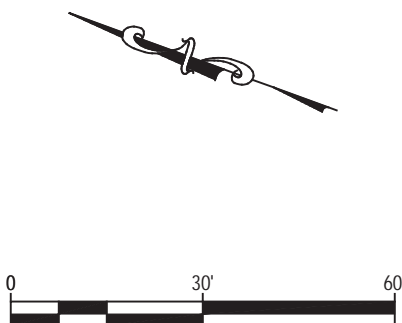


DelDOT
 REVIEWED FOR
 GENERAL
 CONFORMITY
 Nov. 07, 2022



N/F LANDS OF
 GHULAM DASTGIR LLC
 131-10.00-82.00

N/F LANDS OF
 TOSA INC
 131-10.00-81.01

N/F LANDS OF
 MURTAZA GHULAM
 131-10.00-81.04

N/F LANDS OF
 KULP JANICE LYNN TTEE
 131-11.00-16.00

N/F LANDS OF
 KULP JANICE LYNN TTEE
 131-10.00-102.00

N/F LANDS OF
 JENNIFER L. KEIM
 131-14.00-37.00

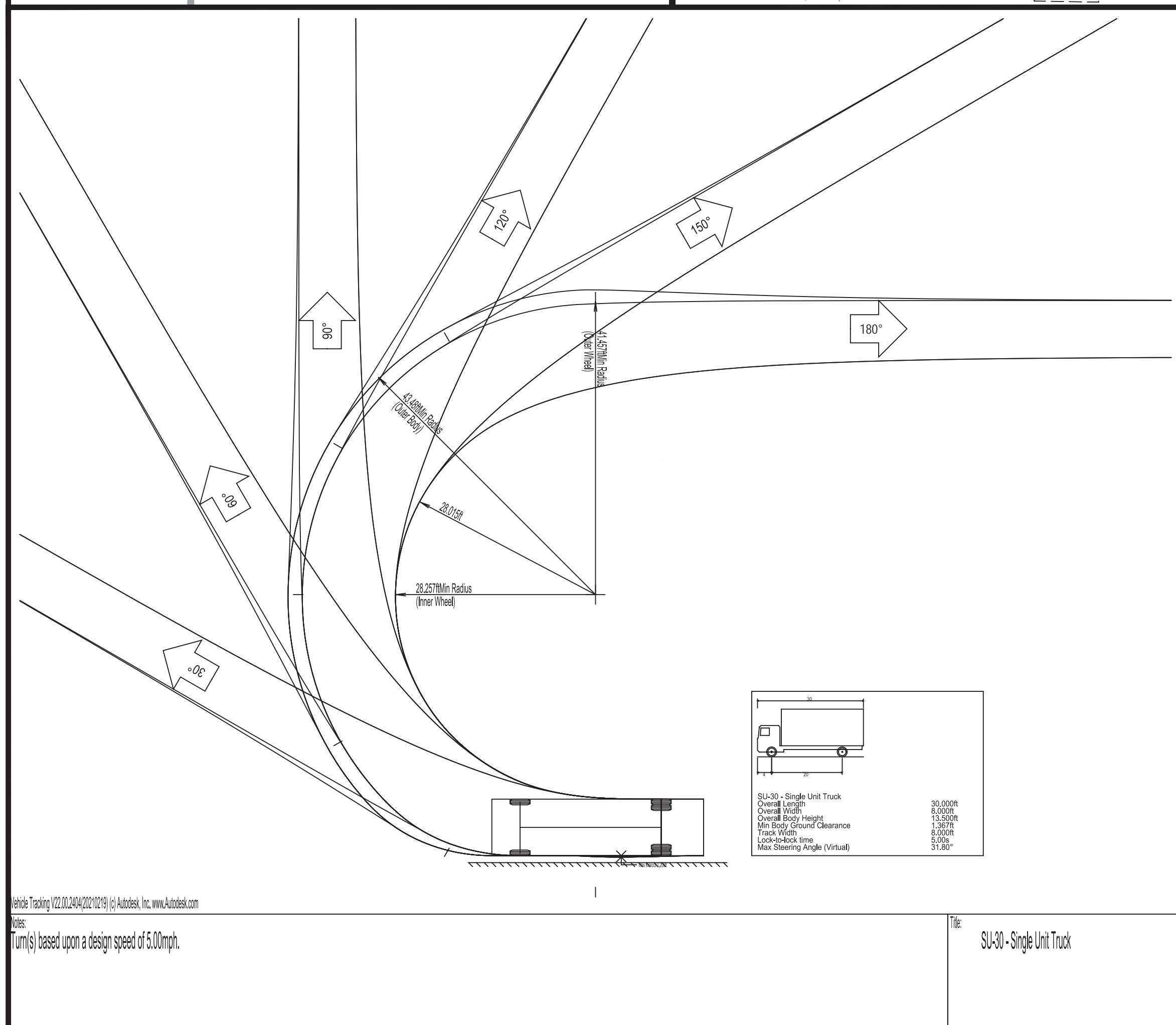
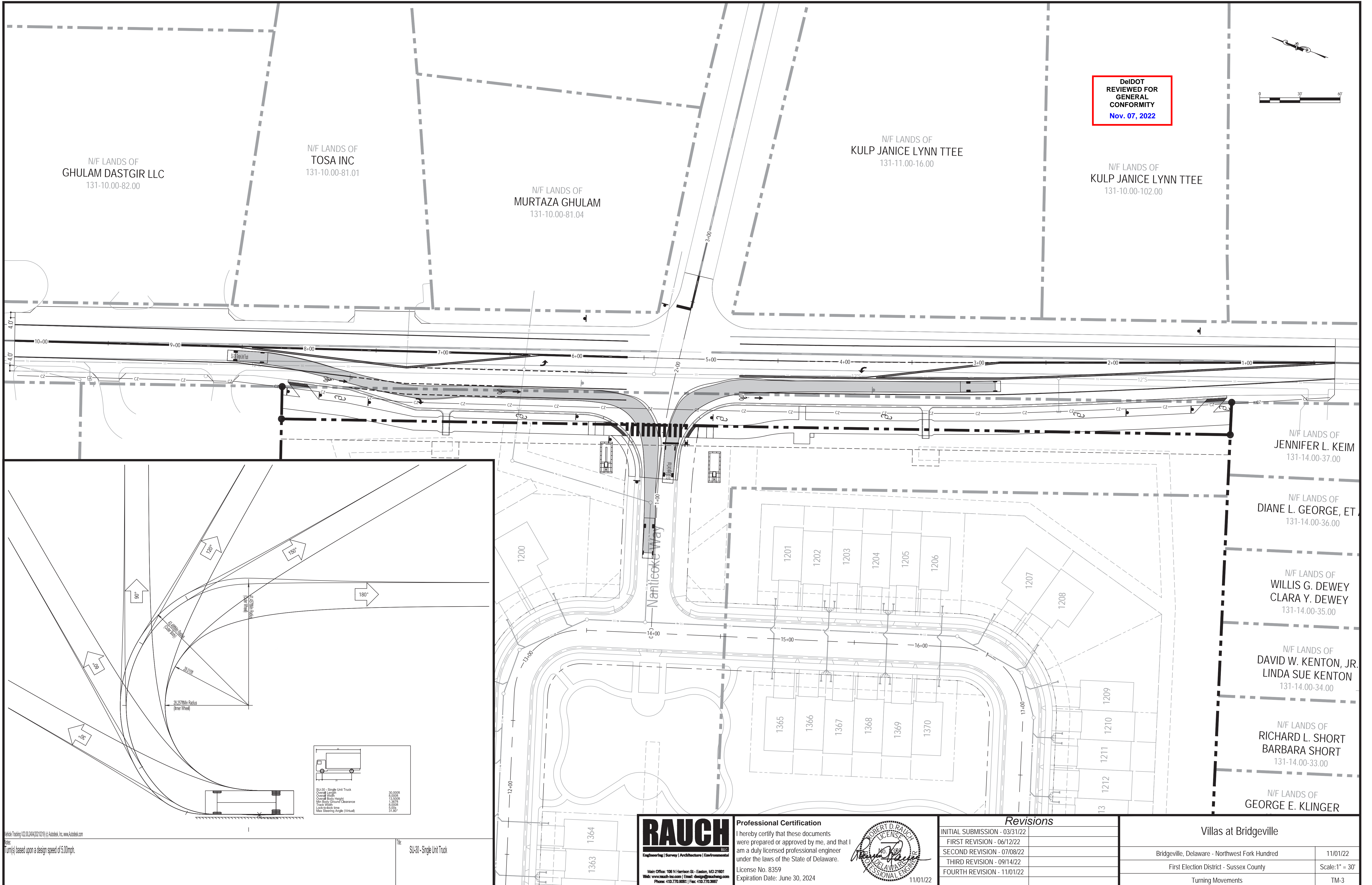
N/F LANDS OF
 DIANE L. GEORGE, ET
 131-14.00-36.00

N/F LANDS OF
 WILLIS G. DEWEY
 CLARA Y. DEWEY
 131-14.00-35.00

N/F LANDS OF
 DAVID W. KENTON, JR.
 LINDA SUE KENTON
 131-14.00-34.00

N/F LANDS OF
 RICHARD L. SHORT
 BARBARA SHORT
 131-14.00-33.00

N/F LANDS OF
 GEORGE E. KLINGER



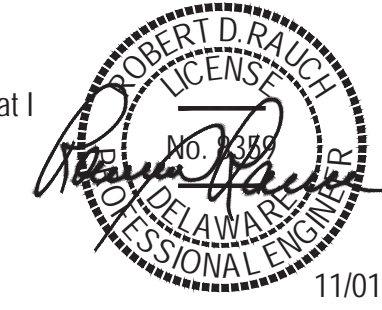
SU-30 - Single Unit Truck	20.000'
Overall Length	11.000'
Overall Body Height	1.300'
Min Body Ground Clearance	1.300'
Track Width	8.000'
Look-ahead time	5.000'
Max Steering Angle (Visual)	31.00°

Vehicle Tracking 12/10/2014 2:02:12 (c) Autodesk, Inc. www.autodesk.com
 Files:
 Turns(s) based upon a design speed of 5.00mph.

SU-30 - Single Unit Truck

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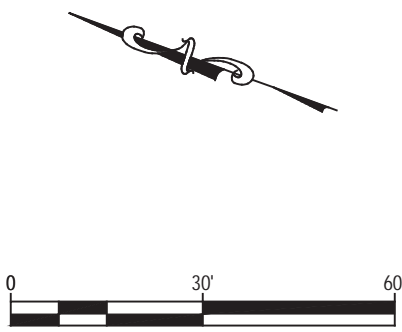
Professional Certification
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Delaware.
 License No. 8359
 Expiration Date: June 30, 2024



Revisions	
INITIAL SUBMISSION - 03/31/22	
FIRST REVISION - 06/12/22	
SECOND REVISION - 07/08/22	
THIRD REVISION - 09/14/22	
FOURTH REVISION - 11/01/22	

Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: 1" = 30'
Turning Movements	TM-3

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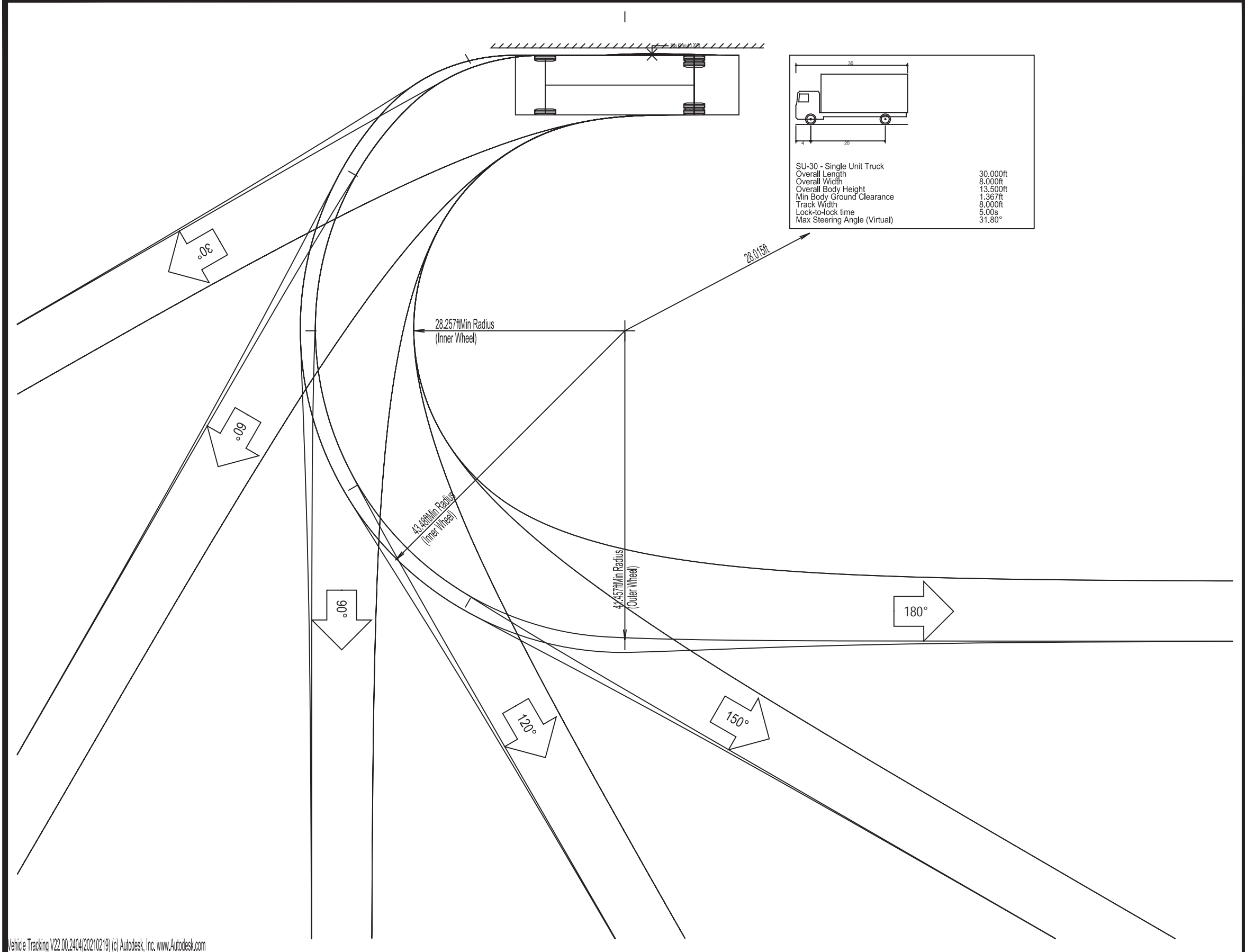
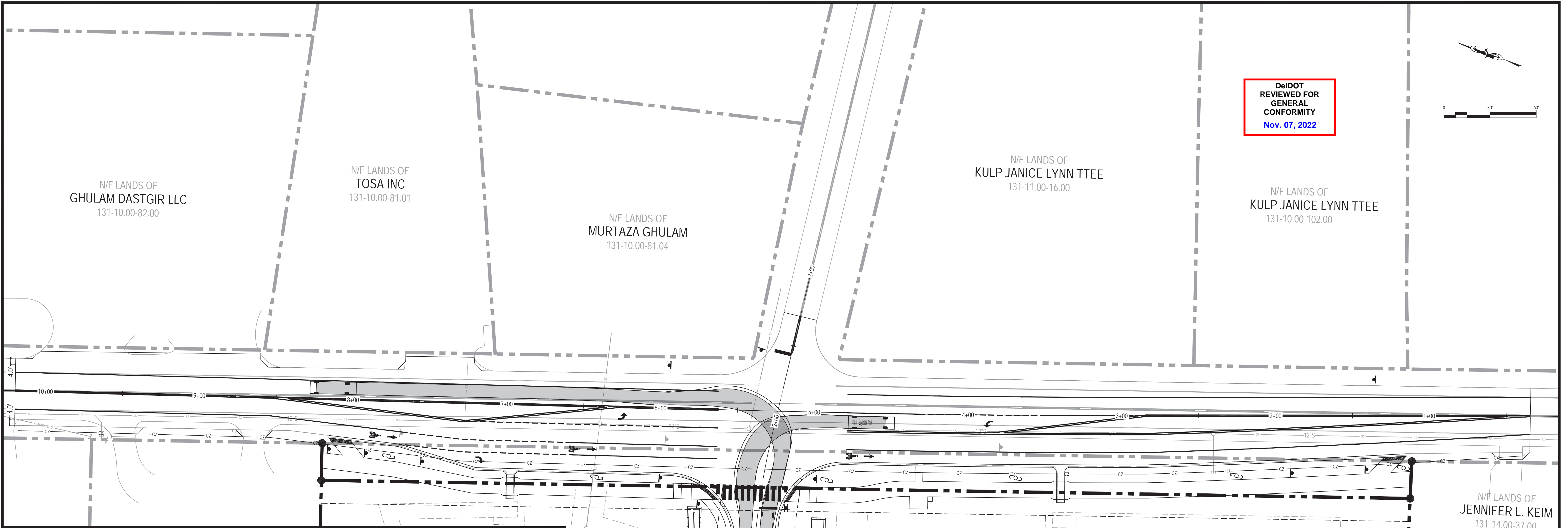
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RICHARD L. SHORT
BARBARA SHORT
131-14.00-33.00

