

SIENNA RESERVE

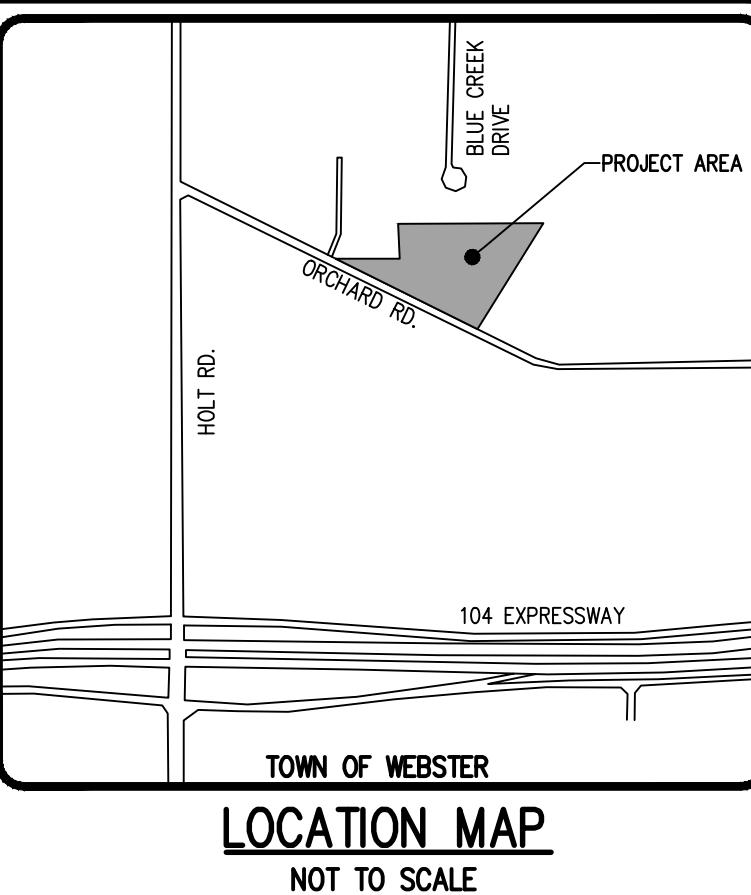
FINAL SUBDIVISION PLANS

TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE

PREPARED FOR:
IN SITE LAND DEVELOPMENT, INC.

28 WILLOW POND WAY, SUITE 300

PENFIELD, NY 14526



FINAL SUBDIVISION PLANS SIENNA RESERVE

- 2723-16 COVER SHEET
- 2723-17 SUBDIVISION PLAT
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- 2723-24 WATERMAIN DETAIL SHEET
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- 2723-26 STORMWATER MANAGEMENT FACILITY AND STORM SEWER DETAIL SHEET
- 2723-27 SITE AND CONSTRUCTION EROSION CONTROL DETAIL SHEET

BME ASSOCIATES

ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS

10 LIFEBRIDGE LANE EAST
FAIRPORT, NEW YORK 14450

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585-377-7360

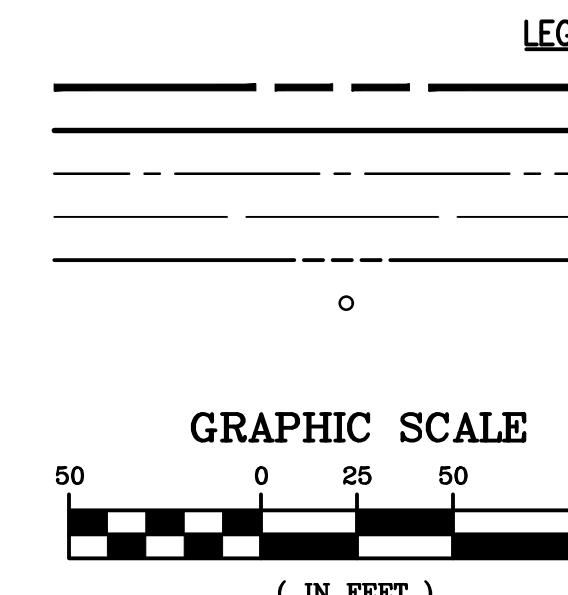
SCALE: 1" = 50'
DRAWING NUMBER: 2723-16
DATED: JUNE 6, 2025

Drawing Alteration
The following is an excerpt from the
New York State Education Law Article
48 Section 7209 and applies to this
drawing:
It is a violation of this law for any
engineer or land surveyor to alter any
item in any way, including the survey
from the original survey as offered,
the offering engineer or land
surveyor shall affix to the item his seal
and the alteration shall be signed
by his signature and the date of such
alteration, and a specific description
of the alteration.

SURVEY NOTES:
1. THE PROJECT BOUNDARY SURVEY WAS MADE USING PROCEDURES NECESSARY TO ACHIEVE A HORIZONTAL ACCURACY OF 1 PART IN 20,000 (1:20,000) OR BETTER PROPORTIONAL ACCURACY AND A NETWORK POSITIONAL ACCURACY AT 95% CONFIDENCE LEVEL NOT EXCEEDING 0.05 FEET.
2. THE HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM OF 1983, WESTERN ZONE, TRANSVERSE MERCATOR PROJECTION, NAD 83 (2011) UTILIZING GLOBAL POSITIONING SYSTEM (GPS) (OR) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) OBSERVATIONS FROM NYSDOT REFERENCE NETWORK CORS STATION (NYPF 0032). RECORD BEARINGS AND DISTANCES THAT DIFFER FROM REFERENCE 3 ARE SHOWN IN PARENTHESIS.

MONUMENTATION: PUBLISHED (NAD '27) MEASURED (NAD '83)
(MCCS) 2070 N= 1,176,018.72 N= 1,176,058.57
E= 802,893.36 E= 1,451,251.31
(MCCS) 1936 N= 1,177,076.201 N= 1,177,116.06
E= 802,880.069 E= 1,451,238.02

BEARINGS SHOWN HEREON ARE GRID DISTANCES SHOWN HEREON ARE GROUND COMBINED FACTOR = 1.00004235



SUBDIVISION NOTES:

- EXISTING ZONING: R-3 SINGLE-FAMILY RESIDENTIAL.
- TOTAL PROJECT AREA: ± 5.94 ACRES.
- PROPOSED USE: (10) SINGLE FAMILY LOTS.
- LOT REQUIREMENTS

REQUIRED	PROVIDED
FRONT SETBACK 50'	40' FROM EDGE OF PAVEMENT*
FRONT SETBACK, CORNER LOT 40'	40'
SIDE SETBACK 15' BETWEEN STRUCTURES	15' BETWEEN STRUCTURES**
REAR SETBACK 50'	50'
MIN LOT AREA 22,000 SQ. FT	18,500 SQ. FT*
MIN LOT WIDTH 75'	75'

* REDUCED SETBACK AND LOT AREA REQUIREMENTS PER WEBSTER TOWN CODE SECTION 192-27G, CLUSTER DEVELOPMENT GENERAL DESIGN REQUIREMENTS. CLUSTER DEVELOPMENTS ARE NOT REQUIRED TO MEET THE PREVAILING TOWN LAW REQUIREMENTS FOR FRONT SETBACKS AND LOT SIZE.

** SIDE SETBACK TO BE MINIMUM OF 5' FROM LOT LINE

- ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF WEBSTER AND THE APPROPRIATE MONROE COUNTY AND NEW YORK STATE AGENCIES, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS. FOR DESCRIPTIVE AND SURVEY DATA ON THE CONTROL MONUMENTS, CALL THE MONROE COUNTY SURVEY OFFICE.
- THE DEVELOPER'S AND CONTRACTOR'S ATTENTION IS DIRECTED TO LOCAL LAW NO. 6 OF 1971 REGARDING LIABILITY INCURRED THROUGH DISTURBANCES OR DESTRUCTION OF GEODETIC SURVEY MONUMENTS.
- THIS PROPERTY DOES NOT FALL WITHIN A RECOGNIZED 100-YEAR FLOODPLAIN PER THE FLOOD INSURANCE RATE MAP, TOWN OF WEBSTER, NEW YORK, PANEL 227 OF 528, MAP NUMBER 3605SC0227G, DATED AUGUST 28, 2008.

MCDPH CONDITIONS OF APPROVAL FOR REALTY SUBDIVISIONS:

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH APPROVAL FOR THIS REALTY SUBDIVISION IS GRANTED ON CONDITION THAT:

- THE PROPOSED FACILITIES FOR WATER SUPPLY AND SEWAGE TREATMENT ARE INSTALLED IN CONFORMITY WITH THE APPROVED PLANS ON FILE WITH THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH (MCDPH).
- AN ORIGINAL REALTY SUBDIVISION MAP APPROVED THIS DATE SHALL BE FILED IN THE OFFICE OF THE CLERK OF MONROE COUNTY PRIOR TO OFFERING LOTS FOR SALE.
- THE OWNER OF THE REALTY SUBDIVISION SHALL FURNISH EACH PURCHASER OF DEVELOPED LOTS, THE OWNER OF THE REALTY SUBDIVISIONS SHALL FURNISH EACH PURCHASER WITH AN ACCURATE "AS-BUILT" PLAN DEPICTING ALL INSTALLED FACILITIES INCLUDING SEWAGE, STORM WATER AND WATER SUPPLY.
- ADEQUATE EROSION/SILTATION CONTROL MEASURES SHALL BE EMPLOYED PRIOR TO AND DURING CONSTRUCTION. IF THE PROJECT WILL RESULT IN THE DISTURBANCE OF ONE ACRE OR MORE, COVERAGE UNDER THE NYSCPDES GENERAL PERMIT GP-0-15-002 FOR STORMWATER DISCHARGES FOR CONSTRUCTION ACTIVITIES SHALL BE OBTAINED.
- NO LOT OR REMAINING LAND (IF APPLICABLE) SHALL BE SUBDIVIDED WITHOUT PLANS FOR SUCH RE-SUBDIVISION BEING SUBMITTED AND APPROVED BY THE MCDPH.
- PLAN APPROVAL IS LIMITED TO 5 YEARS. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY MCDPH BASED UPON DEVELOPMENT FACTS AND THE REALTY SUBDIVISION REGULATIONS IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
- PRIVATE WELLS AND PRIVATE ON SITE WASTEWATER TREATMENT SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED AFTER PUBLIC FACILITIES BECOME AVAILABLE.

**MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH
REALTY SUBDIVISION APPROVAL**
THIS IS TO CERTIFY THAT APPROVED PLANS FOR WATER SUPPLY AND SEWAGE TREATMENT FOR THIS PROJECT ARE ON FILE IN THE OFFICE OF THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH CONSENT IS HEREBY GIVEN FOR THE FILING OF THIS MAP IN THE MONROE COUNTY CLERK'S OFFICE IN ACCORDANCE WITH ARTICLE III OF THE MONROE COUNTY SANITARY CODE.
DIRECTOR OF PUBLIC HEALTH
BY PUBLIC HEALTH ENGINEER DATE

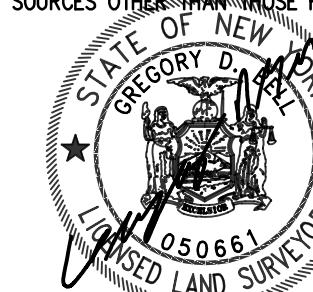
REFERENCES:

- A PLAN ENTITLED "ACURI SUBDIVISION" AS FILED IN THE MONROE COUNTY CLERK'S OFFICE AT LIBER 238 OF MAPS, PAGE 45.
- A PLAN ENTITLED "GNAGE-SPENCER SUBDIVISION" AS FILED IN THE MONROE COUNTY CLERK'S OFFICE AT LIBER 352 OF MAPS, PAGE 34.
- AN ABSTRACT OF TITLE WAS NOT PROVIDED FOR THE COMPLETION OF THIS SURVEY.

WE, BME ASSOCIATES, CERTIFY THAT THIS MAP WAS PREPARED FROM THE NOTES OF AN INSTRUMENT SURVEY COMPLETED BY US ON AUGUST 18, 2021 AND FROM THE REFERENCES NOTED HEREON, THIS MAP OR PLAT AND THE SURVEY UPON WHICH IT WAS BASED MEETS THE GVLIA 2017 MINIMUM STANDARDS FOR A SURVEY MAP.

THIS MAP IS SUBJECT TO ANY FACTS THAT MAY BE REVEALED BY SOURCES OTHER THAN THOSE REFERENCED HEREON.

By: *[Signature]*
GREGORY D. BELL, NYSPLS NO. 050661



SIGHT DISTANCE TABLE:

REQUIRED DISTANCES (DESIGN SPEED 40 MPH):

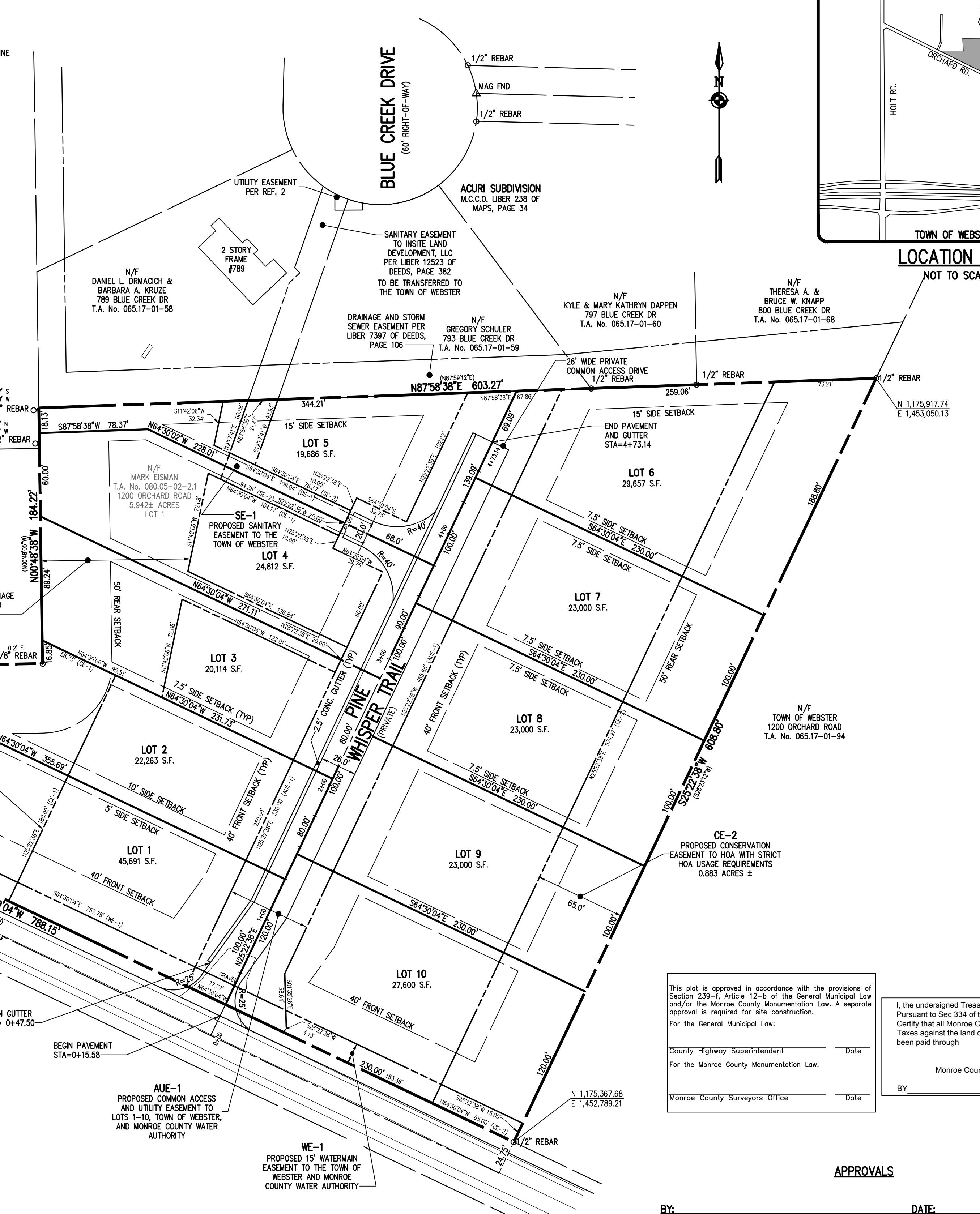
REQUIRED INTERSECTION SIGHT DISTANCE: ±445'

REQUIRED STOPPING SIGHT DISTANCE: ±305'

MEASURED DISTANCES (ORCHARD ROAD): (EAST) (WEST)	
INTERSECTION SIGHT DISTANCE: 700'	>1,000'
STOPPING SIGHT DISTANCE: 625'	>1,000'

* POSTED SPEED LIMIT 35, DESIGNED VALUES BASED ON 40 MPH SPEED LIMIT

NOT APPROVED
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SIENNA RESERVE
SUBDIVISION
TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
INSTEAD LAND DEVELOPMENT, INC.
28 WILLOW POND WAY SUITE 300
PEPS & GORHAM PURCHASE, TOWNSHIP 14, RANGE 4, TAX MAP NUMBER 080-05-02-21
FINAL BEING A SUBDIVISION OF LOT 1 OF
GNAGE-SPENCER SUBDIVISION

PROJECT: PEPS & GORHAM PURCHASE, TOWNSHIP 14, RANGE 4, TAX MAP NUMBER 080-05-02-21
LOCATION: TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
CLIENT: INSTEAD LAND DEVELOPMENT, INC.
DRAWING TITLE: 2723
DRAWING NO.: 2723

APPROVALS
BY: COMMISSIONER OF PUBLIC WORKS
BY: HIGHWAY SUPERINTENDENT
BY: TOWN ASSESSOR
BY: FIRE MARSHAL
BY: PLANNING BOARD CHAIRMAN
BY: WEBSTER SEWER DISTRICT

PROJECT MANAGER: M BOGOJEVSKI
PROJECT SURVEYOR: G D BELL
DRAWN BY: G D BELL
SCALE: 1=50'
DATE ISSUED: JUNE 6, 2025
PROJECT NO.: 2723
DRAWING NO.: 2723

17

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545-377-7360





Drawing Alteration
The following is an excerpt from the
New York State Education Law Article
44 Section 7209 and applies to this
drawing:
It is a violation of this law for any
person to alter any survey or drawing
in any way. If an item on the drawing
is altered, the surveyor or engineer
shall affix his or her name to the
item and shall state the date of such
alteration. The surveyor or engineer
shall sign and date the drawing and
specify a description of the alteration.

DATE	BY
REVISIONS	

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ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
10 LIFEBRIDGE LANE EAST
FAIRPORT, NEW YORK 14450
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SIENNA RESERVE
TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
INSTE LAND DEVELOPMENT, INC.
28 WILLOW POND WAY SUITE 300
PEPS & GORHAM PURCHASE, TOWNSHIP 14, RANGE 04, TOWN LOT 04, TAX MAP NUMBER 080.05-02-21
FINAL GRADING PLAN

NOT APPROVED
This plan has not received final
approval of all reviewing agencies.
This plan is subject to revisions
until all approvals are obtained and
should not be used for construction
purposes.

APPROVALS

BY: <input type="text"/>	DATE: <input type="text"/>
PROJECT MANAGER M. BOGOJEVSKI	
PROJECT ENGINEER M. SERENI	
DRAWN BY A. D'ANGELO	
SCALE 1"=50'	DATE ISSUED JUNE 6, 2025
PROJECT NO. 2723	

DRAWING NO.
19

GRADING NOTES:

1. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREAS OF CONSTRUCTION. FOR DESCRIPTIVE AND SURVEY DATA ON THE CONTROL MONUMENTS, CALL THE MONROE COUNTY GEODETIC SURVEY OFFICE.
2. THE DEVELOPER'S AND CONTRACTOR'S ATTENTION IS DIRECTED TO LOCAL LAW NO. 6 OF 1971 REGARDING LIABILITY INCURRED THROUGH DISTURBANCE OR DESTRUCTION OF GEODETIC SURVEY MONUMENTS.
3. EXISTING UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM FIELD LOCATIONS AND/OR AVAILABLE UTILITY COMPANY RECORD PLANS. EXISTING UTILITIES WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL CALL THE UPO HOTLINE AT 1(800)962-7962 OR 811 FOR STAKE-OUT OF EXISTING UTILITIES.
4. THE CONTRACTOR SHALL CONTROL DUST ON SITE AS DIRECTED BY THE TOWN OF WEBSTER.
5. THE OWNER AND THE CONTRACTOR SHALL HAVE COMPLETE KNOWLEDGE OF THE CURRENT BLASTING POLICY FOR THE TOWN OF WEBSTER, AND THEY WILL CONFORM TO THIS POLICY AT ALL TIMES.
6. HIGHWAY DRAINAGE ALONG ORCHARD ROAD TO BE MAINTAINED AS DIRECTED BY THE TOWN OF WEBSTER.
7. FILL MATERIAL PLACED IN THE PAVEMENT AND BUILDING AREA SHALL BE SCAFFOLD MATERIAL AND COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS MEASURED BY THE MODIFIED PROCTOR TEST (ASTM D1557) AND/OR THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL SUPPLY THE ENGINEER AND THE TOWN OF WEBSTER WITH COMPACTION TEST RESULTS PRIOR TO PLACING THE STONE SUBBASE.
8. CONTRACTOR SHALL INSTALL STONE SUBBASE AND THE ASPHALT CONCRETE BINDER COURSE. PRIOR TO PLACING THE BINDER COURSE, THE ROAD BASE SHALL BE REVIEWED BY THE ENGINEER AND THE TOWN.

