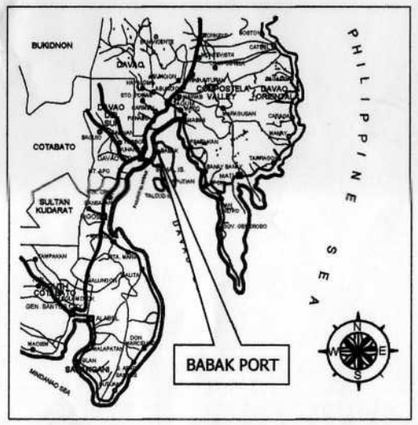
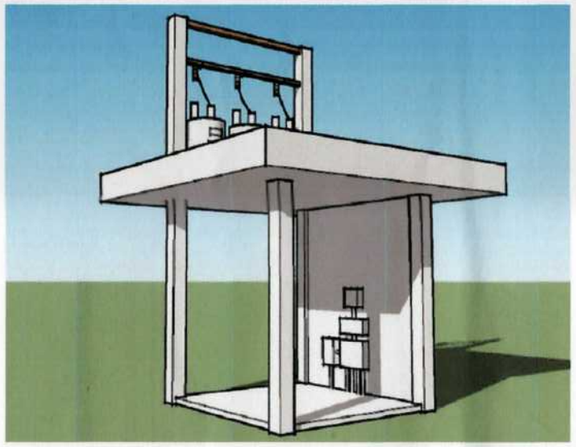


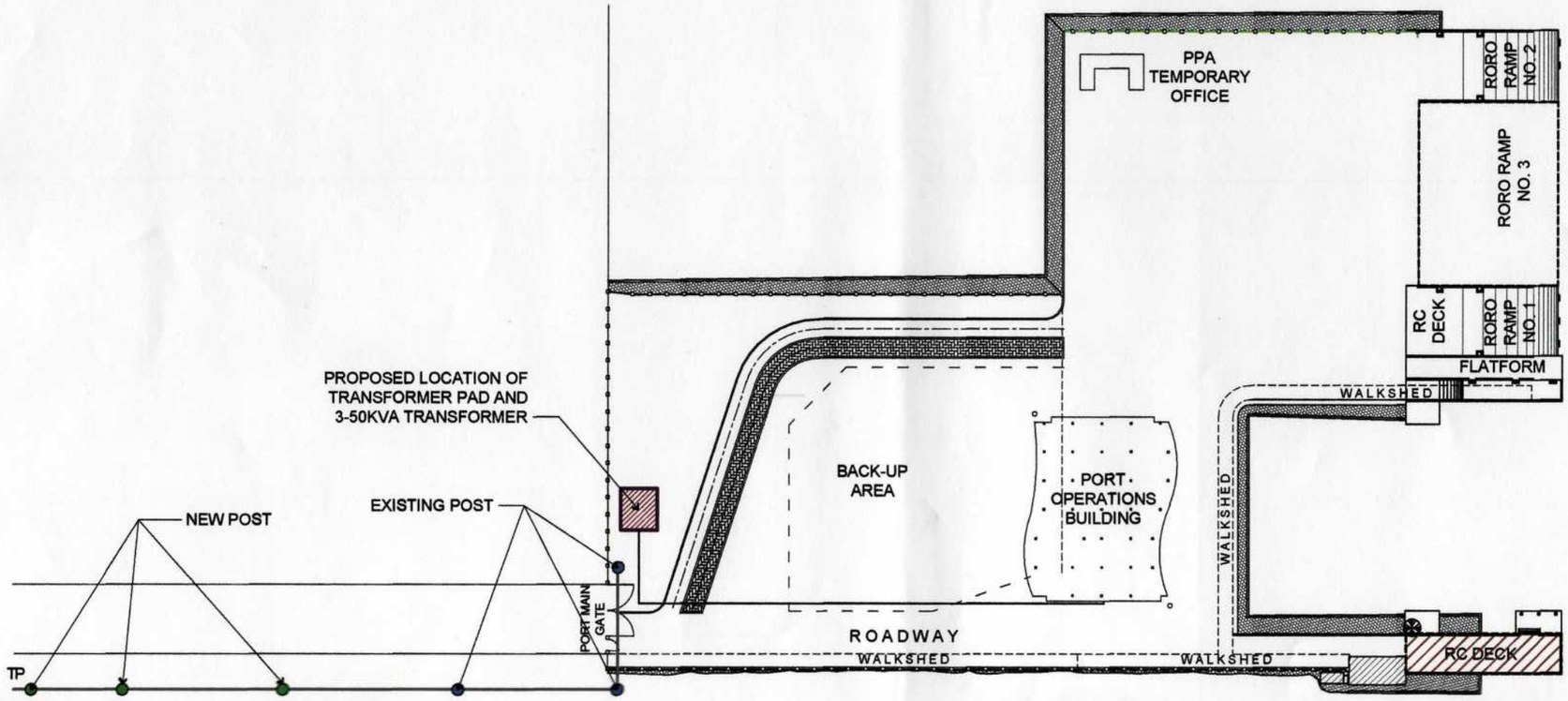


SHT. NO.	DESCRIPTION	SHT. NO.	DESCRIPTION
01	PORT LOCATION MAP / PERSPECTIVE / SHEET CONTENTS / PROJECT LOCATION PLAN	05	ROOF DECK SECTION-A / B1/CB1-ROOF BEAM / CANTILEVER BEAM SECTION DETAIL / ROOF DECK SECTION-B / PB-PARAPET BEAM SECTION DETAIL
02	FLOOR PLAN / RC DECK PLAN / FRONT ELEVATION / RIGHT SIDE ELEVATION / LEFT SIDE ELEVATION	06	STEEL FRAMING DETAIL FOR STANDARD COA BILLDOARD / ELECTRICAL LAYOUT / TRANSFROMER PAD ISOMETRIC VIEW / PANEL BOARD ARRANGEMENT / LOAD SCHEDULE
03	REAR ELEVATION / FOUNDATION PLAN / TB-TIE BEAM SECTION DETAIL / DETAIL OF COLUMN AND FOOTING CF1	07	SINGLE LINE DIAGRAM / RISER DIAGRAM
04	ROOF DECK FRAMING PLAN, REBARS DETAIL OF ROOF DECK / TRANSFORMER PAD DETAIL / TRANSFORMER PAD, FLATFORM DIMENSION FOR AN ALIGNED SUPPLY/SOURCE, SECTION DETAIL		

01.1 PORT LOCATION MAP
SCALE 1:NTS METERS

01.2 PERSPECTIVE
SCALE 1:NTS METERS

01.3 SHEET CONTENTS
SCALE 1:NTS METERS



01.4 PROJECT LOCATION PLAN
SCALE 1:1000 METERS

PHILIPPINE PORTS AUTHORITY PMO DAVAO

PREPARED BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL BY:	APPROVED BY:
VICTOR A. JASPE ENGINEERING ASSISTANT-A	EDELPETER L. DE LA ROSA SENIOR ENGINEER A	ASTERIO C. GALLARDO, JR. ESD MANAGER	ANALEE G. AGUILA PORT MANAGER

