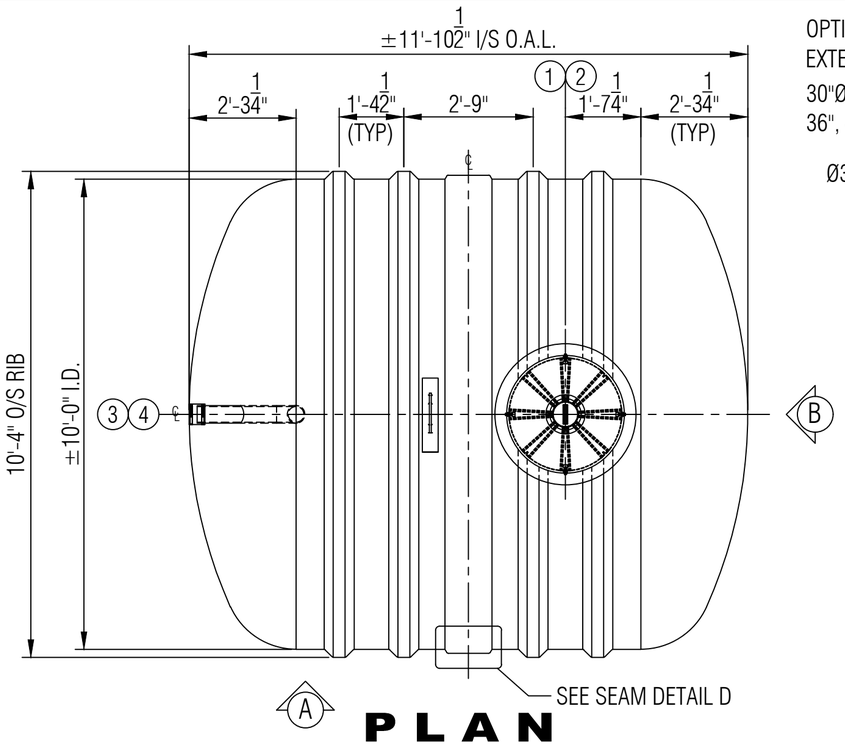
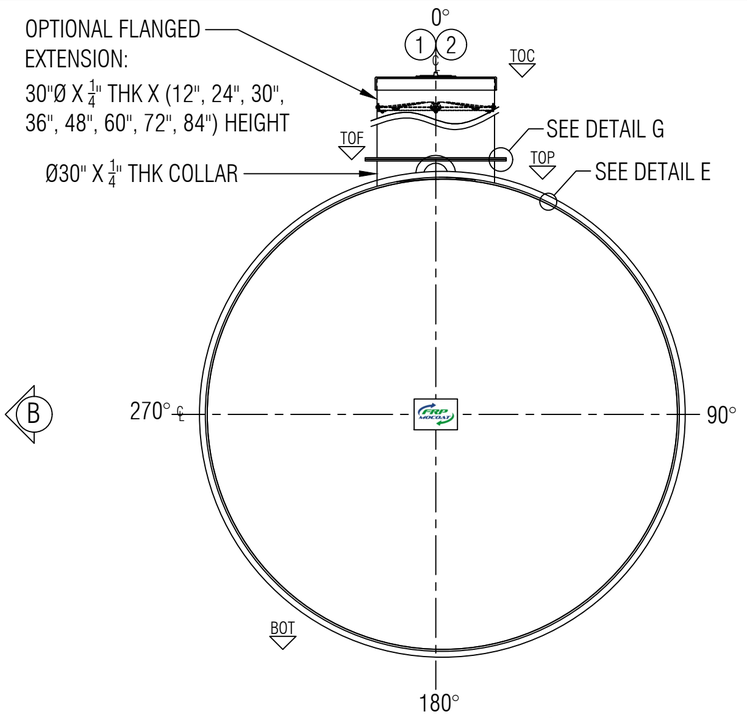
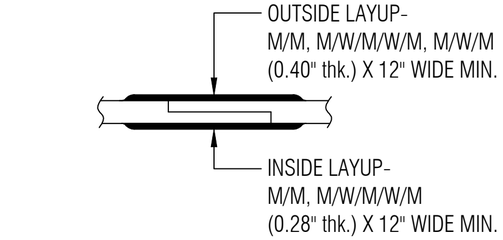