Table 5.2 Soil Restoration Requirements

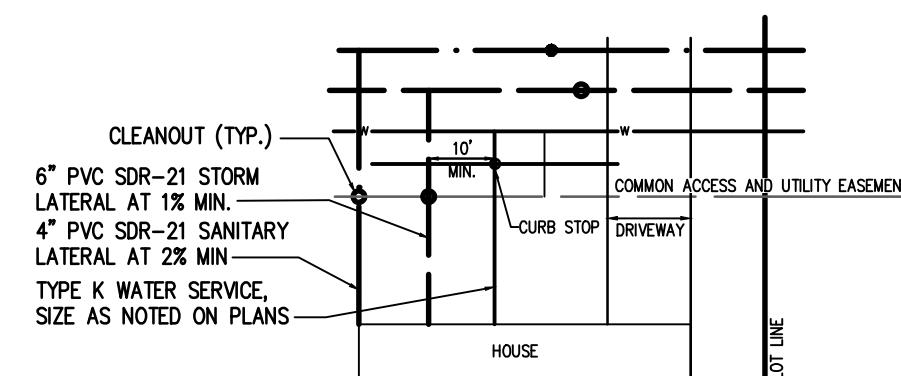
Type of Soil Disturbance	Soil Restoration Requirement	Comments/Examples
No soil disturbance	Restoration not permitted	Preservation of Natural Features
Minimal soil disturbance	Restoration not required	Clearing and grubbing
Areas where topsoil is stripped only - no change in grade	HSG A & B apply 6 inches of topsoil HSG C & D	Protect area from any ongoing construction activities.
Areas of cut or fill	HSG A & B Aerate and apply 6 inches of topsoil HSG C & D	
Heavy traffic areas on site (especially in a zone 5-25 ft around buildings but not within a 5 ft perimeter around foundation walls)	Apply full Soil Restoration** de-compaction and compost enhancement)	
Areas where Runoff Reduction and/or Infiltration practices are applied	Restoration not required but may be applied	Keep construction equipment from crossing these areas. To protect newly installed practice from any ongoing construction activities construct a single-phase operation fence area
Redevelopment projects	Soil Restoration is required on redevelopment projects in areas where existing impervious area will be converted to pervious area	

*Aeration includes the use of machines such as tractor-drawn implements with coulters making a narrow slit in the soil, a roller with many spikes making indentations in the soil, or prongs which function like a mini-subsoiler.

** Refer to latest version of NYSDEC Deep-Ripping and Decomposition.

LATERALS AND SERVICES NOTES:

- ALL LATERALS OR SERVICES SHALL BE AS NOTED BELOW UNLESS OTHERWISE NOTED ON THE PLANS:
- WATER - 1" INCH TYPE K COPPER FROM THE WATERMAIN TO THE CURB BOX
- 1" INCH PE #4710 FROM THE CURB BOX TO THE METER (UNLESS NOTED OTHERWISE)
- SANITARY - 4" PVC SDR-21 INSTALLED AT 2.00% MIN SLOPE
- 6" PVC SDR-35 INSTALLED AT 1.00% MIN SLOPE
- EXTEND LATERALS TO 10 FEET BEYOND THE RIGHT-OF-WAY, OR 10 FEET BEYOND THE EASEMENT LINES, WHICHEVER IS GREATER.
- WATER METER(S) ARE TO BE LOCATED ON THE INTERIOR OF EXTERIOR WALL(S) IMMEDIATELY UPON SERVICE ENTRANCE INTO THE BUILDING, OR METERED SERVICES REQUIRING A 1/2 INCH OR LARGER METER, A BY-PASS AROUND THE METER IS REQUIRED.
- NO CURB VALVE BOXES, WATER SERVICES, CLEANOUTS, OR LATERALS ARE ALLOWED IN DRIVEWAYS. THE SERVICE OR DRIVEWAY WILL BE RELOCATED IF THIS CONFLICT ARISES.
- ALL HOMES WITH WATER PRESSURE GREATER THAN 70 PSI AT THE METER WILL REQUIRE A PRESSURE REDUCING VALVE INSTALLED AFTER THE METER.
- SANITARY LATERALS' WITNESS STAKES SHALL BE 2"x4" HARDWOOD, EXTENDED 2-3' ABOVE GRADE AND PAINTED GREEN.
- ANY LAUNDRY WASTEWATER SHALL BE DIRECTED TO THE SANITARY SEWER.
- CLEANOUTS FOR STORM LATERALS SHALL BE INSTALLED AT ALL HORIZONTAL BENDS AND AT 100' INTERVALS ALONG THE LATERAL. CLEANOUTS FOR SANITARY LATERALS SHALL BE INSTALLED AT THE RIGHT-OF-WAY OR EASEMENT LINE, AT ALL BENDS 45° OR GREATER, AND AT 85-100 FOOT INTERVALS THEREAFTER.
- REAR DOWNSPOUTS SHALL DISCHARGE ON SPLASH BLOCKS DIRECTED TO THE REAR OF EACH LOT. FRONT ROOF DRAINS & FOUNDATION DRAINS (VIA SUMP PUMPS) SHALL DISCHARGE TO STORM SEWERS.



TYPICAL LATERAL LAYOUT
FOR SINGLE FAMILY HOMES
(N.T.S.)

N/F
FLORENCE E. FLAMMIA
5 LINDA LANE
T.A. No. 079.08-01-03

N/F
FLORENCE E. FLAMMIA
T.A. No. 079.08-01-11

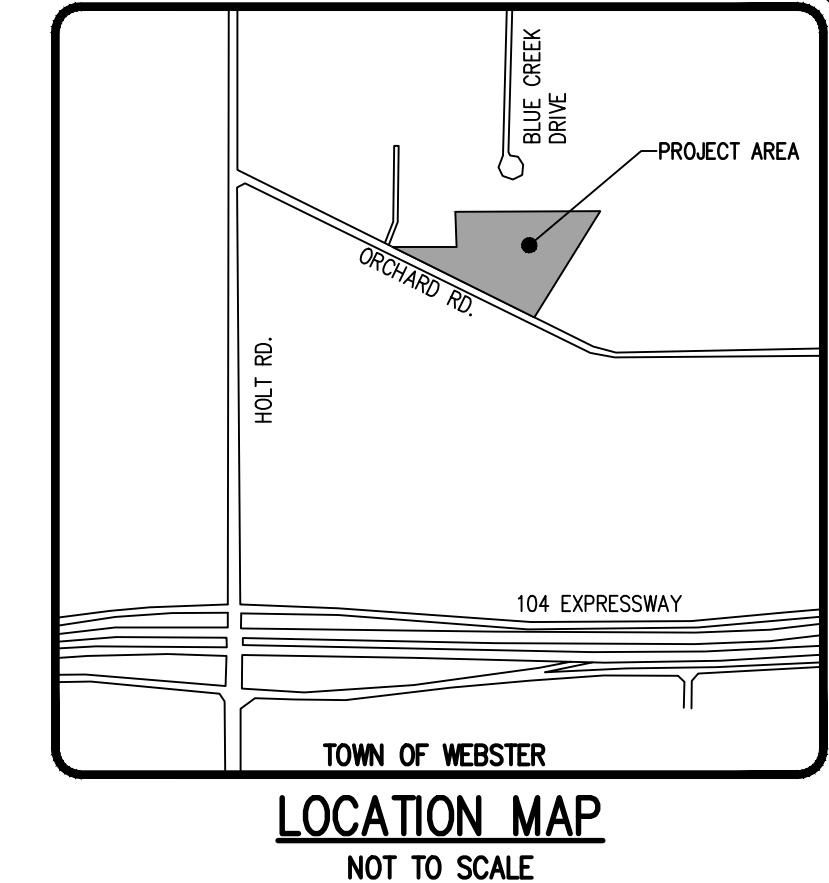
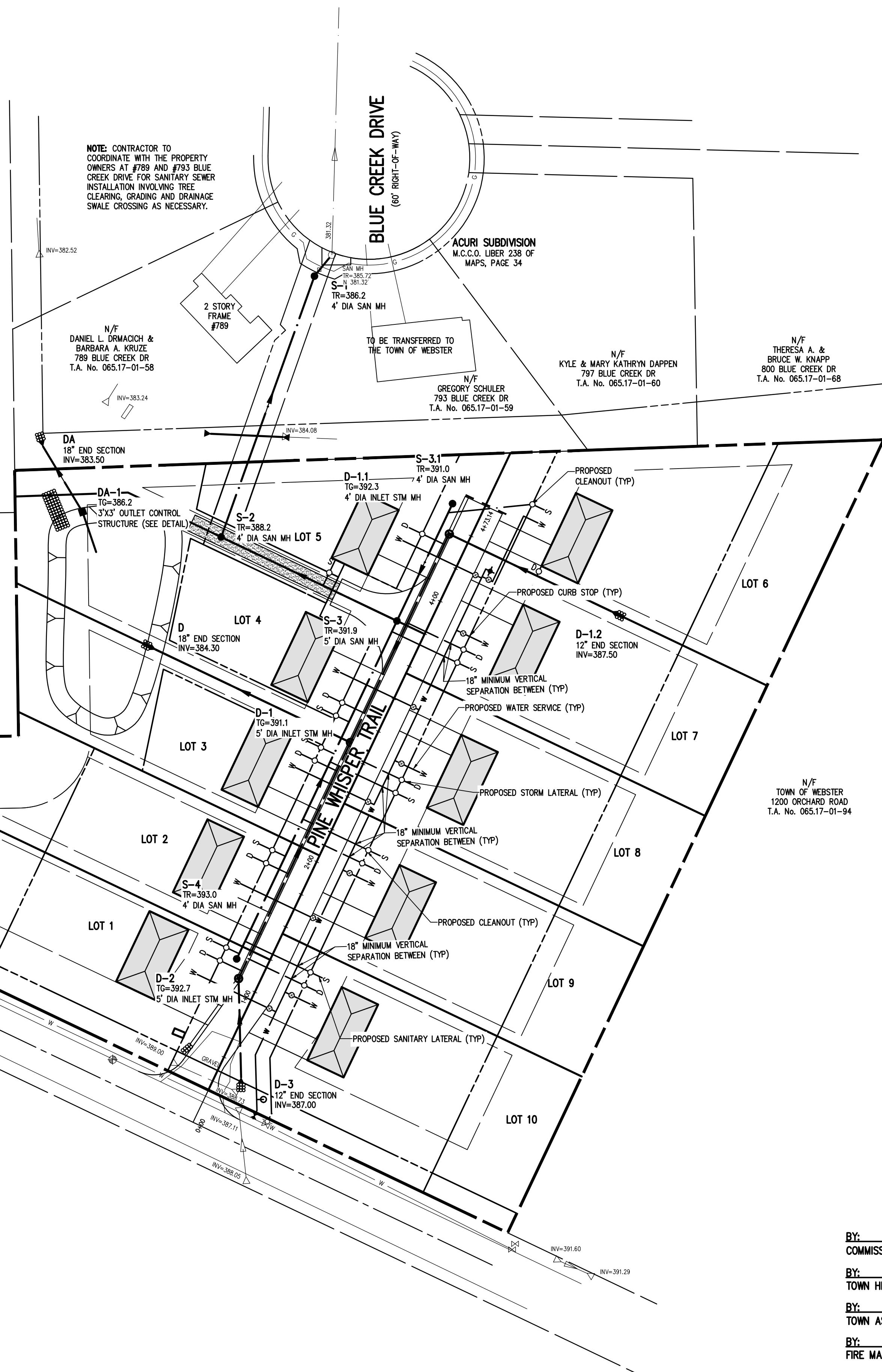
N/F
RONALD J. & SHARON A.
GENTLE
1 LINDA LANE
T.A. No. 079.08-01-04

N/F
ROCHESTER GAS AND ELECTRIC
CORPORATION
T.A. No. 064.19-02-25.1/WEB

LEGEND

- BOUNDARY LINE
- PROPOSED LOT LINE
- CENTERLINE
- PROPOSED EASEMENT LINE
- EXISTING WATERMAIN, HYDRANT, AND VALVE
- PROPOSED WATERMAIN, HYDRANT, AND VALVE
- PROPOSED WATER SERVICE AND CURBSTOP
- EXISTING STORM SEWER, MANHOLE, AND INLET
- PROPOSED STORM SEWER, MANHOLE, AND INLET
- PROPOSED STORM LATERAL AND CLEANOUT
- EXISTING SANITARY SEWER AND MANHOLE
- PROPOSED SANITARY SEWER AND MANHOLE
- PROPOSED SANITARY LATERAL AND CLEANOUT

GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.



LOCATION MAP
NOT TO SCALE

BME ASSOCIATES

ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS

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585-377-7360



SIENNA RESERVE

TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
INSTE LAND DEVELOPMENT, INC.
28 WILLOW POND WAY SUITE 300
PEPPIFIELD, NY 14526

FINAL LATERAL PLAN

NOT APPROVED
This plan has not received final approval of all reviewing agencies. This plan is subject to revisions until all approvals are obtained and should not be used for construction purposes.

APPROVALS

BY: COMMISSIONER OF PUBLIC WORKS	DATE:
BY: TOWN HIGHWAY SUPERINTENDENT	DATE:
BY: TOWN ASSESSOR	DATE:
BY: FIRE MARSHAL	DATE:
BY: PLANNING BOARD CHAIRMAN	DATE:
BY: WEBSTER SEWER DISTRICT	DATE:

2723

DRAWING NO.

21

Drawing Alteration
The following is an excerpt from the
New York State Education Law Article
48 Section 7209 and applies to this
drawing:
It is a violation of this law for any
engineer or land surveyor to alter any
item in any way, if an item or drawing
offered for filing or surveying is altered,
the offering engineer or land
surveyor shall affix to the item his seal
and the alteration altered and signed
by his signature and the date of such
alteration.

LANDSCAPE NOTES:

- ALL PLANTS SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS NOTED IN THE LAST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN, ANSI Z60.1.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY TAKEOFFS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- ALL TREES SHALL BE LOCATED A MINIMUM DISTANCE OF FIVE FEET (5') FROM UNDERGROUND UTILITIES TO THE PLANT BALL.
- ALL TREES SHALL BE LOCATED A MINIMUM DISTANCE OF TEN FEET (10') FROM OVERHEAD UTILITIES TO THE PLANT BALL.
- PLANTING SOIL MIXTURE SHALL HAVE A RATIO BY VOLUME OF FOUR PARTS TOPSOIL TO ONE PART PEAT. SOIL AMENDMENTS TO BE MODIFIED PER INDIVIDUAL PLANT MATERIAL REQUIREMENTS.
- STAKE TREES IMMEDIATELY AFTER PLANTING (REFER TO DETAIL).
- PROVIDE ALL PLANTING BEDS WITH A CONTINUOUS 3" LAYER OF MULCH. MULCH SHALL BE PROVIDED AS FOLLOWS: 100% SHREDDED HARDWOOD MULCH, NO GREATER THAN 1" IN SIZE, UNIFORMLY MIXED AND FREE FROM DELETERIOUS MATERIAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF PLANT MATERIALS AND SEEDBED AREAS UNTIL FINAL ACCEPTANCE.
- A MINIMUM ONE YEAR GUARANTEE SHALL BE PROVIDED ON ALL PLANT MATERIALS FROM THE DATE OF FINAL ACCEPTANCE.
- SEED ALL AREAS NOT PAVED, PLANTED OR SPECIFIED OTHERWISE WITH LAWN SEED. ALL AREAS TO BE PERMANENTLY SEEDED TO BE TOPSOILED AT A MINIMUM THICKNESS OF 6" PRIOR TO SEEDING.

