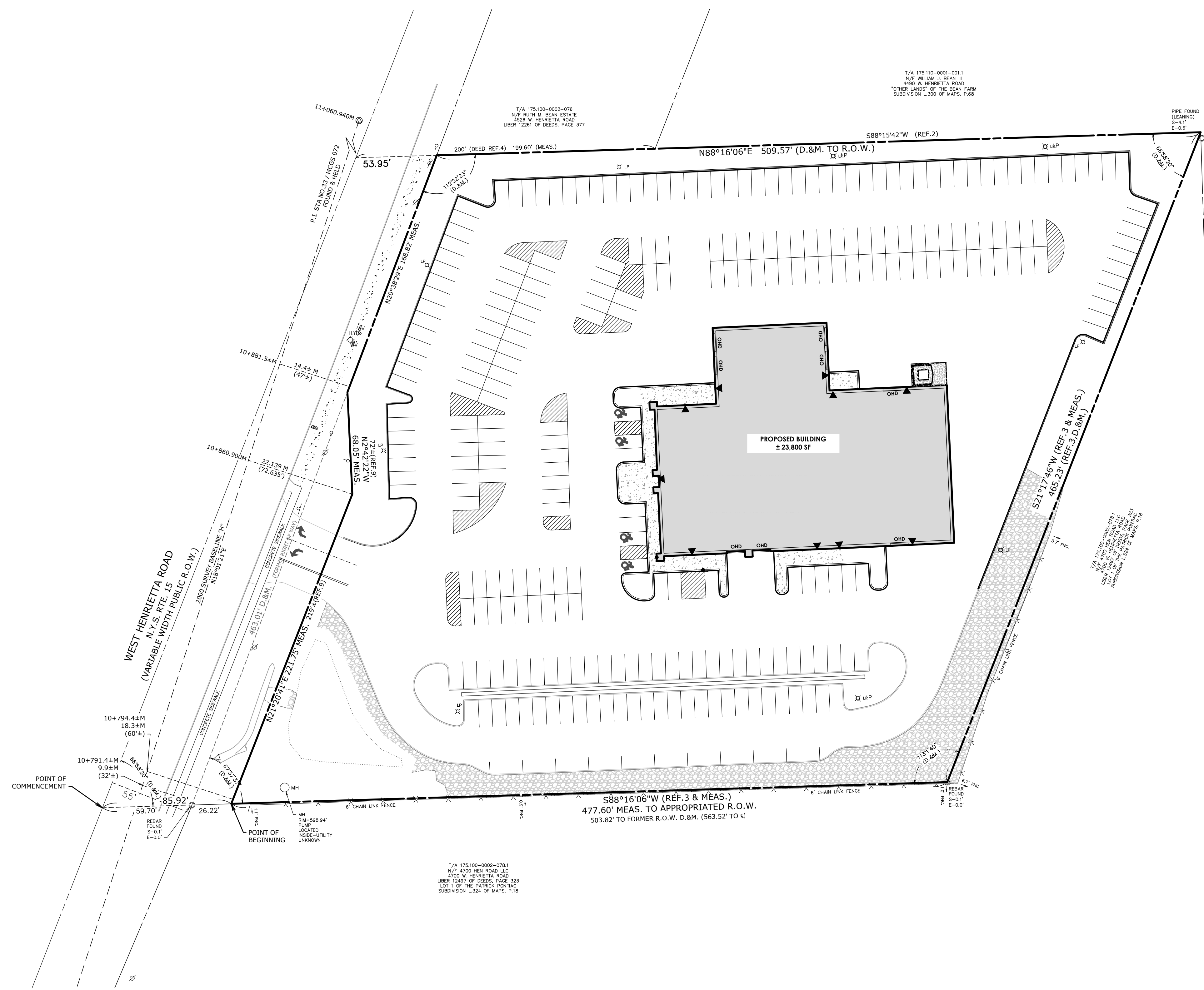
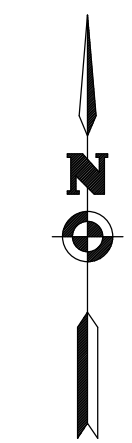
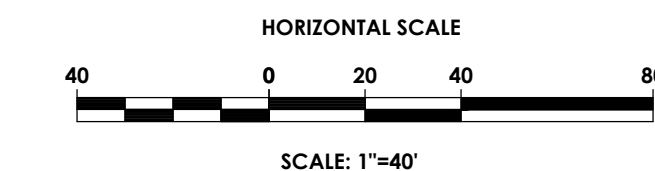


# SITE DEVELOPMENT PLANS FOR

## 4600 WEST HENRIETTA ROAD

### TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK

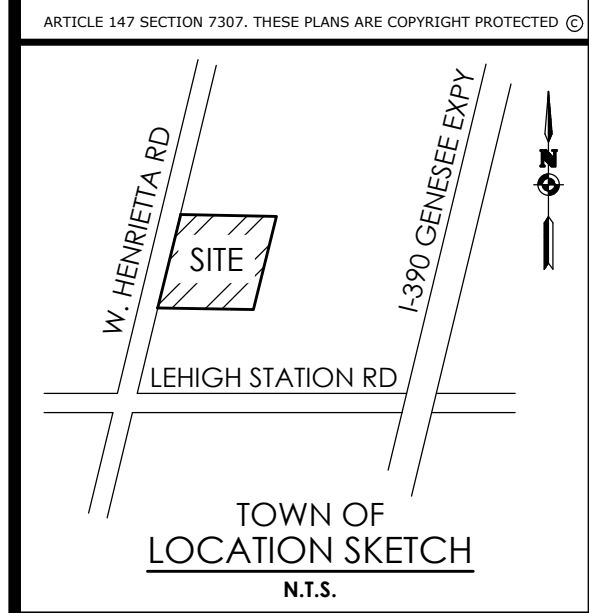
#### P.N. 20213238.0005



**DRAWING INDEX**

- C 101 COVER
- C 102 SITE PLAN
- C 103 EXISTING CONDITIONS & DEMOLITION PLAN
- C 104 UTILITY PLAN
- C 105 GRADING & EROSION CONTROL PLAN
- C 106 LANDSCAPING & LIGHTING PLAN
- C 201 NOTES & DETAILS

- 204



Client:  
 4700 WEST HENRIETTA ROAD LLC  
 7487 FOURTH SECTION RD  
 BROCKPORT, NY 14420

**PASSERO ASSOCIATES**  
 242 West Main Street Suite 100  
 Rochester, New York 14614  
 Principal-in-Charge: David Cox, P.E.  
 Project Manager: Joshua Saxton, E.I.T.  
 Designed by: James Ritzenthaler, E.I.T.



**Revisions**

No.	Date	By	Description
1			

**COVER**

4600 WEST HENRIETTA RD.

Town/City: HENRIETTA  
 County: MONROE State: NEW YORK

Project No.  
**20213238.0005**

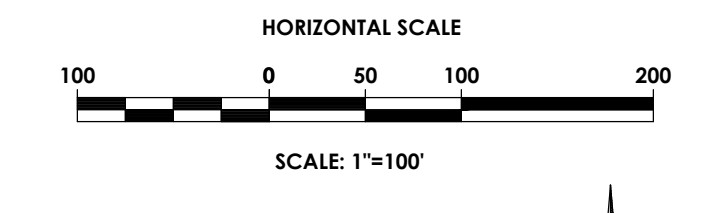
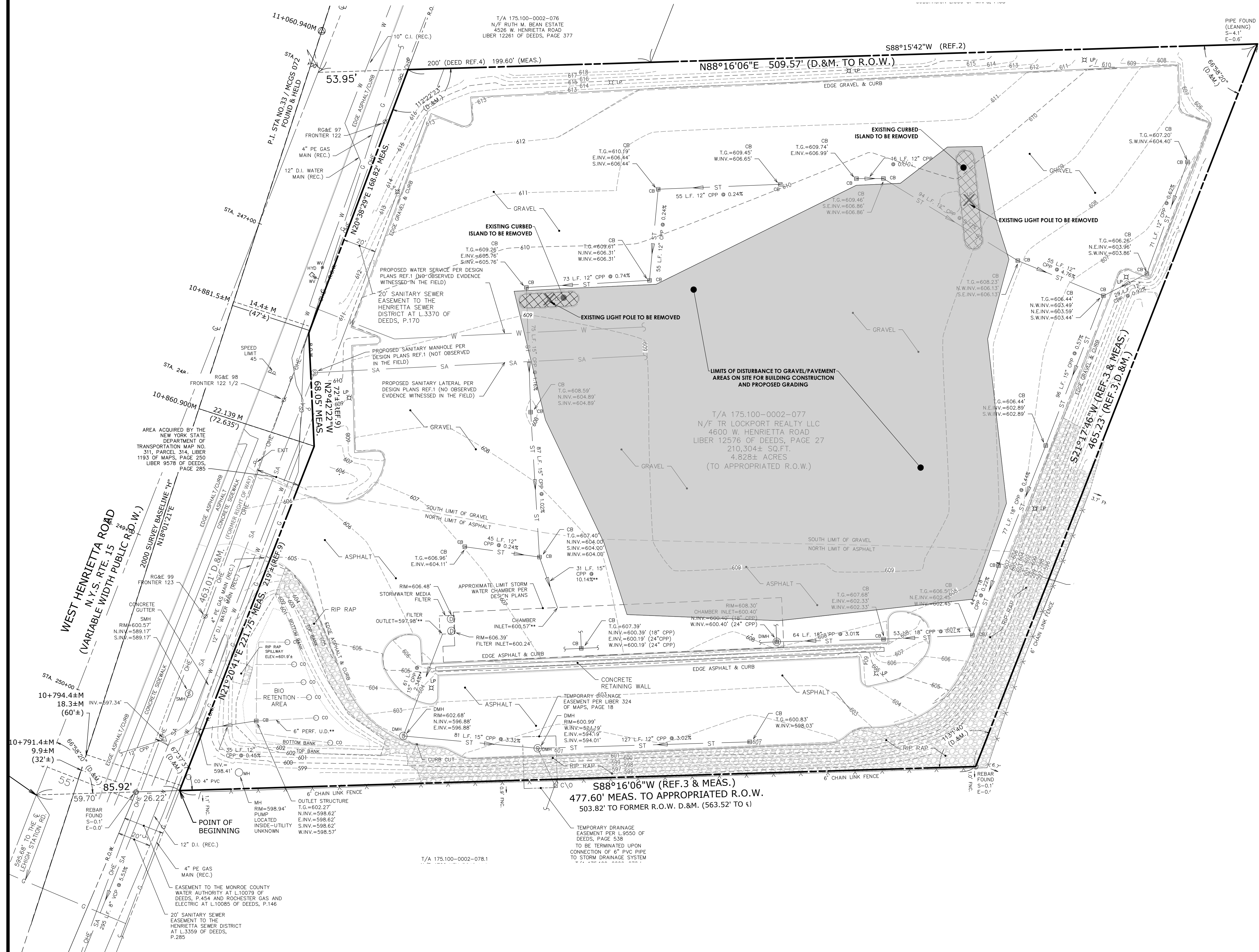
Drawing No.  
**C 101**

Scale:  
**1" = 40'**

Date  
**OCTOBER 2023**

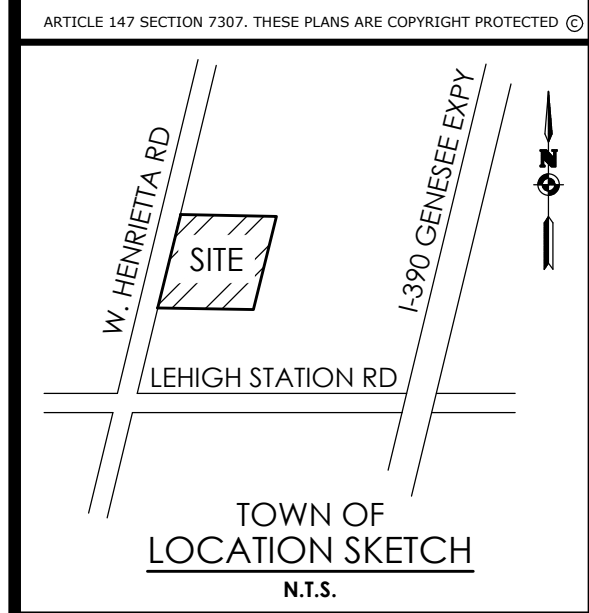
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**LEGEND:**

- R.O.W.
- EXISTING CENTER LINE ROAD
- EXISTING EASEMENT LINE
- SETBACK
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING STORM SEWER & MH
- EXISTING WATER SERVICE & VALVE
- EXISTING SIGN
- EXISTING SANITARY SEWER AND MANHOLE
- EXISTING ELECTRIC LINE & POLE
- EXIST. LIGHT POLE
- EXIST. ELECTRIC MANHOLE
- EXIST. ELECTRIC HANDHOLE
- EXIST. GAS VALVE
- EXIST. GAS MAIN
- EXIST. WATER MAIN
- EXIST. ELECTRIC LINE
- EXISTING CURBED ISLAND TO BE REMOVED
- EXISTING GRAVEL/PAVEMENT AREAS TO BE DISTURBED FOR BUILDING AND PROPOSED GRADING
- EXISTING FEATURE TO BE REMOVED
- EXISTING UTILITY TO BE REMOVED/ABANDONED



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Revisions			
No.	Date	By	Description
1			

EXISTING CONDITIONS AND DEMO PLAN  
4600 WEST HENRIETTA RD.

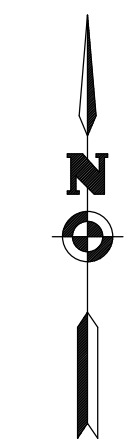
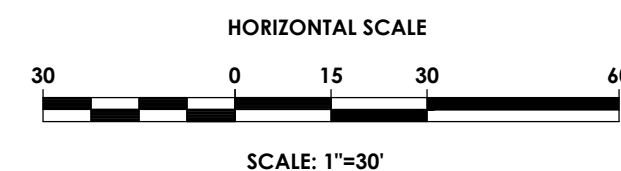
Town/City: HENRIETTA  
County: MONROE State: NEW YORK  
Project No.: 20213238.0005  
Drawing No.: C 102  
Scale: 1" = 30'  
Date: OCTOBER 2023

NOT FOR CONSTRUCTION



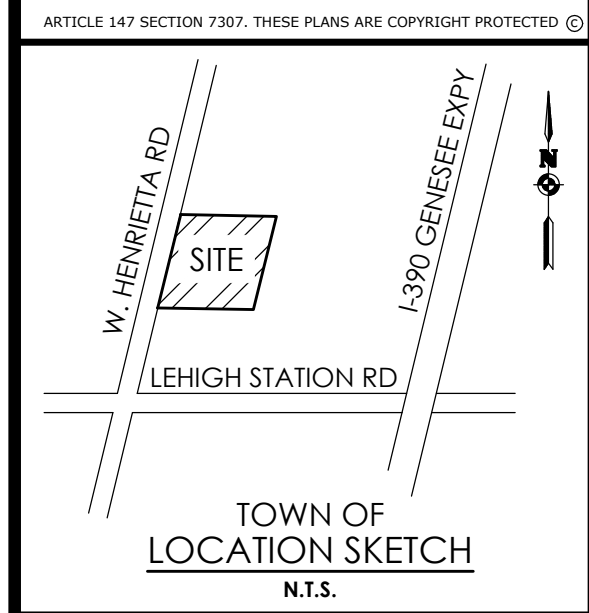
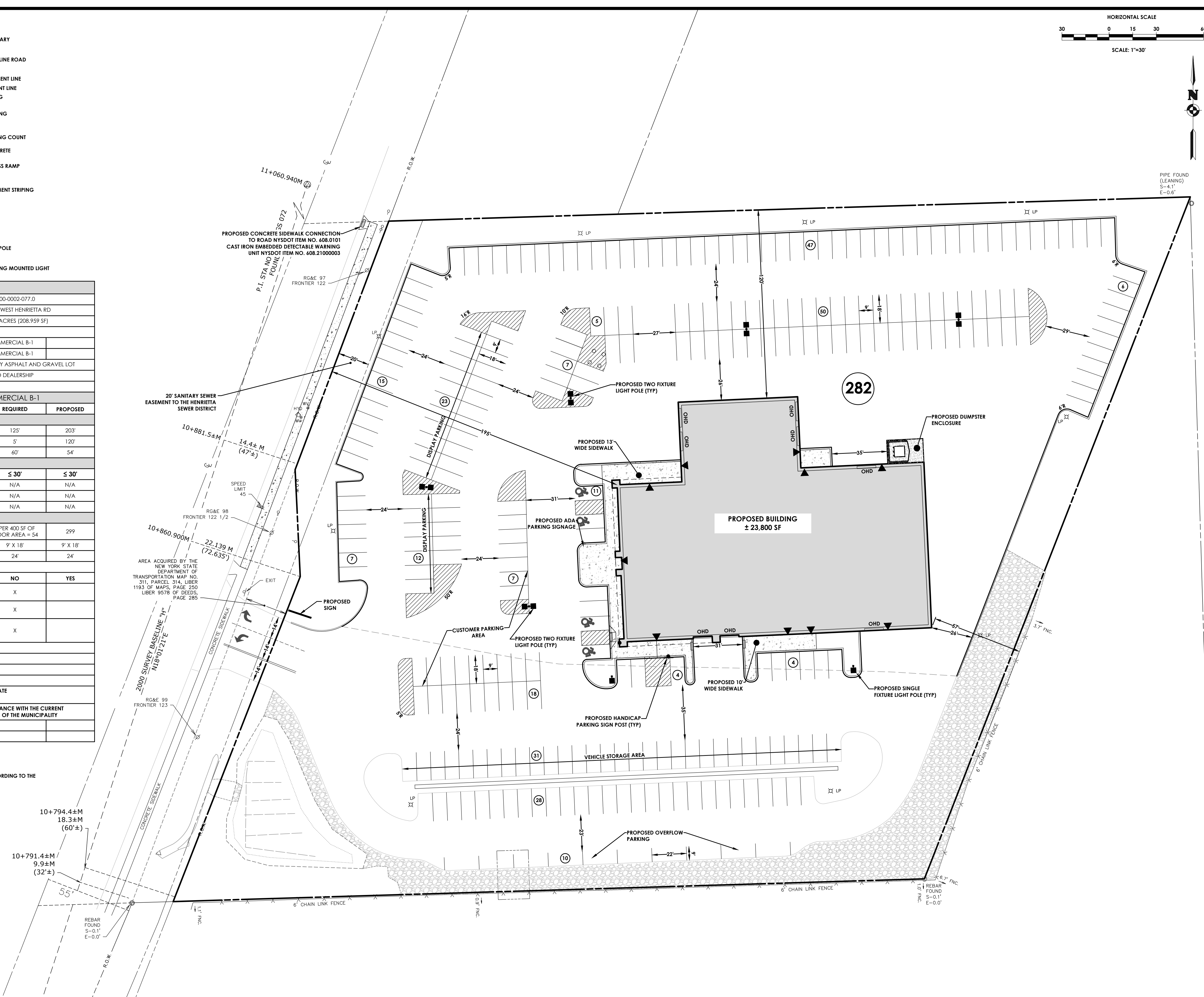
LEGEND - SITE:

- PROPERTY BOUNDARY
- RIGHT OF WAY
- EXISTING CENTER LINE ROAD
- SETBACK
- PROPOSED EASEMENT LINE
- EXISTING EASEMENT LINE
- EXISTING BUILDING
- PROPOSED BUILDING
- PROPOSED PARKING COUNT
- PROPOSED CONCRETE
- PROPOSED ACCESS RAMP
- PROPOSED PAVEMENT STRIPING
- PROPOSED CURB
- PROPOSED SIGN
- EXISTING SIGN
- PROPOSED LIGHT POLE
- PROPOSED FENCE
- PROPOSED BUILDING MOUNTED LIGHT



SITE DATA		
1. TAX ACCOUNT NUMBER:	175.100-0002-077.0	
2. PARCEL ADDRESS:	4600 WEST HENRIETTA RD	
3. TOTAL PARCEL AREA:	4.82 ACRES (208,959 SF)	
4. AREA OF DISTURBANCE:		
5. EXISTING ZONING:	COMMERCIAL B-1	
PROPOSED ZONING:	COMMERCIAL B-1	
6. EXISTING USE:	EMPTY ASPHALT AND GRAVEL LOT	
PROPOSED USE:	AUTO DEALERSHIP	
7. AREA REQUIREMENTS:		
PROPOSED ZONING DISTRICT: COMMERCIAL B-1		
	REQUIRED	PROPOSED
SETBACK		
FRONT	125'	203'
SIDE	5'	120'
REAR	60'	54'
BUILDING		
HEIGHT	≤ 30'	≤ 30'
SPACING	N/A	N/A
DENSITY	N/A	N/A
UNIT QTY	N/A	N/A
PARKING		
STALLS QTY.	1 PER 400 SF OF FLOOR AREA = 54	299
STALL SIZE - PERPENDICULAR	9' X 18'	9' X 18'
DRIVE AISLE WIDTH	24'	24'
NOTES:	NO	YES
8. STATE REGULATED WETLANDS (NYSDEC ERM):	X	
9. FEDERALLY REGULATED WETLANDS (USFWS NWI):	X	
10. FLOOD PLAIN (FEMA NFHL): FIRM PANEL: 34055C0342G DATED: 08/27/2008	X	
11. PUBLIC WATER PROVIDED BY:		
12. ELECTRIC SERVICE PROVIDED BY:		
13. GAS SERVICE SUPPLIED BY:		
14. SANITARY SEWER PROVIDED BY:		
15. STORM SEWER & DRAINAGE WILL BE: (MAINTAINED BY THE OWNER)	PRIVATE	
16. ALL IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE CURRENT DEVELOPMENT STANDARDS AND SPECIFICATIONS OF THE MUNICIPALITY		

**GENERAL NOTES**  
 \* CURRENT STRIPING SHOWN IS SUBJECT TO CHANGE ACCORDING TO THE OWNERS USAGE OF THE FACILITY PARKING.



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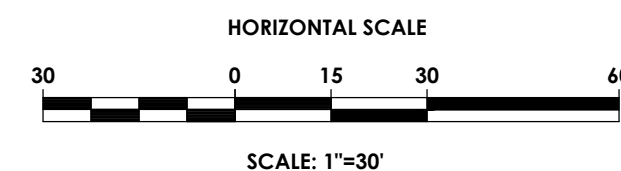
**SITE PLAN**  
 4600 WEST HENRIETTA RD.  
 Town/City: HENRIETTA  
 County: MONROE State: NEW YORK  
 Project No.: 20213238.0005

Drawing No.: C 103  
 Scale: 1" = 30'  
 Date: OCTOBER 2023

NOT FOR CONSTRUCTION

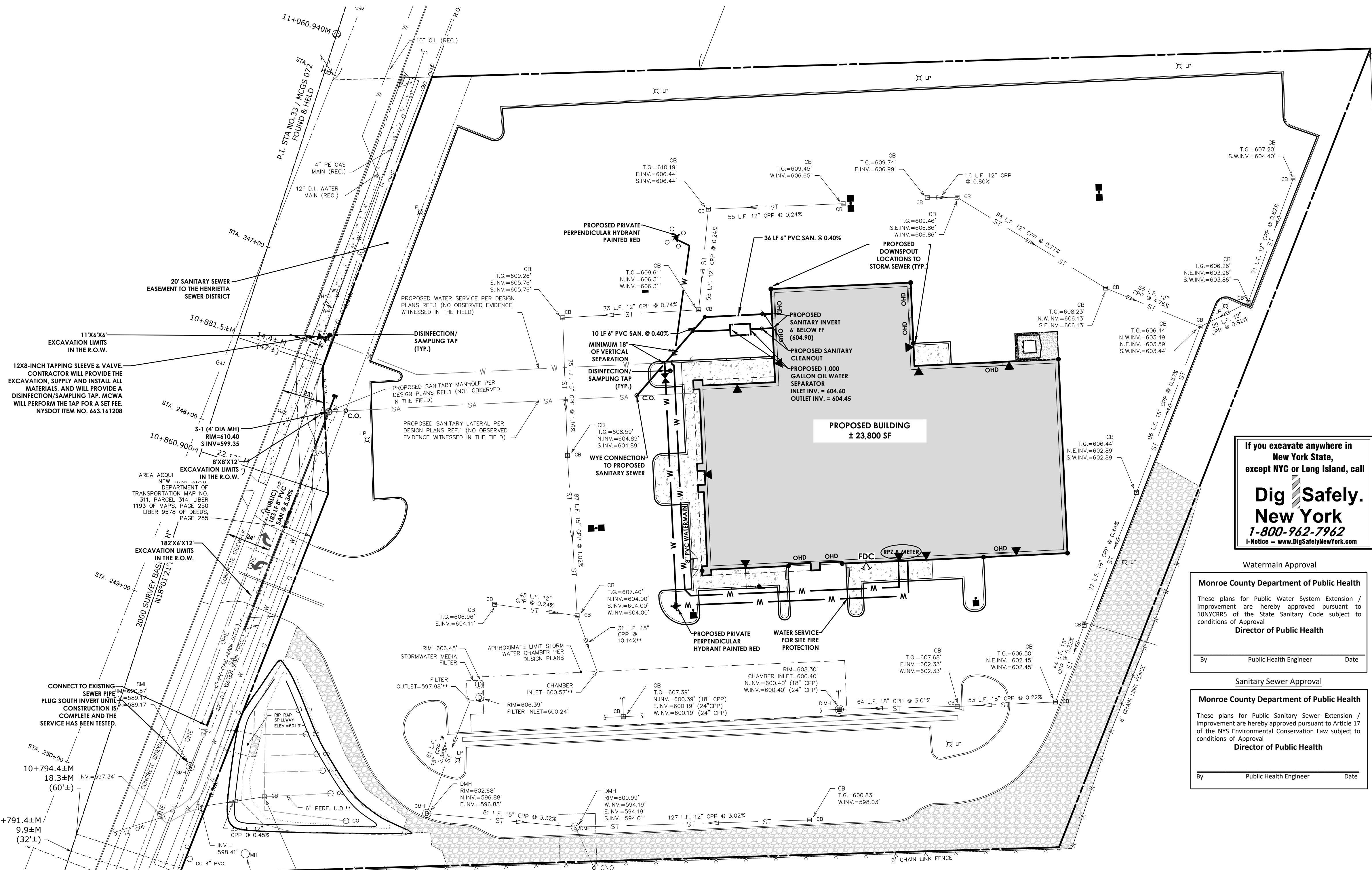
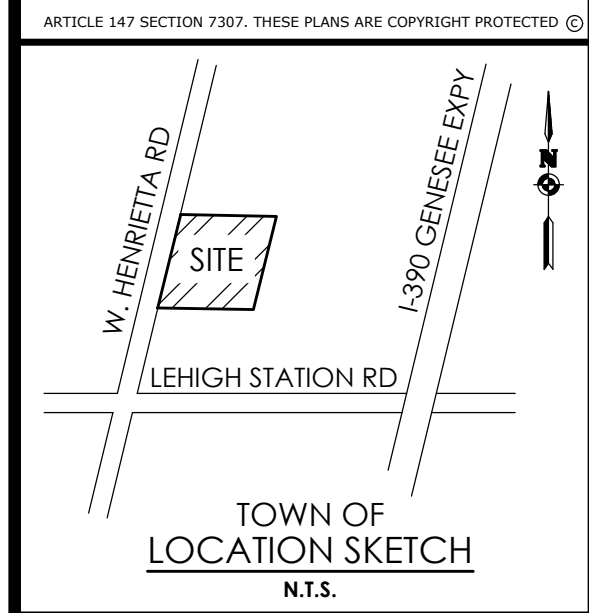
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**LEGEND - UTILITIES:**

	PROPERTY BOUNDARY
	R.O.W.
	EXISTING CENTER LINE ROAD
	EXISTING BUILDING
	EXISTING FENCE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	PROPOSED BUILDING
	PROPOSED CONCRETE
	PROPOSED SIGN
	PROPOSED LIGHT
	PROPOSED STORM SEWER INLET
	MH, CB & END SECTION
	EXISTING STORM SEWER & MH
	PROPOSED WATER SERVICE W/ HYDRANT & VALVE
	EXISTING WATER SERVICE & VALVE
	PROPOSED SANITARY SEWER AND MANHOLE
	EXISTING SANITARY SEWER AND MANHOLE
	EXISTING ELECTRIC LINE & POLE
	EXIST. LIGHT POLE
	EXIST. ELECTRIC MANHOLE
	EXIST. ELECTRIC HANDHOLE
	EXIST. GAS VALVE
	EXIST. GAS MAIN
	EXIST. WATER MAIN
	EXIST. ELECTRIC LINE
	PROPOSED UNDERGROUND ELECTRIC



**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. AN AIR TEST WILL BE 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 INSPECTED BY 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 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. ALL LINES WILL BE TELEVIEWED.
- 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 PIPELINE 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.

If you excavate anywhere in New York State, except NYC or Long Island, call

**Dig Safely. New York**  
1-800-962-7962  
i-Notice = www.DigSafelyNewYork.com

Watermain Approval

Monroe County Department of Public Health

These plans for Public Water System Extension / Improvement are hereby approved pursuant to 10NYCRR5 of the State Sanitary Code subject to conditions of Approval

Director of Public Health

By \_\_\_\_\_ Date \_\_\_\_\_

Sanitary Sewer Approval

Monroe County Department of Public Health

These plans for Public Sanitary Sewer Extension / Improvement are hereby approved pursuant to Article 17 of the NYS Environmental Conservation Law subject to conditions of Approval

Director of Public Health

By \_\_\_\_\_ Date \_\_\_\_\_

IRONDEQUOIT BAY PURE WATERS DISTRICT

APPROVED BY: _____	DIRECTOR OF ENGINEERING AND PLANNING	DATE _____
APPROVED BY: _____	DIRECTOR OF BUILDING AND FIRE PREVENTION	DATE _____
APPROVED BY: _____	COMMISSIONER OF PUBLIC WORKS	DATE _____
APPROVED BY: _____	FIRE MARSHAL	DATE _____
APPROVED BY: _____	MONROE COUNTY WATER AUTHORITY	DATE _____
APPROVED BY: _____	PLANNING BOARD CHAIRMAN	DATE _____

Client: 4700 WEST HENRIETTA ROAD LLC  
7487 FOURTH SECTION RD  
BROCKPORT, NY 14420

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Revisions

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1			

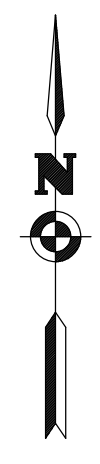
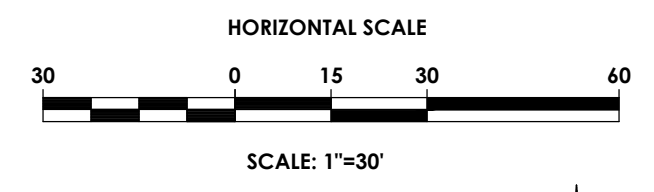
UTILITY PLAN  
4600 WEST HENRIETTA RD.

