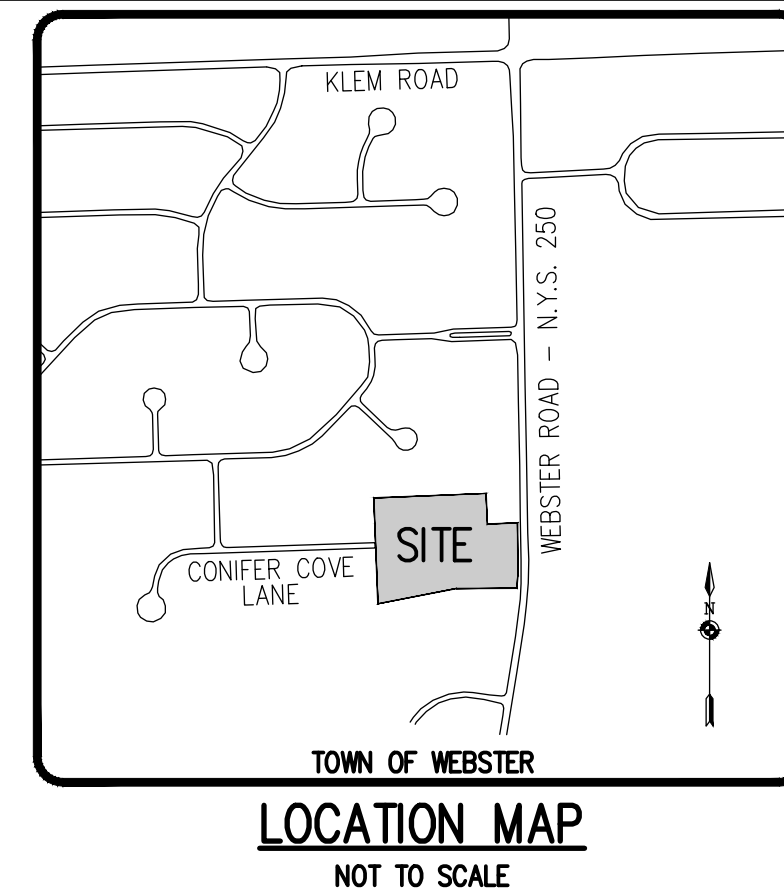
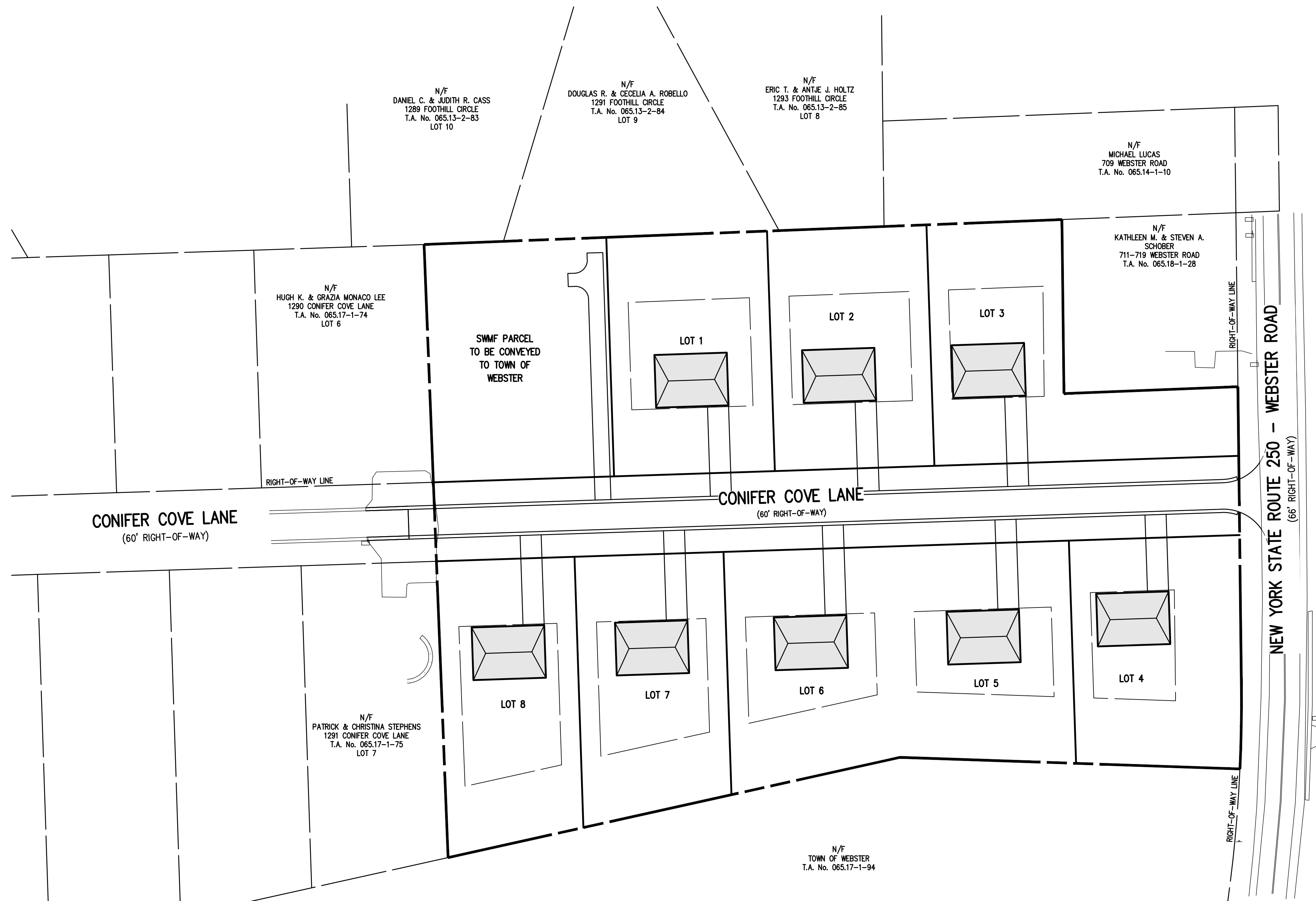


P:\2910 Drawings\Final\2910 Cover Sheet.dwg



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

ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS

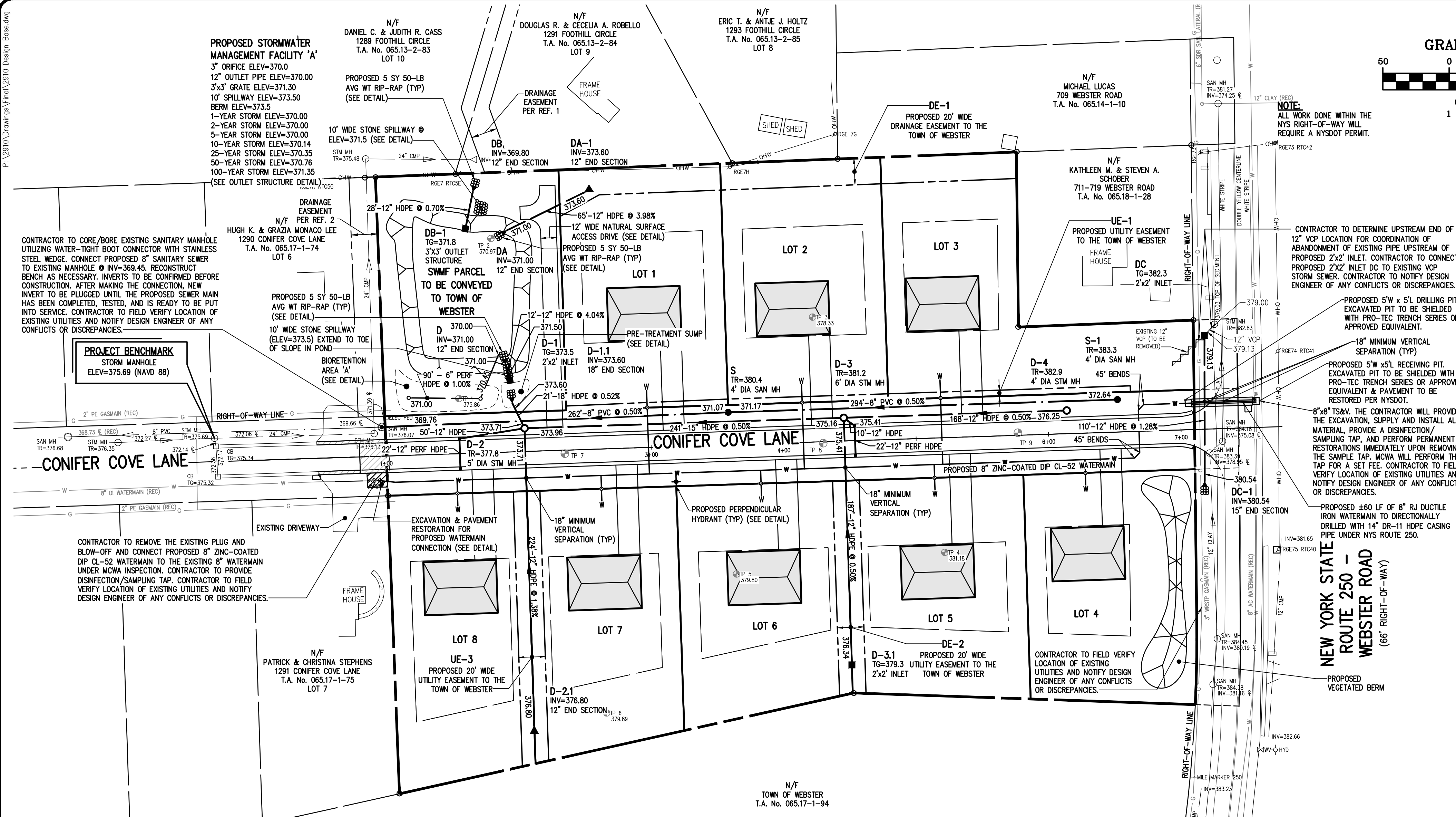
10 LIFT BRIDGE LANE EAST  
FAIRPORT, NEW YORK 14450

WWW.BMEPC.COM  
585-377-7360

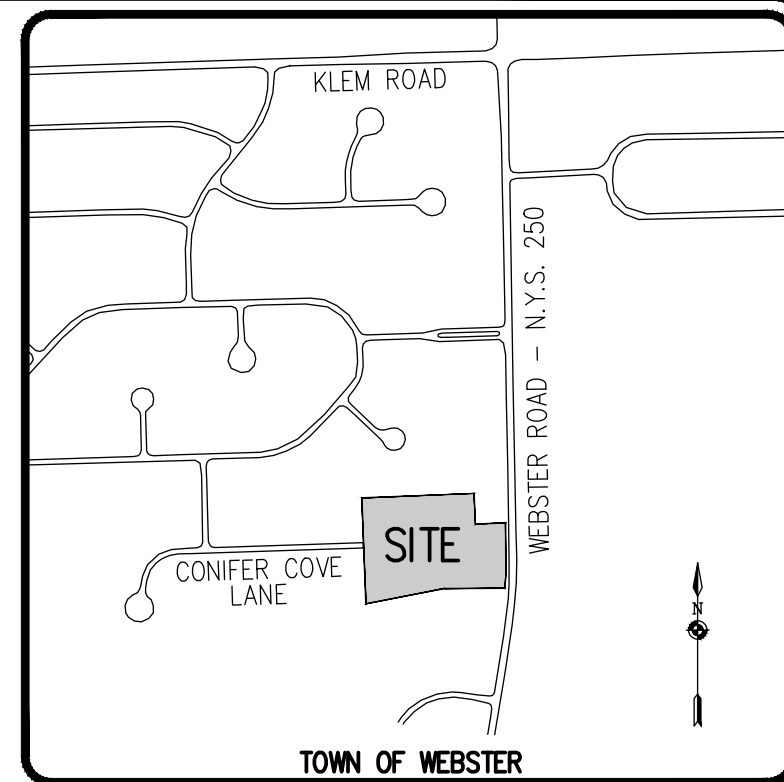
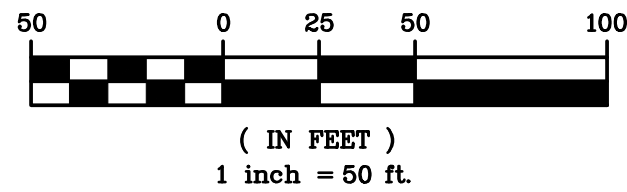








## GRAPHIC SCALE

LOCATION MAP  
NOT TO SCALE

## UTILITY NOTES:

- 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 SAID 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 DISTURBANCES 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 WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL CALL THE UDOG-NY UPO HOTLINE AT (800)962-7962 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 SUFFICIENTLY 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 NYSOT.

## WATERMAIN:

- WATERMANS 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).
- WATERMANS SHALL BE ZINC-COATED DUCTILE IRON CEMENT LINED CLASS 52 (DIP) OR AS NOTED ON THE PLANS.
- WATERMANS 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" DP
STATIC PRESSURE:	87 PSI
RESIDUAL PRESSURE:	68 PSI
OBSERVED FLOW:	1,307 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 CONCERNS.

## SANITARY SEWERS:

- 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-F-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 SEWERS:
- 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 (VIA SUMP PUMPS) SHALL DISCHARGE TO STORM SEWERS.
- ROOF RUNOFF LEADERS AND CELLAR INFILTRATION LINES SHALL NOT BE DISCHARGED TO THE HIGHWAY DRAINAGE DITCH.

## APPROVALS

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:	

## 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.

## MONROE COUNTY DEPARTMENT OF HEALTH STANDARD SANITARY SEWER EXTENSION NOTES:

## 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 C828-86 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 FOOTER 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 PIPELINES 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 MAINS 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

## PUBLIC WATER SYSTEM NOTES

Water mains and appurtenances to be constructed in accordance with the regulations and specifications of the Water Authority:

## Materials:

- Water main(s) shall be 8" -inch ductile iron cement-lined Class 52. (ZINC-COATED)
- Water service(s) shall be 1" -inch Type K Copper from the water main to the curb box and 1" -inch (Type K soft Copper or PE #4710) from the curb box to the meter.
- Water meter(s) shall be located on the interior of exterior walks immediately upon service entrance into the building(s). On metered services requiring a 1 1/2-inch or larger meter a bypass around the meter is required.
- All gate valves shall have stainless steel body and bonnet bolts.

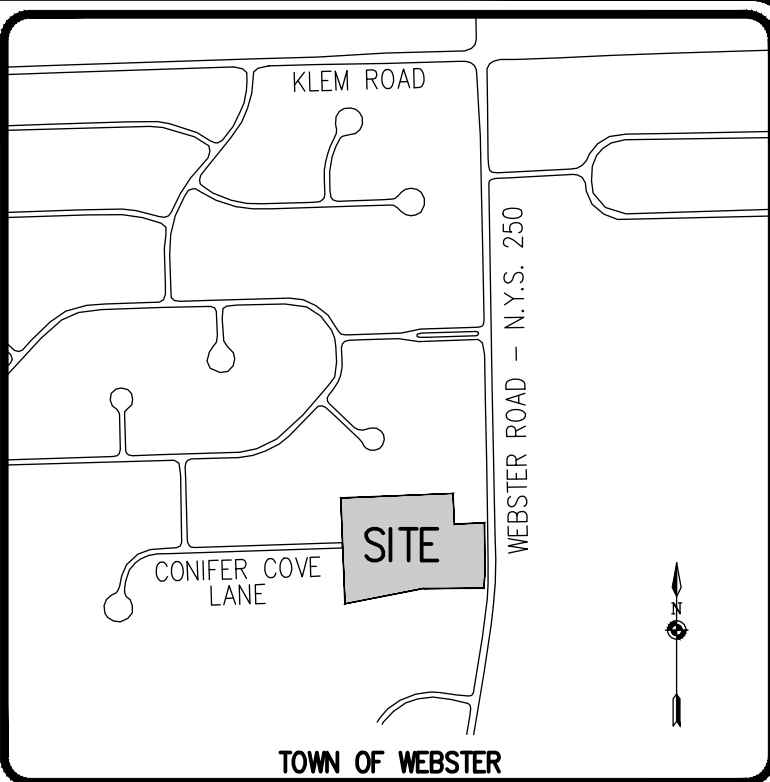
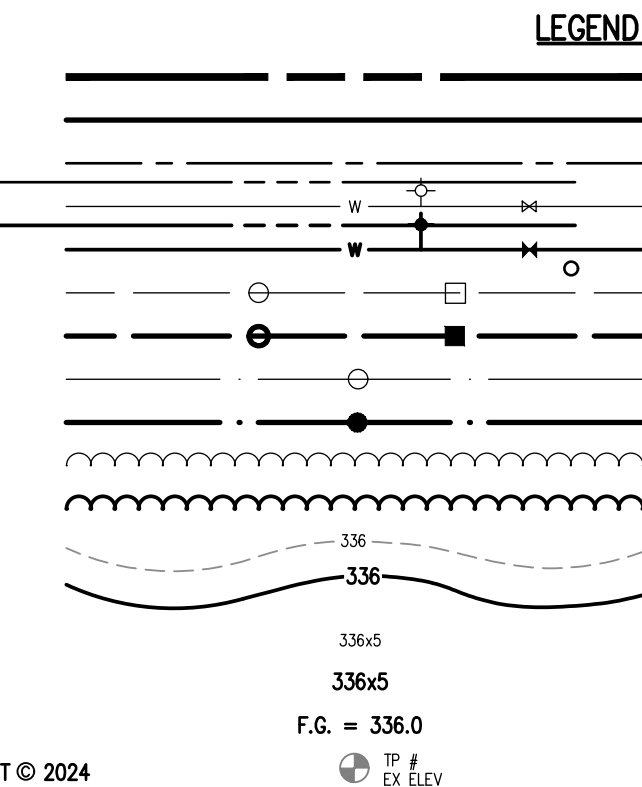
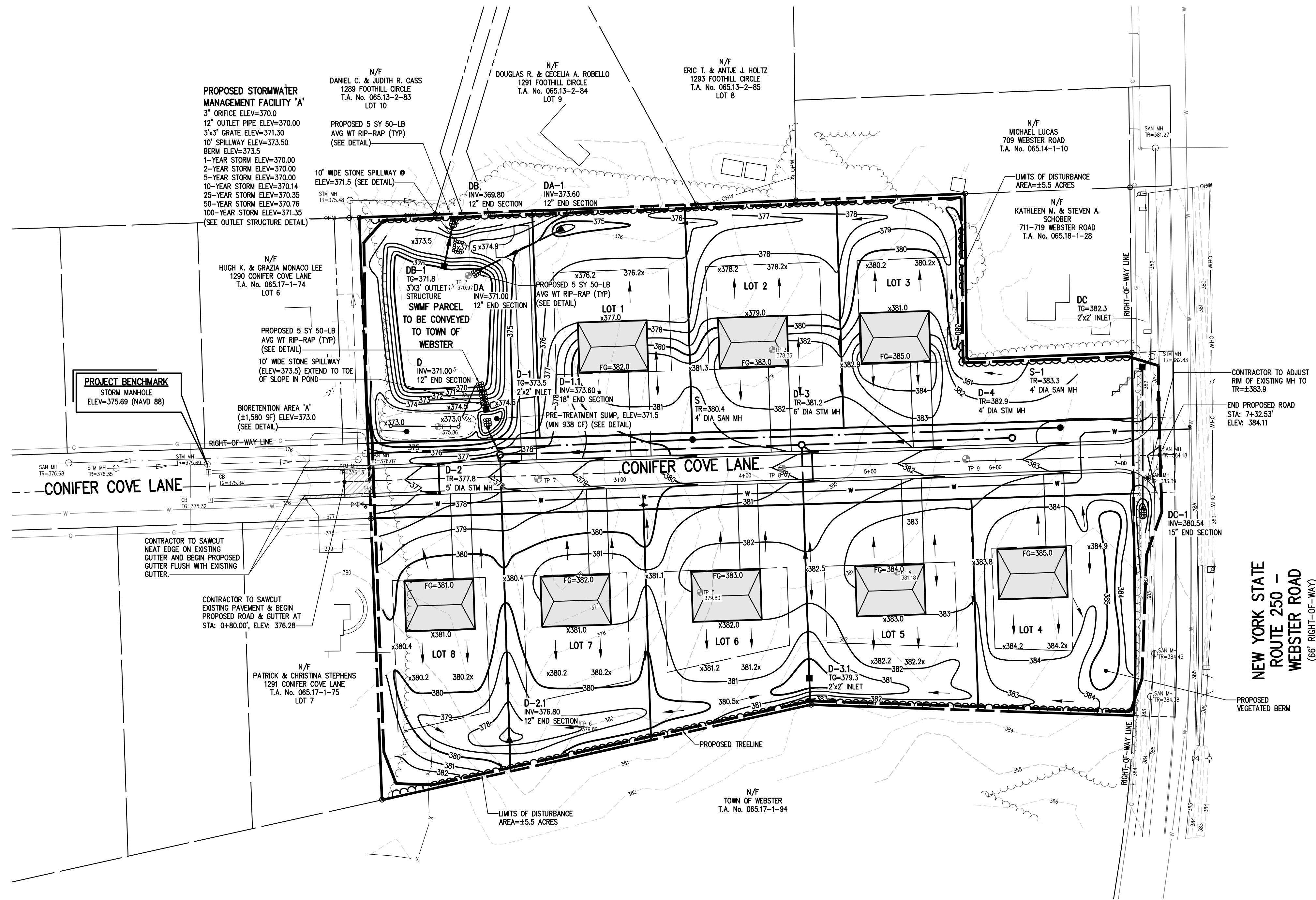
## Tests:

- Soil Test.** The contractor shall provide a soil test evaluation to determine the need for polyethylene encasement per ANSI/AWWA C105/AZL 5-82 prior to water main installation. Soil testing shall be conducted by an approved soil testing laboratory in accordance with Water Authority standards.
- Pressure Test.** Water mains to be pressure tested in accordance with the latest Water Authority specifications. A Water Authority representative must witness this test.
- Health Sample.** The water main shall be disinfected equal to AWWA Standard Specifications, designation C-651, by using the continuous flow method. After flushing and disinfecting the water main, water main samples shall be collected from the main by the Health Department with jurisdiction of the area. Fire hydrants are not acceptable sampling points. Approval and notification by the Health Department must be received before the main is placed in service.

