

NORTH-EAST ELEVATION

1/4" = 1'-0"



SOUTH-WEST ELEVATION

[/] 1/4" = 1'-0"

FURM

1851 STONE ROAD SUITE 102 ROCHESTER, NY 14615 585-204-7770

Proposed
CHIPOTLE
Mexican Grill

PROJECT NO.

07/12/24

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DRAWN BY: CW
CHECKED BY: JML
PROJECT STATUS: PROGRESS

SCALE

EXTERIOR ELEVATIONS

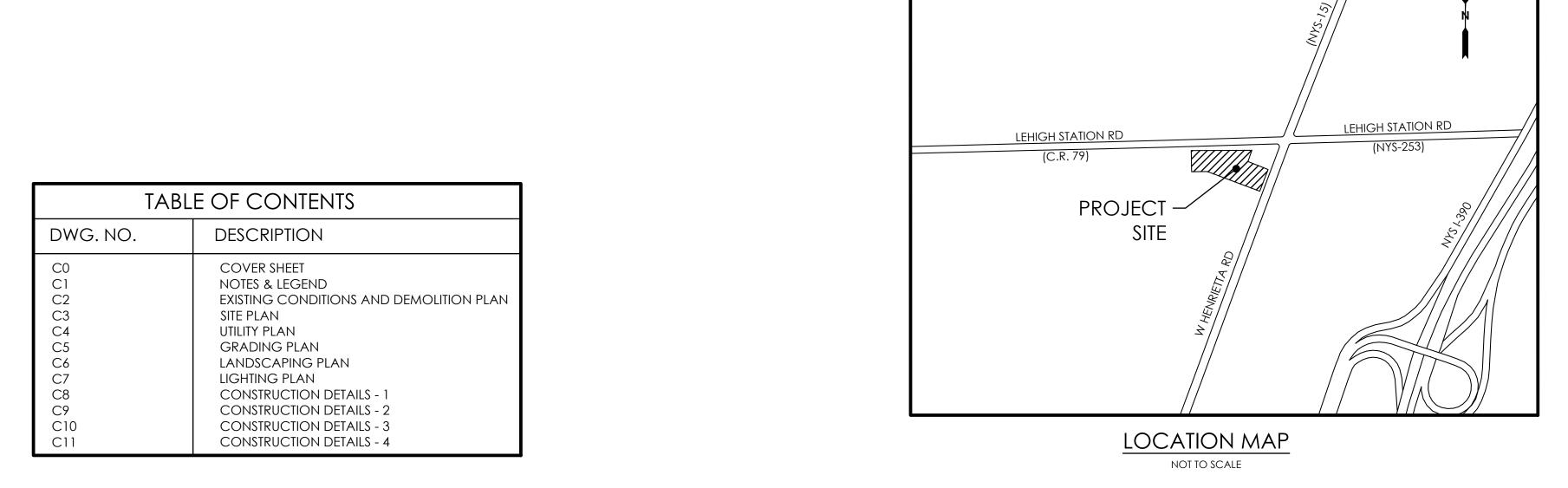
A2.01

4799 WEST HENRIETTA ROAD-LOT 2

SITE DEVELOPMENT T.A.#175.03-1-3.132

TOWN OF HENRIETTA MONROE COUNTY STATE OF NEW YORK

TOWN OF HENRIETTA

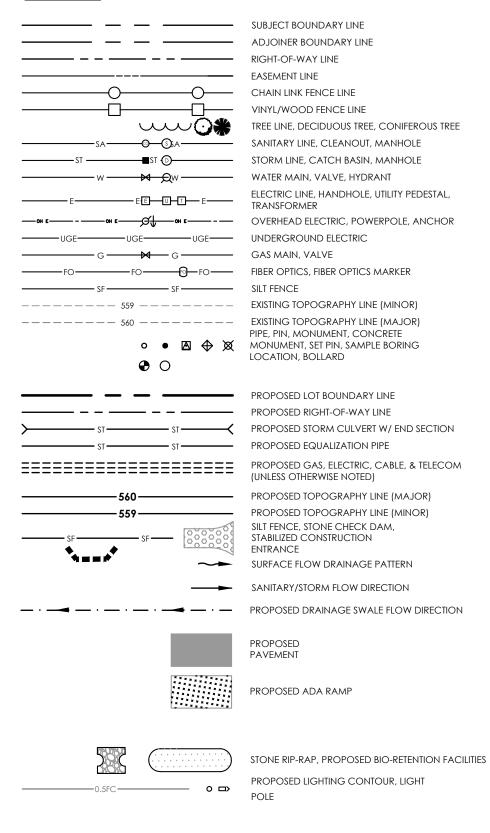


PREPARED BY:



45 HENDRIX ROAD WEST HENRIETTA, NY 14586 PHONE (585) 359-7540 FAX (585) 359-7547

LEGEND



ABBREVIATIONS

EXISTING NOW OR FORMALLY TYP. TYPICAL Ø DIAMETER TAX ACCOUNT NUMBER UTILITY PAINT MARK LOCATION PER RECORD MAPPING LAT. LATERA SWR. SEWER C.O. CLEANOU1 CB CATCH BASIN M.H. MANHOLE FINISHED FLOOR ELEVATION F.F. T.R. TOP OF RIM ELEVATION

TOP OF GRATE ELEVATION

TOP OF CURB ELEVATION

T.O.P. TOP OF PIPE ELEVATION

BOTTOM OF CURB ELEVATION

T.G.

T.C.

B.C.

SITE NOTES:

- 1. PROJECT AREA IS LOCATED IN FLOOD ZONE X AS PER FLOOD INSURANCE RATE MAP COMMUNITY PANEL No. 36055C0342G, DATED
- 2. THIS PROJECT WILL DISTURB APPROXIMATELY 0.65 ACRES OF SOIL. THIS PROJECT IS PART OF SPDES STORMWATER DISCHARGE PERMIT #NYR11H960. STORMWATER INFRASTRUCTURE PROPOSED IS THE SAME AS PROPOSED IN THE OVERALL SITE PLAN FOR 4799 WEST HENRIETTA ROAD APPROVED IN APRIL OF 2021.
- 3. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREA OF THE SITE CONSTRUCTION. FOR DESCRIPTIVE AND SURVEY DATA PERTAINING TO THE MONUMENTS CALL THE MONROE COUNTY GEODETIC SURVEY OFFICE.
- 4. SITE BENCHMARK, NAIL IN UTILITY POLE RG&E 104D, ELEVATION 566.54 (NAVD88)
- 5. WEST HENRIETTA ROAD AND LEHIGH STATION ROAD SHALL BE KEPT CLEAN AND FREE OF DEBRIS DURING CONSTRUCTION.
- 6. NATIVE AND EXISTING VEGETATION SHOULD BE RETAINED AND PROTECTED TO THE GREATEST EXTENT POSSIBLE.
- 7. DEVELOPER IS TO OBTAIN ANY APPROPRIATE STATE, COUNTY AND TOWN PERMITS PRIOR TO CONNECTING TO ANY PUBLIC UTILITIES.
- 8. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE. ALL UTILITIES SHALL BE FIELD STAKED BEFORE COMMENCING WORK. CONTRACTOR IS CAUTIONED TO NOTIFY CENTRAL STAKEOUT NUMBER 1-800-962-7962 OF RELOCATION OF UNDERGROUND UTILITY LOCATION PRIOR TO CONSTRUCTION.
- 9. UPON COMPLETION OF THE PROJECT, THE DEVELOPER SHALL SUBMIT A LANDSCAPE CERTIFICATE OF COMPLIANCE TO THE BUILDING DEPARTMENT FROM THE LANDSCAPE ARCHITECT WHO IS CERTIFYING THAT ALL OF THE APPROVED PLANTINGS HAVE BEEN FURNISHED AND INSTALLED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED LANDSCAPING PLAN.
- 10. ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE TOWN OF HENRIETTA.
- 11. A RECORD SITE PLAN MUST BE PROVIDED TO THE TOWN ENGINEERING DEPARTMENT UPON COMPLETION OF THE PROJECT. SWING DIAGRAMS SHALL BE INDICATED FOR THE EXISTING AND PROPOSED WATER CURB BOXES, VALVES AND ALL LATERAL CLEANOUTS. THE RECORD SITE PLAN SHALL ALSO INCLUDE ALL IMPROVEMENTS, SUCH AS GUTTERS, CURBS, ETC. ALL STRUCTURES SHALL BE SHOWN WITH TIES TO THE PROPERTY LINES ON ALL SIDES.

EROSION & SEDIMENT CONTROLS

- 1. THIS PROJECT WILL DISTURB APPROXIMATELY 0.65. ACRES OF SOIL. THIS PROJECT IS PART OF SPDES STORMWATER DISCHARGE PERMIT #NYR11H960. STORMWATER INFRASTRUCTURE PROPOSED IS THE SAME AS PROPOSED IN THE OVERALL SITE PLAN FOR 4799 WEST HENRIETTA ROAD APPROVED IN APRIL OF 2021.
- 2. PROCEDURES OUTLINED IN THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL MUST BE FOLLOWED THROUGHOUT THE DURATION OF CONSTRUCTION OF THIS PROJECT. THROUGHOUT CONSTRUCTION, EMPHASIS WILL BE PLACED ON PREVENTING EROSION OF THE DISTURBED AND EXPOSED SOIL WITHIN THE SITE.
- 3. INSPECTIONS BY A QUALIFIED PROFESSIONAL ARE TO OCCUR AT LEAST ONCE EVERY 7 CALENDAR DAYS DURING CONSTRUCTION.
- 4. VEGETATIVE MEASURES SUCH AS JUTE MESH, SEEDING AND MULCHING WILL BE UTILIZED TO HELP PREVENT ERODING OF THE SOIL. JUTE MESH SHALL BE USED ON ALL SLOPES OF 1V:3H AND STEEPER.
- 5. BARE SOIL WILL BE SEEDED WITHIN 14 DAYS OF EXPOSURE UNLESS CONSTRUCTION WILL BEGIN WITHIN 21 DAYS. IF CONSTRUCTION IS SUSPENDED, OR SECTIONS COMPLETED, AREAS WILL BE SEEDED OR MULCHED IMMEDIATELY.
- SUSPENDED, OR SECTIONS COMPLETED, AREAS WILL BE SEEDED OR MULCHED IMMEDIATELY.
- 6. TEMPORARY SEEDING WILL CONSIST OF RYEGRASS PLACED AT A RATE OF 30 LBS. PER ACRE OR 0.7 LBS. PER 1,000SF. THE AREA IS TO THEN BE MULCHED WITH HAY OR STRAW AT A RATE OF 2 TONS PER ACRE OR 90 LBS. PER 1,000SF.
- 7. TOPSOIL SHALL BE PLACED AT A DEPTH OF 6" MINIMUM.
- 8. PERMANENT SEEDING SHALL FOLLOW THE CHART LISTED BELOW. MULCH SHALL BE SMALL GRAIN STRAW APPLIED AT A RATE OF 2 TONS PER ACRE OR 90 LBS. PER 1,000SF.

