

PROJECT HARRISONBURG AREA FOR STAINTON FO

AUGUSTA MILL PLACE WATER PROJECT - PHASE A ELEVATED WATER STORAGE TANK

AUGUSTA COUNTY, VIRGINIA

AUGUSTA COUNTY SERVICE AUTHORITY
P.O. BOX 859
VERONA, VIRGINIA 24482

SHEET INDEX

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 C01 SITE PLAN
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 C03 TANK PLAN & PIPING SECTIONS

C04 STANDARD DETAILS

PROJECT NARRATIVE:
THIS PROJECT INCLUDES CONSTRUCTION OF A 500,000 GALLON
(OPTIONAL BID FOR 1 MG) COMPOSITE ELEVATED WATER STORAGE
TANK AND ASSOCIATED SITE WORK AND UTILITY LINES. THIS PROJECT
SCOPE IS GENERALLY LIMITED TO WORK SHOWN ON THE TANK LOT &
ACCESS/UTILITY EASEMENTS, AS WELL AS DOWNSTREAM DRAINAGE
IMPROVEMENTS SHOWN. OFFSITE TANK WATER MAINS ARE BEING
CONSTRUCTED AS A SEPARATE PROJECT.

EROSION & SEDIMENT CONTROL LEGEND

SOIL STABILIZATION BLANKETS & MATTING (VESCH 3.36)

CD CHECK DAM (VESCH 3.20)

CRS CONSTRUCTION ROAD STABILIZATION (VESCH 3.03)

INLET PROTECTION (VESCH 3.07)

(OP) OUTLET PROTECTION (VESCH 3.18)

SILT FENCE (VESCH 3.05)

TEMP SEEDING, PERM SEEDING

TEMP SEEDING, PERM SEEDING, MULCHING (VESCH 3.31, 3.32, 3.35)

Ped & Bortz , L.L.C.

