

PRELIMINARY/FINAL
SUBDIVISION AND SITE PLANS
BIRDSONG AT CONIFER COVE

DWG No.	
2910-01	COVER SHEET
2910-02	SUBDIVISION PLAT
2910-03	UTILITY PLAN
2910-04	GRADING PLAN
2910-05	CONSTRUCTION EROSION CONTROL PLAN
2910-06	LATERAL PLAN
2910-07	LANDSCAPE PLAN
2910-08	PROFILE SHEET
2910-09	DETAIL SHEET (1 OF 3)
2910-10	DETAIL SHEET (2 OF 3)
2910-11	DETAIL SHEET (3 OF 3)

BIRDSONG AT CONIFER COVE

PRELIMINARY/FINAL SUBDIVISION AND SITE PLANS

TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE

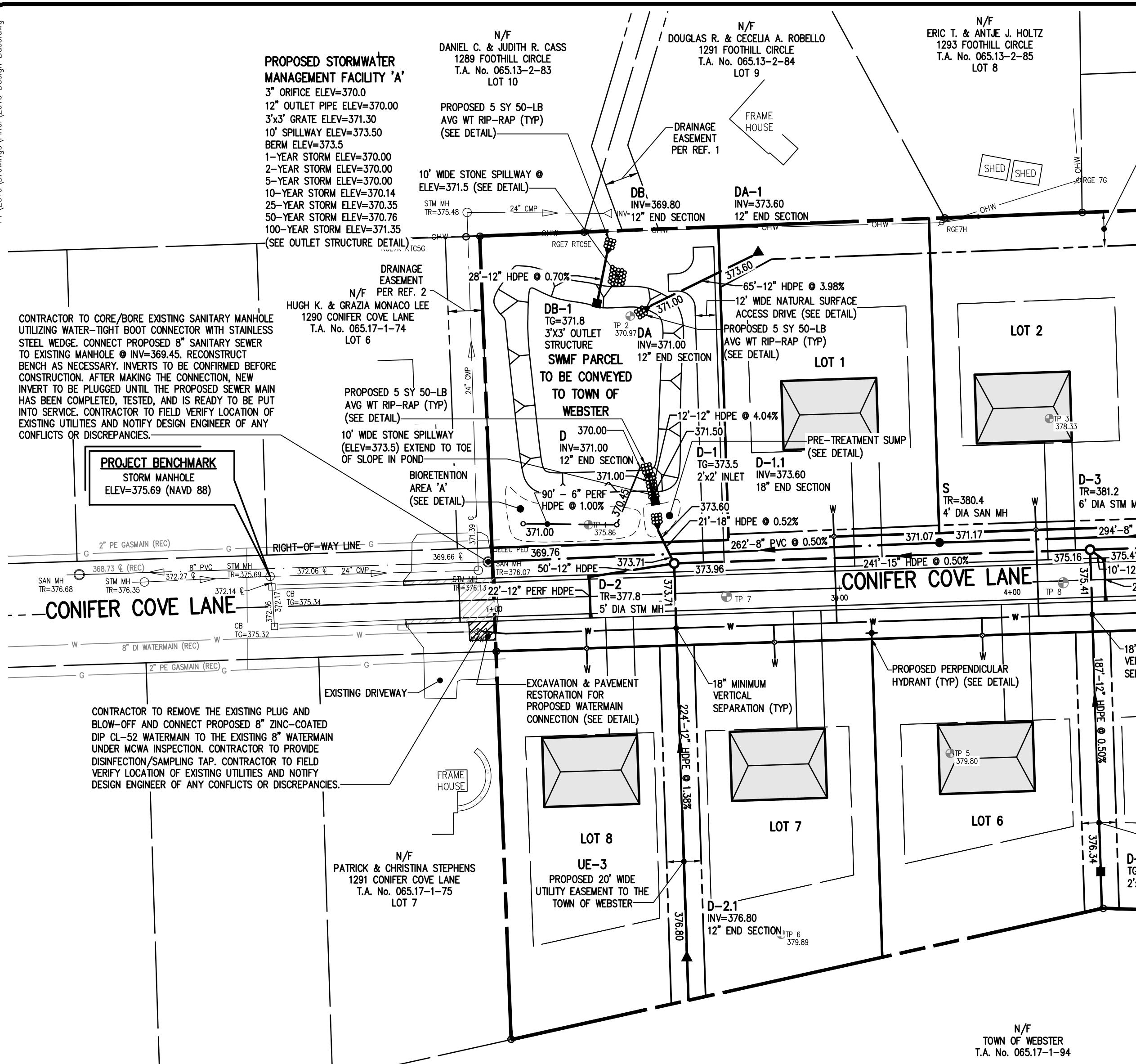
PREPARED FOR:
GROVE UNDERHILL, LLC

56 CLINTWOOD COURT
ROCHESTER, NY 14620

SCALE: 1" = 50'
DRAWING NUMBER: 2910-01
DATED: MAY 14, 2024

BME ASSOCIATES

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10 LIFT BRIDGE LANE EAST
FAIRPORT, NEW YORK 14450
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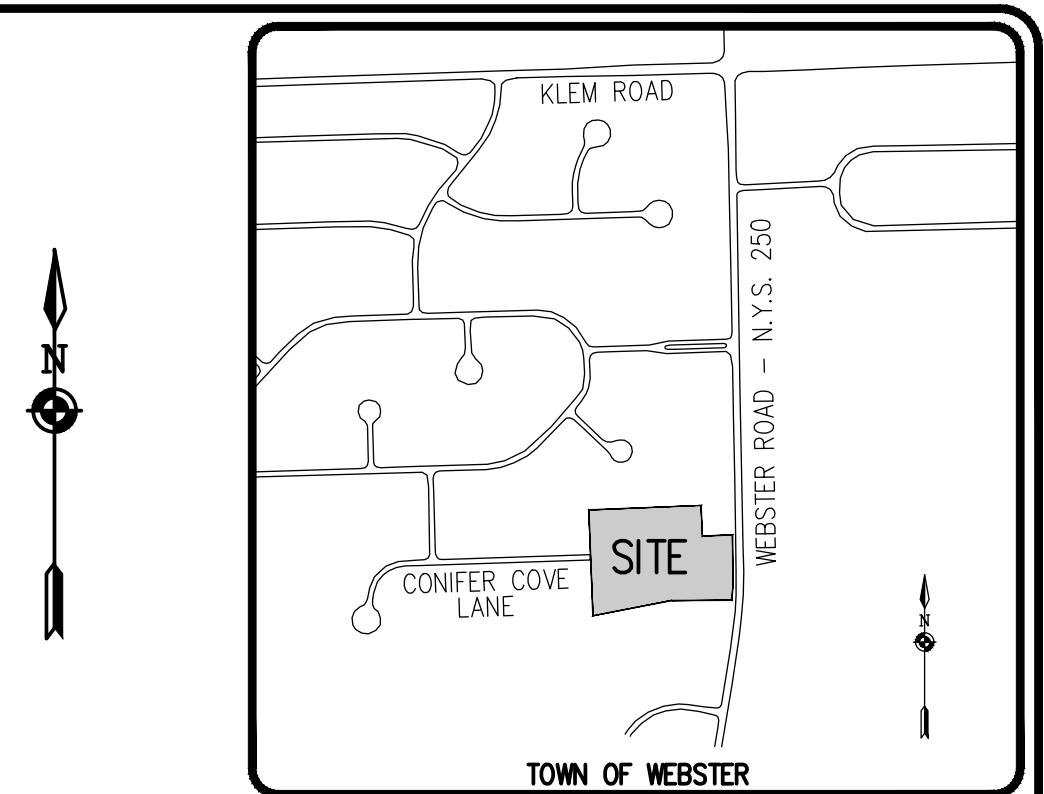
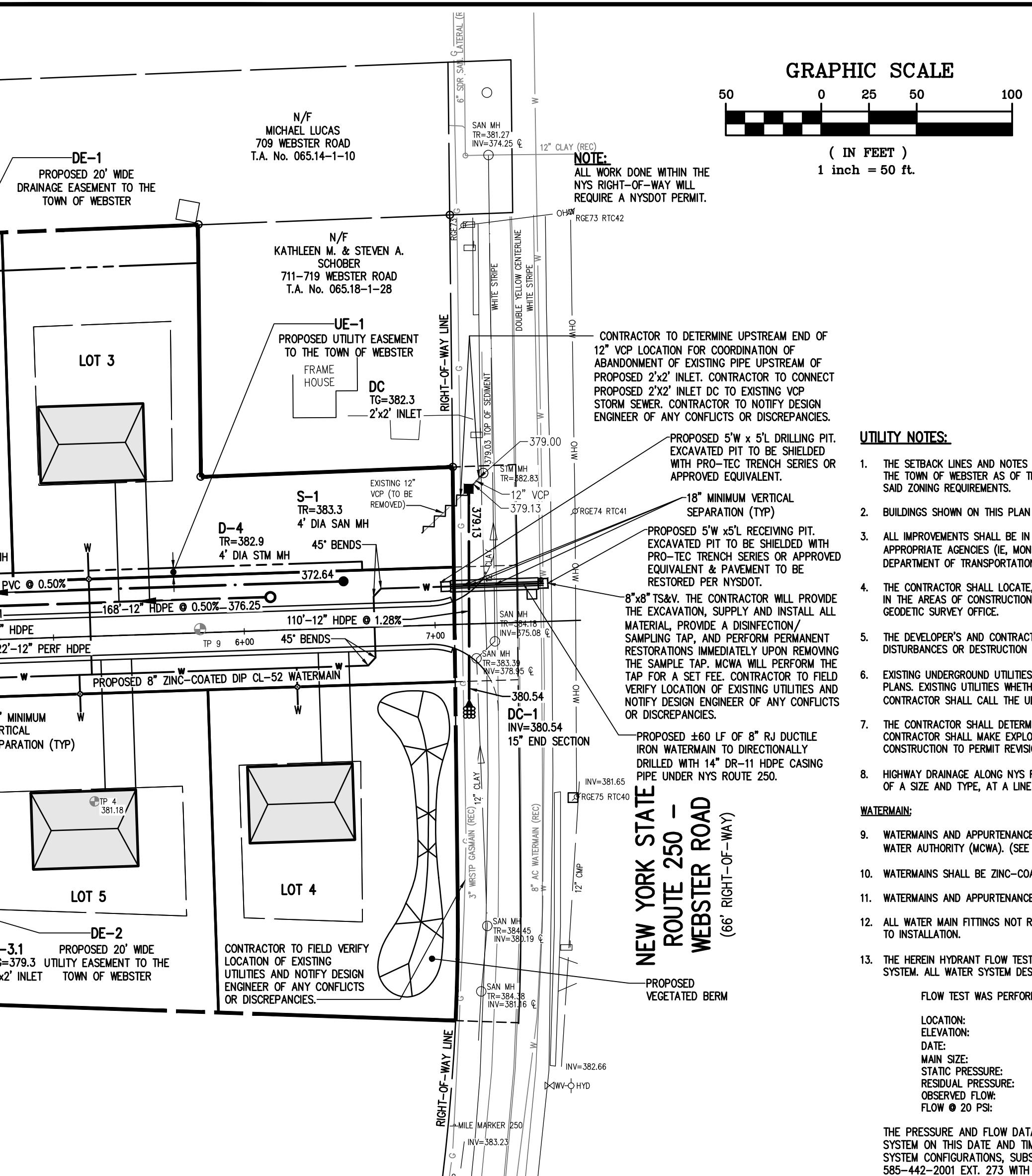

MONROE COUNTY DEPARTMENT OF HEALTH STANDARD SANITARY SEWER EXTENSION NOTES:

- MAXIMUM ALLOWABLE INFILTRATION OR EXFILTRATION SHALL NOT EXCEED 100 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER DAY FOR THE SANITARY SEWER. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM DESIGNATION C28-86 ENTITLED "PRACTICE FOR LOW-PRESSURE AIR TEST OF VITRIFIED CLAY PIPE LINES". SANITARY MANHOLES SHALL BE VISUALLY INSPECTED AND TESTED FOR LEAKAGE BY EXFILTRATION OR VACUUM. VACUUM TESTING OF MANHOLES SHALL COMPLY WITH THE METHOD OUTLINED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION - TECHNICAL INFORMATION PAMPHLET (TIP) NO. 15 (LATEST REVISION).
- FLOOR DRAINS, IF CONSTRUCTED IN THE PROJECT, MUST BE CONNECTED TO THE SANITARY SEWER. NOTE: FLOOR DRAINS DO NOT INCLUDE FOUNDATION OR FLOOR DRAINS INSTALLED TO INTERCEPT UNCONTAMINATED GROUND WATER. ALL DISCHARGES FROM THE FLOOR DRAINS TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.
- DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANHOLE, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
- MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPE PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAIN PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.

LEGEND

- BOUNDARY LINE
- PROPOSED LOT LINE
- CENTERLINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- PROPERTY MARKER FOUND
- 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
- EXISTING SANITARY SEWER AND MANHOLE
- PROPOSED SANITARY SEWER AND MANHOLE
- EXISTING TEST PIT

R-DETAILS.DME\2016.DME\DETAILS.DME 28.DWG


LOCATION MAP
NOT TO SCALE

- THE SETBACK LINES AND NOTES RELATING TO SETBACK SHOWN HEREON ARE INTENDED TO SHOW APPLICABLE ZONING REQUIREMENTS OF THE TOWN OF WEBSTER AS OF THE DATE OF THIS MAP AND ARE NOT INTENDED TO IMPOSE ANY ADDITIONAL RESTRICTIONS OTHER THAN ZONING REQUIREMENTS.
- BUILDINGS SHOWN ON THIS PLAN ARE GRAPHICAL REPRESENTATIONS ONLY.
- 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, MONROE COUNTY DEPARTMENT OF HEALTH, AND NEW YORK STATE DEPARTMENT OF TRANSPORTATION) UNLESS OTHERWISE NOTED.
- 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.
- 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.
- EXISTING UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM FIELD LOCATIONS AND/OR AVAILABLE UTILITY COMPANY RECORD PLANS. EXISTING UTILITIES WHICH FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL CALL THE UDIC-NY UPGO HOTLINE AT 1(800)622-7962 OR 811 FOR STAKE-OUT OF EXISTING UTILITIES.
- THE CONTRACTOR SHALL DETERMINE EXACT LOCATION AND ELEVATION OF UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION. CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE EXISTING UNDERGROUND FACILITIES SUITABLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS.
- HIGHWAY DRAINAGE ALONG NYS ROUTE 250 IS TO BE MAINTAINED. OWNER TO FURNISH AND PLACE DRIVEWAY CULVERT PIPE (IF REQUIRED) OF A SIZE AND TYPE, AT A LINE AND GRADE TO BE DETERMINED BY THE NYS DOT.

WATERMAIN

- WATERMAINS AND APPURTENANCES TO BE CONSTRUCTED TO THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE MONROE COUNTY WATER AUTHORITY (MCWA). (SEE MCWA PUBLIC WATER SYSTEM NOTES).
- WATERMAINS SHALL BE ZINC-COATED DUCTILE IRON CEMENT LINED CLASS 52 (DIP) OR AS NOTED ON THE PLANS.
- WATERMAINS AND APPURTENANCES SHALL BE INSTALLED PER THE MOST RECENT AWWA C600 FOR DIP STANDARDS.
- ALL WATER MAIN FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB DISINFECTED 30 MINUTES PRIOR TO INSTALLATION.
- THE HEREIN HYDRANT FLOW TEST RESULTS REPRESENT AN INSTANTANEOUS CONDITION WITHIN THE WATER AUTHORITY'S WATER DISTRIBUTION SYSTEM. ALL WATER SYSTEM DESIGNS SHOULD BE BASED ON WORST CASE CONDITIONS.

FLOW TEST WAS PERFORMED BY THE MONROE COUNTY WATER AUTHORITY:

LOCATION: CONIFER COVE LANE
ELEVATION: 378
DATE: 4/15/24
MAIN SIZE: 8" DIP
STATIC PRESSURE: 87 PSI
RESIDUAL PRESSURE: 68 PSI
OBSERVED FLOW: 1,281 GPM
FLOW @ 20 PSI: 2,281 GPM

THE PRESSURE AND FLOW DATA PROVIDED HEREIN REPRESENTS A HYDRANT FLOW TEST AT THIS LOCATION IN THE DISTRIBUTION SYSTEM ON THIS DATE AND TIME. THESE VALUES CAN VARY GREATLY DEPENDING ON DEMANDS, OPERATIONAL PARAMETERS, SYSTEM CONFIGURATIONS, SUBSEQUENT MODIFICATIONS, AND OTHER RELATED CRITERIA. PLEASE CONTACT TONY PIASICK, P.E. AT 585-442-2001 EXT. 273 WITH ANY QUESTIONS OR CONCERN.

