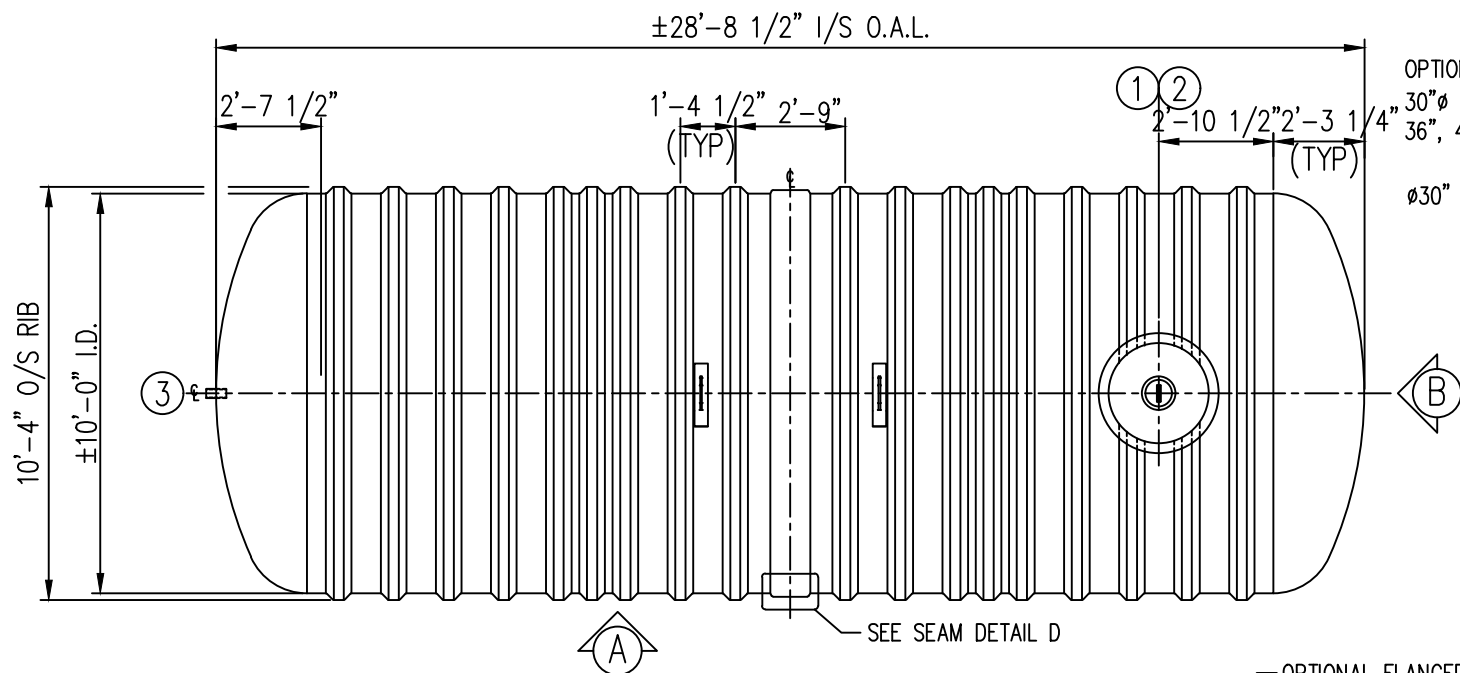
