


DeIDOT Entrance Plan Villas at Bridgeville

Date of Current Survey: January 2021

Owner's Certification

I, the undersigned, hereby state that I am the Owner's representative of the property described and shown on this plan. The plan was made at my direction. I acknowledge the same to be my act and desire that the plan be recorded according to the law.

Signature  Date 11/01/22

Neil Patel
VP Land Development
Passwaters Farm, LLC

Owner's Certification

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Signature  Date 11/01/22

Mike Hellyer
Construction Project Manager
Heritage Shores Villas, LLC

Project Notes

Project Data

MAINTENANCE NUMBER OF HIGHWAY BEING ACCESSED: S5
GROSS ACREAGE OF PROPERTY: 28.34 AC.
ZONING: RESIDENTIAL PLANNED COMMUNITY (RPC)
PRESENT USE: UNDEVELOPED RESIDENTIAL
PROPOSED USE: RESIDENTIAL
SEWER PROVIDER: SUSSEX COUNTY
WATER PROVIDER: TOWN OF BRIDGEVILLE
TAX PARCEL NUMBER: 131-14.00-44.22 & 131-14.00-44.23
TOTAL NUMBER OF EXISTING LOTS: 2 LOTS
TOTAL NUMBER OF PROPOSED LOTS: 210 LOTS
INVESTMENT LEVEL AREA: LEVEL 1
HORIZONTAL DATUM: DELAWARE STATE GRID NAD-83
VERTICAL DATUM: NAVD 1988

Contact Data

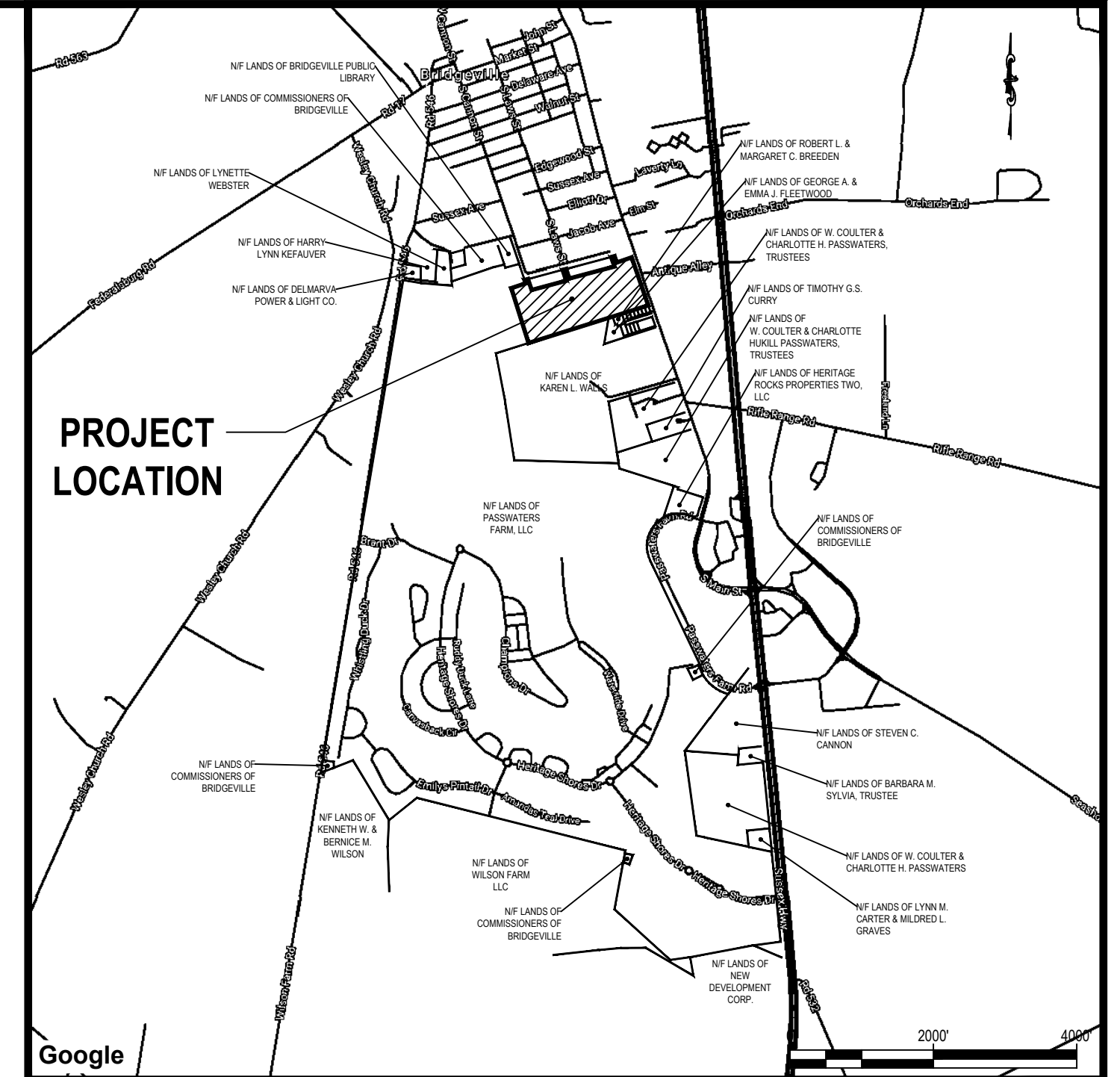
OWNER & DEVELOPER: 131-14.00-44.22
 BRIDGEVILLE VILLAS, LLC
 1934 OLD GALLOWES RD
 STE. 500
 VIENNA, VA 22182
 PHONE: (703) 556 - 4000

131-14.00-44.23
 PASSWATERS FARM, LLC
 3201 JERMANTOWN RD
 STE. 150
 FAIRFAX, VA 22030
 PHONE: (703) 270 - 1400

ENGINEER: RAUCH INC.
 106 N. HARRISON ST.
 EASTON, MD 21601
 PHONE: (410) 770 - 9081
 FAX: (410) 770 - 3667
 EMAIL: DESIGN@RAUCHENG.COM

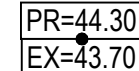
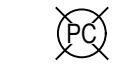
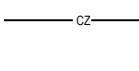

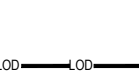
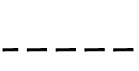

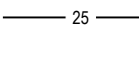

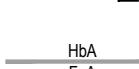
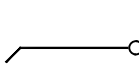
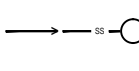
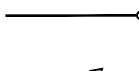

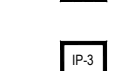


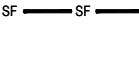



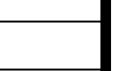
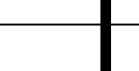
Sheet Index

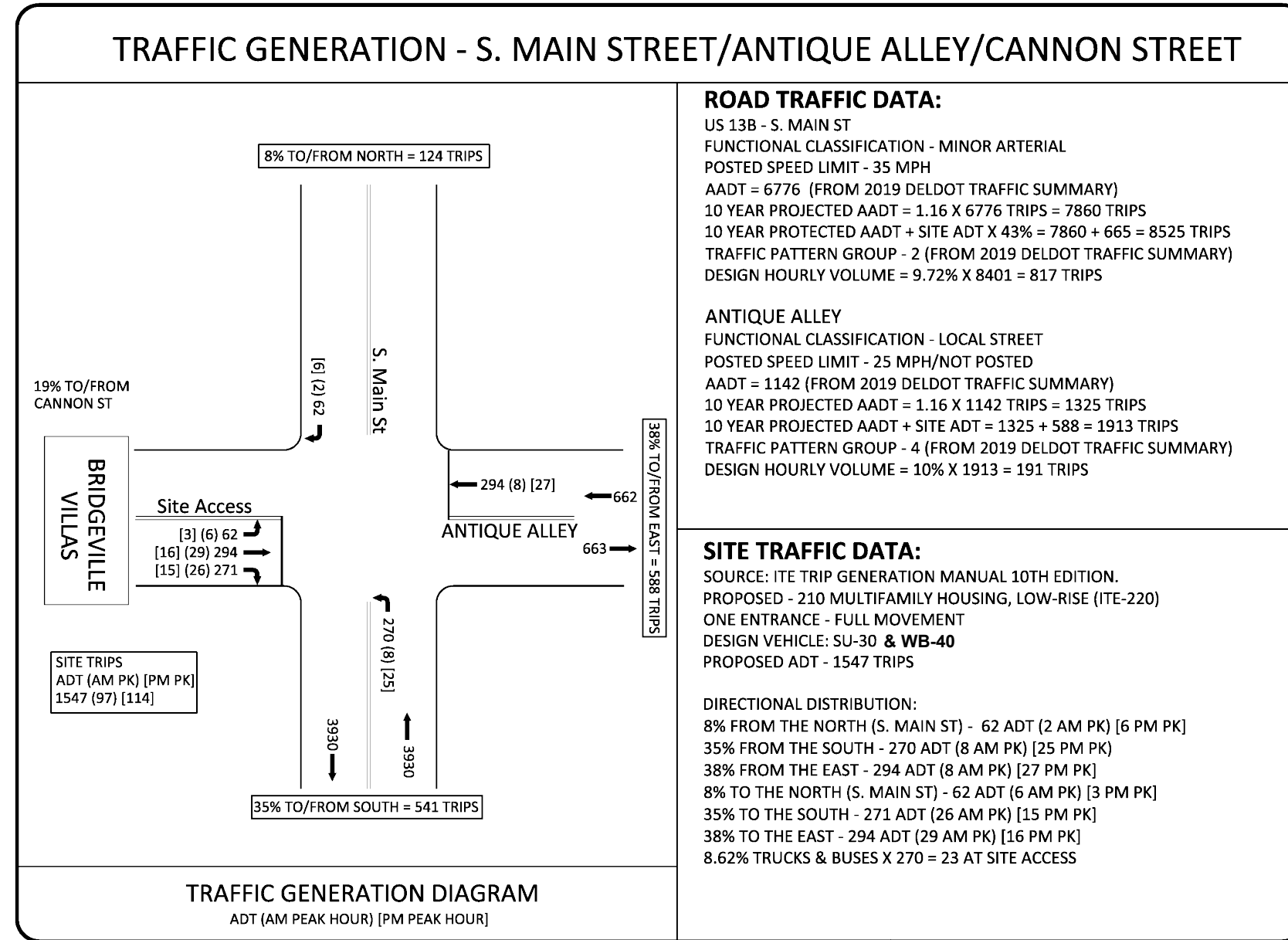
CG	Coversheet and General Notes
ECD	Existing Conditions and Demolition Plan
PSP	Proposed Entrance Site Plan
PDS	Paving Detail & Sections
SS	Signage and Striping
SD	Sight Distance
TM-1 → TM-4	Turning Movements
GD	Grading and Drainage Plan
CS-1 → CS-2	Cross Sections
PR	Road Profiles
MOT	Maintenance of Traffic
ESC-1	Erosion and Sediment Control



VICINITY MAP

LEGEND

	EXISTING/PROPOSED EOP ELEVATIONS
	PAVEMENT CORES
	CLEAR ZONE
	BUILDING SETBACK LINE
	STATIC WATER ELEVATION
	LIMITS OF DISTURBANCE
	EASEMENTS
	EXISTING CONTOUR
	PROPOSED CONTOUR
	EXISTING STORM DRAIN
	PROPOSED STORM DRAIN
	SOILS BOUNDARY
	SANITARY SEWER SERVICE LATERAL AND CLEANOUT
	SANITARY SEWER MAIN AND MANHOLE
	WATER SERVICE LATERAL AND METER VAULT
	FIRE HYDRANT AND WATER VALVE
	INLET PROTECTION - TYPE 1
	INLET PROTECTION - TYPE 3
	ROCK OUTLET/INLET PROTECTION
	NETLESS SLOPE STABILIZATION MATTING
	SILT FENCE
	SUPER SILT FENCE
	STABILIZED CONSTRUCTION ENTRANCE



General Notes - (Updated March 14, 2022)

- All entrances shall conform to the Delaware Department of Transportation's (DelDOT's) current Development Coordination Manual and shall be subject to its approval.
- As of the issuance of the Notice to Proceed (NTP) all materials and workmanship within the State of Delaware right-of-way shall be in accordance with current State of Delaware Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications, Standard Construction Details, Special Provisions, PAS Manual and Design Guidance Memorandums.
- All disturbed areas within the State right-of-way, but not in the pavement, shall be top-soiled (6" minimum), fertilized, seeded and mulched. If sod is used next to sidewalk or shared-use path, contractor shall grade topsoil adjacent to the sidewalk or shared-use path prior to placement of sod to ensure that sod is placed flush or just below edge of sidewalk or shared-use path to avoid water ponding on the sidewalk or shared-use path.
- A 72-hour (minimum) notice shall be given to the DelDOT District Permit Supervisor prior to starting entrance construction.
- Miss Utility of Delaware shall be notified three (3) consecutive working days prior to excavation, at 1-800-282-8555.
- The Developer shall be required to furnish and place right-of-way monuments in accordance with DelDOT's Development Coordination Manual.
- At the discretion of the Public Works Inspector, any damaged, non-compliant or missing curb or sidewalk found on site will need to be repaired or replaced to meet current DelDOT standards.
- As of the issuance of the Notice to Proceed (NTP), all signing, striping, and maintenance of traffic is the contractor's responsibility and shall follow the guidelines shown in the Delaware Manual on Uniform Traffic Control Devices (Delaware MUTCD) for Streets and Highways. The Developer or property owners shall be responsible for maintenance of all signs installed as part of this project.
- Plan location and dimensions shall be strictly adhered to unless otherwise directed by the DelDOT Inspector.
- A copy of the up-to-date approved construction documents and DelDOT approval letters shall be maintained on the project site at all times and be available for inspection by DelDOT personnel.
- Existing utilities are shown in accordance with the best available information. Completeness or correctness thereof is not guaranteed. It shall be the contractor's responsibility to contact the utility companies involved in order to secure the most accurate information available as to utility location and elevation. No construction around or adjacent to utilities shall begin without notifying their owners at least 48-hours in advance. The contractor shall take the necessary precautions to protect the existing utilities and maintain uninterrupted service and any damage done to them due to his/her negligence shall be immediately and completely repaired at the contractor's expense. To locate existing utilities in the field prior to construction, the contractor shall contact Miss Utility of Delaware (See Note #5).
- Should utility relocation be required, the Developer must submit a utility relocation plan for DelDOT review, along with correspondence from the utility companies stating preliminary approval to the relocation and design of the utilities prior to the DelDOT pre-construction meeting. No physical construction can occur until the utility plans are approved, the individual utility companies issue final approval, and a DelDOT utility permit is issued to the utility company.
- Upon completion of the construction of the sidewalk or shared-use path across this project's frontage and physical connection to adjacent existing facilities, the Developer, the property owners or both associated with this project, shall be responsible to remove any existing road tie-in connections located along adjacent properties, and restore the area to grass. These disturbed areas shall be top-soiled (6" minimum), fertilized, seeded and mulched. Such actions shall be completed at DelDOT's discretion, and in conformance with the Development Coordination Manual.
- DelDOT will not provide the respective local land use agency with a 'no objection to the issuance of the Certificate of Occupancy notice' until the entrance(s) are completed to the satisfaction of the Department.
- Design, fabrication and installation of all permanent signing shall be as outlined in the latest version of the Delaware MUTCD.
- Design and installation of all pavement markings and striping shall be as outlined in the latest version of the Delaware MUTCD. For final permanent pavement markings:
 - Epoxy resin paint shall be required for long line striping.
 - Thermo plastic (extruded or preformed material) will be required on Asphalt surfaces, for short line striping, i.e. symbols/legends.
 - Permanent pavement marking tape (per DelDOT's approved materials list) will be required on Concrete surfaces, for short line striping, i.e. symbols/legends.
- Removal of pavement marking paint or tape shall comply with Section 5.11.2 of the Development Coordination Manual.
- Breakaway posts shall be used when installing all signs. Reference DelDOT's Standard Construction Details, Section VIII - Traffic, T-15.
- Subdivision streets constructed within the limits of the right-of-way dedicated to public use shown on this plan are to be maintained by the Town of Bridgeville following the completion of the streets by the Developer to the satisfaction of the Town. The Town accepts no maintenance responsibility within the dedicated street right-of-way until the streets have been accepted by the Town.
- The ends of all curbs shall be transitioned to be flush with the pavement at a ratio of twelve to one (12:1).
- A double yellow centerline will be required along the paved portion of Route 13B. Striping of the centerline shall be 6-inch wide line separated by a 6-inch space.
- All fixed objects are to be a minimum of 10-feet from the edge of travel lane and 5-feet from the edge of pavement. Reference Section 5.5.5 of the Development Coordination Manual. Any fixed object that does not meet this requirement shall be relocated.
- It is the contractor's responsibility to ensure that all paving within the State of Delaware right-of-way is installed to the elevations shown and no ponding of water exists after paving is complete.
- All storm drain piping designated as reinforced concrete pipe is to be reinforced concrete pipe, meeting AASHTO M-170 specifications. See plans for specific class of pipe.
- All proposed closed stormdrain systems shall be video inspected, repaired as necessary and approved prior to the installation of final paving. If repairs are needed, the repaired pipe sections will need to be video inspected again before the repair can be approved.
- The Developer and existing/future owner of non-state-maintained roadways shall ensure that the traffic control devices on said roadways open to public travel are in compliance with the latest version of the Delaware MUTCD.
- All subgrade shall be compacted to 95% of the maximum standard T-99 dry density.
- The contractor shall notify DART First State at DOT_Detours@delaware.gov at least 14 days prior to the start of any detours or construction, and DOT_DTC_ProjectDevelopment@delaware.gov at such time the facility is completed and operable for transit operations. For emergency detour information only please contact DTC's Chief Scheduler at 302-576-6019.
- For information on obtaining a Utility Permit in Sussex County contact M&O-South District-Public Works at (302) 853-1345.
- For information on getting approval for proposed outdoor advertising in Sussex County contact M&O-South District-Outdoor Advertising & Roadside Control at (302) 853-1327.
- An AWSF Letter was issued for this project, and amended on Dec 23, 2021. The following are the conditions of the letter:
 - The proposed development consists of 210 low-rise multi-family units. Per the 10th edition of the Institute of Transportation Engineers' Trip Generation Manual, the proposed development would generate 1547 average daily trips and 114 vehicle trips during the p.m. peak hour. The fee is calculated at ten dollars per daily trip. For the proposed development, the fee would be \$15,470.00.
 - The developer shall improve the State-maintained road(s) on which they front, within the limits of their frontage, to meet DelDOT's standards for their Functional Classification as found in Section 1.1 of the Development Coordination Manual and elsewhere therein. The improvements shall include both directions of travel, regardless of whether the developer's lands are on one or both sides of the road. Frontage is defined in Section 1 of the Development Coordination Manual, which states "This length includes the length of roadway perpendicular to lines created by the projection of the outside parcel corners to the roadway." Questions on or appeals of this requirement should be directed to the DelDOT Subdivision Review Coordinator in whose area the development is located.
 - The developer shall enter into a traffic signal agreement for the intersections of S. Main Street (Sussex Road 5) and Passwaters Farm Road (Sussex Road 5B), and US Route 13 / S. Main Street / Seashore Highway (Sussex Road 6). The developer should coordinate with DelDOT's Traffic section on the details of this agreement.
 - The requirement to complete a TOA was withdrawn by DelDOT on March 3, 2022 with the following conditions:
 - DelDOT requires confirmation from the Town that the Town does not want an interconnection between Heritage Shores and Villas at Bridgeville
 - DelDOT requires that the street system of Villas at Bridgeville be designed in accordance with the sketch (presented to DelDOT by email on Jan 31, 2022), acceptable to both DelDOT and the Town, that provides residents of both developments access into the downtown area by way of South Cannon St.