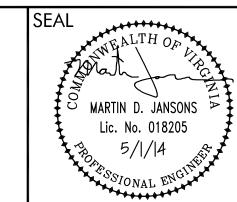
CIVIL & ENVIRONMENTAL ENGINEERS

20 MIDWAY PLAZA DRIVE - SUITE 100 CHRISTIANSBURG, VIRGINIA 24073

PHONE: (540) 394 - 3214 FAX: (540) 394 - 3215

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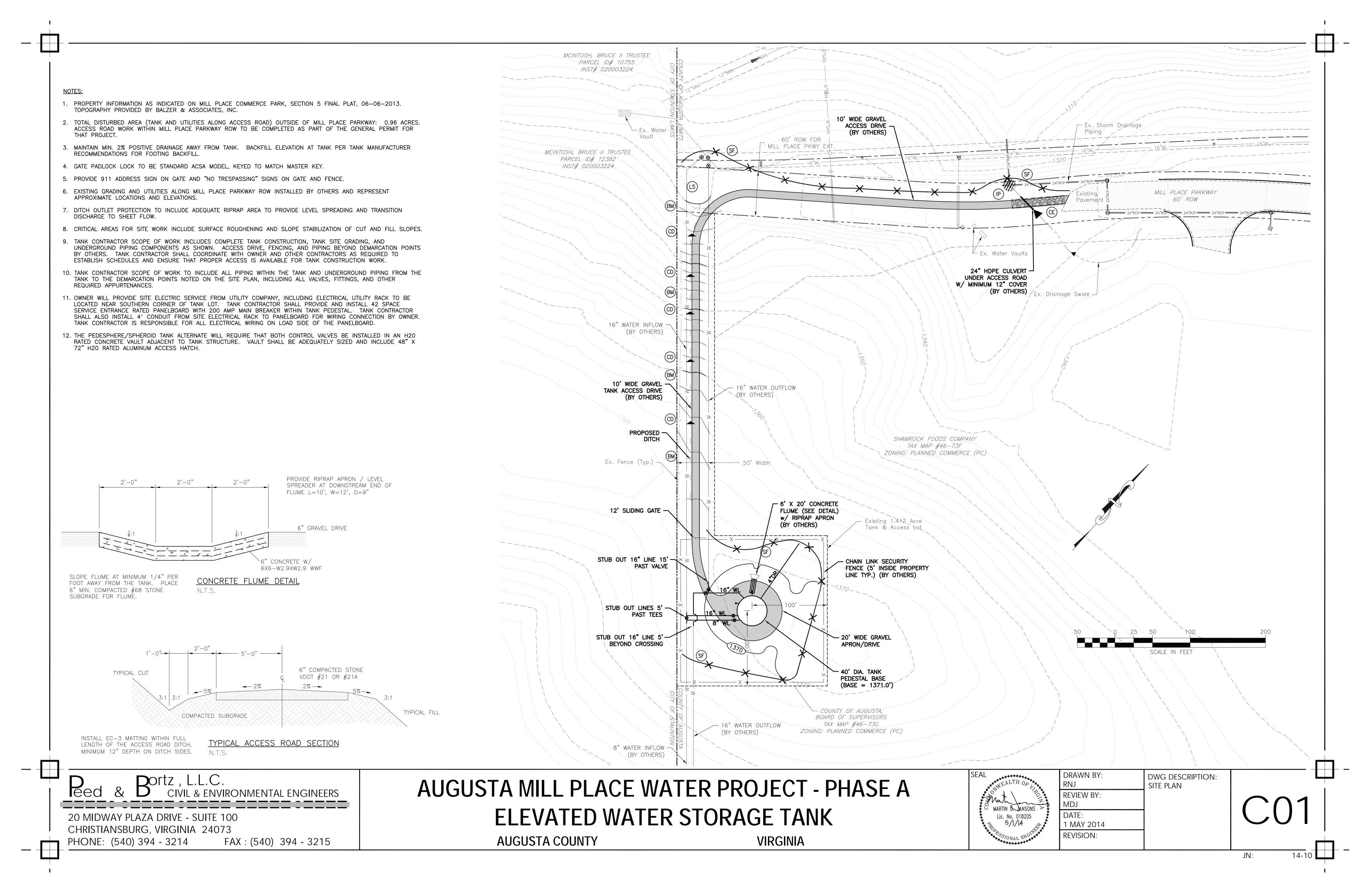
AUGUSTA COUNTY VIRGINIA

