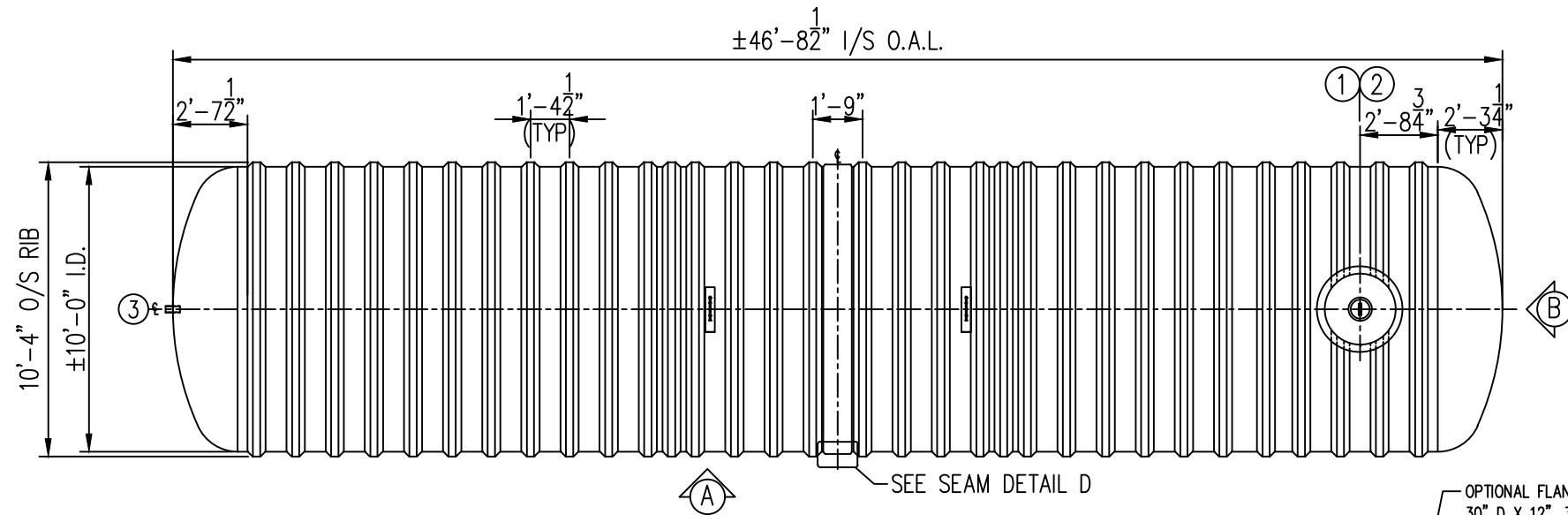
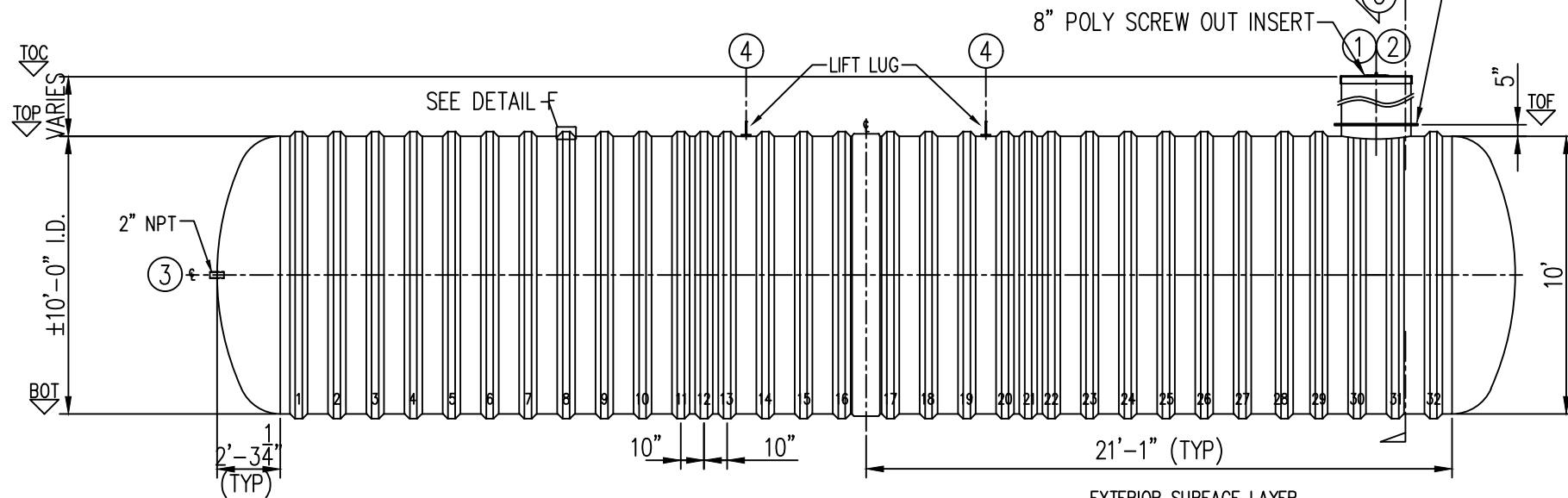