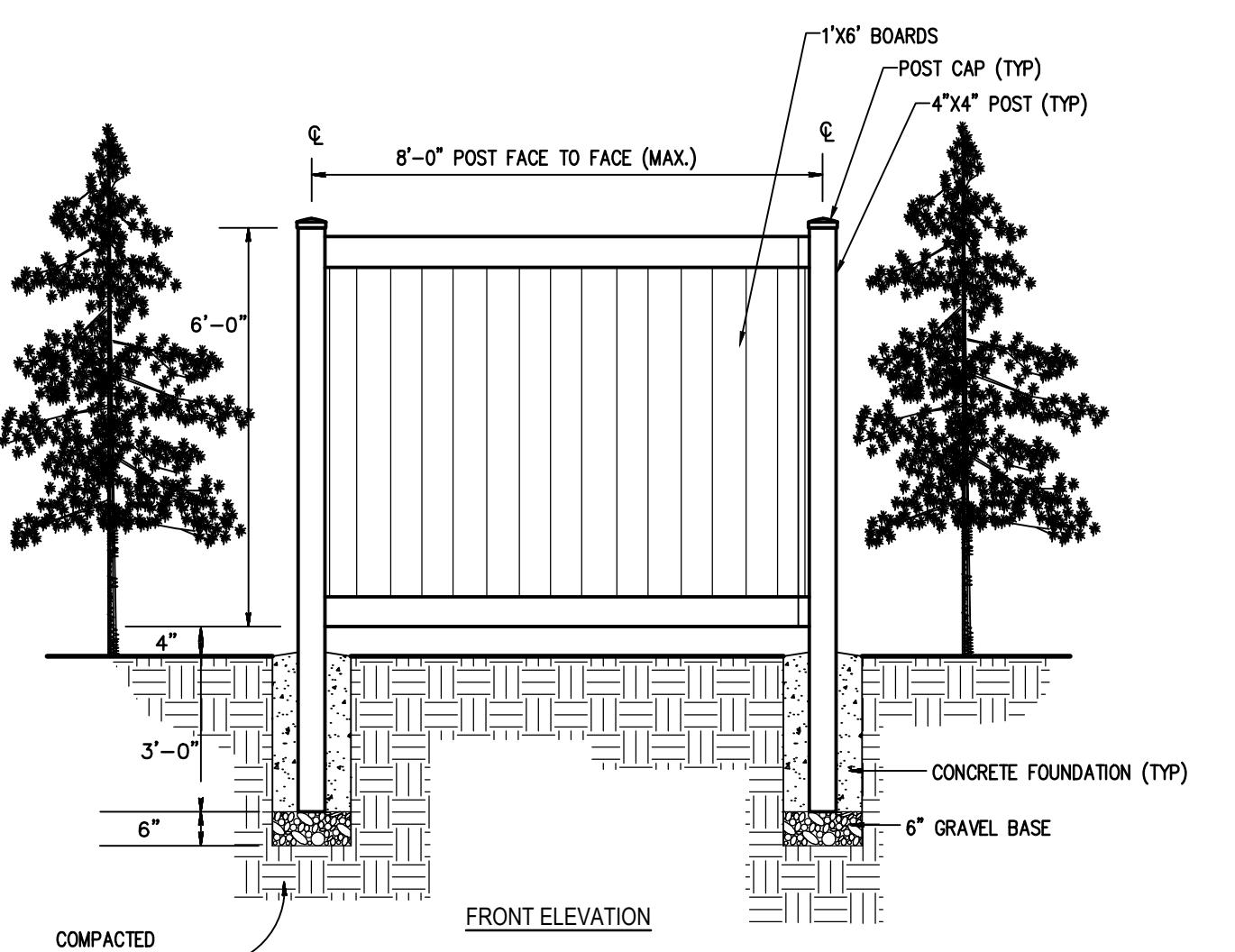
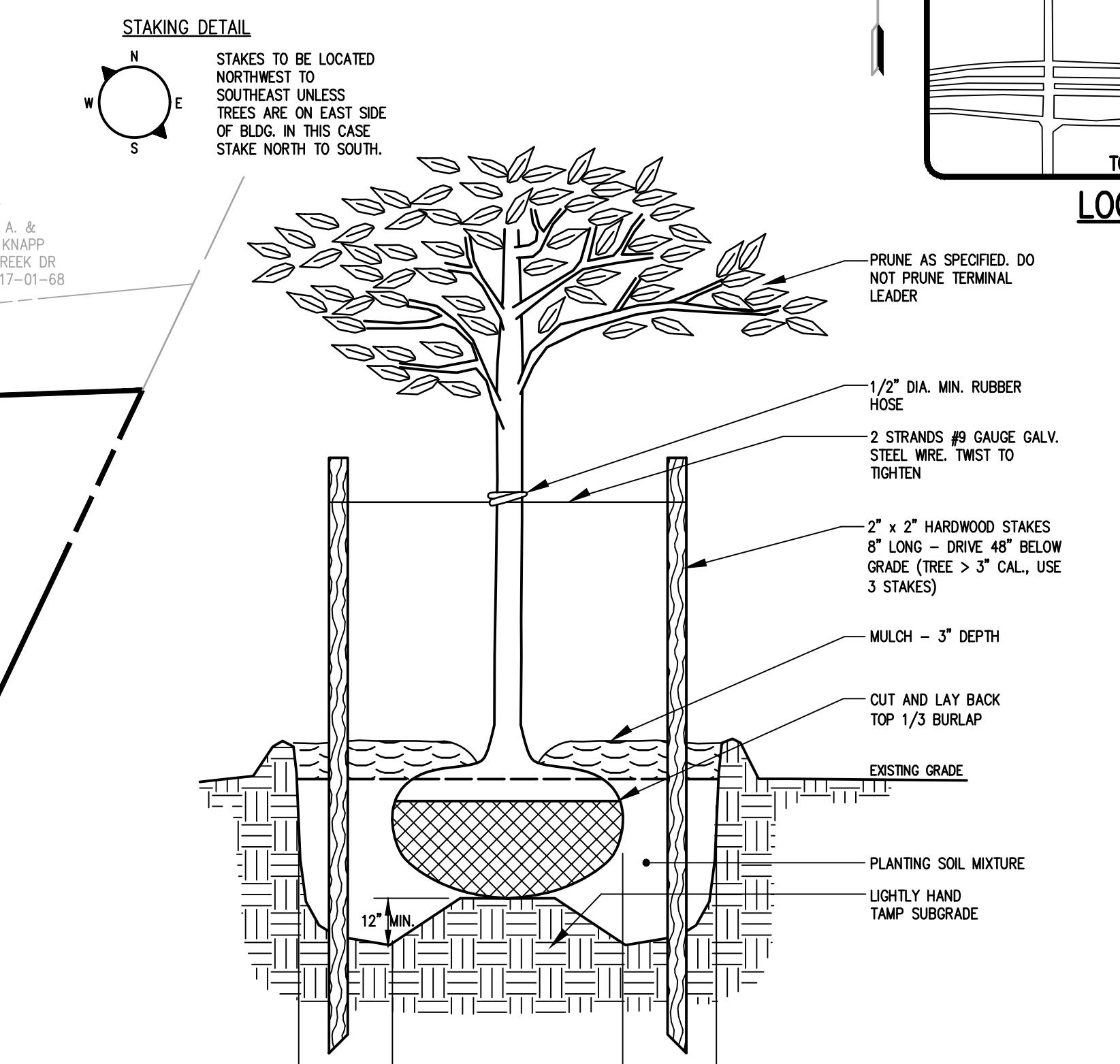
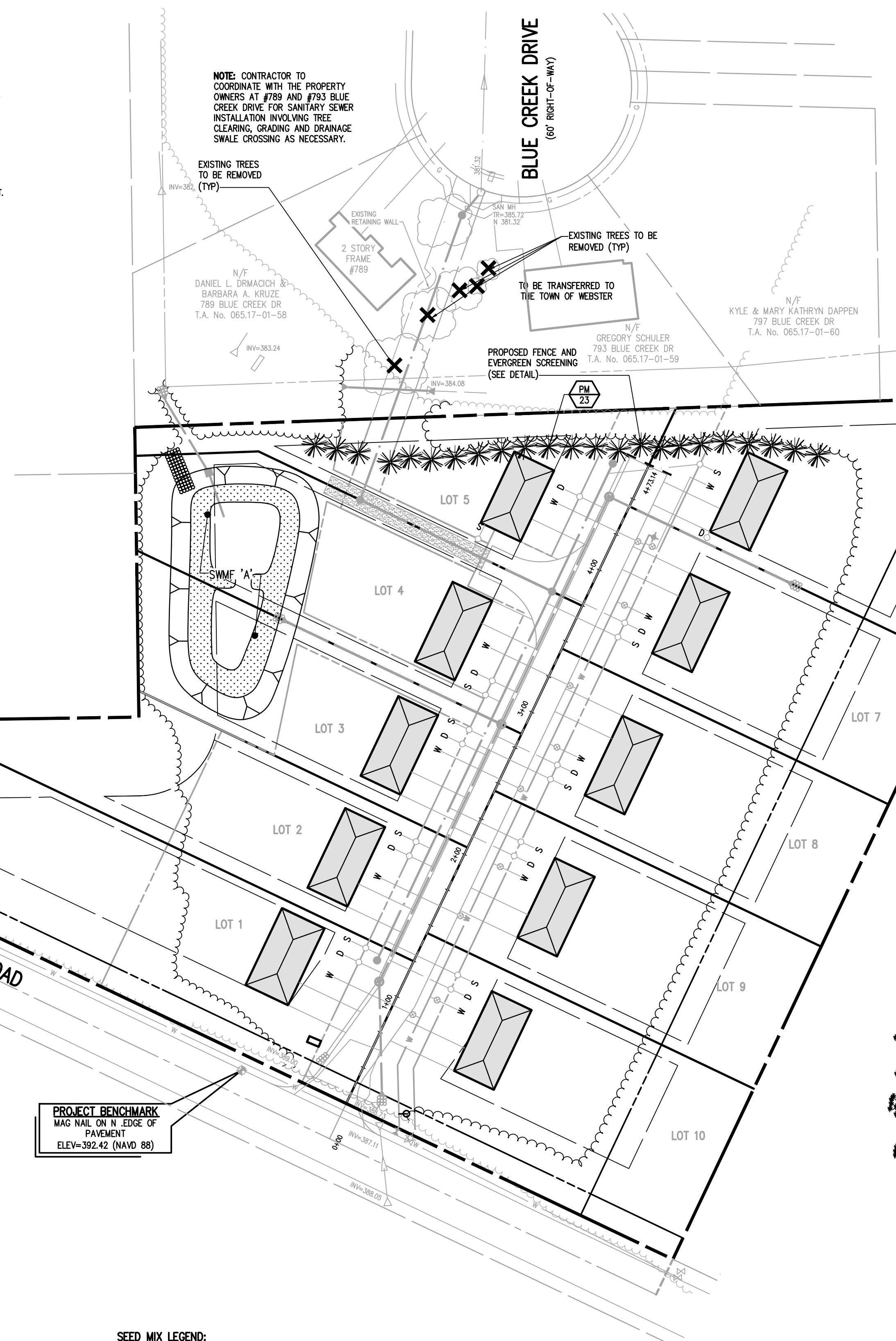
A. LAWN SEED MIXTURE SHALL BE PROVIDED AS FOLLOWS:

% BY WEIGHT	% BY PURITY	% GERMINATION	
'REPELL', 'CITATION' & 'MORNING STAR'	35	85	85
PERENNIAL RYE GRASS	35	97	80
RED FESCUE 'JAMESTOWN II', 'FORTRESS', 'ESNLVY'	30	85	80
'BARON' & 'MIDNIGHT' KENTUCKY BLUEGRASS			

SEEDING RATE: 6.0 LBS PER 1,000 SF.
MULCH: STRAW AT TWO TONS PER ACRE, OR WOOD FIBER MULCH USED WITH A HYDROSEEDING APPLICATION METHOD, WITH TACKIFIER. STARTING FERTILIZER: 5:10:10 AT 20 LBS PER 1,000 SF.

B. STORMWATER POND SEED MIXTURE SHALL BE PROVIDED AS FOLLOWS:
GREEN INFRASTRUCTURE SEED MIX: A MIX OF CREEPING RED FESCUE, AND HARD FESCUE, OR APPROVED NO-MOW SEED MIX. CONTRACTOR TO PROVIDE SEED MIX DETAILS TO ENGINEER AND APPROVAL PRIOR TO INSTALLATION.

C. REFER TO BME DWG NO. 2723-20/CONSTRUCTION EROSION CONTROL PLAN FOR FURTHER SEEDING REQUIREMENTS



FENCE WITH EVERGREENS SCREENING DETAIL
N.T.S.

CONTRACTOR TO PROVIDE FINAL CUT SHEETS AND SPECIFICATIONS FOR REVIEW AND APPROVAL BY ENGINEER AND OWNER PRIOR TO INSTALLATION.

APPROVALS

BY: COMMISSIONER OF PUBLIC WORKS DATE:

BY: TOWN HIGHWAY SUPERINTENDENT DATE:

BY: TOWN ASSESSOR DATE:

BY: FIRE MARSHAL DATE:

BY: PLANNING BOARD CHAIRMAN DATE:

BY: WEBSTER SEWER DISTRICT DATE:

SIENNA RESERVE

TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
INSTE LAND DEVELOPMENT, INC.
28 WILLOW POND WAY SUITE 300
PEPS & GORHAM PURCHASE, TOWNSHIP 14, RANGE 04, TOWN LOT 04, TAX MAP NUMBER 080.05-02-21

FINAL LANDSCAPING PLAN

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 148 Section 7209 and applies to this drawing:
It is a violation of this law for any engineer or land surveyor to alter any item in any way, if an item or survey is offered, the offering engineer or land survey shall affix to the item his seal and a specific description of the alteration.

REVISIONS	DATE	BY
7	6	
6	5	
5	4	
4	3	
3	2	
2	1	

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FAIRPORT, NEW YORK 14450

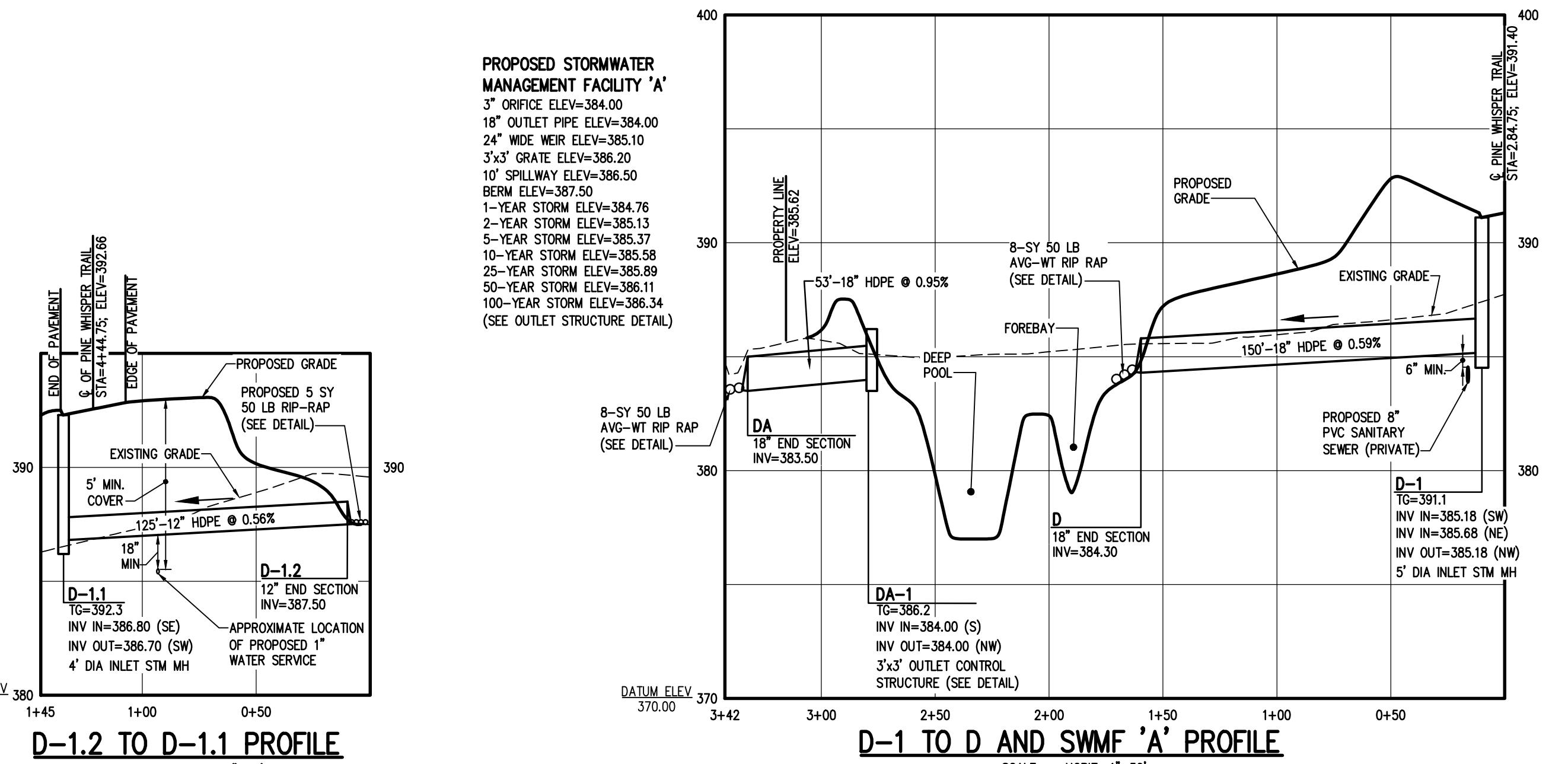
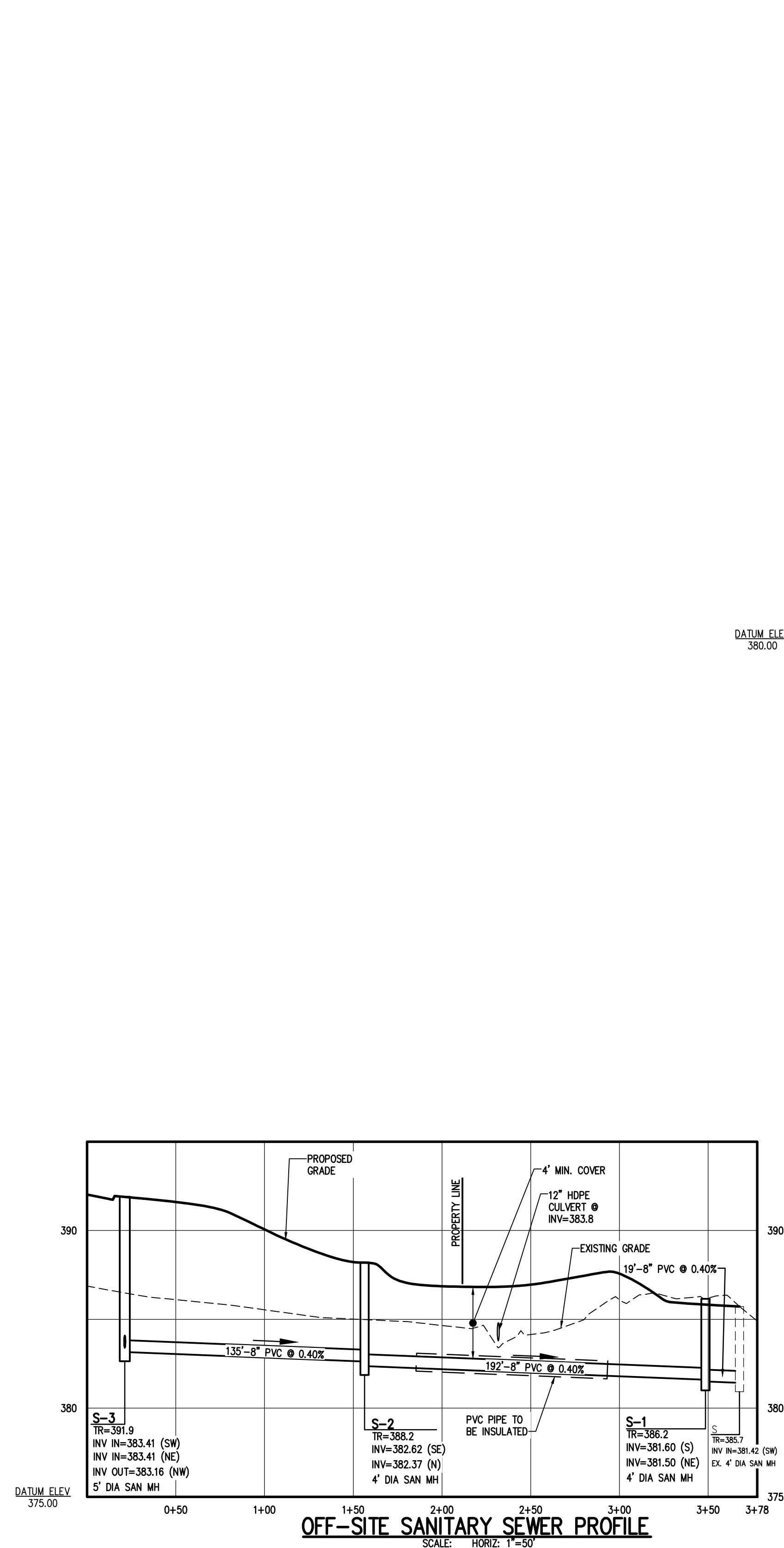


NOT APPROVED
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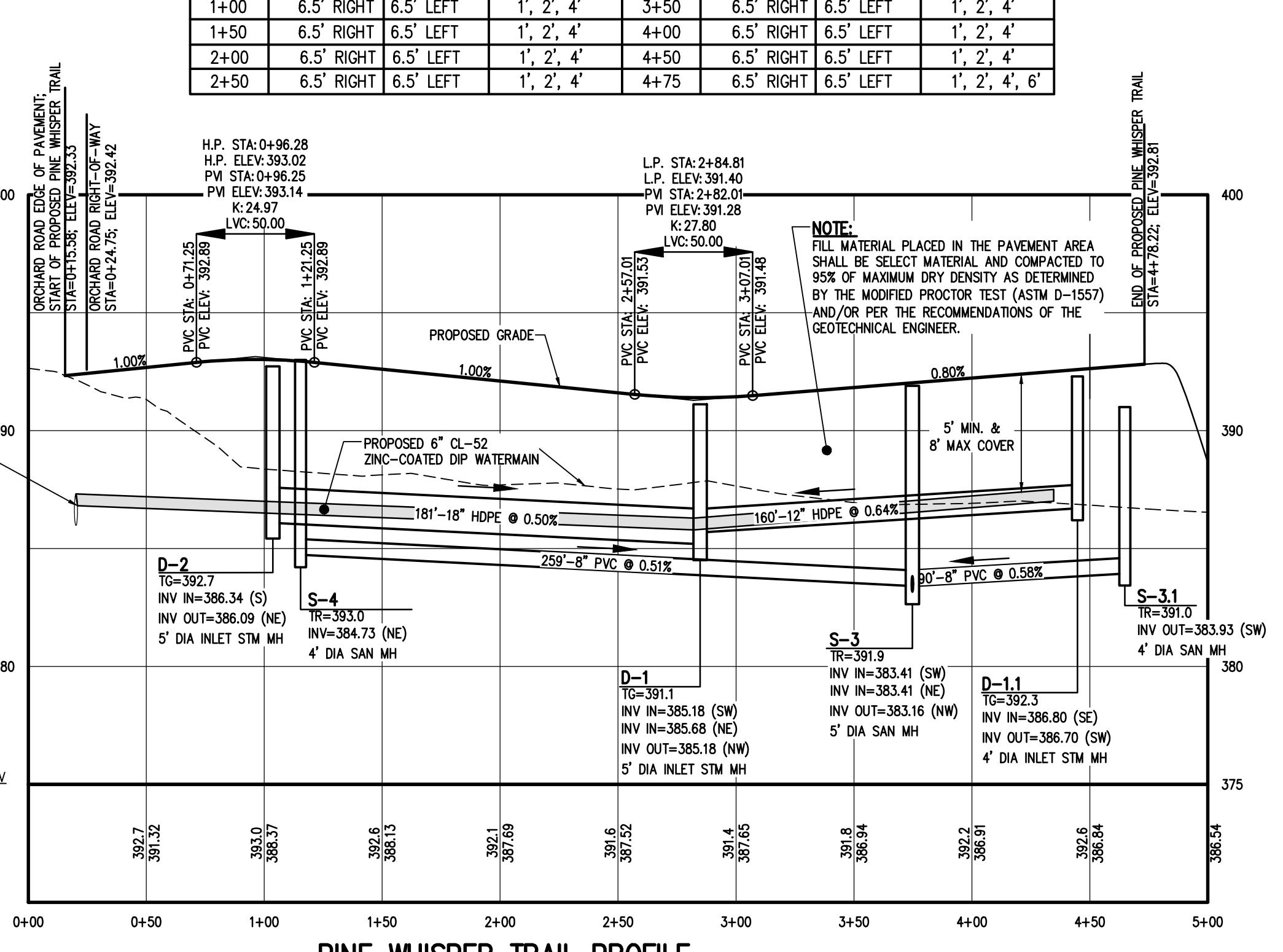
PROJECT: PEPS & GORHAM PURCHASE, TOWNSHIP 14, RANGE 04, TOWN LOT 04, TAX MAP NUMBER 080.05-02-21
LOCATION: TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
CLIENT: INSTE LAND DEVELOPMENT, INC.
28 WILLOW POND WAY SUITE 300
PEPS & GORHAM PURCHASE, TOWNSHIP 14, RANGE 04, TOWN LOT 04, TAX MAP NUMBER 080.05-02-21

