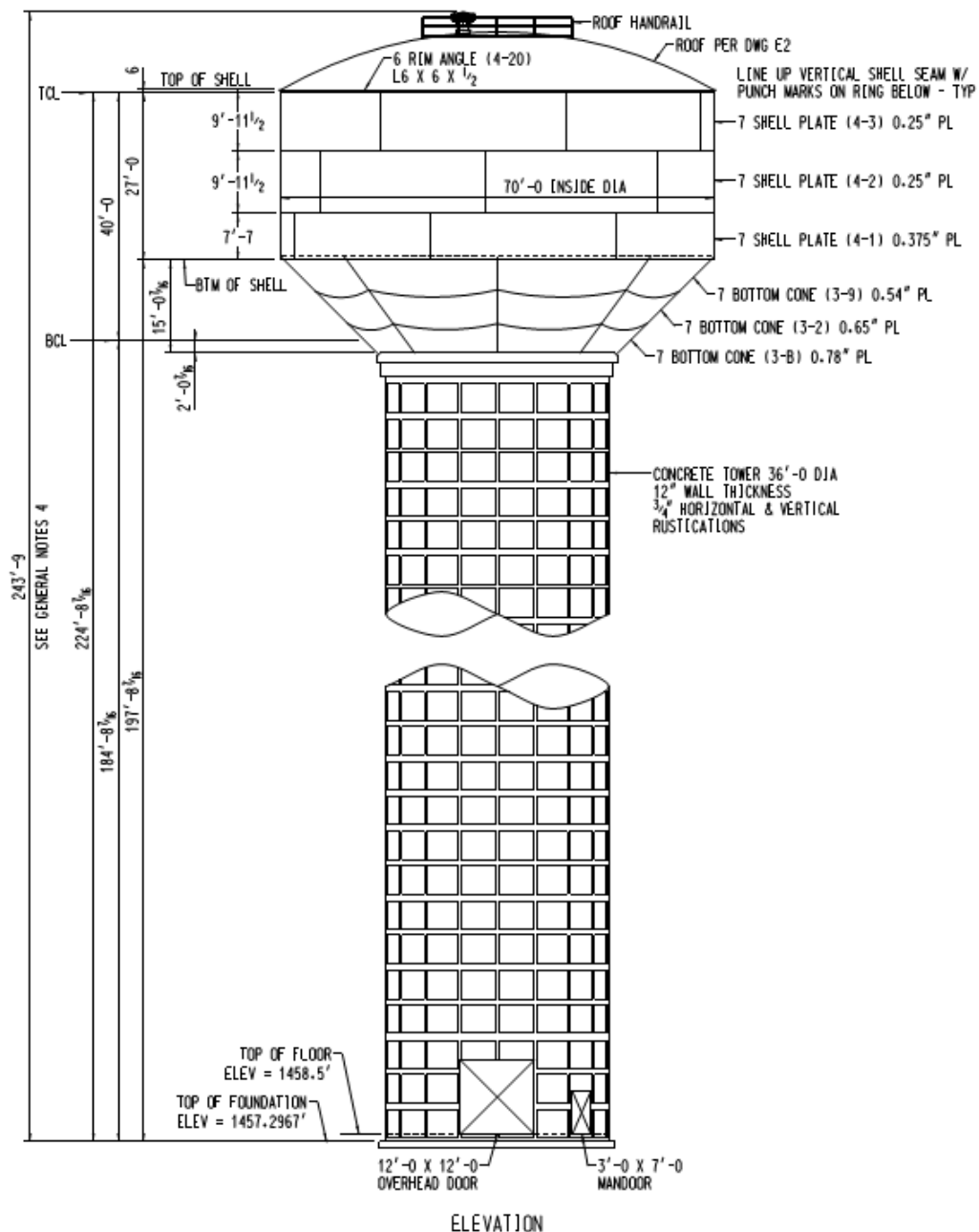


Elevated Water Storage Tank Update





243'-9"
SEE GENERAL NOTES 4

224'-8 1/8"
184'-8 1/8"
197'-8 1/8"

TOP OF FLOOR
ELEV = 1458.5'
TOP OF FOUNDATION
ELEV = 1457.2967'

12'-0" X 12'-0"
OVERHEAD DOOR
3'-0" X 7'-0"
MANDOOR

ELEVATION

- GENERAL NOTES:
- WELDING
 - WELD SPECS: AWS D107.
 - ALL FIELD CONNECTIONS WELDED EXCEPT AS NOTED.
 - SEE DWG. E3 FOR FIELD WELDING NOTES.
 - TANK TESTING
 - SPOT X-RAY PER AWS D107
CB&I CMS-830-15-PR-45034 &
CB&I CMS-830-15-PR-45059.
 - THE BOTTOM LINER PLATE WELDS AND ALL WELDS ATTACHING TO THE BOTTOM LINER PLATES SHALL BE EXAMINED BY THE SOLUTION FILM TESTING PROCEDURE - VACUUM BOX TEST METHOD.
 - GRINDING REQUIREMENTS:
 - INSIDE NET: PER 'NACE D'
 - INSIDE DRY: PER 'NACE D'
 - EXTERIOR: PER 'NACE D'
 - DIMENSION TO TOP OF VENT +6 INCHES.

