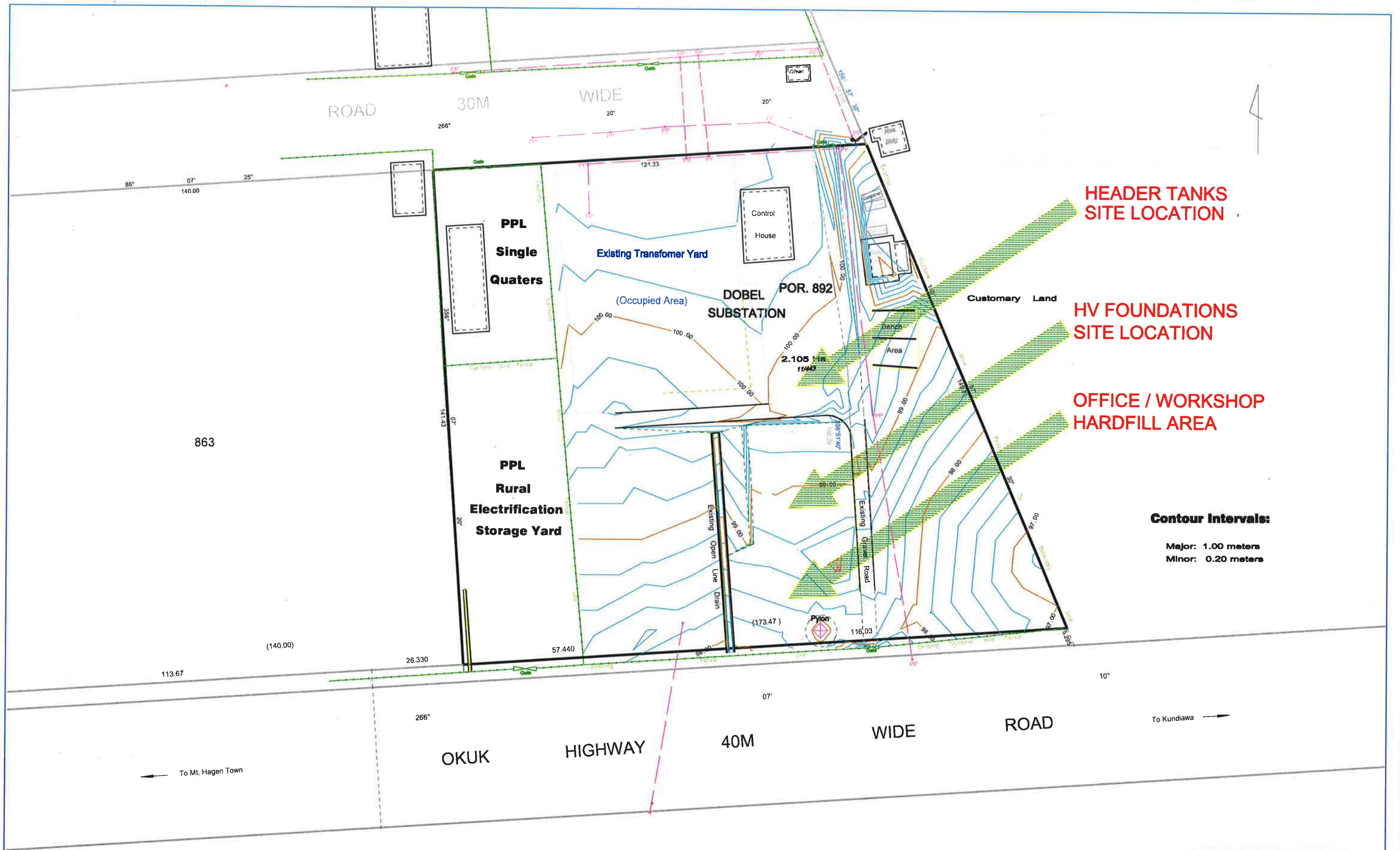




Sheet 00 of 06	GPC-DSS-C00	Cover & Drawing Index
Sheet 01 of 06	GPC-DSS-C01	Site Survey & Locality Plan
Sheet 02 of 06	GPC-DSS-C02	Hardfill Area & HV Foundations Site Layout Plan
Sheet 03 of 06	GPC-DSS-C03	HV and Header Tank Foundations Site Layout Plan
Sheet 04 of 06	GPC-DSS-C04	Header Tanks Foundation Plan and Details
Sheet 05 of 06	GPC-DSS-C05	HV Switchroom Foundation Plan and Details
Sheet 06 of 06	GPC-DSS-C06	HV Switchroom 40 Ft Foundation Plan and Details