Town/City: HENRIETTA  
County: MONROE State: NEW YORK  
Project No: 20213238.0005  
Drawing No: C 104  
Scale: 1" = 30'  
Date: OCTOBER 2023

NOT FOR CONSTRUCTION

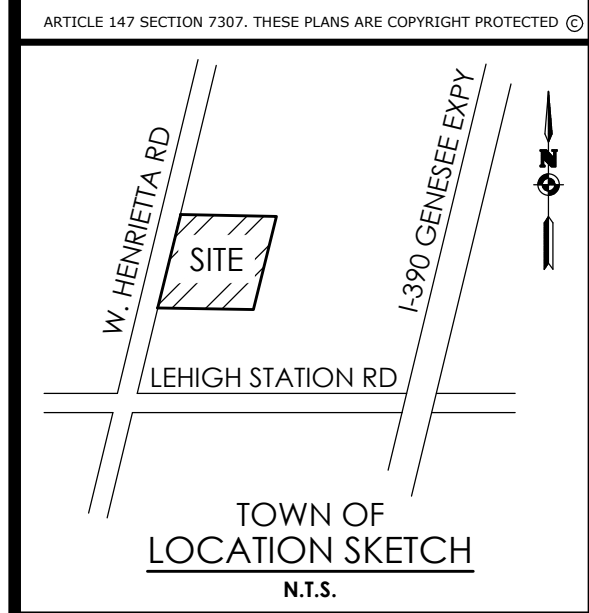


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**LEGEND - GRADING:**

- R.O.W.
- PROPERTY BOUNDARY
- EXISTING CENTER LINE ROAD
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- PROPOSED BUILDING
- PROPOSED CONCRETE
- PROPOSED SIGN
- PROPOSED LIGHT
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED STORM SEWER INLET
- EXISTING STORM SEWER & MH
- PROPOSED WATER SERVICE W/ HYDRANT & VALVE
- EXISTING WATER SERVICE & VALVE
- PROPOSED SANITARY SEWER AND MANHOLE
- EXISTING SANITARY SEWER AND MANHOLE
- EXIST. LIGHT POLE
- EXIST. ELECTRIC MANHOLE
- EXIST. ELECTRIC HANDHOLE
- EXIST. GAS VALVE
- PROPOSED STONE CHECK DAM
- PROPOSED INLET PROTECTION
- PROPOSED TREE/BRUSH LINE
- EXISTING TREE/BRUSH LINE
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- TOP OF CURB (C), WALL (W), STAIRS (S), RAMP (R)
- BOTTOM OF CURB (C), WALL (W), STAIRS (S), RAMP (R)



TOWN OF LEHIGH STATION N.T.S.

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**SEDIMENT TRAP CALCULATIONS:**

REQUIRED CF = TOTAL DISTURBED ACRES X 3400 CF/ACRE  
= 4.65 ACRES (3600 CF/ACRES)  
= 16,740 CF

PROPOSED CF = 63' X 89' X 3'  
= 16,821 CF

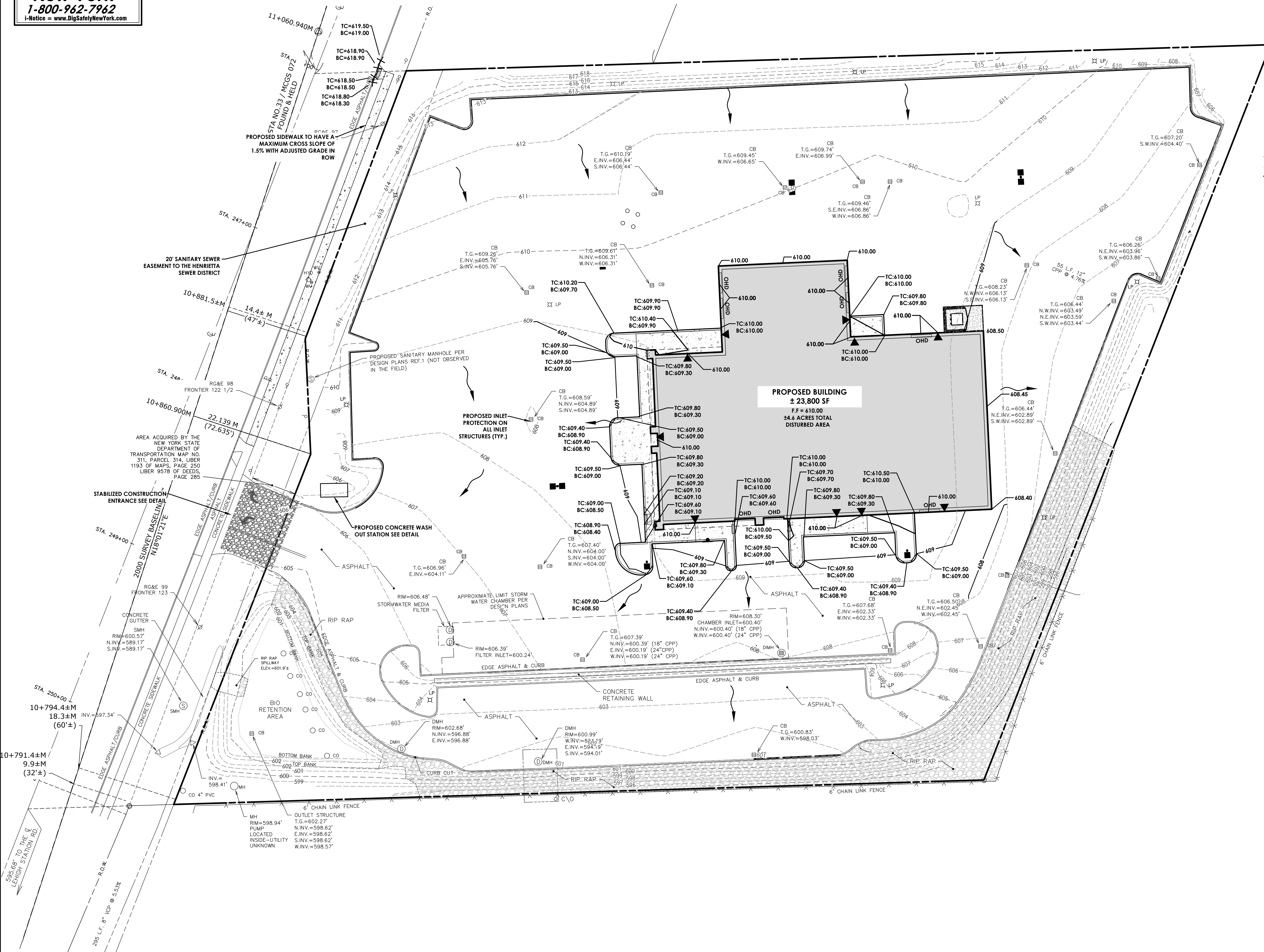
**GRADING NOTES:**

1. THE CONTRACTOR SHALL STRIP THE TOPSOIL AND REMOVE ANY UNSUITABLE SOILS, WITHIN THE PROPOSED GRADING LIMITS PRIOR TO PLACEMENT OF FILL MATERIAL.
2. ALL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY OF STANDARD PROCTOR TEST AT OPTIMUM MOISTURE CONTENT.
3. THE COMPACTION TESTS WILL BE CONDUCTED BY A LICENSED TESTING LABORATORY AND RESULTS SUBMITTED TO DESIGN ENGINEER.
4. SLOPES SHALL NOT EXCEED 1' VERTICAL TO 3' HORIZONTAL.
5. CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO PROTECT EXISTING TREES WHICH ARE TO BE PRESERVED FROM ALL POSSIBLE TYPES OF ROOT, TRUNK AND LIMB DAMAGE: INCLUDING BUT NOT LIMITED TO, RETAINING WALLS WHICH PREVENT FILLING ON TOP OF ROOTS OR EXCAVATING TREE ROOTS.
6. THE PROPOSED STORMWATER MAINTENANCE FACILITIES WILL BE PRIVATE

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	Protect area from any ongoing construction activities.
Areas of cut or fill	HSG A & B Apply full Soil Restoration **	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 crowding these areas. To protect newly installed practices 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.

NYSDEC SOIL RESTORATION REQUIREMENTS



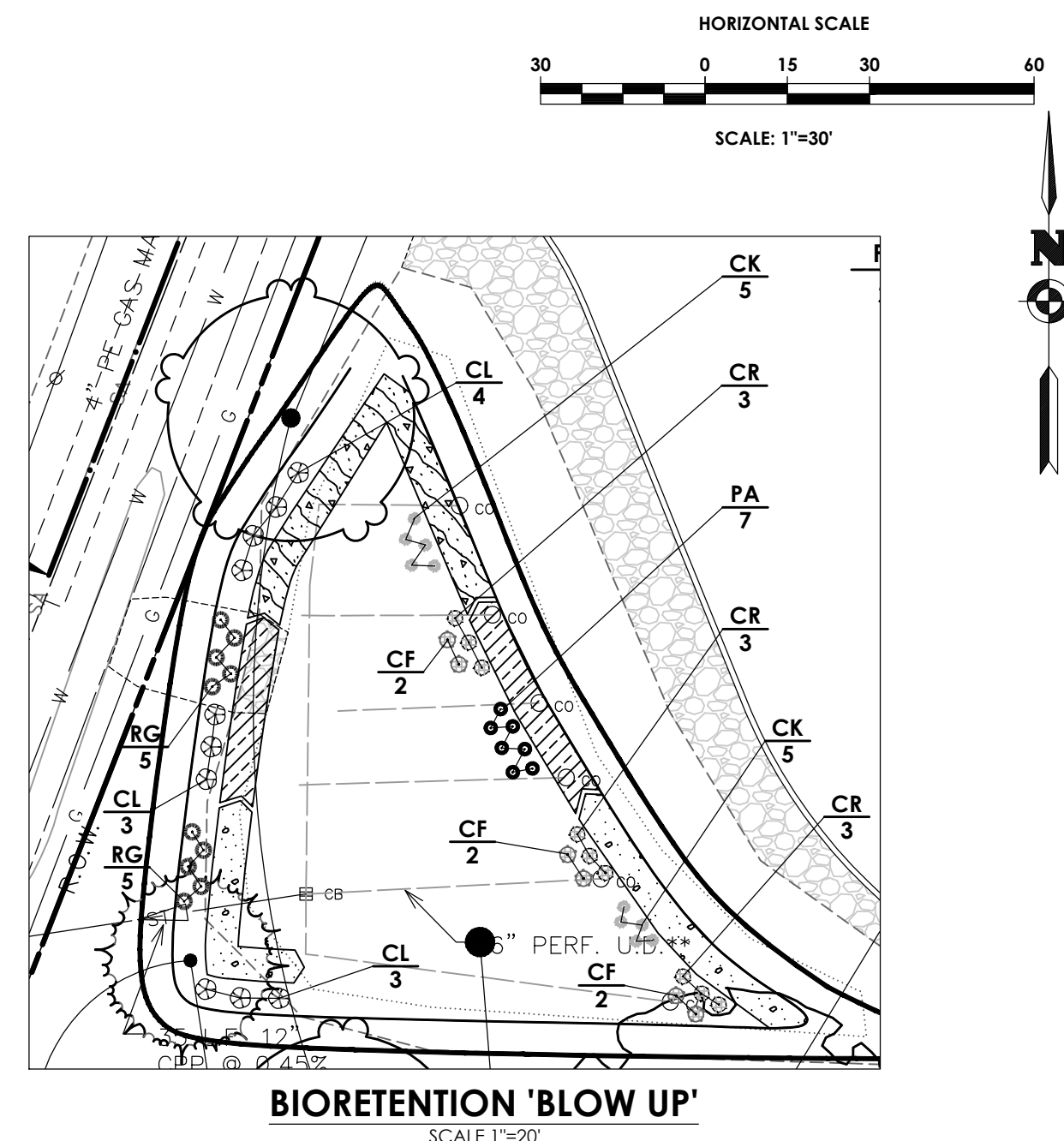
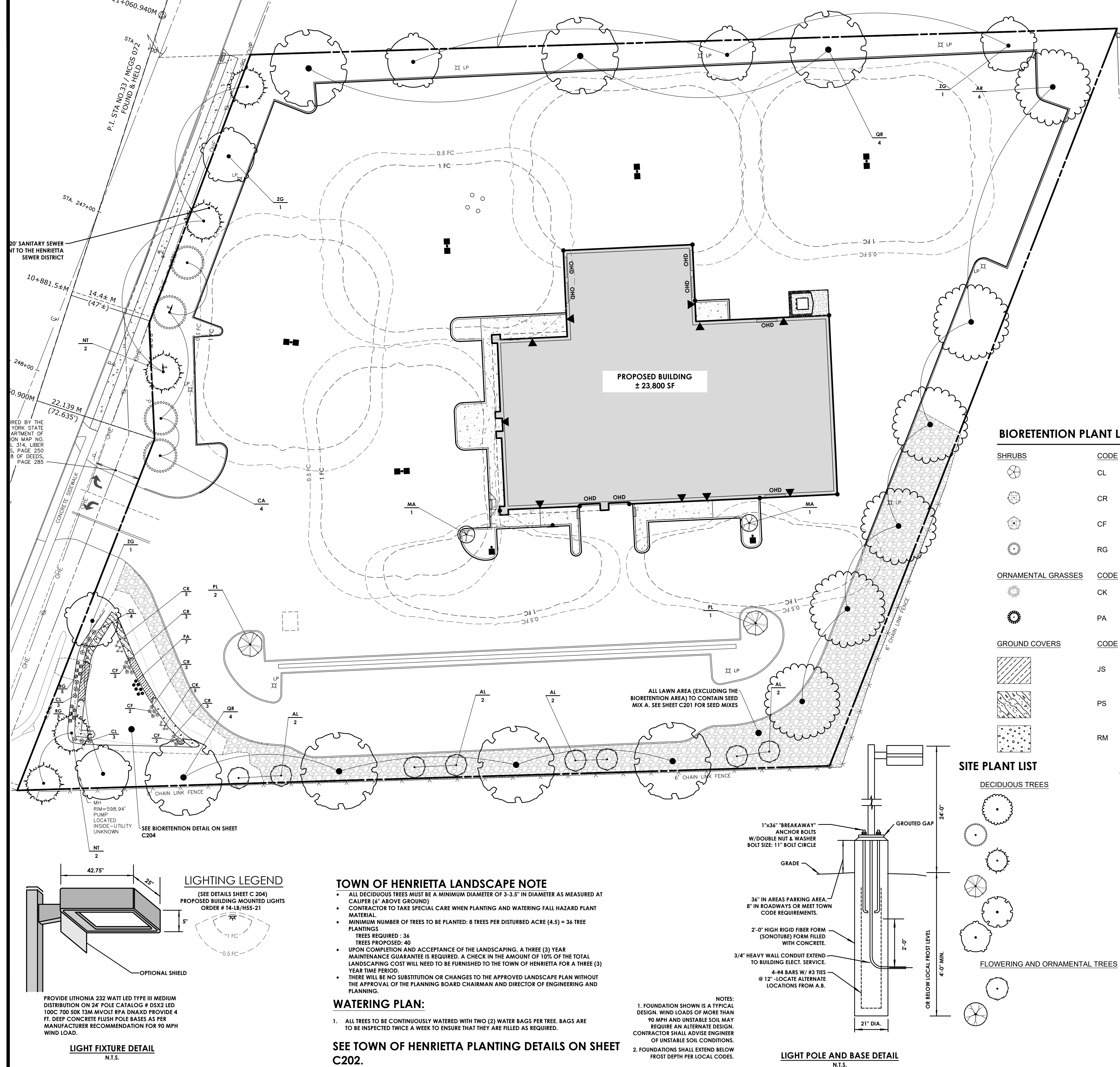
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**GRADING & EROSION CONTROL PLAN**  
4600 WEST HENRIETTA RD.

Town/City: HENRIETTA  
County: MONROE State: NEW YORK  
Project No. 20213238.0005  
Drawing No. C 105  
Scale: 1" = 30'  
Date: OCTOBER 2023

NOT FOR CONSTRUCTION





**BIORETENTION 'BLOW UP'**  
SCALE 1"=20'

AREA TO BE PLANTED WITH SEED MIX B (SEE SHEET C201 FOR SEED MIXES), AS WELL AS HAVING A DIVERSE AND BALANCED VEGETATION OF THE FOLLOWING SPECIES:

- CORNUS SERICEA
- CORNUS SERICEA 'FLAVIRAMEA'
- CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'
- PENNISETUM ALOPECUROIDES

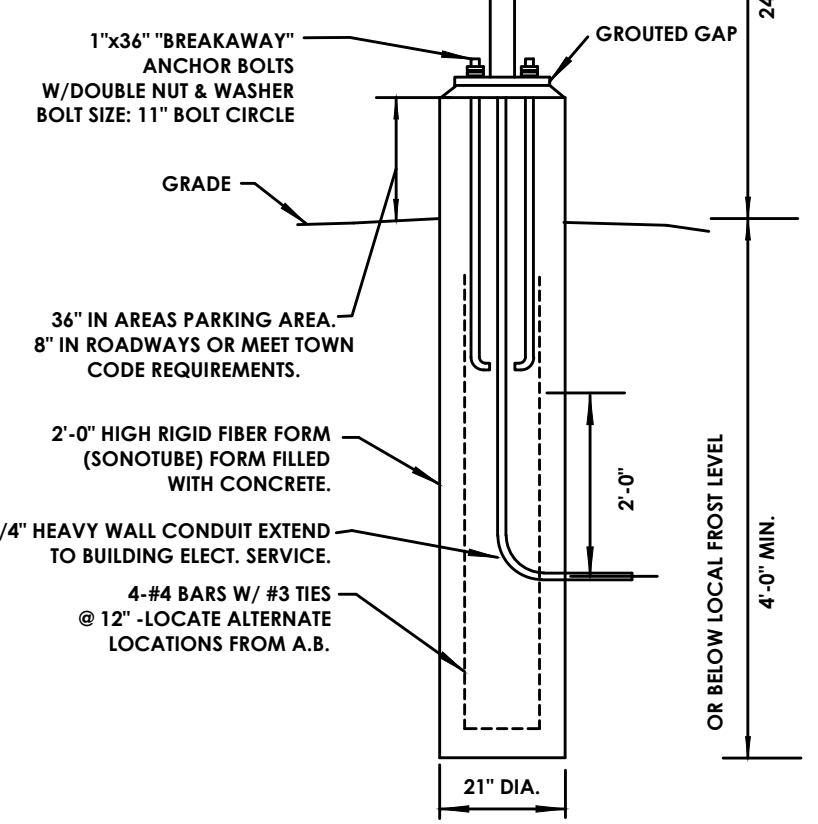
PLANTS SHOULD BE PLACED 1.5'-2' APART MINIMUM.

**BIORETENTION PLANT LIST**

SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME
	CL	10	CLETHRA ALNIFOLIA	SUMMERSWEET
	CR	9	CORNUS SERICEA	RED TWIG DOGWOOD
	CF	6	CORNUS SERICEA 'FLAVIRAMEA'	YELLOW TWIG DOGWOOD
	RG	10	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC
ORNAMENTAL GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME
	CK	10	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS
	PA	7	PENNISETUM ALOPECUROIDES	FOUNTAIN GRASS
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME
	JS	51	JUNCUS EFFUSUS SOLUTUS 2' O.C.	SOFT RUSH
	PS	60	PANICUM VIRGATUM 'SHENANDOAH' 2' O.C.	SHENANDOAH SWITCH GRASS
	RM	121	RUDBECKIA FULGIDA 'GOLDSTRUM' 18" O.C.	GOLDSTRUM BLACK EYED SUSAN

**SITE PLANT LIST**

CODE	QTY	BOTANICAL NAME	COMMON NAME	
AR	6	ACER RUBRUM	RED MAPLE	
CA	4	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	
NT	5	NYSSA SYLVATICA	BLACK GUM	
PL	2	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	
QR	7	QUERCUS RUBRA	RED OAK	
ZG	6	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE SAWLEAF ZELKOVA	
FLOWERING AND ORNAMENTAL TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME
AL	8	AMELANCHIER CANADENSIS	ROBIN HILL SERVICEBERRY	
MA	2	MALUS X 'ADIRONDACK'	ADIRONDACK CRABAPPLE	



**LIGHT POLE AND BASE DETAIL**  
N.T.S.

**TOWN OF HENRIETTA LANDSCAPE NOTE**

- ALL DECIDUOUS TREES MUST BE A MINIMUM DIAMETER OF 3-3.5" IN DIAMETER AS MEASURED AT CALIPER (6" ABOVE GROUND)
- CONTRACTOR TO TAKE SPECIAL CARE WHEN PLANTING AND WATERING FALL HAZARD PLANT MATERIAL.
- MINIMUM NUMBER OF TREES TO BE PLANTED: 8 TREES PER DISTURBED ACRE (4.5) = 36 TREE PLANTINGS
- TREES REQUIRED - 34 TREES PROPOSED: 40
- UPON COMPLETION AND ACCEPTANCE OF THE LANDSCAPING, A THREE (3) YEAR MAINTENANCE GUARANTEE IS REQUIRED. A CHECK IN THE AMOUNT OF 10% OF THE TOTAL LANDSCAPING COST WILL NEED TO BE FURNISHED TO THE TOWN OF HENRIETTA FOR A THREE (3) YEAR TIME PERIOD.
- THERE WILL BE NO SUBSTITUTION OR CHANGES TO THE APPROVED LANDSCAPE PLAN WITHOUT THE APPROVAL OF THE PLANNING BOARD CHAIRMAN AND DIRECTOR OF ENGINEERING AND PLANNING.

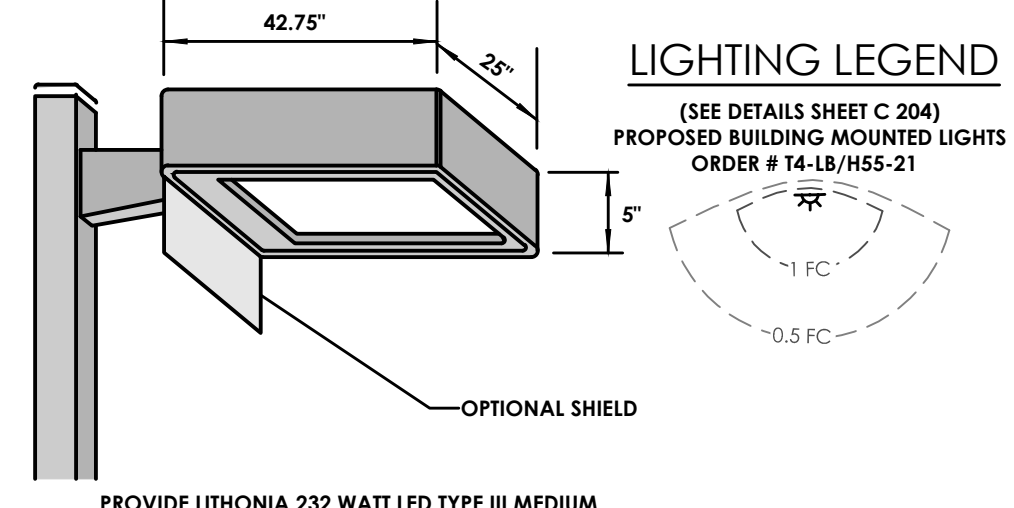
**WATERING PLAN:**

1. ALL TREES TO BE CONTINUOUSLY WATERED WITH TWO (2) WATER BAGS PER TREE. BAGS ARE TO BE INSPECTED TWICE A WEEK TO ENSURE THAT THEY ARE FILLED AS REQUIRED.

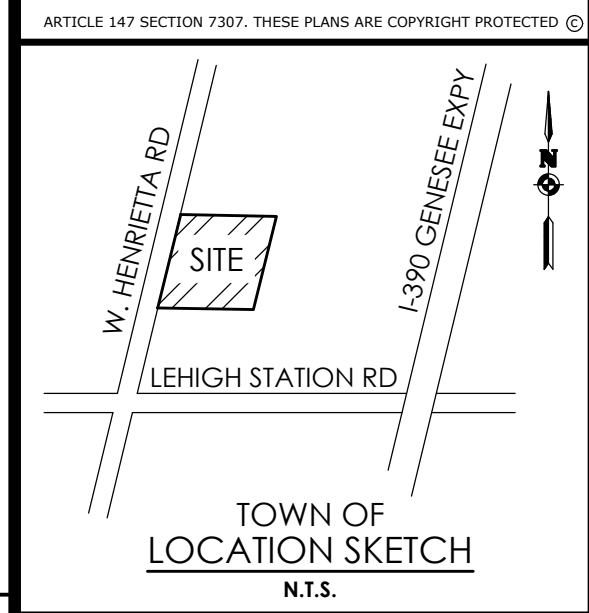
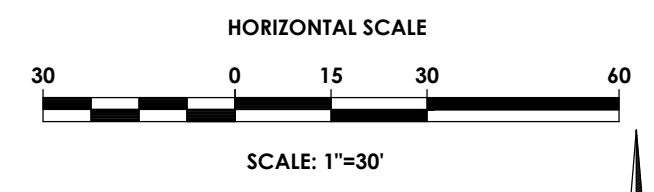
**SEE TOWN OF HENRIETTA PLANTING DETAILS ON SHEET C202.**

**NOTES:**

1. FOUNDATION SHOWN IS A TYPICAL DESIGN. WIND LOADS OF MORE THAN 90 MPH AND UNSTABLE SOIL MAY REQUIRE AN ALTERNATE DESIGN. CONTRACTOR SHALL ADVISE ENGINEER OF UNSTABLE SOIL CONDITIONS.
2. FOUNDATIONS SHALL EXTEND BELOW FROST DEPTH PER LOCAL CODES.



**LIGHT FIXTURE DETAIL**  
N.T.S.



Client:  
4700 WEST HENRIETTA ROAD LLC  
7487 FOURTH SECTION RD  
BROCKPORT, NY 14420

**PASSERO ASSOCIATES**  
242 West Main Street Suite 100  
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Principal-in-Charge: David Cox, P.E.  
Project Manager: Joshua Saxton, E.I.T.  
Designed by: James Ritzenthaler, E.I.T.



**Revisions**

No.	Date	By	Description
1			

**LANDSCAPING & LIGHTING PLAN**  
4600 WEST HENRIETTA RD.

Town/City: HENRIETTA  
County: MONROE State: NEW YORK  
Project No.: 20213238.0005  
Drawing No.: C 106  
Scale: 1" = 30'  
Date: OCTOBER 2023

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

NOT FOR CONSTRUCTION

Y:\PROJECTS-NEW\2021\20213238\20213238.LANDSCAPE.DWG 10/11/2023 10:37 AM James Ritzenthaler



## GENERAL NOTES:

- THE SANITARY WASTE DISPOSAL SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF THE NEW YORK STATE AND MONROE COUNTY HEALTH DEPARTMENTS.
- WATER SERVICE SHALL BE INSTALLED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE MONROE COUNTY WATER AUTHORITY.
- THE BUILDING CONSTRUCTION TO BE IN COMPLIANCE WITH THE NEW YORK STATE BUILDING CODE.
- ANY COST RELATED TO THE RELOCATION OF ANY UTILITIES NECESSITATED BY THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE OWNER OR THOSE REQUESTING THE RELOCATION OF THE UTILITY.
- ANY AND ALL CULVERT LOCATIONS, SIZES OR TYPES, TO BE APPROVED BY THE TOWN SUPERINTENDENT OF HIGHWAYS.
- ALL PROPERTY CORNERS TO BE MARKED WITH IRON PINS.
- ALL CONSTRUCTION WILL BE IN ACCORDANCE WITH THE DESIGN CRITERIA AND CONSTRUCTION SPECIFICATIONS FOR LAND DEVELOPMENT FOR THE TOWN OF HENRIETTA DATED THE MOST CURRENT REVISION.