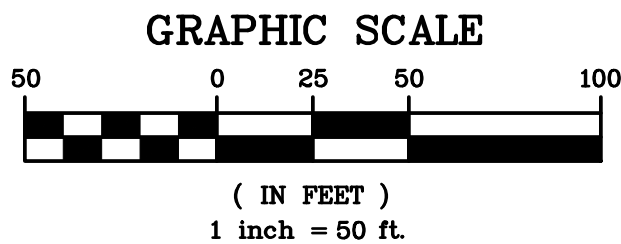
## Installation:

- 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 mains.
- 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.





LOCATION MAP  
NOT TO SCALE



GRADING NOTES:

- 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 WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL CALL THE UTPO HOTLINE AT (800)962-7962 OR 811 FOR STAKE-OUT OF EXISTING UTILITIES.
- THE CONTRACTOR SHALL CONTROL DUST ON SITE AS DIRECTED BY THE TOWN OF WEBSTER.
- 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. NO BLASTING ANTICIPATED FOR SITE DEVELOPMENT CONSTRUCTION.
- HIGHWAY DRAINAGE ALONG WEBSTER ROAD (NYS ROUTE 250) TO BE MAINTAINED AS DIRECTED BY NYSOT.
- FILL MATERIAL PLACED IN THE PAVEMENT AND BUILDING AREA SHALL BE SELECT 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.
- 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.

SEE PROFILE SHEET (BME SHEET  
#2910-08) FOR COMPACTION TABLE FOR  
CONIFER COVE LANE.

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: \_\_\_\_\_ DATE: \_\_\_\_\_  
COMMISSIONER OF PUBLIC WORKS

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
HIGHWAY SUPERINTENDENT

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PLANNING BOARD CHAIRMAN

**BME ASSOCIATES**  
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS



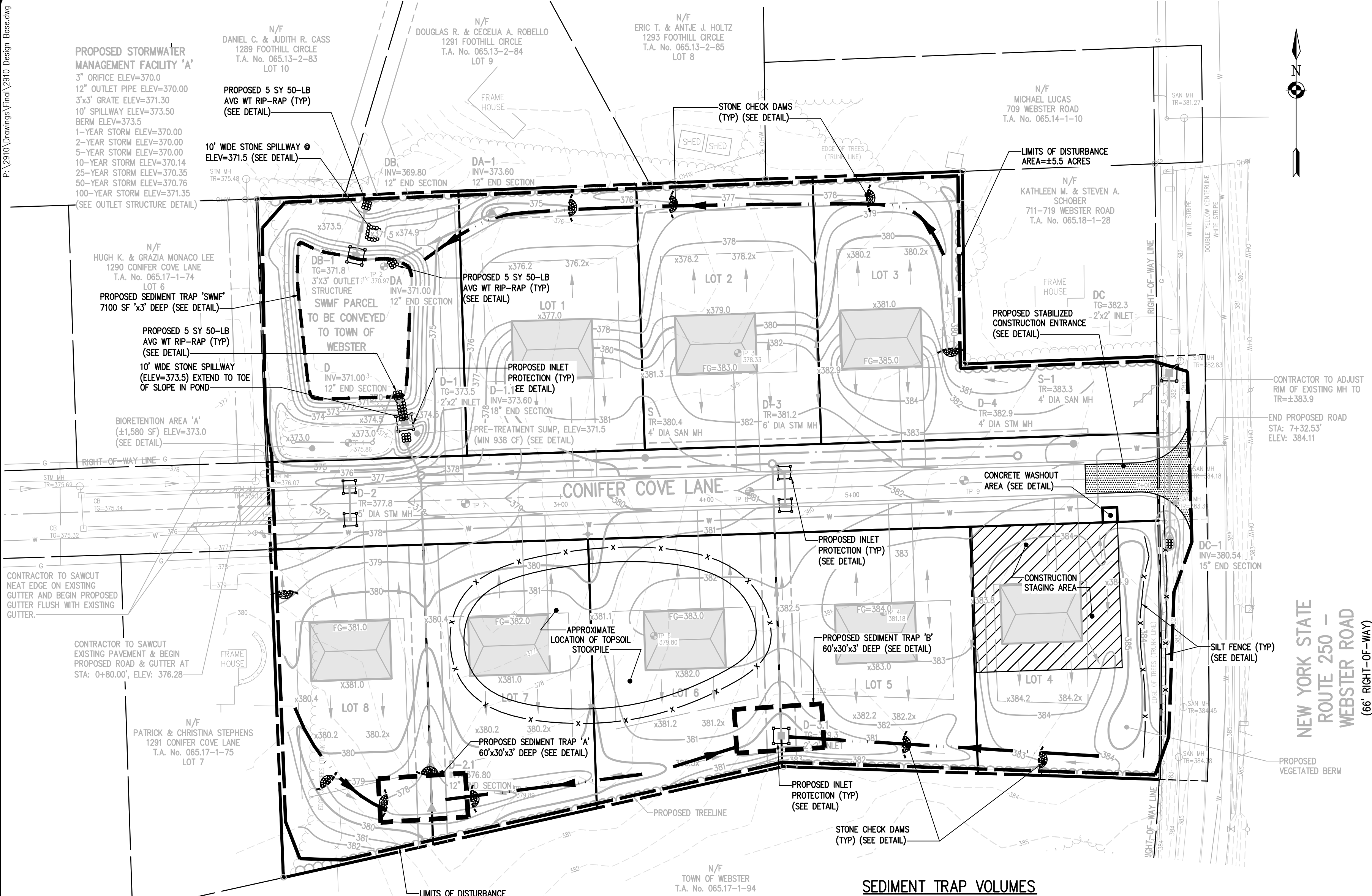
**BIRDSONG AT CONIFER COVE**  
TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE  
GROVE UNDERGROUND, LLC  
155 LINCOLN COURT  
ROCHESTER, NY 14620

PRELIMINARY/FINAL  
**GRADING PLAN**

PROJECT \_\_\_\_\_  
LOCATION \_\_\_\_\_  
CLIENT \_\_\_\_\_  
DRAWING TITLE \_\_\_\_\_

PROJECT MANAGER  
PG VARS  
PROJECT ENGINEER  
FA SHELLEY  
DRAWN BY  
AN D'ANGELO  
SCALE DATE ISSUED  
1" = 50' MAY 14, 2024  
PROJECT NO.  
**2910**  
DRAWING NO.  
**04**





#### CONSTRUCTION EROSION CONTROL NOTES:

- THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) CONSISTS OF THE STORMWATER MANAGEMENT REPORT, THE PROJECT PLANS, INCLUDING THE GRADING, CONSTRUCTION EROSION CONTROL PLAN AND DETAIL SHEET, AND THE TOWN OF WEBSTER DESIGN AND CONSTRUCTION SPECIFICATIONS REGARDING STORMWATER CONTROL. THE SWPPP FOR THIS PROJECT IS INTENDED TO CONFORM WITH THE NYSDEC GENERAL PERMIT GP-0-20-001 AND THE REQUIREMENTS OF LOCAL AND NYSDEC AUTHORITIES REGARDING THE CONTROL OF STORMWATER QUANTITY AND QUALITY.
- THE OWNER IS RESPONSIBLE FOR IMPLEMENTING THE REQUIRED SWPPP. THE OWNER'S CONTRACTOR, SUB-CONTRACTOR AND ALL OTHERS ASSOCIATED WITH THE IMPLEMENTATION OF THE PLAN SHALL BE FAMILIAR WITH THE PLAN AND THE CONDITIONS OF THE NYSDEC GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.
- ANY MODIFICATIONS OR DEVIATIONS FROM THE SWPPP, INCLUDING EROSION CONTROL MEASURES AND STORMWATER MANAGEMENT FACILITIES, SHALL BE DOCUMENTED IN THE INSPECTION REPORT AND CONSIDERED PART OF THE SWPPP FOR THE PROJECT.
- THE OWNER IS RESPONSIBLE FOR FILING THE NOTICE OF INTENT (NOI) FOR CONSTRUCTION ACTIVITY WITH NYSDEC PRIOR TO COMMENCING ANY CONSTRUCTION. A COPY OF THE NOI SHALL BE KEPT ON-SITE AND PROVIDED TO THE MUNICIPALITY.
- THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING ON SITE INSPECTIONS BY A LICENSED PROFESSIONAL REGARDING EROSION CONTROL DURING CONSTRUCTION. INSPECTIONS ARE TO BE PROVIDED AT A MINIMUM OF TWICE A WEEK FOR DISTURBANCES OF 5 ACRES AND GREATER AND ONCE A WEEK FOR DISTURBANCES LESS THAN 5 ACRES. AN INSPECTION REPORT LOG AND THE SWPPP ARE TO BE KEPT ON-SITE BY THE OWNER.
- FOR SITES WHERE SOIL DISTURBANCE ACTIVITIES HAVE BEEN TEMPORARILY SUSPENDED (E.G. WINTER SHUTDOWN) AND TEMPORARY STABILIZATION MEASURES HAVE BEEN APPLIED TO ALL DISTURBED AREAS, THE OWNER/OPERATOR MAY REDUCE THE SELF-INSPECTION FREQUENCY, BUT SHALL MAINTAIN A MINIMUM OF MONTHLY INSPECTIONS. (30 CALENDAR DAYS)
- THE OWNER'S CONTRACTOR/REPRESENTATIVE SHALL IDENTIFY AT LEAST ONE INDIVIDUAL TO BE TRAINED FROM THEIR COMPANY THAT WILL BE RESPONSIBLE FOR IMPLEMENTATION OF THE SWPPP. THE INDIVIDUAL MUST RECEIVE (4) HOURS OF NYSDEC TRAINING EVERY (3) YEARS. THE OWNER/OPERATOR SHALL ENSURE THAT AT LEAST ONE OF THE TRAINED INDIVIDUALS IS ON SITE ON A DAILY BASIS WHEN SOIL DISTURBANCE ACTIVITIES ARE BEING PERFORMED.
- CONTRACTOR TO MAINTAIN DISTURBANCE AREA TO LESS THAN 5 ACRES AT ANY ONE TIME. CONTRACTOR TO PROVIDE STABILIZATION MEASURES TO FINE-GRADED DISTURBED AREAS SO TO MAINTAIN A DISTURBANCE OF LESS THAN 5 ACRES.
- FOR DISTURBANCES LESS THAN 5 ACRES, IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 14 DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY GROUNDCOVER, THE DISTURBED AREAS SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL. ADDITIONAL TIME FRAMES FOR STABILIZATION ARE SUBJECT TO THE REQUIREMENTS OF A REGULATED TRADITIONAL LAND USE MSA.
- THE OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, CLEANING, REPAIR AND REPLACEMENT OF EROSION CONTROL MEASURES DURING SITE CONSTRUCTION.
- THE BIORETENTION FACILITY MAY NOT BE CONSTRUCTED UNTIL ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED.
- ALL DISTURBED AREAS TO BE RESTORED PER TABLE 5.3 SOIL RESTORATION REQUIREMENTS FOUND IN CHAPTER 5: GREEN INFRASTRUCTURE PRACTICES OF THE NYS STORMWATER MANAGEMENT DESIGN MANUAL.
- ALL DISTURBED AREAS TO BE RECLAIMED WITH A MINIMUM OF 12" TOPSOIL.
- AREAS OR EMBANKMENTS REQUIRING AN EROSION CONTROL BLANKET SHALL UTILIZE ECS-1B (EASTCOAST) OR AN APPROVED EQUIVALENT.
- TEMPORARY SEEDING OF DISTURBED AREAS SHALL BE PROVIDED AS FOLLOWS:  
THE SURFACE TWO INCHES OF SOIL SHOULD BE LOOSENED BY DISKING, RAKING, OR BACK-BLADING WITH A BULLDOZER. IMMEDIATELY FERTILIZE WITH 300 LBS PER ACRE (OR 7 LBS. PER 1000 SQ. FT.) OF 10-10-10 FERTILIZER. IMMEDIATELY SEED WITH THE FOLLOWING MIX:

	LBS./ACRE	LBS./1000 SQ. FT.
ANNUAL RYEGRASS	40	1
PERENNIAL RYEGRASS	40	1
GRASS	40	1
WHITE CLOVER (+ INOCULANT)	4	0.1

SEED SHOULD HAVE A GERMINATION RATE OF AT LEAST 85 PERCENT AND MINIMAL INERT MATERIAL.

	LBS./ACRE	LBS./1000 SQ. FT.
ANNUAL RYEGRASS	40	1
PERENNIAL RYEGRASS	40	1
GRASS	40	1
WHITE CLOVER (+ INOCULANT)	4	0.1

SEED SHOULD HAVE A GERMINATION RATE OF AT LEAST 85 PERCENT AND MINIMAL INERT MATERIAL.

	LBS./ACRE	% BY PURITY	% GERM.
PERENNIAL RYE GRASS	35	85	85
RED FESCUE	35	97	80
KENTUCKY BLUEGRASS	30	85	80

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

- THE STORMWATER POND AREA SHALL BE SEED TO AN ELEVATION 2 FT. ABOVE THE NORMAL PONDING LEVEL WITH "OBL WETLAND SEED MIX" (ERNM-131) BY ERNST CONSERVATION SEEDS, OR APPROVED EQUAL.
- ALL SEEDED AREAS ARE TO BE MONITORED FOR GERMINATION AND EROSION. ERODED AREAS ARE TO BE BACKFILLED, FINE GRADED AND RE-SEED. AREAS THAT FAIL TO GERMINATE A MINIMUM OF 80% SHALL BE RE-SEED.
- ANY EXCAVATIONS THAT MUST BE DEWATERED SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE BEFORE ENTERING AN ACTIVE DRAINAGE SYSTEM OR DISPERSED TO AN UNDISTURBED AREA.
- THE HOME BUILDER SHALL BE RESPONSIBLE FOR IMPLEMENTING INDIVIDUAL LOT EROSION CONTROL MEASURES AS SHOWN ON THE PLAN DETAIL FOR INDIVIDUAL HOUSE CONSTRUCTION. THE MEASURES ARE TO REMAIN IN PLACE UNTIL HOUSE CONSTRUCTION IS COMPLETE AND THE LAWN IS ESTABLISHED.
- THE OWNER SHALL BE RESPONSIBLE FOR REMOVING EXISTING EROSION CONTROL MEASURES THAT ARE LOCATED WITHIN ESTABLISHED AREAS. MATERIALS ARE TO BE DISPOSED OF PROPERLY.
- UPON COMPLETION OF CONSTRUCTION AND FINAL STABILIZATION THE OWNER MAY FILE A NOTICE OF TERMINATION (NOT) WITH NYSDEC PER THE REQUIREMENTS OF THE GENERAL PERMIT GP-0-20-001.

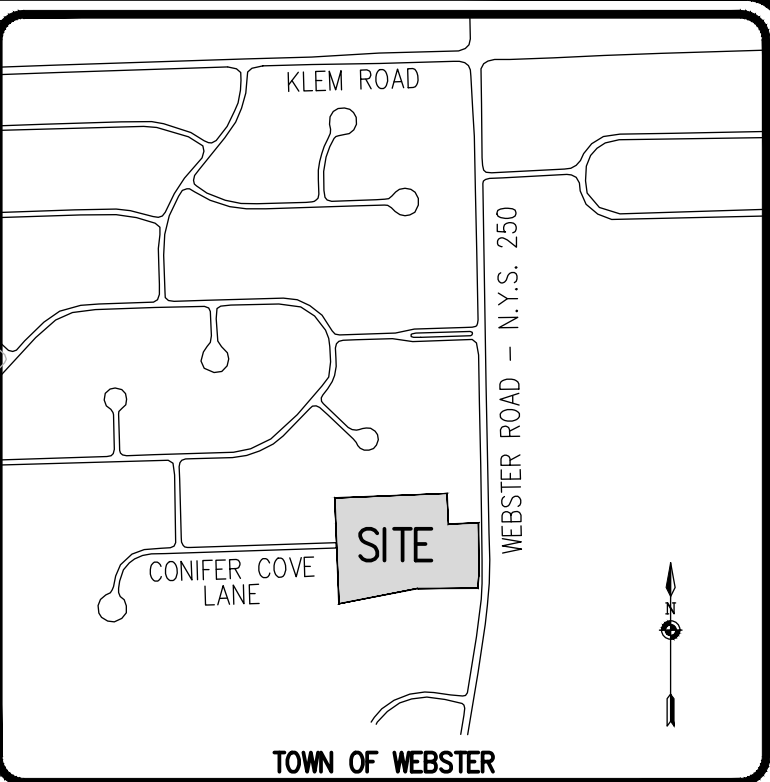
#### NOT APPROVED

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.

BY: COMMISSIONER OF PUBLIC WORKS

BY: HIGHWAY SUPERINTENDENT

BY: PLANNING BOARD CHAIRMAN



#### LOCATION MAP NOT TO SCALE

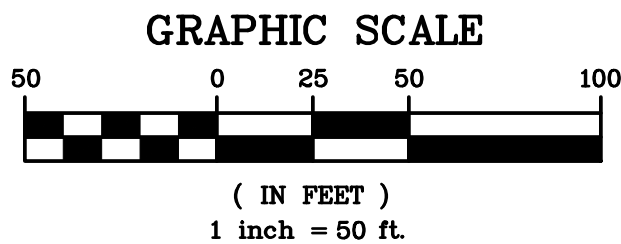


Table 5.3 Soil Restoration Requirements		
Type of Soil Disturbance	Soil Restoration Requirement	Comments/Examples
No soil disturbance	Restoration not permitted	Preservation of Natural Features
Minimal soil disturbance	Restoration not required	Clearing and grubbing
Areas where topsoil is stripped only - no change in grade	HSG A & B apply 6 inches of topsoil HSG A & B	Protect area from any ongoing construction activities.
Areas of cut or fill	Aerate and apply 6 inches of topsoil	Apply full Soil Restoration **
Heavy traffic areas on site (especially in a zone 5-25 feet around buildings but not within a 5 foot 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 to enhance the reduction specified for appropriate practices.	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.  
\*\* Per "Deep Ripping and De-compaction, DEC 2008".

#### APPROVALS

BY: COMMISSIONER OF PUBLIC WORKS

BY: HIGHWAY SUPERINTENDENT

BY: PLANNING BOARD CHAIRMAN

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, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal and the notation "Altered by" followed by his signature and the date of such alteration, and a specific description of the alteration."

REVISIONS	DATE	BY
1		
2		
3		
4		
5		
6		
7		

**BME ASSOCIATES**  
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS  
WWW.BMEPCOM  
585-377-7360  
10 LIFT BRIDGE LANE EAST  
FAIRPORT, NEW YORK 14450



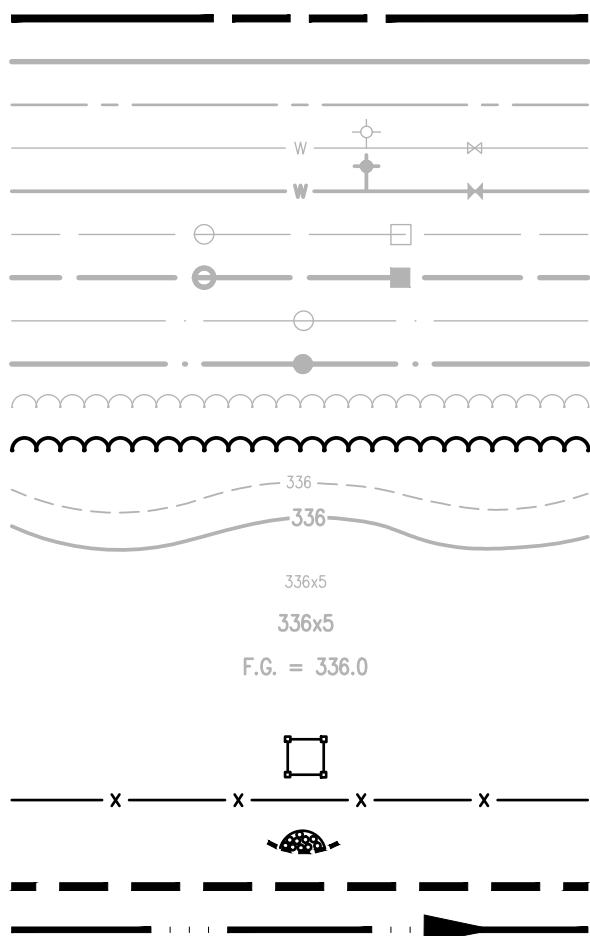
**BIRDSONG AT CONIFER COVE**  
PROJECT LOCATION CLIENT  
TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE  
GROVE INSURANCE, LLC  
150 W. MAIN STREET  
ROCHESTER, NY 14620  
PRELIMINARY/FINAL  
CONSTRUCTION EROSION CONTROL PLAN

DRAWING TITLE

PROJECT MANAGER  
PG VARS  
PROJECT ENGINEER  
FA SHELLEY  
DRAWN BY  
AN D'ANGELO  
SCALE  
1" = 50'  
DATE ISSUED  
MAY 14, 2024  
PROJECT NO.  
2910  
DRAWING NO.  
05

SEE PROFILE SHEET (BME SHEET #2910-07) FOR COMPACTION TABLE FOR CONIFER COVE LANE.

