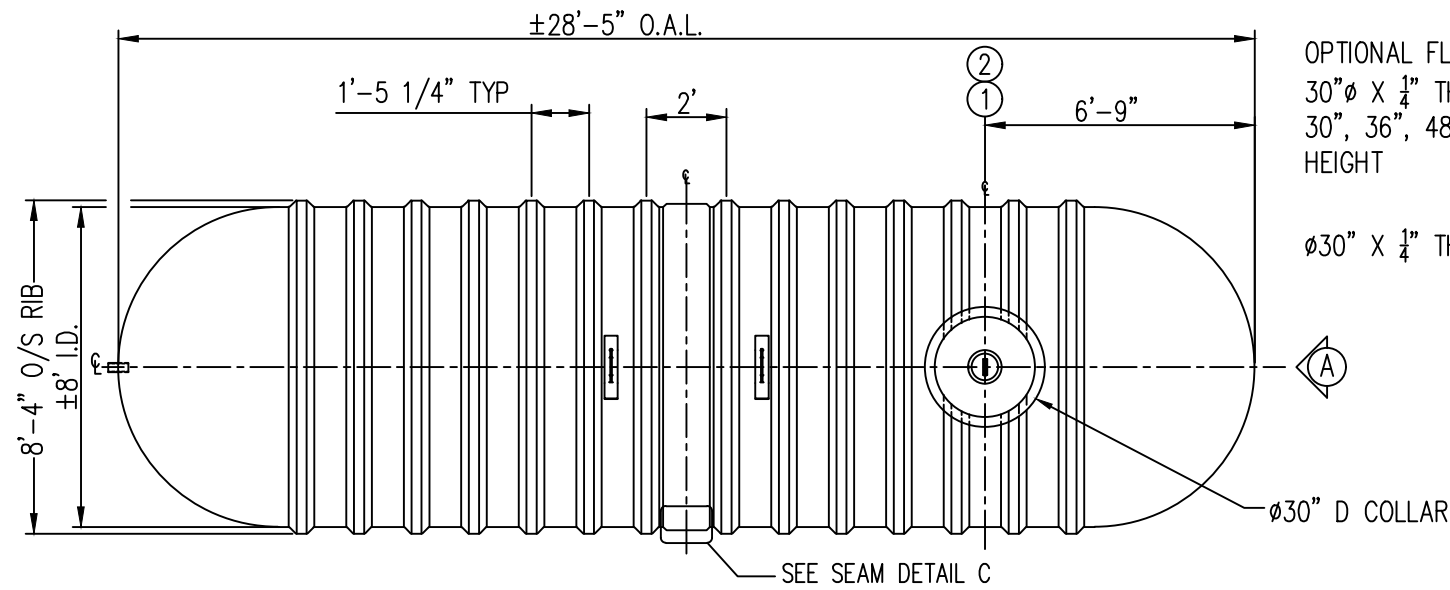
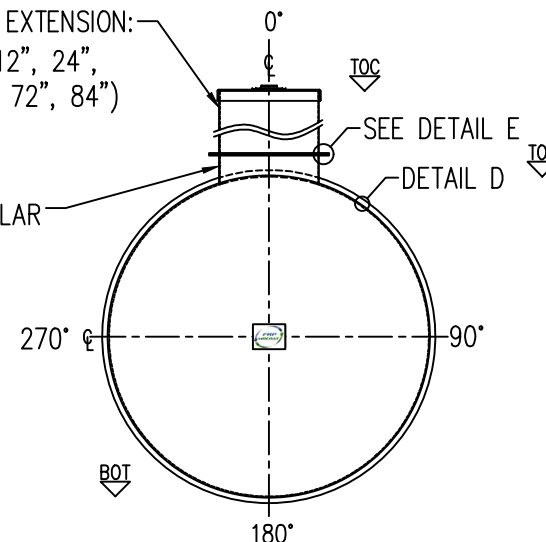




