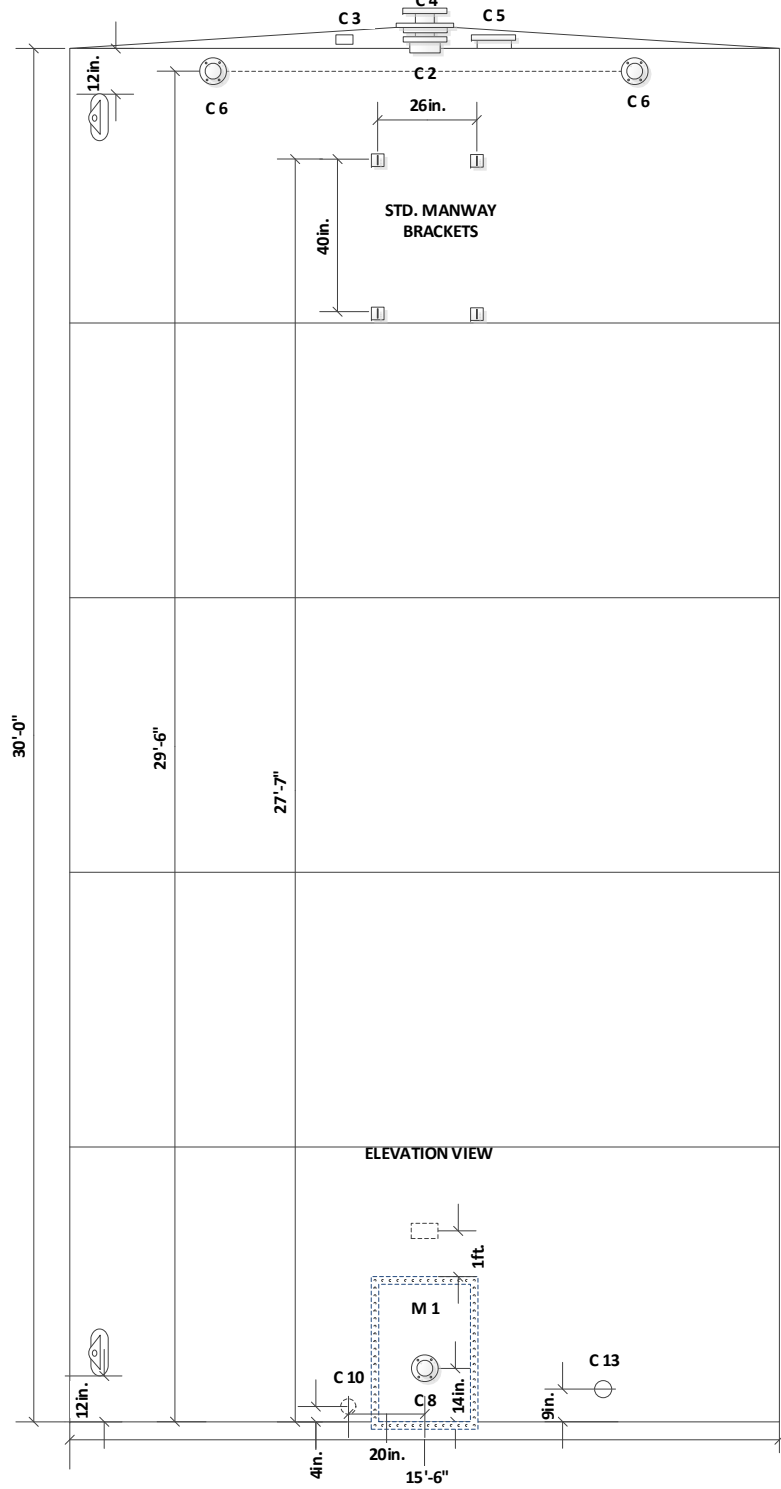
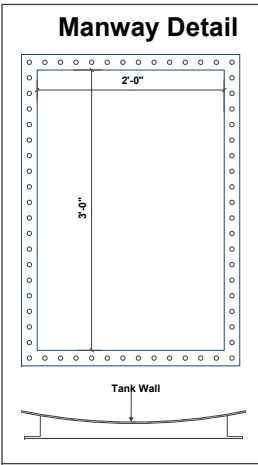
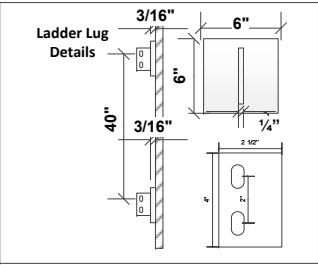
