

# Proposed Warehouse Building

## Amherst, New York

### AGENCIES

#### ENGINEERING DEPARTMENT

NAME/TITLE: JEFFERY BURROUGHS, P.E. – TOWN ENGINEER  
 COMPANY/DEPT: TOWN OF AMHERST ENGINEERING DEPARTMENT  
 ADDRESS: 1100 NORTH FOREST ROAD  
 WILLIAMSVILLE, NEW YORK 14221

TELEPHONE 716-631-7154

#### PLANNING & ZONING DEPARTMENT

NAME/TITLE: DANIEL HOWARD – PLANNING DIRECTOR  
 COMPANY/DEPT: TOWN OF AMHERST PLANNING DEPARTMENT  
 ADDRESS: 5583 MAIN STREET  
 WILLIAMSVILLE, NEW YORK 14221

TELEPHONE 716-631-7051

#### BUILDING DEPT.

NAME/TITLE: BERKE, MARK S. – COMMISSIONER OF BUILDING  
 COMPANY/DEPT.: TOWN OF AMHERST BUILDING DEPT.  
 ADDRESS: 5583 MAIN ST.  
 AMHERST, NEW YORK 14221

TELEPHONE 716-631-7080

#### ECDOH

NAME/TITLE: ERIE COUNTY DEPARTMENT OF HEALTH  
 COMPANY/DEPT.: 503 KENSINGTON AVE  
 ADDRESS: BUFFALO, NEW YORK 14214

TELEPHONE 716-961-6854

#### NYSDEC

NAME/TITLE: NEW YORK STATE DEPT. OF ENVIRONMENTAL  
 CONSERVATION  
 COMPANY/DEPT: 700 DELAWARE AVE.  
 ADDRESS: BUFFALO, NEW YORK 14209

TELEPHONE 716-851-7070

### UTILITIES

#### NATURAL GAS

COMPANY/DEPT.: NATIONAL FUEL GAS CORP.  
 ADDRESS: 6363 MAIN STREET  
 WILLIAMSVILLE, NEW YORK 14221

TELEPHONE 716-857-7000

#### TELEPHONE COMPANY

COMPANY/DEPT: VERIZON  
 ADDRESS: 65 FRANKLIN STREET  
 BUFFALO, NEW YORK 14203

TELEPHONE 716-840-8748

#### CABLE COMPANY

COMPANY/DEPT: TIME WARNER  
 ADDRESS: 789 CHURCH ROAD  
 WEST SENECA, NEW YORK

TELEPHONE 716-558-8615

#### ELECTRIC COMPANY

COMPANY/DEPT: NATIONAL GRID  
 ADDRESS: 144 KENSINGTON AVENUE  
 BUFFALO, NEW YORK 14214

TELEPHONE 716-236-2738

#### WATER

COMPANY/DEPT.: ERIE COUNTY WATER AUTHORITY  
 ADDRESS: 3030 UNION ROAD  
 CHEEKTOWAGA, NEW YORK 14227

TELEPHONE 716-684-1510

#### DIG SAFELY NEW YORK

TELEPHONE 1-800-962-7962

### DESIGN CONSULTANTS

#### PROJECT SURVEYOR

NAME/TITLE: GPI ENGINEERING, LANDSCAPE,  
 ARCHITECTURE & SURVEYING, LLP  
 COMPANY/DEPT.: 4950 GENESEE STREET, SUITE 100  
 ADDRESS: BUFFALO, NEW YORK 14225

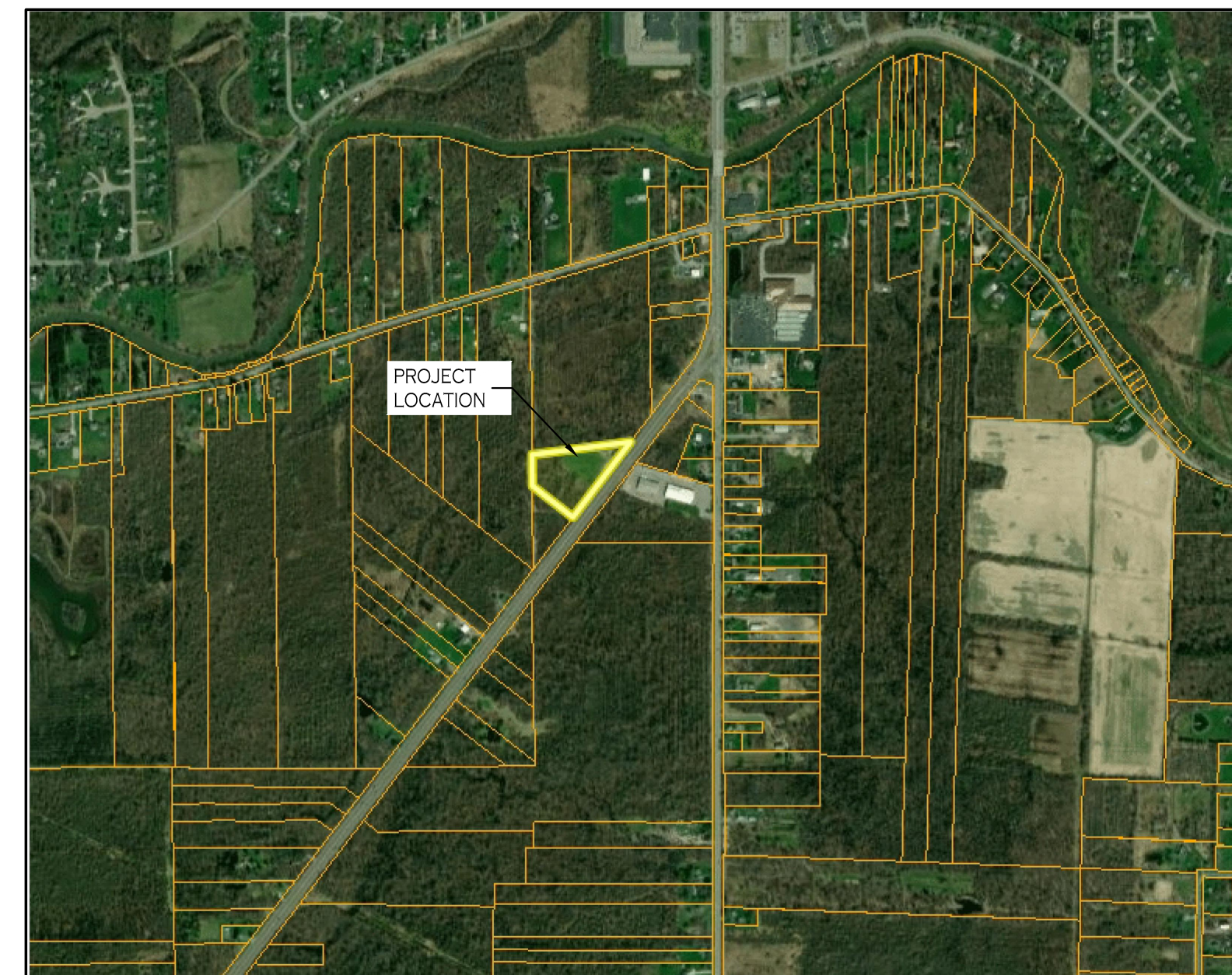
TELEPHONE 716-633-4844

### OWNER/DEVELOPER

NAME: STEPHENS PLUMBING  
 ADDRESS: 5500 MILLERSPORT HIGHWAY  
 EAST AMHERST, NY 14051  
 CONTACT: KEVIN STEPHENS  
 TELEPHONE 716-512-9451

| DRAWING NO. | DRAWING TITLE                             |
|-------------|---|
| -           | COVER SHEET                               |
| -           | LAND SURVEY (PREPARED BY GPI ENGINEERING) |
| C-001       | EROSION CONTROL PLAN                      |
| C-002       | EROSION CONTROL DETAILS                   |
| C-100       | SITE PLAN                                 |
| C-101       | SITE DETAILS                              |
| C-200       | GRADING PLAN                              |
| C-300       | STORM DRAINAGE PLAN                       |
| C-301       | BASIN DETAILS                             |
| C-302       | STORM DRAINAGE DETAILS                    |
| C-400       | UTILITY PLAN                              |
| C-401       | UTILITY DETAILS                           |
| C-402       | UTILITY DETAILS                           |
| C-403       | UTILITY DETAILS                           |
| C-404       | UTILITY DETAILS                           |
| L-100       | LANDSCAPE PLAN                            |
| L-101       | LANDSCAPE DETAILS                         |
| LP-100      | LIGHTING PLAN                             |
| LP-101      | LIGHTING DETAILS                          |
| FT-100      | FIRE TRUCK TURN PLAN                      |

| REVISIONS: |                        |            |
|------------|------------------------|------------|
| No.        | Description            | Date       |
| △          | Rev. Per Town Comments | 03/21/2025 |



LOCATION MAP  
 NOT TO SCALE

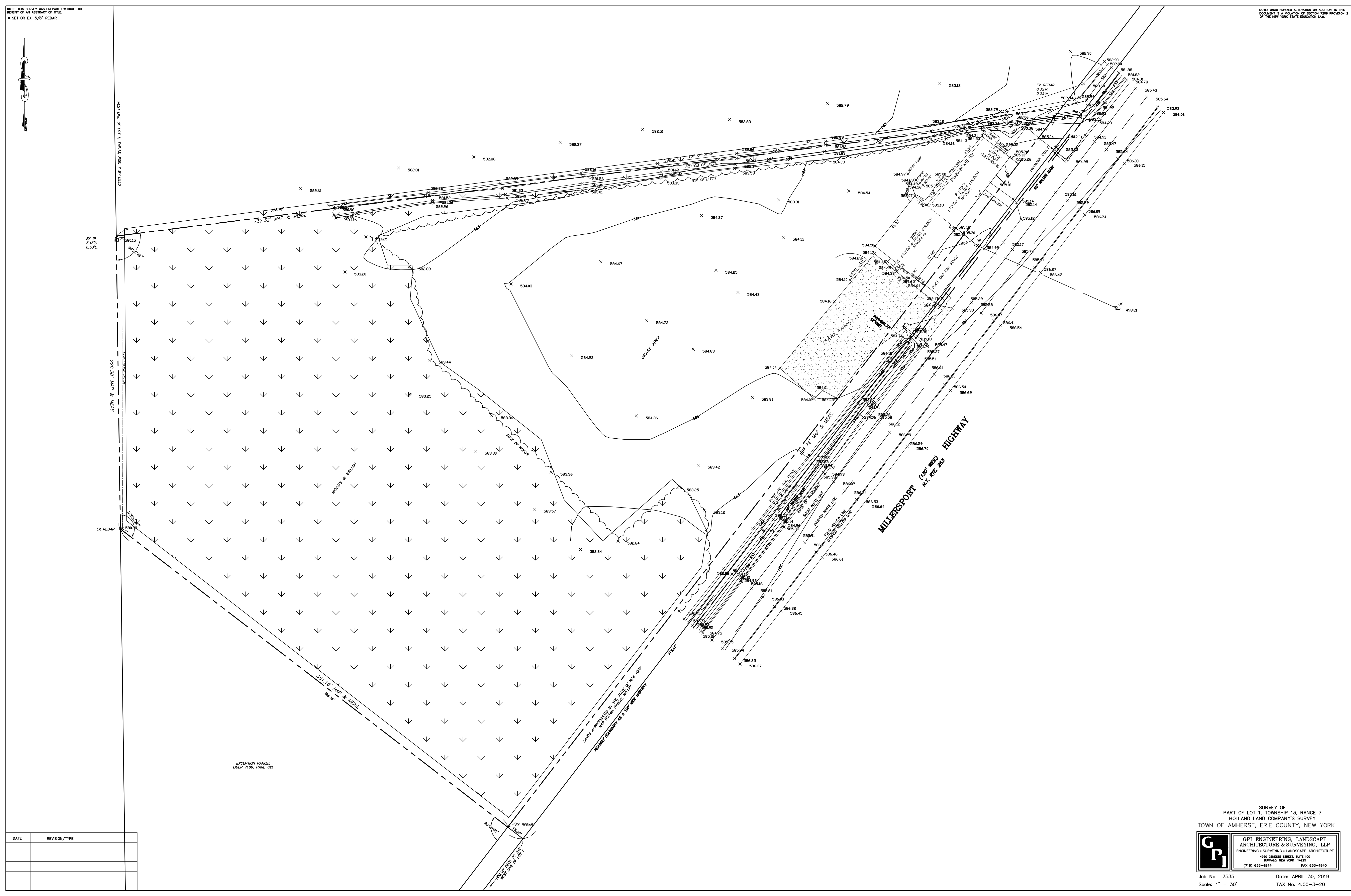
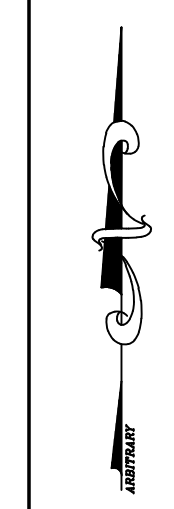
**CARMINAWOOD**  
**DESIGN**

**November 2024**  
 Rev. MARCH 2025

Proposed Warehouse Building  
 Amherst, New York

NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE.  
 SET OR EX. 5/8" REBAR

NOTE: UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209, PARAGRAPH 2 OF THE NEW YORK STATE EDUCATION LAW.



EXCEPTION PARCEL  
 LIBER 7189, PAGE 621

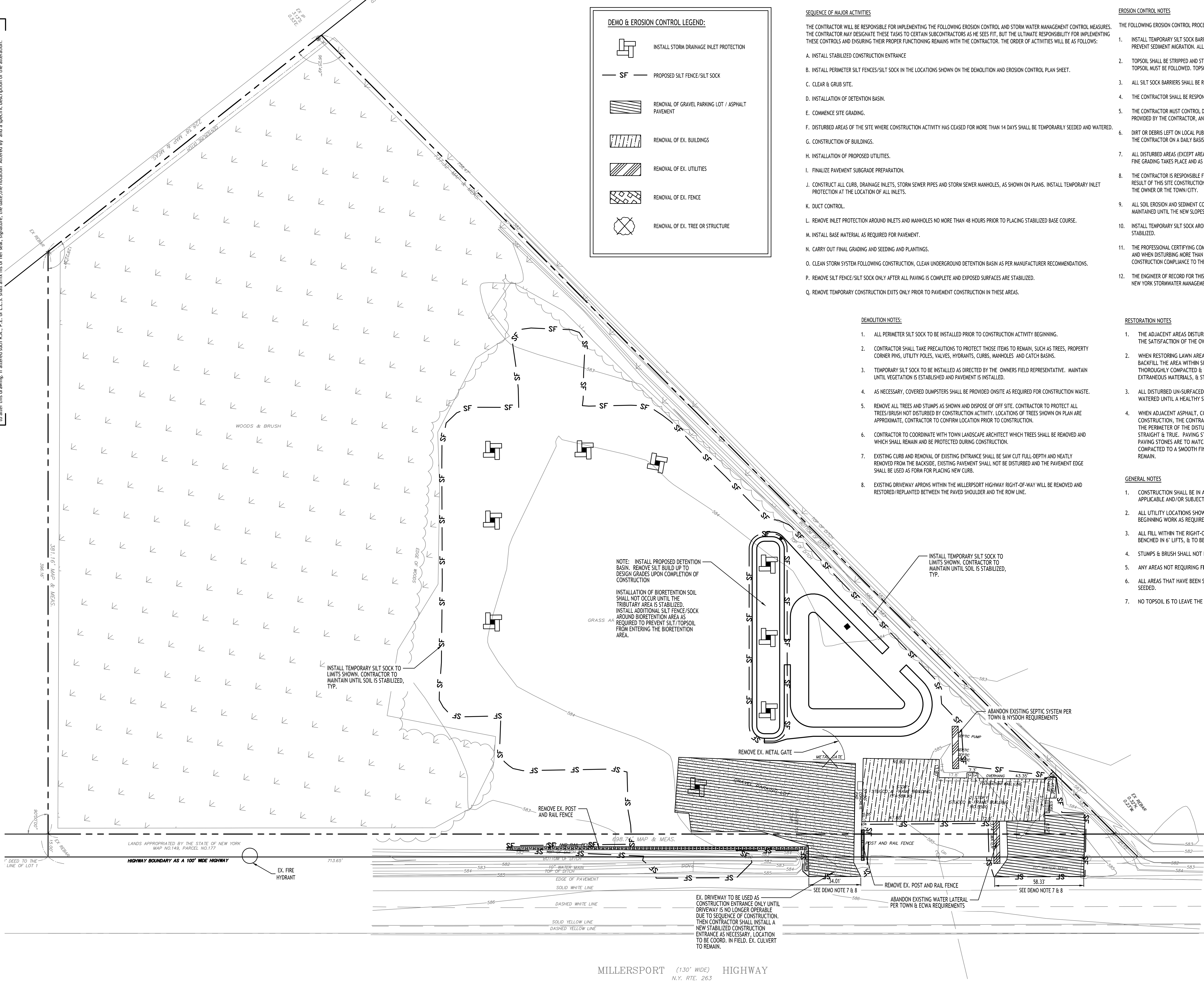
| DATE | REVISION/TYPE |
|------|---------------|
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |

SURVEY OF  
 PART OF LOT 1, TOWNSHIP 13, RANGE 7  
 HOLLAND LAND COMPANY'S SURVEY  
 TOWN OF AMHERST, ERIE COUNTY, NEW YORK

**GPI** ENGINEERING, LANDSCAPE  
 ARCHITECTURE & SURVEYING, LLP  
 ENGINEERING • SURVEYING • LANDSCAPE ARCHITECTURE  
 4650 GENESEE STREET, SUITE 100  
 BUFFALO, NEW YORK 14225  
 (716) 633-6844 FAX 633-6840

Job No. 7535 Date: APRIL 30, 2019  
 Scale: 1" = 30' TAX No. 4.00-3-20

All Rights Reserved. Reuse of these documents without the expressed written permission of CARMINA WOOD DESIGN is prohibited. WARNING: It is a violation of article 45 of the New York State Education Law for any person to alter this drawing, in altered such R.A., P.E. or L.L.S. shall affix his or her seal, signature, the date, the nature, altered by and a specific description of the alteration.



**DEMO & EROSION CONTROL LEGEND:**

- INSTALL STORM DRAINAGE INLET PROTECTION
- PROPOSED SILT FENCE/SILT SOCK
- REMOVAL OF GRAVEL PARKING LOT / ASPHALT PAVEMENT
- REMOVAL OF EX. BUILDINGS
- REMOVAL OF EX. UTILITIES
- REMOVAL OF EX. FENCE
- REMOVAL OF EX. TREE OR STRUCTURE

- SEQUENCE OF MAJOR ACTIVITIES**
- A. INSTALL STABILIZED CONSTRUCTION ENTRANCE
  - B. INSTALL PERIMETER SILT FENCES/SILT SOCK IN THE LOCATIONS SHOWN ON THE DEMOLITION AND EROSION CONTROL PLAN SHEET.
  - C. CLEAR & GRUB SITE.
  - D. INSTALLATION OF DETENTION BASIN.
  - E. COMMENCE SITE GRADING.
  - F. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED.
  - G. CONSTRUCTION OF BUILDINGS.
  - H. INSTALLATION OF PROPOSED UTILITIES.
  - I. FINALIZE PAVEMENT SUBGRADE PREPARATION.
  - J. CONSTRUCT ALL CURB, DRAINAGE INLETS, STORM SEWER PIPES AND STORM SEWER MANHOLES, AS SHOWN ON PLANS. INSTALL TEMPORARY INLET PROTECTION AT THE LOCATION OF ALL INLETS.
  - K. DUCT CONTROL.
  - L. REMOVE INLET PROTECTION AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PLACING STABILIZED BASE COURSE.
  - M. INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT.
  - N. CARRY OUT FINAL GRADING AND SEEDING AND PLANTINGS.
  - O. CLEAN STORM SYSTEM FOLLOWING CONSTRUCTION. CLEAN UNDERGROUND DETENTION BASIN AS PER MANUFACTURER RECOMMENDATIONS.
  - P. REMOVE SILT FENCE/SILT SOCK ONLY AFTER ALL PAVING IS COMPLETE AND EXPOSED SURFACES ARE STABILIZED.
  - Q. REMOVE TEMPORARY CONSTRUCTION EXITS ONLY PRIOR TO PAVEMENT CONSTRUCTION IN THESE AREAS.

- DEMOLITION NOTES:**
1. ALL PERIMETER SILT SOCK TO BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITY BEGINNING.
  2. CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT THOSE ITEMS TO REMAIN, SUCH AS TREES, PROPERTY CORNER PINS, UTILITY POLES, VALVES, HYDRANTS, CURBS, MANHOLES AND CATCH BASINS.
  3. TEMPORARY SILT SOCK TO BE INSTALLED AS DIRECTED BY THE OWNERS FIELD REPRESENTATIVE. MAINTAIN UNTIL VEGETATION IS ESTABLISHED AND PAVEMENT IS INSTALLED.
  4. AS NECESSARY, COVERED DUMPSTERS SHALL BE PROVIDED ONSITE AS REQUIRED FOR CONSTRUCTION WASTE.
  5. REMOVE ALL TREES AND STUMPS AS SHOWN AND DISPOSE OF OFF SITE. CONTRACTOR TO PROTECT ALL TREES/BRUSH NOT DISTURBED BY CONSTRUCTION ACTIVITY. LOCATIONS OF TREES SHOWN ON PLAN ARE APPROXIMATE, CONTRACTOR TO CONFIRM LOCATION PRIOR TO CONSTRUCTION.
  6. CONTRACTOR TO COORDINATE WITH TOWN LANDSCAPE ARCHITECT WHICH TREES SHALL BE REMOVED AND WHICH SHALL REMAIN AND BE PROTECTED DURING CONSTRUCTION.
  7. EXISTING CURB AND REMOVAL OF EXISTING ENTRANCE SHALL BE SAW CUT FULL-DEPTH AND NEATLY REMOVED FROM THE BACKSIDE. EXISTING PAVEMENT SHALL NOT BE DISTURBED AND THE PAVEMENT EDGE SHALL BE USED AS FORM FOR PLACING NEW CURB.
  8. EXISTING DRIVEWAY APRONS WITHIN THE MILLERSPORT HIGHWAY RIGHT-OF-WAY WILL BE REMOVED AND RESTORED/REPLANTED BETWEEN THE PAVED SHOULDER AND THE ROW LINE.

- EROSION CONTROL NOTES**
- THE FOLLOWING EROSION CONTROL PROCEDURES SHALL BE ADHERED TO BY THE CONTRACTOR:
1. INSTALL TEMPORARY SILT SOCK BARRIERS AS DIRECTED BY THE OWNER AND AT ALL EXISTING STORMWATER CATCH BASINS WITHIN THE WORK AREA TO PREVENT SEDIMENT MIGRATION. ALL SILT SOCK BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS.
  2. TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE FOR RE-USE AS DIRECTED BY THE OWNER. ALL LOCAL ORDINANCES REGARDING THE SALE OF TOPSOIL MUST BE FOLLOWED. TOPSOIL MAY NOT BE REMOVED WITHOUT A PERMIT.
  3. ALL SILT SOCK BARRIERS SHALL BE REPLACED WHEREVER THEY BECOME CLOGGED OR INOPERABLE.
  4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS.
  5. THE CONTRACTOR MUST CONTROL DUST DURING CONSTRUCTION. DURING EARTHWORK OPERATIONS, WATER-SPREADING EQUIPMENT SHALL BE PROVIDED BY THE CONTRACTOR, AND SPREAD WATER AS NECESSARY AND AS DIRECTED BY THE OWNER IN ORDER TO CONTROL DUST.
  6. DIRT OR DEBRIS LEFT ON LOCAL PUBLIC ROADS AS A RESULT OF THIS CONSTRUCTION PROJECT SHALL BE REMOVED AND ROAD SURFACES CLEANED BY THE CONTRACTOR ON A DAILY BASIS.
  7. ALL DISTURBED AREAS (EXCEPT AREAS TO BE PAVED OR BUILT UPON) SHALL BE TOPSOILED TO A MINIMUM 4" DEPTH AND SEEDED IMMEDIATELY AFTER FINE GRADING TAKES PLACE AND AS SOON AS PHYSICALLY POSSIBLE.
  8. THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF DOWNSTREAM STORM SEWERS, DITCHES, AND CULVERTS. SILT BUILDUP FOUND TO BE A RESULT OF THIS SITE CONSTRUCTION WORK SHALL BE REMOVED FROM DOWNSTREAM CULVERTS BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER OR THE TOWN/CITY.
  9. ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES AND MATERIALS SHALL BE IN PLACE PRIOR TO BEGINNING EARTHWORK OPERATIONS AND SHALL BE MAINTAINED UNTIL THE NEW SLOPES ARE STABILIZED WITH SEEDING AND/OR SLOPE PROTECTION, AS DIRECTED BY THE ENGINEER.
  10. INSTALL TEMPORARY SILT SOCK AROUND THE BASE OF STOCKPILES. STOCKPILES NOT BEING ACTIVELY USED FOR MORE THAN SEVEN (7) DAYS SHALL BE STABILIZED.
  11. THE PROFESSIONAL CERTIFYING COMPLIANCE TO NYSDEC PHASE II STORMWATER REGULATION REQUIREMENTS MUST INSPECT AT A MINIMUM WEEKLY, AND WHEN DISTURBING MORE THAN 5 ACRES TWICE A WEEK, AND SHALL PROVIDE THESE INSPECTION REPORT WITH A WRITTEN CERTIFICATION OF CONSTRUCTION COMPLIANCE TO THE TOWN OF AMHERST (BI)WEEKLY.
  12. THE ENGINEER OF RECORD FOR THIS PROJECT CERTIFIES THAT THESE DESIGN PLANS MEET THE REQUIREMENTS AND ARE IN COMPLIANCE WITH THE NEW YORK STORMWATER MANAGEMENT DESIGN MANUAL AND NYSDEC PHASE II STORMWATER REGULATION REQUIREMENTS.