OWNER: ANALEE G. AGUILA, PORT MANAGER

SHEET CONTENTS: PORT LOCATION MAP / PERSPECTIVE / SHEET CONTENTS / PROJECT LOCATION PLAN

PROJECT TITLE: UPGRADING OF ELECTRICAL POWER CONNECTION INTO THREE PHASE POWER SUPPLY, BABAK PORT

LOCATION: BABAK PORT, BABAK, IGACOS, DAVAO DEL NORTE

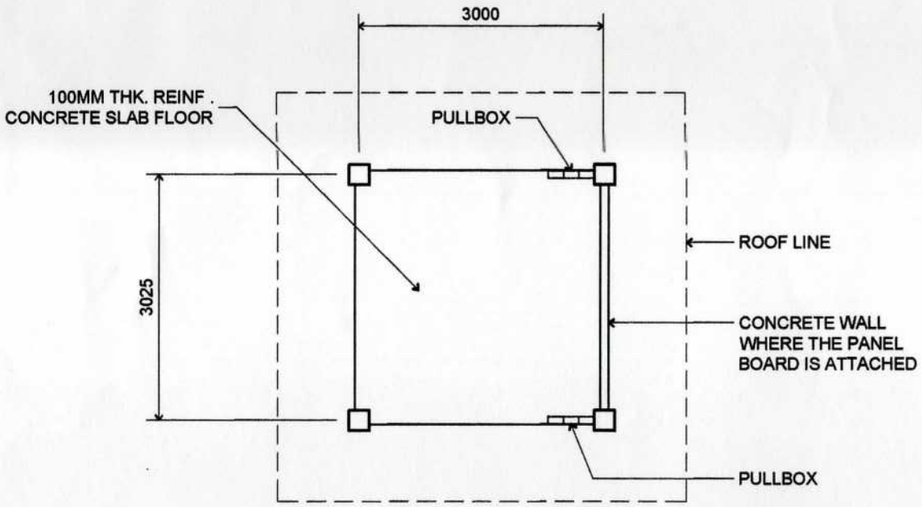
REVISIONS		
NO.	DATE	REMARKS
		ADDENDUM
PROJECT	-	
DATE	-	
DRAWN	-	

SHEET NO. 01 OF 7

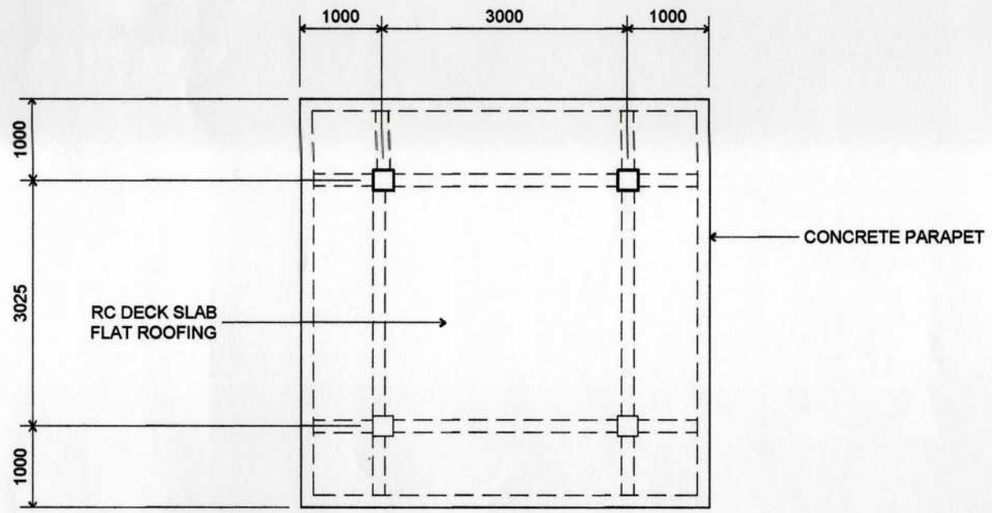
CADD BY: VAJ
DATE DRAWN: 04/13/2021
DATE CHKD: 5/21/2021

DRAWING AND SPECIFICATION DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICES ARE THE PROPERTY OF THE ARCHITECT, WHETHER THE OBJECTS FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF THE SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF THE SAID DOCUMENTS FOR USE IN REPETITION OF AND FOR PROJECTS OR BUILDINGS WHETHER PARTLY OR WHOLELY EXECUTED. R.A.545 SECTION 25(4).

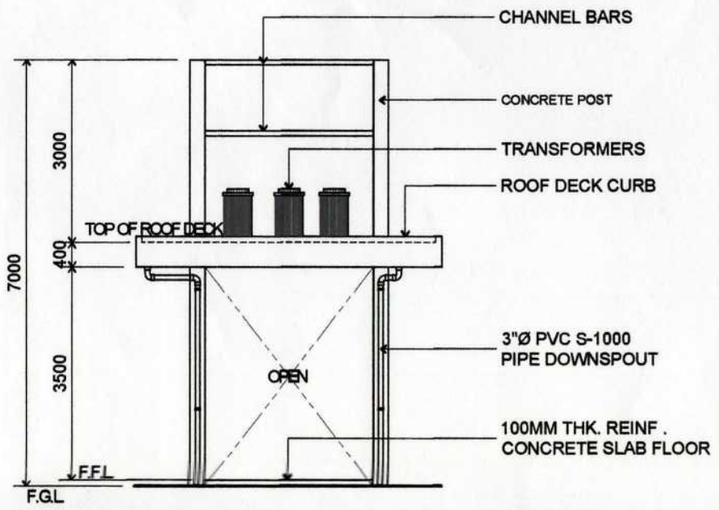
CAD FILE: C:\Users\PPA\Documents\VicJazz\Archivos de Oficina\CAD Files\Babak Port\2021-00-BABAK-Transformer Pad.dwg
LAST PLOTTED: 5/21/2021 2:09:46 PM
PLOTSTYLE: monochrome.ctb



