



#### MATERIAL THICKNESSES

TANK:	"S6"	1/4"
	"S5"	1/4"
	"S4"	1/4"
	"S3"	1/4"
	"S2"	5/16"
	"S1"	23/32"
TANK CONES:	"C4"	25/32"
	"C3"	15/16"
TRANSITION SECTION:	"C2"	1 1/8"
ACCESS TUBE CONE:	"C1"	3/4"
ACCESS TUBE:	60" O.D. x 7/16"	
PEDESTAL:	"P3"	3/4"
	"P2"	3/4"
	"P1"	1"
BASE CONES:	"B4"	27/32"
	"B3"	13/16"
	"B2"	11/16"
	"B1"	9/16"
PLATE RINGS:	"PR4"	1"
	"PR3"	7/8"
	"PR2"	1/2"
	"PR1"	1 1/2"

#### DESIGN NOTES

TANK AND SUPPORT STRUCTURE DESIGNED, FABRICATED, & ERECTED PER AWWA D100-11 AND THE PROJECT PLANS AND SPECIFICATIONS PREPARED BY LUMSDEN ASSOCIATES, P.C.

#### DESIGN LOADS

SNOW: 25 PSF

WIND: 90 MPH BASIC WIND SPEED, EXP C, I = 1.15

SEISMIC:  $S_s = 0.239g$   
 $S_1 = 0.076g$   
 SITE CLASS = "D"  
 SEISMIC USE GROUP = III, I = 1.5

#### MATERIAL

STEEL PLATE: ASTM A36  
 STRUCTURAL STEEL: ASTM A36  
 LADDER RUNGS: ASTM A706  
 GROUT: QUIKRETE N-S GROUT

#### GENERAL NOTES

FOUNDATION, ELECTRICAL, FIELD PAINT, PIPE INSULATION AND TANK DISINFECTION BY C.T.I. SUBCONTRACTORS TO THE CONTRACT LIMITS.

TANK ERECTOR SHALL GROUT 1" UNDER STRUCTURE BASE PLATE

Ⓝ DENOTES NON-STANDARD ITEM OR PROCEDURE

AS-BUILT

		REV.	BY:	DATE	REMARKS
FRANKLIN COUNTY, VIRGINIA 500,000 GALLON PEDESHERE					
BY: TSY		TITLE: ELEVATION DETAILS AND GENERAL NOTES		DATE: 12/13/19	
DATE: 12/13/19		DRAWING NO.: E-8884		01	