- RESTORATION NOTES**
1. THE ADJACENT AREAS DISTURBED OR DAMAGED DURING CONSTRUCTION MUST BE RESTORED IN KIND TO THE SATISFACTION OF THE OWNER.
  2. WHEN RESTORING LAWN AREAS ADJACENT TO NEW CONSTRUCTION, ON-SITE MATERIAL MAY BE USED TO BACKFILL THE AREA WITHIN SIX INCHES OF THE FINISHED SURFACE. ON-SITE MATERIAL SHALL BE THOROUGHLY COMPACTED & FREE OF GRASS CLUMPS, TREE ROOTS, PIECES OF ASPHALT & OTHER EXTRANEOUS MATERIALS, & STONES LARGER THAN 1" INCH IN SIZE.
  3. ALL DISTURBED UN-SURFACED AREAS SHALL RECEIVE FOUR INCHES OF TOPSOIL, SEED & MULCH & SHALL BE WATERED UNTIL A HEALTHY STRAND OF GRASS IS OBTAINED.
  4. WHEN ADJACENT ASPHALT, CONCRETE OR PAVING STONE AREAS ARE DISTURBED AS PART OF THE CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO REPLACE THE DAMAGED OR EXCAVATED AREA. THE PERIMETER OF THE DISTURBED AREA SHALL BE SAW CUT FULL DEPTH, SO THAT ALL LINES ARE STRAIGHT & TRUE. PAVING STONES SHALL BE REPLACED IN WHOLE UNITS ONLY, & ALL REPLACEMENT PAVING STONES ARE TO MATCH THE EXISTING ONES IN SIZE, SHAPE & COLOR. ASPHALT SHALL BE COMPACTED TO A SMOOTH FINISH & SHALL BE FLUSH WITH THE EXISTING ADJACENT AREA THAT IS TO REMAIN.
- GENERAL NOTES**
1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF AMHERST SPECIFICATIONS WHERE APPLICABLE AND/OR SUBJECT TO THE LATEST REVISIONS BY THE TOWN ENGINEER.
  2. ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL LOCATIONS BEFORE BEGINNING WORK AS REQUIRED BY APPLICABLE LAWS & REGULATIONS.
  3. ALL FILL WITHIN THE RIGHT-OF-WAY & UTILITY AREAS IS TO BE COMPACTED TO 95% MOD-PROCTOR, BENCHED IN 6' LIFTS, & TO BE COMPLETED PRIOR TO UTILITY & ROADWAY CONSTRUCTION.
  4. STUMPS & BRUSH SHALL NOT BE BURIED IN THE TOWN.
  5. ANY AREAS NOT REQUIRING FILL OR RE-GRADING SHALL NOT BE STRIPPED OF TOPSOIL.
  6. ALL AREAS THAT HAVE BEEN STRIPPED ARE TO RECEIVE A MINIMUM OF 4-INCHES OF TOPSOIL, GRADED & SEEDED.
  7. NO TOPSOIL IS TO LEAVE THE SITE AFTER THE TOWN RECEIVES DEDICATION.

NOTE: INSTALL PROPOSED DETENTION BASIN. REMOVE SILT BUILD UP TO DESIGN GRADES UPON COMPLETION OF CONSTRUCTION

INSTALLATION OF BIORETENTION SOIL SHALL NOT OCCUR UNTIL THE TRIBUTARY AREA IS STABILIZED. INSTALL ADDITIONAL SILT FENCE/SILT SOCK AROUND BIORETENTION AREA AS REQUIRED TO PREVENT SILT/TOPSOIL FROM ENTERING THE BIORETENTION AREA.

INSTALL TEMPORARY SILT SOCK TO LIMITS SHOWN. CONTRACTOR TO MAINTAIN UNTIL SOIL IS STABILIZED, TYP.

REMOVE EX. METAL GATE

REMOVE EX. POST AND RAIL FENCE

ABANDON EXISTING SEPTIC SYSTEM PER TOWN & NYSDEC REQUIREMENTS

ABANDON EXISTING WATER LATERAL PER TOWN & ECWA REQUIREMENTS

EX. DRIVEWAY TO BE USED AS CONSTRUCTION ENTRANCE ONLY UNTIL DRIVEWAY IS NO LONGER OPERABLE DUE TO SEQUENCE OF CONSTRUCTION. THEN CONTRACTOR SHALL INSTALL A NEW STABILIZED CONSTRUCTION ENTRANCE AS NECESSARY. LOCATION TO BE COORD. IN FIELD. EX. CULVERT TO REMAIN.

MILLERSPORT (130' WIDE) HIGHWAY N.Y. RTE. 263

# DEMOLITION & EROSION CONTROL PLAN

SCALE: 1"=30'

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

REVISIONS:

| No. | Description            | Date       |
|-----|------------------------|------------|
| 1   | Rev. Per Town Comments | 03/21/2025 |



TOWN OF AMHERST APPROVAL BOX:

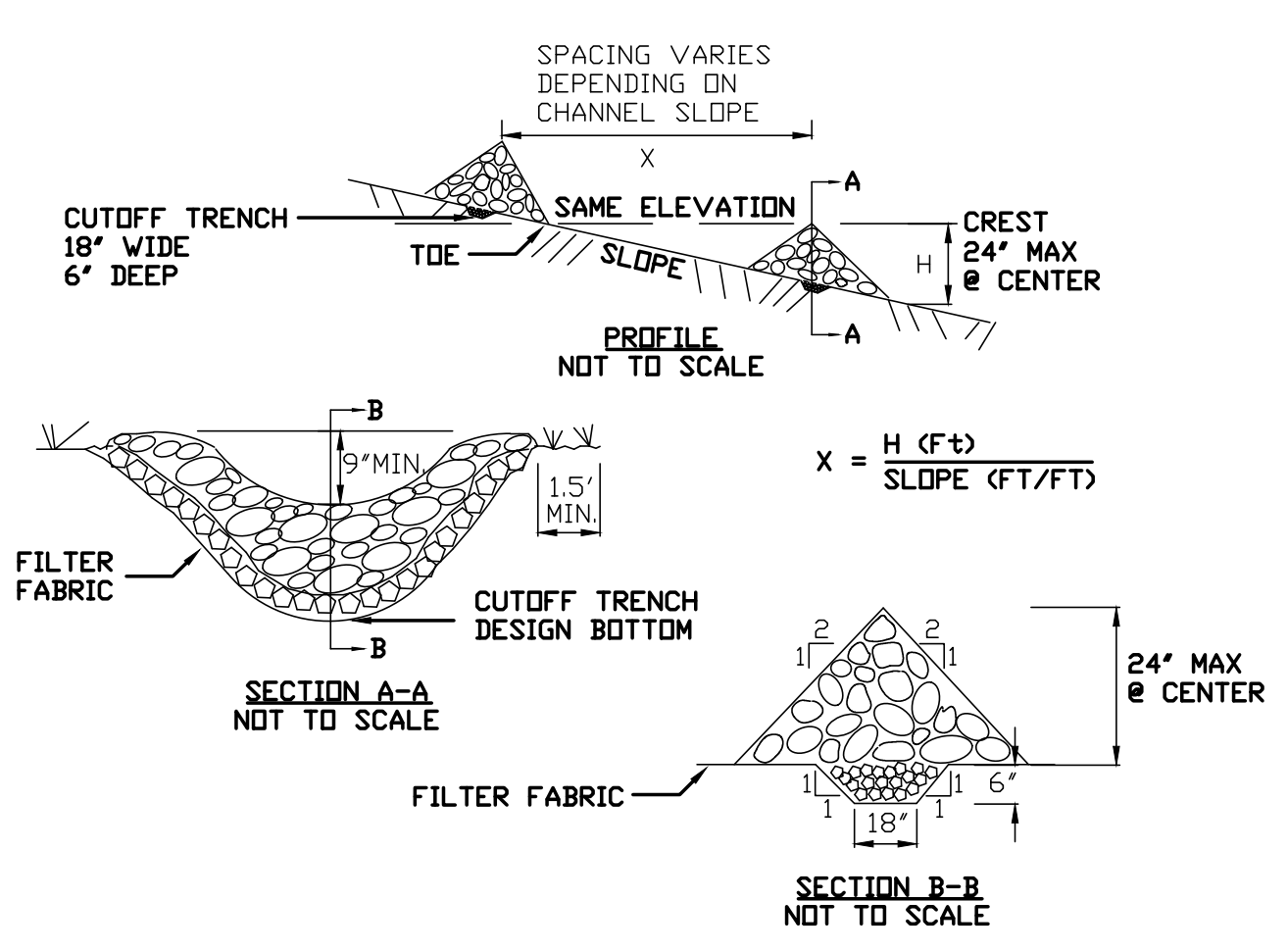
DRAWING NAME:  
**Demolition & Erosion Control Plan**

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

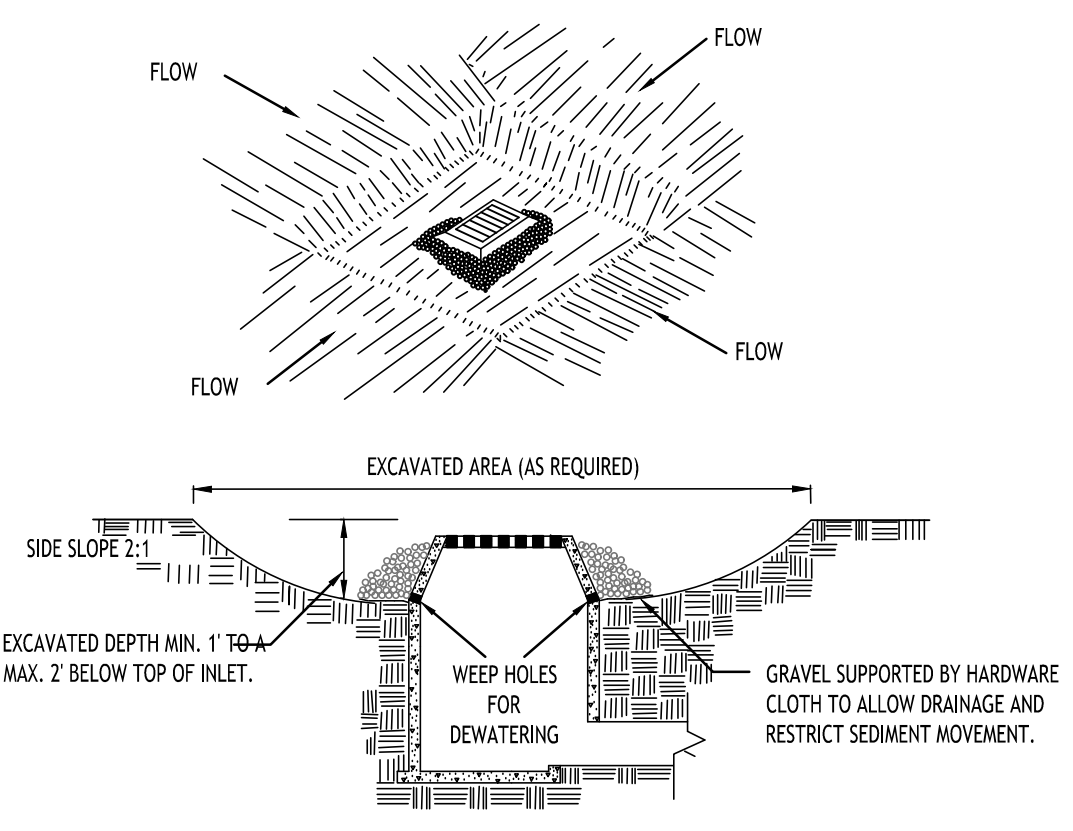
DRAWING NO.  
**C-001**  
Project No: 24.4019

All Rights Reserved. Reuse of these documents without the expressed written permission of CARMINA WOOD DESIGN is prohibited. WARNING: It is a violation of article 45 of the New York State Education Law to reproduce or transmit any part of this drawing, in altered form, by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written consent of CARMINA WOOD DESIGN. The date, the name, the title, the signature, the date, the location, altered by and a specific description of the alteration, shall be noted on this drawing. If altered such R.A., P.E. or L.L.S. shall affix his or her seal, signature, the date, the location, altered by and a specific description of the alteration.

© CARMINA WOOD DESIGN

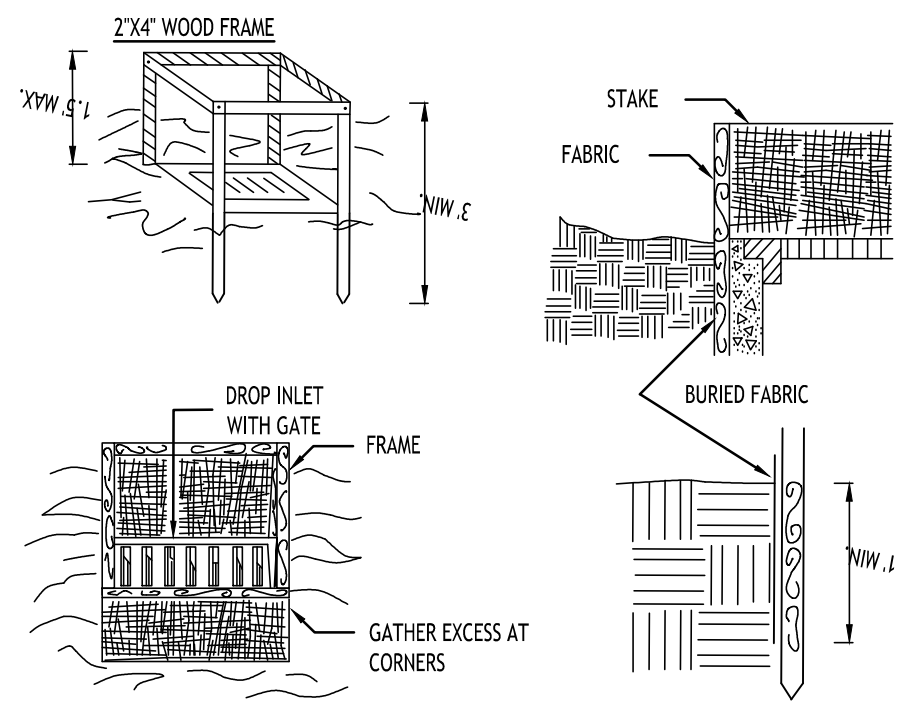


- ### CONSTRUCTION SPECIFICATIONS
- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
  - SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TDE OF THE UPSTREAM DAM.
  - EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
  - PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
  - 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.



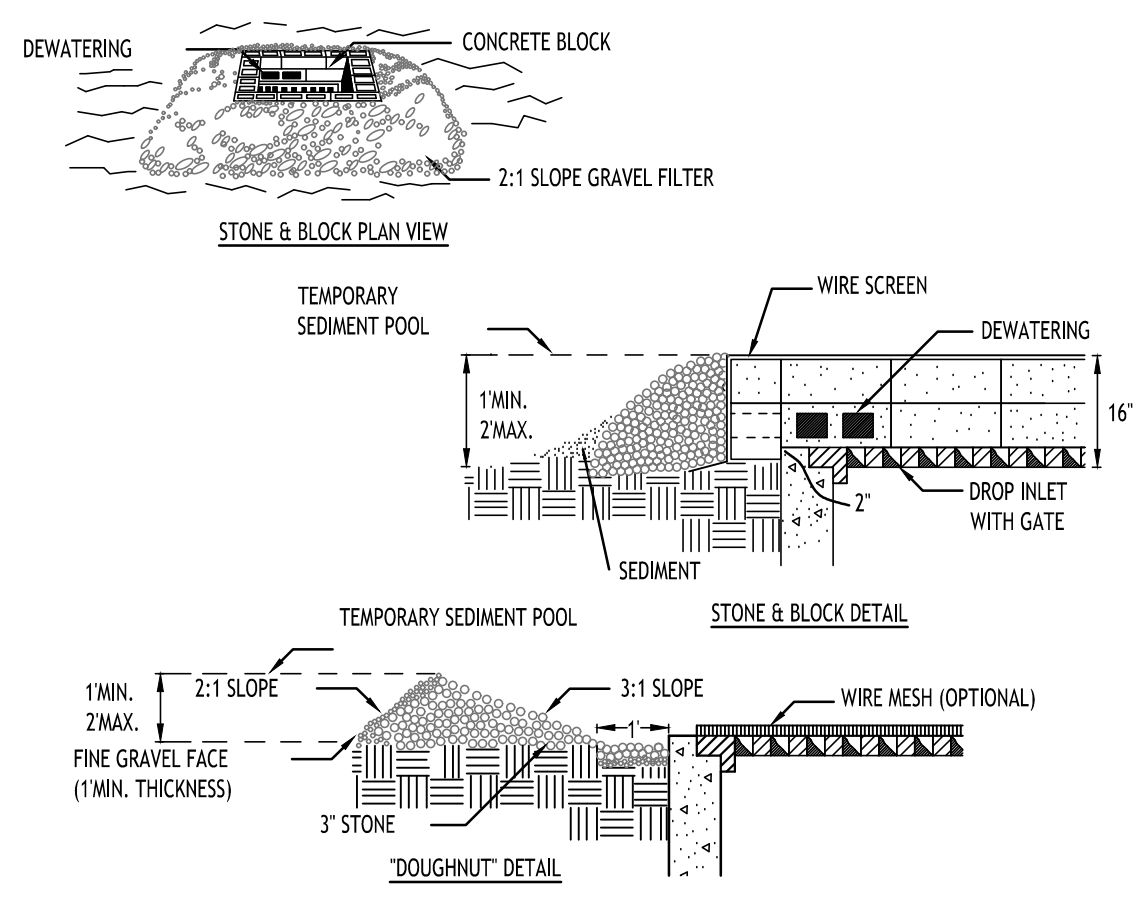
- ### CONSTRUCTION SPECIFICATIONS
- CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
  - GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
  - WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
  - UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.
- MAXIMUM DRAINAGE AREA 1 ACRE

**INLET PROTECTION DETAIL 1**  
NOT TO SCALE



- ### CONSTRUCTION SPECIFICATIONS
- FILTER FABRIC SHALL HAVE AN EGS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
  - CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
  - STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
  - SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
  - FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
  - A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
- MAXIMUM DRAINAGE AREA 1 ACRE

**INLET PROTECTION DETAIL 2**  
NOT TO SCALE

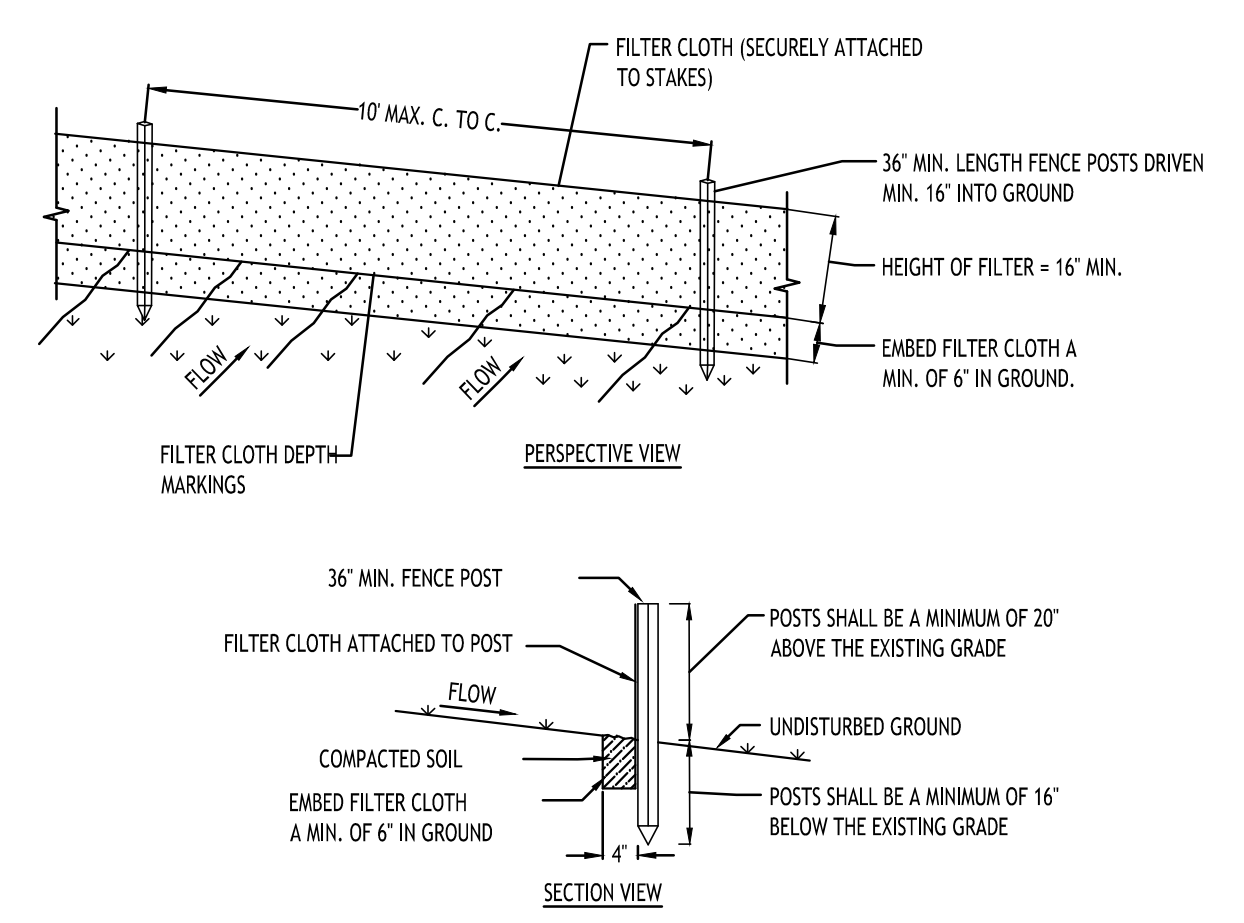


- ### CONSTRUCTION SPECIFICATIONS
- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
  - HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
  - USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
  - FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS.
- MAXIMUM DRAINAGE AREA 1 ACRE