## EROSION AND SEDIMENT CONTROL NOTES:

(OCTOBER 2017)

- IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYS DOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL REVIEW THE EROSION AND SEDIMENT CONTROL PLAN INCLUDED IN THE CONTRACT DOCUMENTS, AND IF NECESSARY, MODIFY THE PLAN WITH THE CONTRACTORS INTENDED SEQUENCE AND TYPES OF OPERATIONS. THE CONTRACTORS MODIFIED EROSION AND SEDIMENT CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL, ALONG WITH A PROGRESS SCHEDULE THAT ADDRESSES THIS WORK.
  - IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYS DOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL DESIGNATE AN 'EROSION AND SEDIMENT CONTROL SUPERVISOR' FOR THE PROJECT. THE SUPERVISOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL PLAN AND FOR INSPECTING AND MAINTAINING THE CONTROL MEASURES. THE NAME AND QUALIFICATIONS (TRAINING AND EXPERIENCE) OF THIS INDIVIDUAL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING EARTHWORK.
  - THE DESIGNATED 'EROSION AND SEDIMENT CONTROL SUPERVISOR' SHALL NOTIFY THE ENGINEER IN ADVANCE OF ANY FIELD CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES INDICATED IN THE CONTRACT DOCUMENTS. THE ENGINEER MAY REQUIRE THE CONTRACTOR TO SUBMIT A MODIFIED EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL PRIOR TO IMPLEMENTING ANY FIELD CHANGES.
  - THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF FROM DISTURBED AREAS IS DIRECTED TO SOIL EROSION AND SEDIMENT CONTROL DEVICES BEFORE ENTERING A WATER BODY OR WETLAND.
  - EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE FOR WHICH THEY ARE INTENDED AND SHALL REMAIN IN PLACE UNTIL SOILS ARE PERMANENTLY STABILIZED.
  - UNDER NO CONDITION SHALL DISCONTINUED CONSTRUCTION ACTIVITIES IN AREAS WITH SOIL DISTURBANCES BE LEFT FOR A PERIOD OF GREATER THAN 7 DAYS WITHOUT TEMPORARILY STABILIZING THOSE AREAS WITH TEMPORARY SEED AND MULCH. MAINTENANCE OF THOSE AREAS SHALL INCLUDE RESEEDING AND REMULCHING AS NECESSARY TO MAINTAIN A PROTECTIVE COVER OF GRASS. THERE SHALL BE NO ADDITIONAL PAYMENT FOR RESEEDING AND REMULCHING.
- NO WET OR FRESH CONCRETE, LEACHATE, MATERIAL, OR DEBRIS SHALL BE ALLOWED TO ESCAPE INTO A WATER BODY OR WETLAND, NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER A WATER BODY OR WETLAND. ANY MATERIAL OR DEBRIS ACCIDENTALLY DROPPED INTO THE CHANNEL SHALL BE IMMEDIATELY AND COMPLETELY REMOVED AND DEPOSITED IN AN UPLAND AREA.
- THE CONTRACTOR SHALL COVER TEMPORARY STOCKPILES OF ERODIBLE MATERIAL (SUCH AS TOPSOIL OR EARTH FILL) WITH POLY SHEETING, OR RING THE STOCKPILES WITH SILT FENCE TO CONTROL EROSION. POLY SHEETING SHALL COMPLETELY COVER THE STOCKPILE AND BE SECURELY ANCHORED AT ALL TIMES. ANY POLY SHEETING OR SILT FENCE THAT IS DAMAGED SHALL BE PROMPTLY REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER. RINGED STOCKPILES EXPOSED OR EXPECTED TO BE EXPOSED FOR LONGER THAN 7 CALENDAR DAYS SHALL IMMEDIATELY BE STABILIZED WITH APPROPRIATE MEASURES. THE COST OF COVERING AND RINGING/STABILIZING STOCKPILES SHALL BE INCLUDED IN THE PRICE BID FOR THE CORRESPONDING STOCKPILE MATERIAL.

## GENERAL EROSION CONTROL NOTES:

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DESIGNED, INSTALLED AND MAINTAINED PER THE REQUIREMENTS SET FORTH IN THE LATEST EDITION OF THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- ALL THE IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATION OF THE TOWN OF HENRIETTA.
- ALL SITE WORK IS TO BE IN COMPLIANCE WITH THE STANDARDS OF THE TOWN.
- THE DEVELOPER WILL COMPLY WITH ALL REQUIREMENTS OF THE STATE, COUNTY AND TOWN AGENCY.
- ANY AND ALL COSTS RELATED TO THE RELOCATION OF UTILITIES NECESSITATED BY THIS PROJECT SHALL BE BORNE BY THE INDIVIDUAL AND/OR THE UTILITY COMPANY REQUESTING THE RELOCATION.
- ALL MASS EARTHWORK SHALL BE COMPLETE PRIOR TO UTILITY INSTALLATION.
- ALL FILL SHALL BE COMPACTED TO 95% OF ORIGINAL DENSITY PER MODIFIED PROCTOR TEST. THIS SHALL BE CERTIFIED BY ENGINEER IN ALL AREAS OF FILL BY A LICENSED TESTING COMPANY.
- FILL MATERIAL SHALL BE CAPABLE OF 3000 #/SF COMPACTION DENSITY. SELECT FILL CAN BE USED AS 304.02, 304.03, 304.05.
- EROSION CONTROL MEASURES SHALL BE INSTALLED PER THE NYSDEC SPECIFICATIONS FOR DESIGN AND EROSION AND SEDIMENT CONTROL.

## CONSTRUCTION SEQUENCE FOR

## GENERAL EROSION CONTROL NOTES:

- INSTALL PERIMETER SILT FENCING.
- CLEAR AND GRUB THE PROJECT IMPROVEMENTS AREAS AND PLACE SEDIMENT TRAPS.
- STRIP TOPSOIL AND STOCKPILE FOR LATER USE.
- INSTALL STORMWATER CHAMBERS AND UNDERGROUND PIPE STORAGE.
- GRADE IMPROVEMENTS AREAS WITHIN THE PROJECT SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 7 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 7 DAYS OF THE LAST DISTURBANCE.
- RELOCATE EXISTING TRIBUTARY PER PLANS. ENSURE THAT BANKS ARE STABILIZED ONCE RELOCATION HAS BEEN COMPLETED.
- CONSTRUCT DROP INLET PROTECTION DEVICES AFTER STORM STRUCTURE INSTALLATION AS SHOWN ON THIS PLAN.
- CONSTRUCT TRUCK WASHDOWN AREA.
- REPLACE TOPSOIL AND FINE GRADE.
- HYDRO-SEED ALL DISTURBED AREAS WITHIN 7 DAYS AFTER FINAL GRADING. CONTRACTOR IS RESPONSIBLE TO RESEED IF GRADING IS UNSATISFACTORY.
- UPON APPROVAL OF THE TOWN, REMOVE ALL TEMPORARY SITUATION CONTROLS.
- SLOPES SHALL NOT EXCEED 1' VERTICAL TO 3' HORIZONTAL MAX. MAINTAIN 1:4 WHERE POSSIBLE.
- MINIMUM OF 6" OF TOPSOIL IS TO BE PLACED ON ALL GRASS AREAS.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BASED UPON ACTUAL FIELD CONDITIONS AOR: CONTRACTOR SHALL PROVIDE FOR THIS COST IN HIS CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITUATION AND EROSION CONTROL MEASURES FROM INSTALLATION THROUGH MAINTENANCE AND REMOVAL AFTER RE-VEGETATION HAS BEEN ESTABLISHED.
- ALL END SECTIONS WILL BE PROVIDED WITH RIP-RAP APRONS.
- FINALIZE GRADING IN INFILTRATION-BIOTRETENTION AREAS WITH REQUIRED SOIL MIX.
- ALL EROSION AND SEDIMENT CONTROL METHODS WILL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- ALL EROSION CONTROL MEASURES WILL BE REMOVED AFTER APPROVED BY A QUALIFIED PROFESSIONAL.

## ARCHITECTURAL NOTE

AS AN INTEGRAL PART OF THIS APPROVAL, THE PLANNING BOARD EXPRESSLY APPROVES THE COLOR, TEXTURES AND FINISH OF THE BUILDING AS DEPICTED ON THE ELEVATIONS OR OTHER DOCUMENTS SUBMITTED WITH THE APPLICATION. ANY PROPOSED CHANGE IN COLOR, TEXTURE, OR FINISH OF THE BUILDING, FROM THAT APPROVED BY THE PLANNING BOARD SHALL REQUIRE A RE-APPLICATION FORT REVIEW AND APPROVAL OF THE PLANNING BOARD.

## AS-BUILT NOTE

A RECORD SITE PLAN MUST BE PROVIDED TO THE TOWN ENGINEERING DEPARTMENT UPON COMPLETION OF THE PROJECT. SWING THE DIAGRAMS WILL BE INDICATED FOR THE EXISTING AND PROPOSED WATER CURB BOXES, VALVES AND ALL LATERAL CLEANOUTS. THE RECORD SITE PLAN WILL ALSO INCLUDE ALL IMPROVEMENTS, SUCH AS GUTTERS, CURBS, ETC. ALL STRUCTURES WILL BE SHOWN WITH TIES TO THE PROPERTY LINES ON ALL SIDES.

## DEMOLITION NOTES:

- CONTRACTOR IS RESPONSIBLE TO CALL DIG SAFE 811 PRIOR TO BEGINNING DEMOLITION.
- WITHIN LIMIT LINES, ALL AT GRADE UTILITIES SUCH AS TRANSFORMERS, GENERATORS, HVAC UNITS, THE UNITS CONCRETE PAD AND ANY FENCING THAT SURROUNDS THE UNIT, TO BE REMOVED.
- PRIOR TO ANY DEMOLITION TAKING PLACE, CONTRACTOR TO VERIFY LOCATION AND DEPTH OF ALL UTILITIES WITHIN THE WORK AREA OR THOSE EXPECTED TO BE AFFECTED BY NEW WORK, AND SUBSURFACE FEATURES.
- CONTRACTOR TO COORDINATE ALL UTILITY SHUT DOWNS, RELOCATIONS, SERVICE INSTALLATIONS WITH THE LOCAL UTILITY COMPANIES.
- CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLISHED MATERIAL IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- ALL EXISTING FEATURES PROPOSED TO BE REMOVED ARE NOT SHOWN ON SUBSEQUENT PLANS FOR CLARITY.
- CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES TO REMAIN, DAMAGE TO EXISTING FEATURES TO REMAIN SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- ALL SURFACES THAT ARE DISTURBED DUE TO UTILITY CONSTRUCTION, OUTSIDE OF THE MAJOR WORK AREAS, ARE TO BE RESTORED TO PRE-CONSTRUCTION CONDITION, IN ACCORDANCE WITH THE ASPHALT AND CONCRETE SECTION DETAILS INCLUDED IN THESE PLANS. LAWN AREAS ARE TO BE RE-ESTABLISHED WITH 6 INCHES OF TOPSOIL (MINIMUM) AND HYDROSEED.
- ANY MATERIALS CONTAINING ASBESTOS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. NOTE THIS MAY INCLUDE UNDERGROUND UTILITIES.
- ALL UTILITIES NOT STATED FOR DEMOLITION ARE TO REMAIN FUNCTIONAL AT ALL TIMES. THIS INCLUDES BYPASS PUMPING SLURM AND SANITARY FLOWS, IF NECESSARY.
- EXISTING UTILITIES THAT ARE PROPOSED TO BE REMOVED, UNLESS OTHERWISE INDICATED, SHALL BE EXCAVATED, UTILITY MATERIAL REMOVED, AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE SPECIFICATIONS. ALL TRENCHES SHALL BE BACKFILLED WITH GRANULAR FILL, COMPACTED IN 12" LIFTS TO 95% MODIFIED PROCTOR TEST. ALL DISTURBED AREAS SHALL BE RESTORED IN KIND IN ACCORDANCE WITH THE DETAILS IN THESE PLANS AND AT A MINIMUM TO THEIR ORIGINAL STATE.
- AREAS OF ASPHALT AND CONCRETE REMOVAL SHALL BE SAWCUT WITH A NEAT STRAIGHT LINE AT ALL REMOVAL LIMITS.
- CONTRACTOR RESPONSIBLE FOR OBTAIN ALL DEMOLITION PERMITS AND INCLUDE ALL FEES ASSOCIATED WITH THOSE PERMITS, IN HIS BID.
- IF ANY ENVIRONMENTAL CONDITIONS OR ISSUES, NOT PREVIOUSLY IDENTIFIED, ARE ENCOUNTERED DURING DEMOLITION, THE OWNER AND THE CONTRACTOR(S) SHALL IMMEDIATELY NOTIFY THE TOWN, MONROE COUNTY HEALTH DEPARTMENT AND NYSDEC BEFORE CONTINUING THE DEMOLITION PROCESS.
- ALL MATERIALS SHALL BE RECYCLED, WHEN APPROPRIATE.
- THE CONTRACTOR SHALL OBTAIN ALL SEWER PERMITS PRIOR TO DEMOLITION.

- ALL SPOIL MATERIALS FROM DEMOLITION OR EARTHWORK, SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT THE CONTRACTORS EXPENSE. ANY AND ALL SPOILS OR UNSUITABLE MATERIALS (INCLUDING BUT NOT LIMITED TO, CONCRETE DEBRIS, METAL DEBRIS, WOOD OR TREE DEBRIS) UNCOVERED OR EXCAVATED DURING EXCAVATION OPERATIONS, SHALL BE DISPOSED OF, AT THE CONTRACTORS EXPENSE. VOIDS LEFT BY THIS MATERIAL REMOVAL SHALL BE REPLACED WITH SUITABLE FILL, MEETING NYS DOT SECTION 203 AND THE PROJECTS GEOTECHNICAL REPORT/RECOMMENDATIONS. ALL FILL MATERIALS SHALL BE COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
- ALL EXISTING STRUCTURES THAT ARE ABANDONED IN PLACE, SHALL BE REMOVED TO A DEPTH OF 2 FEET BELOW FINISHED GRADE. STRUCTURES SHALL BE FILLED WITH CRUSHED STONE, (MEETING NYS DOT STANDARD SPECIFICATION SECTION 304) COMPACTED IN 12" LIFTS TO 95% MODIFIED PROCTOR TEST.

- CONTRACTOR TO CONFIRM ELEVATION & EXTENTS OF EXISTING ON-SITE AND PRIVATE UTILITIES. THIS UTILITY LOCATING SHALL BE INCLUDED IN THEIR BID. ALL INFORMATION SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO THE START OF WORK. ANY UTILITIES NEEDING REPAIR, REPLACEMENT OR RELOCATION DUE TO INSTALLATION OF PROPOSED FEATURES, SHALL BE INCLUDED IN THE CONTRACTORS BID.

## CONSTRUCTION SEQUENCE FOR STEEP SLOPE STABILIZATION / JUTE MESH INSTALLATION FOR SLOPES OF 1:3 OR GREATER:

- STRIP TOPSOIL ON SLOPE.
- GRADE SLOPE PER PLAN. CONTRACTOR SHALL TAKE CARE TO NOT OVER EXCAVATE EMBANKMENT.
- REPLACE TOPSOIL.
- TRACK TOPSOIL WITH A BULLDOZER IN A DIRECTION PERPENDICULAR TO THE PROPOSED CONTOUR LINES.
- IMMEDIATELY SEED AND FERTILIZE TOPSOIL PER PLAN.
- IMMEDIATELY APPLY JUTE MESH BY UNROLLING THE PRODUCT DOWN THE SLOPE. DO NOT STRETCH THE MESH, ALLOWING IT TO FULLY CONTACT THE SOIL.
- SECURE THE JUTE MESH WITH STAPLES (11 GAUGE - 8"x1"x8") 24" APART THOUGH OUT THE MATTING (APPROXIMATELY 200 STAPLES PER 100 SY). STAPLES SHOULD BE DRIVEN FLUSH WITH THE GROUND.
- SECURE BEGINNING AND END OF ROLL BY ANCHORING THE MATTING INTO 6" DEEP SLOTS CUT INTO THE SOIL. THEN STAPLE MATTING AT CHECK SLOTS.

AT THE VERY MINIMUM, EROSION CONTROL SHALL BE AS SHOWN ON THIS PLAN. EROSION CONTROL MAY CONSIST OF SEDIMENT TRAPS AND/OR ENVIRONMENTAL FENCES. THE CONTRACTOR AND THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INTEGRITY, MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES UNTIL NO LONGER DEEMED NECESSARY BY THE TOWN OR IT'S REPRESENTATIVE. THE CONTRACTOR SHALL MAINTAIN THE STORM SEWER SYSTEM UNTIL THE PROJECT IS DEVELOPED AND APPROVED BY THE TOWN AND OWNER.

ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. THE PERMITTEE SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STONE FILL. CORRECTIVE ACTIONS, AS IDENTIFIED BY THE DEVELOPER'S QUALIFIED SWPPP MONITOR OR A TOWN REPRESENTATIVE, SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED. THE TOWN MAY REVIEW THE PROJECT SITE AT ANY TIME. REVIEW OF EROSION CONTROL MEASURES BY THE TOWN DOES NOT RELIEVE THE DEVELOPER OF HIS OBLIGATIONS UNDER THE NYSDEC SPDES GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITY. (GP-0-20-001).

## GRADING NOTES:

- THE CONTRACTOR SHALL STRIP THE TOPSOIL AND REMOVE ANY UNSUITABLE SOILS, WITHIN THE PROPOSED GRADING LIMITS PRIOR TO PLACEMENT OF FILL MATERIAL.
- ALL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY OF STANDARD PROCTOR TEST AT OPTIMUM MOISTURE CONTENT.
- THE COMPACTION TESTS WILL BE CONDUCTED BY A LICENSED TESTING LABORATORY AND RESULTS SUBMITTED TO DESIGN ENGINEER.
- CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO PROTECT EXISTING TREES WHICH ARE TO BE PRESERVED FROM ALL POSSIBLE TYPES OF ROOT, TRUNK AND LIMB DAMAGE; INCLUDING BUT NOT LIMITED TO, RETAINING WALLS WHICH PREVENT FILING ON TOP OF ROOTS OR EXCAVATING TREE ROOTS.

## PAVING NOTES:

- THE CONTRACTOR SHALL SAW-CUT THE EXISTING PAVEMENT, CURBS AND/OR SIDEWALKS WITH A NEAT, STRAIGHT AND VERTICAL EDGE AT ITS MATCH WITH NEW CONSTRUCTION. NEW PAVEMENT AND SIDEWALK SHALL BE WARPED TO MATCH TO EXISTING IN A SMOOTH TRANSITION. ALL EDGES ON EXISTING PAVEMENT SHALL BE TACK-COATED.
- ALL EDGES ON EXISTING SIDEWALKS SHALL HAVE A BITUMINOUS EXPANSION JOINT AT THEIR MATCH WITH NEW SIDEWALK.
- ALL BACKFILL MATERIAL SHALL BE PLACED IN 6" LIFTS AND THOROUGHLY COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D-1557.
- ALL AREAS UNDER ROADWAY PAVEMENT THAT ARE EXCAVATED OR UNDERMINED SHALL BE BACKFILLED WITH CRUSHED STONE, COMPLYING WITH NYS DOT STANDARD SPECIFICATION ITEM NO. 304.12, AND SHALL BE PLACED AND COMPACTED IN 6" LIFTS UP TO THE ROADWAY SECTION SUBBASE ELEVATION.
- PRIOR TO THE PLACEMENT OF THE ROADWAY STONE SUBBASE COURSE, THE SUBGRADE SHALL BE PROOF-ROLLED TO ENSURE A STABLE CONDITION. CONTRACTOR SHALL REPAIR ANY DEFECT IN THE SUBGRADE CONDITION PRIOR TO PLACEMENT OF THE STONE SUBBASE COURSE. THE CONTRACTOR SHALL ALSO SHAPE THE SUBGRADE TO THE PROPOSED CROSS-SLOPE AND PROFILE PRIOR TO THE PLACEMENT OF ANY SUBBASE COURSE MATERIALS OR PAVEMENT MATERIALS.
- ALL EXISTING WATER VALVES, GAS VALVES, ELECTRIC/TELEPHONE HANDHOLES, MANHOLES AND ANY OTHER UTILITY SURFACE FEATURES SHALL BE ADJUSTED TO NEW FINISHED GRADE ELEVATION.
- ALL NEW CURBING SHALL BE BACKED WITH FILL AT A 1:5 SLOPE MINIMUM.

## COMPACTION NOTES

- THE CONTRACTOR SHALL STRIP THE TOPSOIL AND REMOVE ANY UNSUITABLE SOILS, WITHIN THE PROPOSED GRADING LIMITS PRIOR TO PLACEMENT OF FILL MATERIAL.
- ALL FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY OF STANDARD PROCTOR TEST AT OPTIMUM MOISTURE CONTENT.
- THE COMPACTION TESTS WILL BE CONDUCTED BY A LICENSED TESTING LABORATORY AND RESULTS SUBMITTED TO DESIGN ENGINEER.

## SOIL RESTORATION NOTES:

- TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12" USING CAT-MOUNTED RIPPER, TRACTOR MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUBSOILS.
- ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF 4" AND LARGER ARE CLEANED OFF SITE.
- APPLY TOPSOIL TO A DEPTH OF 4 INCHES FROM ALL AREAS BEING RETURNED TO GRASS.
- VEGETATE AS REQUIRED BY APPROVED PLAN.

## TOPSOIL AND SEEDING NOTES:

- THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR ROUGH GRADING AND RE-SPEARDING TOPSOIL IN ALL TURF AND LANDSCAPE AREAS (BEDS AND ISLANDS).
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR FINE GRADING AND PREPARATION OF ALL LAWN AND LANDSCAPE AREAS.
- REMOVE ALL EXISTING VEGETATION DURING GRADING PROCESS.
- APPLY MINIMUM OF SIX (6) INCHES OF CLEAN TOPSOIL (IMPORTED OR SCREEN ON-SITE) AND FINE GRADE, LEAVING TOPSOIL IN A LOOSE AND FRIABLE CONDITION FOR SEEDING.
- SLIME SOIL OR ADD OTHER ORGANIC AMENDMENTS AS NECESSARY TO ACHIEVE A SOIL PH BETWEEN 5.5 - 7.0.
- LANDSCAPE CONTRACTOR SHALL WORK OVER LAWN AREAS THAT HAVE REMAINED PARTIALLY INTACT, TOP DRESSING WITH SOIL, SCARIFYING, AND SEEDING TO FORM A SMOOTH, FULL, EVEN LAWN, FREE OF BARE SPOTS, INDENTATIONS, AND WEEDS.
- SEEDING SHOULD BE DONE IMMEDIATELY UPON COMPLETION OF FINE GRADING. SEED SHOULD BE PRESSED INTO THE SOIL TO CREATE GOOD SEED-TO-SOIL CONTACT, NO DEEPER THAN THE THICKNESS OF THE SEED.
- FERTILIZING: APPLY 10-10-10 FERTILIZER EVENLY AT THE RATE OF 20 POUNDS PER 1000 SQ. FT. NO FERTILIZER CONTAINING PHOSPHORUS IS PERMITTED ON SITE.
- SEED SHOULD BE APPLIED EITHER BY HAND BROADCASTING OR HYDRO SEEDING. TWO PASSES SHALL BE MADE IN PERPENDICULAR DIRECTIONS TO INSURE PROPER COVERAGE.

- LAWN SEED MIX:  
MIX A: SEEDING RATE: 6 LBS./1,000 SQ.FT  
LOW MAINTENANCE FESCUE LAWN  
PREFERRED SEED: LOW MAINTENANCE GRASS SEED MIX OR APPROVED EQUAL

- 25% FIRELY HARD FESCUE  
25% BIG HORN GT HARD/SHEEP  
20% INTRIGUE CHEWINGS FESCUE  
20% QUATRO SHEEP FESCUE  
10% MINOTAUR HARD FESCUE

- MIX B: SEEDING RATE: 4LBS./1,000 SQ.FT  
OCCASIONAL WET - WET LOCATIONS:  
20% RED TOP  
20% ALKALI GRASS  
10% AUTUMN BENTGRASS  
20% VIRGINIA WILD RYEGRASS  
20% FINE SEEDS  
10% FOWL BLUEGRASS

- DRY APPLICATION MULCH  
A. STRAW MULCH SHOULD BE APPLIED TO NEWLY SEEDED AREAS WITHIN 12 HOURS IF HYDRO MULCH IS NOT UTILIZED.  
B. DRY APPLICATION, STRAW, STALKS OF OATS, WHEAT, RYE OR OTHER APPROVED CROPS WHICH ARE FREE OF NOXIOUS WEEDS. WEIGHT SHALL BE BASED ON A 15 PERCENT MOISTURE CONTENT.  
C. DRY APPLICATION: WITHIN ONE DAY AFTER SEEDING, COVER THE SEEDED AREAS WITH A UNIFORM BLANKET OF STRAW MULCH AT THE RATE OF 100 POUNDS PER 1000 SQFT OF SEEDED AREA.

- HYDRO APPLICATION: APPLY APPROVED MULCH IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDED RATES OF APPLICATION, APPLY SEEDING MATERIALS WITH AN APPROVED HYDRO SEEDER.

A COLORED WOOD CELLULOSE FIBER PRODUCT SPECIFICALLY DESIGNED FOR USE AS A HYDRO-MECHANICAL APPLIED MULCH. ACCEPTABLE PRODUCT: CONWED HYDRO MULCH, CONWED FIBERS, 231 4TH STREET SW, HICKORY, NC

- FILL TANK WITH WATER AND AGITATE WHILE ADDING SEEDING MATERIALS. USE SUFFICIENT FERTILIZER, MULCH, AND SEED TO OBTAIN THE SPECIFIED APPLICATION RATE. ADD SEED TO THE TANK AFTER THE FERTILIZER AND MULCH HAVE BEEN ADDED. MAINTAIN CONSTANT AGITATION TO KEEP CONTENTS IN HOMOGENEOUS SUSPENSION. PROLONGED DELAYS IN APPLICATION OR AGITATION THAT MAY BE INJURIOUS TO THE SEED WILL BE THE BASIS OF REJECTION OF MATERIAL REMAINING IN TANK.

- DISTRIBUTE UNIFORMLY A SLURRY MIXTURE OF WATER, SEED, FERTILIZER, AND MULCH AT A MINIMUM RATE OF 57 GALLONS PER 1000 SQ FT (2500 GALLONS PER ACRE). THE OWNER AND PROJECT REPRESENTATIVE MAY ORDER THE AMOUNT OF WATER INCREASED IF DISTRIBUTION OF SEEDING MATERIALS IS NOT UNIFORM.

## SEEDING NOTES:

ALL AREAS OF THE PROJECT SITE THAT INVOLVE SOIL DISTURBING ACTIVITIES ARE REQUIRED TO PROVIDE THE FOLLOWING SEED MIXTURES DURING CONSTRUCTION:

ADD 6" TOPSOIL & TEMPORARY SEEDING: RYEGRASS (ANNUAL OR PERENNIAL) @ 30LBS. PER ACRE OR 0.7 LBS. PER 1000 SQUARE FEET.

ADD 6" TOPSOIL & PERMANENT SEEDING: 65% KENTUCKY BLUEGRASS BLEND @ 85LBS. PER ACRES OR 2.0-2.6 LBS. PER 1000 SQUARE FEET 20% PERENNIAL RYEGRASS @ 24-35 LBS. PER ACRE OR 0.6-0.8 LBS. PER 1000 SQUARE FEET 15% FINE FESCUE @ 19-26 LBS. PER ACRE OR 0.4-0.6 LBS. PER 1000 SQUARE FEET.

FOR ALL SEEDING & STABILIZATION MEASURES IT IS THE RESPONSIBILITY OF THE OWNER & DEVELOPER TO ENSURE THAT FINAL STABILIZATION OCCURS AS REQUIRED BY THE NYSDEC. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 7 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 7 DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASIN(S).

\*ALL SEED MIXTURES USED SHALL FOLLOW THE RECOMMENDATIONS OF THE NYS SEDIMENT AND EROSION CONTROL HANDBOOK.

## LANDSCAPING NOTES:

- CONTRACTOR SHALL OBTAIN ALL NECESSARY STATE AND LOCAL PERMITS REQUIRED. ALL CONSTRUCTION SHALL CONFORM TO APPLICABLE TOWN OF HENRIETTA, AND STATE DESIGN STANDARDS AND CODES.
- IT IS THE LANDSCAPE CONTRACTORS RESPONSIBILITY TO VISIT THE SITE PRIOR TO BID. SUBMITTAL TO BECOME FAMILIAR WITH EXISTING CONDITIONS AT THE SITE.
- STANDARDS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK", ANSI Z60.1 (LATEST EDITION) REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE THE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIALS DELIVERED AND INSTALLED ON THIS PROJECT.
- ALL PLANTS MUST BE HEALTHY, VIGOROUS AND FREE OF PESTS AND DISEASE.
- ALL PLANTS MUST BE HARDY UNDER CLIMATE CONDITIONS THAT EXIST AT THE PROJECT SITE AND GROWN AT A NURSERY IN THE SAME HARDINESS ZONE AS THE PROJECT LOCATION.
- ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED AND MEET SIZE REQUIREMENTS AS INDICATED ON THE PLANT LIST.
- ALL TREES MUST BE STRAIGHT-TRUNKED, INJURY FREE, HAVE A FULL, SYMMETRICAL CROWN (HEAD) AND MEET ALL REQUIREMENTS SPECIFIED (E.G. SINGLE STEM, MULTI-STEM, HEAVY BRANCHED, ETC.).
- CRABAPPLE AND PEAR VARIETIES ARE CONSIDERED A FALL PLANTING HAZARD. THE CONTRACTOR SHALL TAKE SPECIAL CARE IN PLANTING AND WATERING THESE PLANTS.
- ANY PROPOSED DEVIATION TO THE LANDSCAPE PLAN MUST FIRST BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS. THE BID PRICE SUBMITTED WILL ASSUME THAT ALL PLANT MATERIALS DELINEATED WILL BE SUPPLIED AND INSTALLED. ANY DISCREPANCIES IN THE QUANTITIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND/OR DESIGN LANDSCAPE ARCHITECT (OWNER'S REPRESENTATIVE) PRIOR TO COMPLETING A BID PRICE.
- ALL GRADING AND UTILITY WORK SHALL BE COMPLETED PRIOR TO INSTALLATION OF PLANT MATERIAL AND LANDSCAPE MULCH.
- THE FINAL LOCATION OF TREES AND OTHER LANDSCAPING SHALL BE DETERMINED IN THE FIELD BASED ON UTILITY STAKEOUT AND SHALL NOT CONFLICT WITH TRAFFIC SIGNS AND/OR UTILITIES. STAKE OUT SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.
- ANY CONCERNS RELATED TO SITE CONDITIONS AND/OR PLANT LOCATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- PLANTING BACKFILL MIXTURE: 4 PARTS TOPSOIL (ON-SITE OR IMPORTED), 1 PART PEAT MOSS, 1/2 PART ROTTED MANURE AND 10 LBS. 5-0-5
- PLANTING FERTILIZER, MIXED THOROUGHLY PER CUBIC YARD.
- MULCH ALL PLANT BEDS, AND INDIVIDUAL TREES IN LAWN AREAS WITH SHREDED HARDWOOD BARK MULCH TO A DEPTH OF THREE (3") INCHES UNLESS OTHERWISE SPECIFIED ON PLANNING DETAILS, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT DUE TO SITE CONDITIONS.
- ANY PLANT WHICH TURNS BROWN, DEFOLIATES OR DIES PRIOR TO FINAL ACCEPTANCE BY THE OWNER, OR DESIGN LANDSCAPE ARCHITECT, SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH THE SAME PLANT (SPECIES, VARIETY AND SIZE) AS SPECIFIED ON THE PLANT SCHEDULE (LIST).
- THE CONTRACTOR SHALL MAINTAIN ALL PLANT MATERIALS AND LAWN AREAS UNTIL THE PROJECT HAS RECEIVED FINAL ACCEPTANCE BY THE OWNER OR OWNER'S REPRESENTATIVE. MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO: WATERING, MULCHING, FERTILIZING, SPRAYING (FUNGICIDE, PESTICIDE, ANTI-DESICANT), AS WELL AS RAISING PLANTS THAT HAVE SETTLED TOO DEEP OR REQUIRE STRAIGHTENING.