Location	DOBEL SUB-STATION, W.H.P.					
Title	COVER & DRAWING INDEX					
A1						
Number	GPC-DSS-C00				Sheet	00 of 06
Revision						

**FOR QUOTATION**



**FOR QUOTATION**

CAD Filename	Rev.	Revision	By	Chk'd	Date	Drawn	TLC	Location	DOBEL SUB-STATION, W.H.P.
H:/2023 PROJECTS/ DOBEL / 12MW POWER STATION/ CIVIL WORKS						Designed	TLC	Title	SITE SURVEY & LOCALITY PLAN
Date Plotted:	Scale:					Checked	CCE	A1	
FEBRUARY, 2023	1:500					Endorsed	MGR	Number	GPC-DSS-C01
						Approved	GMAD	Revision	



**PNG POWER Ltd**

P. O. Box 1105, BOROKO 111, NCD, Papua New Guinea  
Telephone: (675) 324 3317  
Facsimile: (675) 323 4982 E-mail: oole@pngpower.com.pg

Sheet 01 OF 06



EXISTING CHAINMESH FENCELINE

Gate

Pylon

PROPOSED  
HARDFILL AREA

PP

Existing Gravel Road

EXISTING TYPE 9 OPEN LINED DRAIN

EXISTING GENERATOR FOUNDATIONS

EXISTING Tx FOUNDATIONS

HV FOOTING FOUNDATIONS FOR BOTH 20FT AND 40FT CONTAINERS

EXISTING Tx FOUNDATIONS

EXISTING GENERATOR FOUNDATIONS

FOR QUOTATION

CAD Filename	Rev.	Revision	By	Chk'd	Date
H:/2023 PROJECTS/ DOBEL / 12MW POWER STATION/ CIVIL WORKS	01	SITE LAYOUT & GENERATOR SPACING REVISED	D.P	G.R	27/10/22
	02	PROPOSED SITE LAYOUT FOR OFFICE & WORKSHOP AREA	D.P	O.H	09/11/22
Date Plotted:	Scale:				
FEBRUARY, 2023	1 : 100				



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Drawn	TLC	Location	DOBEL SUB-STATION, W.H.P.
Designed	TLC	Title	HARDFILL AREA AND HV FOUNDATIONS SITE LAYOUT PLAN
Checked	CCE	A1	
Endorsed	MGP	Number	GPC-DSS-C02
Approved	GMAD	Revision	
		Sheet	02 OF 06







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Facsimile: (675) 323 4982  
E-mail: [code@pngpower.com.pg](mailto:code@pngpower.com.pg)

**FUEL TANK BUND WALL LAYOUT PLAN**

**Scale: 1:50**

**NOTES:**

- CONCRETE TO BE 25MPa AFTER 28 DAYS. CEMENT TO BE SHOWN BY APPLYING THE SAND ON TOP OF FOOTINGS.
- THE FINISH LEVEL OF FOOTINGS SHALL BE THE SAME AS THE FINISH LEVEL OF THE BUND WALL.
- ALL DIMENSIONS SHALL BE CONFIRMED ON SITE WITH THE SURVEYOR.
- SUBMITTANT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUND WALL.
- CONCRETE COVER SHALL BE 50mm FOR TOP AND 75mm FOR BOTTOM AND SIDES.