**INLET PROTECTION DETAIL 3**  
NOT TO SCALE

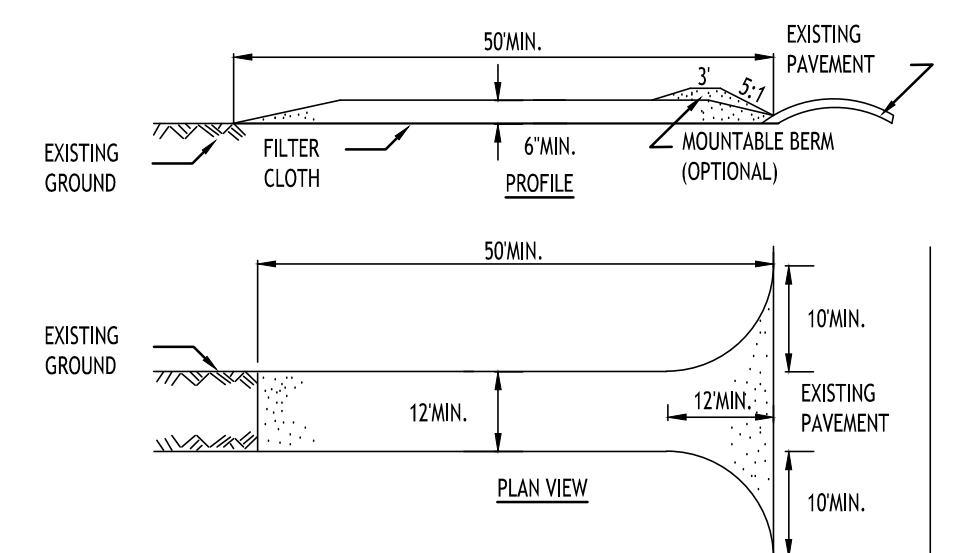
NOTE: INSTALL ONE OF THE INLET PROTECTION OPTIONS SHOWN PRIOR TO CONSTRUCTION

**STONE CHECK DAM DETAIL**  
NOT TO SCALE



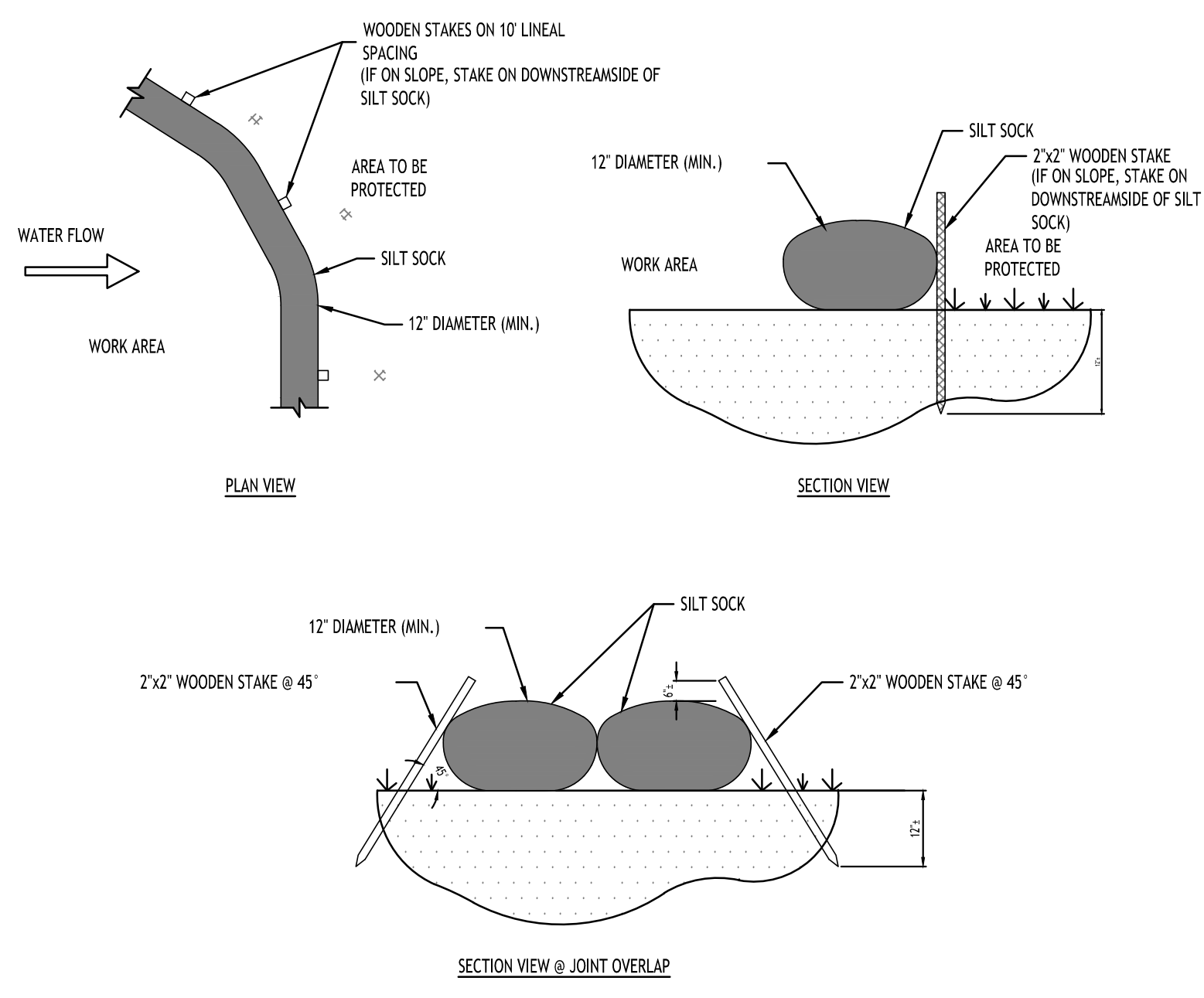
- ### CONSTRUCTION SPECIFICATIONS
- WOVEN FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
  - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
  - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

**SILT FENCE DETAIL**  
NOT TO SCALE



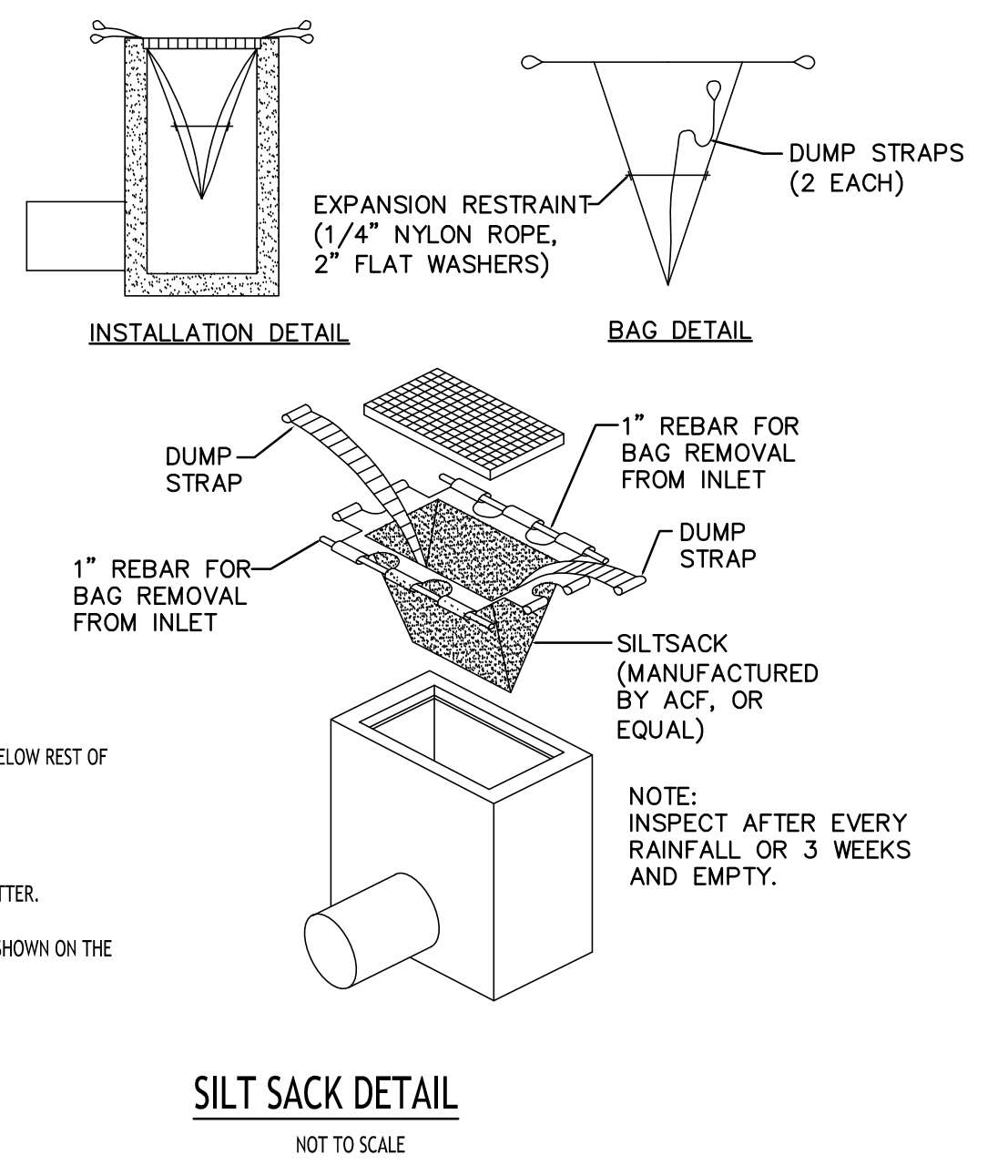
- ### CONSTRUCTION SPECIFICATIONS
- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
  - LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
  - THICKNESS - NOT LESS THAN SIX (6) INCHES.
  - WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
  - FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
  - 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.
  - 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 TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
  - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
  - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**STABILIZED CONSTRUCTION ENTRANCE DETAIL**  
NOT TO SCALE

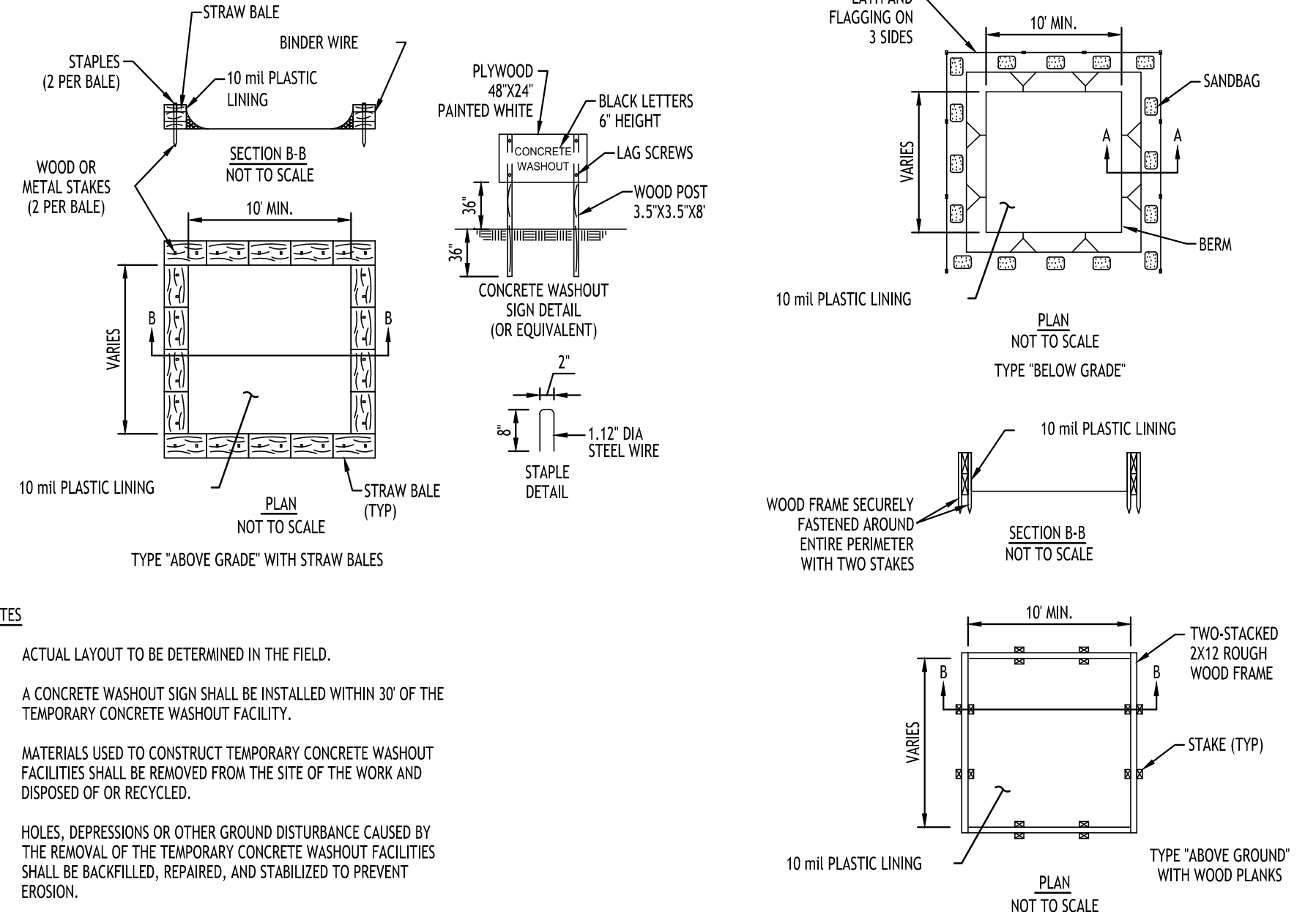


- ### CONSTRUCTION SPECIFICATIONS
- ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD.
  - A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
  - MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF OR RECYCLED.
  - HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED, REPAIRED, AND STABILIZED TO PREVENT EROSION.
- CONTRACTOR SHALL REMOVE SEDIMENT COLLECTED AT THE BASE OF THE SILT SOCK WHEN IT HAS REACHED 1/2 OF THE EXPOSED HEIGHT OF THE SILT SOCK. ALTERNATIVELY, RATHER THAN CREATE A SOIL DISTURBING ACTIVITY, THE ENGINEER MAY CALL FOR ADDITIONAL SILT SOCK TO BE ADDED AT AREAS OF HIGH SEDIMENTATION, PLACED IMMEDIATELY ON TOP OF THE EXISTING SEDIMENT LADEN SILT SOCK.
- SILT SOCK SHALL BE OVERLAPPED 12" AT JOINTS AND STAKED ON EACH SIDE OF THE SOCK AT A 45° ANGLE

**SILT SOCK DETAIL**  
NOT TO SCALE



**SILT SACK DETAIL**  
NOT TO SCALE



**CONCRETE WASHOUT DETAIL**  
NOT TO SCALE

**TOWN OF AMHERST APPROVAL BOX:**

**DRAWING NAME:**  
Demolition & Erosion Control Details

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

**DRAWING NO.:**  
**C-002**

Project No: 24.4019

**CARMINA WOOD DESIGN**  
Buffalo | Utica | Greensboro

**Proposed Warehouse Building**  
5500 Millersport Highway  
Amherst, New York

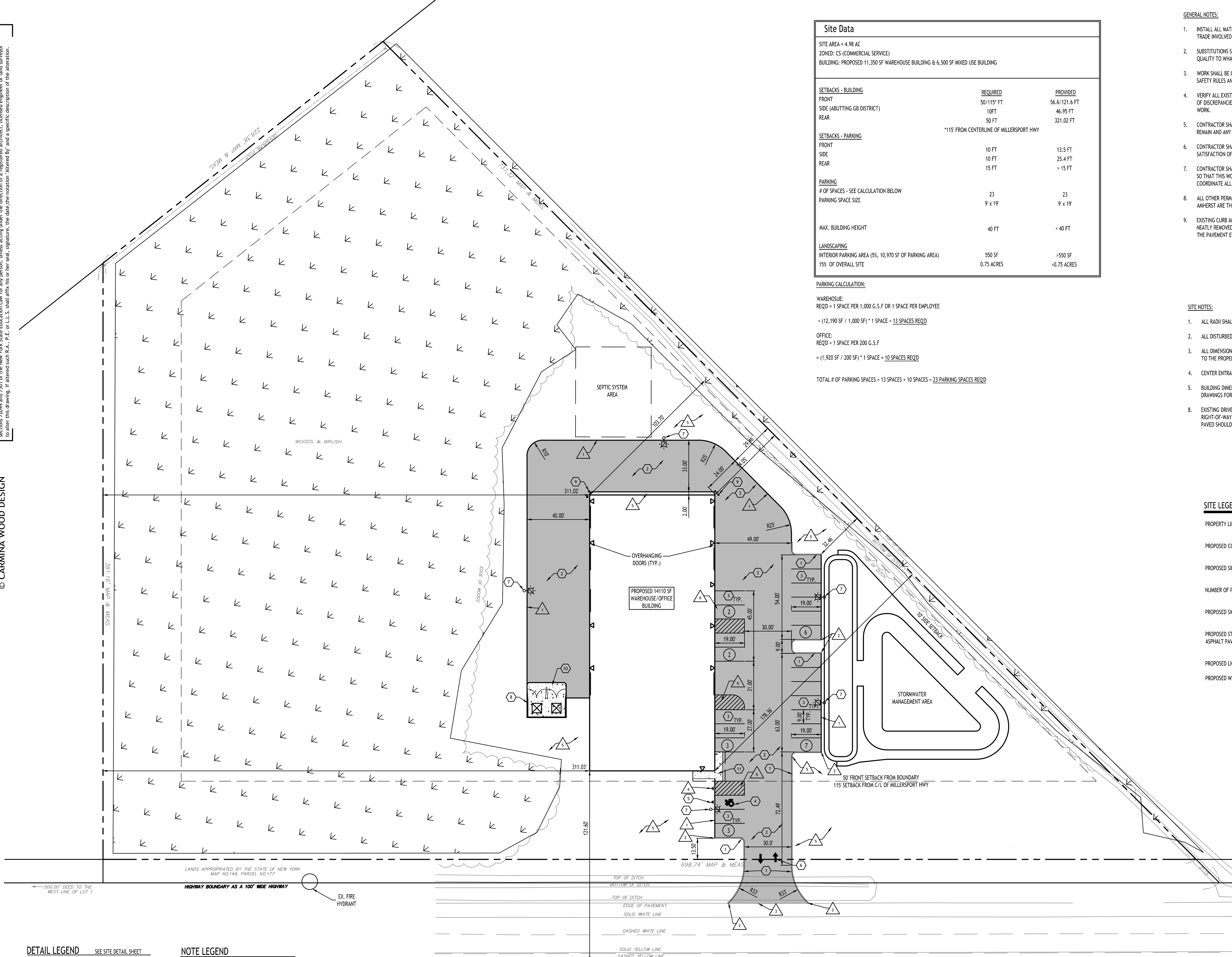
|                        |      |            |
|------------------------|------|------------|
| REVISIONS:             | Date | 03/21/2025 |
| No. Description        |      |            |
| Rev. Per Town Comments |      |            |



Shared 03/20/2025

All Rights Reserved. Reuse of these documents without the expressed written permission of CARMINA WOOD DESIGN is prohibited. Warning: It is a violation of article 45 of the New York State Education Law that any person who reproduces, copies, or in any way disseminates these documents, or any part thereof, or who attempts to alter this drawing, or who allows another person to do so, shall be liable for damages. The date, the signature, the date the signature was made, and the date the signature was made shall be a specific description of the alteration.

© CARMINA WOOD DESIGN



| Site Data   |            |               |
|---|------------|---------------|
| SITE AREA = 4.98 AC   |            |               |
| ZONED: C5 (COMMERCIAL SERVICE)  |            |               |
| BUILDING: PROPOSED 11,350 SF WAREHOUSE BUILDING & 6,500 SF MIXED USE BUILDING |            |               |
| SETBACKS - BUILDING   |            |               |
| FRONT   | 50/115' FT | 56.6/121.6 FT |
| SIDE (ABUTTING GB DISTRICT)   | 10FT       | 46.95 FT      |
| REAR  | 50 FT      | 321.02 FT     |
| 115' FROM CENTERLINE OF MILLERSPORT HWY                                       |            |               |
| SETBACKS - PARKING  |            |               |
| FRONT   | 10 FT      | 13.5 FT       |
| SIDE  | 10 FT      | 25.4 FT       |
| REAR  | 15 FT      | > 15 FT       |
| PARKING   |            |               |
| # OF SPACES - SEE CALCULATION BELOW   | 23         | 23            |
| PARKING SPACE SIZE  | 9 x 19     | 9 x 19        |
| MAX. BUILDING HEIGHT  | 40 FT      | < 40 FT       |
| LANDSCAPING   |            |               |
| INTERIOR PARKING AREA (5%, 10,970 SF OF PARKING AREA)                         | 550 SF     | >550 SF       |
| 15% OF OVERALL SITE   | 0.75 ACRES | >0.75 ACRES   |

**PARKING CALCULATION:**

WAREHOUSE:  
REQD = 1 SPACE PER 1,000 G.S.F OR 1 SPACE PER EMPLOYEE  
= (12,190 SF / 1,000 SF) \* 1 SPACE = 13 SPACES REQD

OFFICE:  
REQD = 1 SPACE PER 200 G.S.F  
= (1,920 SF / 200 SF) \* 1 SPACE = 10 SPACES REQD

TOTAL # OF PARKING SPACES = 13 SPACES + 10 SPACES = 23 PARKING SPACES REQD

- GENERAL NOTES:**
- INSTALL ALL MATERIALS TO MANUFACTURER'S RECOMMENDATIONS AND BEST STANDARDS OF TRADE INVOLVED.
  - SUBSTITUTIONS SHALL BE MADE ONLY WITH OWNER'S APPROVAL AND BE OF EQUIVALENT QUALITY TO WHAT IS SPECIFIED.
  - WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND OSHA SAFETY RULES AND REGULATIONS.
  - VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE SITE. NOTIFY OWNER & ENGINEER OF DISCREPANCIES IN CONDITIONS SHOWN ON DRAWINGS PRIOR TO PROCEEDING WITH THE WORK.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ANY EXISTING STRUCTURES TO REMAIN AND ANY FINISH MATERIAL INSTALLED WHILE WORKING ON OTHER COMPONENTS.
  - CONTRACTOR SHALL KEEP JOB FREE OF DEBRIS AND MAKE FINAL CLEANUP TO SATISFACTION OF OWNER.
  - CONTRACTOR SHALL ASCERTAIN THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION SO THAT THIS WORK WILL NOT DISTURB EXISTING LINES AND/OR INSTALLATIONS. COORDINATE ALL WORK WITH THE APPLICABLE UTILITY COMPANIES.
  - ALL OTHER PERMITS REQUIRED BY STATE OF NEW YORK, COUNTY OF ERIE, AND TOWN OF AMHERST ARE THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER/OWNER.
  - EXISTING CURB AND REMOVAL OF EXISTING ENTRANCE SHALL BE SAW CUT FULL-DEPTH AND NEATLY REMOVED FROM THE BACKSIDE. EXISTING PAVEMENT SHALL NOT BE DISTURBED AND THE PAVEMENT EDGE SHALL BE USED AS FORM FOR PLACING NEW CURB.

- SITE NOTES:**
- ALL RADI SHALL BE 3'-0" UNLESS OTHERWISE NOTED.
  - ALL DISTURBED AREAS; SHALL HAVE 4" MIN. OF TOPSOIL AND SEED.
  - ALL DIMENSIONS FROM PROPERTY LINES SHALL BE MEASURED PERPENDICULAR TO THE PROPERTY LINE.
  - CENTER ENTRANCE SIDEWALKS ON DOOR OPENINGS.
  - BUILDING DIMENSIONS ARE APPROXIMATE, REFER TO ARCHITECTURAL DRAWINGS FOR LAYOUT DIMENSIONS.
  - EXISTING DRIVEWAY APRONS WITHIN THE MILLERSPORT HIGHWAY RIGHT-OF-WAY WILL BE REMOVED AND RESTORED/REPLANTED BETWEEN THE PAVED SHOULDER AND THE ROW LINE.