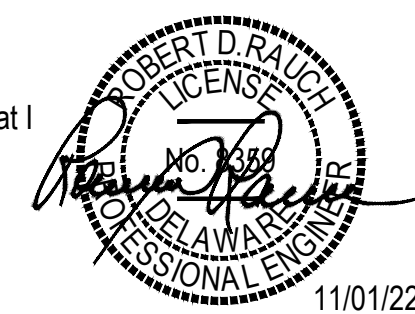
Project Data
Project Tax Map ID: 131-14.00-44.22 & 131-14.00-44.23
Horizontal Control: Delaware State Grid NAD-83
Vertical Control: NAVD 1988
Zoning: Residential Planned Community (RPC)
Current Land Use: Residential

Proposed Land Use: Residential
Total Site Area: 28.34 AC
Disturbed Area: 1.72 AC
Plus Number: N/A
Site Address: Intersection of South Main Street & Antiquity Alley
Latitude/Longitude: Center of Parcel: 38.734233, -75.598471

Gross Acreage: 28.34 ac
Proposed Site Area: 28.34 ac
Proposed Development: 210 Single Family Residential Lots
Parking Spaces Required: N/A
Parking Spaces Provided: 465
Local Government Responsible for Approval: Town of Bridgeville



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

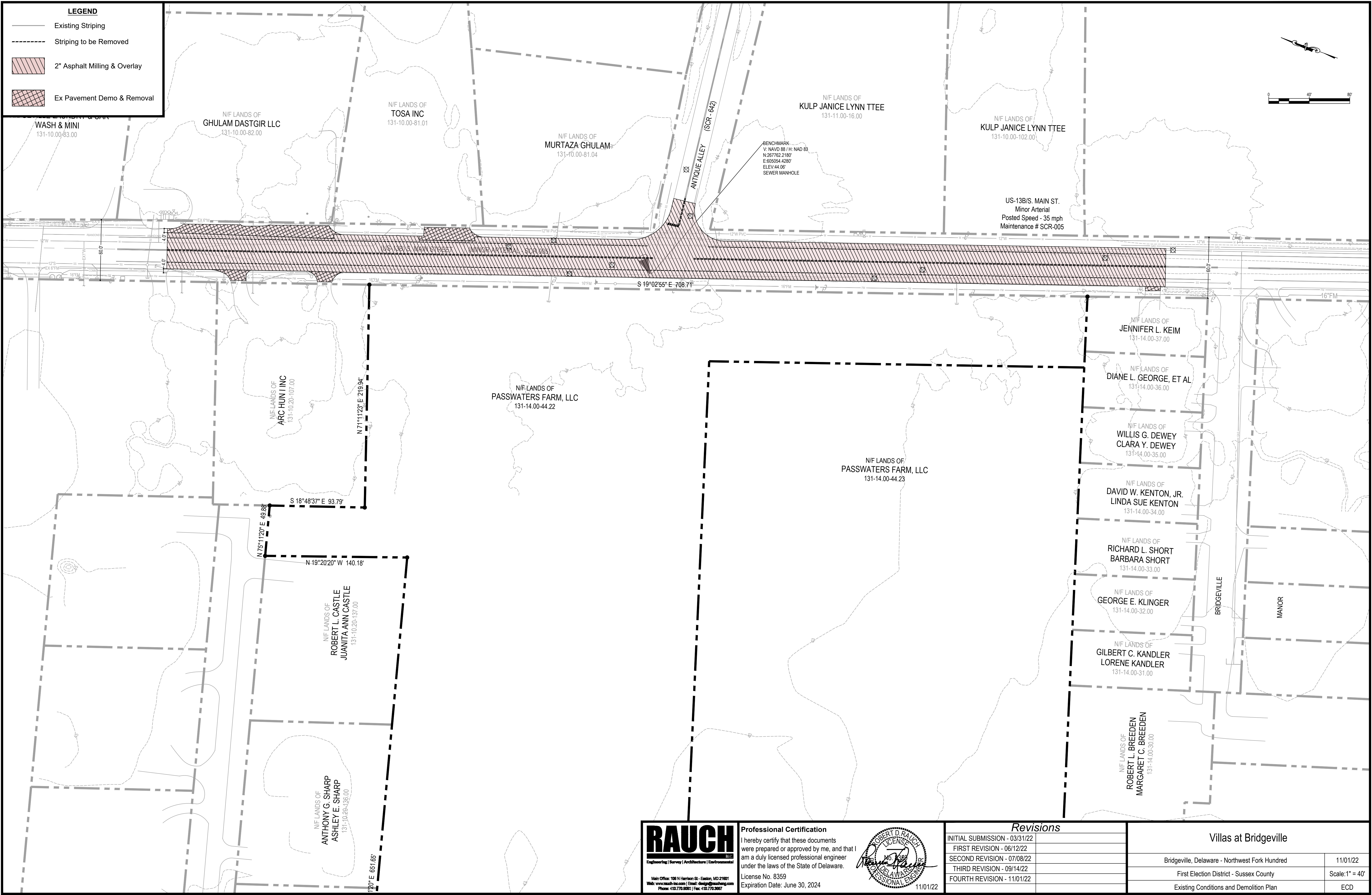


Revisions	
INITIAL SUBMISSION - 03/31/22	
FIRST REVISION - 06/12/22	
SECOND REVISION - 07/08/22	
THIRD REVISION - 09/14/22	
FOURTH REVISION - 11/01/22	

Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: As Shown
Coversheet and General Notes	CG

LEGEND

- Existing Striping
- Striping to be Removed
- 2" Asphalt Milling & Overlay
- Ex Pavement Demo & Removal



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Main Office: 108 N. Harrison St. - Easton, MD 21601
 Web: www.rauch-inc.com | Email: design@rauch.com
 Phone: +1.410.770.9091 | Fax: +1.410.770.9097

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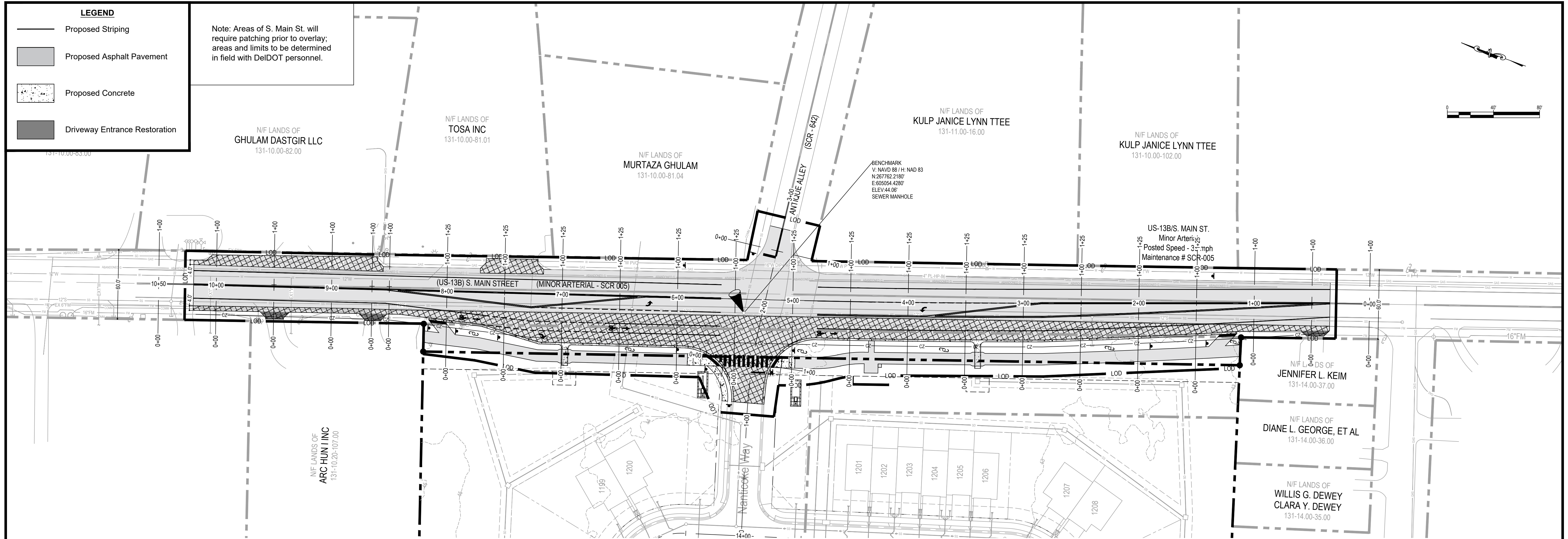
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ROBERT D. RAUCH
 LICENSE NO. 8359
 DELAWARE PROFESSIONAL ENGINEER

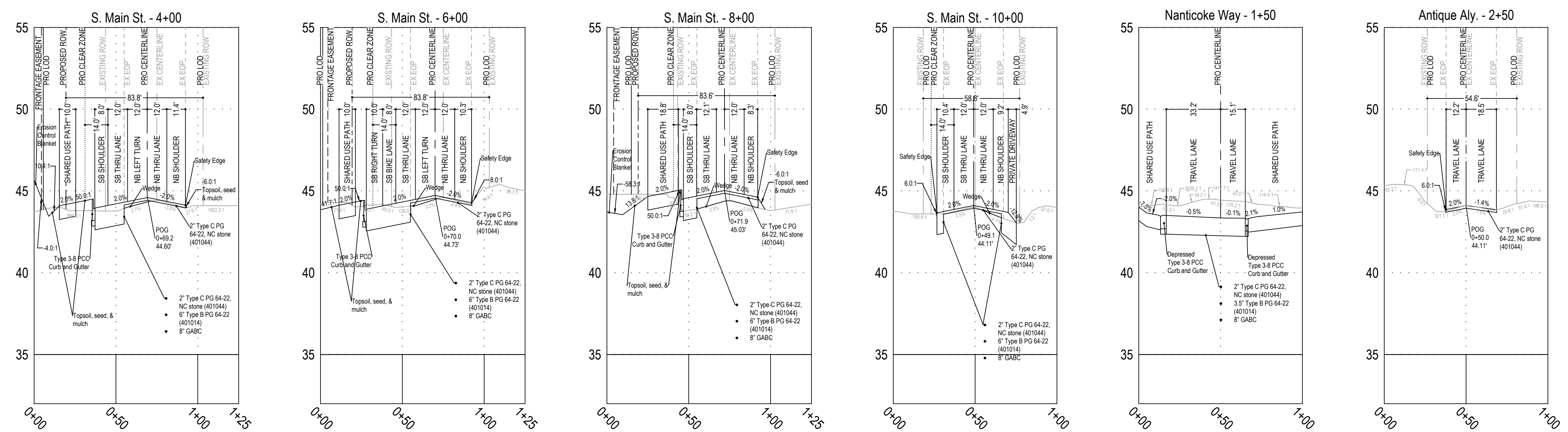
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Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: 1" = 40'
Existing Conditions and Demolition Plan	ECD



TYPICAL SECTIONS



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Main Office: 108 N. Harrison St. - Easton, MD 21601
 Web: www.rauch-hcc.com | Email: design@rauch-hcc.com
 Phone: +1.410.776.9091 | Fax: +1.410.776.9097

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 LICENSED PROFESSIONAL ENGINEER
 DELAWARE

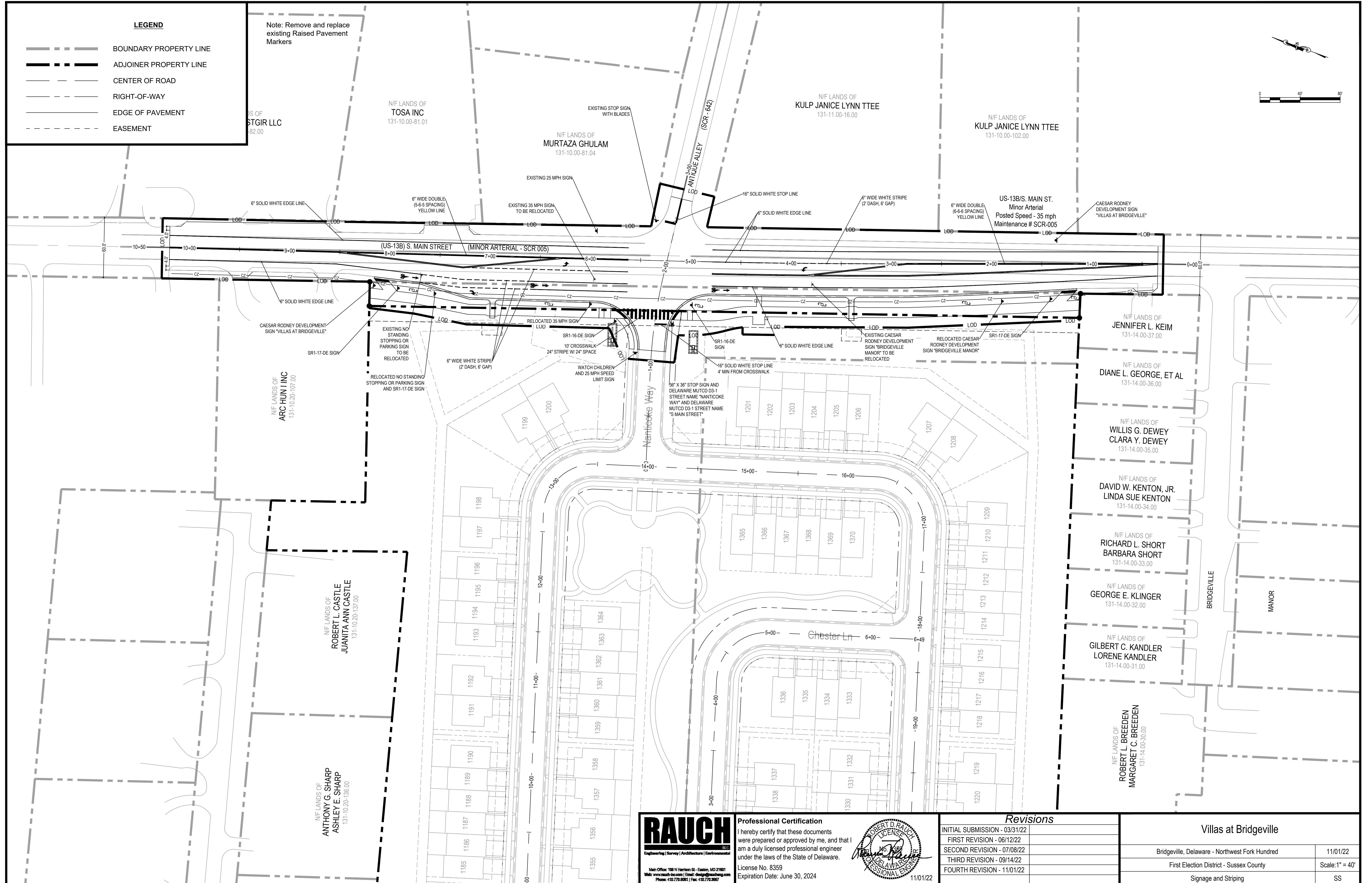
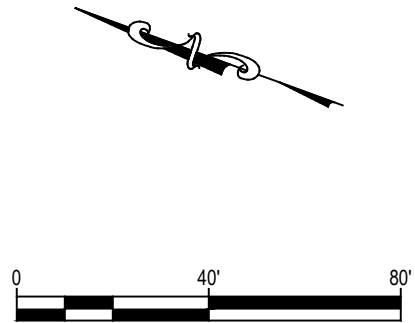
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FOURTH REVISION - 11/01/22	

Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: 1" = 40'
Paving Detail & Sections	PDS

LEGEND

- BOUNDARY PROPERTY LINE
- ADJOINER PROPERTY LINE
- CENTER OF ROAD
- RIGHT-OF-WAY
- EDGE OF PAVEMENT
- EASEMENT

Note: Remove and replace existing Raised Pavement Markers

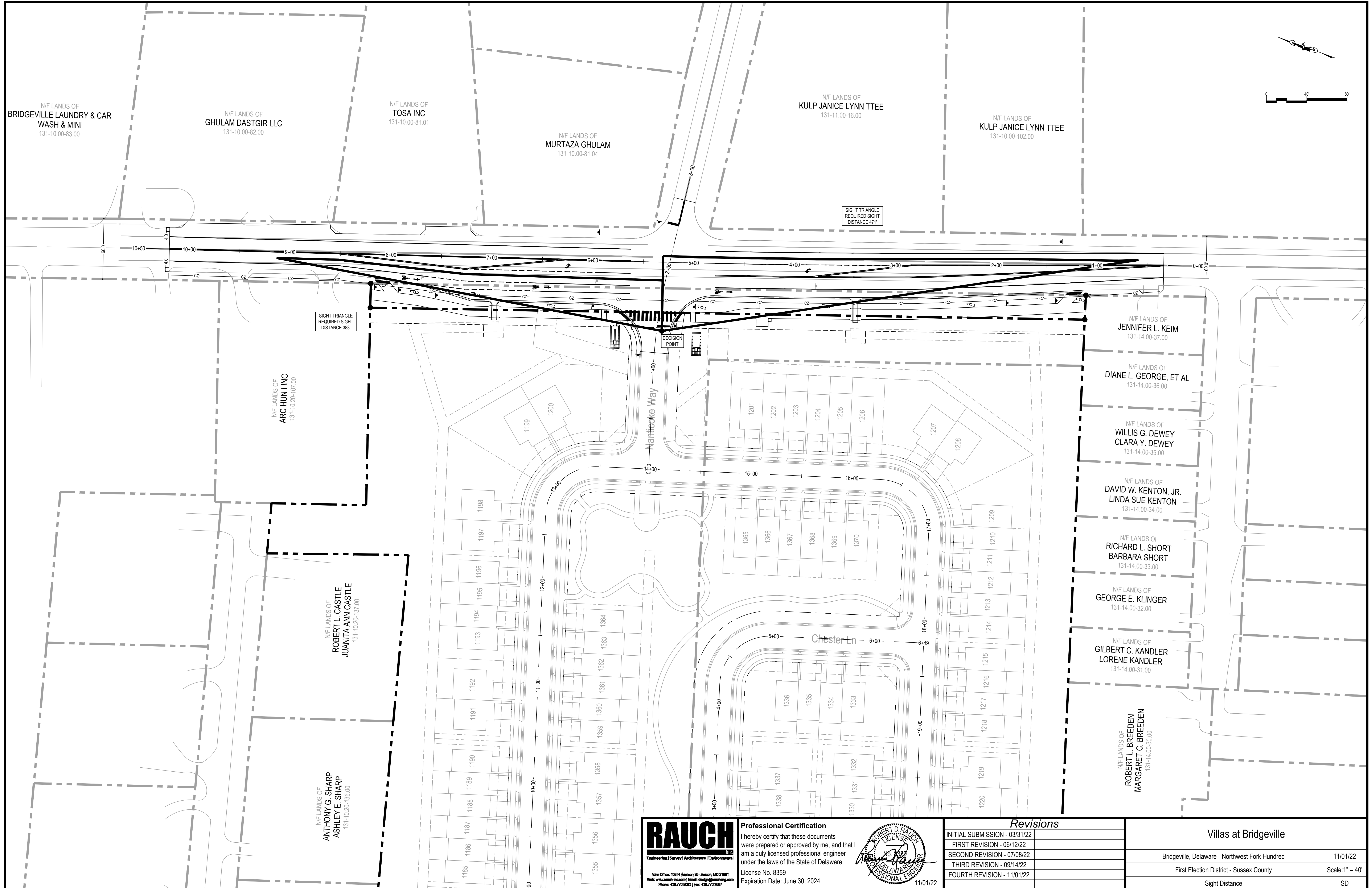


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Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: 1" = 40'
Signage and Striping	SS



N/F LANDS OF
BRIDGEVILLE LAUNDRY & CAR
WASH & MINI
131-10.00-83.00

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
ARC HUN I INC
131-10.20-107.00

N/F LANDS OF
ROBERT L. CASTLE
JUANITA ANN CASTLE
131-10.20-137.00

N/F LANDS OF
ANTHONY G. SHARP
ASHLEY E. SHARP
131-10.20-136.00

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

N/F LANDS OF
DIANE L. GEORGE, ET AL
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
131-14.00-32.00

