

EAST RIVER HENRIETTA, LLC 64 COMMERCIAL STREET SUITE 401 ROCHESTER, NY, 14614

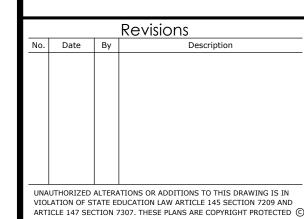
PASSERO ASSOCIATES

242 West Main Street Suite 100 Rochester, New York 14614

Principal-in-Charge Project Manager

Designed by

Jess D. Sudol, PE Andrew Burns, PE Shari Kleis



ROAD PROFILES

RIVERS EDGE

PHASE 1

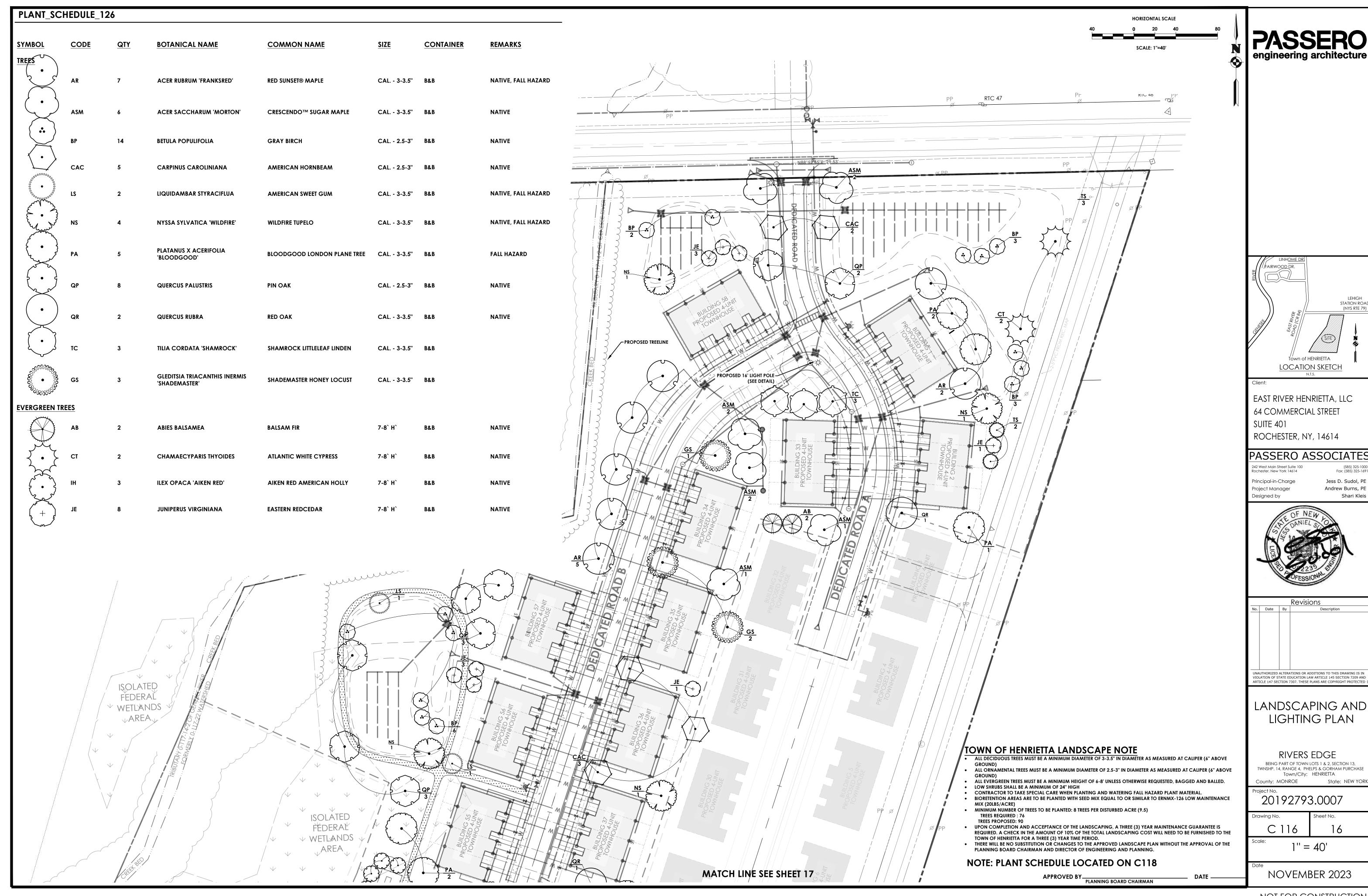
BEING PART OF TOWN LOTS 1 & 2, SECTION 13, TWNSHP. 14, RANGE 4, PHELPS & GORHAM PURCHASE Town/City: HENRIETTA County: MONROE

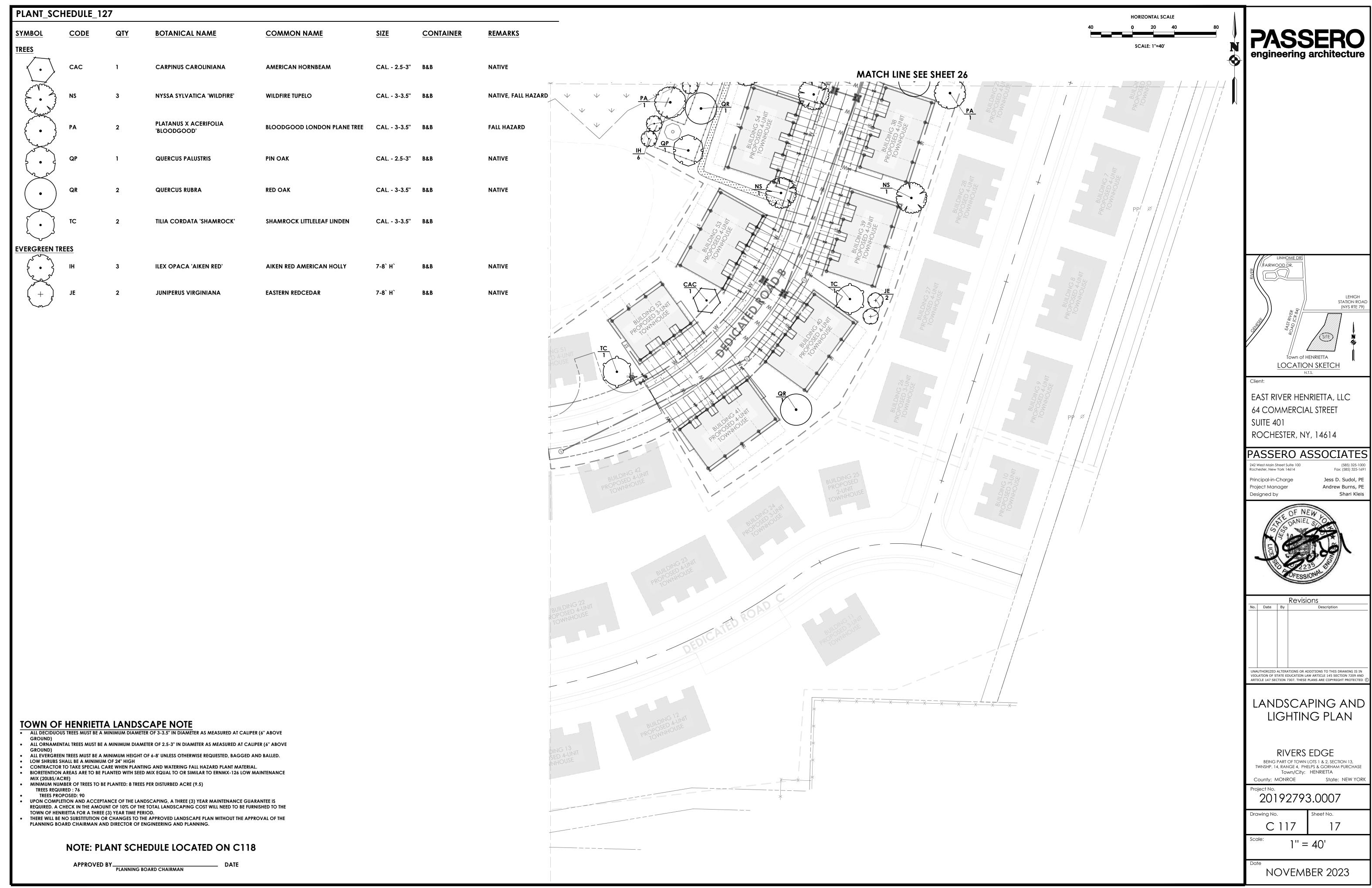
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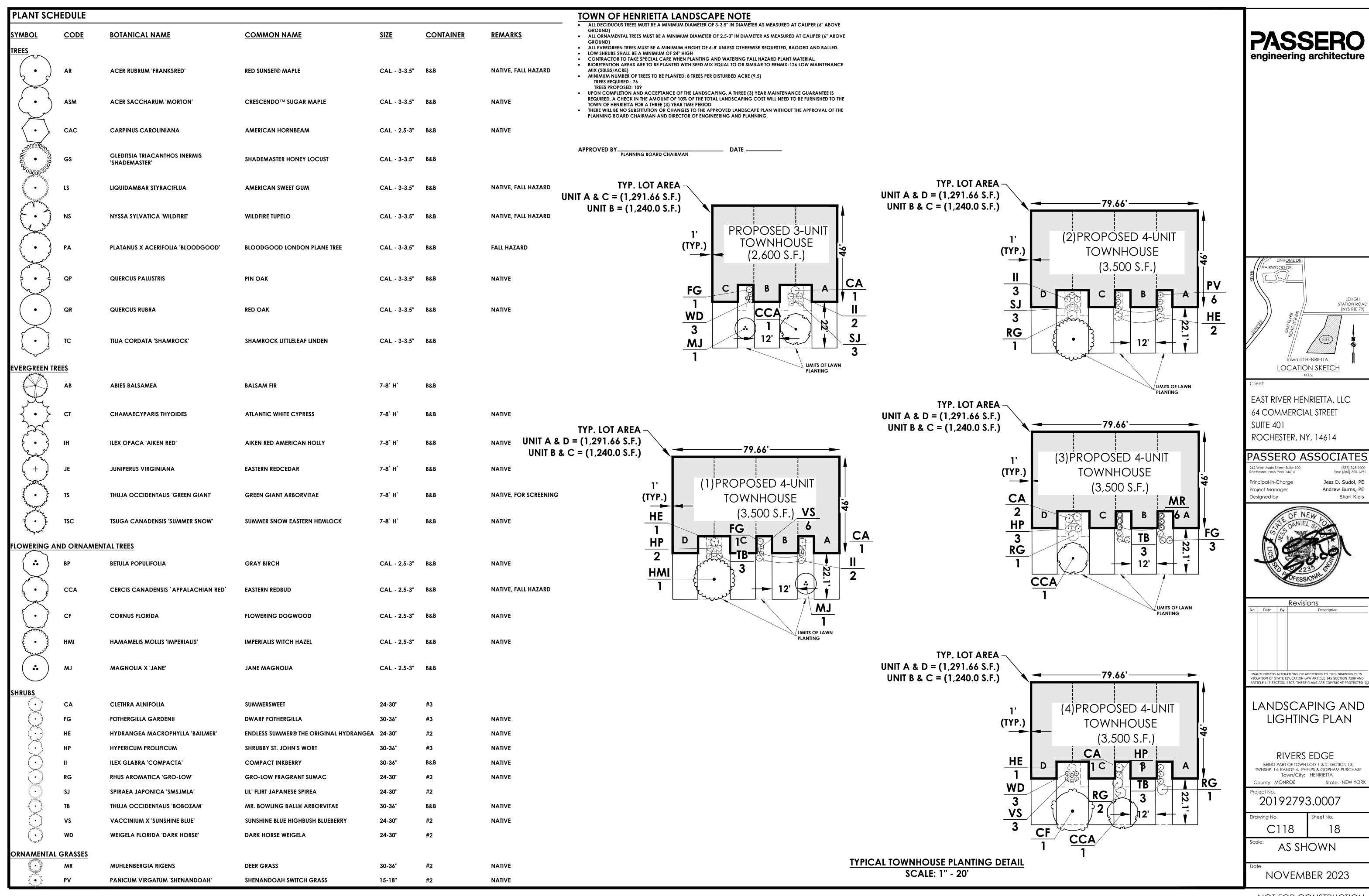
NOVEMBER 2023

COMPACTION 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.







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 WILL BE INSTALLED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE MONROE COUNTY WATER AUTHORITY
- THE MINIMUM GRADE AT THE HOUSE SHALL BE 1' ABOVE THE EDGE OF THE PAVEMENT. 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.
- THIS SUBDIVISION SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE COUNTY MONUMENTATION LAW
- THE SUBDIVISION IS LESS THAN 1500 FEET FROM THE NEAREST CONTROL MONUMENT AND IS THEREFORE TIED INTO THE MONUMENTATION NETWORK.
- THIS SUBDIVISION SHALL COMPLY WITH ANY COUNTY OR STATE AGENCIES HAVING JURISDICTION. 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

EROSION AND SEDIMENT CONTROL NOTES: (OCTOBER 2017)

- IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYSDOT 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 CONTRACTOR'S INTENDED SEQUENCE AND TYPES OF OPERATIONS. THE CONTRACTOR'S MODIFIED EROSION AND SEDIMENT CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. ALONG WITH A PROGRESS SCHEDULE THAT ADDRESSES THIS
- IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYSDOT 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 DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL DEVICES BEFORE ENTERING A WATER BODY OR WETLAND i. 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 NEEDED TO ESTABLISH A SATISFACTORY STAND 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 REMOVEDAND DEPOSITED IN AN UPLAND 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

GENERAL EROSION CONTROL NOTES:

CORRESPONDING STOCKPILED MATERIAL.

ALL FROSION 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.

COVERING AND RINGING/STABILIZING STOCKPILES SHALL BE INCLUDED IN THE PRICE BID FOR THE

- ALL THE IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE SPECIFICATION OF THE TOWN OF
- 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 PROTECTOR TEST. THIS SHALL BE CERTIFIED TO 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
- ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PER THE NYSDEC SPECIFICATIONS FOR DESIGN AND EROSION AND SEDIMENT CONTROL

CONSTRUCTION SEQUENCE FOR

GENERAL EROSION CONTROL NOTES

- 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.
- BEEN COMPLETED CONSTRUCT DROP INLET PROTECTION DEVICES AFTER STORM STRUCTURE INSTALLATION AS SHOWN ON

RELOCATE EXISTING TRIBUTARY PER PLANS. ENSURE THAT BANKS ARE STABILIZED ONCE RELOCATION HAS

- THIS PLAN.
- CONSTRUCT TRUCK WASHDOWN AREA REPLACE TOPSOIL AND FINE GRADE.
- 10. 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 SILTATION CONTROLS.
- 12. SLOPES SHALL NOT EXCEED 1' VERTICAL TO 3' HORIZONTAL MAX. MAINTAIN 1:4 WHERE POSSIBLE.
- 13. MINIMUM OF 6" OF TOPSOIL IS TO BE PLACED ON ALL GRASS AREAS. 14. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BASED UPON ACTUAL FIELD CONDITIONS
- AOBE. CONTRACTOR SHALL PROVIDE FOR THIS COST IN HIS CONTRACT. 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SILTATION AND EROSION CONTROL MEASURES FROM
- INSTALLATION THROUGH MAINTENANCE AND REMOVAL AFTER RE-VEGETATION HAS BEEN ESTABLISHED. 6. ALL END SECTIONS WILL BE PROVIDED WITH RIP-RAP APRONS. . FINALIZE GRADING IN INFILTRATION-BIORETENTION AREAS WITH REQUIRED SOIL MIX.
- 18. 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
- 19. ALL EROSION CONTROL MEASURES WILL BE REMOVED AFTER APPROVED BY A QUALIFIED PROFESSIONAL. BE RESPONSIBLE FOR MAINTENANCE OF THE STONE FILL. CORRECTIVE ACTIONS, AS IDENTIFIED BY THE

ARCHITECTRUAL 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 FORE 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 TIE 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.

