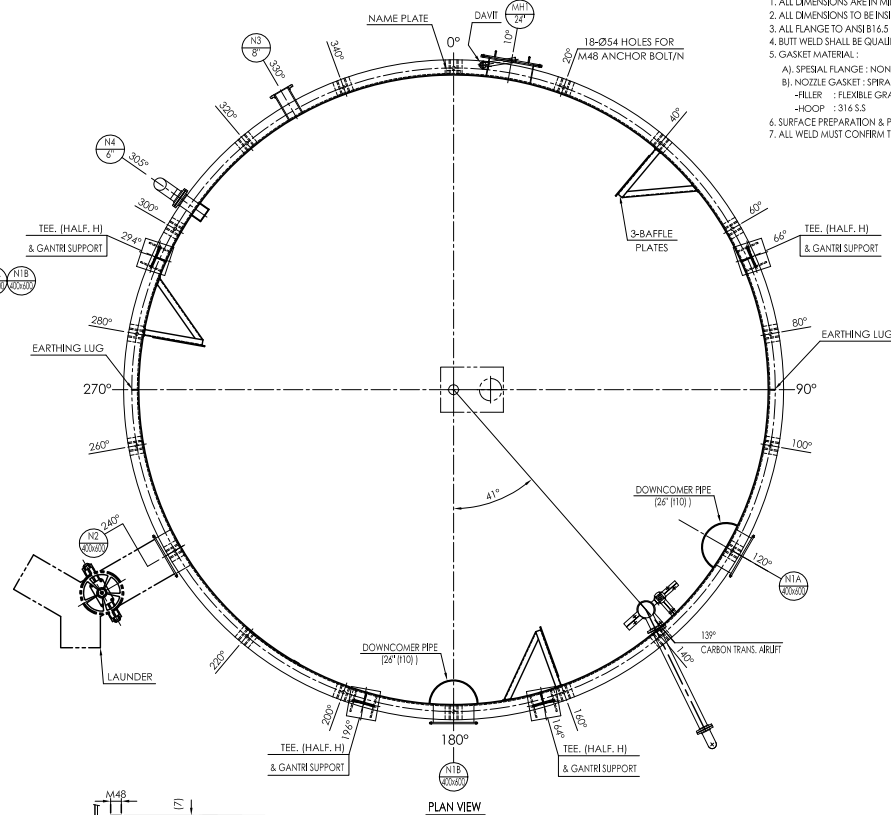
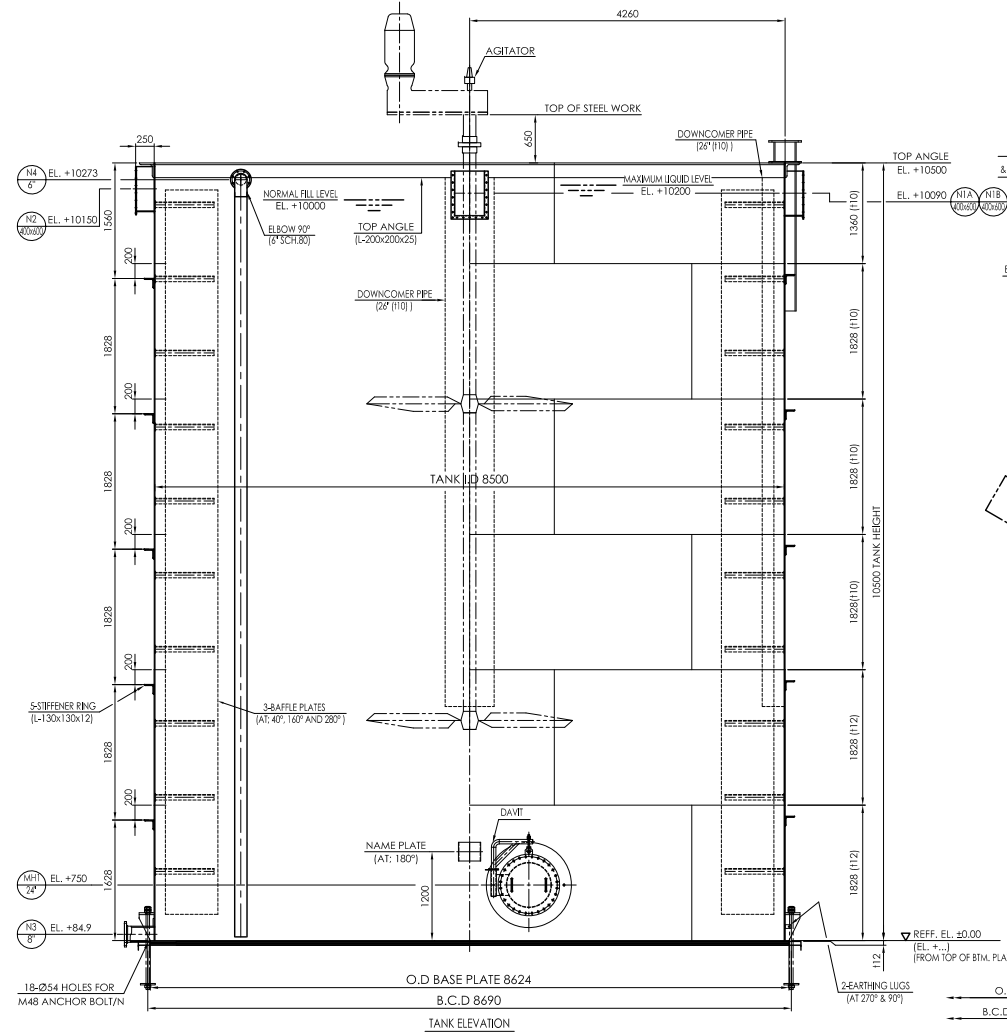