N/F LANDS OF
GILBERT C. KANDLER
LORENE KANDLER
131-14.00-31.00

N/F LANDS OF
ROBERT L. BREEDEN
MARGARET C. BREEDEN
131-14.00-30.00

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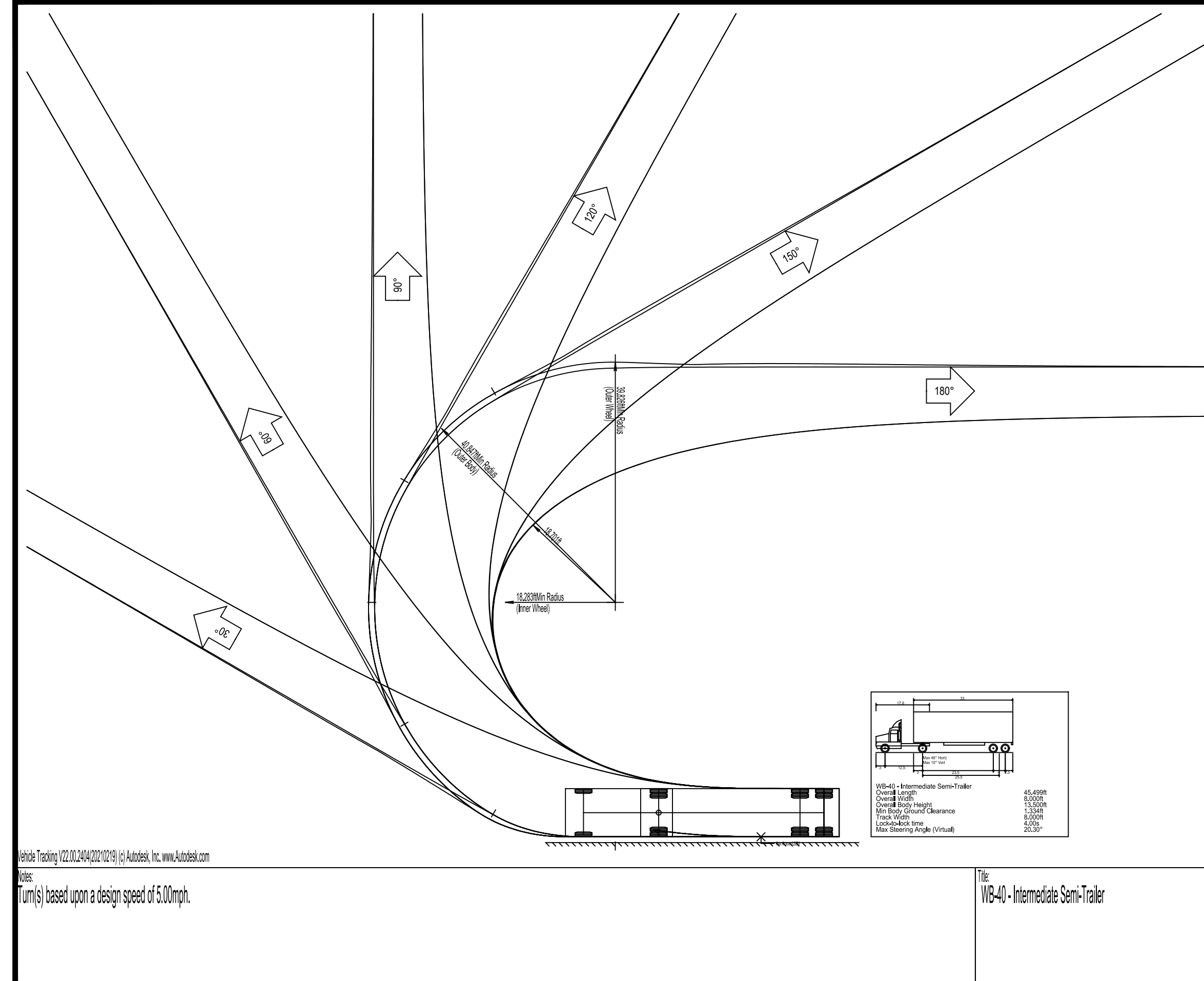
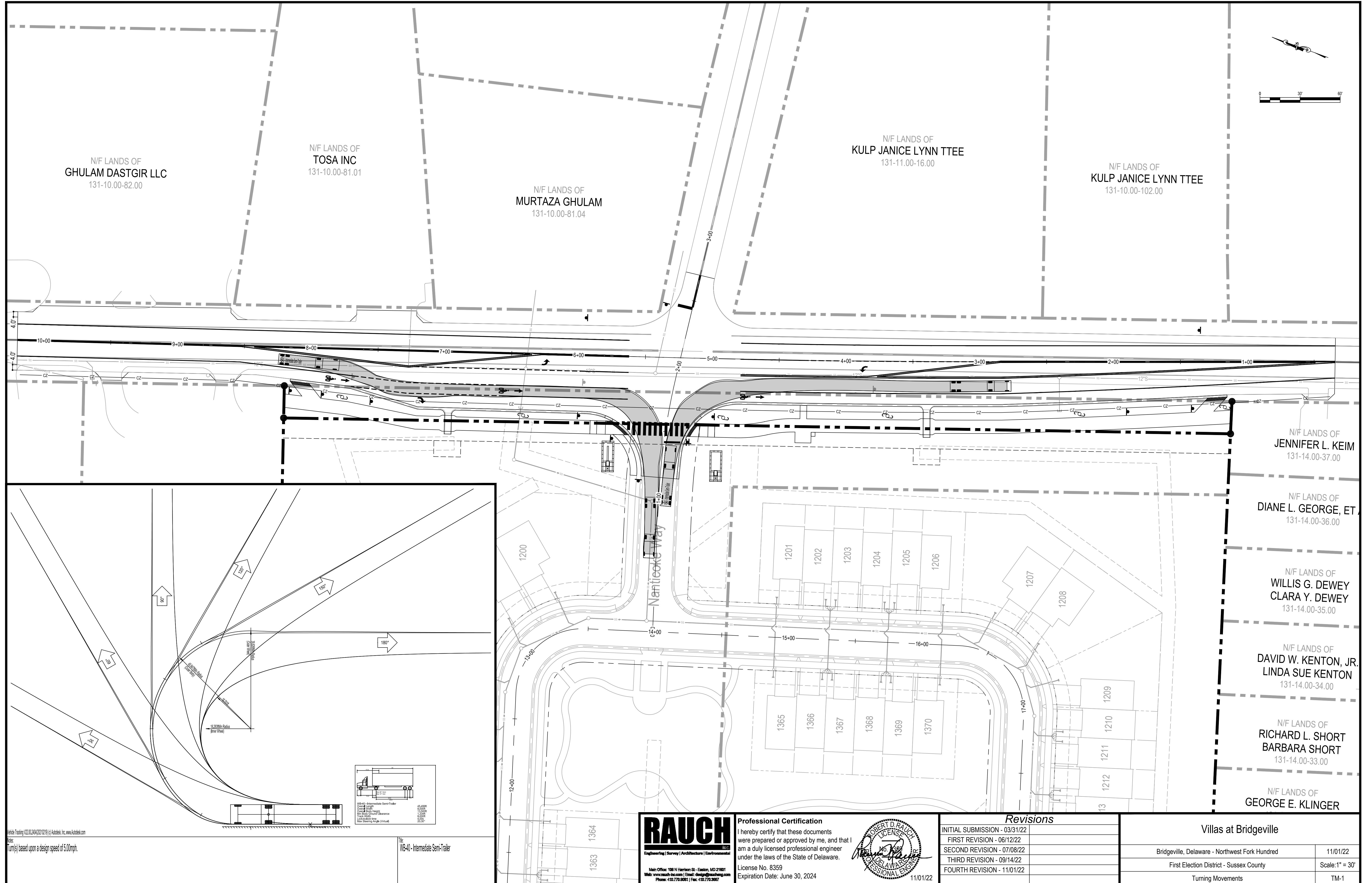
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First Election District - Sussex County	Scale: 1" = 40'
Sight Distance	SD



Vehicle Tracking 1/21/10, 2/14/10, 3/1/10 © Autodesk, Inc. www.autodesk.com
 Notes:
 1. Turns based upon a design speed of 5.00mph.

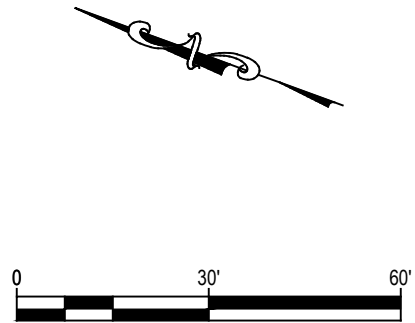
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Villas at Bridgeville	
Bridgeville, Delaware - Northwest Fork Hundred	11/01/22
First Election District - Sussex County	Scale: 1" = 30'
Turning Movements	TM-1



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131-10.00-81.01

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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

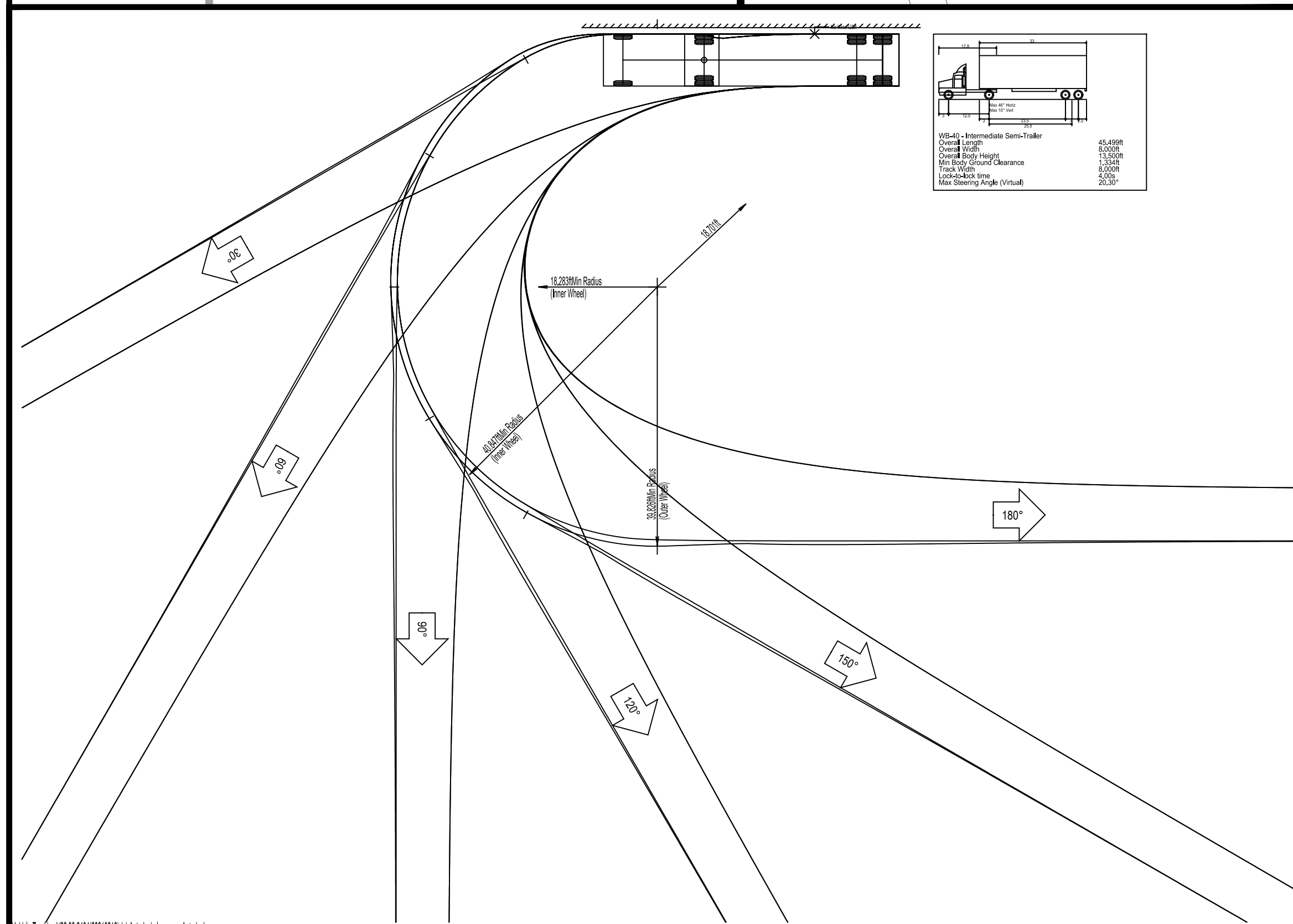
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DIANE L. GEORGE, ET AL
131-14.00-36.00

N/F LANDS OF
WILLIS G. DEWEY
CLARA Y. DEWEY
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N/F LANDS OF
DAVID W. KENTON, JR.
LINDA SUE KENTON
131-14.00-34.00

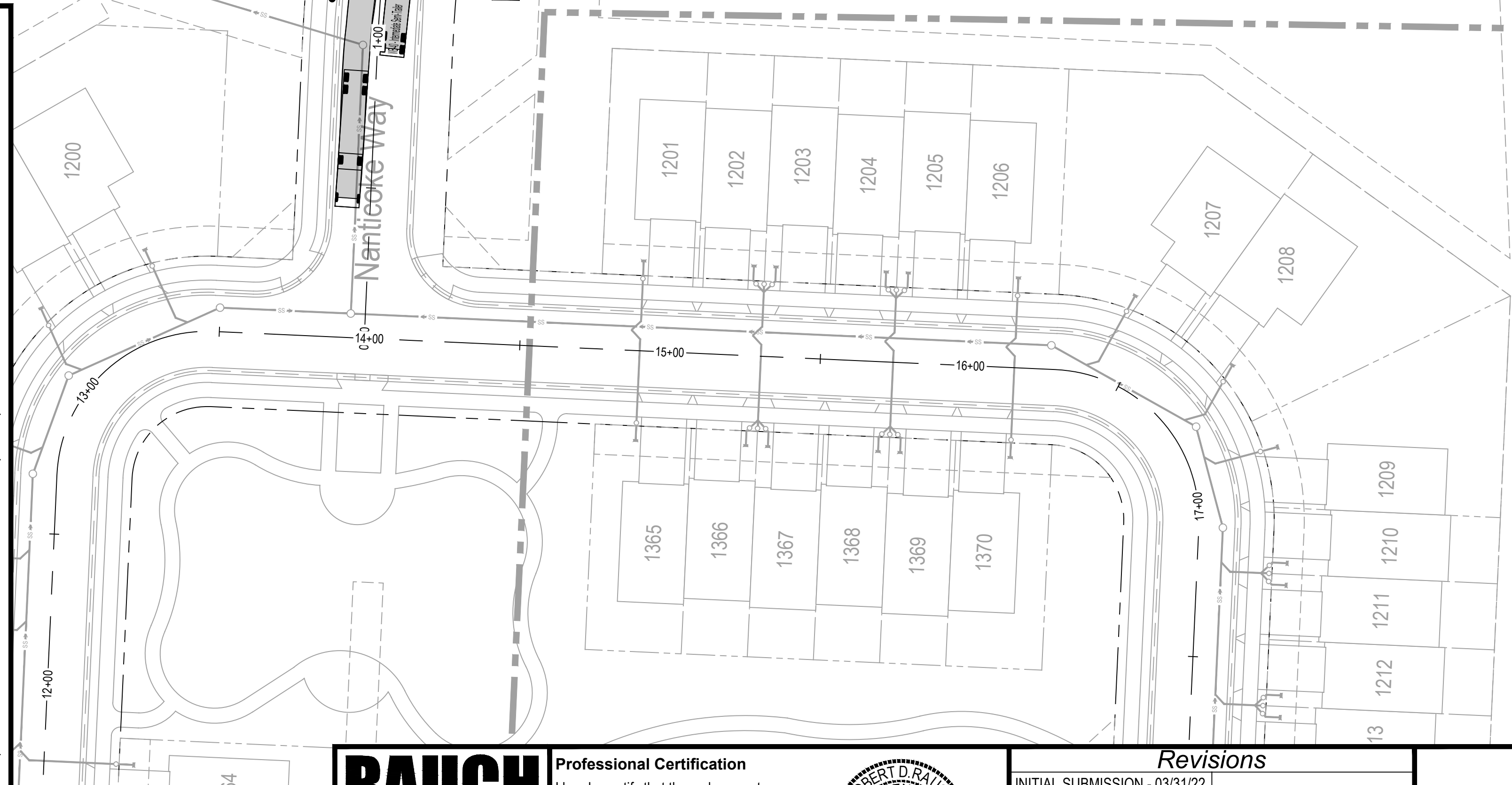
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RICHARD L. SHORT
BARBARA SHORT
131-14.00-33.00

N/F LANDS OF
GEORGE E. KLINGER



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Notes:
Turn(s) based upon a design speed of 5.00mph.

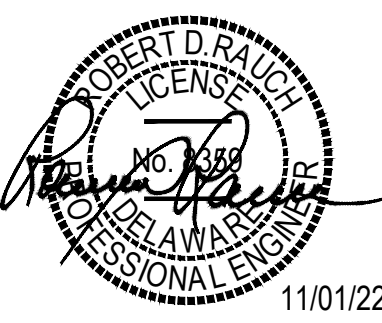
WB-40 - Intermediate Semi-Trailer



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Engineering | Survey | Architecture | Environmental

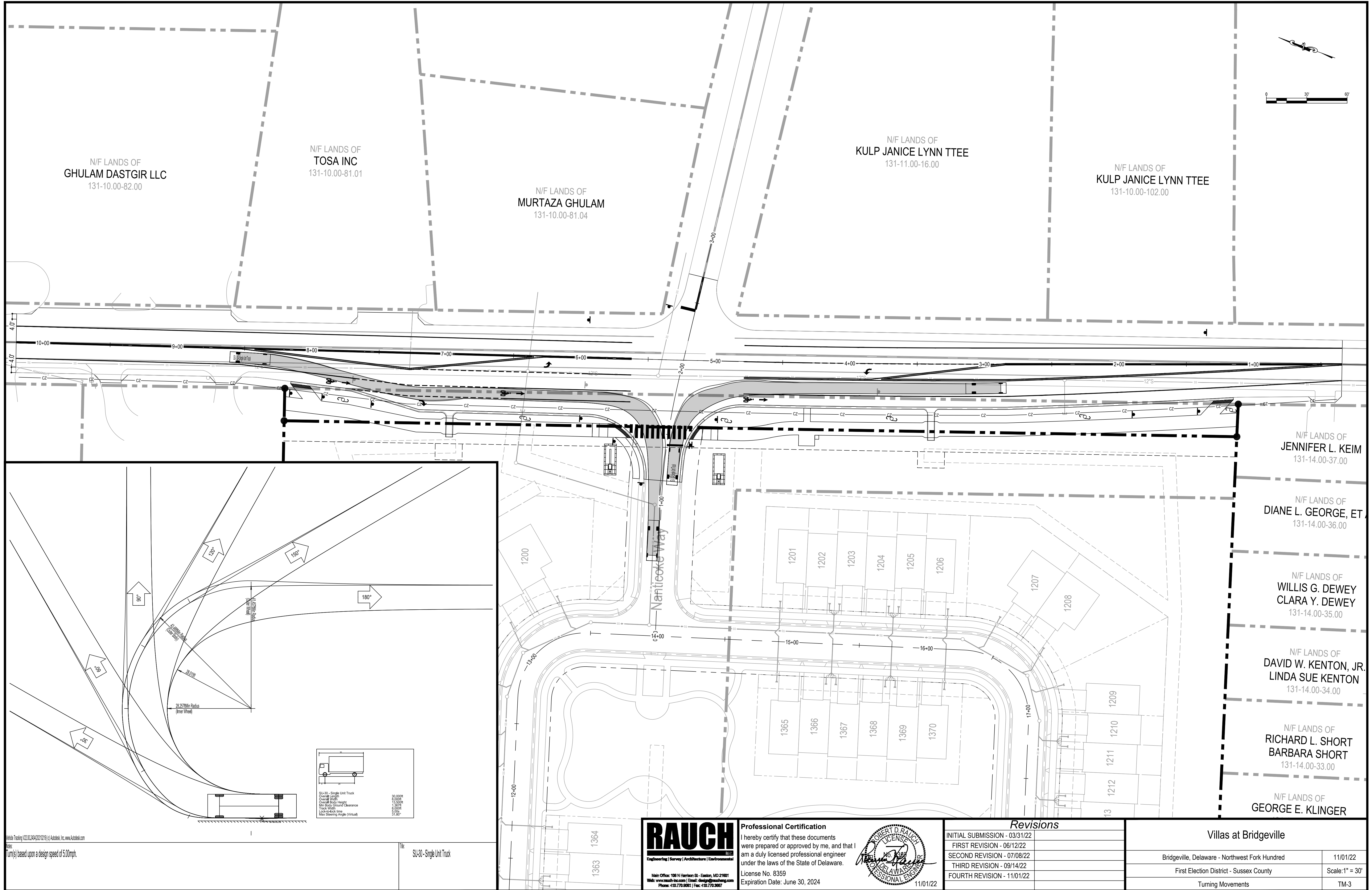
Main Office: 108 N. Harrison St. - Easton, MD 21601
Web: www.rauch-inc.com | Email: design@raucheng.com
Phone: +1-410-770-9091 | Fax: +1-410-770-9097

Professional Certification
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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-2



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

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131-14.00-37.00

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131-14.00-36.00

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CLARA Y. DEWEY
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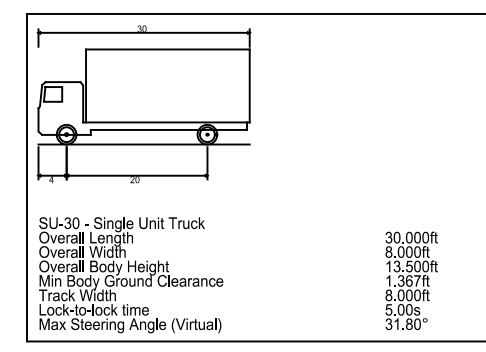
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LINDA SUE KENTON
131-14.00-34.00

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RICHARD L. SHORT
BARBARA SHORT
131-14.00-33.00

N/F LANDS OF
GEORGE E. KLINGER

Vehicle Tracking 12/10/2014 2:02:19 (c) Autodesk, Inc. www.autodesk.com

Notes:
(1) Turns based upon a design speed of 5.00mph.

