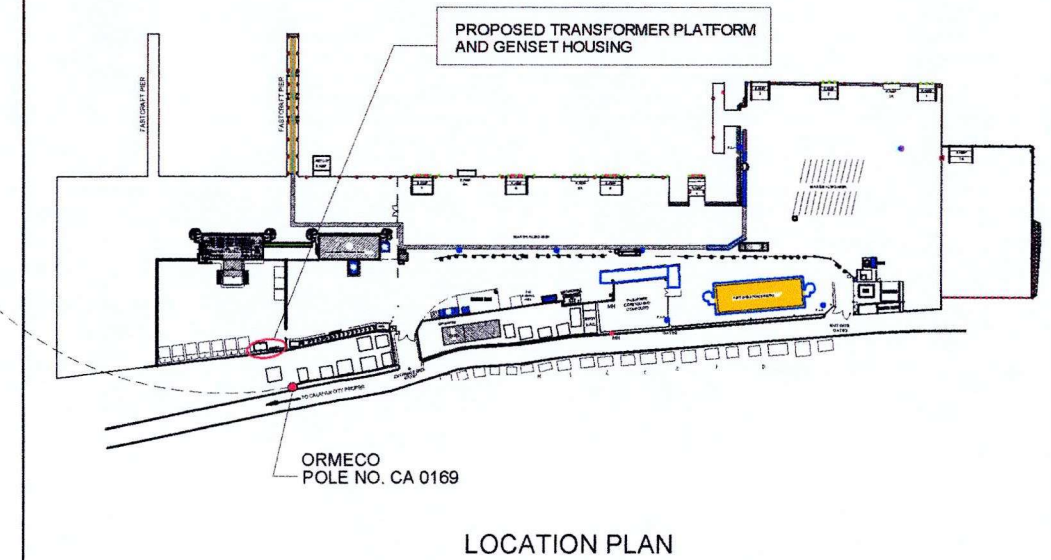
SCALE:
AS SHOWN

SHEET NO.
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DATE:
07 AUG 2018



SCHEMATIC DIAGRAM



PROJECT TITLE: CONSTRUCTION OF TRANSFORMER PLATFORM AND GENSET HOUSING INCLUDING SUPPLY INSTALLATION OF THREE (3) PHASE TRANSFORMER
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Engineering Assistant A

CHECKED / REVIEWED BY:

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Acting Supervising Engineer A

RECOMMENDING APPROVAL:

MARGARITO P. DIMAILIG
Acting ESD Manager

APPROVED:

ARCIDI S. JUMAANI
Port Manager

SHEET CONTENTS: SCALE:
AS SHOWN AS SHOWN

AS SHOWN SHEET NO.
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DATE:
07 AUG 2018