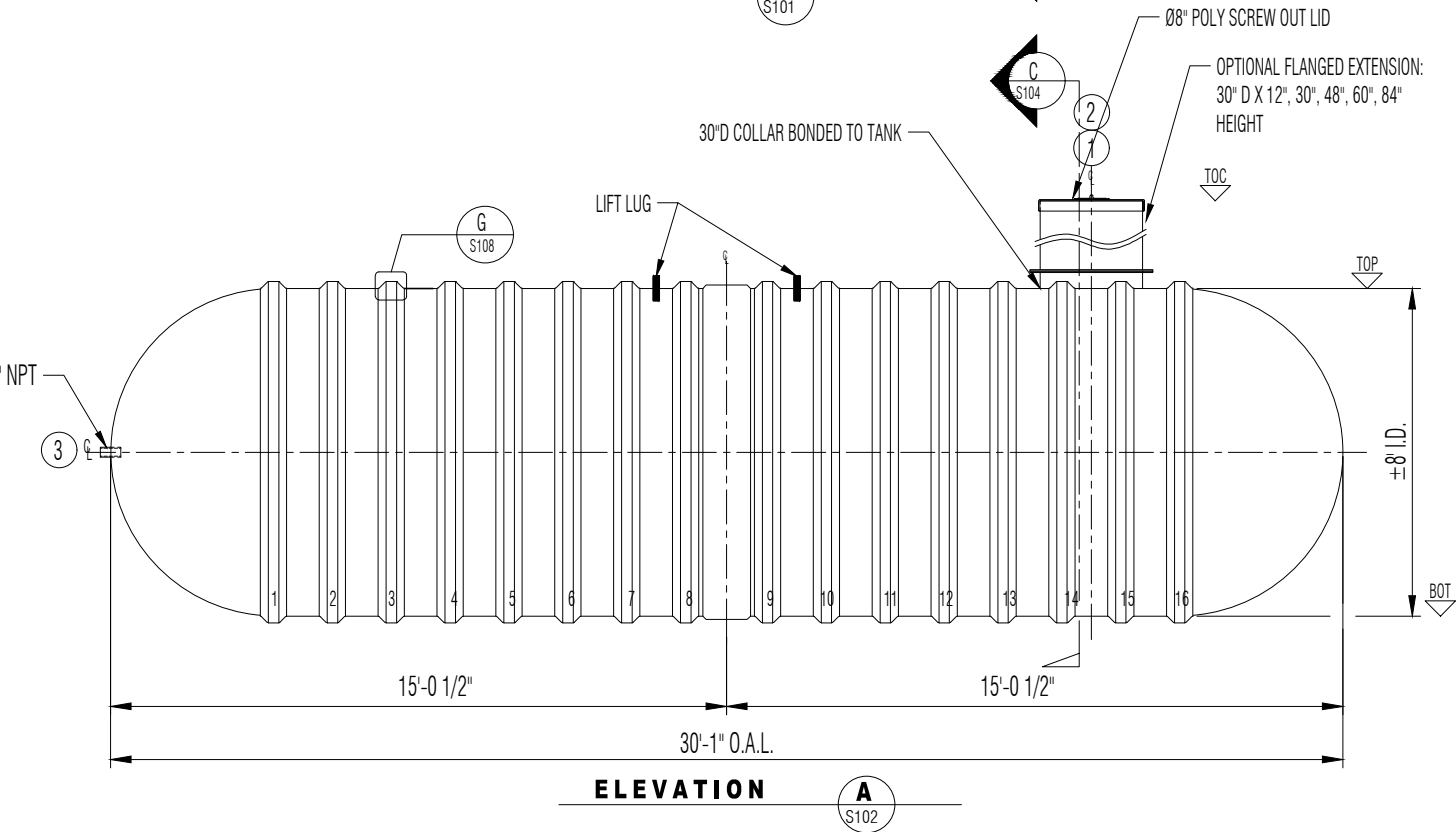
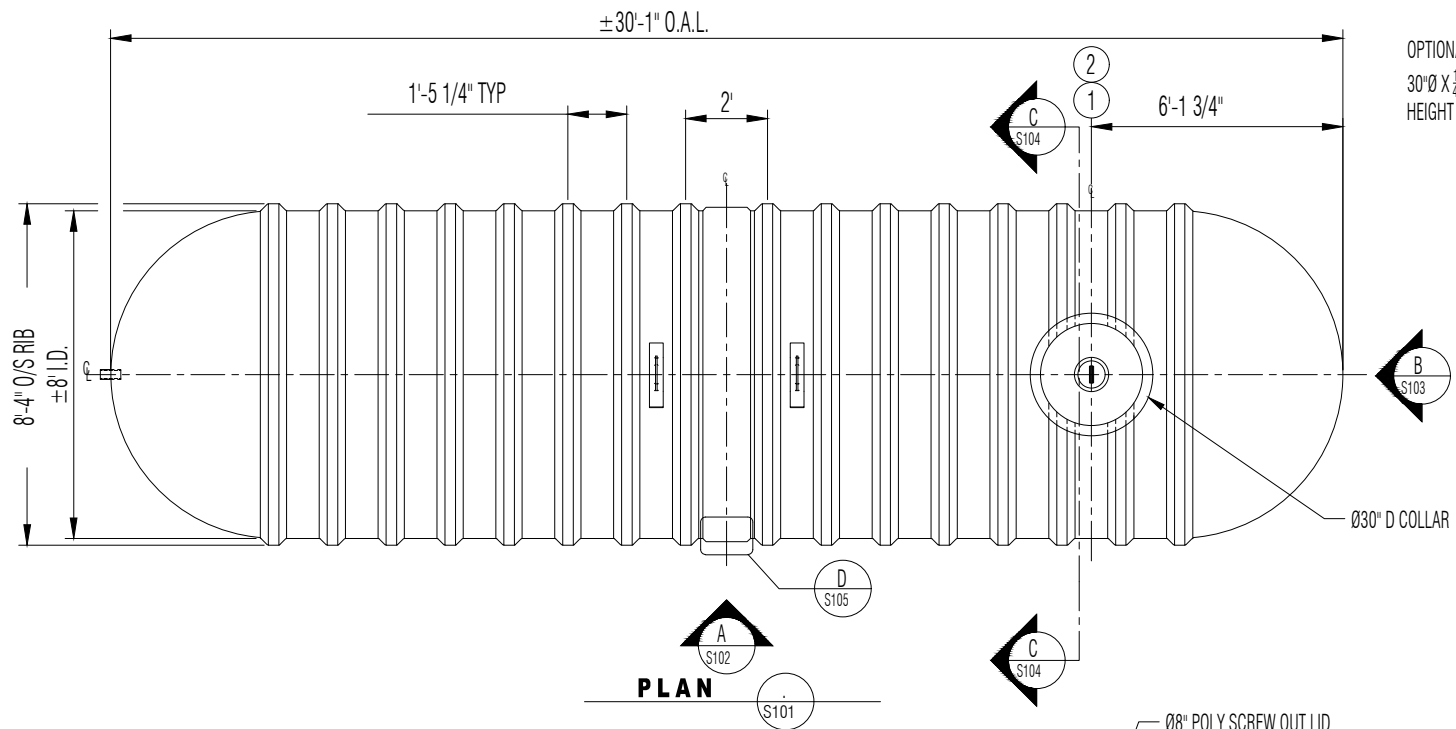