- ALL AREAS DISTURBED BY SITE GRADING AND/OR UTILITY INSTALLATION SHALL RECEIVE APPROVED TOPSOIL (BASED ON APPROVED SAMPLES SUBMITTED BY THE CONTRACTOR) AND SPREAD TO A DEPTH NOT LESS THAN SIX (6") INCHES AFTER COMPACTION. TOPSOIL PLACED FOR LAWNS SHALL BE FINE GRADED, SEEDED, MULCHED AND WATERED UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED. THIS IS EXCLUDING FOUNDATION PLANT BEDS, AND ENTRANCE AREAS.

- LOCATIONS OF EXISTING BURIED UTILITIES SHOWN ON THE SITE PLAN ARE BASED UPON THE BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE TO CALL FOR A UTILITY STAKEOUT PRIOR TO COMMENCING PLANT INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, AND SITE APPURTENANCES WHICH OCCURS AS A RESULT OF LANDSCAPE INSTALLATION OPERATIONS.

- EXISTING TREES INDICATED TO BE REMOVED SHALL OCCUR UNDER THE SITE CONTRACT FOR THIS PROJECT. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR NEW PLANTINGS OR RESTORATION OF THE DISTURBED AREA (LAWNS, PLANT BEDS, ISLANDS).
- PRE-EMERGENT HERBICIDE SHALL BE USED UNDER MULCH IN ALL TREE AND PLANT BED AREAS.

- ALL SHRUB BEDS ADJACENT TO LAWN AREAS SHALL HAVE A SPADED EDGE BORDER, UNLESS METAL EDGE, CONCRETE, OR OTHER BORDER IS SPECIFIED.

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## ELECTRIC & GAS SERVICE COORDINATION NOTES:

- ELECTRIC AND PLUMBING CONTRACTORS SHALL COORDINATE WITH EACH OTHER AND DIRECTLY WITH ROCHESTER GAS & ELECTRIC (RG&E) ELECTRIC AND GAS DEPARTMENTS FOR METER AND SERVICE LOCATIONS PRIOR TO INSTALLATION.
- ELECTRIC AND PLUMBING CONTRACTORS SHALL ALLOW FOR THE NECESSARY PROVISIONS WHEN INSTALLING METERS AND SERVICES IN ACCORDANCE WITH RG&E DESIGN AND INSTALLATION GUIDELINES.
- ELECTRIC AND PLUMBING CONTRACTORS SHALL DIRECTLY COORDINATE WITH EACH OTHER AND DIRECTLY WITH RG&E FOR ELECTRIC AND GAS START-UP.

## PUBLIC WATER SERVICE LINE NOTES

### (4" & GREATER):

- WATER SERVICE (2) LINES (LATERALS) SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATION AND SPECIFICATIONS OF THE MONROE COUNTY WATER AUTHORITY.
- WATER SERVICE (2) LINES SHALL HAVE A MINIMUM OF FIVE FEET OF COVER FROM FINISHED GRADE IN LAWN AREAS AND SIX FEET COVER FROM FINISHED GRADE IN PAVED AREAS.
- WATER SERVICE (2) LINES SHALL BE SEPARATED AT LEAST TEN FEET, MEASURED FROM THE OUTSIDE OF THE PIPES, FROM SEWER MAINS OR SEPTIC SYSTEMS.
- WATER SERVICE LINES SHALL BE AS IDENTIFIED AS:

DESCRIPTION	SIZE	MATERIAL (G) TYPE (D)
MCWA PORTION - FROM THE WATER MAIN TO AND INCLUDING THE CONTROL VALVE ON THE ROW/PROPERTY/EASEMENT LINE	6"	D.I.P.* CMB
PRIVATE PORTION - FROM THE CONTROL VALVE TO THE 8"	8"	D.I.P.* CMB

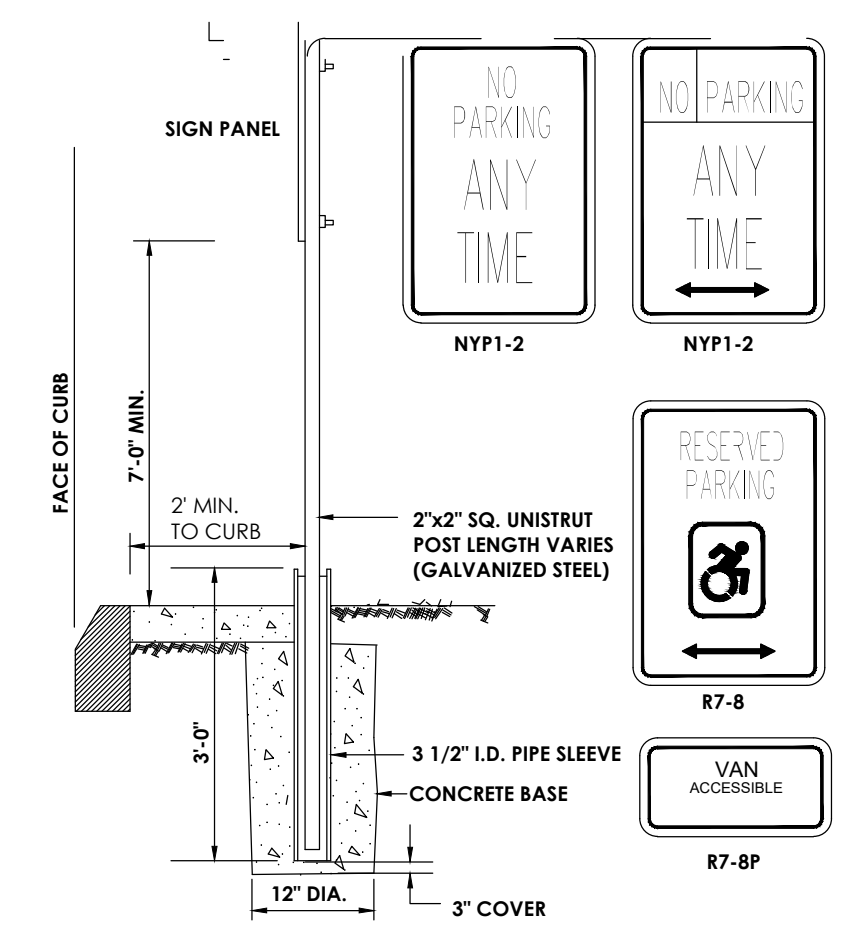
- ACCEPTABLE MATERIAL IS "CLASS 52 CEMENT MORTAR LINED DUCTILE IRON PIPE
- SERVICE TYPES INCLUDE: DOMESTIC - DS, FIRE = FS, OR COMBINED = CMB
- THE MCWA PORTION OF THE WATER SERVICE LINE SHALL BE INSTALLED TO THE PRIVATE PORTION OF THE SERVICE LINE.
- WATER METERS) TO BE LOCATED ON THE INTERIOR OF EXTERIOR WALL(S) IMMEDIATELY UPON SERVICE ENTRANCE INTO THE BUILDING(S). RESIDENTIAL SERVICES: A BY-PASS ASSEMBLY IS NOT REQUIRED UNDER THE INSTALLATION OF 1/2 INCH THROUGH 2-INCH METERS. NON-RESIDENTIAL SERVICES: THE INSTALLATION OF AN 1/2 INCH INCH OR LARGER REQUIRES A BY-PASS ASSEMBLY ABOVE THE METER.
- WATER SERVICE LINES SIZED 4-INCHES OR GREATER SHALL BE "PRESSURE TESTED TO 200 PSI IN ACCORDANCE WITH THE LATEST SPECIFICATIONS OF THE MONROE COUNTY WATER AUTHORITY. A WATER AUTHORITY REPRESENTATIVE MUST WITNESS THIS TEST.
- "DISINFECTED" USING THE CONTINUOUS FEED METHOD ACCORDING TO AWWA STANDARD SPECIFICATIONS, AFTER FLUSHING AND DISINFECTING THE SERVICE LINE. WATER SAMPLES SHALL BE COLLECTED BY THE MONROE COUNTY DEPARTMENT OF HEALTH. APPROVAL AND NOTIFICATION BY THE HEALTH DEPARTMENT MUST BE RECEIVED BEFORE THE LATERAL IS PLACED IN SERVICE.

## STORM NOTES

- STORM SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE LATEST REGULATIONS OF THE MUNICIPALITY
- PROPOSED STORM SEWER LATERAL MATERIAL: PVC SDR-21 6" MIN. SIZE & SHALL BE LAID AT A MINIMUM GRADE OF 1/4" PER FT. TO STORM SEWER MATERIAL: ADS HOPE 12" MIN.
- FOUNDATION DRAINS SHALL BE CONNECTED TO STORM WATER SYSTEM VIA SUMP PUMPS. DOWNSPOUTS SHALL BE CONNECTED TO STORM SEWER WHERE APPLICABLE, WHERE NOTED ON THE PLANS DOWNSPOUTS SHALL DISCHARGE TO SPLASH BLOCKS.
- UPON COMPLETION OF SYSTEM INSTALLATION, THE MAIN SEWER SYSTEM AND LEADS TO STRUCTURES SHALL BE FLUSHED AND LAMPED TO THE SATISFACTION OF THE MUNICIPALITY.

- SANITARY SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE LATEST REGULATIONS OF THE STATE, COUNTY AND LOCAL MUNICIPALITY
- MATERIALS  
- MANS - PIPING SHALL BE POLYVINYL CHLORIDE (PVC) WITH ENDS SUITABLE FOR ELASTOMERIC GASKET JOINTS, AND A MINIMUM WALL THICKNESS OF SDR-35. PIPING AND FITTINGS SHALL MEET:  
ASTM D-3034 (4" THRU 15")  
ASTM F-679 (18" THRU 48")  
- LATERALS - 4" MIN. INSTALLED AT 1/2" PER FOOT MIN. PIPING SHALL BE POLYVINYL CHLORIDE (PVC) WITH ENDS SUITABLE FOR ELASTOMERIC GASKET JOINTS, AND A MINIMUM WALL THICKNESS OF SDR-21. PIPING AND FITTINGS SHALL MEET ASTM D-2241.  
- JOINTING MATERIALS - SHALL BE BELL-AND-SPIGOT WITH INTEGRAL PUSH ON TYPE ELASTOMERIC GASKET JOINTS, GASKET MATERIAL TO BE NEOPRENE MEETING ASTM D-3212.  
- MANHOLES - SHALL BE PRECAST CONCRETE WITH NEOPRENE GASKETS MEETING ASTM C-478 & ASTM C-443.
- INFILTRATION AND EXFILTRATION FOR SANITARY SEWERS SHALL BE LIMITED TO 100 GALLONS PER MILE PER INCH DIAMETER OF PIPE PER 24 HOURS.
- AN AIR TEST IS REQUIRED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM C-828-80, ENTITLED STANDARD PRACTICE FOR LOW PRESSURE AIR TEST OF VITRIFIED CLAY PIPELINES; SANITARY MANHOLES SHALL BE TESTED FOR EXFILTRATION.
- VACUUM TESTING OF MANHOLES IS REQUIRED, THE CONTRACTOR IS CAUTIONED TO SPEAK TO THE SUPERINTENDENT OF SEWERS PRIOR TO COMMENCING WITH PLANS TO VACUUM TEST.
- DEFLECTION TEST - TEN STATE STANDARDS.  
6.A. 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.  
6.B. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDRELL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.  
6.C. NO PIPE SHALL EXCEED A DEFLECTION OF 5%.
- ALL SANITARY SEWER INSTALLATION SHALL BE MADE IN CONFORMANCE WITH THE SPECIFICATIONS, REGULATIONS, AND POLICIES OF THE HENRIETTA SEWER DISTRICT.
- ALL SANITARY SEWERS SHALL BE TESTED PRIOR TO ANY INSTALLATIONS TO CONFIRM DOWNSTREAM SEWER CONDITION, AFTER FINAL BACKFILL IS IN PLACE AT LEAST 30 DAYS.
- FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY SEWER/COMBINATION SEWER. (FLOOR DRAINS DO NOT INCLUDE FOUNDATION/FOOTER DRAINS). DISCHARGES TO THE SANITARY / COMBINATION SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.
- SEPARATION - 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 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 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

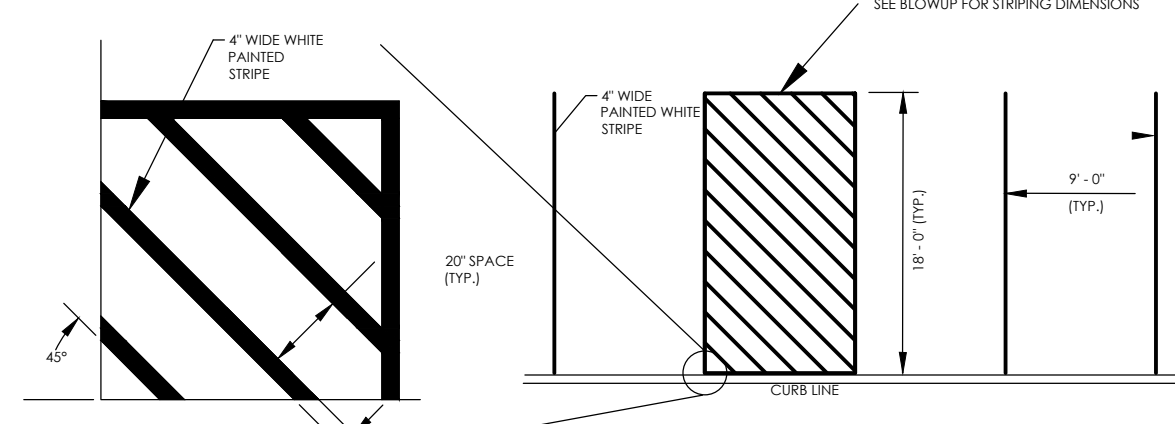




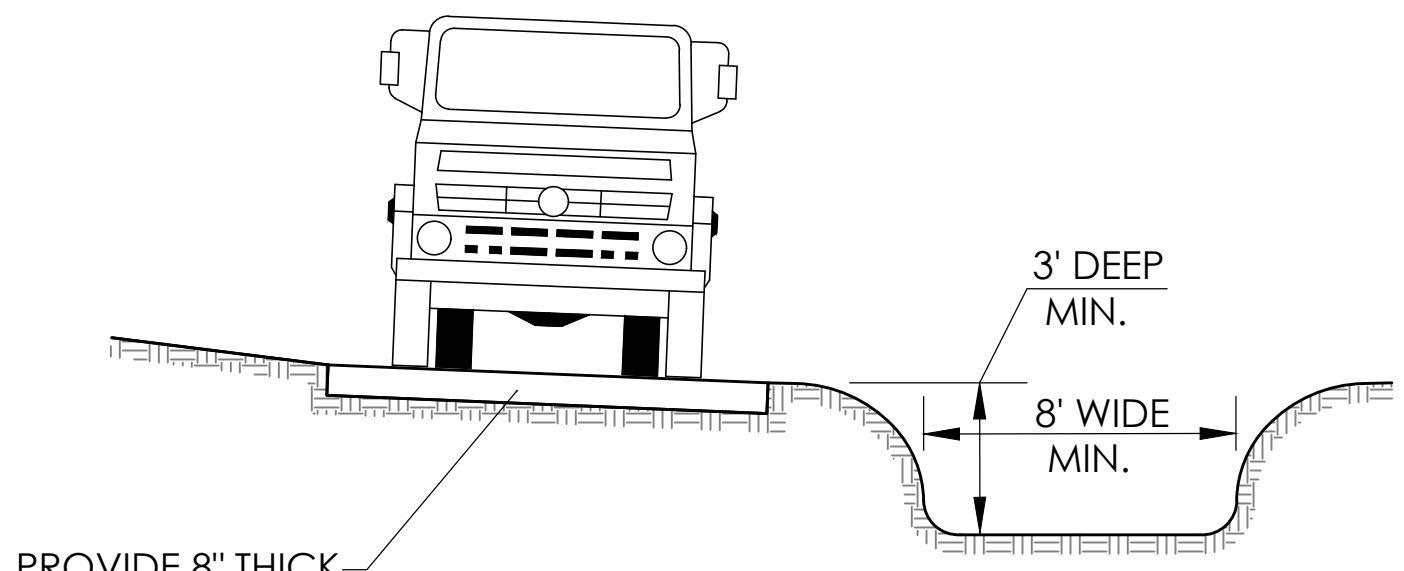
**TYPICAL POST MOUNT HANDICAP SIGN INSTALLATION**  
(SIGN IN LANDSCAPE AREA OR SIDEWALK)  
N.T.S.



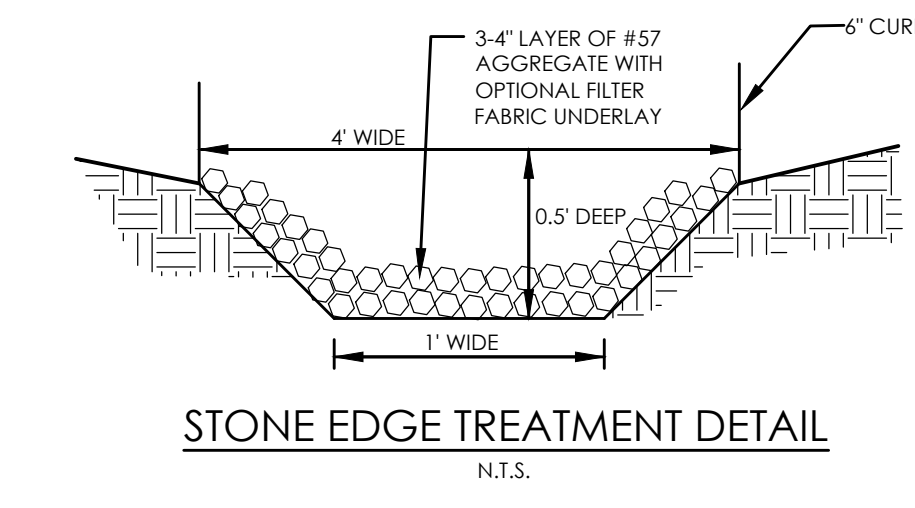
**MODIFIED INTERNATIONAL SYMBOL OF ACCESS**



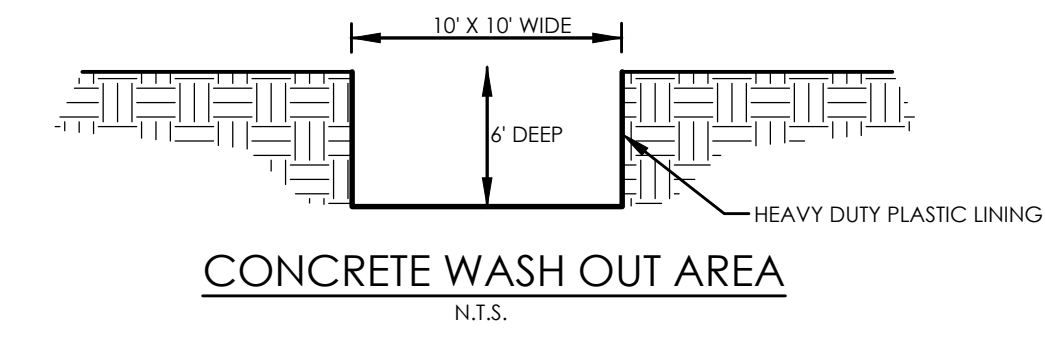
**TYPICAL PARKING PAVEMENT MARKING LAYOUT**  
N.T.S.



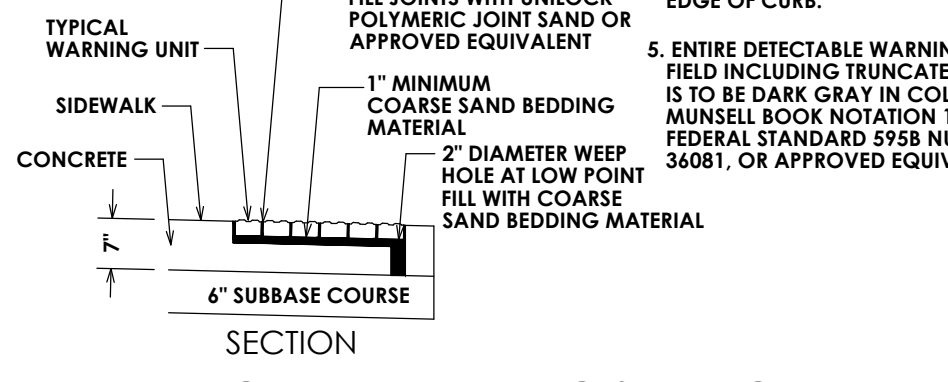
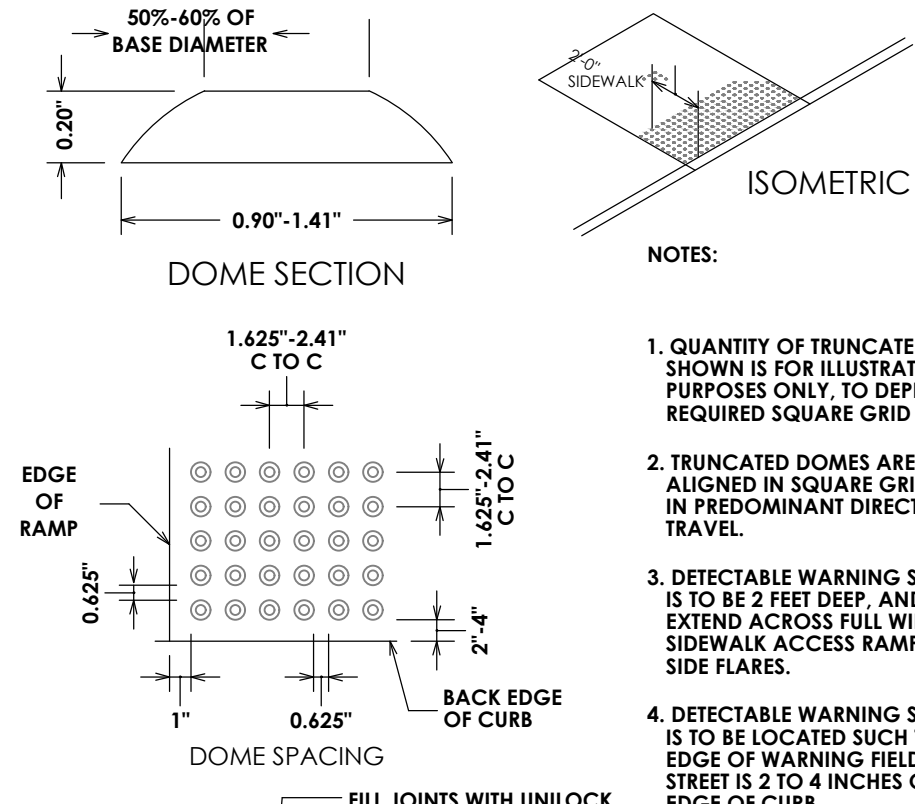
**TRUCK WASHDOWN AREA**  
N.T.S.



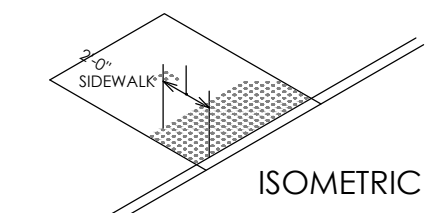
**STONE EDGE TREATMENT DETAIL**  
N.T.S.



**CONCRETE WASH OUT AREA**  
N.T.S.

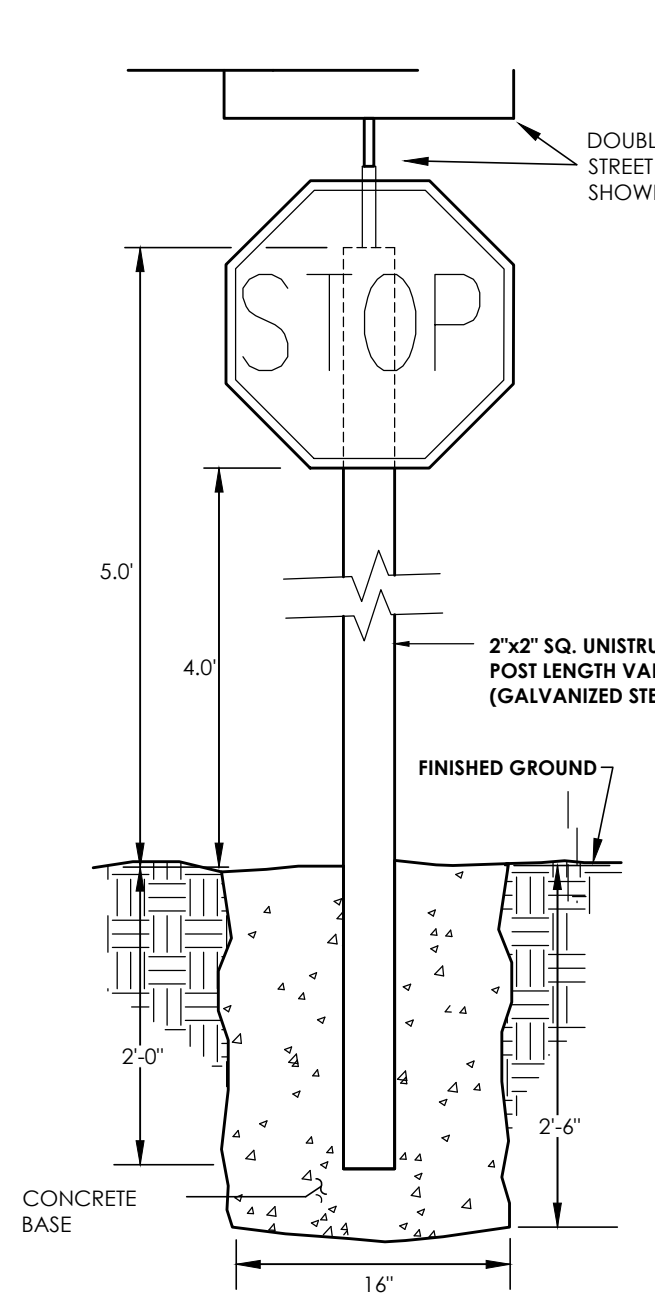


**DETECTABLE WARNING SURFACE DETAIL**  
N.T.S.

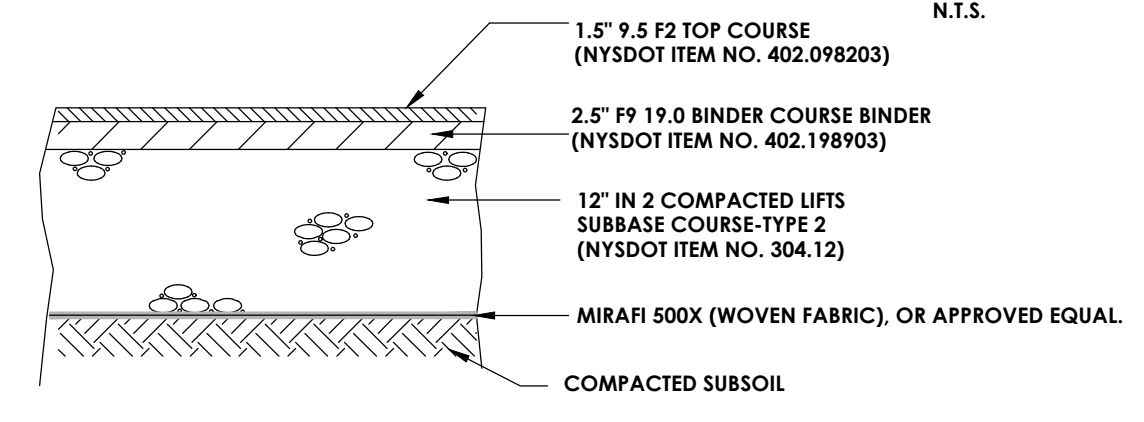


NOTES:

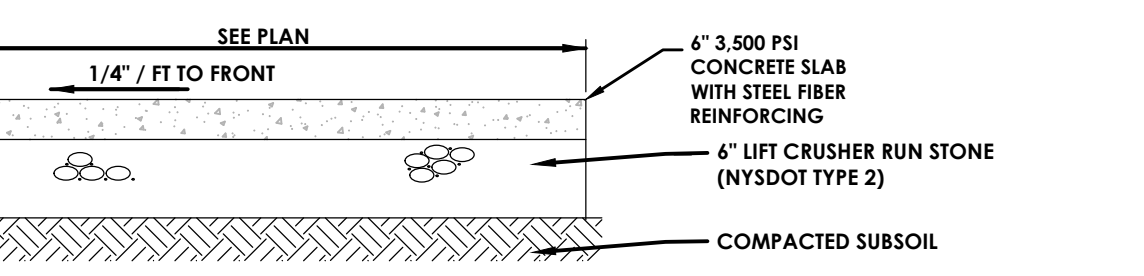
1. QUANTITY OF TRUNCATED DOMES SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY. TO DEPICT REQUIRED SQUARE GRID PATTERN.
2. TRUNCATED DOMES ARE TO BE ALIGNED IN SQUARE GRID PATTERN IN PREDOMINANT DIRECTION OF TRAVEL.
3. DETECTABLE WARNING SYSTEM FIELD IS TO BE 2 FEET DEEP, AND IS TO EXTEND ACROSS FULL WIDTH OF SIDEWALK ACCESS RAMP, BUT NOT UP SIDE FLARES.
4. DETECTABLE WARNING SYSTEM FIELD IS TO BE LOCATED SUCH THAT OUTER EDGE OF WARNING FIELD NEAREST TO STREET IS 2 TO 4 INCHES OFF BACK EDGE OF CURB.
5. ENTIRE DETECTABLE WARNING SYSTEM INCLUDING TRUNCATED DOMES, IS TO BE DARK GRAY IN COLOR. PER MUSELL BOOK NOTATION 1085 3/1, FEDERAL STANDARD 595B NUMBER 36081, OR APPROVED EQUIVALENT.



