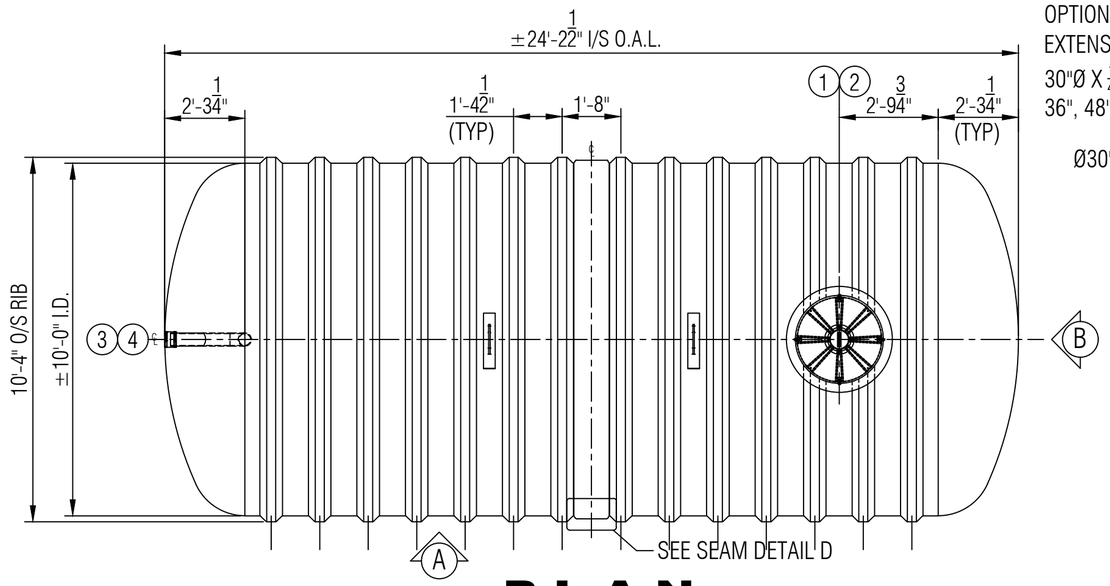
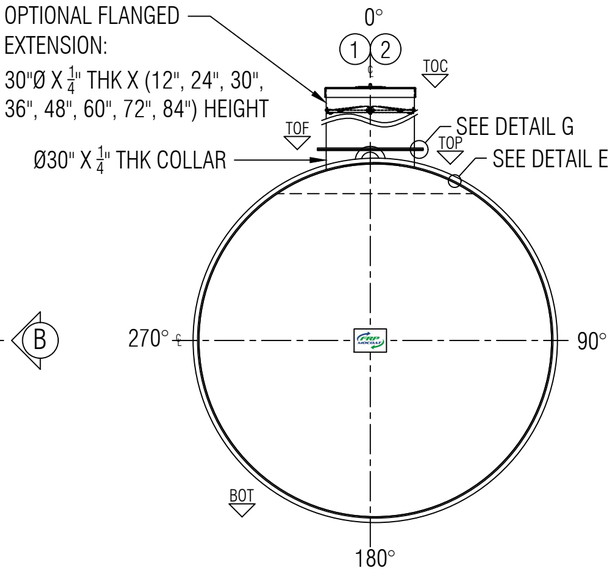
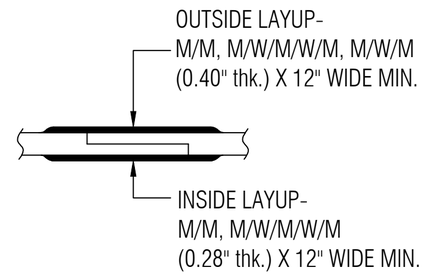