	MONROE COUNTY
	DEPT. OF TRANSPORTATION
APP	ROVED
	DATE
1	APPLICATIONS FOR PERMITS WILL NOW BE ACCEPTED IS PROJECT APPROVAL IS VALID FOR TWO (2) YEARS

DEMOLITION NOTES:

- 1. CONTRACTOR IS RESPONSIBLE TO CALL DIG SAFE 811 PRIOR TO BEGINNING DEMOLITION
- 2. WITHIN LIMIT LINES, ALL AT GRADE UTILITIES SUCH AS TRANSFORMERS, GENERATORS, HVAC UNITS, THE UNIT'S CONCRETE PAD AND ANY FENCING THAT SURROUNDS THE UNIT, TO BE REMOVED.
- 3. 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
- 4. CONTRACTOR TO COORDINATE ALL UTILITY SHUT DOWNS, RELOCATIONS, SERVICE INSTALLATIONS WITH THE LOCAL UTILITY COMPANIES.
- 5. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL DEMOLISHED MATERIAL IN ACCORDANCE WITH ALL LOCAL STATE AND FEDERAL REGULATIONS.
- 6. ALL EXISTING FEATURES PROPOSED TO BE REMOVED ARE NOT SHOWN ON SUBSEQUENT PLANS FOR
- 7. CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES TO REMAIN. DAMAGE TO EXISTING FEATURES TO
- 8. 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.
- 10. ALL UTILITIES NOT SLATED FOR DEMOLITION ARE TO REMAIN FUNCTIONAL AT ALL TIMES. THIS INCLUDES BYPASS PUMPING STORM AND SANITARY FLOWS, IF NECESSARY
- I 1.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.
- 12. AREAS OF ASPHALT AND CONCRETE REMOVAL SHALL BE SAWCUT WITH A NEAT STRAIGHT LINE AT ALL REMOVAL LIMITS.
- 13. CONTRACTOR RESPONSIBLE FOR OBTAIN ALL DEMOLITION PERMITS AND INCLUDE ALL FEES ASSOCIATED WITH THOSE PERMITS. IN HIS BID.
- 14.IF ANY ENVIRONMENTAL CONDITIONS OR ISSUES, NOT PREVIOUSLY IDENTIFIED, ARE ENCOUNTERED DURING DEMOLITION, THE OWNER AND THE CONTRACTORS(S) SHALL IMMEDIATELY NOTIFY THE TOWN, MONROE COUNTY HEALTH DEPARTMENT AND NYSDEC BEFORE CONTINUING THE DEMOLITION PROCESS.
- 15. ALL MATERIALS SHALL BE RECYCLED, WHEN APPROPRIATE.

REMAIN SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

- 16. THE CONTRACTOR SHALL OBTAIN ALL SEWER PERMITS PRIOR TO DEMOLITION.
- 17. 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 NYSDOT SECTION 203 AND THE PROJECT'S GEOTECHNICAL REPORT/RECOMMENDATIONS. ALL FILL MATERIALS SHALL BE COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
- 18. 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 NYSDOT STANDARD SPECIFICATION SECTION 304) COMPACTED IN 12" LIFTS TO 95% MODIFIED PROCTOR TEST.
- 19. 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.
- 1. AFTER MCDOT APPROVES THIS PROJECT, A 136 HIGHWAY PERMIT AND A 239F PERMIT WILL BE REQUIRED. INSPECTION OF ALL CONSTRUCTION IN THE RIGHT-OF-WAY WILL BE A CONDITION OF THESE PERMITS.
- 2. ALL UTILITIES MUST BE BORED ACROSS THE COUNTY HIGHWAY.
- HIGHWAY DRAINAGE ALONG THE COUNTY HIGHWAY MUST BE MAINTAINED. THE APPLICANT WILL BE RESPONSIBLE FOR ALL REQUIRED GRADING IN THE COUNTY RIGHT-OF-WAY. THE OWNER WILL PLACE A CULVERT AND/OR STORM SEWER OF A TYPE AND SIZE DETERMINED BY THE MONROE COUNTY DIRECTOR
- ALL MATERIALS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE MONROE COUNTY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND DETAILS IN EFFECT WHEN
- 5. THE OWNER AGREES TO REMOVE, TRIM AND MAINTAIN VEGETATION IN HIGHWAY RIGHT OF WAY TO PROVIDE ADEQUATE SIGHT DISTANCE.
- ALL FINAL ENTRANCE/INTERSECTON STRIPING SHALL BE COORDINATED WITH HIGHWAY PLANS PRIOR TO

CONSTRUCTION SEQUENCE FOR STEEP SLOPE STABILIZATION / JUTE MESH INSTALLATION FOR SLOPES

- 1. STRIP TOPSOIL ON SLOPE.
- 2. GRADE SLOPE PER PLAN. CONTRACTOR SHALL TAKE CARE TO NOT OVER EXCAVATE EMBANKMENT.
- 3. REPLACE TOPSOIL

OF 1:3 OR GREATER:

- 4. TRACK TOPSOIL WITH A BULLDOZER IN A DIRECTION PERPENDICULAR TO THE PROPOSED CONTOUR LINES.
- 5. IMMEDIATELY SEED AND FERTILIZE TOPSOIL PER PLAN.

SOIL THEN STAPLE MATTING AT CHECK SLOTS.

- 6. IMMEDIATELY APPLY JUTE MESH BY UNROLLING THE PRODUCT DOWN THE SLOPE. DO NOT STRETCH THE MESH, ALLOWING IT TO FULLY CONTACT THE SOIL
- 7. 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. 8. SECURE BEGINNING AND END OF ROLL BY ANCHORING THE MATTING INTO 6" DEEP SLOTS CUT INTO THE
- 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

ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. THE PERMITTEE SHALL 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 ALL AREAS OF THE PROJECT SITE THAT INVOLVE SOIL DISTURBING ACTIVITIES ARE REQUIRED TO PROVIDE THE MEASURES BY THE TOWN DOES NOT RELIEVE THE DEVELOPER OF HIS OBLIGATIONS UNDER THE NYSDEC SPDES FOLLOWING SEED MIXTURES DURING CONSTRUCTION: GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITY. (GP-0-20-001).

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.
- 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 FILLING 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.
- 2. ALL EDGES ON EXISTING SIDEWALK 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
- 4. ALL AREAS UNDER ROADWAY PAVEMENT THAT ARE EXCAVATED OR UNDERMINED SHALL BE BACKFILLED WITH CRUSHED STONE, COMPLYING WITH NYSDOT STANDARD SPECIFICATION ITEM NO. 304.12, AND SHALL BE PLACED AND COMPACTED IN 4" LIFTS UP TO THE ROADWAY SECTION SUBBASE FLEVATION.
- 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 SURGRADE 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

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- 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.

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 6 INCHES ON 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-SPREADING TOPSOIL IN ALL TURF AND LANDSCAPE AREAS (BEDS AND ISLANDS).
- 2. 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
- 5. LIME SOIL OR ADD OTHER ORGANIC AMENDMENTS AS NECESSARY TO ACHIEVE A SOIL pH BETWEEN 5.5 -
- TOP DRESSING WITH SOIL, SCARIFYING, AND SEEDING TO FORM A SMOOTH, FULL, EVEN LAWN, FREE OF BARE SPOTS, INDENTATIONS, AND WEEDS.

6. LANDSCAPE CONTRACTOR SHALL WORK OVER LAWN AREAS THAT HAVE REMAINED PARTIALLY INTACT.

INTO THE SOIL TO CREATE GOOD SEED-TO-SOIL CONTACT, NO DEEPER THAN THE THICKNESS OF THE SEED. FERTILIZING, APPLY 10-0-10 FERTILIZER EVENLY AT THE RATE OF 20 POUNDS PER 1000 SQ FT. NO FERTILIZER CONTAINING PHOSPHORUS IS PERMITTED ON SITE.

SEEDING SHOULD BEGIN IMMEDIATELY UPON COMPLETION OF FINE GRADING. SEED SHOULD BE PRESSED

- SEED SHOULD BE APPLIED EITHER BY HAND BROADCASTING OR HYDRO SEEDING. TWO PASSES SHALL BE MADE IN PERPENDICULAR DIRECTIONS TO INSURE PROPER COVERAGE.
- 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% FIREFLY HARD FESCUE 25% BIG HORN GT HARD/SHEEP 20% INTRIGUE CHEWINGS FESCUE 20% QUATRO SHEEP FESCUE 0% MINOTAUR HARD FESCUE
- MIX B: SEEDING RATE: 4LBS./1.000 SQ.FT
- OCCASIONAL WET WET LOCATIONS: 20% RED TOP 20% VIRGINIA WILD RYEGRASS 20% ALKALI GRASS 20% FOX SEDGE 10% FOWL BLUEGRASS
- **10% AUTUMN BENTGRASS**
- 11. 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
- 12. 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

BLANKET OF STRAW MULCH AT THE RATE OF 100 POUNDS PER 1000 SQ FT OF SEEDED AREA.

- A.COLORED WOOD CELLULOSE FIBER PRODUCT SPECIFICALLY DESIGNED FOR USE AS A HYDRO-MECHANICAL APPLIED MUICH ACCEPTABLE PRODUCT: CONWED HYDRO MULCH, CONWED FIBERS, 231 4TH STREET SW, HICKORY, NC
- 13. 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
- 4. 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

SEEDING NOTES

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 @ 26-35 LBS. PER ACRE OR 0.6-0.8 LBS. PER 1000

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 MILICH WITHIN 7 DAYS OF THE LAST DISTURBANCE ONCE CONSTRUCTION ACTIVITY CFASES 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).

SQUARE FEET 15% FINE FESCUE @ 19-26 LBS. PER ACRE OR 0.4-0.6 LBS. PER 1000 SQUARE FEET

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

LANDSCAPING NOTES:

- 1. 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.
- 2. IT IS THE LANDSCAPE CONTRACTORS RESPONSIBILITY TO VISIT THE SITE PRIOR TO BID SUBMITTAL, TO BECOME FAMILIAR WITH EXISTING CONDITIONS AT THE SITE.
- 3. 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
- 4. ALL PLANTS MUST BE HEALTHY, VIGOROUS AND FREE OF PESTS AND DISEASE.

REQUIREMENTS FOR PLANT MATERIALS DELIVERED AND INSTALLED ON THIS PROJECT.

- 5. 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.
- 6. ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED AND MEET SIZE REQUIREMENTS AS INDICATED ON THE PLANT LIST
- 7. 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.).
- 8. CRABAPPLE AND PEAR VARIETIES ARE CONSIDERED A FALL PLANTING HAZARD. THE CONTRACTOR SHALL TAKE SPECIAL CARE IN PLANTING AND WATERING THESE PLANTS.
- 9. ANY PROPOSED DEVIATION TO THE LANDSCAPE PLAN MUST FIRST BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT.
- 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.
- 11.ALL GRADING AND UTILITY WORK SHALL BE COMPLETED PRIOR TO INSTALLATION OF PLANT MATERIAL AND
- 12. 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.
- 13. ANY CONCERNS RELATED TO SITE CONDITIONS AND/OR PLANT LOCATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- 14.PLANTING BACKFILL MIXTURE: 4 PARTS TOPSOIL (ON-SITE OR IMPORTED), 1 PART PEAT MOSS, 1/2 PART WEL **ROTTED MANURE AND 10 LBS. 5-0-5**

15.PLANTING FERTILIZER, MIXED THOROUGHLY PER CUBIC YARD.

DIRECTED BY THE LANDSCAPE ARCHITECT DUE TO SITE CONDITIONS.

- 16.MULCH ALL PLANT BEDS. AND INDIVIDUAL TREES IN LAWN AREAS WITH SHREDDED HARDWOOD BARK MULCH TO A DEPTH OF THREE (3") INCHES UNLESS OTHERWISE SPECIFIED ON PLANTING DETAILS, OR AS
- 17. 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).
- 18. 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.
- GUARANTEED FOR THREE (3) YEARS. THE GUARANTEE SHALL BE INCLUSIVE OF ALL MATERIAL AND LABOR COSTS. AT THE END OF THE GUARANTEE PERIOD THE OWNER'S REPRESENTATIVE WILL INSPECT ALL PLANT MATERIALS. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REQUIRED REPLACEMENTS WITH PLANT MATERIALS MEETING THE SPECIFICATIONS (E.G. SPECIES, SIZE AND CHARACTER). 20. 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

MULCHED AND WATERED UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED. THIS IS EXCLUDING

THAN SIX (6") INCHES AFTER COMPACTION. TOPSOIL PLACED FOR LAWNS SHALL BE FINE GRADED, SEEDED,

PUPON COMPLETION AND ACCEPTANCE OF THE LANDSCAPING. THE LANDSCAPE MATERIALS SHALL BE

- FOUNDATION PLANT BEDS AND ENTRANCE AREAS 21.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
- 22.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)
- 23.PRE-EMERGENT HERBICIDE SHALL BE USED UNDER MULCH IN ALL TREE AND PLANT BED AREAS.

WHICH OCCURS AS A RESULT OF LANDSCAPE INSTALLATION OPERATIONS

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

- 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

- THAN 4"): . 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
- . WATER SERVICE LINES SHALL BE AS IDENTIFIED AS DESCRIPTION ACWA PORTION = FROM THE WATER MAIN TO AND INCLUDING COPPER CONTROL VALVE ON THE ROW/PROPERTY/EASEMENT LINE ATE PORTION = FROM THE CONTROL VALVE TO THE RPZ
- (a) ACCEPTABLE MATERIAL IS *CLASS 52 CEMENT MORTAR LINED DUCTILE IRON PIPE (b) SERVICE TYPES INCLUDE:DOMESTIC = DS. FIRE = FS. OR COMBINED = CMB 5. THE MCWA PORTION OF THE WATER SERVICE LINE SHALL BE INSTALLED PRIOR TO THE PRIVATE PORTION OF THE
- REQUIRES A BY-PASS ASSEMBLY AROUND THE METER. 7. 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 BY USING THE CONTINUOUS FEED METHOD ACCORDING TO AWWA STANDARD SPECIFICATIONS. AFTER

§ INCH THROUGH 2-INCH METERS. NON-RESIDENTIAL SERVICES: THE INSTALLATION OF AN 1½ INCH METER OR LARGER

storm notes

LATERAL IS PLACED IN SERVICE

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. STORM SEWER MATERIAL:
- SHALL BE CONNECTED TO STORM SEWER WHERE APPLICABLE. WHERE NOTED ON THE PLANS DOWNSPOUTS SHALL DISCHARGE TO SPLASH BLOCKS.

FOUNDATION DRAINS SHALL BE CONNECTED TO STORM WATER SYSTEM VIA SUMP PUMPS. DOWNSPOUTS

Sanitary notes

- SANITARY SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE LATEST
 - REGULATIONS OF THE STATE, COUNTY AND LOCAL MUNICIPALITY MATERIALS - MAINS - 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 7" 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
- 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 3. INFILTRATION AND EXFILTRATION FOR SANITARY SEWERS SHALL BE LIMITED TO 100 GALLONS PER MILE
- 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
- 5. 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.

PIPELINES: SANITARY MANHOLES SHALL BE TESTED FOR EXFILTRATION.

PER INCH DIAMETER OF PIPE PER 24 HOURS.

- 6. 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.
- 10. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS. THE BID PRICE 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%
 - 7. ALL SANITARY SEWER INSTALLATION SHALL BE MADE IN CONFORMANCE WITH THE SPECIFICATIONS, REGULATIONS AND POLICIES OF THE HENRIETTA SEWER DISTRICT
 - ALL HOUSE LATERALS SHALL HAVE A CLEANOUT AT THE PROPERTY LINE OR EASEMENT LINE. ALL SANITARY SEWERS SHALL BE TELEVISED PRIOR TO ANY INSTALLATIONS TO CONFIRM DOWNSTREAM SEWER CONDITION AFTER FINAL BACKFILL IS IN PLACE AT LEAST 30 DAYS

10. FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY SEWER/COMBINATION

SEWER. (FLOOR DRAINS DO NOT INCLUDE FOUNDATION/FOOTER DRAINS). ALL DISCHARGES TO THE SANITARY/ COMBINATION SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR TH MONROE COUNTY SEWER USE LAW. 11. SEPARATION - MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 1 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 JOIN

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 MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES

(INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES. MANHOLES OR VAULTS. 12. SEWER USE LAW: FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY/COMBINATION SEWER. FLOOR DRAINS DO NOT INCLUDE FOUNDATION/FOOTER DRAINS. NOTE: ALL DISCHARGES TO THE SANITARY/COMBINATION SEWER MUST COMPLY WITH THE EFFLUENT

STANDARD WATER MAIN EXTENSION NOTES:

 THE WATER MAIN PIPELINE SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS DESIGNATION C651 (LATEST REVISION). FOLLOWING DISINFECTION, THE WATER MAIN PIPELINE SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM

ALL WATER MAIN PIPE FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB-DISINFECTED 30 MINUTES PRIOR TO INSTALLATION.

THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS.

LIMITS OF THE LOCAL AND OR MONROE COUNTY SEWER USE LAW.

THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH MUST RECEIVE AT LEAST 48-HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT OR LAND SURVEYOR WITH A SPECIAL EXEMPTION LINDER SECTION 7208(N) OF THE EDUCATION LAW) CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS, TESTING AND DISINFECTION PROCEDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS, REPORTS, SPECIFICATIONS AND ANY APPROVED AMENDMENTS. THE DEPARTMENT WILL COLLECT SAMPLES

FOR FREE CHLORINE RESIDUAL, TOTAL COLIFORM, ESCHERICHIA COLI (E. COLI) AND TURBIDITY. THE WATER MAIN PIPE AND APPURTENANCES SHALL NOT BE PLACED INTO SERVICE UNTIL SO

- AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH. 2. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN PIPELINES AND SEWER PIPELINES SHALL B 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 IOINTS 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 MAIN PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10
- FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS. 3. WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN SEVEN (7)
- FEET OF THE FINISHED GRADE. FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED. 4. THE WATER MAIN PIPELINE AND APPURTENANCES SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600, C602, C604, OR C605 (MOST RECENT VERSION AS APPLICABLE) OR IN ACCORDANCE WITH MORE STRINGENT

REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER

CONTRACTORS, AND PLANS.