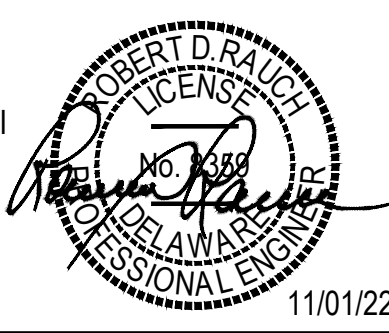


SU-30 - Single Unit Truck

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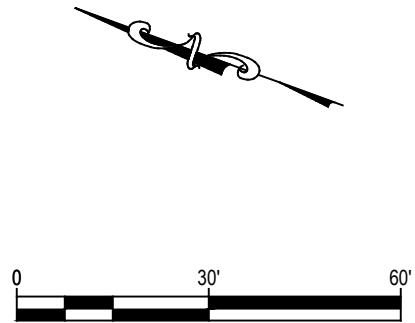
Main Office: 108 N. Harrison St. - Eselon, MD 21601
Web: www.rauch-hcc.com | Email: design@rauchhcc.com
Phone: +1301.770.9091 | Fax: +1301.770.9097

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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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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
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131-14.00-37.00

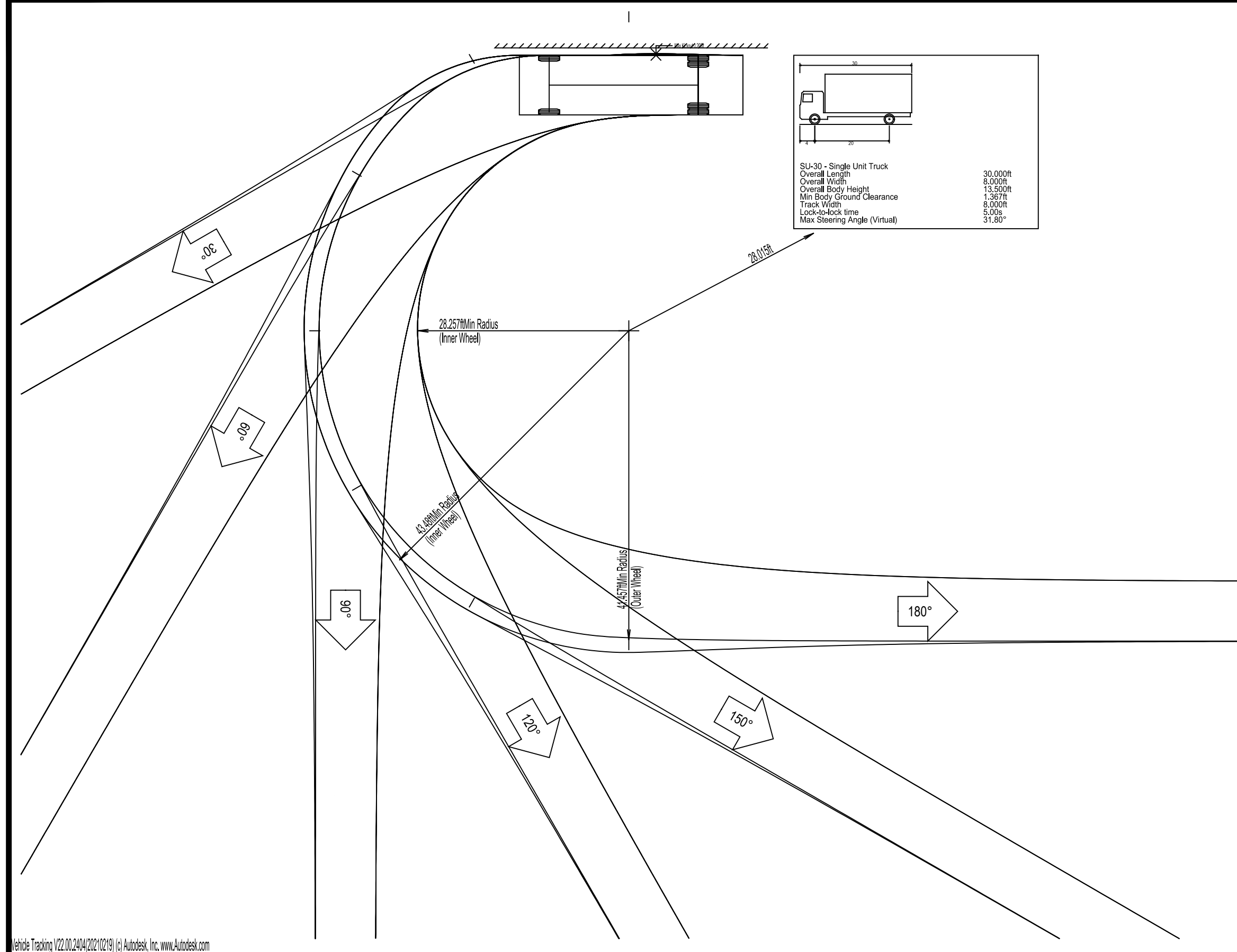
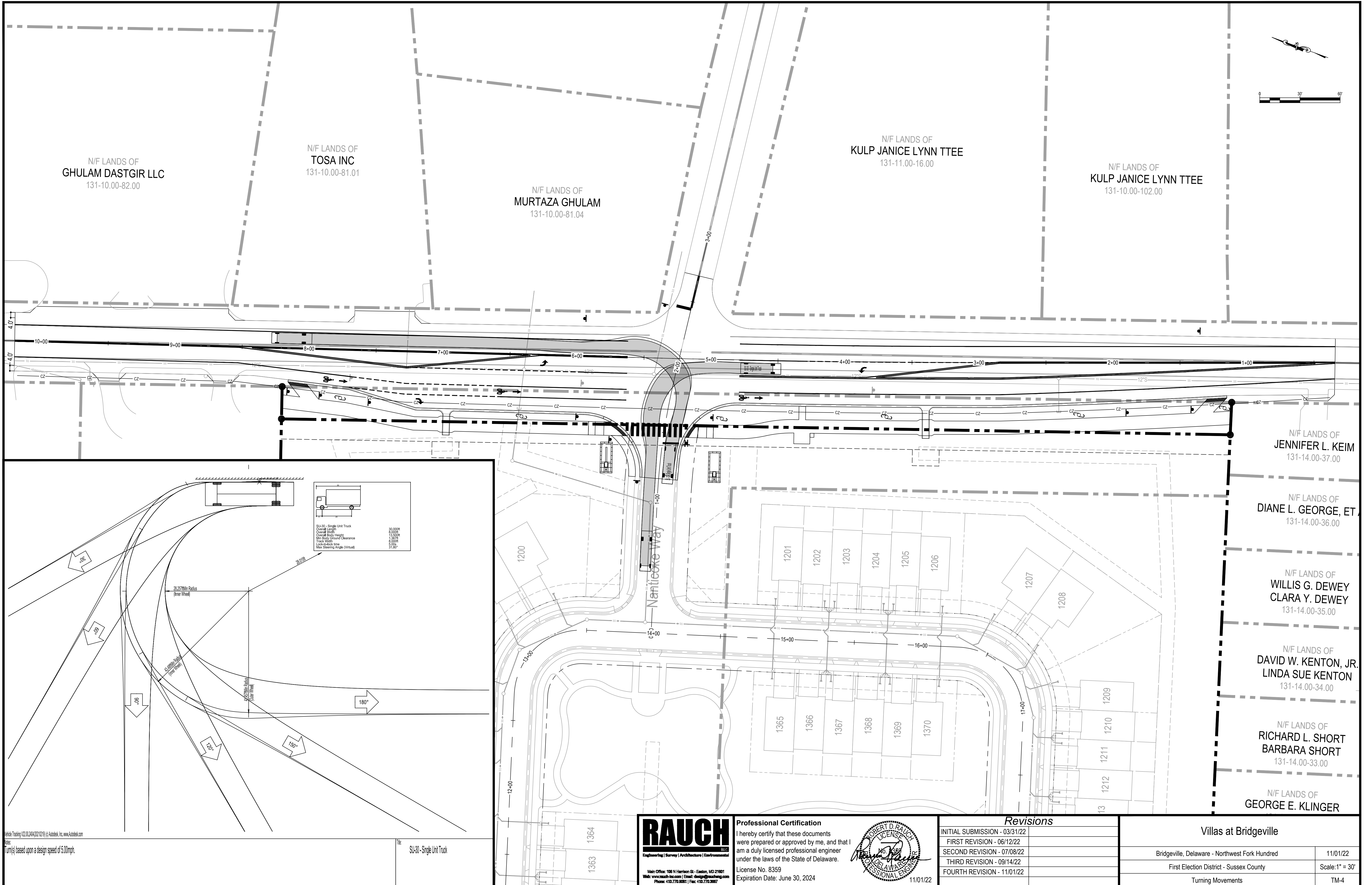
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131-14.00-36.00

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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



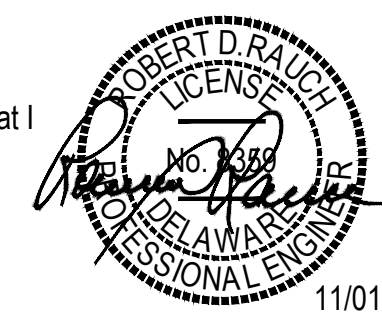
SU-30 - Single Unit Truck	
Overall Length	20.000'
Overall Width	8.000'
Overall Body Height	11.500'
Min Body Ground Clearance	1.300'
Truck Width	8.000'
Lock-back time	5.000'
Max Steering Angle (Virtual)	31.00°

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

SU-30 - Single Unit Truck



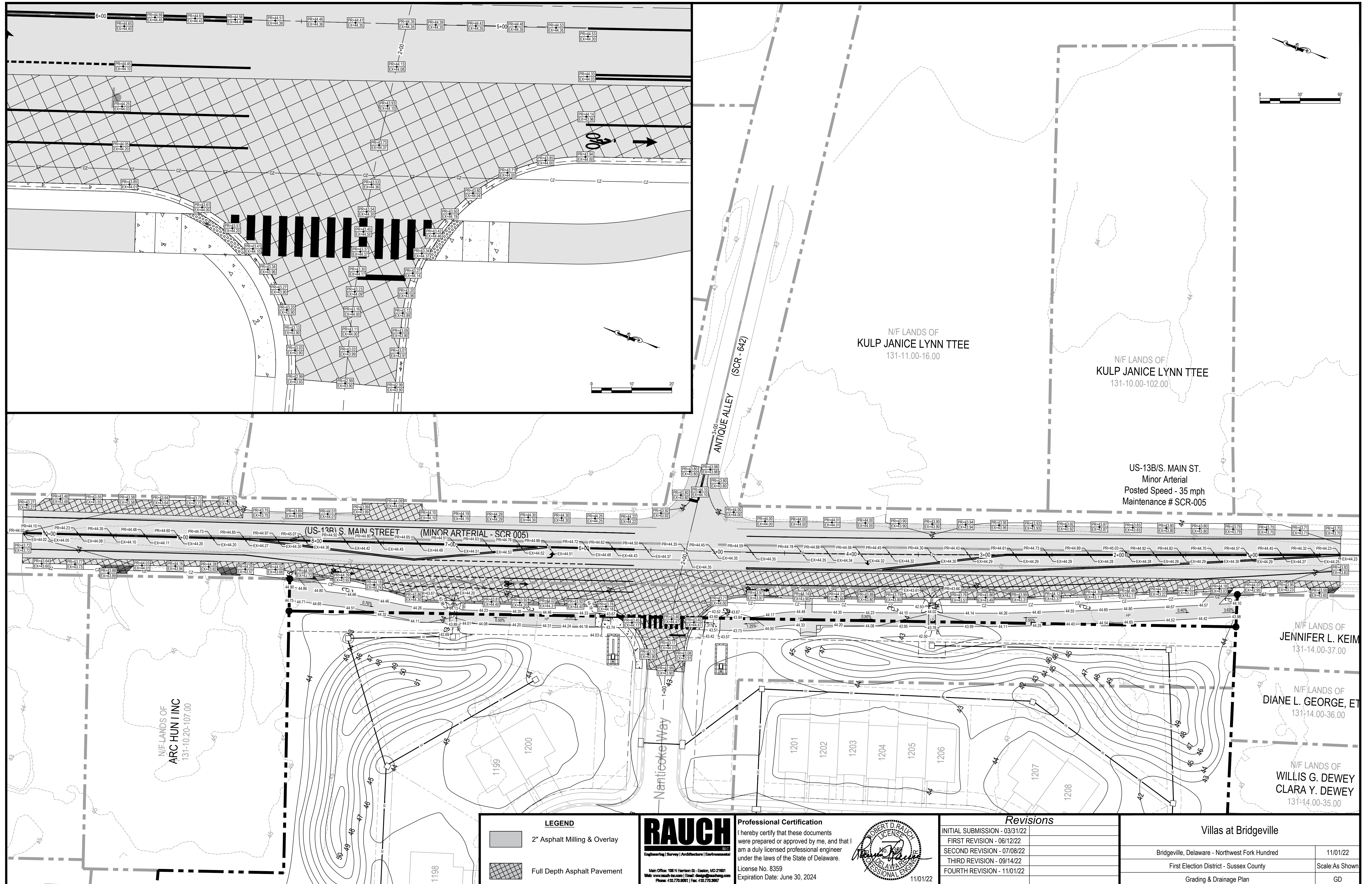
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FOURTH REVISION - 11/01/22	

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

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



LEGEND

	2" Asphalt Milling & Overlay
	Full Depth Asphalt Pavement

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Professional Certification

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License No. 8359
 Expiration Date: June 30, 2024