N/F LANDS OF
GEORGE E. KLINGER



SU-30 - Single Unit Truck	
Overall Length	20.000'
Overall Width	8.000'
Overall Body Height	11.500'
Min Body Ground Clearance	1.300'
Track Width	6.000'
Lock-to-lock time	5.000"
Max Steering Angle (Virtual)	31.00°

Vehicle Tracking 1/22/10, 2/24/2012 (1) © Autodesk, Inc. www.autodesk.com
Notes:
Turn(s) based upon a design speed of 5.00mph.

SU-30 - Single Unit Truck

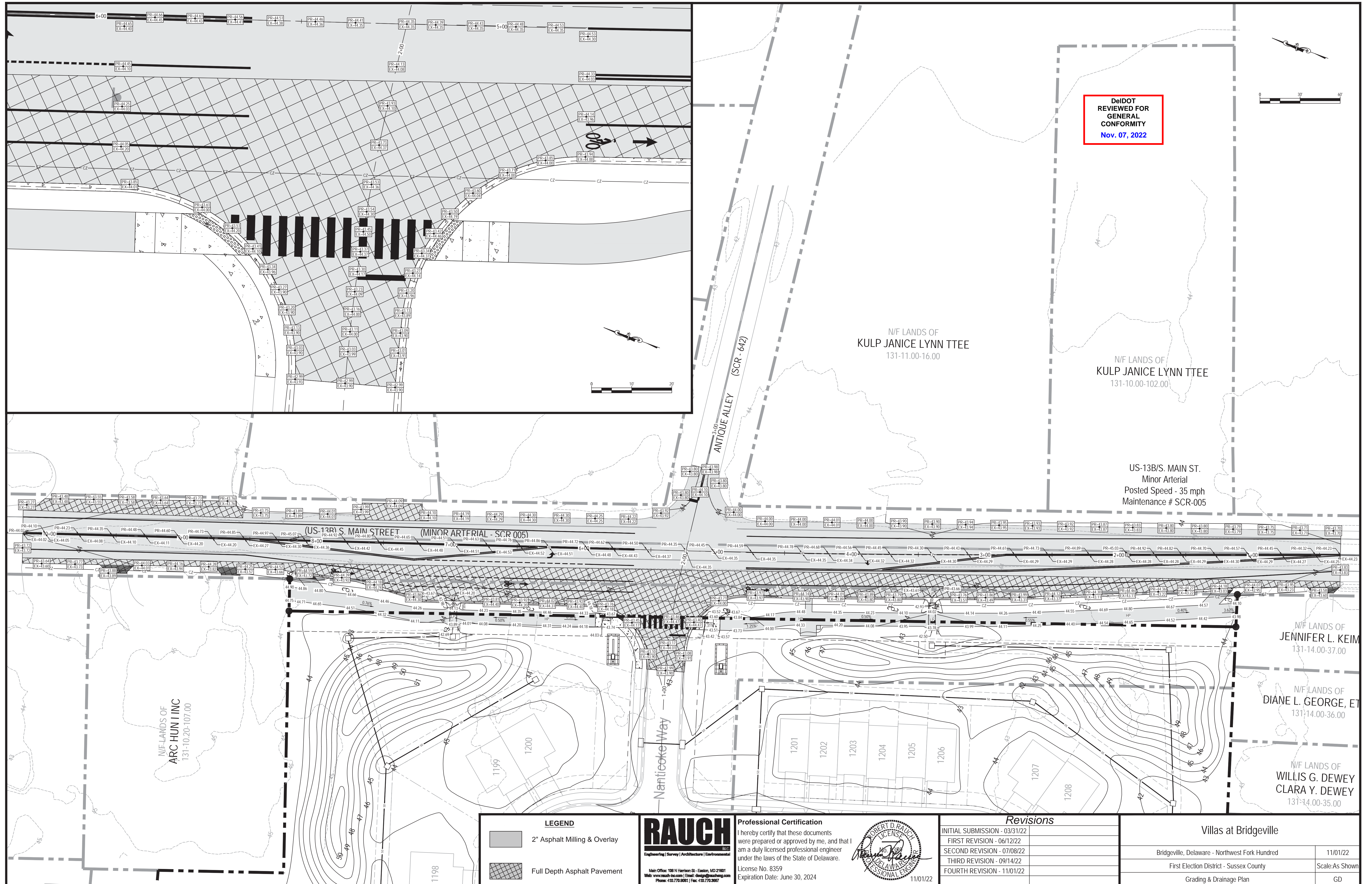
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Phone: +1-410-776-9091 | Fax: +1-410-776-9097

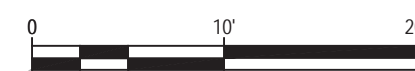
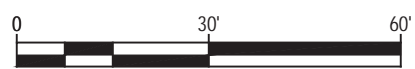
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Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: 1" = 30'
Turning Movements	TM-4



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N/F LANDS OF
 KULP JANICE LYNN TTEE
 131-11.00-16.00

N/F LANDS OF
 KULP JANICE LYNN TTEE
 131-10.00-102.00

US-13B/S. MAIN ST.
 Minor Arterial
 Posted Speed - 35 mph
 Maintenance # SCR-005

(US-13B) S. MAIN STREET (MINOR ARTERIAL - SCR 005)

N/F LANDS OF
 JENNIFER L. KEIM
 131-14.00-37.00

N/F LANDS OF
 DIANE L. GEORGE, ET
 131-14.00-36.00

N/F LANDS OF
 WILLIS G. DEWEY
 CLARA Y. DEWEY
 131-14.00-35.00

LEGEND

	2" Asphalt Milling & Overlay
	Full Depth Asphalt Pavement

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License No. 8359
 Expiration Date: June 30, 2024