- UTILITY NOTES: 1. PRIOR TO THE START OF UTILITY INSTALLATION THE CONTRACTOR AND SUBCONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL UTILITY CONNECTIONS WITH MECHANICAL / ARCHITECTURAL DRAWINGS FOR INCLUDING BUT NOT LIMITED TO VERTICAL AND HORIZONTAL LOCATION, PENETRATIONS, AND SIZES, THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH UTILITY INSTALLATION BY THE OWNERS ONSITE REPRESENTATIVE UPON COMPLETION OF COORDINATION WITH
- 2. THE DEVELOPER AND HIS/HER CONTRACTOR IS RESPONSIBLE FOR COORDINATING GAS, ELECTRICAL CABLE, TELEPHONE AND ANY OTHER UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET WITH APPROPRIATE AGENCY. PASSERO ASSOCIATES ASSUMES NO RESPONSIBILITY FOR THE DESIGN OR PERFORMANCE OF UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET

3. PRIOR TO THE START OF UTILITY INSTALLATION THE CONTRACTOR SHALL LOCATE ALL

EXISTING UTILITIES VERTICALLY AND HORIZONTALLY AND COORDINATE WITH EXISTING

ENGINEER. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH

UTILITIES SHOWN ON THE PLANS AND REPORT ANY DISCREPANCIES TO THE DESIGN

UTILITY INSTALLATION BY THE OWNERS ONSITE REPRESENTATIVE UPON COMPLETION **EXISTING UTILITY VERIFICATION** 4. THRUST BLOCKS ON THE WATERMAIN ARE REQUIRED AT BENDS, TEES OR PLUGS. SEE DETAIL SHEETS FOR

HYDRANT FLOW DATA THE PRESSURE AND FLOW DATA PROVIDED HEREIN REPRESENTS THE ACTUAL VALUES AT THIS LOCATION

Q OBS = 1,081 GPM Q 20 = 2.886 GPM

= 57 PSI

= 51 PSI

ELEVATION = ± 588 FT

P ST

P RES

THRUST BLOCK DETAILS.

PARAMETERS, SYSTEM CONFIGURATIONS, SUBSEQUENT MODIFICATIONS AND OTHER RELATED CRITERIA. IF SPECIFIC VALUES OR RANGES OF HYDRAULIC DATA FOR FLOWS AND/OR PRESSURES WILL BE REQUIRED, WE STRONGLY URGE YOU TO CONTACT THE MCWA'S ENGINEERING DEPARTMENT TO EVALUATE WHETHER THIS LOCATION IN THE WATER SYSTEM CAN SATISFY THE SPECIAL NEEDS.

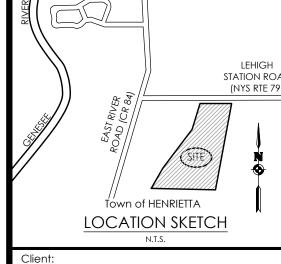
> CONTACT: TOD FERGUSON, TECHNICAL SUPPORT SUPERVISOR (585) 442-2001, EXT 234

IN THE DISTRIBUTION SYSTEM ON THIS DATE AND

TIME. THESE VALUES CAN VARY GREATLY

DEPENDING ON DEMANDS, OPERATIONAL





EAST RIVER HENRIETTA, LLC

64 COMMERCIAL STREET ROCHESTER, NY, 14614

PASSERO ASSOCIATES 2 West Main Street Suite 100 chester, New York 14614 Principal-in-Charge Proiect Manager



(585) 325-100

Fax: (585) 325-169

Jess D. Sudol, PE

Andrew Burns, PE

Revisions

RIVERS EDGE

BEING PART OF TOWN LOTS 1 & 2, SECTION 13,

TWNSHP. 14, RANGE 4, PHELPS & GORHAM PURCHASE

Sheet No.

AUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS I

VIOLATION OF STATE EDUCATION LAW ARTICLE 145 SECTION 7209 AND RTICLE 147 SECTION 7307. THESE PLANS ARE COPYRIGHT PROTECTE

Town/City: HENRIETTA County: MONROE State: NEW YORK 20192793.0007

N/A

NOVEMBER 2023

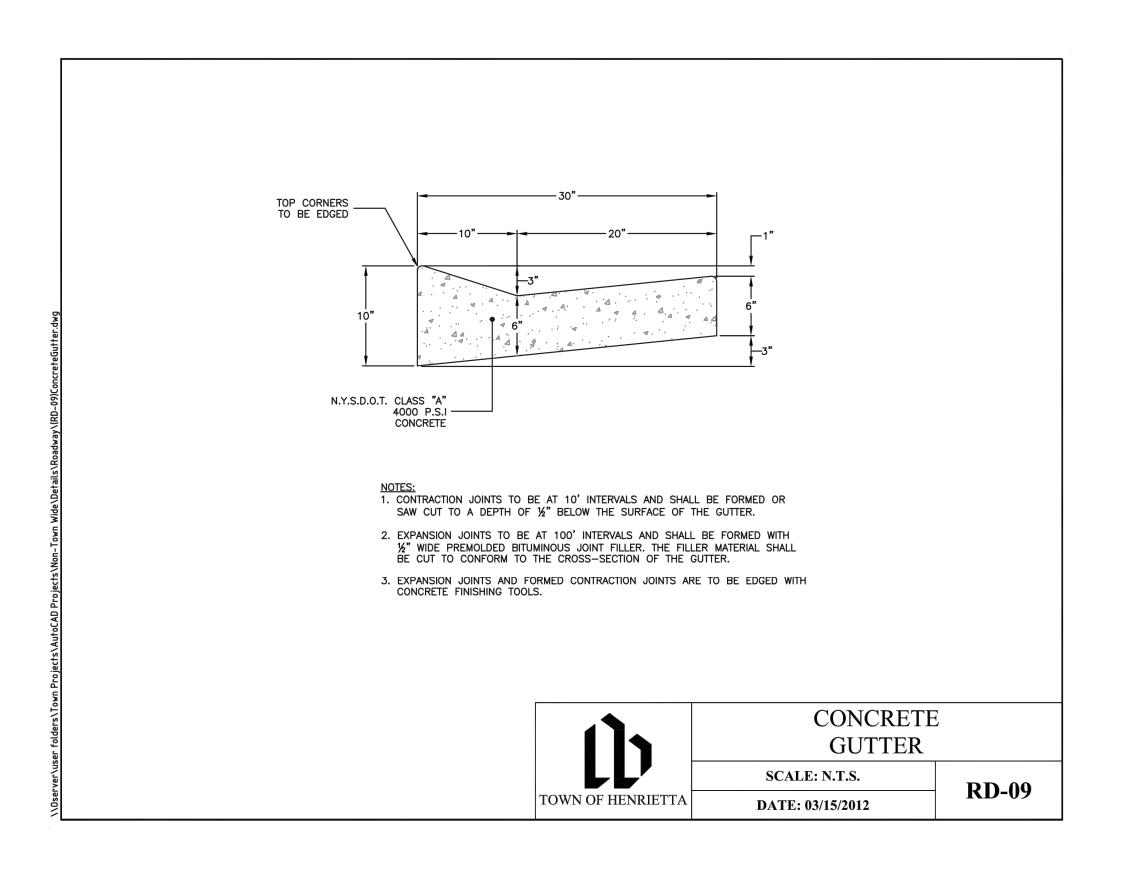
PUBLIC WATER SERVICE LINE NOTES (LESS

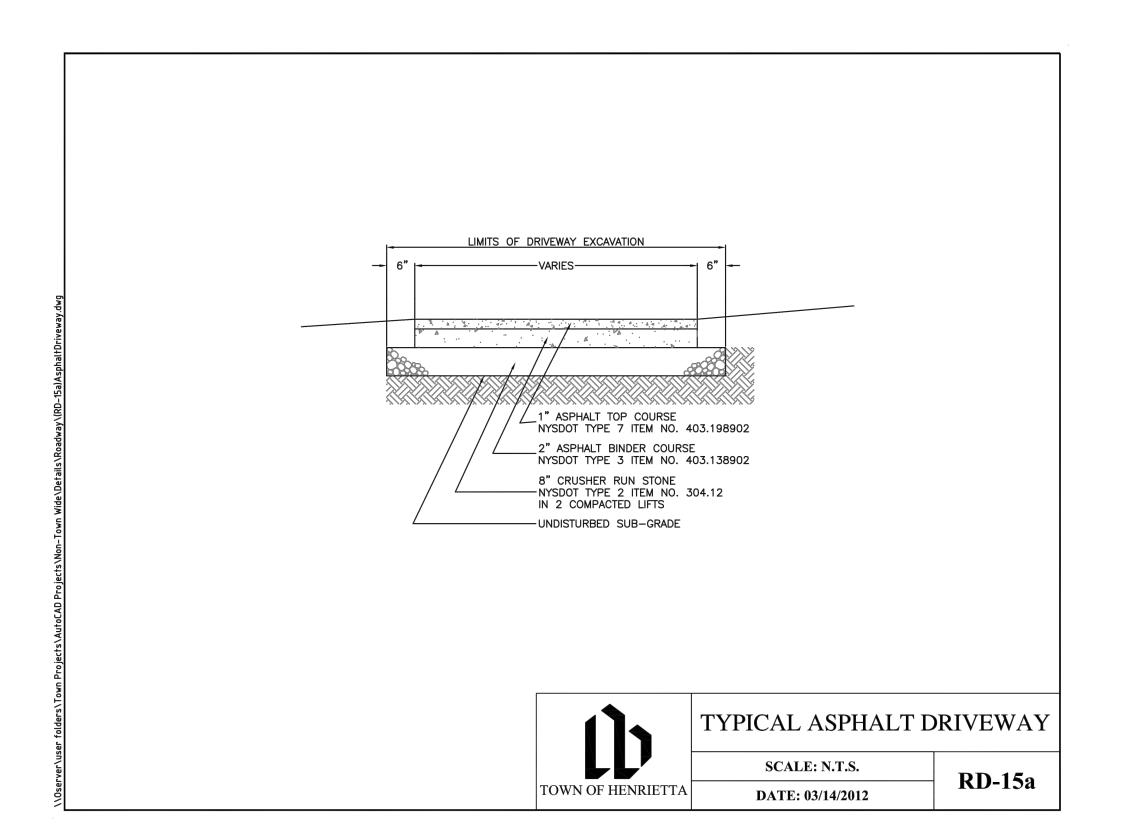
- SERVICE LINE. 6. WATER METER(S) TO BE LOCATED ON THE INTERIOR OF EXTERIOR WALL(S) IMMEDIATELY UPON SERVICE ENTRANCE INTO THE BUILDING(S). RESIDENTIAL SERVICES: A BY-PASS ASSEMBLY IS NOT REQUIRED AROUND THE INSTALLATION OF

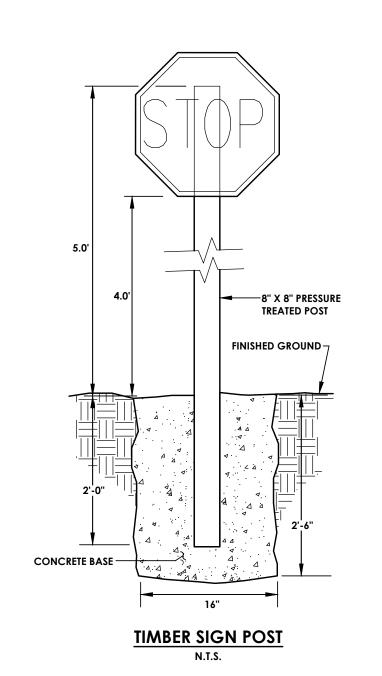
COPPER

- 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
- 4. UPON COMPLETION OF SYSTEM INSTALLATION. THE MAIN SEWER SYSTEM AND LEADS TO STRUCTURES SHALL BE FLUSHED AND LAMPED TO THE SATISFACTION OF THE MUNICIPALITY.

E-MAIL: TOD.FERGUSON@MCWA.COM







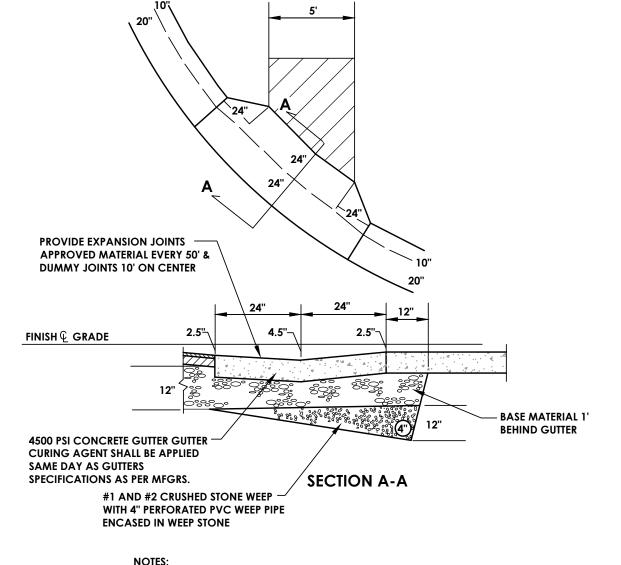
EXISTING SUBGRADE

(TOPSOIL REMOVED)



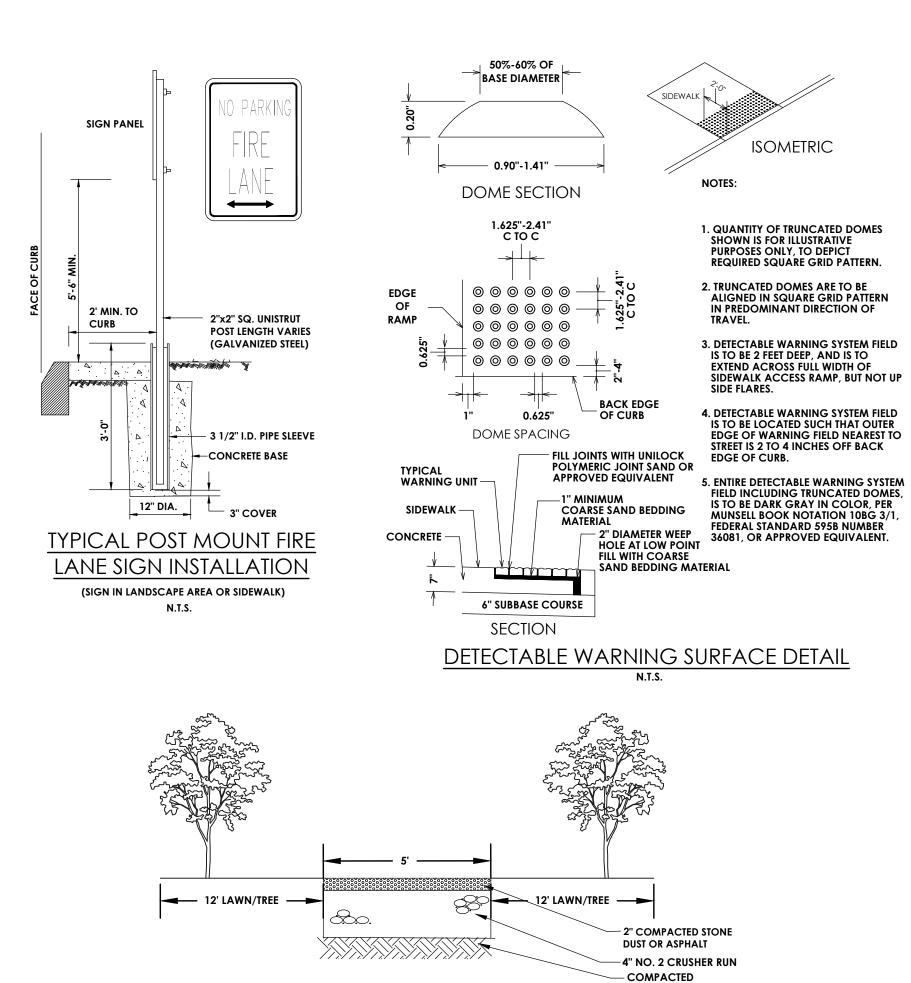


MONUMENT SIGN DETAIL



- 1. BASE SHALL BE COMPACTED WITH A VIBRATORY ROLLER CAPABLE OF PRODUCING A MIN. DYNAMIC FORCE OF 27,000 LBS. OR A 3 WHEEL 10-12 TON ROLLER.
- 2. ALL TOP SOIL, ROOT OR OTHER ORGANIC MATERIAL SHALL BE REMOVED PRIOR TO PLACING FILL OR SHAPING ROAD BOX.
- 3. MAXIMUM SIDE SLOPE SHALL BE 1:12.
- 4. SURFACE OF SIDEWALK RAMP IS TO BE STABLE, FIRM AND SLIP RESISTANT. (COARSE BROOM FINISH PERPENDICULAR TO SLOPE IS ACCEPTABLE.)
- 5. SIDEWALK RAMP AND LANDING PAD IS TO BE 5" THICK.

