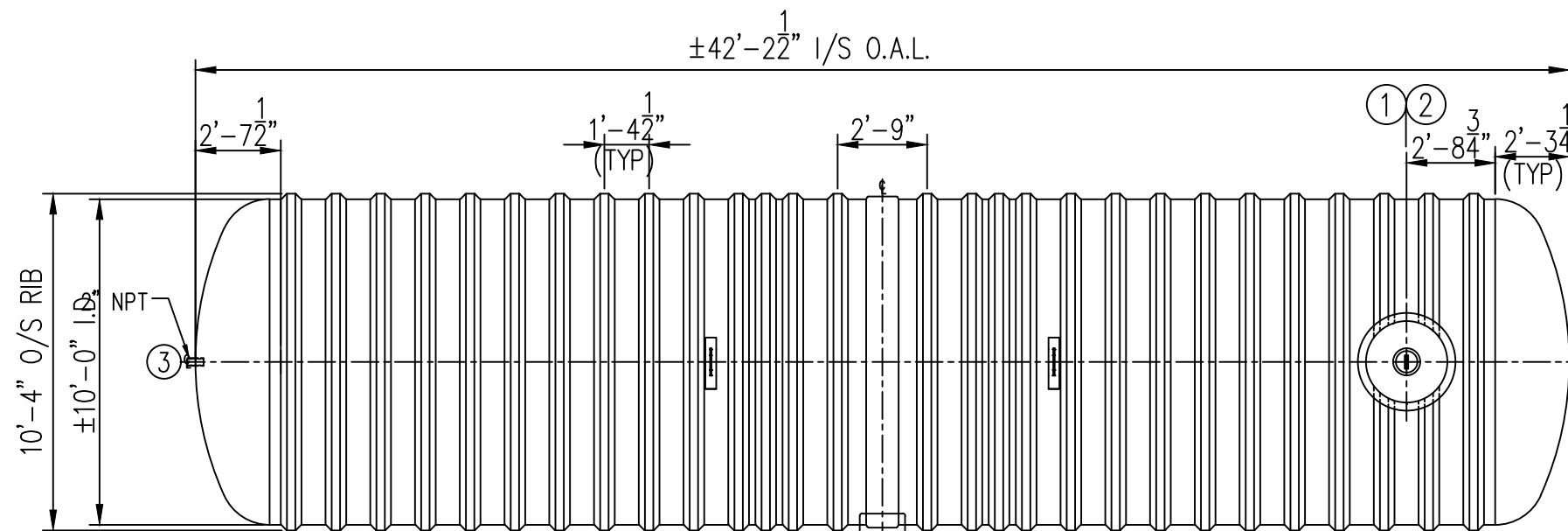
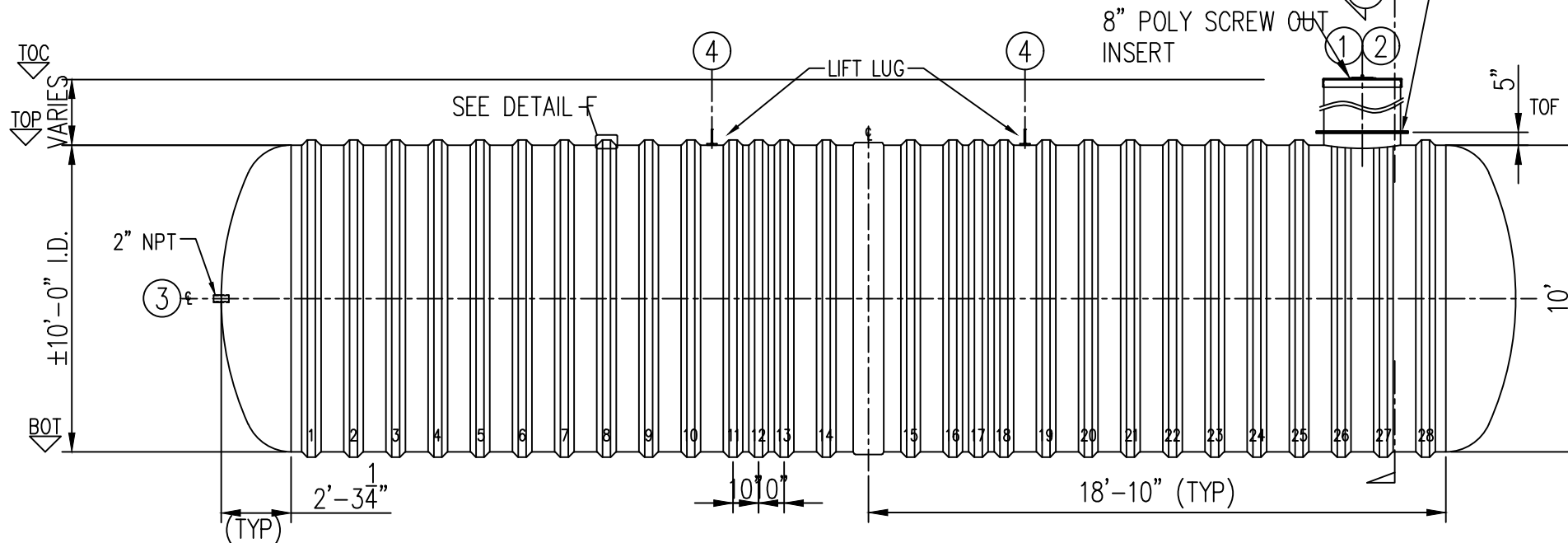
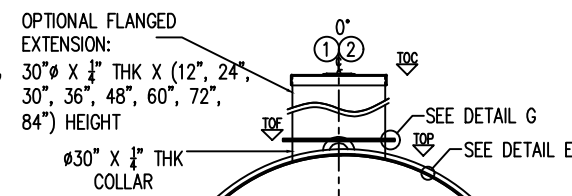