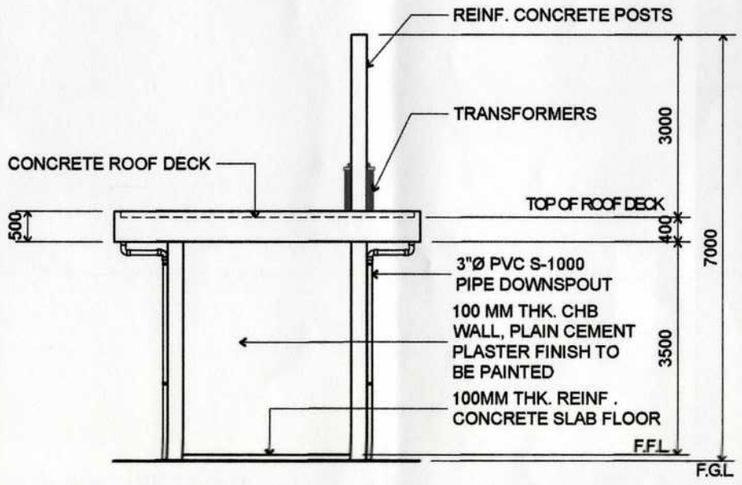
02.1 FLOOR PLAN
SCALE 1:75 METERS



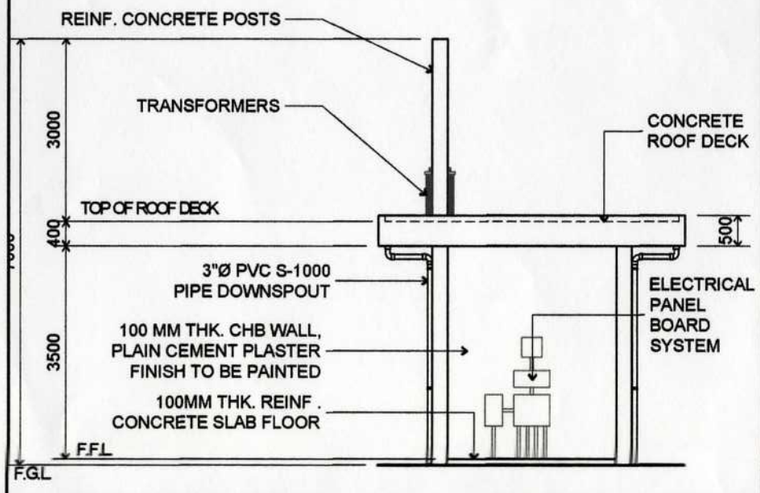
02.2 RC DECK PLAN
SCALE 1:75 METERS



02.3 FRONT ELEVATION
SCALE 1:100 METERS



02.4 RIGHT SIDE ELEVATION
SCALE 1:100 METERS



02.5 LEFT SIDE ELEVATION
SCALE 1:100 METERS

PHILIPPINE PORTS AUTHORITY
PMO DAVAO

PREPARED BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL BY:	APROVED BY:
VICTOR A. JASPE *ENGINEERING ASSISTANT--A*	EDELPETER L. DE LA ROSA *SENIOR ENGINEER A*	ASTERIO O. GALLARDO, JR. *ESD MANAGER*	ANALEE G. AGUILA *PORT MANAGER*

OWNER: ANALEE G. AGUILA, *PORT MANAGER*

SHEET CONTENTS: FLOOR PLAN / RC DECK PLAN / FRONT ELEVATION / RIGHT SIDE ELEVATION / LEFT SIDE ELEVATION

PROJECT TITLE: UPGRADING OF ELECTRICAL POWER CONNECTION INTO THREE PHASE POWER SUPPLY, BABAK PORT

LOCATION: BABAK PORT, BABAK, IGACOS, DAVAO DEL NORTE

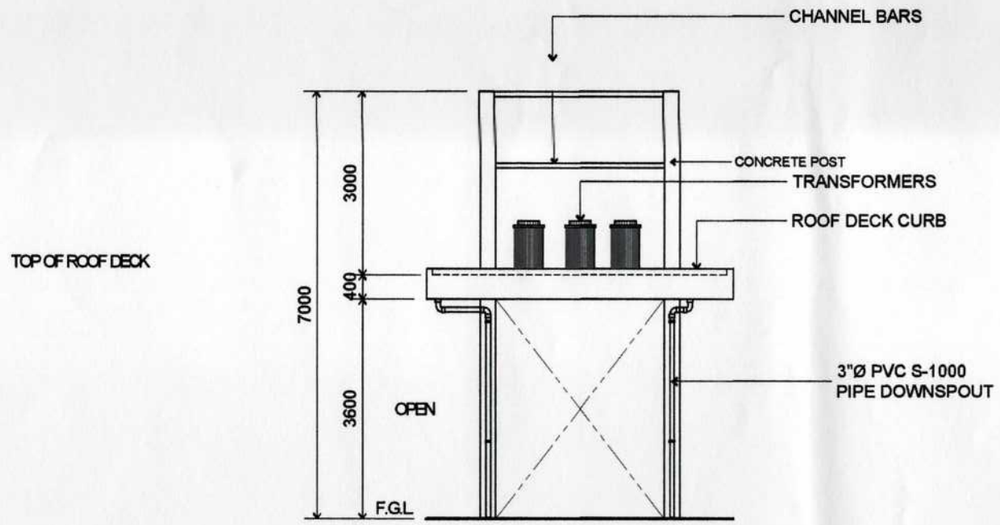
REVISIONS		
NO.	DATE	REMARKS
		ADDENDUM
NO.	-	
PROJECT	-	
DATE	-	
DRAWN	-	

SHEET NO. 02 OF 7

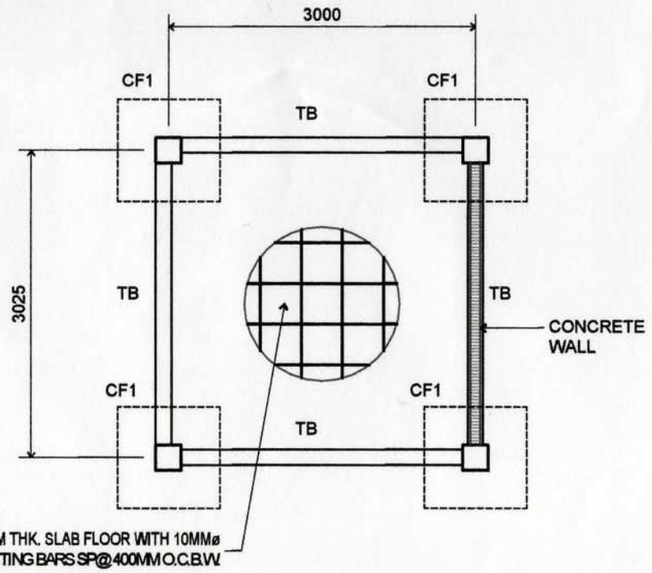
CADD BY: VAJ
DRAWING DATE: 04/13/2021
DRAWING DATE: 5/21/2021

DRAWING AND SPECIFICATION DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICES ARE THE PROPERTY OF THE ARCHITECT, WHETHER THE OBJECTS FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF THE SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF THE SAID DOCUMENTS FOR USE IN REPETITION OF AND FOR PROJECTS OR BUILDINGS WHETHER PARTLY OR WHOLELY EXECUTED. R.A.545 SECTION 25(4).

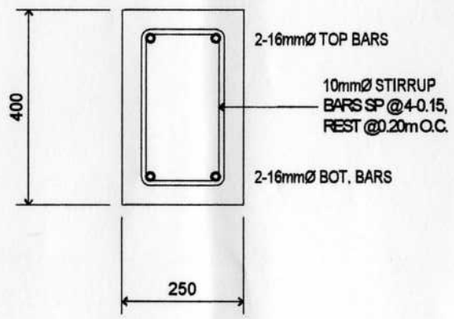
CAD FILE: C:\Users\PPA\Documents\VicJazz\Archivos de Oficina\CAD Files\Babak Port\2021-00-BABAK-Transformer Pad.dwg
PLOTTED DATE : May 21, 2021 - 1:49pm