CONCRETE AND REINFORCING NOTES

- ALL CONCRETE SHALL BE SUPPLIED IN ACCORDANCE WITH APPROVED MIX DESIGNS AND SHALL ATTAIN A 28 DAY COMPRESSIVE STRENGTH AS SPECIFIED ON DWG T2 SHT 1.
- DEFORMED REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60 AND PLAIN WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064. THE REINFORCING FABRICATION SHALL CONFORM TO ACI 301. REINFORCING SHALL BE PLACED ACCORDING TO ACI 301 TOLERANCES AND SHALL HAVE 1 1/2 INCHES OF COVER UNLESS OTHERWISE NOTED.
- CONCRETE QUALITY SHALL CONFORM TO ACI 301.
- CONCRETE SHALL BE TESTED IN ACCORDANCE WITH ACI 301. SLUMP, TEMPERATURE, AIR CONTENT AND COMPRESSIVE CYLINDER TESTING SHALL BE IN ACCORDANCE WITH THE APPROPRIATE ASTM AND ACI STANDARDS.
- CONCRETE ANCHORS SHALL BE GALVANIZED CARBON STEEL POWER-STUD WEDGE ANCHORS OF THE SIZE AND EMBEDMENT SHOWN. POWER-STUD ANCHORS SHALL BE AS DIMENSIONED AND SUPPLIED BY POWERS FASTENING, INC. UNLESS NOTED OTHERWISE. ANCHORS ARE FURNISHED AND INSTALLED BY THE TOWER CONSTRUCTION CREW.

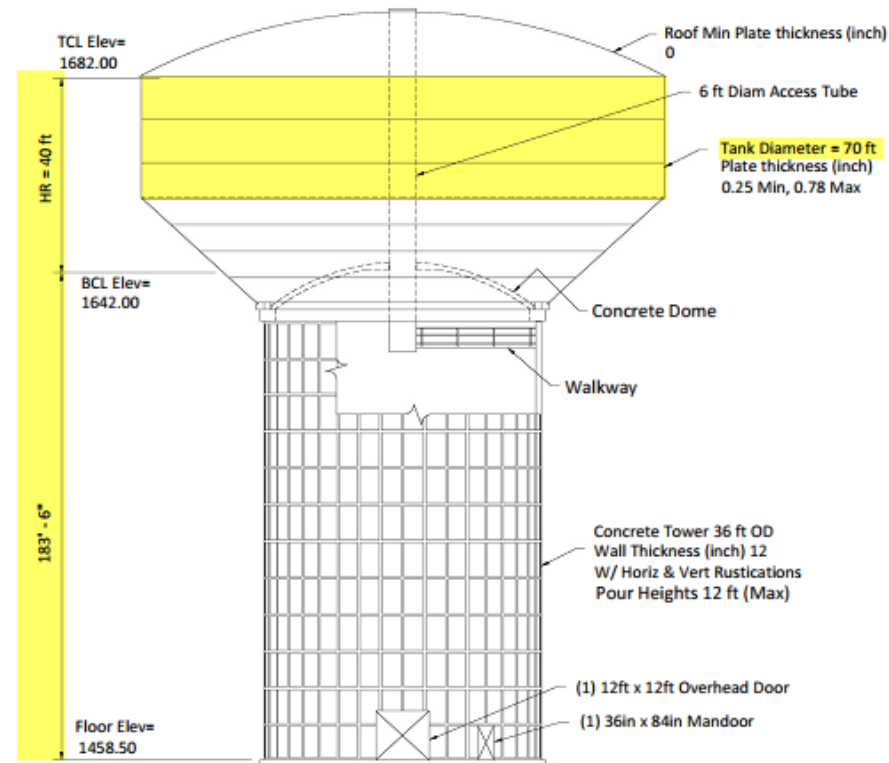
ONE OR MORE OF THE FOLLOWING PATENTS MAY APPLY:
8,261,510
8,820,009