PLAN



ELEVATION A

STRUCTURAL RIB
0.37" THK

FRP TANK SINGLE WALL

RIB LAMINATE DETAIL F
N T S

FLANGE TO FLANGE CONNECTION
DETAIL G
N T S

S.S./Plated Bolt,
Nut, and Washer

Gasket

EXTERIOR SURFACE LAYER
(0.13mm to 0.30mm Thick)

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

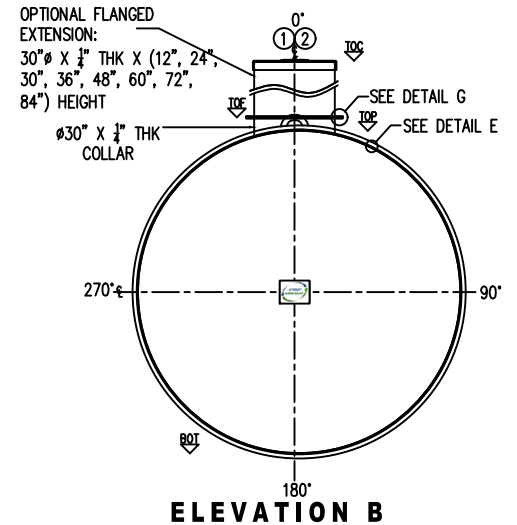
ANTI-WICKING BARRIER
(along w/chemical resistant
layer - total 2.5mm Thick)

INTERIOR CHEMICAL-RESISTANT
LAYER (0.25mm Thick)

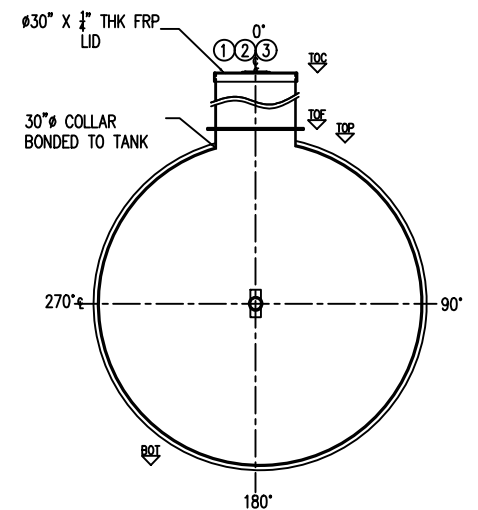
OUTSIDE

INSIDE

LAMINATE DETAIL E
N T S



ELEVATION B



SECTION C

OUTSIDE LAYUP-
M/M, M/W/M/W/M, M/W/M
(0.40" thk.) X 12" WIDE MIN.

INSIDE LAYUP-
M/M, M/W/M/W/M
(0.28" thk.) X 12" WIDE MIN.

TYPICAL BODY JOINT DETAIL D
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
Ø - 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	FPR LID
2	1	30" MANWAY COLLAR	30"Ø FRP MANWAY
3	1	2" FRP NPT CONNECTION	OUTLET
4	2	CARBON STEEL LIFT LUG	LIFT LUG
5			
6			
7			

SHELL THICKNESS:	0.450"	DRAWN:	EA/ATF
HEMI HEAD THICKNESS:	1.030"	CHECKED:	MPS
RIBS THICKNESS:	0.300"+2 WR (0.066")= .366"	DATE:	AUG. 19,2025
RIB SPACING:	16 1/2" CL TO CL	DESIGNED:	FRP
WEIGHT:	4,242 KG (9,350 LBS)	APPROVED:	MPS
LENGTH:	14,236MM (46'-8 1/2")	MFG.:	DS
WORKING CAPACITY:	N/A	QA:	GA
OVERALL CAPACITY:	100,300 L (22,063IG/26,476 USG)	SALES:	TA



CLIENT:	FRP/MOCOAT FIBERGLASS LTD.		
TITLE:	BX22000W- DB FRP POTABLE WATER TANK		
	FRPMOCOAT FIBERGLASS LTD.		
SIZE:	DRAWING NUMBER:	REVISION:	
B	BX22000W- DB	0	
SCALE:	WEIGHT:	4,242 KG (9,350 LBS)	SHEET:
	BURIAL DEPTH:	RATED 10'- 0"	1/1