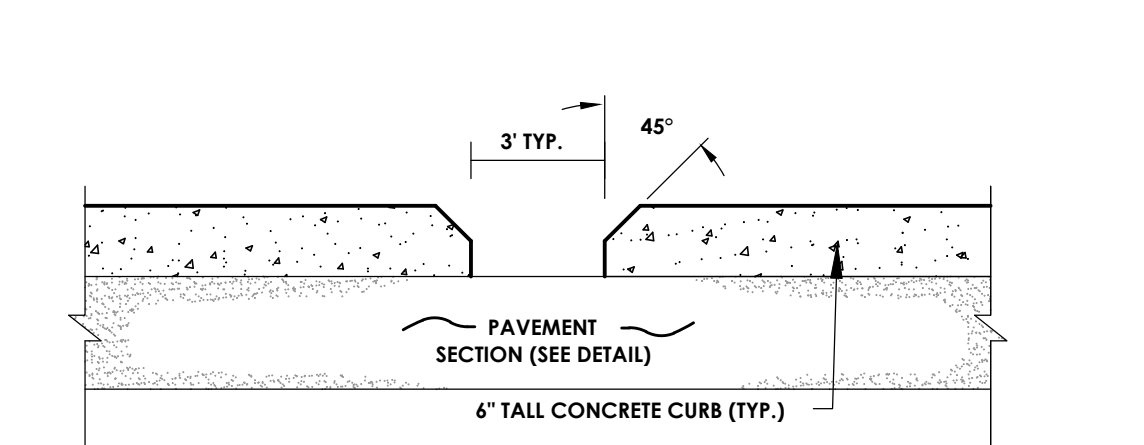
**TIMBER SIGN POST (OUTSIDE R.O.W.)**  
N.T.S.



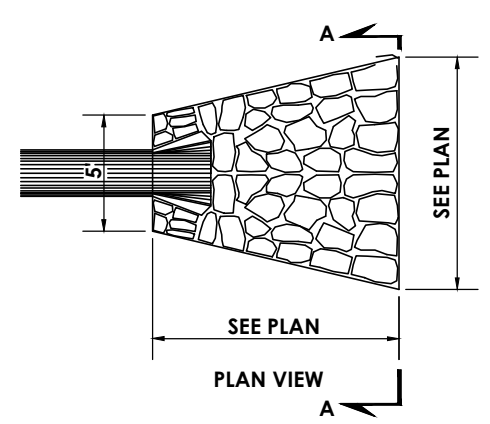
**PAVEMENT SECTION**  
N.T.S.



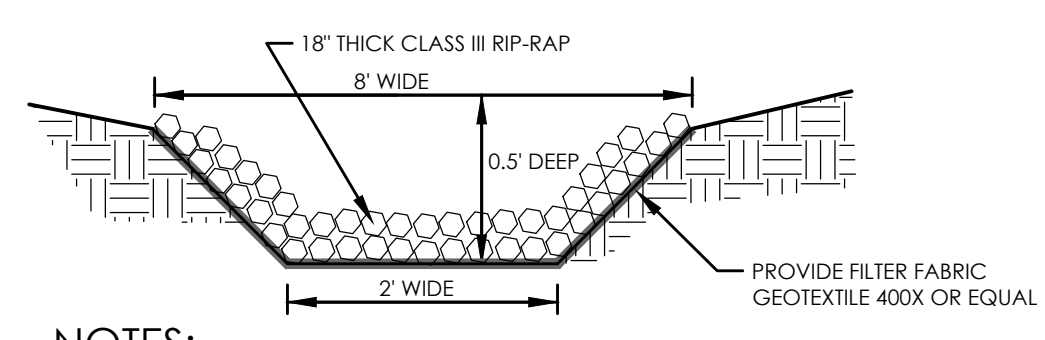
**CONCRETE SECTION**  
N.T.S.



**DRAINAGE RELIEF IN CURB**  
N.T.S.

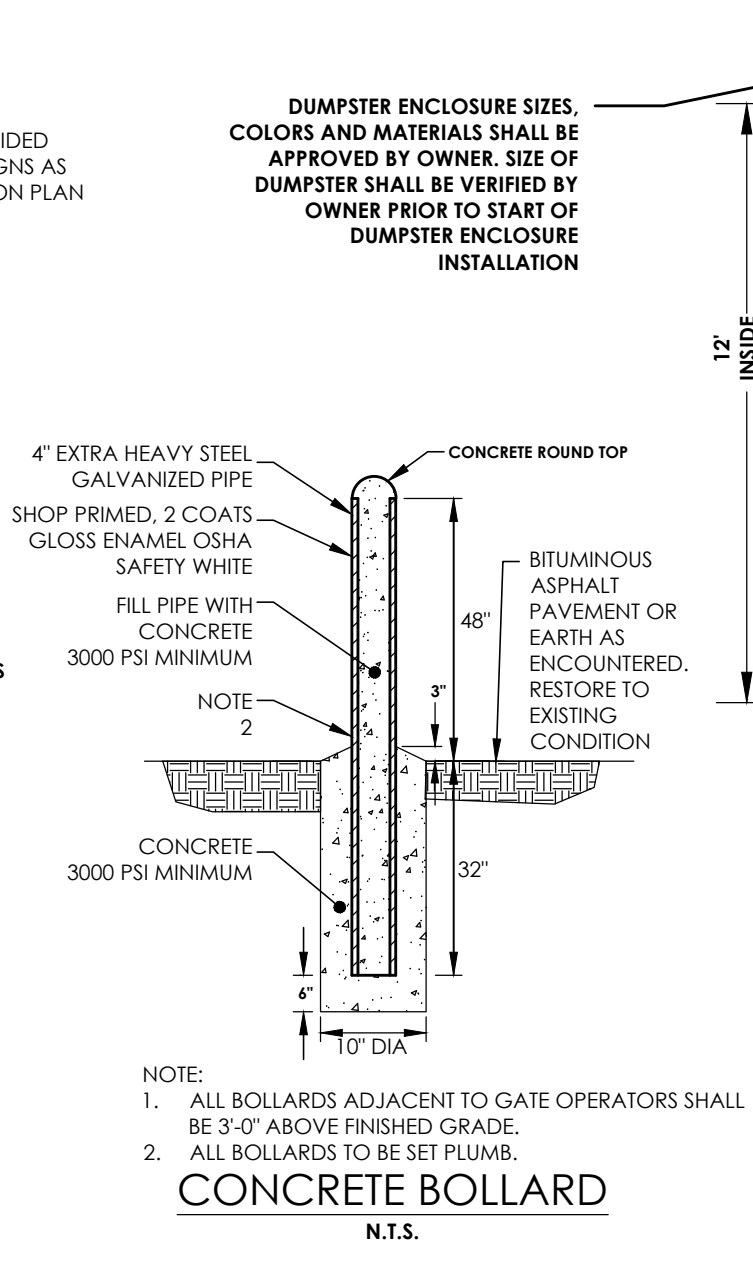


**RIP-RAP DETAIL**  
N.T.S.



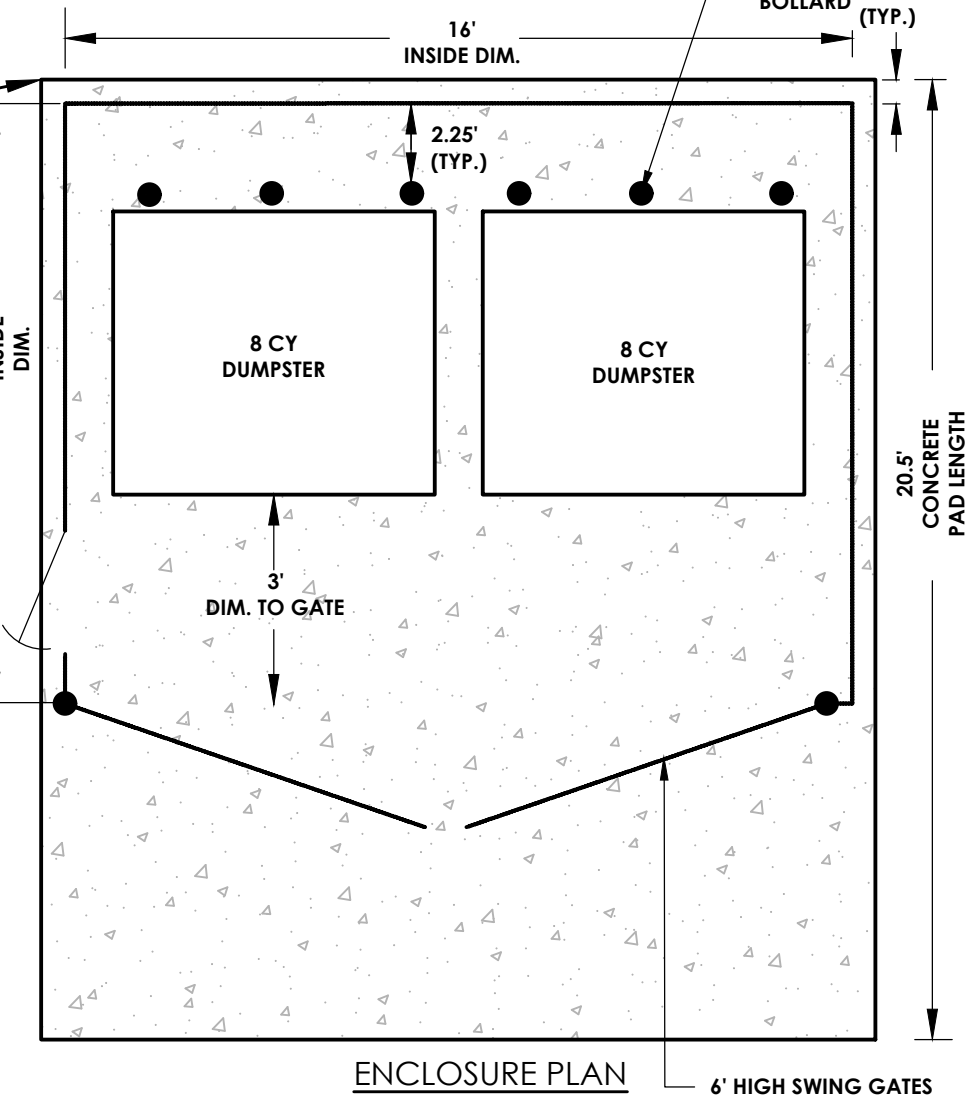
**8' WIDE POND SPILLWAY DETAIL**  
N.T.S.

- NOTES:
1. SLOPE SHALL BE GRADED TO 2:1 OR FLATTER PRIOR TO PLACING FILTER MATERIAL AND RIP RAP.
  2. RIP RAP SHALL BE PLACED TO MAINTAIN A UNIFORM GRADATION. LARGER STONE SHALL BE PLACED AT THE TOE.
  3. ENDS OF THE RIP RAP SHALL BE KEYED INTO A STABLE BANK. WHEN TYING INTO OTHER STRUCTURES, LARGER RIPRAP CAN BE LAID IN STEPS OR STACKED AS NEEDED TO FIT. STONES LARGER THAN THOSE DESIGNATED FOR FLOW (12) SHALL BE USED FOR THIS PURPOSE.

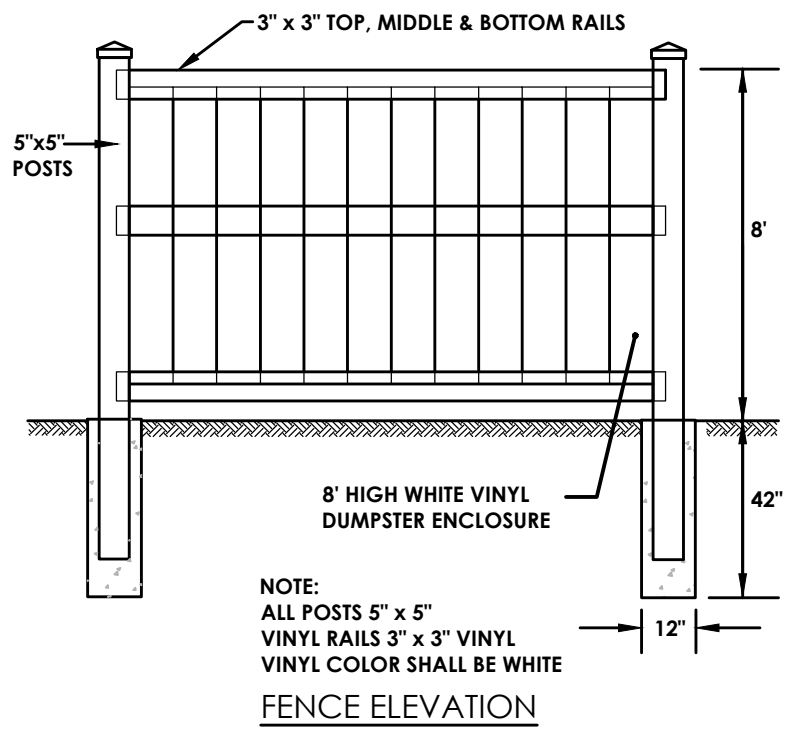


**CONCRETE BOLLARD**  
N.T.S.

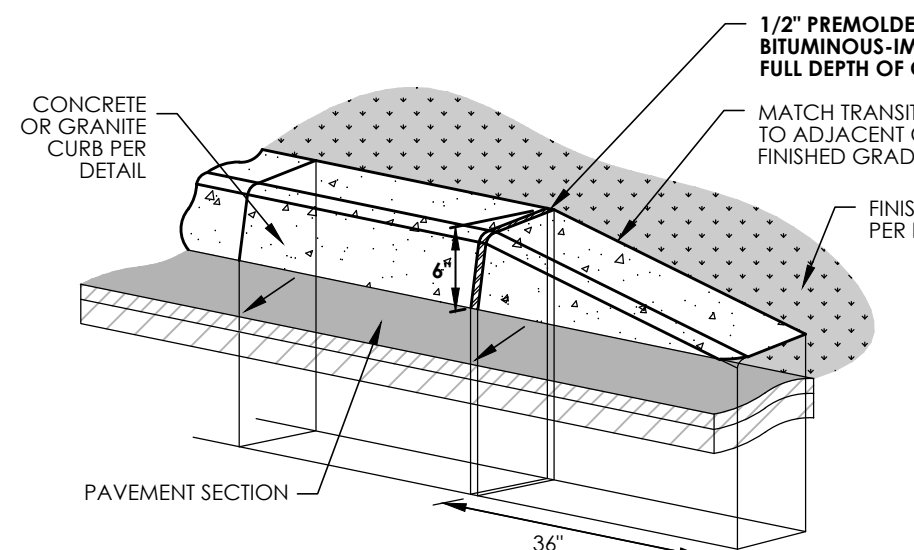
- NOTE:
1. ALL BOLLARDS ADJACENT TO GATE OPERATORS SHALL BE 3'-0" ABOVE FINISHED GRADE.
  2. ALL BOLLARDS TO BE SET PLUMB.



**DUMPSTER ENCLOSURE DETAIL**  
N.T.S.

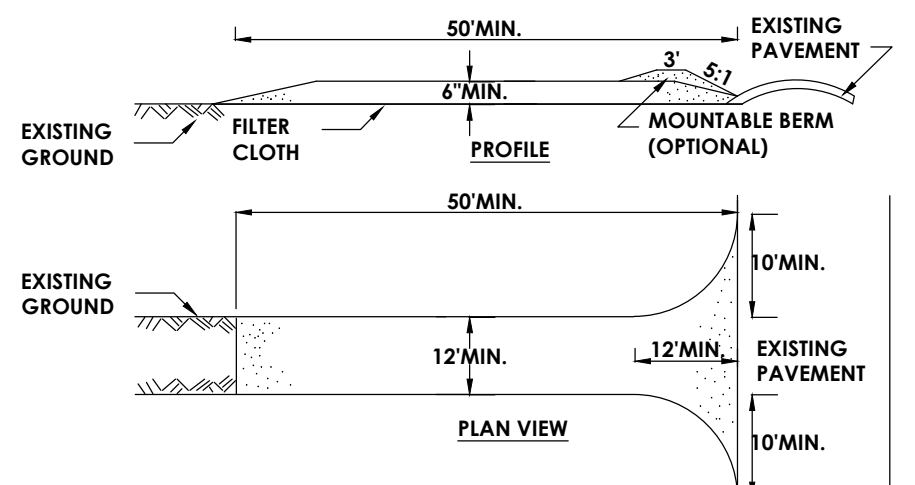


**FENCE ELEVATION**  
N.T.S.



**TRANSITION CURB TO GRADE**  
N.T.S.

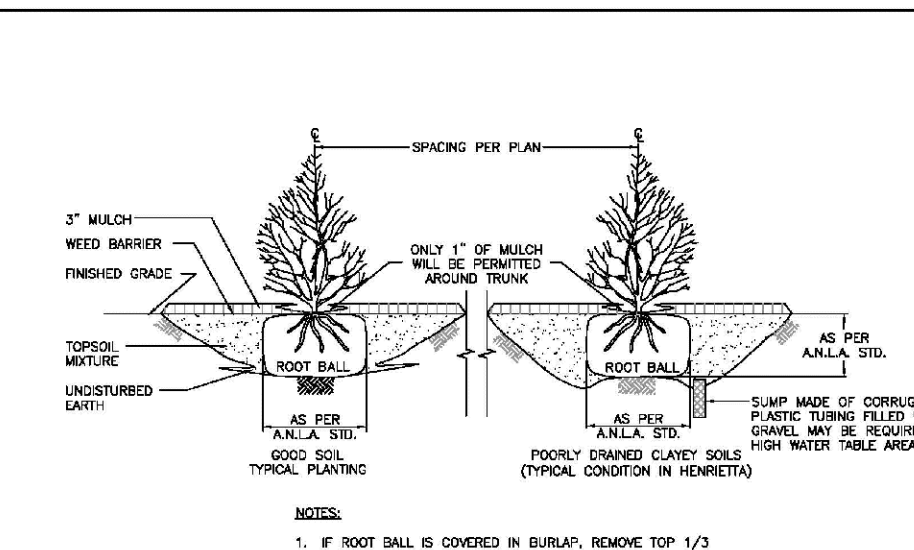
- NOTE:
1. TRANSITION CURB LENGTHS SHALL BE 36" UNLESS OTHERWISE INDICATED IN THE DRAWINGS.



**CONSTRUCTION SPECIFICATIONS**

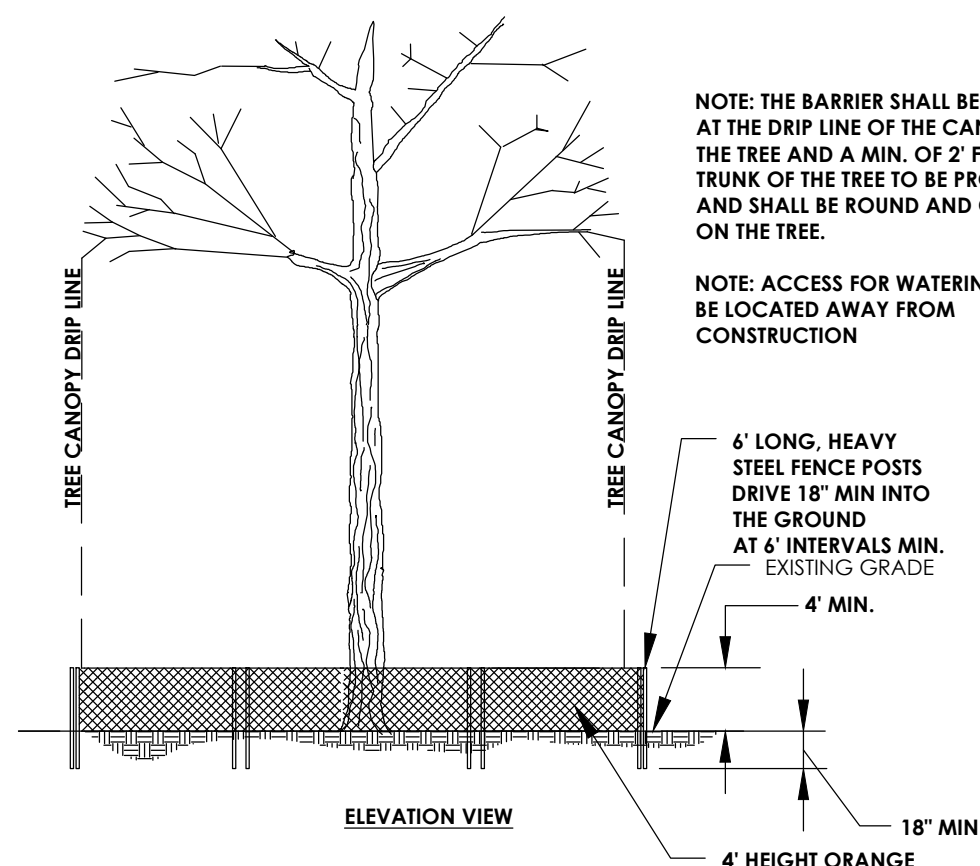
1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. 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.
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

**STABILIZED CONSTRUCTION ENTRANCE**  
N.T.S.



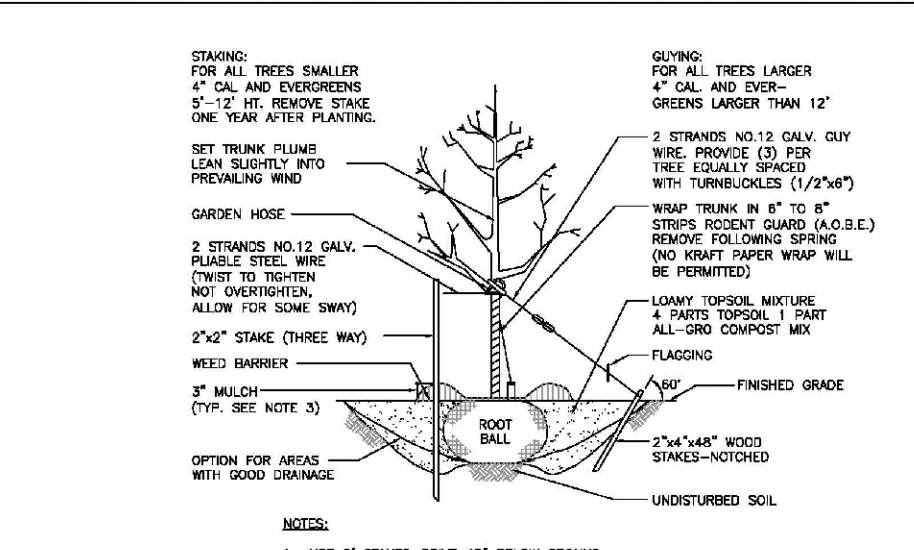
**TYPICAL SHRUB PLANTING DETAIL**  
SCALE: N.T.S. DATE: 10/10/2012 M-4a

- NOTES:
1. IF ROOT BALL IS COVERED IN BURLAP, REMOVE TOP 1/3 OF THE BURLAP.
  2. PRUNE BROKEN BRANCHES TO RETAIN NATURAL FORM OF THE SHRUB.



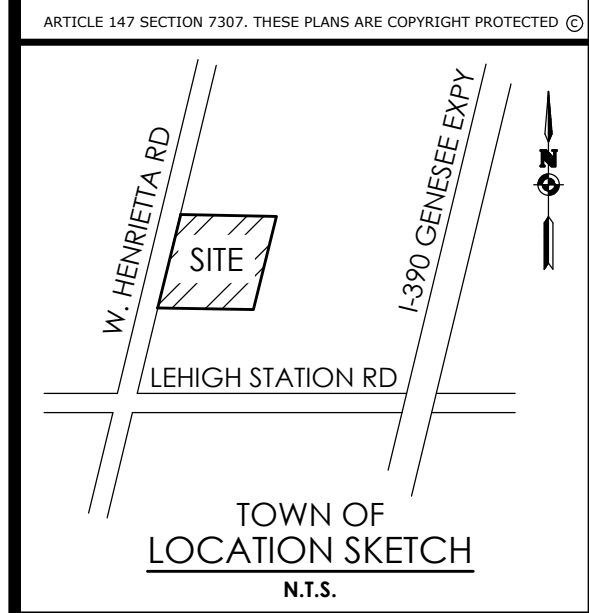
**TREE PROTECTION DETAIL**  
N.T.S.

- NOTE: THE BARRIER SHALL BE LOCATED AT THE DRIP LINE OF THE CANOPY OF THE TREE AND A MIN. OF 2' FROM THE TRUNK OF THE TREE TO BE PROTECTED, AND SHALL BE ROUND AND CENTERED ON THE TREE.
- NOTE: ACCESS FOR WATERING SHALL BE LOCATED AWAY FROM CONSTRUCTION



**TYPICAL TREE PLANTING DETAIL**  
SCALE: N.T.S. DATE: 11/10/2011 M-4b

- NOTES:
1. USE 8" STAKES-DRIVE 48" BELOW GROUND.
  2. ROOT COLLAR TO BE SLIGHTLY ABOVE SURROUNDING GRADE.
  3. MULCH CAN NOT BE MORE THAN 1" THICK AT ROOT COLLAR EXTENDING OUT AT LEAST 6" FROM THE BARK. THICK IT CAN BE THICKENED.
  4. MULCH IS TO BE PLACED 3" TO 6" AWAY FROM THE TRUNK.



**TOWN OF LOCATION SKETCH**  
N.T.S.

Client:  
4700 WEST HENRIETTA ROAD LLC  
7487 FOURTH SECTION RD  
BROCKPORT, NY 14420

**PASSERO ASSOCIATES**  
242 West Main Street Suite 100  
Rochester, New York 14614  
Principal-in-Charge: David Cox, P.E.  
Project Manager: Joshua Saxton, E.I.T.  
Designed by: James Ritzenthaler, E.I.T.