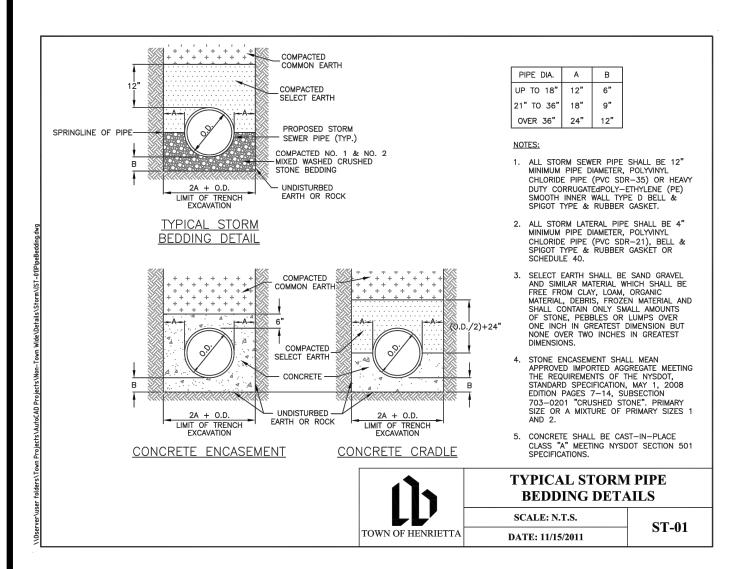
ACCESSIBLE SIDEWALK GUTTER N.T.S.

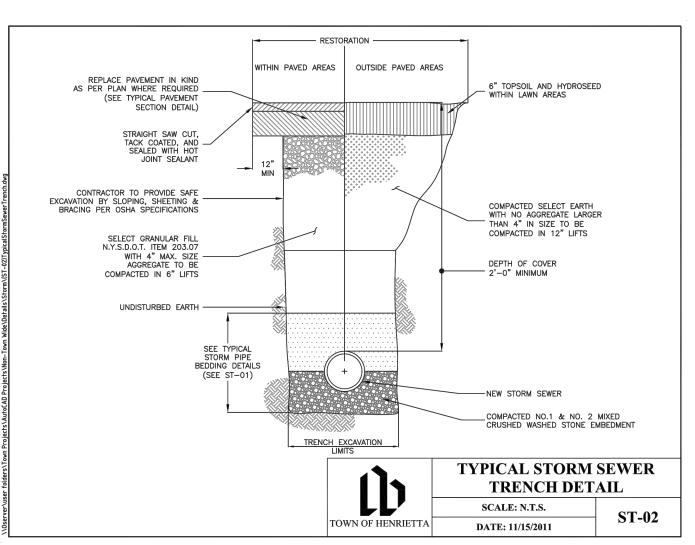


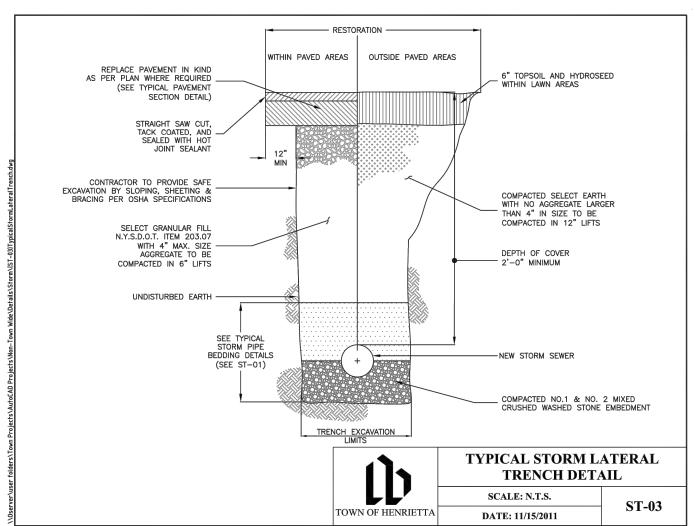
ASHPALT / STONE DUST WALKING TRAIL

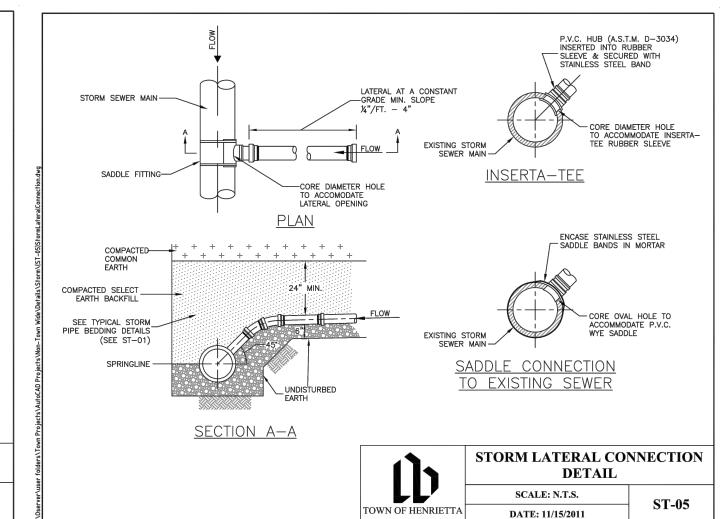


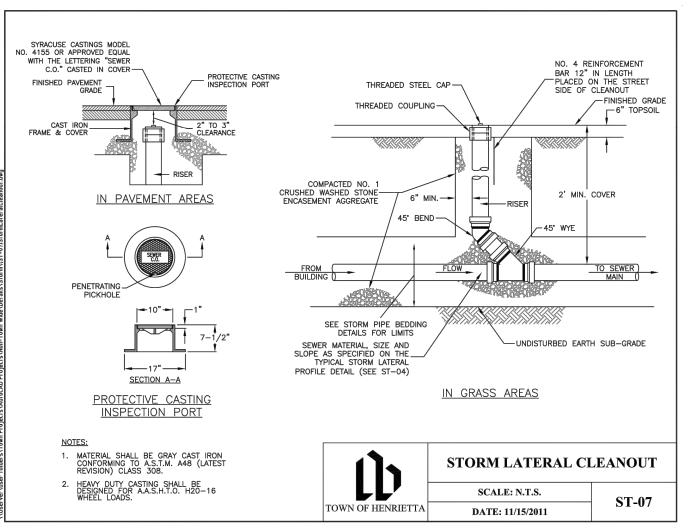
NOVEMBER 2023

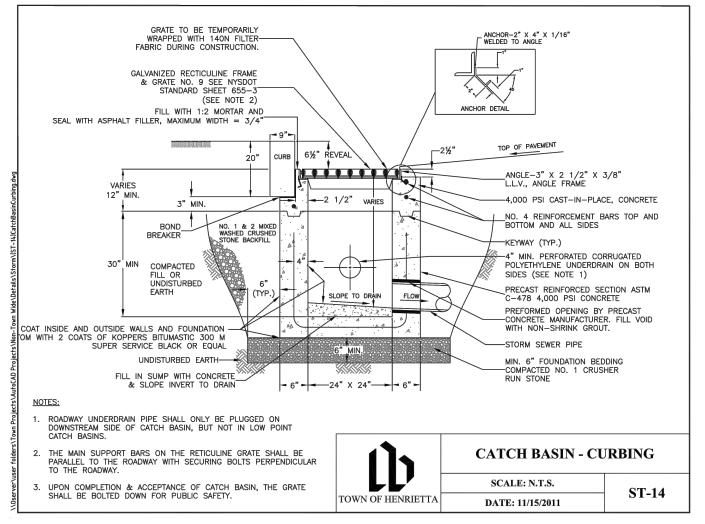


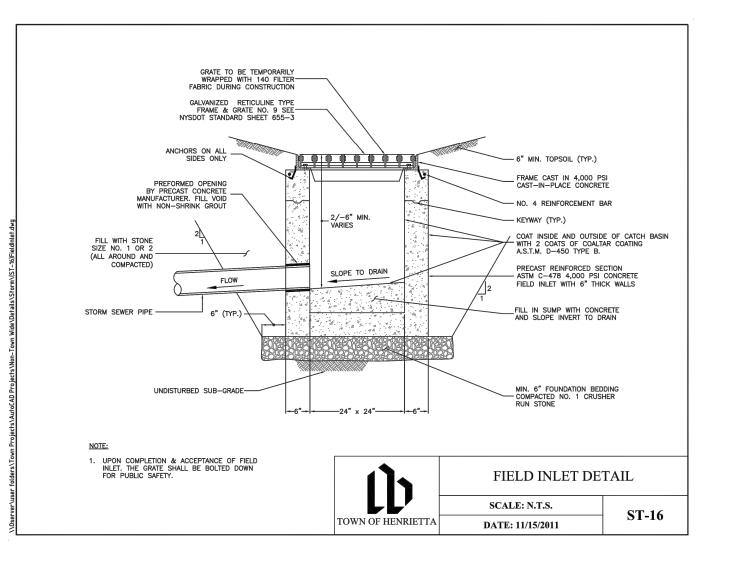


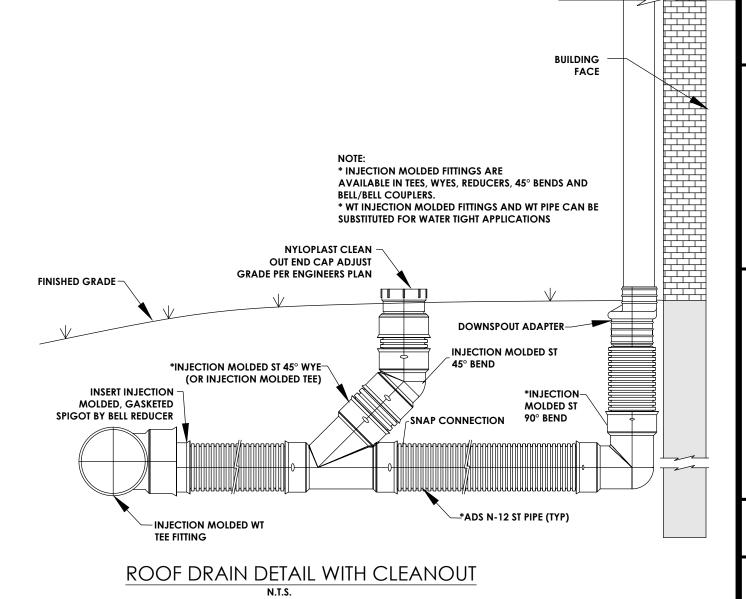


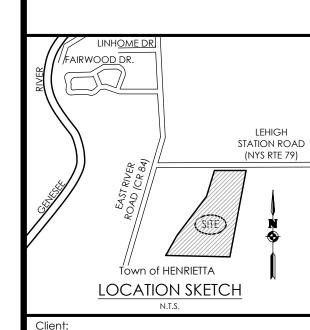












engineering architecture

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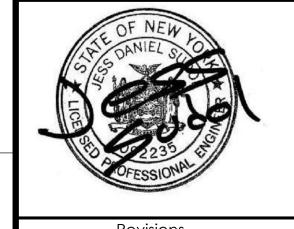
Rochester Suite 100
Fax: (585) 325-169

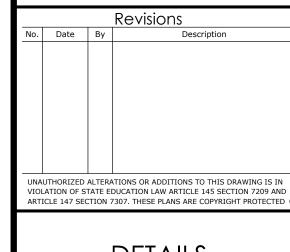
Principal-in-Charge

Jess D. Sudol, PE

Principal-in-Charge
Project Manager
Designed by

Jess D. Sudol, PE
Andrew Burns, PE
Shari Kleis





DETAILS PHASE 1

RIVERS EDGE

BEING PART OF TOWN LOTS 1 & 2, SECTION 13,
TWNSHP. 14, RANGE 4, PHELPS & GORHAM PURCHASE
TOWN/City: HENRIETTA

County: MONROE State: NEW YOR

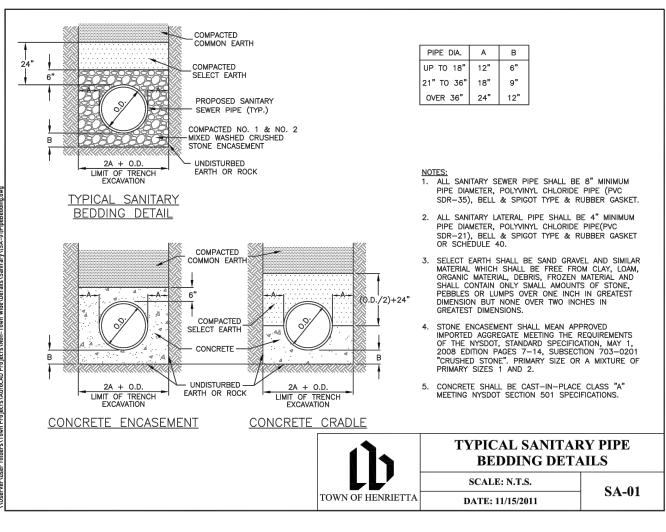
Project No. 20192793.0007

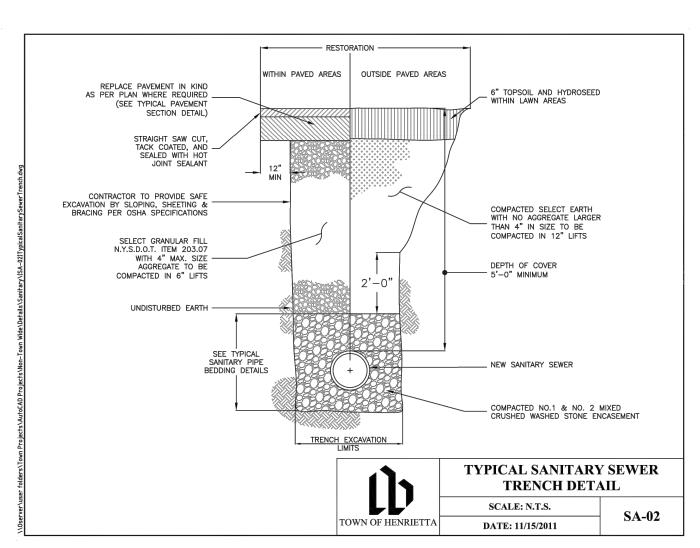
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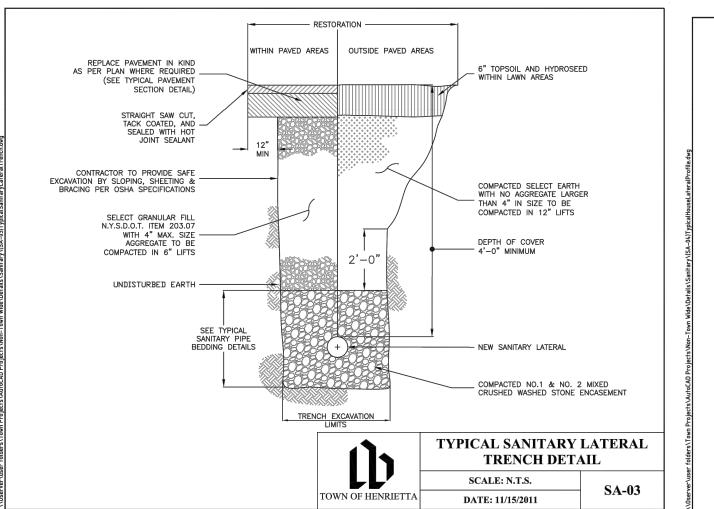
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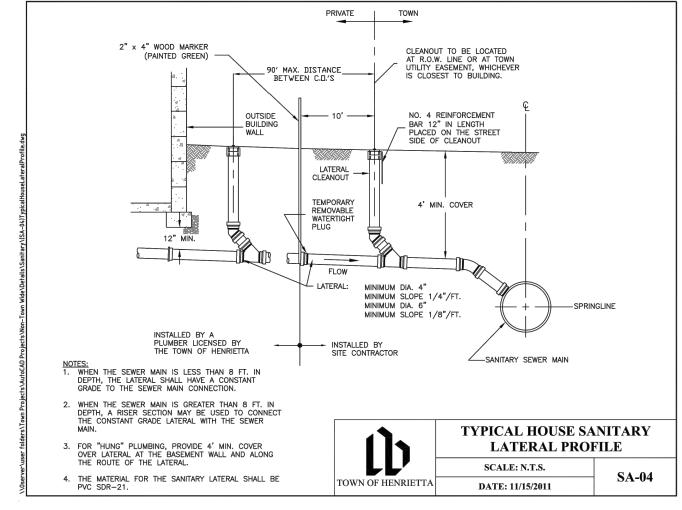
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NOVEMBER 2023

