

TANK ELEVATION

MATERIAL THICKNESSES	
ROOF TAIL	3/16"
ROOF CAP	1/4"
ROOF RAFTER	6" x 4" x 5/16"
RIM ANGLE	6" x 6" x 3/8"
SHELL: S-3	1/4"
S-2	1/4"
S-1	5/16"
TENSION RING	5/8"
BOTTOM: C-3	9/16"
C-2	3/4"
C-1	1 21/32"
B-2	11/32"
B-1	1/2"
ACCESS TUBE	48" DIA. x 3/8" (S2 KSI)
FLUTED PILLAR: FC-4	1/4"
FC-3	1/4"
FC-2	9/32"
FC-1	5/16"
BASE PLATE RING	1 1/4"

PAINT PROCEDURES
MANUFACTURER - TNEPEC PAINT CO.

SHOP PAINT:
INTERIOR: WET (SURFACE AREA - 18,300 SQ. FT.)
BLAST CLEAN SSPC-SP10 NEAR WHITE
PAINT ONE PRIME COAT SERIES 20-1255 (BEIGE)
4.0 MILS DFT

INTERIOR: DRY (SURFACE AREA - 15,700 SQ. FT.)
BLAST CLEAN SSPC-SP6 COMMERCIAL BLAST
PAINT ONE PRIME COAT SERIES 20-1225 (BEIGE)
3.0 MILS DFT

EXTERIOR SURFACES (SURFACE AREA - 22,600 SQ. FT.)
BLAST CLEAN SSPC-SP6 COMMERCIAL BLAST
PAINT ONE PRIME COAT SERIES 20-1225 (BEIGE)
3.0 MILS DFT

FIELD PAINT:
INTERIOR WET:
BLAST CLEAN SSPC-SP10 NEAR WHITE ALL SEAMS AND ABRADED AREAS
PAINT ONE PATCH COAT SAME AS SHOP PRIME.
PAINT ONE FINISH COAT OF SERIES 20-WH02 (TANK WHITE)
4.0 MILS DFT

TOTAL INTERIOR WET SYSTEM: 8.0 MILS DFT

INTERIOR DRY:
BLAST CLEAN SSPC-SP6 COMMERCIAL BLAST ALL SEAMS AND ABRADED AREAS
PAINT ONE PATCH COAT SAME AS SHOP PRIME.
PAINT ONE FINISH COAT SERIES 20-WH02 (TANK WHITE)
3.0 MILS DFT

TOTAL INTERIOR DRY SYSTEM: 6.0 MILS DFT

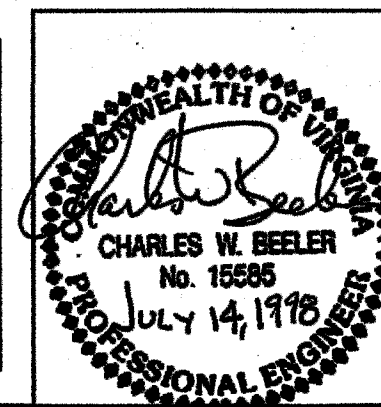
EXTERIOR SURFACES
BLAST CLEAN SSPC-SP6 COMMERCIAL BLAST ALL SEAMS AND ABRADED AREAS
PAINT ONE PATCH PRIME COAT SAME AS SHOP
PAINT ONE INTERMEDIATE COAT SERIES 66 HI-BUILD EPOXOLINE
3.0 MILS MIN. DFT (TINT COLOR FOR CONTRAST)
PAINT ONE FINISH COAT SERIES 75-GB 13 (TEARDROP) ENDURA-SHIELD
1.5 MILS DFT

TOTAL EXTERIOR SYSTEM: 7.5 MILS DFT

DISINFECT IN ACCORDANCE WITH AWWA C652-92 & PROJECT SPECIFICATIONS.

Ⓝ DENOTES NON-STANDARD PRACTICE

DESIGN NOTES:
TANK AND SUPPORT STRUCTURE DESIGNED, FABRICATED & ERECTED
IN ACCORDANCE WITH AWWA D100-96 AND PROJECT SPECIFICATIONS.
WIND LOAD: 100 MPH
SNOW LOAD: 25 PSF SEISMIC: ZONE 2A (15%)
MATERIAL: STEEL PLATE: ASTM A36
STRUCTURAL STEEL SHAPES: ASTM A36
LADDER RUNGS: ASTM A706
TANK ERECTOR SHALL GROUT 1" UNDER BASE PLATE RING.
FIELD PAINTING, STERILIZATION, INSULATION, FOUNDATION,
FOUNDATION PIPING, FENCE, SITEWORK & ELECTRICAL BY
C.T.I. SUBCONTRACTORS



REV.	BY:	DATE	REMARKS
A	BAW	7/98	EXTERIOR PAINT COLOR SPECIFIED
Caldwell Tanks, Inc. Louisville, KY.			
BOTETOURT COUNTY, VA			
BY:	BAW	DATE:	TITLE: 1,000,000 GALLON FLUTED COLUMN ELEVATION & PAINT DETAILS
		4-98	DRAWING NO: E-4291 01