GENERAL SEED MIX:

| | VARIETY | LBS/ACRE | LBS/1,000SF |
|-------------------------------|----------------|----------|-------------|
| BIRDSFOOD TREFOIL* | EMPIRE/PARDEE | 8 LBS | 0.20 LBS |
| COMMON WHITE CLOVER* | COMMON | 8 LBS | 0.20 LBS |
| PLUS | | | |
| TALL FESCUE | KY-31/REBEL | 20 LBS | 0.45 LBS |
| PLUS | | | |
| REDTOP OR | COMMON | 2 LBS | 0.05 LBS |
| RYEGRASS (PERENNIAL) | PENNFINE/LINN | 5 LBS | 0.10 LBS |
| *ADD INOCULANT IMMEDIATELY PR | IOR TO SEEDING | | |

- 9. SEDIMENT CONTROL CONCERNS ARE ADDRESSED BY USE OF PERIMETER CONTROLS SUCH AS SILT FENCE AND STONE CHECK DAMS
- 10. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE SHALL BE SWEPT DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS PAULING MATERIAL FROM THE CONSTRUCTION SITE WHICH IS PRONE TO BLOWING FROM

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH CONDITIONS OF APPROVAL

- MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH APPROVAL IS GRANTED ON CONDITION THAT:
- 1. THE PROPOSED FACILITIES FOR SEWAGE DISPOSAL ARE INSTALLED IN CONFORMITY WITH THE APPROVED PLANS.
- 2. A COPY OF THE PLANS APPROVED THIS DATE SHALL BE FILED IN THE OFFICE OF THE CLERK OF MONROE COUNTY, IF APPLICABLE.
- 3. NO LOT OR REMAINING LAND (IF APPLICABLE) SHALL BE SUBDIVIDED WITHOUT PLANS FOR SUCH RE-SUBDIVISION BEING SUBMITTED TO AND APPROVED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH.
- 4. THIS CERTIFICATE IS GRANTED WITH THE UNDERSTANDING THAT THE APPROVED PLANS ARE SUBJECT TO REVIEW AND REAPPROVAL AFTER TWO YEARS FROM DATE OF APPROVAL, IF INSTALLATION IS NOT COMPLETED BY THAT TIME.
- 5. ADEQUATE EROSION/SILTATION CONTROL MEASURES SHALL BE EMPLOYED PRIOR TO AND DURING CONSTRUCTION. IF THE PROJECT WILL RESULT IN THE DISTURBANCE OF ONE ACRE OR MORE, COVERAGE UNDER THE NYSDEC SPDES GENERAL PERMIT GP-0-20-001 FOR STORMWATER

RESULT IN THE DISTURBANCE OF ONE ACRE OR MORE, COVERAGE UNDER THE NYSDEC SPDES GENERAL PERMIT GP-0-20-001 FOR STORMY DISCHARGES FOR CONSTRUCTION ACTIVITIES WILL BE OBTAINED. MONROE COUNTY PURE WATERS

SEWER USE LAW NOTE:

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

IRONDEQUOIT BAY SOUTH CENTRAL PURE WATERS DISTRICT

MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH THESE PLANS FOR PUBLIC SANITARY SEWER EXTENSION/IMPROVEMENTS ARE HEREBY APPROVED PURSUANT TO ARTICLE 17 OF THE NYS ENVIRONMENTAL CONSERVATION LAW SUBJECT TO

CONDITIONS OF APPROVAL.

DIRECTOR OF PUBLIC HEALTH

PUBLIC HEALTH ENGINEER DATE

CONSTRUCTION SEQUENCE:

- EXPOSURE OF DISTURBED EARTH DURING THE MASS EARTHWORK PHASE WILL BE LESS THAN 5 ACRES. IT IS RECOMMENDED THAT THE CONTRACTOR FOLLOW THE FOLLOWING SEQUENCE OF CONSTRUCTION OPERATIONS.
- 2. THE PROPOSED EROSION AND SEDIMENT PLAN WILL BE DISCUSSED WITH CONTRACTORS BEFORE BEGINNING ANY EARTH DISTURBING ACTIVITIES TO ENSURE THAT ALL CONTRACTORS ARE AWARE OF THE PROPER INSTALLATION OF THE E&SC MEASURES AND THE NEED FOR ANY MAINTENANCE, WHICH MAY BE REQUIRED AS THE PROJECT PROGRESSES. THIS WILL BE IMPORTANT IN PROTECTING THE ADJACENT PROPERTIES TREES DURING THE CONSTRUCTION PERIOD.
- 3. CONTRACTOR TO INSTALL STABILIZED CONSTRUCTION ENTRANCE AT LOCATION SHOWN ON PLAN PER DETAIL.
- 4. CONSTRUCT STAGING AREA(S) AS REQUIRED.
- 5. INSTALL PERIMETER SEDIMENT CONTROLS (SILT FENCING) AT LOCATIONS SHOWN ON PLAN. IMMEDIATELY STABILIZE ANY AREAS DISTURBED BY THIS ACTIVITY. USE CARE TO AVOID DAMAGING TREES WHICH ARE TO REMAIN.
- 6. ALL PROPOSED BIORETENTION AREAS MAY ONLY BE INSTALLED ONCE ALL CONTRIBUTING DRAINAGE AREAS HAVE ACHIEVED PERMANENT STABILIZATION. PRIOR TO INSTALLATION, THE BIORETENTION AREA BOUNDARIES ARE TO BE DELINEATED WITH FENCING TO PROTECT FROM
- INSTALL ALL REMAINING EROSION AND SEDIMENT CONTROLS ACCORDING TO THE PLAN.
- 8. THE OPERATOR AND OWNER/DEVELOPER SHALL COMPLETE AN ASSESSMENT OF THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- 9. STRIP AND STOCKPILE TOPSOIL AS DIRECTED BY DEVELOPER, USING APPROPRIATE SILT FENCING AND/OR SEEDING TO STABILIZE STOCKPILES UPON COMPLETION OF THIS ACTIVITY. ALL SOIL STOCKPILES SHALL HAVE PERIMETER SILT FENCE INSTALLED A MIN. OF 15' FROM TOE OF SLOPE.
- WITHIN 14 DAYS OF EXPOSURE, STABILIZE ALL DISTURBED AREAS, WHICH WILL REMAIN INACTIVE FOR 21 DAYS OR MORE.
- 17. INSTALL STORMWATER MANAGEMENT FACILITIES AS REQUIRED AND ACCORDING TO THE PLAN.
- 18. INSTALL UTILITIES PER THE UTILITY PLAN. INSTALL INLET/OUTLET PROTECTION AT ALL STORM SEWER STRUCTURES AS EACH INLET/OUTLET STRUCTURE IS
- 19. PERFORM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE SITE, UTILITY, AND GRADING PLAN.
- 20. START CONSTRUCTION OF BUILDING AND PAD STRUCTURES.
- 21. CONDUCT TESTING ON ALL INSTALLED UTILITIES
- 22. PREPARE AREAS FOR PAVING AND PAVE ROADWAYS/PARKING LOTS.
- 23. COMPLETE FINAL SITE GRADING, REAPPLY TOPSOIL (MINIMUM 6" THICKNESS), INSTALL PERMANENT SEEDING, FERTILIZER, AND MULCH.
- 24. UPON PERMANENT STABILIZATION OF INDIVIDUAL PORTIONS OF THE SITE, REMOVE INDIVIDUAL TEMPORARY SEDIMENTATION CONTROL MEASURES AS APPROPRIATE. SEDIMENT CONTROL MEASURES NOT TO BE REMOVED UNTIL APPROVAL HAS BEEN OBTAINED FROM THE TOWN OF HENRIETTA CODE ENFORCEMENT OFFICER OR THE TOWN ENGINEER.
- 25. INSTALL ALL PLANTINGS AND LANDSCAPE FEATURES AS SHOWN ON THE

TOWN OF HENRIETTA CONDITIONS FOR APPROVAL

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

MCDPH STANDARD SANITARY SEWER EXTENSION NOTES:

- 1. 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 IS TO 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 VISUALLY INSPECTED AND TESTED FOR LEAKAGE 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 (REVISED).
- 2. 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 FLOOR DRAINS TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.
- 3. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER ALL FINAL BACKFILL HAS BEEN IN PLACE AT LEAST THIRTY (30) DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF FIVE PERCENT (5%). IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A MINIMUM DIAMETER EQUAL TO NINETY-FIVE PERCENT (95%) OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
- 4. 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. 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.
- 5. THE CONTRACTOR SHALL TELEVISE ALL SANITARY SEWERS 30 DAYS AFTER COMPLETION OF INSTALLATION AND AFTER DEFLECTION TESTS HAVE BEEN PERFORMED. THE CONTRACTOR SHALL THEN PROVIDE A VIDEO LOG TO THE TOWN AND OWNER FOR THEIR REVIEW AND PECOPES

N.Y.S.D.O.T. DESIGNER CONTACT STATEMENT

DDS COMPANIES IS RESPONSIBLE FOR THE DESIGN OF THIS PROJECT. ED MARTIN IS THE DESIGNER AND IS FAMILIAR WITH NYSDOT STANDARDS AND REQUIREMENTS AND SHALL BE CONTACTED AT 585-359-7540 TO RESOLVE ISSUES OR PROBLEMS DURING CONSTRUCTION. ALL REVISIONS, INCLUDING REVISIONS NECESSARY DUE TO FIELD CONDITIONS, SHALL BE APPROVED BY NYSDOT.

N.Y.S.D.O.T. GENERAL PLAN NOTES

1. NYS-15 TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.

2. ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.

3. MATERIALS, EQUIPMENT AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE NEW YORK STATE

4. MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THE CURRENT NATIONAL MUTCD WITH NYS SUPPLEMENT, SECTION 619 OF THE CURRENT NYSDOT STANDARD SPECIFICATIONS, THESE PLANS AND AS ORDERED BY THE ASSISTANT RESIDENT ENGINEER. ON A NYSDOT CONSTRUCTION PROJECT, MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THESE PLANS AND BE IN ACCORDANCE WITH THE NYSDOT CONTRACT DOCUMENTS AS DEEMED NECESSARY BY THE NYS ENGINEER-IN-CHARGE.

5. NOTIFY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION'S ASSISTANT RESIDENT ENGINEER AT THE APPROPRIATE NUMBER, AS NOTED BELOW, FIVE (5) WORK DAYS PRIOR TO WORKING WITHIN THE STATE RIGHT-OF-WAY.

| GENESEE CO. | - | DAN STAHLEY (585) 343-0502 | LIVINGSTON CO | ADAM KISIAH (585)346-3036 |
|-------------|---|--|---------------|---|
| MONROE CO. | - | WEST OF GENESEE RIVER DARRELL FAZIO (585)352-3471 | MONROE CO | EAST OF GENESEE RIVER MARK ELLSWORTH (585)586-4514 |
| ONTARIO CO. | - | GREG TROST (585) 396-4955 | ORLEANS CO | KEVIN KEISER (585)589-6655 |
| WAYNE CO. | - | JEFF JONES (315) 332-4000 | WYOMING CO | KEN BITTNER (585) 786-3310 |

IN ADDITION, THE PERMITTEE SHALL NOTIFY NYSDOT REGIONAL TRAFFIC OPERATIONS CENTER (RTOC) OF ALL LANE AND SHOULDER CLOSURES AT LEAST THREE (3) DAYS IN ADVANCE OF THE PROPOSED WORK UTILIZING RTOC'S CONSTRUCTION NOTIFICATION FORM CAN BE OBTAINED FROM THE 51 INY NOTIFICATION LINK AT THE WORK ZONE TRAFFIC CONTROL ICON ON THE REGION 4 PERMITS WEBSITE: WWW.DOT.NY.GOV/R4WORKPERMITS.

6. NOTIFY THE NYSDOT SIGNAL MAINTENANCE FACILITY AT (585) 753-7780 5 DAYS PRIOR TO WORKING WITHIN 350' OF A SIGNALIZED INTERSECTION. NOTIFY DIG SAFELY NEW YORK 2 WORK DAYS PRIOR TO DIGGING, DRILLING OR BLASTING AT 811 FOR A UTILITY STAKE-OUT.