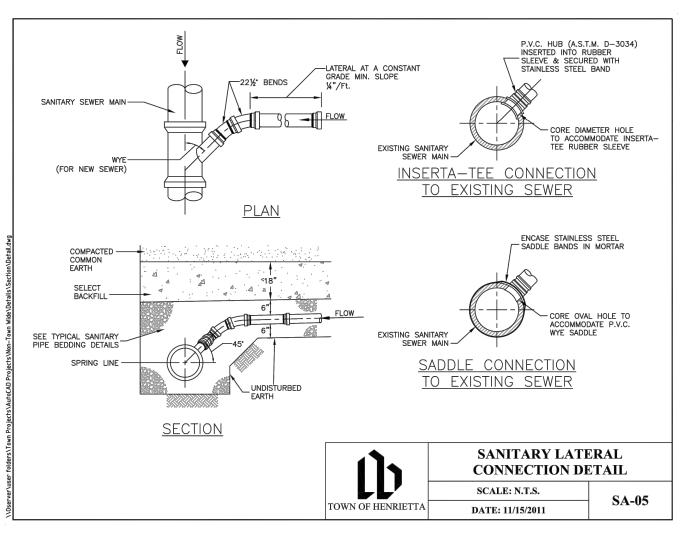


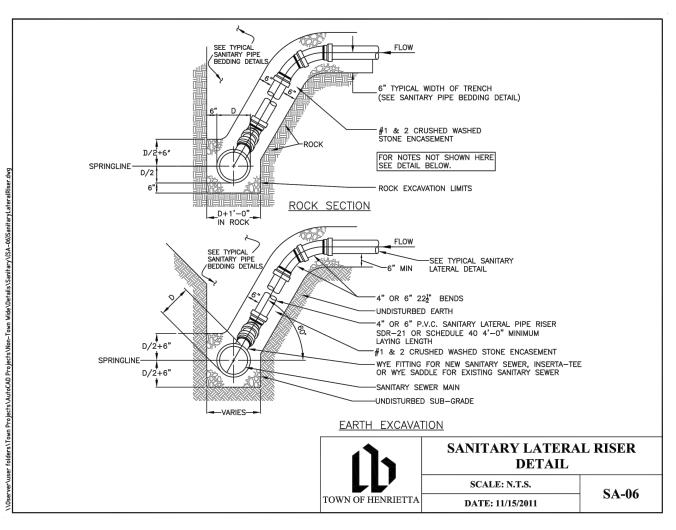


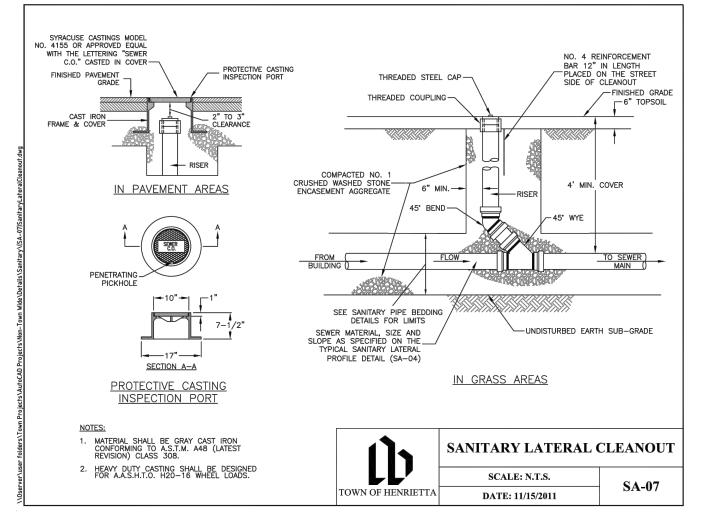


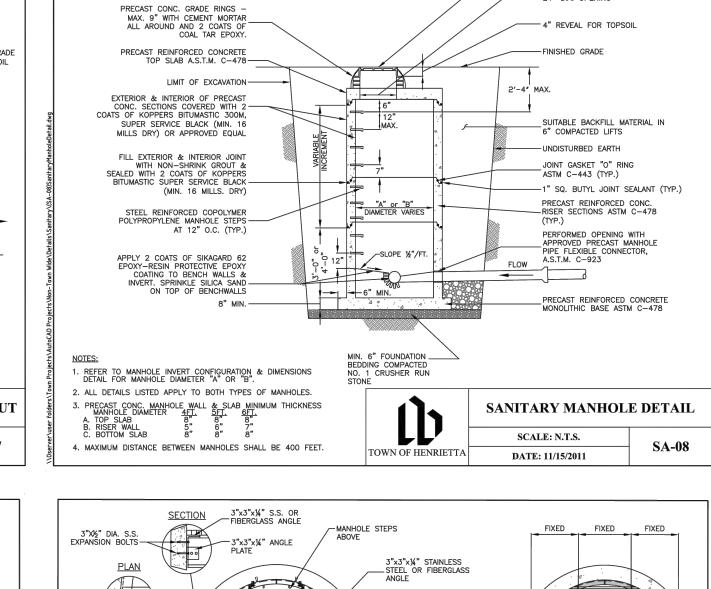


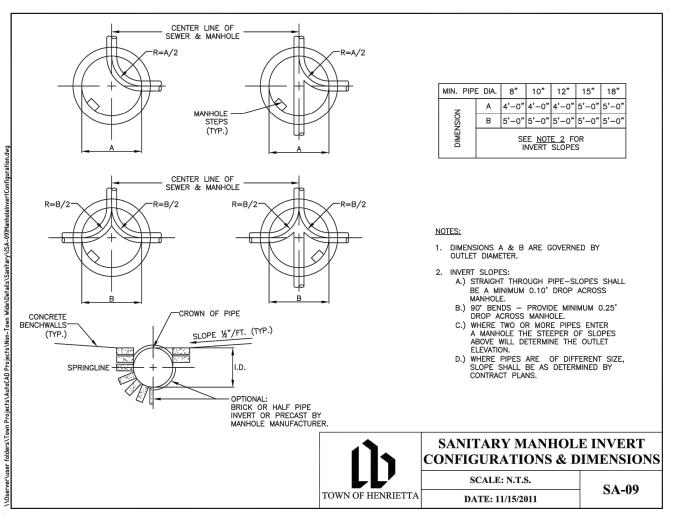
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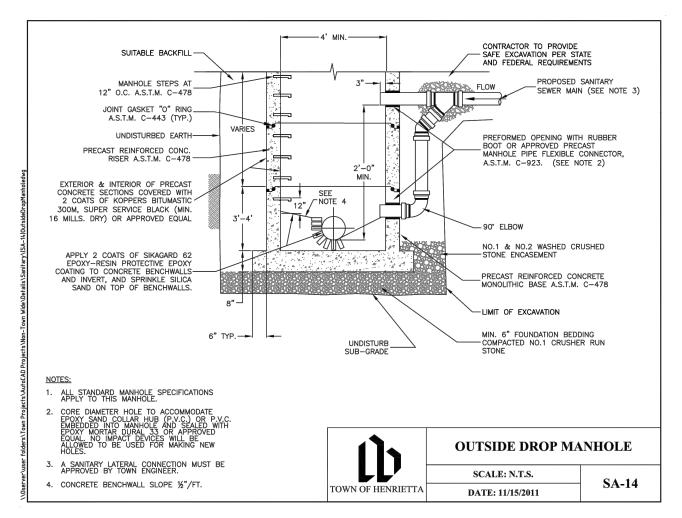


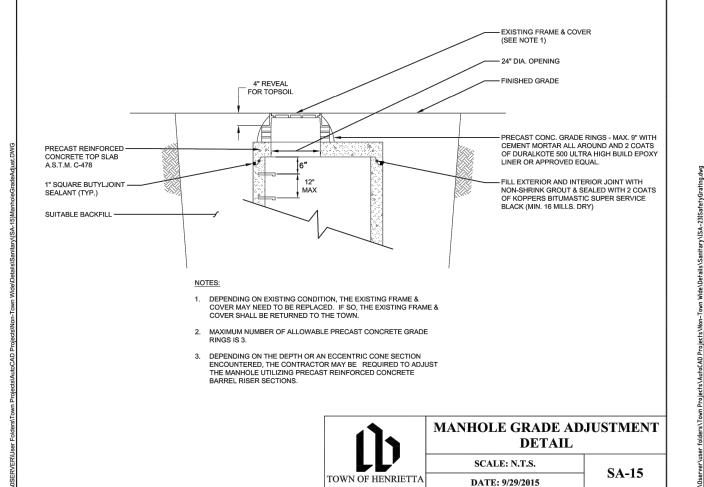


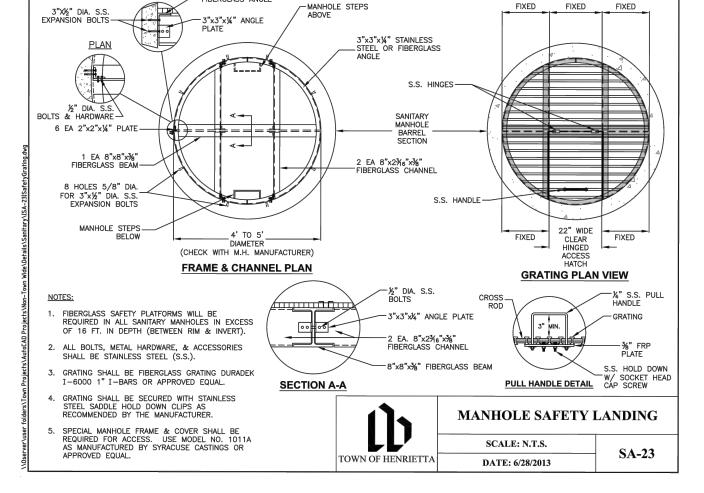




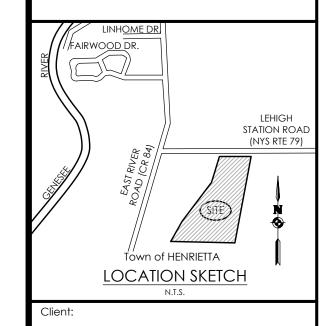








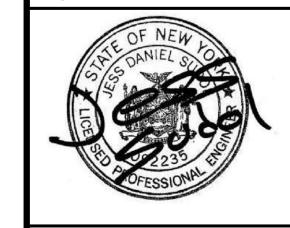


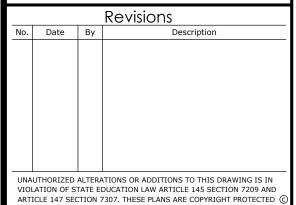


EAST RIVER HENRIETTA, LLC 64 COMMERCIAL STREET SUITE 401 ROCHESTER, NY, 14614

PASSERO ASSOCIATES chester, New York 14614 Fax: (585) 325-169 Principal-in-Charge Jess D. Sudol, PE

Project Manager Andrew Burns, PE Designed by Shari Kleis





DETAILS PHASE '

RIVERS EDGE BEING PART OF TOWN LOTS 1 & 2, SECTION 13, WNSHP. 14, RANGE 4, PHELPS & GORHAM PURCHASE Town/City: HENRIETTA

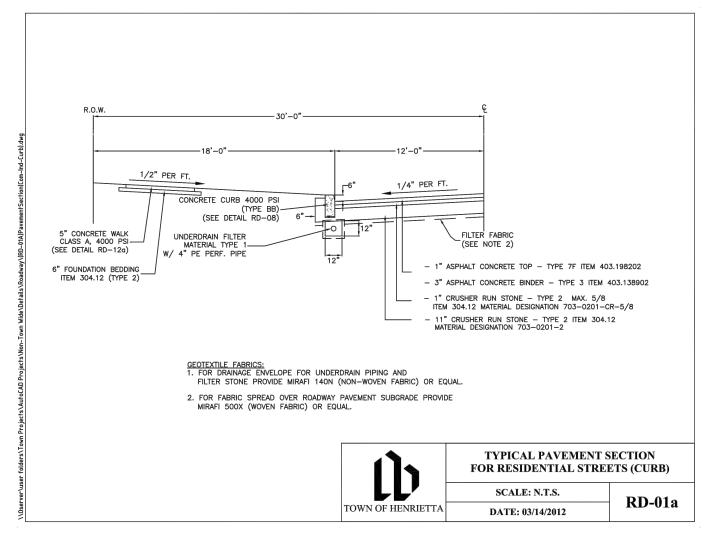
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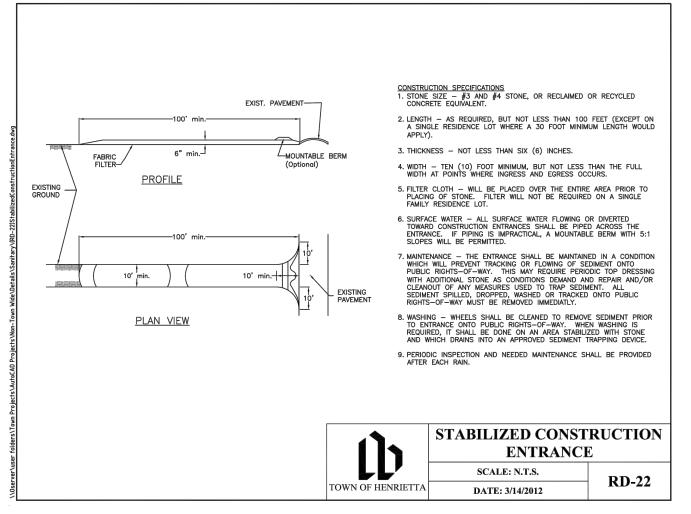
County: MONROE

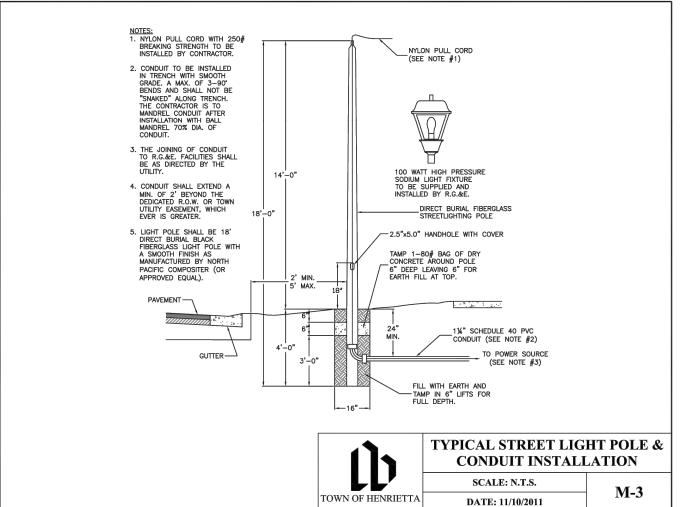
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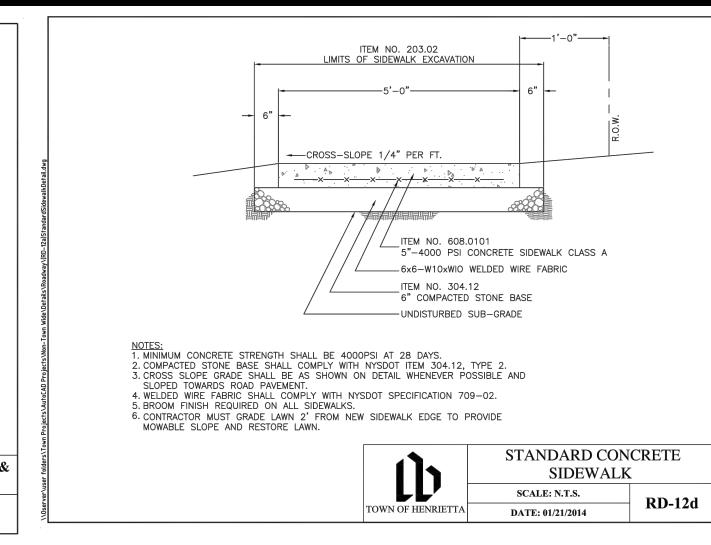
NOVEMBER 2023