#### LEGEND



BOUNDARY LINE  
PROPOSED LOT LINE  
CENTERLINE  
EXISTING WATERMAIN, HYDRANT, AND VALVE  
PROPOSED WATERMAIN, HYDRANT, AND VALVE  
EXISTING STORM SEWER, MANHOLE, AND INLET  
EXISTING SANITARY SEWER AND MANHOLE  
PROPOSED SANITARY SEWER AND MANHOLE  
EXISTING TREE LINE  
PROPOSED TREE LINE  
EXISTING CONTOUR W/ ELEVATION  
PROPOSED CONTOUR W/ ELEVATION  
EXISTING SPOT ELEVATION  
PROPOSED SPOT ELEVATION  
PROPOSED FINISHED GRADE ELEVATION  
PROPOSED FABRIC INLET PROTECTION  
PROPOSED TEMPORARY STONE CHECK DAM  
PROPOSED LIMITS OF DISTURBANCE  
PROPOSED TEMPORARY DIVERSION SWALE

#### SEQUENCE OF CONSTRUCTION STEPS:

TOTAL DISTURBED ACREAGE = ±5.5 ACRES

##### STEP 1: (SITE PREPARATION)

- INSTALL AND MAINTAIN STABILIZED CONSTRUCTION ENTRANCE(S) AND CONSTRUCTION STAGING AREA (SEE DETAIL).

- CLEAR AND GRUB AS REQUIRED FOR SILT FENCE INSTALLATION.

- INSTALL AND MAINTAIN PERIMETER SILT FENCE, COMPLETE CLEARING AND GRUBBING OPERATIONS AS NECESSARY OR PROVIDE BRUSH HOGGING OF LANDS TO MAINTAIN GROUND COVER.

##### STEP 2: (CONSTRUCTION ACTIVITY)

- STRIP AND STOCKPILE TOPSOIL AS REQUIRED FOR INSTALLATION OF THE PROPOSED STORMWATER MANAGEMENT FACILITIES, COMPLETE GRADING, FINE GRADE AND SEED. STORMWATER MANAGEMENT FACILITY TO BE UTILIZED AS A SEDIMENT BASIN DURING CONSTRUCTION. CONTRACTOR TO UNDERCUT POND BOTTOM BY 1".

- STRIP AND STOCKPILE TOPSOIL: TOPSOIL TO BE STRIPPED FROM ALL PROPOSED PAVEMENT AND BUILDING AREAS AND STOCKPILED IN DESIGNATED AREA. INSTALL SILT FENCE AROUND PERIMETER OF TOPSOIL PILE AND SEED WITH TEMPORARY SEEDING MIX. MULCH IS REQUIRED BETWEEN NOVEMBER 15TH AND APRIL 1ST.

- COMMENCE MASS GRADING OPERATIONS, COMPLETE REQUIRED CUTS AND FILLS. UPON COMPLETION OF THE MASS GRADING OPERATIONS, INSTALL ADDITIONAL EROSION CONTROL MEASURES INCLUDING STONE CHECK DAMS, INTERCEPTOR SWALES, AND TEMPORARY SEDIMENT TRAPS. SWALES TO BE STABILIZED WITHIN 2 DAYS OF COMPLETION AND SEDIMENT TRAPS TO BE STABILIZED IMMEDIATELY. MEASURES ARE TO BE MAINTAINED BY THE CONTRACTOR UNTIL GROUND COVER HAS BEEN ESTABLISHED.

- CONTRACTOR MAY INSTALL UTILITIES DURING GRADING OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STABILIZE THE SITE AND VERIFY GRADING ELEVATIONS PRIOR TO UTILITY CONSTRUCTION. ADDITIONAL EROSION CONTROL MEASURES, INCLUDING STONE CHECK DAMS, INTERCEPTOR SWALES AND TEMPORARY SEDIMENT TRAPS SHALL BE PROVIDED AS SHOWN IN THE PLANS, OR AS DIRECTED.

- COMPLETE EARTHWORK, INCLUDING FINE GRADING OF SLOPES. SLOPES TO BE REPLACED WITH 12" OF TOPSOIL, MULCHED AND SEED WITHIN 2 DAYS OF COMPLETION. SILT FENCE TO BE INSTALLED AT TOE OF SLOPE (IF APPLICABLE).

- COMPLETE INSTALLATION OF UNDERGROUND UTILITIES AND ROAD BOX. RESTORE AND RE-SEED RIGHT-OF-WAY AREAS AS NEEDED. INSTALL PAVEMENT DIVERSION ONCE THE BINDER ASPHALT IS INSTALLED.

- INSTALL CONCRETE TRUCK WASHOUT PRIOR TO CONCRETE POURING ACTIVITIES (SEE DETAIL).

- INSTALL ROAD BASE, GUTTERS AND PAVEMENT WITH EROSION CONTROL MEASURES AS NECESSARY TO MINIMIZE SILT DISTRIBUTION ON EXISTING AND CONSTRUCTED ROADWAYS.

##### STEP 3: (STABILIZATION & MONITORING)

- SEED AND MULCH ALL DISTURBED AREAS AS REQUIRED BY GP-0-20-001. SEED WITH A SEED MIX AS INDICATED IN CONSTRUCTION EROSION CONTROL NOTES, AND MULCH.

- SEED ALL SLOPES 3:1 OR STEEPER WITH STEEP SLOPE SEEDING MIX AND STABILIZE WITH EROSION CONTROL BLANKET - ECS-1B (EASTCOAST) OR AN APPROVED EQUIVALENT.

- FROM NOVEMBER 15TH TO APRIL 1ST, IF STRAW MULCH ALONE IS USED FOR TEMPORARY STABILIZATION, IT SHALL BE APPLIED AT DOUBLE THE STANDARD RATE OF 2 TONS PER ACRE, MAKING THE APPLICATION RATE 4 TONS PER ACRE.

- MONITOR STORMWATER MANAGEMENT FACILITY, SEDIMENT BASINS, AND SEDIMENT TRAPS DURING CONSTRUCTION OPERATIONS FOR SILT ACCUMULATION. CONTRACTOR TO CLEAN AS NECESSARY.

- MAINTAIN PERIMETER SILT FENCE AND INLET PROTECTION UNTIL THE ADJACENT SOILS HAVE ACHIEVED 80% STABILIZATION.

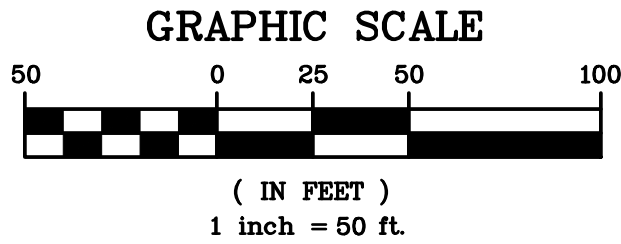
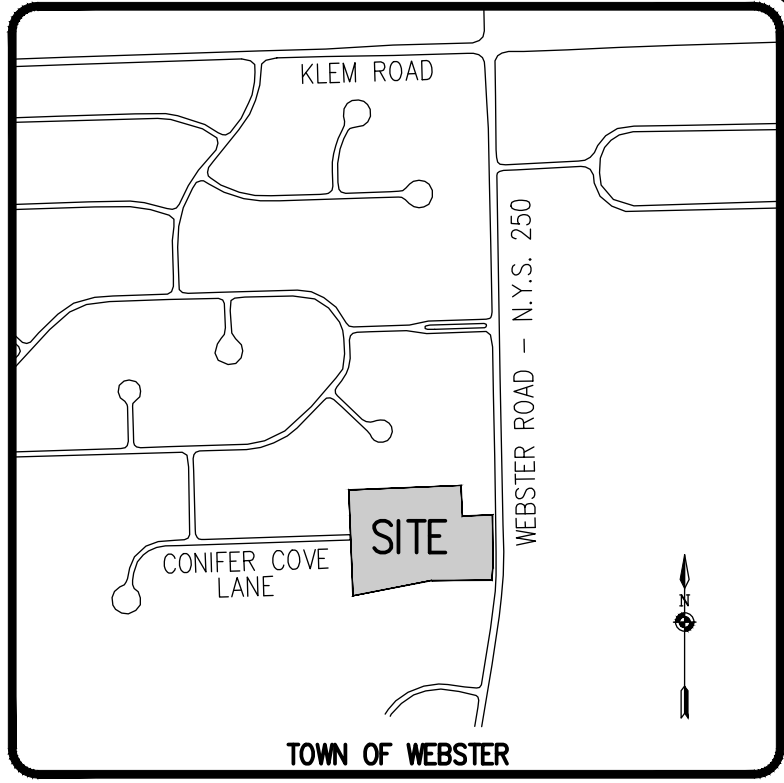
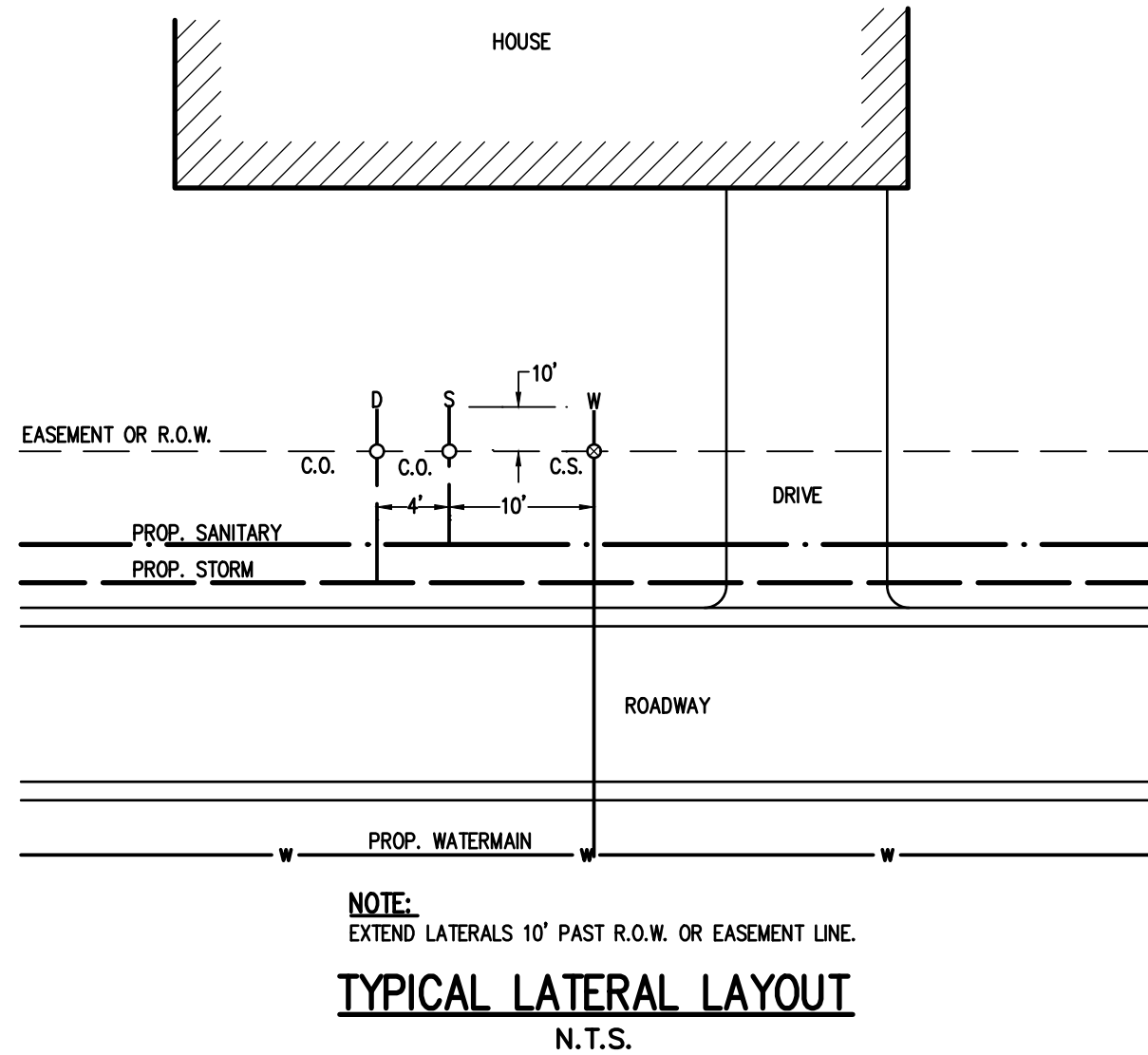
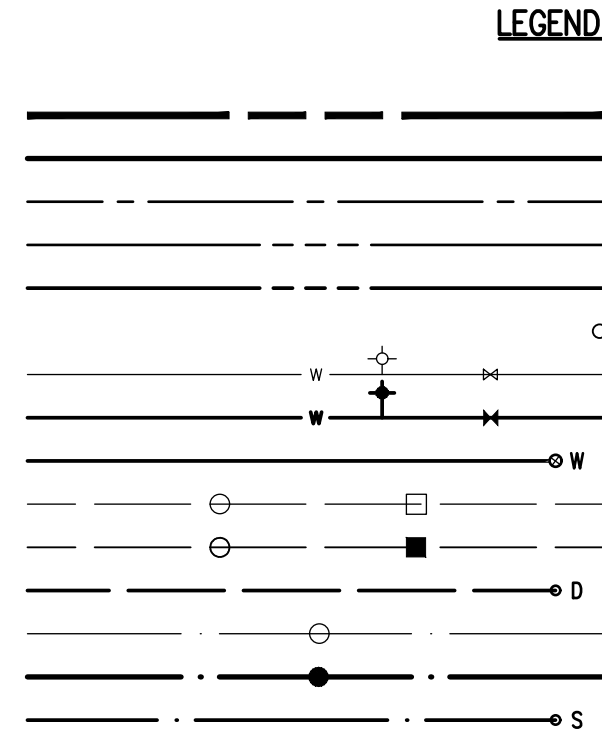
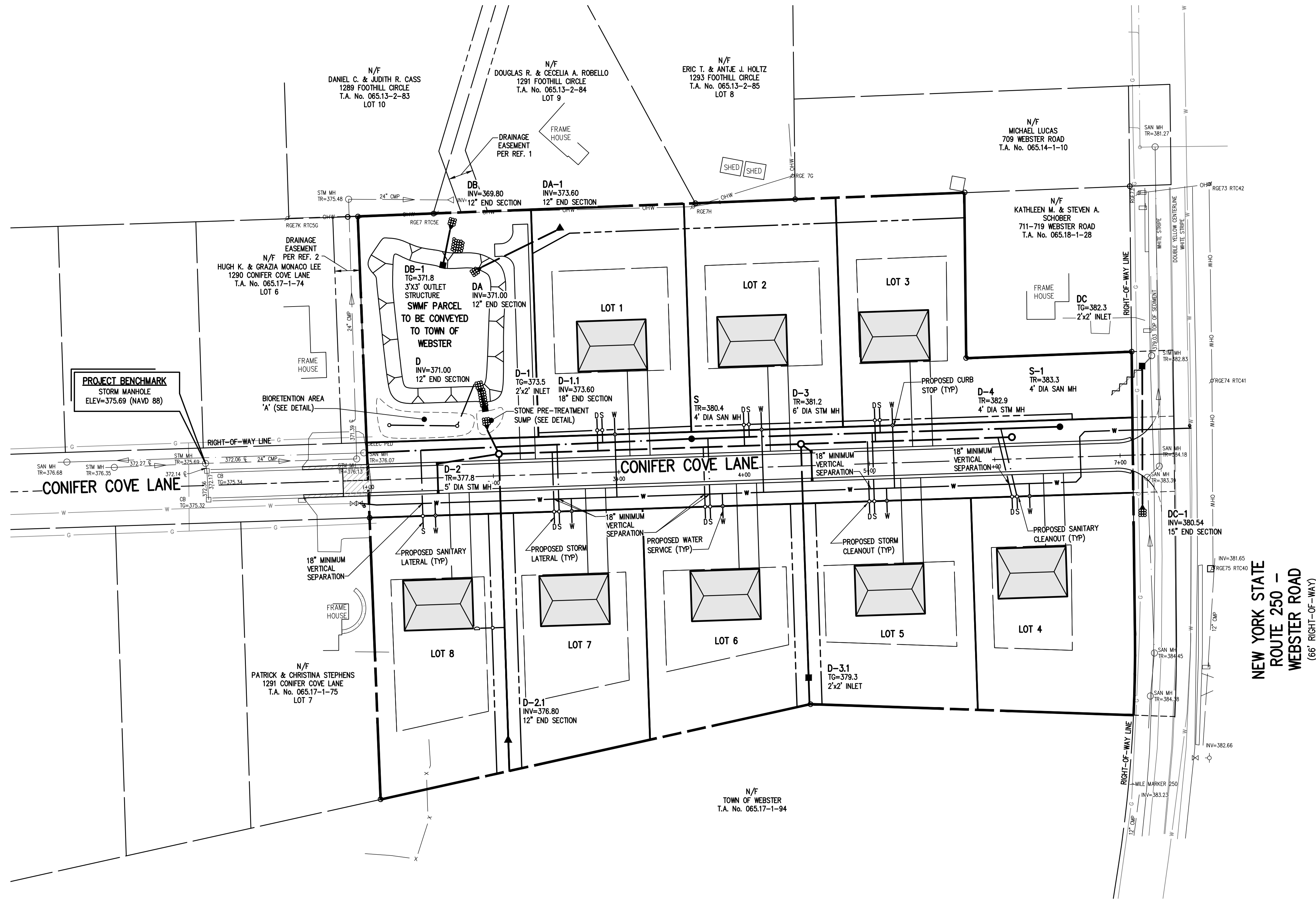
- SEE CONSTRUCTION EROSION CONTROL NOTES FOR REQUIRED SEED MIXES AND TEMPORARY/WINTER STABILIZATION METHODOLOGY.

- DUST SHALL BE CONTROLLED DURING CONSTRUCTION BY THE CONTRACTOR TO MINIMIZE EFFECT ON THE ADJACENT PROPERTIES. THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS NEEDED AND/OR AS DIRECTED BY THE TOWN ENGINEER OR OWNER.

- CONSTRUCT BIORETENTION AREAS ONCE CONTRIBUTING UPSTREAM AREAS ARE STABILIZED AND GROUNDCOVER IS ESTABLISHED.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE EXISTING ROADWAYS, PAVED AREAS, AND CHANNELS FREE OF MUD, DIRT, AND DEBRIS. THE CONTRACTOR WILL CLEAN THESE AREAS AS NECESSARY OR AS REQUIRED BY THE OWNER OR TOWN OF WEBSTER





**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  
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 METERED SERVICES REQUIRING A 14" 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 (VIA SUMP PUMPS) SHALL DISCHARGE TO STORM SEWERS.

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

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, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal and the notation 'Altered by' followed by his signature and the date of such alteration, and a specific description of the alteration."

BY	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		

**BME ASSOCIATES**  
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS  
WWW.BMEPCOM  
585-377-7360  
10 LIFT BRIDGE LANE EAST  
FAIRPORT, NEW YORK 14450



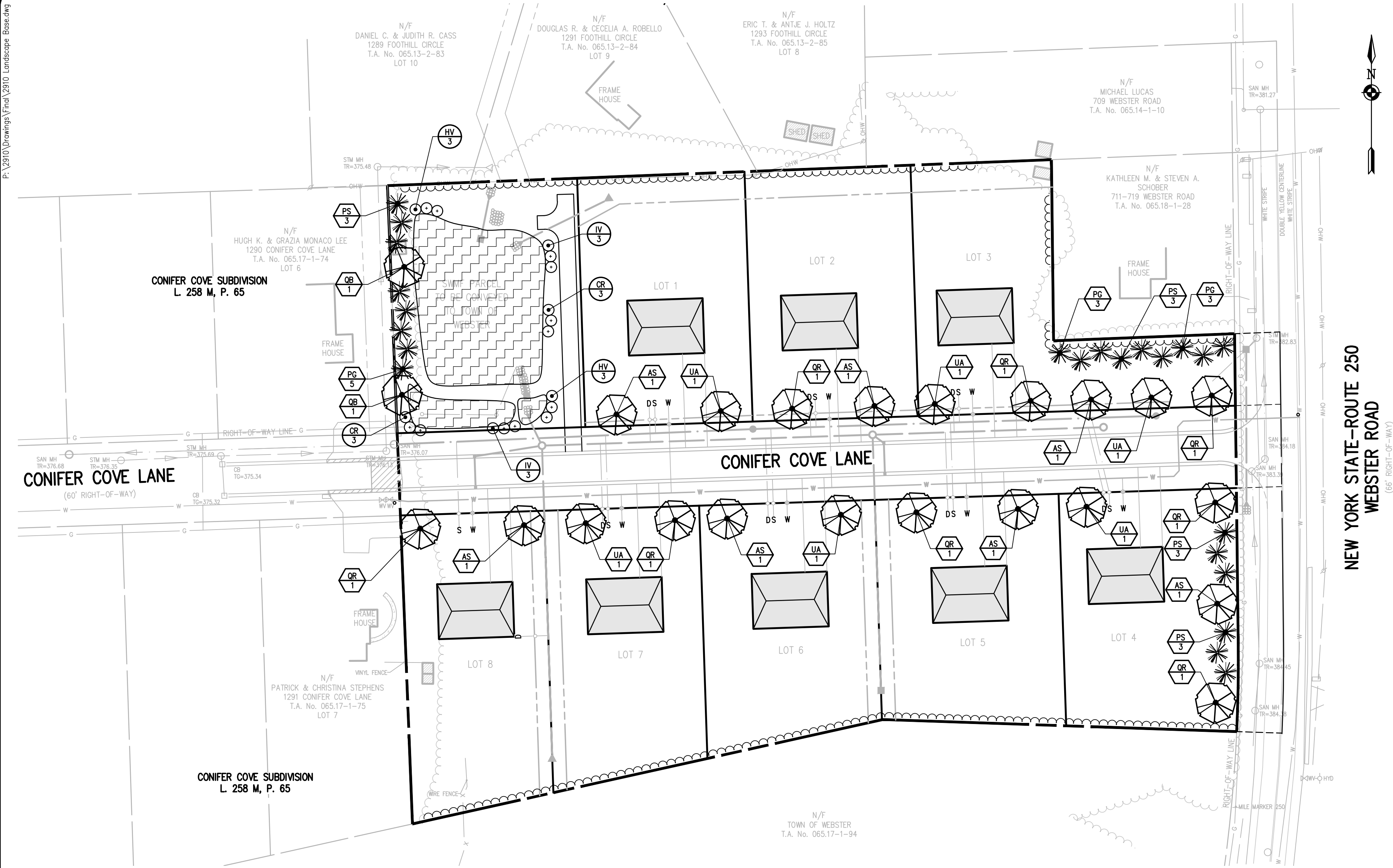
**BIRDSONG AT CONIFER COVE**  
TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE  
GROVE UNDERGROUND, LLC  
155 LINDEN COURT  
ROCHESTER, NY 14620  
PRELIMINARY/FINAL  
LATERAL PLAN

PROJECT	LOCATION	CLIENT	DRAWING TITLE
BIRDSONG AT CONIFER COVE			LATERAL PLAN

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

DRAWING NO. **2910**  
**06**





NEW YORK STATE-ROUTE 250  
WEBSTER ROAD

#### LANDSCAPE NOTES:

- ALL PLANTS SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS NOTED IN THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, ANSI Z60.1-2004.
- 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 THE HORIZONTAL LINE OF UNDERGROUND UTILITIES TO THE PLANT BALL.
- ALL TREES SHALL BE LOCATED A MINIMUM DISTANCE OF TEN FEET (10') FROM THE HORIZONTAL LINE OF 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.
- SEED ALL AREAS NOT PAVED, PLANTED OR SPECIFIED OTHERWISE WITH LAWN SEED.

