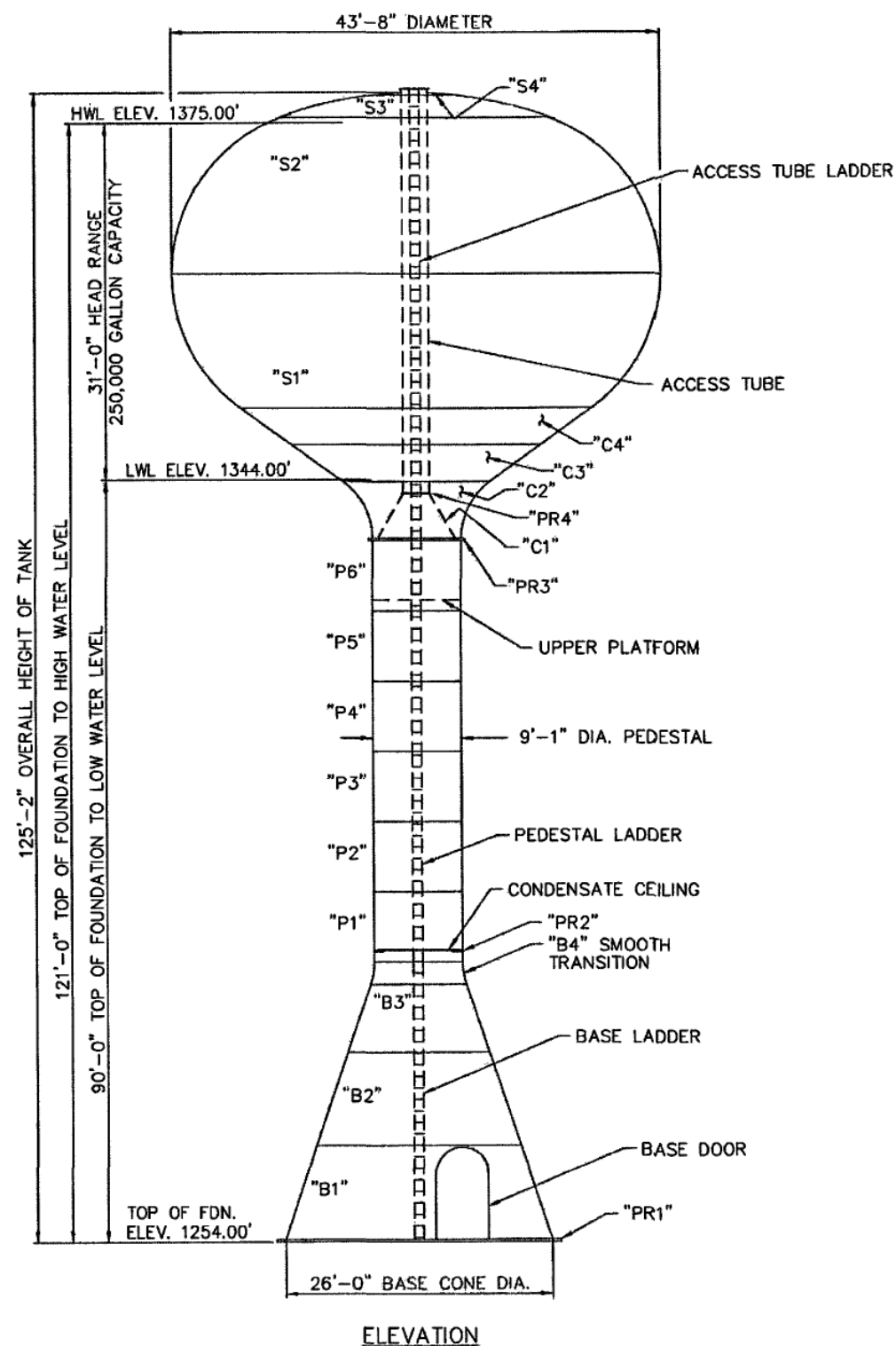




MATERIAL THICKNESSES		
TANK:	"S4"	1/4"
	"S3"	1/4"
	"S2"	1/4"
	"S1"	15/32"
TANK CONES:	"C4"	9/16"
	"C3"	5/8"
TRANSITION SECTION:	"C2"	23/32"
ACCESS CONE:	"C1"	1/2"
ACCESS TUBE: 60" O.D. x 3/8"		
PEDESTAL:	"P6"	15/32"
	"P5"	15/32"
	"P4"	1/2"
	"P3"	1/2"
	"P2"	17/32"
	"P1"	9/16"
BASE CONES:	"B4"	5/8"
	"B3"	9/16"
	"B2"	7/16"
	"B1"	7/16"
PLATE RINGS:	"PR4"	1"
	"PR3"	3/4"
	"PR2"	1/2"
	"PR1"	7/8"

DESIGN NOTES

TANK AND SUPPORT STRUCTURE DESIGNED, FABRICATED, & ERECTED PER AWWA D100-11 AND THE PROJECT PLANS AND SPECIFICATIONS PREPARED BY WESTERN VIRGINIA WATER AUTHORITY, ROANOKE, VIRGINIA

DESIGN LOADS

SNOW LOAD: 25 PSF

WIND LOAD: 90 MPH BASIC WIND SPEED

SEISMIC ZONE: $S_s = 0.252g$
 $S_1 = 0.075g$
 SITE CLASS "D"

MATERIAL

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

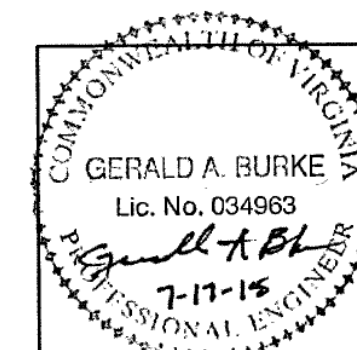
GENERAL NOTES

FOUNDATION, GRADING, SEEDING BY DIVISIONS OF CALDWELL TANKS TO CONTRACT LIMITS. FIELD PAINT, TANK STERILIZATION & WATER TEST ELECTRICAL AND INSULATION WORK 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
CALDWELL Since 1887 Water - Energy - Industrial			
ROANOKE, VIRGINIA 250,000 GALLON PEDESHERE			
BY: AMK	TITLE: ELEVATION DETAILS AND GENERAL NOTES		
DATE: 07/07/15	DRAWING NO.: E-8344 01		