FINAL LANDSCAPING PLAN

DATE ISSUED: JUNE 6, 2025
SCALE: 1"=50'
PROJECT NO.: 2723
DRAWING NO.: 22
22



PINE WHISPER TRAIL COMPACTION SCHEDULE							
STATION	CENTERLINE	OFFSET	TEST DEPTH	STATION	CENTERLINE	OFFSET	TEST DEPTH
0+50	6.5' RIGHT	6.5' LEFT	1'	3+00	6.5' RIGHT	6.5' LEFT	1', 2', 4'
1+00	6.5' RIGHT	6.5' LEFT	1', 2', 4'	3+50	6.5' RIGHT	6.5' LEFT	1', 2', 4'
1+50	6.5' RIGHT	6.5' LEFT	1', 2', 4'	4+00	6.5' RIGHT	6.5' LEFT	1', 2', 4'
2+00	6.5' RIGHT	6.5' LEFT	1', 2', 4'	4+50	6.5' RIGHT	6.5' LEFT	1', 2', 4'
2+50	6.5' RIGHT	6.5' LEFT	1', 2', 4'	4+75	6.5' RIGHT	6.5' LEFT	1', 2', 4', 6'

**UTILITY NOTES:**

1. THE SETBACK LINES AND NOTES RELATING TO SETBACK SHOWN HEREON ARE INTENDED TO SHOW APPLICABLE ZONING REQUIREMENTS (AND APPROVALS UNDER SECTION 278 OF TOWN LAW) OF THE TOWN OF WEBSTER AS OF THE DATE OF THIS MAP AND ARE NOT INTENDED TO IMPOSE ANY ADDITIONAL RESTRICTIONS OTHER THAN SAID ZONING REQUIREMENTS.
2. BUILDINGS SHOWN ON THIS PLAN ARE GRAPHICAL REPRESENTATIONS ONLY.
3. ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF WEBSTER, THE APPROPRIATE AGENCIES (IE, MONROE COUNTY WATER AUTHORITY, AND THE MONROE COUNTY HEALTH DEPARTMENT) UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREAS OF CONSTRUCTION FOR DESCRIPTIVE AND SURVEY DATA ON THE CONTROL MONUMENTS, CALL THE MONROE COUNTY GEODETIC SURVEY OFFICE.
5. THE DEVELOPER'S AND CONTRACTOR'S ATTENTION IS DIRECTED TO LOCAL LAW NO. 6 OF 1971 REGARDING LIABILITY INCURRED THROUGH DISTURBANCES OR DESTRUCTION OF GEODETIC SURVEY MONUMENTS.
6. EXISTING UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM FIELD LOCATIONS AND/OR AVAILABLE UTILITY COMPANY RECORD PLANS. EXISTING UTILITIES WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL CALL THE UFWO HOTLINE AT 1800-962-7962 OR 811 FOR STAKE-OUT OF EXISTING UTILITIES.
7. THE CONTRACTOR SHALL DETERMINE EXACT LOCATION AND ELEVATION OF UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION. CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS.

WATERMAIN:

8. WATERMAINS AND APPURTENANCES TO BE CONSTRUCTED TO THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE MONROE COUNTY WATER AUTHORITY. SEE PUBLIC WATER SYSTEM NOTES (BME DRAWING #2723-18).
9. THE FOLLOWING COMPUTER SIMULATED FLOW TESTS WERE PERFORMED BY THE MCWA:

TEST LOCATED AT ORCHARD ROAD, EAST OF LINDA LANE, TOWN OF WEBSTER
PRESSURE ZONE: 610
TEST ELEVATION: 393
SIMULATED SUPPLY CURVE:
Q (GPM) PRESSURE (PSI) HEAD (FT)
0 85.6 197.7
400 62.6 144.6
800 34.8 80.4
1,200 0 0.0

THE PRESSURE AND FLOW DATA PROVIDED HEREIN REPRESENTS A COMPUTER SIMULATED AVERAGE ESTIMATED VALUE AT THIS LOCATION IN THE DISTRIBUTION SYSTEM FROM KNOWN AND/OR ESTIMATED SYSTEM VARIABLES. THE FLOW VALUES INDICATED BY THE SUPPLY CURVE MAY VARY GREATLY DEPENDING ON DEMANDS, OPERATIONAL PARAMETERS, SYSTEM CONFIGURATIONS, SUBSEQUENT MODIFICATIONS AND OTHER RELATED CRITERIA.

SANITARY SEWER:

10. ALL SANITARY SEWERS ARE IN COMPLIANCE WITH THE SPECIFICATIONS AND SEWER POLICY OF THE TOWN OF WEBSTER.
11. SANITARY SEWERS, HOUSE LATERALS, AND APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATIONS OF THE TOWN OF WEBSTER.
12. SANITARY SEWER PIPE SHALL BE 8" PVC SDR-35 OR AS NOTED ON THE PLAN.
13. INFILTRATION AND EXFLTRATION SHALL BE LIMITED TO 100 GALLONS PER MILER PER INCH DIAMETER OF PIPE PER 24 HOURS OF SANITARY SEWERS. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PRACTICE DESCRIBED IN ASTM-C-828-86, ENTITLED "STANDARD PRACTICE FOR LOW PRESSURE AIR TEST OF VITRIFIED CLAY PIPE LINES." SANITARY MANHOLES SHALL BE TESTED FOR INFILTRATION.

WATER TESTING - EACH MANHOLE SHALL BE FILLED WITH A MAXIMUM OF 10 FEET OF WATER, SUBJECTED TO A 24 HOUR TEST AND SHOW A LOSS OF WATER NOT TO EXCEED 15 GALLONS/24 HOURS FOR A 4 FOOT IDMH. INFILTRATION TESTS SHALL ADHERE TO THE SAME LIMITS.

VACUUM TESTING - EACH MANHOLE SHALL BE SUBJECTED TO A VACUUM OF 10 INCHES OF HG FOR ONE MINUTE WITH AN ALLOWABLE LOSS OF 1 INCH OF HG.

14. THE FOLLOWING TESTS SHALL BE PERFORMED ON PVC SANITARY SEWER PIPE:

A) DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACK FILL HAS BEEN IN PLACE AT 30 DAYS.

B) NO PIPE SHALL EXCEED A 5% DEFLECTION.

C) IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.

15. NEW SEWERS ARE TO BE PLUGGED WHEN CONNECTED TO EXISTING MANHOLES UNTIL THE NEW SEWERS ARE FLUSHED, TESTED, AND READY FOR SERVICE.

16. A CERTIFIED MANUFACTURER'S REPRESENTATIVE SHALL BE ON SITE TO OBSERVE THE INSTALLATION OF THE INSULATED SANITARY SEWER SECTIONS.

STORM SEWER:

17. STORM SEWERS, HOUSE LATERALS, AND APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATIONS OF THE TOWN OF WEBSTER.

18. STORM SEWER PIPE SHALL BE HDPE OR AS NOTED ON THE PLAN

19. CHECK VALVES TO BE PROVIDED ON SUMP PUMPS.

20. ALL DOWNSPOUTS SHALL DISCHARGE ON SPLASH BLOCKS. FOUNDATION DRAINS SHALL DISCHARGE TO STORM LATERALS VIA SUMP PUMPS.

NOT APPROVED
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APPROVALS

BY: COMMISSIONER OF PUBLIC WORKS DATE:

BY: TOWN HIGHWAY SUPERINTENDENT DATE:

BY: TOWN ASSESSOR DATE:

BY: FIRE MARSHAL DATE:

BY: PLANNING BOARD CHAIRMAN DATE:

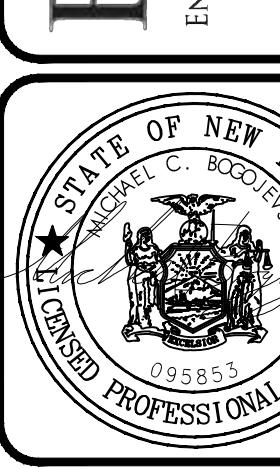
BY: WEBSTER SEWER DISTRICT DATE:

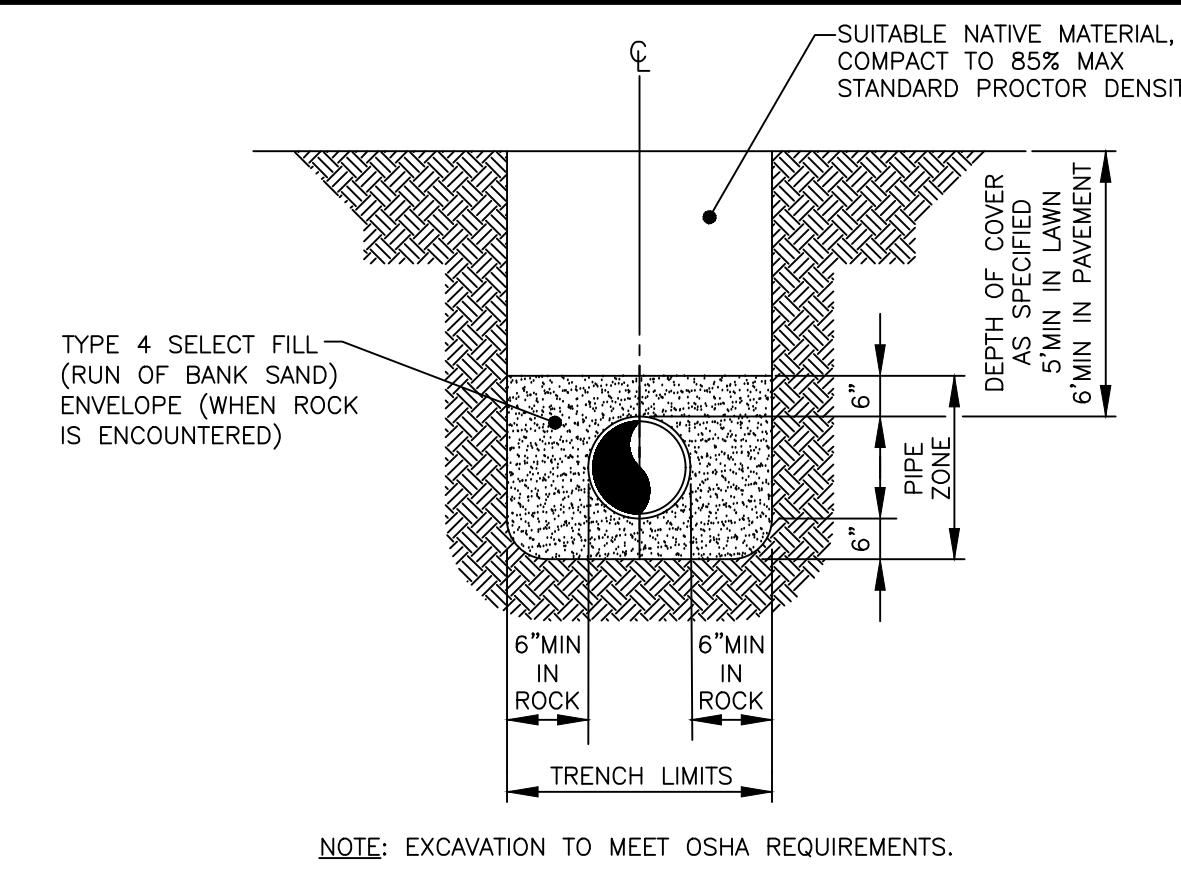
2723
DRAWING NO. 23

SIENNA RESERVE
TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
INSTEAD LAND DEVELOPMENT, INC.
28 MILLION POND WAY SUITE 300
PEPPIFIELD, NY 14526
FINAL
DRAWING TITLE
DRAWING NO.

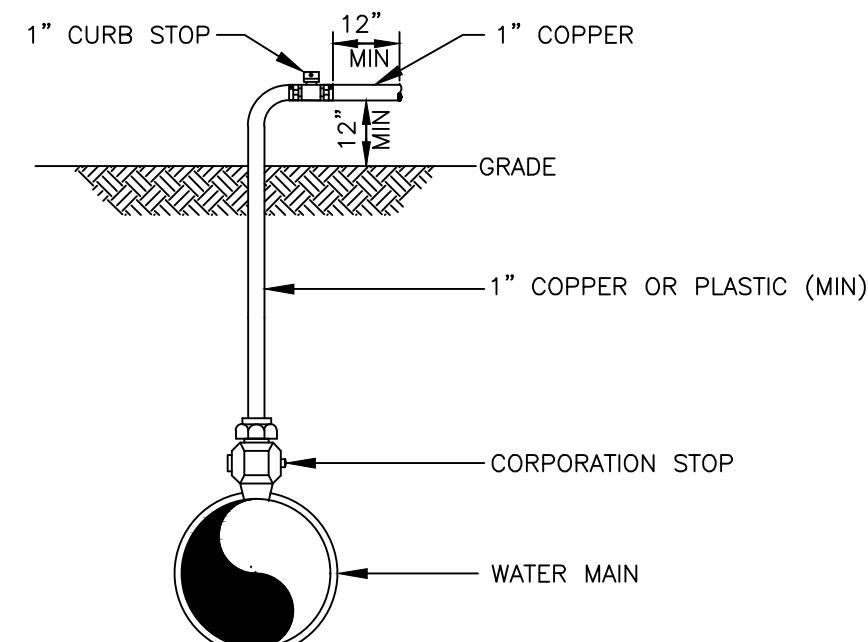
PROJECT NUMBER
LOCATION
CLIENT
DRAWN BY
SCALE DATE ISSUED
AS SHOWN JUNE 6, 2025
PROJECT NO.

BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS
www.bmepc.com
545-377-7360
10 LIFEBRIDGE LANE EAST
FAIRPORT, NEW YORK 14450

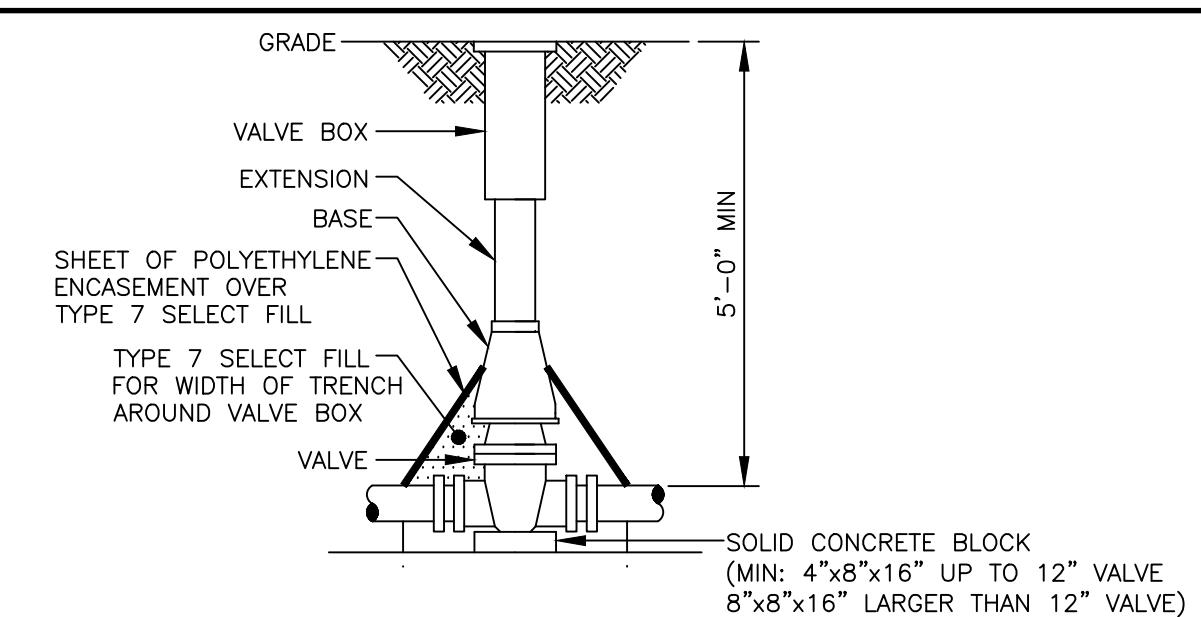




DIP TRENCH
NOT TO SCALE



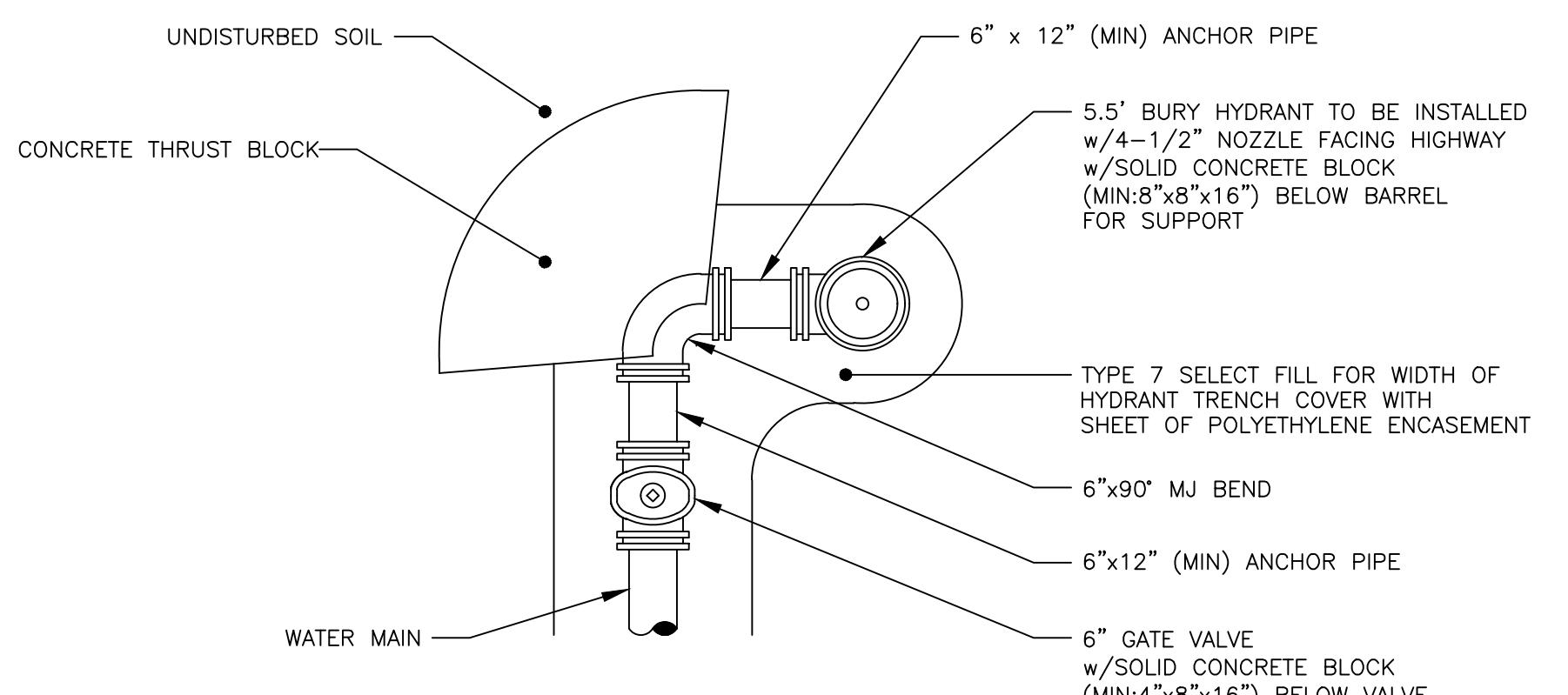
DISINFECTION/BLOW-OFF/SAMPLING TAP (TEMPORARY)
NOT TO SCALE



NOTES:

1. VALVE BOX SHALL BE CENTERED ON VALVE AND SET ON COMPACTED BACKFILL.
2. VALVE SHALL NOT SUPPORT VALVE BOX.
3. ALL VALVES SHALL BE OPEN LEFT EXCEPT:
TOWN OF WEBSTER - VALVES 12" AND SMALLER SHALL OPEN RIGHT.
TOWN OF HENRIETTA - SHALL OPEN RIGHT

VALVE
NOT TO SCALE



DEAD END PERPENDICULAR HYDRANT ASSEMBLY
NOT TO SCALE

CONDITION	SCHEMATIC	REQUIREMENTS
I WATER LINE ABOVE SEWER LINE		A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) BACKFILL WITH COMPACTED CRUSHER RUN STONE.
II WATER LINE ABOVE SEWER LINE		A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) WHEN BOTH WATER LINE AND SEWER LINE ARE NEW, SLEEVE SEWER LINE WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. WHEN ONE LINE IS EXISTING, SLEEVE PIPE BEING INSTALLED WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. C) BACKFILL WITH COMPACTED CRUSHER RUN STONE.
III SEWER LINE ABOVE WATER LINE		A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) SLEEVE SEWER LINE WITH STEEL CASING FOR 10 FT. EACH SIDE OF CROSSING. C) PROVIDE CRADLE OF CONCRETE OR CRUSHER RUN STONE (SEE TRENCH DETAIL BELOW) FOR WATER LINE AND SEWER LINE FOR 10 FT. EACH SIDE OF CROSSING.
NOTES		
WL (WATER LINE) SL (SEWER LINE) D (OUTSIDE DIAMETER OF PIPE)		
IN NO CASE SHALL PIPES BE CLOSER THAN 18" APART. DISTANCES ARE MEASURED BETWEEN OUTSIDES OF PIPE.		

