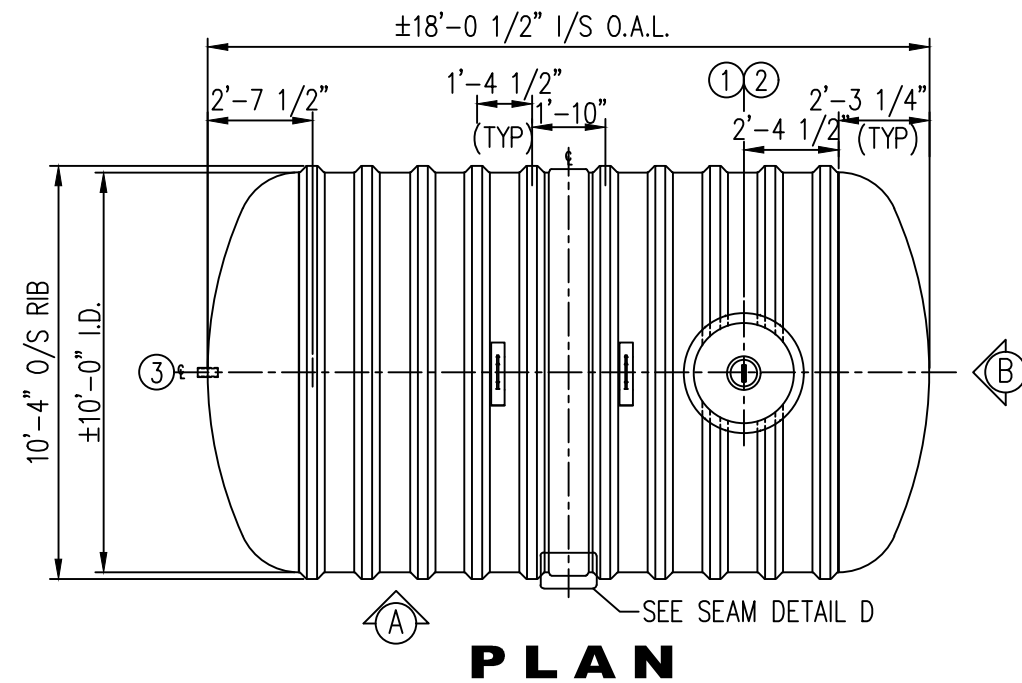
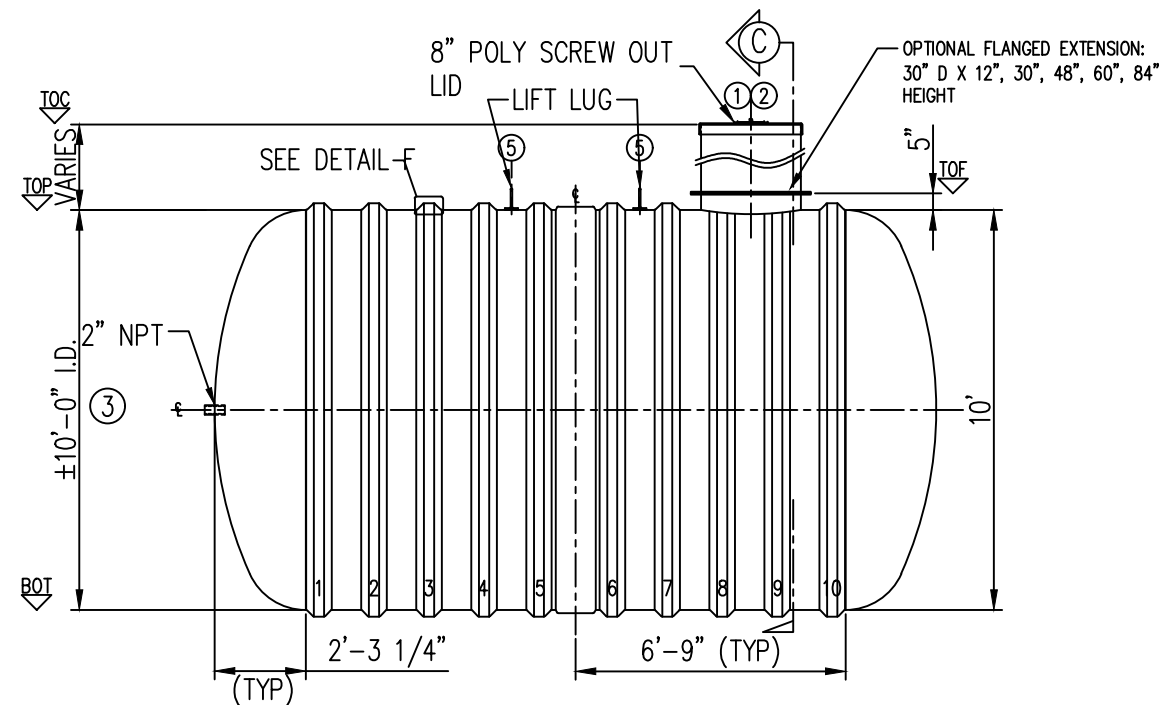