OPTIONAL FLANGED EXTENSION:
30"Ø X $\frac{1}{4}''$ THK X (12", 24", 30", 36", 48", 60", 72", 84")
HEIGHT

Ø30" X $\frac{1}{4}''$ THK COLLAR

Ø30" D COLLAR

Ø8" POLY SCREW OUT LID

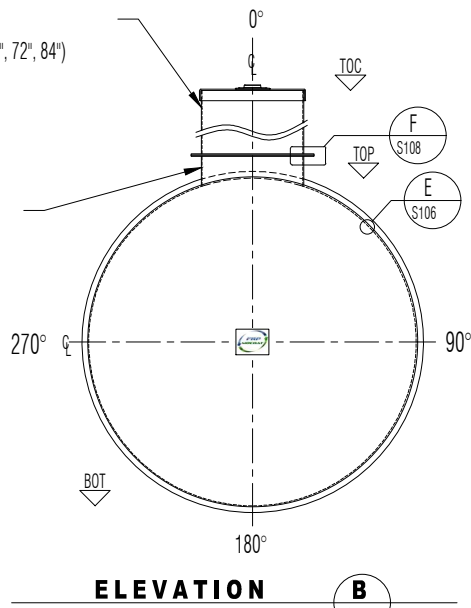
OPTIONAL FLANGED EXTENSION:
30" D X 12", 30", 48", 60", 84"
HEIGHT