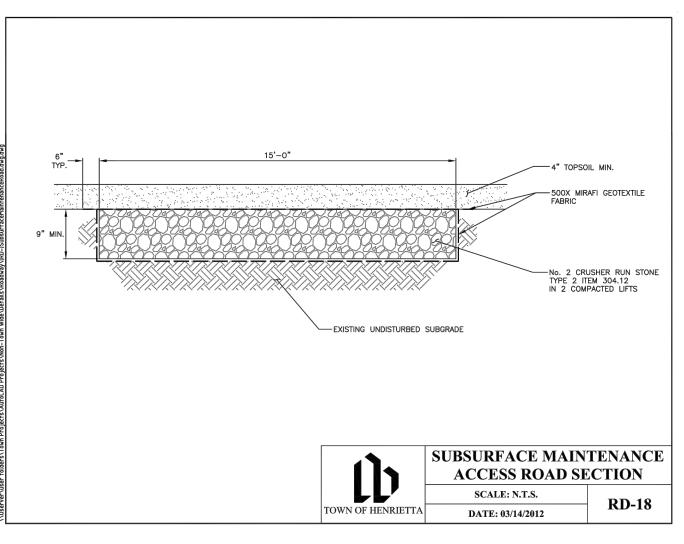
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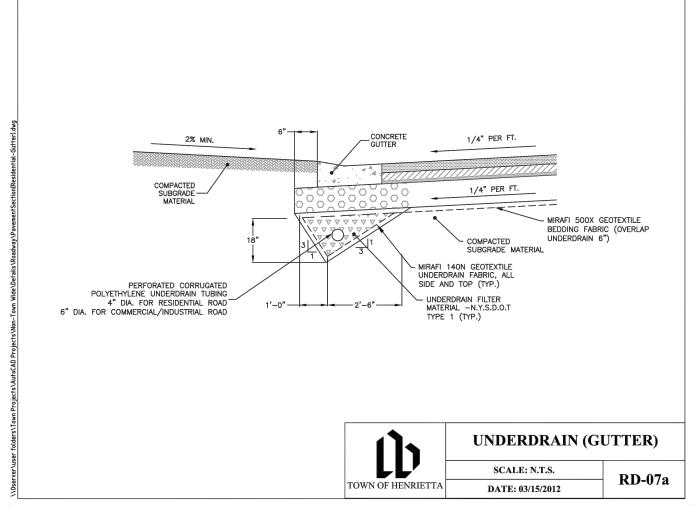


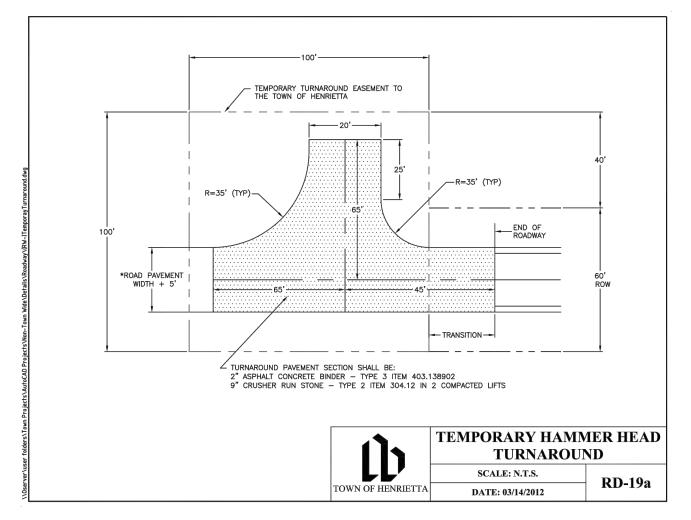


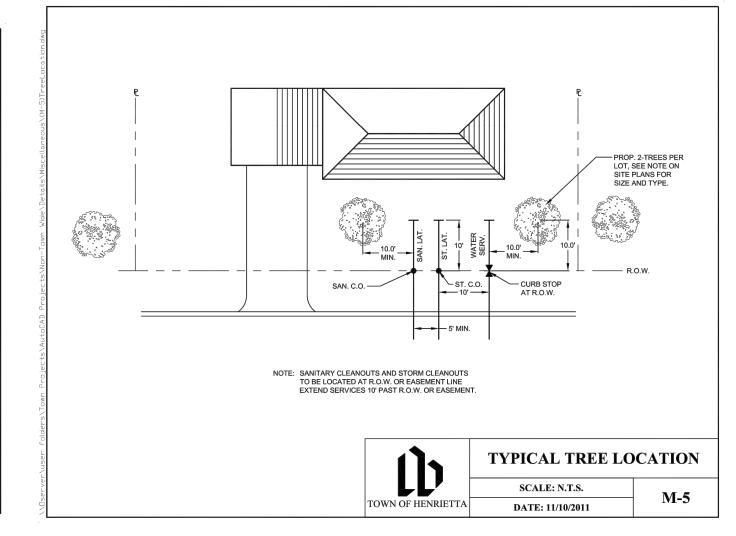


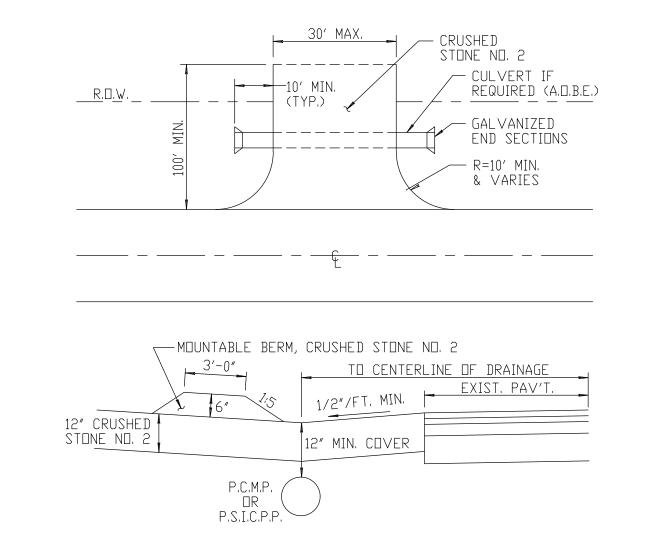


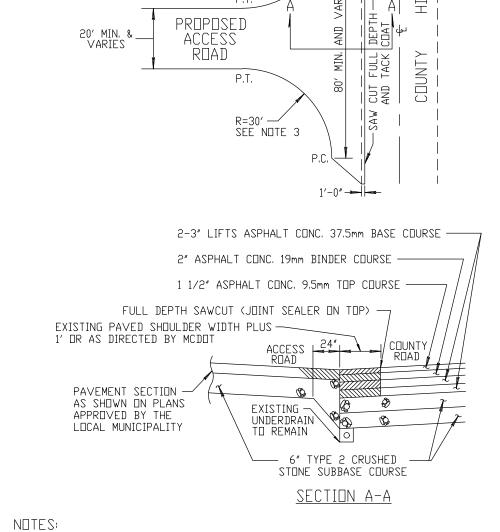


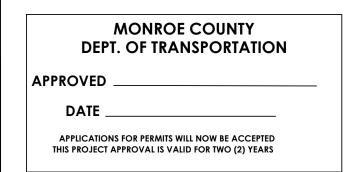


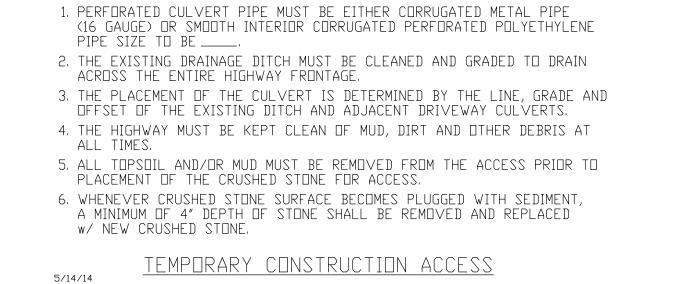








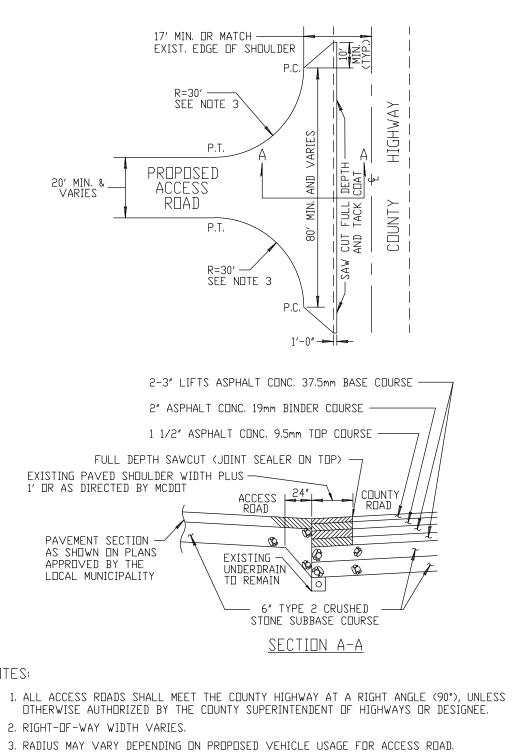




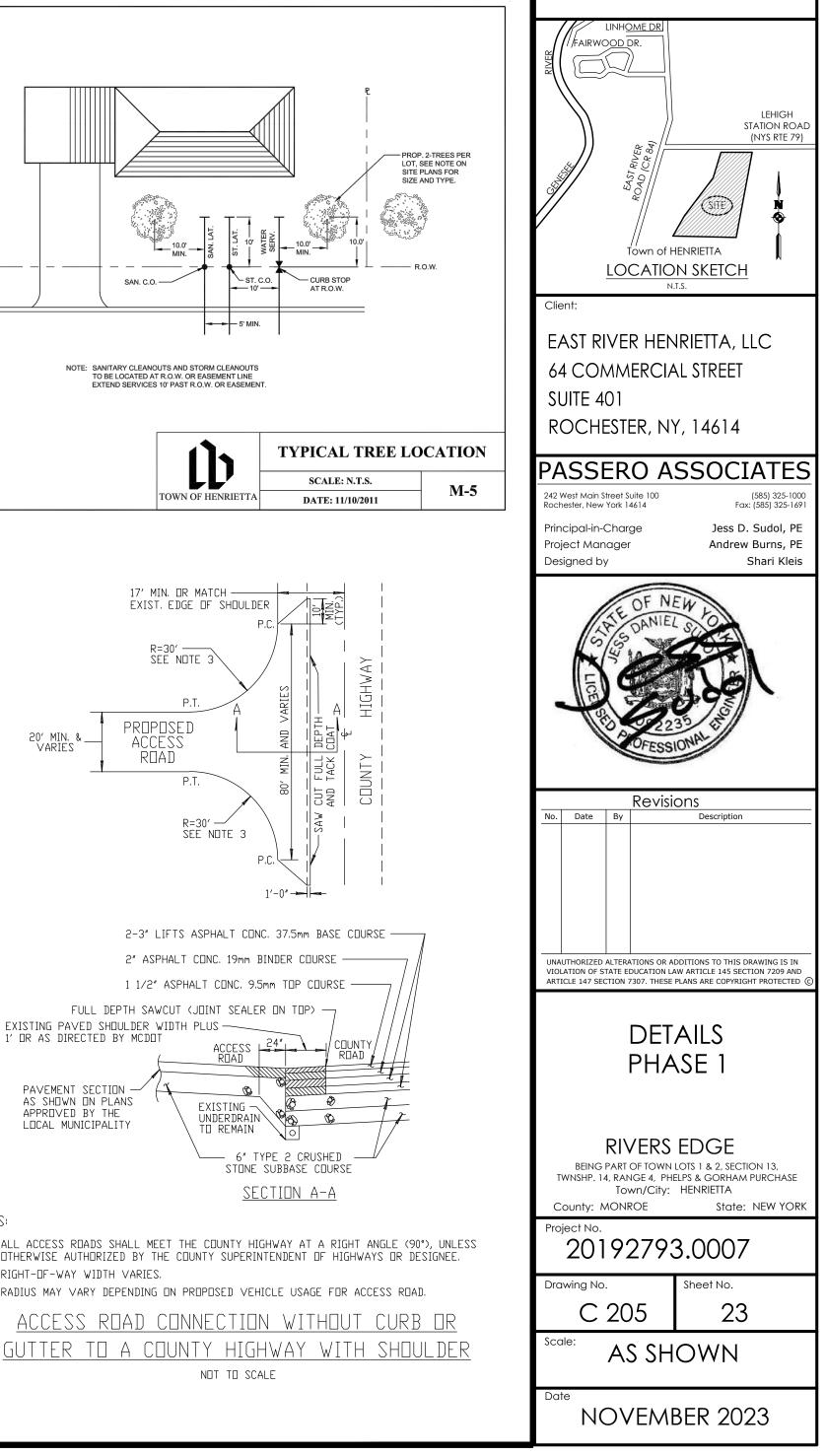
NOT TO SCALE

NOTES:

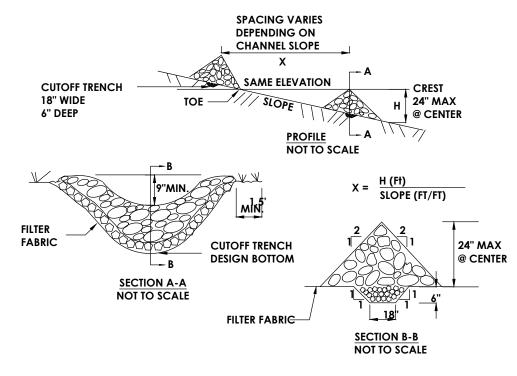
REVISED



NOT TO SCALE



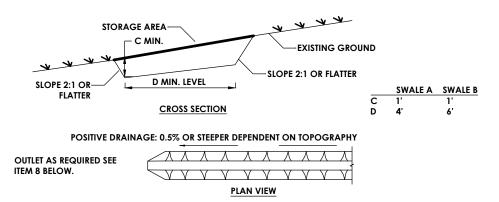
engineering architecture



CONSTRUCTION SPECIFICATIONS

- 1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
- 2. 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. 3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT
- CUTTING AROUND THE DAM. 4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND
- EROSION WITH STONE OR LINER AS APPROPRIATE. 5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED

STONE. MAXIMUM DRAINAGE AREA 2 ACRES. STONE CHECK DAM



CONSTRUCTION SPECIFICATIONS

- ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET. 2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
 3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT
- NON-EROSIVE VELOCITY.
 4. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.

 5. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE
- CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
- NORMAL FLOW.

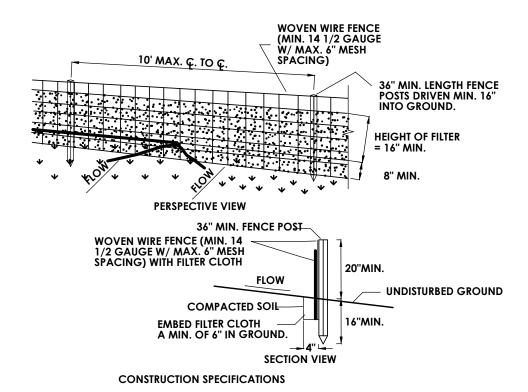
 FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.

 ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH
- THE FUNCTIONING OF THE SWALE. 8. STABILIZATION SHALL BE AS PER THE FLOW CHANNEL STABILIZATION CHART BELOW:
- CHANNEL
 GRADE A(5 AC. OR LESS)
 0.5-3.0% SEED AND STRAW MULCH
 3.1-5.0% SEED AND STRAW MULCH
- SEED AND STRAW MULCH
 SEED USING JUTE OR EXCELSIOR
- 5.1-8.0% SEED WITH JUTE OR EXCELSIOR, SOD LINED WITH 4-8" RIP-RAP OR RECYCLED CONCRETE EQUIVALENT

STORMWATER ACCESS ROAD

9. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

TEMPORARY SWALE DETAIL



1. 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. 2. 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, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.

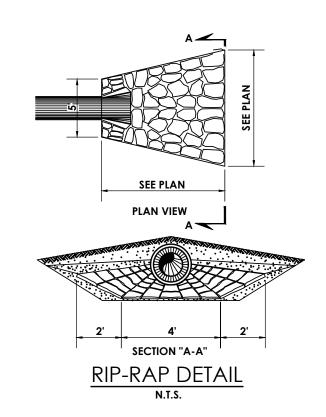
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-

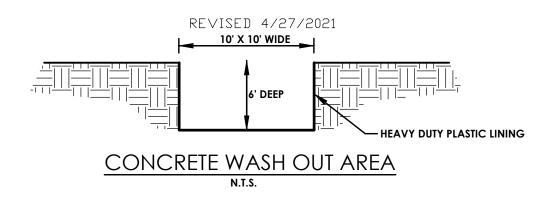
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT. 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

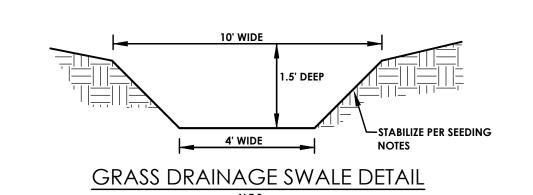
LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X,

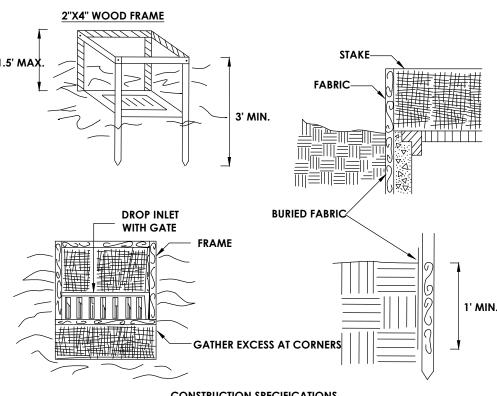
SILT FENCE DETAIL

MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.