LAWN SEED MIXTURE SHALL BE PROVIDED AS FOLLOWS:	% BY WEIGHT	% BY PURITY	% GERM
'REPELL', 'CITATION' & 'MORNING STAR'			
PERENNIAL RYE GRASS	40	85	85
'JAMESTOWN II', 'FORTRESS', 'ENSILVA'			
RED FESCUE	20	97	80
'BARON' & 'MIDNIGHT'			
KENTUCKY BLUEGRASS	40	85	80

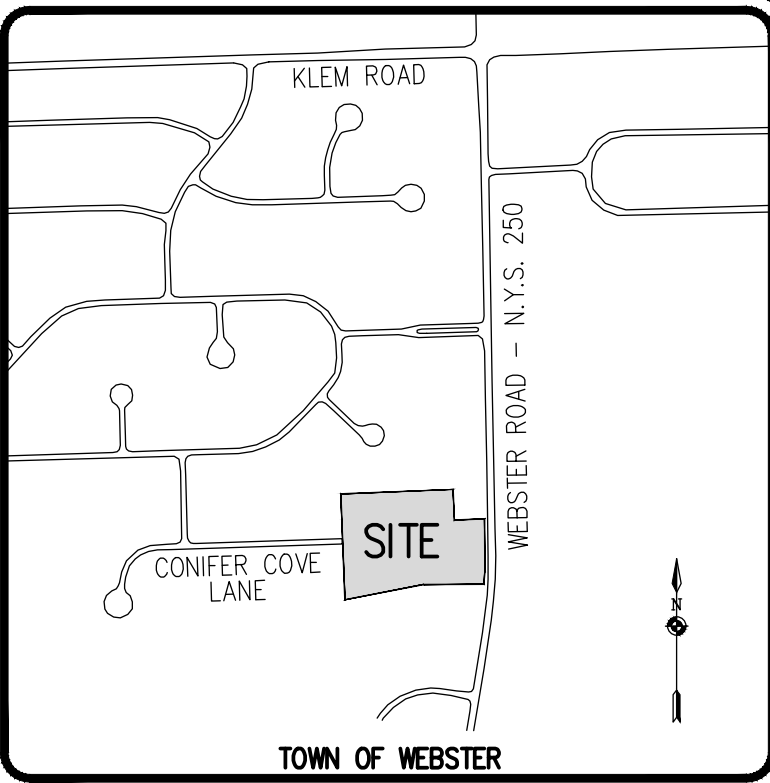
SEEDING RATE: 6.0 LBS PER 1,000 SF.  
MULCH: STRAW AT TWO TONS PER ACRE, OR WOOD FIBER MULCH  
USED WITH A HYDROSEEDING APPLICATION METHOD, WITH TACKIFIER.  
STARTING FERTILIZER: 5:10:10 AT 20 LBS PER 1,000 SF.

PLEASE REFER TO BME DRAWING # 2910-05 / EROSION CONTROL PLAN FOR FURTHER SEEDING REQUIREMENTS IE.: TEMPORARY SEEDING AND SPECIALIZED SEED MIXES.

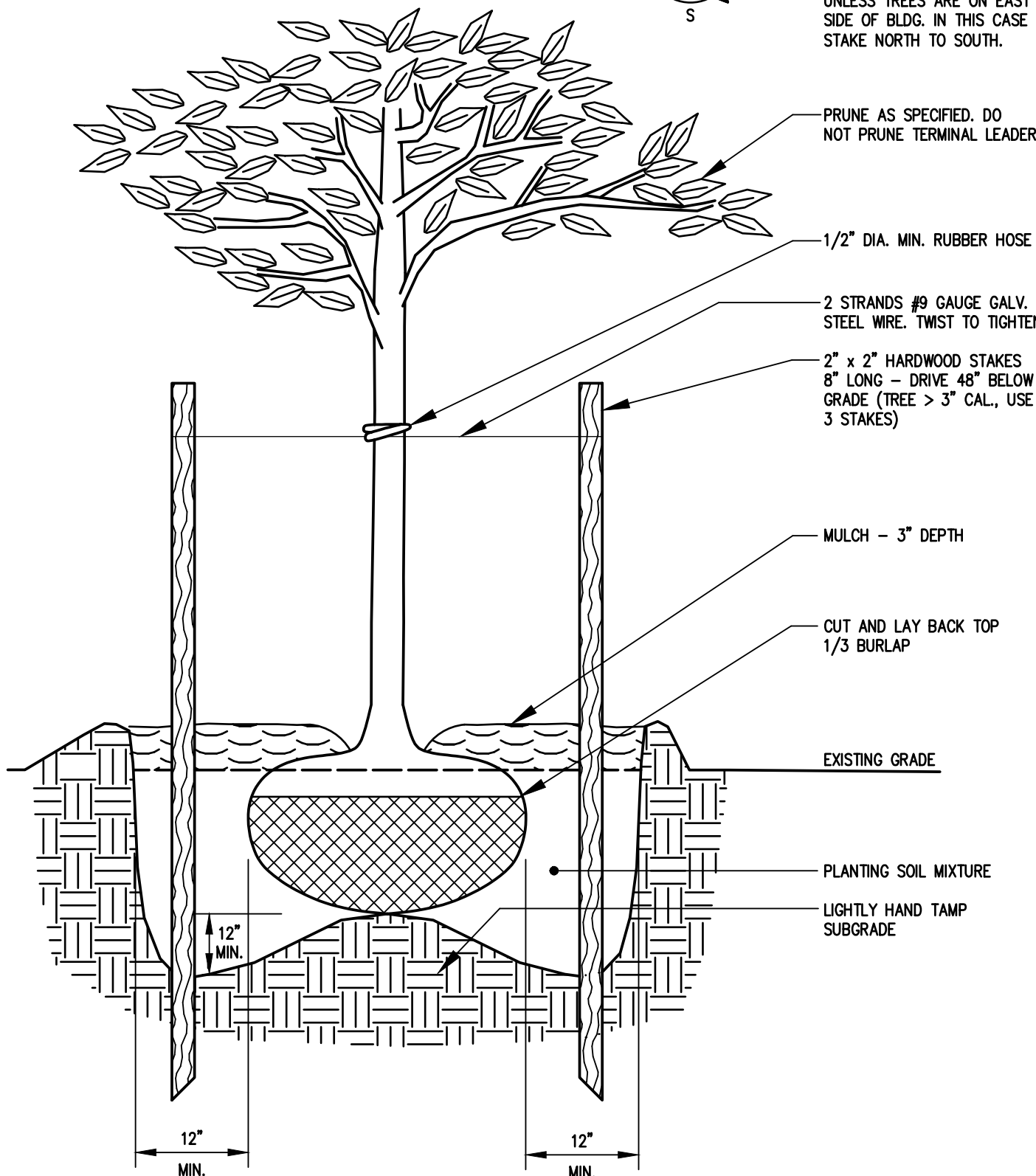
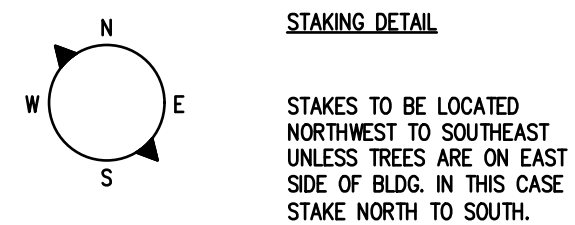
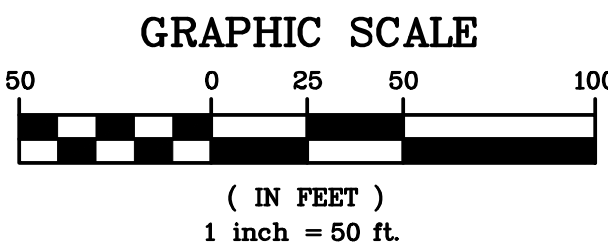
- PROPOSED PLANT MATERIALS SHALL BE FIELD LOCATED, AND THE CONTRACTOR SHALL PERFORM A ROUGH STAKEOUT OF PLANTINGS FOR REVIEW AND APPROVAL BY OWNER PRIOR TO PLANTING.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF PLANT MATERIALS AND SEEDING AREAS UNTIL FINAL ACCEPTANCE.

- A MINIMUM 1 YEAR GUARANTEE SHALL BE PROVIDED ON ALL PLANT MATERIALS FROM DATE OF FINAL ACCEPTANCE.



LOCATION MAP  
NOT TO SCALE



TREE PLANTING DETAIL  
N.T.S.

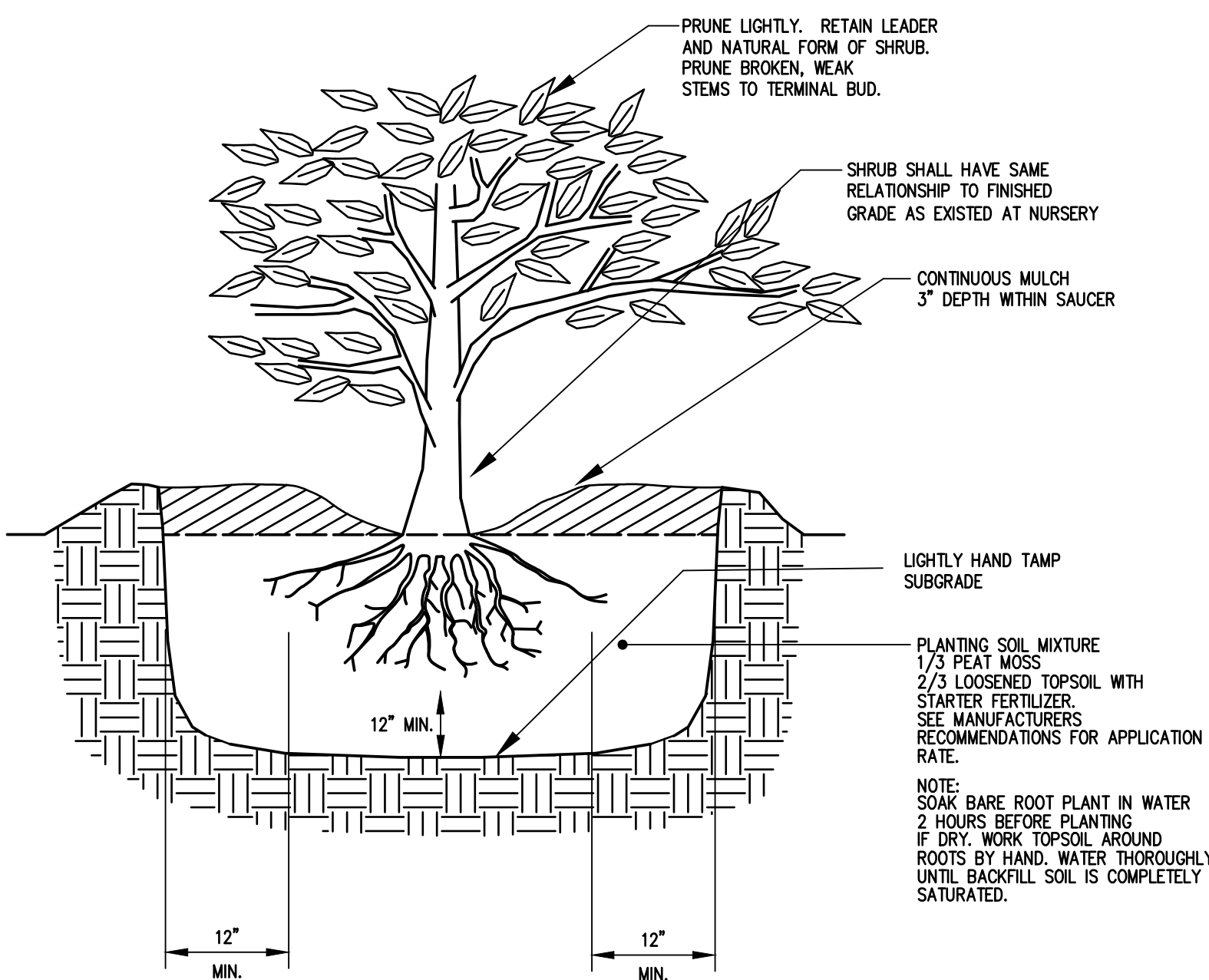
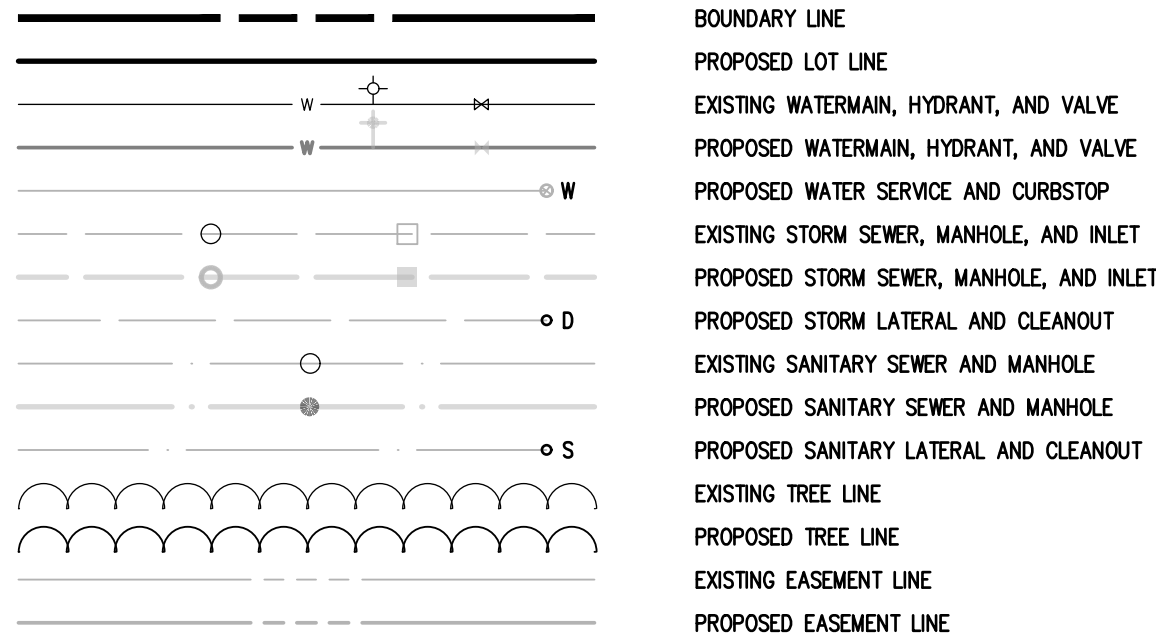
#### SITE PLANT MATERIALS LIST

QTY.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENTS
TREES						
7	AS	Acer saccharum	Sugar Maple	2\"-2.5 cal	B&B	
11	PC	Picea glauca 'Densata'	Black Hills Spruce	2\"-2.5 cal	B&B	
12	PS	Pinus strobus	White Pine	2\"-2.5 cal	B&B	
2	QB	Quercus bicolor	Swamp White Oak	2\"-2.5 cal	B&B	
8	QR	Quercus rubra	Red Oak	2\"-2.5 cal	B&B	
6	UA	Ulmus americana 'Valley Forge'	American Elm	2\"-2.5 cal	B&B	
SHRUBS						
6	CR	Cornus racemosa	Gray Dogwood	18"	BARE	
6	HV	Hamamelis virginiana	Witch Hazel	18"	BARE	
6	IV	Ilex verticillata	Winterberry	18"	BARE	

#### GROUNDCOVER SEEDING LEGEND

STORMWATER MANAGEMENT BIORETENTION AREA SEED MIX:  
'RAIN GARDEN MIX', ERNST CONSERVATION SEEDS, ERNMXX-180;  
SEEDING RATE: 20 LBS/AC OR ½ LB/1,000 SF.

#### LEGEND



BARE ROOT SHRUB PLANTING DETAIL  
N.T.S.

#### 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.

BY:	TOWN ASSESSOR	APPROVALS	DATE:
BY:	PLANNING BOARD CHAIRMAN		DATE:
BY:	COMMISSIONER OF PUBLIC WORKS		DATE:

**BME ASSOCIATES**  
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS  
10 LIFT BRIDGE LANE EAST  
FAIRPORT, NEW YORK 14450  
WWW.BMEPCOM  
585-377-7360



**BIRDSONG AT CONIFER COVE**  
TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE  
GROVE INSURANCE, LLC  
100 MONROE COURT  
ROCHESTER, NY 14620

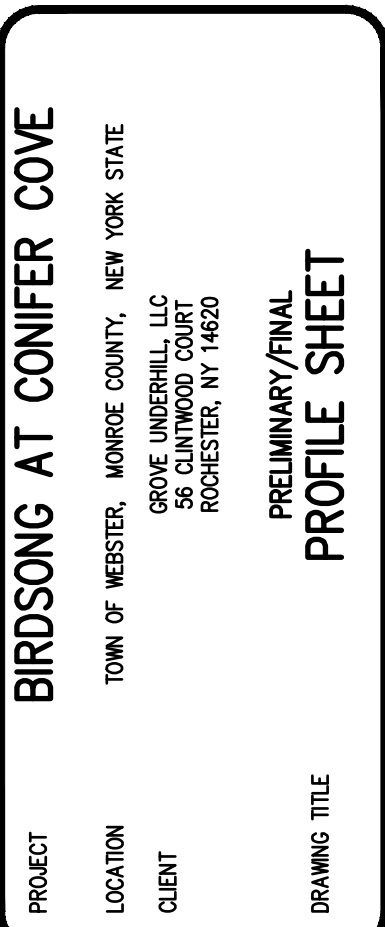
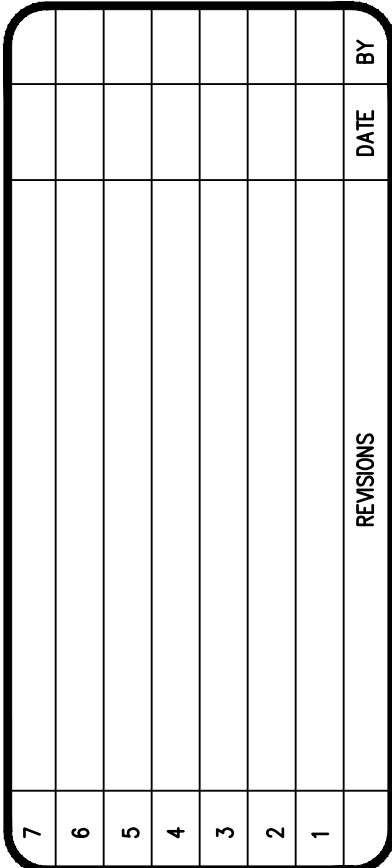
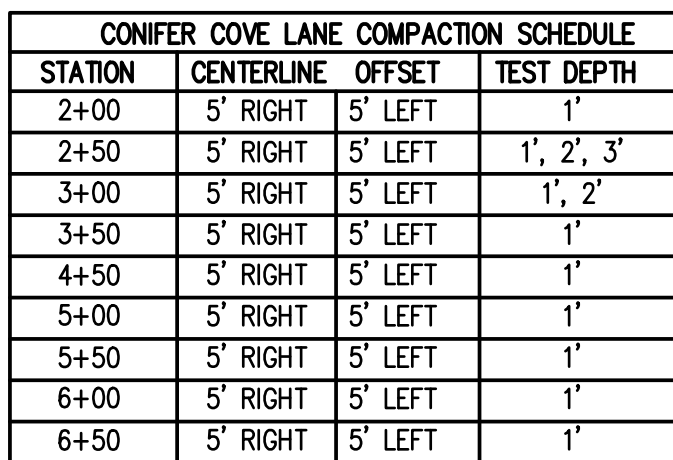
LANDSCAPE PLAN