SANITARY SEWER

- ALL SANITARY SEWERS ARE IN COMPLIANCE WITH THE SPECIFICATIONS AND SEWER POLICY OF THE TOWN OF WEBSTER.
- SANITARY SEWERS, HOUSE LATERALS AND APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATIONS OF THE TOWN OF WEBSTER.
- SANITARY SEWER PIPE SHALL BE 8" PVC SDR-35 OR AS NOTED ON THE PLAN.

- INFILTRATION AND EXFILTRATION SHALL BE LIMITED TO 100 GALLONS PER MILE PER INCH DIAMETER OF PIPE PER 24 HOURS FOR SANITARY SEWERS. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM-1417, ENTITLED "STANDARD PRACTICE FOR INSTALLATION ACCEPTANCE OF PLASTIC NON-PRESSURE SEWER LINES USING LOW-PRESSURE AIR." SANITARY MANHOLES SHALL BE TESTED FOR EXFILTRATION.

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.

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

STORM SEWER

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

- STORM SEWER PIPE SHALL BE HIGH-DENSITY POLYETHYLENE (HDPE) SMOOTH INTERIOR, OR AS NOTED ON THE PLAN.

- CHECK VALVES TO BE PROVIDED ON SUMP PUMPS.

- REAR DOWNSPOUTS SHALL DISCHARGE ON SPLASH BLOCKS DIRECTED TO THE REAR OF EACH LOT. FRONT ROOF DRAINS & FOUNDATION DRAINS (MA SUMP PUMPS) SHALL DISCHARGE TO STORM SEWERS.

- ROOF RUNOFF LEADERS AND CELLAR INFILTRATION LINES SHALL NOT BE DISCHARGED TO THE HIGHWAY DRAINAGE DITCH.

APPROVALS

- Water mains and all water service lines shall have a minimum of five feet of cover from finished grade in lawn areas and a minimum of six feet of cover from finished grade in paved areas.

- Minimum vertical separation between water main and sewer mains shall be 18" measured from the outside of the pipes at the point of crossing. Minimum horizontal separation between water mains and sewer mains shall be ten feet measured from the outside of the pipes. One full length of water main shall be centered under or over the sewer so that both joints will be as far from the sewer as possible. Where a water main crosses under a sewer, adequate structural support (compacted selected fill) shall be provided for the sewers to prevent excessive deflection of joints and settling on and breaking the water main.
- Fire hydrant weep holes (drains) shall be plugged when ground water is encountered within seven feet of the finished grade.
- All mechanical joint fittings (tees, bends, plugs, etc.) shall be backed with 2500 psi concrete thrust blocks of appropriate size to provide thrust restraint.

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.

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 8-A, Section 7209 and applies to this drawing:
It is a violation of this law for any person to alter, change, or otherwise alter any item in any way. If an item is altered, changed, or otherwise altered, the offering engineer or land surveyor shall offer to the item its seal and the offering engineer or land surveyor shall affix his or her name and the date of the alteration to the item and by his signature and the date of such alteration, and a specific description of the alteration.

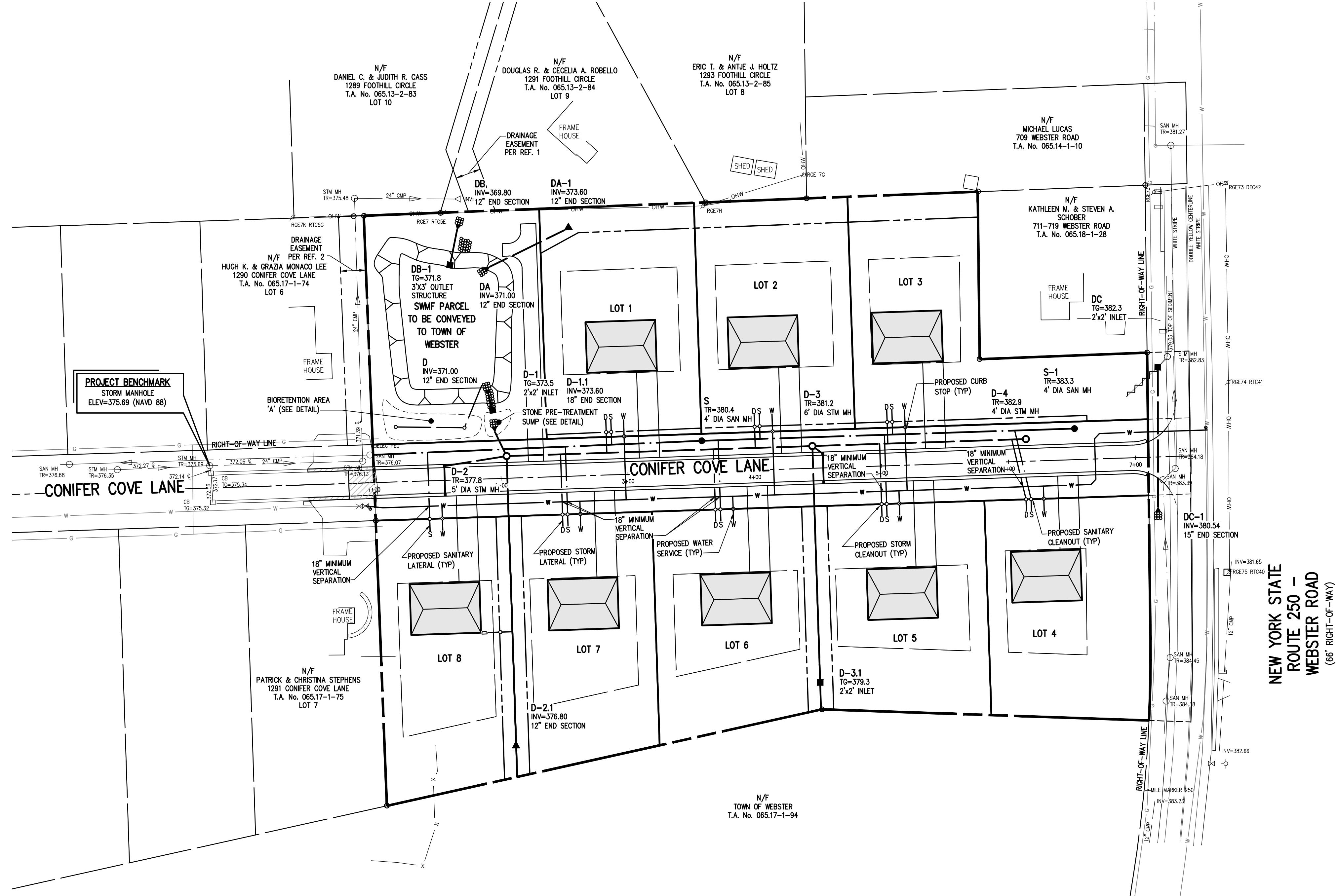
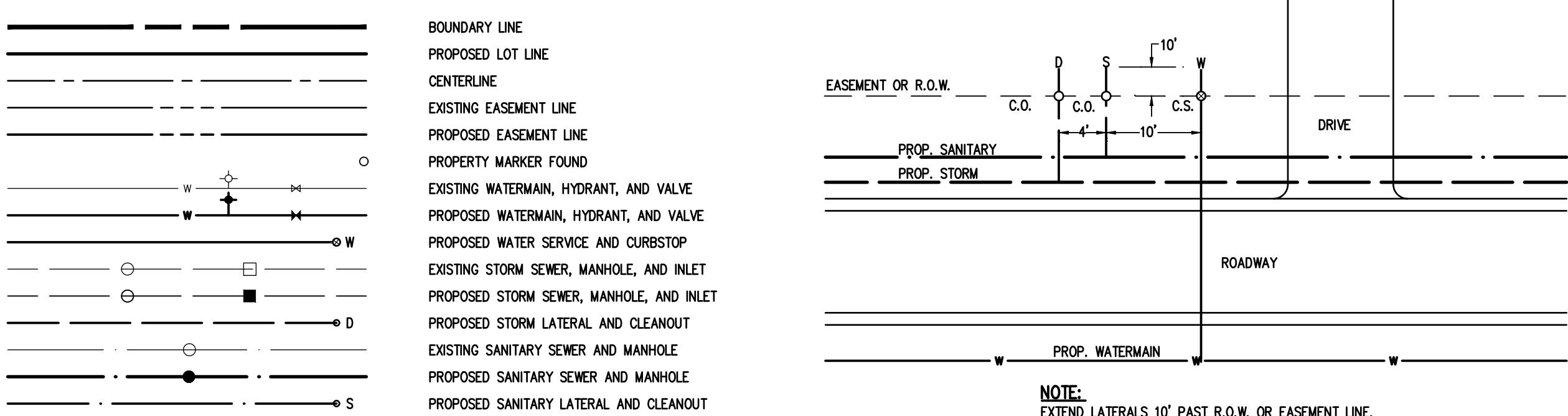
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BIRDSONG AT CONIFER COVE
TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
GROVE, UNDERHILL, LLC
56 CLAYWOOD COURT
ROCHESTER, NY 14620
Preliminary Final Utility Plan
Drawing Title

PROJECT	LOCATION
CLIENT	
PROJECT MANAGER	
PG VARS	
PROJECT ENGINEER	
FA SHELLY	
DRAWN BY	
D'ANGELO	
SCALE	DATE ISSUED
1' = 50'	MAY 14, 2024
PROJECT NO.	

2910
Drawing No.
03

LEGENDTYPICAL LATERAL LAYOUT

N.T.S.

THIS PLAN IS TO BE USED FOR LATERAL LOCATIONS ONLY. SEE UTILITY PLAN (BME DRAWING #2910-03) FOR UTILITY NOTES

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

BIRDSONG AT CONIFER COVE

TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
GROVE UNDERHILL LLC
56 CLAYWOOD COURT
ROCHESTER, NY 14620

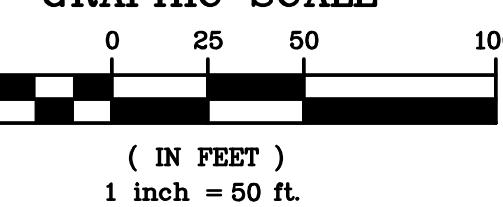
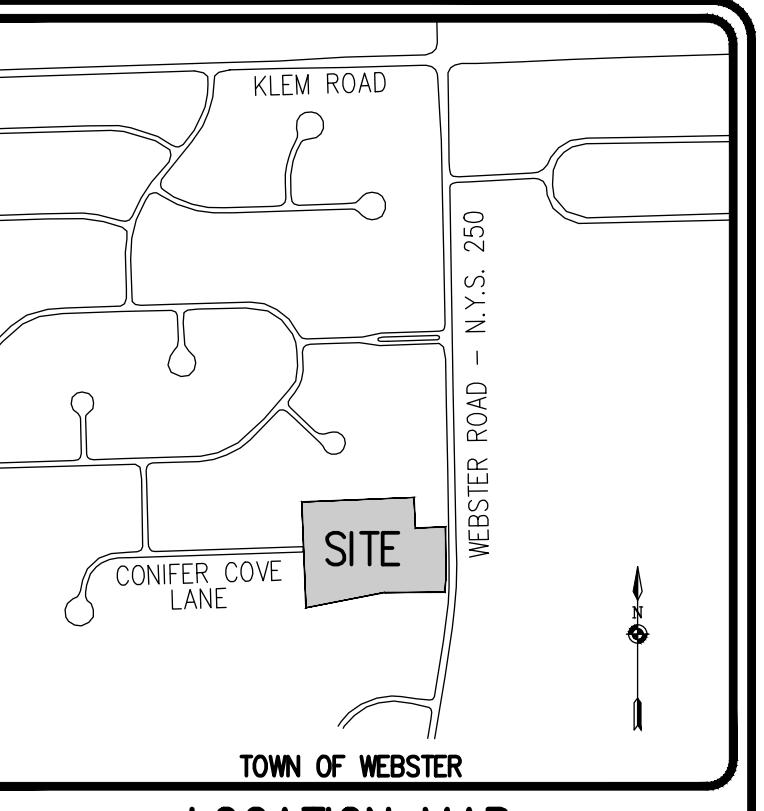
PRELIMINARY/FINAL LATERAL PLAN

2910

DRAWING NO.

06

Drawing Alteration
The following is an excerpt from the New York State Education Law Article 20 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 on the original survey is altered, the offering engineer or land surveyor shall affix to the item his seal and shall affix to the item his name by his signature and the date of such alteration, and a specific description of the alteration.

LATERAL 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
WATER METER - 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.
STORM - 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. ON EXTERIOR SERVICES REQUIRING A 1x INCH OR LARGER METER, A BY-PASS AROUND THE METER IS REQUIRED.
- NO CURB VALVE BOXES (WATER LATERAL) 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 (WA SUMP PUMPS) SHALL DISCHARGE TO STORM SEWERS.