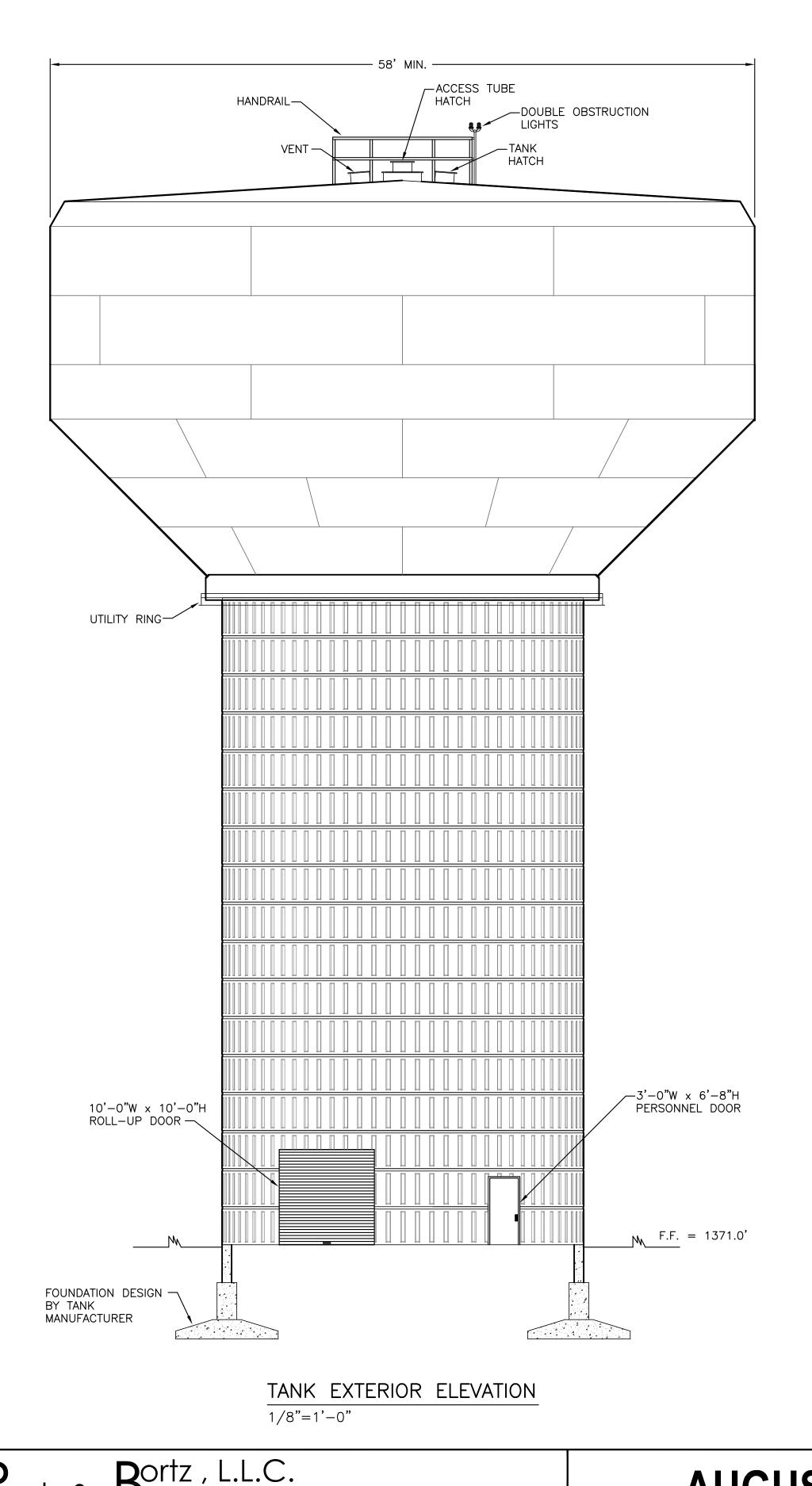


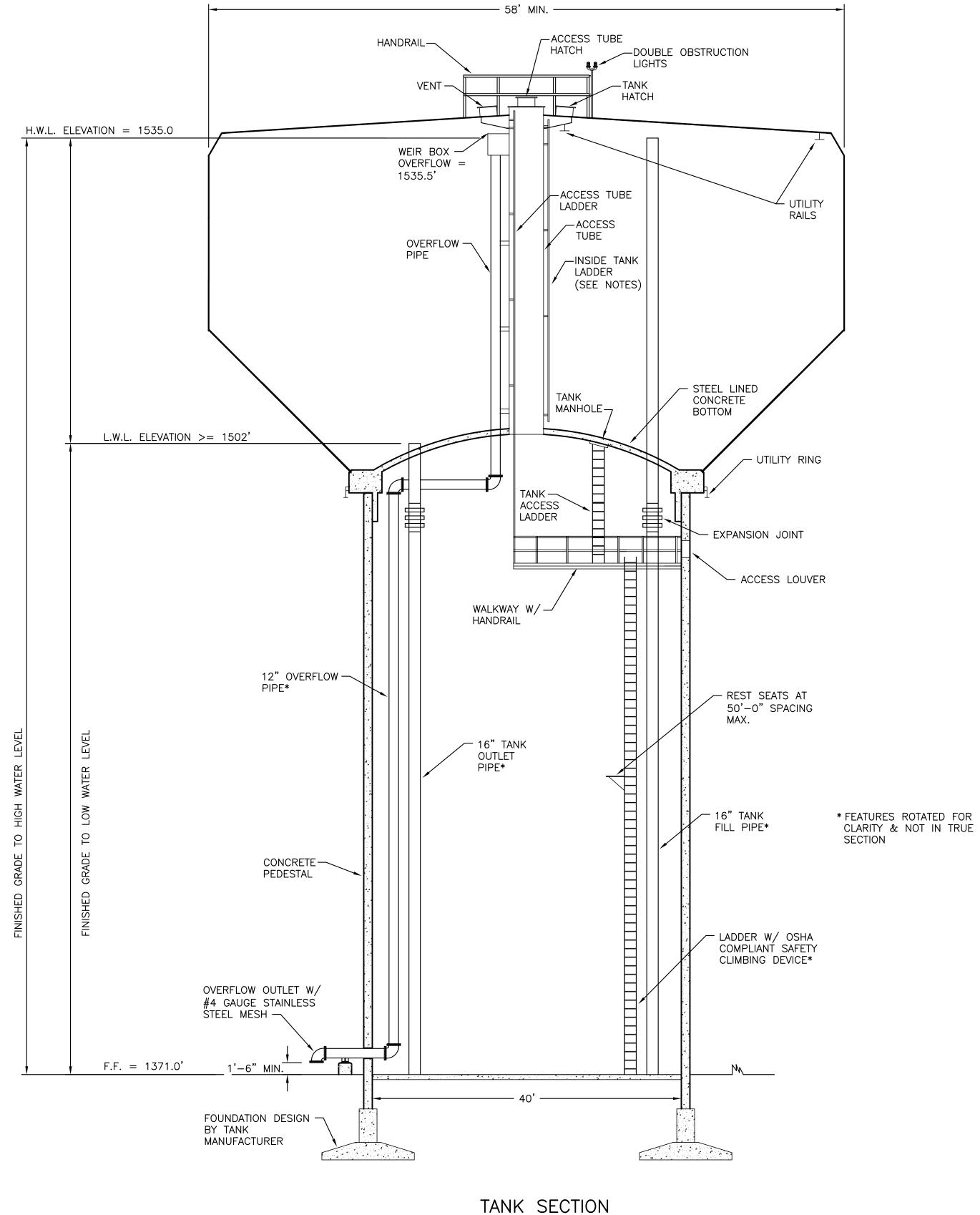
	DRAWN BY: RNJ	DWG DESCRIPTION: TITLE SHEET
	REVIEW BY: MDJ	
	DATE: 1 MAY 2014	
	REVISION:	

G01

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DESIGN:

THE TANK AND CONCRETE SUPPORT PEDESTAL SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH AWWA D100-96, A.C.I. 318-99, A.C.I. 301-96 AND PROJECT SPECIFICATIONS.

DESIGN LOADS SHALL BE IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND LOCAL REGULATIONS.

THE EXTERIOR OF THE CONCRETE PEDESTAL SHALL INCORPORATE VERTICAL AND HORIZONTAL RUSTICATIONS TO CREATE AN ARCHETECTURAL PATTERN.

THE INTERIOR SURFACES SHALL HAVE A SMOOTH AS-CAST FINISH.

MATERIALS:

STEEL PLATE: ASTM A283 GR.C/A36 STRUCTURAL STEEL SHAPES: ASTM A36 LADDER RUNGS: ASTM A706 TYPE 304 STAINLESS STEEL

GENERAL NOTES:

- 1. ACCESSORIES SHOWN ON ELEVATION DRAWINGS ARE ROTATED FOR
- 2. ALL HANDRAILS, PLATFORM LANDINGS, WALKWAYS, LADDERS AND SAFETY CLIMB DEVICES SHALL CONFORM WITH CURRENT OSHA STANDARDS.
- 3. ALL LADDERS, LANDINGS AND ASSOCIATED COMPONENTS INSTALLED INSIDE THE CONCRETE PEDESTAL SHALL BE HOT-DIP GALVANIZED.
- 4. SEE PROJECT SPECIFICATIONS FOR SHOP AND FIELD PAINT REQUIREMENTS.
- 5. STERILIZE TANK IN ACCORDANCE WITH AWWA C652-92 AND PROJECT SPECIFICATIONS.
- 6. LADDERS SHALL HAVE SWING-OUT REST SEATS AT 50'-0" MAXIMUM SPACING.
- 7. REFER TO SHEET CO3 FOR CONTROL VALVE PIPING & DETAILS.