NOT FOR CONSTRUCTION

		MAIN ERECTION	
		1000MG CET X 70' DIA X 40' HR X 36' TWR CITY OF STAUNTON STAUNTON, VIRGINIA	
BY: KPL, DND, BKC, DATE 14NOV24 KEN DECKER - PLAINFIELD ENGINEERING ASSISTANT	PROJECT NO	CONTRACT NO 253711	
	DWG NO 253711-000-PS-01-00E101	SHT NO E1	REV A
	1.000MG CET X 70' DIA X 40' HR X 36' TWR CITY OF STAUNTON STAUNTON, VIRGINIA		



NOT TO SCALE



1000 MG CET / 223' - 6" TCL
Staunton, VA

Specifications: AWWA D107, ACI 318, and Engineer
Snow Loading : 25 psf
Wind : 122 mph From ASCE 7-16, Risk Category IV
ASCE Seismic : $S_s = 0.25$, $S_1 = 0.07$, Site Class = C, Risk Category IV

Contract No. 253711
DF. No. 7200P
Rev : 0
Made by : WJC
Date : 7-May-24
Page : 1.15







Tank Reservoir Elevation

Planar measurements of graphics.

Tank measurements shown are based on a typical 1M gallon CB&I CET and client-provided drawings.

Engineer/Owner/Contractor should verify all measurements prior to final approvals and production.

NOTE:
ALL DIMENSIONS AND SPECS
PER ORIGINAL CB&I DRAWING
14NOV24.

Quantity: (3) equal sides.
Exact orientation of primary
side to be determined /
verified in the field by owner /
engineer.
(1) pattern required for reuse
(3) times around shell)

VERIFY COLORS

-  Tnemec Tank White 15BL
-  Tnemec Teardrop 37BL
-  Tnemec Fountainsbleu 25BL
-  Tnemec Black 35GR

Note:
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Patterns must be purchased from TankLOGOS.com LLC.



Tim Donovan | Owner
106 Mission Ct STE 1201
Franklin, TN 37067
615.473.0272 tel
888.492.1831 fax
Tim@TankLOGOS.com

Client: Corrosion Control Corp.
Design: Staunton VA 1MG CBI CET CO
Revision Date: 06-25-25
First Print Date: 05-29-25
Scale: 3/32"=1'-0"±

Please sign copy(s) of this drawing and accompanying estimate if approved and return or fax to begin work.

Signature _____

APPROVED ☐ DATE _____

APPROVED AS NOTED ☐ DATE _____

REVISE + RESUBMIT ☐ DATE _____

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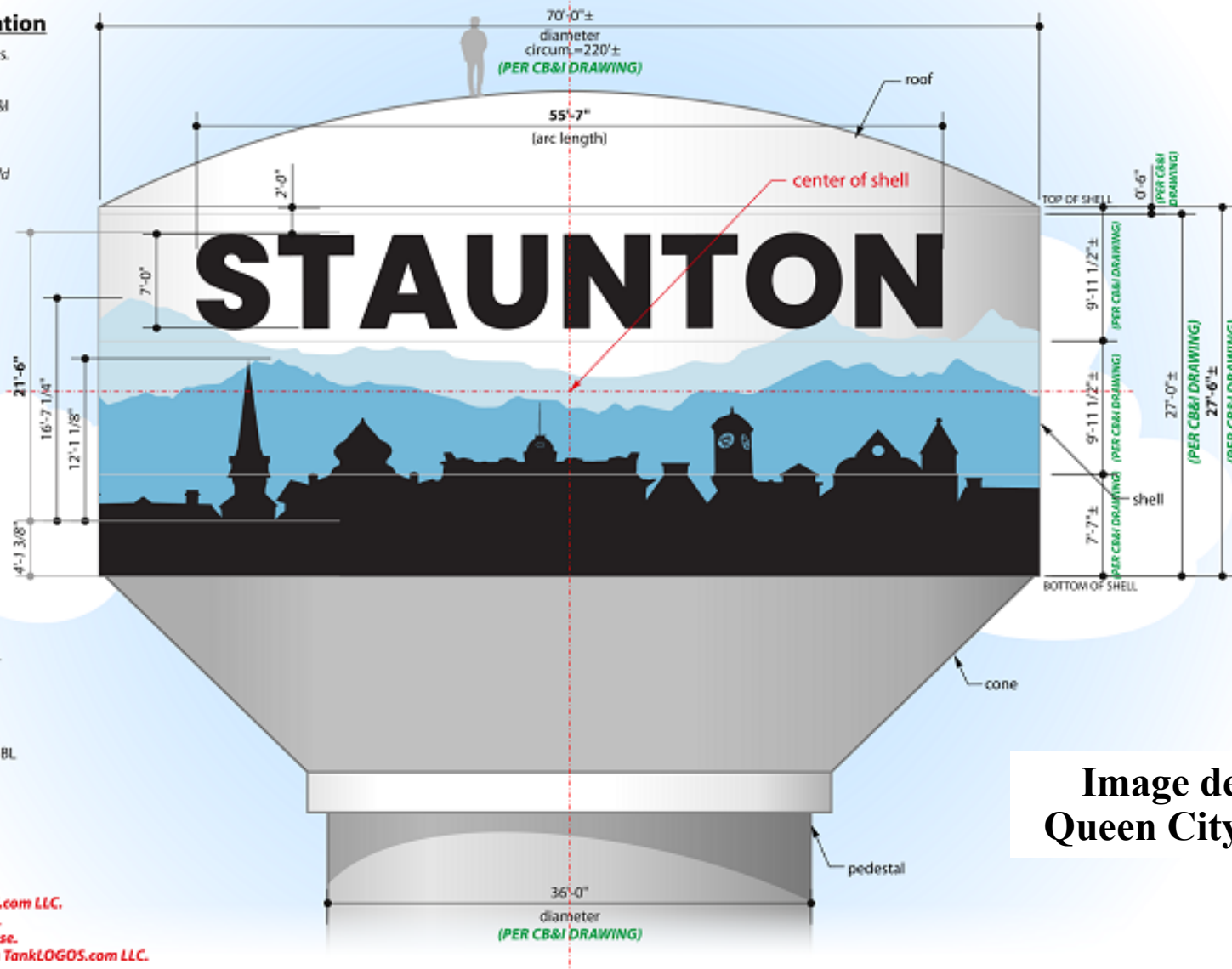