7. ALL MATERIALS USED WITHIN THE STATE RIGHT-OF-WAY MUST COMPLY WITH THE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS ALONG WITH ANY APPROPRIATE CURRENT NYS DEPARTMENT OF TRANSPORTATION'S STANDARD SHEETS.

8. QUALITY CONTROL OF ASPHALT CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 401 OF THE STANDARD SPECIFICATIONS. ALL ASPHALT PRODUCED AS PART OF SECTION 401 WILL BE PAID AT A FINAL QUANTITY ADJUSTMENT FACTOR OF 1.0. ASPHALT COURSE DEPTHS SHOWN ON THE PLANS ARE COMPACTED DEPTHS.

9. NO NIGHT WORK SHALL BE ALLOWED UNLESS APPROVED PRIOR TO START OF PROJECT. ADDITIONAL MAINTENANCE AND PROTECTION OF TRAFFIC MAY BE REQUIRED INCLUDING THE ADDITION OF REFLECTIVE

10. HAZARDOUS WASTE NOTIFICATION - THE PERMITTEE ACCEPTS THE RIGHT-OF-WAY OF THE STATE HIGHWAY IN ITS "AS IS" CONDITION. THE DEPARTMENT OF TRANSPORTATION MAKES NO REPRESENTATION AS TO THE ABSENCE OF UNDERGROUND TANKS, STRUCTURES, FEATURES OR SIMILAR IMPEDIMENTS TO THE COMPLETION OF THE WORK PERMITTED HEREUNDER. SHOULD PERMITTEE FIND SOME PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS TO ITS WORK, THE DEPARTMENT OF TRANSPORTATION SHALL HAVE NO OBLIGATION TO CURE, REMOVE, REMEDY OR OTHERWISE DEAL WITH SUCH PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS. THE PERMITTEE IS REQUIRED TO REMOVE, MODIFY OR OTHERWISE DEAL WITH SUCH UNDERGROUND TANKS, STRUCTURES, FEATURES OR IMPEDIMENTS IN A MANNER WHICH MEETS ACCEPTABLE ENGINEERING PRACTICE AND IS APPROVED BY THE DEPARTMENT OF TRANSPORTATION.

11. ADA COMPLIANCE – ALL WORK ON PEDESTRIAN FACILITIES SHALL BE COMPLIANT WITH THE AMERICANS WITH DISABILITIES ACT (ADA).

1", 1-1/2" AND 2" 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 (a) | MATERIAL ^(b) | TYPE (c) |
|---|----------|-------------------------|----------|
| MCWA Portion = from the water main to and including the control valve on the ROW/property/easement line | 1.5" | Type "K" Copper | СМВ |
| Private Portion = from the control valve to the meter | 1.5" | TYPE "K" COPPER | СМВ |

- (a) Minimum size is 1-inch.
- (b) Acceptable material for private portion is either Type "K" Copper or Polyethylene plastic (PE) #4710, SDR 9, ASTM 2737, NSF-PW, 200 psi (1.125" OD)
- (c) Service Types include: Domestic = DS, Fire = FS, or Combined = CMB
- 5. The Water Authority's portion of the service line shall be installed after the private portion of service is installed.
- Water meter(s) to be located on the interior of exterior wall(s) immediately upon service entrance into the building(s), or in a meter tile when conditions warrant. A by-pass assembly is <u>not</u> required around the installation of 5/8-inch through 1-inch meters. Meter installations greater than 1-inch may require a by-pass assembly around the meter.

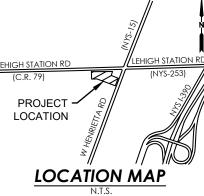


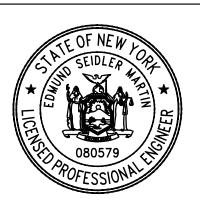
45 HENDRIX RD WEST HENRIETTA, NY 14586 PHONE-(585)359-7540 FAX-(585)359-7541

KERRY VENTURES WEST HENRIETTA, LLC

1777 EAST HENRIETTA ROAD BUILDING A, SUITE 100 ROCHESTER, NY 14623 (585) 867-4750

TOWN OF HENRIETTA





THESE DOCUMENTS INCLUDING ALL IDEAS, ARRANGEMENTS, DESIGNS AND PINDICATED THEREON OR PRESENTED THEREOF SHALL BE UTILIZED BY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER EXCEPT THE SPECIFIC WRITTEN PERMISSION OF DDS COMPANIES. ALL RIGHTS RESERVE

EST HENRIETTA ROAD

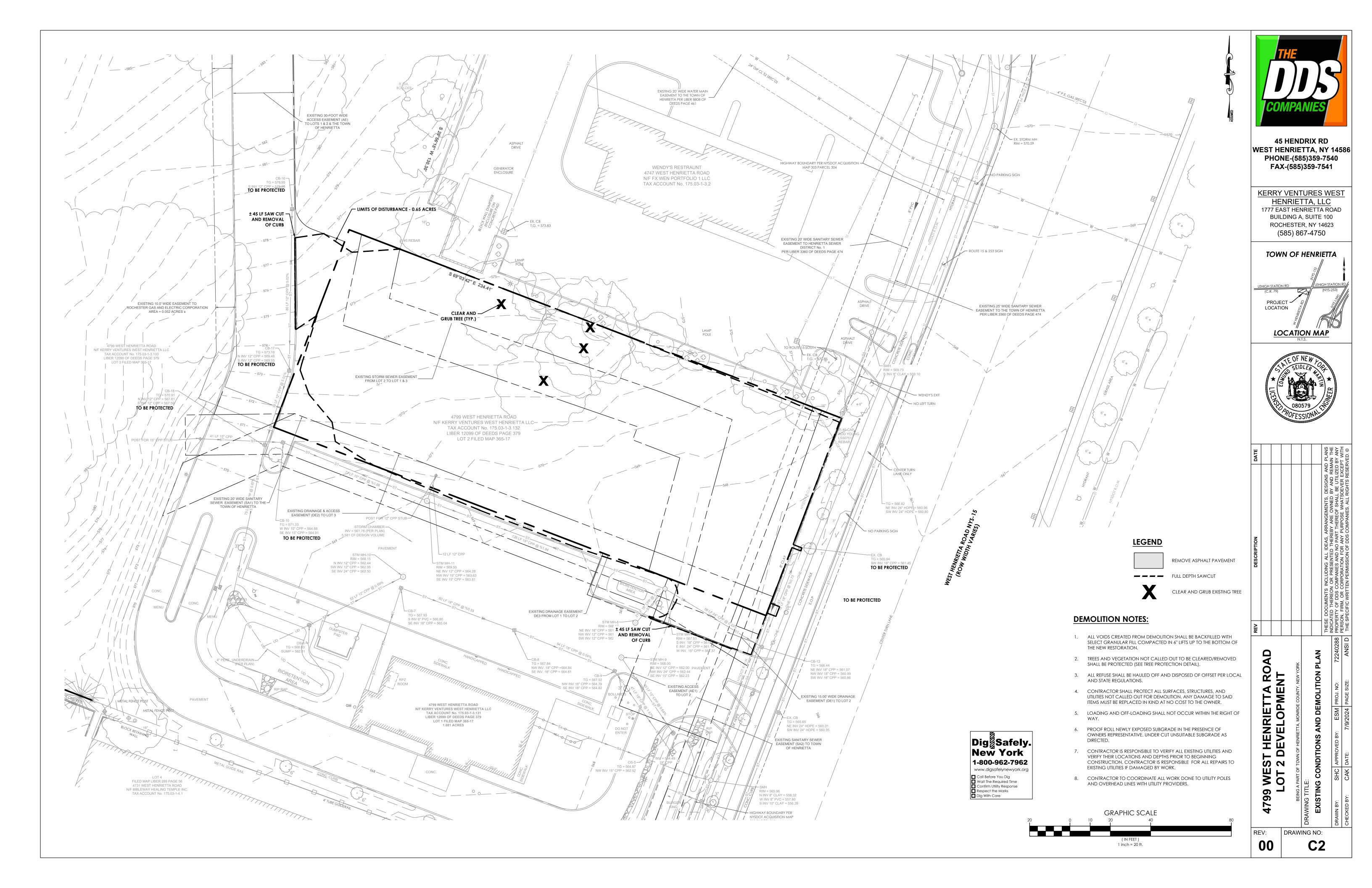
[2 DEVELOPMENT

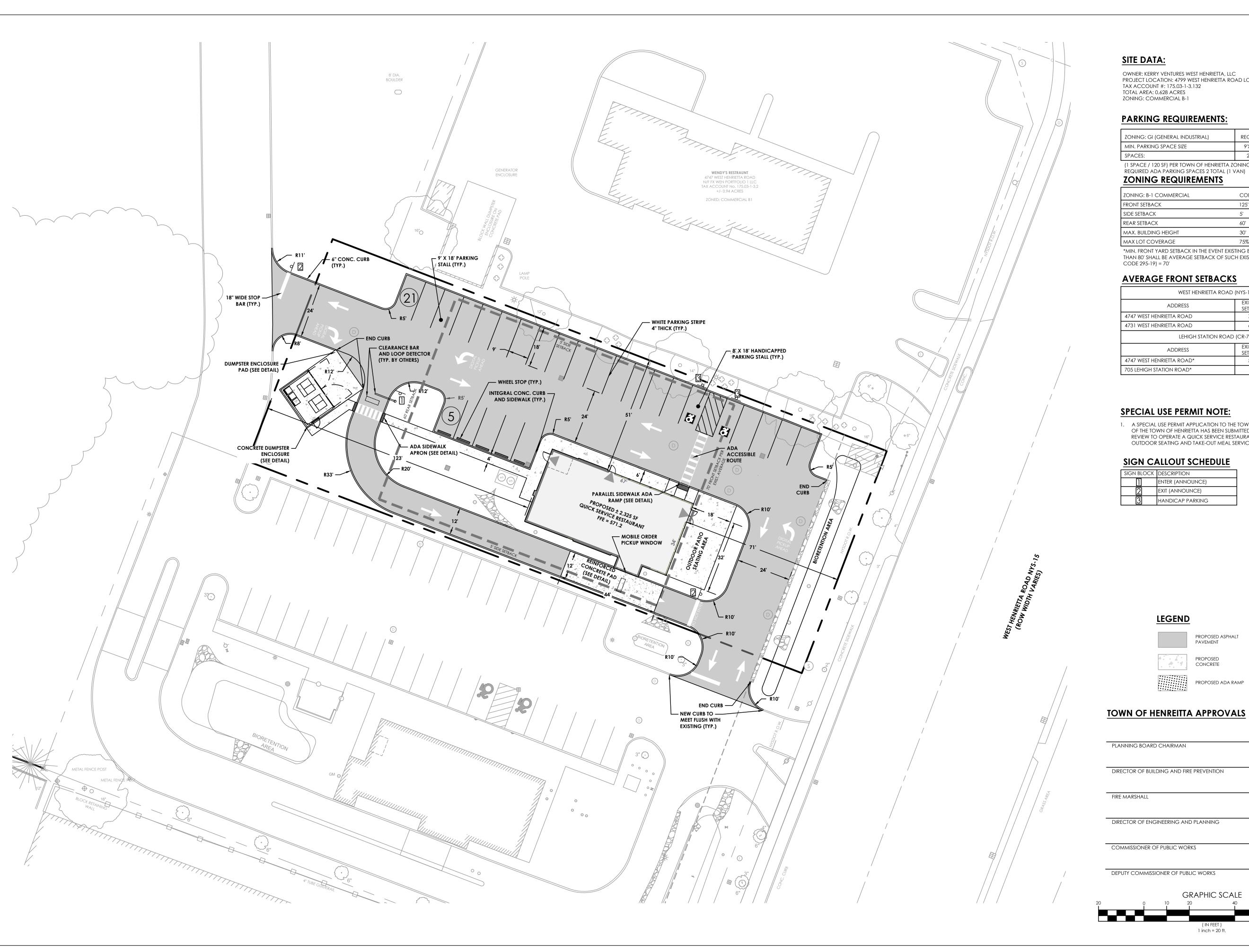
OF TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK

NOTES AND LEGEND

/: DRAWING NO:

00





SITE DATA:

OWNER: KERRY VENTURES WEST HENRIETTA, LLC PROJECT LOCATION: 4799 WEST HENRIETTA ROAD LOT 2, HENRIETTA NY 14467 TAX ACCOUNT #: 175.03-1-3.132 TOTAL AREA: 0.628 ACRES ZONING: COMMERCIAL B-1

| ZONING: GI (GENERAL INDUSTRIAL) | REQUIRED | PROPOSED | | |
|--|----------|----------|--|--|
| MIN. PARKING SPACE SIZE | 9'X18' | 9'X18' | | |
| SPACES: | 20 | 26 | | |
| (1 SPACE / 120 SF) PER TOWN OF HENRIETTA ZONING CODE | | | | |

REQUIRED ADA PARKING SPACES 2 TOTAL (1 VAN) **ZONING REQUIREMENTS**

| ZONING: B-1 COMMERCIAL | CODE | PROPOSED |
|------------------------|------------|----------|
| FRONT SETBACK | 125' (70*) | 71'* |
| SIDE SETBACK | 5' | 14' |
| REAR SETBACK | 60' | 123' |
| MAX. BUILDING HEIGHT | 30' | 20' |
| MAX LOT COVERAGE | 75% | 71% |
| | | |

*MIN. FRONT YARD SETBACK IN THE EVENT EXISTING BUILDINGS EXTEND NEARER THAN 80' SHALL BE AVERAGE SETBACK OF SUCH EXISTING BUILDINGS (TOWN CODE 295-19) = 70'

AVERAGE FRONT SETBACKS

| WEST HENRIETTA ROAD | (NYS-15) | |
|---------------------------|---------------------|--------------------|
| ADDRESS | EXISTING SETBACK | AVERAGE SETBACK |
| 4747 WEST HENRIETTA ROAD | 73.1' | 69.95' |
| 4731 WEST HENRIETTA ROAD | 66.8' | 67.75 |
| LEHIGH STATION ROAD | (CR-79) | |
| ADDRESS | EXISTING SETBACK | AVERAGE SETBACK |
| 4747 WEST HENRIETTA ROAD* | 54.1' | 52.1' |
| 705 LEHIGH STATION ROAD* | 50' | J2.1 |

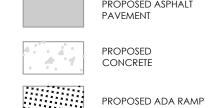
SPECIAL USE PERMIT NOTE:

A SPECIAL USE PERMIT APPLICATION TO THE TOWN BOARD OF THE TOWN OF HENRIETTA HAS BEEN SUBMITTED FOR REVIEW TO OPERATE A QUICK SERVICE RESTAURANT WITH OUTDOOR SEATING AND TAKE-OUT MEAL SERVICE.

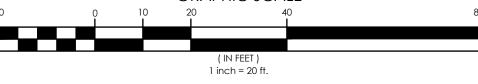
SIGN CALLOUT SCHEDULE

| SIGN BLOCK | DESCRIPTION |
|------------|------------------|
| 1 | ENTER (ANNOUNCE) |
| 2 | EXIT (ANNOUNCE) |
| 3 | HANDICAP PARKING |

<u>LEGEND</u>



| PLANNING BOARD CHAIRMAN | DATE |
|--|------|
| DIRECTOR OF BUILDING AND FIRE PREVENTION | DATE |
| FIRE MARSHALL | DATE |
| DIRECTOR OF ENGINEERING AND PLANNING | DATE |
| COMMISSIONER OF PUBLIC WORKS | DATE |
| DEPUTY COMMISSIONER OF PUBLIC WORKS | DATE |