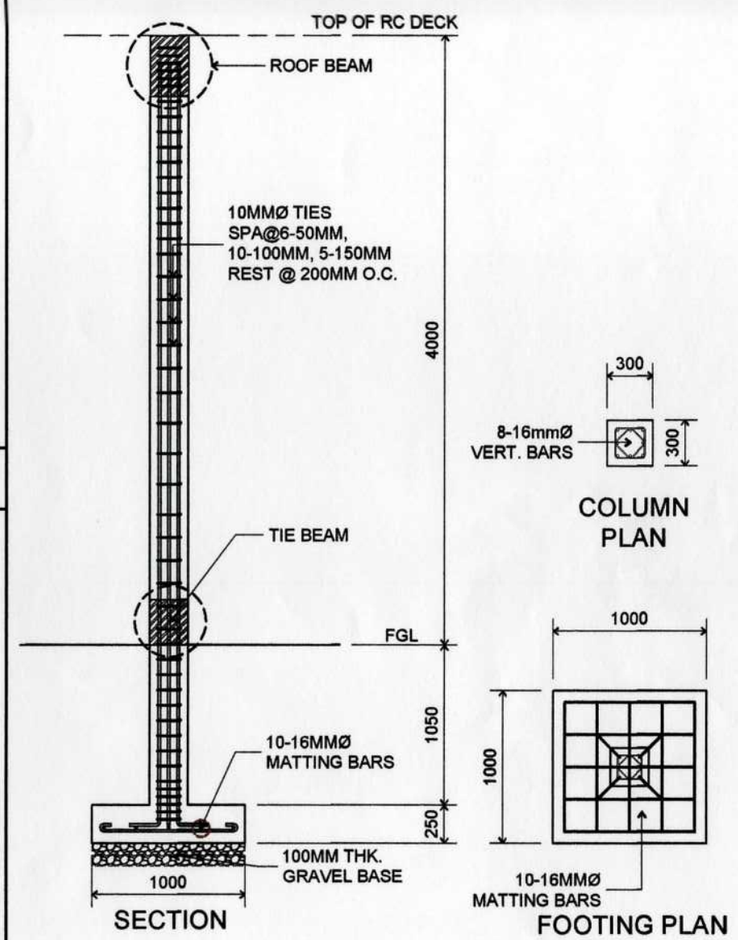
03.1 REAR ELEVATION
SCALE 1:100 METERS



03.2 FOUNDATION PLAN
SCALE 1:60 METERS



03.3 TB-TIE BEAM SECTION DETAIL
SCALE 1:12.5 METERS



03.4 DETAIL OF COLUMN AND FOOTING CF1
SCALE 1:40 METERS

PHILIPPINE PORTS AUTHORITY
PMO DAVAO

PREPARED BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL BY:	APROVED BY:
VICTOR A. JASPE *ENGINEERING ASSISTANT-A*	EDELPETER L. DE LA ROSA *SENIOR ENGINEER A*	ASTERIO C. GALLARDO, JR. *ESD MANAGER*	ANALEE G. AGUILA *PORT MANAGER*

OWNER: ANALEE G. AGUILA, *PORT MANAGER*

SHEET CONTENTS: REAR ELEVATION / FOUNDATION PLAN / TB-TIE BEAM SECTION DETAIL / DETAIL OF COLUMN AND FOOTING CF1

PROJECT TITLE: UPGRADING OF ELECTRICAL POWER CONNECTION INTO THREE PHASE POWER SUPPLY, BABAK PORT

LOCATION: BABAK PORT, BABAK, IGACOS, DAVAO DEL NORTE

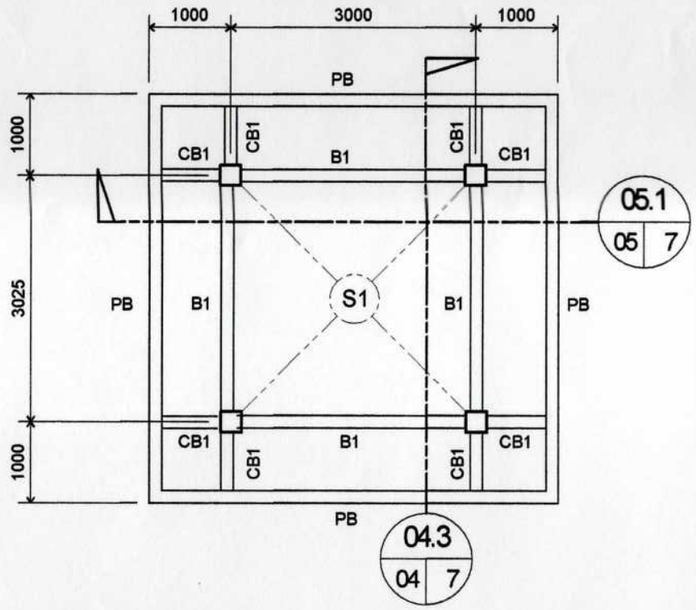
REVISIONS		
DATE	REMARKS	
	ADDENDUM	
NO.	-	
PROJECT	-	
DATE	-	
DRAWN	-	

SHEET NO. 03 OF 7

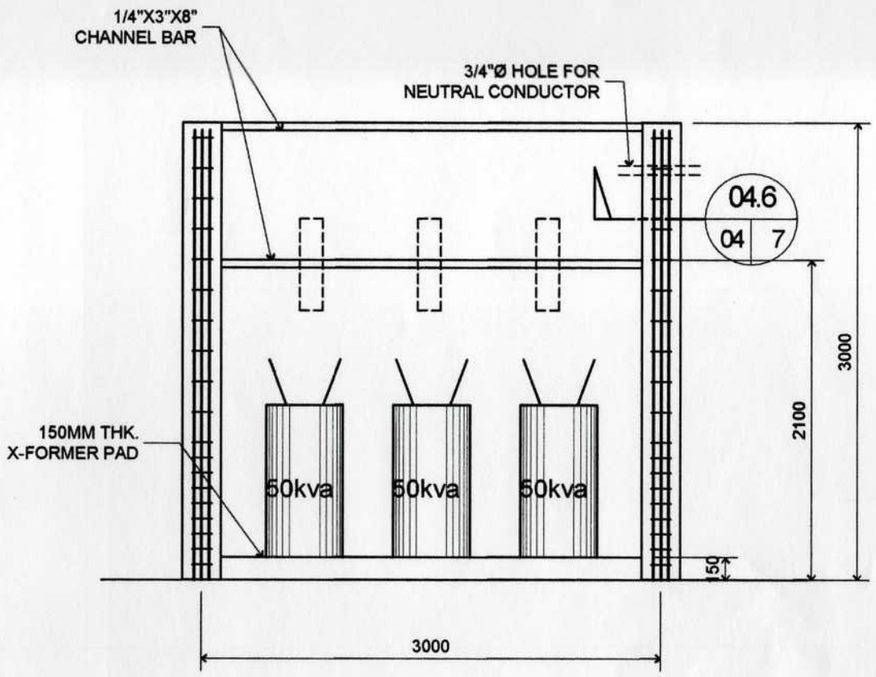
CADD BY: VAJ
DATE DRAWN: 04/13/2021
DATE REVISED: 5/21/2021

CAD FILE: C:\Users\PPA\Documents\VicJazz\Archivos de Oficina\CAD Files\Babak Port\2021-00-BABAK-Transformer Pad.dwg
PLOTTED DATE : May 21, 2021 - 1:50pm