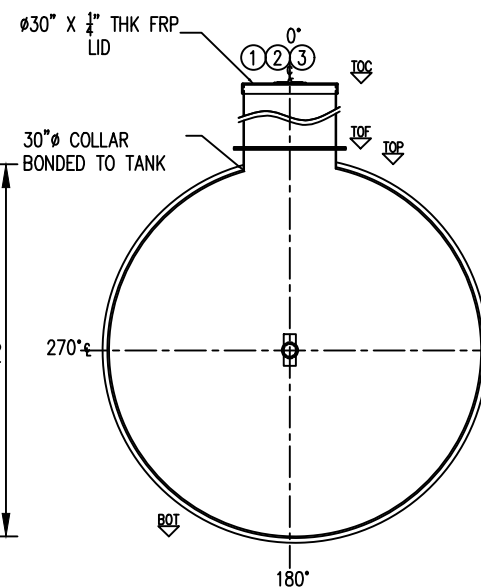
PLAN



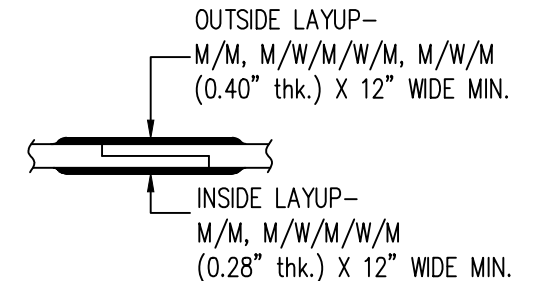
ELEVATION A



ELEVATION B



SECTION C



TYPICAL BODY JOINT DETAIL D  
N T S

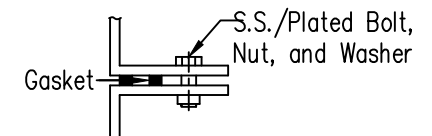
EXTERIOR SURFACE LAYER  
(0.13mm to 0.30mm Thick)

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

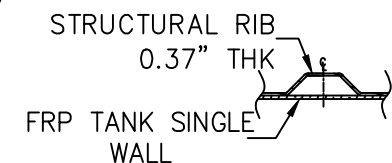
ANTI-WICKING BARRIER  
(along w/chemical resistant  
layer - total 2.5mm Thick)

INTERIOR  
CHEMICAL-RESISTANT  
LAYER (0.25mm  
Thick)

LAMINATE DETAIL E  
N T S



FLANGE TO FLANGE  
CONNECTION DETAIL G  
N T S



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 | 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:              | 3,788 KG (8,350 LBS)           | APPROVED: | MPS          |
| LENGTH:              | 12,865MM (42'-2 1/2")          | MFG.:     | DS           |
| WORKING CAPACITY:    | N/A                            | QA:       | GA           |
| OVERALL CAPACITY:    | 90,810 L (19,975IG/23,970 USG) | SALES:    | TA           |



|         |                                     |                      |        |
|---------|-------------------------------------|----------------------|--------|
| CLIENT: | FRP/MOCOAT FIBERGLASS LTD.          |                      |        |
| TITLE:  | BX20000W- DB FRP POTABLE WATER TANK |                      |        |
|         | FRPMOCOAT FIBERGLASS LTD.           |                      |        |
| SIZE:   | DRAWING NUMBER:                     | REVISION:            |        |
| B       | BX20000W- DB                        | 0                    |        |
| SCALE:  | WEIGHT:                             | 3,788 KG (8,350 LBS) | SHEET: |
|         | BURIAL DEPTH:                       | RATED 10'- 0"        | 1/1    |