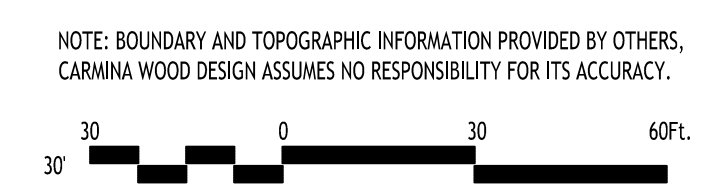
**SITE LEGEND**

|   |      |
|---|------|
| PROPERTY LINE                           | ---  |
| PROPOSED CONCRETE CURB                  | ==== |
| PROPOSED SIDEWALK / CONCRETE PAD        | ▨    |
| NUMBER OF PARKING SPACES                | (23) |
| PROPOSED SIGN                           | ▲    |
| PROPOSED STANDARD DUTY ASPHALT PAVEMENT | ▨    |
| PROPOSED LIGHT POLE                     | ⊙    |
| PROPOSED WALL MOUNTED LIGHT             | ⊙    |

- DETAIL LEGEND** SEE SITE DETAIL SHEET
- TYPE "A" CONCRETE CURB
  - STANDARD DUTY ASPHALT
  - 90° PARKING STALL
  - HANDICAPPED PAVEMENT MARKINGS
  - HANDICAPPED PARKING SIGN
  - PAINTED TRAFFIC ARROWS
  - LIGHT POLE FOUNDATION
  - DUMPSTER ENCLOSURE
  - PIPE BOLLARDS
  - EXTERIOR CONCRETE SLAB-ON-GRADE
  - 5' WIDE CONCRETE SIDEWALK

- NOTE LEGEND**
- EDGE OF PAVEMENT
  - RUNOUT CURB IN 2' OR MATCH EXISTING CURB
  - SAWCUT LINE, MATCH EXISTING EDGE OF PAVEMENT
  - INSTALL "NO PARKING" SIGN, M.U.T.C.D. SIGN NO. P1-1C
  - LANDSCAPED AREA - SEE LANDSCAPE PLAN, IF NO PLANTINGS, INSTALL TOPSOIL & SEED
  - 4" WIDE WHITE PAVEMENT STRIPES @ 2' O.C. & @ 45° TO PARKING LINES

**Site Plan**  
SCALE: 1"=30'



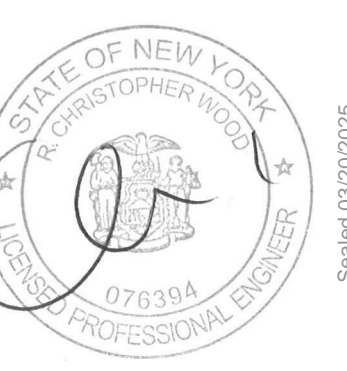
NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

**CARMINA WOOD**  
DESIGN  
Buffalo | Utica | Greensboro

**Proposed Warehouse Building**  
5500 Millersport Highway  
Amherst, New York

**REVISIONS:**

| No. | Description            | Date       |
|-----|------------------------|------------|
| 1   | Rev. Per Town Comments | 03/21/2025 |



**DRAWING NAME:**  
Site Plan  
Concept

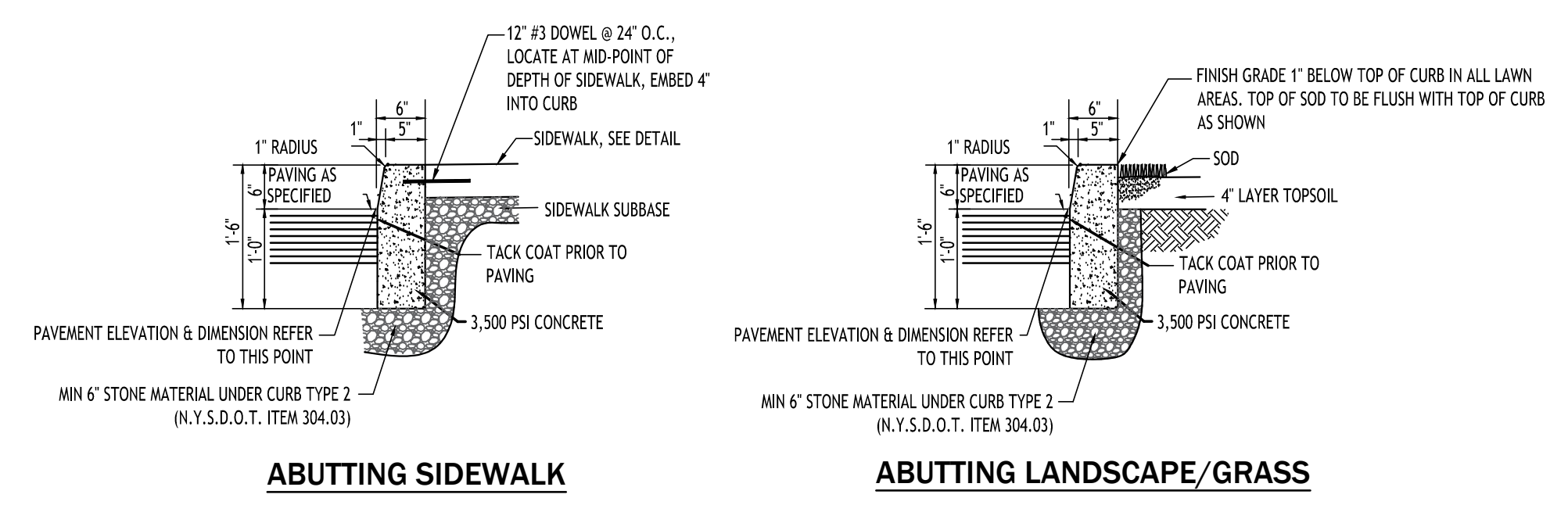
Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

**DRAWING NO.:**  
**C-100**  
Project No: 24.4019

TOWN OF AMHERST APPROVAL BOX:

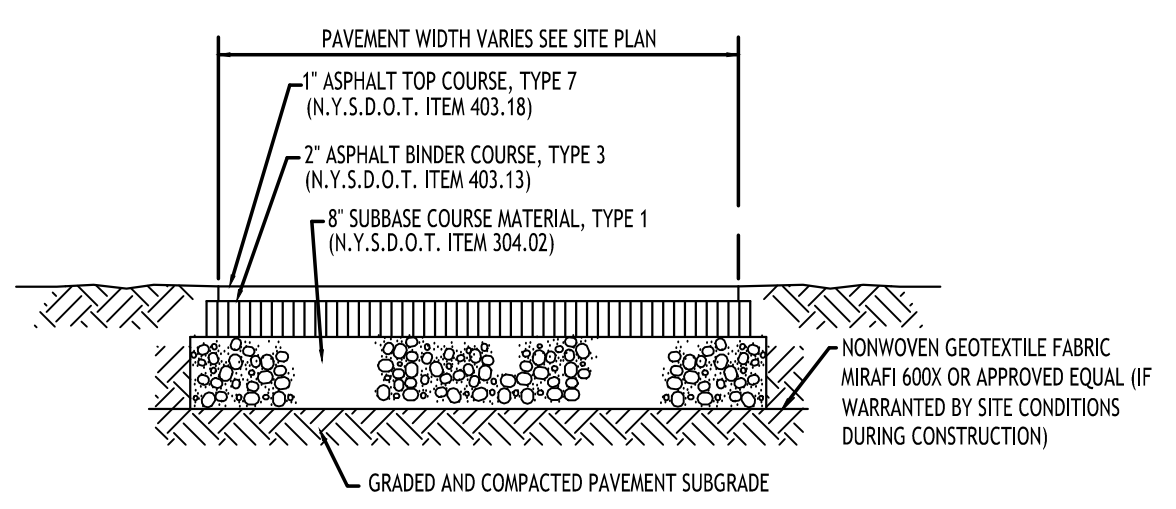
All rights reserved. Reuse of these documents without the expressed written permission of CARMINA WOOD DESIGN is prohibited. Warning it is a violation of article 45 of the New York State Education Law to alter this drawing. If altered such R.A., P.E. or L.L.S. shall affix his or her seal, signature, the date, the nature, altered by and a specific description of the alteration.

© CARMINA WOOD DESIGN



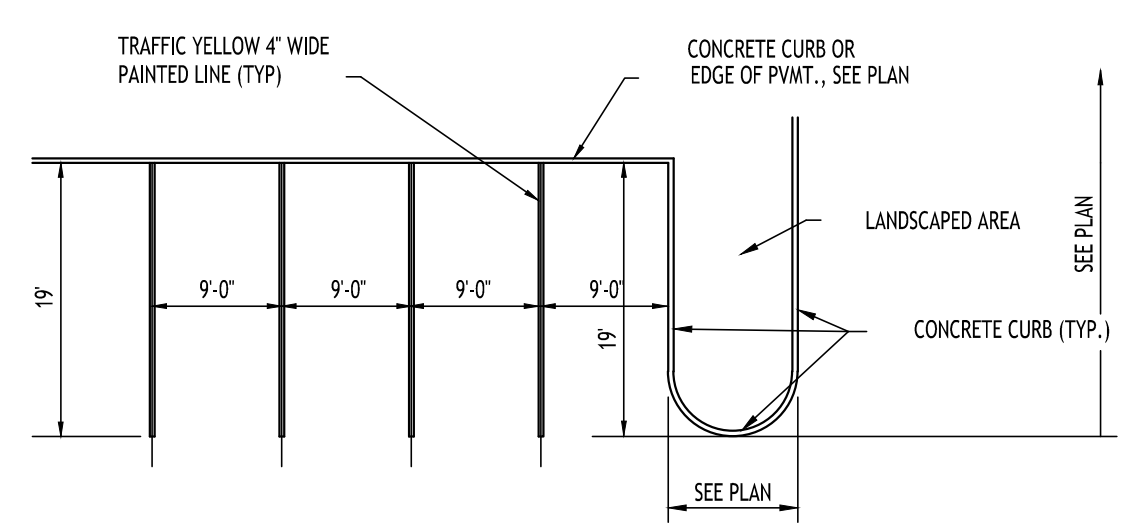
- NOTES:**
- CONTROL JOINTS TO BE 2' DEEP AT 15'-0" O.C. - SEE SPECIFICATIONS FOR FURTHER JOINT REQUIREMENTS NYSDOT 702-0700.
  - WHERE THE CURB DROPS (IS FLUSH WITH ASPHALT) THE DEPTH OF CURB BELOW GRADE SHALL BE INCREASED TO 1'-6" AND OTHER DIMENSIONS ADJUSTED ACCORDINGLY.

**TYPE "A" CONCRETE CURB - 1**

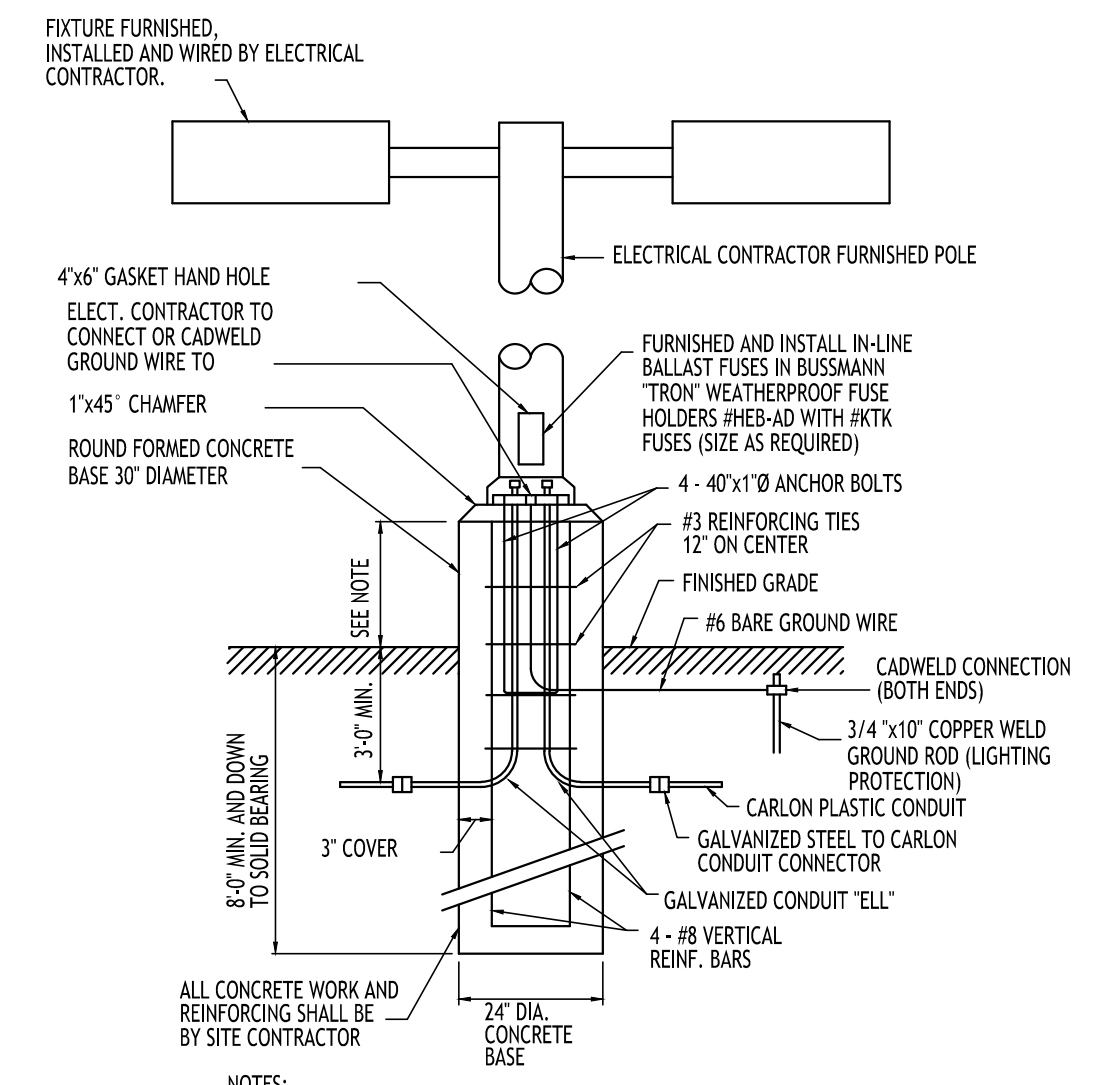


- NOTE:** CONSTRUCTION METHODS FOR ASPHALT PAVEMENT SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION 401-3, WITH SUBBASE CONSTRUCTION METHODS CONFORMING TO NYSDOT STANDARD SPECIFICATION 304-3.

**STANDARD DUTY ASPHALT SECTION - 2**

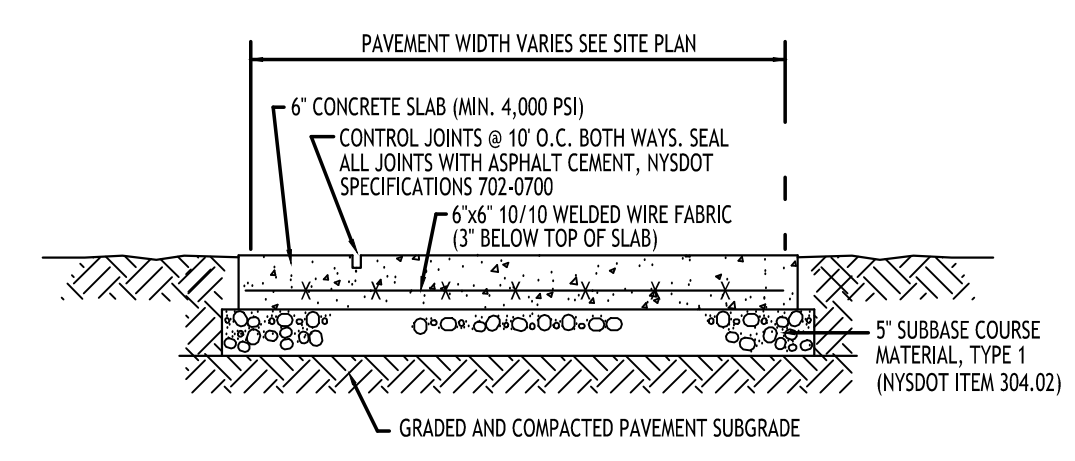


**90° PARKING STALL LAYOUT - 3**



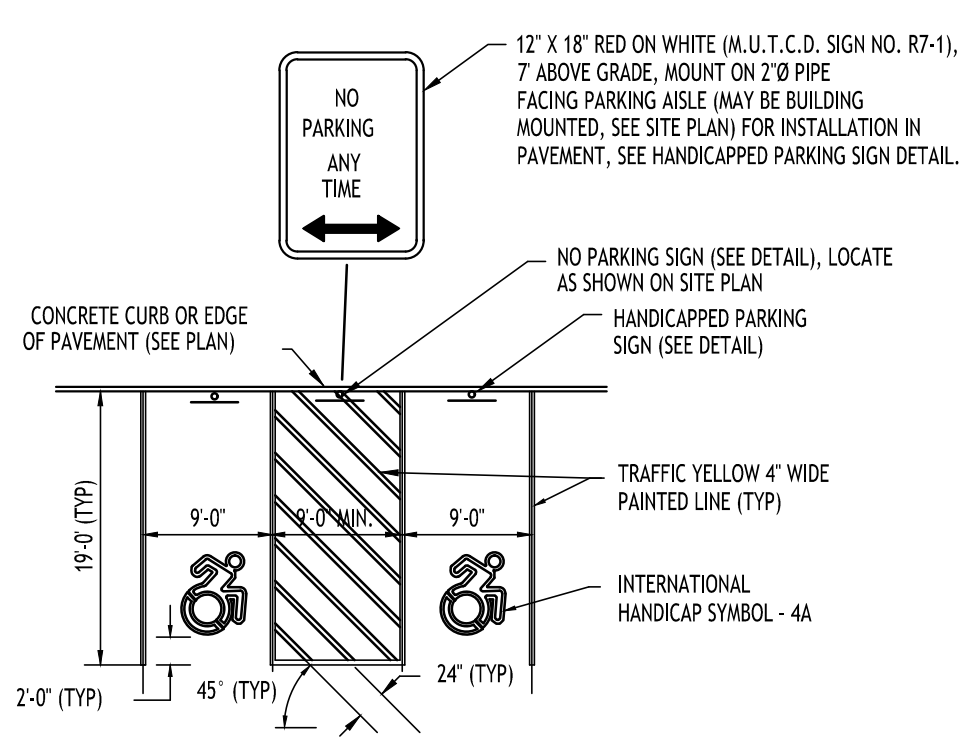
- NOTES:**
- FOR LOCATIONS OF FOUNDATIONS SEE SITE PLAN
  - FOR LIGHT FIXTURE ORDERING INFORMATION SEE SITE LIGHTING PLAN
  - LIGHTING FIXTURES SHALL BE A MAXIMUM OF 25 FEET IN HEIGHT WITHIN PARKING AND SHALL BE A MAXIMUM OF 15 FEET WITHIN NON-VEHICULAR PEDESTRIAN AREAS
  - LIGHT POLE BASE EXPOSURE ABOVE GRADE SHALL BE:  
IN CURBED ISLANDS: 6" ABOVE TOP OF CURB ELEVATION  
IN PAVEMENT: 30" ABOVE GRADE  
IN NON-CURBED GRASS AREAS: 6" ABOVE GRADE

**LIGHT POLE FOUNDATION - 7**

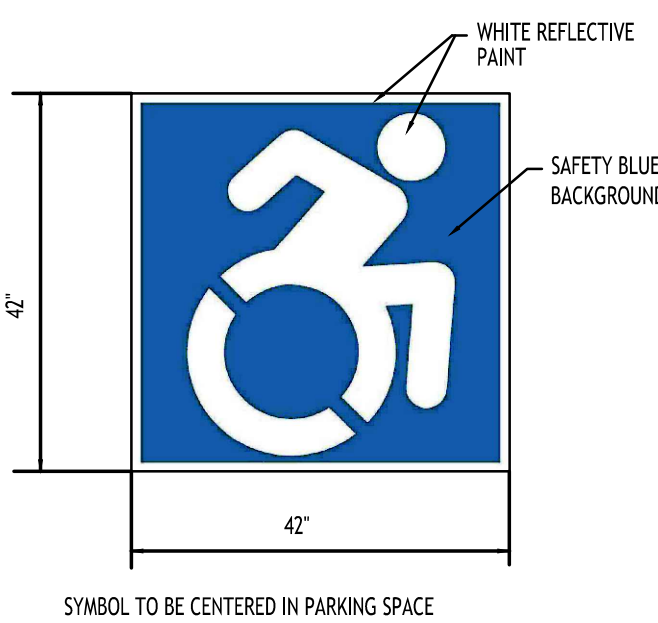


- NOTE:** CONCRETE PAVEMENT MATERIAL SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION 501 AND CONSTRUCTION METHODS SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION 502-3.

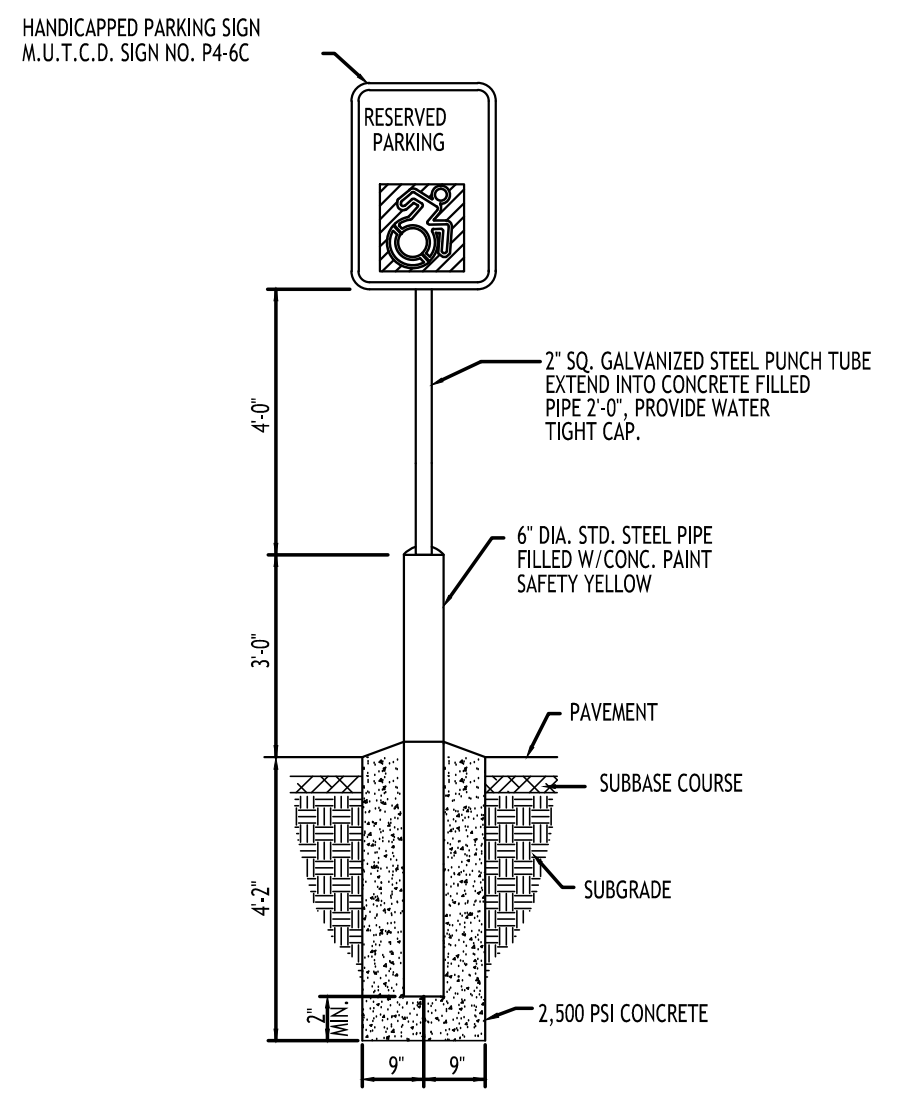
**EXTERIOR CONCRETE SLAB-ON-GRADE SECTION - 10**



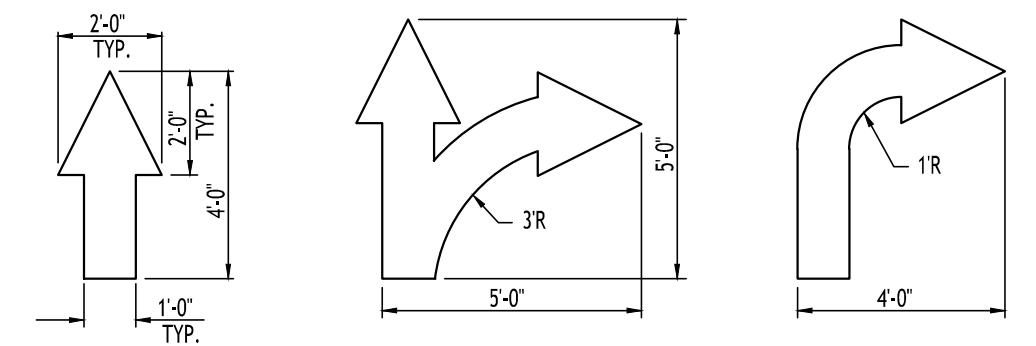
**HANDICAPPED PAVEMENT MARKINGS & SIGNAGE - 4**



