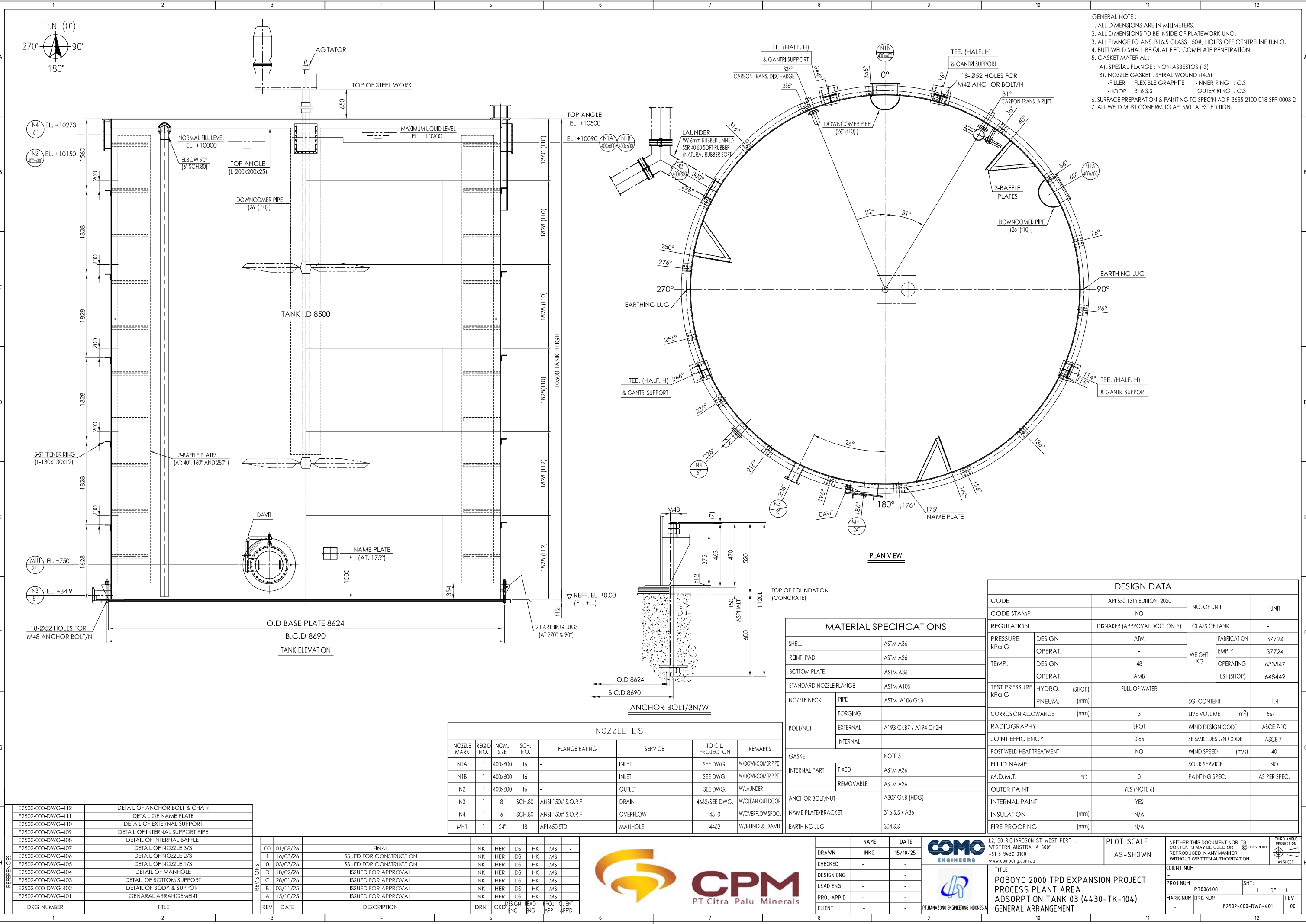




- GENERAL NOTE :
- 1. ALL DIMENSIONS ARE IN MILLIMETERS.
 - 2. ALL DIMENSIONS TO BE INSIDE OF PLATEWORK UNO.
 - 3. ALL FLANGE TO ANSI B16.5 CLASS 150#, HOLES OFF CENTRELINE U.N.O.
 - 4. BUTT WELD SHALL BE QUALIFIED COMPLETE PENETRATION.
 - 5. GASKET MATERIAL :
 - A). SPESIAL FLANGE : NON ASBESTOS (13)
 - B). NOZZLE GASKET : SPIRAL WOUND (14.5)
 - FILLER : FLEXIBLE GRAPHITE -INNER RING : C.S
 - HOOP : 316 S.S -OUTER RING : C.S
 - 6. SURFACE PREPARATION & PAINTING TO SPEC'N ADIP-3655-2100-018-SFF-0003-2
 - 7. ALL WELD MUST CONFIRM TO API 650 LATEST EDITION.