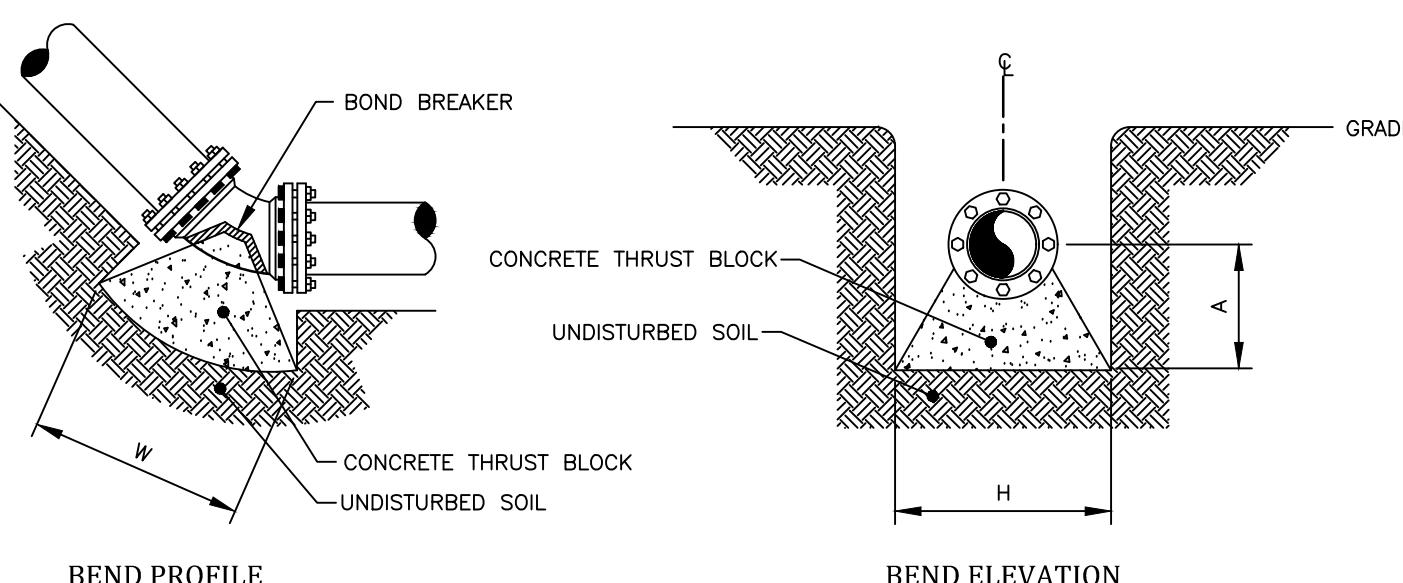
WATERMAIN/SEWER CROSSING DETAIL

NOT TO SCALE

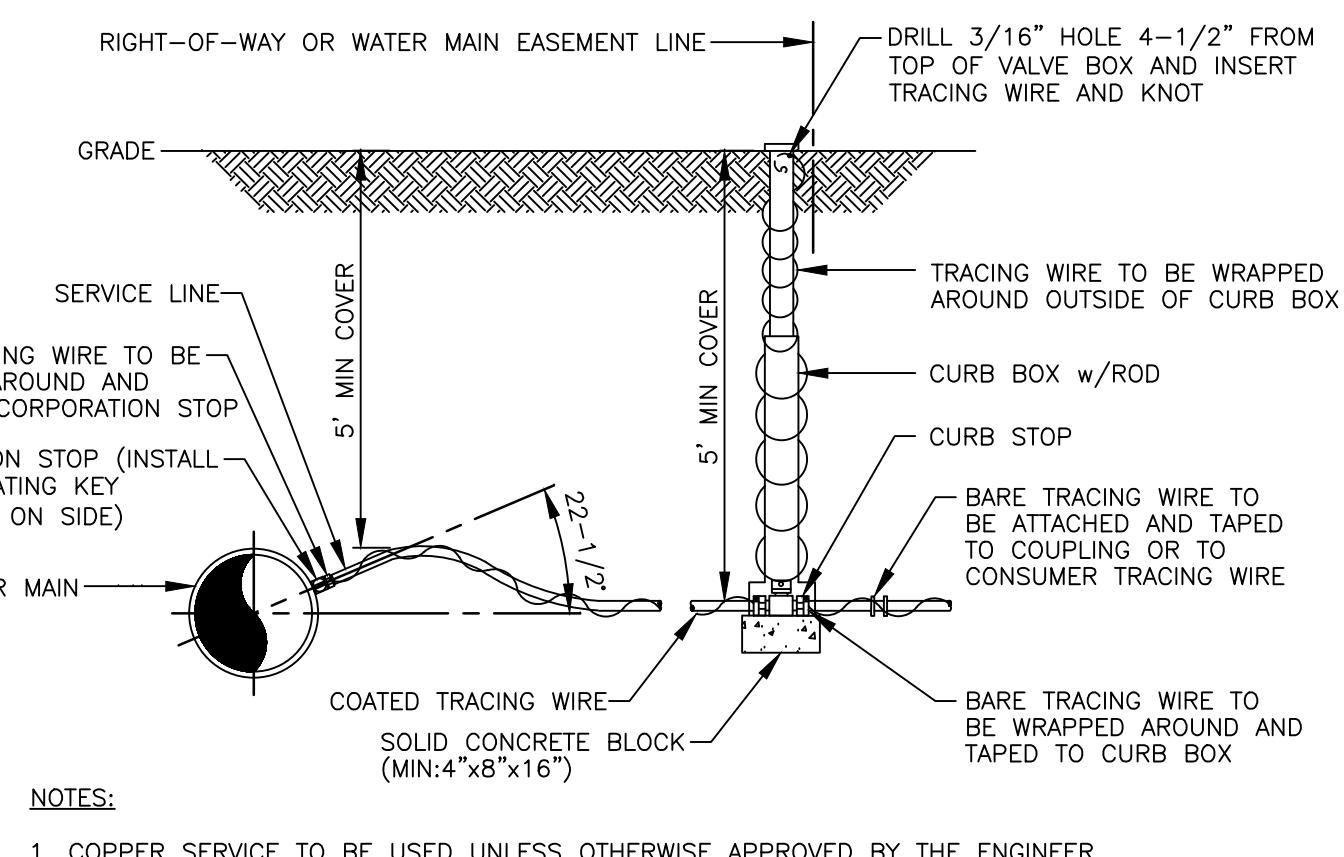
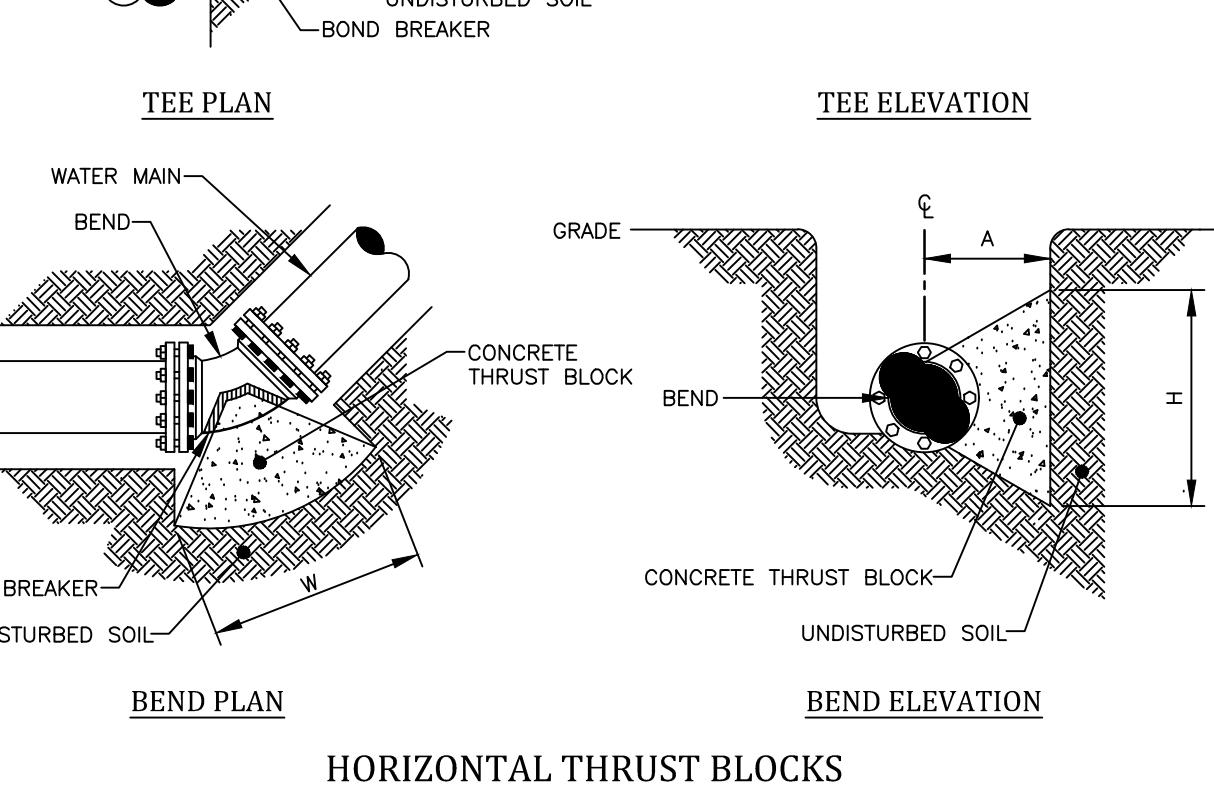
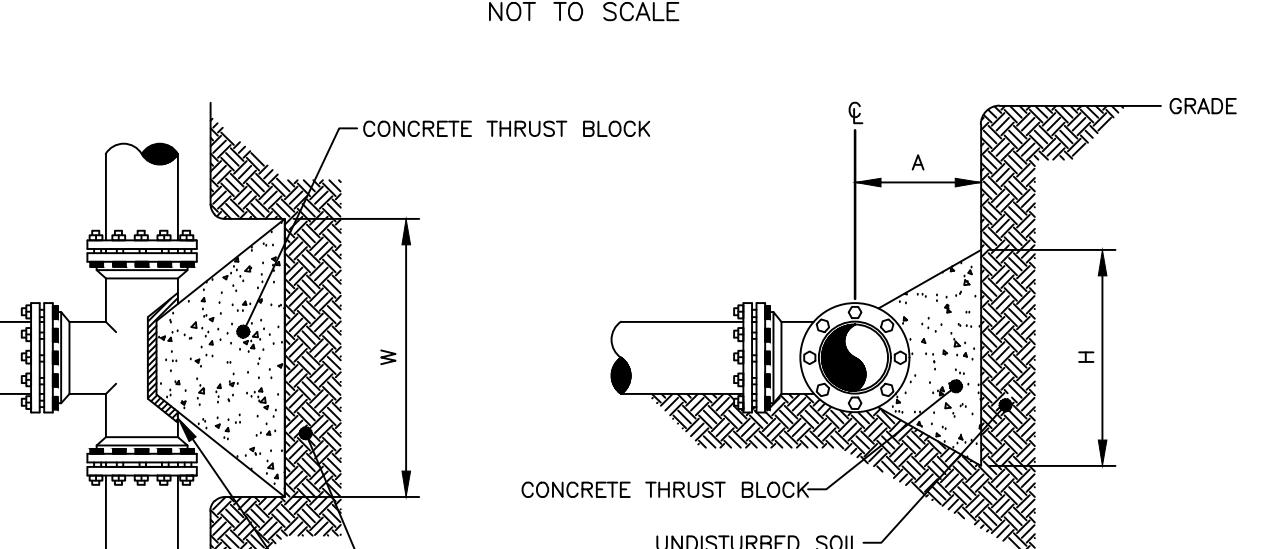
PIPE DIAMETER	BEND OR FITTING				
	11 $\frac{1}{4}$ DEGREE	22 $\frac{1}{2}$ DEGREE	45 DEGREE	90 DEGREE	TEE*, CAP OR PLUG
6"	1.0	1.0	1.5	1.0	1.5

* SIZE BLOCK BASED ON BRANCH DIAMETER.
SOIL BEARING STRENGTH - 2,000 PSF
200 PSI TEST PRESSURE

HORIZONTAL AND VERTICAL UP THRUST BLOCKS



VERTICAL UP THRUST BLOCKS



NOTES:

1. COPPER SERVICE TO BE USED UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. TRACING WIRE TO BE USED WITH POLYETHYLENE SERVICE ONLY.

SERVICE INSTALLATION

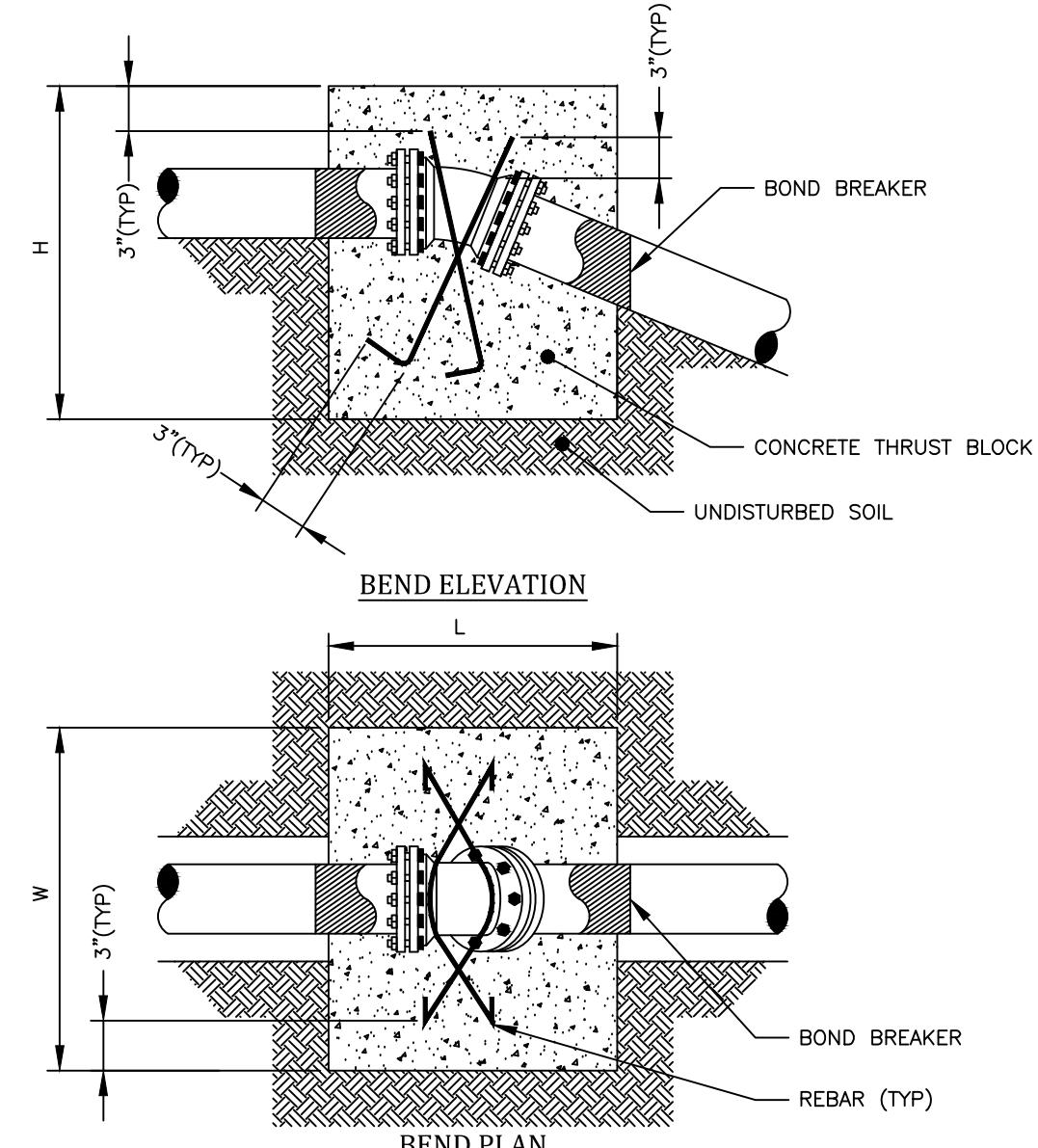
NOT TO SCALE

PIPE DIAMETER	BEND							
	11 $\frac{1}{4}$ DEGREE	22 $\frac{1}{2}$ DEGREE	45 DEGREE	90 DEGREE	L (FT)	W (FT)	H (FT)	VOL (CY)
6"	3.0	3.0	3.0	1.0	3.0	4.0	3.5	1.5

SOIL BEARING STRENGTH - 2,000 PSF

200 PSI TEST PRESSURE

VERTICAL DOWN THRUST BLOCKS



VERTICAL DOWN THRUST BLOCKS

NOT TO SCALE

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APPROVALS

BY: COMMISSIONER OF PUBLIC WORKS	DATE:
BY: TOWN HIGHWAY SUPERINTENDENT	DATE:
BY: TOWN ASSESSOR	DATE:
BY: FIRE MARSHAL	DATE:
BY: PLANNING BOARD CHAIRMAN	DATE:
BY: WEBSTER SEWER DISTRICT	DATE:

2723
DRAWING NO.
24

SIEVIA RESERVE

TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
INSTEAD LAND DEVELOPMENT, INC.
28 WILLOW POND WAY, SUITE 300
PEWFIELD, NY 14526