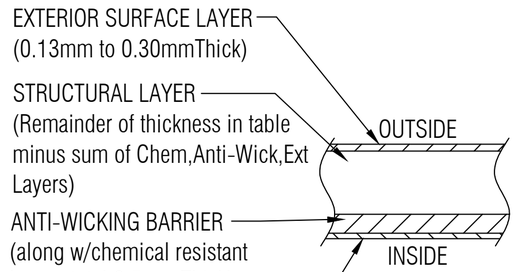
PLAN



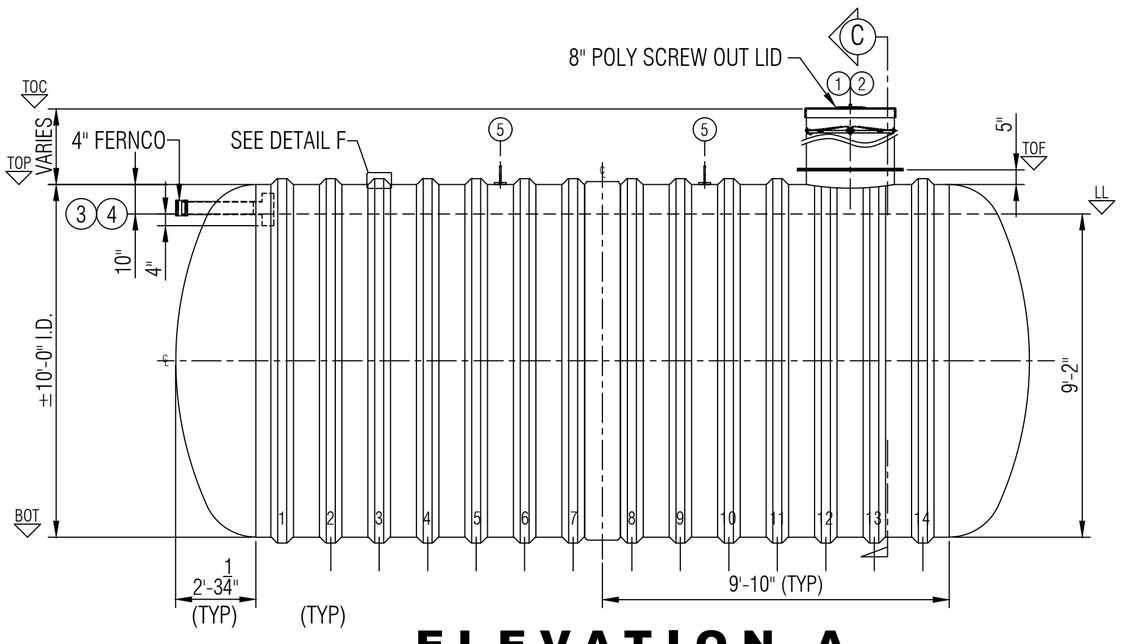
ELEVATION B



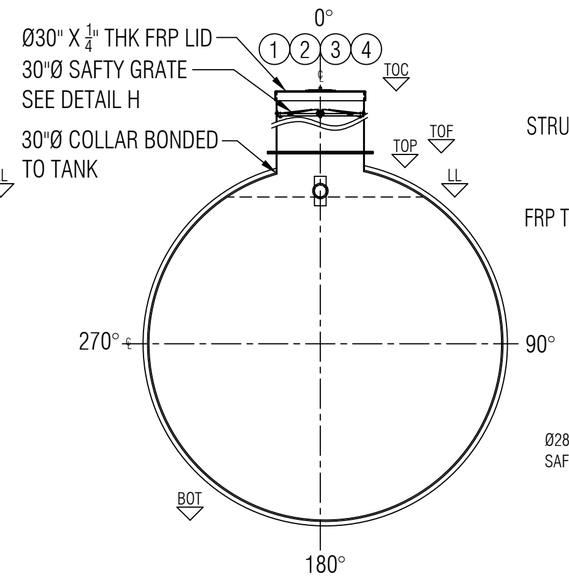
TYPICAL BODY JOINT DETAIL D
NTS



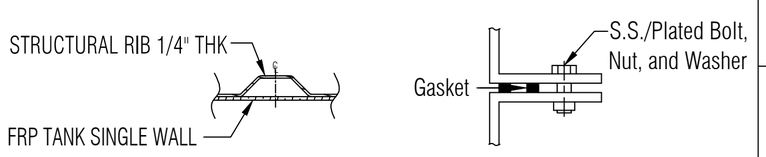
LAMINATE DETAIL E
NTS



ELEVATION A

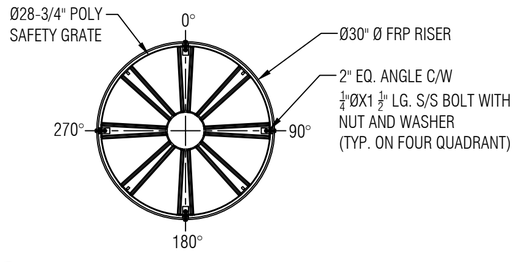


SECTION C



RIB LAMINATE DETAIL F
NTS

FLANGE TO FLANGE CONNECTION DETAIL G
NTS



6 SAFETY GRATE DETAIL H
SCALE: 1:20

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
℄ - CENTER LINE
NTS - NOT TO SCALE

GENERAL NOTES:
- CSA B66 CERTIFIED FRP TANK FOR SEWAGE HOLDING TANK.
- RATED FOR 7' OF BURIAL DEPTH AND NO TRAFFIC LOADING.
- ALL DRILLED HOLES FLANGES TO BE COATED WITH RESIN.
- SAFETY GRATE CAN WITHSTAND 91 KG. OF DEAD LOAD.
- DIMENSIONS SHOWN IN FEET INCHES FORMAT OTHERWISE NOTED.
- 1/2" FABRICATION TOLERANCE. DOES NOT APPLY TO LAMINATE THICKNESS.

ITEM#	QTY	PART LIST	DESCRIPTION	SHELL THICKNESS:	0.400"	DRAWN:	ATF
1	1	30" CAP LID W/ 8"D POLY SCREW OUT INSERT	FPR LID	DISH HEAD THICKNESS:	0.940"	CHECKED:	ATF/MPS
2	1	30"Ø MANWAY COLLAR	30"Ø FRP COLLAR	RIBS THICKNESS:	0.25"	DATE:	JAN 10, 2025
3	1	4" FERNCO	FLEXIBLE CONNECTOR	RIB SPACING:	16-1/2" (CL to CL)	DESIGNED:	FRP
4	1	4"Ø PVC PIPE & TEEWYE	INLET	LENGTH:	7,378MM (24'-2 1 2")	APPROVED:	MPS
5	2	MILD STEEL	LIFT LUGS	WORKING CAPACITY:	48,370 L (10,640IG/12,768 USG)	MFG:	DS
6	1	POLYETHYLENE SAFETY GRATE C/W HARDWARE	SAFETY GRATE	OVERALL CAPACITY:	50,220 L (11,046 IG/13,255 USG)	PM:	GA
				NUMBER OF RIBS:	14	SALES:	TA

CLIENT: FRP/MOCOAT FIBERGLASS LTD.

TITLE: **BX11000S FIBERGLASS HOLDING TANK**

FRP MOCOAT FIBERGLASS LTD.

SIZE	DRAWING NUMBER:		REVISION
C	BX11000S		0
SCALE	WEIGHT:	2,155 KG (4,750 LBS)	SHEET
1:40	BURIAL DEPTH:	RATED 7'-0"	1/1