PLAN VIEW

TANK ELEVATION

ANCHOR BOLT/3N/W

NOZZLE LIST							
NOZZLE MARK	REQ'D NO.	NOM. SIZE	SCH. NO.	FLANGE RATING	SERVICE	TO C.L. PROJECTION	REMARKS
N1A	1	400x600	16	-	INLET	SEE DWG.	W/DOWNCOMER PIPE
N1B	1	400x600	16	-	INLET	SEE DWG.	W/DOWNCOMER PIPE
N2	1	400x600	16	-	OUTLET	SEE DWG.	W/LAUNDER
N3	1	8"	SCH.80	ANSI 150# S.O.R.F	DRAIN	4662/SEE DWG.	W/CLEAN OUT DOOR
N4	1	6"	SCH.80	ANSI 150# S.O.R.F	OVERFLOW	4510	W/OVERFLOW SPOOL
MH1	1	24"	18	API 650 STD	MANHOLE	4462	W/BLIND & DAVIT

MATERIAL SPECIFICATIONS		
SHELL		ASTM A36
REINF. PAD		ASTM A36
BOTTOM PLATE		ASTM A36
STANDARD NOZZLE FLANGE		ASTM A105
NOZZLE NECK	PIPE	ASTM A106 Gr.B
	FORGING	-
	EXTERNAL	A193 Gr.B7 / A194 Gr.2H
	INTERNAL	-
BOLT/NUT		
GASKET		NOTE 5
INTERNAL PART	FIXED	ASTM A36
	REMOVABLE	ASTM A36
ANCHOR BOLT/NUT		A307 Gr.B (HDG)
NAME PLATE/BACKET		316 S.S / A36
EARTHING LUG		304 S.S

DESIGN DATA				
CODE	API 650 13th EDITION, 2020		NO. OF UNIT	1 UNIT
CODE STAMP	NO		CLASS OF TANK	-
REGULATION	DISNAKER (APPROVAL DOC. ONLY)		WEIGHT KG	FABRICATION
				37724
PRESSURE kPa.G	DESIGN	ATM		EMPTY
TEMP.	DESIGN	48		37724
TEST PRESSURE kPa.G	HYDRO. (SHOP)	FULL OF WATER	TEST (SHOP)	633547
PNEUM. (mm)	-	-		648442
CORROSION ALLOWANCE (mm)	3	LIVE VOLUME (m³)	567	
RADIOGRAPHY	SPOT	WIND DESIGN CODE	ASCE 7-10	
JOINT EFFICIENCY	0.85	SEISMIC DESIGN CODE	ASCE 7	
POST WELD HEAT TREATMENT	NO	WIND SPEED (m/s)	40	
FLUID NAME	-	SOUR SERVICE	NO	
M.D.M.T. °C	0	PAINTING SPEC.	AS PER SPEC.	
OUTER PAINT	YES (NOTE 6)			
INTERNAL PAINT	YES			
INSULATION (mm)	N/A			
FIRE PROOFING (mm)	N/A			

DRG NUMBER	TITLE
E2502-000-DWG-412	DETAIL OF ANCHOR BOLT & CHAIR
E2502-000-DWG-411	DETAIL OF NAME PLATE
E2502-000-DWG-410	DETAIL OF EXTERNAL SUPPORT
E2502-000-DWG-409	DETAIL OF INTERNAL SUPPORT PIPE
E2502-000-DWG-408	DETAIL OF INTERNAL BAFFLE
E2502-000-DWG-407	DETAIL OF NOZZLE 3/3
E2502-000-DWG-406	DETAIL OF NOZZLE 2/3
E2502-000-DWG-405	DETAIL OF NOZZLE 1/3
E2502-000-DWG-404	DETAIL OF MANHOLE
E2502-000-DWG-403	DETAIL OF BOTTOM SUPPORT
E2502-000-DWG-402	DETAIL OF BODY & SUPPORT
E2502-000-DWG-401	GENARAL ARRANGEMENT

REV	DATE	DESCRIPTION	DRN	CKD	DESIGN ENG	LEAD ENG	PROJ APP	CLIENT APP
00	01/08/26	FINAL	INK	HER	DS	HK	MS	-
1	16/03/26	ISSUED FOR CONSTRUCTION	INK	HER	DS	HK	MS	-
0	03/03/26	ISSUED FOR CONSTRUCTION	INK	HER	DS	HK	MS	-
D	18/02/26	ISSUED FOR APPROVAL	INK	HER	DS	HK	MS	-
C	28/01/26	ISSUED FOR APPROVAL	INK	HER	DS	HK	MS	-
B	03/11/25	ISSUED FOR APPROVAL	INK	HER	DS	HK	MS	-
A	15/10/25	ISSUED FOR APPROVAL	INK	HER	DS	HK	MS	-



	NAME	DATE
DRAWN	INKO	15/10/25
CHECKED	-	-
DESIGN ENG	-	-
LEAD ENG	-	-
PROJ APP'D	-	-
CLIENT	-	-



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TITLE
POBOYO 2000 TPD EXPANSION PROJECT
PROCESS PLANT AREA
ADSORPTION TANK 03 (4430-TK-104)
GENERAL ARRANGEMENT

PLOT SCALE
AS-SHOWN

NEITHER THIS DOCUMENT NOR ITS CONTENTS MAY BE USED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN AUTHORIZATION.				THIRD ANGLE PROJECTION AT SHEET
CLIENT NUM				
PROJ NUM	PT006108	SHT:	1 OF 1	
MARK NUM	DRG NUM	E2502-000-DWG-401	REV	00