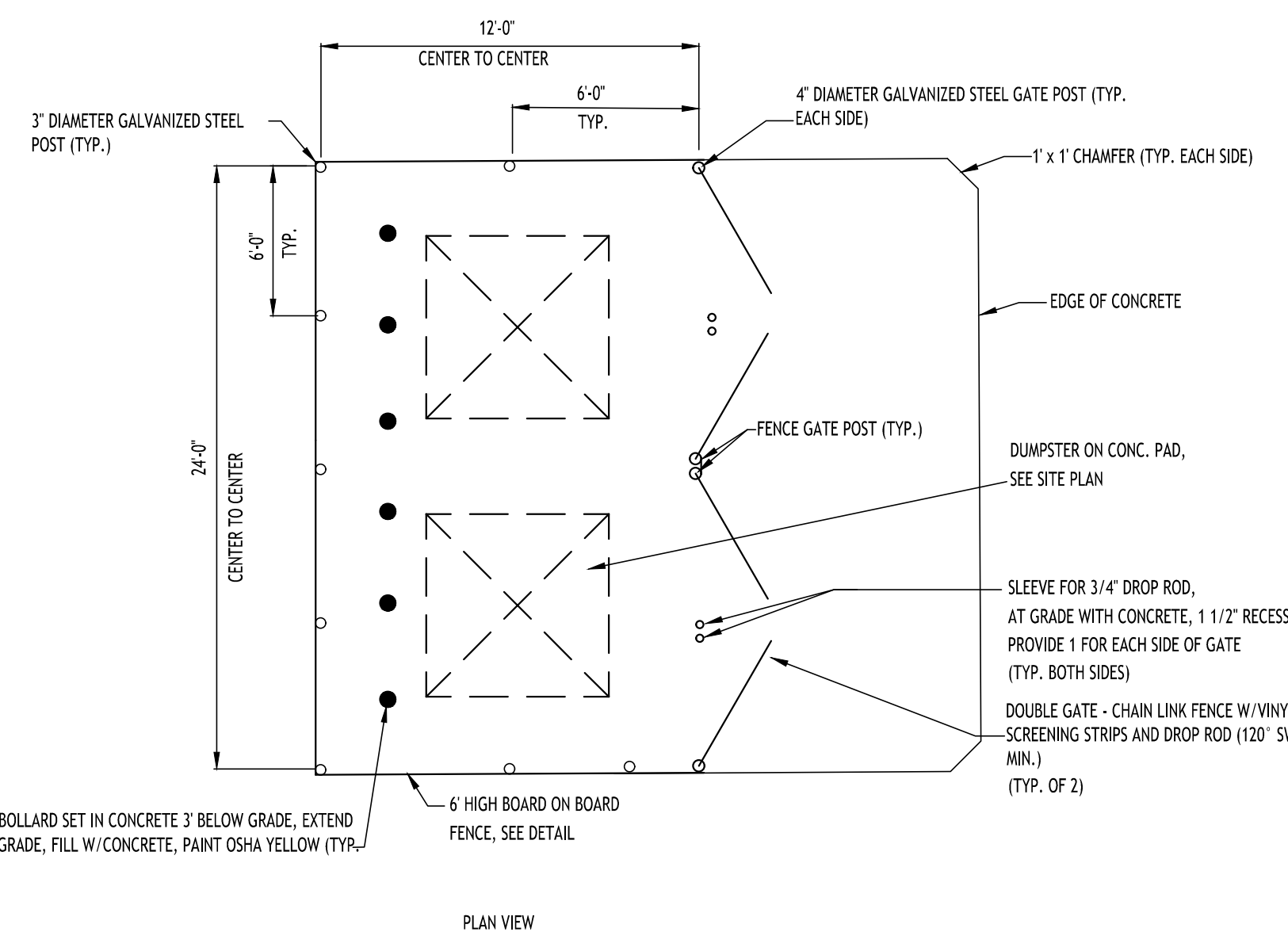
**INTERNATIONAL HANDICAP SYMBOL - 4A**



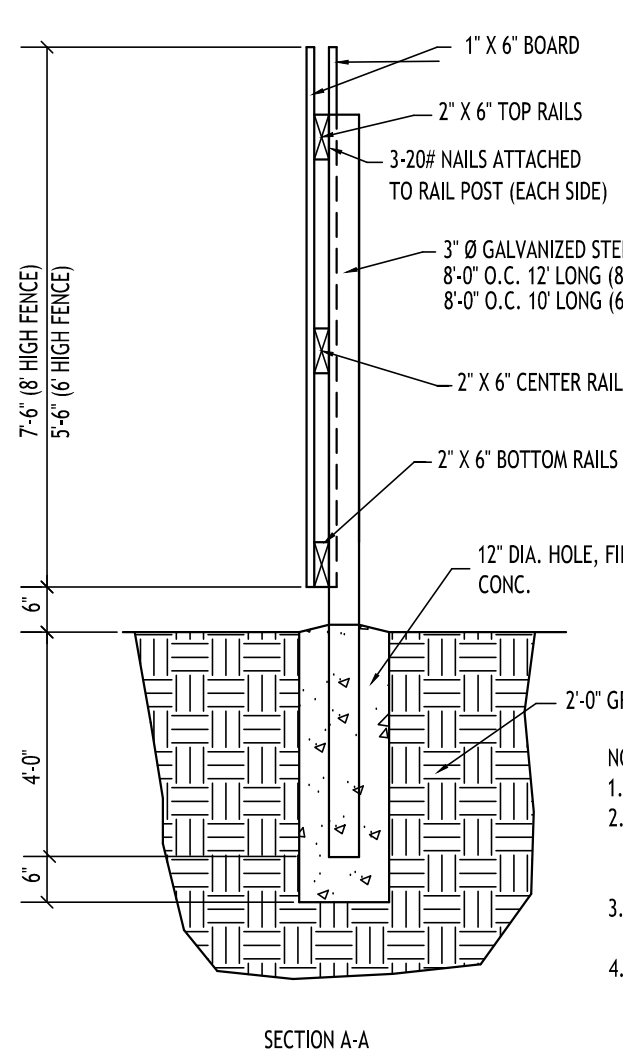
**HANDICAPPED PARKING SIGN - 5**



**PAINTED TRAFFIC ARROWS - 6**

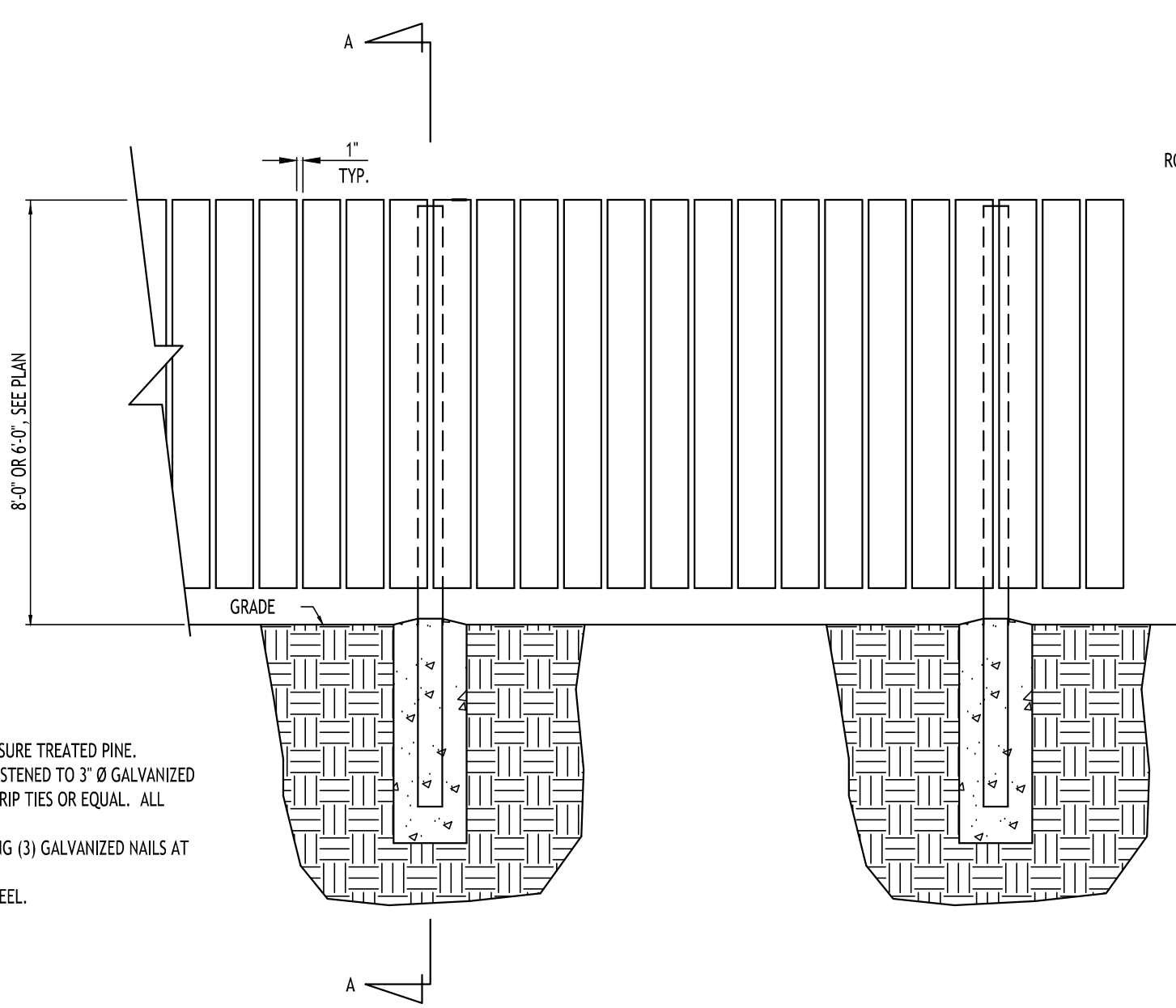


**DUMPSTER ENCLOSURE - 8**

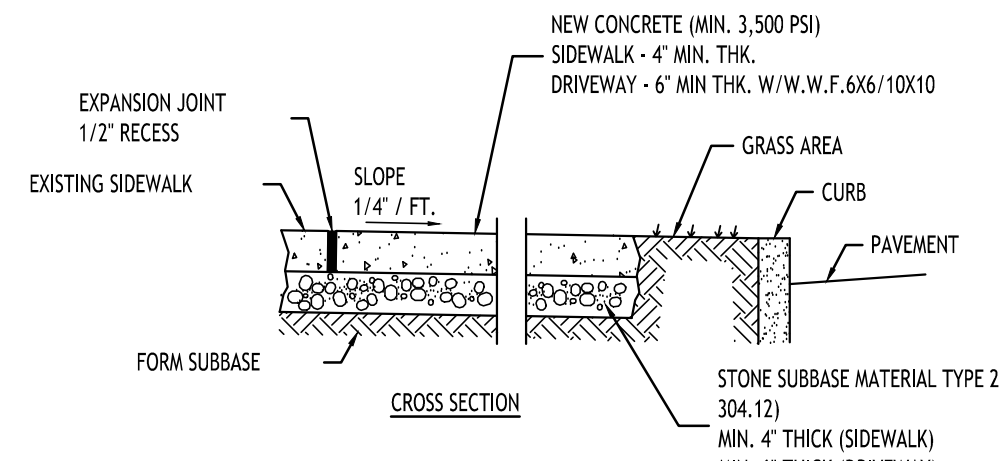


- NOTES:**
- ALL WOODEN FENCE MATERIAL TO BE PRESSURE TREATED PINE.
  - CENTER, BOTTOM AND TOP RAILS TO BE FASTENED TO 3" Ø GALVANIZED STEEL FENCE POSTS USING SIMPSON PIPE GRIP TIES OR EQUAL. ALL HARDWARE TO BE GALVANIZED.
  - ATTACH EACH 1" X 6" BOARD TO RAILS USING (3) GALVANIZED NAILS AT EACH RAIL LOCATION.
  - WOOD POSTS CAN BE SUBSTITUTED FOR STEEL.

**BOARD ON BOARD FENCE - FOR DUMPSTER ENCLOSURE**



**PIPE BOLLARD - 9**

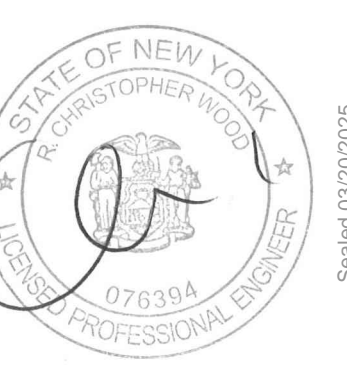


- NOTES:**
- CONTROL JOINTS TO BE AT 5'-0" O.C., BOTH WAYS WHERE APPLICABLE. SEE SPECIFICATIONS FOR FURTHER JOINT REQUIREMENTS NYSDOT 702-0700.
  - CONCRETE SIDEWALK AND DRIVEWAY MATERIAL SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION 501 AND CONSTRUCTION METHODS SHALL CONFORM TO NYSDOT STANDARD SPECIFICATION 608-3.
  - SUBBASE GRADE SHALL FOLLOW THE PROPOSED GRADE OF THE SIDEWALK AND SLOPE AWAY FROM BUILDING WHERE APPLICABLE. PROVIDE CONTINUOUS STONE PATH TO CURB UNDERDRAIN WHERE PROVIDED.
  - FULL DEPTH EXPANSION JOINTS SHALL BE INSTALLED EVERY 20' O.C., BOTH WAYS WHERE APPLICABLE. SEE SPECIFICATIONS FOR FURTHER JOINT REQUIREMENTS NYSDOT 702-0700.
  - SEE CURB DETAIL FOR DOWEL REQUIREMENTS WHERE ABUTTING CURB.
  - INSTALL 6" LONG #3 DOWELS @ 12" O.C. WHERE SIDEWALK ABUTS A BUILDING WALL AT AN ENTRANCE. THICKEN SIDEWALK TO 6" AT BUILDING WALL AND INSTALL DOWEL CENTERED IN THE 6" DEPTH. DOWELS AND THICKENING OF SIDEWALK SHALL EXTEND 18" EITHER SIDE OF ENTRANCE.
  - INSTALL 1/2" PREMOLDED EXPANSION JOINT WITH BACKER ROD & SEALANT WHERE SIDEWALK ABUTS BUILDING OR OTHER STRUCTURE.

**CONCRETE SIDEWALK - 11**

**TOWN OF AMHERST APPROVAL BOX:**

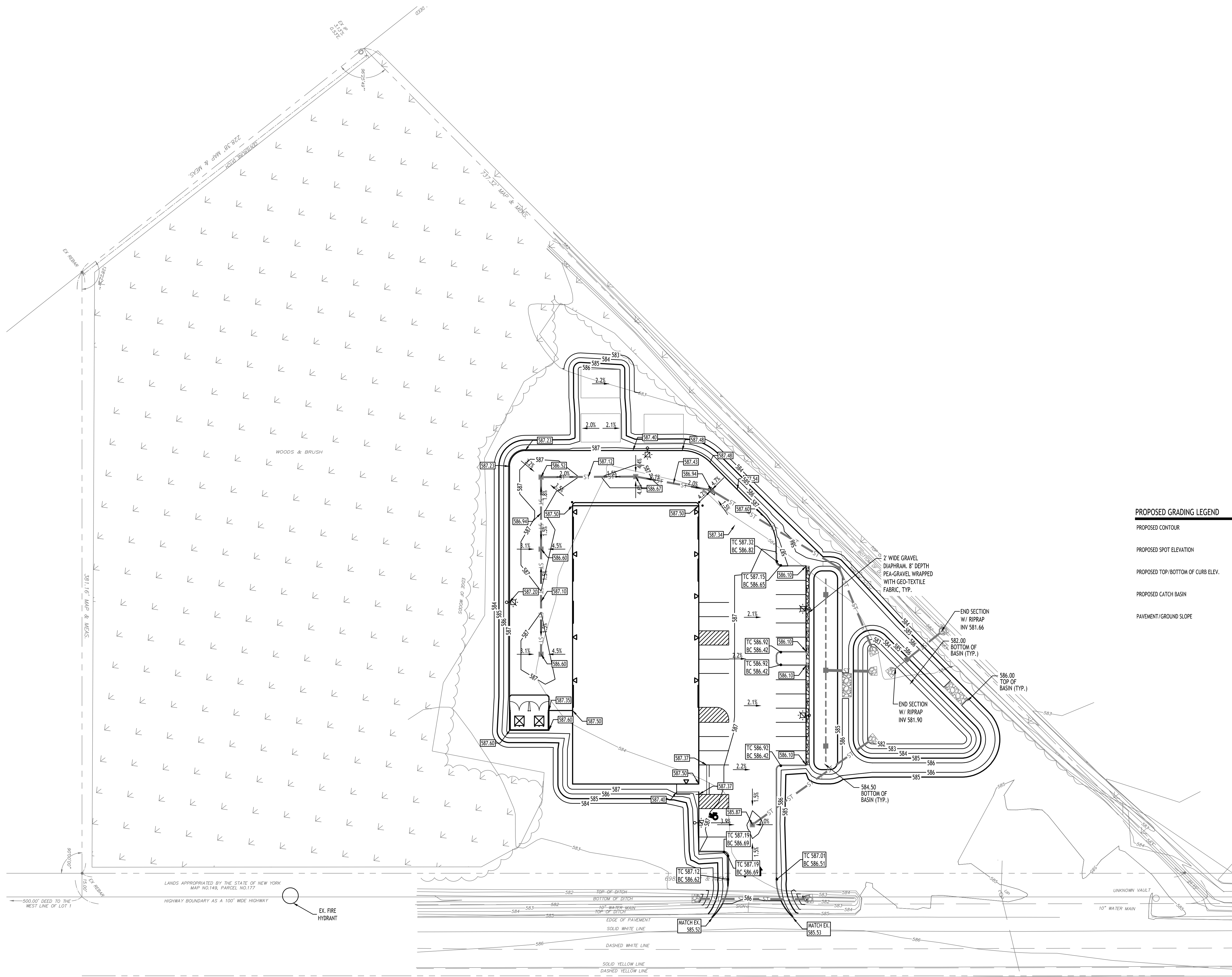
|                 |                        |            |
|-----------------|------------------------|------------|
| REVISIONS:      | Date                   | 03/21/2025 |
| No. Description | Rev. Per Town Comments |            |
| 1               |                        |            |



**DRAWING NAME:**  
Site Details

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

**DRAWING NO.:**  
**C-101**  
Project No: 24.4019

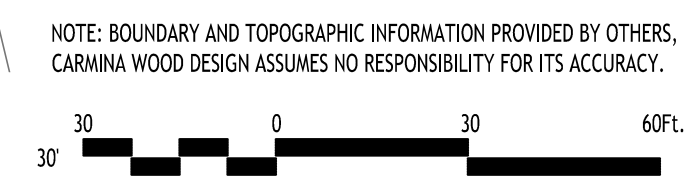


**PROPOSED GRADING LEGEND**

- PROPOSED CONTOUR  101
- PROPOSED SPOT ELEVATION 100.80
- PROPOSED TOP/BOTTOM OF CURB ELEV. TC 100.50  
BC 100.00
- PROPOSED CATCH BASIN  CB
- PAVEMENT/GROUND SLOPE  →

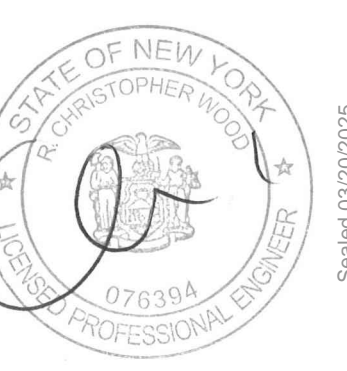
TOWN OF AMHERST APPROVAL BOX:

**Grading Plan**  
SCALE: 1"=30'



NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

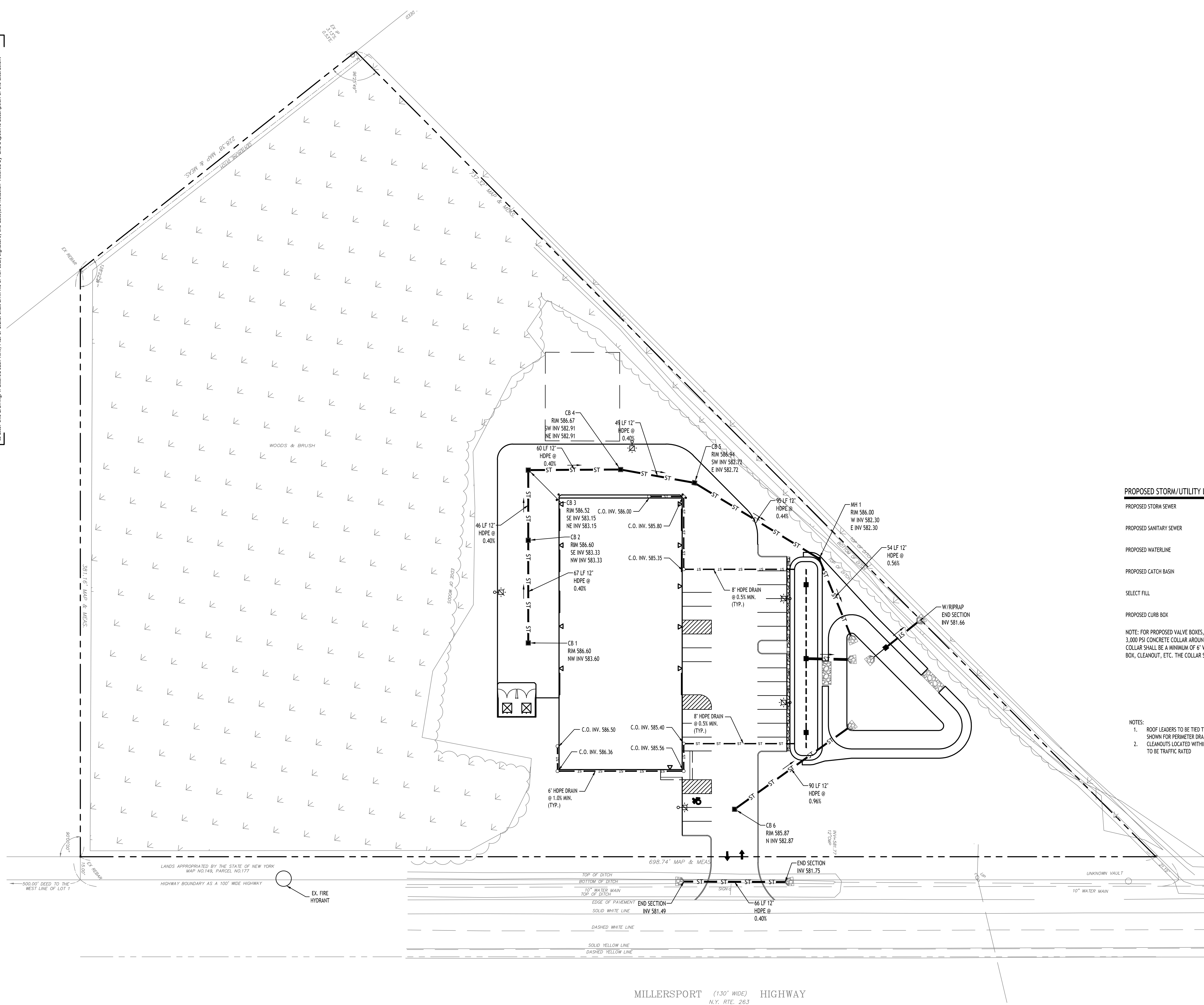
| REVISIONS: | No. | Description            | Date       |
|------------|-----|------------------------|------------|
| 1          | 1   | Rev. Per Town Comments | 03/21/2025 |



DRAWING NAME:  
**Grading Plan**

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

DRAWING NO.  
**C-200**  
Project No: 24.4019



**PROPOSED STORM/UTILITY LEGEND**

|                         |           |
|-------------------------|-----------|
| PROPOSED STORM SEWER    | — ST —    |
| PROPOSED SANITARY SEWER | — 6" SA — |
| PROPOSED WATERLINE      | — 1" W —  |
| PROPOSED CATCH BASIN    | ■ CB      |
| SELECT FILL             | ▨         |
| PROPOSED CURB BOX       | ⊕         |

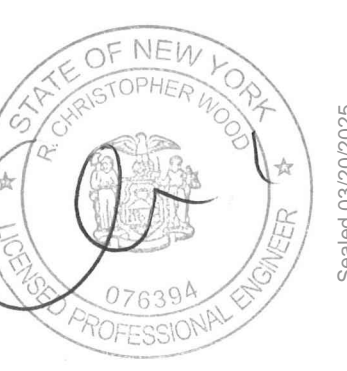
NOTE: FOR PROPOSED VALVE BOXES, CLEANOUTS, ETC., INSTALL A 3,000 PSI CONCRETE COLLAR AROUND THE ITEM AT GRADE. THE COLLAR SHALL BE A MINIMUM OF 6" WIDER, ON ALL SIDES, THAN THE BOX, CLEANOUT, ETC. THE COLLAR SHALL BE A MINIMUM OF 6" THICK.