CONSTRUCTION SPECIFICATIONS

- 1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM
- APPLICATIONS.

 2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.

 3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A

- 3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.

 4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.

 5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.

 6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STARILITY
- MAXIMUM DRAINAGE AREA 1 ACRE

ELEV = SEE PLAN

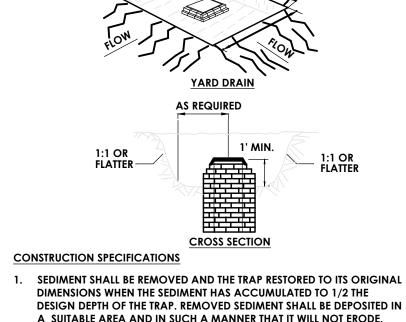
- TOP OF STONE

POND SPILLWAY DETAIL

SPILLWAY

FILTER FABRIC DROP INLET PROTECTION

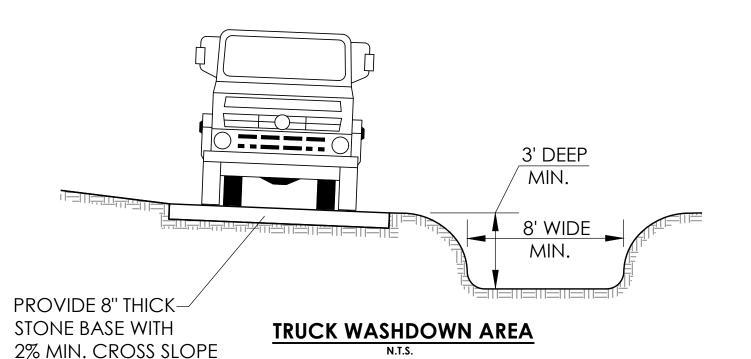
TOP OF BERM



- DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE. 2. THE VOLUME OF SEDIMENT STORAGE SHALL BE 1800 CUBIC FEET PER
- ACRE OF CONTRIBUTORY DRAINAGE.
- 3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS
- MADE AS NEEDED. 4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A
- MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED. 5. THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN
- THE CONSTRUCTED DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. 6. ALL CUT SLOPES SHALL BE 1:1 OR FLATTER.

MAXIMUM DRAINAGE AREA: 3 ACRES

CATCH BASIN SEDIMENT TRAP



STATION ROAD (NYS RTE 79) **LOCATION SKETCH**

engineering architecture

EAST RIVER HENRIETTA, LLC 64 COMMERCIAL STREET SUITE 401

ROCHESTER, NY, 14614 PASSERO ASSOCIATES

242 West Main Street Suite 100 ochester, New York 14614

Principal-in-Charge

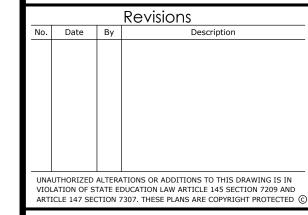
Project Manager Designed by

Shari Kleis

Fax: (585) 325-169

Jess D. Sudol, PE

Andrew Burns, PE



DETAILS PHASE 1

RIVERS EDGE

BEING PART OF TOWN LOTS 1 & 2, SECTION 13, TWNSHP. 14, RANGE 4, PHELPS & GORHAM PURCHASE Town/City: HENRIETTA County: MONROE

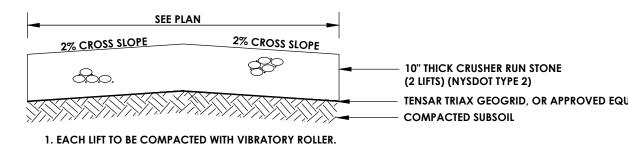
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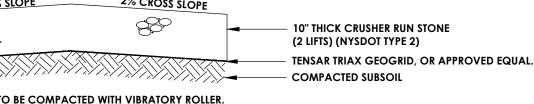
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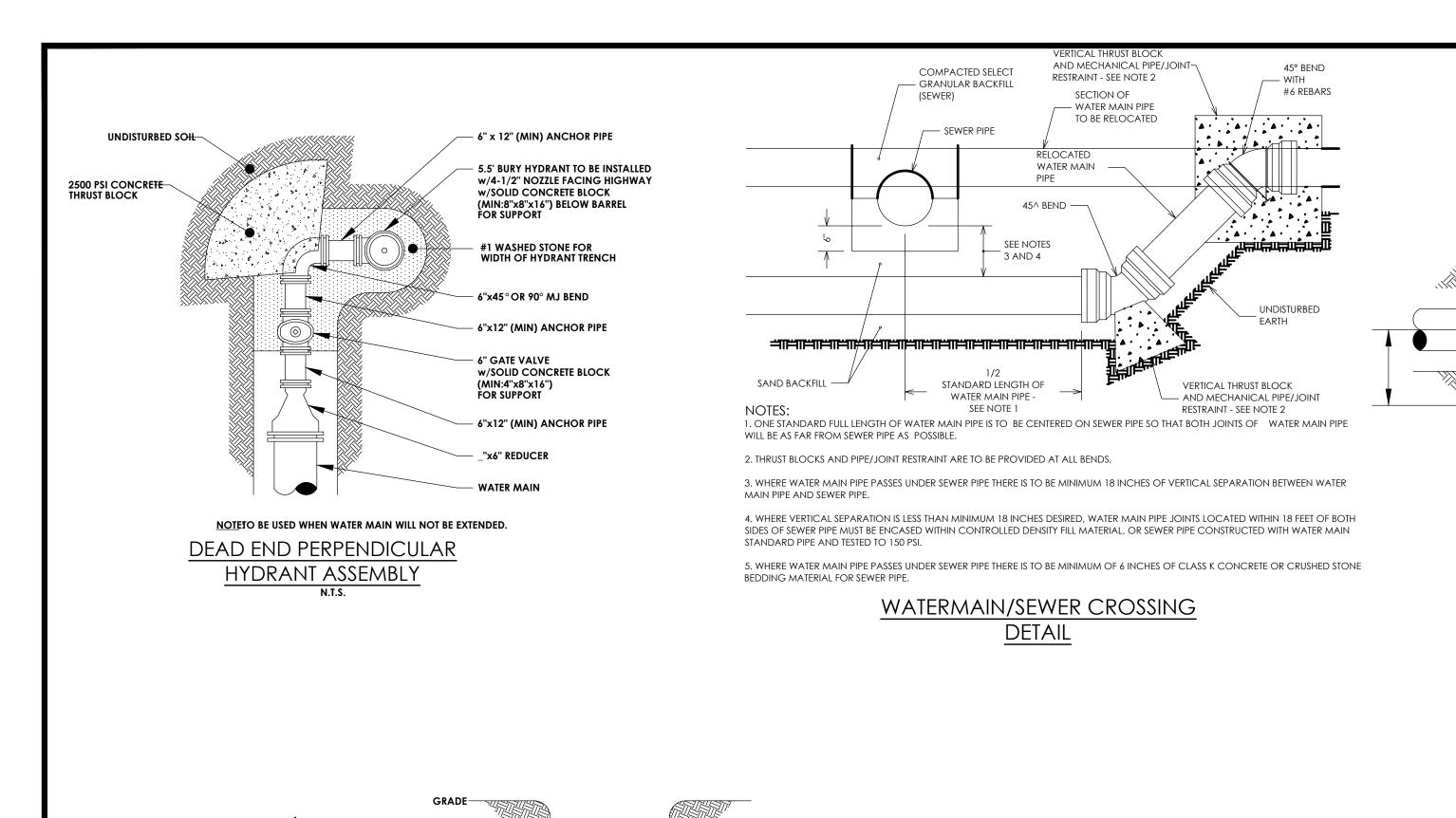
NOVEMBER 2023

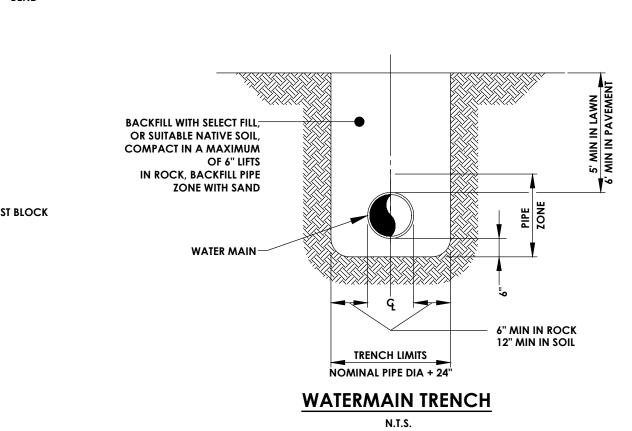
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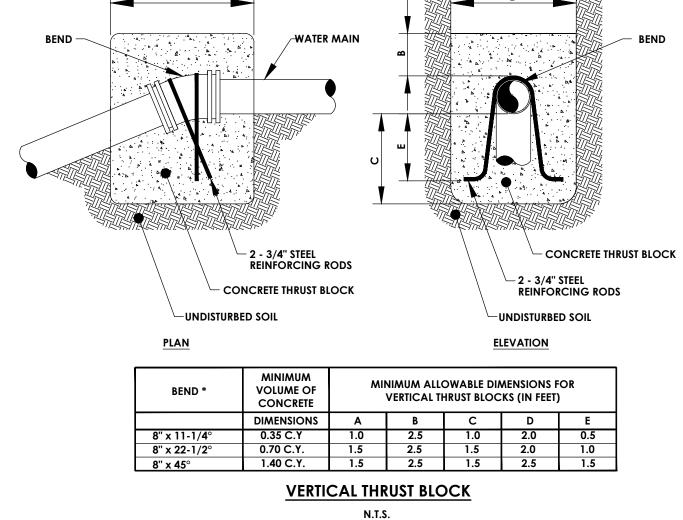
NOT FOR CONSTRUCTION









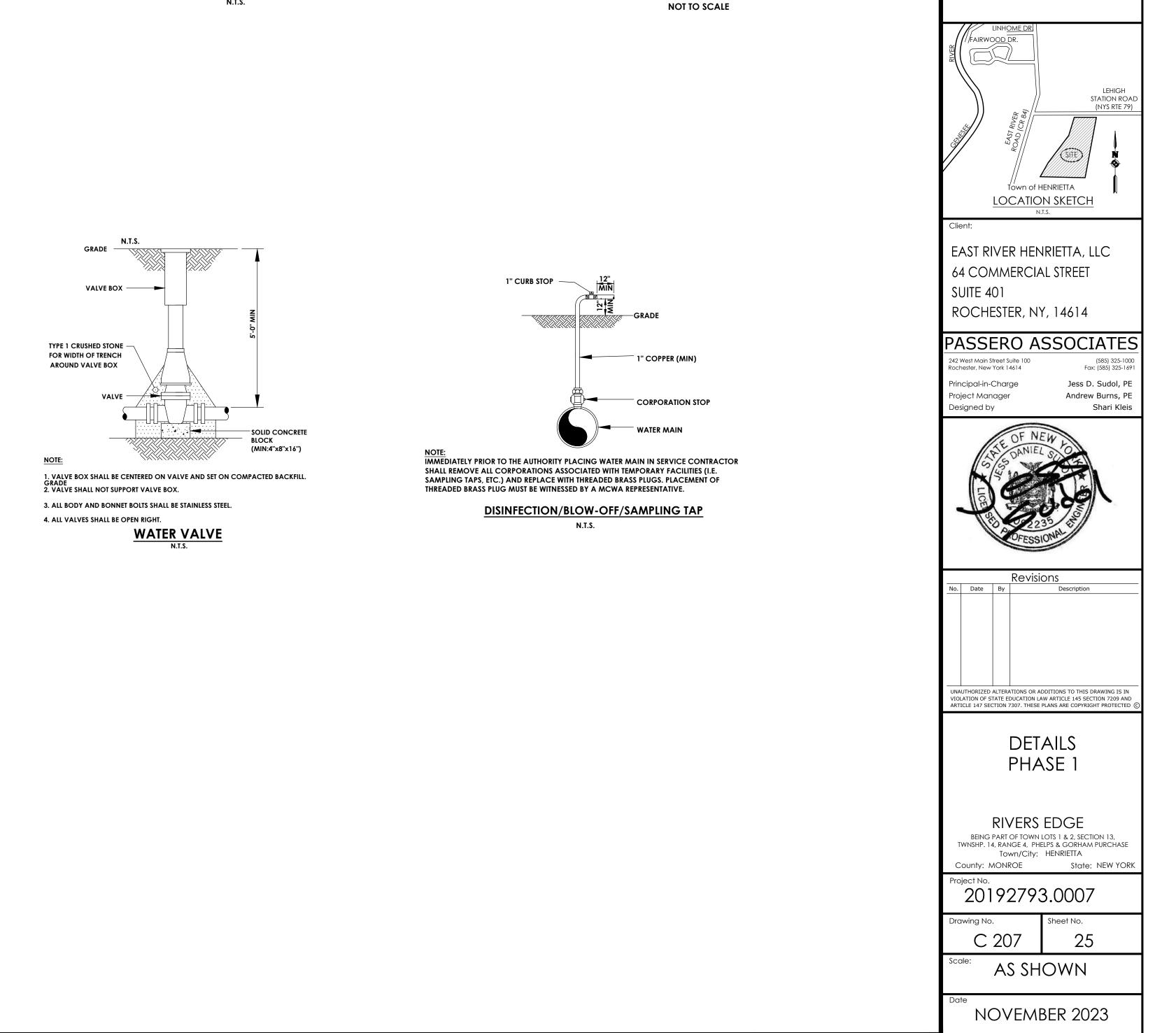


	CONCRETE THRUST BLOCK BEND CONCRETE THRUST BLOCK
UNDISTURBED SOIL W	UNDISTURBED SOIL
PLAN	ELEVATION

MINIMUM HORIZONTAL THRUST BLOCK DIMENSIONS, IN FEET, TO BE POURED AGAINST UNDISTURBED SOIL					
FITTING	Н	W	Α		
8" x 11-1/4° BEND	1.0	2.0	1.5		
8" x 22-1/2° BEND	1.5	3.0	1.5		
8" x 45° BEND	2.0	4.0	2.0		
8" x 90° BEND	3.0	6.0	2.5		
8" TEE OR PLUG	2.5	5.0	2.0		

NOTE: WIDTH (W) OF BLOCK SHALL NOT EXCEED TWICE THE HEIGHT (H).

HORIZONTAL THRUST BLOCK FOR BENDS N.T.S.