45 HENDRIX RD WEST HENRIETTA, NY 14586 PHONE-(585)359-7540 FAX-(585)359-7541

KERRY VENTURES WEST

HENRIETTA, LLC 1777 EAST HENRIETTA ROAD **BUILDING A, SUITE 100** ROCHESTER, NY 14623 (585) 867-4750

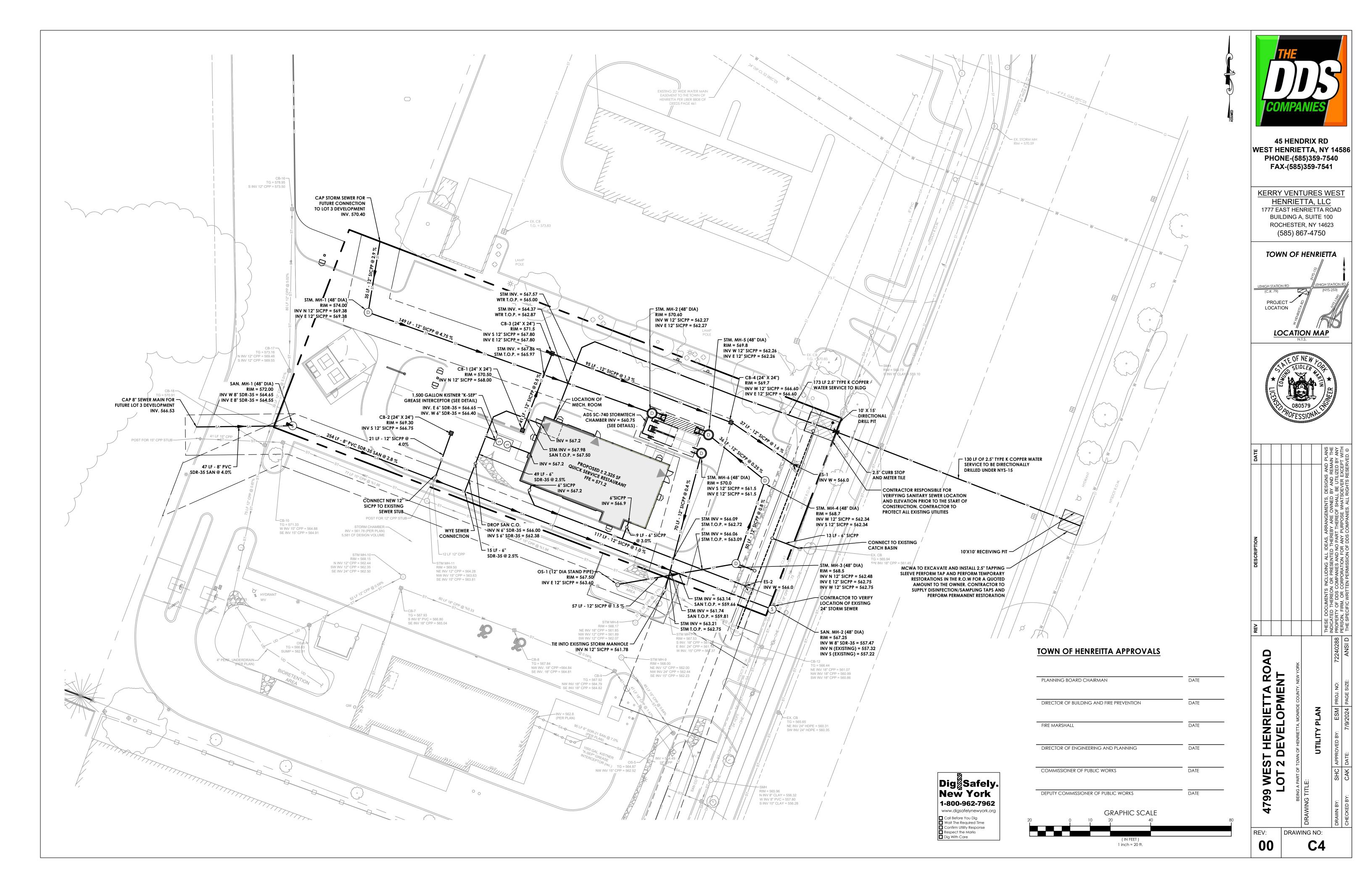
TOWN OF HENRIETTA

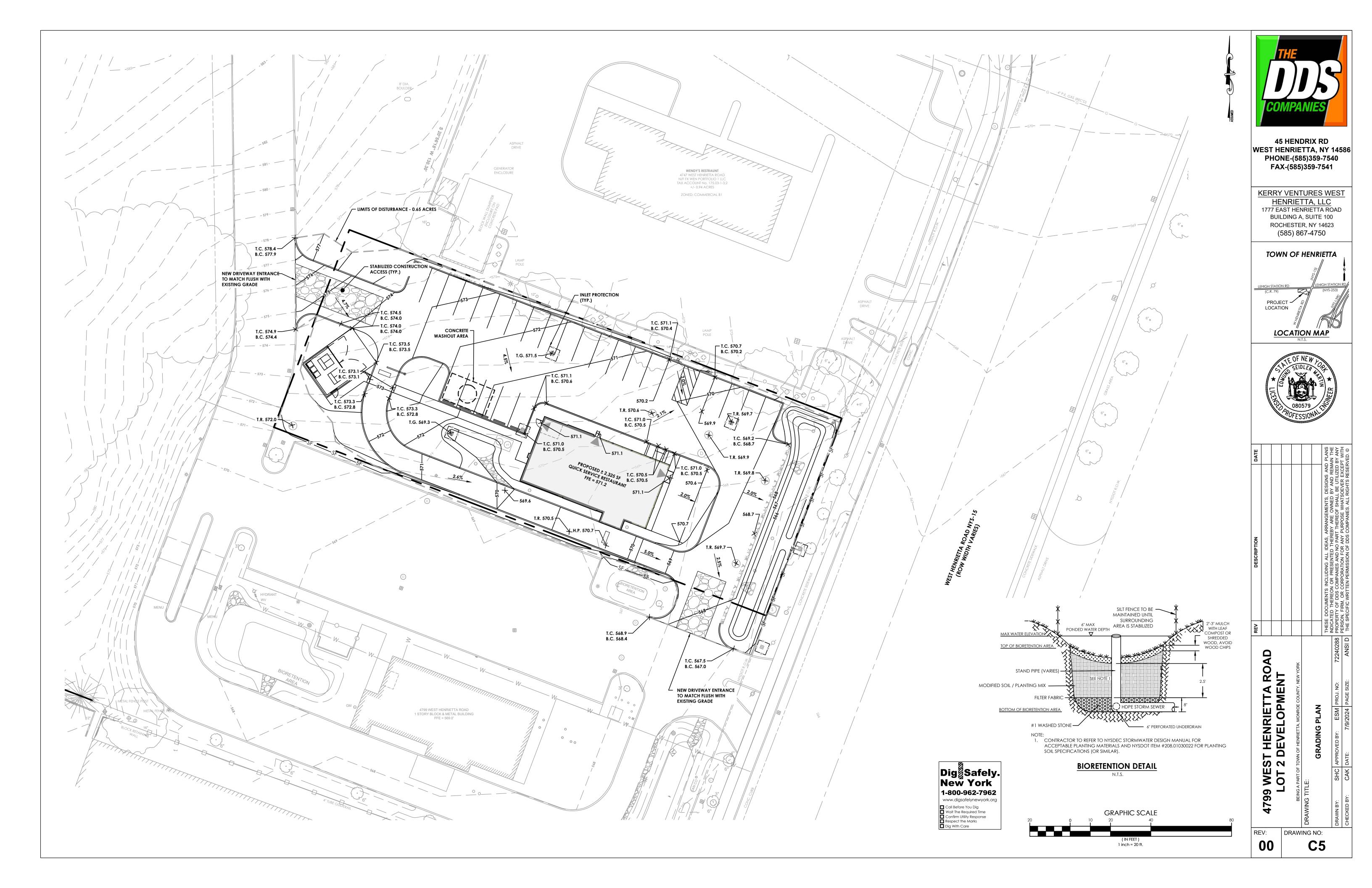


LOCATION MAP



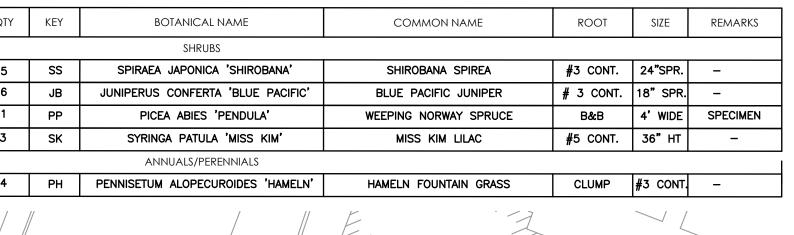
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|-----|-----|---------------------------------|-----------------------|---------|---------|-------------|-------|------|-----------------------|
| QTY | KEY | BOTANICAL NAME TREES | COMMON NAME | ROOT | SIZE | REMARKS | QTY | KEY | BOTANICAL N SHRUBS |
| 1 | AC | ACER X.FREEMANII 'CELEBRATION' | CELEBRATION MAPLE | B&B | 2" CAL. | _ | 5 | SS | SPIRAEA JAPONICA |
| 5 | cw | CARNIPUS CAROLINA 'AUTUMN FIRE' | AUTUMN FIRE HORNBEAM | B&B | 2" CAL. | _ | 6 | JB | JUNIPERUS CONFERTA |
| 9 | JH | JUNIPERUS CHINENSIS 'HETZII' | HETZ COLUMNAR JUNIPER | B&B | 5-6' HT | - | 1 | PP | PICEA ABIES 'F |
| 1 | SI | SYRINGA RET. 'IVORY SILK' | IVORY SILK TREE LILAC | B&B | 2" CAL | _ | 3 | SK | SYRINGA PATULA |
| | | | | | | | 4 | PH | PENNISETUM ALOPECU |
| | | | | | | | | | |
| | | | | AC 1 | D JH 9 | | | | * |
| | | | | | | <u>SS</u> 5 | 7) CV | W | |
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| QTY | KEY BOTANICAL NAME | | BOTANICAL NAME COMMON NAME | | SIZE | REMARKS | | |
|--------------------|--------------------|-----------------------------------|----------------------------|-----------|----------|----------|--|--|
| | SHRUBS | | | | | | | |
| 5 | ss | SPIRAEA JAPONICA 'SHIROBANA' | SHIROBANA SPIREA | #3 CONT. | 24"SPR. | _ | | |
| 6 | JB | JUNIPERUS CONFERTA 'BLUE PACIFIC' | BLUE PACIFIC JUNIPER | # 3 CONT. | 18" SPR. | _ | | |
| 1 | PP | PICEA ABIES 'PENDULA' | WEEPING NORWAY SPRUCE | B&B | 4' WIDE | SPECIMEN | | |
| 3 | SK | SYRINGA PATULA 'MISS KIM' | MISS KIM LILAC | #5 CONT. | 36" HT | _ | | |
| ANNUALS/PERENNIALS | | | | | | | | |
| 4 | PH | PENNISETUM ALOPECUROIDES 'HAMELN' | HAMELN FOUNTAIN GRASS | CLUMP | #3 CONT. | _ | | |

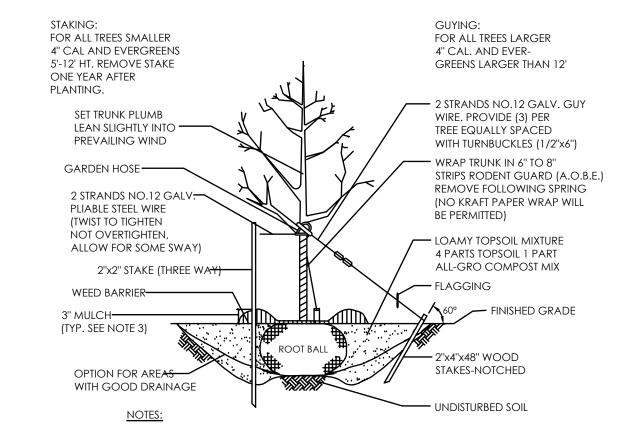


PROPOSED BIORETENTION AREA. SEED

WITH ERNMX-126 'RETENTION BASIN

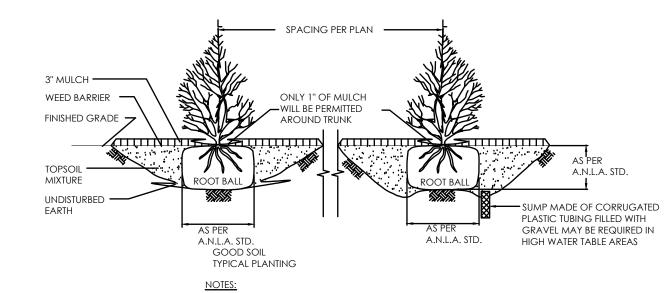
FLOOR MIX LOW MAINTENANCE' BY

ERNST SEEDS OR APPROVED EQUAL



- 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, THEN IT CAN BE THICKENED.
- 4. MULCH IS TO BE PLACED 3" TO 6" AWAY FROM THE TRUNK.
- 5. MULCHING AROUND TREE TO HAVE A DIAMETER OF 6' MINIMUM.

TREE PLANTING DETAIL NOT TO SCALE



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.

SHRUB PLANTING DETAIL NOT TO SCALE

PLANTING NOTES

- 1. MULCH AROUND INDIVIDUAL PLANTS ONLY. SHREDDED HARDWOOD MULCH IS THE ONLY ACCEPTED MULCH. PINE MULCH AND WOOD CHIPS WILL FLOAT AND MOVE TO THE PERIMETER OF THE PRETREATEMENT AREA DURING A STORM EVENT AND ARE NOT ACCEPTABLE. SHREDDED MULCH MUST BE WELL AGED (6 TO 12 MONTHS) FOR ACCEPTANCE.
- 2. THE PLANT ROOT BALL SHOULD BE PLANTED SO 1/8TH OF THE BALL IS ABOVE FINAL GRADE SURFACE. 3. ROOT STOCK OF THE PLANT MATERIAL SHALL BE KEPT MOIST DURING TRANSPORT AND ON-SITE STORAGE. THE
- DIAMETER OF THE PLANTING PIT SHALL BE AT LEAST SIX INCHES LARGER THAN THE DIAMETER OF THE PLANTING BALL. SET AND MAINTAIN THE PLANT STRAIGHT DURING THE ENTIRE PLANTING PROCESS. THOROUGHLY WATER GROUND BED COVER AFTER INSTALLATION. 4. TREES SHALL BE BRACED USING 2" X 2" STAKES ONLY AS
- NECESSARY AND FOR THE FIRST GROWING SEASON ONLY. STAKES ARE TO BE EQUALLY SPACED ON THE OUTSIDE OF THE TREE BALL. 5. GRASSES AND LEGUME SEED SHALL BE TILLED INTO THE SOIL TO A DEPTH OF AT LEAST ONE INCH. GRASS AND
- LEGUME PLUGS SHALL BE PLANTED FOLLOWING THE NON-GRASS GROUND COVER PLANTING SPECIFICATIONS. 6. ALL DISTURBED UNSURFACED AREAS SHALL RECEIVE MIN. SIX INCHES OF TOPSOIL, SEED AND MULCH AND SHALL

BE WATERED UNTIL A HEALTHY STAND OF GRASS IS

- OBTAINED. 7. NO IRRIGATION SYSTEM TO BE INSTALLED. CONTRACTOR SHALL PROVIDE HARDY TREES SUITABLE FOR USE IN THE SOIL AND CLIMATE CONDITIONS OF THE PROJECT, AND PROVIDE THE OWNER WITH A BONDED WRITTEN ONE-YEAR MAINTENANCE/WARRANTY
- AGREEMENT PER THE SPECIFICATIONS. 8. ANY PROPOSED DEVIATION TO THE LANDSCAPE PLAN MUST FIRST BE REVIEWED AND APPROVED BY THE PLANNING BOARD CHAIRMAN AND THE DIRECTOR OF ENGINEERING/PLANNING PRIOR TO THE INSTALLATION OF THE THE PROPOSED LANDSCAPING CHANGES
- 9. 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.

PLANTING LEGEND

AB PLANTING IDENTIFIER

PLANTING COUNT



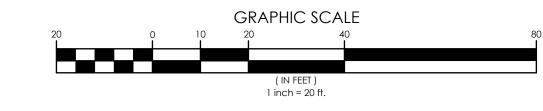


EVERGREEN SHRUB

EVERGREEN LARGE/SMALL

TOWN OF HENRIETTA APPROVALS

PLANNING BOARD CHAIRMAN



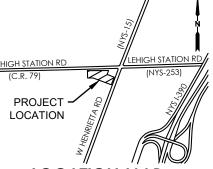


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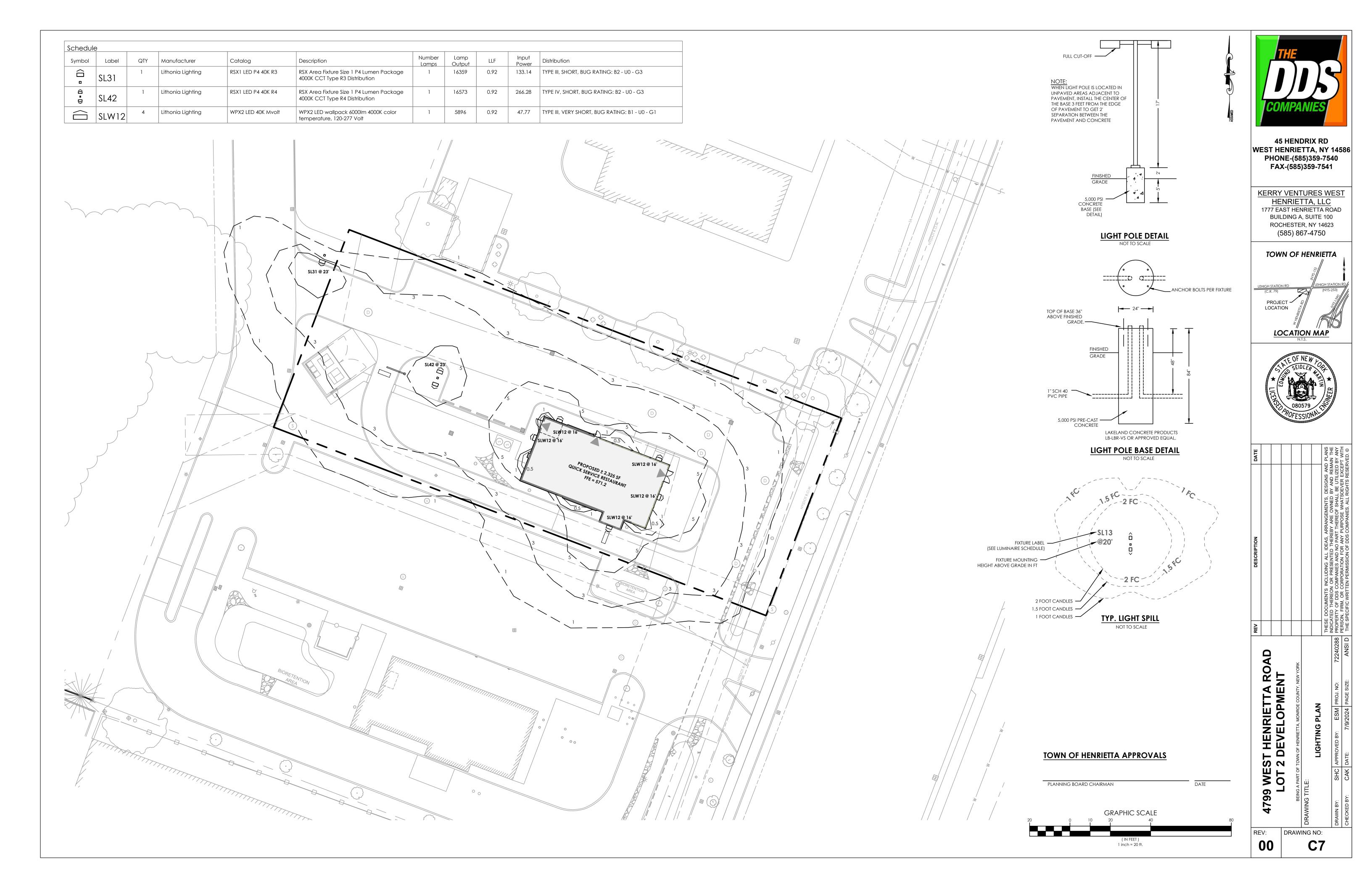
LOCATION MAP