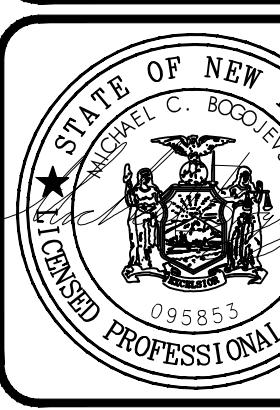
FINAL

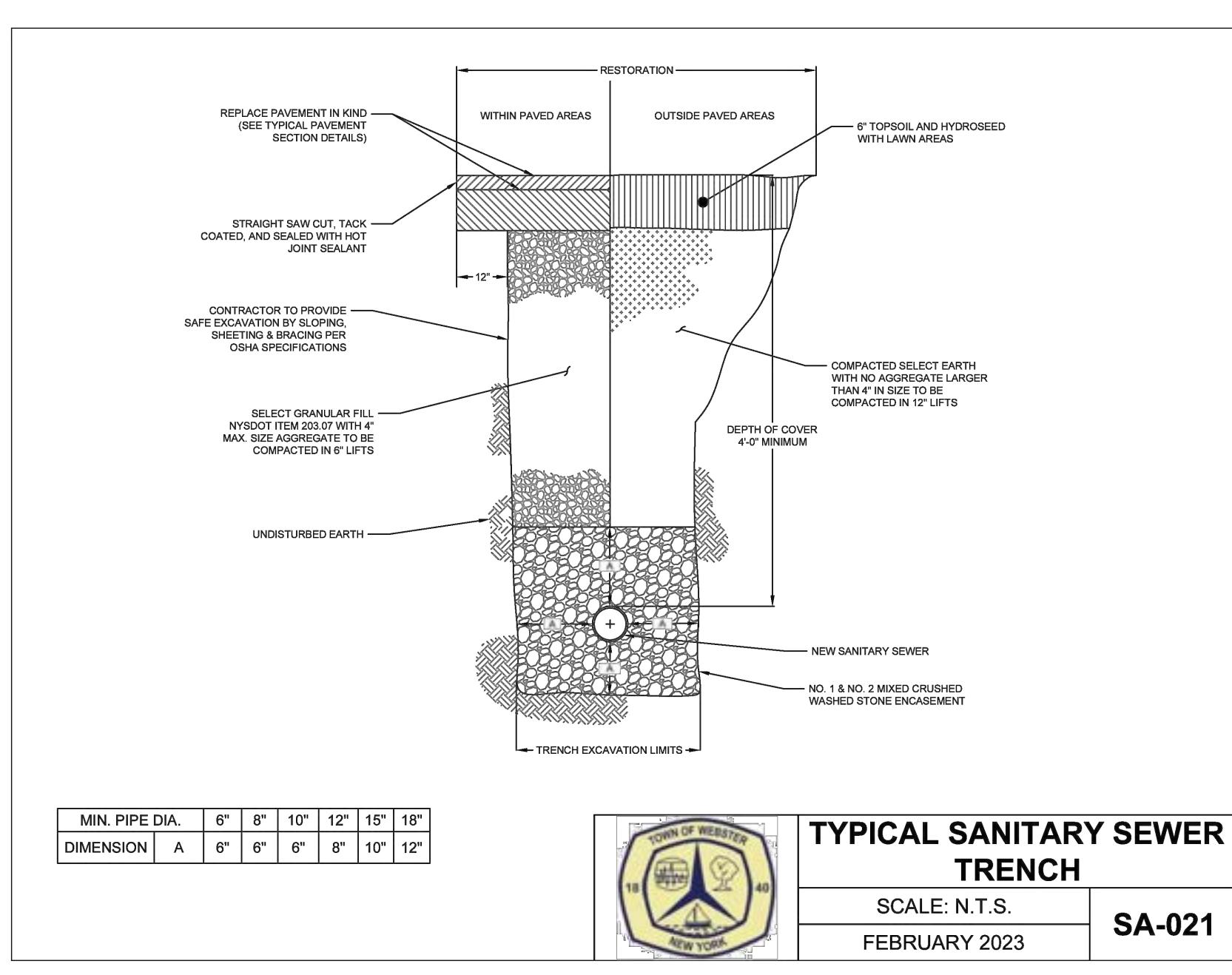
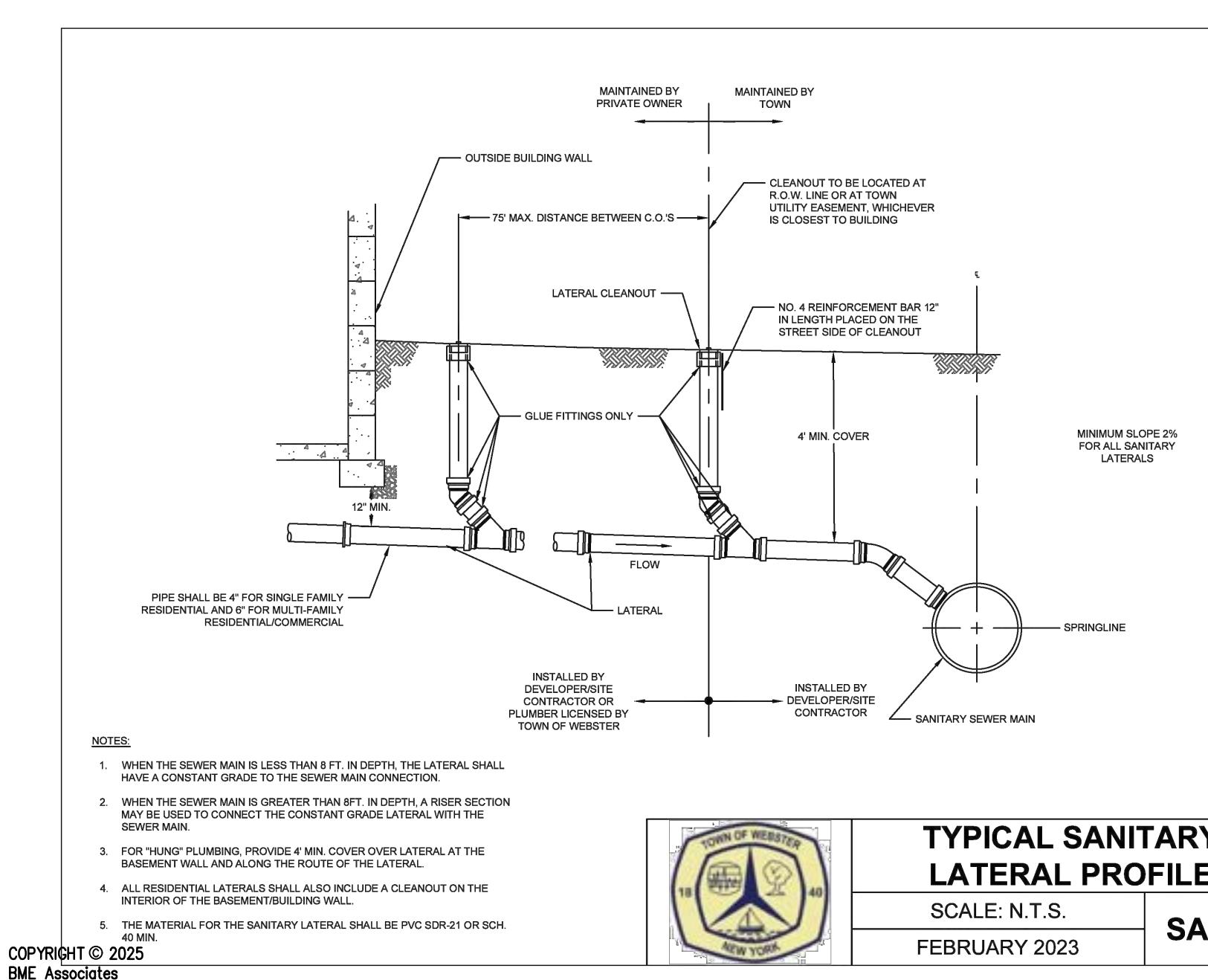
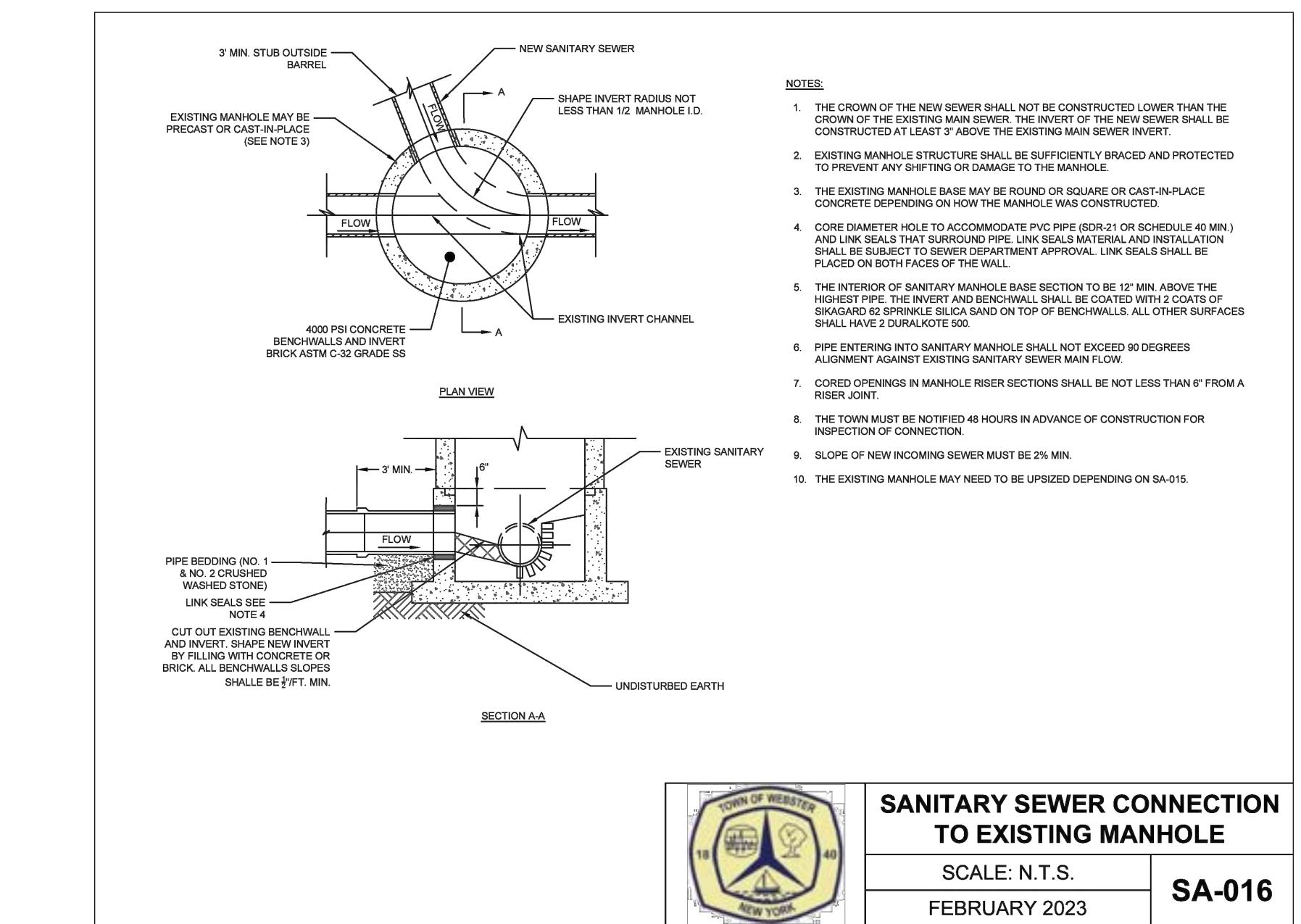
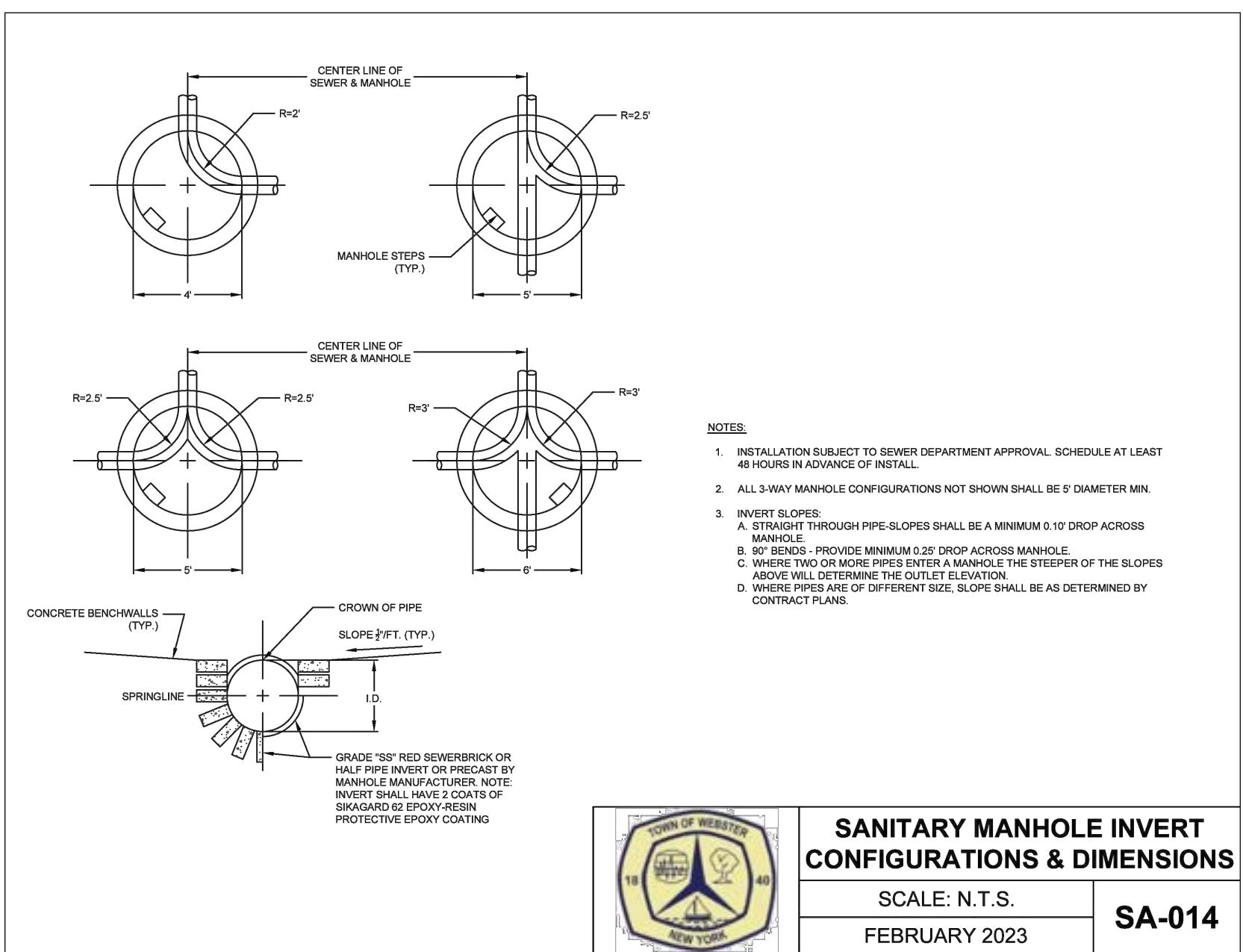
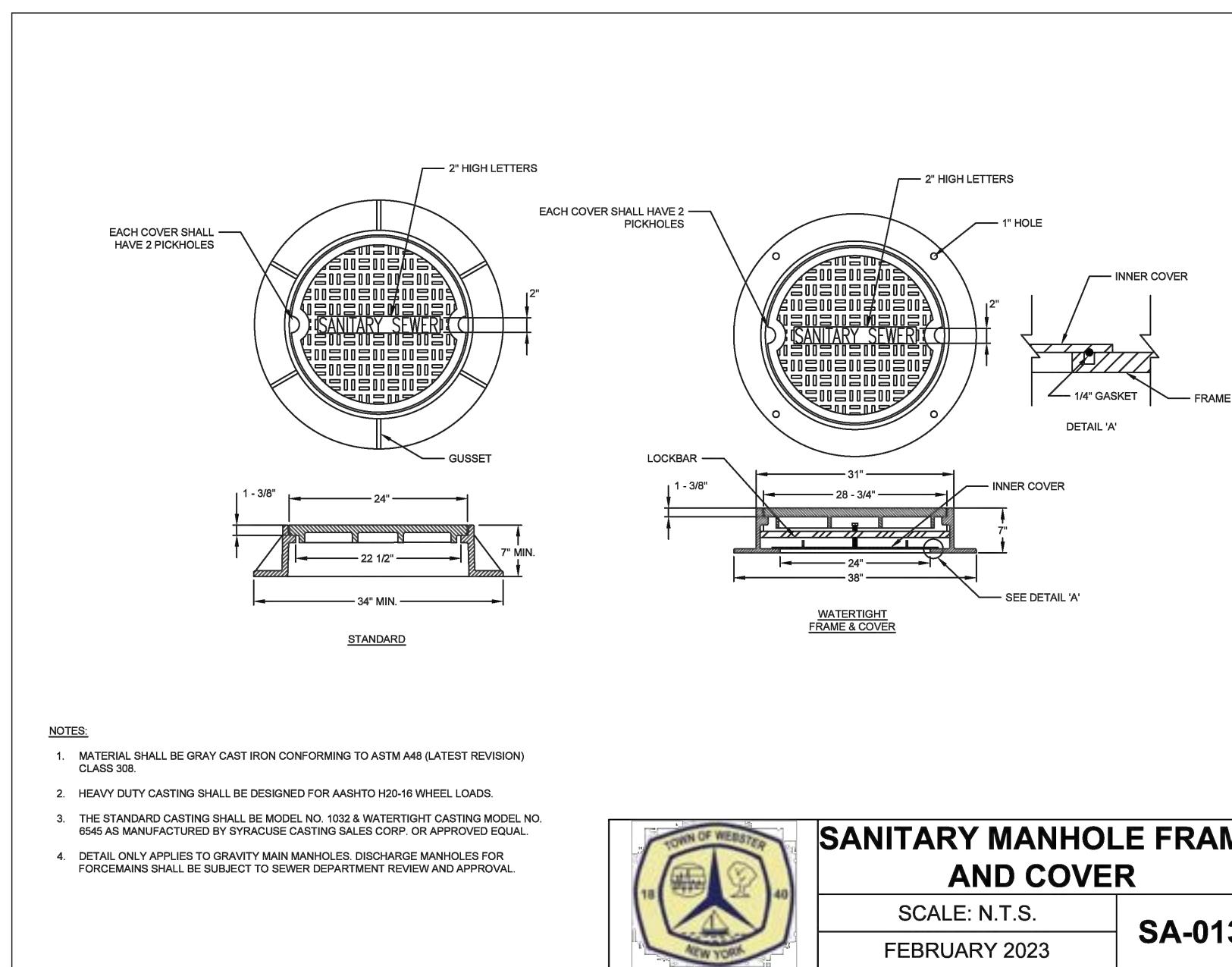
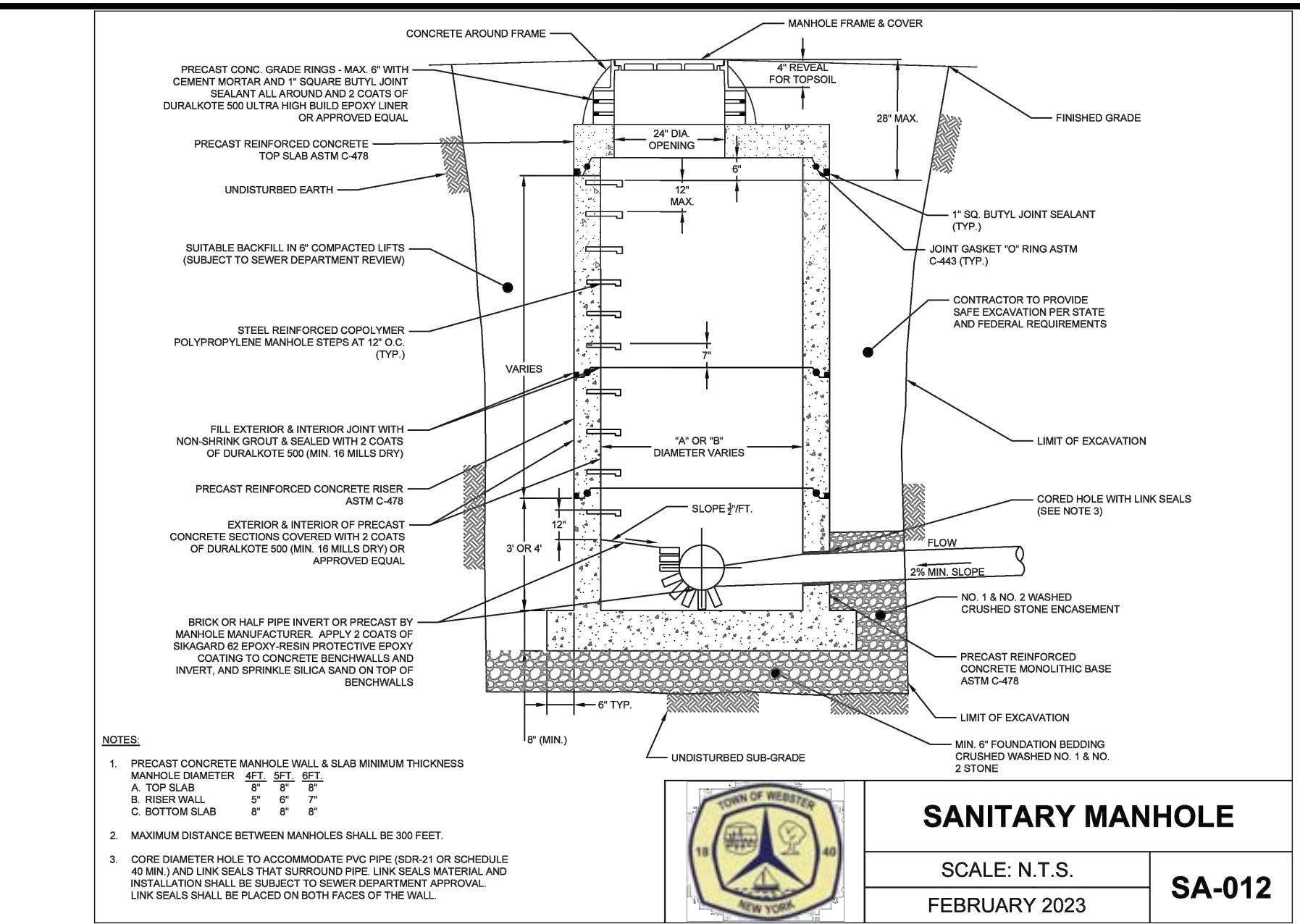
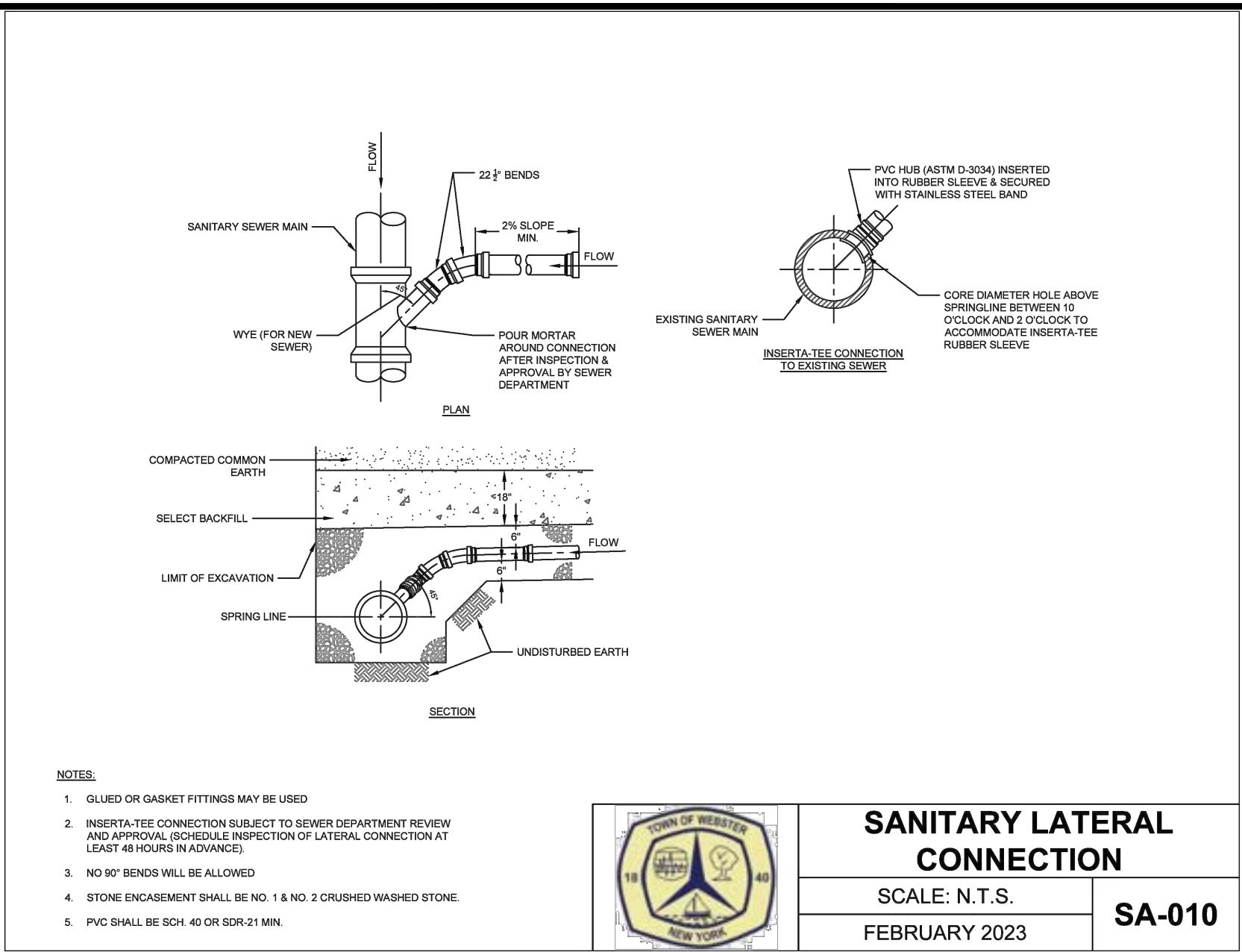
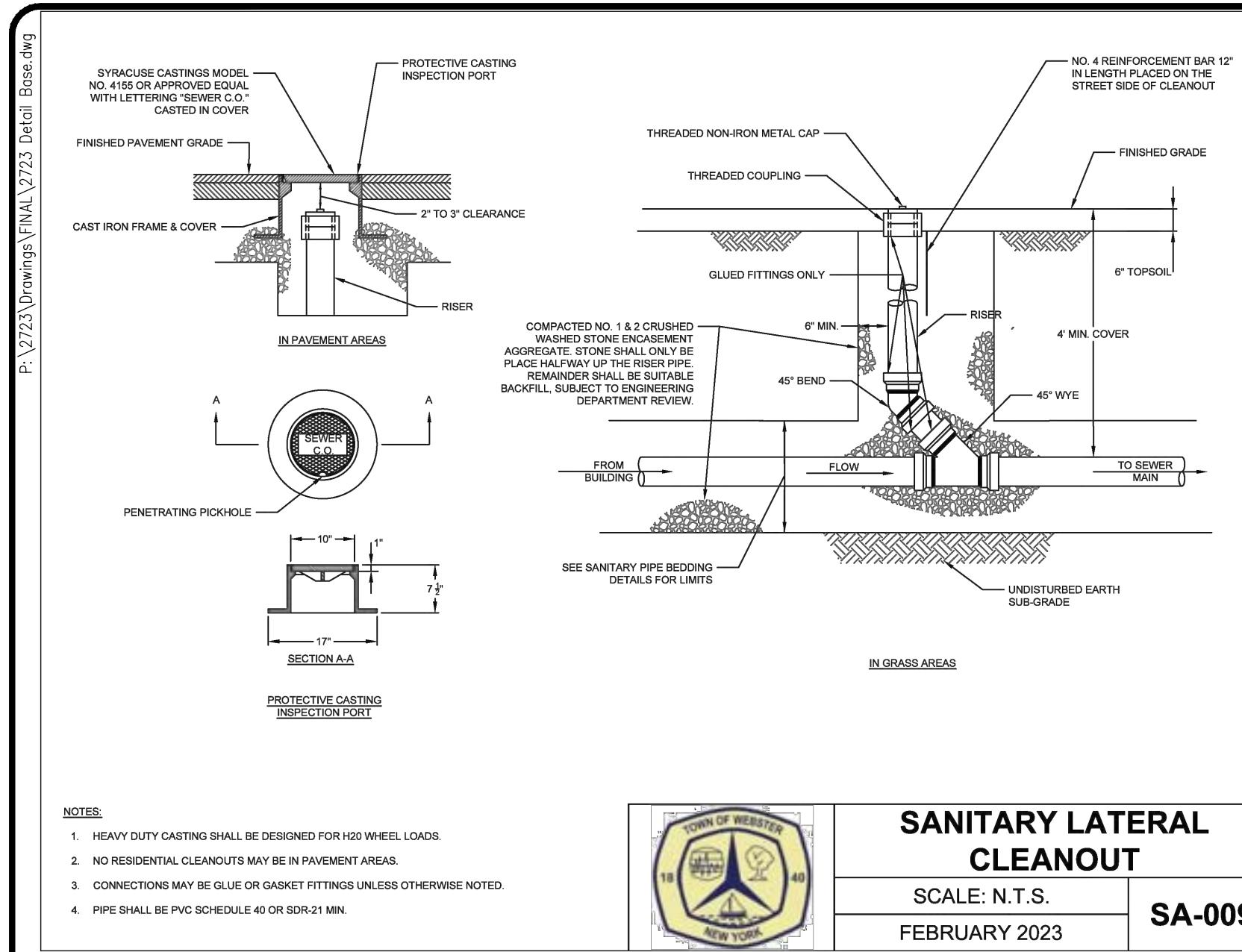
WATERMAIN DETAIL SHEET