PROJECT: LOCATION: CLIENT: DRAWING TITLE:

PROJECT MANAGER	DATE ISSUED
PROJECT ENGINEER	
DRAWN BY	
SCALE	1" = 50'
PROJECT NO.	2910

07



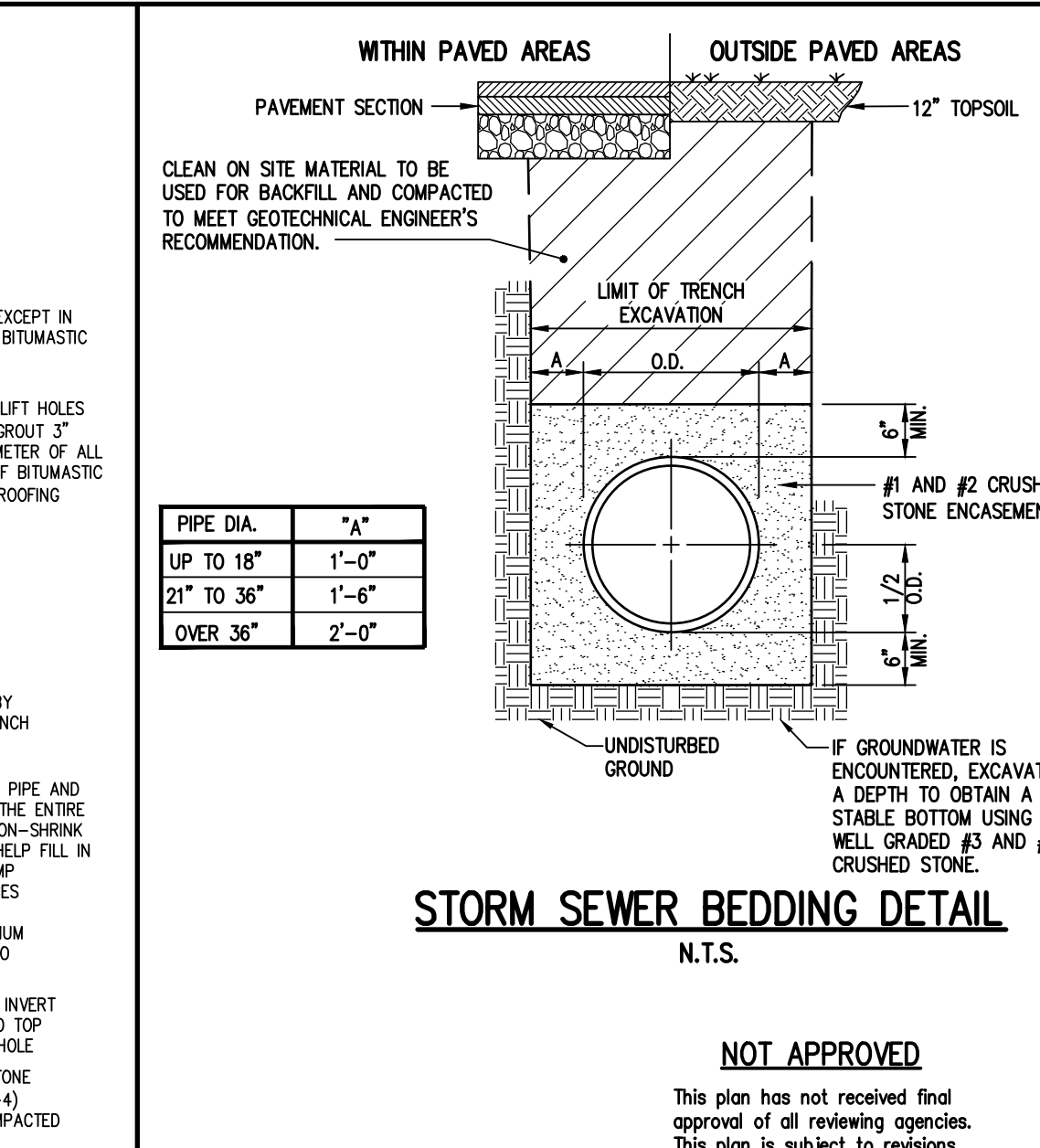
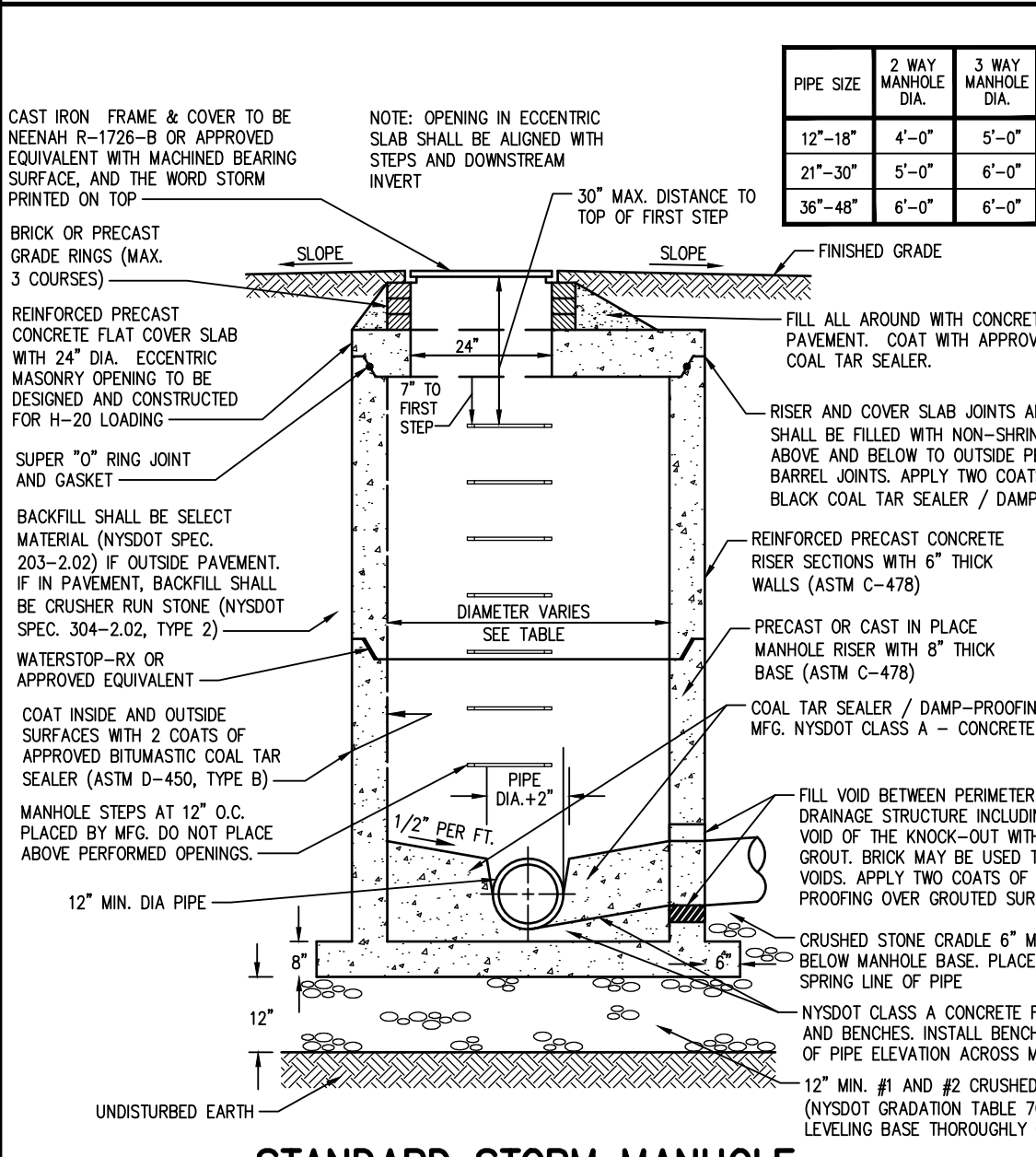
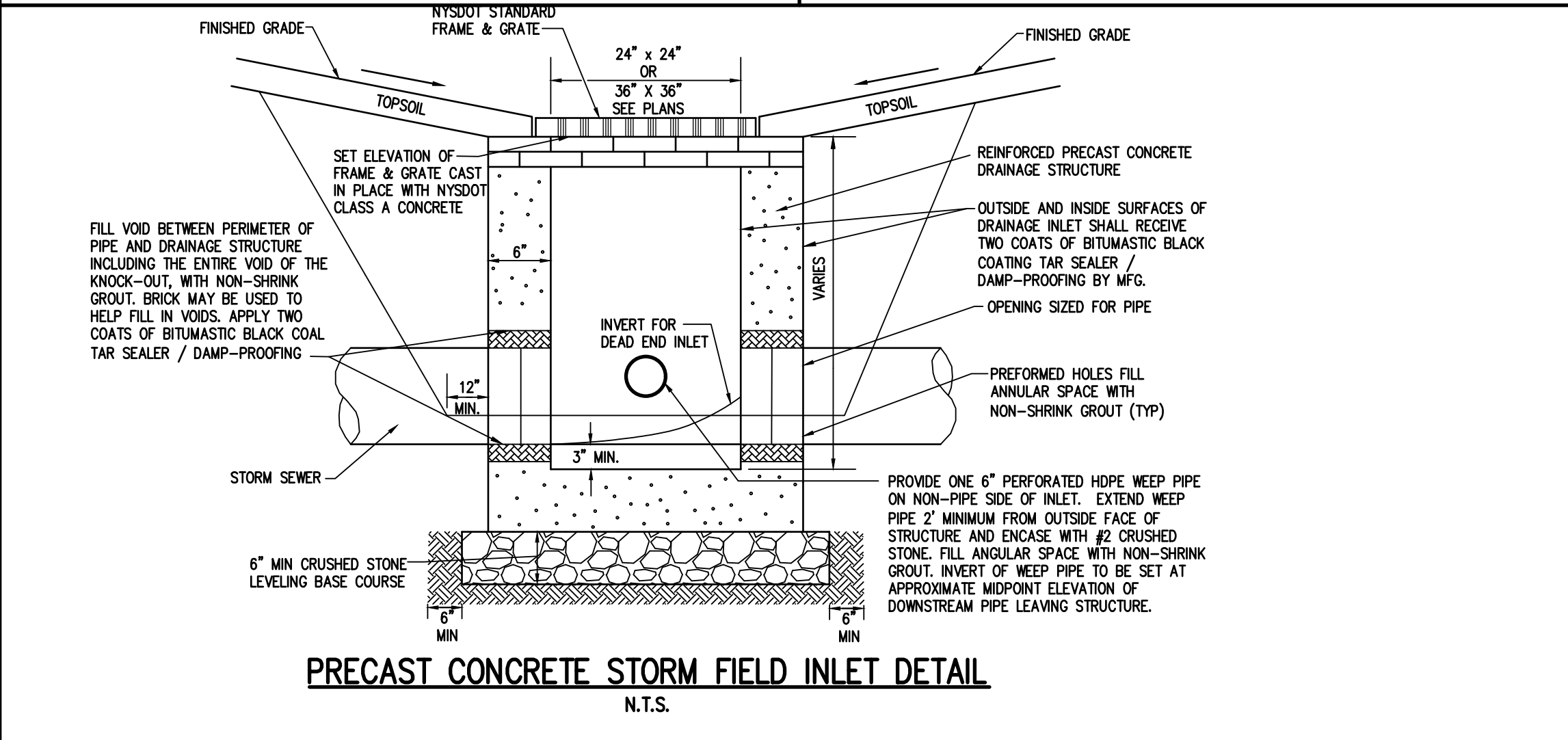
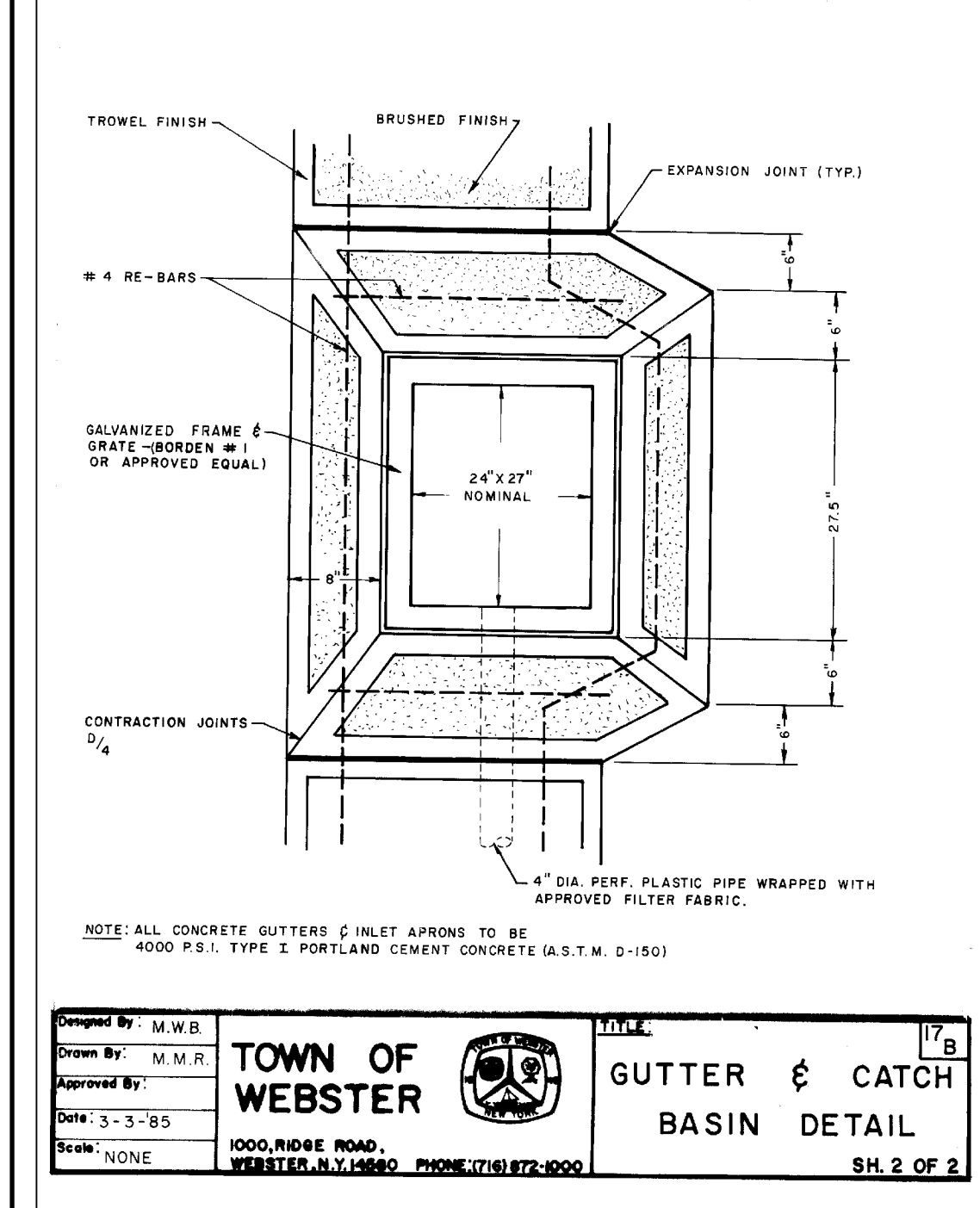
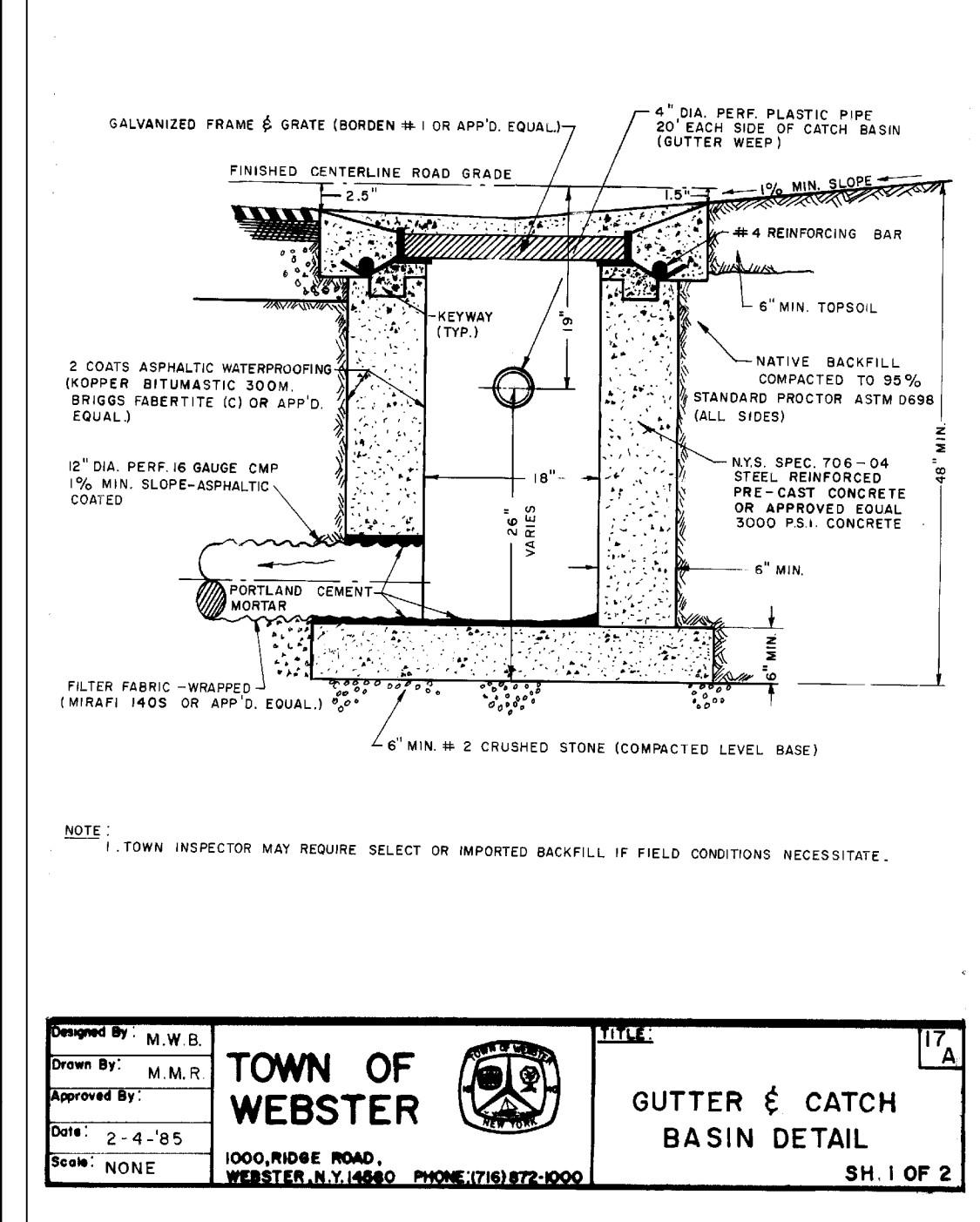
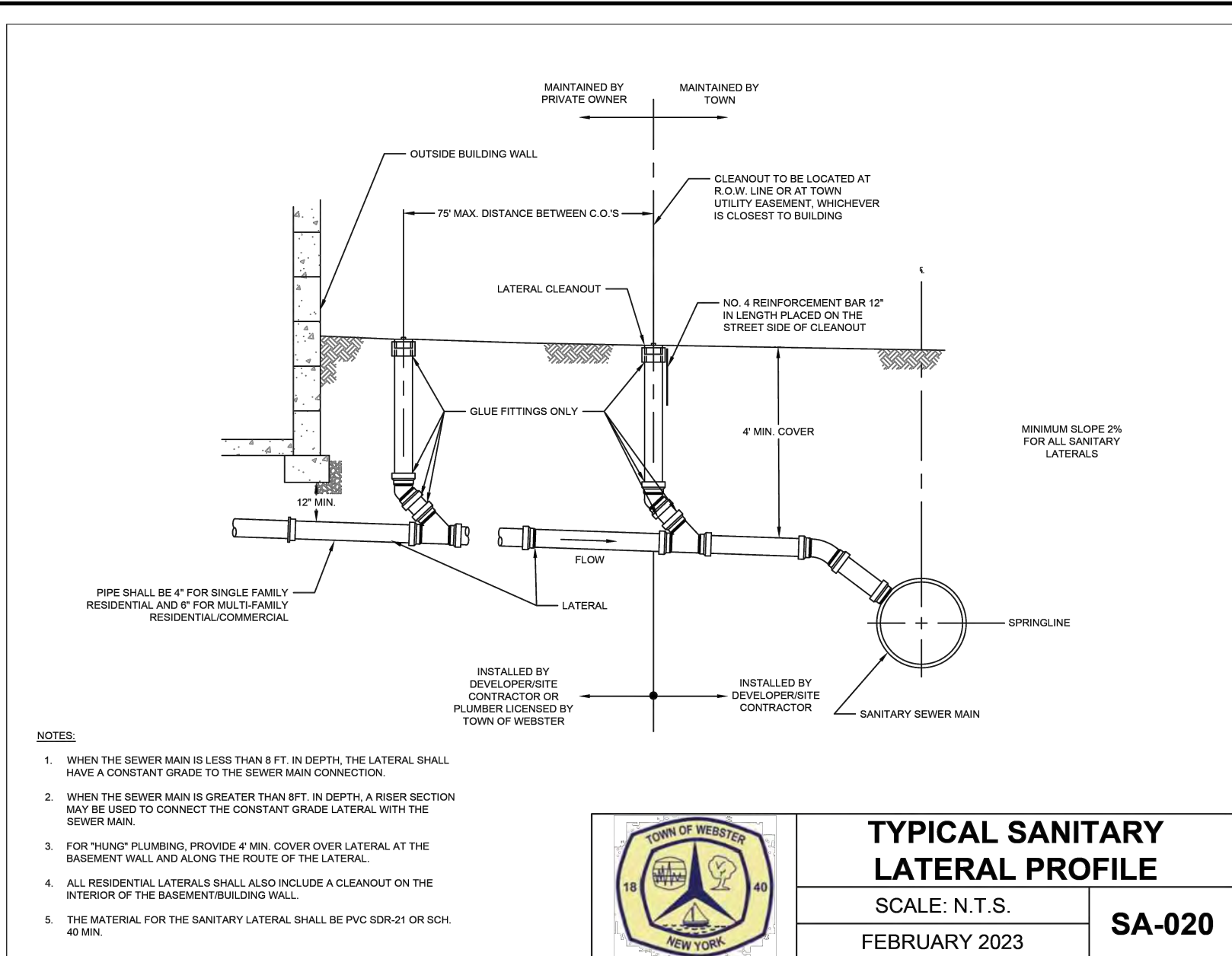
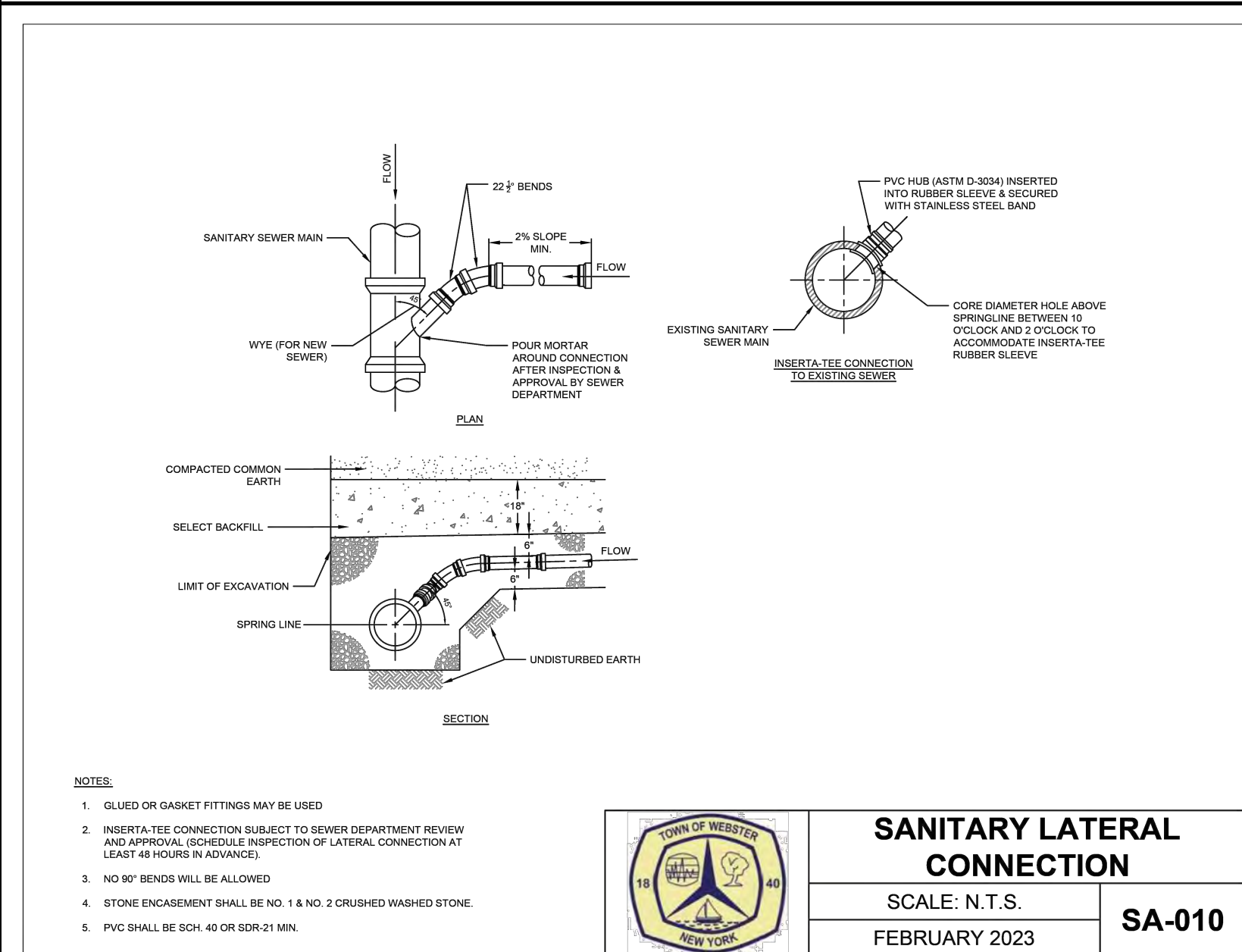
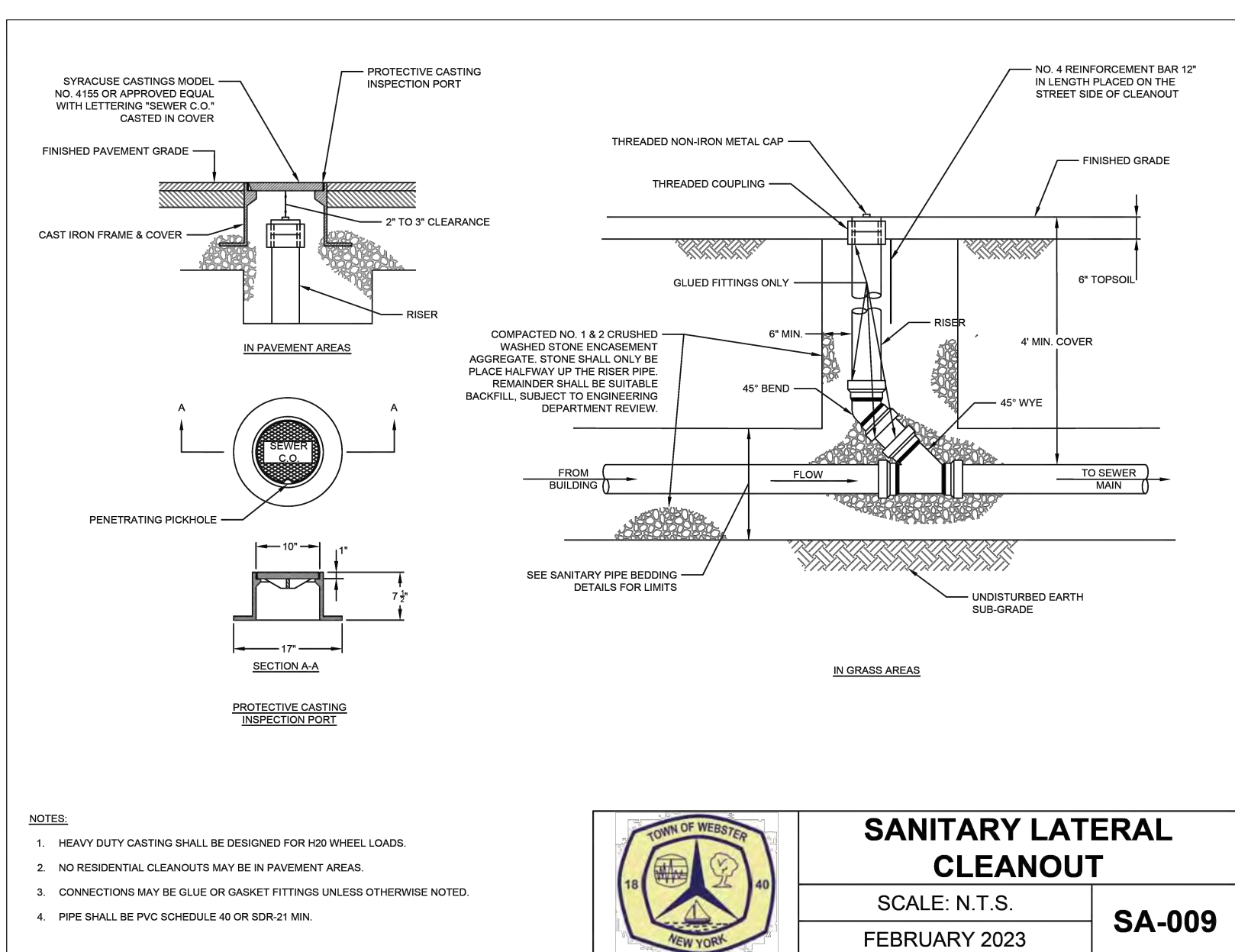
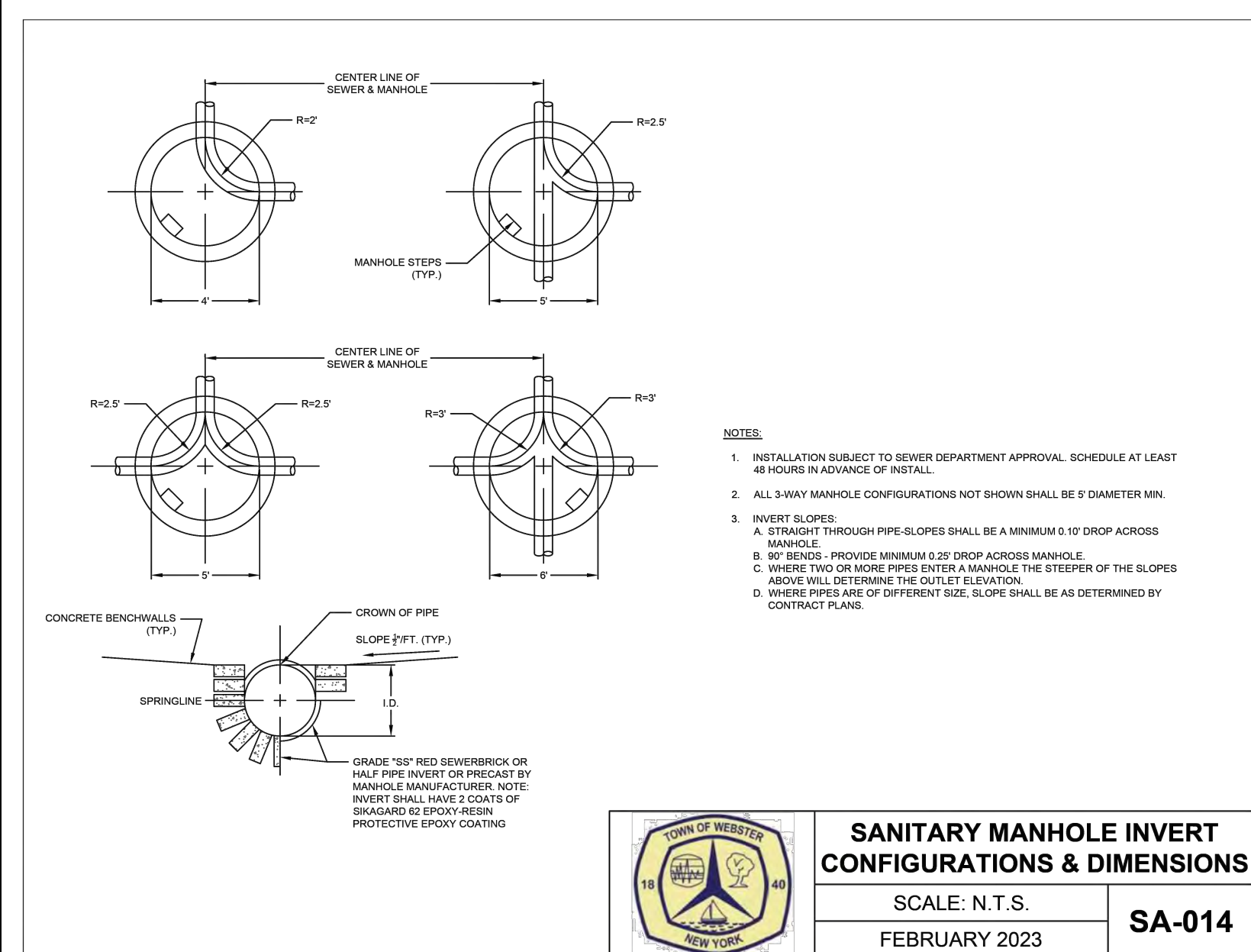
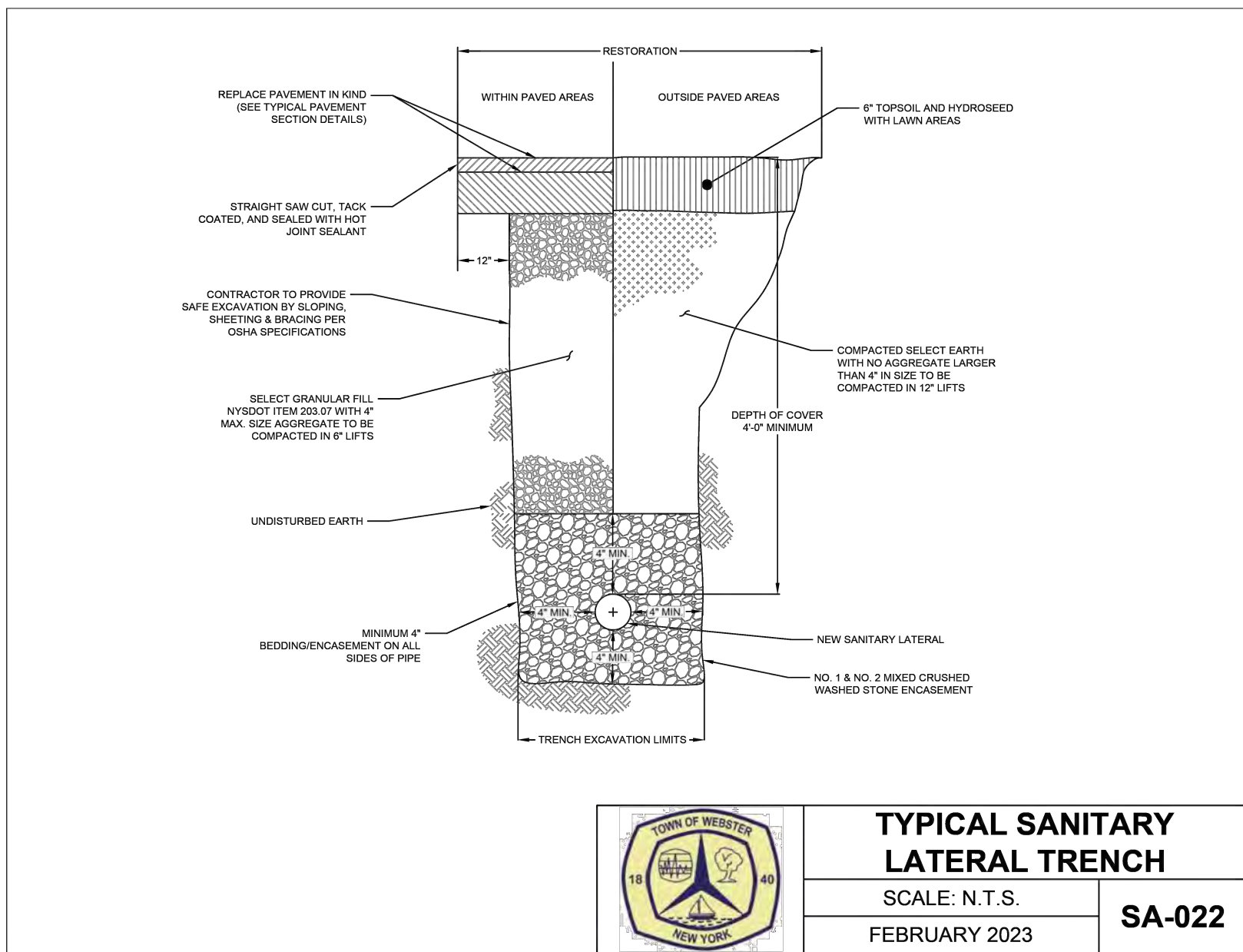
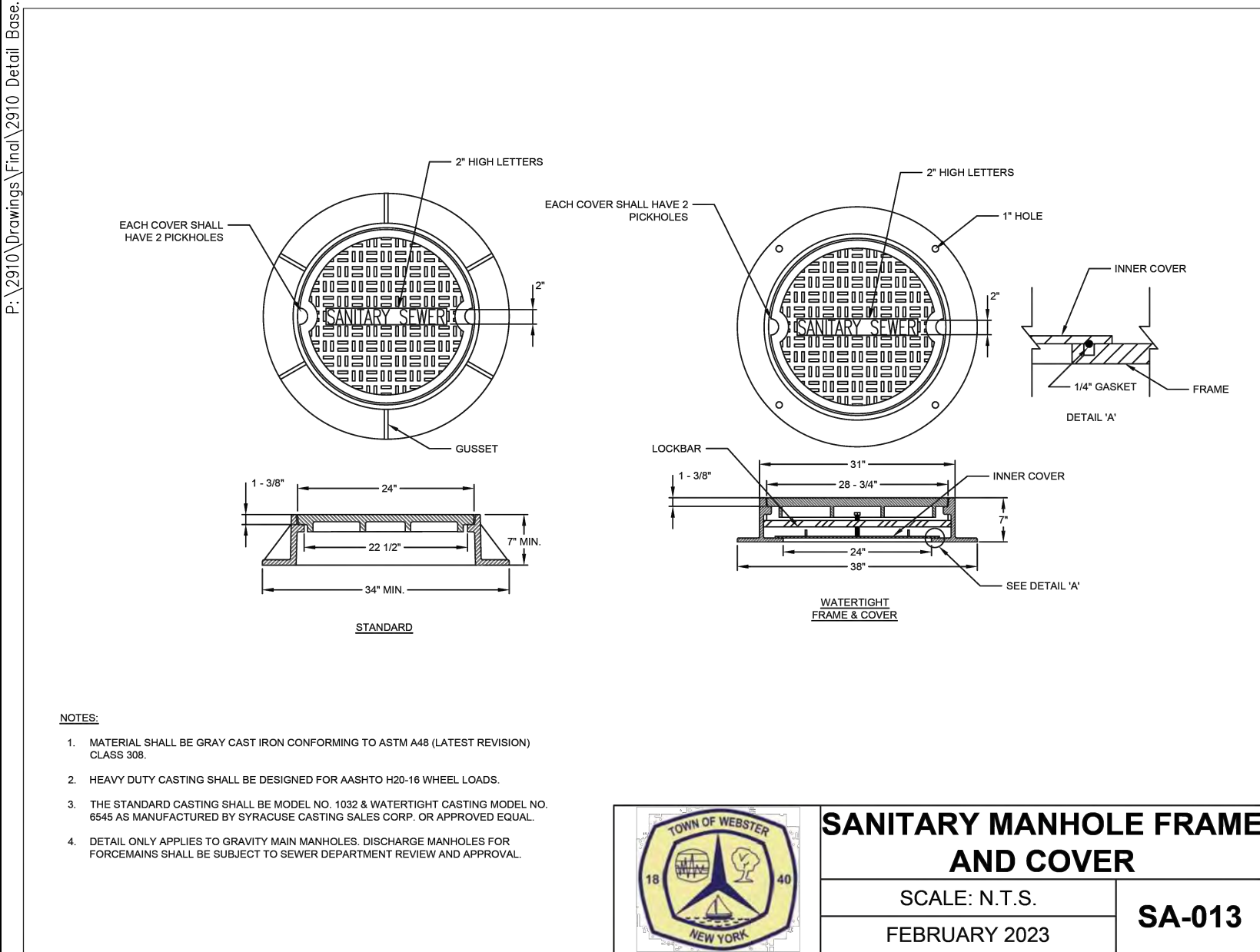