5.5' BURY HYDRANT TO BE

FACING THE ROADWAY

INSTALLED w/4-1/2" NOZZLE

VALVE BOX

EXTENSION —

WATER MAIN

MJ ANCHOR TEE, 6" OUTLET -

SOLID CONCRETE BLOCK

(MIN:4"x4"x8")

TEE OR PLUG

— CONCRETE THRUST BLOCK

HORIZONTAL THRUST BLOCK FOR TEES AND PLUGS

- UNDISTURBED SOIL

- WATER MAIN

TEE OR PLUG -

CONCRETE THRUST BLOCK -

UNDISTURBED SOIL

WATER MAIN -

12"MIN

#1 WASHED STONE FOR

SOLID CONCRETE BLOCK

(MIN:8"x8"x16")

─ 6"x18" (MIN) ANCHOR PIPE

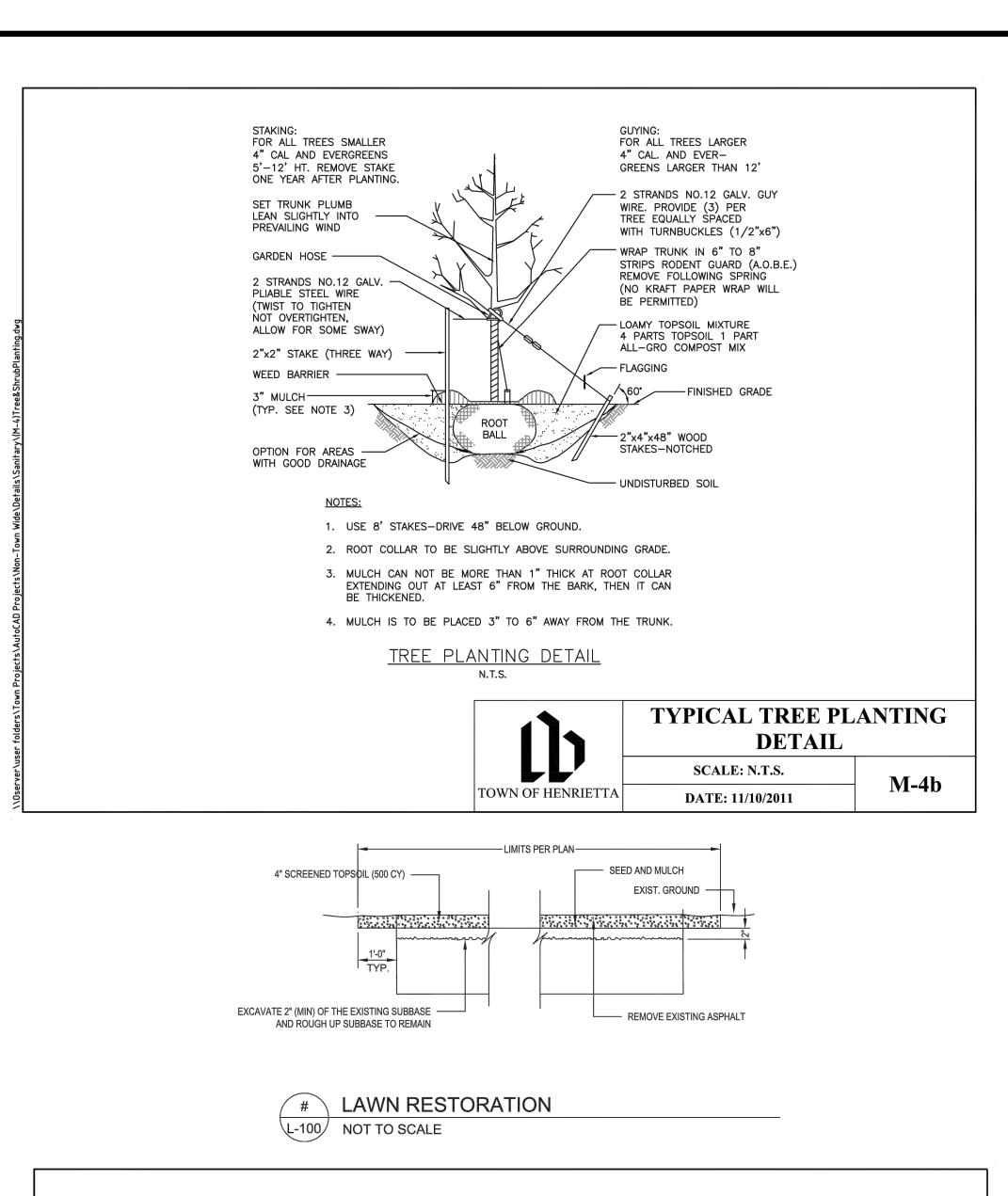
— 6" MJ GATE VALVE

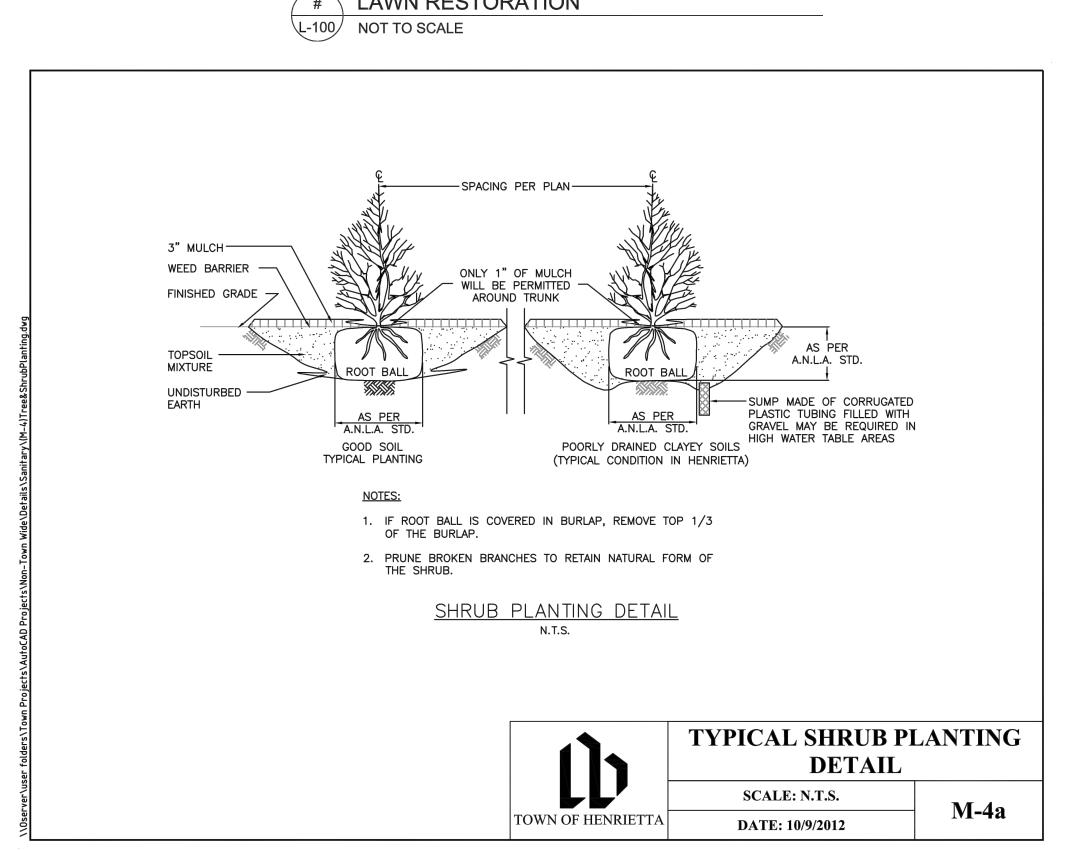
NOTE: ALL PRIVATE HYDRANTS (DOWNSTREAM OF THE MASTER METER) SHALL BE

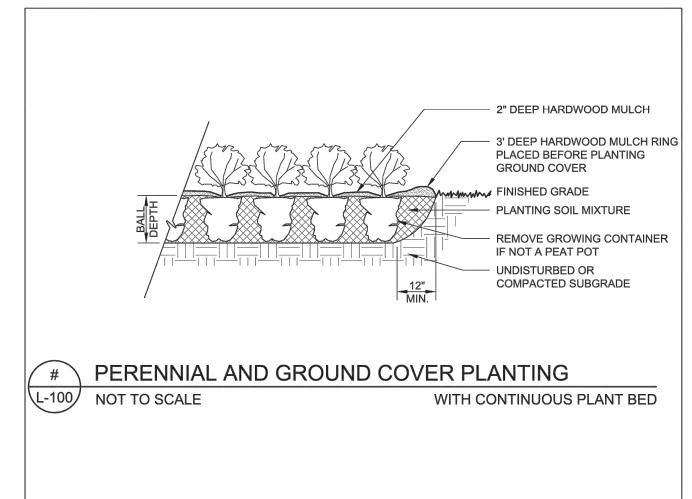
PERPENDICULAR HYDRANT ASSEMBLY

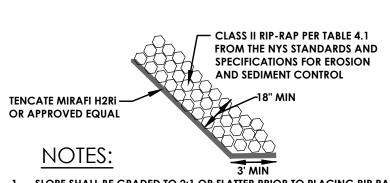
WIDTH OF HYDRANT TRENCH

engineering architecture







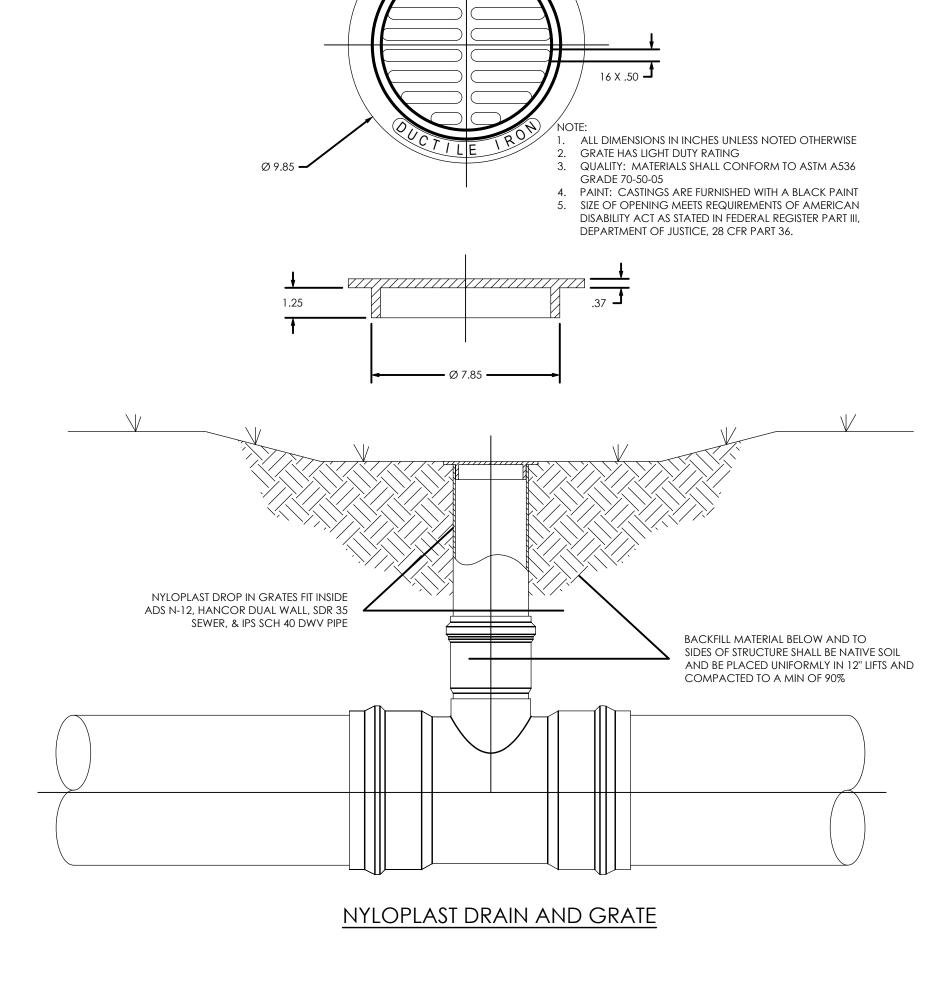


- SLOPE SHALL BE GRADED TO 2:1 OR FLATTER PRIOR TO PLACING RIP RAP.
 PLACE THE FABRIC DIRECTLY ON THE PREPARED FOUNDATION. OVERLAP THE EDGES BY AT LEAST 2 FEET. BURY THE UPPER AND LOWER ENDS OF THE FABRIC A MINIMUM OF 12 INCHES BELOW GROUND. TAKE PRECAUTIONS NOT TO DAMAGE THE FABRIC BY DROPPING THE RIPRAP. IF DAMAGE OCCURS, REMOVE THE RIPRAP AND REPAIR THE SHEET BY ADDING ANOTHER LAYER OF FILTER FABRIC WITH A MINIMUM OVERLAP OF 12 INCHES AROUND THE DAMAGED AREA.
- 3. PLACEMENT OF THE RIPRAP SHOULD FOLLOW IMMEDIATELY AFTER PLACEMENT OF THE FILTER FABRIC. PLACE RIPRAP SO THAT IT FORMS DENSE, WELL-GRADED MASS OF STONE WITH A MINIMUM OF VOIDS. THE DESIRED DISTRIBUTION OF STONES THROUGHOUT THE MASS MAY BE OBTAINED BY SELECTIVE LOADING AT THE QUARRY AND CONTROLLED DUMPING DURING FINAL PLACEMENT. PLACE RIPRAP TO ITS FULL THICKNESS IN ONE OPERATION. DO NOT PLACE RIPRAP BY DUMPING THROUGH CHUTES OR OTHER METHODS THAT CAUSE SEGREGATION OF STONE SIZES. BE CAREFUL NOT TO DISLODGE THE UNDERLYING BASE OR
- FILTER WHEN PLACING THE STONES.

 4. 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.

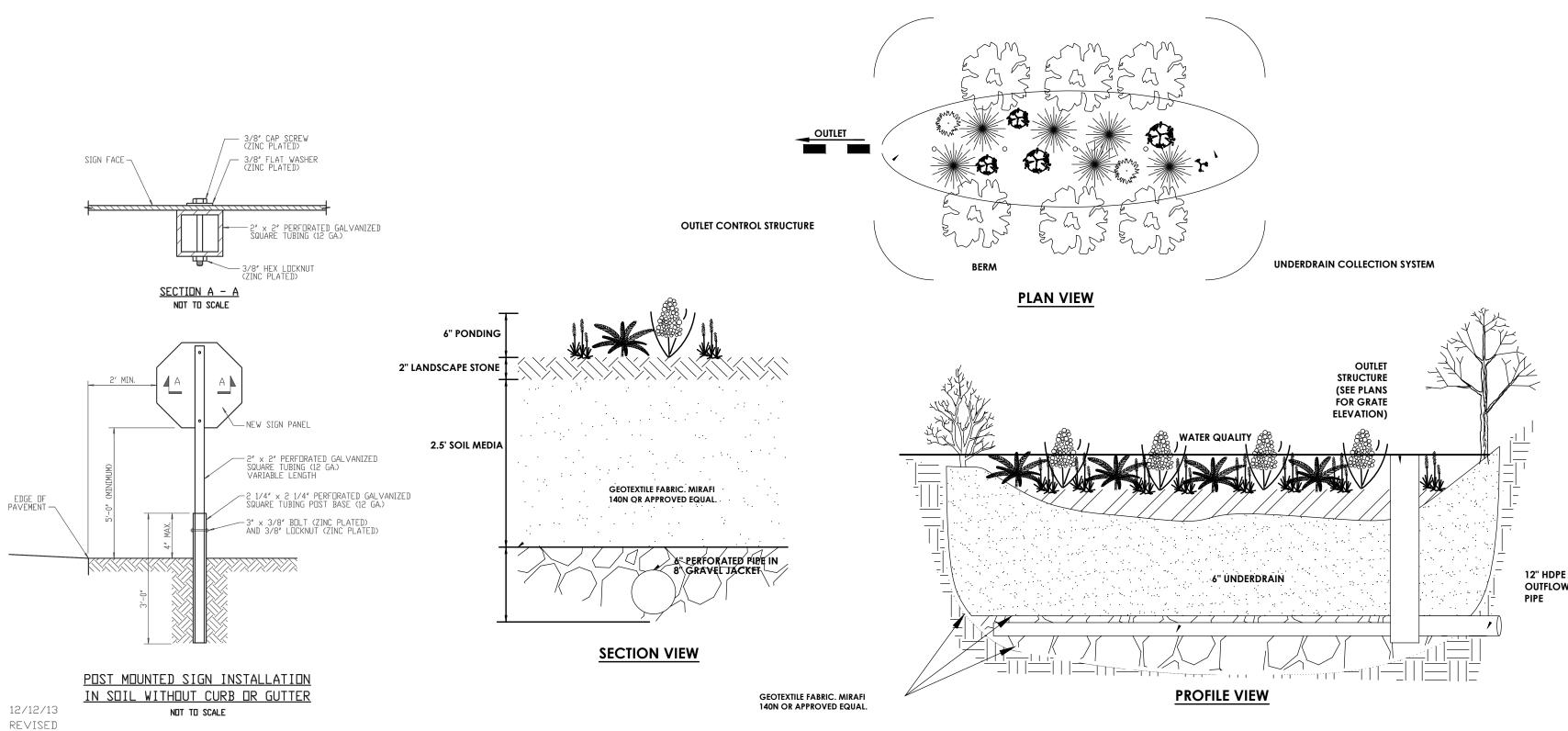
RIP-RAP SLOPE STABILIZATION

MCDOT SIGN INSTALLATION DETAIL



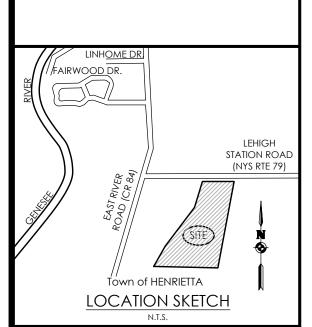
APPROX. DRAIN AREA = 19.30 SQ IN

APPROX. WEIGHT WITH FRAME = 8.08 LBS



BIORETENTION AREA DETAIL





EAST RIVER HENRIETTA, LLC 64 COMMERCIAL STREET SUITE 401

ROCHESTER, NY, 14614 PASSERO ASSOCIATES

242 West Main Street Suite 100 Rochester, New York 14614

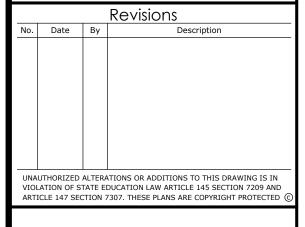
Principal-in-Charge Project Manager Designed by



Fax: (585) 325-169

Jess D. Sudol, PE

Andrew Burns, PE



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RIVERS EDGE BEING PART OF TOWN LOTS 1 & 2, SECTION

BEING PART OF TOWN LOTS 1 & 2, SECTION 13,
TWNSHP. 14, RANGE 4, PHELPS & GORHAM PURCHASE
Town/City: HENRIETTA

County: MONROE State: NEW YORK

20192793.0007

Drawing No. Sheet No.

AS SHOWN

NOVEMBER 2023