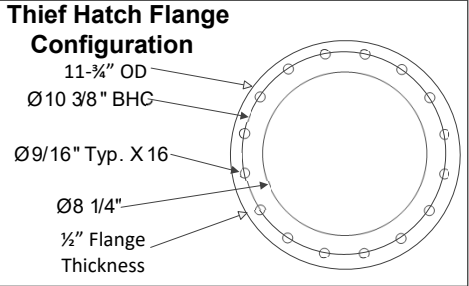
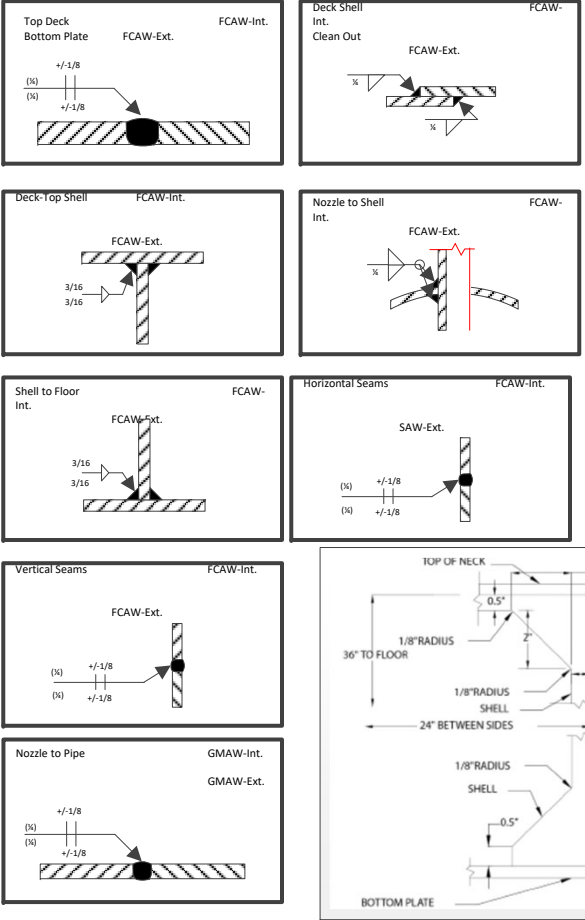
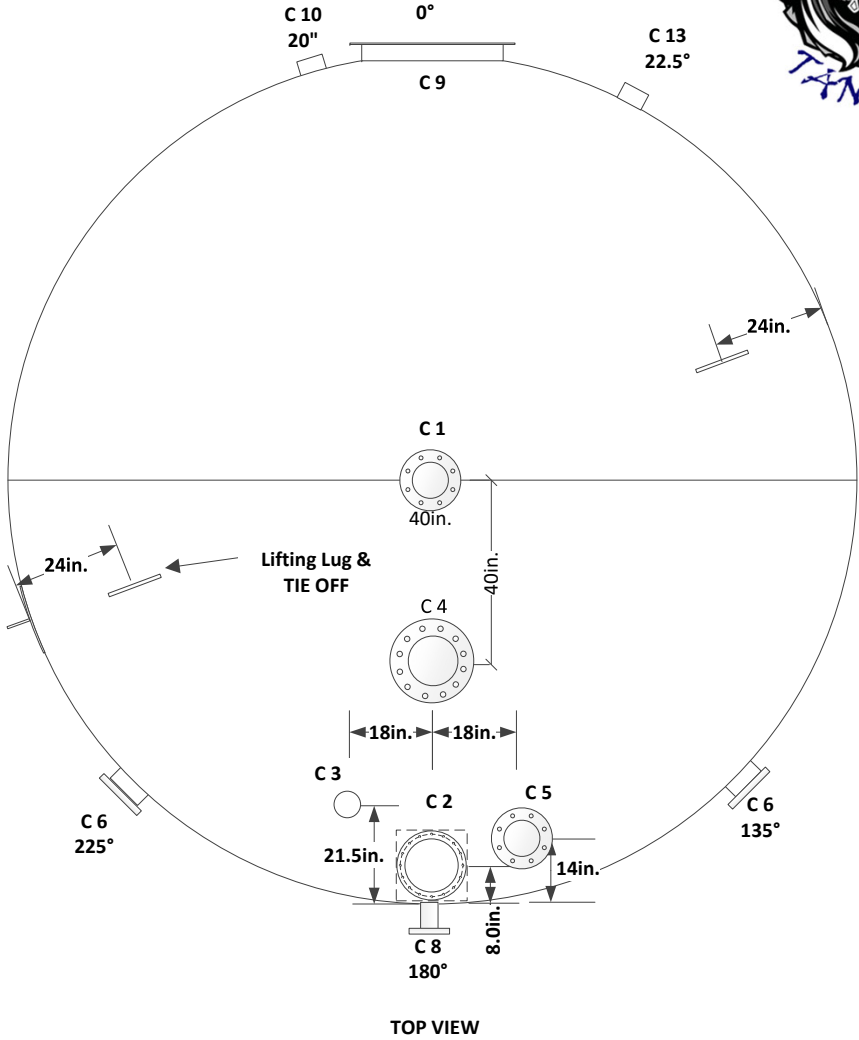