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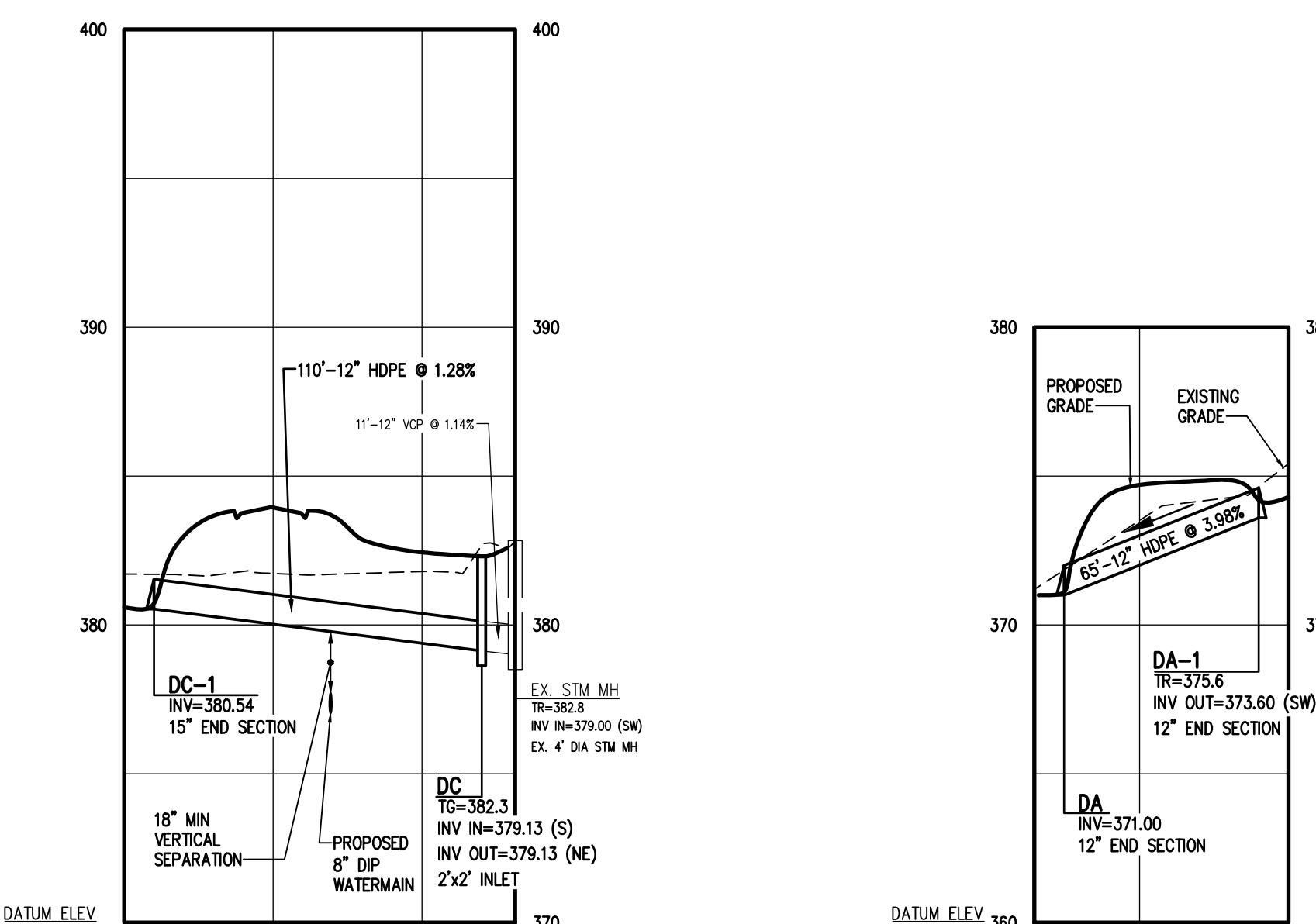
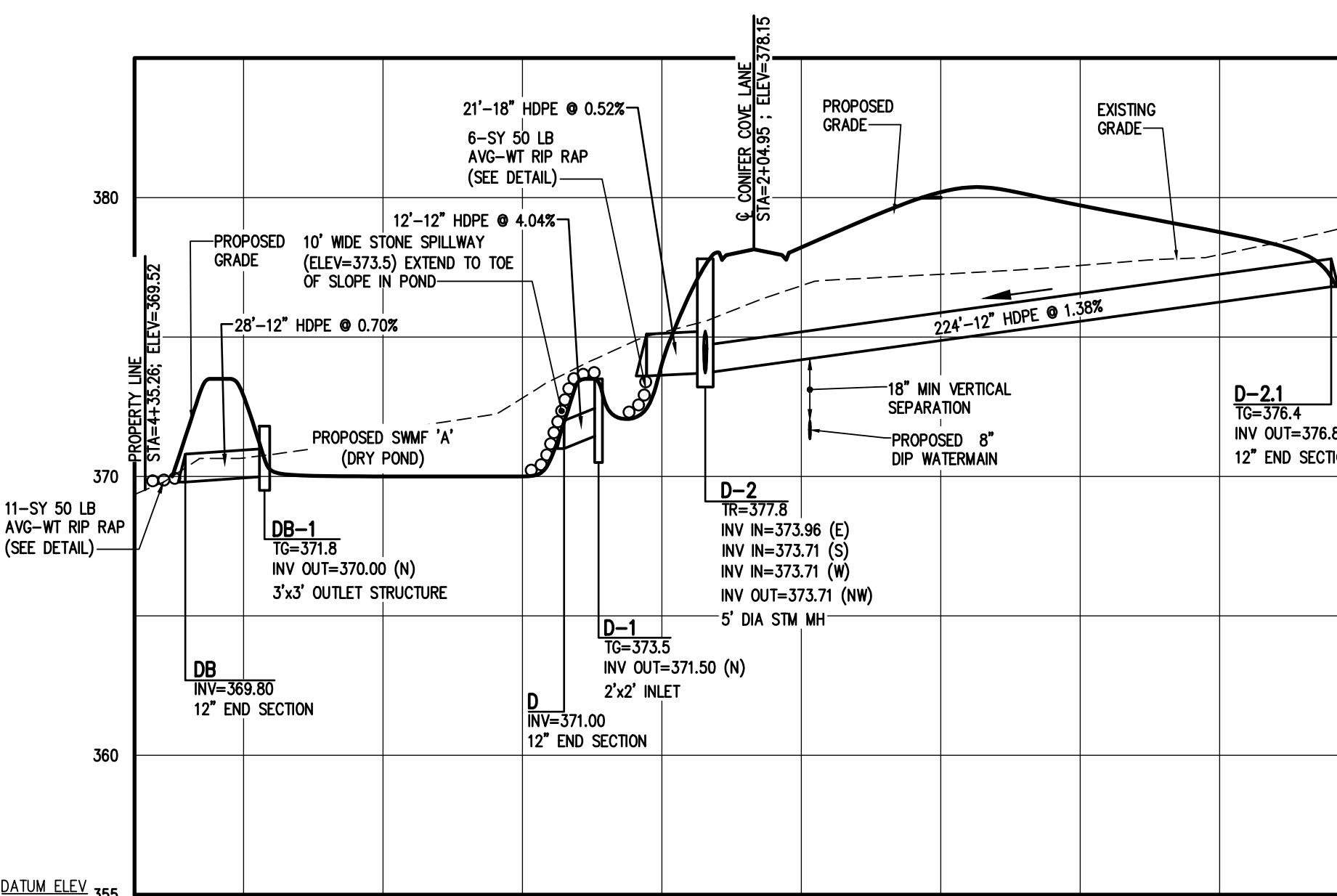
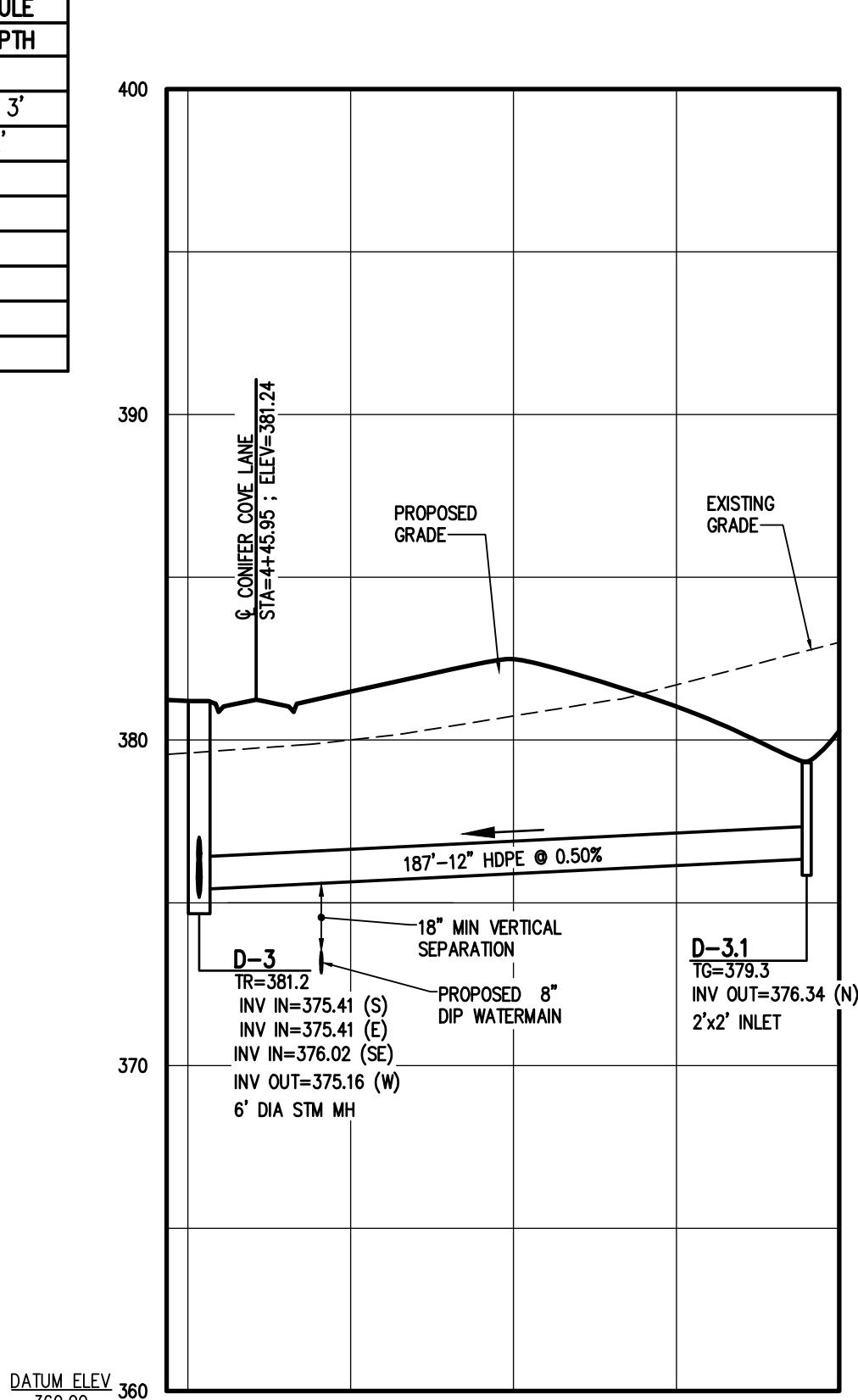
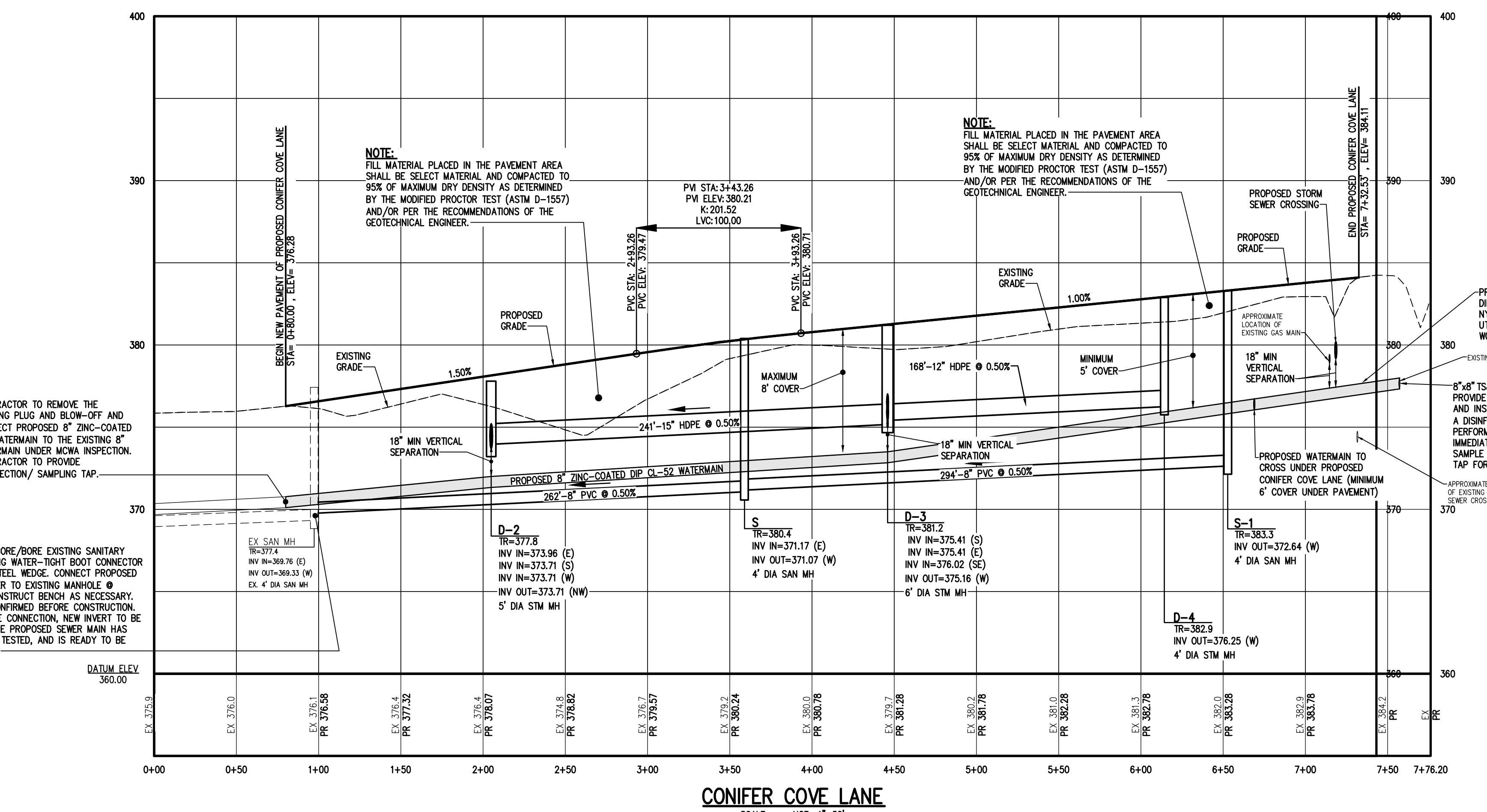
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585-377-7760

NOT APPROVED

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

APPROVALS

PROJECT	DATE:
LOCATION	
CLIENT	
PROJECT MANAGER	
PG VARS	
PROJECT ENGINEER	
FA SHELLEY	
DRAWN BY	
AN D'ANGELO	
SCALE	DATE ISSUED
1' = 50'	MAY 14, 2024
PROJECT NO.	



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FAIRPORT, NEW YORK 14450
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585-277-7560