PLAN



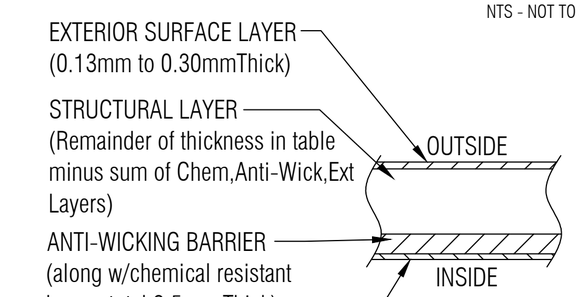
ELEVATION B



TYPICAL BODY JOINT DETAIL D

NTS

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

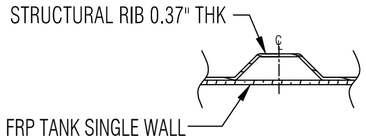


LAMINATE DETAIL E

NTS

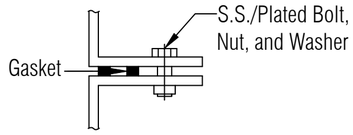
ELEVATION A

SECTION C



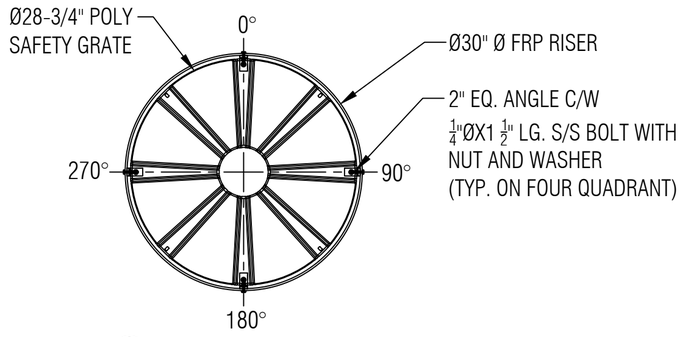
RIB LAMINATE DETAIL F

NTS



FLANGE TO FLANGE CONNECTION DETAIL G

NTS



⑥ SAFETY GRATE DETAIL H

SCALE: 1:15

GENERAL NOTES:
- CSA B66 CERTIFIED FRP TANK FOR SEWAGE HOLDING TANK.
- RATED FOR 10' 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
1	1	30" CAP LID W/ 8"D POLY SCREW OUT INSERT	FPR LID
2	1	30"Ø MANWAY COLLAR	30"Ø FRP COLLAR
3	1	4" FERNCO	FLEXIBLE CONNECTOR
4	1	4"Ø PVC PIPE & TEEWYE	INLET
5	1	MILD STEEL	LIFT LUG
6	1	POLYETHYLENE SAFETY GRATE C/W HARDWARE	SAFETY GRATE

SHELL THICKNESS:	0.425"	DRAWN:	ATF
DISH HEAD THICKNESS:	1.030"	CHECKED:	
RIBS THICKNESS:	0.300"+2 WR (0.066")=.366"	DATE:	JAN. 9, 2025
RIB SPACING:	16-1/2" (CL to CL)	DESIGNED:	
LENGTH:	3,619MM (11'-10 1/2")	APPROVED:	MPS
WORKING CAPACITY:	22,220L (4,888 IG/5,866 USG)	MFG:	DS
OVERALL CAPACITY:	22,980 L (5,055 IG/6,066 USG)	QA:	GA
NUMBER OF RIBS:	4	SALES:	TA

CLIENT: FRP/MOCOAT FIBERGLASS LTD.
TITLE: **BX5000S-DB FIBERGLASS HOLDING TANK**
FRP MOCOAT FIBERGLASS LTD.

SIZE	DRAWING NUMBER:		REVISION
C	BX5000S-DB		0
SCALE 1:30	WEIGHT:	1,429 KG (3,150 LBS)	SHEET 1/1
	BURIAL DEPTH:	RATED 10'-0"	