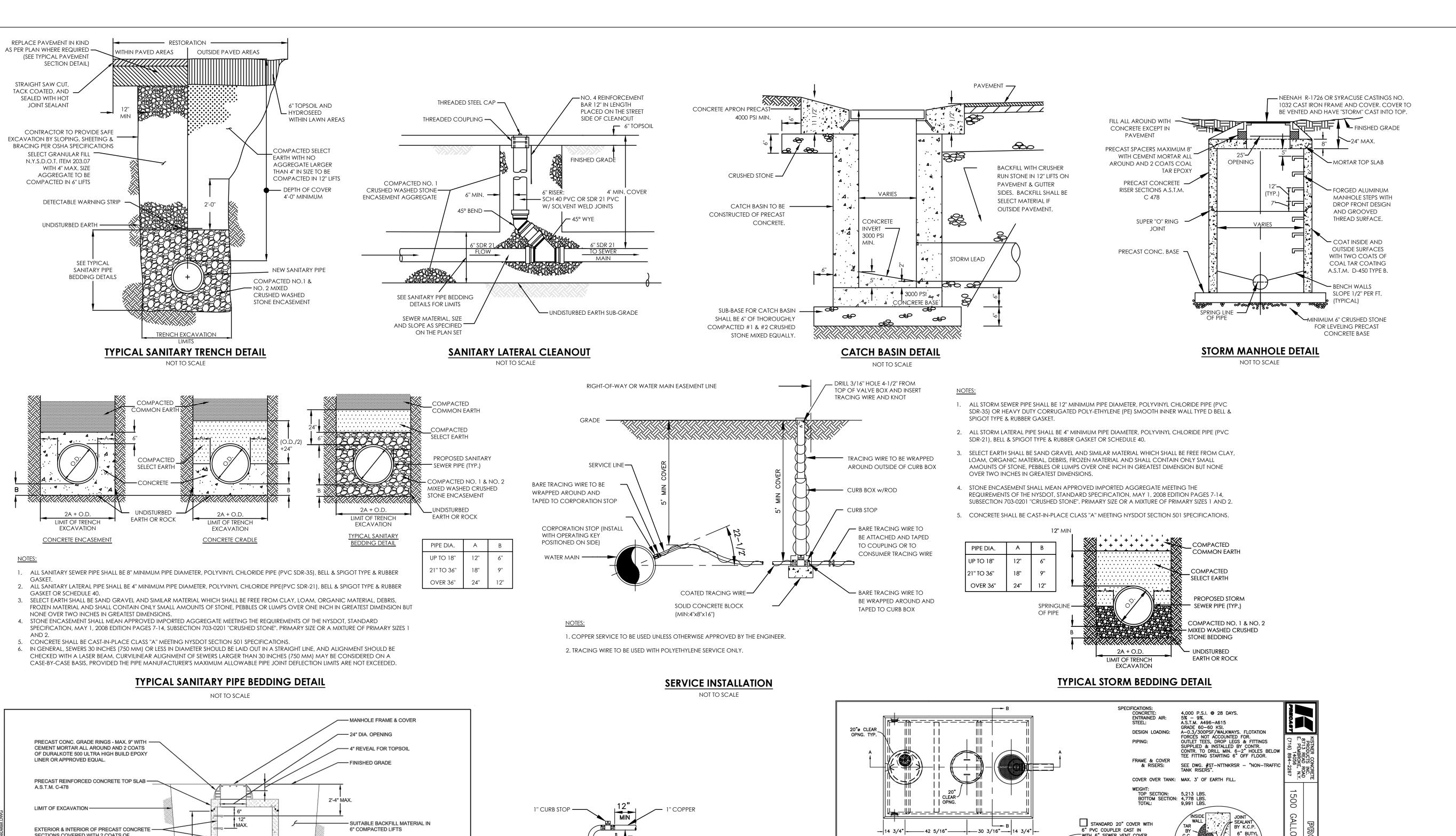


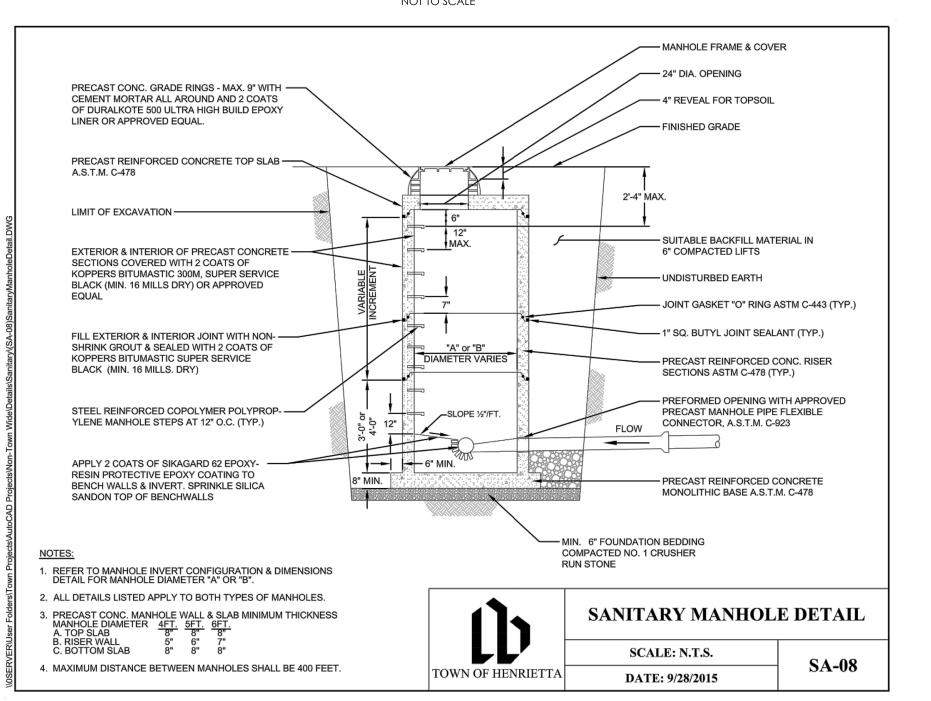
HEINRICH W. FISCHER, R.L.A.

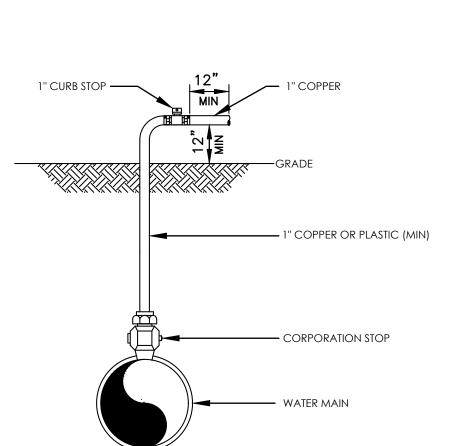
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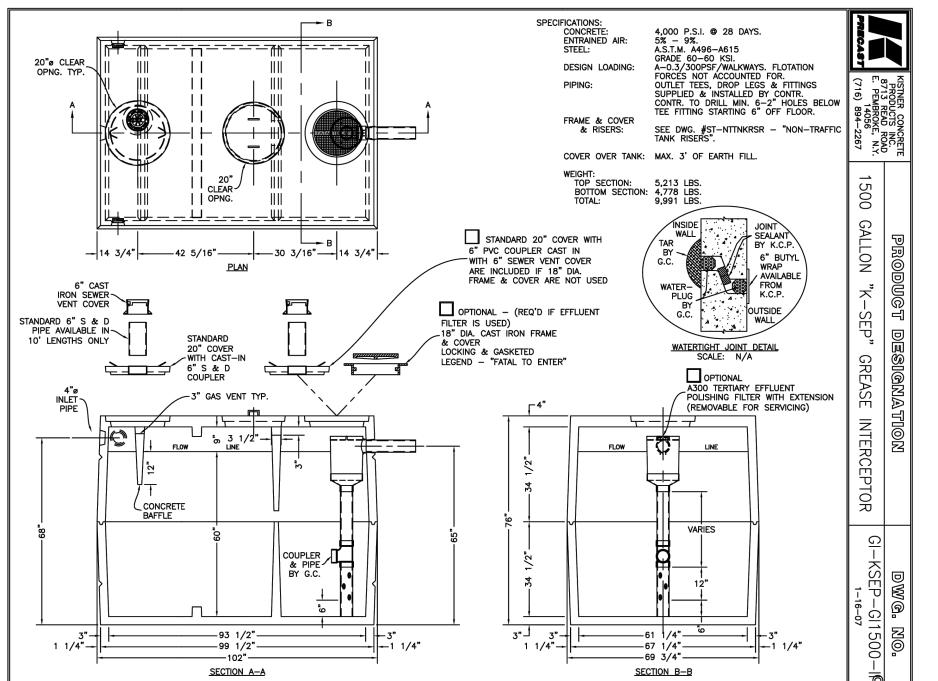






NOTE: IN THE PRESENCE OF A WATER AUTHORITY REPRESENTATIVE REMOVE ALL CORPORATIONS ASSOCIATED WITH TEMPORARY DISINFECTION/SAMPLE TAPS AND REPLACE WITH THREADED BRASS PLUGS.