PROJECT MANAGER	
PG VARS	
PROJECT ENGINEER	
FA SHELLEY	
DRAWN BY	
AN D'ANGELO	
SCALE	DATE ISSUED
AS SHOWN	MAY 14, 2024
PROJECT NO.	
2910	
DRAWING NO.	
08	



PROJECT MANAGER	
G VARS	
PROJECT ENGINEER	
A SHELLEY	
DRAWN BY	
N D'ANGELO	
CALE	DATE ISSUED
I.T.S.	MAY 14, 2024
PROJECT NO.	
2910	
DRAWING NO.	
09	
(SHEET 1 OF 3)	

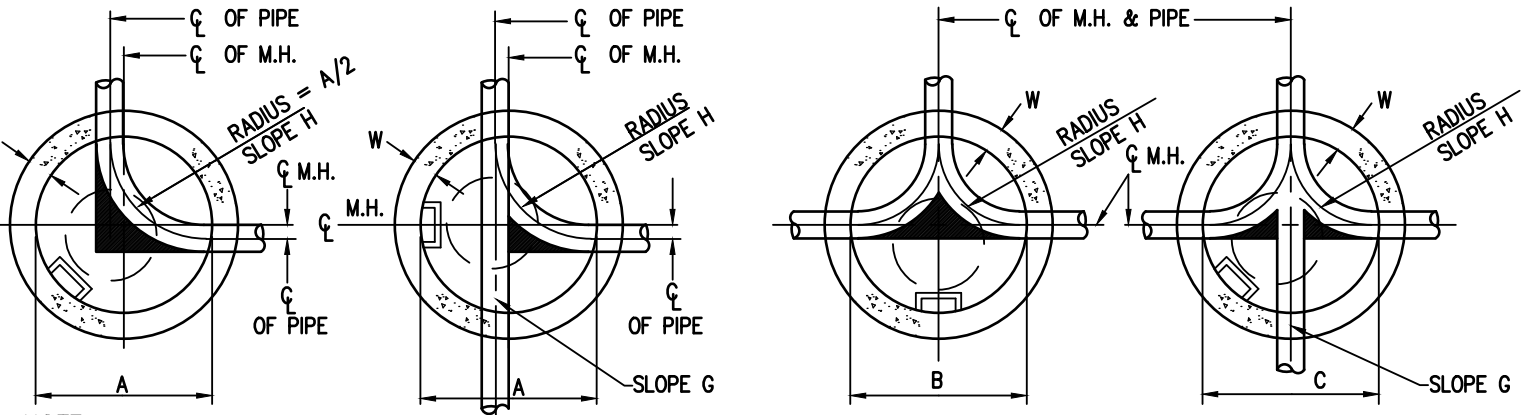




REVISIONS	DATE	BY
1		
2		
3		
4		
5		
6		



P:\2910 Drawings\Final\2910 Detail Base.dwg



NOTE:  
BENCH CUT DOWN TO  $\phi$  OF PIPE IN ALL SHADED AREAS.