30" D COLLAR BONDED TO TANK

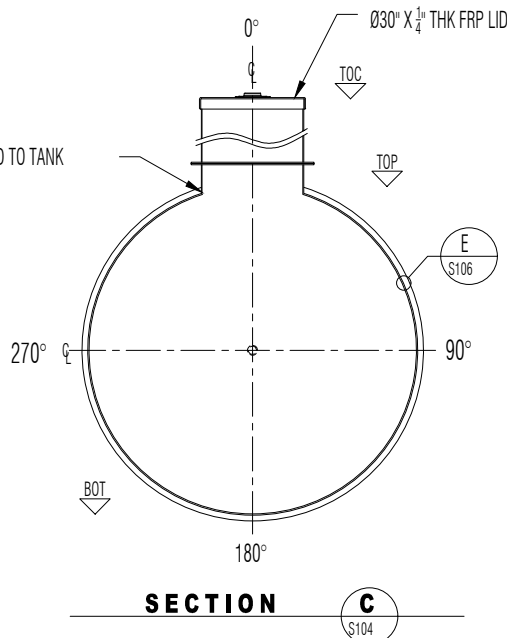
LIFT LUG

2" NPT

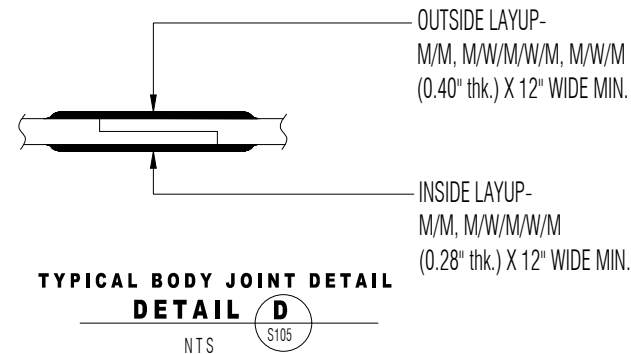
30"Ø COLLAR BONDED TO TANK



ELEVATION



SECTION



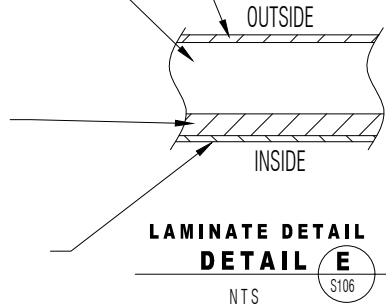
TYPICAL BODY JOINT DETAIL
DETAIL D

EXTERIOR SURFACE LAYER
(0.13mm to 0.30mm Thick)

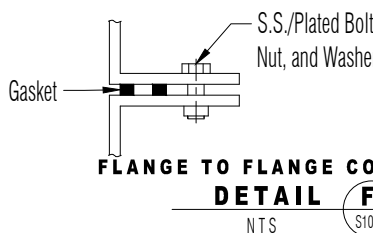
STRUCTURAL LAYER (Remainder of thickness in table
minus sum of Chem, Anti-Wick, Ext Layers)