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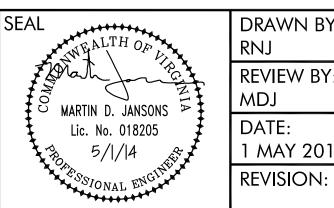
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1/8"=1'-0"



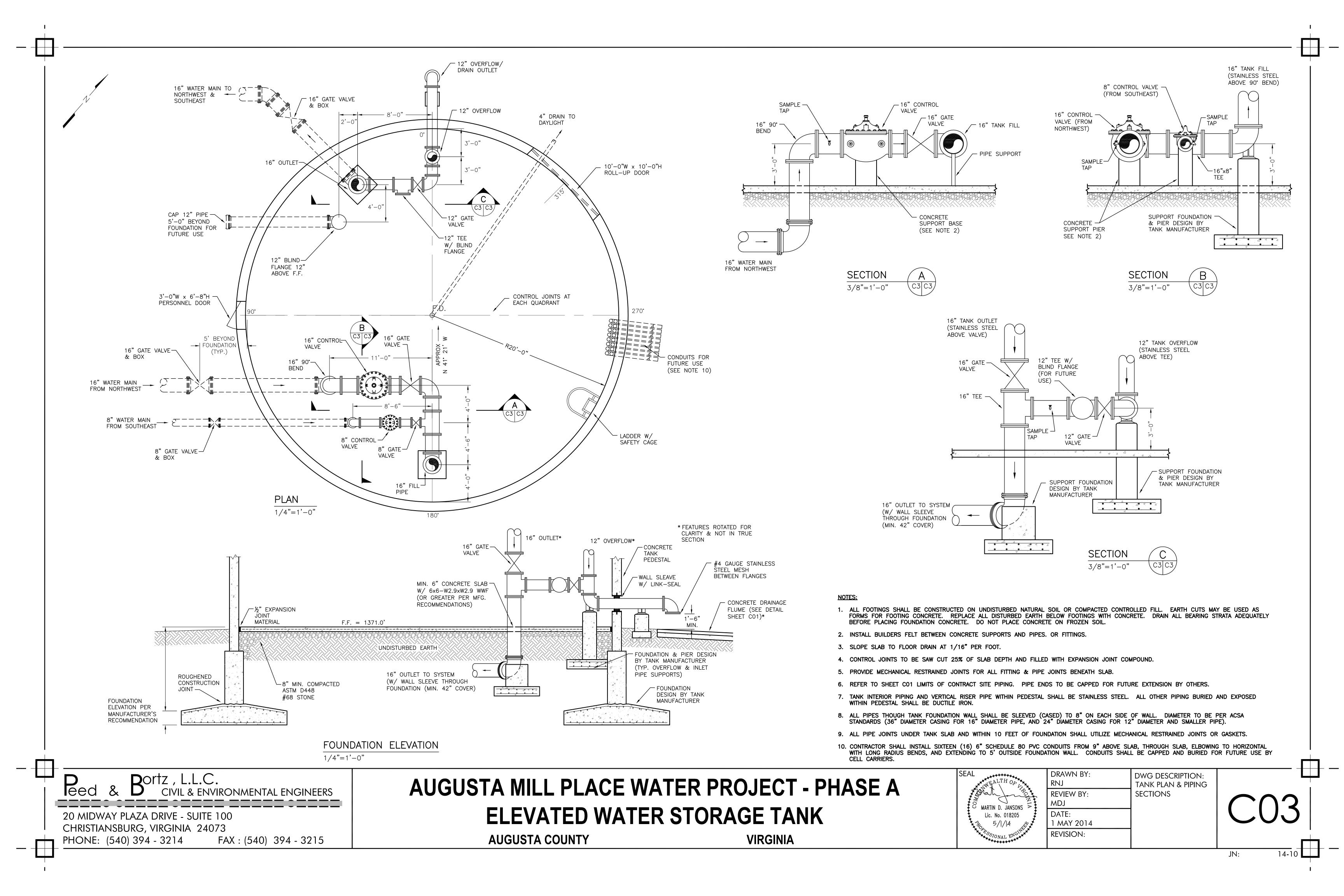