**STATE OF NEW YORK
PROFESSIONAL ENGINEER**
REGISTRATION NO. 68010
EXPIRATION DATE: 06/30/2025

PHEIPS & GORHAM PURCHASE, TOWNSHIP 14, RANGE 4, TOWN LOT 3, TAX MAP NUMBER 065.18-1-27

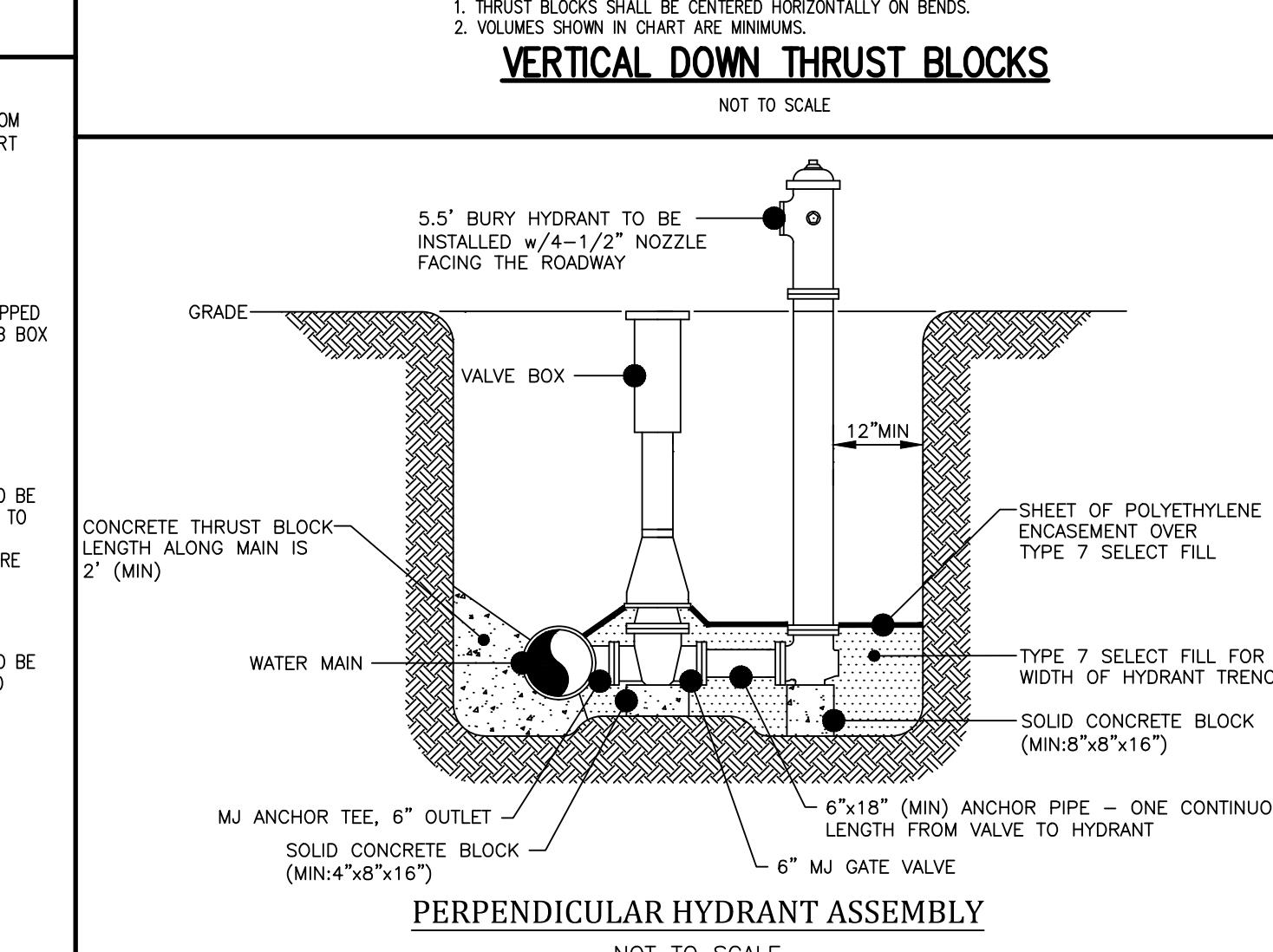
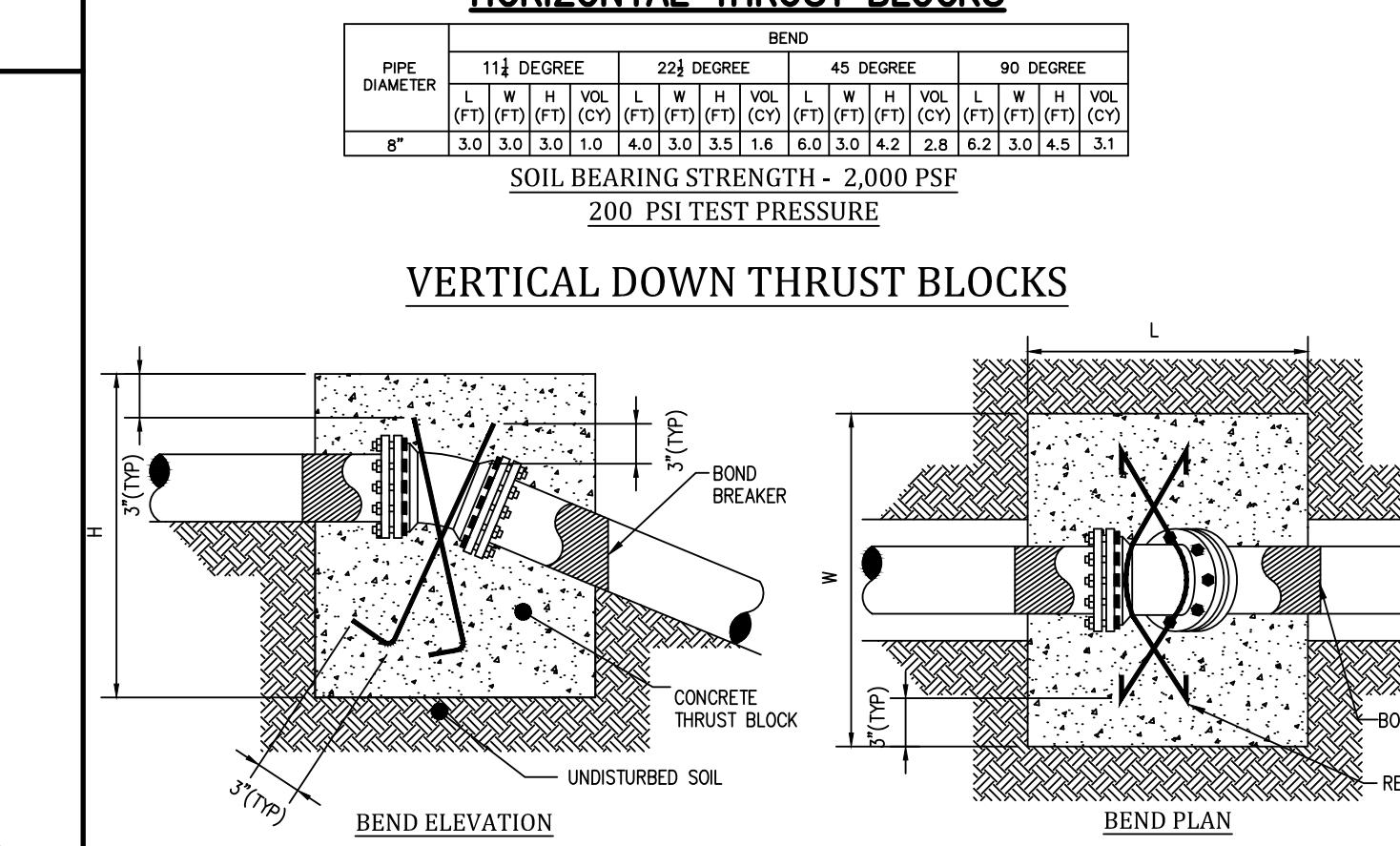
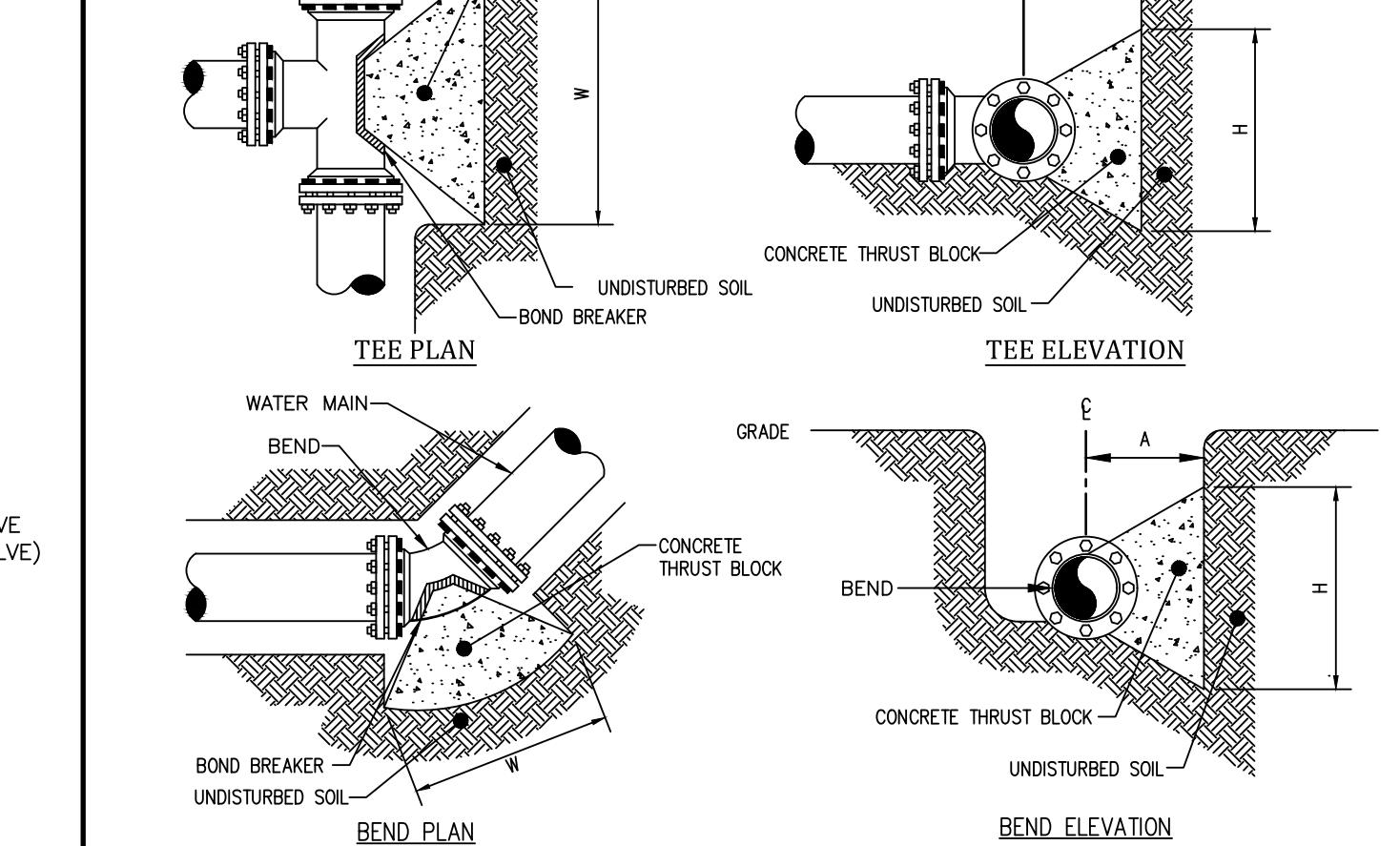
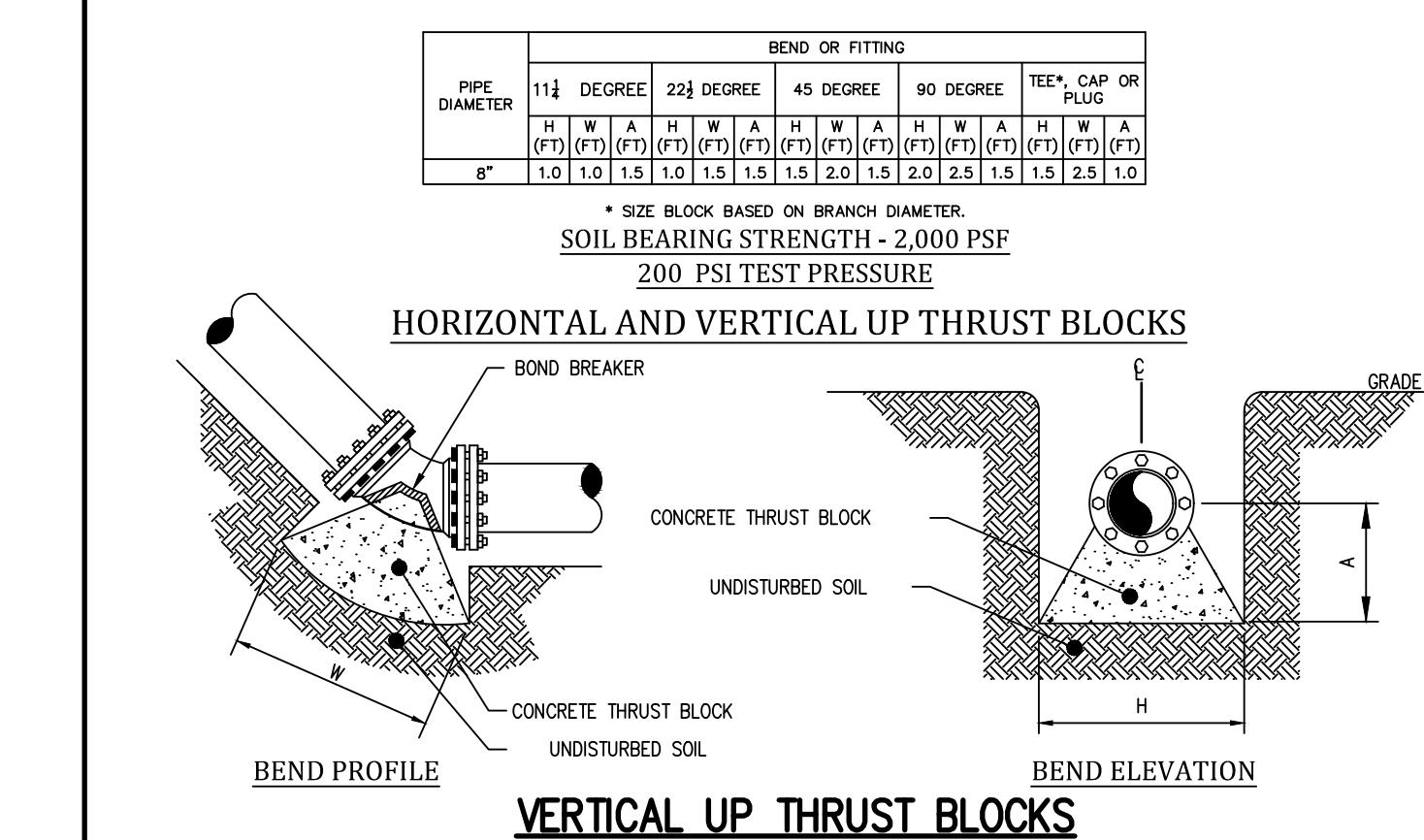
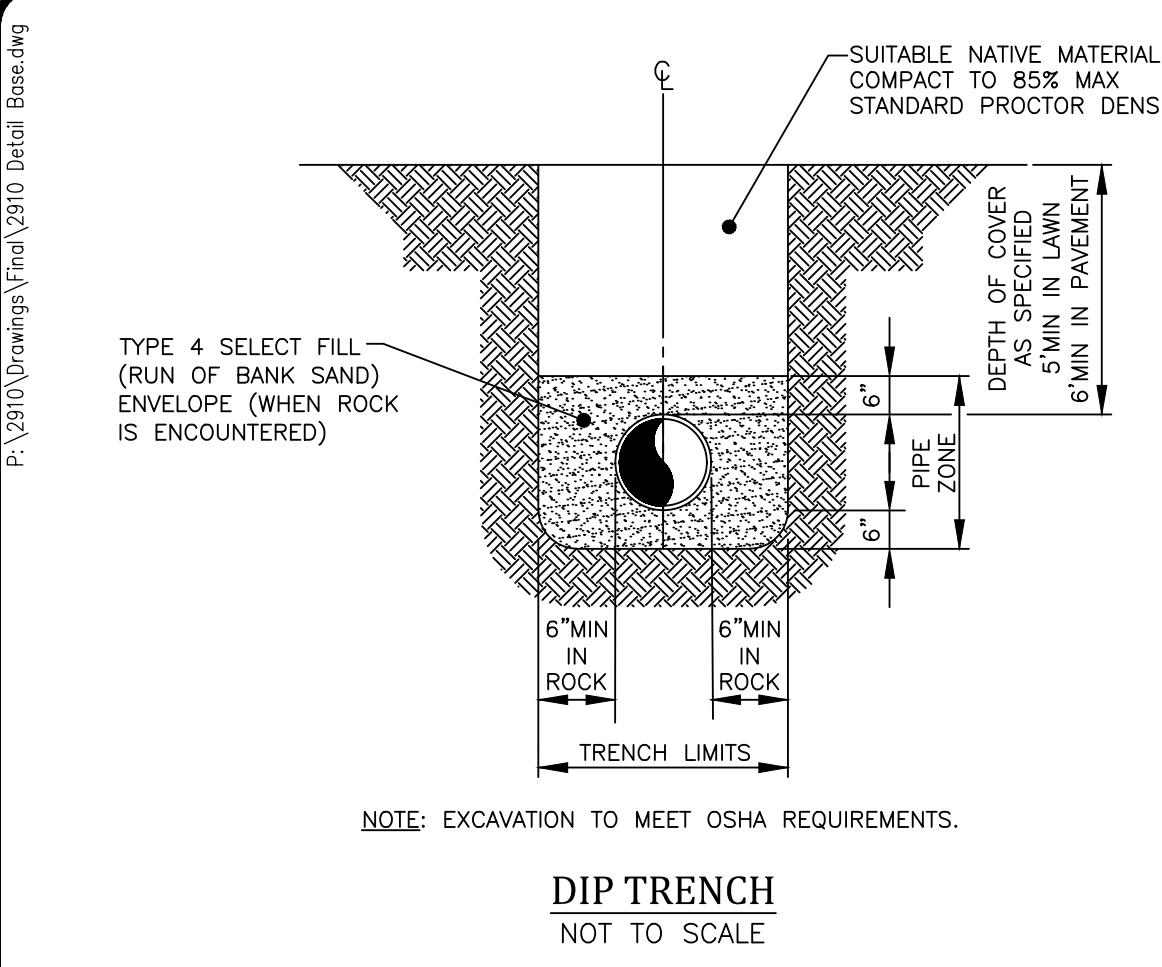
BIRDSONG AT CONIFER COVE

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PROJECT _____
LOCATION _____
CLIENT _____

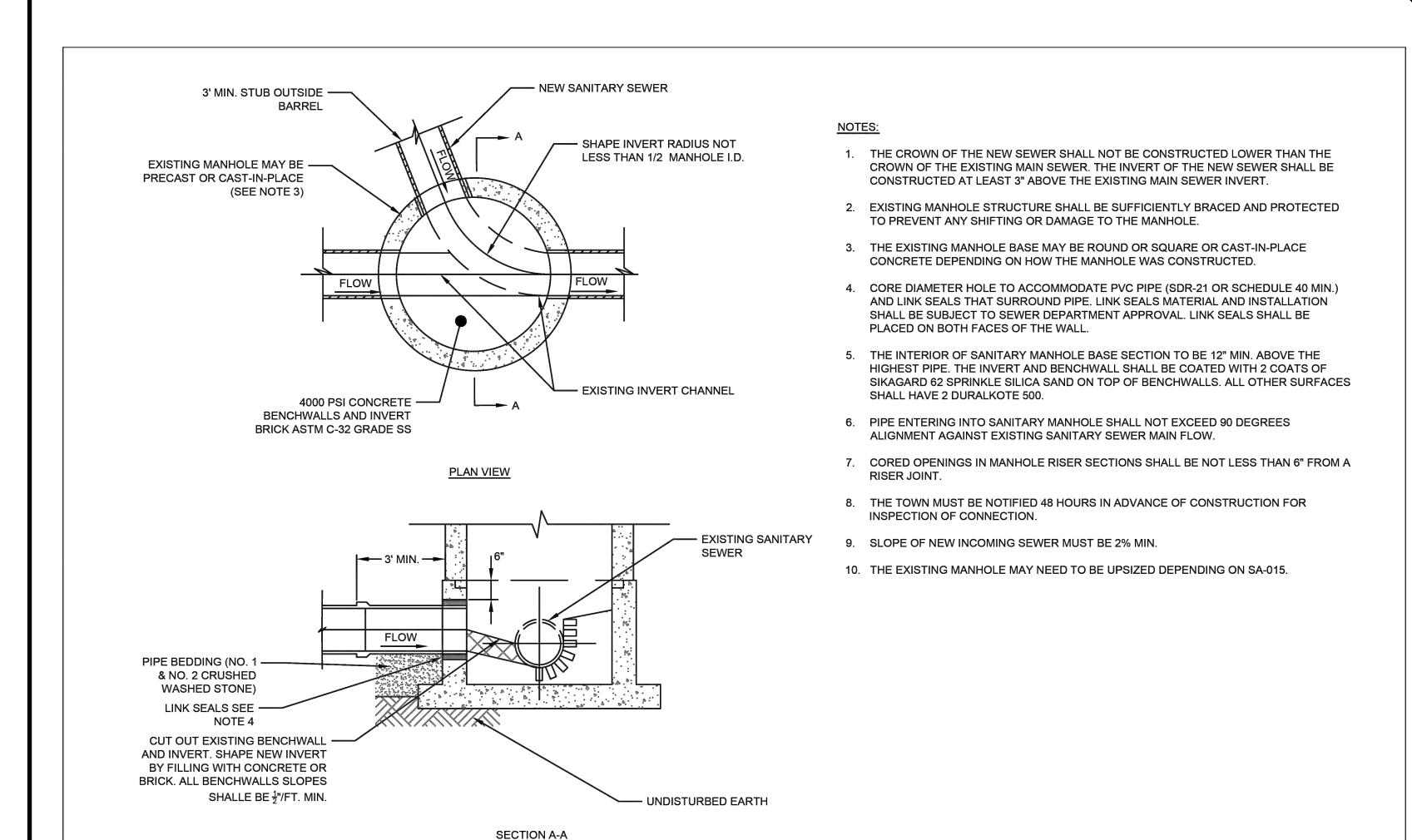
DRAWING TITLE _____
DATE ISSUED _____
AS SHOWN _____
PROJECT NO. _____