**FUEL TANK FOUNDATIONS**

**Scale: 1:50**

**NOTES:**

- CONCRETE TO BE 25MPa AFTER 28 DAYS. CEMENT TO BE SHOWN BY APPLYING THE SAND ON TOP OF FOOTINGS.
- THE FINISH LEVEL OF FOOTINGS SHALL BE THE SAME AS THE FINISH LEVEL OF THE BUND WALL.
- ALL DIMENSIONS SHALL BE CONFIRMED ON SITE WITH THE SURVEYOR.
- SUBMITTANT SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUND WALL.
- CONCRETE COVER SHALL BE 50mm FOR TOP AND 75mm FOR BOTTOM AND SIDES.

**Typical Detail: Pedestal Footing**

**Scale: 1:20**

**Typical Detail: Tie Beam (TB)**

**Scale: 1:20**

**Plan View: Pedestal Footing**

**Scale: 1:20**

**Header Tank Footing Plan**

**Scale: 1:20**

Rev.	Revision	By	Chk'd	Date

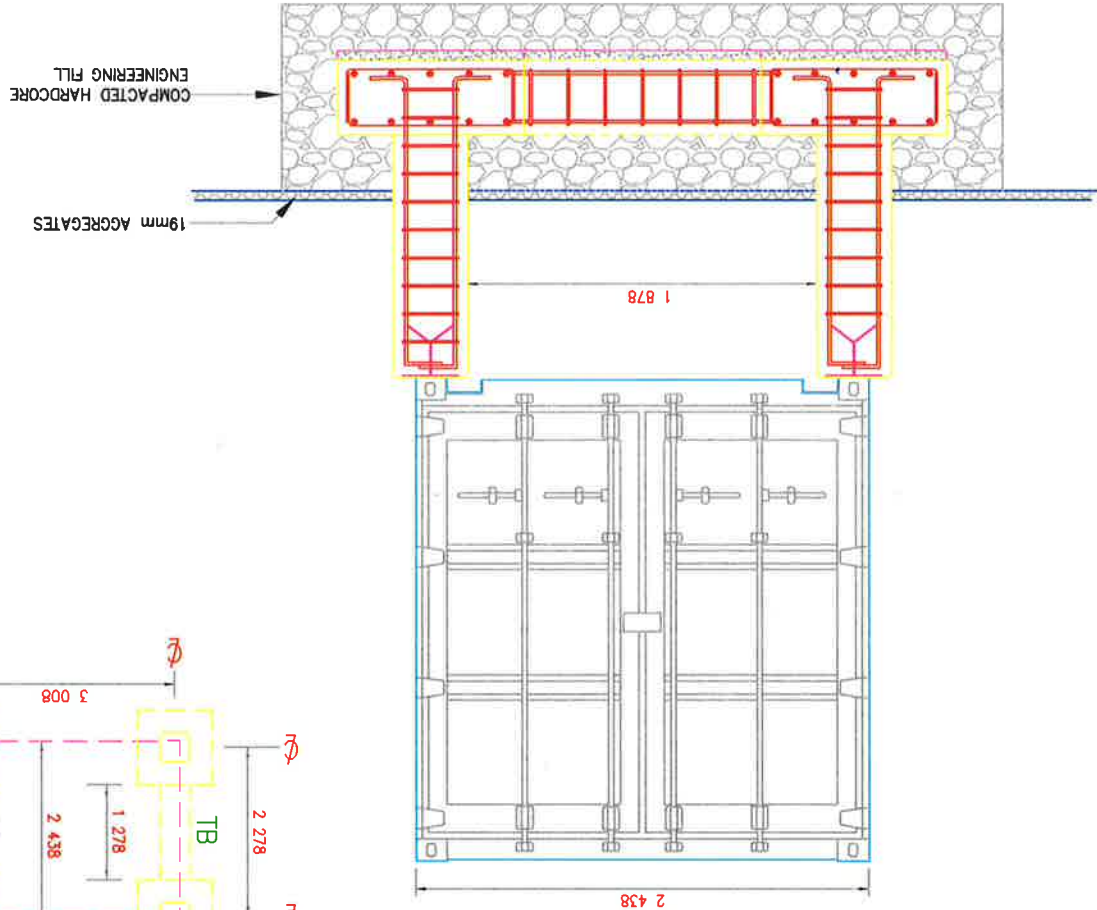


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Fax: (675) 323 1982  
E-mail: [office@pngpower.com.pg](mailto:office@pngpower.com.pg)