CLIENT:	BLACKSWAN	REVISIONS	DATE	DESCRIPTON	BY	APPROVED	PROJECT NO.	N/A	DWG. #	1045-1000-1API
PROJECT:	BENDER						PO. NO.	N/A	DRAWN BY:	ROBBIE WATTERS
LOCATION:	N/A	B	11/29/22	Change C-6 & C5 to 6"	RW	R.WATTERS	ESTIMATED WEIGHT	17,800 lbs.	REVIEWED BY:	JESUS FRANCO
DESCRIPTION:	1000 BBL STANDARD E-VENT	A	11/1/2021	Project Verification Complete	RW	R.WATTERS	DATE:	1/1/2020	APPROVED BY:	ROBBIE WATTERS

WELDING PROCEDURES
WPS TP-GFS-2.0



PROPRIETARY, COPYRIGHT AND
CONFIDENTIAL
ALL DRAWINGS AND DETAILS ARE THE
PROPERTY OF
WARRIOR TANK MFG, LLC
3460 S. FULTON AVE.
ODESSA, TEXAS 79766



GENERAL SPECIFICATIONS

15'6" x 30' 1000 BBL.
BUILT TO API 12-F

MATERIAL DESCRIPTION	1. TANK DECK	1/4" 1000 BBL SA-36 MATERIAL
	2. TANK BOTTOM	1/4" 1000 BBL SA-36 MATERIAL
	3. PLATE COIL	4 - 3/16" X 72" X 585" SA-36 MATERIAL
	4. PLATE COIL	1 - 1/4" X 72" X 585" SA-36 MATERIAL
	5. NAME PLATE BRACKET	U-BEND 1/4" THICK SA-36 MATERIAL
	6. STRICKER PLATE	12" X 12" 1/4" THICK SA-36 MATERIAL
	7. LADDER LUGS	4 STD. API 12-F 1/4" THICK SA-36 MATERIAL
	8. THIEF HATCH / GASKET	VESSEL COMPONENTS W/NEOPRENE GASKET
	9. MANWAY / GASKET	NEOPRENE
	10. BOLTS / MANWAY	64- X 1" BOLTS & NUTS ASTM – A307 GRADE A OR B
	11. BOLTS / THIEF HATCH	16- X 1" BOLTS & NUTS ASTM – A307 GRADE A OR B
	12. LIFTING LUGS	4 ON DECK 2 ON COURSES 1/4" THICK SA-36 MATERIAL
	13.	
DESIGN DATA	1. DESIGN PRSSURE	16 OZ. PER SQ. IN. / 1 OZ. PER SQ. IN.
	2. TESTING REQUIRMENTS	1 1/2 TIMES DESIGN PRESSURE / 12 OZ. PER SQ. IN.
	3. TESTING REMARKS	TESTING PER API 12-F (AIR TEST)
	4. WELDING	IN ACCORDANCE WITH WELDING SYMBOLS
	5. FLANGES	N/A
	6. COUPLINGS	API 5L GRADE B
	7.	
	8.	
COATING	1. EXTERNAL BLAST	DTM
	2. EXTERNAL COATING	DESERT TAN
	3. INTERNAL BLAST	SP-5
	4. INTERNAL COATING	NOVAPLATE UHS
	5.	

FITTING & ACCESSORY ORIENTATION

MARK	SIZE	FITTING DESCRIPTION	ORIENTATION N=0°	HEIGHT FROM TANK BOTTOM FT. IN.	DESCRIPTION OF NOZZLE
C-1	6"	SA-106B 150# RFSO	STD. API 12-F	ROOF	TANK VENT CONNECTION 6" PROJECTION
C-2	8"	THIEF HATCH	180°	ROOF	GAUGE HATCH CONNECTION 6" PROJECTION
C-3	4"	API FULL COUPLING	STD. API 12-F	ROOF	FILL LINE CONNECTION
C-4	12"	SA-105 150# RFSO	STD. API 12-F	ROOF	EMERGENCY VENT CONNECTION 6" PROJECTION
C-5	6"	SA-105 150# RFSO	STD. API 12-F	ROOF	LEVEL INSTRUMENT CONNECTION
C-6	6"	SA-105 150# RFSO	135°	29'	OVERFLOW CONNECTION
C-6	6"	SA-105 150# RFSO	225°	29'	OVERFLOW CONNECTION
C-8	6"	SA-106B 150# RFSO	180°	14"	PIPE LINE CONNECTION
C-9	24" X 36"	CLEAN OUT	0°	FLUSH	STANDARD API MANWAY WITH COVER
C-10	4"	API HALF COUPLING	20" FROM MW CENTER	5"	DRAIN CONNECTION
C-13	4"	API HALFCOUPLING	22.5°	9"	ANODE CONNECTION