BY: COMMISSIONER OF PUBLIC WORKS _____
BY: TOWN ASSESSOR _____
BY: FIRE MARSHAL _____
BY: PLANNING BOARD CHAIRMAN _____
BY: WEBSTER SEWER DISTRICT _____
BY: MONROE COUNTY WATER AUTHORITY _____
BY: HIGHWAY SUPERINTENDENT _____

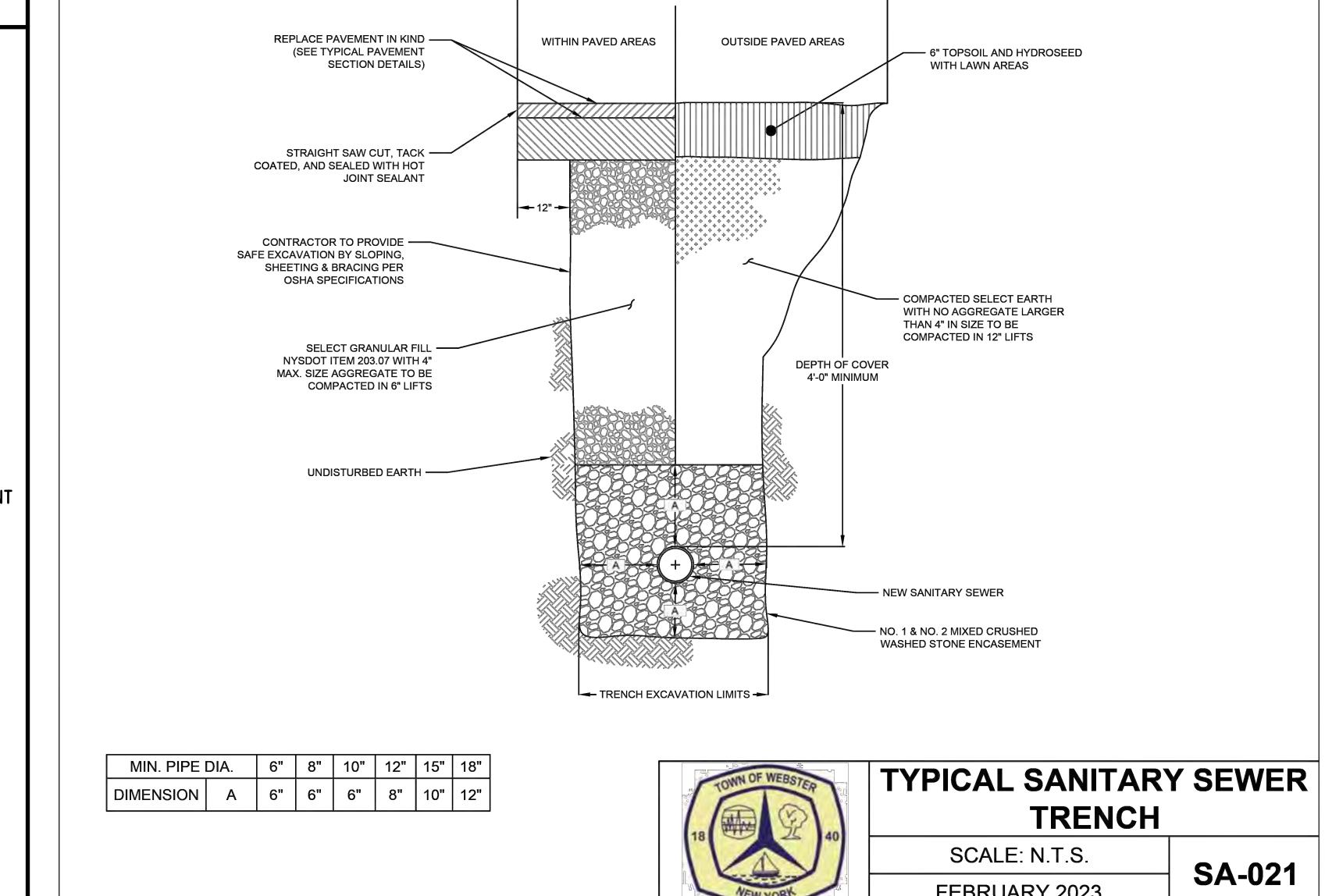


CONDITION	SCHEMATIC	REQUIREMENTS
I WATER LINE ABOVE SEWER LINE	WL MORE THAN 18"	A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING. EACH LENGTH OF PIPE TO BE 10 FT. MINIMUM. B) BACKFILL WITH COMPACTED CRUSHER RUN STONE.
II WATER LINE ABOVE SEWER LINE	WL 18" MIN.	A) WATER LINE AND SEWER 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 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	SL 18" MIN.	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 PIPE BE CLOSER THAN 18" APART. DISTANCES ARE MEASURED BETWEEN OUTSIDES OF PIPE.		

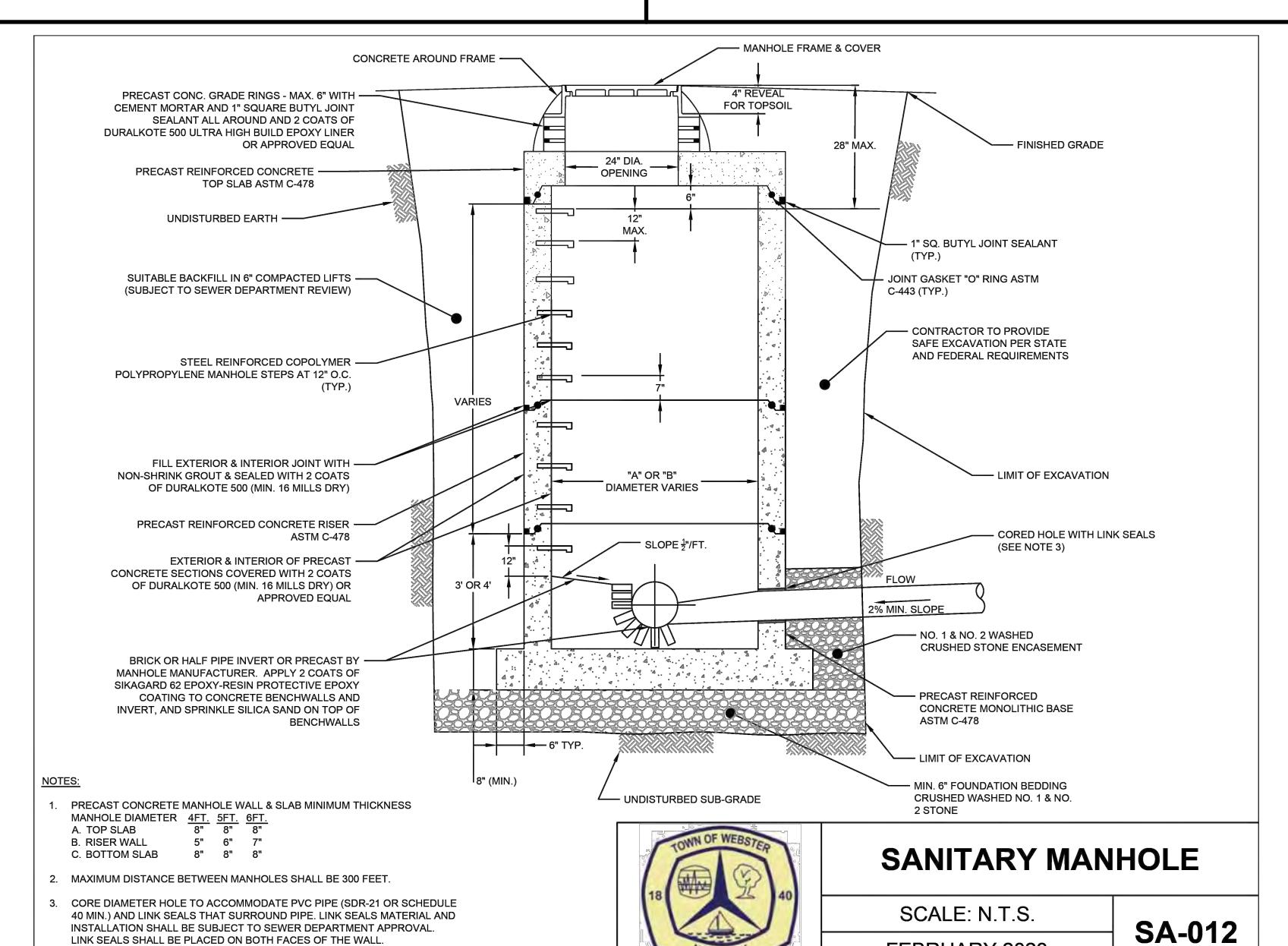
WATERMAIN/SEWER CROSSING DETAIL
N.T.S.