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

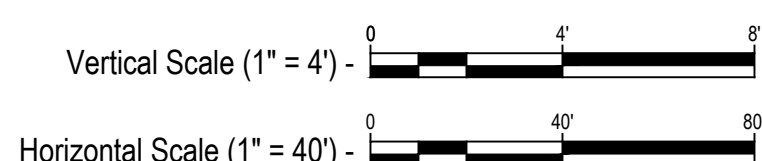
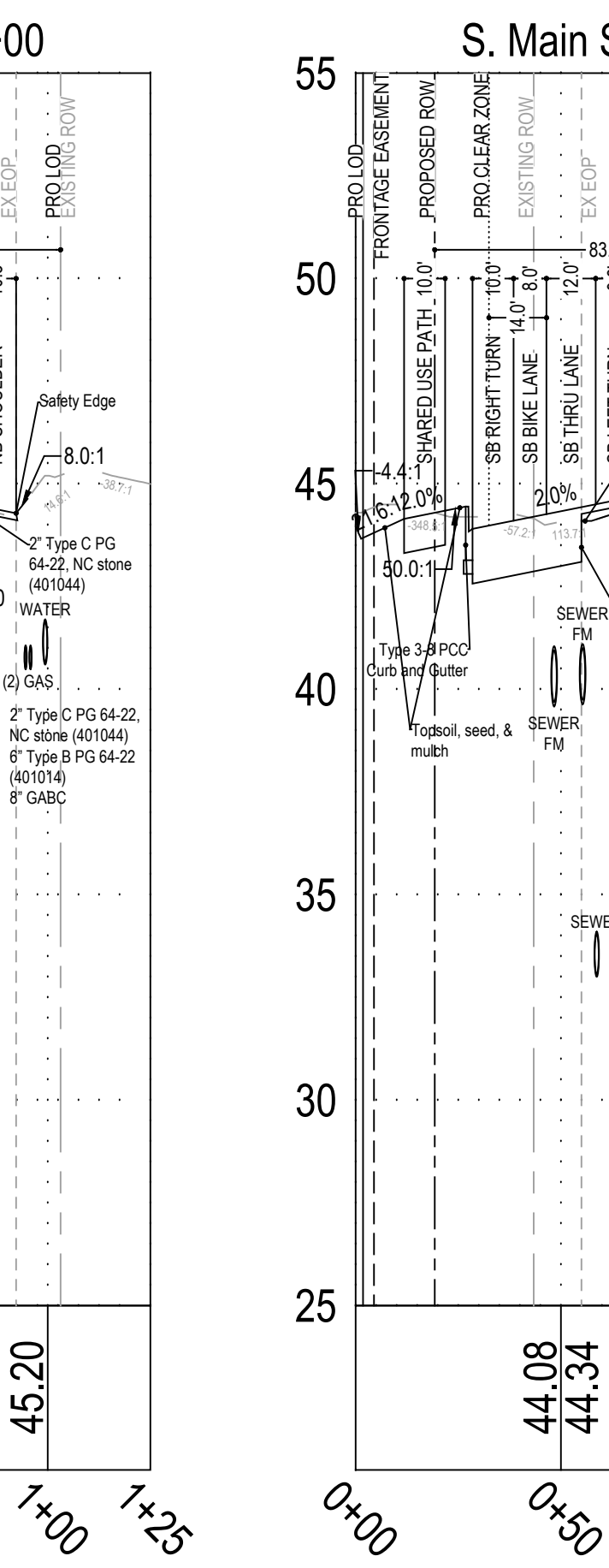
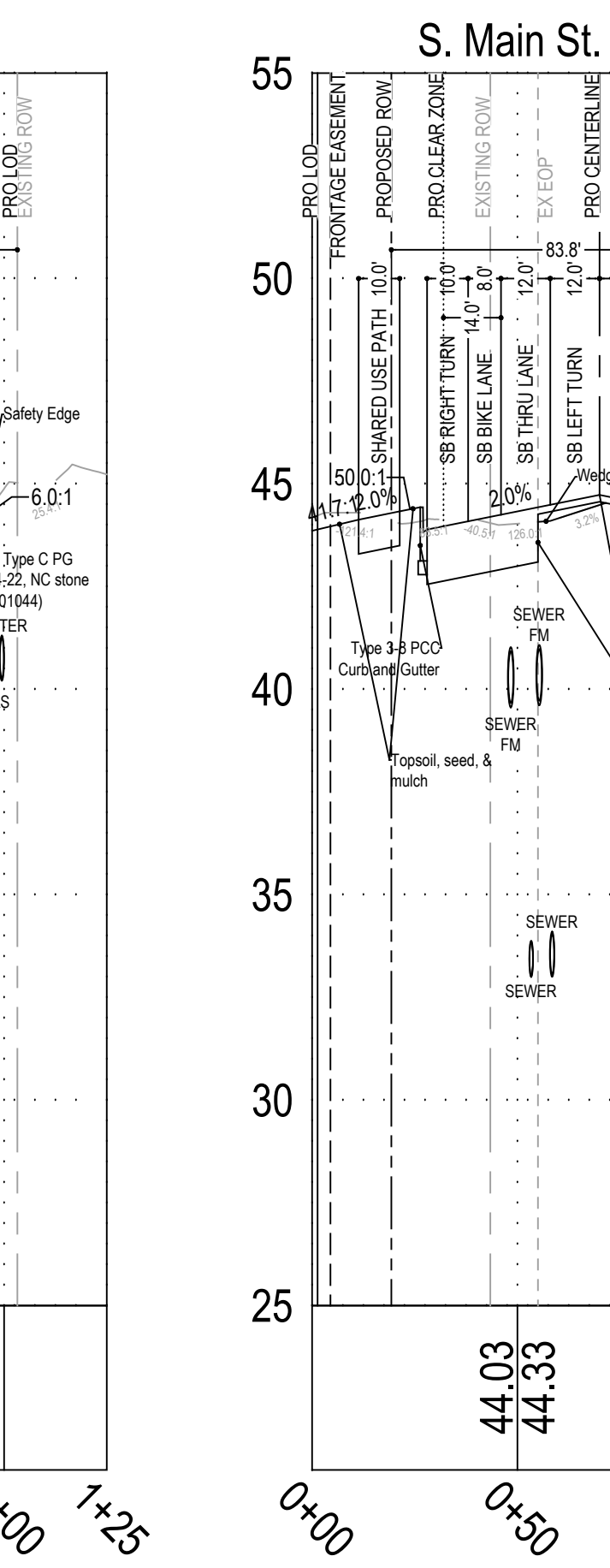
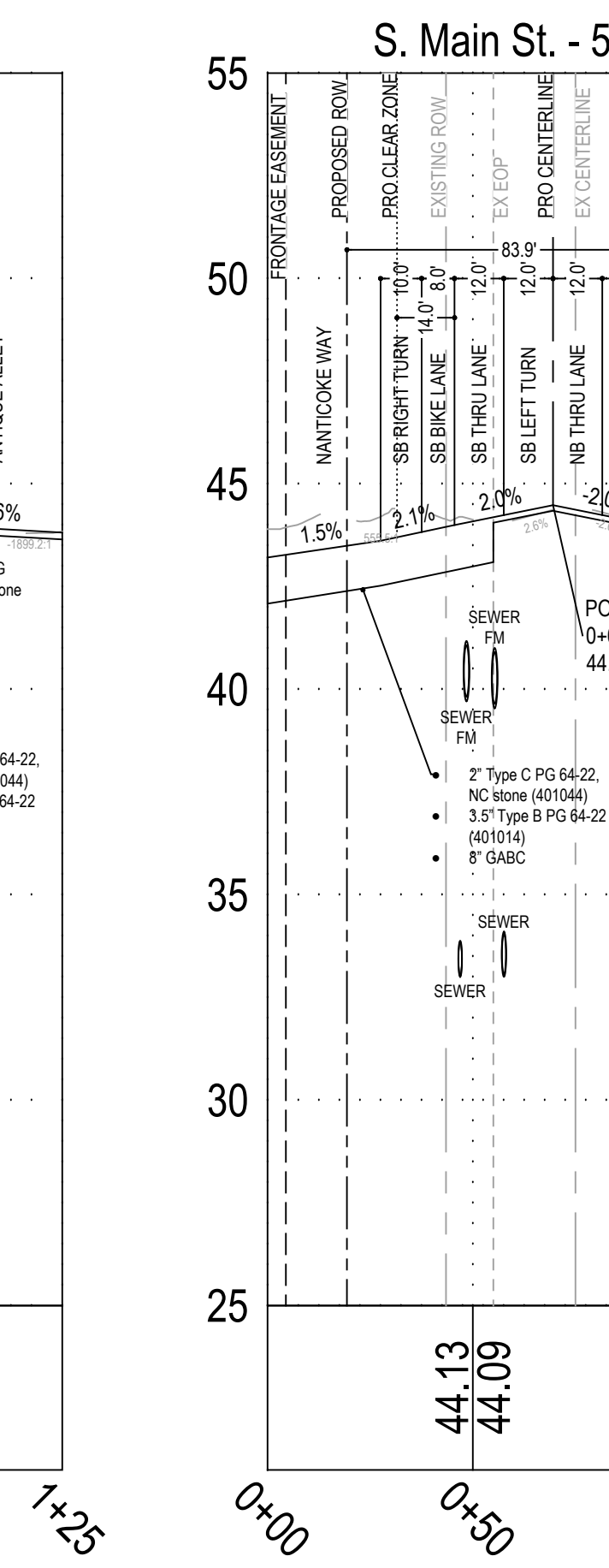
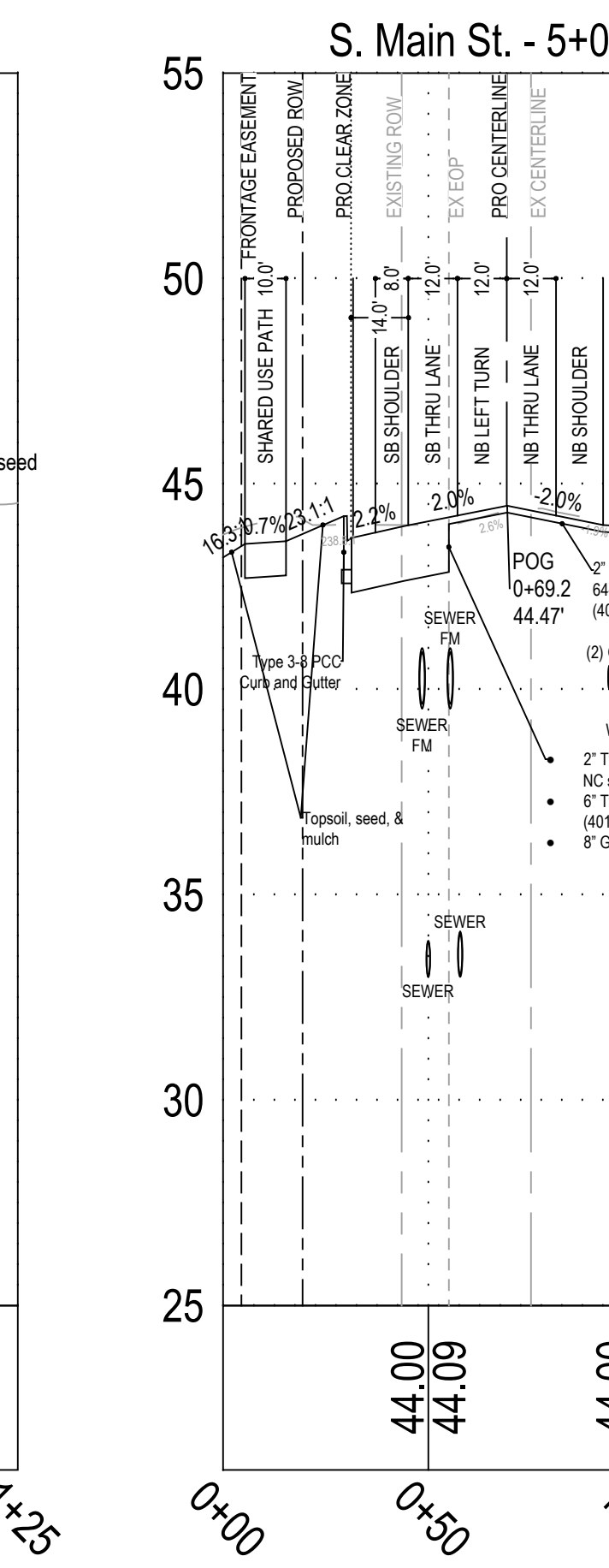
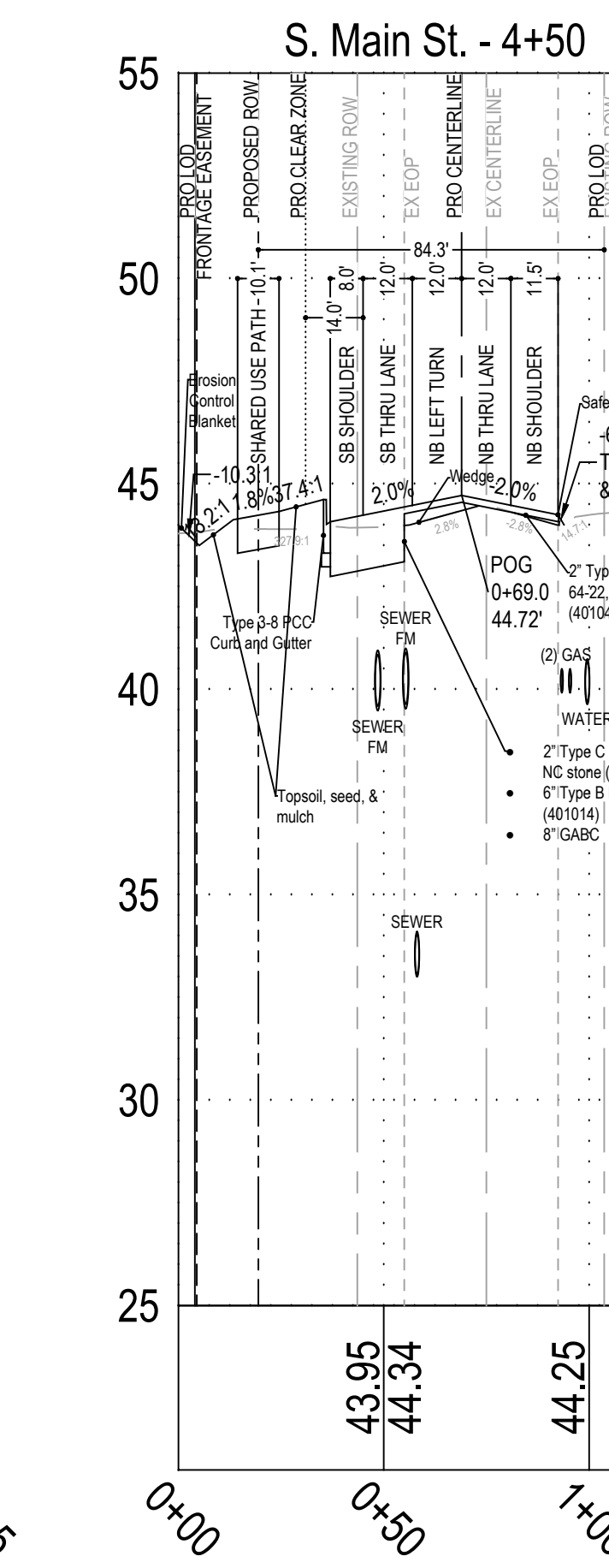
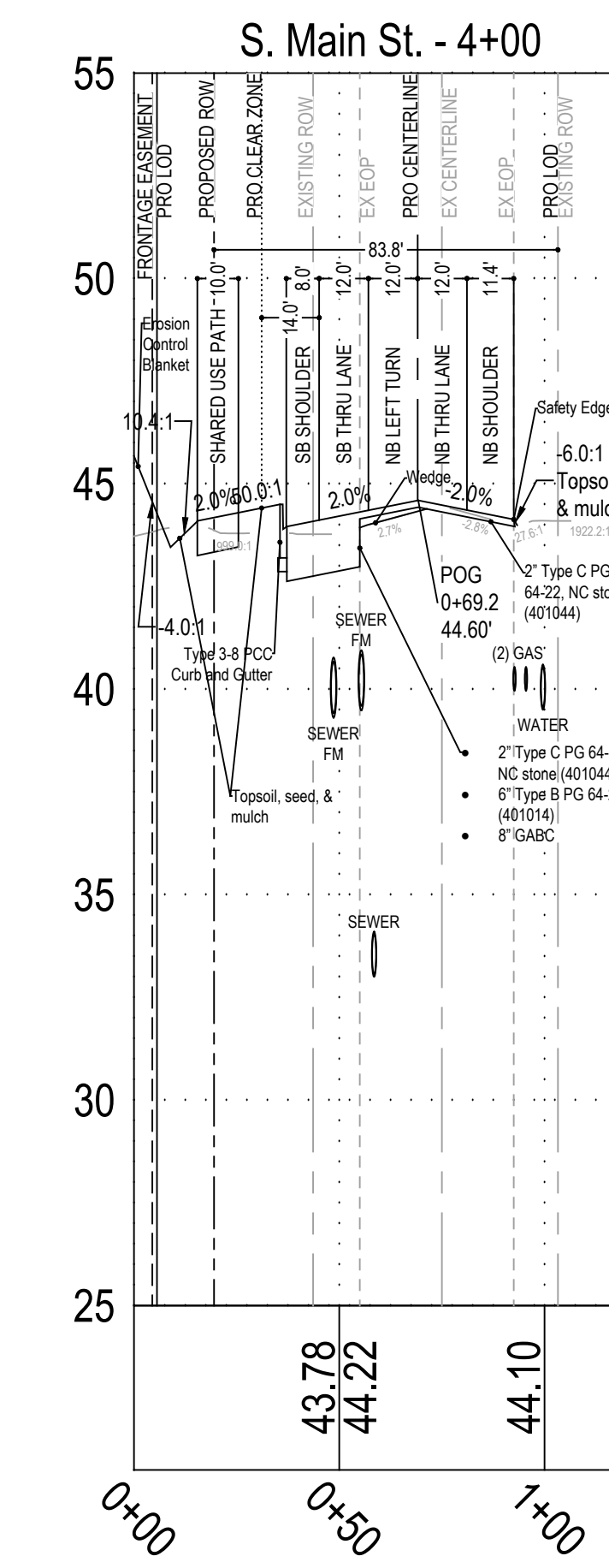
