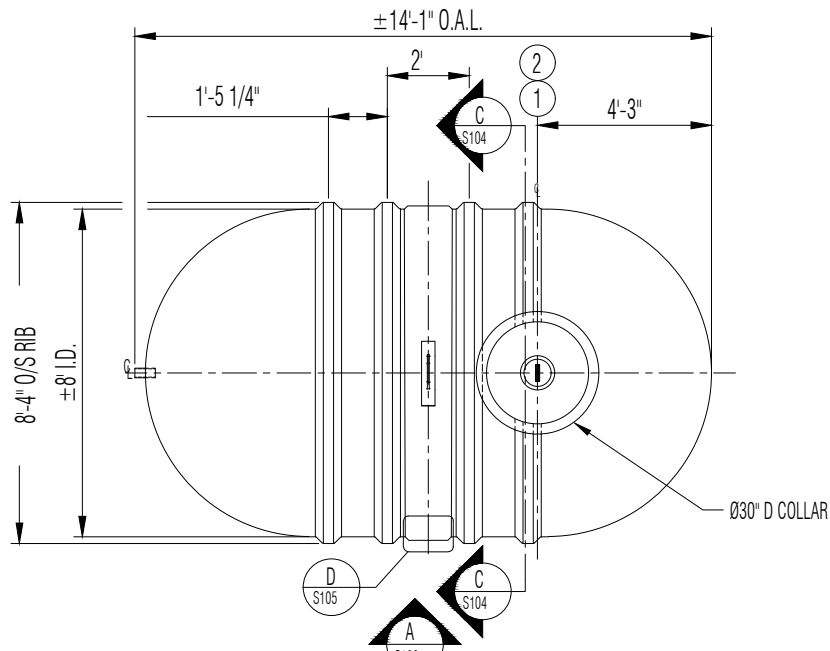
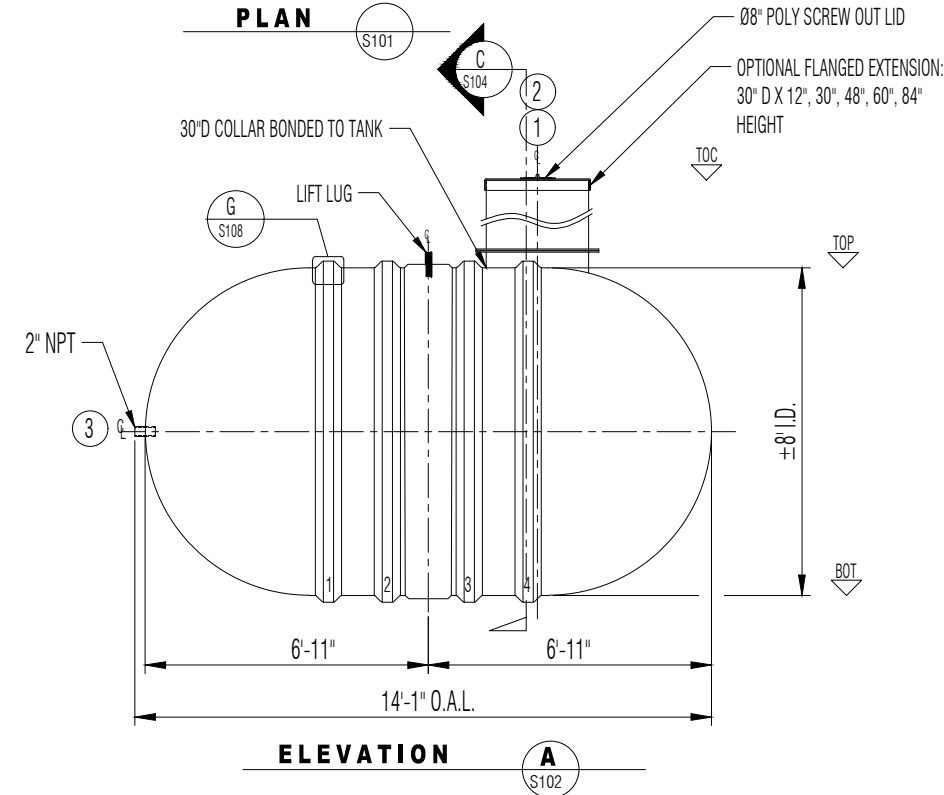