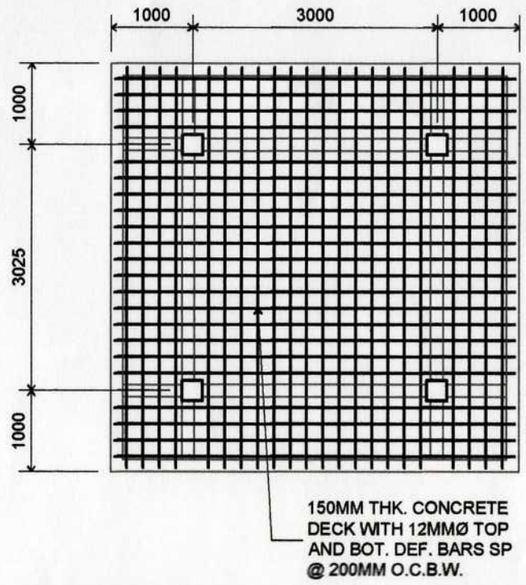
DRAWING AND SPECIFICATION DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICES ARE THE PROPERTY OF THE ARCHITECT, WHETHER THE OBJECTS FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF THE SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF THE SAID DOCUMENTS FOR USE IN REPETITION OF AND FOR PROJECTS OR BUILDINGS WHETHER PARTLY OR WHOLELY EXECUTED. R.A.545 SECTION 25(4).



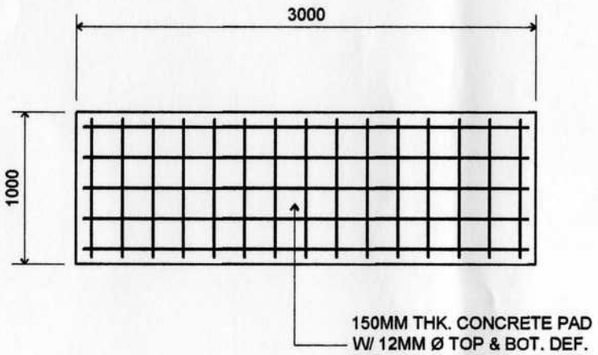
04.1 ROOF DECK FRAMING PLAN
SCALE 1: 75 METERS



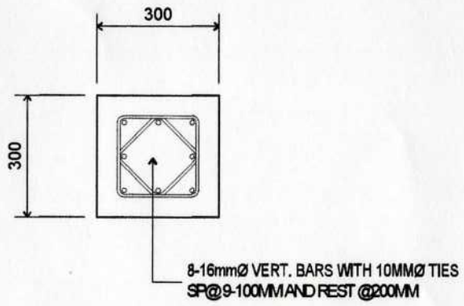
04.4 TRANSFORMER PAD/FLATFORM DIMENSION FOR AN ALIGNED SUPPLY/SOURCE
SCALE 1: 45 METERS



04.2 REBARS DETAILS OF ROOF DECK
SCALE 1: 75 METERS



04.3 TRANSFORMER PAD DETAIL
SCALE 1: 75 METERS



04.5 SECTION DETAIL
SCALE 1: 15 METERS

PHILIPPINE PORTS AUTHORITY
PMO DAVAO

PREPARED BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL BY:	APROVED BY:
VICTOR A. JASPE *ENGINEERING ASSISTANT-A*	EDELPETER L. DE LA ROSA *SENIOR ENGINEER A*	ASTERIO C. GALLARDO, JR. *ESD MANAGER*	ANALEE G. AGUILA *PORT MANAGER*

OWNER: ANALEE G. AGUILA, *PORT MANAGER*

SHEET CONTENTS: ROOF DECK FRAMING PLAN, REBARS DETAIL OF ROOF DECK / TRANSFORMER PAD DETAIL / TRANSFORMER PAD, PLATFORM DIMENSION FOR AN ALIGNED SUPPLY/SOURCE, SECTION DETAIL

PROJECT TITLE: UPGRADING OF ELECTRICAL POWER CONNECTION INTO THREE PHASE POWER SUPPLY, BABAK PORT

LOCATION: BABAK PORT, BABAK, IGACOS, DAVAO DEL NORTE

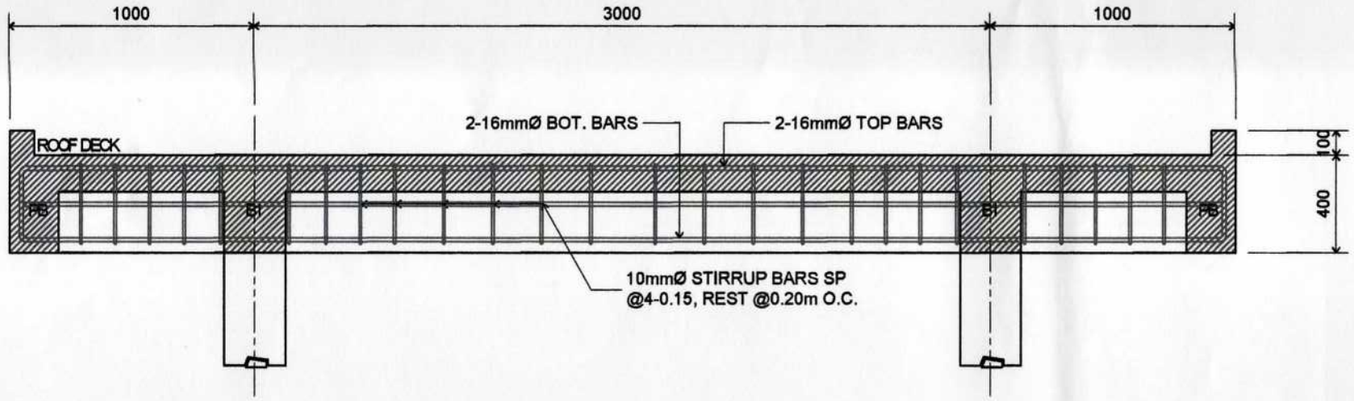
REVISIONS		
DATE	REMARKS	
	ADDENDUM	
NO.	-	
PROJECT	-	
DATE	-	
DRAWN	-	

SHEET NO. 04 OF 7

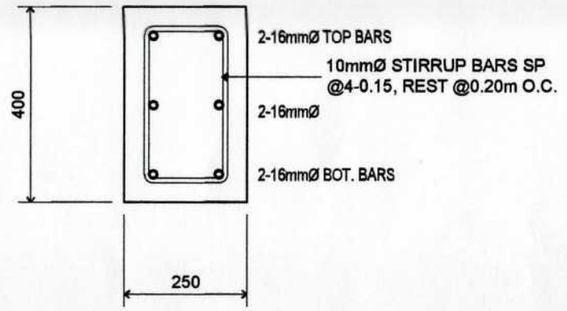
CADD BY: VAJ
DATE DRAWN: 04/13/2021
DATE UPDATED: 5/21/2021

DRAWING AND SPECIFICATION DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICES ARE THE PROPERTY OF THE ARCHITECT, WHETHER THE OBJECTS FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF THE SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF THE SAID DOCUMENTS FOR USE IN REPETITION OF AND FOR PROJECTS OR BUILDINGS WHETHER PARTLY OR WHOLELY EXECUTED. R.A.545 SECTION 25(4).