DISINFECTION/BLOW-OFF/SAMPLING TAP (TEMPORARY)

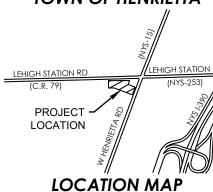


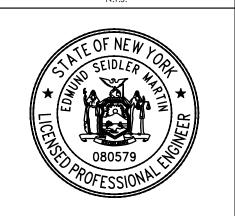


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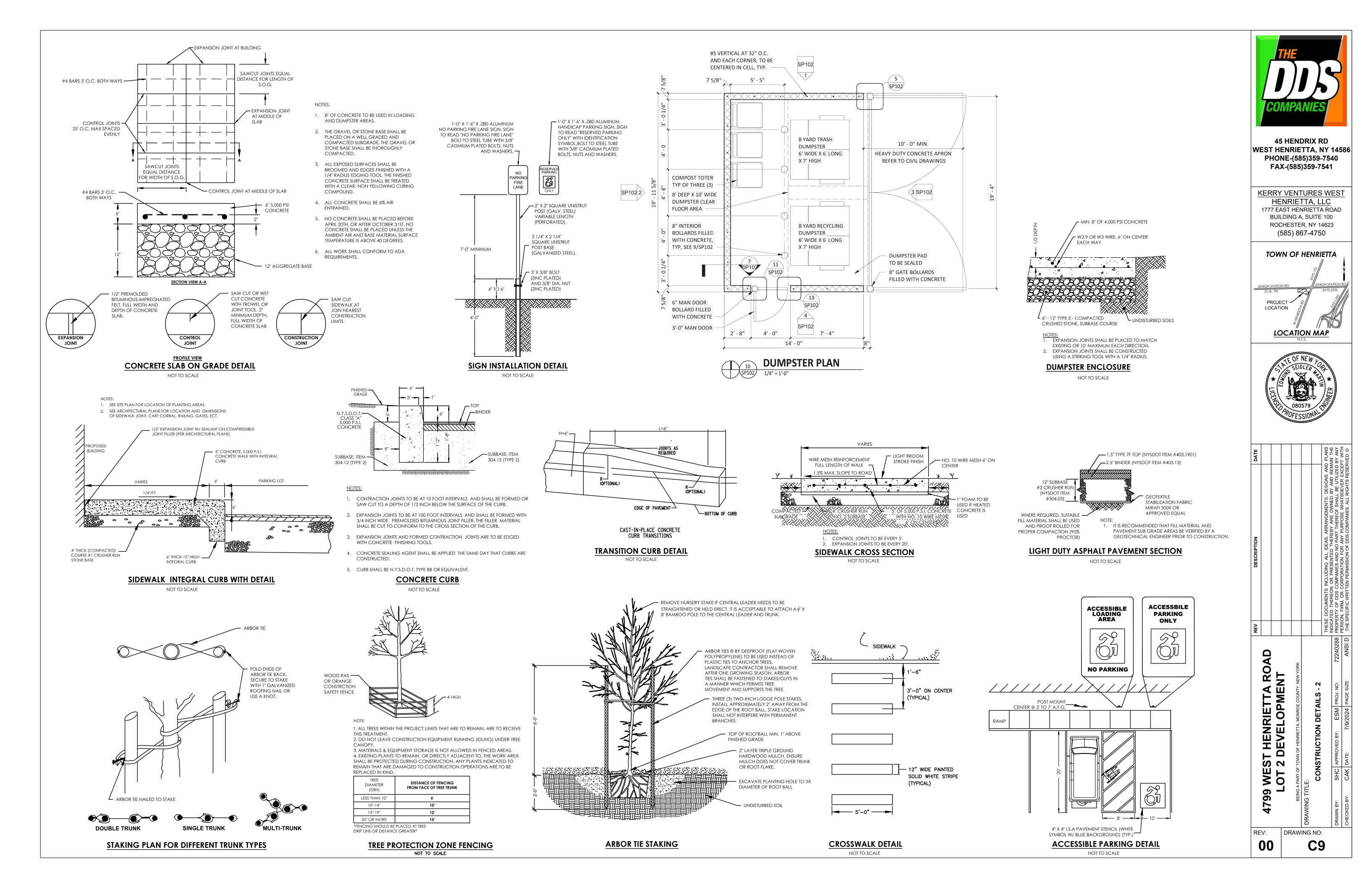
TOWN OF HENRIETTA

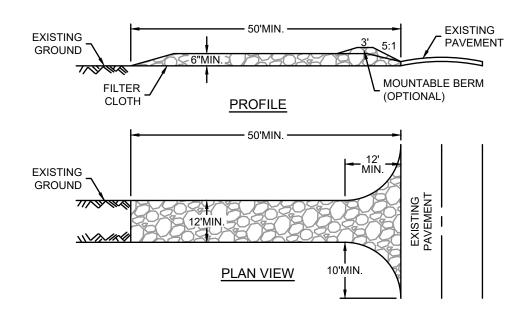




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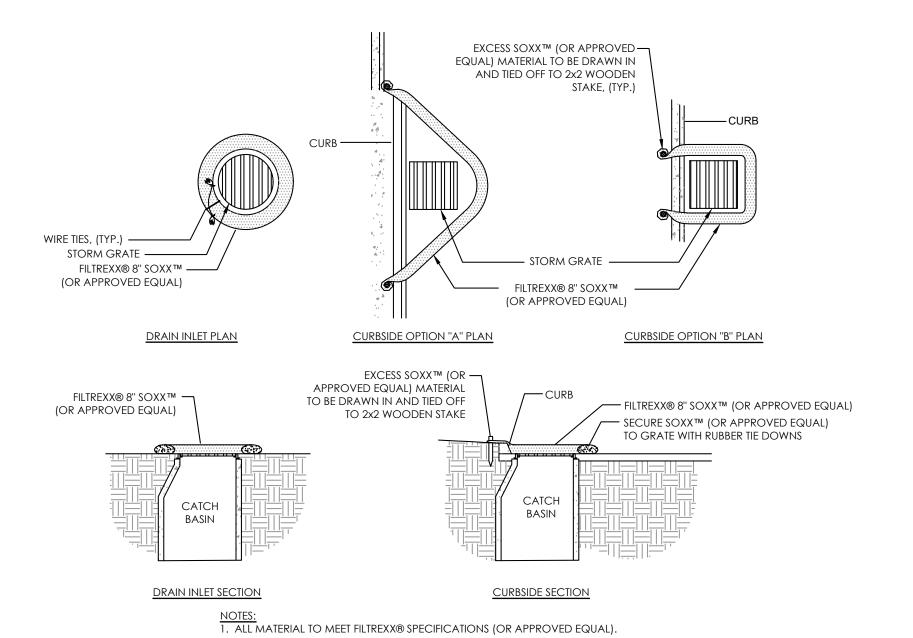




- CONSTRUCTION SPECIFICATIONS

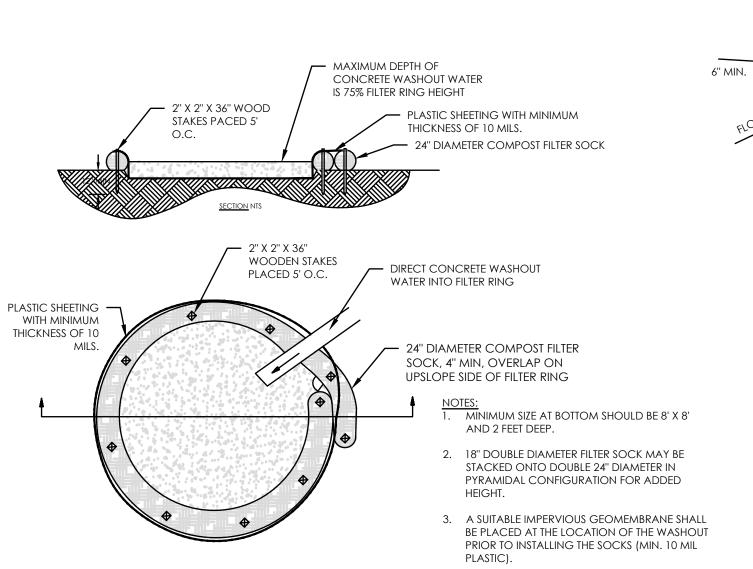
 1. STONE SIZE USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT. 2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30
- FOOT MINIMUM LENGTH WOULD APPLY).
- 3. THICKNESS NOT LESS THAN SIX (6) INCHES.
- 4. WIDTH TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE
- 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 TRACTED 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

STABILIZED CONSTRUCTION ENTRANCE NOT TO SCALE



FILTER MEDIA™ FILL TO MEET APPLICATION REQUIREMENTS (OR APPROVED EQUAL).
 DETAIL OBTAINED FROM FILTREXX®

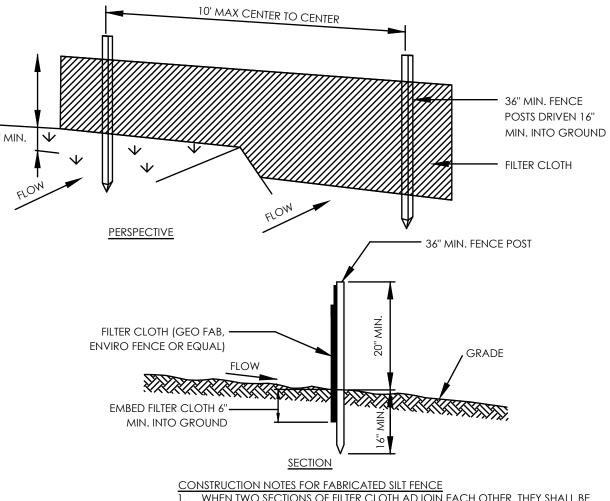
INLET PROTECTION NOT TO SCALE



CONCRETE WASHOUT DETAIL

NOT TO SCALE

4. PLASTIC LINE SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.

- 2. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.
- 3. POSTS SHALL BE STEEL, EITHER T OR U TYPE OR 2" HARDWOOD
- 4. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N OR PREFABRICATED GEOFAB, ENVIROFENCE OR APPROVED EQUAL

SILT FENCE

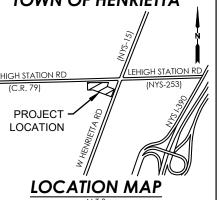


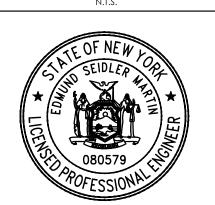
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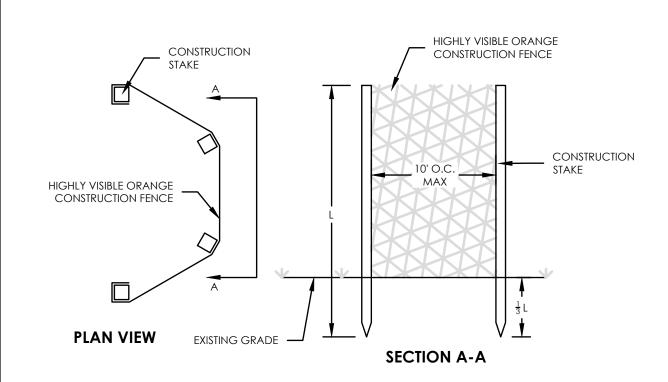
TOWN OF HENRIETTA





HENRIETT/

DRAWING NO:



MATERIALS FOR TEMPORARY PLASTIC BARRIER FENCES SHALL MEET THE FOLLOWING REQUIREMENTS: FENCE: HIGH-DENSITY POLYETHYLENE MESH, ULTRAVIOLET-STABILIZED MIN. 2 YEARS; MINIMUM HEIGHT 4 FEET. COLOR: HIGH-VISIBILITY ORANGE OR GREEN. WHEN USED TO PROTECT TREES OR VEGETATION, COLOR SHALL BE HIGH-VISIBILITY ORANGE. POSTS: RIGID METAL OR WOOD POSTS, MINIMUM LENGTH 10.0 FEET TIES: STEEL WIRE. #14 GAUGE OR NYLON CABLE TIES.