Robert D. Rauch
 ROBERT D. RAUCH
 LICENSED PROFESSIONAL ENGINEER
 STATE OF DELAWARE
 11/01/22

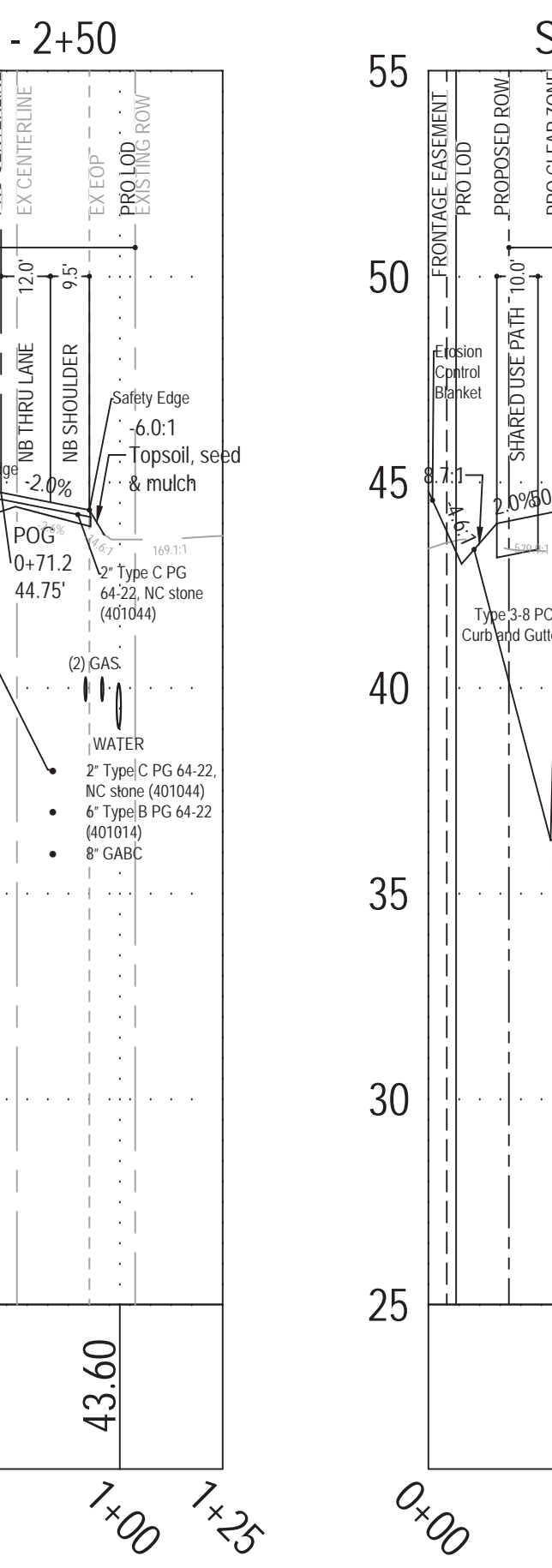
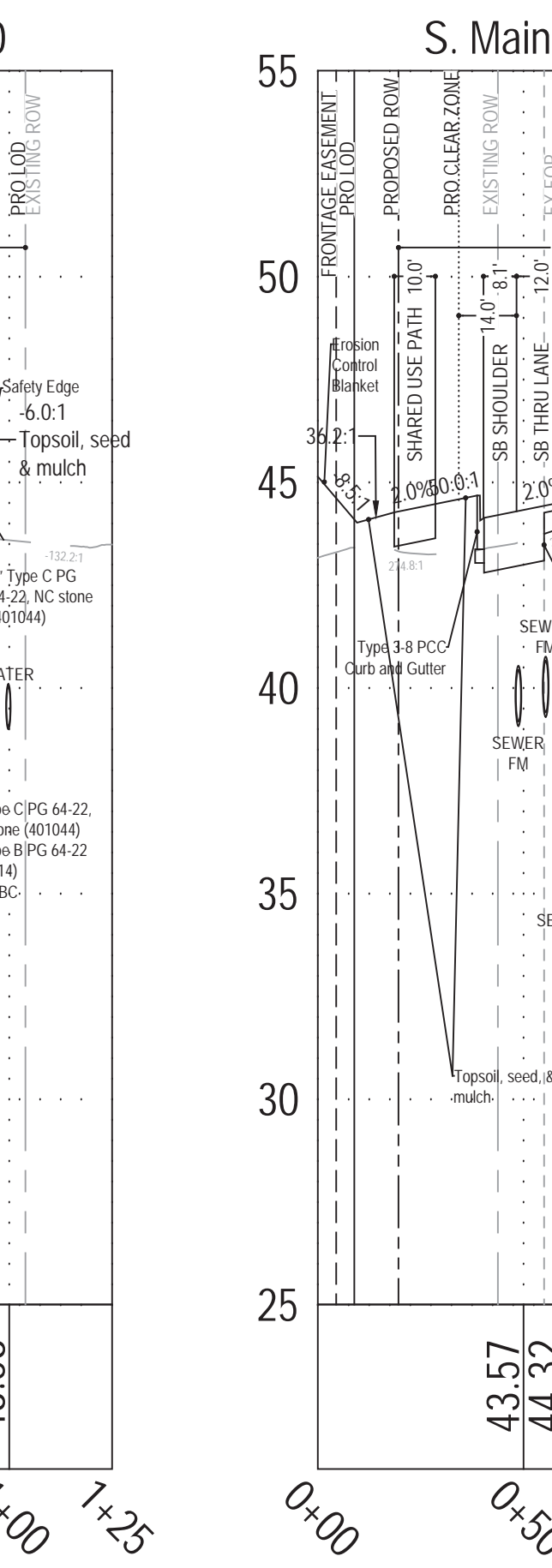
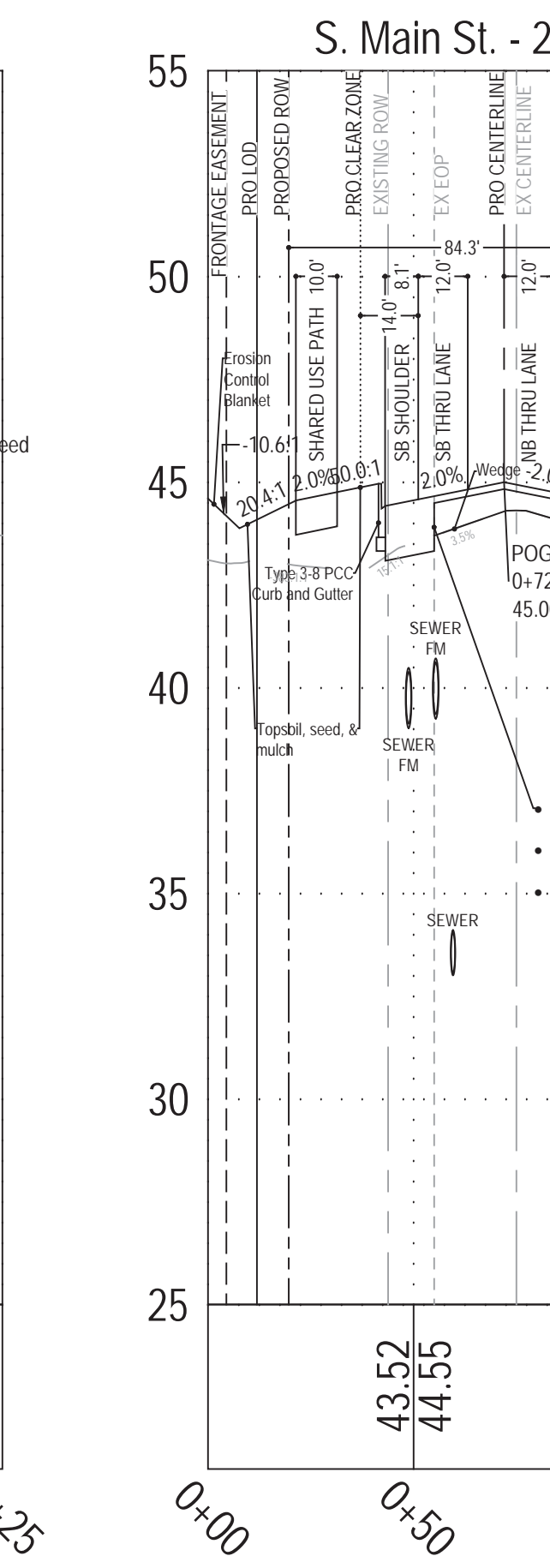
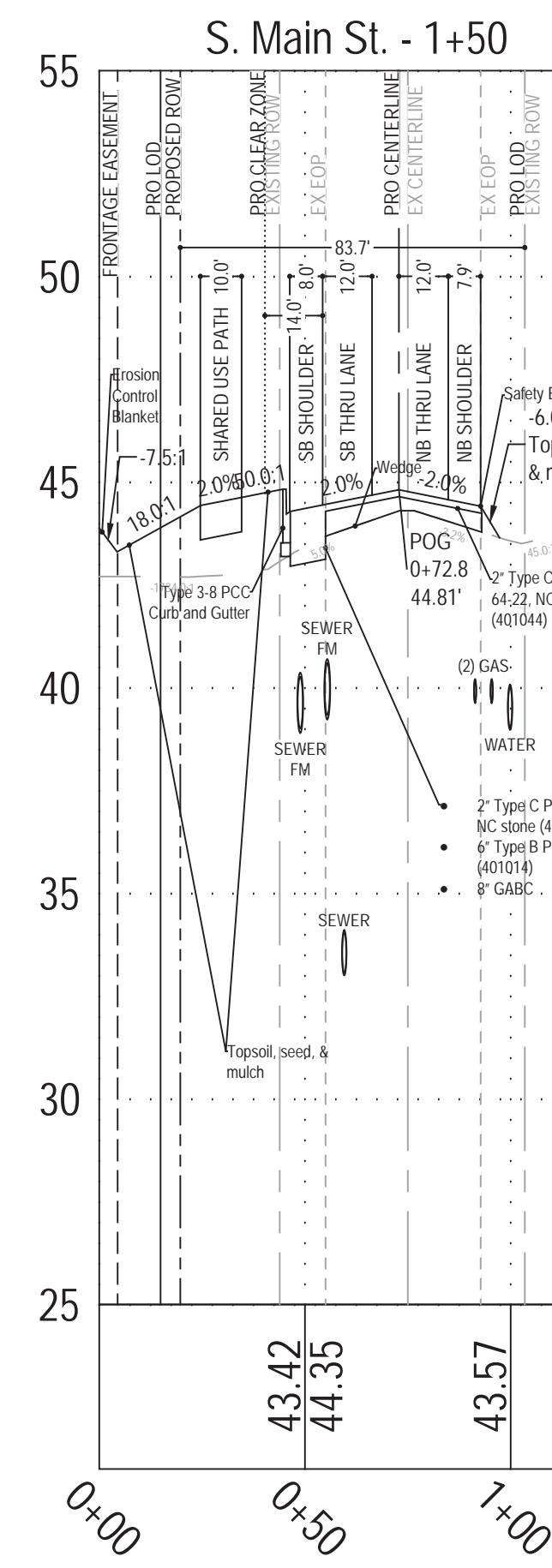
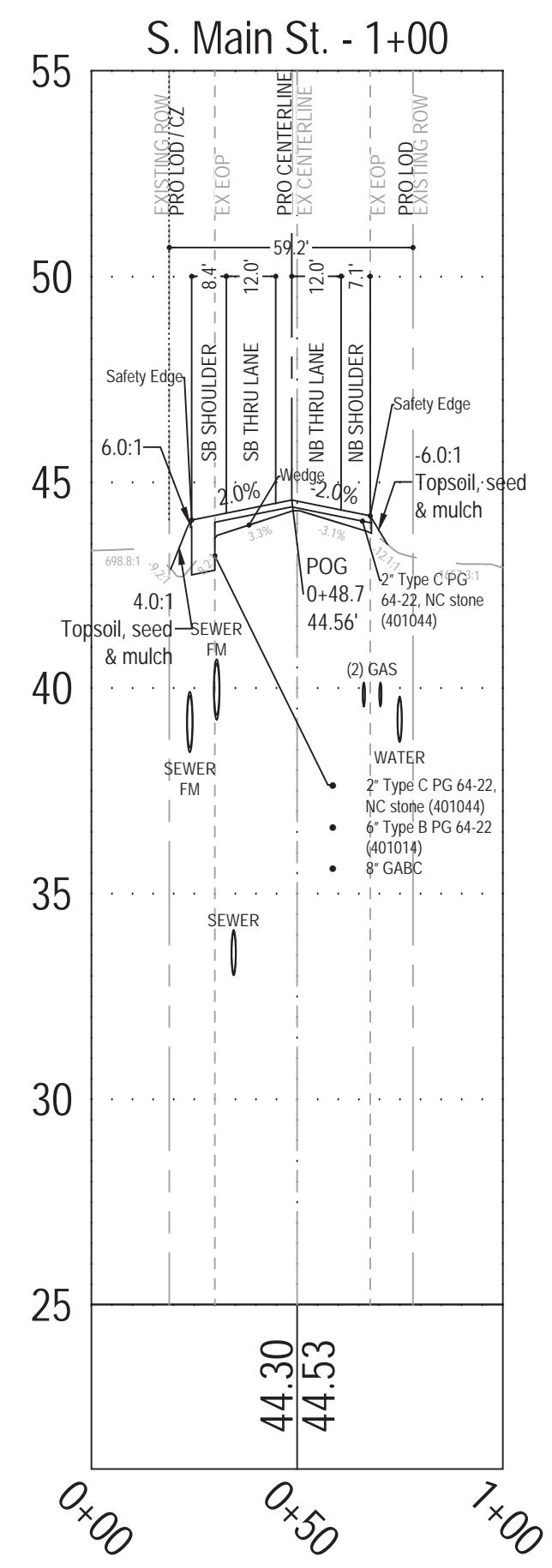
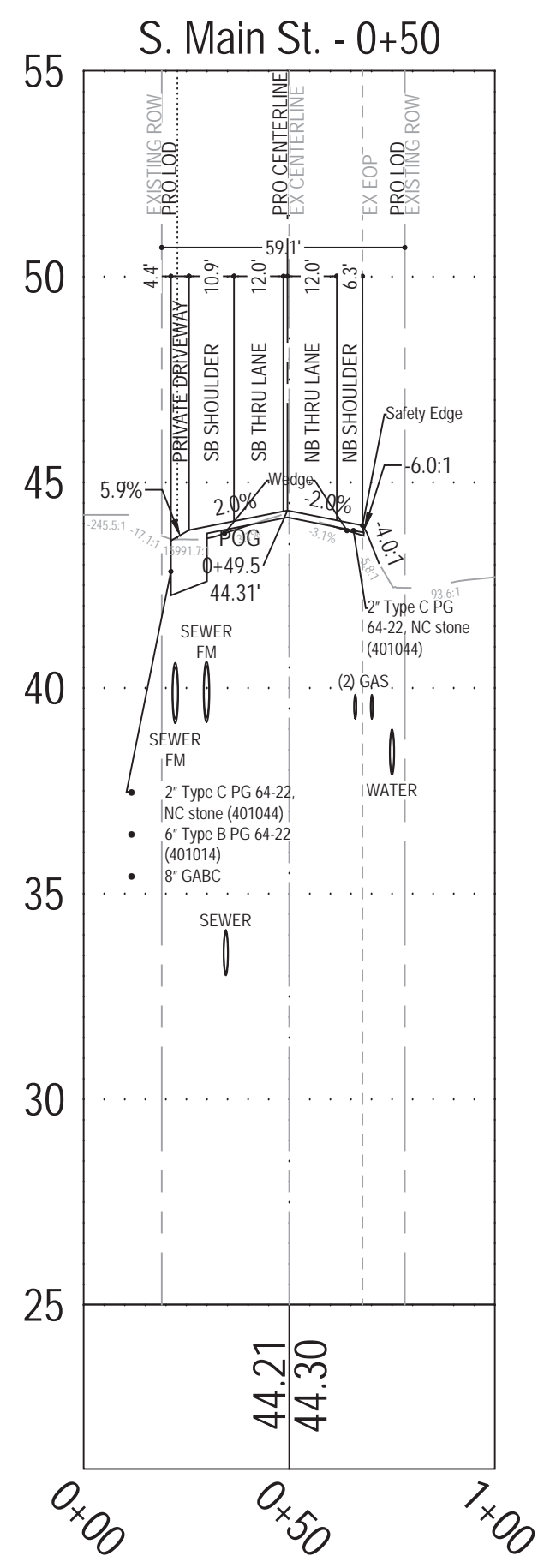
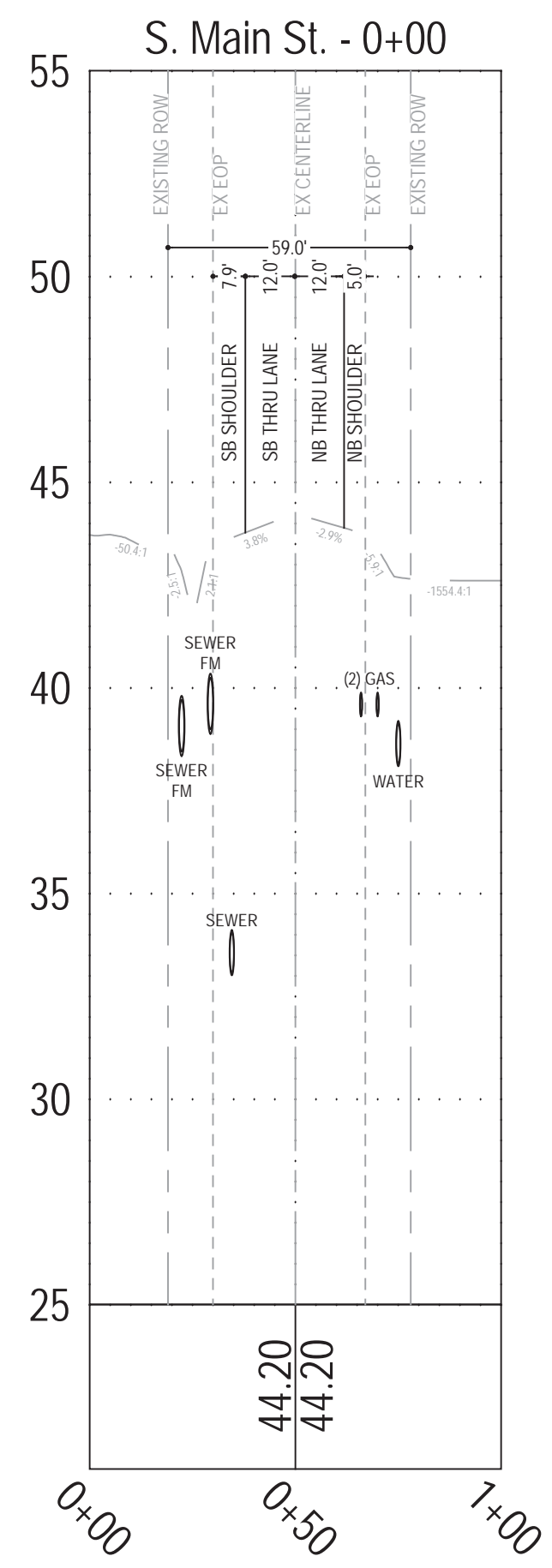