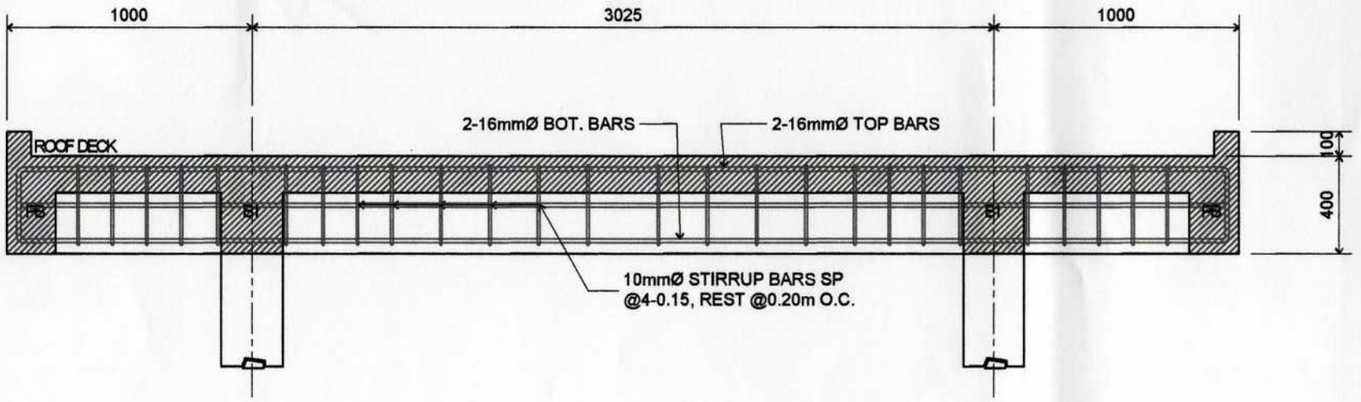
CAD FILE: C:\Users\PPA\Documents\VicJazz\Archivos de Oficina\CAD Files\Babak Port\2021-00-BABAK-Transformer Pad.dwg
PLOTTED DATE : May 21, 2021 - 1:50pm



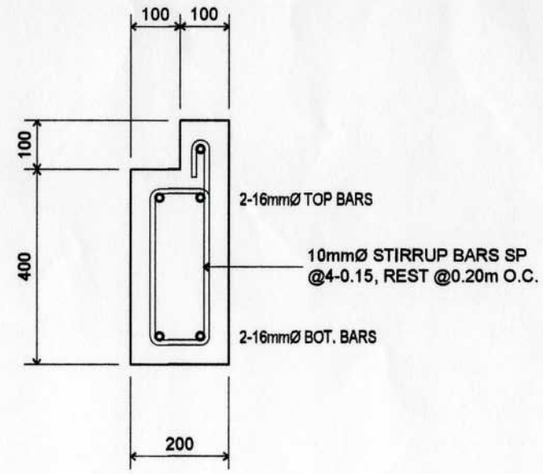
05.1 ROOF DECK SECTION-A
SCALE 1: 25 METERS



05.2 B1/CB1-ROOF BEAM / CANTILEVER BEAM SECTION DETAIL
SCALE 1:12.5 METERS



05.3 ROOF DECK SECTION-B
SCALE 1: 25 METERS



05.4 PB-PARAPET BEAM SECTION DETAIL
SCALE 1:12.5 METERS

PHILIPPINE PORTS AUTHORITY
PMO DAVAO

PREPARED BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL BY:	APROVED BY:
VICTOR A. JASPE *ENGINEERING ASSISTANT-A*	EDELPETER L. DE LA ROSA *SENIOR ENGINEER A*	ASTERIO C. GALLARDO, JR. *ESD MANAGER*	ANALEE G. AGUILA *PORT MANAGER*

OWNER: ANALEE G. AGUILA, *PORT MANAGER*

PROJECT TITLE: UPGRADING OF ELECTRICAL POWER CONNECTION INTO THREE PHASE POWER SUPPLY, BABAK PORT

LOCATION: BABAK PORT, BABAK, IGACOS, DAVAO DEL NORTE

SHEET CONTENTS: ROOF DECK SECTION-A / B1/CB1-ROOF BEAM / CANTILEVER BEAM SECTION DETAIL / ROOF DECK SECTION-B / PB-PARAPET BEAM SECTION DETAIL

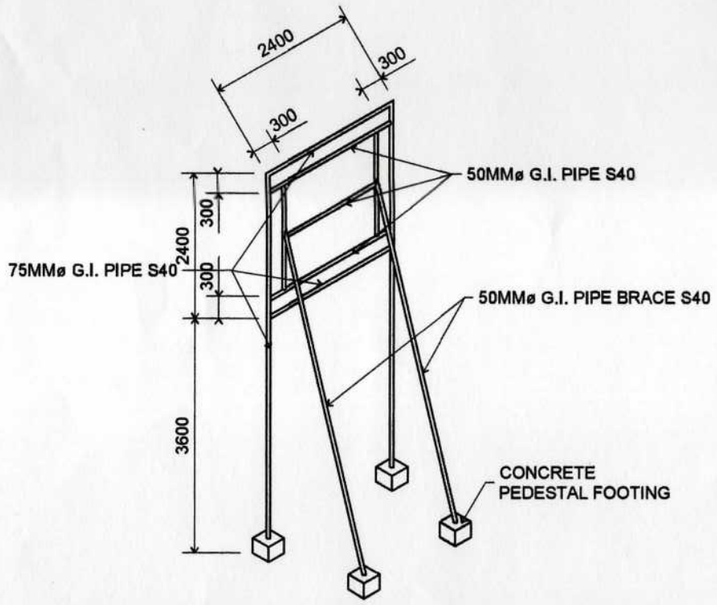
REVISIONS		
DATE	REMARKS	
ADDENDUM		
NO.	-	
PROJECT	-	
DATE	-	
DRAWN	-	

SHEET NO. 05 OF 7

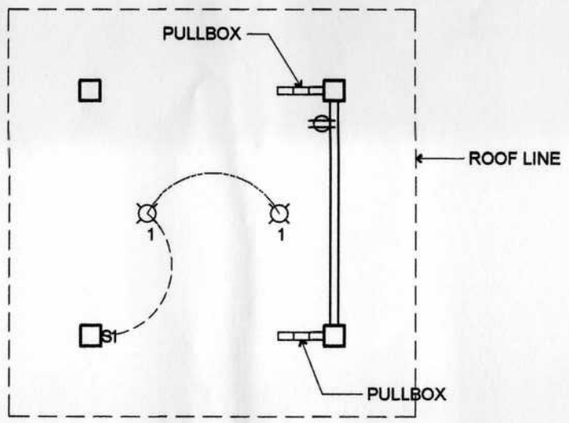
CADD BY: VAJ
DATE DRAWN: 04/13/2021
DATE UPDATED: 8/14/2021

CAD FILE: C:\Users\PPA\Documents\Vic Jazz\Archivos de Oficina\CAD Files\Babak Port\2021-00-BABAK-Transformer Pad.dwg
PLOTTED DATE : May 14, 2021 - 12:05pm

DRAWING AND SPECIFICATION DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICES ARE THE PROPERTY OF THE ARCHITECT, WHETHER THE OBJECTS FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF THE SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF THE SAID DOCUMENTS FOR USE IN REPETITION OF AND FOR PROJECTS OR BUILDINGS WHETHER PARTLY OR WHOLELY EXECUTED. R.A.545 SECTION 25(4).