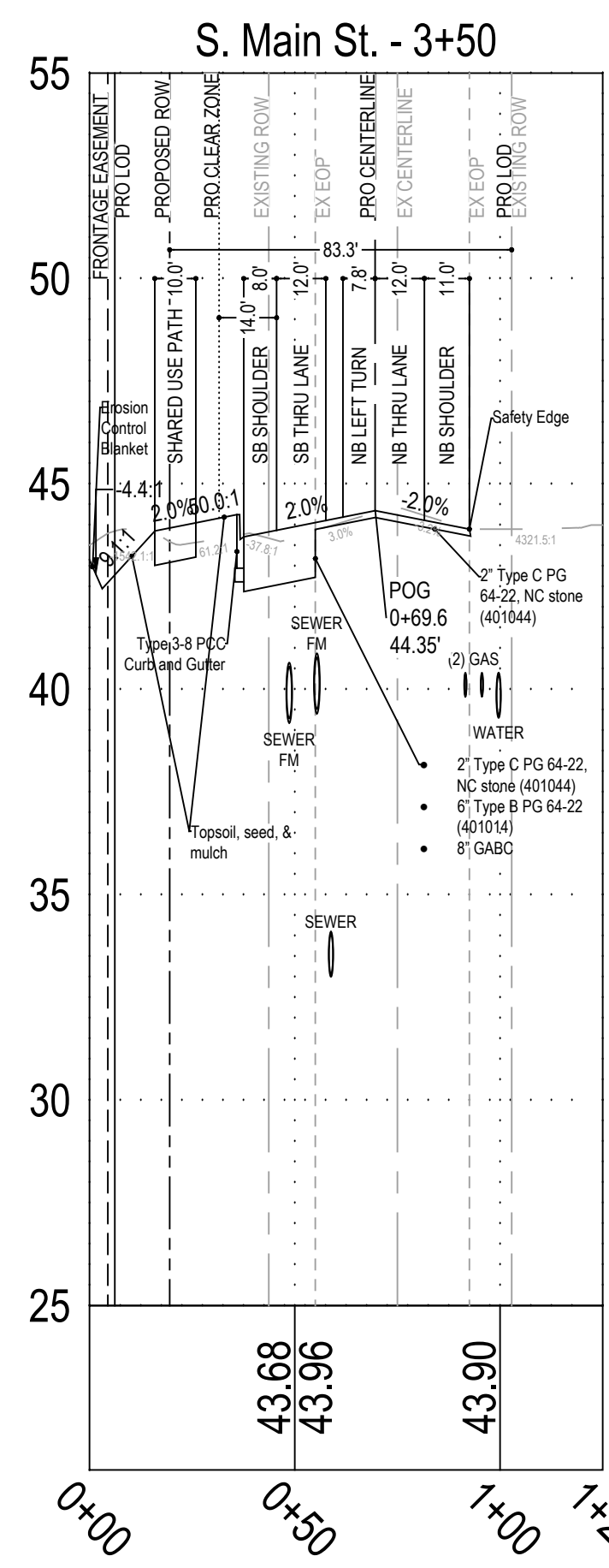
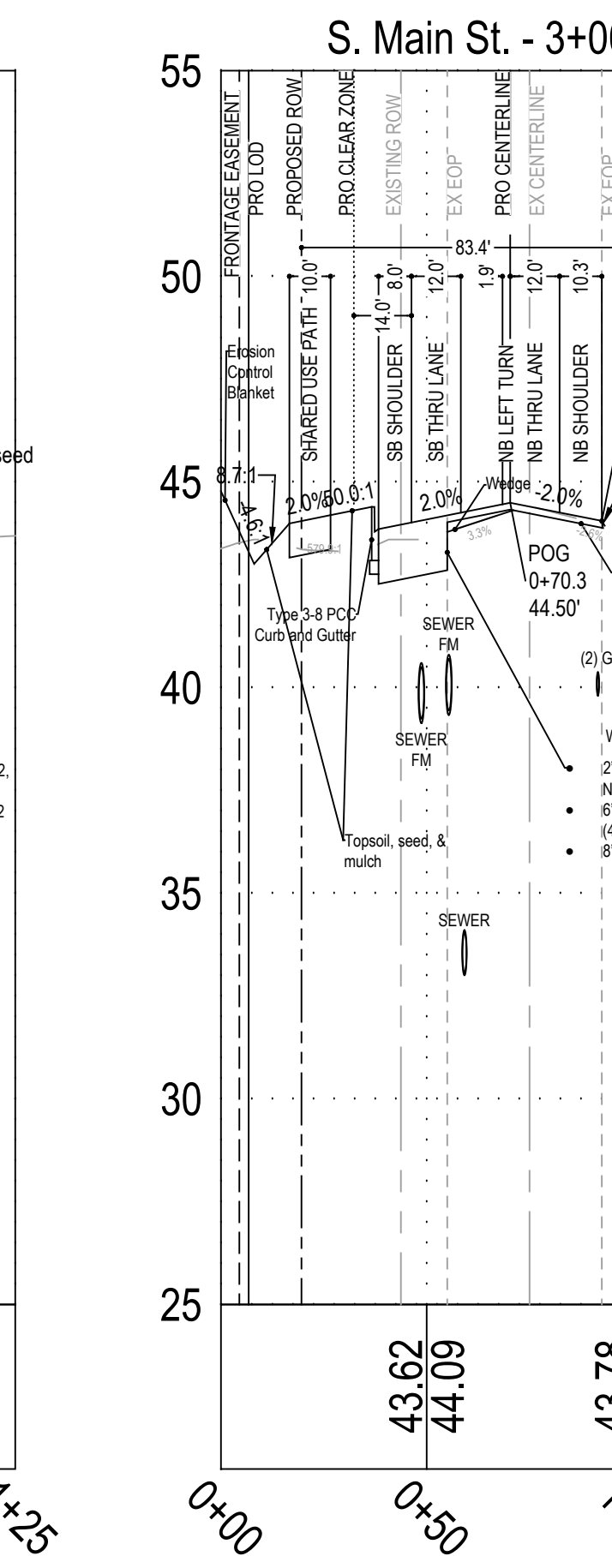
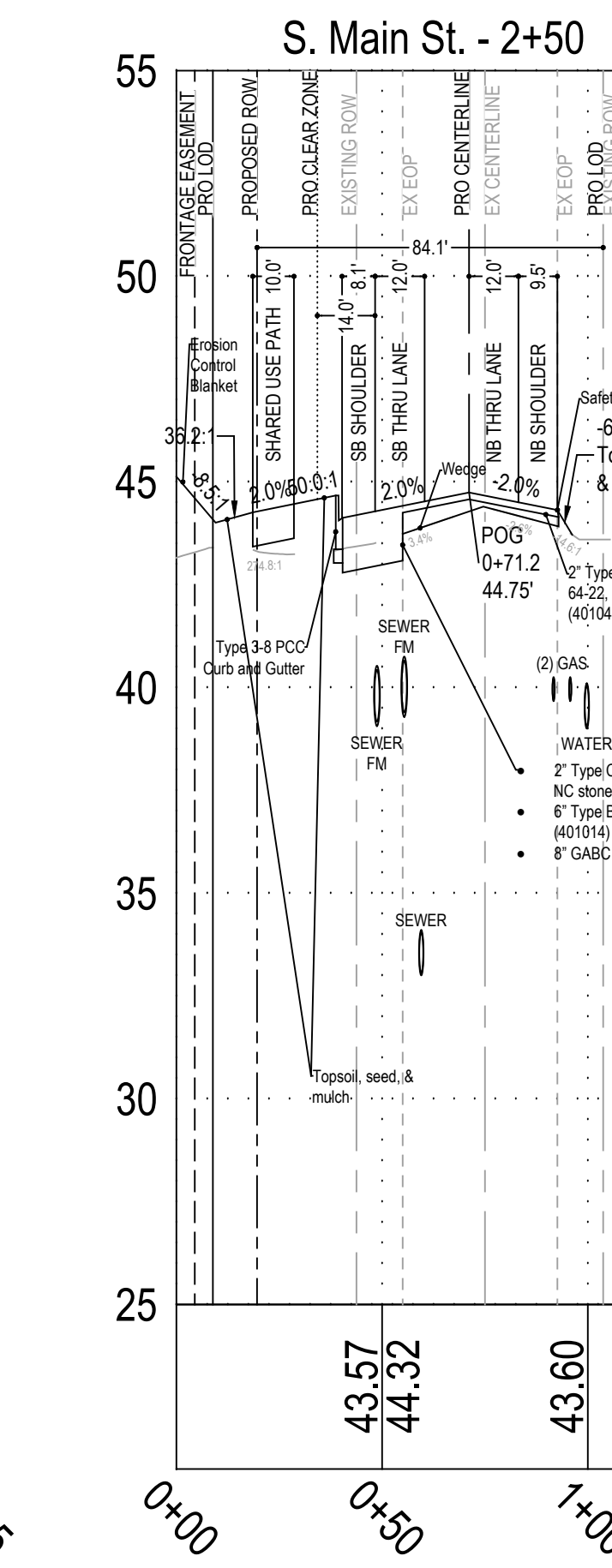
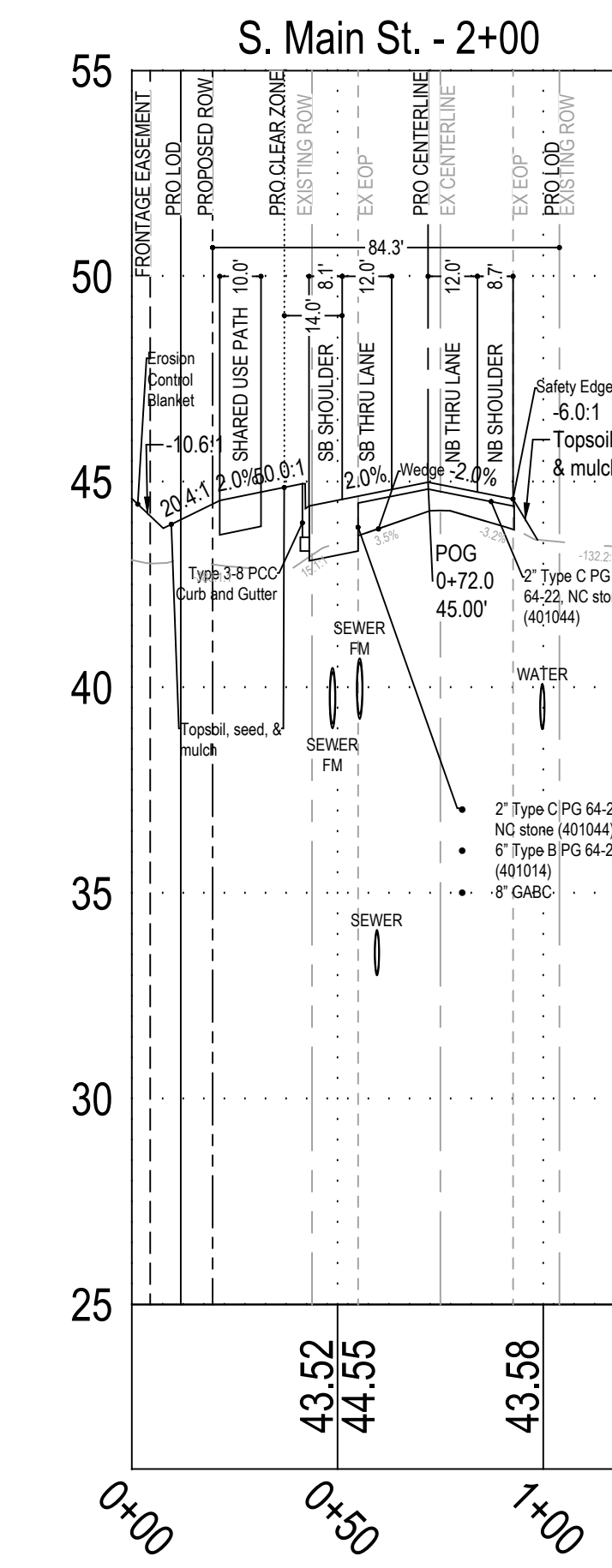
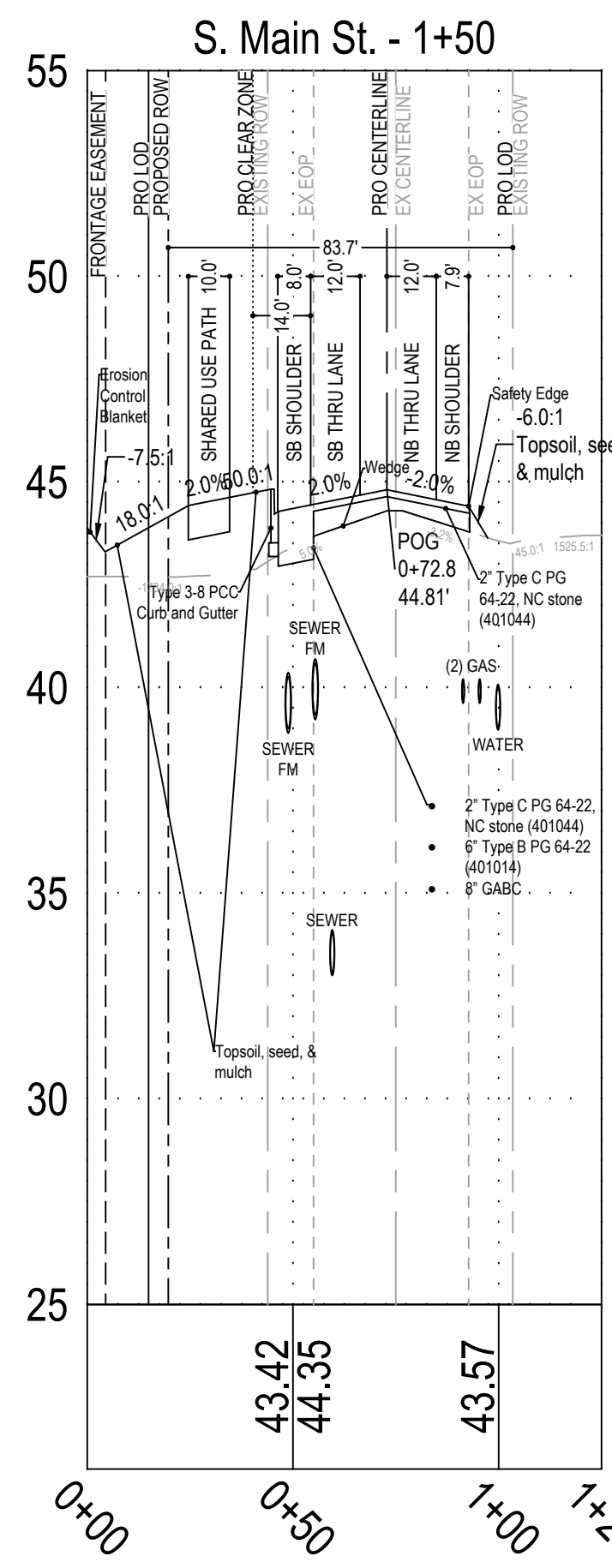
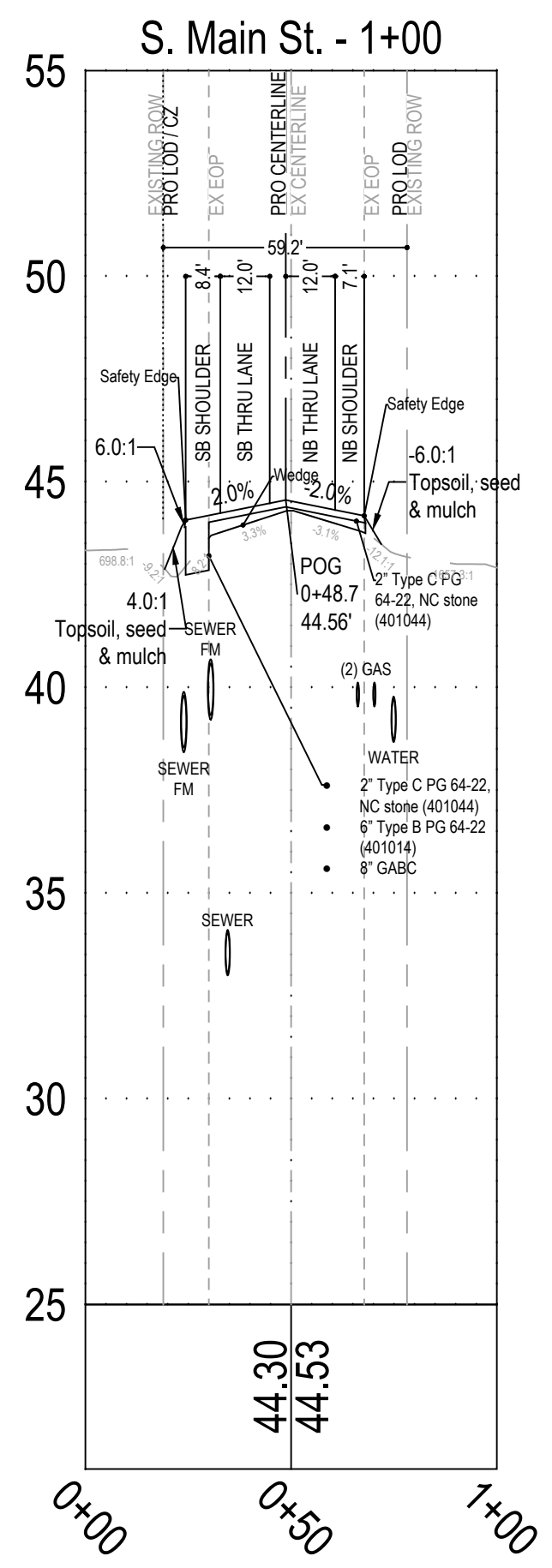
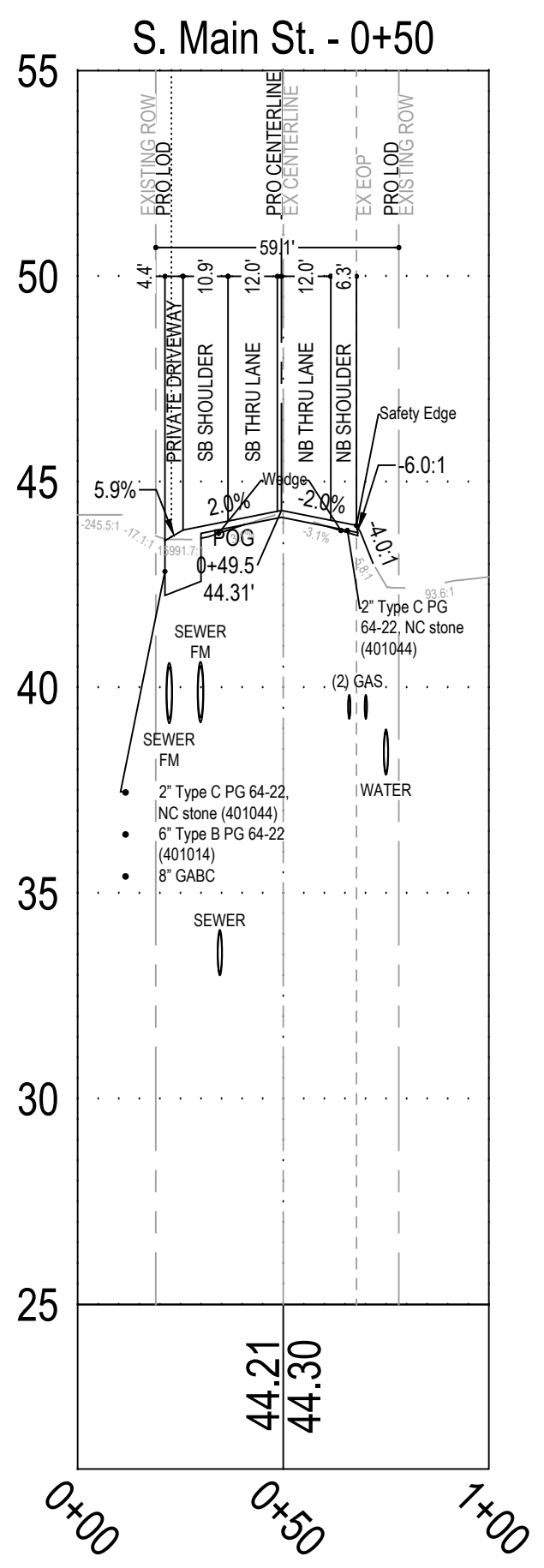
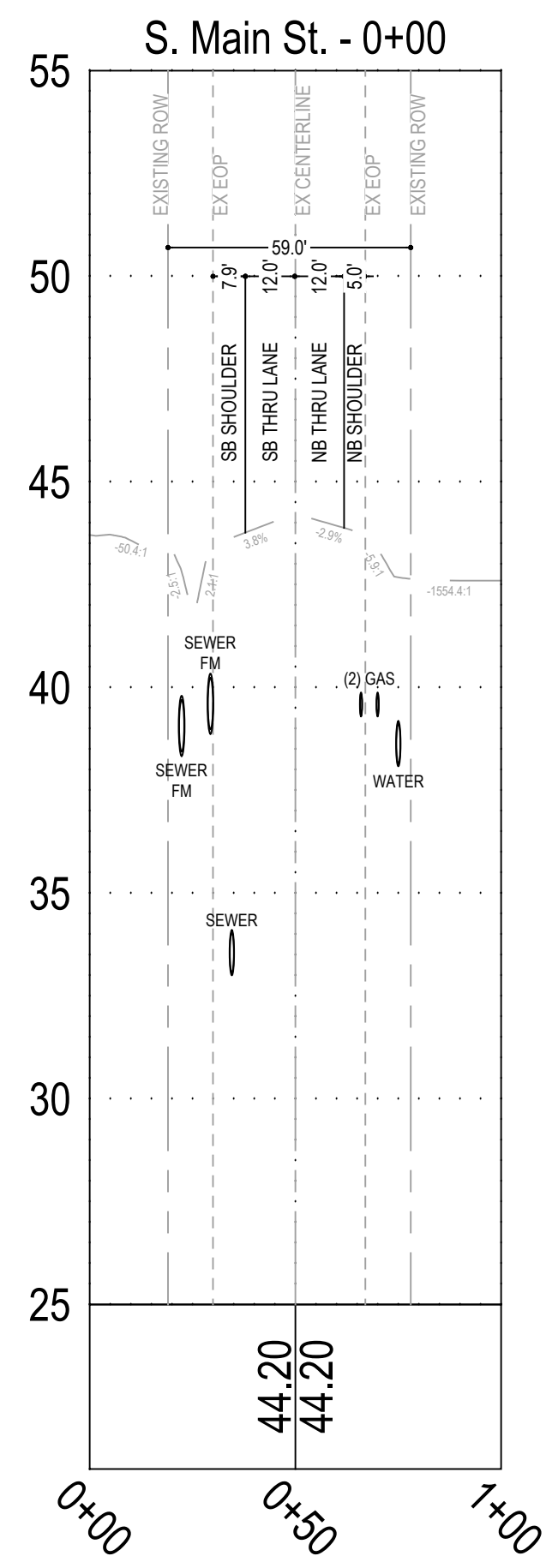
Revisions