**NOTES:**

1. ROOF LEADERS TO BE TIED TO CLEANOUTS SHOWN FOR PERIMETER DRAIN
2. CLEANOUTS LOCATED WITHIN PAVED AREAS TO BE TRAFFIC RATED

TOWN OF AMHERST APPROVAL BOX:

|                           |      |            |
|---------------------------|------|------------|
| REVISIONS:                | Date | 03/21/2025 |
| No. Description           |      |            |
| 1. Rev. Per Town Comments |      |            |

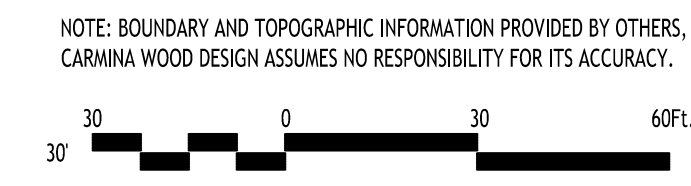


**DRAWING NAME:**  
Storm Drainage Plan

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

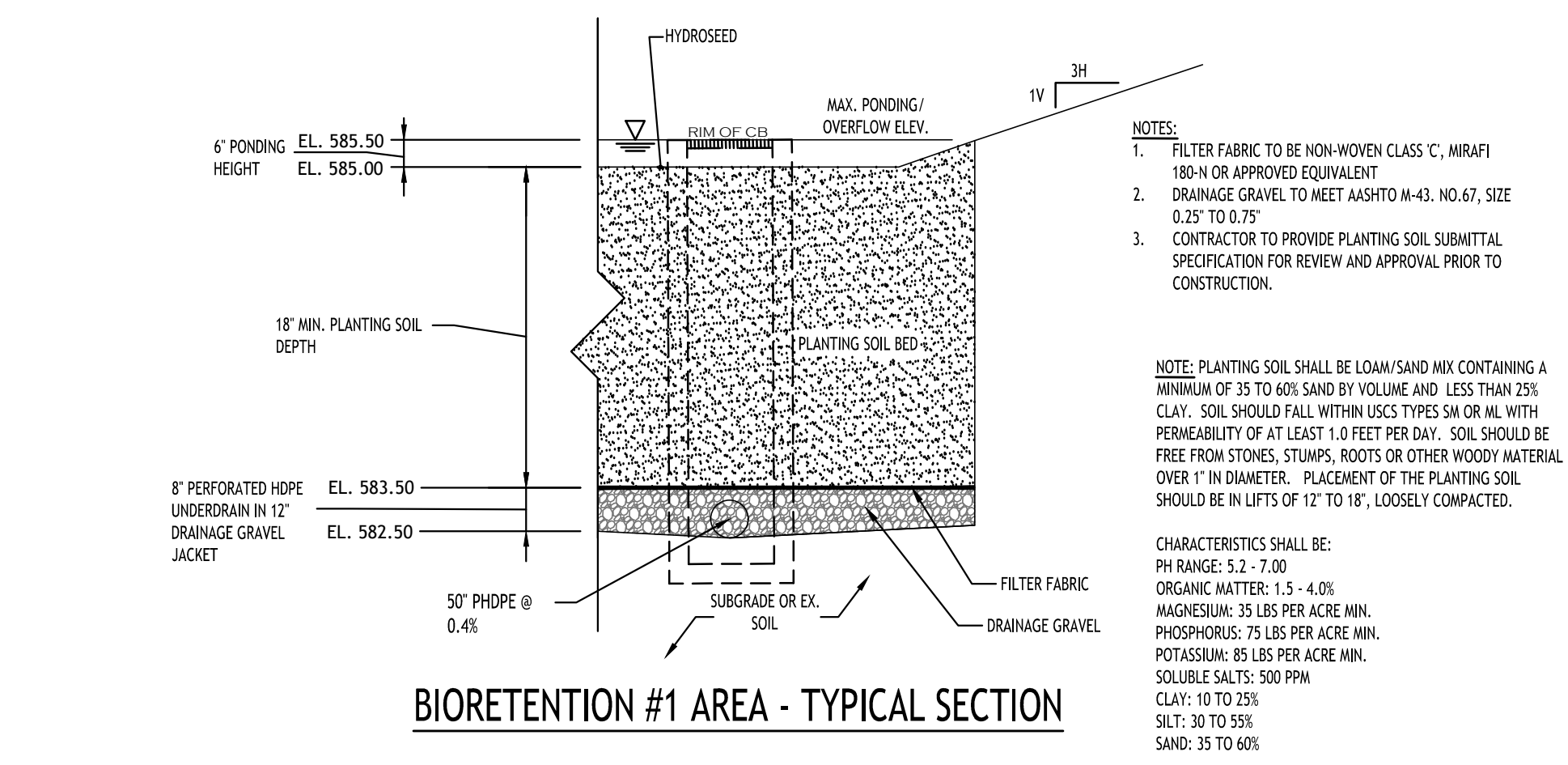
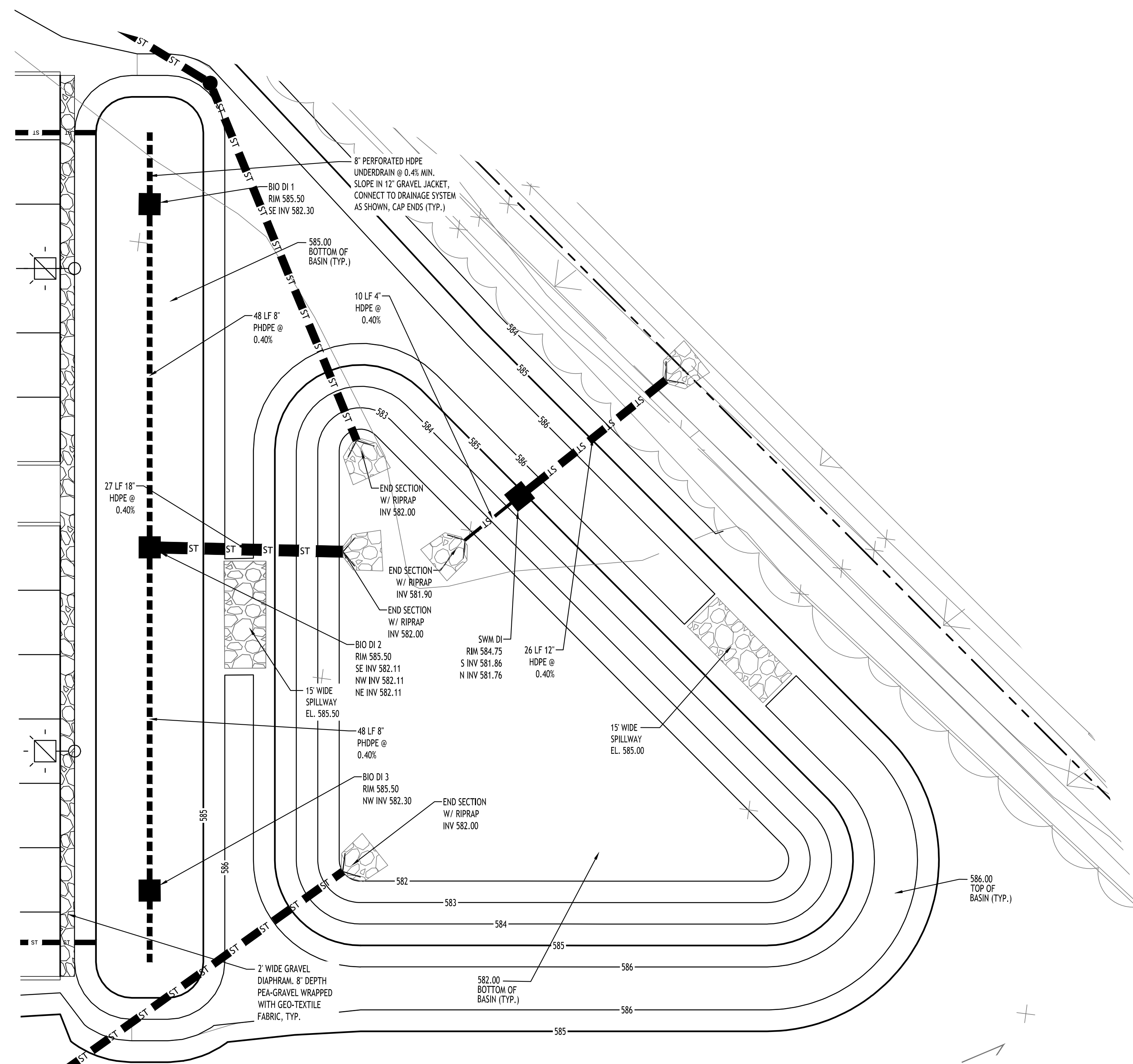
**DRAWING NO.:**  
**C-300**  
Project No: 24.4019

**Storm Drainage Plan**  
SCALE: 1"=30'



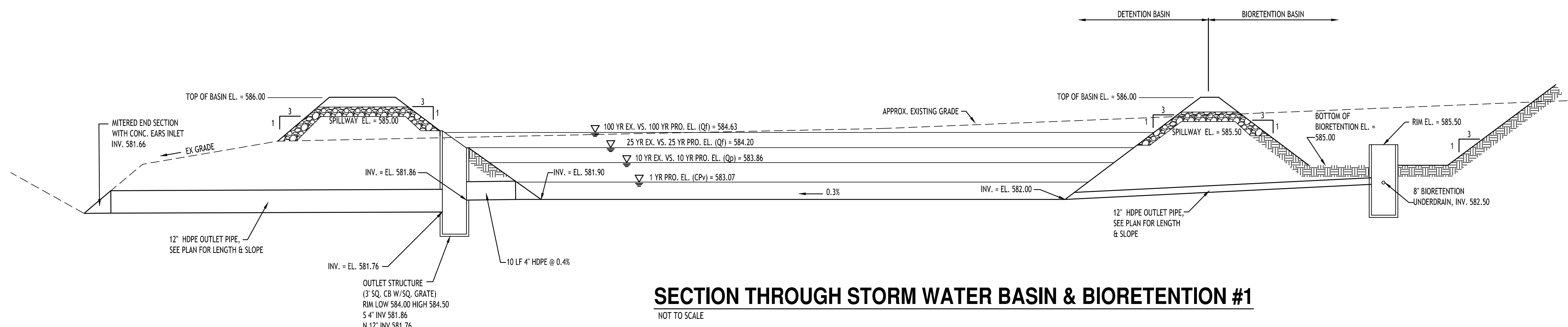
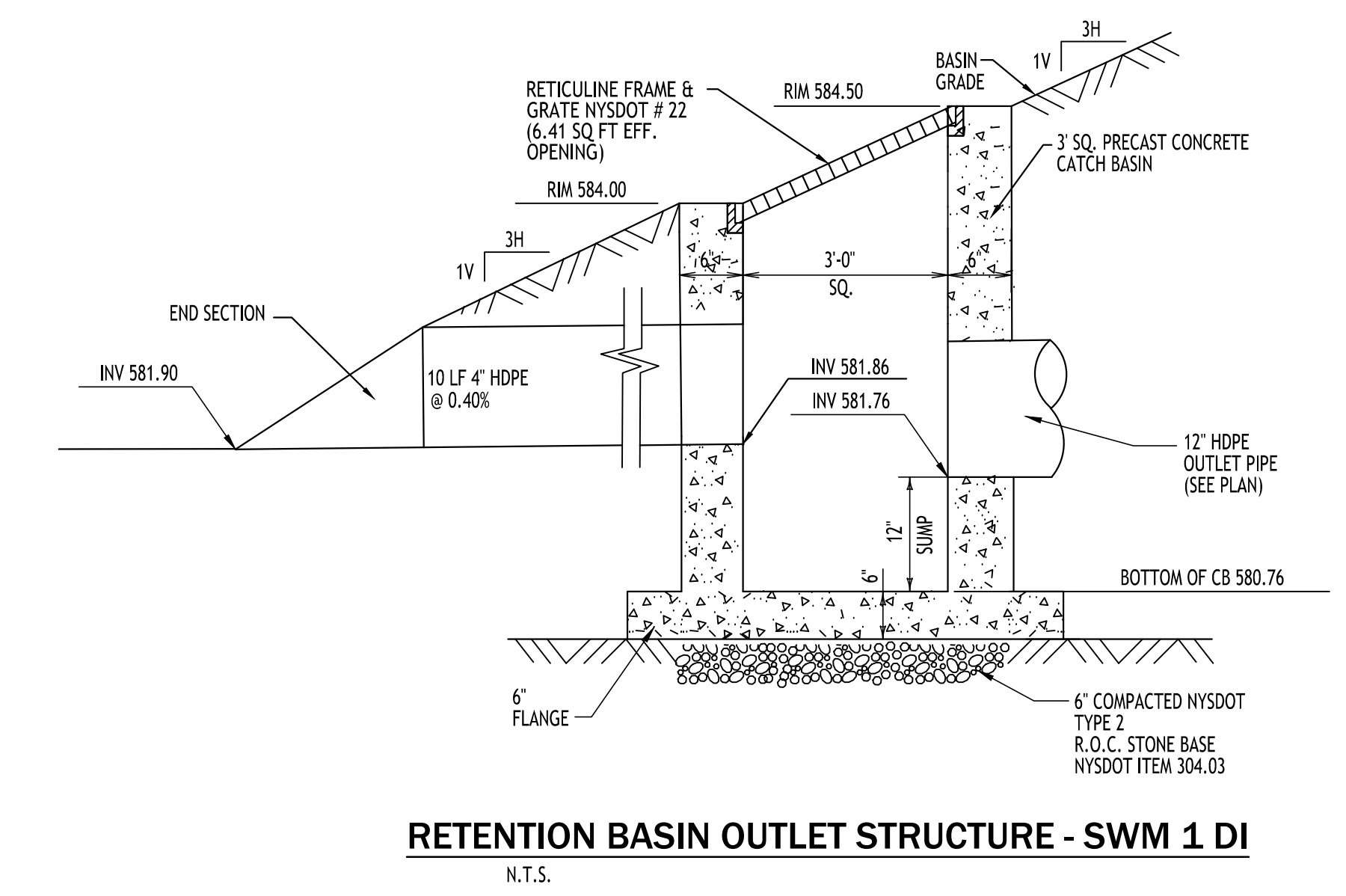
NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.





**BIO-RETENTION AREA SEEDING SPEC (Northeast Wetland Grass Seed Mix):**

| Seed Mixture       | Variety                  | Percent by No. of Seeds |
|--------------------|--------------------------|-------------------------|
| Creeping Bentgrass | Agrostis stolonifera     | 63.0                    |
| Rough Bluegrass    | Poa trivialis            | 17.0                    |
| Meadow Fescue      | Allopecurus arundinaceus | 11.0                    |
| Annual Ryegrass    | Lolium multiflorum       | 4.5                     |
| Deertongue         | Panicum clandestinum     | 4.5                     |



**TOWN OF AMHERST APPROVAL BOX:**

DRAWING NAME: Basin Details

Date: 11/19/24  
 Drawn By: C. Wood  
 Scale: As Noted

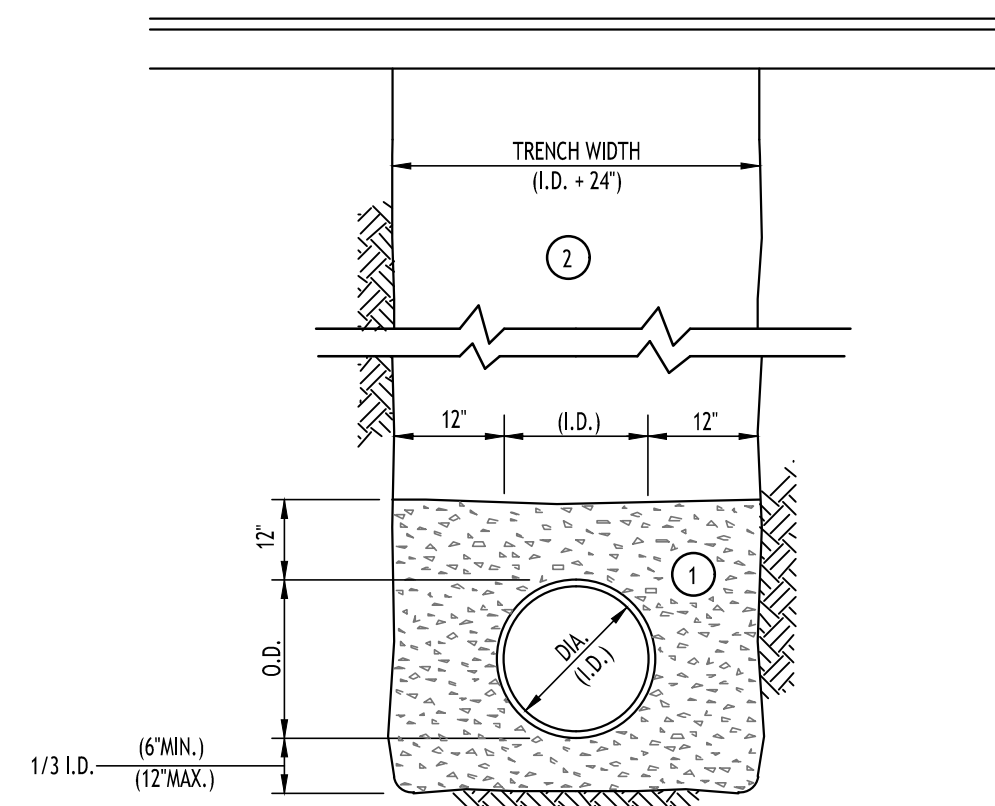
DRAWING NO. **C-301**  
 Project No: 24.4019

**CARMINA WOOD DESIGN**  
 Buffalo | Utica | Greensboro

**Proposed Warehouse Building**  
 5500 Millersport Highway  
 Amherst, New York

REVISIONS:  
 No. Description Date  
 1 Rev. Per Town Comments 03/21/2025

STATE OF NEW YORK  
 CHRISTOPHER WOOD  
 LICENSED PROFESSIONAL ENGINEER  
 076394  
 Sealed 03/21/2025



- NOTES:
- A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
  - B. TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
  - C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
  - D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

**MATERIALS**

**PIPE BEDDING MATERIAL (NYS DOT 1985 EDITION)**

- 1 NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYSDOT SECTION 703-02. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.

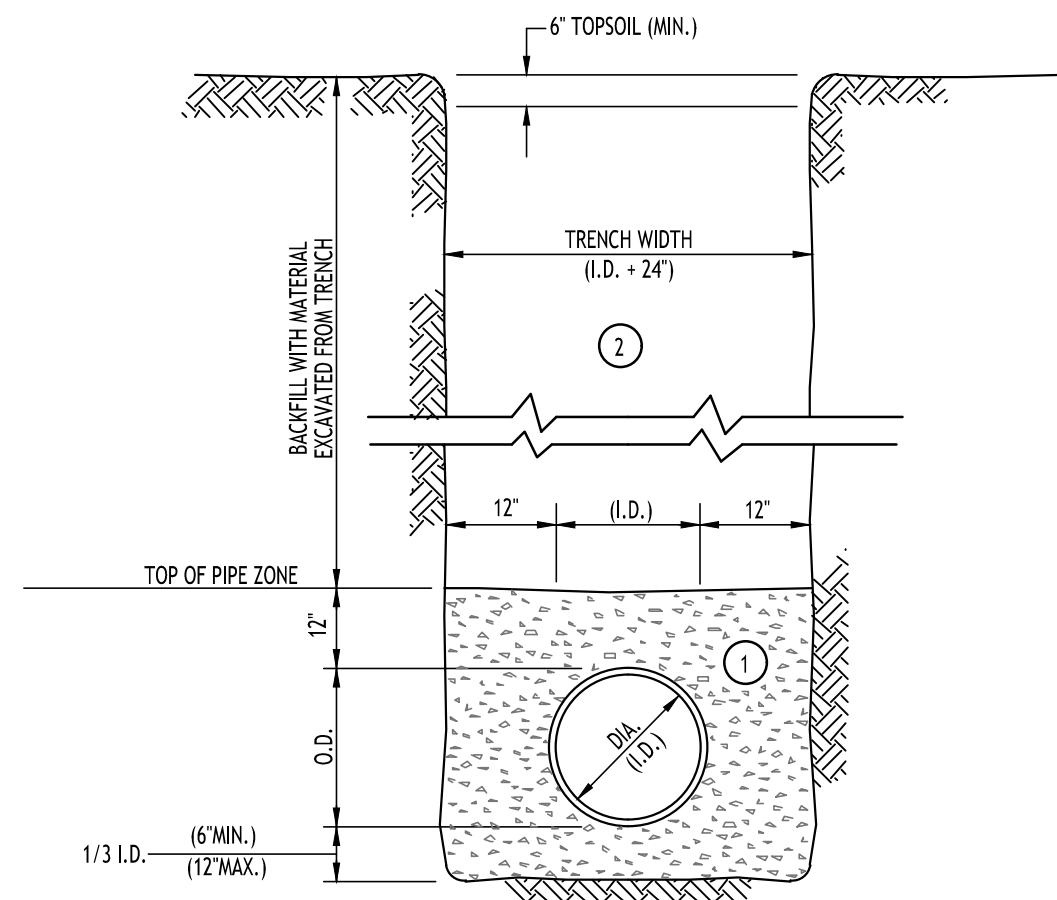
NO SLAG SHALL BE ALLOWED FOR MATERIAL. 1

- 2 TYPE 2 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYSDOT SECTION 304-2.02 TYPE 2. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN TWO INCHES AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.

NO SLAG SHALL BE ALLOWED FOR MATERIAL. 2

**STORM SEWER TRENCH SECTION IN PAVED AREAS**

NOT TO SCALE



- NOTES:
- A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
  - B. TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
  - C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
  - D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

**MATERIALS**

**PIPE BEDDING MATERIAL (NYS DOT 1985 EDITION)**

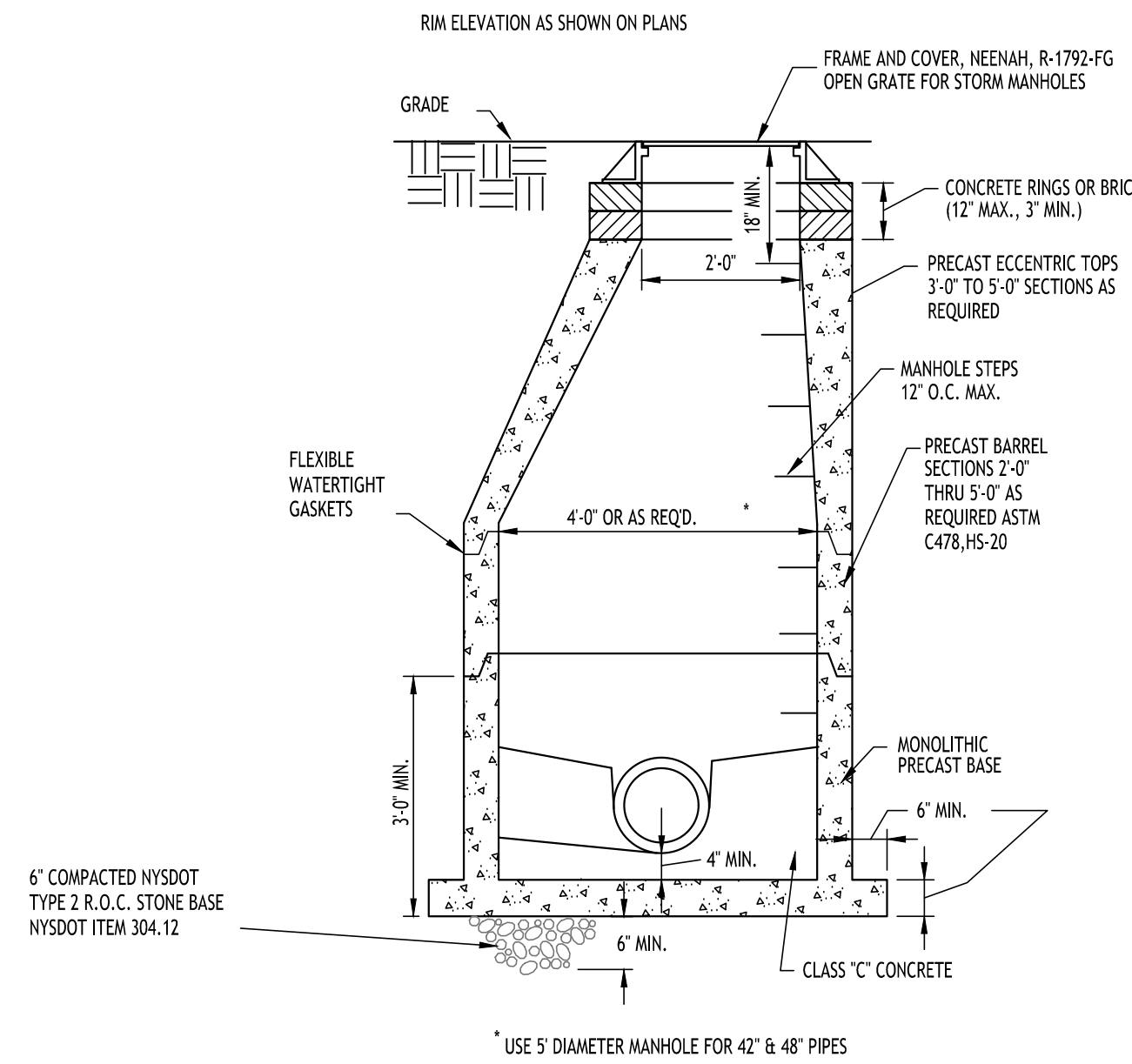
- 1 NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYSDOT SECTION 703-02. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.

NO SLAG SHALL BE ALLOWED FOR MATERIAL. 1

- 2 BACKFILL MATERIAL SHALL BE NATIVE SOIL CONTAINING NO UNSUITABLE MATERIAL COMPACTED IN 6" LIFTS.