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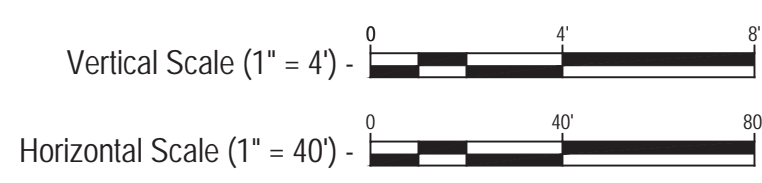
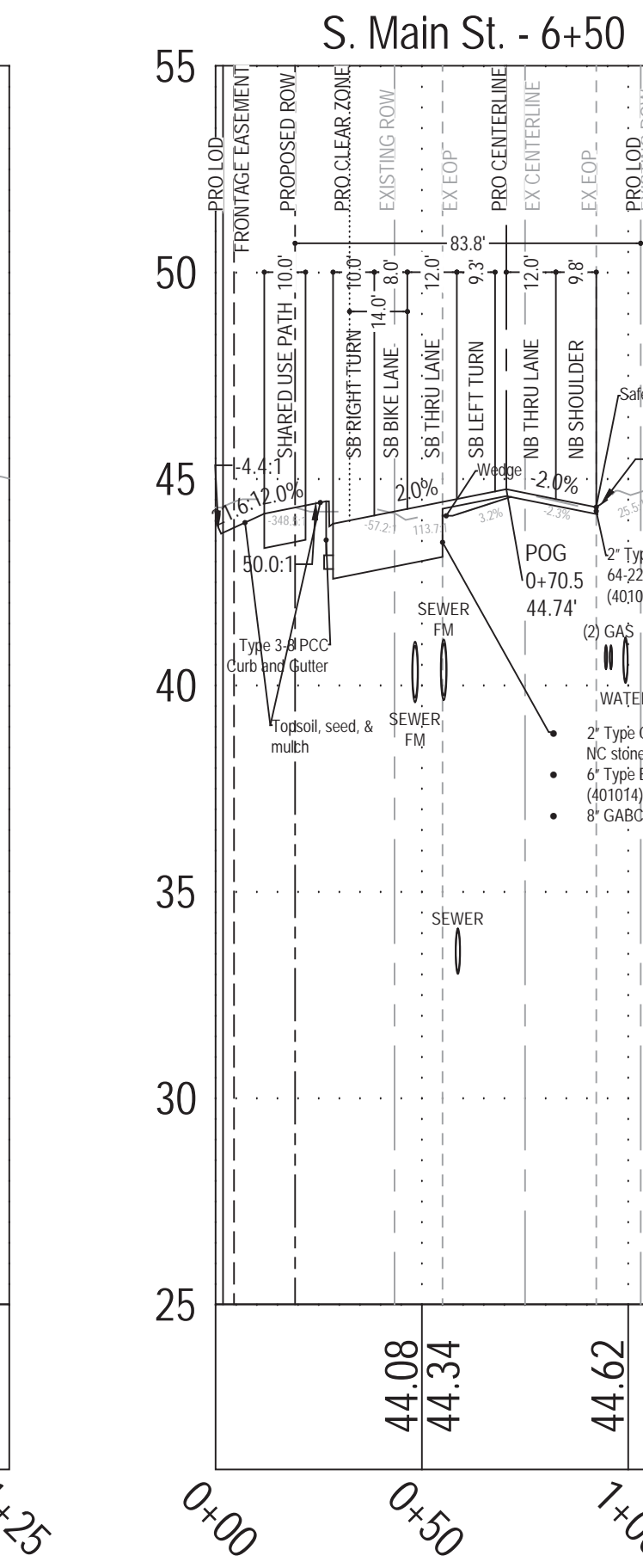
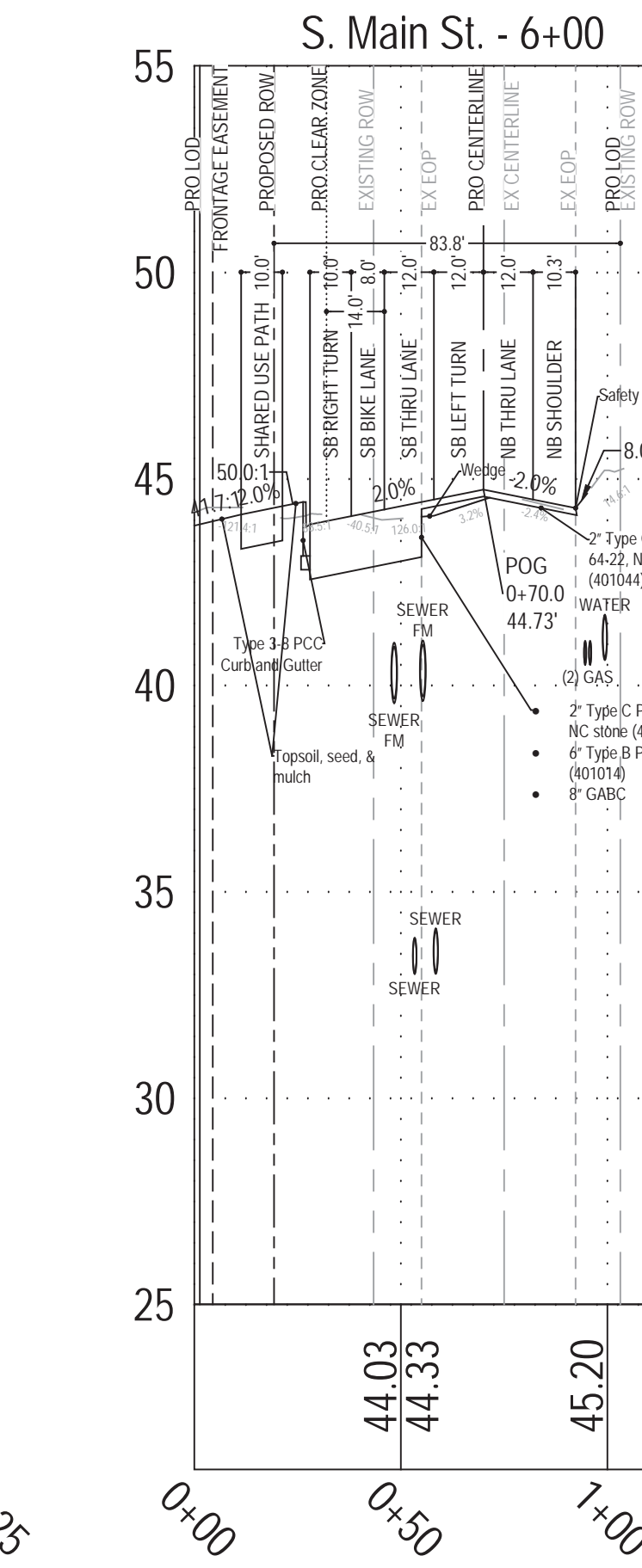
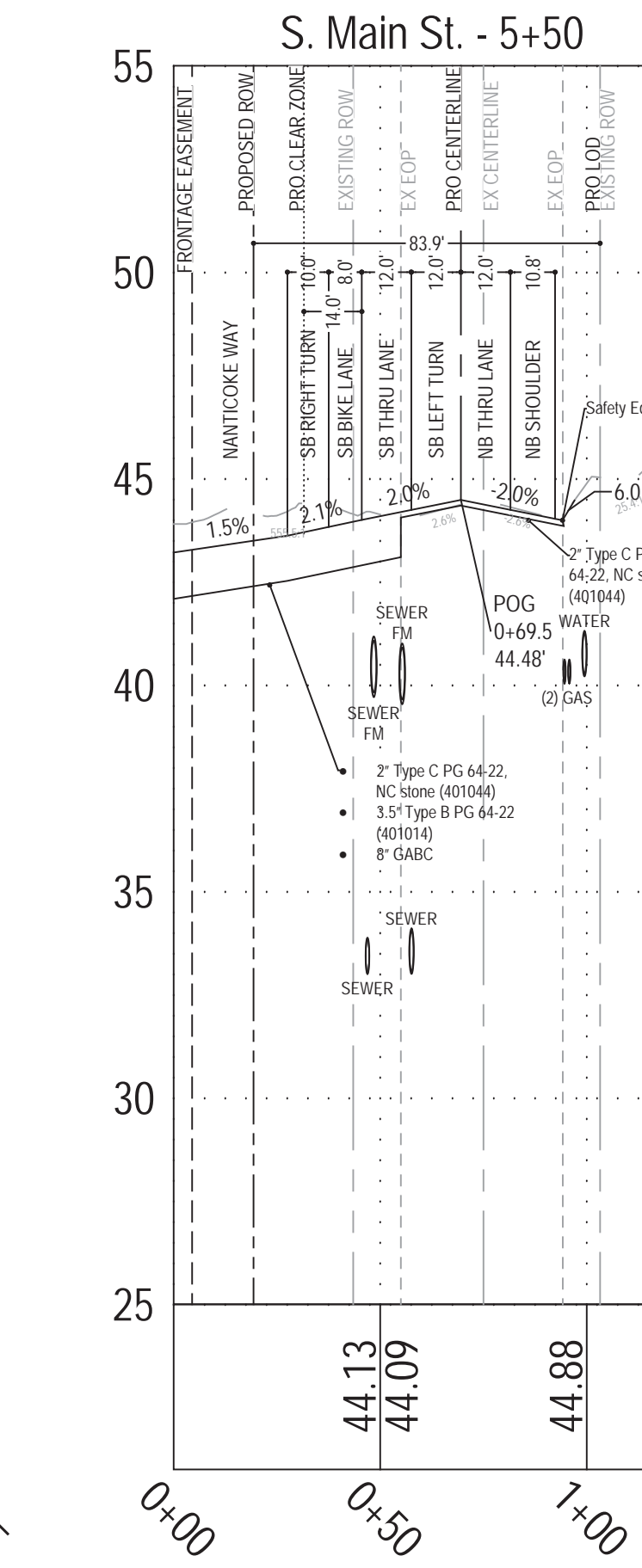
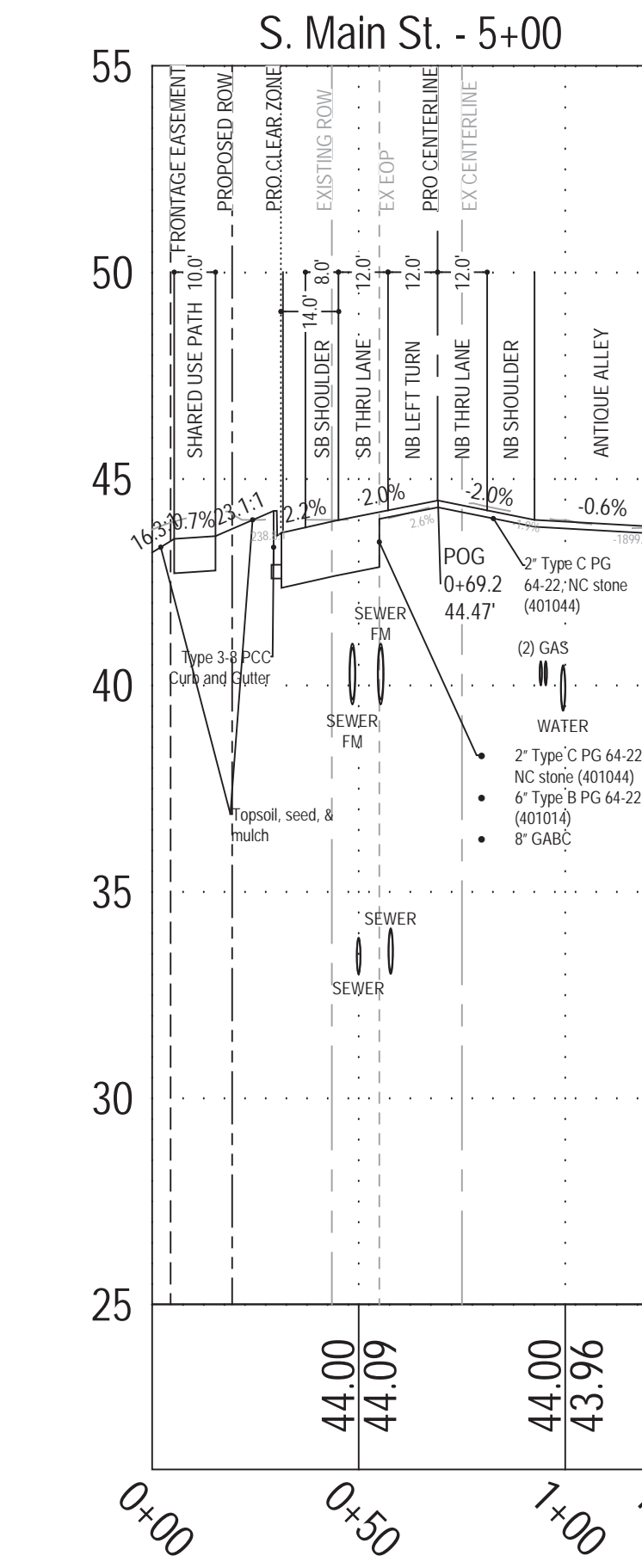
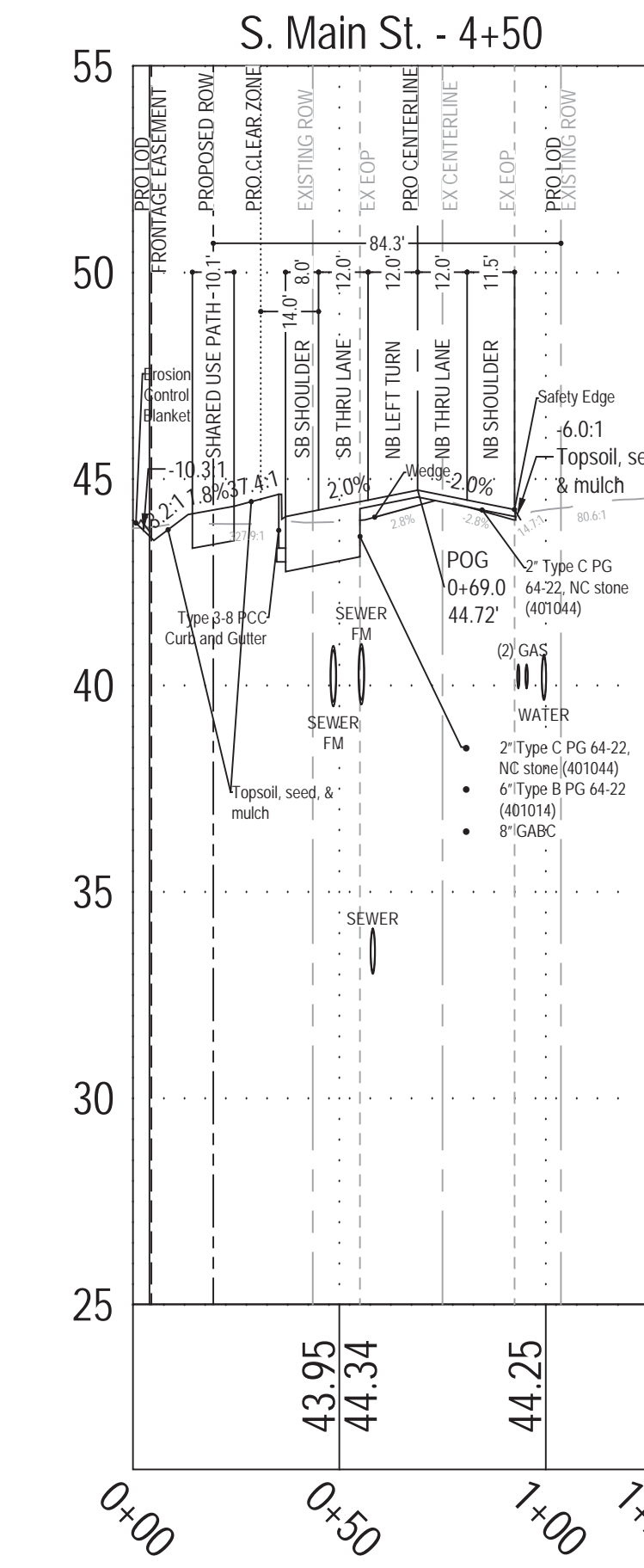
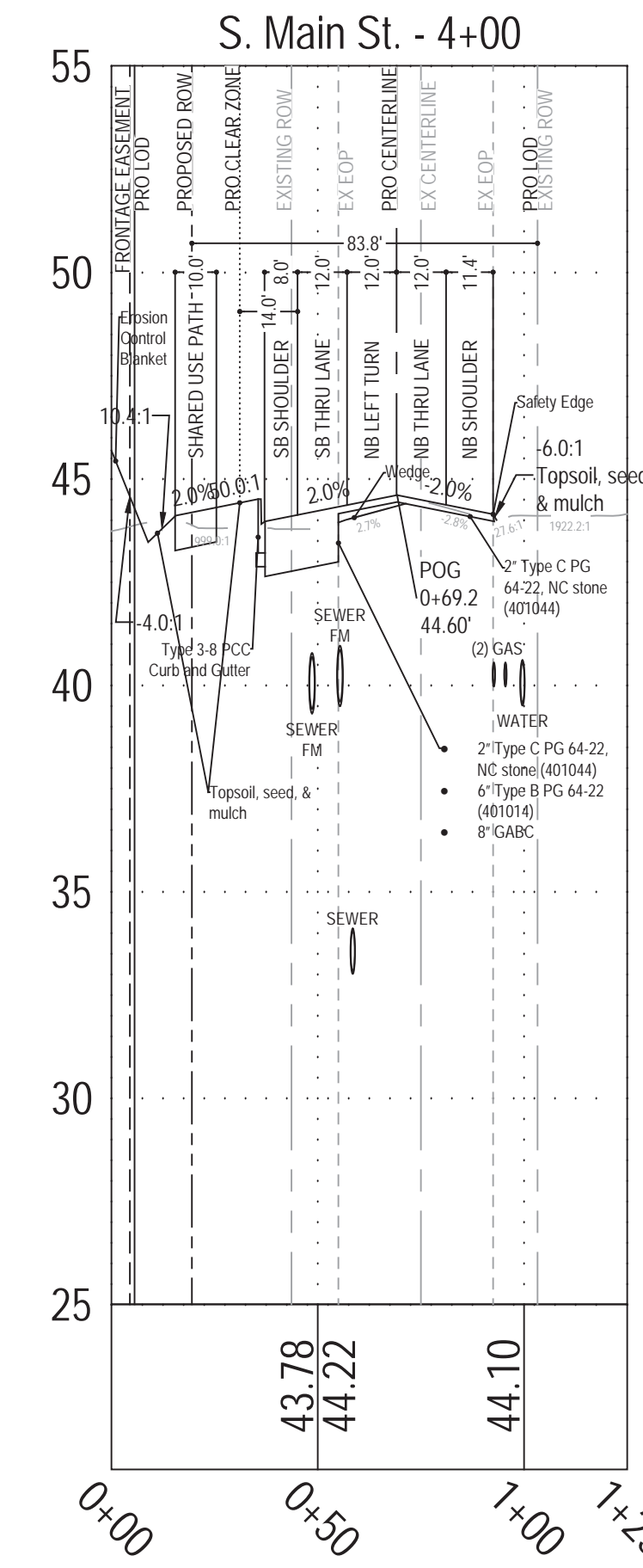
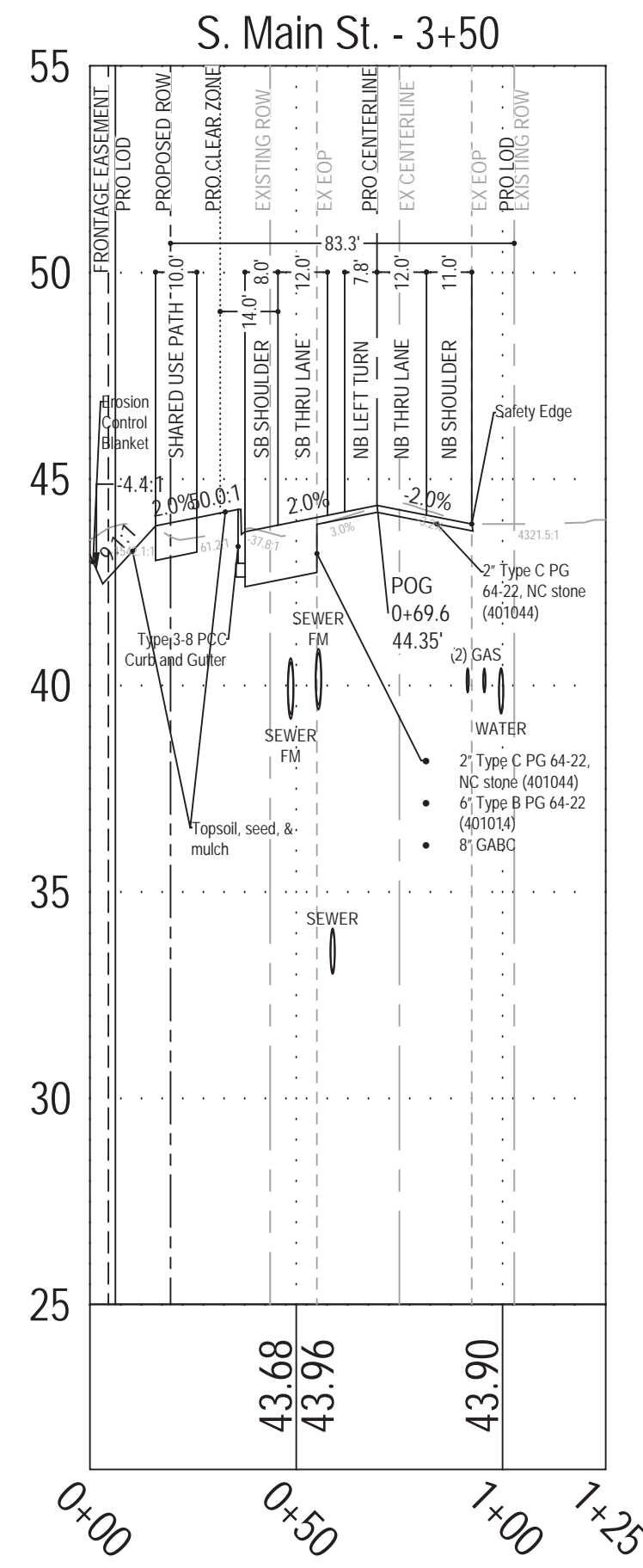
Villas at Bridgeville

Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: As Shown
Grading & Drainage Plan	GD

NOTE: DEPTH OF UTILITIES UNCONFIRMED



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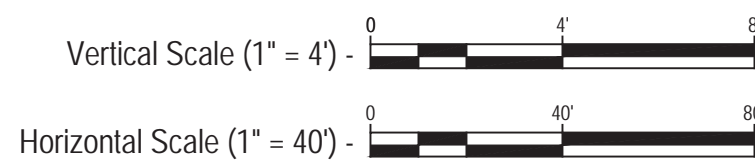
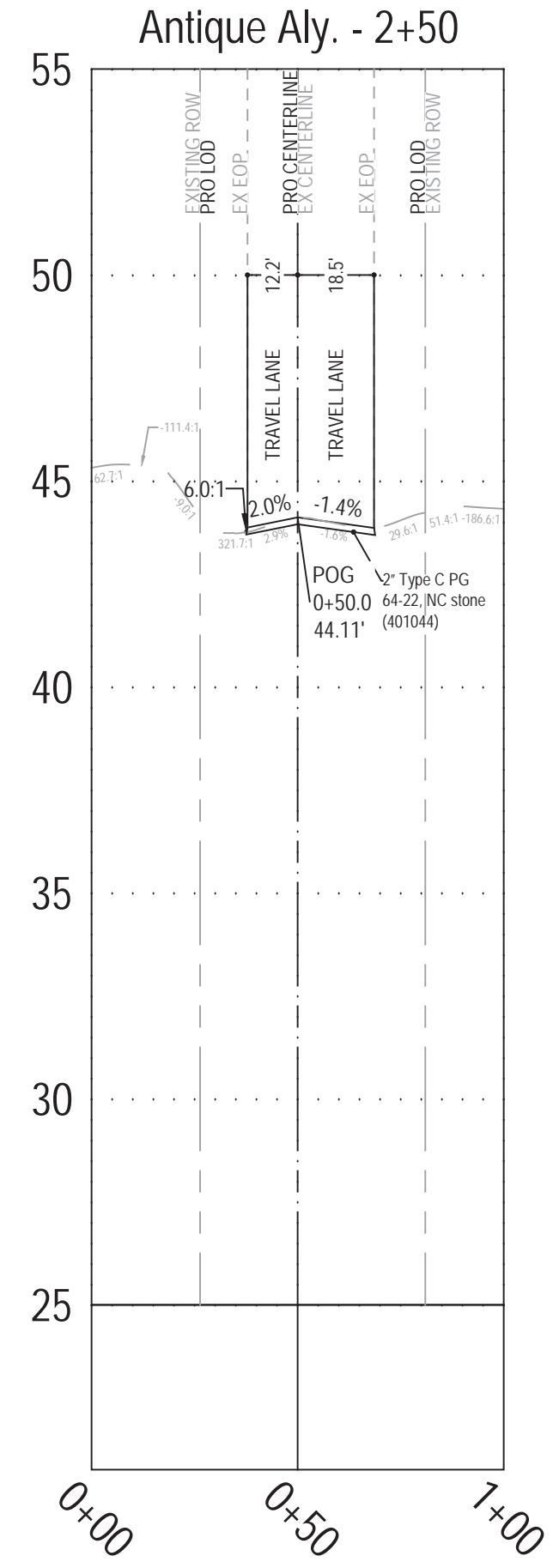
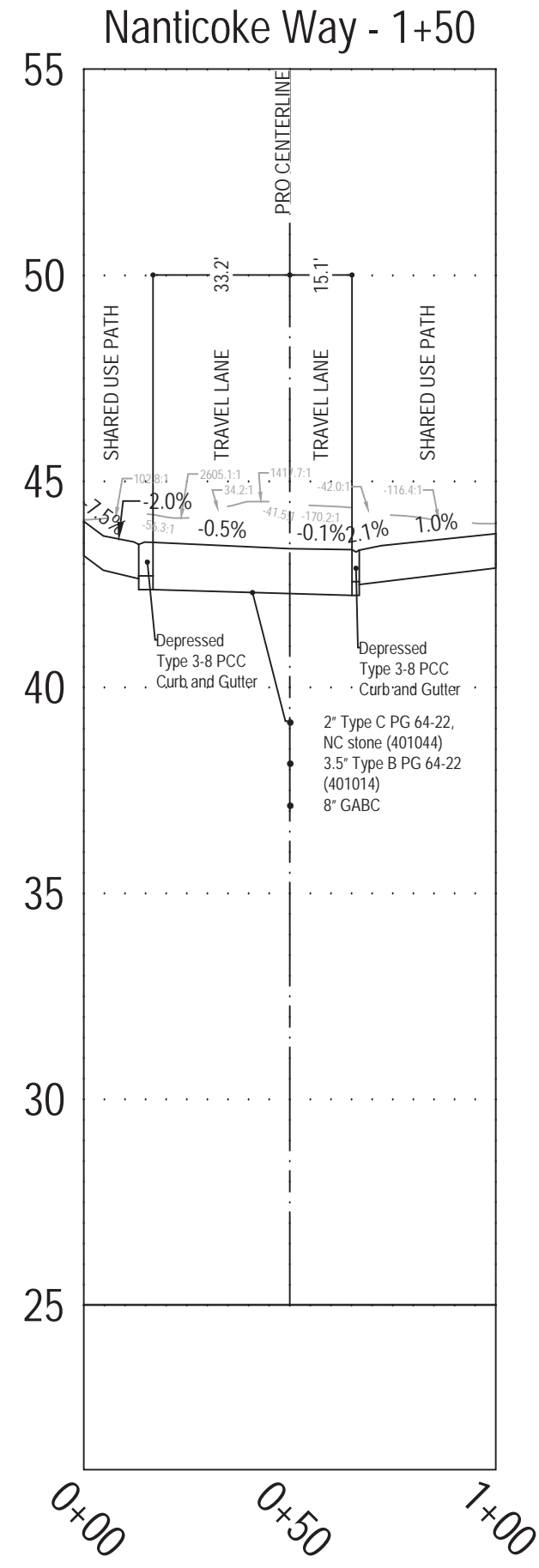
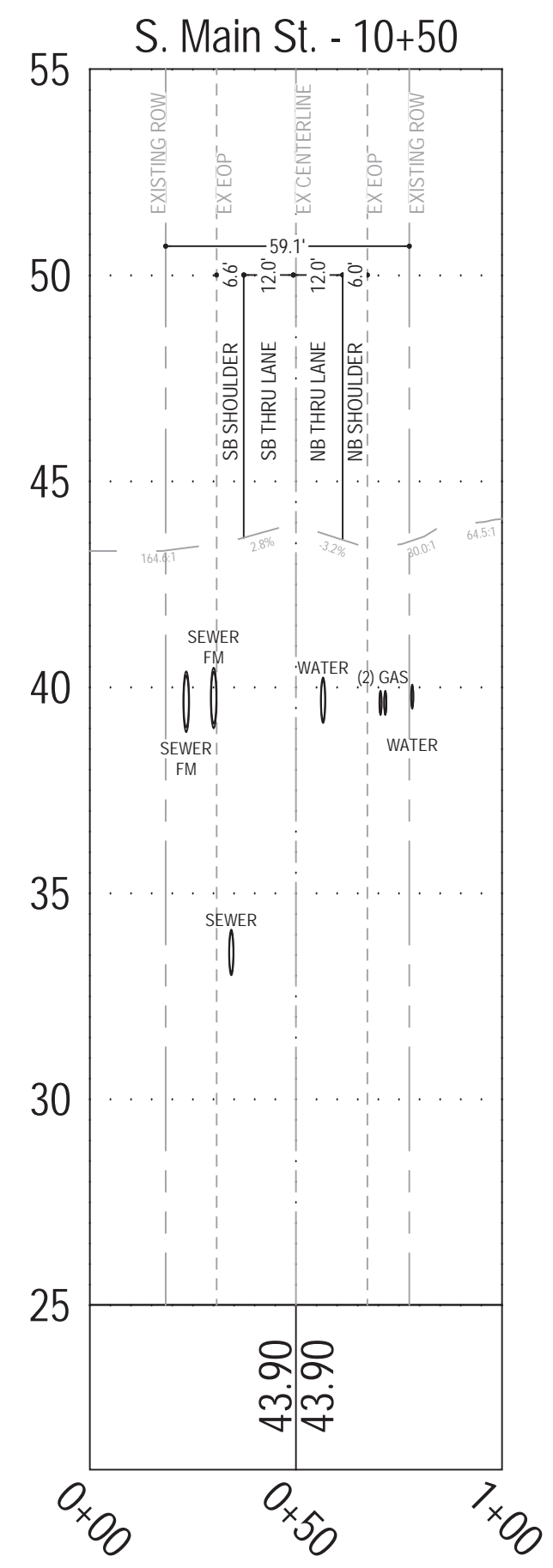