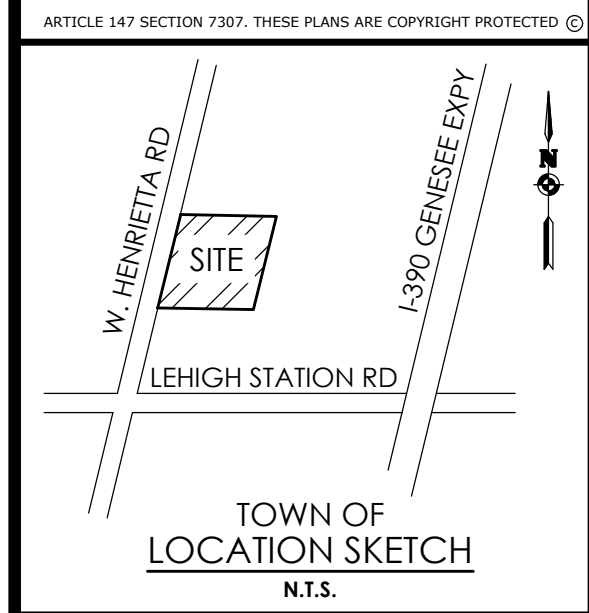
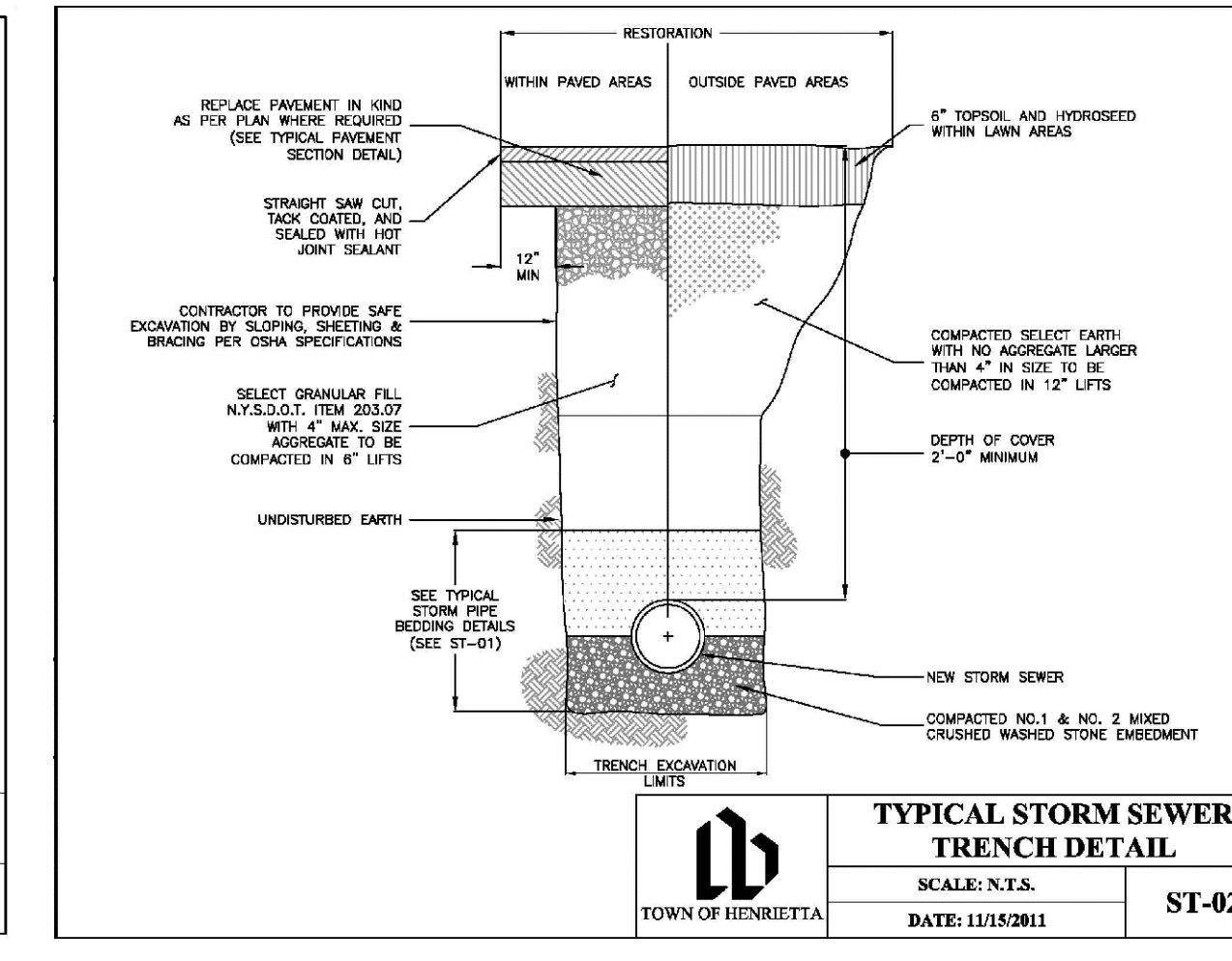
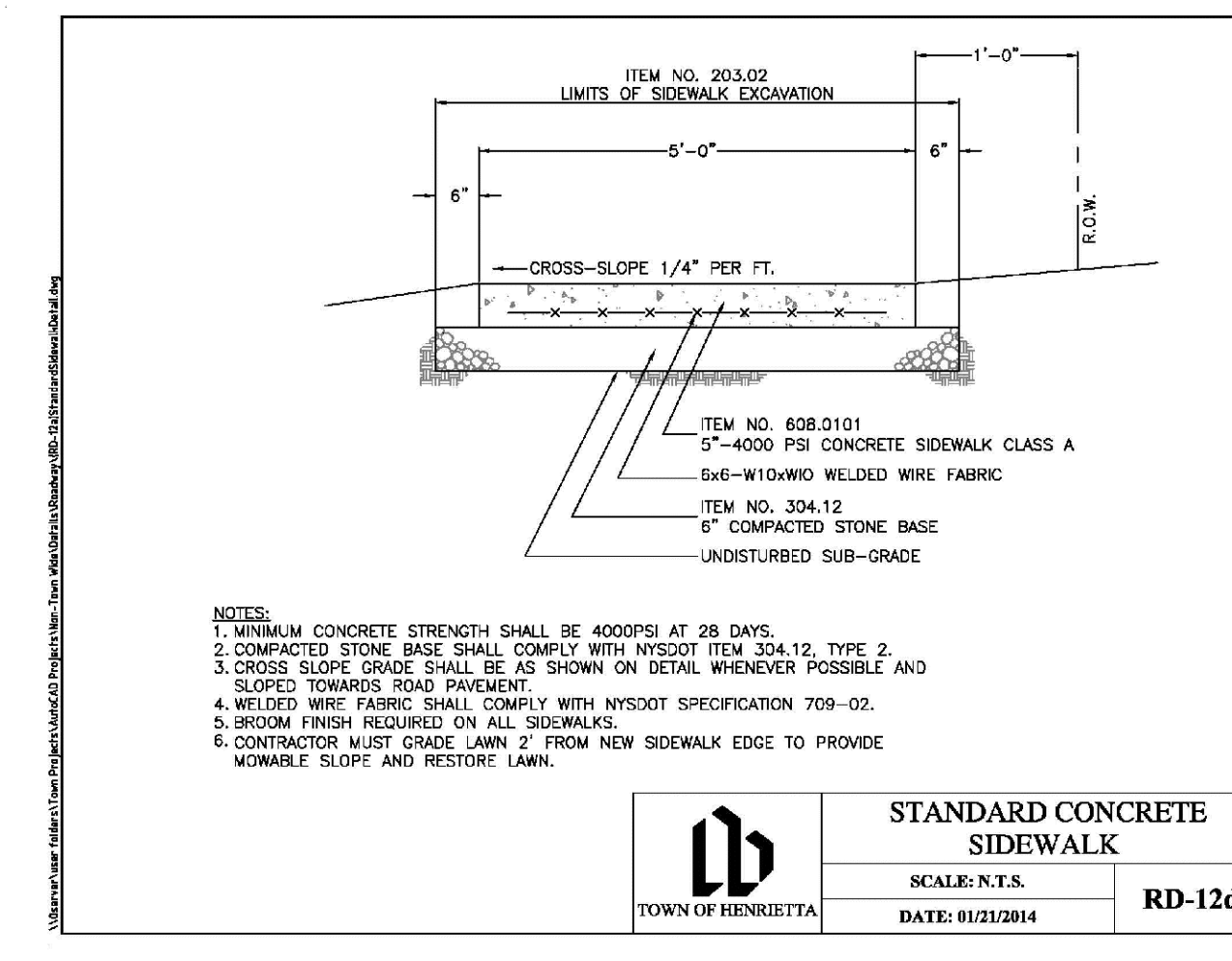
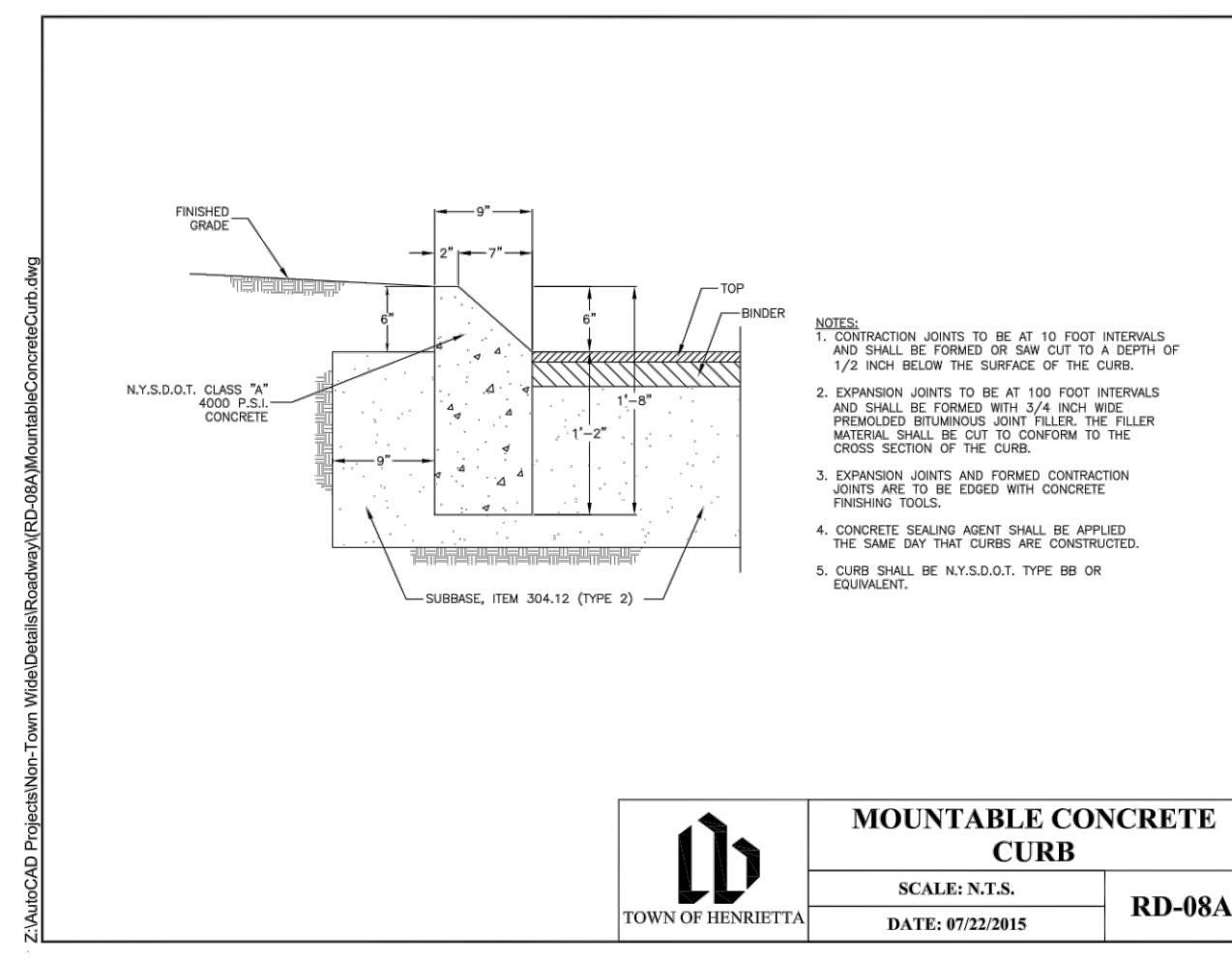
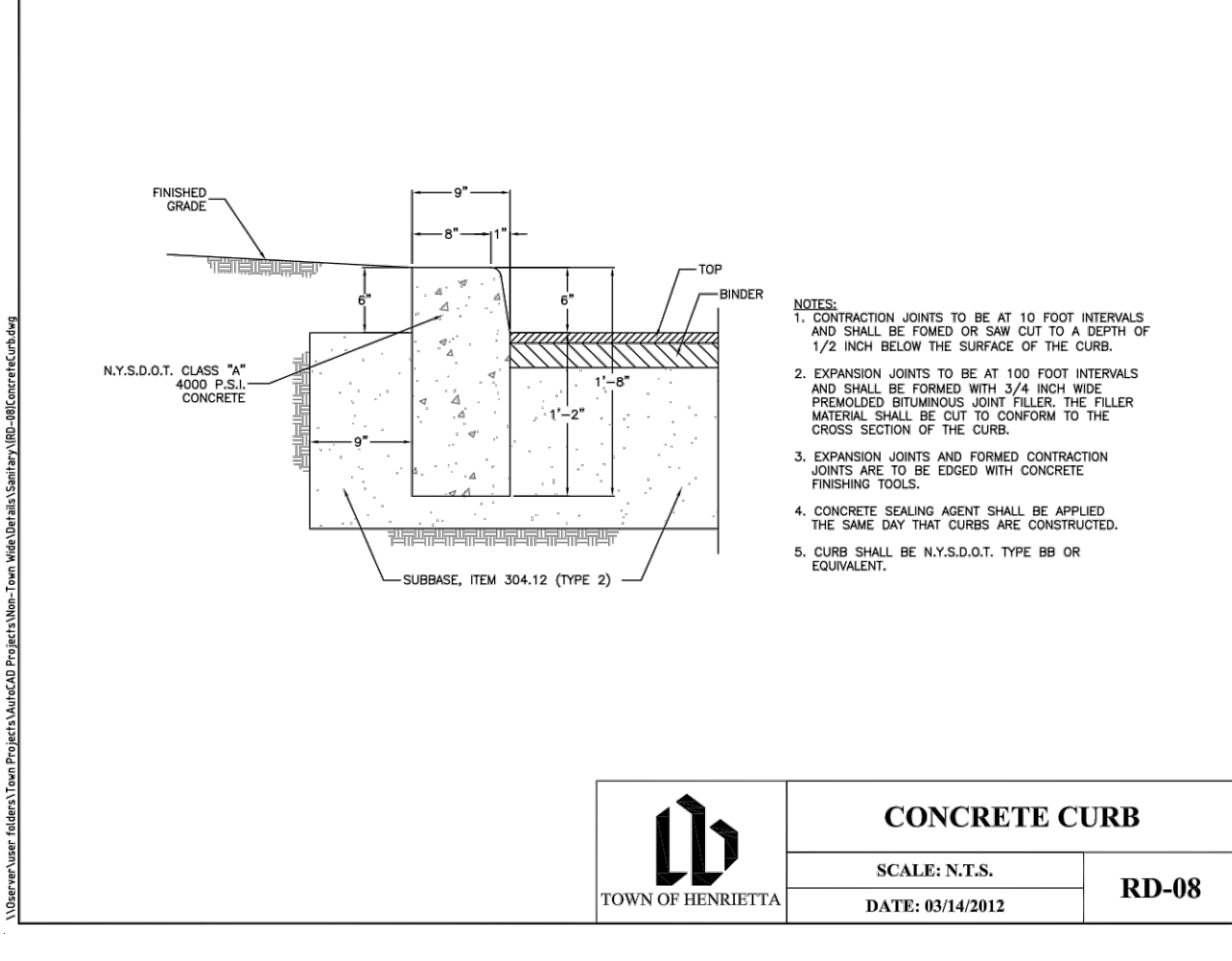
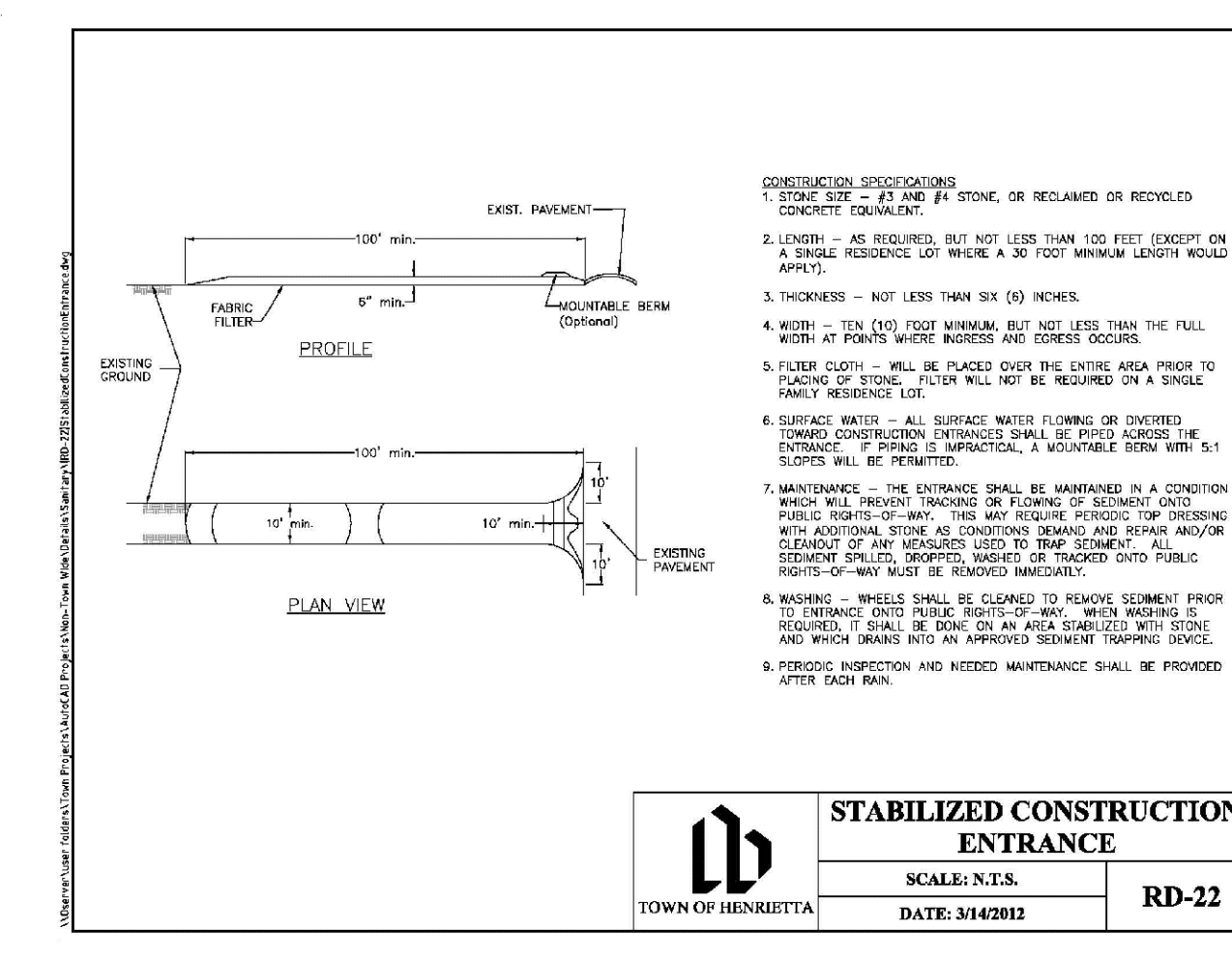
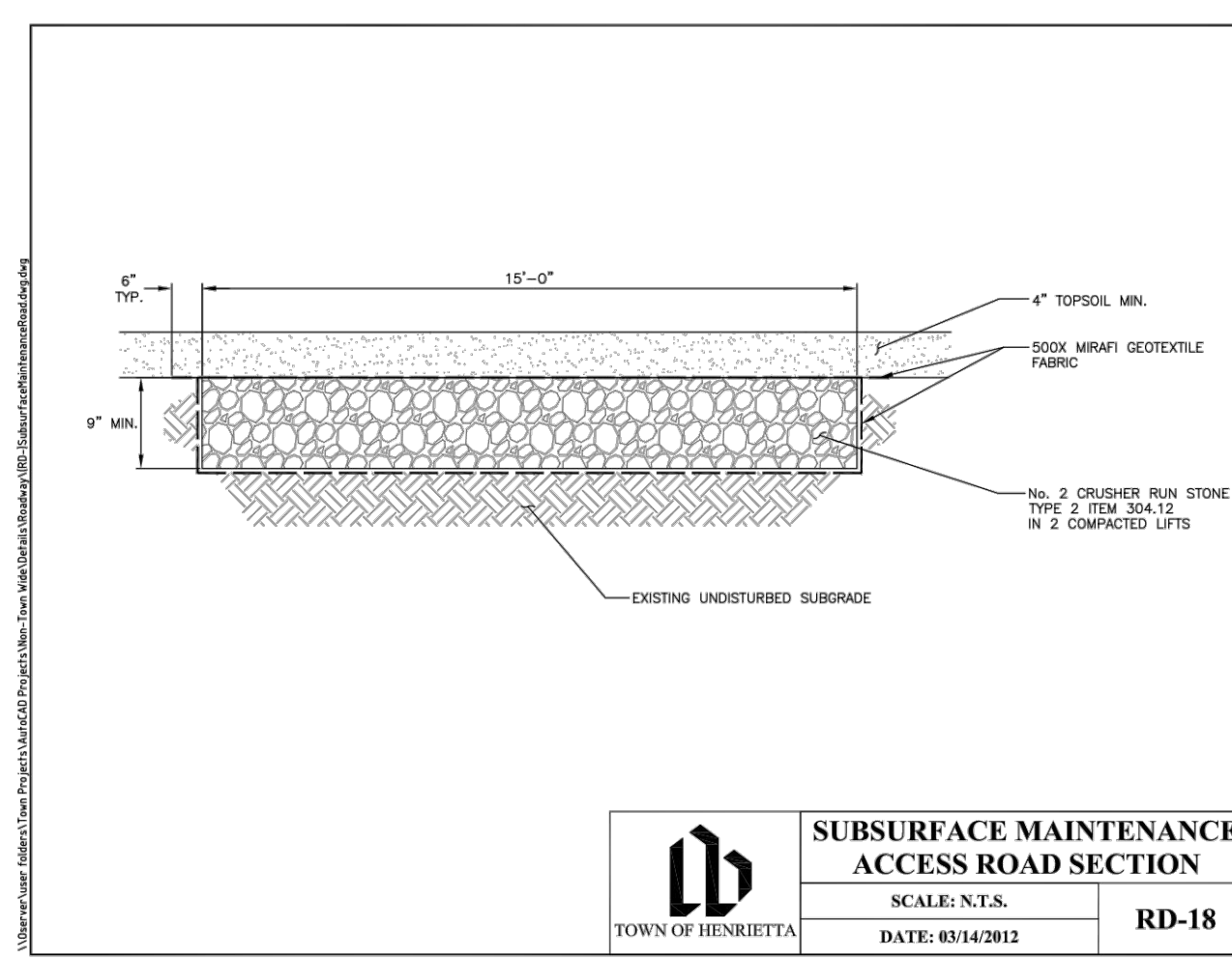
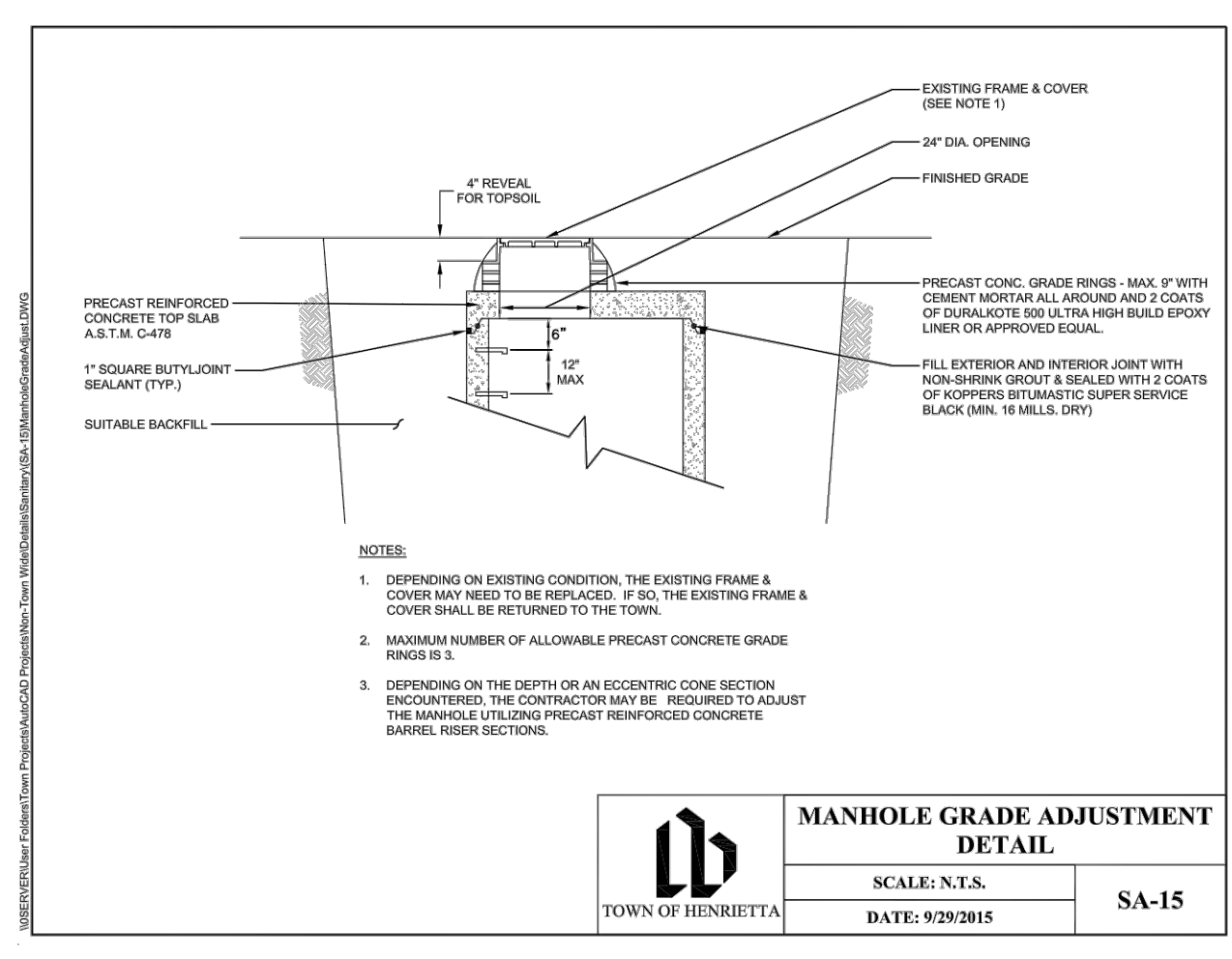
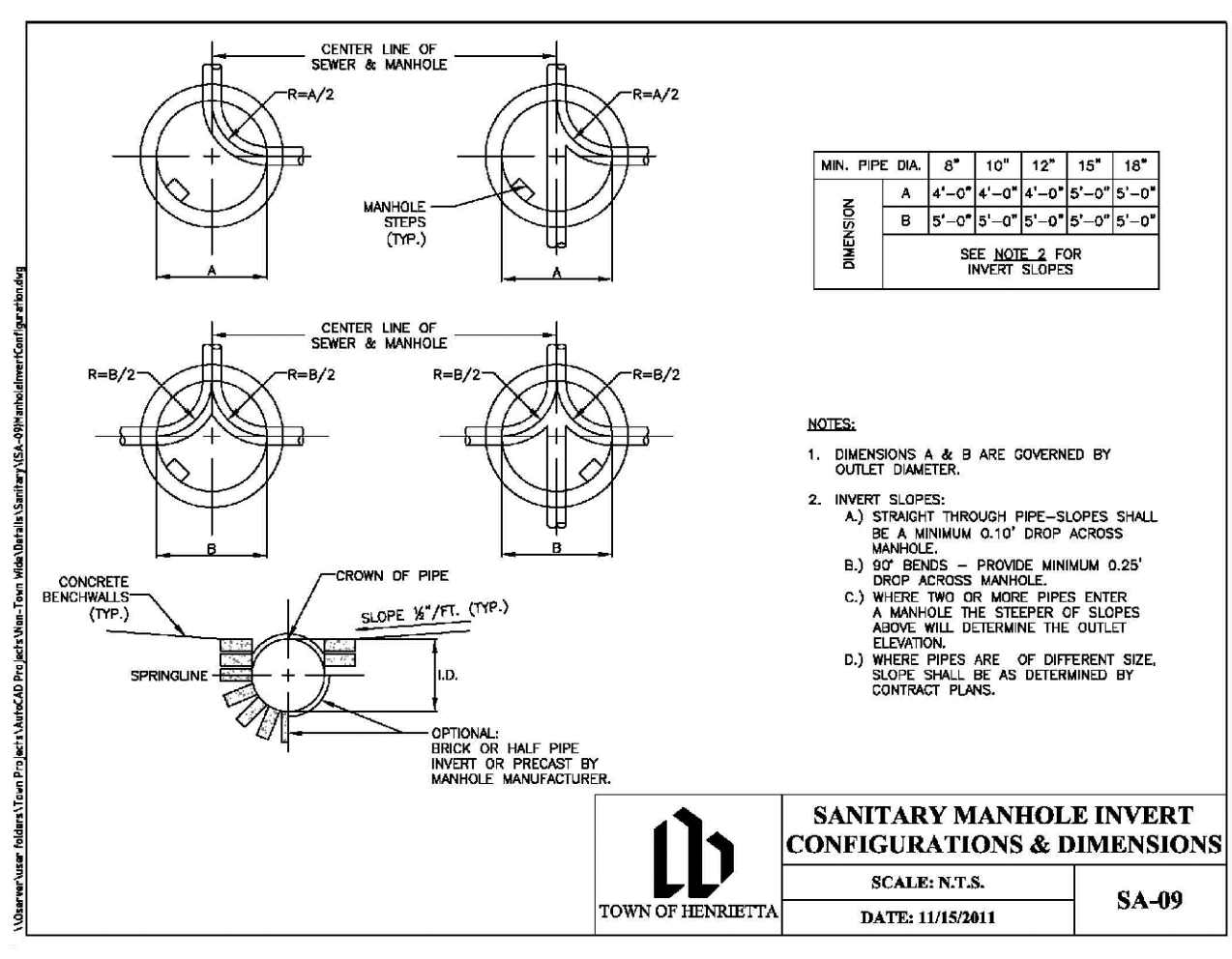
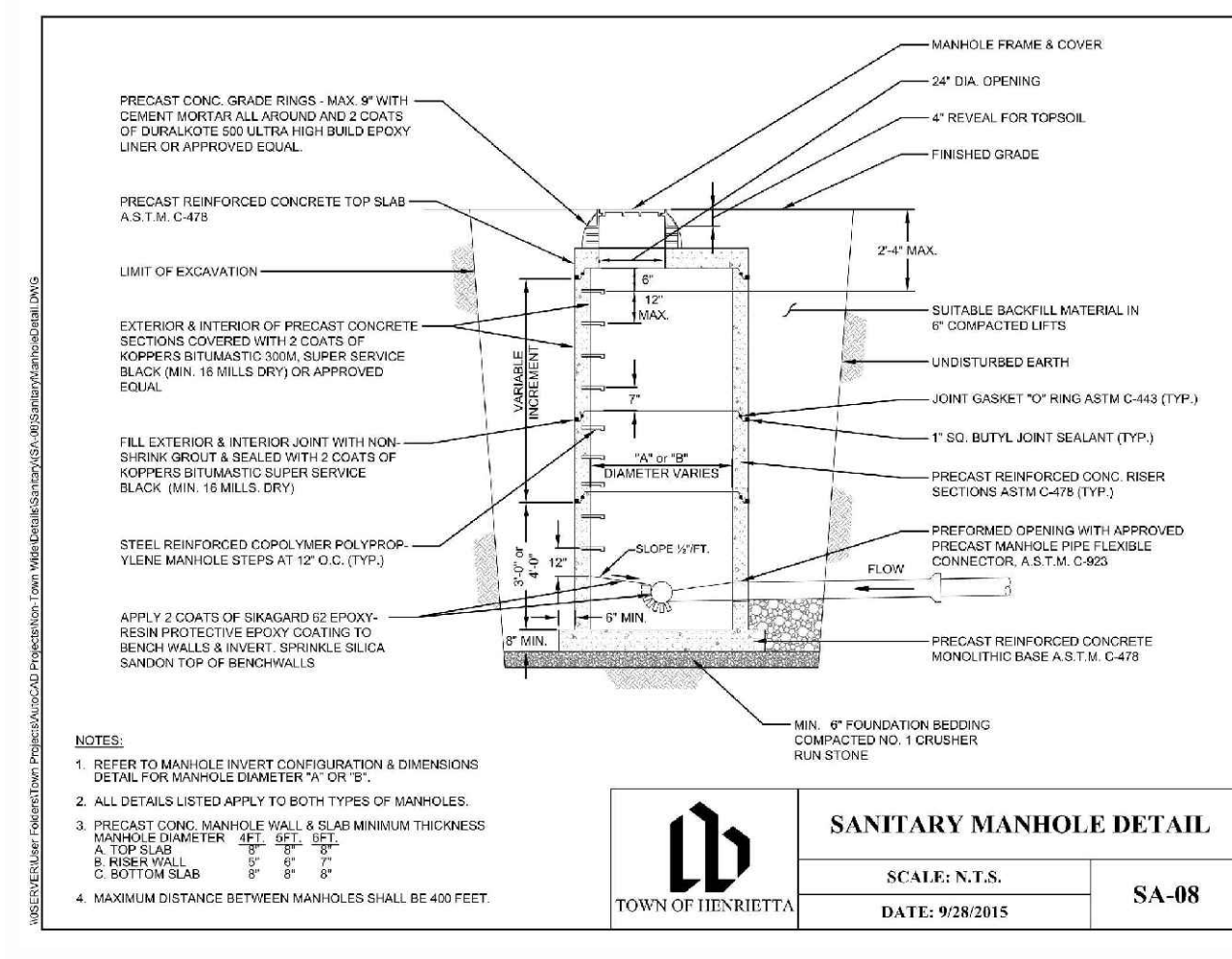
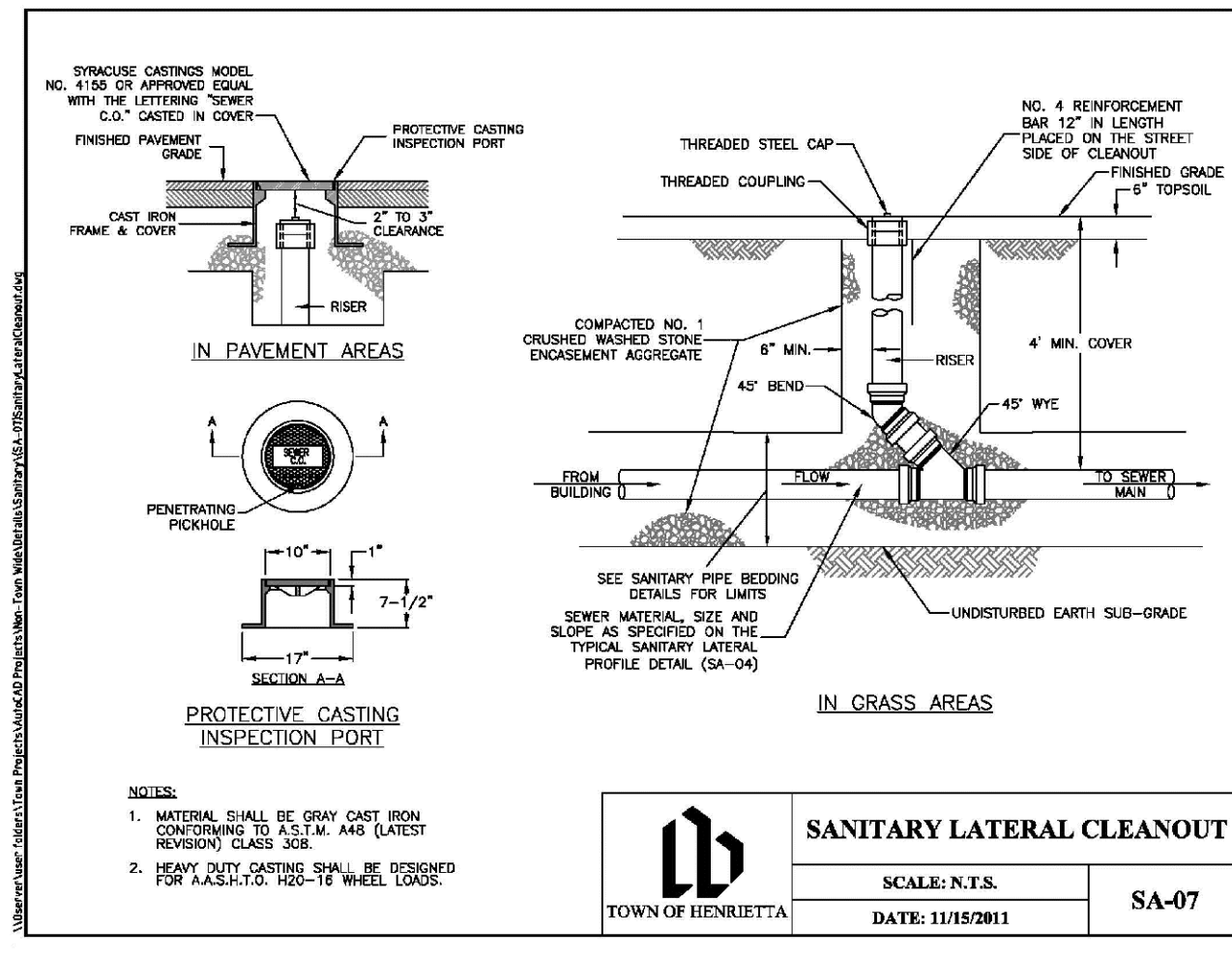
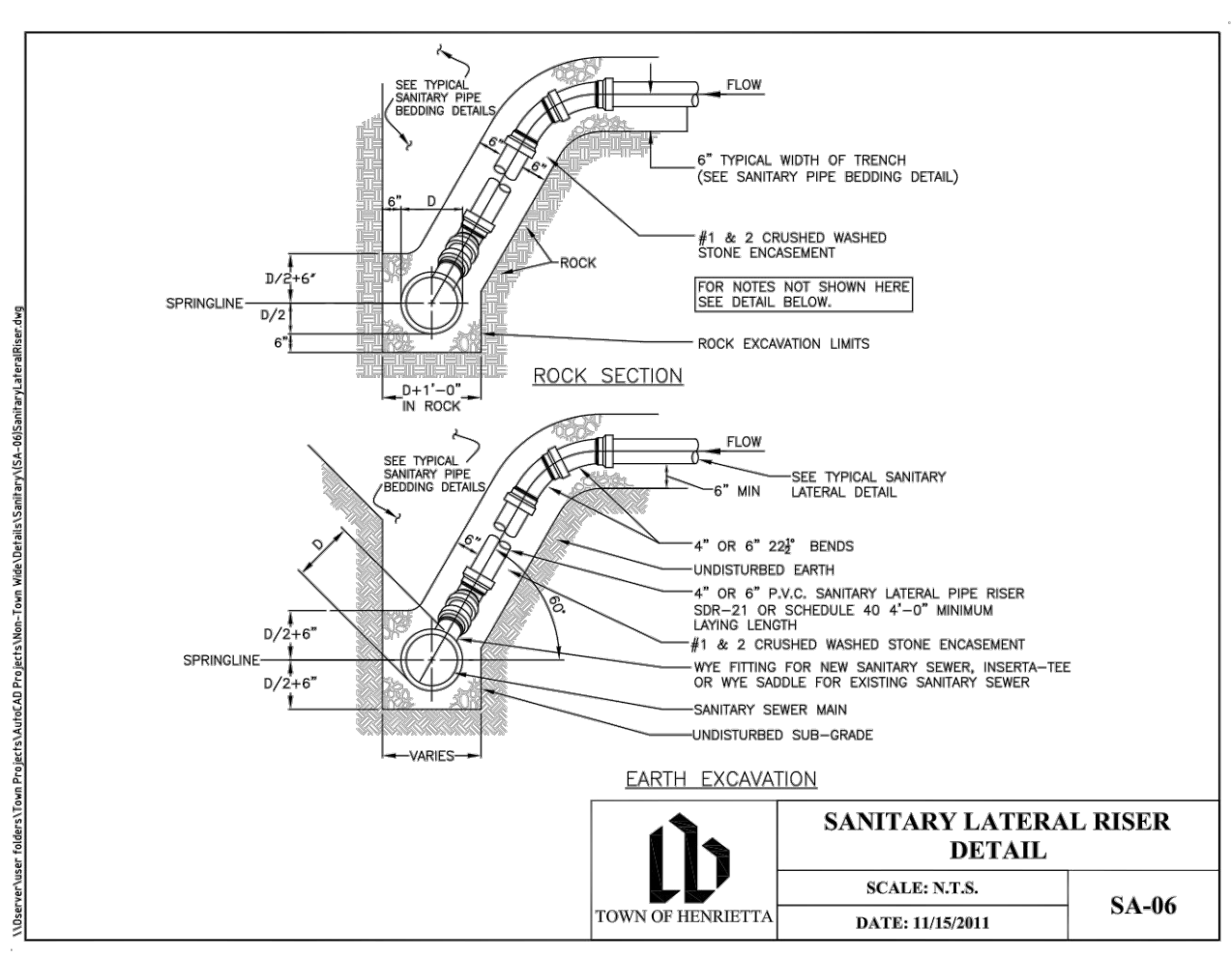
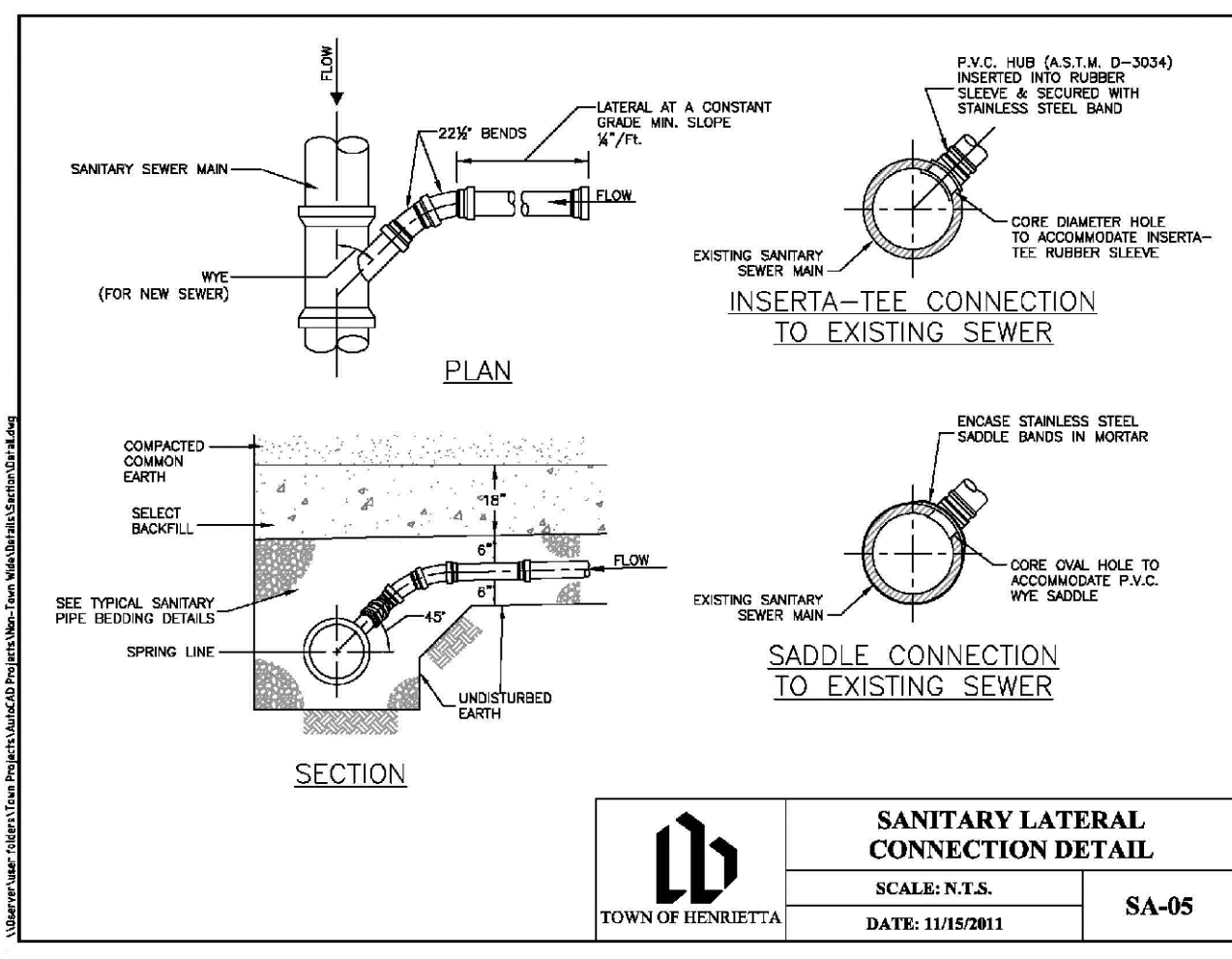
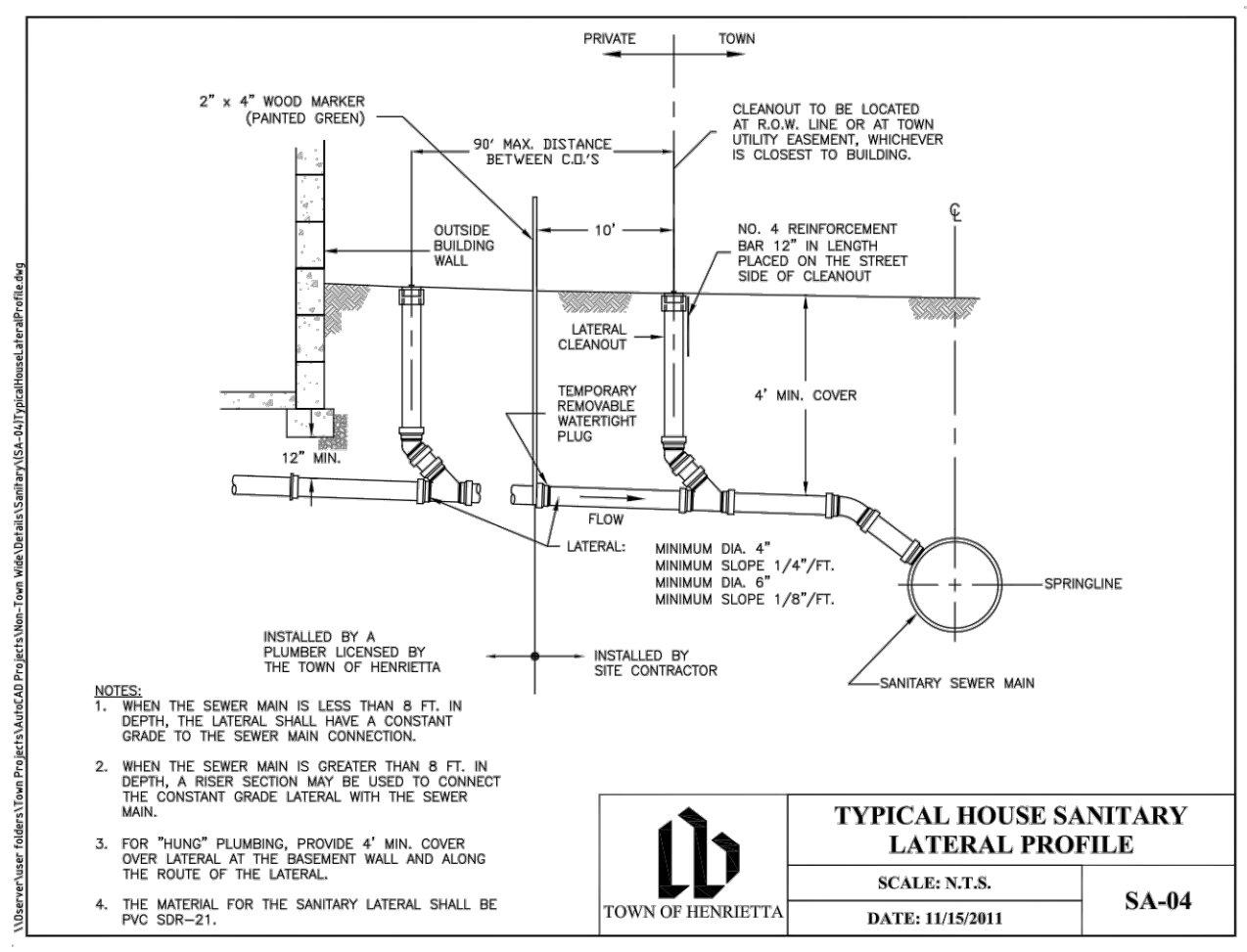
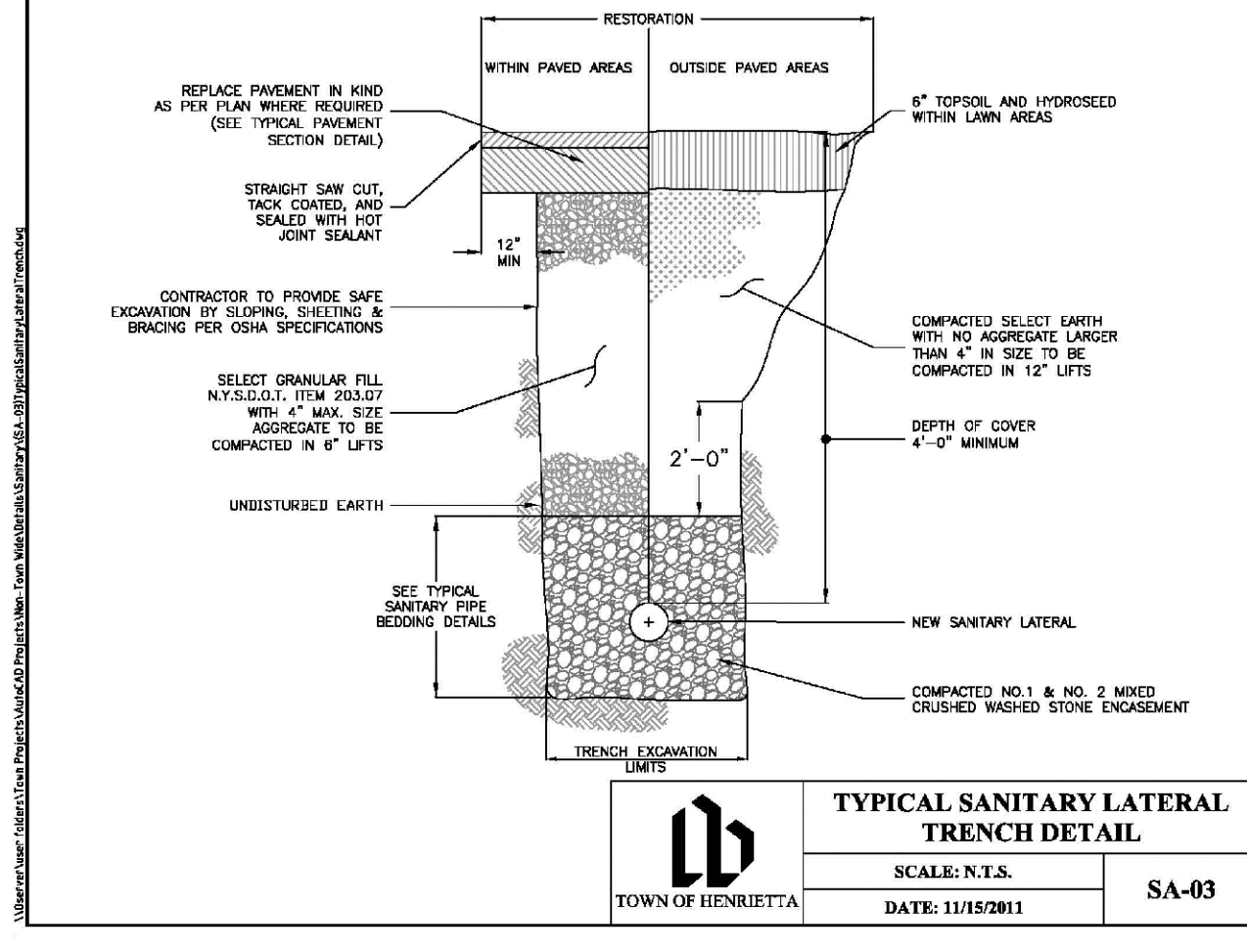
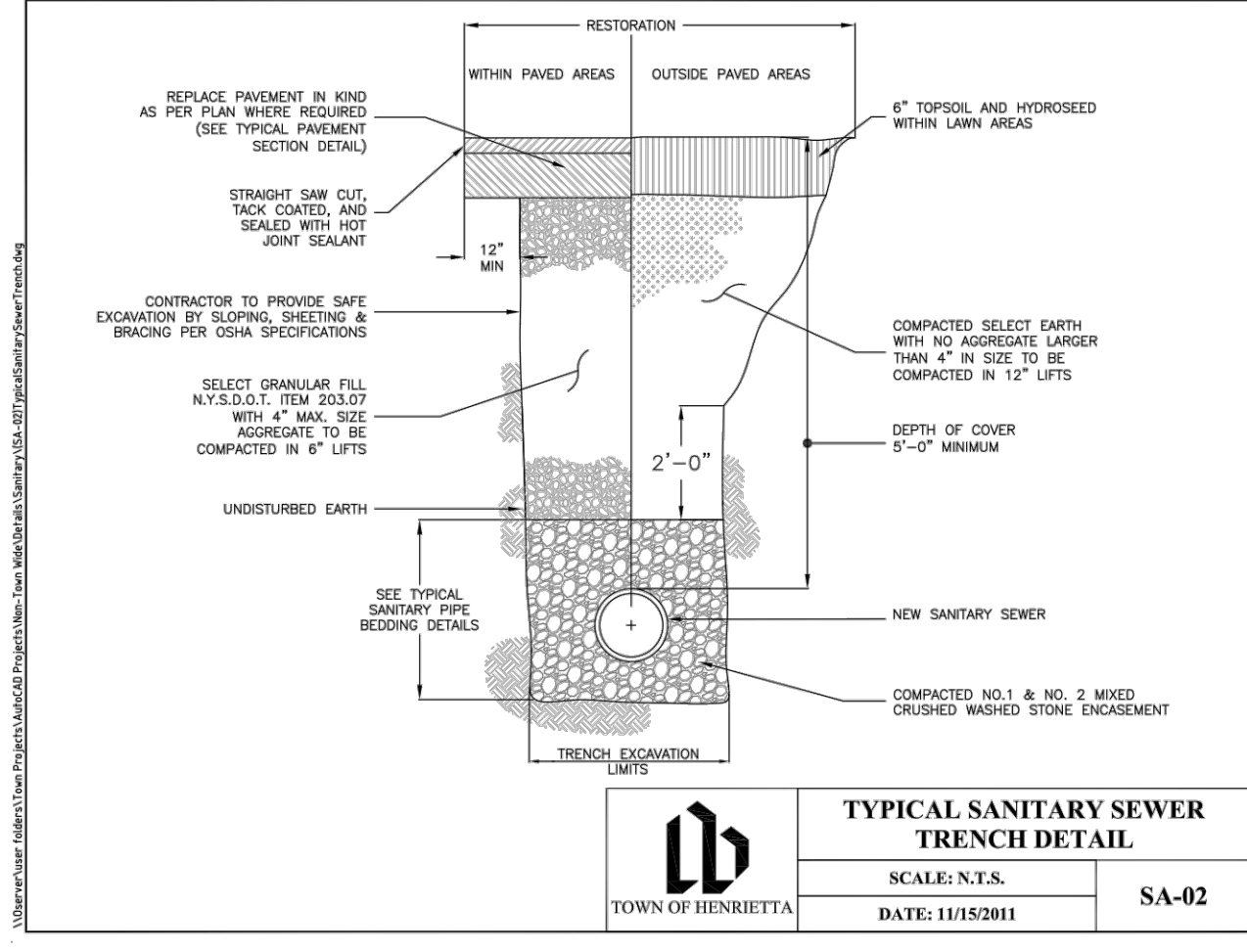
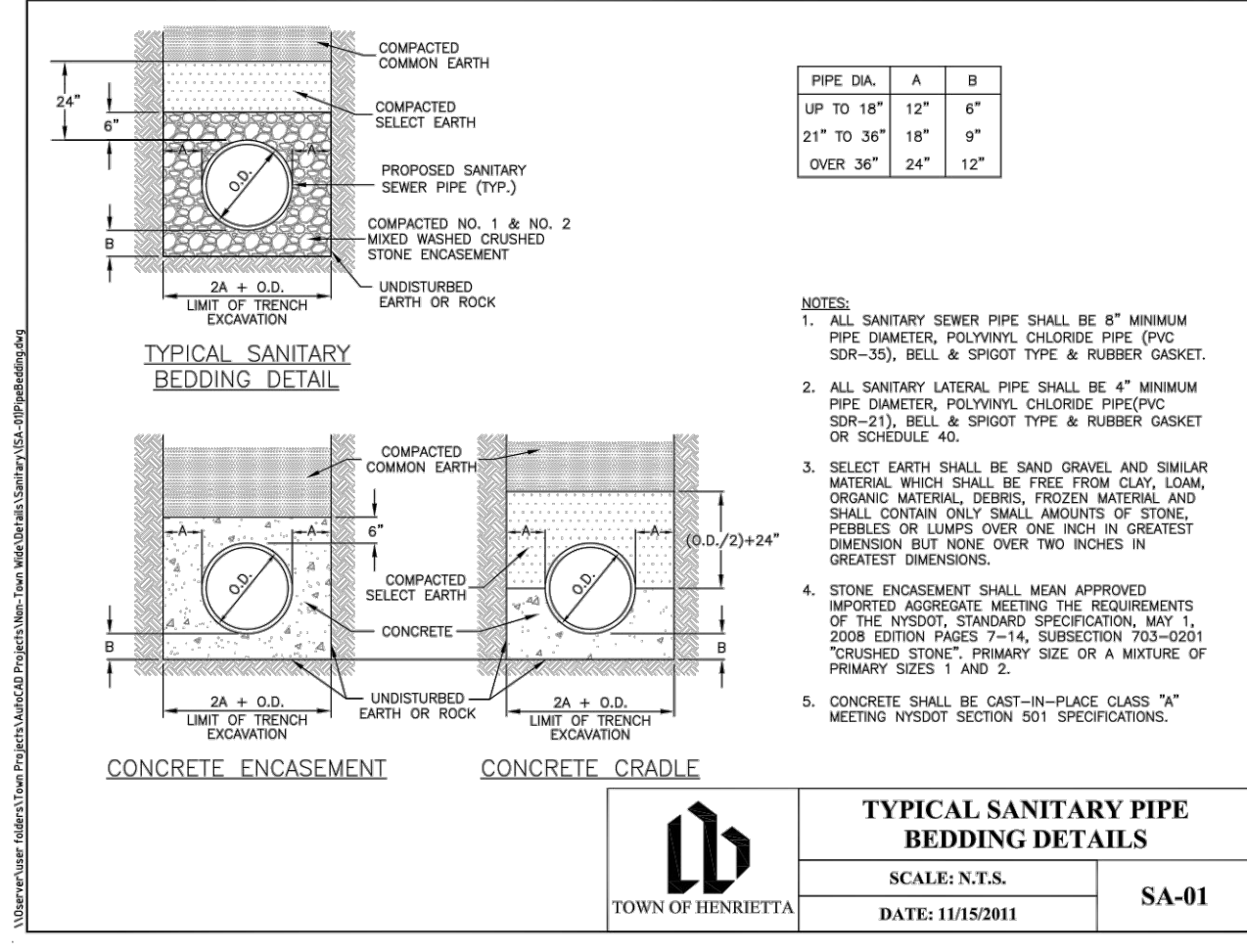
Revisions			
No.	Date	By	Description
1			