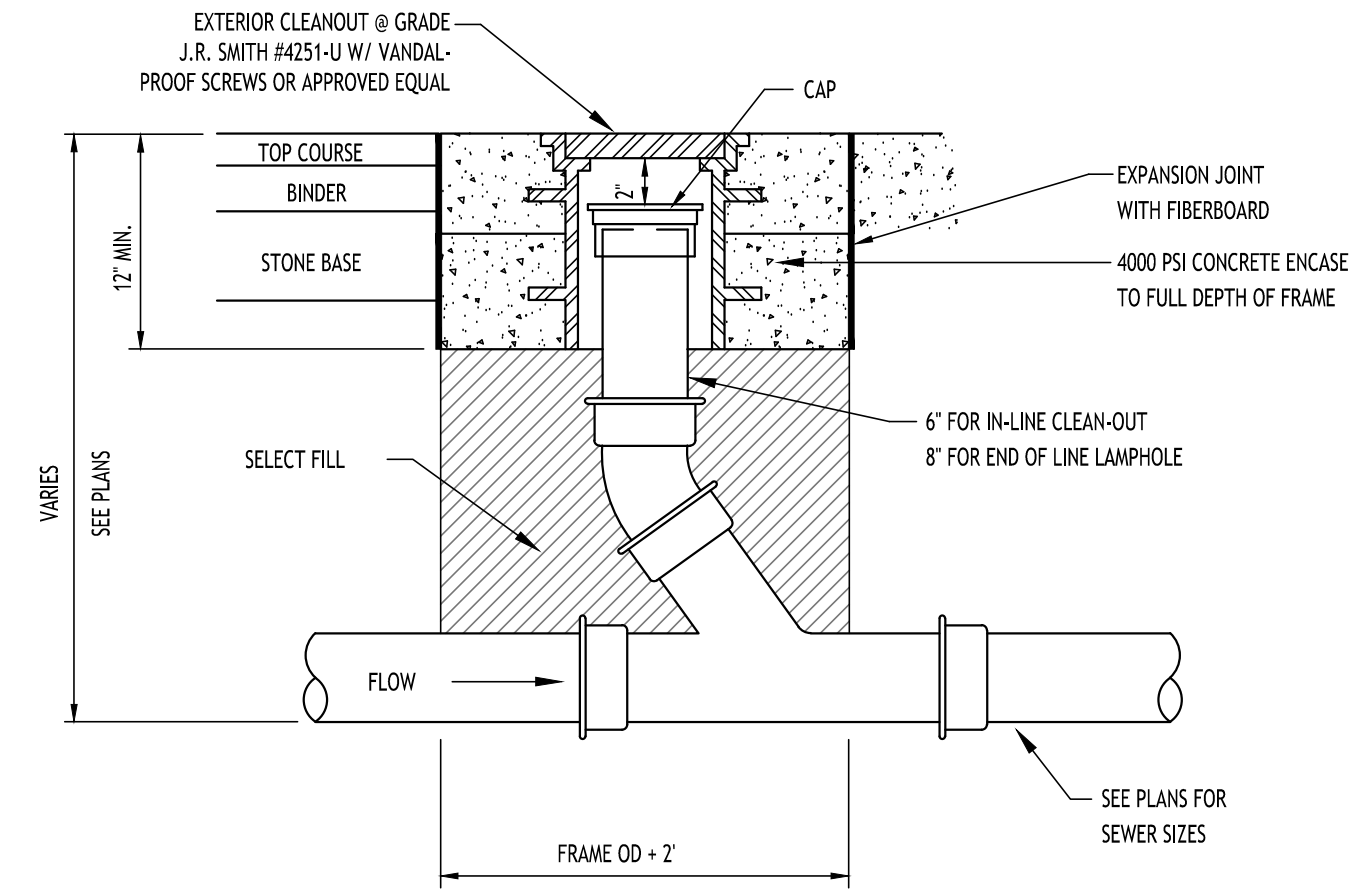
**STORM SEWER TRENCH SECTION IN UNPAVED AREAS**

NOT TO SCALE



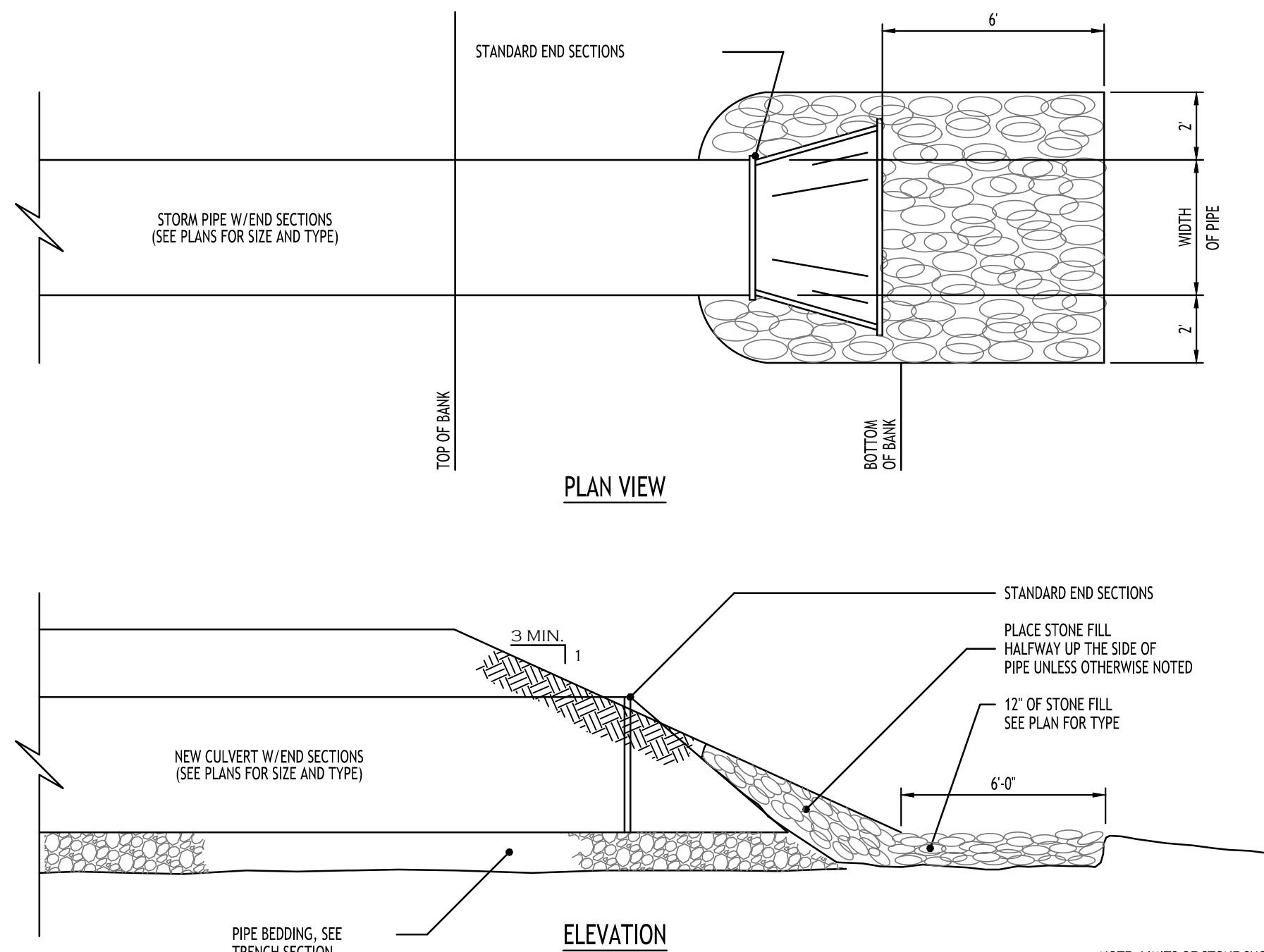
**TYPICAL STORM MANHOLE DETAIL**

NOT TO SCALE



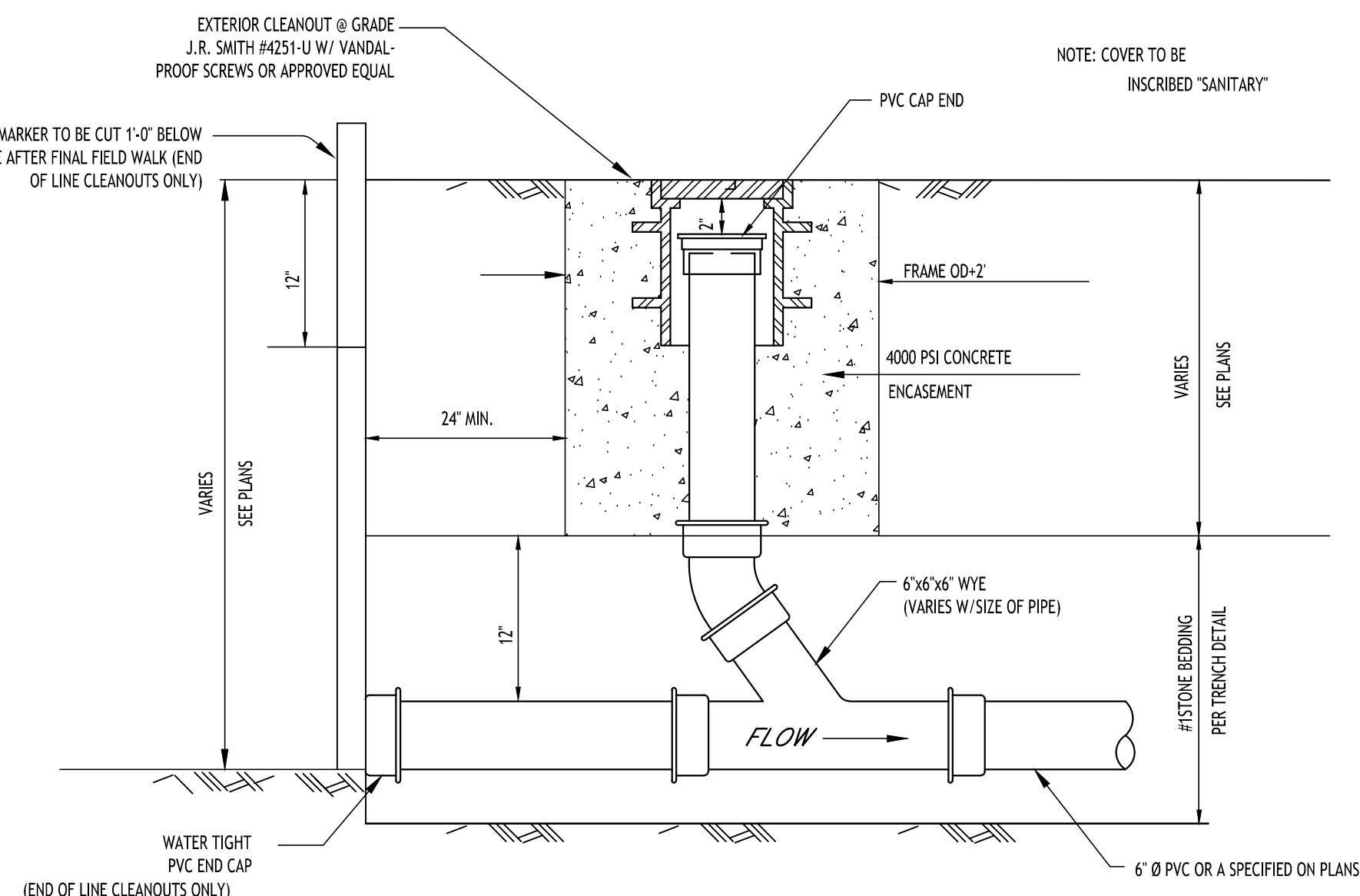
**LAMPHOLE/CLEANOUT IN PAVEMENT/SIDEWALK**

NOT TO SCALE



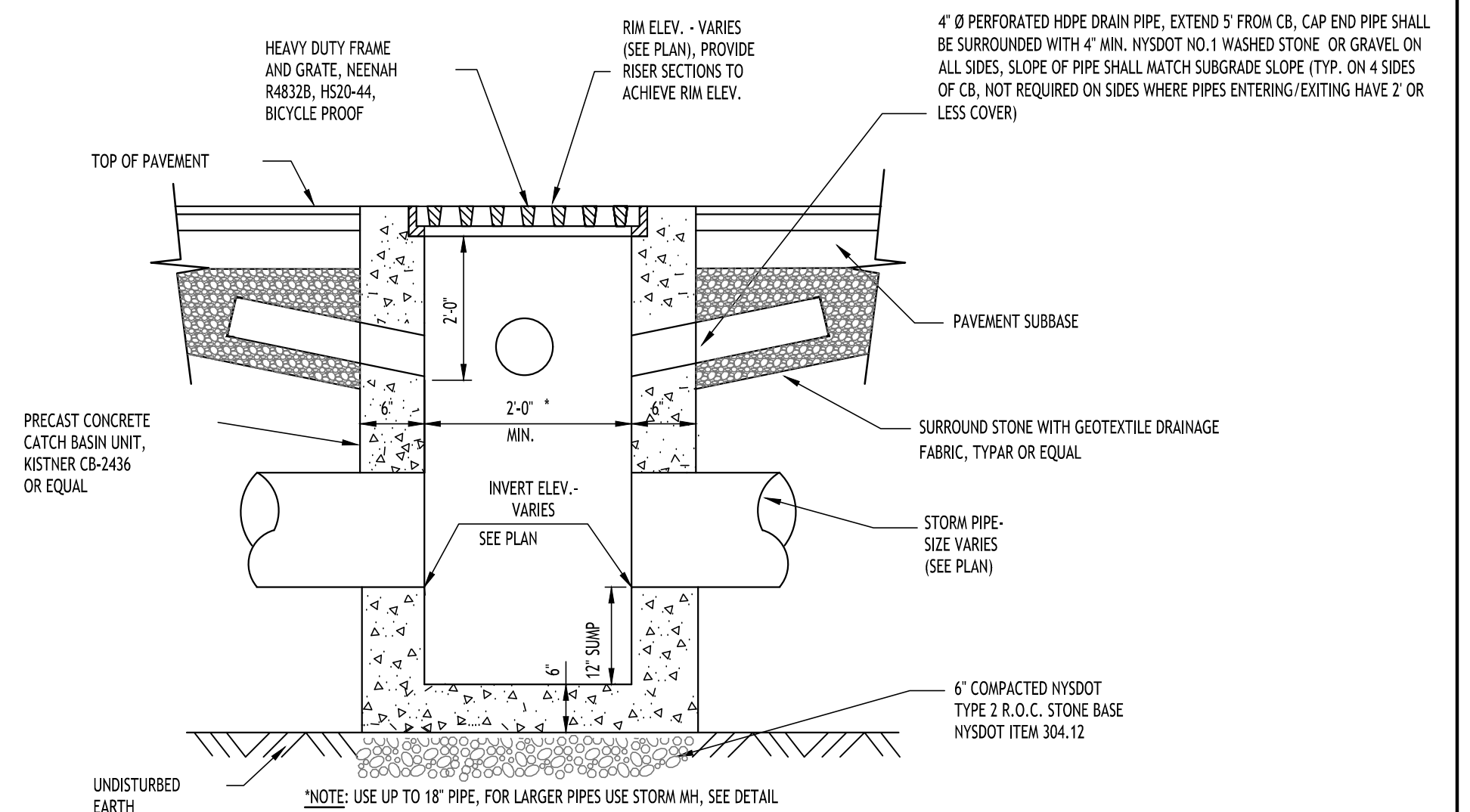
**TYPICAL PIPE OUTLET W/ END SECTION & RIP RAP**

NOT TO SCALE



**LAMPHOLE/CLEANOUT IN LAWN/FIELD AREAS**

NOT TO SCALE



**TYPICAL PRECAST CATCH BASIN**

NOT TO SCALE

**TOWN OF AMHERST APPROVAL BOX:**

REVISIONS:

| No. | Description            | Date       |
|-----|------------------------|------------|
| 1   | Rev. Per Town Comments | 03/21/2025 |

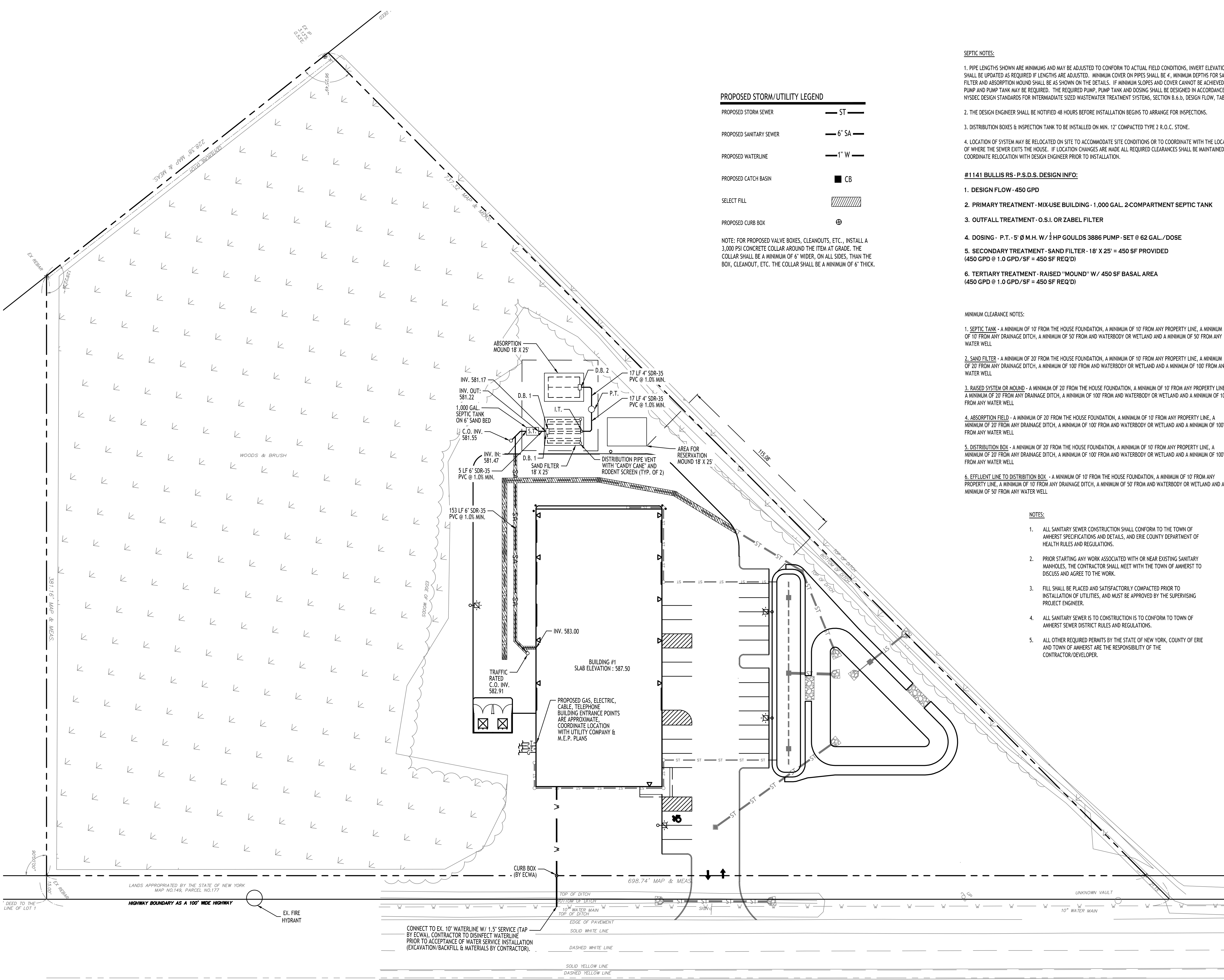
DRAWING NAME:  
**Storm Drainage Details**

Date: 11/19/24  
 Drawn By: C. Wood  
 Scale: As Noted

DRAWING NO.  
**C-302**

Project No: 24.4019

All Rights Reserved. Reuse of these documents without the expressed written permission of CARMINA WOOD DESIGN is prohibited. Warning: It is a violation of article 45 of the E.O. 14176, 36 CFR 115.6 (b) (5) that any person who alters, modifies, reproduces, or otherwise uses these documents in any way to alter this drawing, in altered such R.A., P.E. or L.L.S. shall affirm, his or her seal, signature, the date, the notation "Altered By" and a specific description of the alteration.



**PROPOSED STORM/UTILITY LEGEND**

|                         |           |
|-------------------------|-----------|
| PROPOSED STORM SEWER    | — ST —    |
| PROPOSED SANITARY SEWER | — 6" SA — |
| PROPOSED WATERLINE      | — 1" W —  |
| PROPOSED CATCH BASIN    | ■ CB      |
| SELECT FILL             | ▨         |
| PROPOSED CURB BOX       | ⊕         |

NOTE: FOR PROPOSED VALVE BOXES, CLEANOUTS, ETC., INSTALL A 3,000 PSI CONCRETE COLLAR AROUND THE ITEM AT GRADE. THE COLLAR SHALL BE A MINIMUM OF 6" WIDER, ON ALL SIDES, THAN THE BOX, CLEANOUT, ETC. THE COLLAR SHALL BE A MINIMUM OF 6" THICK.

- SEPTIC NOTES:**
- PIPE LENGTHS SHOWN ARE MINIMUMS AND MAY BE ADJUSTED TO CONFORM TO ACTUAL FIELD CONDITIONS. INVERT ELEVATIONS SHALL BE UPDATED AS REQUIRED IF LENGTHS ARE ADJUSTED. MINIMUM COVER ON PIPES SHALL BE 4", MINIMUM DEPTHS FOR SAND FILTER AND ABSORPTION MOUND SHALL BE AS SHOWN ON THE DETAILS. IF MINIMUM SLOPES AND COVER CANNOT BE ACHIEVED, A PUMP AND PUMP TANK MAY BE REQUIRED. THE REQUIRED PUMP, PUMP TANK AND DOSING SHALL BE DESIGNED IN ACCORDANCE WITH NYSDEC DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS, SECTION 6.6.b, DESIGN FLOW, TABLE B-3.
  - THE DESIGN ENGINEER SHALL BE NOTIFIED 48 HOURS BEFORE INSTALLATION BEGINS TO ARRANGE FOR INSPECTIONS.
  - DISTRIBUTION BOXES & INSPECTION TANK TO BE INSTALLED ON MIN. 12" COMPACTED TYPE 2 R.O.C. STONE.
  - LOCATION OF SYSTEM MAY BE RELOCATED ON SITE TO ACCOMMODATE SITE CONDITIONS OR TO COORDINATE WITH THE LOCATION OF WHERE THE SEWER ENITS THE HOUSE. IF LOCATION CHANGES ARE MADE ALL REQUIRED CLEARANCES SHALL BE MAINTAINED. COORDINATE RELOCATION WITH DESIGN ENGINEER PRIOR TO INSTALLATION.

- #1141 BULLIS RS-P.S.D.S. DESIGN INFO:**
- DESIGN FLOW - 450 GPD
  - PRIMARY TREATMENT - MIX-USE BUILDING - 1,000 GAL. 2-COMPARTMENT SEPTIC TANK
  - OUTFALL TREATMENT - O.S.I. OR ZABEL FILTER
  - DOSING - P.T. - 5' 0" M.H. W/ 1/2 HP GOULDS 3886 PUMP - SET @ 62 GAL./DOSE
  - SECONDARY TREATMENT - SAND FILTER - 18' X 25' = 450 SF PROVIDED (450 GPD @ 1.0 GPD/SF = 450 SF REQ'D)
  - TERTIARY TREATMENT - RAISED "MOUND" W/ 450 SF BASAL AREA (450 GPD @ 1.0 GPD/SF = 450 SF REQ'D)

- MINIMUM CLEARANCE NOTES:**
- SEPTIC TANK - A MINIMUM OF 10' FROM THE HOUSE FOUNDATION, A MINIMUM OF 10' FROM ANY PROPERTY LINE, A MINIMUM OF 10' FROM ANY DRAINAGE DITCH, A MINIMUM OF 50' FROM AND WATERBODY OR WETLAND AND A MINIMUM OF 50' FROM ANY WATER WELL.
  - SAND FILTER - A MINIMUM OF 20' FROM THE HOUSE FOUNDATION, A MINIMUM OF 10' FROM ANY PROPERTY LINE, A MINIMUM OF 20' FROM ANY DRAINAGE DITCH, A MINIMUM OF 100' FROM AND WATERBODY OR WETLAND AND A MINIMUM OF 100' FROM ANY WATER WELL.
  - RAISED SYSTEM OR MOUND - A MINIMUM OF 20' FROM THE HOUSE FOUNDATION, A MINIMUM OF 10' FROM ANY PROPERTY LINE, A MINIMUM OF 20' FROM ANY DRAINAGE DITCH, A MINIMUM OF 100' FROM AND WATERBODY OR WETLAND AND A MINIMUM OF 100' FROM ANY WATER WELL.
  - ABSORPTION FIELD - A MINIMUM OF 20' FROM THE HOUSE FOUNDATION, A MINIMUM OF 10' FROM ANY PROPERTY LINE, A MINIMUM OF 20' FROM ANY DRAINAGE DITCH, A MINIMUM OF 100' FROM AND WATERBODY OR WETLAND AND A MINIMUM OF 100' FROM ANY WATER WELL.
  - DISTRIBUTION BOX - A MINIMUM OF 20' FROM THE HOUSE FOUNDATION, A MINIMUM OF 10' FROM ANY PROPERTY LINE, A MINIMUM OF 20' FROM ANY DRAINAGE DITCH, A MINIMUM OF 100' FROM AND WATERBODY OR WETLAND AND A MINIMUM OF 100' FROM ANY WATER WELL.
  - EFFLUENT LINE TO DISTRIBUTION BOX - A MINIMUM OF 10' FROM THE HOUSE FOUNDATION, A MINIMUM OF 10' FROM ANY PROPERTY LINE, A MINIMUM OF 10' FROM ANY DRAINAGE DITCH, A MINIMUM OF 50' FROM AND WATERBODY OR WETLAND AND A MINIMUM OF 50' FROM ANY WATER WELL.

- NOTES:**
- ALL SANITARY SEWER CONSTRUCTION SHALL CONFORM TO THE TOWN OF AMHERST SPECIFICATIONS AND DETAILS, AND ERIE COUNTY DEPARTMENT OF HEALTH RULES AND REGULATIONS.
  - PRIOR STARTING ANY WORK ASSOCIATED WITH OR NEAR EXISTING SANITARY MANHOLES, THE CONTRACTOR SHALL MEET WITH THE TOWN OF AMHERST TO DISCUSS AND AGREE TO THE WORK.
  - FILL SHALL BE PLACED AND SATISFACTORILY COMPACTED PRIOR TO INSTALLATION OF UTILITIES, AND MUST BE APPROVED BY THE SUPERVISING PROJECT ENGINEER.
  - ALL SANITARY SEWER IS TO CONSTRUCTION IS TO CONFORM TO TOWN OF AMHERST SEWER DISTRICT RULES AND REGULATIONS.
  - ALL OTHER REQUIRED PERMITS BY THE STATE OF NEW YORK, COUNTY OF ERIE AND TOWN OF AMHERST ARE THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER.