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

STRUCTURAL RIB $\frac{1}{4}''$
THK

FRP TANK SINGLE
WALL

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

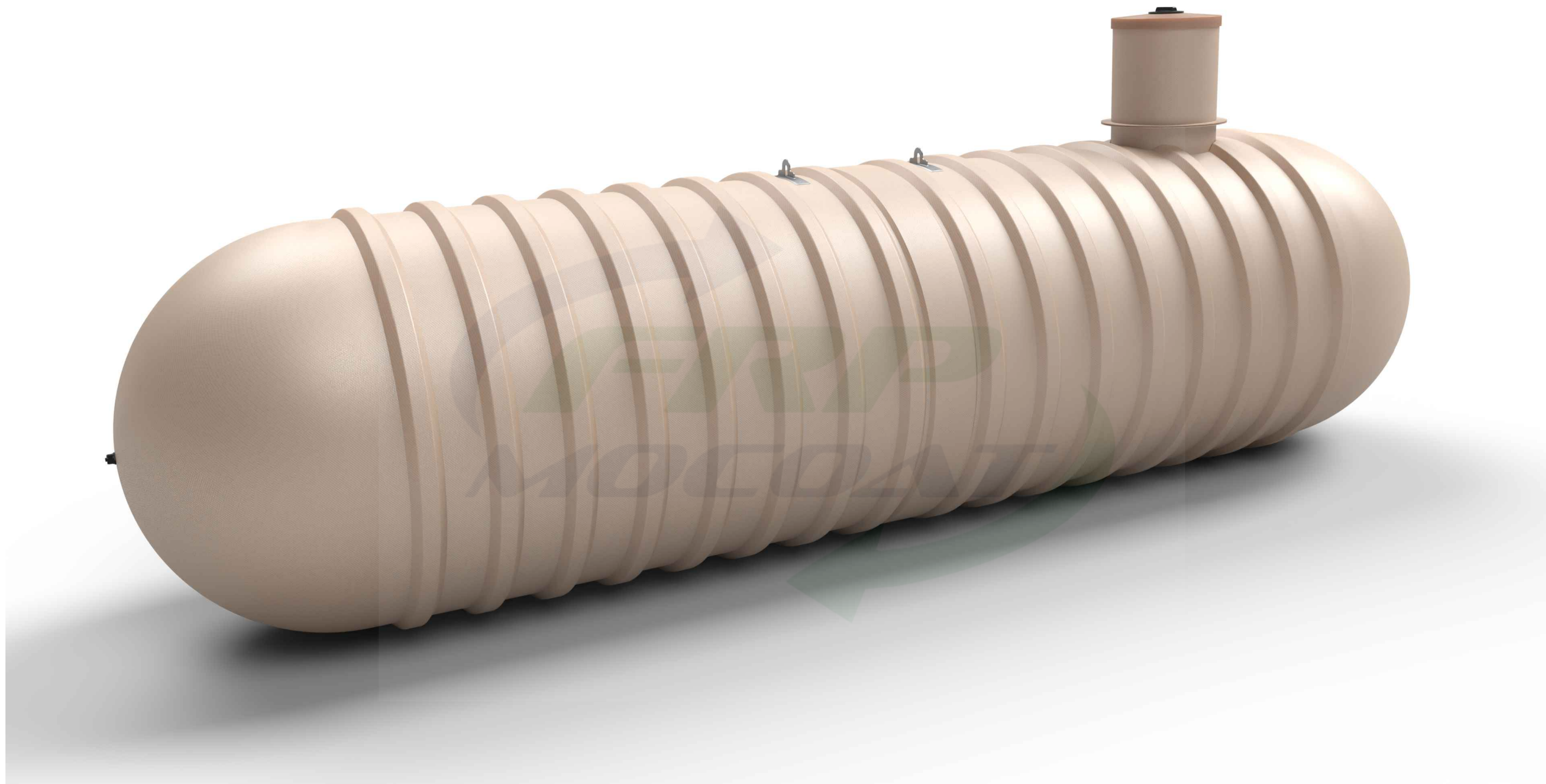
GENERAL NOTES
- CSA ANSI / NSF 61 CERTIFIED FRP POTABLE WATER TANK.
- RATED FOR 7' OF BURIAL DEPTH AND NO TRAFFIC LOADING.
- ALL DRILLED HOLES FLANGES TO BE COATED WITH RESIN..
- DIMENSIONS SHOWN IN FEET INCHES FORMAT OTHERWISE NOTED.
- 1/2" FABRICATION TOLERANCE. DOES NOT APPLY TO LAMINATE THICKNESS.

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	2	CARBON STEEL LIFT LUG	LIFT LUG
5			
6			
7			

SHELL THICKNESS:	0.375"	DRAWN:	EA/ 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:	1,500 KG (3,200 LBS)	APPROVED:	MPS
LENGTH:	9,169MM (30'-1")	MFG.:	TS
WORKING CAPACITY:	N/A	QA:	BR
OVERALL CAPACITY:	39,012 L (8,582 IG/10,298 USG)	SALES:	DG



CLIENT:	FRP/MOCOAT FIBERGLASS LTD.		
TITLE:	B8500W FRP POTABLE WATER TANK		
	FRPMOCOAT FIBERGLASS LTD.		
SIZE:	DRAWING NUMBER:	REVISION:	
B	B8500W	0	
SCALE:	WEIGHT:	1,500 KG (3,200 LBS)	SHEET:
	BURIAL DEPTH:	RATED 7'- 0"	1/1



B8500W FRP POTABLE WATER TANK