SANITARY SEWER CONNECTION TO EXISTING MANHOLE
SCALE: N.T.S. **SA-016**
FEBRUARY 2023



TYPICAL SANITARY SEWER TRENCH
SCALE: N.T.S. **SA-021**
FEBRUARY 2023



REVISIONS	DATE BY
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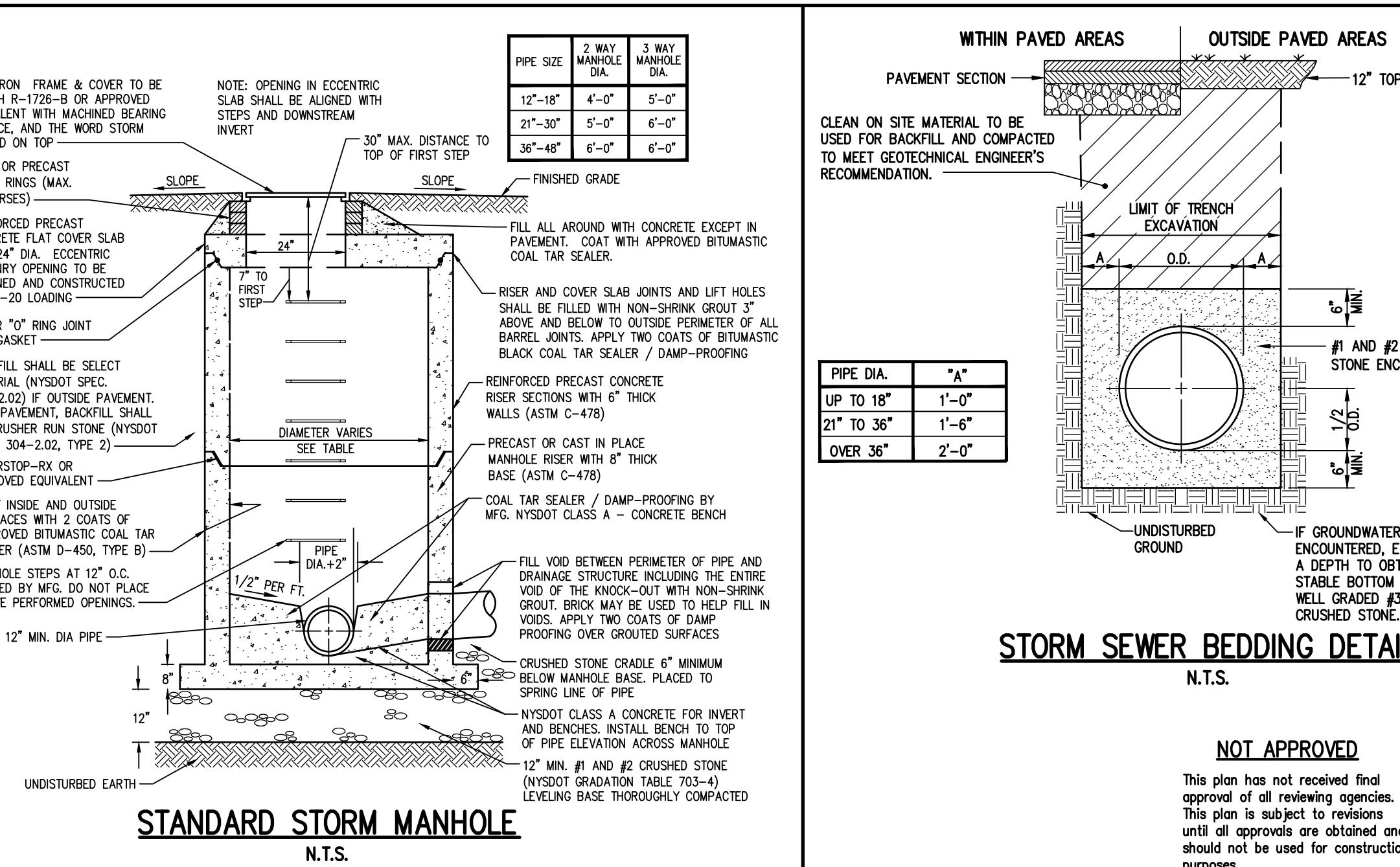
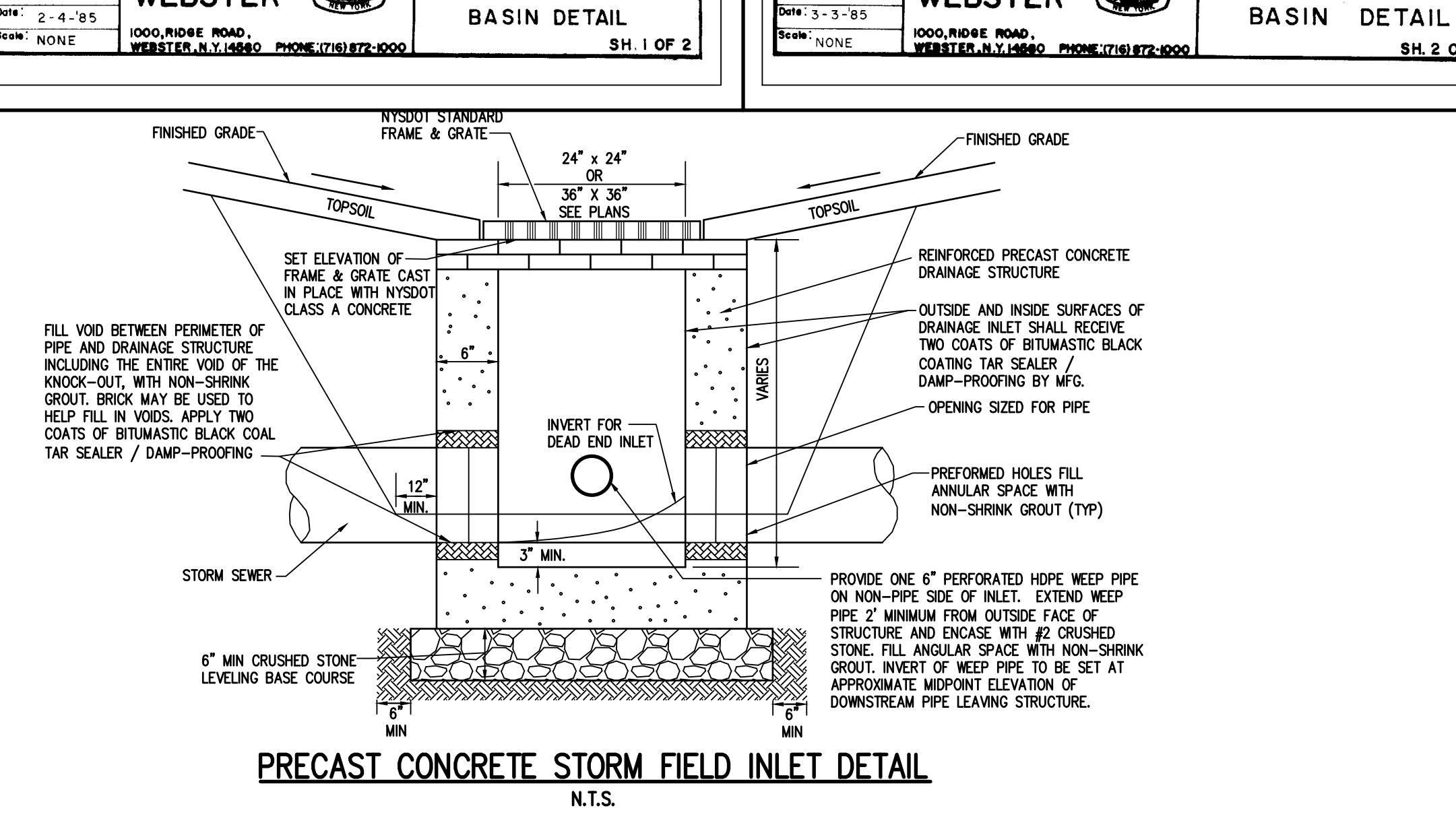
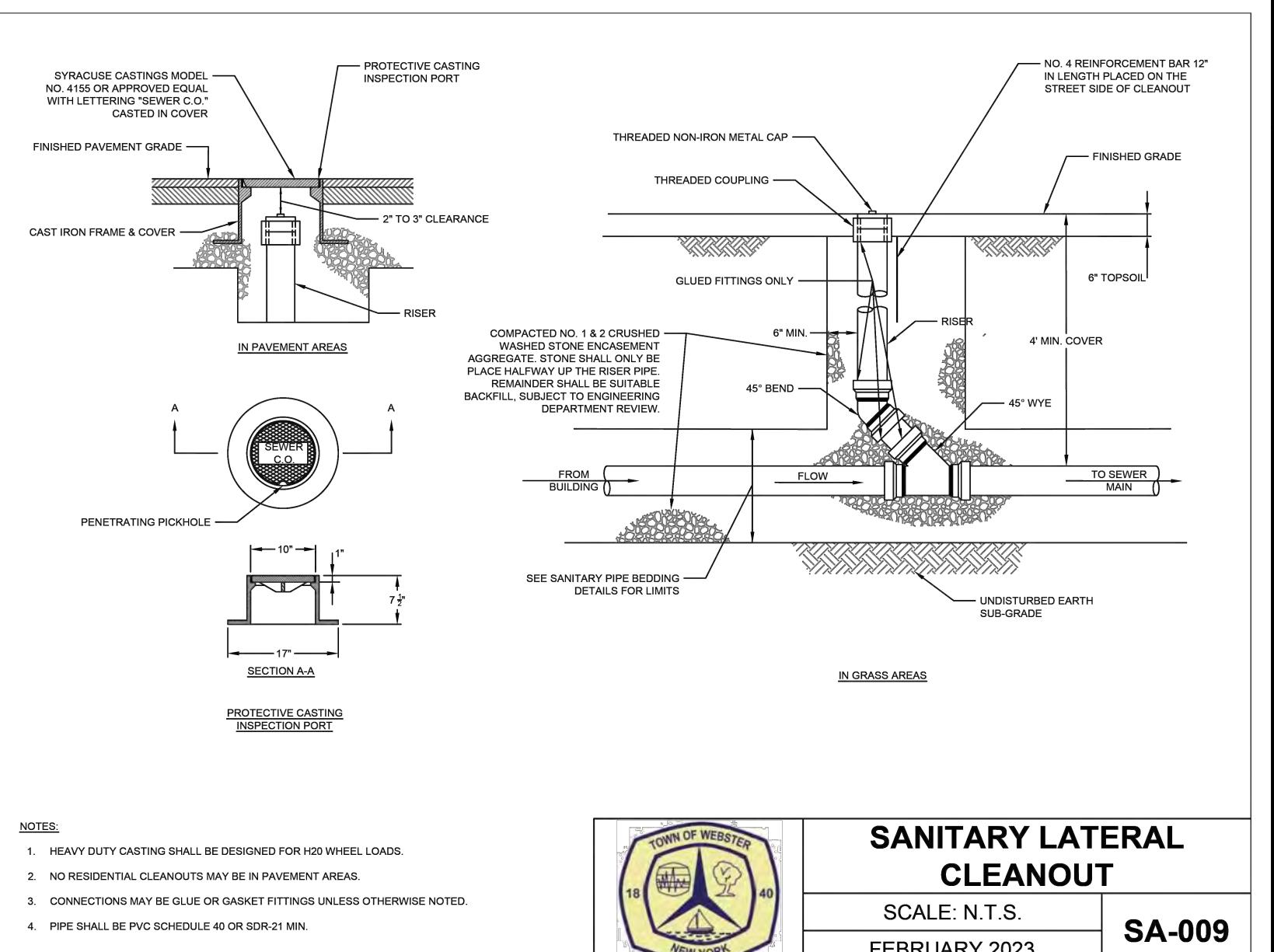
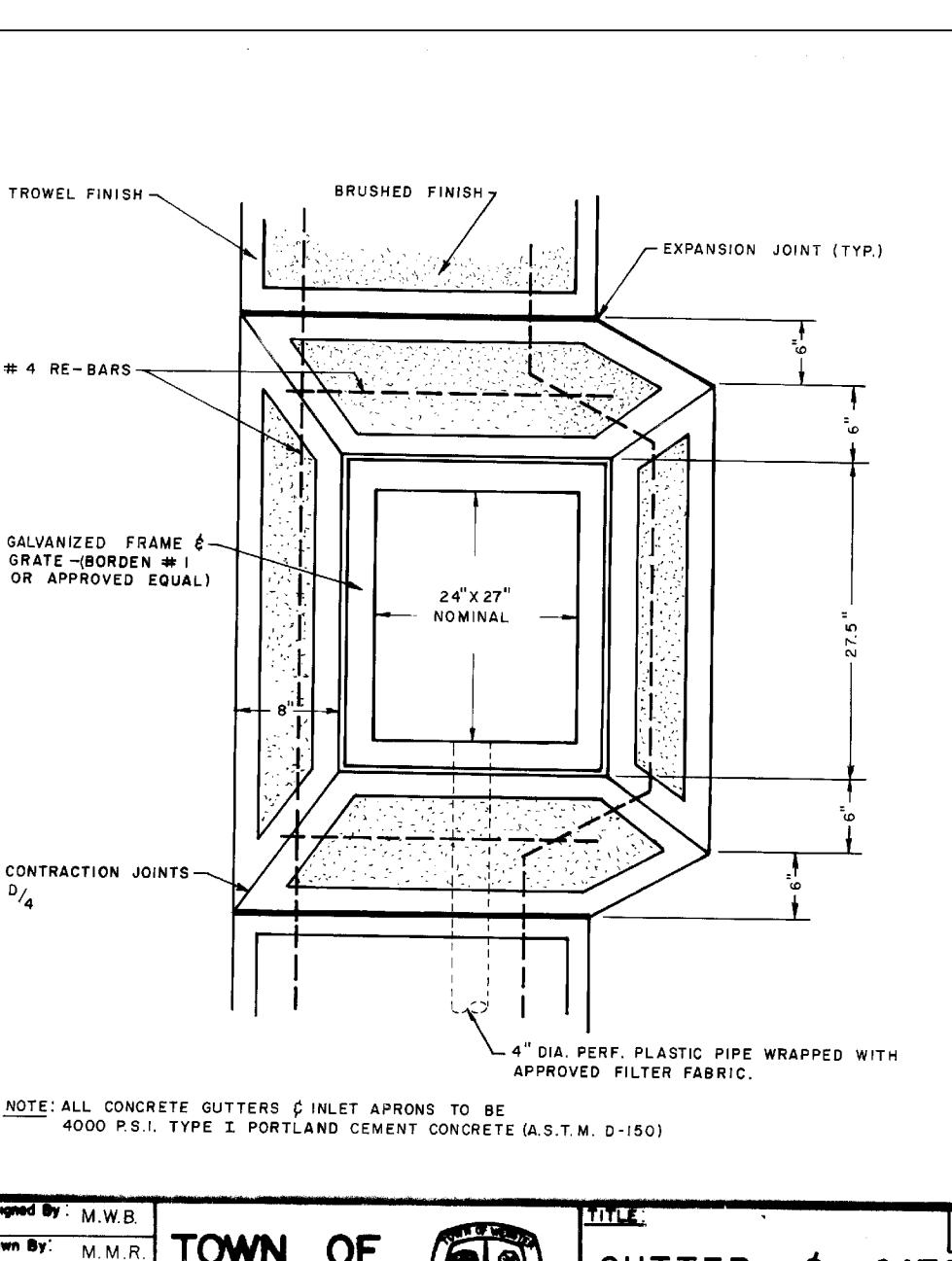
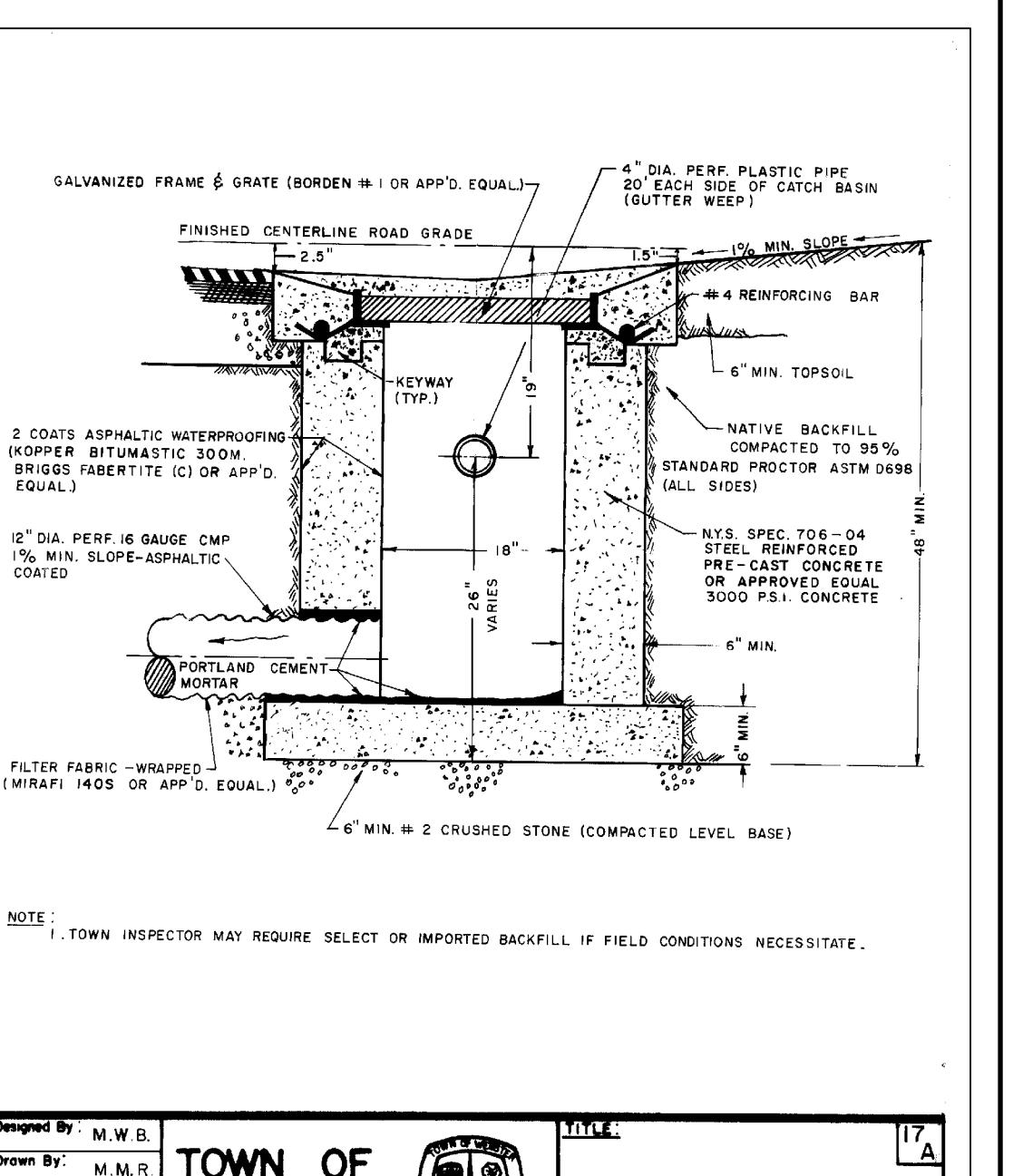
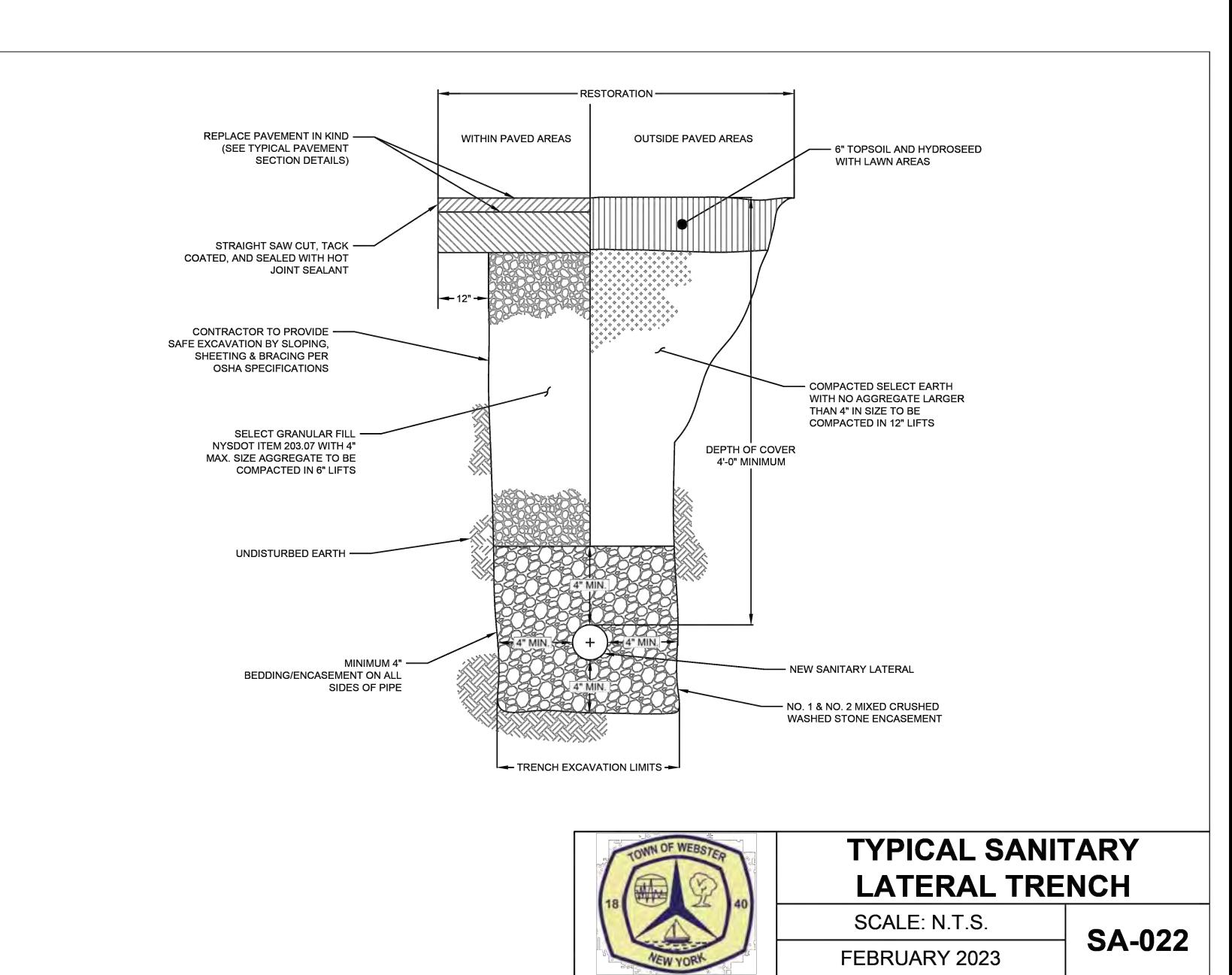
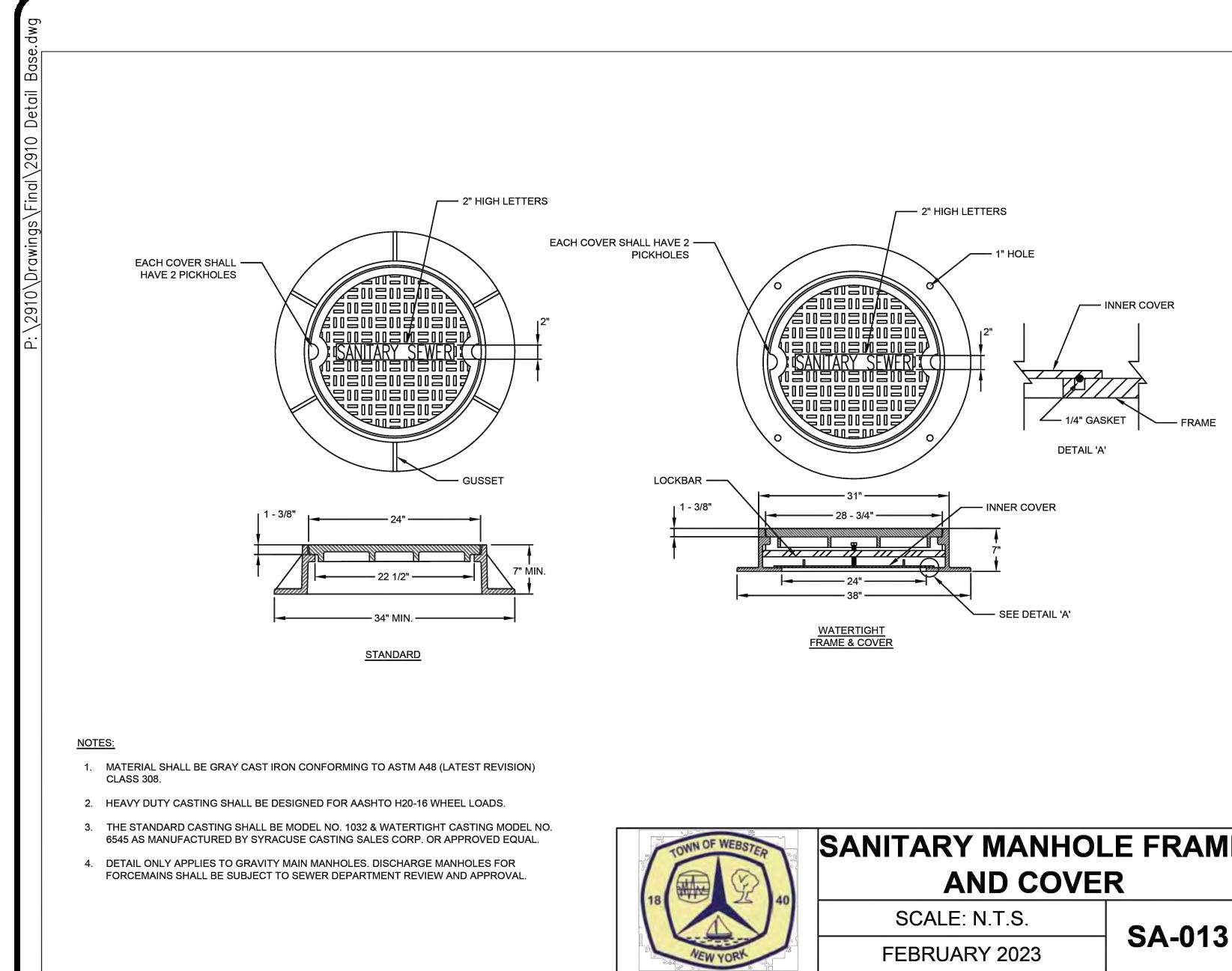
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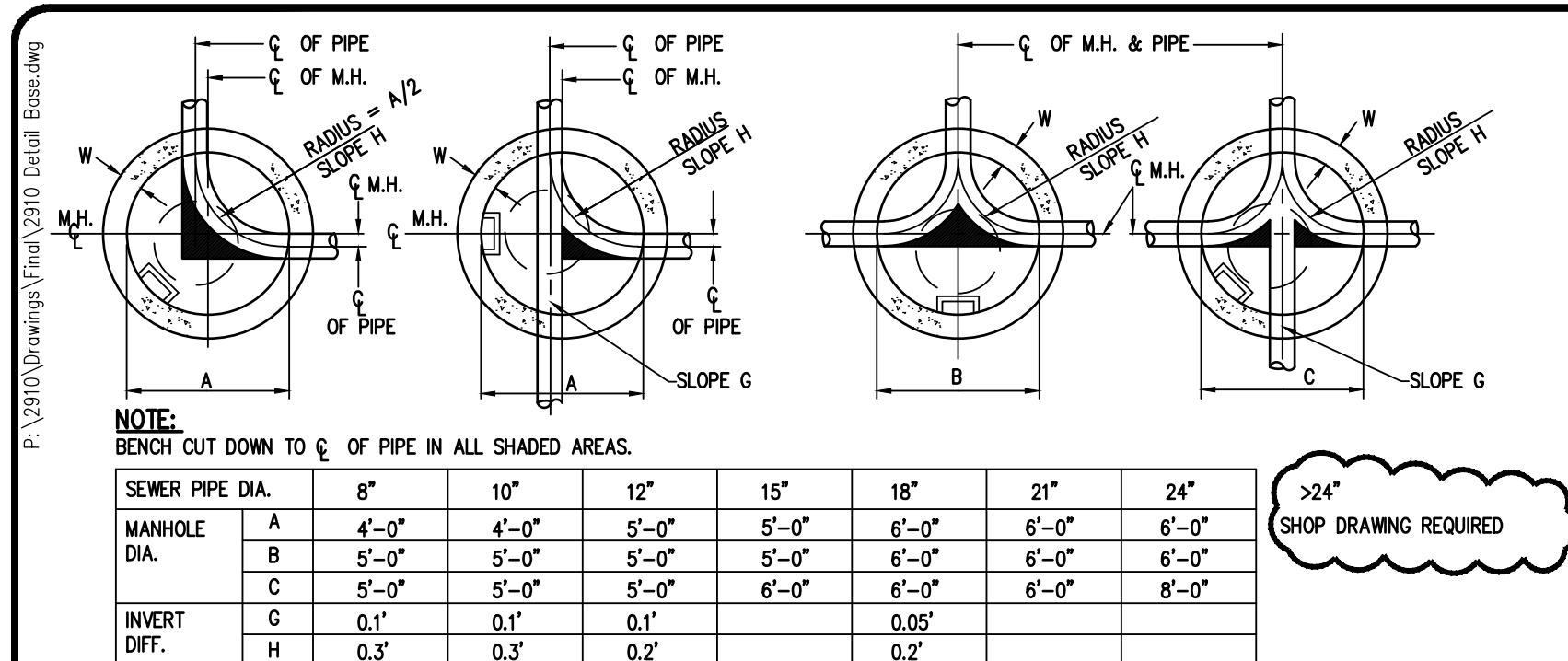