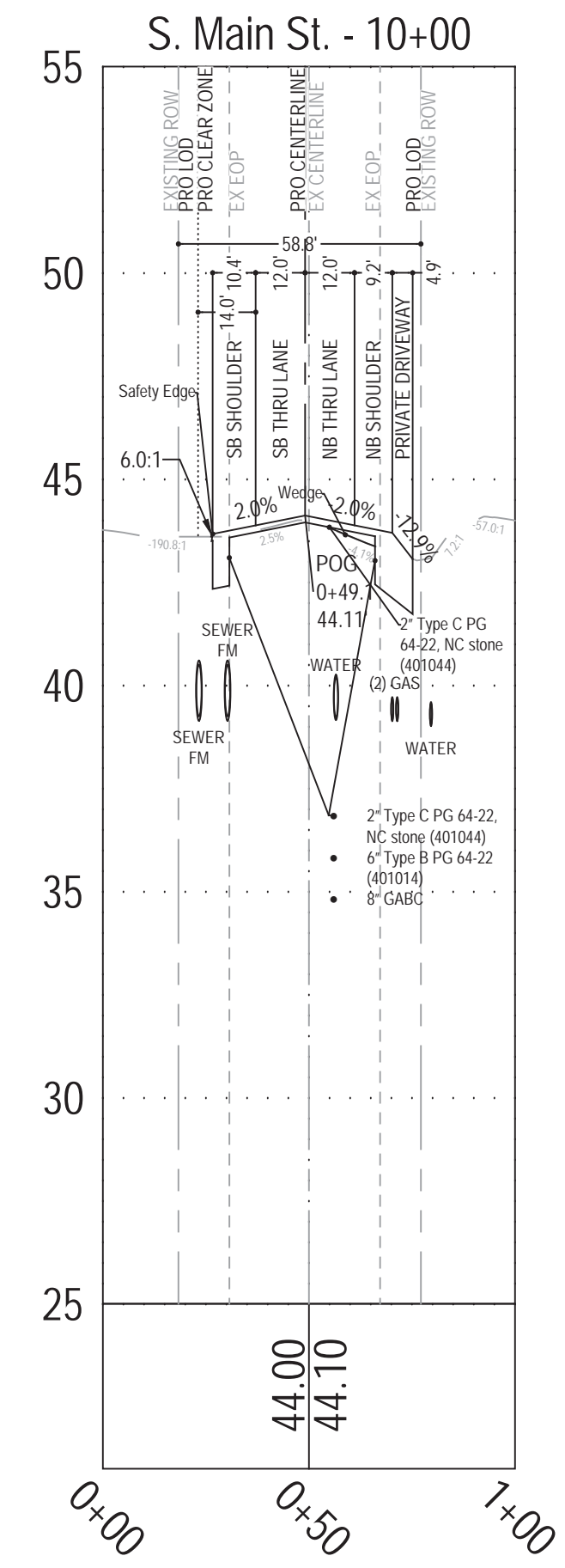
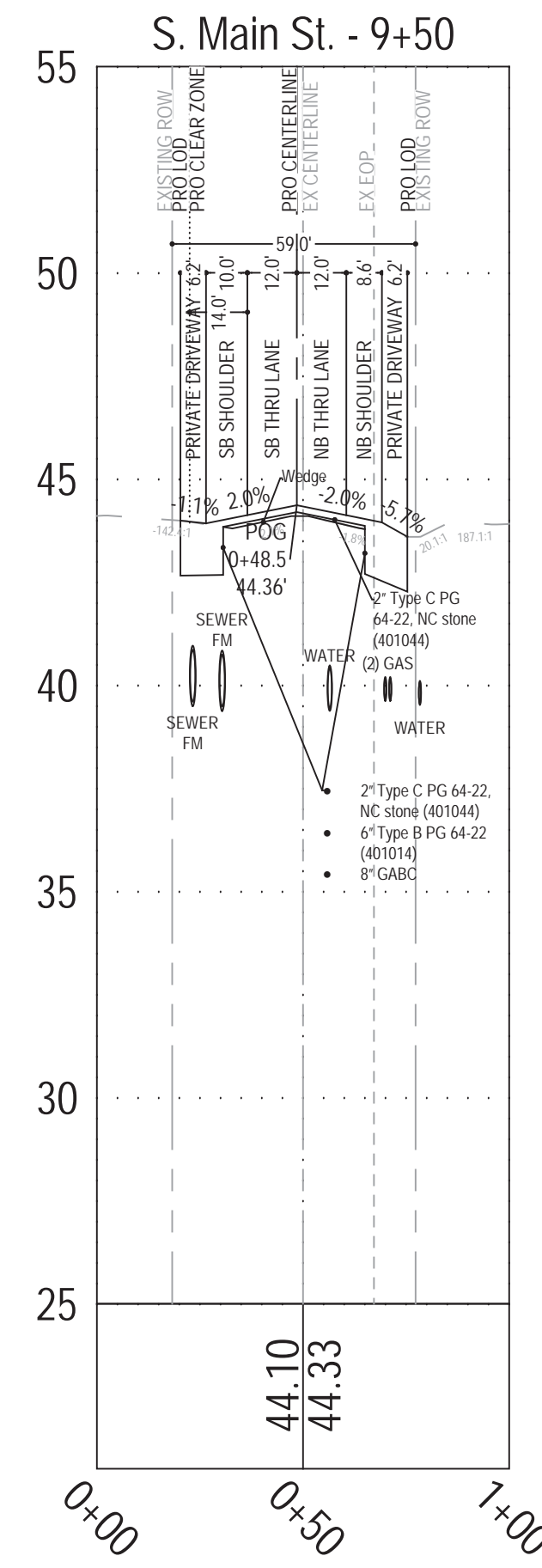
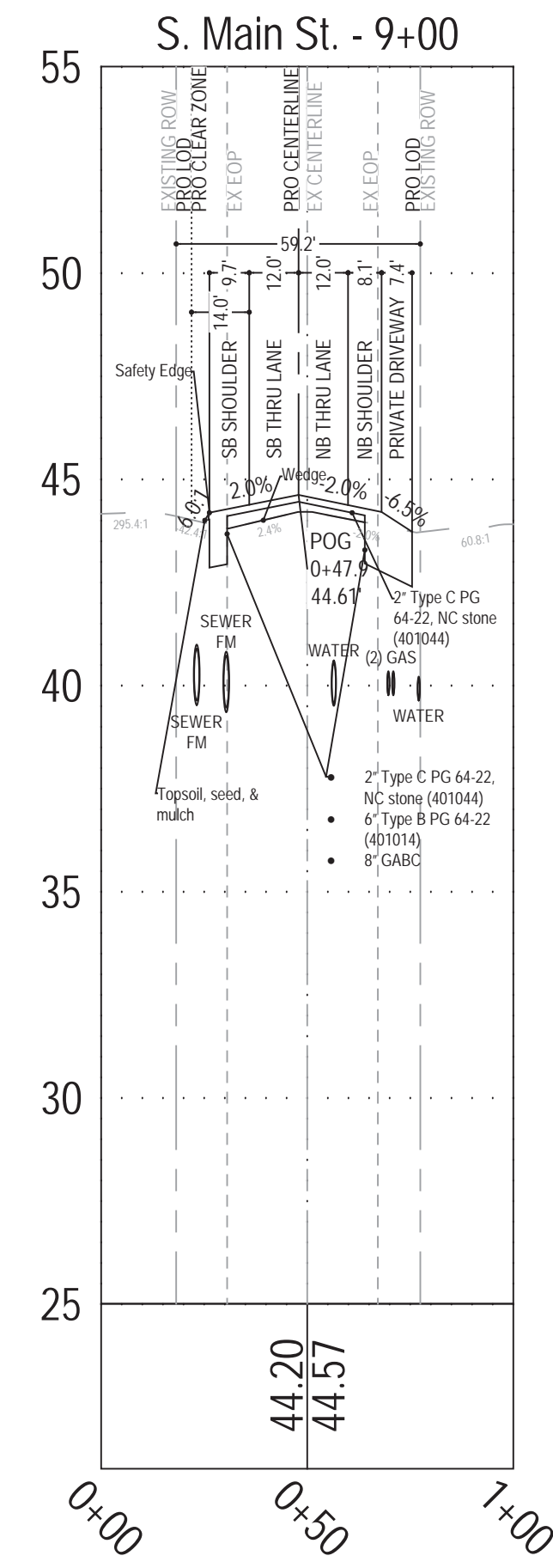
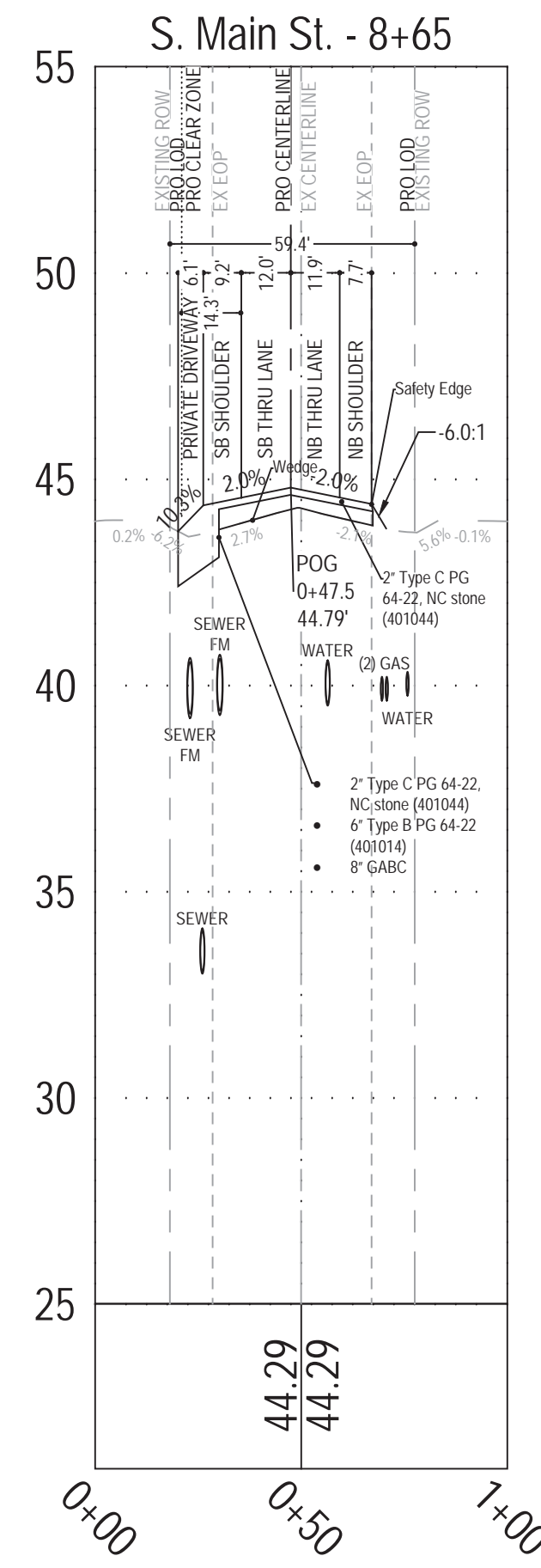
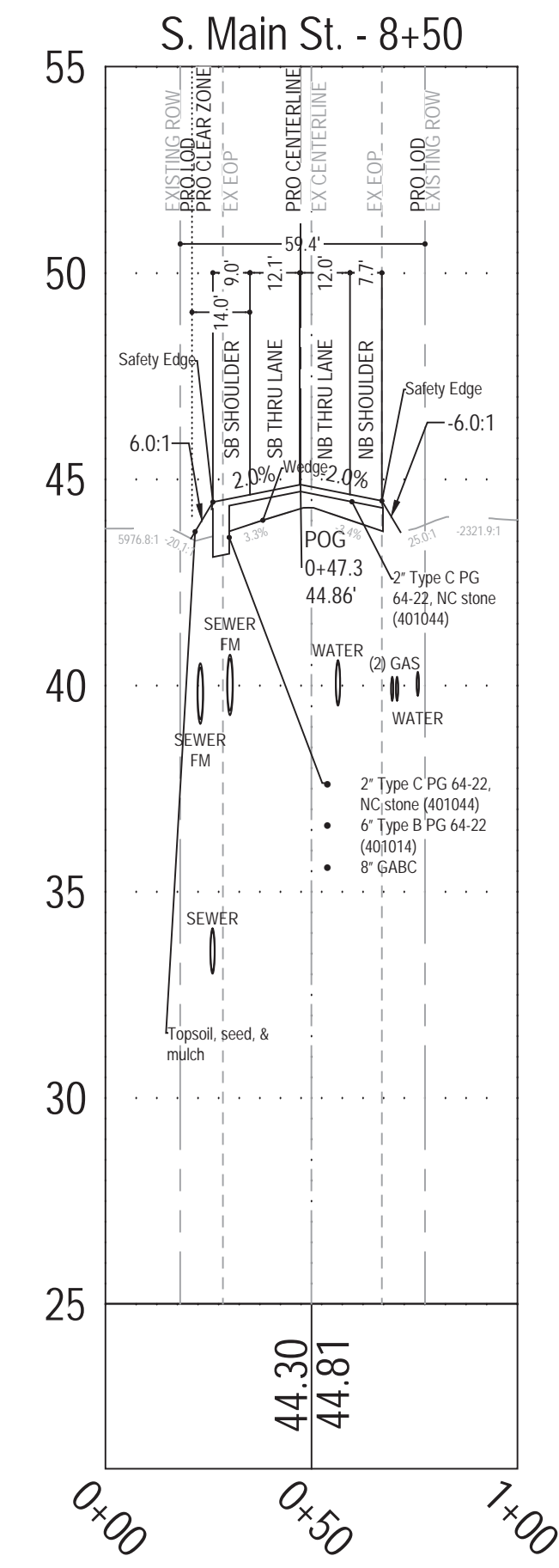
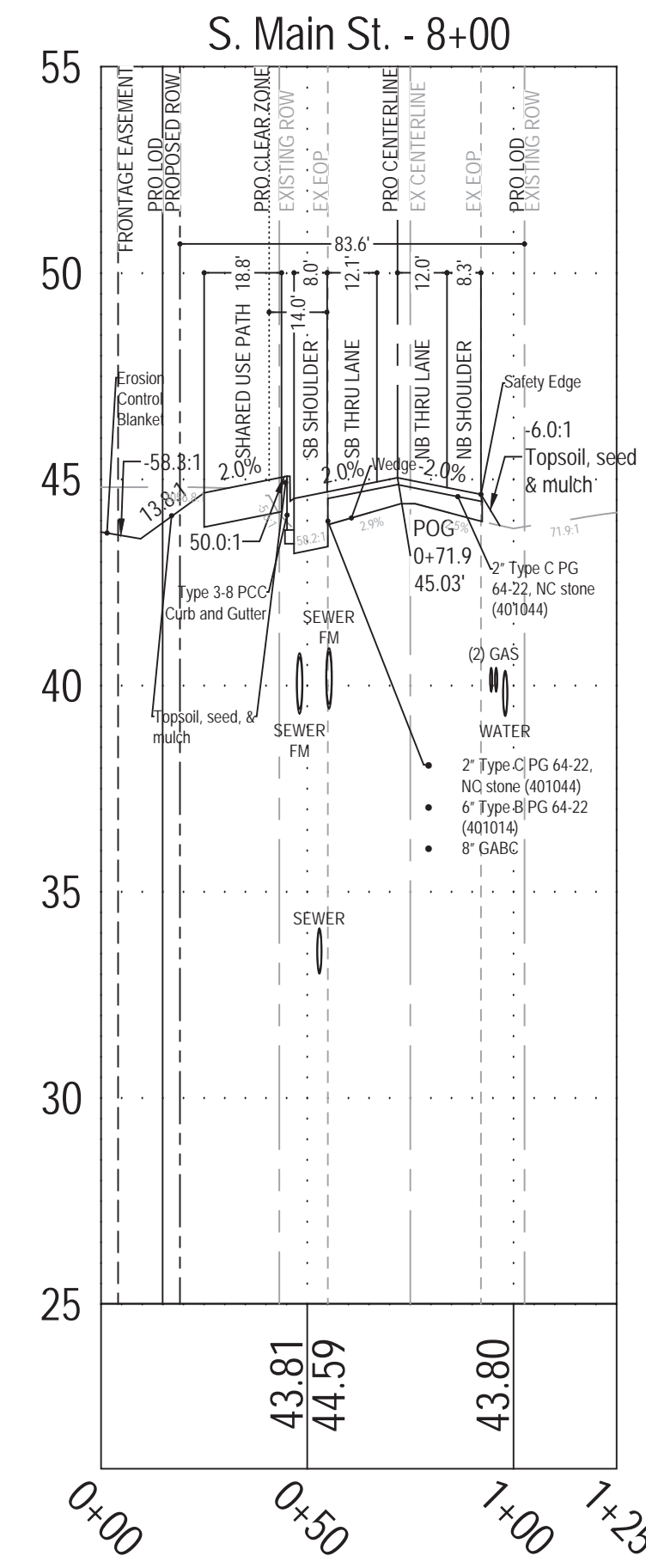
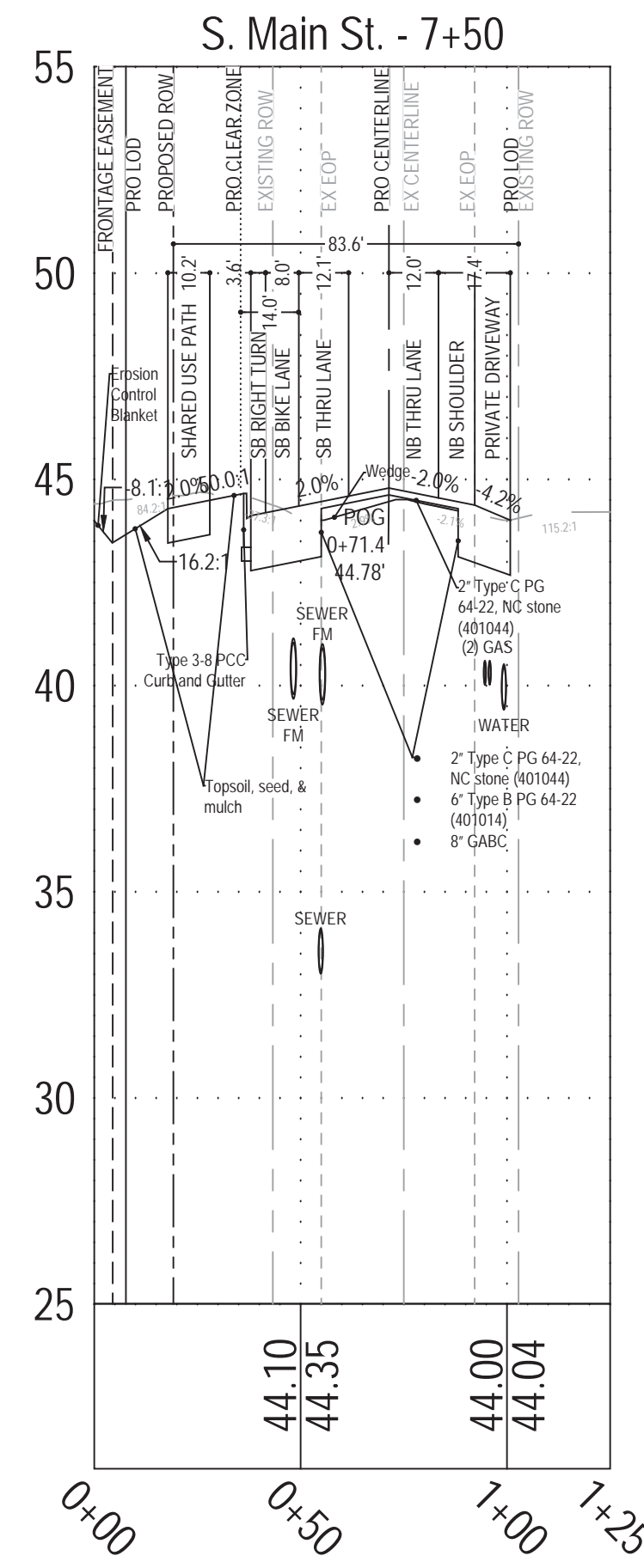
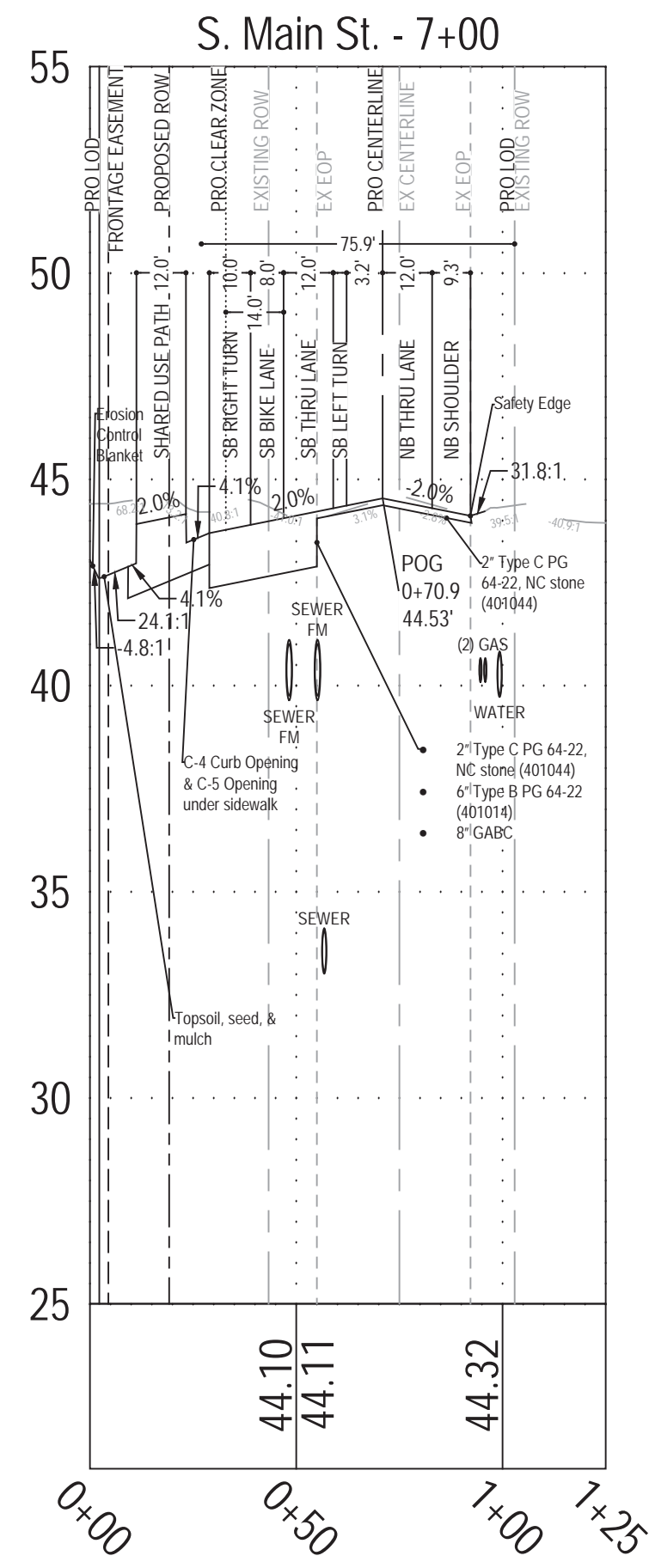
License No. 8359
 Expiration Date: June 30, 2024