ORANGE CONSTRUCTION FENCE

NOT TO SCALE





SC-740 STORMTECH CHAMBER SPECIFICATIONS

- CHAMBERS SHALL BE STORMTECH SC-740.
- 2. CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS"
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1 INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN
- REQUIREMENTS FOR HANDLING AND INSTALLATION: • TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS. TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER
- JOINT SHALL NOT BE LESS THAN 2". TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER. THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS
- THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER. THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
- THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
- 9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

COVER ENTIRE ISOLATOR ROW PLUS WITH ADS GEOSYNTHETICS 601T NON-WOVEN GEOTEXTILE

STORMTECH HIGHLY RECOMMENDS FLEXSTORM INSERTS IN ANY UPSTREAM STRUCTURES WITH OPEN GRATES

ELEVATED BYPASS MANIFOLD

SUMP DEPTH TBD BY

SITE DESIGN ENGINEER

(24" [600 mm] MIN RECOMMENDED)

8' (2.4 m) MIN WIDE

CATCH BASIN

OR MANHOLE

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-740

- 1. STORMTECH SC-740 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- 2. STORMTECH SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
- 3. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE STORMTECH RECOMMENDS 3 BACKFILL METHODS:
- STONESHOOTER LOCATED OFF THE CHAMBER BED BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
- BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- 4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS. 5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- 6. MAINTAIN MINIMUM 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.
- 7. EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4-2"
- 8. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- 9. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE

NOTES FOR CONSTRUCTION EQUIPMENT

LIMITS FOR CONSTRUCTION EQUIPMENT

- 1. STORMTECH SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
- THE USE OF CONSTRUCTION EQUIPMENT OVER SC-740 CHAMBERS IS LIMITED: NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
- NO RUBBER TIRED LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780
- CONSTRUCTION GUIDE". WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
- B. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP

TRUCK TRAVEL OR DUMPING. USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO

THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY THE "DUMP

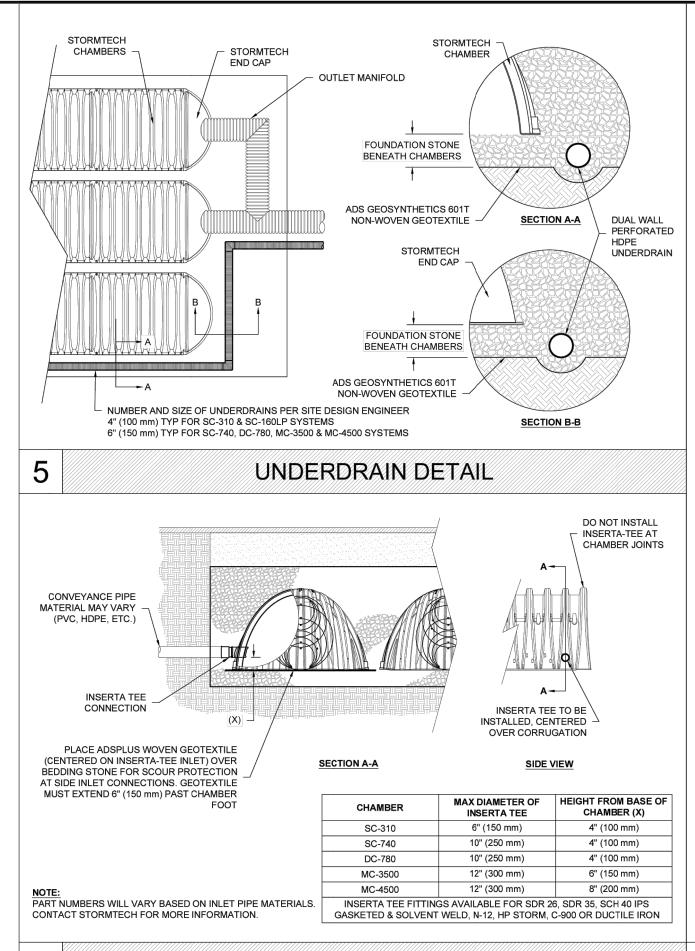
- OPTIONAL INSPECTION PORT

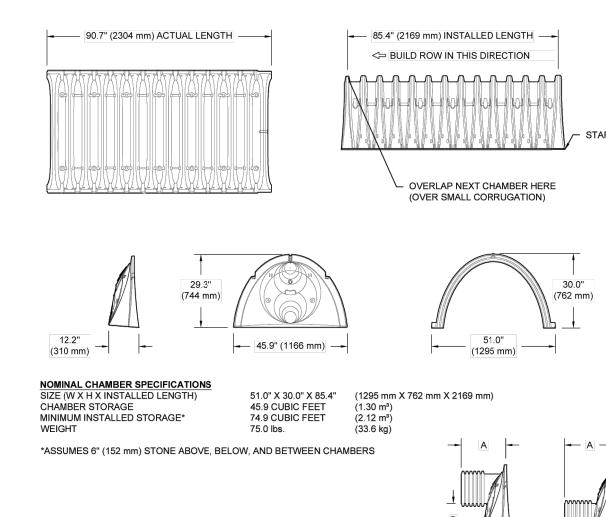
SC-740 END CAP

- ONE LAYER OF ADSPLUS125 WOVEN GEOTEXTILE BETWEEN

5' (1.5 m) MIN WIDE CONTINUOUS FABRIC WITHOUT SEAMS

AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY. CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT





| PRE-FAB STUB AT BOTTOM OF END PRE-FAB STUBS AT BOTTOM OF END PRE-FAB STUBS AT TOP OF END CAF PRE-CORED END CAPS END WITH "P | CAP FOR PART NU FOR PART NUMBE | IMBERS ENDING WI | | |
|--|-----------------------------------|----------------------------------|----------------|--------------|
| PART# | STUB | Α | В | С |
| SC740EPE06T / SC740EPE06TPC | 6" (150 mm) | 10.9" (277 mm) | 18.5" (470 mm) | |
| SC740EPE06B / SC740EPE06BPC |] 0 (130 11111) | 10.5 (277 11111) | | 0.5" (13 mm) |
| SC740EPE08T /SC740EPE08TPC | 8" (200 mm) | 12.2" (310 mm) | 16.5" (419 mm) | |
| SC740EPE08B / SC740EPE08BPC |] 0 (200 11111) | 0 (200 11111) 12.2 (310 11111) | | 0.6" (15 mm) |
| SC740EPE10T / SC740EPE10TPC | 10" (250 mm) | 13.4" (340 mm) | 14.5" (368 mm) | |
| SC740EPE10B / SC740EPE10BPC | 10 (230 11111) | 13.4 (340 11111) | | 0.7" (18 mm) |
| SC740EPE12T / SC740EPE12TPC | 12" (300 mm) | 14.7" (373 mm) | 12.5" (318 mm) | |
| SC740EPE12B / SC740EPE12BPC |] 12 (300 11111) | 14.7 (3/311111) | | 1.2" (30 mm) |
| SC740EPE15T / SC740EPE15TPC | 15" (375 mm) | 18.4" (467 mm) | 9.0" (229 mm) | |
| SC740EPE15B / SC740EPE15BPC | 15 (3/511111) | 10.4 (407 11111) | | 1.3" (33 mm) |
| SC740EPE18T / SC740EPE18TPC | 18" (450 mm) | 19.7" (500 mm) | 5.0" (127 mm) | |
| SC740EPE18B / SC740EPE18BPC |] 10 (43011111) | 19.7 (300 11111) | | 1.6" (41 mm) |
| SC740EPE24B* | 24" (600 mm) | 18.5" (470 mm) | | 0.1" (3 mm) |
| 007405050400* | 24" (600 mm) | 10 E!! (470 mm) | | 0.4" (2.mm) |

ALL STUBS. EXCEPT FOR THE SC740EPE24B/SC740EPE24BR ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT

FOR THE SC740EPE24B/SC740EPE24BR THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL. NOTE: ALL DIMENSIONS ARE NOMINAL

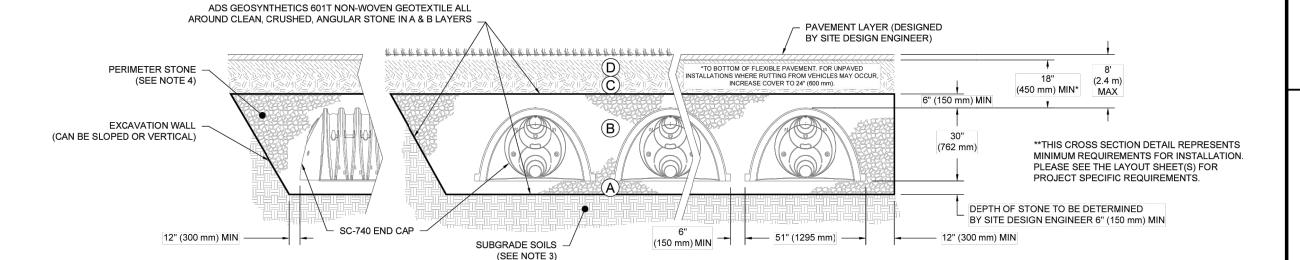
INSERTA-TEE SIDE INLET DETAIL

SC-740 TECHNICAL SPECIFICATIONS

ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS

| | MATERIAL LOCATION | DESCRIPTION | AASHTO MATERIAL CLASSIFICATIONS | COMPACTION / DENSITY REQUIREMENT |
|---|---|--|---|--|
| D | FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER. | ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS. | N/A | PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS. |
| С | INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER. | GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER. | AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10 | BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN). |
| В | EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE. | CLEAN, CRUSHED, ANGULAR STONE | AASHTO M43¹ 3, 357, 4, 467, 5, 56, 57 | NO COMPACTION REQUIRED. |
| Α | FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER. | CLEAN, CRUSHED, ANGULAR STONE | AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57 | PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. 2,3 |

- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE". STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
- WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGNS, CONTACT STORMTECH FOR ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



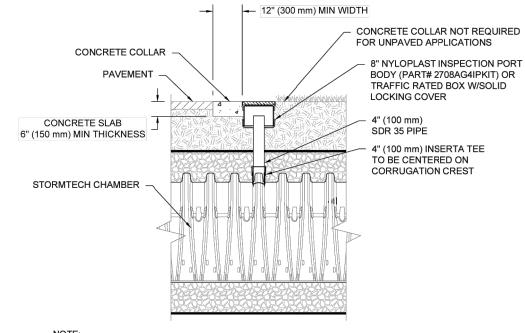
SC-740 ISOLATOR ROW PLUS DETAIL

24" (600 mm) HDPE ACCESS PIPE REQUIRED

USE FACTORY PRE-FABRICATED END CAP

WITH FLAMP PART #: SC740EPE24BR

SC-740 CHAMBER



INSPECTION PORTS MAY BE CONNECTED THROUGH ANY CHAMBER CORRUGATION CREST

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT A. INSPECTION PORTS (IF PRESENT)
 - REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL) IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
 - B. ALL ISOLATOR PLUS ROWS REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 - MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS. STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

- 1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- 2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS"
- 2. SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH
- CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS. REQUIREMENTS FOR HANDLING AND INSTALLATION:
- TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS. TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL. THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2".
- TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 550
- LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW



SC,

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REVIE

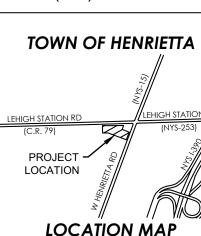
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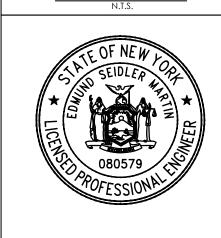
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T W

SHEET

DRAWING NO:

4" PVC INSPECTION PORT DETAIL

(SC SERIES CHAMBER)

SC-740 CROSS SECTION DETAIL