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	

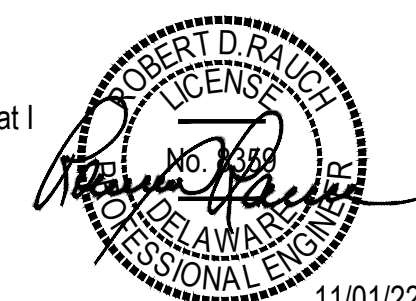
Villas at Bridgeville

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

NOTE: DEPTH OF UTILITIES UNCONFIRMED



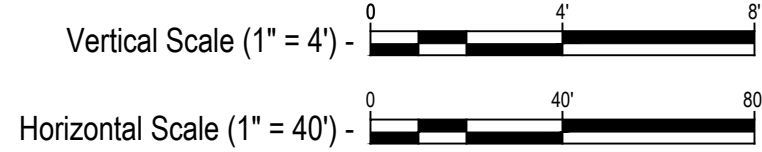
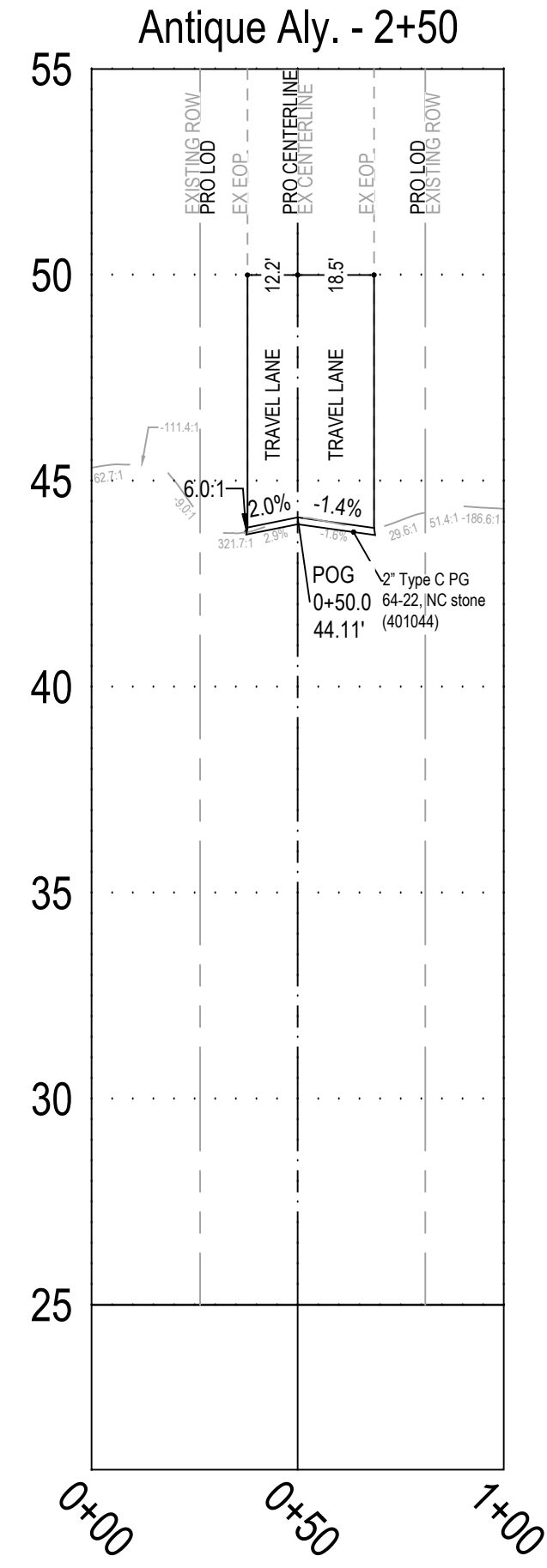
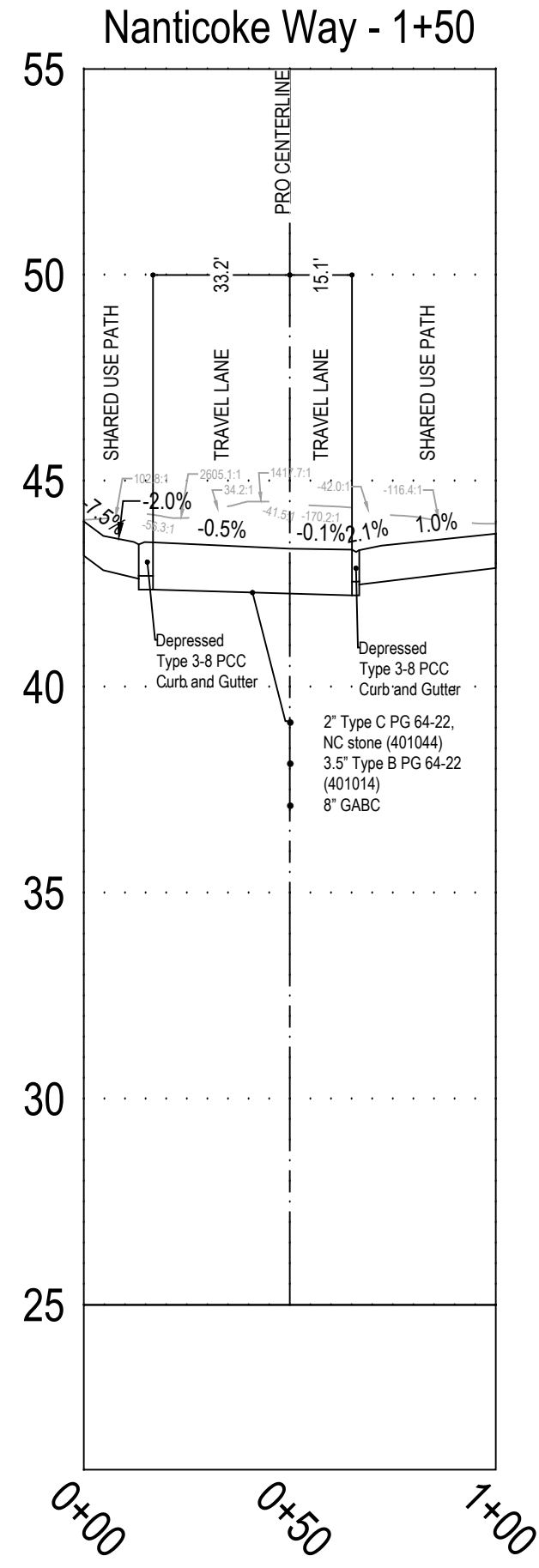
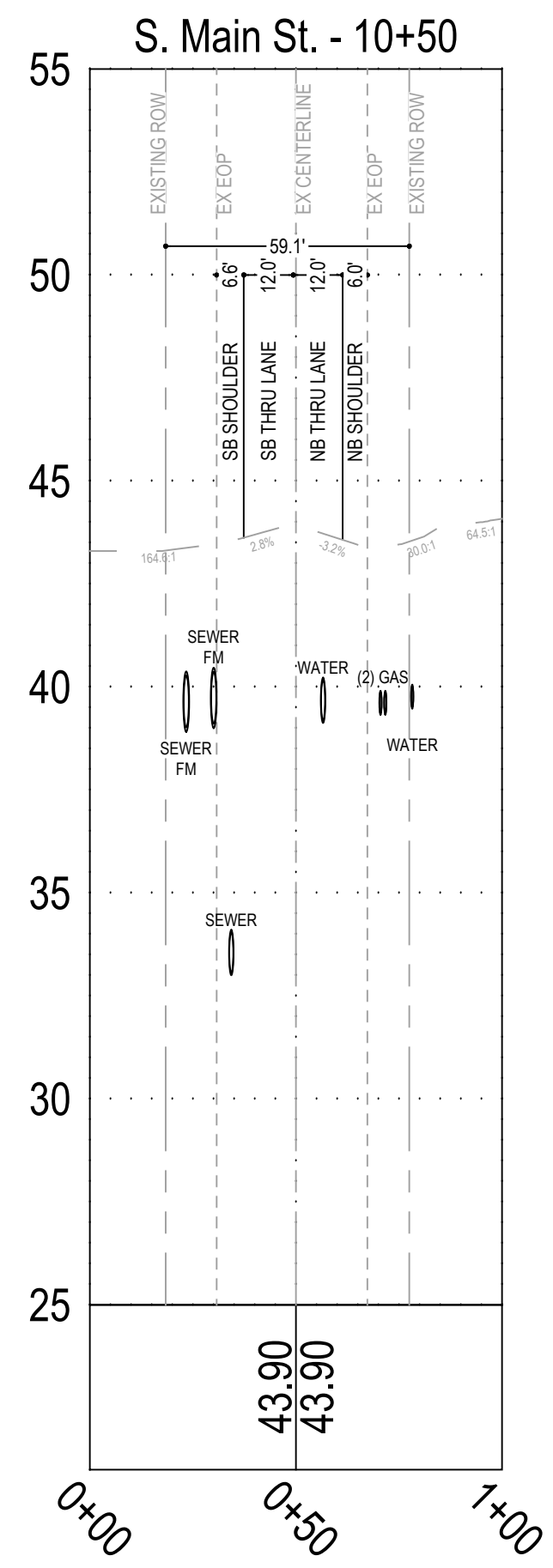
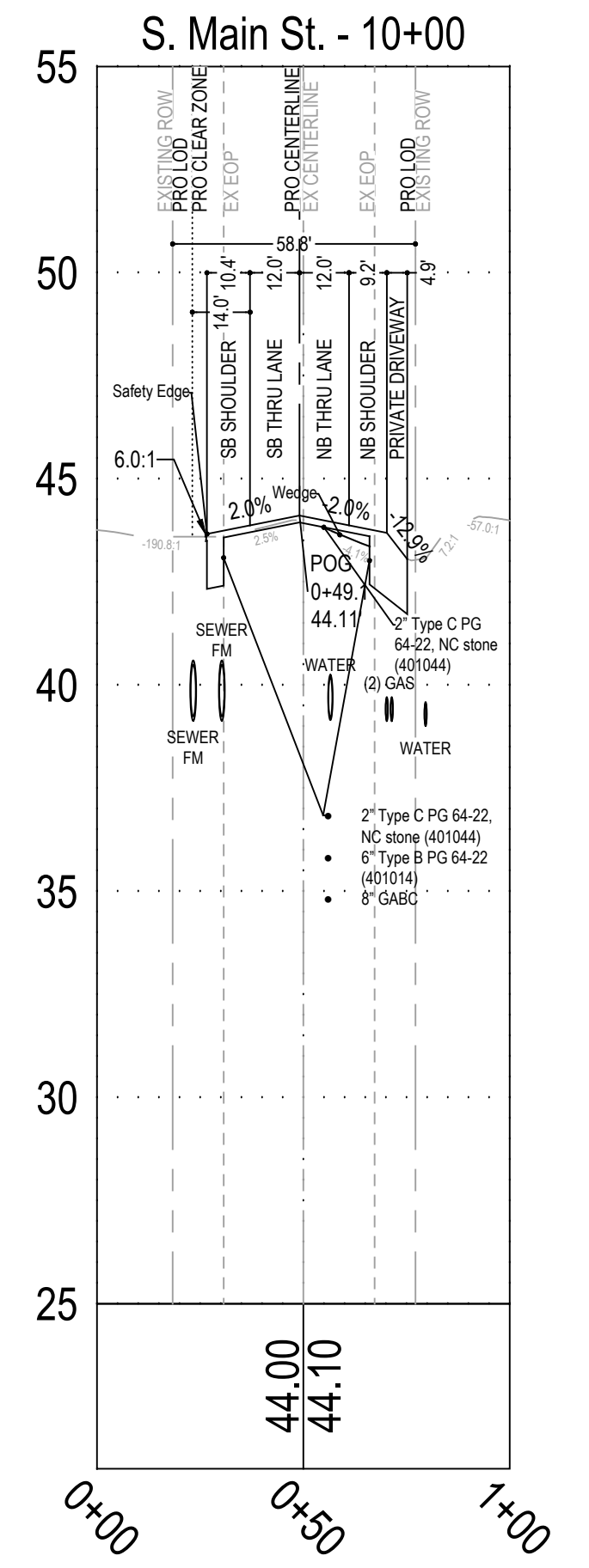
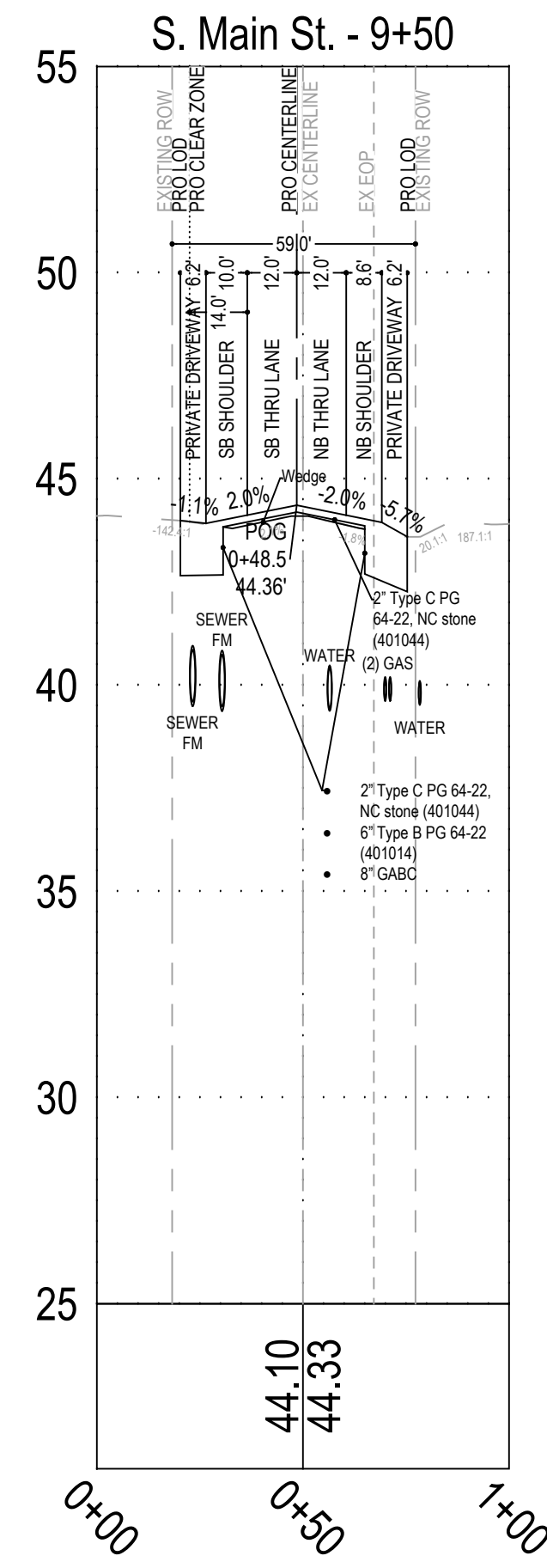
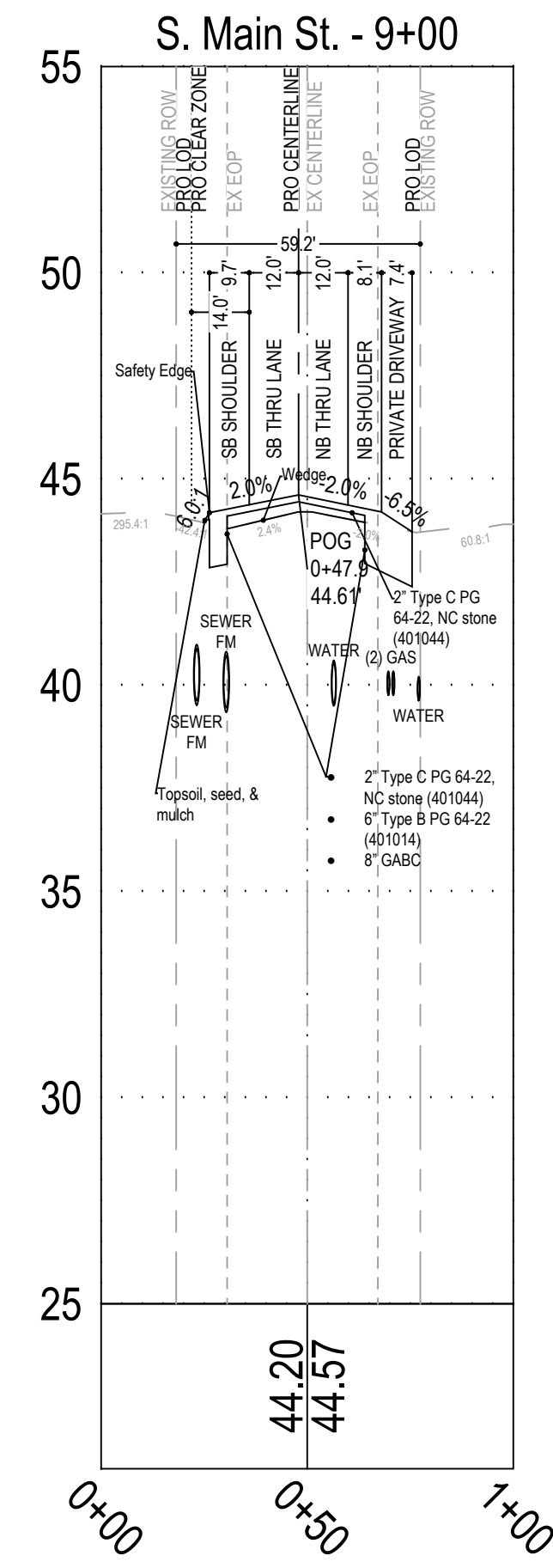
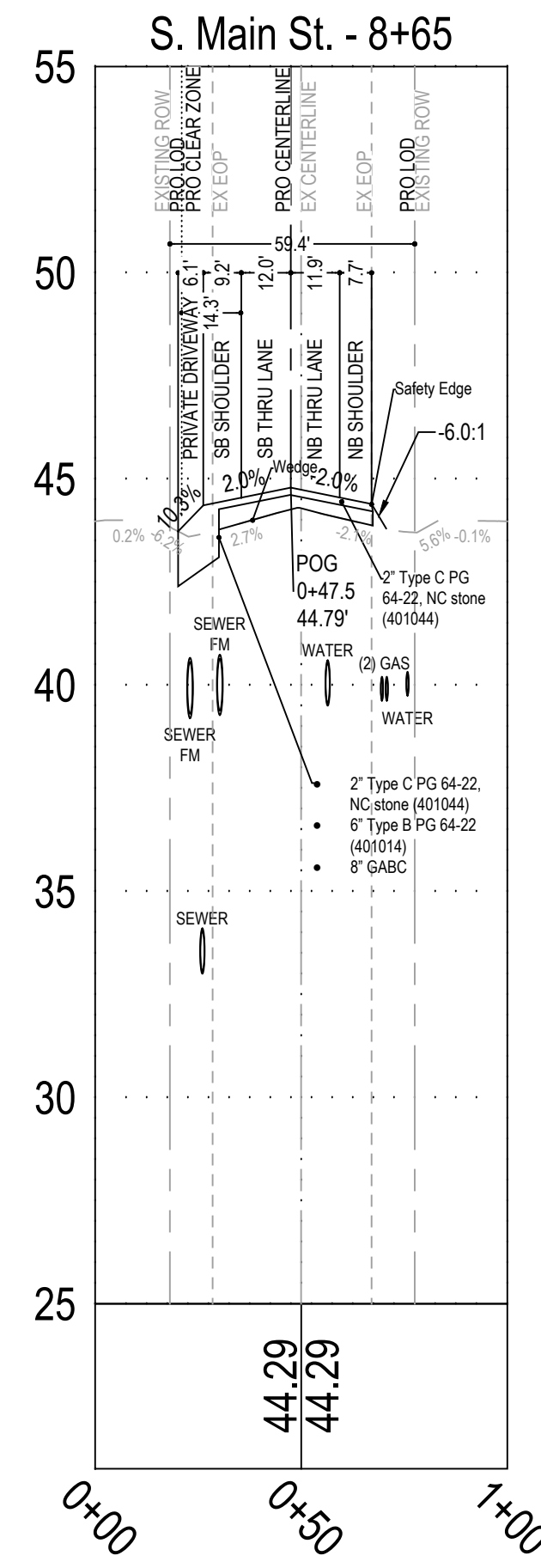
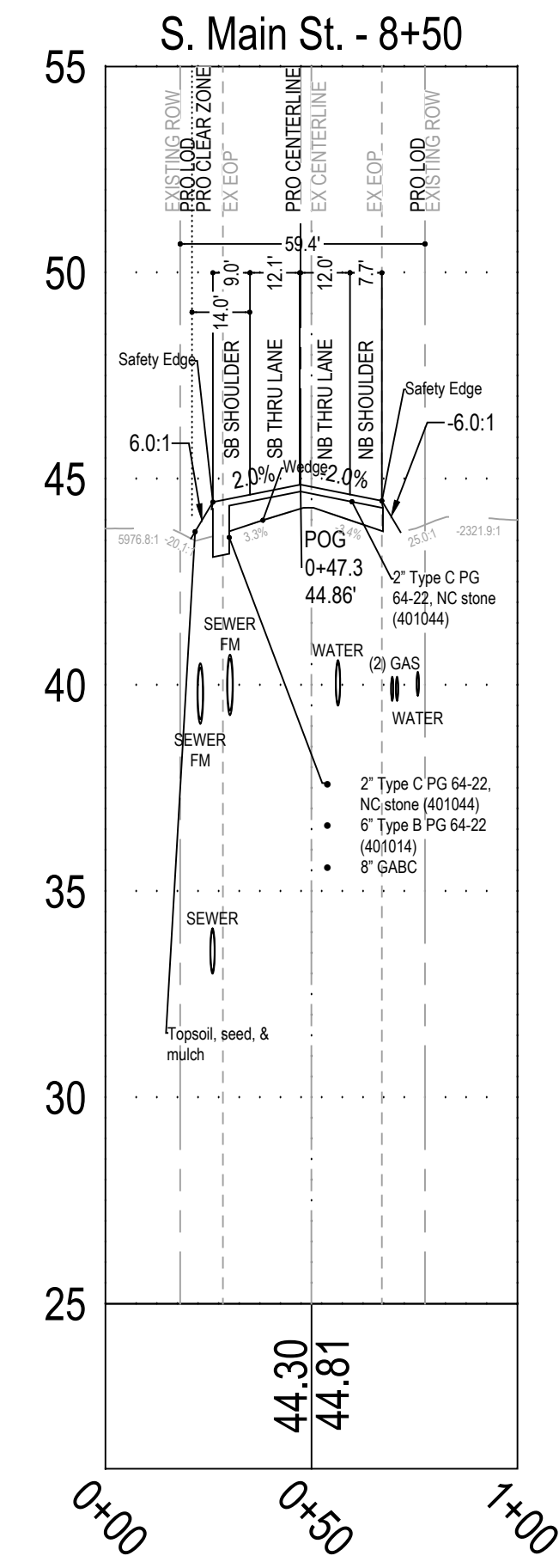
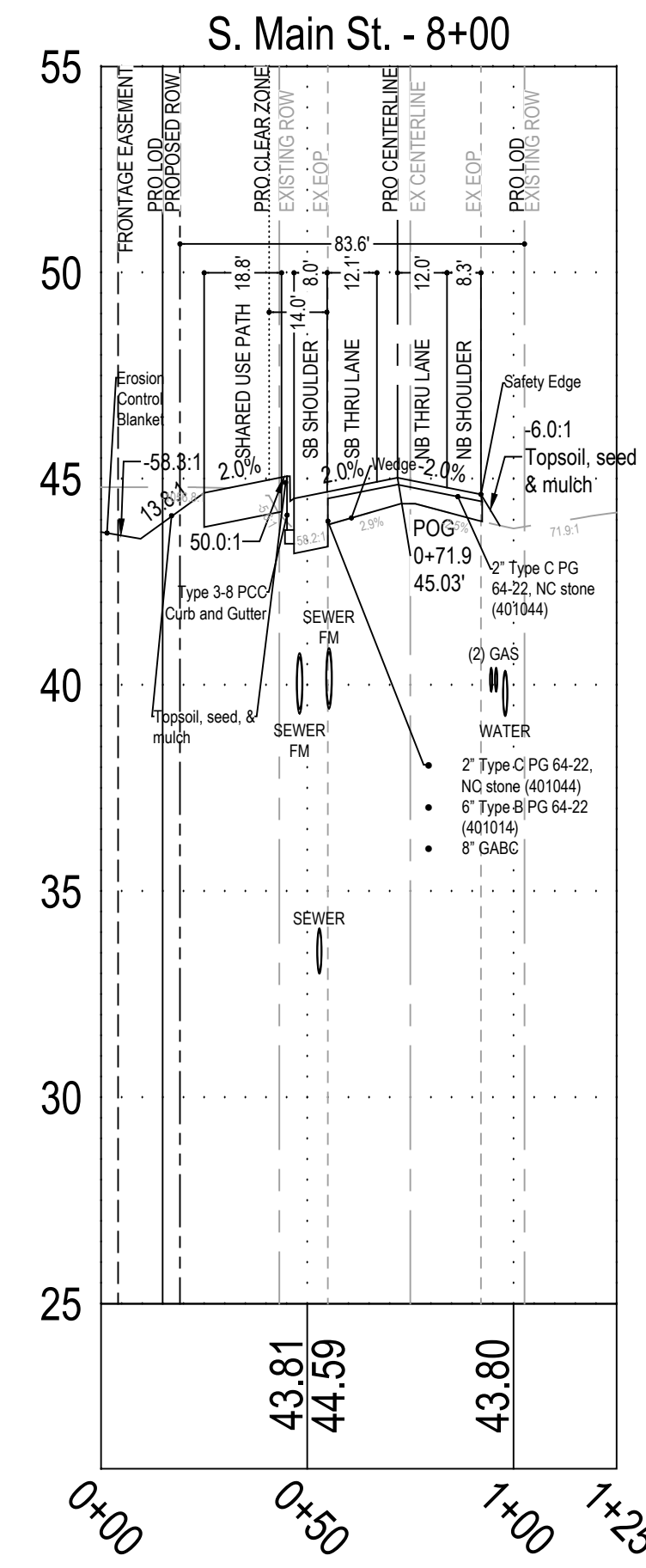
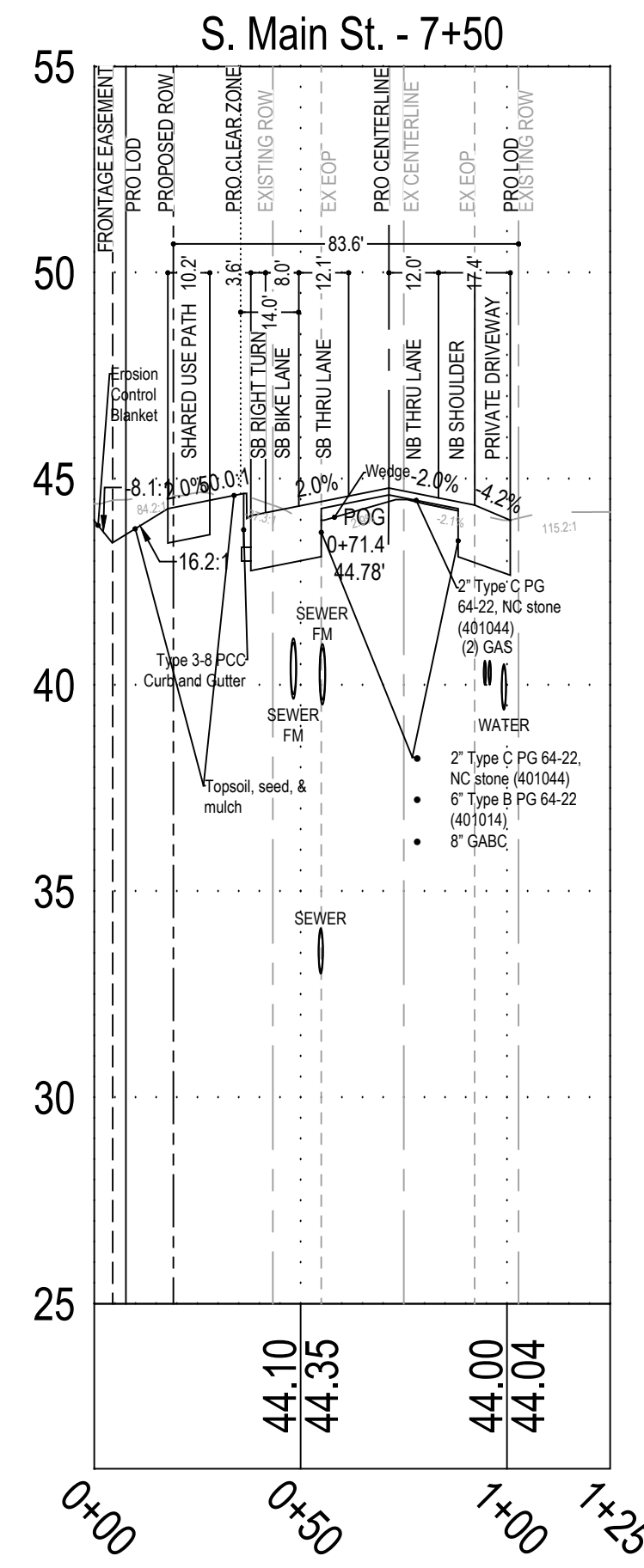
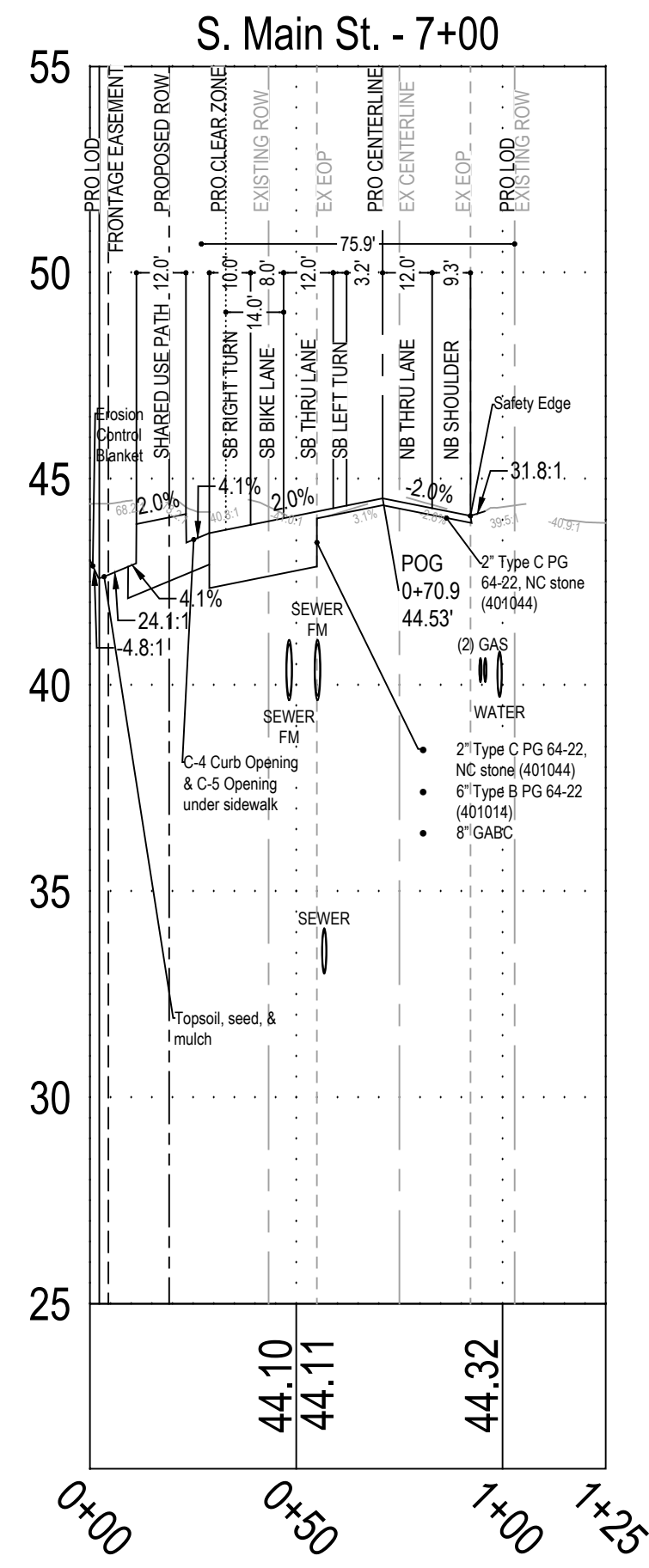
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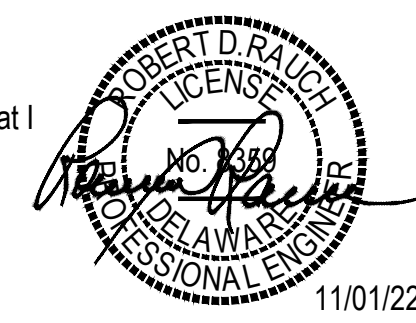
Revisions	
INITIAL SUBMISSION - 03/31/22	
FIRST REVISION - 06/12/22	
SECOND REVISION - 07/08/22	
THIRD REVISION - 09/14/22	
FOURTH REVISION - 11/01/22	