SEWER PIPE DIA.	8"	10"	12"	15"	18"	21"	24"
MANHOLE DIA.	A	4'-0"	4'-0"	5'-0"	5'-0"	6'-0"	6'-0"
	B	5'-0"	5'-0"	5'-0"	5'-0"	6'-0"	6'-0"
	C	5'-0"	5'-0"	5'-0"	6'-0"	6'-0"	6'-0"
INVERT	G	0.1'	0.1'	0.1'	0.05'		
DIFF.	H	0.3'	0.3'	0.2'			

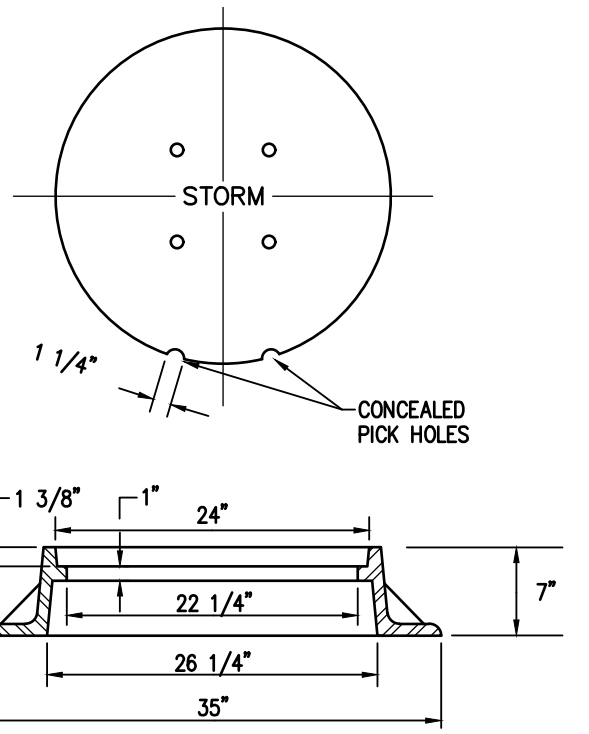
NOTE:  
WHERE INLET AND OUTLET PIPES ARE OF DIFFERENT DIAMETERS THE SLOPE MUST NOT BE LESS THAN THE DIFFERENCE IN DIAMETER, 0.5' MAX.

ALL SANITARY INVERTS SHALL BE PERPENDICULAR TO THE MANHOLE WALL FOR A MINIMUM DISTANCE OF 10' PRIOR TO STARTING RADII.

### STORM SEWER MANHOLE DETAIL

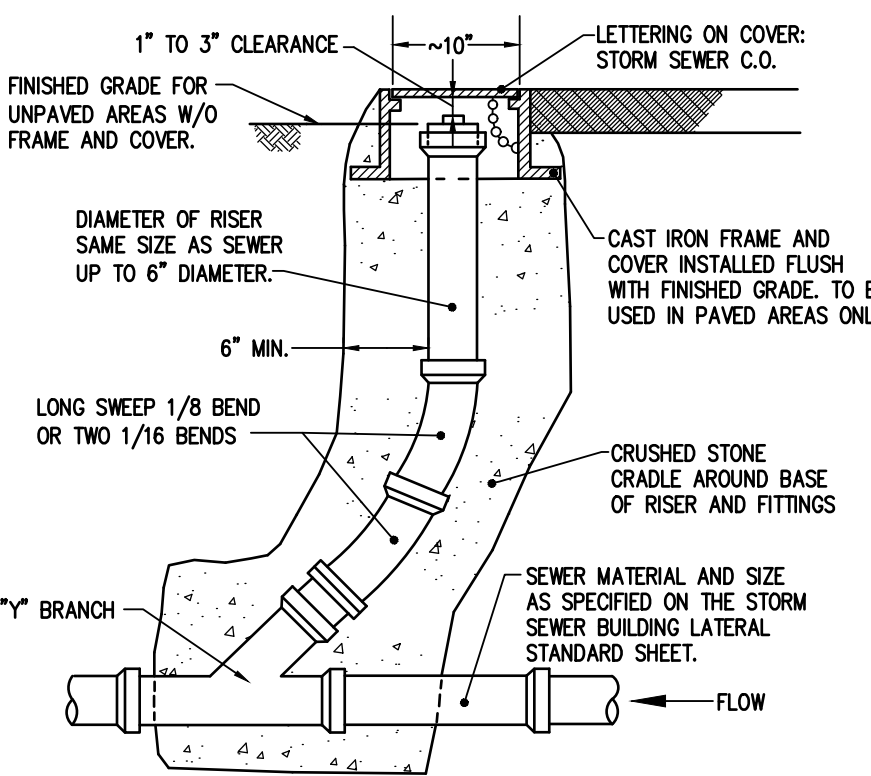
N.T.S.

>24" SHOP DRAWING REQUIRED



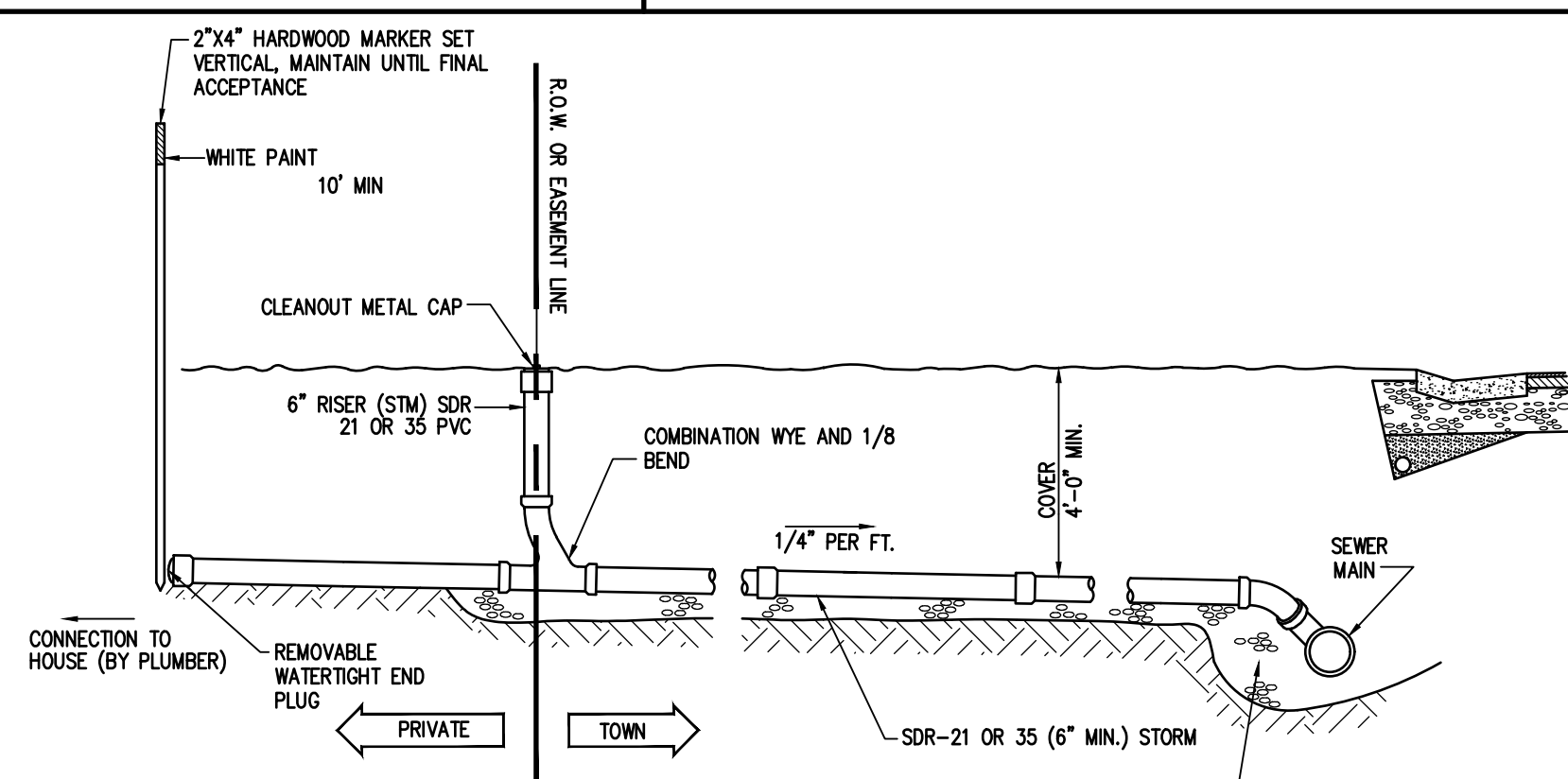
### STORM SEWER STANDARD MANHOLE FRAME AND COVER

N.T.S.



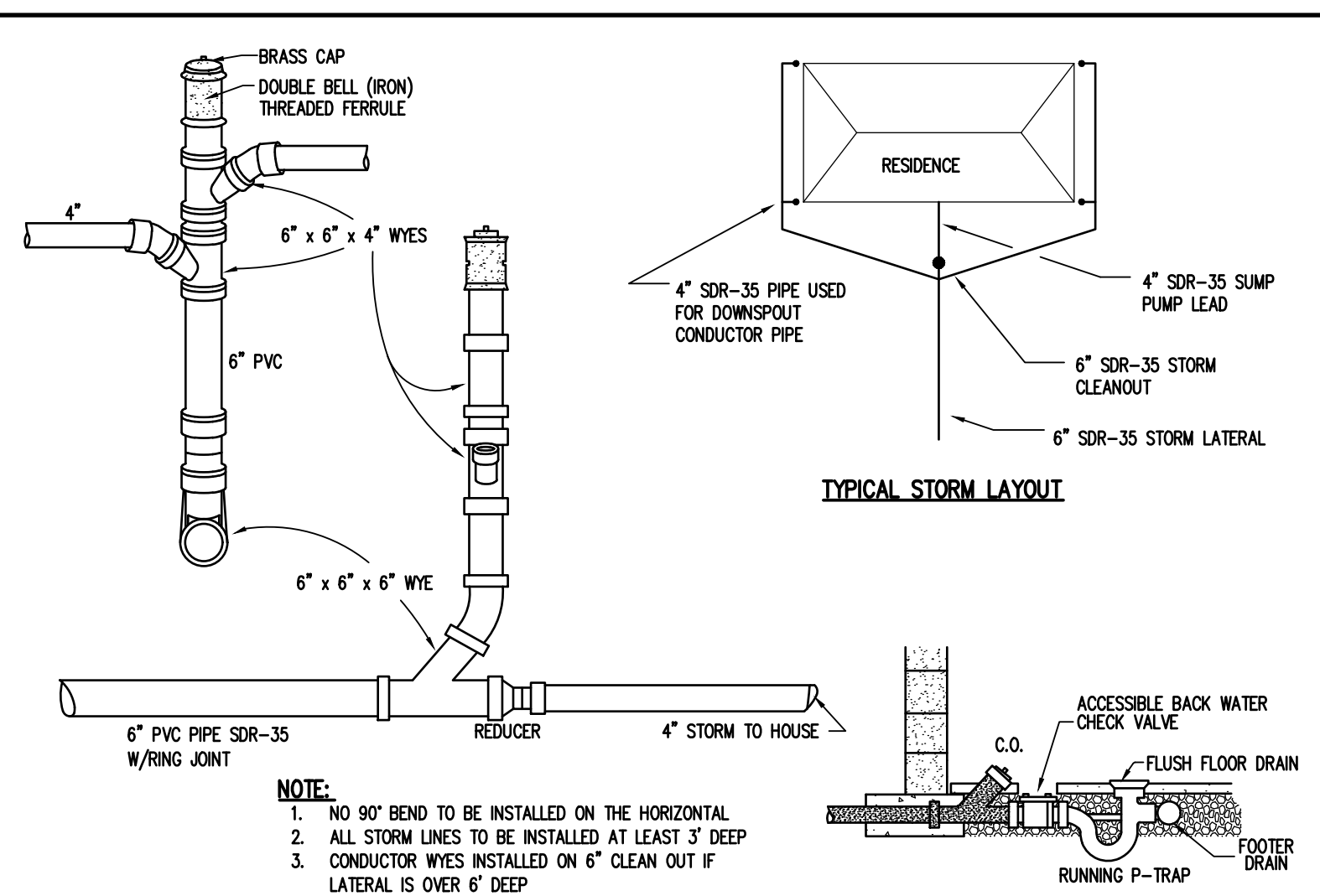
### STORM SEWER CLEANOUT

N.T.S.



### TYPICAL STORM SEWER BUILDING LATERAL

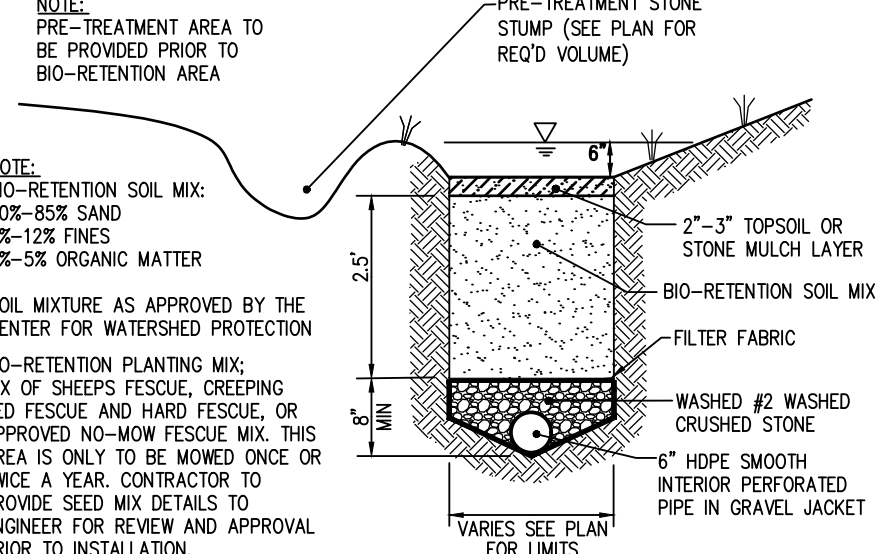
N.T.S.



### DOWNSPOUT CONDUCTOR DETAIL

N.T.S.

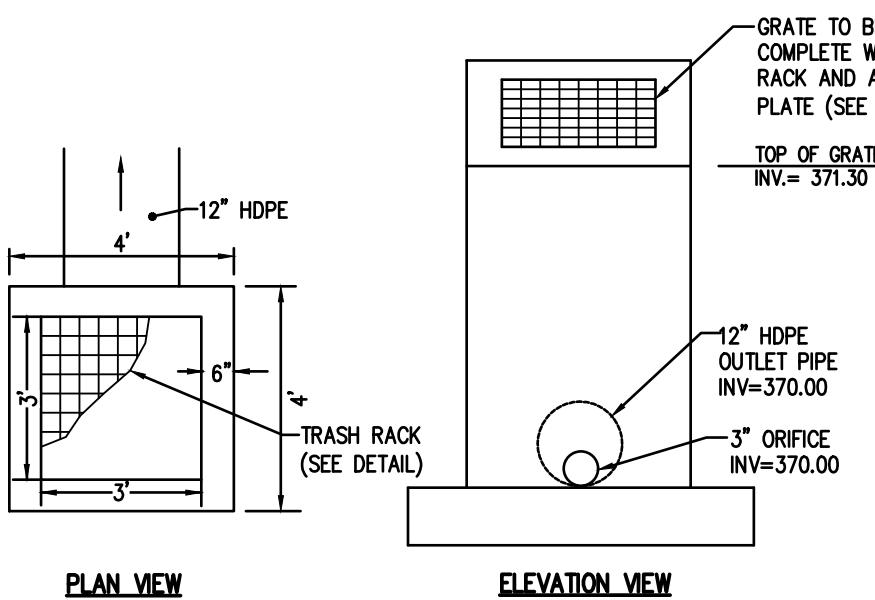
- NOTE:
- NO 90° BEND TO BE INSTALLED ON THE HORIZONTAL
  - ALL STORM LINES TO BE INSTALLED AT LEAST 3' DEEP
  - CONDUCTOR WYES INSTALLED ON 6" CLEAN OUT IF LATERAL IS OVER 6" DEEP



### BIO-RETENTION AREA WITH PRE-TREATMENT SUMP

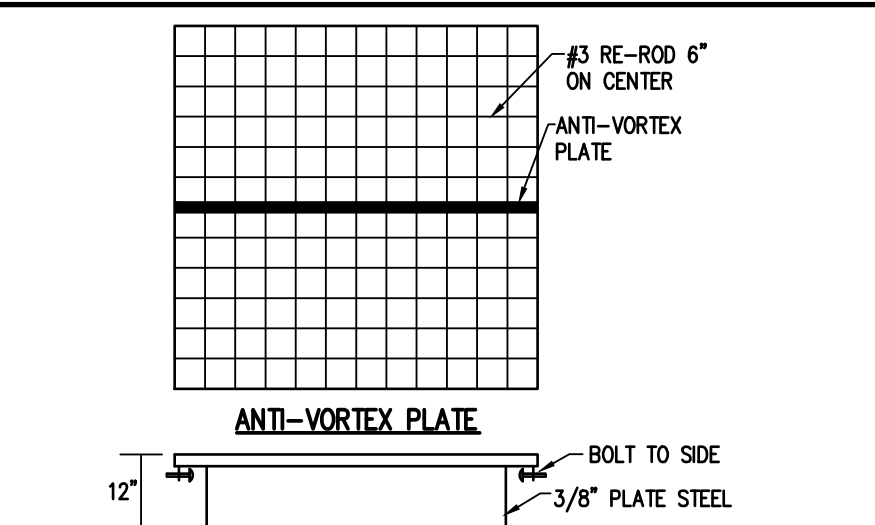
N.T.S.

NOTE:  
BIO-RETENTION SOIL MIX:  
80%-85% SAND  
8%-12% FINES  
3%-5% ORGANIC MATTER  
SOIL MIXTURE AS APPROVED BY THE CENTER FOR WATERSHED PROTECTION  
BIO-RETENTION PLANTING MIX:  
MIX OF SHEEPS FESCUE, CREEPING RED FESCUE AND HARD FESCUE, OR APPROVED NO-MOW FESCUE MIX. THIS AREA IS ONLY TO BE MOWED ONCE OR TWICE A YEAR. CONTRACTOR TO PROVIDE SEED MIX DETAILS TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.



### STORMWATER DRY POND OUTLET CONTROL STRUCTURE DETAIL

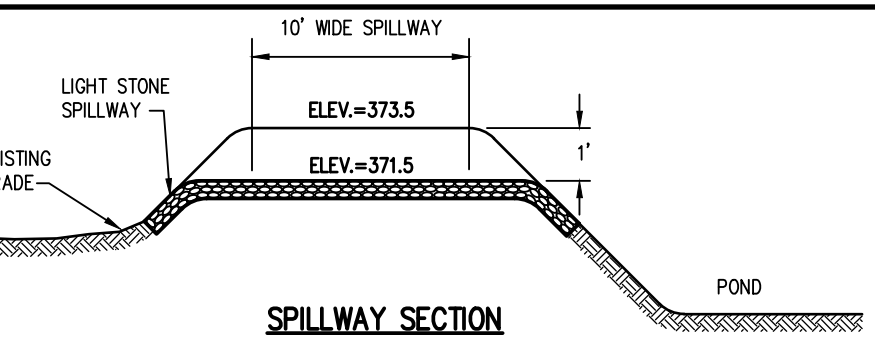
N.T.S.



### SQUARE TRASH RACK DETAIL

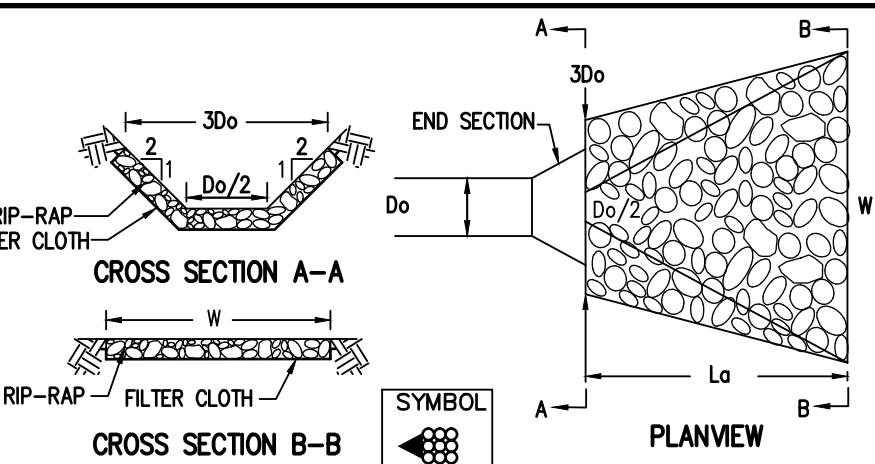
N.T.S.