- GENERAL NOTE:
1. ALL DIMENSIONS ARE IN MILLIMETERS.
 2. ALL DIMENSIONS TO BE INSIDE OF PLATEWORK UNLESS OTHERWISE SPECIFIED.
 3. ALL FLANGE TO ANSI B16.5 CLASS 150#, HOLES OFF CENTRELINE U.N.O.
 4. BUTT WELD SHALL BE QUALIFIED COMPLETE PENETRATION.
 5. GASKET MATERIAL:
 - A) SPECIAL FLANGE : NON ASBESTOS (R3)
 - B) NOZZLE GASKET : SPIRAL WOUND (H4.5)
 - FILLER : FLEXIBLE GRAPHITE
 - HOOP : 316 S.S
 6. SURFACE PREPARATION & PAINTING TO SPEC'N ACIP-3655-2100-018-FEP-0003-2
 7. ALL WELD MUST CONFIRM TO API 650 LATEST EDITION.

E2502-000-DWG-712	DETAIL OF ANCHOR BOLT & CHAIR
E2502-000-DWG-711	DETAIL OF NAME PLATE
E2502-000-DWG-710	DETAIL OF EXTERNAL SUPPORT
E2502-000-DWG-709	DETAIL OF INTERNAL SUPPORT PIPE
E2502-000-DWG-708	DETAIL OF INTERNAL BAFFLE
E2502-000-DWG-707	DETAIL OF NOZZLE 3/3
E2502-000-DWG-706	DETAIL OF NOZZLE 2/3
E2502-000-DWG-705	DETAIL OF NOZZLE 1/3
E2502-000-DWG-704	DETAIL OF BOTTOM SUPPORT
E2502-000-DWG-703	DETAIL OF BODY & SUPPORT
E2502-000-DWG-702	GENERAL ARRANGEMENT
E2502-000-DWG-701	

REV	DATE	DESCRIPTION	DRN	CHKD	ENGR	BAO	PROJ	CLIENT	APPD
100	01/08/24	FINAL	INK	HER	DS	HK	MS	-	-
D	14/07/24	ISSUED FOR CONSTRUCTION	INK	HER	DS	HK	MS	-	-
D	18/02/24	ISSUED FOR APPROVAL	INK	HER	DS	HK	MS	-	-
C	28/01/24	ISSUED FOR APPROVAL	INK	HER	DS	HK	MS	-	-
B	03/11/23	ISSUED FOR APPROVAL	INK	HER	DS	HK	MS	-	-
A	15/10/23	ISSUED FOR APPROVAL	INK	HER	DS	HK	MS	-	-

NOZZLE LIST						
NOZZLE MARK	REQD NO.	NOM. SIZE	SCH. NO.	FLANGE RATING	SERVICE	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	4642/SEE DWG. W/CLEAN OUT DOOR
N4	1	4"	SCH.80	ANSI 150# S.O.R.F	OVERFLOW	4510 W/OVERFLOW SPOOL
MH1	1	24"	16	API 650 STD	MANHOLE	4462 W/BLIND & DAVIT

MATERIAL SPECIFICATIONS	
SHELL	ASTM A36
REIN. PAD	ASTM A36
BOTTOM PLATE	ASTM A36
STANDARD NOZZLE FLANGE	ASTM A105
NOZZLE NECK	PIPE
FORGING	ASTM A104 Gr.B
BOLT/NUT	EXTERNAL A193 Gr.B7 / A194 Gr.2H
INTERNAL	-
GASKET	NOTE 5
INTERNAL PART	FIXED
REMOVABLE	ASTM A36
ANCHOR BOLT/NUT	A307 Gr.B (HDS)
NAME PLATE/BRAKET	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	DENAKER (APPROVAL DOC. ONLY)	FABRICATION	37790
PRESSURE kPa.G	DESIGN ATM	EMPTY	37790
TEMP.	DESIGN 48	OPERATING	633613
TEST PRESSURE kPa.G	DESIGN 48	TEST (SHOP)	648508
HYDRO. (SHOP)	FULL OF WATER	SG. CONTENT	1.4
PNEUM. (mm)	-	WIND VOLUME (m³)	567
CORROSION ALLOWANCE (mm)	3	WIND DESIGN CODE	ASCE 7-10
RADIOGRAPHY	SPOT	SEISMIC DESIGN CODE	ASCE 7
JOINT EFFICIENCY	0.8 / 0.75	POST WELD HEAT TREATMENT	NO
FLUID NAME	-	SOUR SERVICE	NO
M.D.M.T.	°C	PAINTING SPEC.	AS PER SPEC.
OUTER PAINT	YES (NOTE 6)		
INTERNAL PAINT	YES		
INSULATION (mm)	N/A		
FIRE PROOFING (mm)	N/A		

NAME	DATE
INKO	15/10/25
CHECKED	-
DESIGN ENG	-
LEAD ENG	-
PROJ APPD	-
CLIENT	-

L2, 38 RICHARDSON ST. WEST PERTH,
WESTERN AUSTRALIA 6005
61 8 9432 0900
www.comoeng.com.au

PLOT SCALE
AS-SHOWN

CLIENT NUM	PROJ NUM	SHT.	1 OF 1
PT006108			
MARK NUM	ORG NUM	REV	00
E2502-000-DWG-701			



POBOYO 2000 TPD EXPANSION PROJECT
PROCESS PLANT AREA
ADSORPTION TANK 06 (46-30-TK-107)
GENERAL ARRANGEMENT