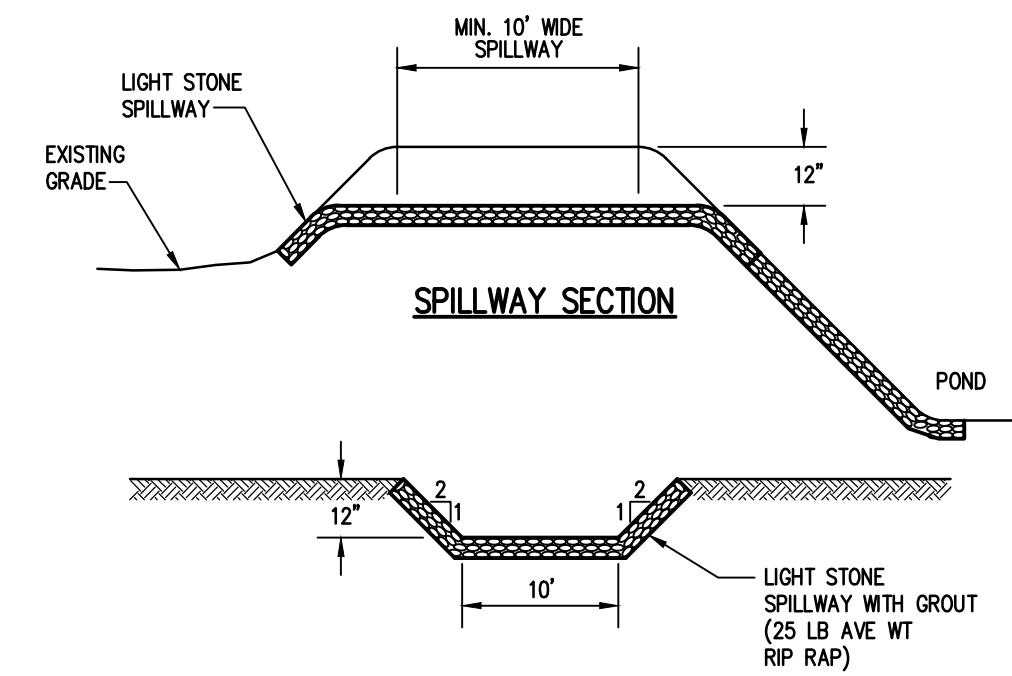
PROJECT
LOCATION
CLIENT
DRAWING TITLE
PROJECT MANAGER
M. BOGOJEVSKI
PROJECT ENGINEER
M. SERENI
DRAWN BY
A. D'ANGELO
SCALE
N.T.S.
DATE ISSUED
JUNE 6, 2025
PROJECT NO.
2723
DRAWING NO.

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing.
It is a violation of this law for any engineer or land surveyor to alter any item in any way on a plan or drawing that is under the direction of a licensed professional engineer or land surveyor to alter any item in any way on a plan or drawing that is under the direction of a licensed professional engineer or land surveyor. If an alteration is made, the altering engineer or land surveyor shall affix the item and the alteration shall be followed by his signature and the date of such alteration.

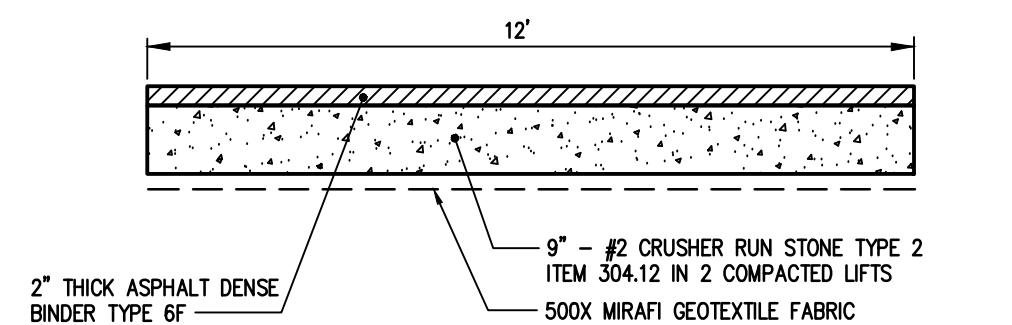
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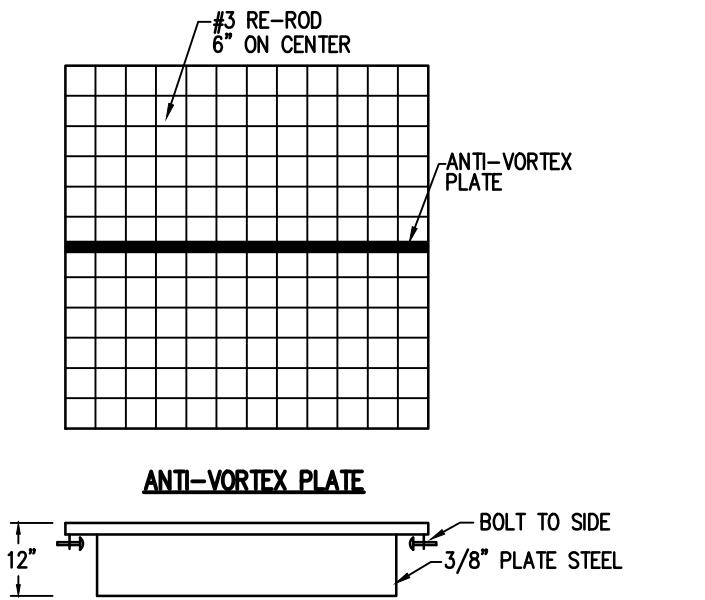




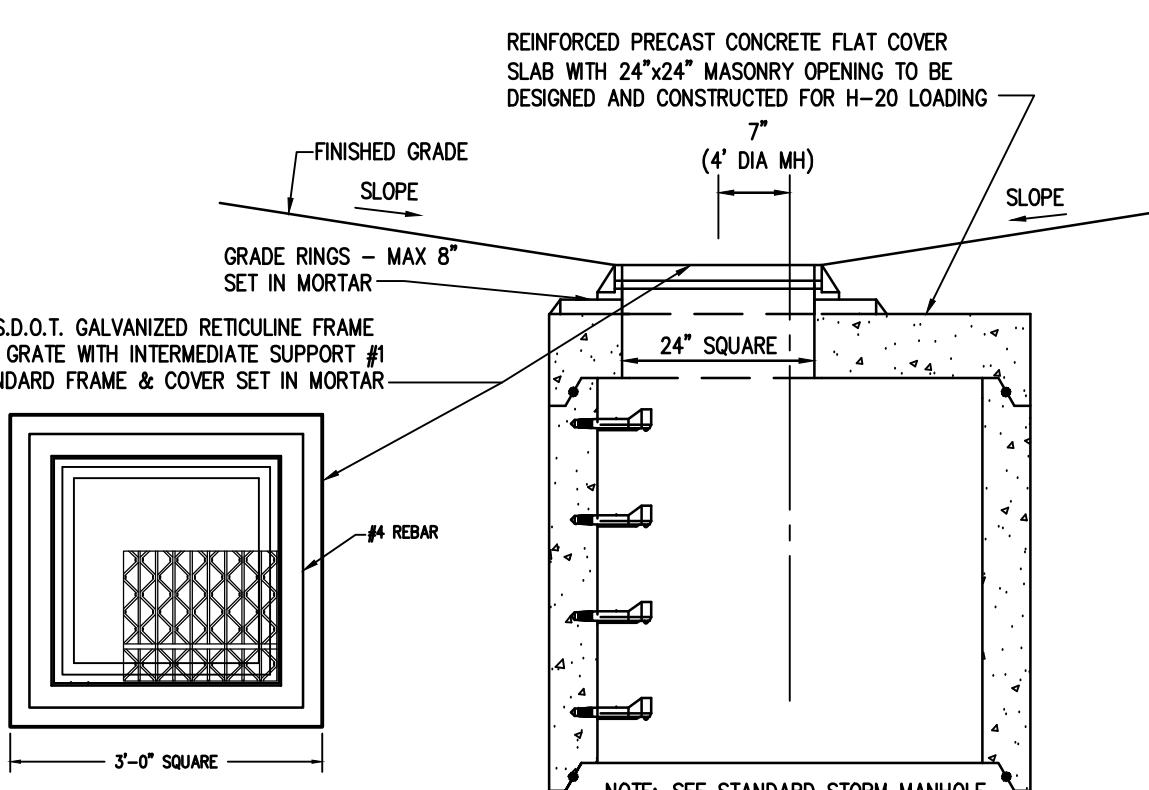
TRIP RAP SPILLWAY DETAIL
N.T.S.



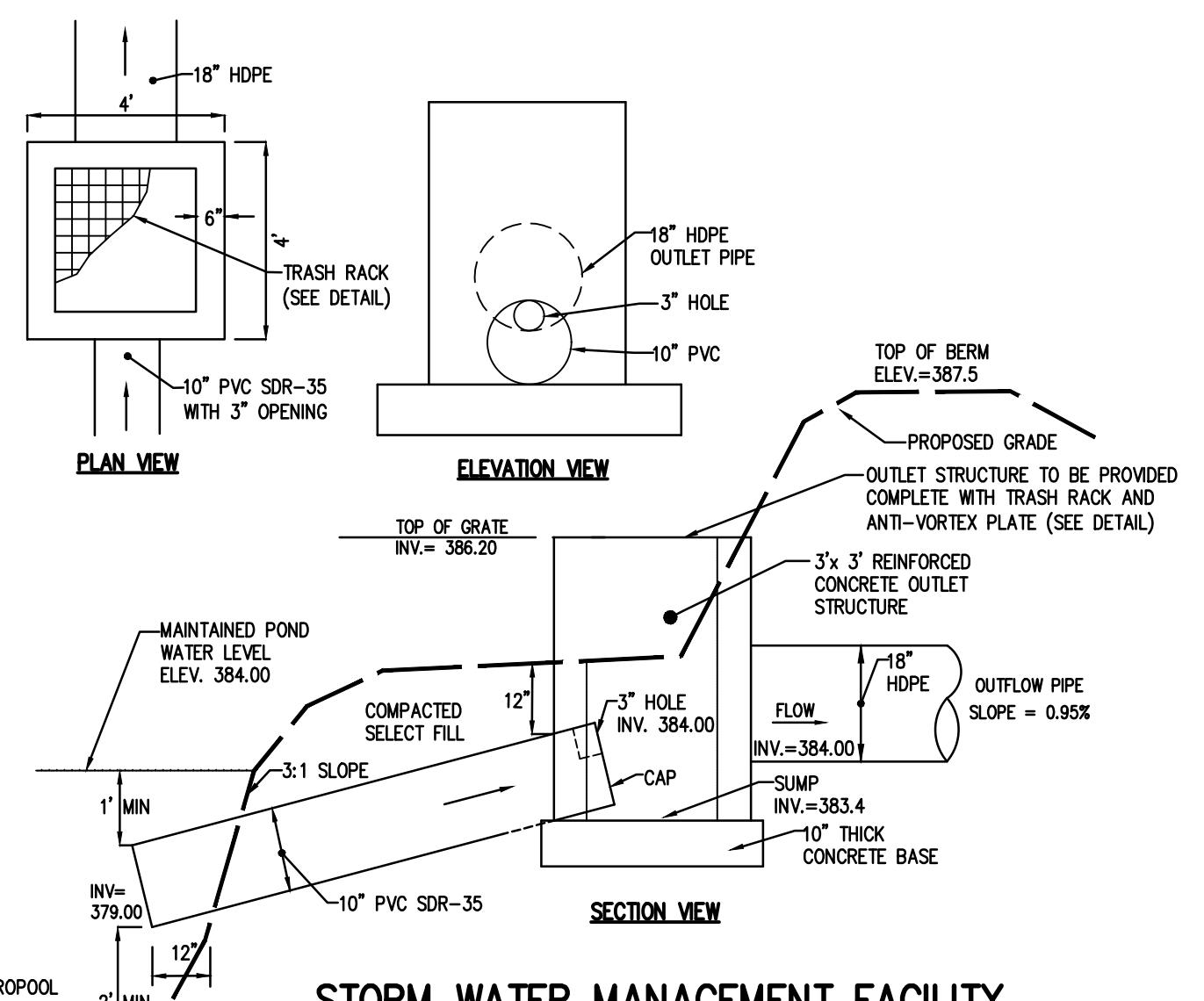
SWMF ACCESS ROAD SECTION DETAIL
N.T.S.



TRASH RACK DETAIL
N.T.S.