BIRDSONG AT CONIFER COVE
TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
GROVE, UNDERHILL, LLC
56 CLAYWOOD COURT
ROCHESTER, NY 14620
PRELIMINARY FINAL
DRAWING TITLE

PROJECT: BIRDSONG AT CONIFER COVE
LOCATION: TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE
CLIENT: GROVE, UNDERHILL, LLC
DRAWING NO.: 2910
DATE ISSUED: MAY 14, 2024
DRAWN BY: AN D'ANGELO
PROJECT MANAGER: PG VARS
PROJECT ENGINEER: FA SHELLEY
DRAWN BY: AN D'ANGELO
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.

10
(SHEET 2 OF 3)

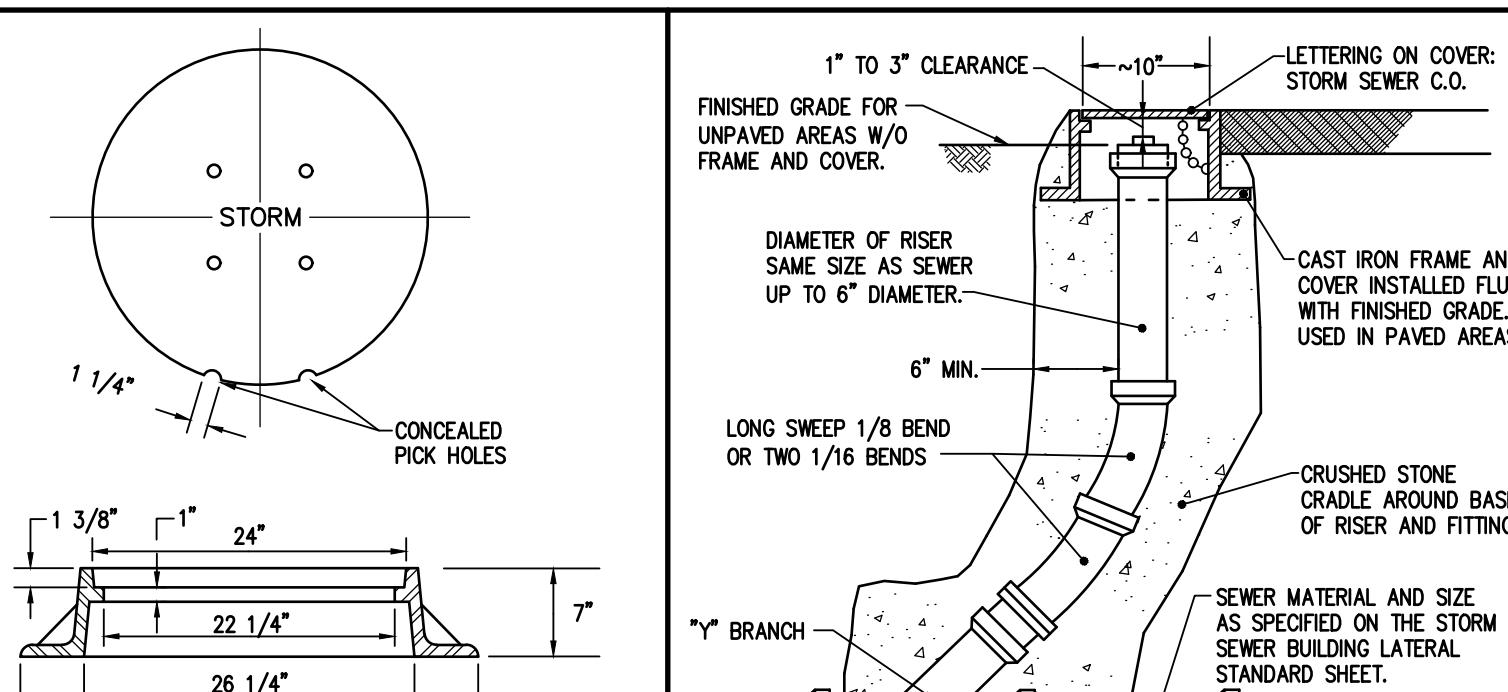




NOTE:
WHERE INLET AND OUTLET PIPES ARE OF DIFFERENT DIAMETERS THE SLOPE MUST NOT BE LESS THAN THE DIFFERENCE IN DIAMETER, 0.5' MAX.

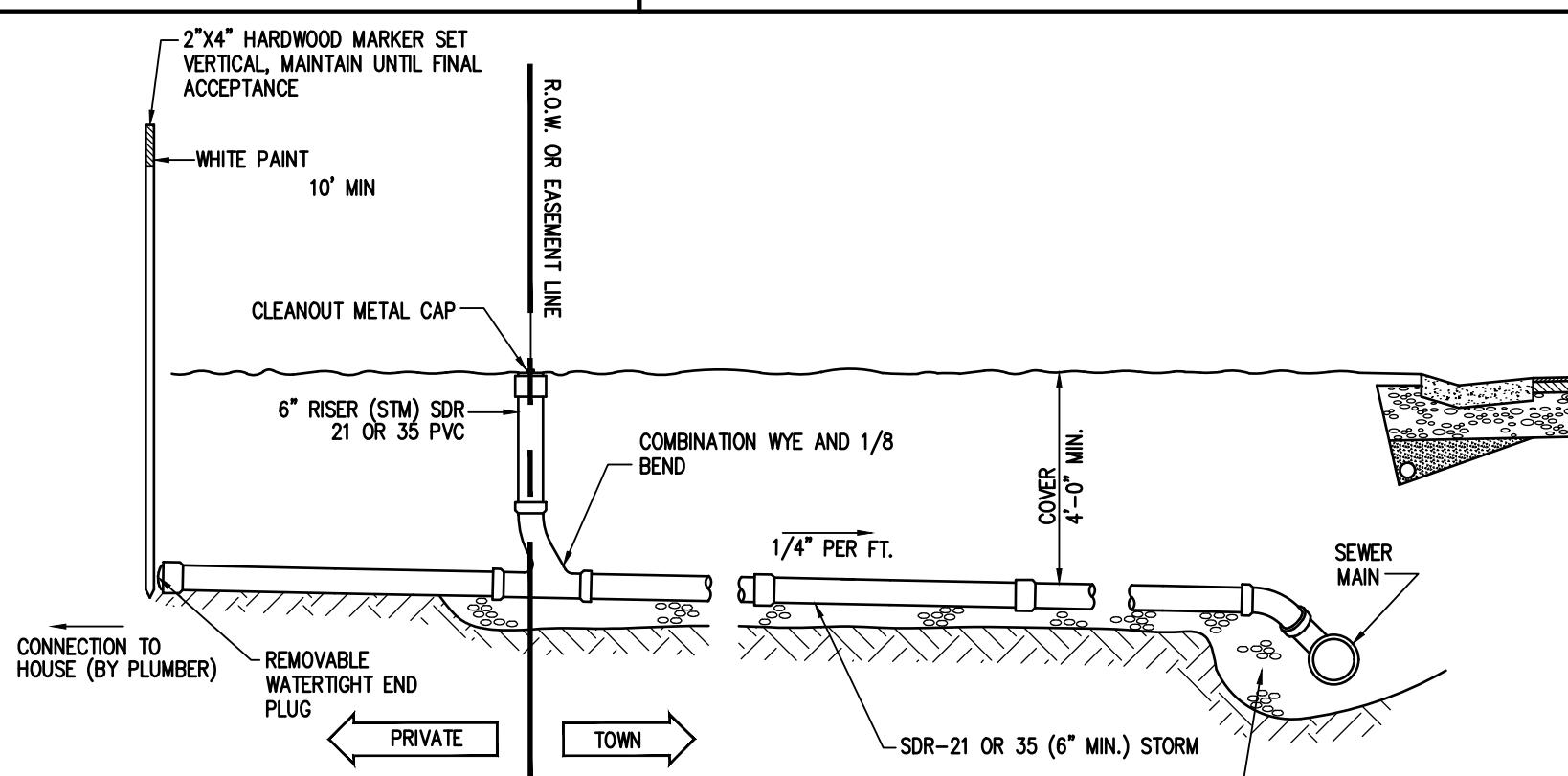
STORM SEWER MANHOLE DETAIL

N.T.S.



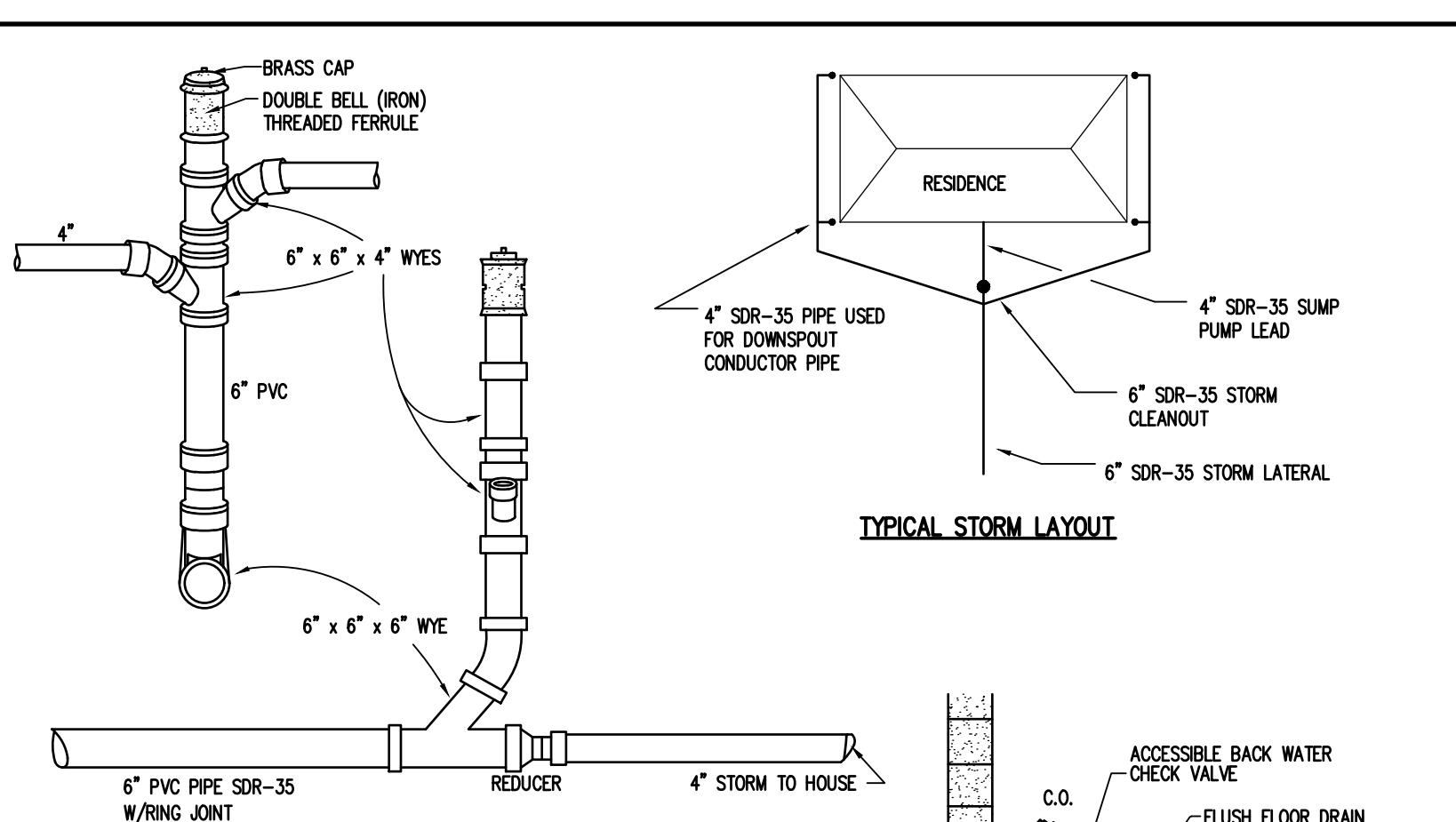
STORM SEWER STANDARD MANHOLE FRAME AND COVER

N.T.S.