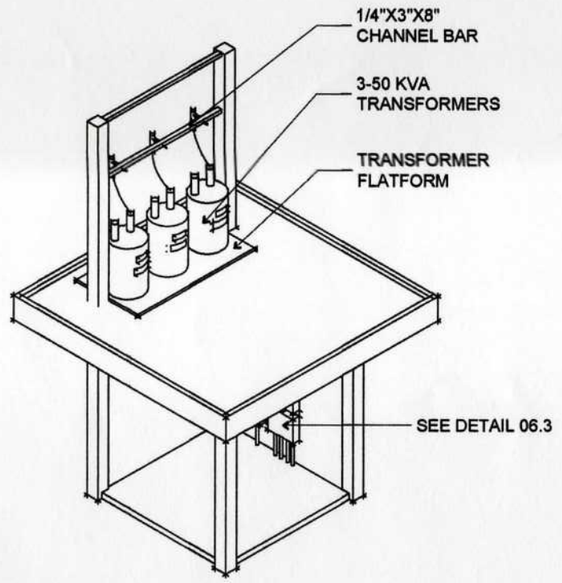
06.1 STEEL FRAMING DETAIL FOR STANDARD COA BILLDOARD
SCALE 1:100 METERS



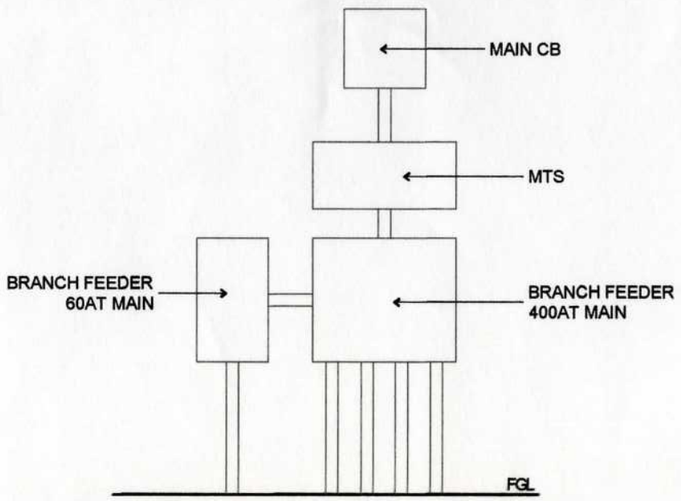
LEGEND:

	LIGHTING FIXTURE
	2-GANG CONVENIENCE OUTLET WEATHER PROOF
S1	SWITCH (NUMBER DENOTES NO. OF GANG)

06.2 ELECTRICAL LAYOUT
SCALE 1:75 METERS



06.3 TRANSFROMER PAD ISOMETRIC VIEW
SCALE 1:25 METERS



06.3 PANEL BOARD ARRANGEMENT
SCALE 1:NTS METERS

PANEL NAME	SUMMARY OF LOADS	SUMMARY OF LOADS	MAIN FEEDER SIZE		MAIN FEEDER SIZE	
PANEL LOCATION	TRANSFORMER PAD		2 SETS OF 3-150MM.SQUARE THWN		AT	400
ENCLOSURE	NEMA-1		30mm² THHN GREEN		AF	500
SYSTEM	220 V, THREE PHASE, 60 Hz		1 SET PVC CONDUIT		P	3
MIN. RMS SYM. CURRENT	KAIC					

CKT. NO.	LOAD DESCRIPTION PANEL ID	LOAD IN KW	LOAD IN KVA	DEMAND KVA	VOLTS	CONNECTED LOAD CURRENT AMPERES 3-PH	AB	BC	CA	BREAKER AT	AF	P	CONDUCTOR (mm²)
1	PORT TERMINAL BUILDING		45.70		220	207.73				300	400	3	X2-50+G22
2	TEMPORARY OFFICE		13.30		220	60.00				60	100	3	X14+G5.5
3	LIGHTINGS		5.0		220	22.73				60	100	3	X14+G5.5
										40	100	3	X14+G5.5
	TOTAL		63.90		220	290.46							

FOR FEEDER CURRENT:
TOTAL CURRENT = 290.46 A

FOR OVERCURRENT DEVICE:
HIGHEST OB RATING = 300 A
REMAINING LOAD = 82.73 A
TOTAL CURRENT = 382.73 A

TRANSFORMER RATING COMPUTATION: KVA = $\frac{V_L X I_L X 1.732}{1000}$

$= \frac{240 X 290.46 X 1.732}{1000}$

$= 120.74$

THEREFORE:
USE 3-50 KVA SINGLE PHASE OIL-IMMERSED TYPE TRANSFORMER (PCB FREE)

06.4 LOAD SCHEDULE
SCALE 1:NTS METERS

PHILIPPINE PORTS AUTHORITY
PMO DAVAO

PREPARED BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL BY:	APROVED BY:
VICTOR A. JASPE ENGINEERING ASSISTANT-A	EDELPETER L. DE LA ROSA SENIOR ENGINEER A	ASTERIO C. GALLARDO, JR. ESD MANAGER	ANALEE G. AGUILA PORT MANAGER

OWNER: ANALEE G. AGUILA, PORT MANAGER

SHEET CONTENTS: STEEL FRAMING DETAIL FOR STANDARD COA BILLDOARD / ELECTRICAL LAYOUT / TRANSFROMER PAD ISOMETRIC VIEW / PANEL BOARD ARRANGEMENT / LOAD SCHEDULE