Image design by
Queen City Creative

Graphics Elevation

Planar measurements of graphics.

Tank measurements shown are based on a typical 1M gallon CB&I CET and client-provided drawings.

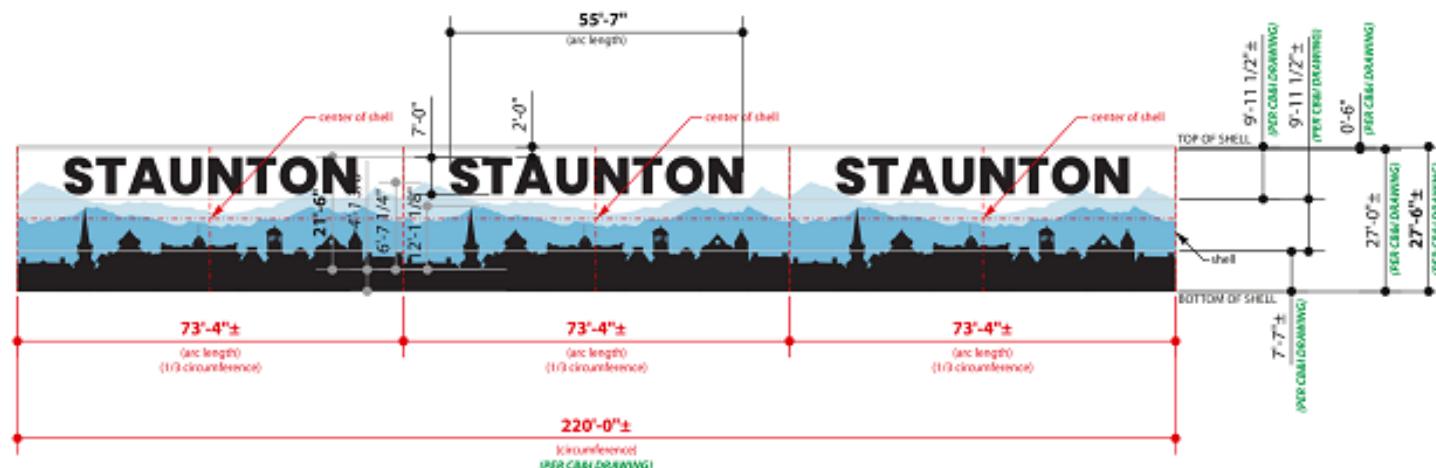
Engineer/Owner/Contractor should verify all measurements prior to final approvals and production.

NOTE:
ALL DIMENSIONS AND SPECS
PER ORIGINAL CB&I DRAWING
14NOV24.