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

NOTE: DEPTH OF UTILITIES UNCONFIRMED



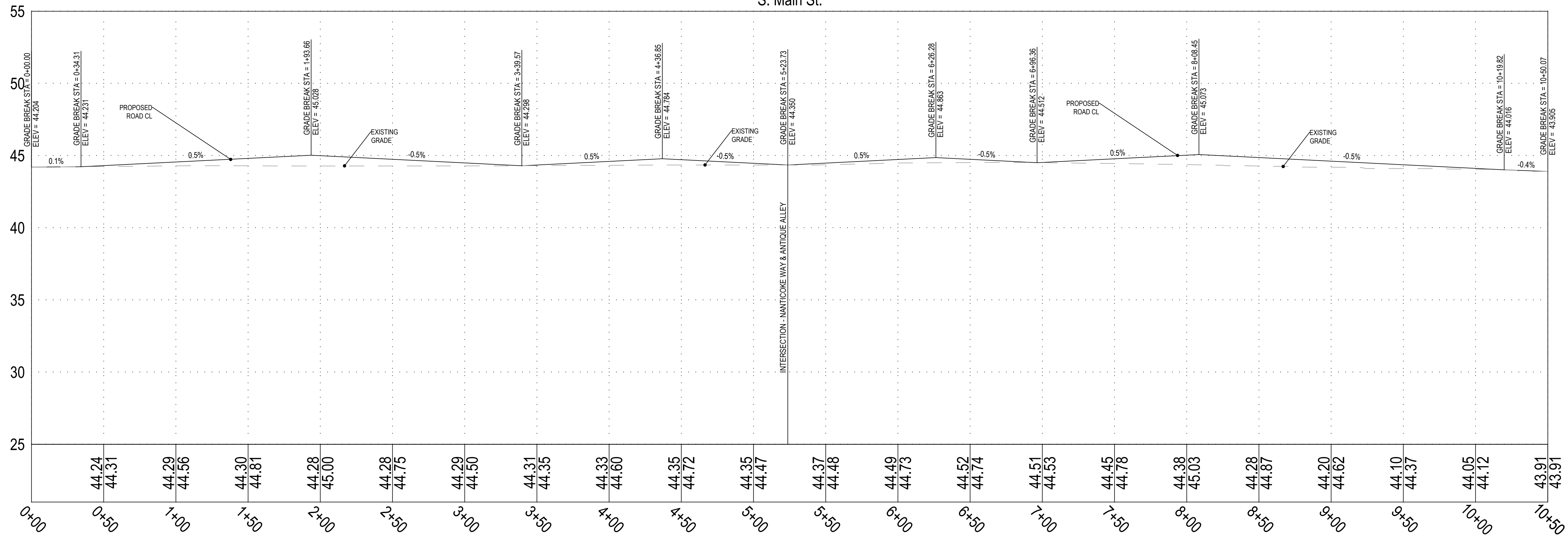
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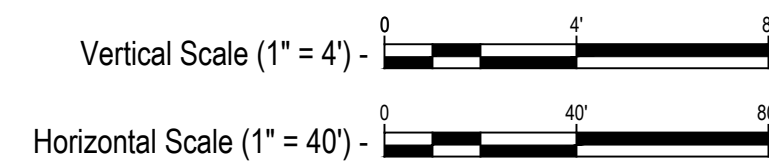
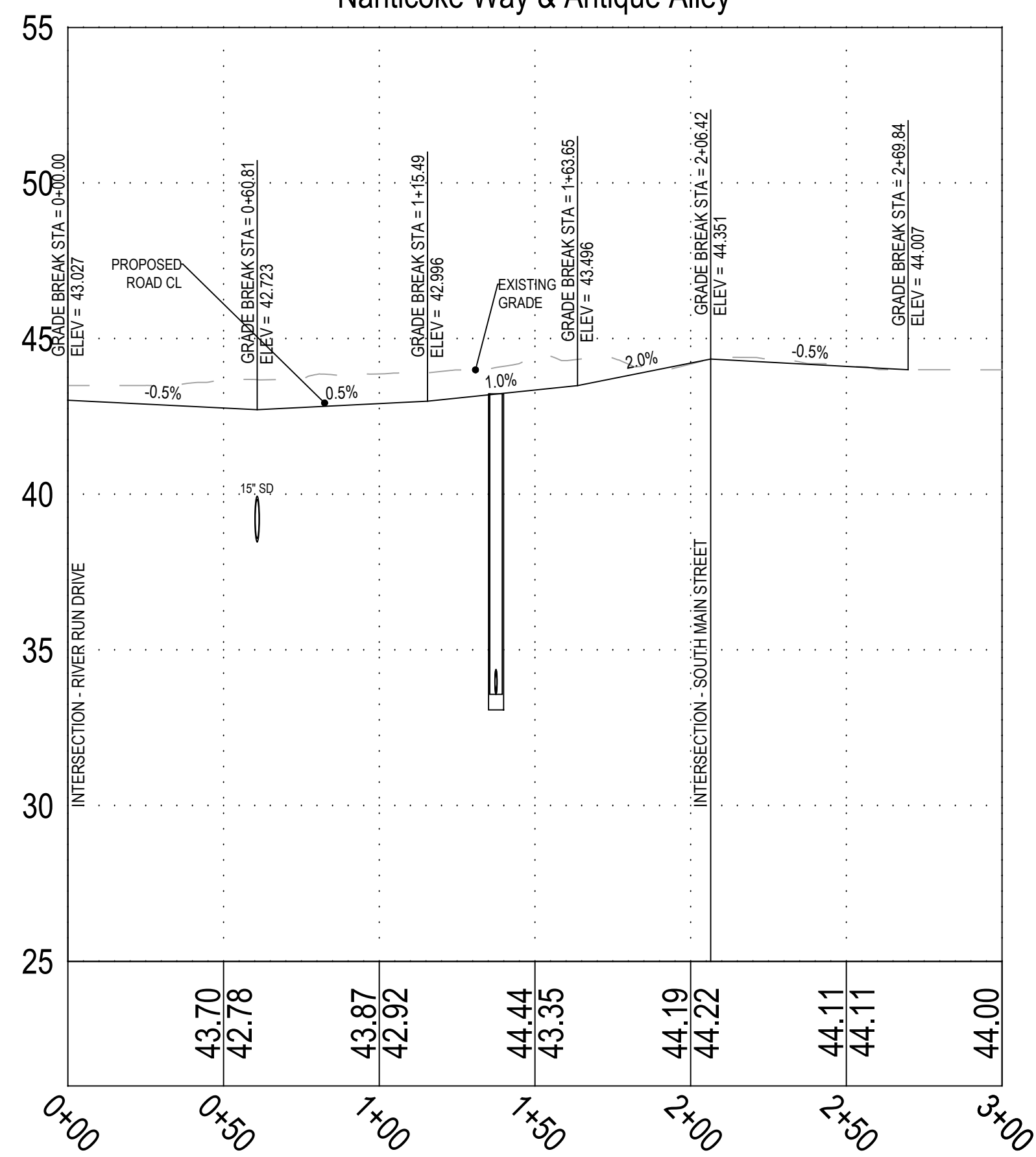
Revisions	
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SECOND REVISION - 07/08/22	
THIRD REVISION - 09/14/22	
FOURTH REVISION - 11/01/22	

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

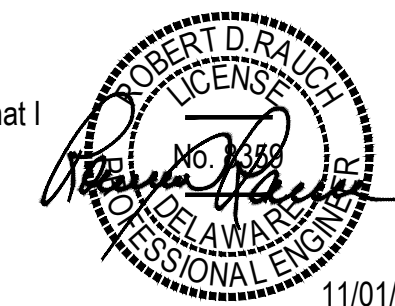
S. Main St.



Nanticoke Way & Antique Alley



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FOURTH REVISION - 11/01/22	

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 DelDOT 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 DelDOT 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.

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)

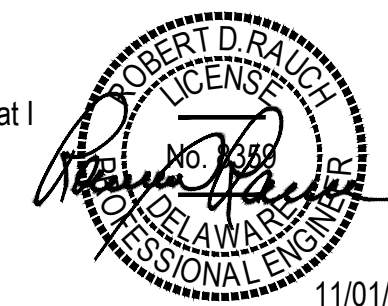
	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	
SUNDAY	1	1	1	1	1	1																1	1	1	1
MONDAY	1	1	1	1	1	1			1	1	1	1	1	1								1	1	1	1
TUESDAY	1	1	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.



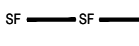



Professional Certification
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Delaware.
 License No. 8359
 Expiration Date: June 30, 2024

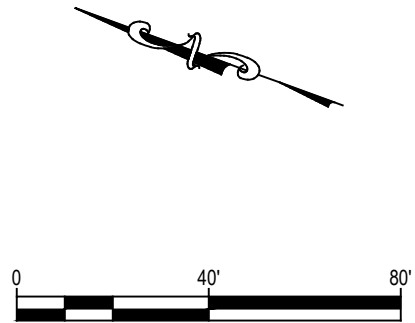


Revisions	
INITIAL SUBMISSION - 03/31/22	
FIRST REVISION - 06/12/22	
SECOND REVISION - 07/08/22	
THIRD REVISION - 09/14/22	
FOURTH REVISION - 11/01/22	

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



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

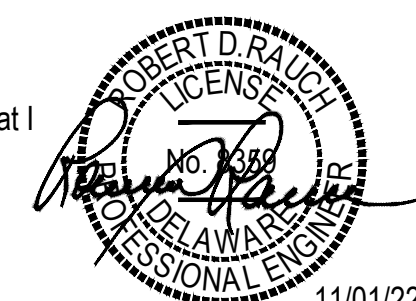
Main Office: 108 N. Harrison St. - Easton, MD 21601
 Web: www.rauch-hcc.com | Email: design@rauchhcc.com
 Phone: +1.410.770.9091 | Fax: +1.410.770.9097

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FOURTH REVISION - 11/01/22	

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