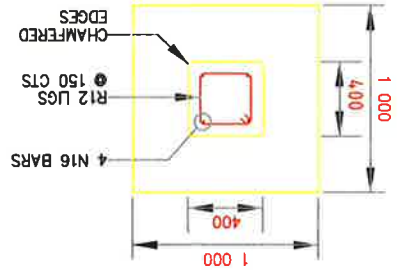
Drawn	TLC	Approved	GMAD
Designed	TLC	Endorsed	MGP
Checked	CCF		

Location	DOBEL SUB-STATION, W.H.P.
Title	HV SWITCHROOM FOUNDATION
Number	A1
Revision	

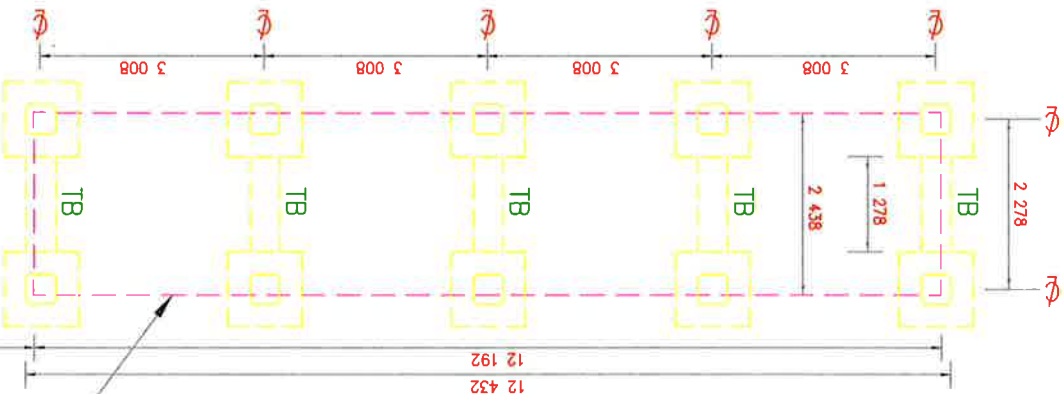
FRONT ELEVATION OF CONTAINER



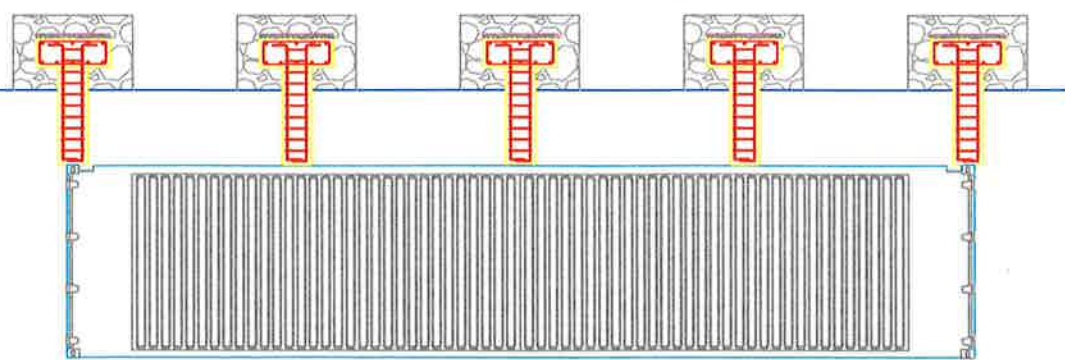
PLAN VIEW  
PEDESTAL FOOTING



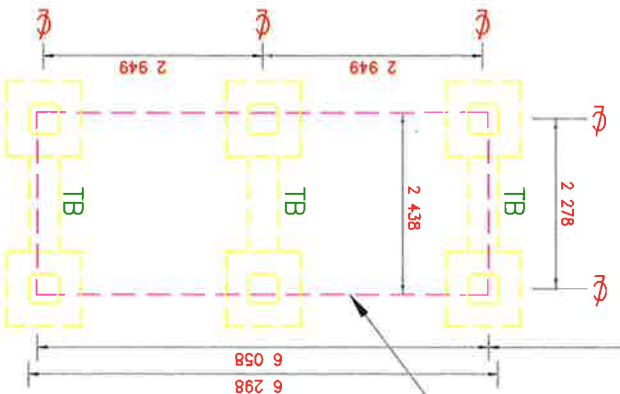
HV SWITCHROOM FOOTINGS LAYOUT PLAN  
40 FOOT HV SWITCHROOM CONTAINER