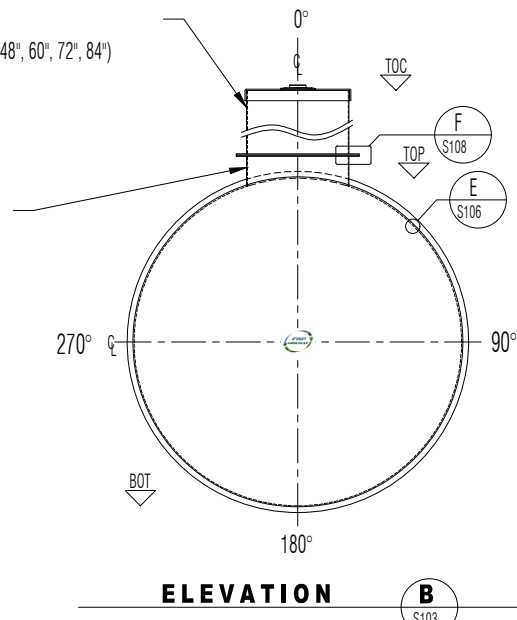
PLAN



ELEVATION

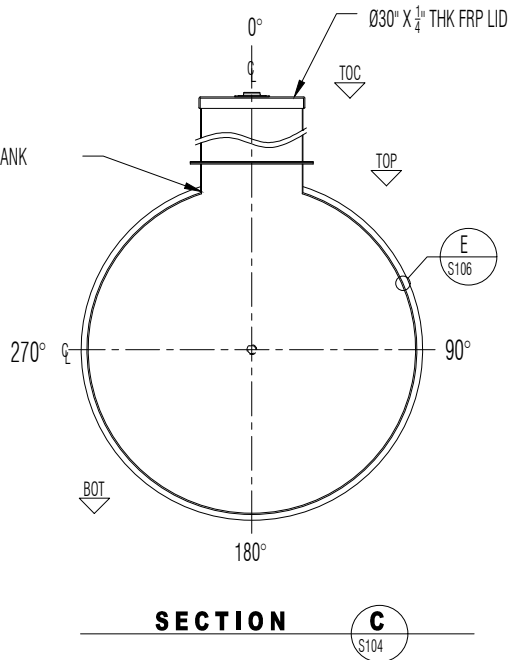
OPTIONAL FLANGED EXTENSION:
30"Ø X 1/4" THK X (12", 24", 30", 36", 48", 60", 72", 84")
HEIGHT

Ø30" X 1/4" THK COLLAR



ELEVATION

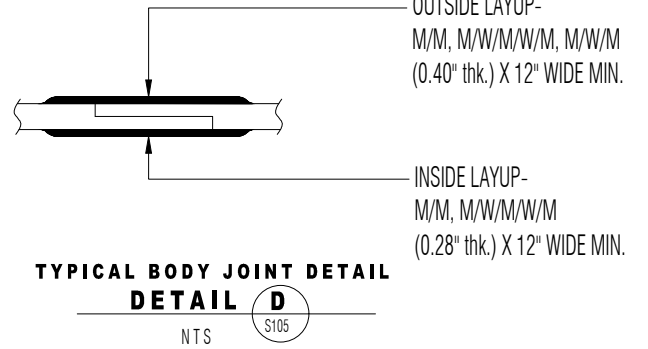
30"Ø COLLAR BONDED TO TANK



SECTION

STRUCTURAL RIB 1/4" THK

FRP TANK SINGLE WALL



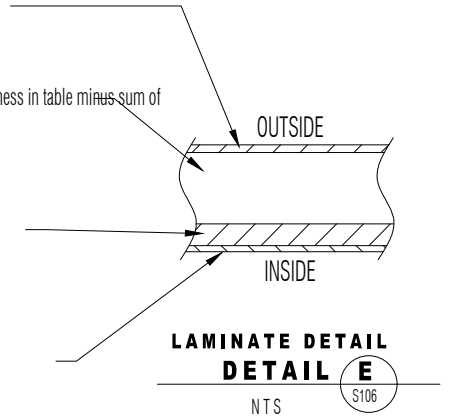
TYPICAL BODY JOINT DETAIL
DETAIL D

EXTERIOR SURFACE LAYER
(0.13mm to 0.30mm Thick)

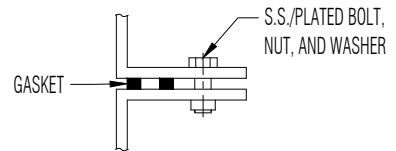
STRUCTURAL LAYER (Remainder of thickness in table minus sum of
Chem, Anti-Wick, Ext Layers)

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

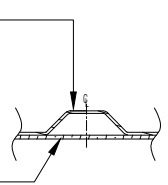
INTERIOR CHEMICAL-RESISTANT
LAYER (0.25mm Thick)



LAMINATE DETAIL
DETAIL E



FLANGE TO FLANGE CONNECTION
DETAIL F



RIB LAMINATE DETAIL
DETAIL G

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	1	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:	JUL. 24, 2026
RIB SPACING:	17 1/4" CL TO CL	DESIGNED:	FRP
WEIGHT:	703KG (1,550LBS)	APPROVED:	MPS
LENGTH:	4,291MM (10'-0")	MFG.:	TS
WORKING CAPACITY:	N/A	QA:	BR
OVERALL CAPACITY:	15,911 L (3,500 IG/4,200 USG)	SALES:	DG



CLIENT:	FRP/MOCOAT FIBERGLASS LTD.		
TITLE:	B3500W FRP POTABLE WATER TANK		
	FRPMOCOAT FIBERGLASS LTD.		
SIZE:	DRAWING NUMBER:		REVISION:
B	B3500W		0
SCALE:	WEIGHT:	703KG (1,550LBS)	SHEET:
	BURIAL DEPTH:	RATED 7'- 0"	1/1



B3500W FRP POTABLE WATER TANK