Robert D. Rauch
 PROFESSIONAL ENGINEER

Revisions	
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Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: 1" = 40'
Cross Sections	CS-1

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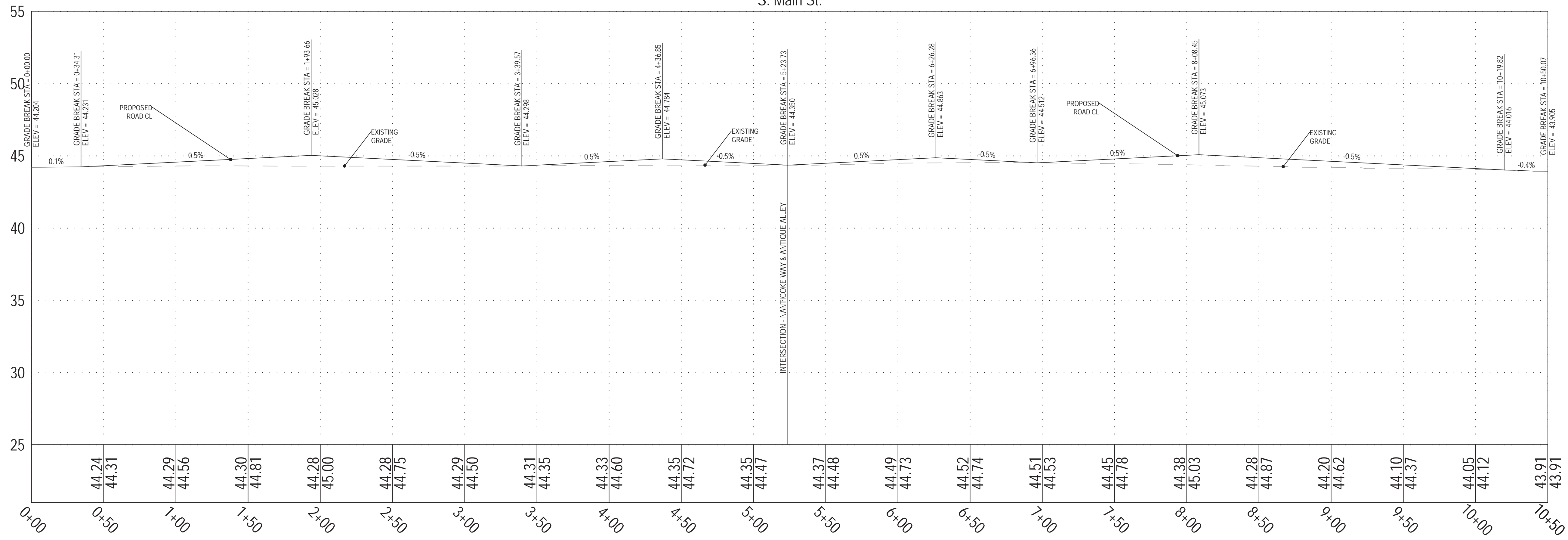


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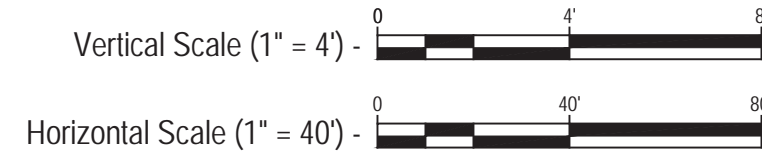
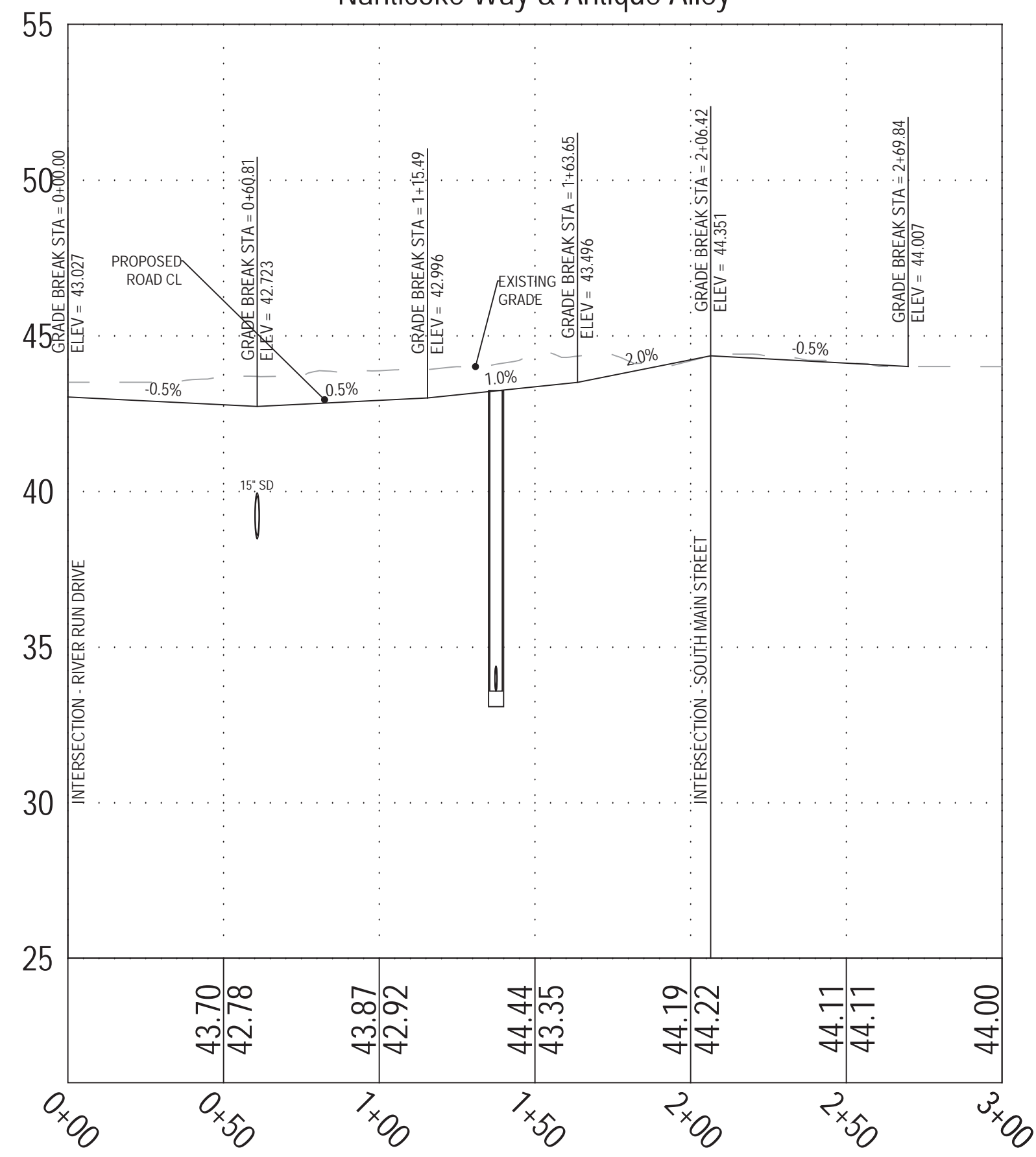
Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: 1" = 40'
Cross Sections	CS-2

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S. Main St.