**NOTES & DETAILS**  
4600 WEST HENRIETTA RD.

Town/City: HENRIETTA  
County: MONROE State: NEW YORK  
Project No. 20213238.0005  
Drawing No. C 202  
Scale: N.T.S.  
Date: OCTOBER 2023

NOT FOR CONSTRUCTION





Client:  
4700 WEST HENRIETTA ROAD LLC  
7487 FOURTH SECTION RD  
BROCKPORT, NY 14420

**PASSERO ASSOCIATES**  
242 West Main Street Suite 100  
Rochester, New York 14614  
(585) 325-1000  
Fax: (585) 325-1691

Principal-in-Charge: David Cox, P.E.  
Project Manager: Joshua Saxton, E.I.T.  
Designed by: James Ritzenhaler, E.I.T.



Revisions

No.	Date	By	Description
1			

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**NOTES & DETAILS**

4600 WEST HENRIETTA RD.

Town/City: HENRIETTA  
County: MONROE State: NEW YORK

Project No.  
20213238.0005

Drawing No.  
C 203

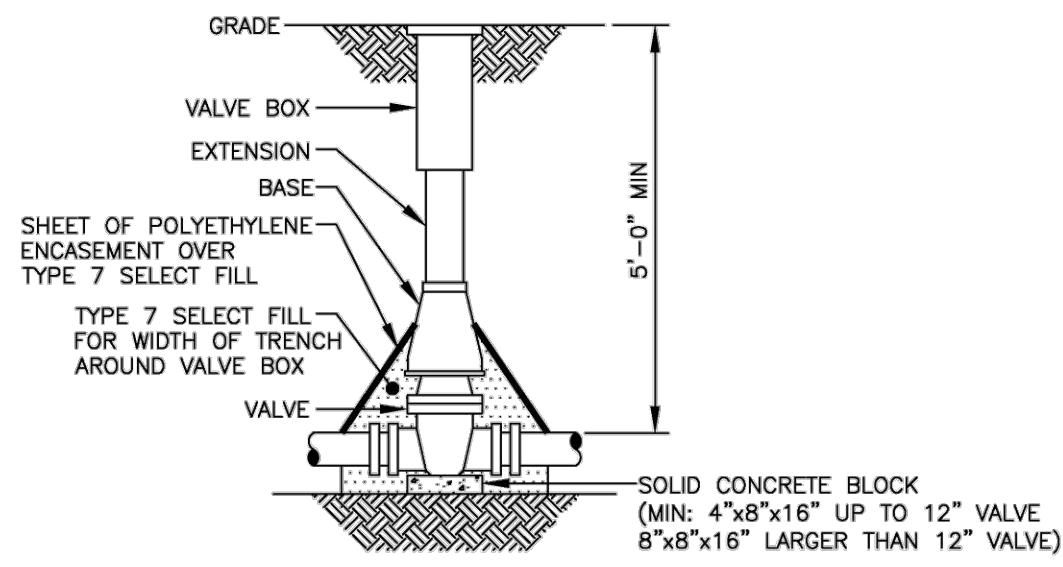
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N.T.S.