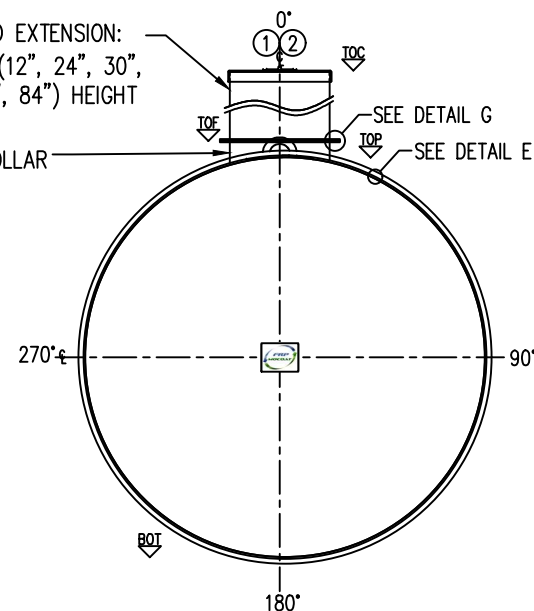
PLAN



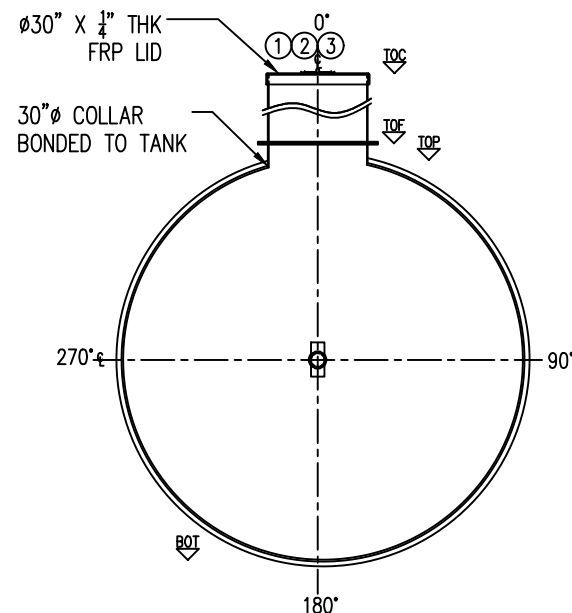
ELEVATION A

OPTIONAL FLANGED EXTENSION:
30" ϕ X $\frac{1}{4}"$ THK X (12", 24", 30",
36", 48", 60", 72", 84") HEIGHT

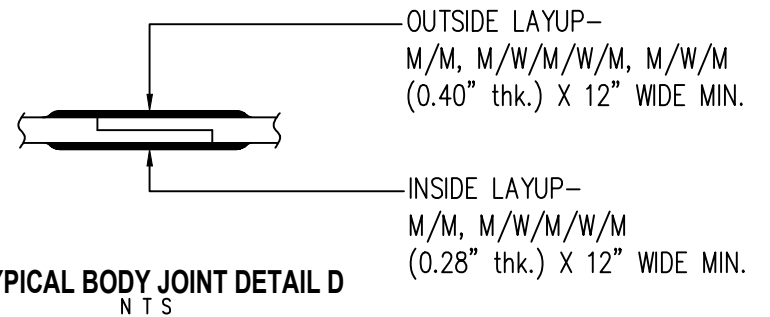
$\phi 30" \text{ X } \frac{1}{4}"$ THK COLLAR