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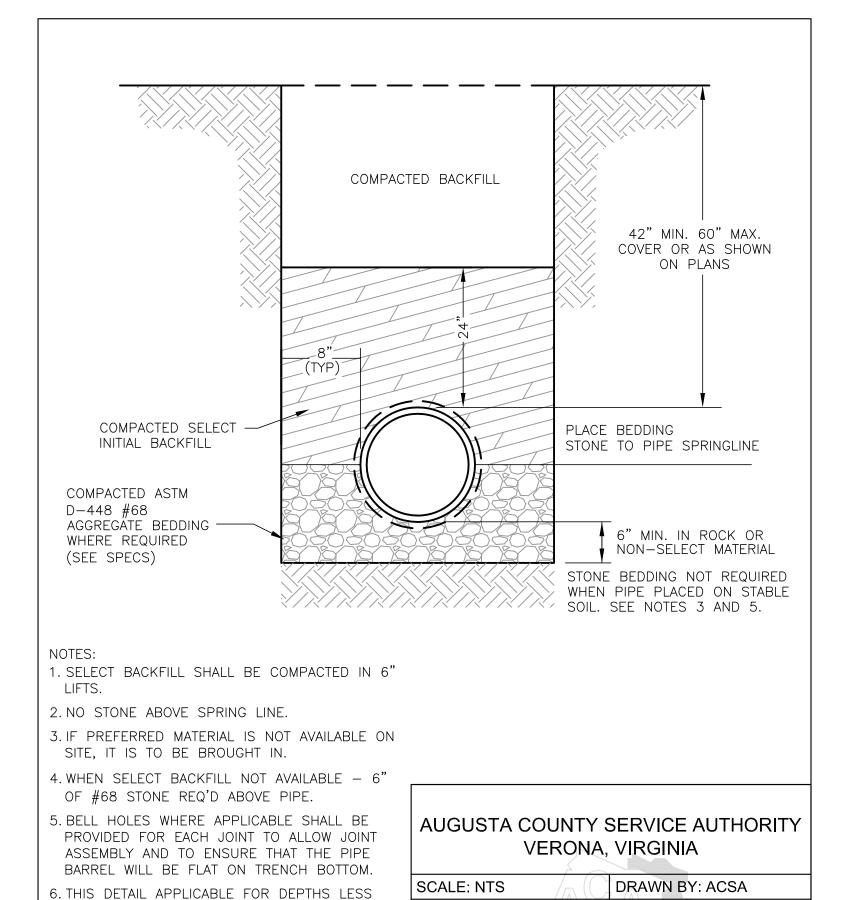
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REVISED: NOV. 2012