Date  
OCTOBER 2023

NOT FOR CONSTRUCTION



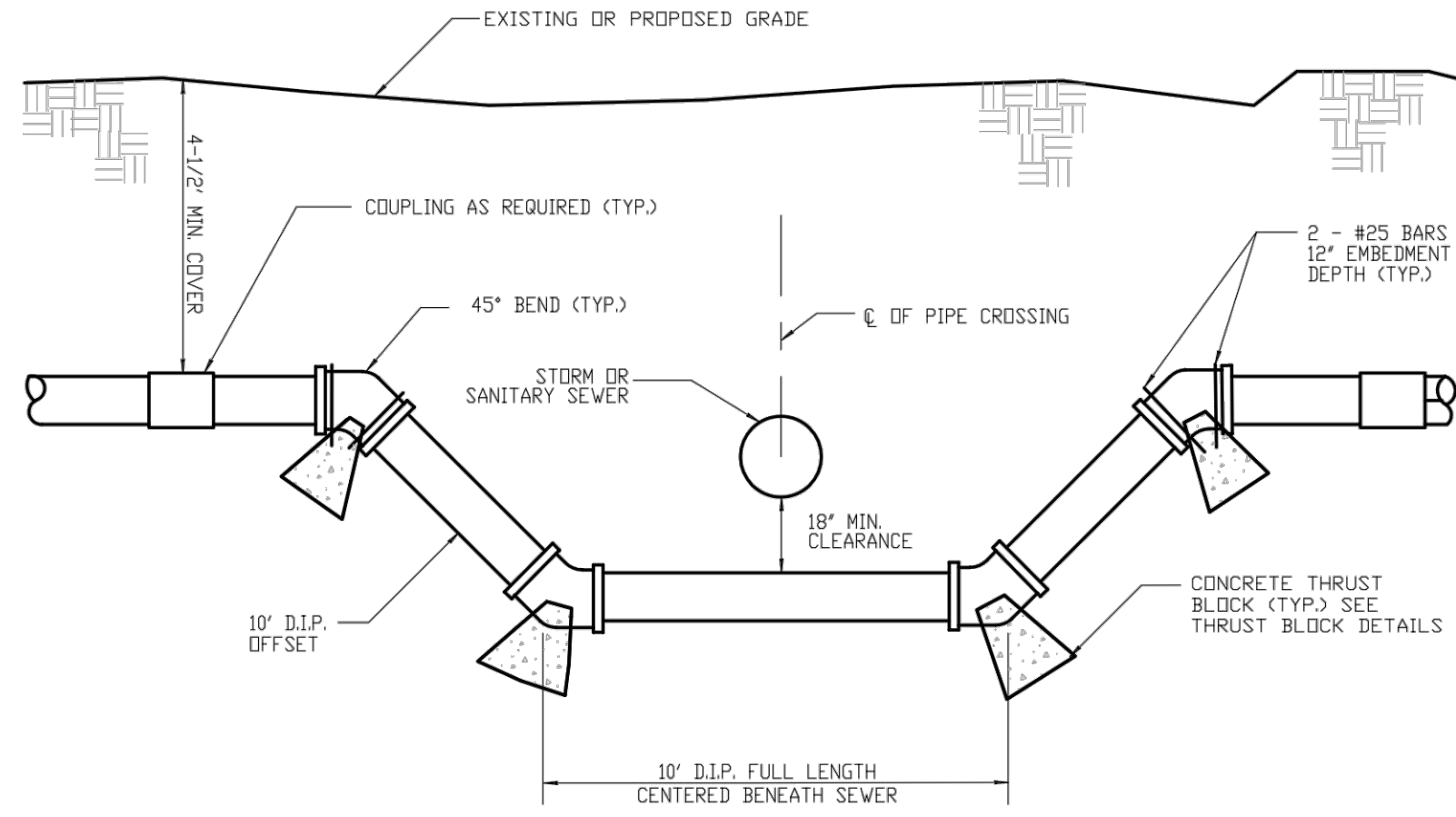
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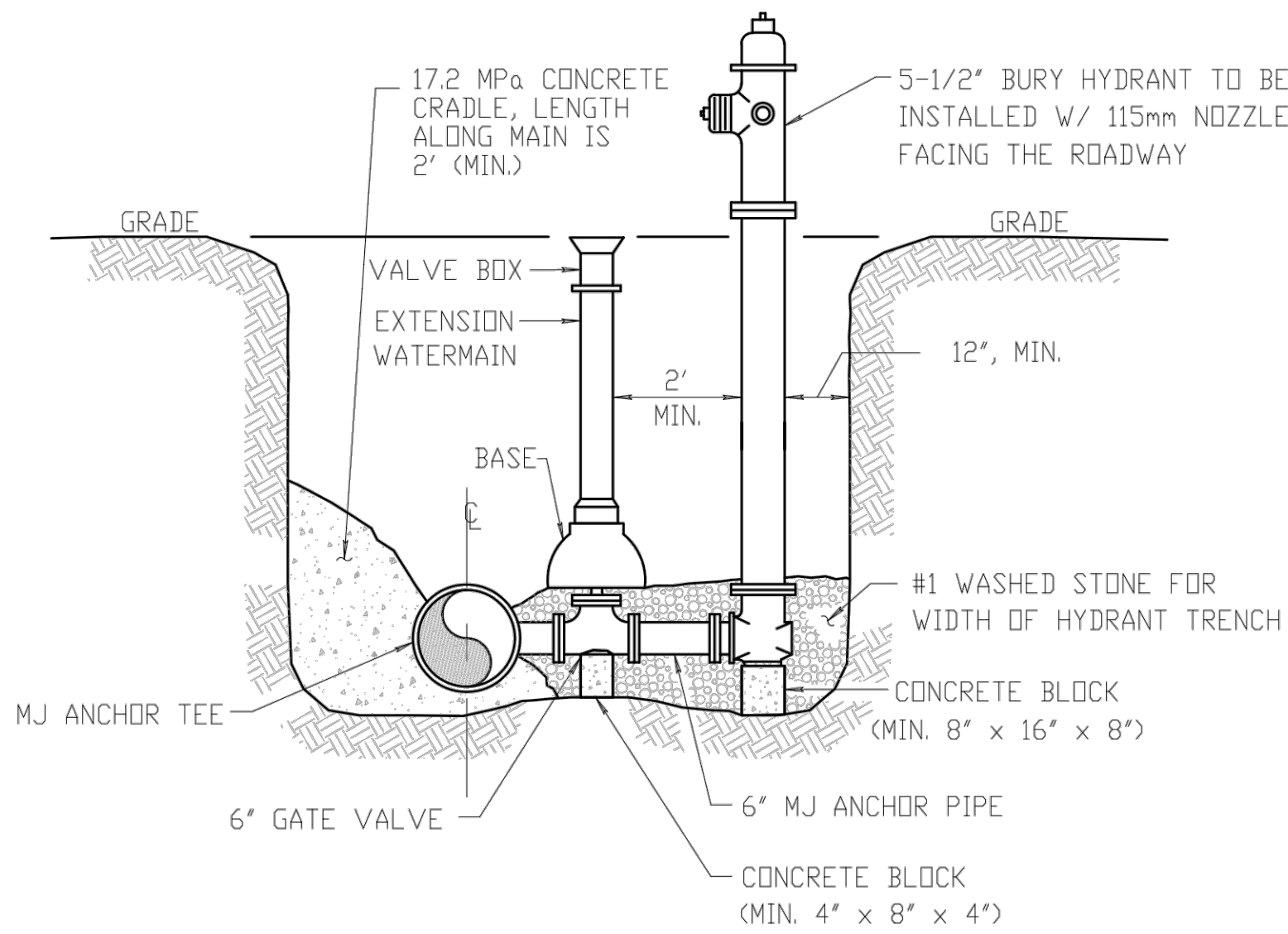
- NOTES:**
1. VALVE BOX SHALL BE CENTERED ON VALVE AND SET ON COMPACTED BACKFILL.
  2. VALVE SHALL NOT SUPPORT VALVE BOX.
  3. ALL VALVES SHALL BE OPEN LEFT EXCEPT:  
TOWN OF WEBSTER - VALVES 12" AND SMALLER SHALL OPEN RIGHT.  
TOWN OF HENRIETTA - SHALL OPEN RIGHT

VALVE  
NOT TO SCALE

MONROE COUNTY WATER AUTHORITY  
ROCHESTER, NEW YORK  
SEPT 2016 DATE  
DME 5

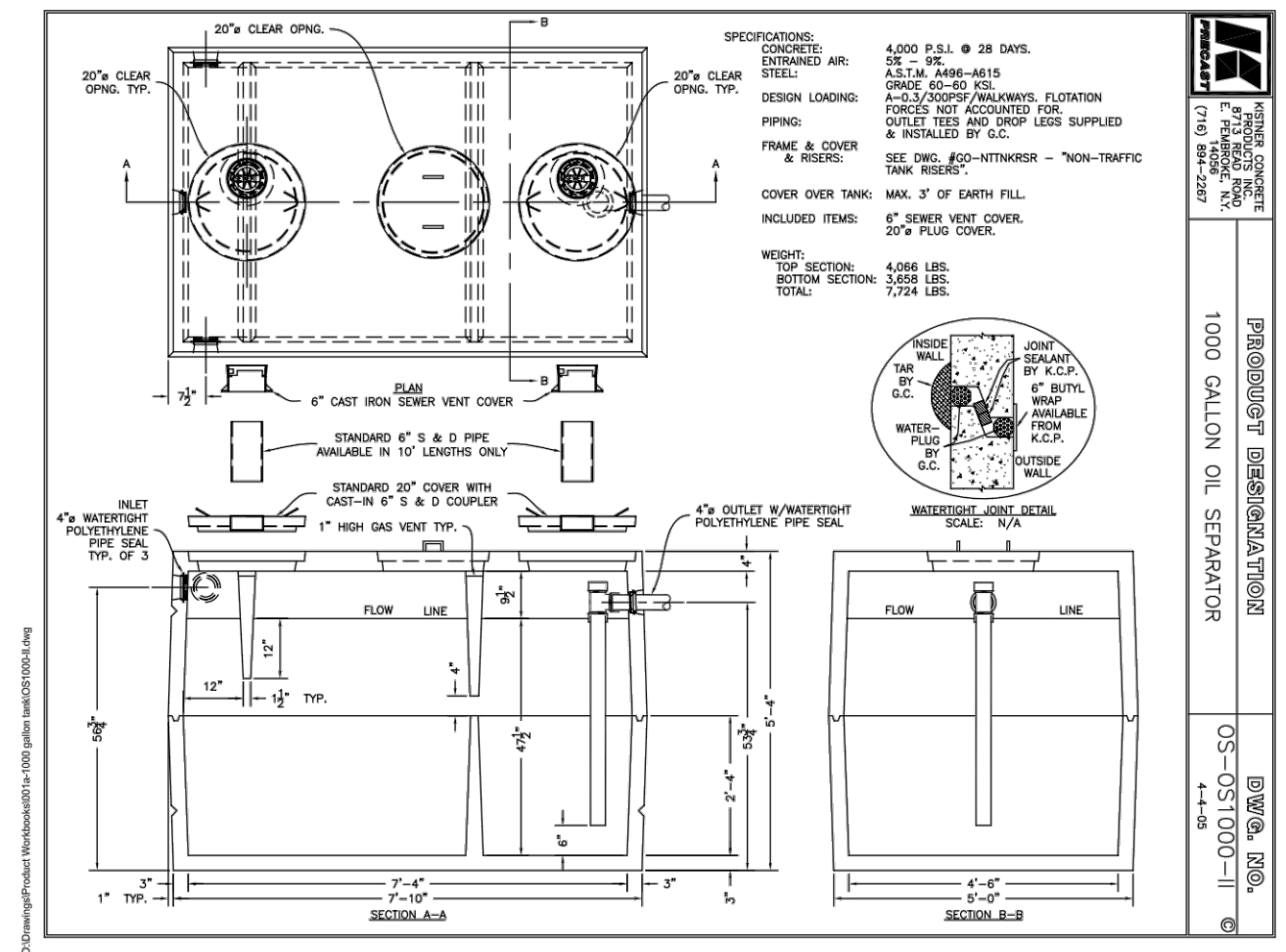


WATERMAIN - SEWER CROSSING  
ITEM 660.99  
NOT TO SCALE

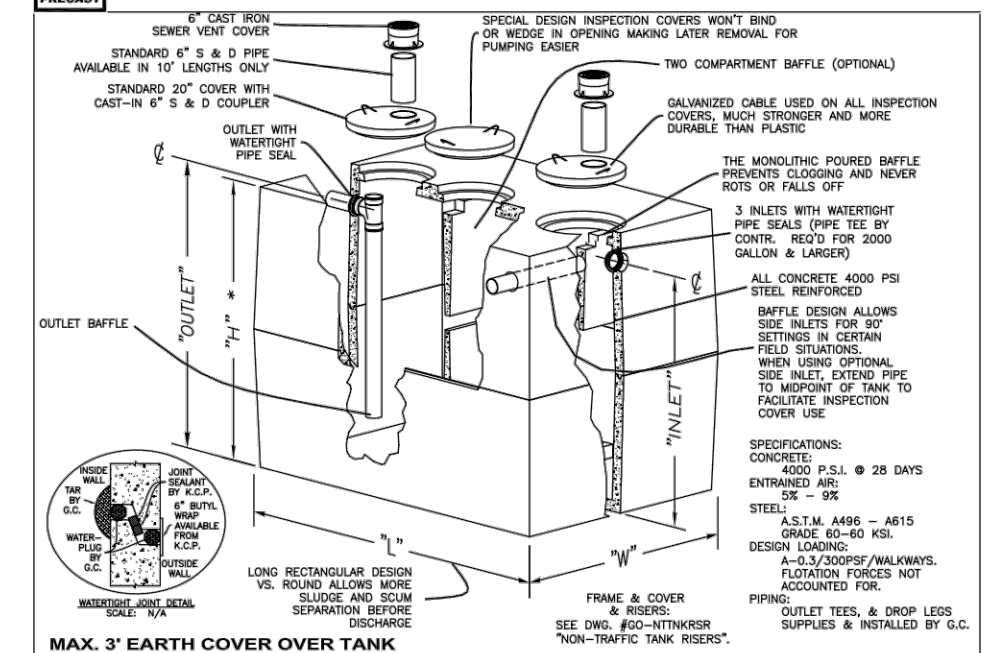


HYDRANT ASSEMBLY - PERPENDICULAR  
NOT TO SCALE

\*\*\*PROPOSED HYDRANT IS PRIVATE AND WILL BE PAINTED RED



OIL SEPARATORS - NON-TRAFFIC



DESCRIPTION	STANDARD - NON-TRAFFIC				DWG.#	REV. DATE
	"L"	"W"	"H"	"INLET" "OUTLET"		
1000 2 COMPARTMENT	98"	62"	64"	53 3/4"	OS-OS1000-1P	4/4/2005
1500 2 COMPARTMENT	102"	66 3/4"	70"	60"	OS-OS1500-1P	4/4/2005
2000 2 COMPARTMENT	128 1/2"	80 1/2"	80"	81"	OS-OS2000-1P	4/4/2005
2500 2 COMPARTMENT	168"	84"	80"	81"	OS-OS2500-1P	4/4/2005
3000 2 COMPARTMENT	188"	84"	80"	81"	OS-OS3000-1P	4/4/2005
3700 2 COMPARTMENT	188"	84"	80"	81"	OS-OS3700-1P	4/4/2005
4500 2 COMPARTMENT	188"	84"	80"	81"	OS-OS4500-1P	4/4/2005
5000 2 COMPARTMENT	188"	84"	80"	81"	OS-OS5000-1P	4/4/2005
6000 2 COMPARTMENT	188"	84"	80"	81"	OS-OS6000-1P	4/4/2005

\*\*\* MAY ALSO USE ADAPTER SLAB - NOT SHOWN.

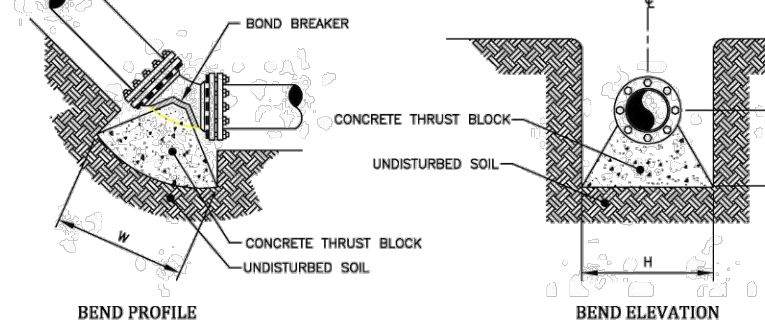
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PIPE DIAMETER	BEND OR FITTING														
	11 DEGREE	22 DEGREE	45 DEGREE	90 DEGREE	TEE, CAP OR PLUS										
8"	1.0	2.0	1.5	1.3	3.0	1.5	2.0	4.0	2.0	3.0	6.0	2.5	2.5	5.0	2.0

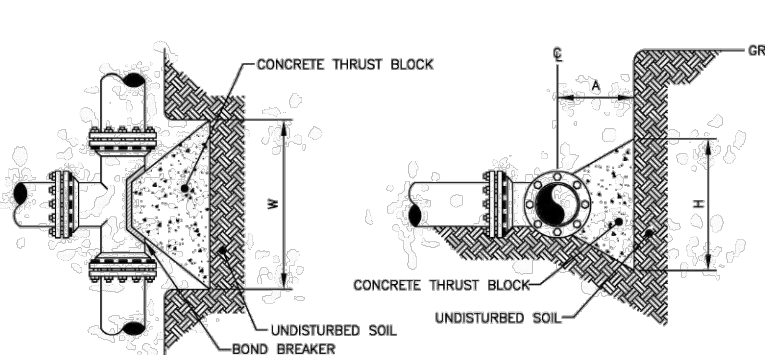
\* SIZE BLOCK BASED ON BRANCH DIAMETER. SOIL BEARING STRENGTH = PSF

PSI TEST PRESSURE

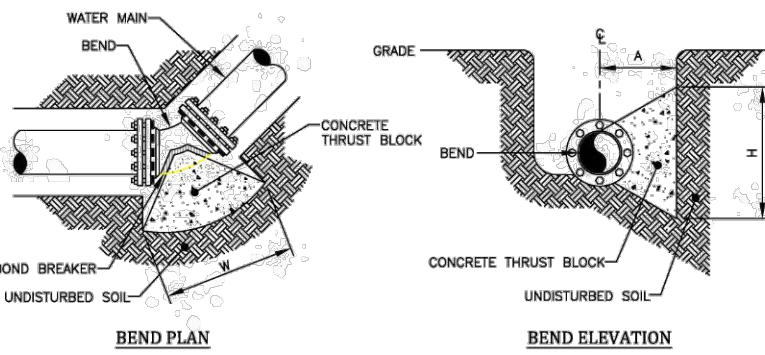
NOTE: WIDTH (W) OF BLOCK SHALL NOT EXCEED TWICE THE HEIGHT (H). HORIZONTAL AND VERTICAL UP THRUST BLOCKS



VERTICAL UP THRUST BLOCKS  
NOT TO SCALE



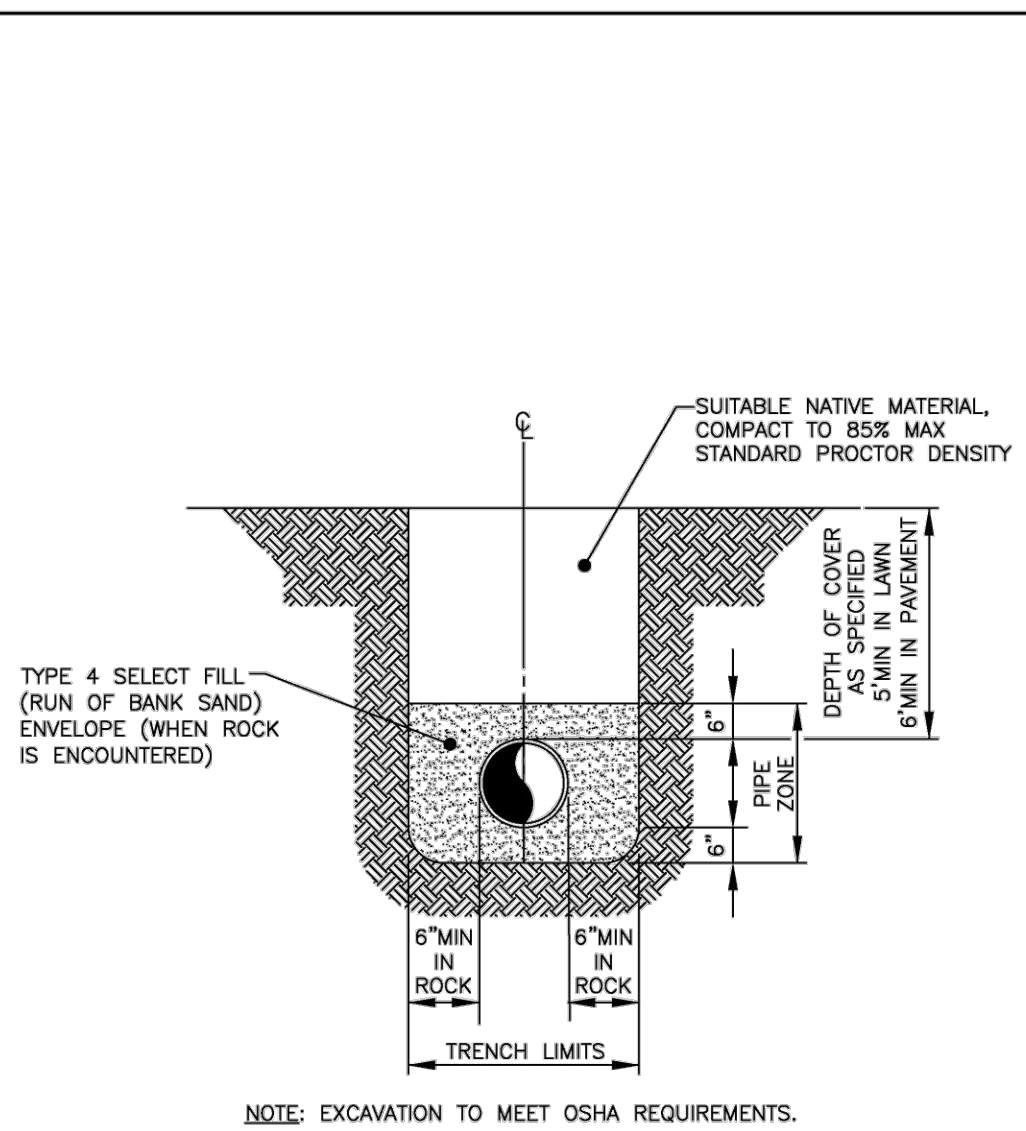
HORIZONTAL THRUST BLOCKS  
NOT TO SCALE



DIP TRENCH  
NOT TO SCALE

MONROE COUNTY WATER AUTHORITY  
ROCHESTER, NEW YORK  
SEPT 2016 DATE  
DME 6

R:\DETAILS\2016 DME DETAILS\2016 DME 3.DWG



DIP TRENCH  
NOT TO SCALE

MONROE COUNTY WATER AUTHORITY  
ROCHESTER, NEW YORK  
SEPT 2016 DATE  
DME 3

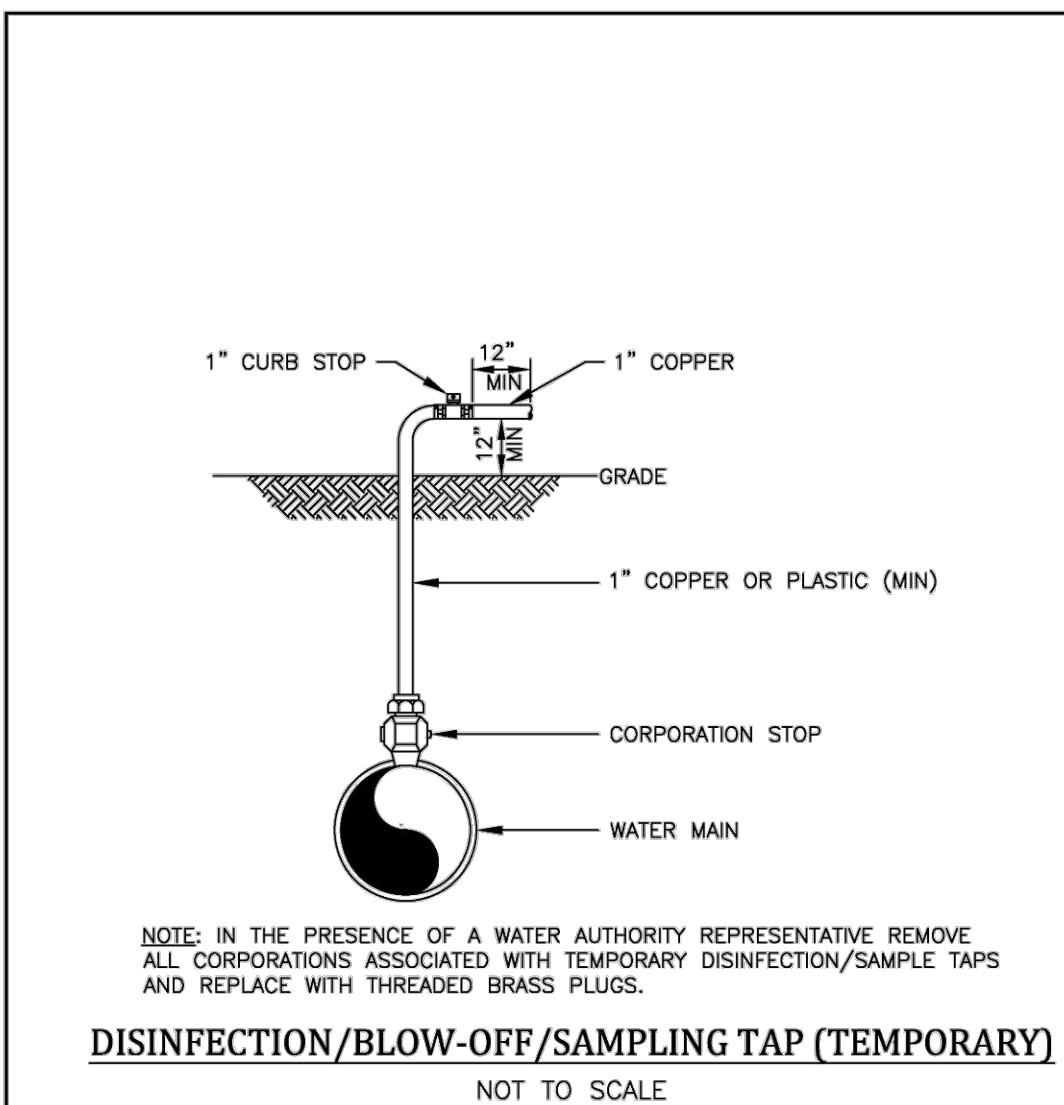
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- 4" AND LARGER WATER SERVICE LINE NOTES**
1. Water service lines shall be constructed in accordance with the regulations and specifications of the Water Authority.
  2. Water service lines shall have a minimum of five feet of cover from finished grade in lawn areas and six feet of cover from finished grade in paved areas.
  3. Water service lines shall be separated at least ten feet, measured from the outside of the pipes, from sewer mains or septic systems.
  4. Water service lines shall be identified as:
 

DESCRIPTION	SIZE	MATERIAL <sup>(M)</sup>	TYPE <sup>(S)</sup>
MCWA Portion: from the water main to and including the control valve on the ROW/property/easement line	8"	D.I.P.*	DS
Private Portion: from the control valve to the meter	8"	D.I.P.*	DS
- <sup>(M)</sup>Acceptable material is \*Class 52 cement mortar lined Ductile Iron Pipe.  
<sup>(S)</sup>Service Types include: Domestic = DS, Fire = FS, or Combined = CMB
5. The Water Authority's portion of the water service line shall be installed prior to the private portion of the service line.
  6. Water meter(s) to be located on the interior of exterior wall(s) immediately upon service entrance into the building(s). A by-pass assembly is not required around the installation of 5/8-inch through 1-inch meters. 1 1/2-inch + 2-inch Meter installations may require a by-pass assembly around the meter. Meter installation 3-inch or greater require a bypass assembly around the meter.
  7. Water service lines sized 4-inches or greater shall be:
    - Pressure tested in accordance with the latest specifications of the Monroe County Water Authority. A Water Authority representative must witness this test.
    - Disinfected by using the continuous feed method according to AWWA Standard Specifications. After flushing and disinfecting the service line, water samples shall be collected in accordance with the Department of Health that has jurisdiction of the areas requirements. Approval and notification by the Health Department of passing health sample test(s) must be received before the service will be activated by the Water Authority.

MONROE COUNTY WATER AUTHORITY  
ROCHESTER, NEW YORK  
DEC 2020 DATE  
DME 26

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

MONROE COUNTY WATER AUTHORITY  
ROCHESTER, NEW YORK  
SEPT 2016 DATE  
DME 14

**D-Series Size 2 LED Area Luminaire**

Specifications:  
EPA: 1.1 ft  
Length: 100 mm  
Width: 52 mm  
Height: 7.14" (181 mm)  
Depth: 3.5" (89 mm)  
Weight: 360 lbs

**Ordering Information**

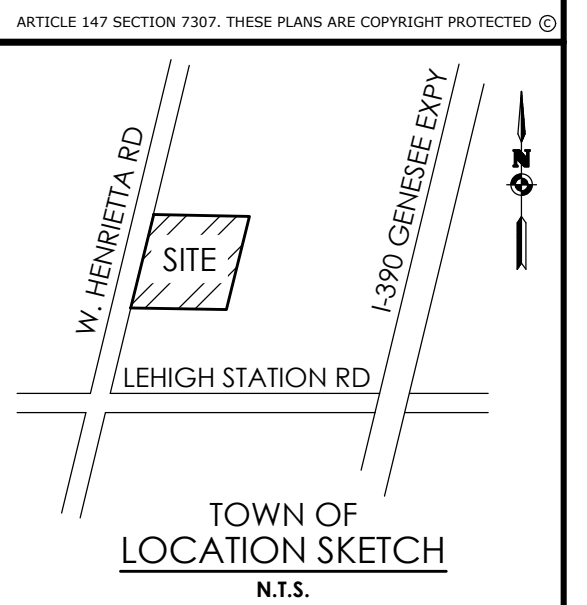
Units	LED	Color Temperature	Beam Spread	Mounting	Shipping
1000	3000K	30°	Flush	Standard	Standard

**Shipping Information**

Item	Part Number	Description	Quantity	Unit Price	Total Price
1000	3000K	30°	1	360.00	360.00

**Notes & Details**

4600 WEST HENRIETTA RD.  
Town/City: HENRIETTA  
County: MONROE State: NEW YORK  
Project No: 20213238.0005  
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TOWN OF SKETCH  
LOCATION SKETCH  
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Client:  
4700 WEST HENRIETTA ROAD LLC  
7487 FOURTH SECTION RD  
BROCKPORT, NY 14420

Principal-in-Charge: David Cox, P.E.  
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**Revisions**

No.	Date	By	Description
1			

NOTES & DETAILS  
4600 WEST HENRIETTA RD.

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