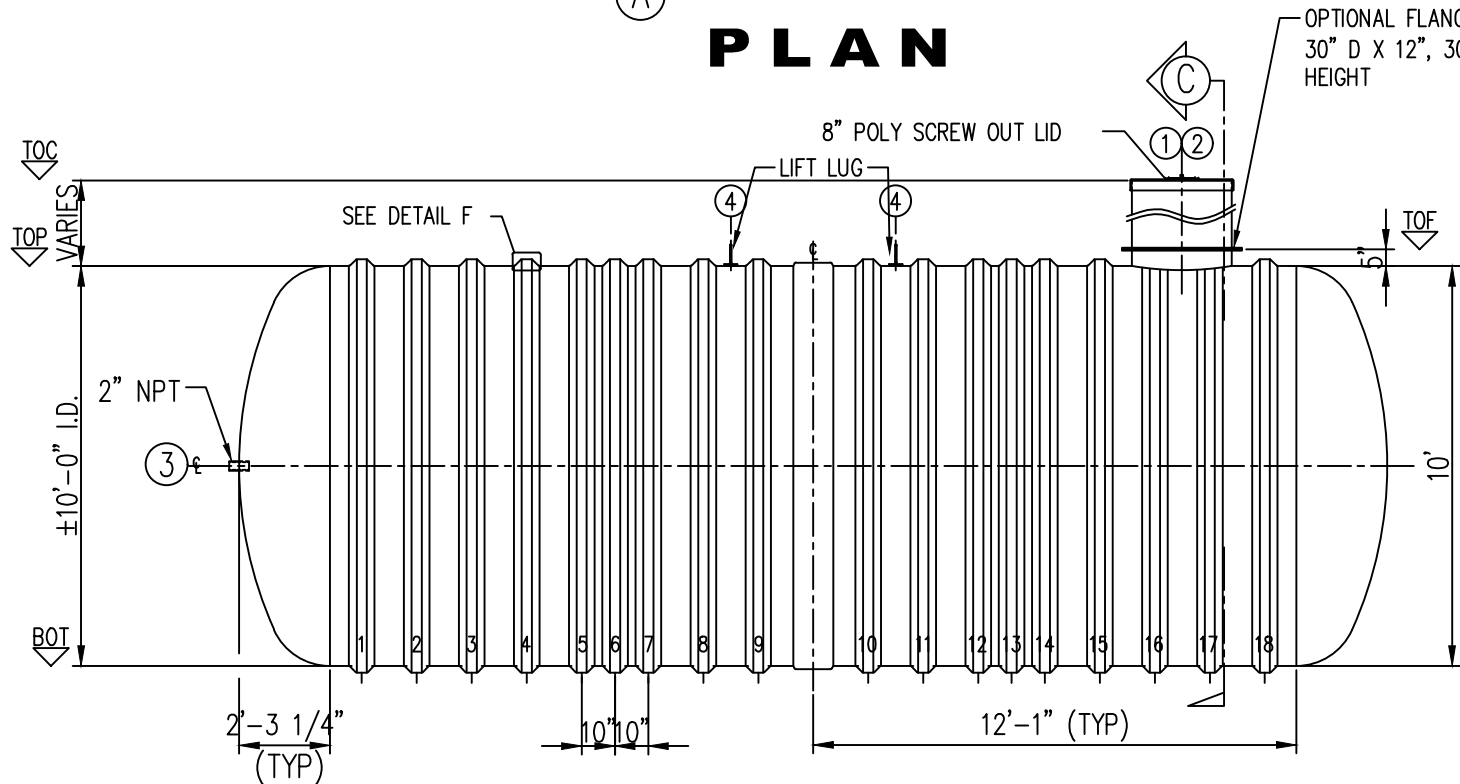