ELEVATION B



SECTION C



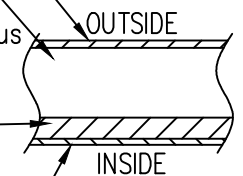
TYPICAL BODY JOINT DETAIL D
N T S

EXTERIOR SURFACE LAYER
(0.13mm to 0.30mm Thick)

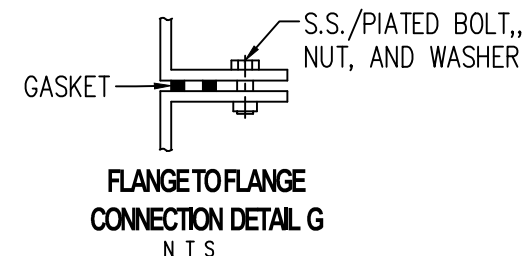
STRUCTURAL LAYER
(Remainder of thickness in table minus
sum of Chem, Anti-Wick, Ext Layers)

ANTI-WICKING BARRIER
(along w/chemical resistant
layer - total 2.5mm Thick)

INTERIOR CHEMICAL-RESISTANT
LAYER (0.25mm Thick)



LAMINATE DETAIL E
N T S



**FLANGETO FLANGE
CONNECTION DETAIL G**
N T S

STRUCTURAL RIB
0.37" THK

FRP TANK
SINGLE WALL

RIB LAMINATE DETAIL F
N T S

LEGEND:
TOC - TOP OF CAP LID
TOF - TOP OF FLANGE
TOP - TOP CYLINDER
BOT - BOTTOM CYLINDER
I/S - INSIDE
LL - LIQUID LEVEL
O.A.H.-OVERALL HEIGHT
O.A.L.-OVERALL LENGTH
I/S - INSIDE
O/S - OUTSIDE
 ϕ - DIAMETER
° - DEGREE/S
TYP- TYPICAL
CL - CENTER LINE
NTS - NOT TO SCALE

GENERAL NOTES	
- CSA ANSI/NSF 61 CERTIFIED FRP POTABLE WATER TANK. - RATED FOR 10' OF BURIAL DEPTH AND NO TRAFFIC LOADING. - ALL DRILLED HOLES FLANGES TO BE COATED WITH RESIN.. - DIMENSIONS SHOWN IN FEET INCHES FORMAT OTHERWISE NOTED. - 1/2" FABRICATION TOLERANCE. DOES NOT APPLY TO LAMINATE THICKNESS.	

ITEM#	QTY	PART LIST	DESCRIPTION
1	1	30"CAP LID W/ 8"D POLY SCREW OUT INSERT, VENTED	FRP LID
2	1	30" MANWAY COLLAR	30" ϕ FRP MANWAY
3	1	2" FRP NPT CONNECTION	OUTLET
4	2	CARBON STEEL LIFT LUG	LIFT LUG
5			
6			
7			

SHELL THICKNESS:	0.425"	DRAWN:	EA/ATF
HEMI HEAD THICKNESS:	1.030"	CHECKED:	MPS
RIBS THICKNESS:	0.300" +2 WR (0.066")= .366"	DATE:	AUG. 15, 2025
RIB SPACING:	16 1/2" CL TO CL	DESIGNED:	FRP
WEIGHT:	1,955 KG (4,300 LBS)	APPROVED:	MPS
LENGTH:	5,499MM (18'-0 1/2")	MFG.:	DS
WORKING CAPACITY:	N/A	QA:	GA
OVERALL CAPACITY:	36,510 L (8,031 IG/9,637 USG)	SALES:	TA



CLIENT: FRP/MOCOAT FIBERGLASS LTD.	
TITLE: BX8000W- DB FRP POTABLE WATER TANK	
FRPMOCOAT FIBERGLASS LTD.	
SIZE: B	DRAWING NUMBER: BX8000W- DB
SCALE: .	WEIGHT: 1,955 KG (4,300 LBS)
BURIAL DEPTH:	RATED 10'- 0"
REVISION: 0	SHEET: 1/1