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TYPICAL DUCTILE IRON PIPE INSTALLATION

AND BEDDING REQUIREMENTS

DRAWING NUMBER: W-1

THAN 14 FEET. SEE PLANS FOR MODIFICATIONS | DATE: FEB. 1996

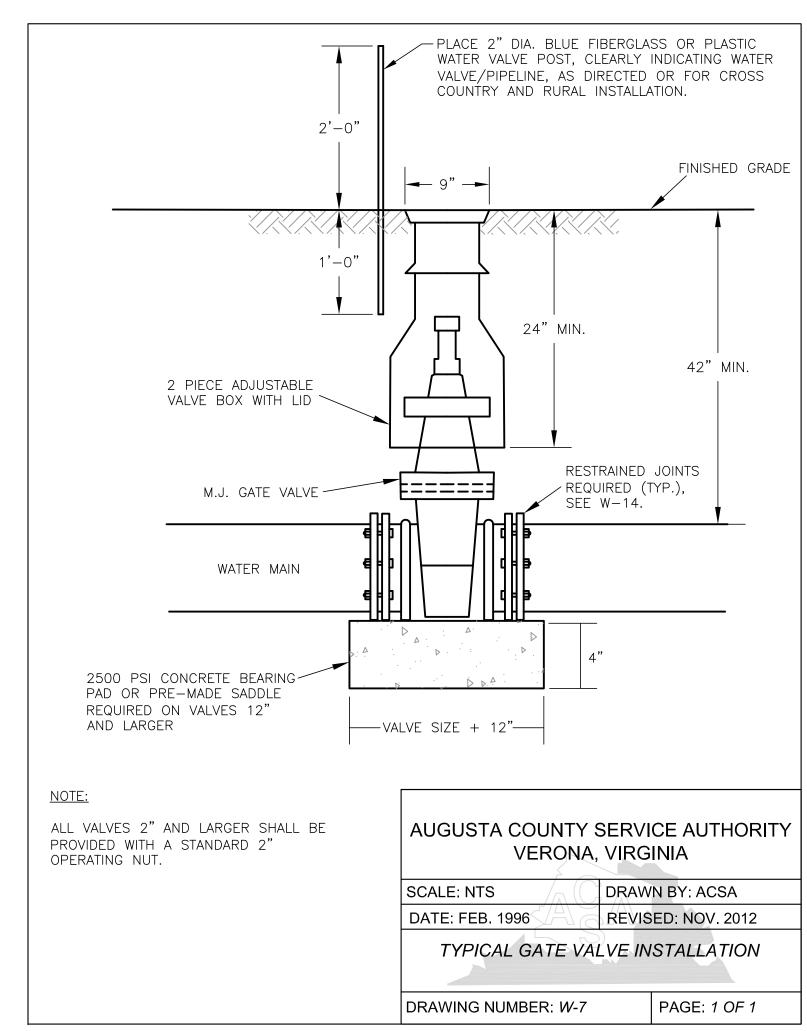
WHEN PIPE PLACED ON STABLE SOIL, SCRAPE

STONES TO ENSURE THE PIPE DOES NOT REST