Quantity: (3) equal sides.
Exact orientation of primary side to be determined / verified in the field by owner / engineer.
((1) pattern required for reuse (3) times around shell)

VERIFY COLORS

	Tnemec Tank White 158L
	Tnemec Teardrop 37BL
	Tnemec Fountainbleu 258L
	Tnemec Black 35GR



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Tim Donovan | Owner
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Tim@TankLOGOS.com

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APPROVED ☐ **DATE** _____
APPROVED AS NOTED ☐ **DATE** _____
REVISE + RESUBMIT ☐ **DATE** _____

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From Entrance Ramp at I-81 NB MM222:



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From I-81 NB travel lane:



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From I-81 SB travel lane:



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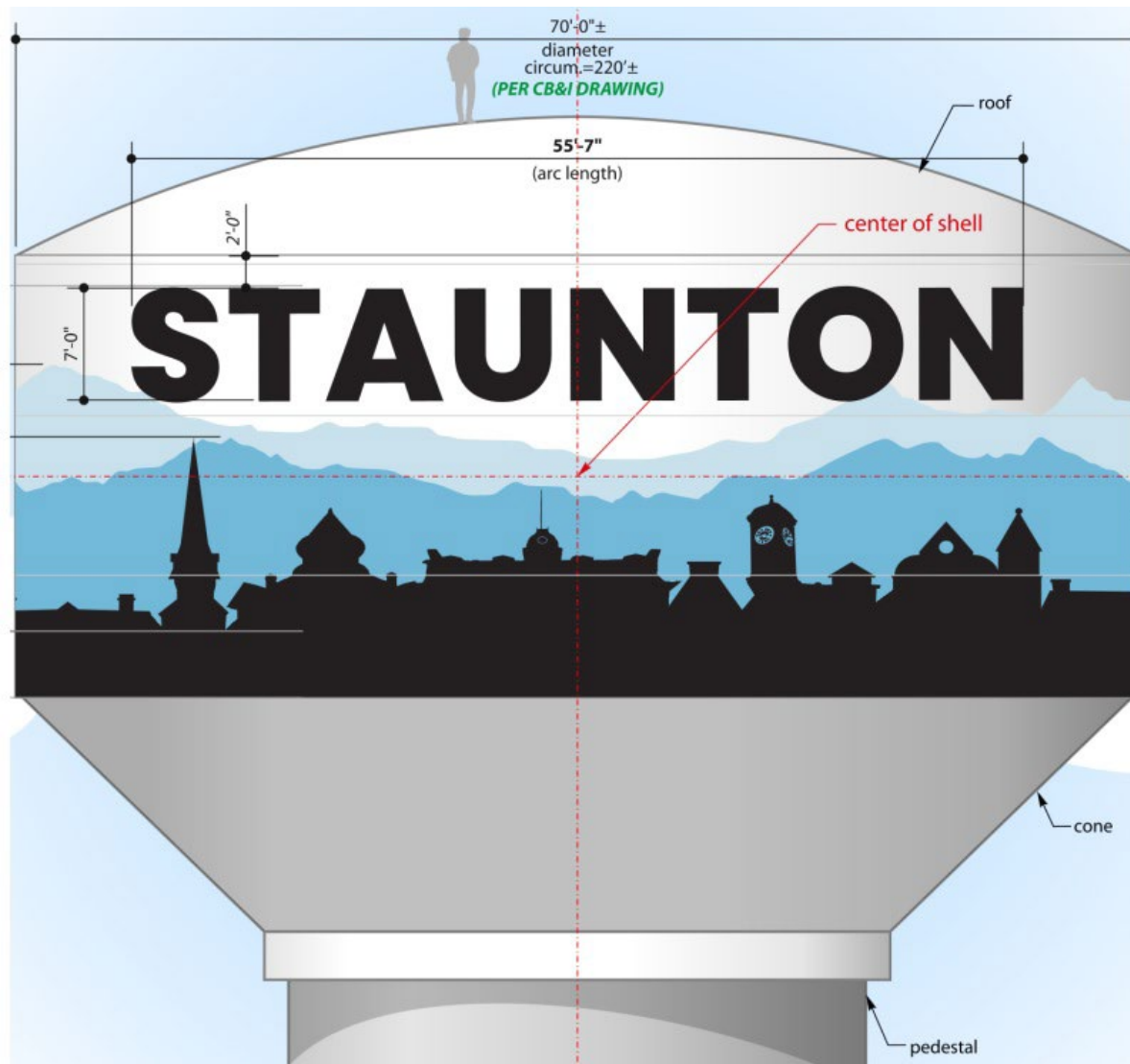
From Richmond Ave:



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Questions?