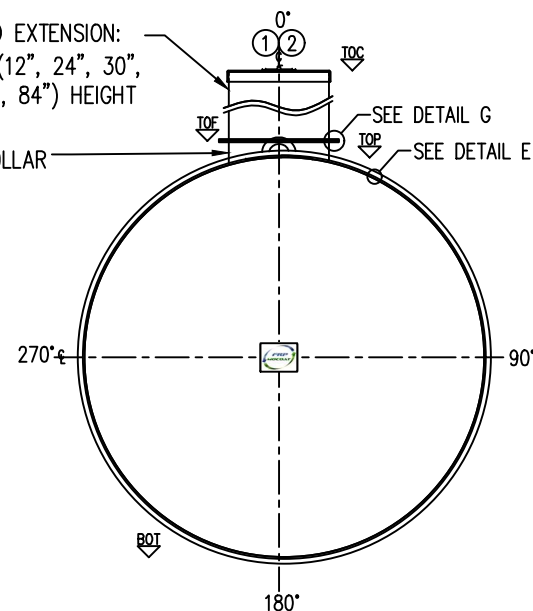
**PLAN**



**ELEVATION A**

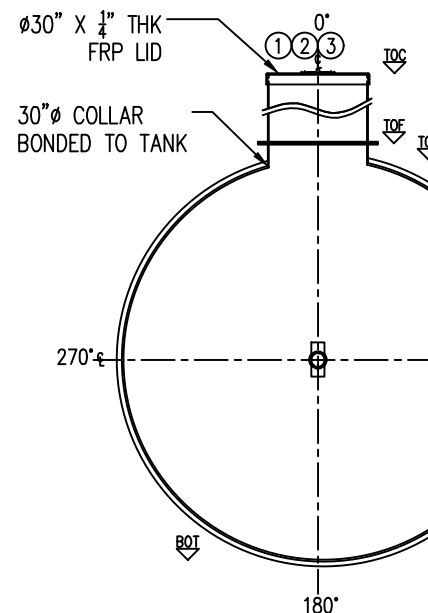
OPTIONAL FLANGED EXTENSION:  
30"Ø X 1/4" THK X (12", 24", 30",  
36", 48", 60", 72", 84") HEIGHT

Ø30" X 1/4" THK COLLAR



**ELEVATION B**

OPTIONAL FLANGED EXTENSION:  
30" D X 12", 30", 48", 60", 84"  
HEIGHT



**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

EXTERIOR SURFACE LAYER  
(0.13mm to 0.30mm Thick)

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

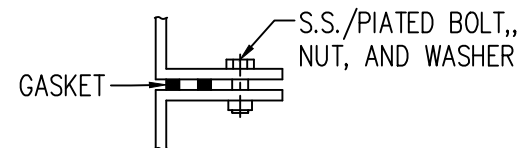
ANTI-WICKING BARRIER  
(along w/chemical resistant  
layer – total 2.5mm Thick)

INTERIOR CHEMICAL-RESISTANT  
LAYER (0.25mm Thick)

OUTSIDE

INSIDE

**LAMINATE DETAIL E**  
N T S



**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  
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 | FRP 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:     | 0.425"                         |
| HEMI HEAD THICKNESS: | 1.030"                         |
| RIBS THICKNESS:      | 0.300"+2 WR (0.066")=366"      |
| RIB SPACING:         | 16 1/2" CL TO CL               |
| WEIGHT:              | 2,731 KG (6,009 LBS)           |
| LENGTH:              | 8,750MM (28'-8 1/2")           |
| WORKING CAPACITY:    | N/A                            |
| OVERALL CAPACITY:    | 60,050 L (13,209IG/15,850 USG) |

|           |               |
|-----------|---------------|
| DRAWN:    | EA/ATF        |
| CHECKED:  | MPS           |
| DATE:     | AUG. 18, 2025 |
| DESIGNED: | FRP           |
| APPROVED: | MPS           |
| MFG.:     | DS            |
| QA:       | GA            |
| SALES:    | TA            |



|         |                                            |                      |        |
|---------|--------------------------------------------|----------------------|--------|
| CLIENT: | FRP/MOCOAT FIBERGLASS LTD.                 |                      |        |
| TITLE:  | <b>BX13000W- DB FRP POTABLE WATER TANK</b> |                      |        |
|         | <b>FRPMOCOAT</b><br>FIBERGLASS LTD.        |                      |        |
| SIZE:   | DRAWING NUMBER:                            | REVISION:            |        |
| B       | BX13000W- DB                               | 0                    |        |
| SCALE:  | WEIGHT:                                    | 2,731 KG (6,009 LBS) | SHEET: |
|         | BURIAL DEPTH:                              | RATED 10'- 0"        | 1/1    |