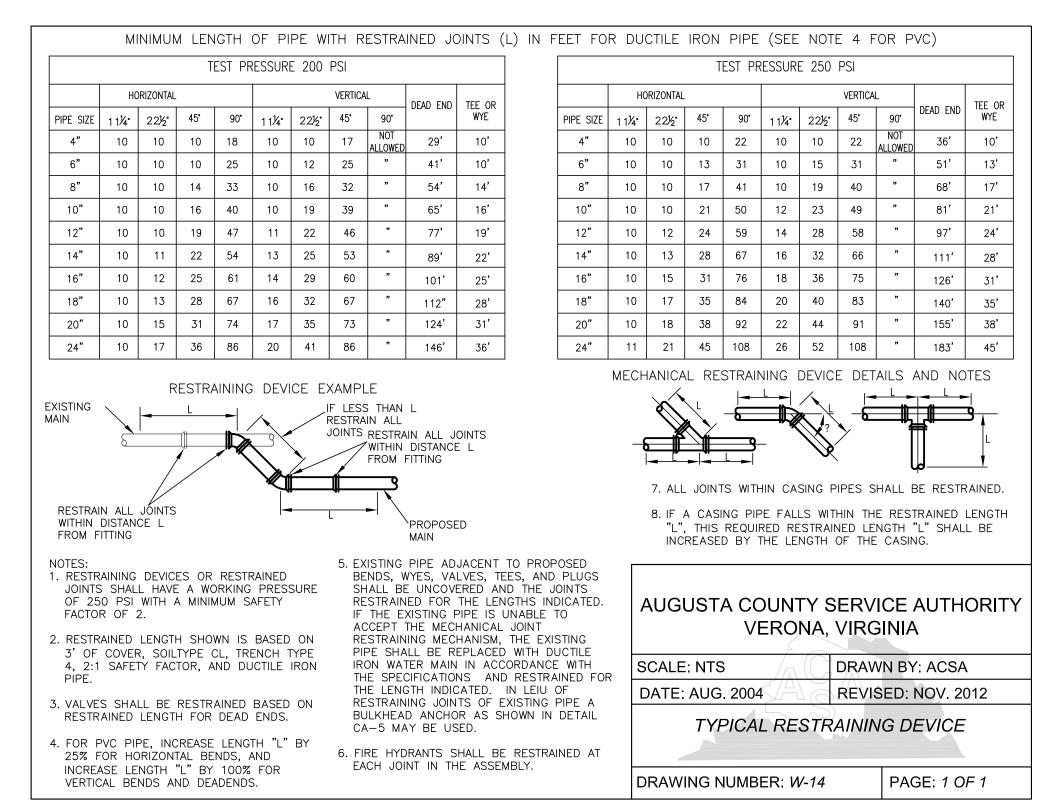
THE BOTTOM OF THE TRENCH, REMOVE ALL

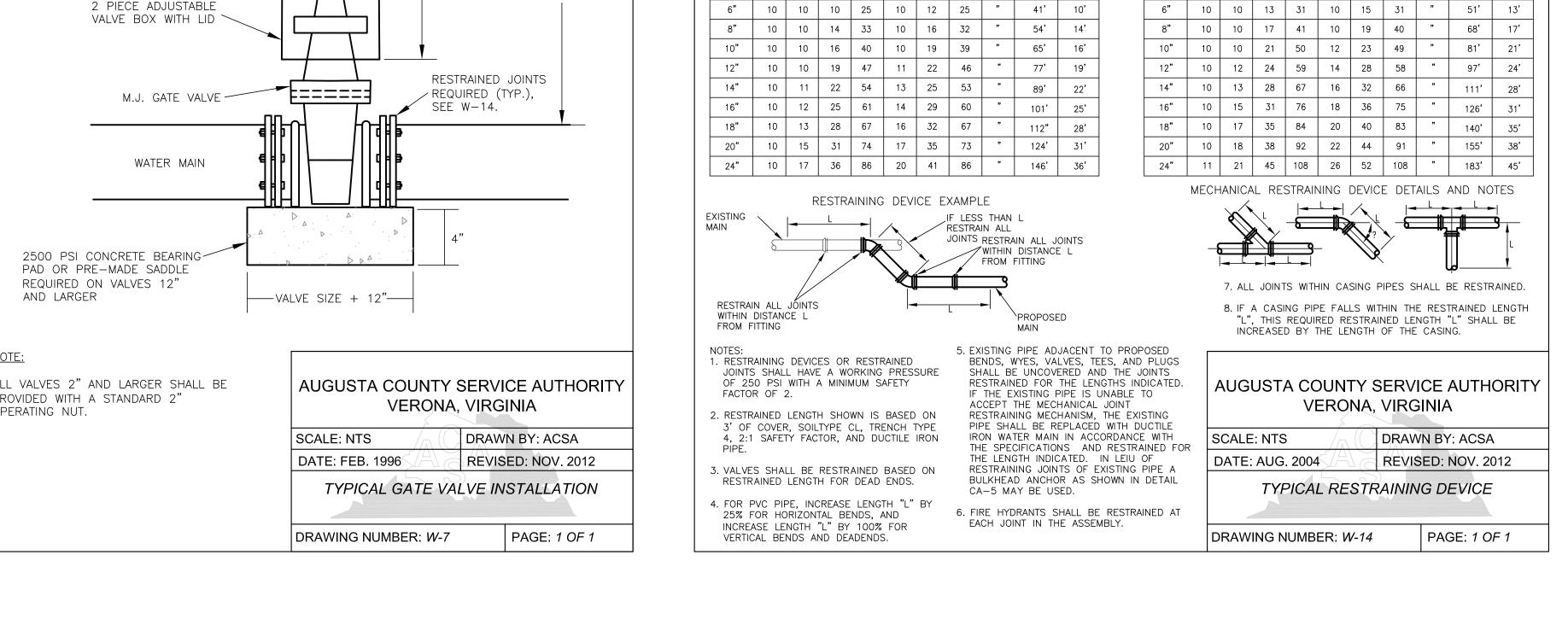
ON ROCK, THEN COMPACT THE SOIL.

IN DEEPER TRENCHES.



AUGUSTA COUNTY





VIRGINIA

Portz , L.L.C. 20 MIDWAY PLAZA DRIVE - SUITE 100

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