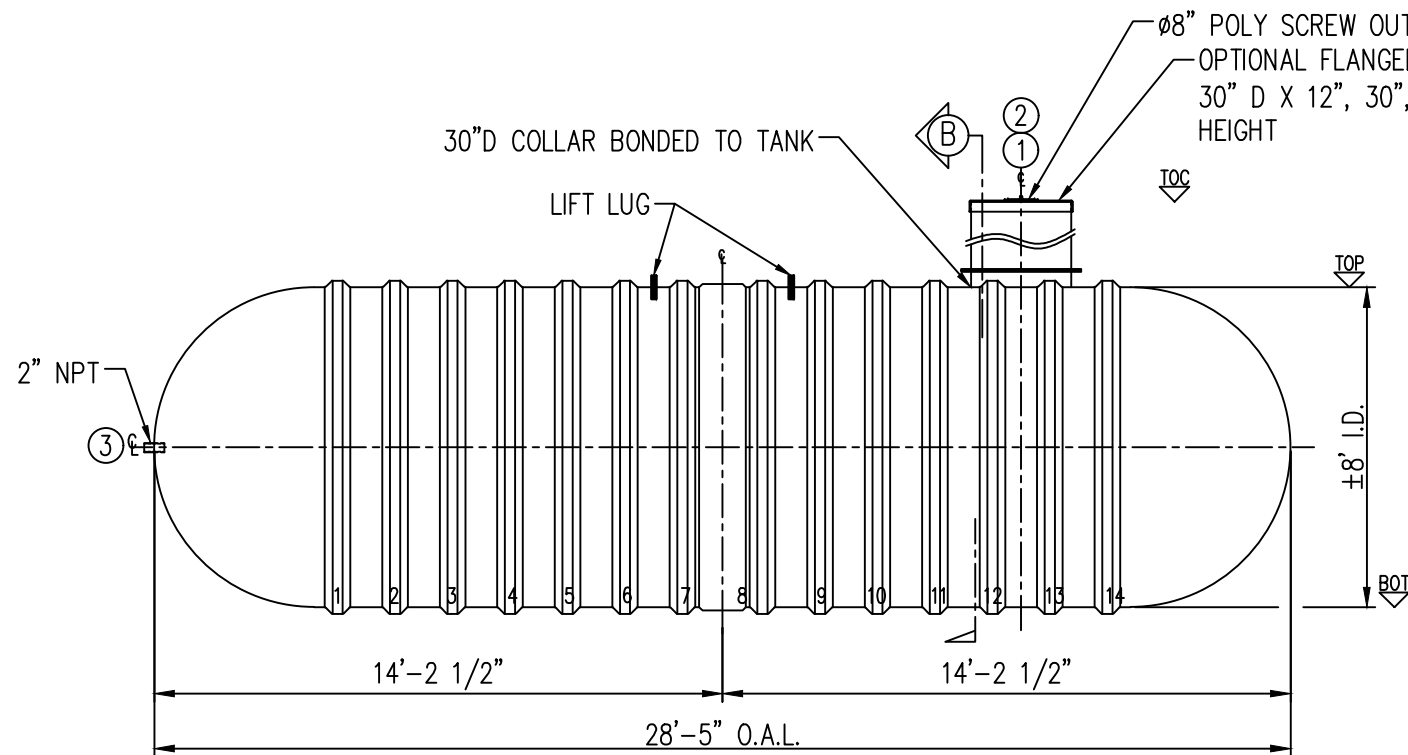
**PLAN**

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

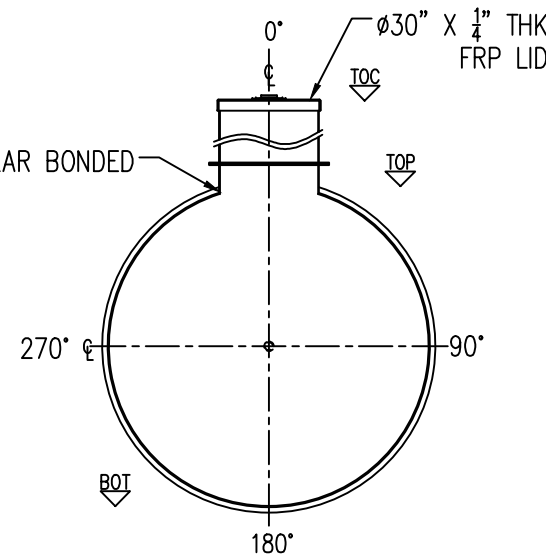


**ELEVATION A**

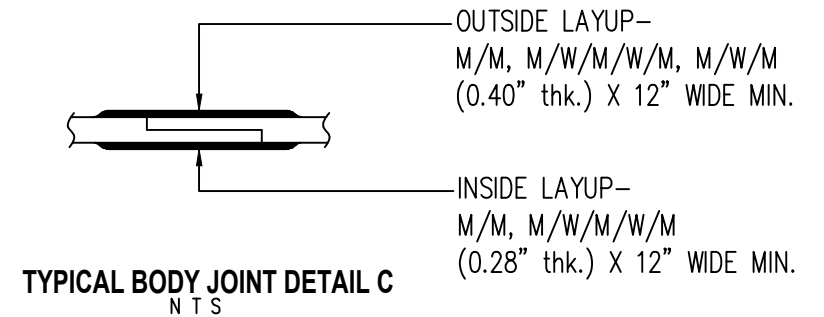


**ELEVATION**

30"Ø COLLAR BONDED  
TO TANK



**SECTION B**



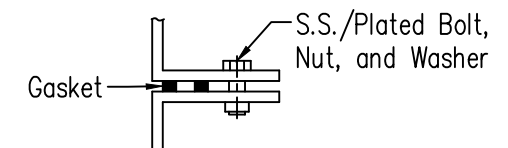
EXTERIOR SURFACE LAYER  
(0.13mm to 0.30mm Thick)

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 D**  
N T S



STRUCTURAL RIB  
1/4" 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 7' 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:     | 0.375"                        | DRAWN:    | EA/CCL/ATF    |
| HEMI HEAD THICKNESS: | 0.475"                        | CHECKED:  | MPS           |
| RIBS THICKNESS:      | 0.25" WITH 1 WR               | DATE:     | AUG. 14, 2025 |
| RIB SPACING:         | 17 1/4" CL TO CL              | DESIGNED: | FRP           |
| WEIGHT:              | 1,406 KG (3,100 LBS)          | APPROVED: | MPS           |
| LENGTH:              | 8,661MM (28'-5")              | MFG.:     | DS            |
| WORKING CAPACITY:    | N/A                           | QA:       | GA            |
| OVERALL CAPACITY:    | 36,642 L (8,060 IG/9,672 USG) | SALES:    | TA            |



|                                             |                              |              |  |
|---------------------------------------------|------------------------------|--------------|--|
| CLIENT: FRP/MOCOAT FIBERGLASS LTD.          |                              |              |  |
| TITLE: <b>B8000W FRP POTABLE WATER TANK</b> |                              |              |  |
| <b>FRPMOCOAT</b><br>FIBERGLASS LTD.         |                              |              |  |
| SIZE: B                                     | DRAWING NUMBER: B8000W       | REVISION: 0  |  |
| SCALE:                                      | WEIGHT: 1,406 KG (3,100 LBS) | SHEET: 1/1   |  |
|                                             | BURIAL DEPTH:                | RATED 7'- 0" |  |