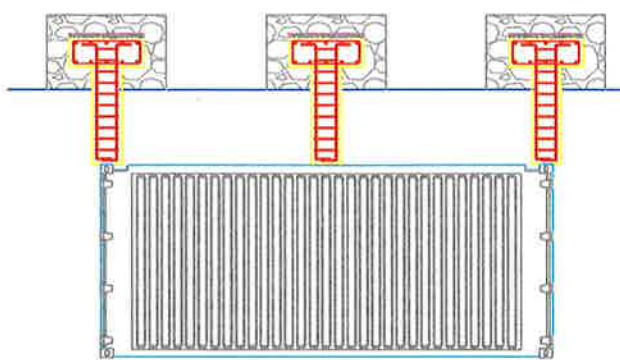
SIDE ELEVATION  
40 FOOT HV SWITCHROOM CONTAINER



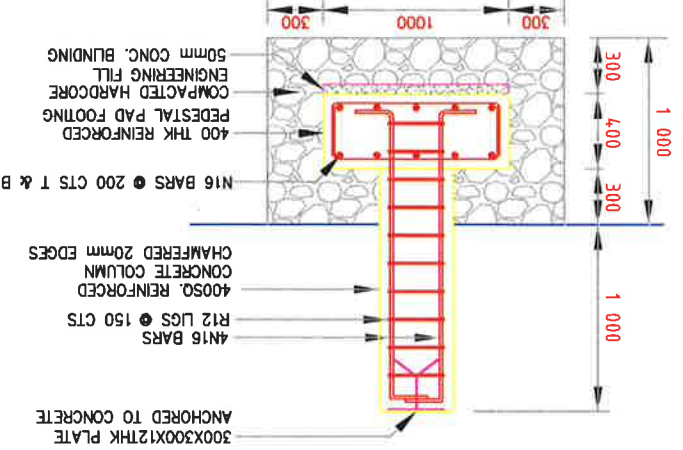
HV SWITCHROOM FOOTINGS LAYOUT PLAN  
20 FOOT HV SWITCHROOM CONTAINER



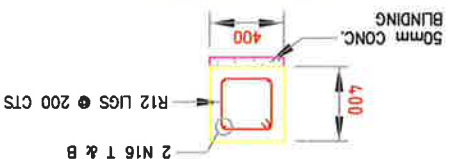
SIDE ELEVATION  
20 FOOT HV SWITCHROOM CONTAINER



TYPICAL DETAIL PEDESTAL FOOTING



TYPICAL DETAIL  
TIE BEAM (TB)





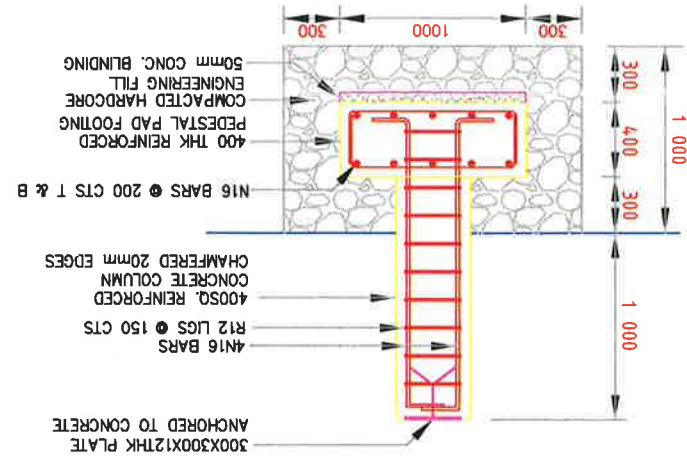
NOTES:

- CONCRETE TO BE CURED WITH 28 DAYS CURED TO BE SHOWN BY APPLYING THE SAND ON TOP OF FOOTINGS
- THE FINISH LEVELS OF FOOTINGS SHALL BE THE SAME AND APPLYING WATER ON 4 DAYS 5 DAYS
- MAINTAINING THE SAME LEVEL ALL THROUGHOUT
- ALL DIMENSIONS SHALL BE COMPARED ON SITE WITH THE SURVEYOR'S DRAWING TO BE CONSIDERED
- CONCRETE COVER SHALL BE 50mm FOR ALL DIMENSIONS

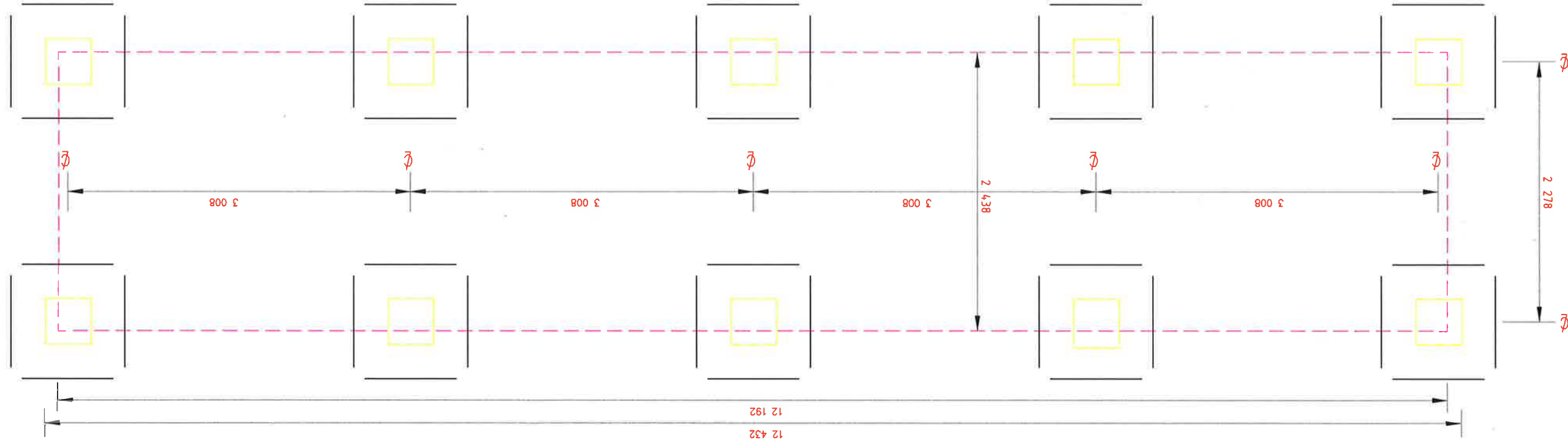
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CAD Filename		Rev.	Revision				By	Chkd	Date	<div><p><b>PNG POWER Ltd</b></p><p>P. O. Box 1105, BOROKO 111, NCLB, Papua New Guinea Telephone: (675) 324 3317 Facsimile: (675) 323 4982 E-mail: <a href="mailto:ocde@pngpower.com.pg">ocde@pngpower.com.pg</a></p></div>										Approved	GMAD	Revision	<div></div>						GPC-DSS-C06 Sheet 06 OF 06																	
H/2023 PROJECT/ DOBEL /																				Drawn	TLC	Location													DOBEL SUB-STATION, W.H.P. HV SWITCHROOM 40 FT FOUNDATION PLAN & DETAILS											
12MW POWER STATION/ CIVIL WORKS																				Designer	TLC	Title																			HV SWITCHROOM 40 FT FOUNDATION PLAN & DETAILS					
Date Plotted:																				Checked	CCE	A1																								
AS SHOWN										Endorsed	MGP	Number	GPC-DSS-C06																																	
FEBRUARY, 2023										GPC-DSS-C06																																				



NOTES:



## NOTATION FOR QUOTATION

# 40FT SWITCHROOM CONTAINER