PROJECT TITLE: UPGRADING OF ELECTRICAL POWER CONNECTION INTO THREE PHASE POWER SUPPLY, BABAK PORT

LOCATION: BABAK PORT, BABAK, IGACOS, DAVAO DEL NORTE

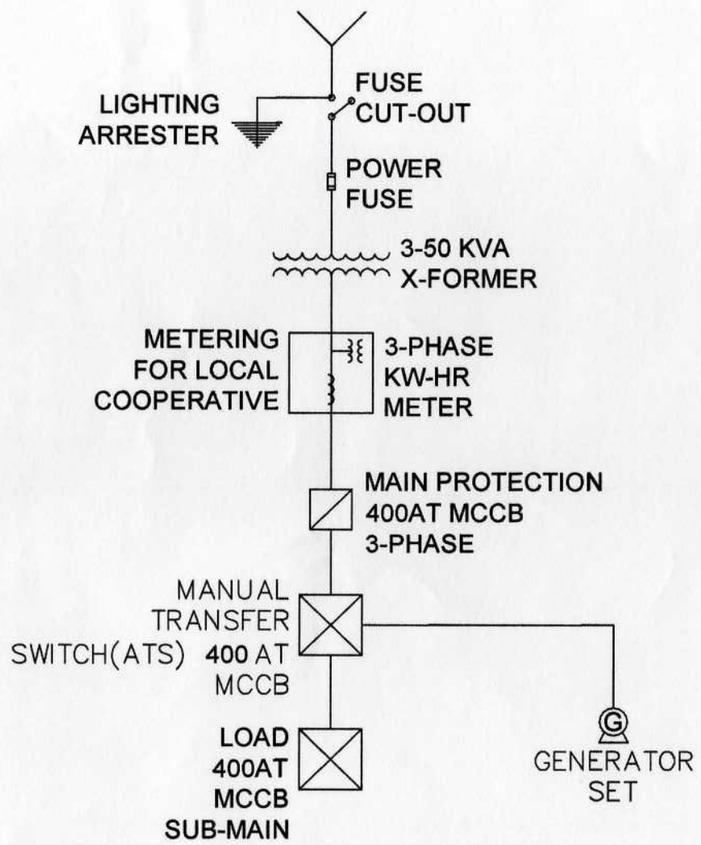
REVISIONS DATE	REMARKS
ADDENDUM NO.	-
PROJECT	-
DATE	-
DRAWN	-

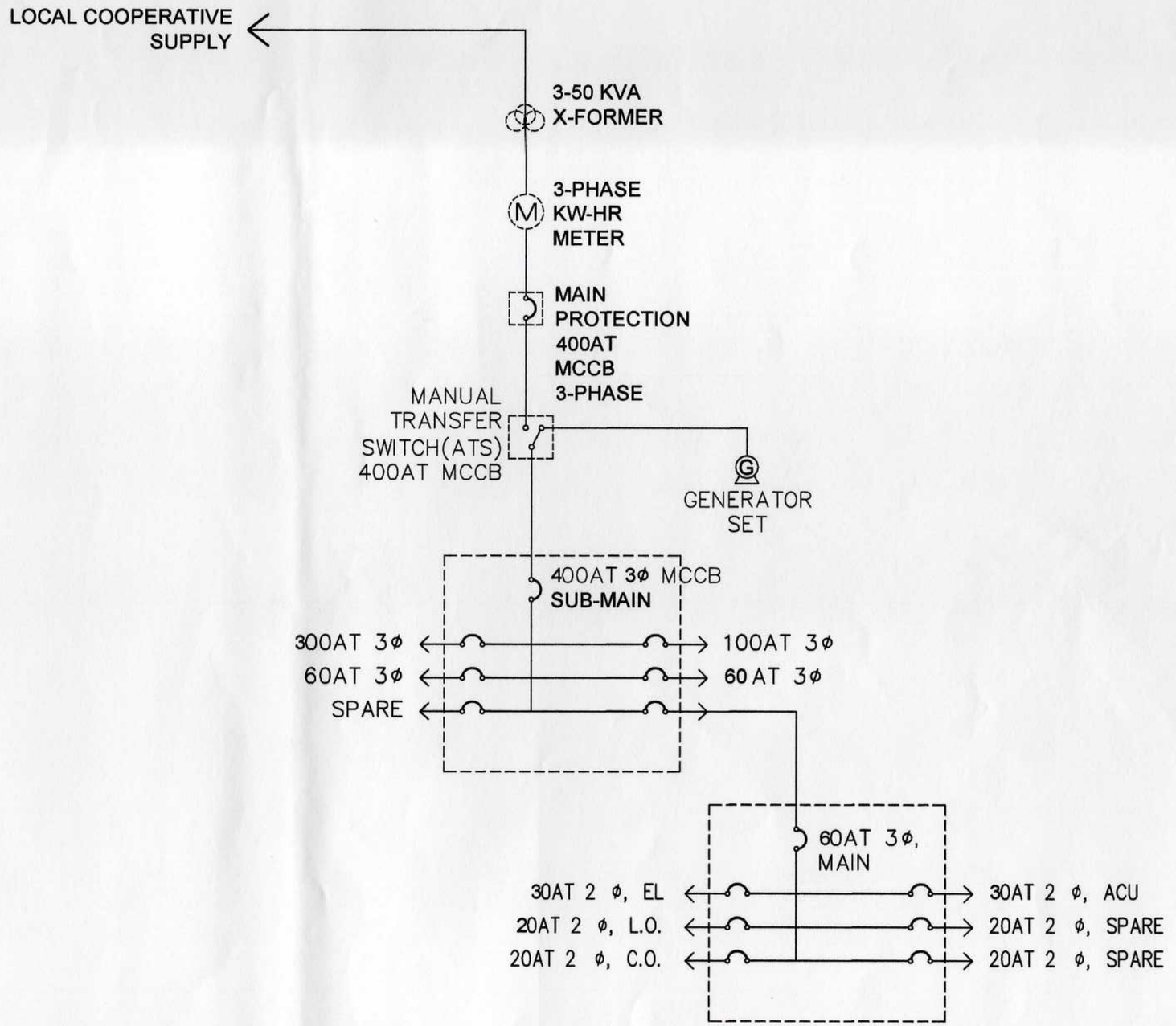
SHEET NO. 06 OF 7

CADD BY: VAJ
DATE DRAWN: 04/13/2021
DATE CHECKED: 5/21/2021

DRAWING AND SPECIFICATION DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE ARCHITECT, WHETHER THE OBJECTS FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF THE SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF THE SAID DOCUMENTS FOR USE IN REPETITION OF AND FOR PROJECTS OR BUILDINGS WHETHER PARTLY OR WHOLELY EXECUTED. R.A.545 SECTION 25(4).

CAD FILE: C:\Users\PPA\Documents\VicJazz\Archivos de Oficina\CAD Files\Babak Port\2021-00-BABAK-Transformer Pad.dwg
PLOTTED DATE : May 27, 2021 - 3:29pm





07.1 SINGLE LINE DIAGRAM
SCALE 1: NTS METERS

07.2 RISER DIAGRAM
SCALE 1: NTS METERS

PHILIPPINE PORTS AUTHORITY
PMO DAVAO

PREPARED BY:	CHECKED AND REVIEWED BY:	RECOMMENDING APPROVAL BY:	APROVED BY:
VICTOR A. JASPE *ENGINEERING ASSISTANT–A*	EDELPETER L. DE LA ROSA *SENIOR ENGINEER A*	ASTERIO G. GALLARDO, JR. *ESD MANAGER*	ANALEE G. AGUILA *PORT MANAGER*

OWNER: ANALEE G. AGUILA, *PORT MANAGER*

SHEET CONTENTS: SINGLE LINE DIAGRAM / RISER DIAGRAM

PROJECT TITLE: UPGRADING OF ELECTRICAL POWER CONNECTION INTO THREE PHASE POWER SUPPLY, BABAK PORT

LOCATION: BABAK PORT, BABAK, IGACOS, DAVAO DEL NORTE

REVISIONS		
DATE	REMARKS	
	ADDENDUM	
NO.	-	
PROJECT	-	
DATE	-	
DRAWN	-	

SHEET NO. 07 OF 7

CADD BY: VJN
DATE DRAWN: 04/13/2021
DATE REVISED: 5/14/2021

CAD FILE: C:\Users\PPA\Documents\VicJazz\Archivos de Oficina\CAD Files\Babak Port\2021-00-BABAK-Transformer Pad.dwg
PLOTTED DATE : May 14, 2021 - 12:06pm

DRAWING AND SPECIFICATION DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS OF SERVICES ARE THE PROPERTY OF THE ARCHITECT, WHETHER THE OBJECTS FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OF THE SAID DOCUMENTS TO DUPLICATE OR TO MAKE COPIES OF THE SAID DOCUMENTS FOR USE IN REPETITION OF AND FOR PROJECTS OR BUILDINGS WHETHER PARTLY OR WHOLELY EXECUTED. R.A.545 SECTION 25(4).