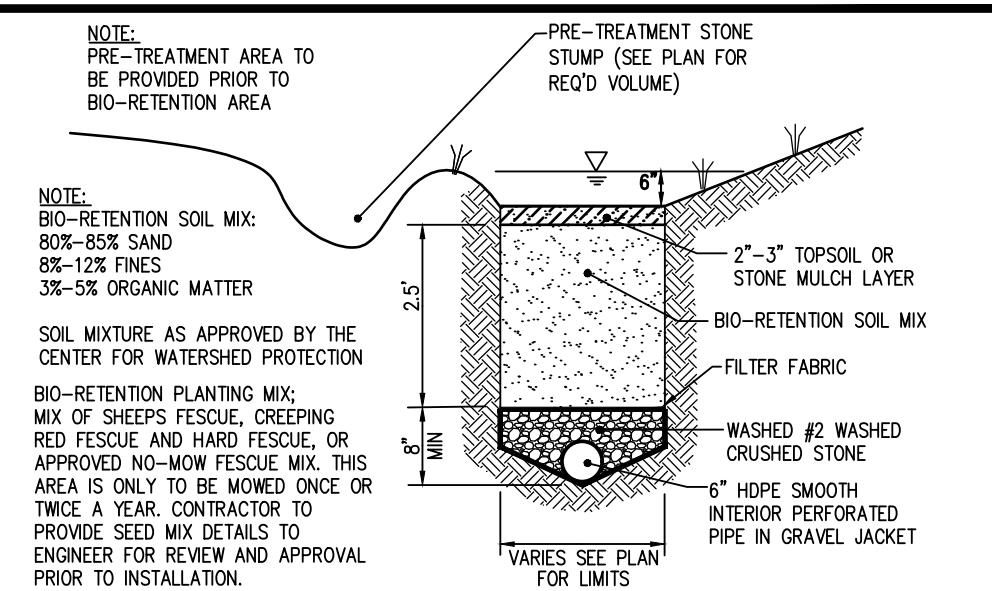
TYPICAL STORM SEWER BUILDING LATERAL

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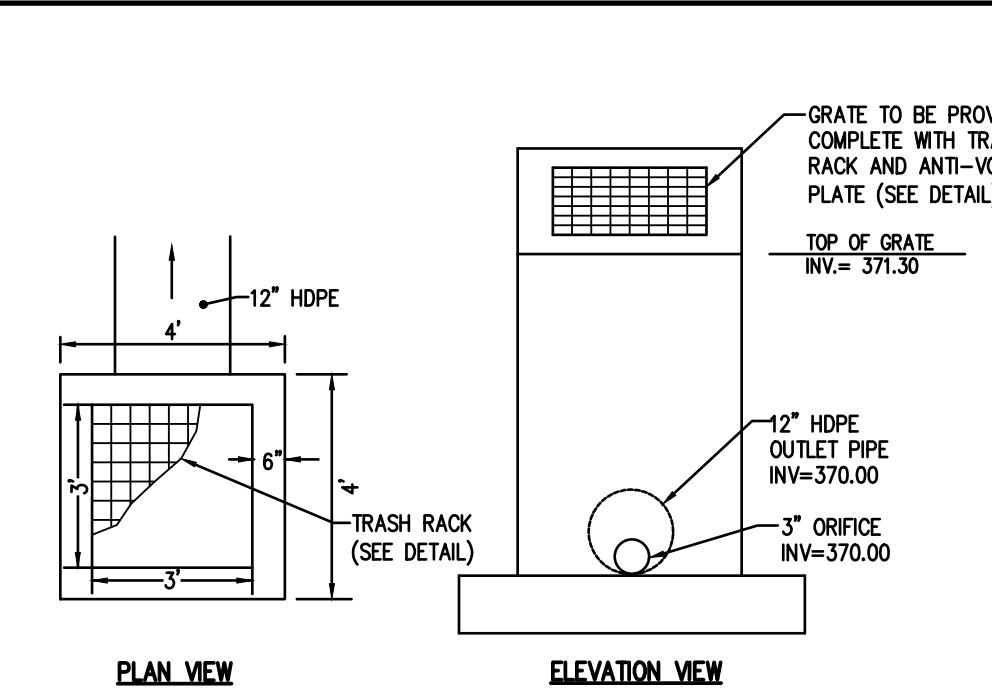
DOWNSPOUT CONDUCTOR DETAIL

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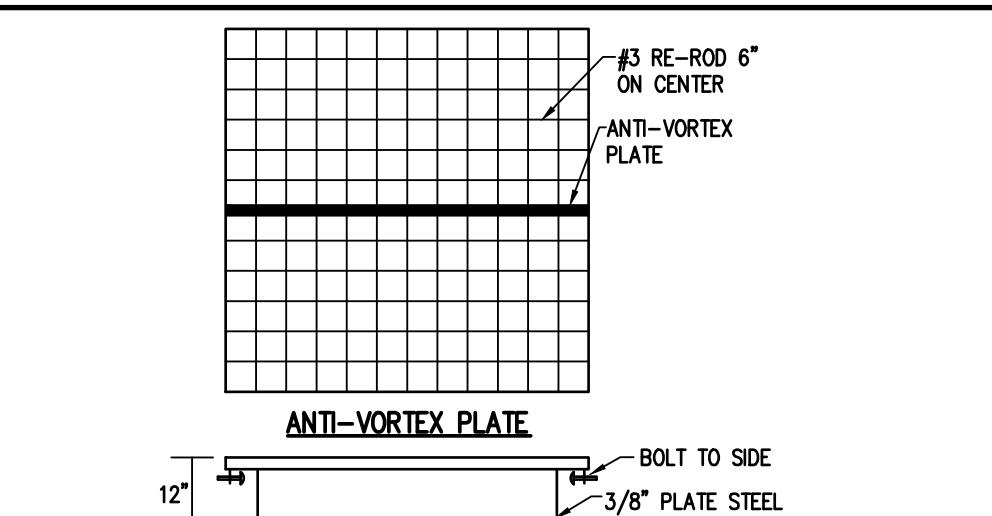
BIO-RETENTION AREA WITH PRE-TREATMENT SUMP

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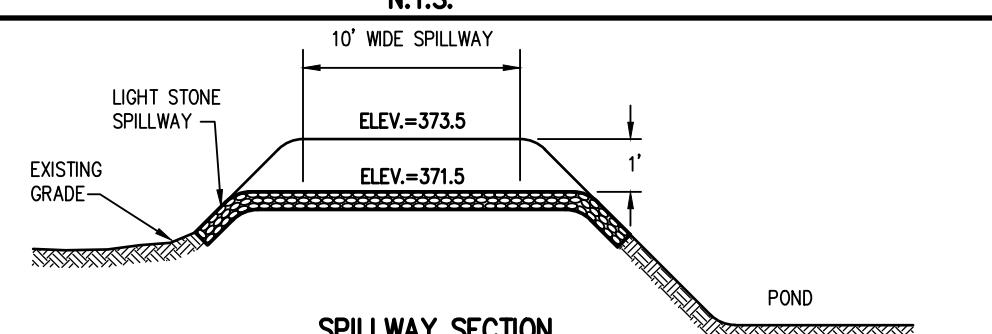
STORMWATER DRY POND OUTLET CONTROL STRUCTURE DETAIL

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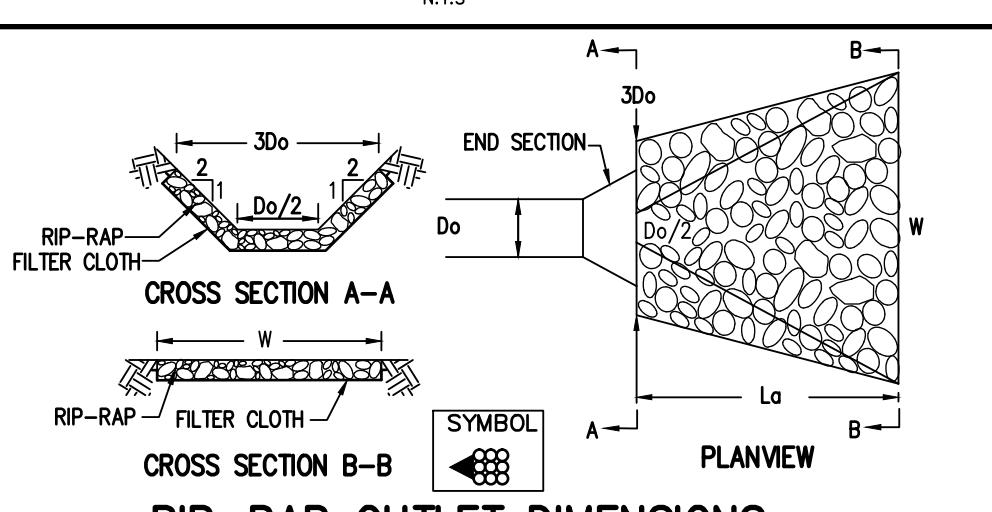
SQUARE TRASH RACK DETAIL

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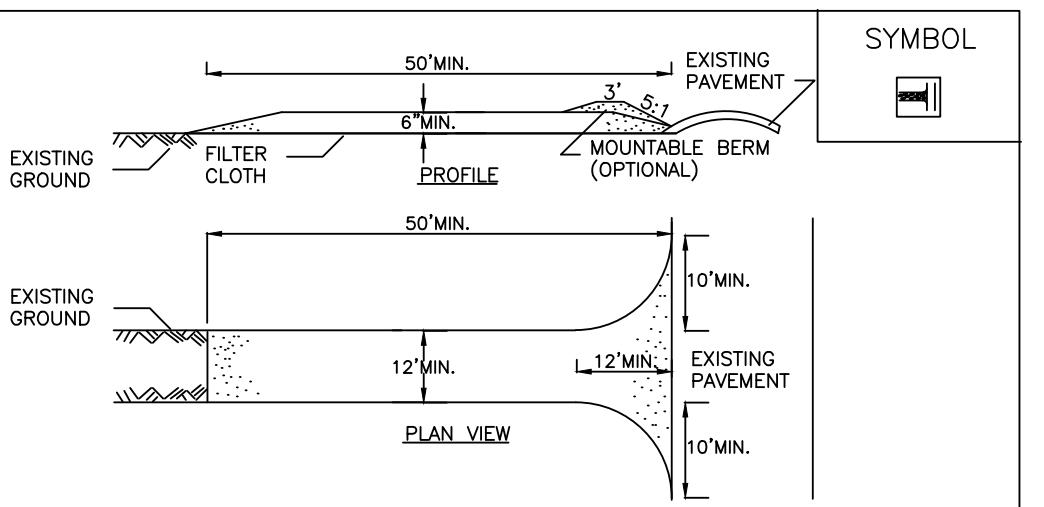
RIP RAP SPILLWAY DETAIL (SMF 'A')

N.T.S.



RIP-RAP OUTLET PROTECTION DETAIL TYPICAL

N.T.S.

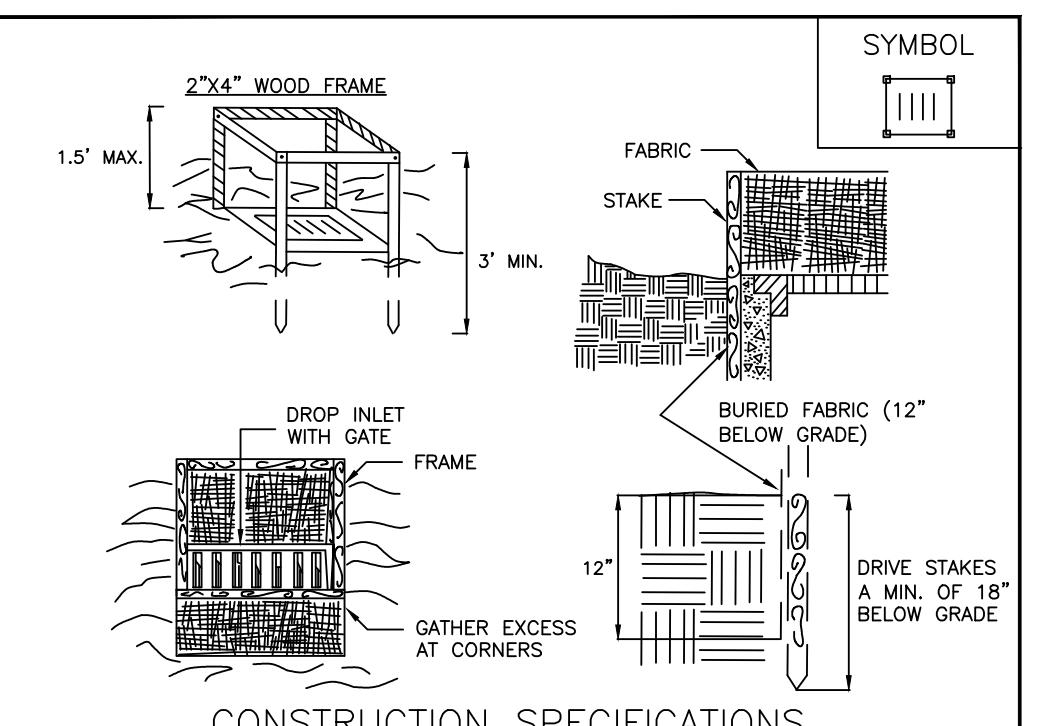


CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - 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.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED BEHIND THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 3:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL NOT ALLOW SEDIMENT TO SPILL ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

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

STABILIZED CONSTRUCTION ACCESS

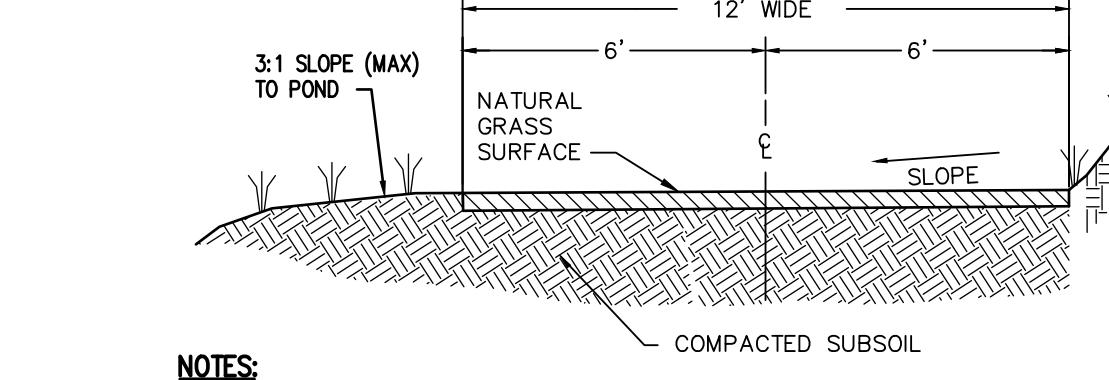


CONSTRUCTION SPECIFICATIONS

1. FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED, THEY WILL BE OVERLAPPED BY THE NEXT STAKE.
3. STAKE MATERIAL WILL BE UNPAINTED 4" X 4" WOOD OR EQUIVALENT.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART. DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND FRAME.
6. ADJUST FABRIC TO FRAME SIZE AND SECURED AROUND THE CREST 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



TYPICAL GRASS ACCESS/MAINTENANCE DRIVE DETAIL

N.T.S.