- NOTE:
- DEVELOPERS CAN PREPARE ALTERNATE TRASH RACK DESIGNS. (MANUFACTURED GRATES, ETC.)



### RIP RAP SPILLWAY DETAIL (SWMF 'A')

N.T.S.

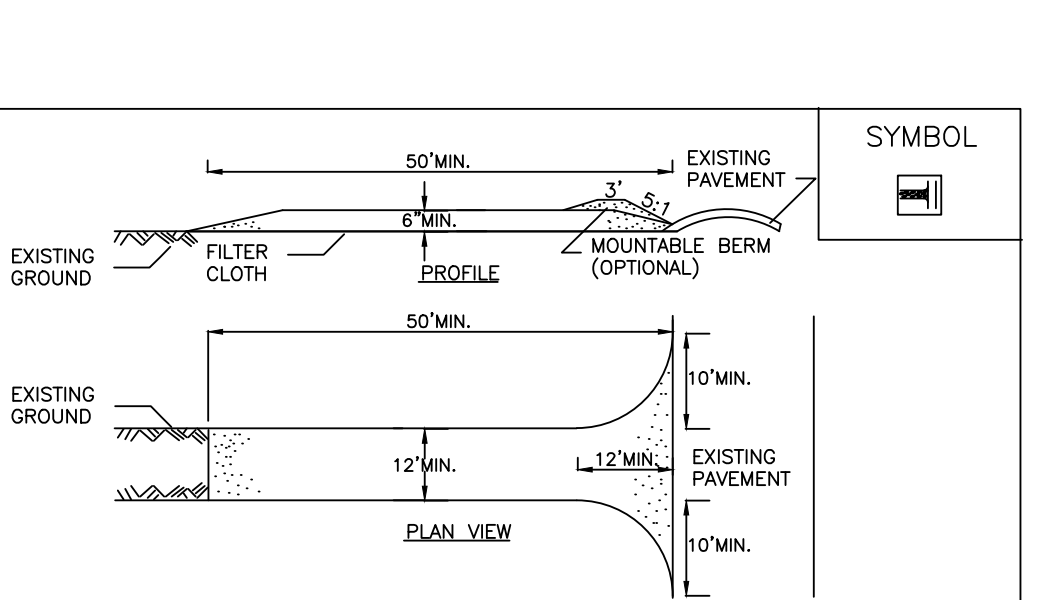


### RIP-RAP OUTLET DIMENSIONS

DESIGNATION	DIA. OF PIPE Do	30o	La	W
D	12"	3'	6'	7'
D-1.1	18"	4.5'	8'	9.5'
DA	12"	3'	6'	7'
DB	12"	3'	6'	7'

### RIP-RAP OUTLET PROTECTION DETAIL TYPICAL

N.T.S.

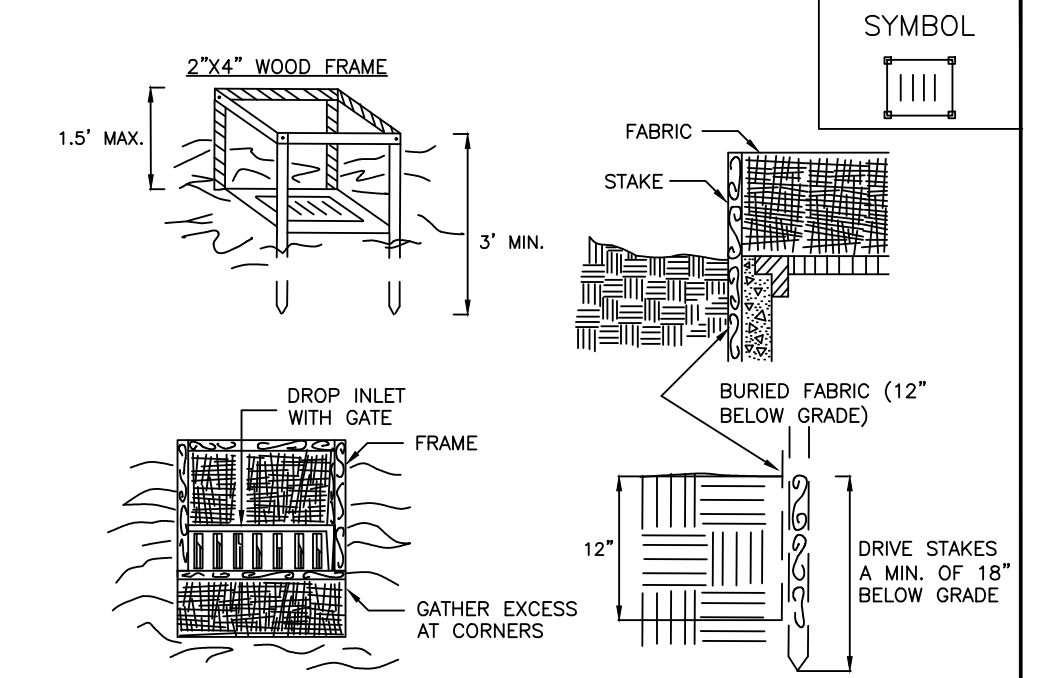


### CONSTRUCTION SPECIFICATIONS

- 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 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- 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.
- 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 PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING 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 WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 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

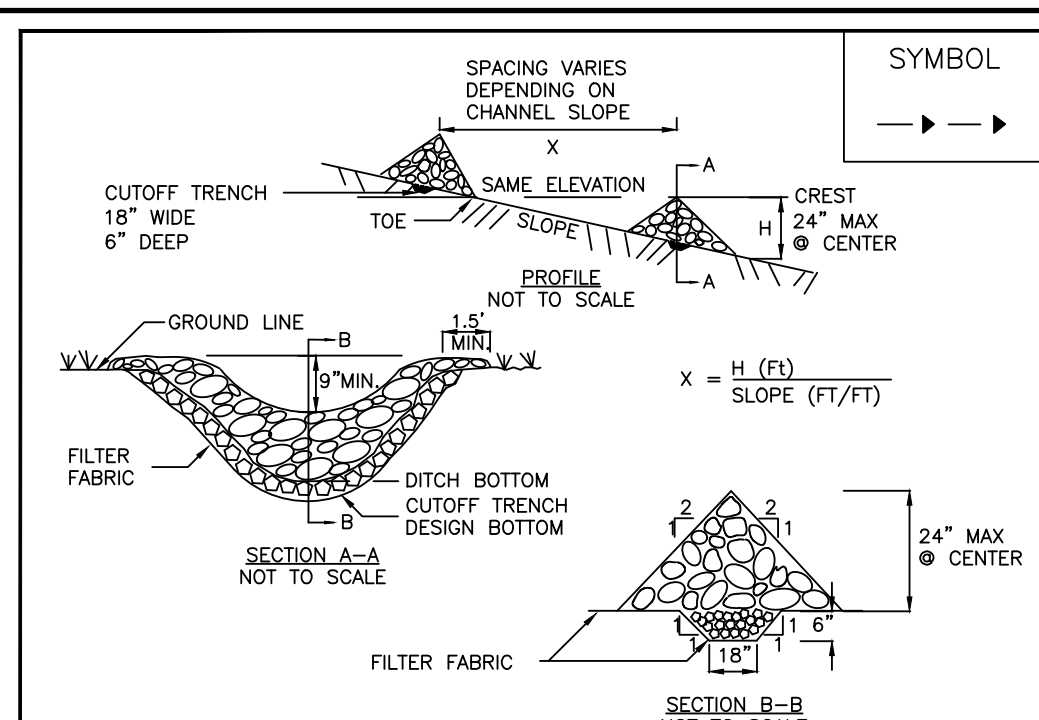


### CONSTRUCTION SPECIFICATIONS

- FABRIC SHALL HAVE AN EOS 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 MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
- SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPACES GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
- FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT 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.

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

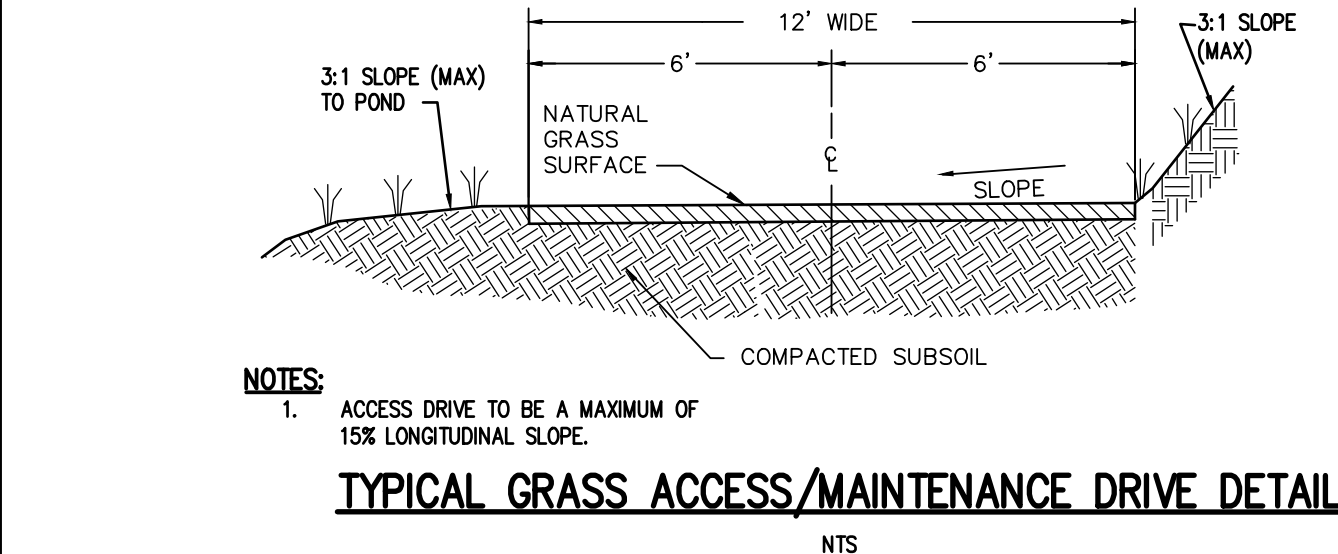


### CONSTRUCTION SPECIFICATIONS

- 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 ASSUME 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 DRAINAGE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPEARANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.

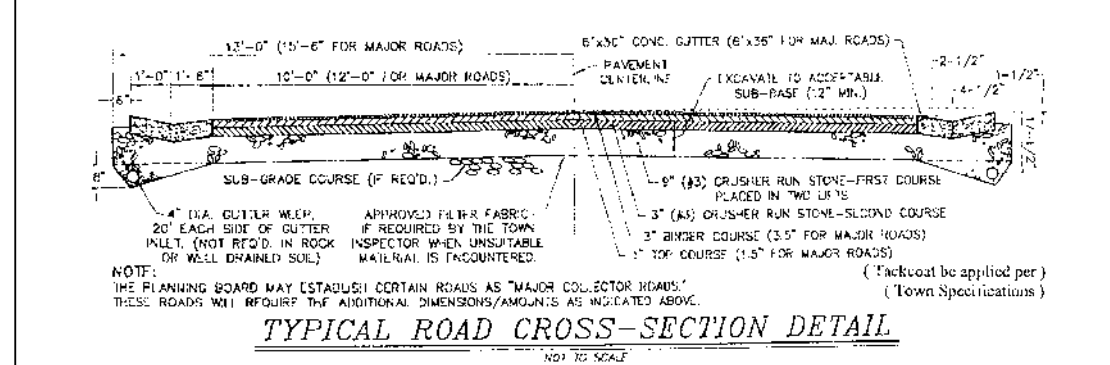
ADAPTED FROM DETAILS PROVIDED BY: USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE.

### STONE CHECK DAM



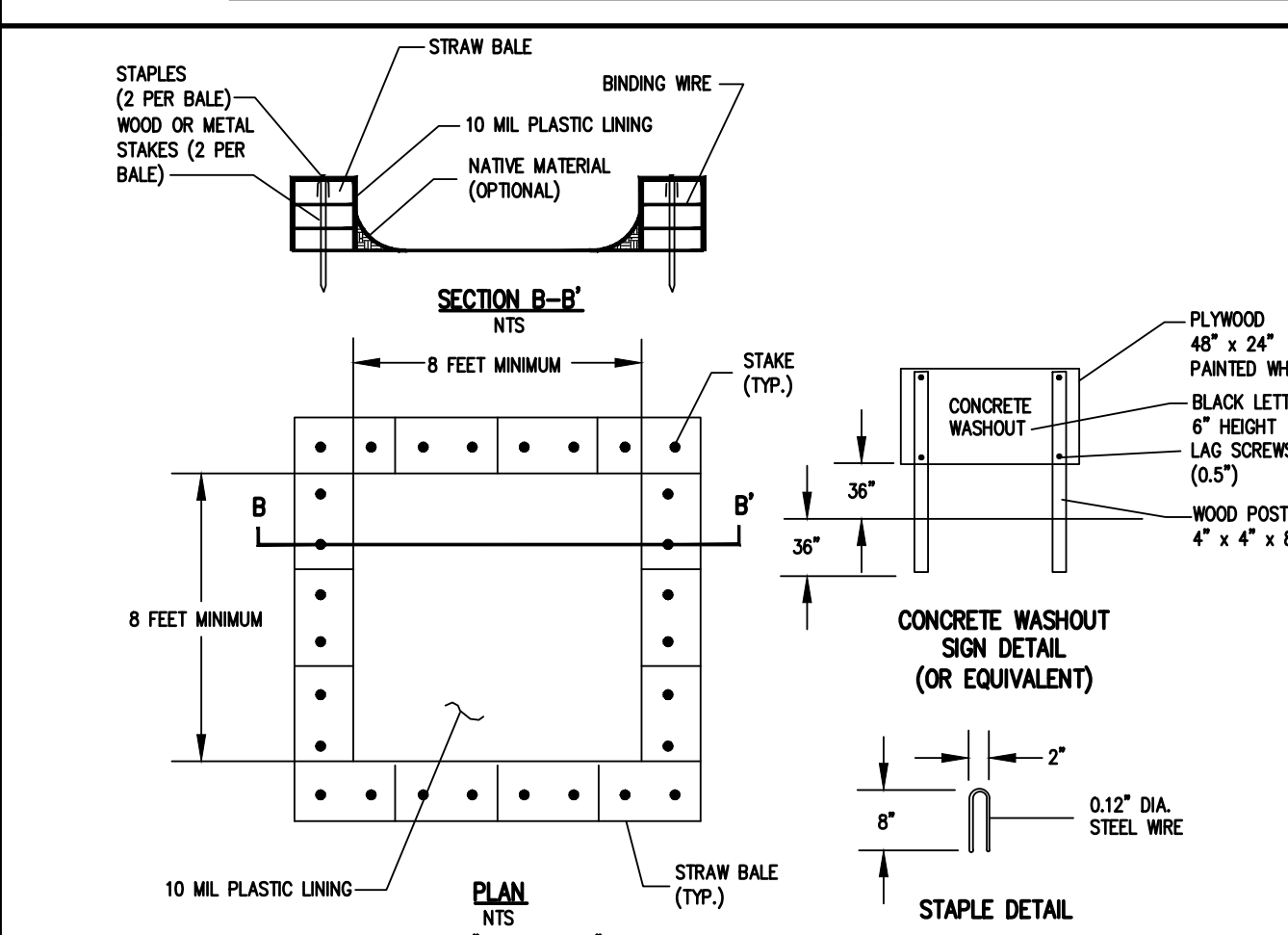
### TYPICAL GRASS ACCESS/MAINTENANCE DRIVE DETAIL

N.T.S.



### TYPICAL ROAD CROSS-SECTION DETAIL

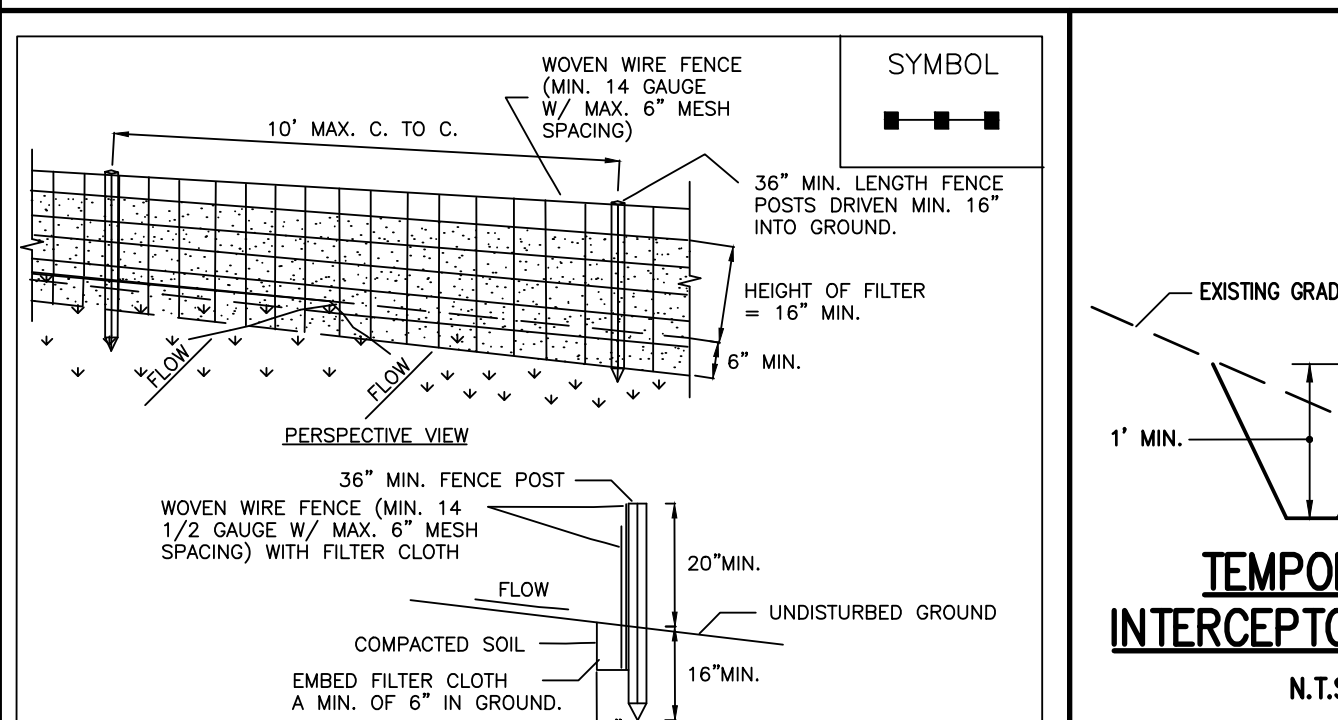
N.T.S.



- NOTES:
- ACTUAL LAYOUT DETERMINED IN THE FIELD. LOCATE THE FACILITY A MINIMUM OF 100 FEET FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS AND OTHER SURFACE WATERS.
  - THE MINIMUM SIZE SHALL BE 8 FEET BY 8 FEET AT THE BOTTOM AND 2 FEET DEEP. IF EXCAVATED, THE SIDE SLOPES SHALL BE 2 HORIZONTAL TO 1 VERTICAL.
  - WASHOUT STATION SHOULD BE CLEANED WHEN CONCRETE ACCUMULATES TO 75% OF THE STORAGE VOLUME. ANY EXCESS WASH WATER SHALL BE PUMPED INTO A CONTAINMENT VESSEL AND PROPERLY DISPOSED OF OFF SITE.
  - THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
  - THE PLASTIC LINER SHALL BE REPLACED WHENEVER THE LINER IS TORN, PUNCTURED, OR THE WASHOUT IS EMPTIED.

### CONCRETE WASHOUT DETAIL

N.T.S.



### TEMPORARY INTERCEPTOR SWALE

N.T.S.

- 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.
  - FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
  - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA 1140N, OR APPROVED EQUIVALENT.
  - PREFABRICATED UNITS SHALL BE GEOTAF, ENVIROFENCE, OR APPROVED EQUIVALENT.
  - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

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

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 145 Section 7209 and applies to this drawing:  
"It is a violation of this law for any person, unless he is acting under the direction of a licensed professional engineer or land surveyor to alter any item in any way if on item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item his seal and the notation 'altered by' followed by his signature and the date of such alteration, and a specific description of the alteration."

REVISIONS	DATE	BY
1		
2		
3		
4		
5		
6		

**BME ASSOCIATES**  
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS  
10 LIFT BRIDGE LANE EAST  
ROCHESTER, N.Y. 14620  
PHONE 585-377-7360  
FAX 585-377-7309  
WWW.BME-INC.COM



**BIRDSONG AT CONIFER COVE**  
TOWN OF WEBSTER, MONROE COUNTY, NEW YORK STATE  
GROVE INDUSTRIES, LLC  
500 MONROE COURT  
ROCHESTER, NY 14620  
PRELIMINARY/FINAL  
DETAIL SHEET

PROJECT LOCATION CLIENT DRAWING TITLE

PROJECT MANAGER  
PG VARS  
PROJECT ENGINEER  
FA SHELLEY  
DRAWN BY  
AN D'ANGELO  
SCALE  
DATE ISSUED  
MAY 14, 2024  
PROJECT NO.  
2910  
DRAWING NO.  
11  
(SHEET 3 OF 3)