Nanticoke Way & Antique Alley



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Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: 1" = 40'
Road Profiles	PR

Maintenance of Traffic Notes - (Updated March 25, 2019)

- All temporary traffic control and temporary traffic control devices shall be in accordance with: the contract documents, the latest version of the Delaware Manual on Uniform Traffic Control Devices (hereinafter referred to as the "Delaware MUTCD"), current State of Delaware Department of Transportation Standard Specifications for Road and Bridge Construction, and Supplemental Specifications, including all revisions as of the date of the entrance permit approval.
- Contractor shall supply message boards that are to be placed ten (10) days prior to construction and/or traffic pattern changes. The message boards must remain in place five (5) days after work has started and/or after traffic pattern changes. The number of message boards, locations, and wording on the message boards shall be coordinated with the District Safety Officer.
- The Department reserves the right to stop the Contractor's operations, IF, in the opinion of the Department's Representative, the Contractor's operations are not in compliance with the Delaware MUTCD, the specifications or the plans or if the Contractor's operations are deemed unsafe.
- The Contractor shall be responsible for notifying the local 911 center, local schools and DeIDOT Community Relations of all roads and lanes to be closed a minimum of seven (7) calendar days before the closure.
- The Contractor shall be responsible for ensuring that the Transportation Management Center is notified each and every day when work is being performed in State right-of-way. The Contractor shall identify the type of work, any lane(s) or shoulder(s) closed, the length of time for work, when the lane restrictions are in place and when lane restrictions are lifted, contact person/phone number and State Inspector. The Transportation Management Center can be reached at (302) 659-4600.
- When side roads intersect the work zone, additional traffic control devices shall be erected including permanent warning signs.
- All storage of equipment and material shall comply with the Delaware MUTCD, Section 6G.21.
- All pavement markings that are no longer in use and conflict with temporary pavement markings shall be removed and completely obliterated by a method approved by the Engineer. Painting over the conflicting pavement markings will not be accepted as a method of removal.
- The Contractor is responsible for the maintenance of existing pavement within the project limits for the duration of the contract or as directed by the Engineer.
- Typical Applications per the Delaware MUTCD shall be incorporated to achieve required temporary traffic control and safety requirements. This project is subject to the following Typical Applications unless directed otherwise by the DeIDOT District Safety Officer: Typical Application 1: Work Beyond the Shoulder > 10 Feet from the Edge of the Traveled Way (TA-1), Typical Application 3: Work on the Shoulders (TA-3), Typical Application 11B: Lane Diversion on a Two-Lane Road with Low Traffic Volumes (TA-11B), Typical Application 21: Lane Closure on the Near Side of an Intersection (TA-21).
- Within the mainline work area, permanent advance warning signs with the legends ROAD WORK AHEAD shall be installed in advance of the work area in both directions. An END ROAD WORK sign shall be located 500 feet downstream from the work area. On intersecting roadways within the project limits, a ROAD WORK AHEAD sign shall be placed at a distance not less than 500 feet in advance of the work area. All permanent advance warning signs shall be ground mounted on two NCHRP-350 or MASH approved breakaway posts and shall be mounted in compliance with the Delaware MUTCD. Permanent advance warning signs shall be mounted at a height of 7 feet, measured from the roadway to the bottom of the sign. The use of skid mounted sign supports is not allowed unless the Contractor can demonstrate that a utility conflict exists, which shall be verified by the District Safety Officer: or concrete medians prevent the installation of the permanent advance warning signs in the appropriate location.
- The use of millings and graded aggregate base course (GABC) in the travel way, temporary travel way, high volume entrances and access ramp for the purpose of providing a temporary roadway surface, pothole repair, tapered edge for utilities, butt joints, and longitudinal drop-offs (milling and paving operations) is prohibited unless it is otherwise designated to be used in the contract plans. Use cold patch, bituminous concrete, bituminous concrete wedge, or taper mill, as noted in the contract documents or approved by the engineer.

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Millings or GABC shall be used at the following locations where access to a business, residence, or edge drop off needs to be maintained unless otherwise noted in the plans or directed by the engineer to use bituminous concrete or cold patch. All millings and GABC will be rolled and compacted to help prevent the material from unravelling:

- Driveways
- Entrances
- Low volume access ramps (identified in the contract documents)
- Edge drop-offs adjacent to live roadway (lanes and shoulder) and the proposed road construction
- Edge of roadway drop-off

The base course material shall be placed at no greater than the slope specified in the Delaware MUTCD, Table 6G-1 and shall be compacted.

Vertical differences shall be corrected in accordance with the Delaware MUTCD, Table 6G-1.

- Acceptable materials for temporary pedestrian paths shall include concrete, hot-mix, compacted millings or plywood walkway structure. Plywood walkway structures shall also include detectable edging and railings in accordance with ADA guidelines and the Delaware MUTCD. Stone or graded aggregate base course shall not be used for temporary pedestrian paths.

Allowable Lane Closure Hours - Summer (May 15 - September 15)

	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM
SUNDAY																								
MONDAY									1	1	1	1	1	1	1									
TUESDAY	1	1	1	1	1	1			1	1	1	1	1	1							1	1	1	1
WEDNESDAY	1	1	1	1	1	1			1	1	1	1	1	1							1	1	1	1
THURSDAY	1	1	1	1	1	1			1	1	1	1	1	1							1	1	1	1
FRIDAY	1	1	1	1	1	1																		
SATURDAY																								

1 only one through lane and/or one turning lane closed / flagging operation permitted
 no lane closures (all lanes open)

Allowable Lane Closure Hours - Non-Summer (September 16 - May 14)

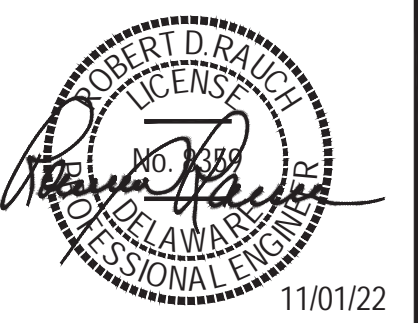
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SUNDAY	1	1	1	1	1	1															1	1	1	1
MONDAY	1	1	1	1	1	1			1	1	1	1	1	1							1	1	1	1
TUESDAY	1	1	1	1	1	1			1	1	1	1	1	1							1	1	1	1
WEDNESDAY	1	1	1	1	1	1			1	1	1	1	1	1							1	1	1	1
THURSDAY	1	1	1	1	1	1			1	1	1	1	1	1							1	1	1	1
FRIDAY	1	1	1	1	1	1			1	1	1	1	1	1							1	1	1	1
SATURDAY	1	1	1	1	1	1															1	1	1	1

1 only one through lane and/or one turning lane closed / flagging operation permitted
 no lane closures (all lanes open)

- The Contractor shall add the Bicycle In Lane (W11-1-DE) sign to the typical application signing stack during construction activities that restrict use of the existing shoulder/bike lane.







Professional Certification
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Delaware.
 License No. 8359
 Expiration Date: June 30, 2024



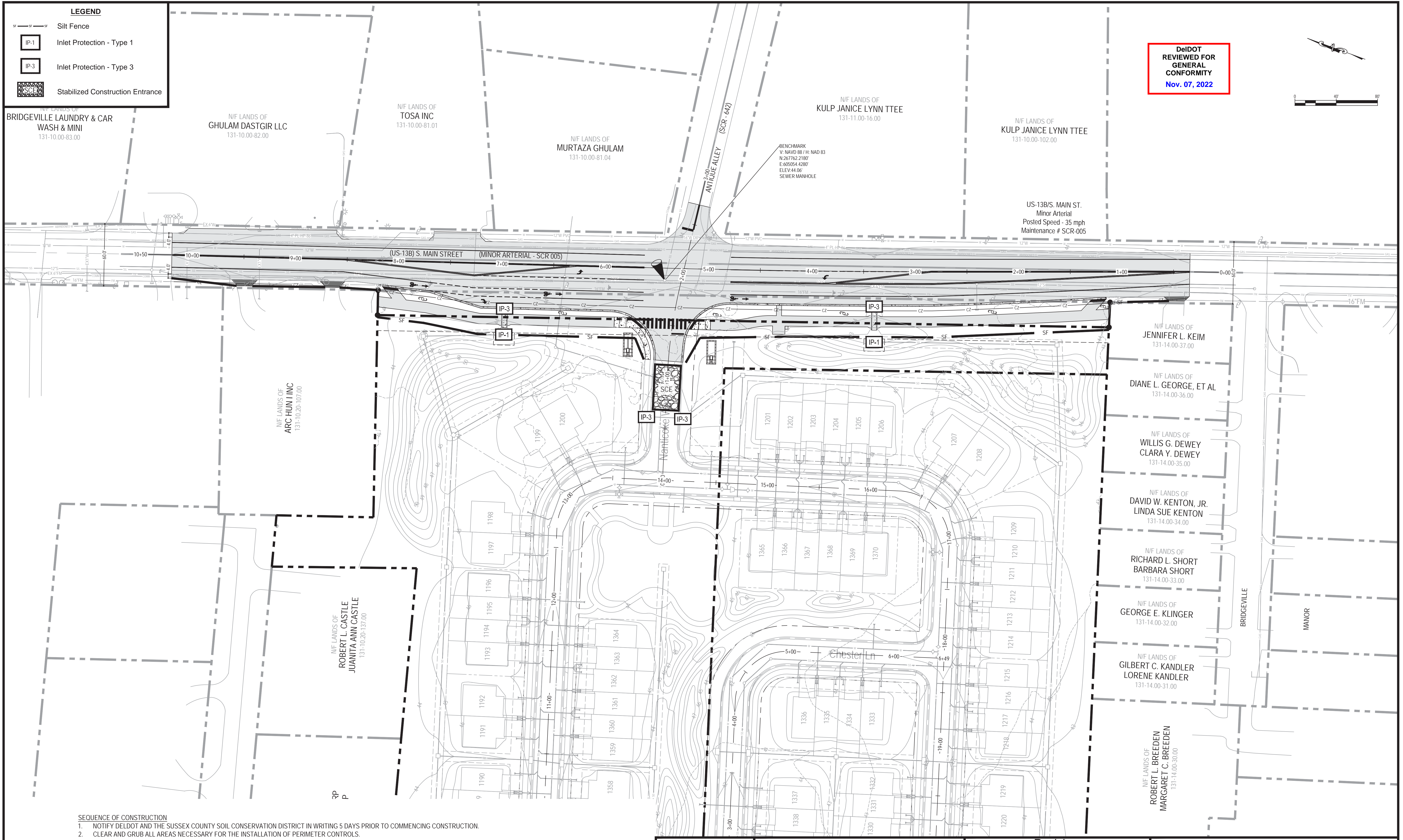
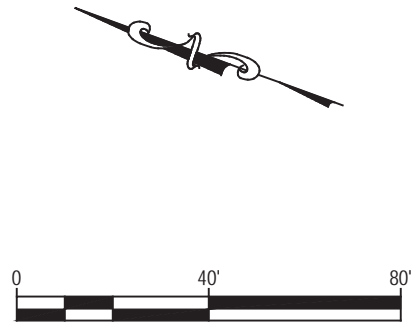
Revisions	
INITIAL SUBMISSION - 03/31/22	
FIRST REVISION - 06/12/22	
SECOND REVISION - 07/08/22	
THIRD REVISION - 09/14/22	
FOURTH REVISION - 11/01/22	

Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: As Shown
Maintenance of Traffic	MOT

LEGEND

-  Silt Fence
-  Inlet Protection - Type 1
-  Inlet Protection - Type 3
-  Stabilized Construction Entrance

DelDOT
REVIEWED FOR
GENERAL
CONFORMITY
Nov. 07, 2022




SEQUENCE OF CONSTRUCTION

1. NOTIFY DELDOT AND THE SUSSEX COUNTY SOIL CONSERVATION DISTRICT IN WRITING 5 DAYS PRIOR TO COMMENCING CONSTRUCTION.
2. CLEAR AND GRUB ALL AREAS NECESSARY FOR THE INSTALLATION OF PERIMETER CONTROLS.
3. INSTALL E&S DEVICES AS SHOWN ON PLANS. INSTALL MOT SIGNAGE
4. COMPLETE SITE DEMOLITION (SEE SHEET ECD).
5. INSTALL ROAD BASE MATERIAL, INSTALL CURBING, AND PAVING ON US-13B PER MAINTENANCE OF TRAFFIC SHEETS SEQUENCE OF CONSTRUCTION (SEE SHEET MOT).
6. INSTALL ROAD BASE MATERIAL, INSTALL CURBING, AND BASE PAVE ON ENTRANCE.
7. TEMPORARY AND PERMANENT STABILIZATION SHALL BE PROVIDED PER THE SCHEDULES AND NOTES INCLUDED ON THIS SHEET.
8. REMOVE MOT SIGNAGE
9. MAINTAIN ALL PERIMETER CONTROLS AND SEDIMENT CONTROL DEVICES UNTIL FINAL STABILIZATION HAS BEEN COMPLETELY ESTABLISHED.

RAUCH
 Engineering | Survey | Architecture | Environmental
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 Web: www.rauch-hcc.com | Email: design@rauchhcc.com
 Phone: +1-410-770-9091 | Fax: +1-410-770-9097

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Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: 1" = 40'
Erosion and Sediment Control	ESC-1