STORM INLET MANHOLE DETAIL



STORM WATER MANAGEMENT FACILITY
OUTLET STRUCTURE DETAIL

NOT APPROVED

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REFERENCES

BY: _____ DATE: _____
COMMISSIONER OF PUBLIC WORKS

BY: _____ DATE: _____
TOWN HIGHWAY SUPERINTENDENT

BY: _____ DATE: _____
TOWN ASSESSOR

BY: _____ DATE: _____
FIRE MARSHAL

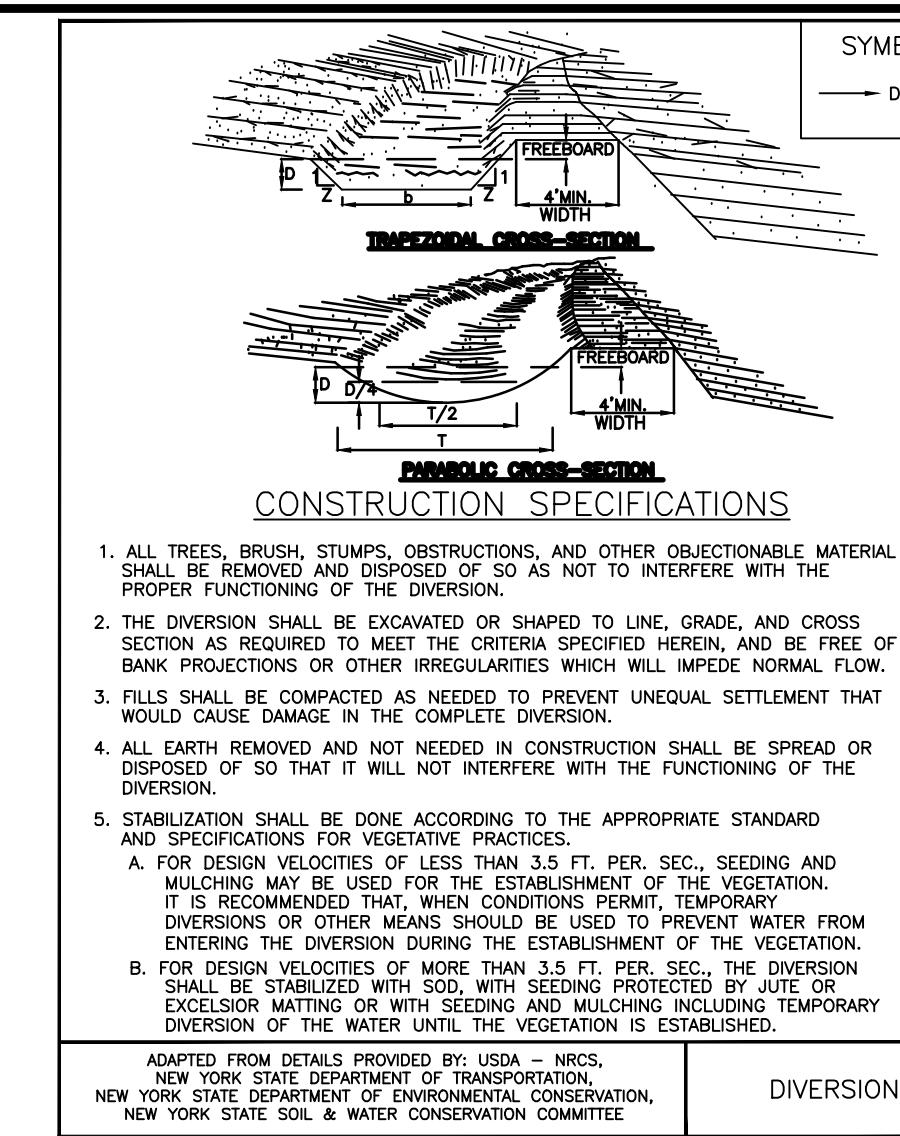
BY: _____ DATE: _____
PLANNING BOARD CHAIRMAN

BY: _____ DATE: _____
WEBSTER SEWER DISTRICT

OBJECT MANAGER
BOGOJEVSKI
OBJECT ENGINEER
SERENI
AWN BY
D'ANGELO
ALE DATE ISSU
T.S. JUNE 6, 20

ITEM NO.

26

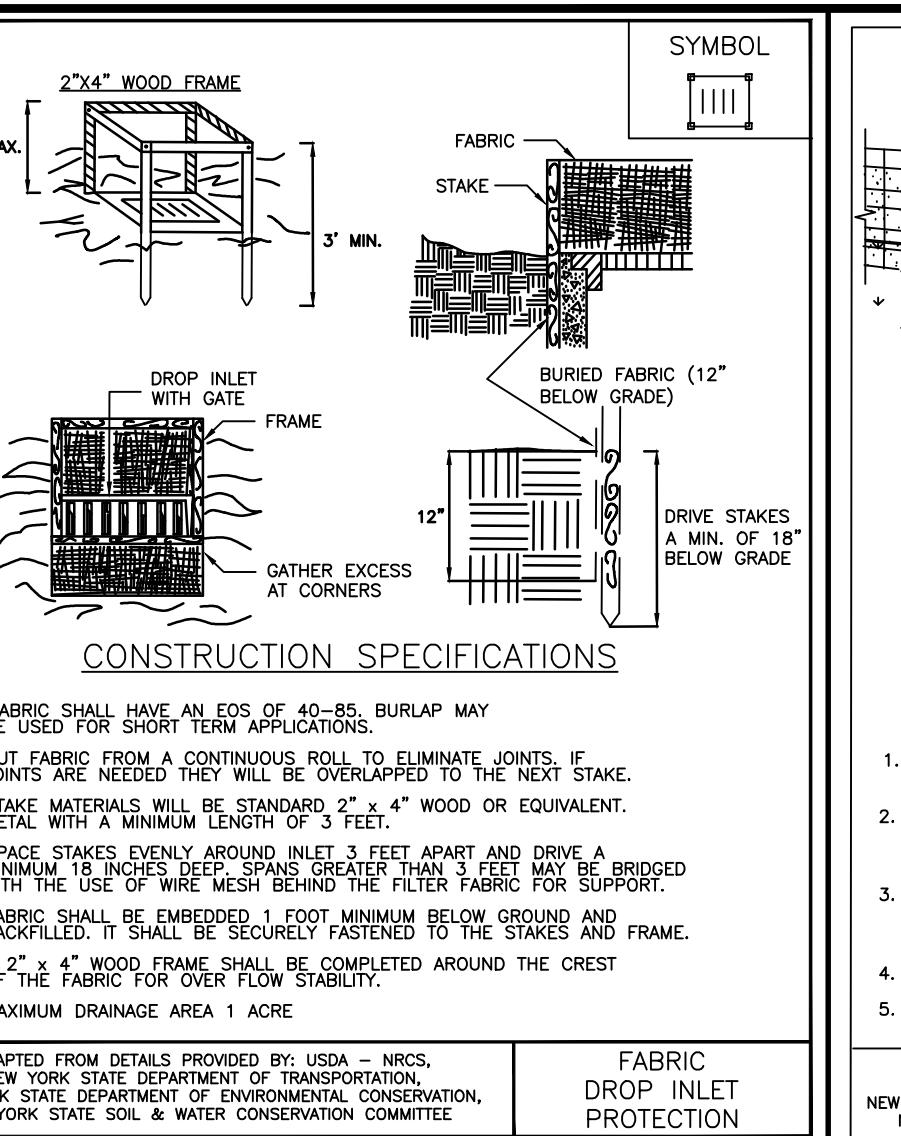


CONSTRUCTION SPECIFICATIONS

- ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIVE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE DIVERSION.
- THE DIVERSION SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN, AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
- FILLS SHALL BE COMPAKTED AS NEEDED TO PREVENT UNEQUAL SETTLEMENT THAT WOULD CAUSE DAMAGE IN THE COMPLETE DIVERSION.
- ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE DIVERSION.
- STABILIZATION SHALL BE DONE ACCORDING TO THE APPROPRIATE STANDARD AND SPECIFICATIONS FOR VEGETATIVE PRACTICES.
- A. FOR DESIGN VELOCITIES OF LESS THAN 3.5 FT/SEC. SEEDING AND MULCHING SHALL BE USED AS THE ESTABLISHED MEANS. IT IS RECOMMENDED THAT, WHEN CONDITIONS PERMIT, TEMPORARY DIVERSIONS OR OTHER MEANS SHALL BE USED TO PREVENT WATER FROM ENTERING THE DIVERSION. THIS WILL ALLOW THE PLANTING OF THE VEGETATION.
- B. FOR DESIGN VELOCITIES OF MORE THAN 3.5 FT. PER SEC., THE DIVERSION SHALL BE STABILIZED WITH SOD, WITH SEEDING PROTECTED BY JUTE OR GEOTEXTILE. BURLAP MAY BE USED AS A STABILIZING MEASURE DURING TEMPORARY DIVERSION OF THE WATER UNTIL THE VEGETATION IS ESTABLISHED.

ADAPTED FROM DETAILS PROVIDED BY USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

DIVERSION



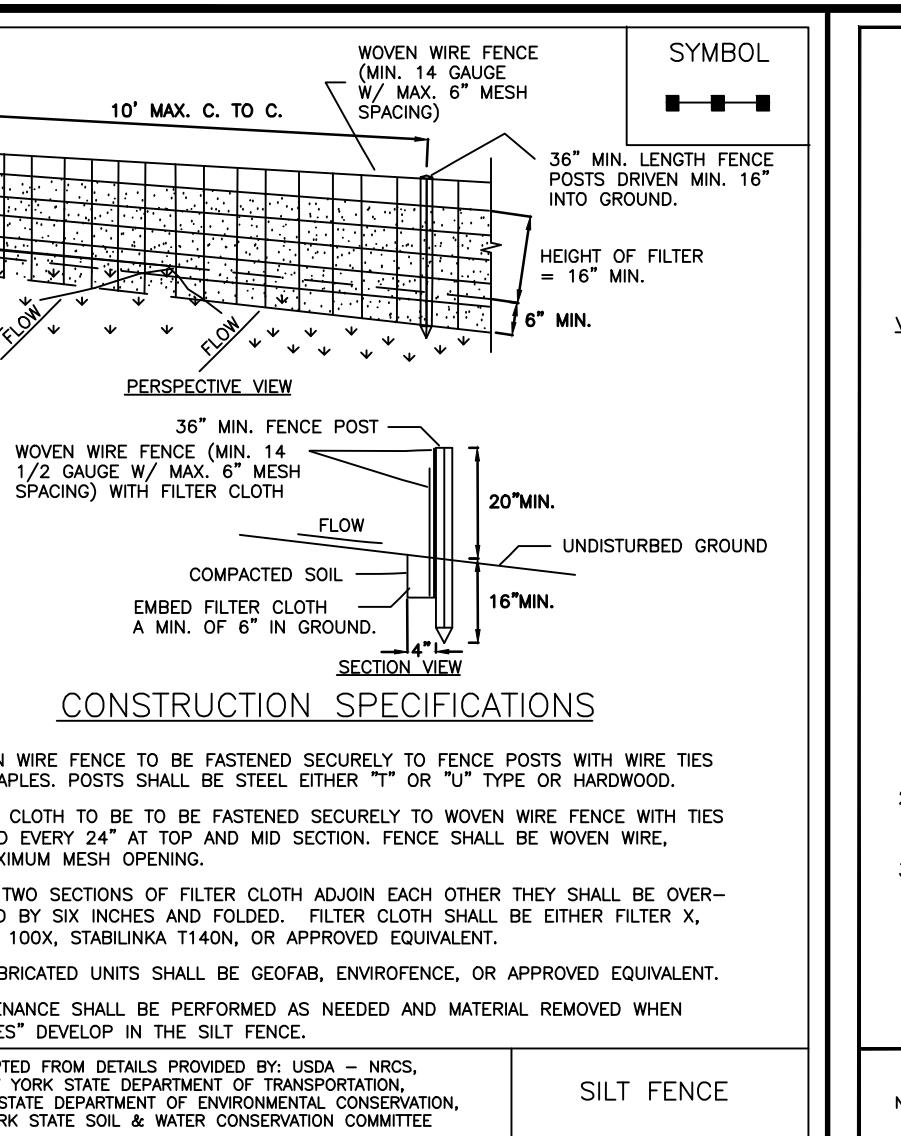
CONSTRUCTION SPECIFICATIONS

- FABRIC SHALL HAVE AN EGS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
- CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
- STAKE MATERIAL WILL BE STAINLESS STEEL, 4" WOOD OR EQUIVALENT. MIN. 1" DIAMETER, MIN. LENGTH OF 3 FEET.
- SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH AN ADDITIONAL STAKE. FILTER FABRIC WILL SUPPORT THE STAKES.
- FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
- A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

MAXIMUM DRAINAGE AREA 1 ACRE

ADAPTED FROM DETAILS PROVIDED BY USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

FABRIC DROP INLET PROTECTION



CONSTRUCTION SPECIFICATIONS

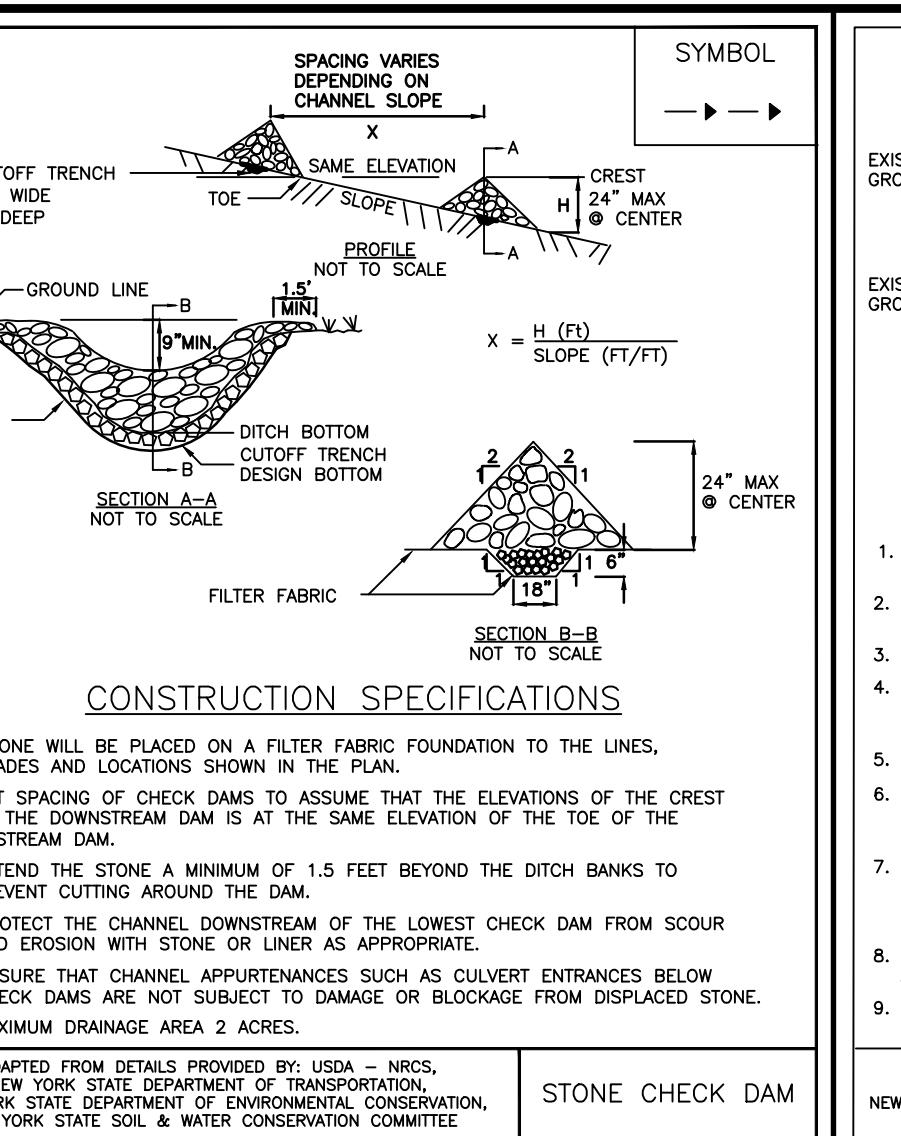
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL, EITHER "T" OR "U" TYPE OR HARDWOOD.
- SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION. STABILIZE BANKS AS APPROPRIATE.
- PREFACTRIC UNITS SHALL BE GEOFAB, ENVIRONFAB, OR APPROVED EQUIVALENT.

5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULLETS" DEVELOP IN THE SILT FENCE.

MAXIMUM DRAINAGE AREA 2 ACRES

ADAPTED FROM DETAILS PROVIDED BY USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

SILT FENCE



CONSTRUCTION SPECIFICATIONS

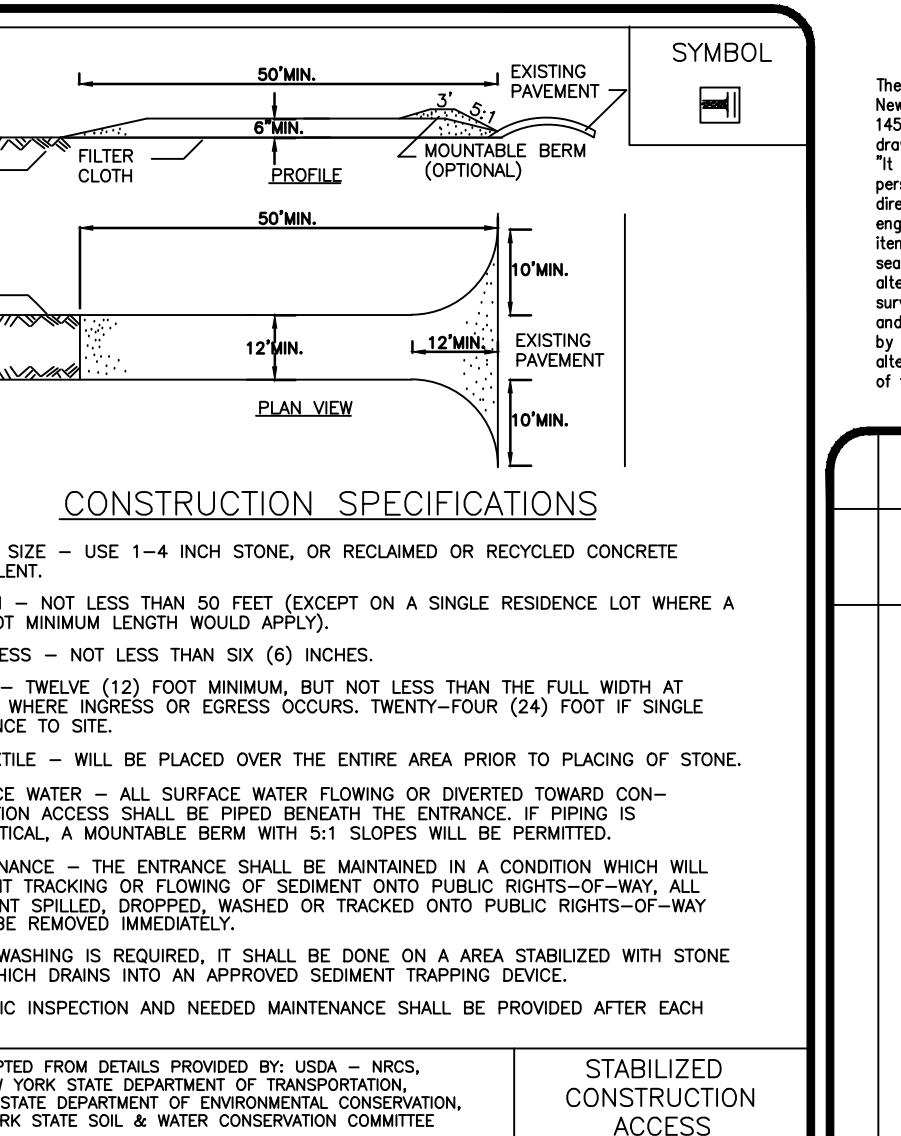
- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION. STABILIZE BANKS AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.

8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHOSE DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAINFALL.

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STONE CHECK DAM



CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 50' FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDEN TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PROVIDED.
- MAINTENANCE - THE ENTIRE AREA SHALL BE MAINTAINED IN A CONDITION WHICH WILL NOT ALLOW THE ACCUMULATION OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHOSE DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAINFALL.

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STABILIZED CONSTRUCTION ACCESS

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 145 Section 7209 and applies to this drawing:
It is a violation of this law for any person to alter any drawing after it has been filed with the director of a licensing board or agency or land surveyor to alter any item in any way if, at the time the drawing was filed, the alterer knew or should have known that the drawing was filed with the director of a licensing board or agency or land surveyor. The alterer shall affix to the item he has added or altered the date of the alteration and the name of the person who made the alteration.

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