- UTILITY NOTES:**
- FOR ALL SANITARY SEWERS, INSTALL SELECT FILL IN PAVED AREAS, EXTEND 5' MIN. BEYOND PAVEMENT LIMITS
  - BUILDINGS TO HAVE INVERT ELEVATION 5' MIN. BELOW F.F.E. OF THE BUILDING. PIPE TO BE 6" SDR-35 PVC @ 1.0% MIN. WITH MIN 4.5' OF COVER.
  - COORDINATE GAS & ELEC. METER BANK LOCATIONS ON BUILDINGS WITH M.E.P. PLANS & UTILITY CO. S.
  - COORDINATE LOCATION OF CITY & TELEPHONE SERVICE TO BUILDINGS WITH M.E.P. PLANS AND UTILITY CO. S.
  - ANY EXISTING UTILITIES WHICH ARE TO BE ABANDONED AND FALL UNDER PAVEMENT OR BUILDINGS SHALL BE REMOVED VS. BEING ABANDONED UNLESS THOSE UTILITIES ARE FILLED WITH FLOWABLE FILL.
  - A MINIMUM OF 10 FEET HORIZONTAL AND 18 INCHES OF VERTICAL SEPARATION MUST BE MAINTAINED BETWEEN ALL SANITARY SEWER AND WATER SERVICES.
  - SELECT BACKFILL IS REQUIRED FOR ALL UTILITIES (GAS, WATER, STORM, SANITARY) THAT CROSS THROUGH CONCRETE AND ASPHALT PAVEMENT AREAS.

**SEPTIC SYSTEM DESIGN ELEVATIONS**  
 MIX-USE BUILDING SLAB ELEVATION = 587.50  
 SEWER INVERT @ MIX USE BUILDING = 583.00 (4.5' OF COVER) \*  
 S.T. INVERT IN = 581.47  
 S.T. INVERT OUT = 581.22  
 D.B. 1 INVERT IN = 581.17  
 D.B. 1 INVERT OUT = 581.07  
 I.T. INVERT IN/OUT = 578.10  
 P.T. INVERT IN = 577.93  
 P.T. INVERT OUT = 580.00  
 D.B. 2 INVERT IN = 585.16  
 D.B. 2 INVERT OUT = 585.06

**SEPTIC SYSTEM LEGEND:**  
 S.T. = SEPTIC TANK  
 P.T. = PUMP TANK  
 D.B. = DISTRIBUTION BOX  
 I.T. = INSPECTION TANK

**REVISIONS:**

| No. | Description            | Date       |
|-----|------------------------|------------|
| 1   | Rev. Per Town Comments | 03/21/2025 |



**DRAWING NAME:**  
Utility Plan

**Date:** 11/19/24  
**Drawn By:** C. Wood  
**Scale:** As Noted

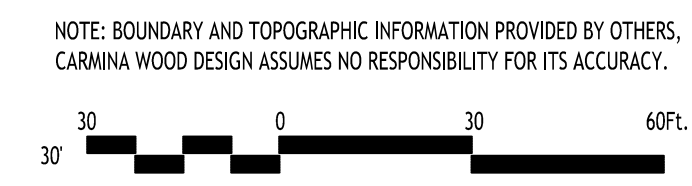
**DRAWING NO.:**  
**C-400**  
**Project No:** 24.4019

**Proposed Warehouse Building**  
 5500 Millersport Highway  
 Amherst, New York

**CARMINA WOOD**  
**DESIGN**  
 Buffalo | Utica | Greensboro

MILLERSPORT (130' WIDE) HIGHWAY  
 N.Y. RTE. 263

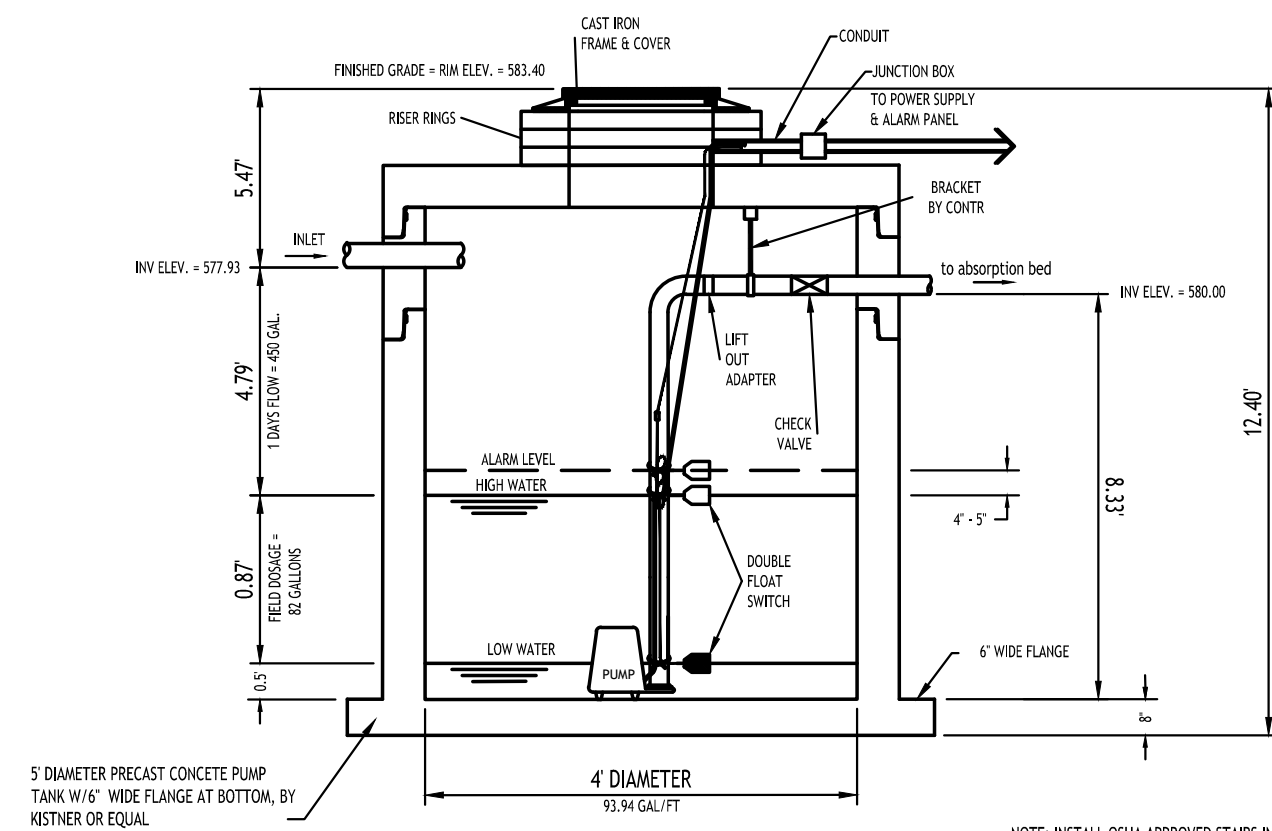
**Utility Plan**  
 SCALE: 1"=30'



NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS. CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

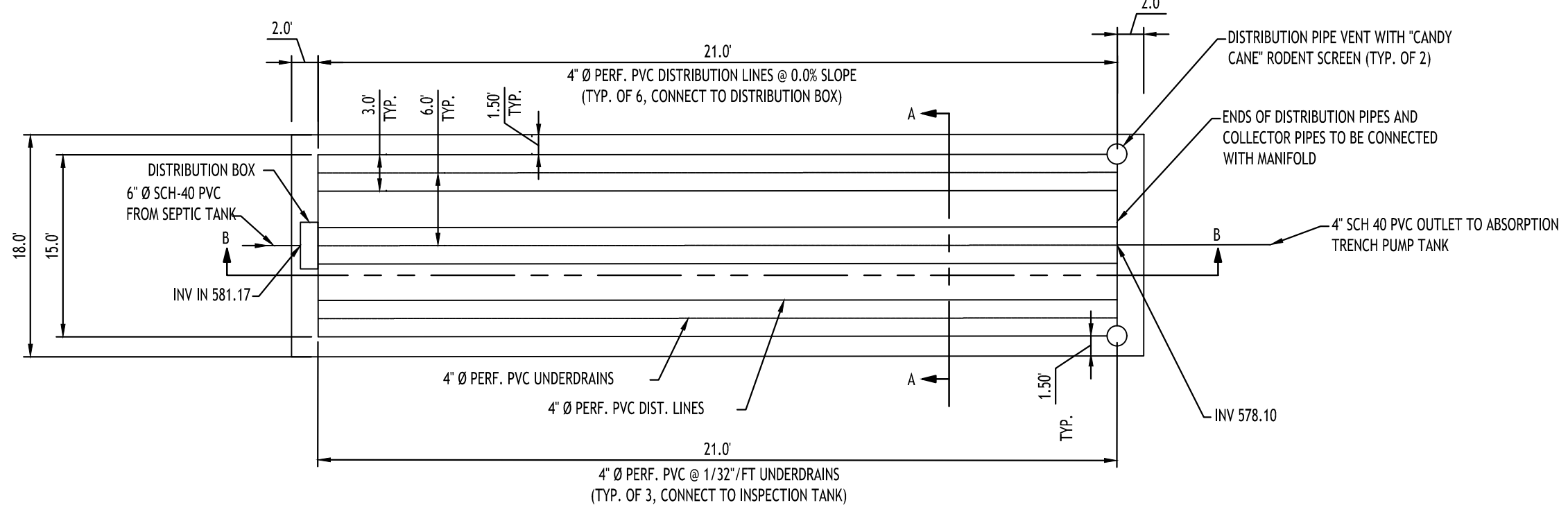
**TOWN OF AMHERST APPROVAL BOX:**

All Rights Reserved. Reuse of these documents without the expressed written permission of CARMINA WOOD DESIGN is prohibited. WARNING: It is a violation of article 45 of the New York State Education Law for any person to alter this drawing, or to alter any such R.A., P.E. or L.L.S. shall affix his or her seal, signature, the date, the nature of the alteration, and a specific description of the alteration.



**PUMP TANK**

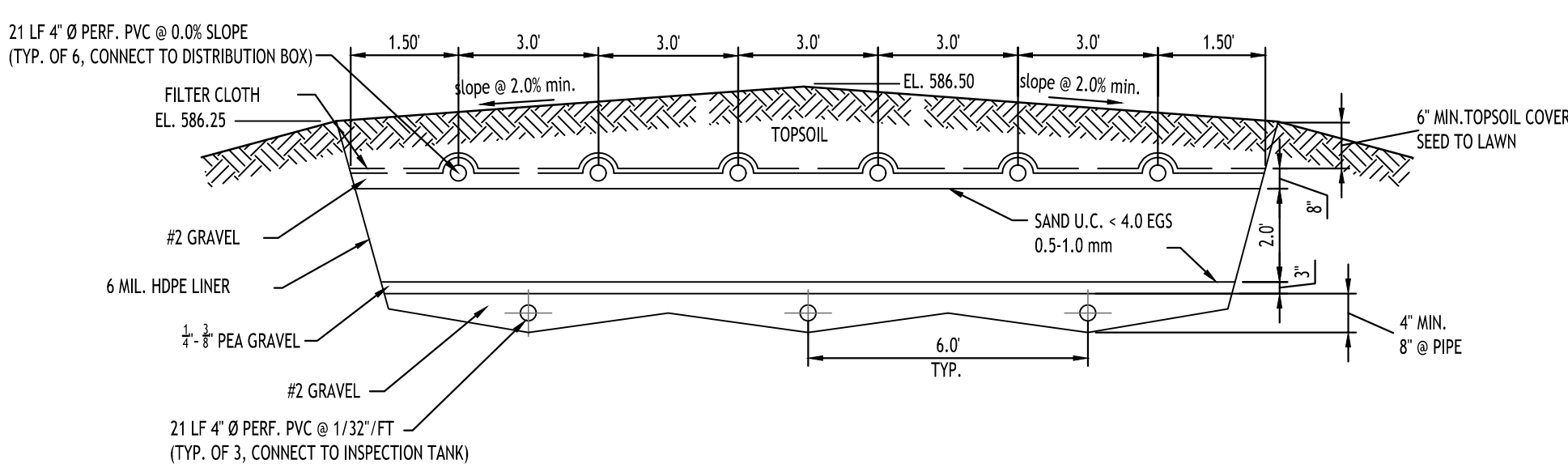
NOTE: INSTALL OSHA APPROVED STAIRS IN TANK IN LOCATION THAT DOES NOT INTERFERE WITH PUMP OPERATION.



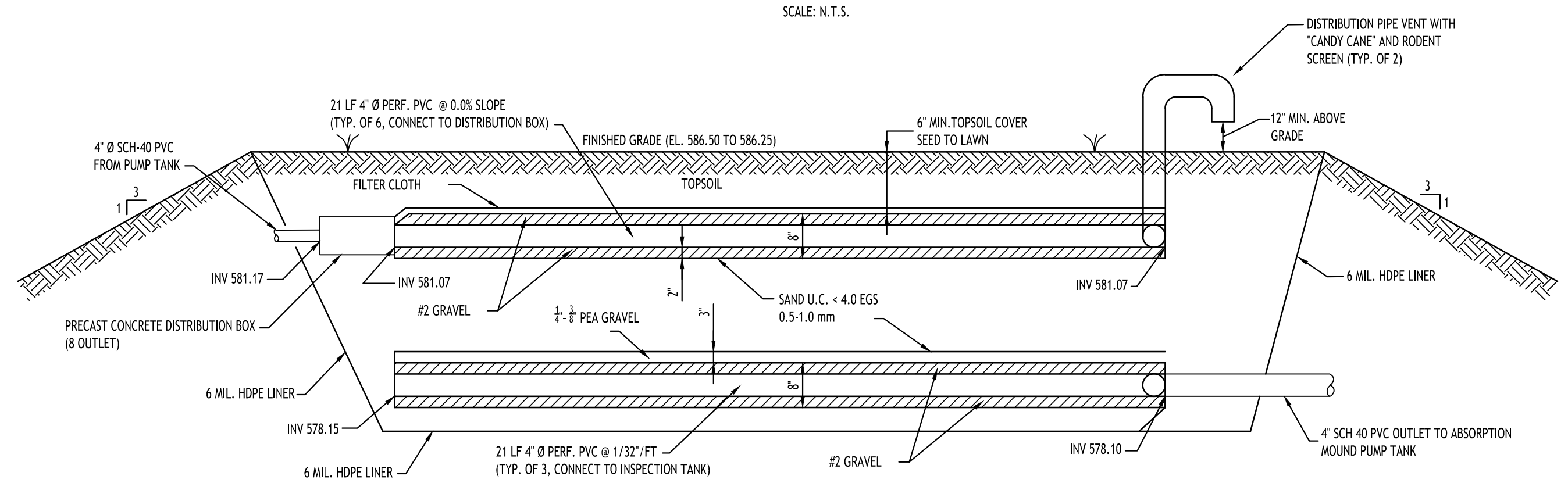
**SAND FILTER PLAN**  
NOT TO SCALE

**SAND FILTER NOTES:**

1. ALL SAND SHALL BE UNIFORM COARSE TO MEDIUM SAND (< 4% PASSING #200 SIEVE), ALL PASSING 1/4 INCH SIEVE, HAVE AN EFFECTIVE GRAIN SIZE (EGS) BETWEEN 0.25 - 1.00 mm, AN UNIFORMITY COEFFICIENT (UC) <= 4
2. IF A HDPE LINER IS USED, SEAL PENETRATIONS AND SEAMS WATER TIGHT
3. TOP OF SAND FILTER SHALL BE SLOPED TO DRAIN, AREAS AROUND THE FILTER SHALL BE GRADED TO DIVERT WATER AWAY
4. ALL HEAVY EQUIPMENT SHALL BE KEPT OFF THE SAND FILTER AREA FOLLOWING CONSTRUCTION.
5. depending on depth of high water mark or bedrock or the existing topography, the entire filter may be adjusted up or down. all required clearances and minimum slopes must be maintained. if adjustments are made to the filter, the engineer shall be notified prior to start of installation.



**SAND FILTER CROSS SECTION A-A**  
SCALE: N.T.S.

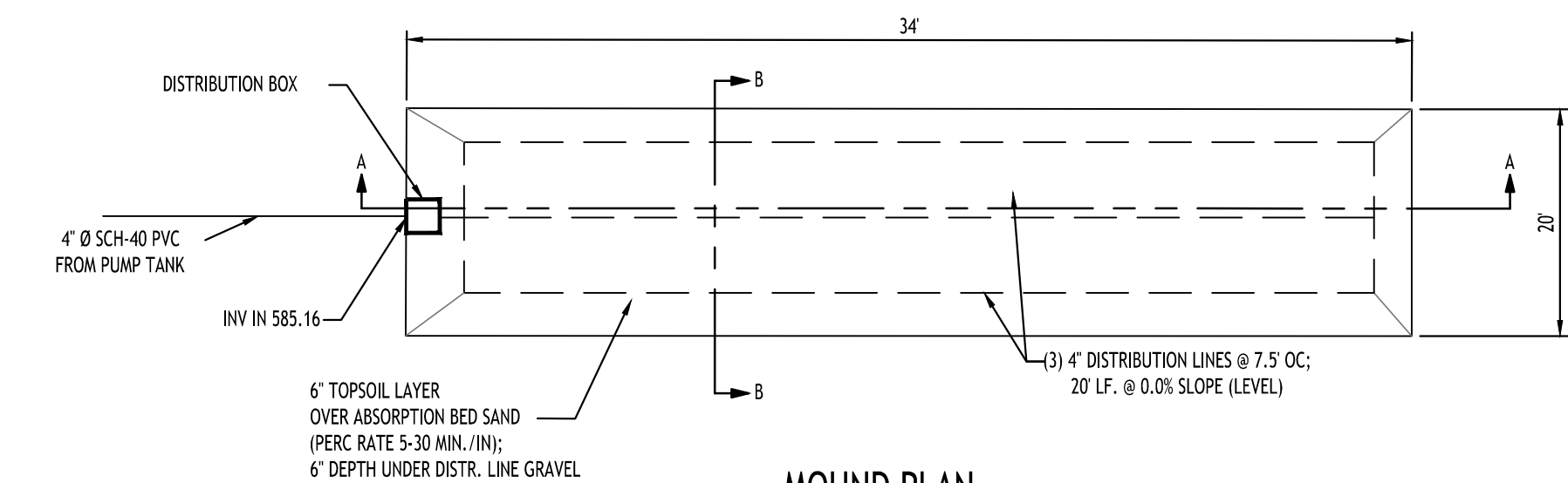


**SAND FILTER SECTION B-B**  
SCALE: N.T.S.

**MOUND NOTES:**

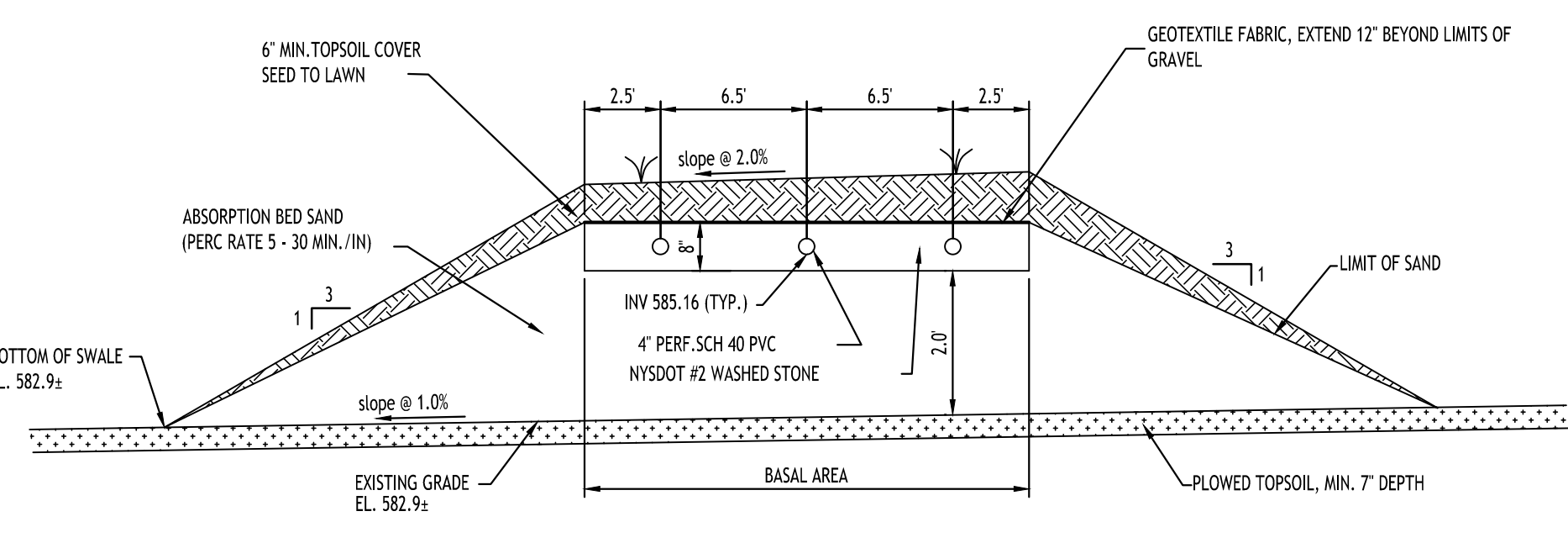
1. TOP OF MOUND SHALL BE SLOPED TO DRAIN, AREAS AROUND THE BASE OF THE MOUND SHALL BE GRADED TO DIVERT WATER AWAY FROM THE MOUND.
2. SLOPE UNDER MOUND SHALL FOLLOW SLOPE OF EXISTING GRADE, EITHER SIDE TO SIDE OR LONGITUDINAL TO FACILITATE DRAINAGE (SHOWN AS SIDE TO SIDE FOR ILLUSTRATION PURPOSES).
3. ALL HEAVY EQUIPMENT SHALL BE KEPT OFF THE MOUND AREA FOLLOWING CONSTRUCTION. IN ADDITION, NO EQUIPMENT SHALL BE ALLOWED IN THE MOUND AREA FOLLOWING PLOWING OF THE EXISTING SOIL.
4. MOUND SHALL BE ELEVATED AS REQUIRED TO PROVIDE A MINIMUM OF 2' OF NATURAL SOIL ABOVE BEDROCK AND A MINIMUM OF 1' ABOVE THE HIGH GROUND WATER ELEVATION.
5. THE SLOPE OF THE ORIGINAL GROUND SURFACE IN THE LOCATION OF THE MOUND SHALL NOT EXCEED 12%. THE SYSTEM SHALL BE ORIENTED TO RUN PARALLEL WITH THE NATURAL SITE CONTOURS.
6. THE ABSORPTION BED SAND SHALL MEET THE FOLLOWING CRITERIA:
  - A. < 10% PASSING #200 SIEVE
  - B. <= 25% PASSING #35 SIEVE TO #10 SIEVE
  - C. < 15% PASSING 1/2 SIEVE
  - D. PERCOLATION RATE OF BETWEEN 5 - 30 MIN./INCH
  - E. E.G.S. BETWEEN 0.15 - 0.30 MM
  - F. U.C. BETWEEN 4 - 6
  - G. TEST RESULTS TO BE SUBMITTED TO ENGINEER FOR APPROVAL
7. THE NATURAL VEGETATION SHALL NOT BE SCRAPPED AWAY WITH THE EXCEPTION OF TREES, STUMPS AND EXCESSIVE VEGETATION. THE PROPOSED MOUND AREA SHALL BE PLOWED TO A DEPTH OF 7' - 8' PREFERABLY WITH A DOUBLE-BOTTOM BLADE/FURROW PLOW WITH TURNED UPSLOPE OR A BACKHOE EQUIPPED WITH PLOWING BLADES. ALL TRAFFIC SHALL BE EXCLUDED FROM THE MOUND AREA FOLLOWING PLOWING.
8. DEPENDING ON DEPTH OF HIGH WATER MARK OR BEDROCK, THE ENTIRE MOUND MAY BE ADJUSTED UP OR DOWN. ALL REQUIRED CLEARANCES AND MINIMUM SLOPES MUST BE MAINTAINED. IF ADJUSTMENTS ARE MADE TO THE MOUND, THE ENGINEER SHALL BE NOTIFIED PRIOR TO START OF INSTALLATION.

NOTE: ASTM C33 WASHED CONCRETE SAND WILL TYPICALLY MEET THE ABOVE SUGGESTED MOUND SAND CRITERIA AND WILL TYPICALLY BE AVAILABLE AT MOST SAND AND GRAVEL DISTRIBUTORS; HOWEVER, THIS MATERIAL WILL OFTEN HAVE A PERC RATE FASTER THAN THE MINIMUM OF 5 MINUTES PER INCH. THE PERCOLATION RATE SHALL BE VERIFIED AND TAKE PRECEDENCE TO THE FILL GRADATION REQUIREMENTS WHEN A MOUND IS PLACED OVER VERY SLOW PERCOLATING SOIL TO AVOID RAPID WEEPING OF FLUIDS AT THE GROUND SURFACE.



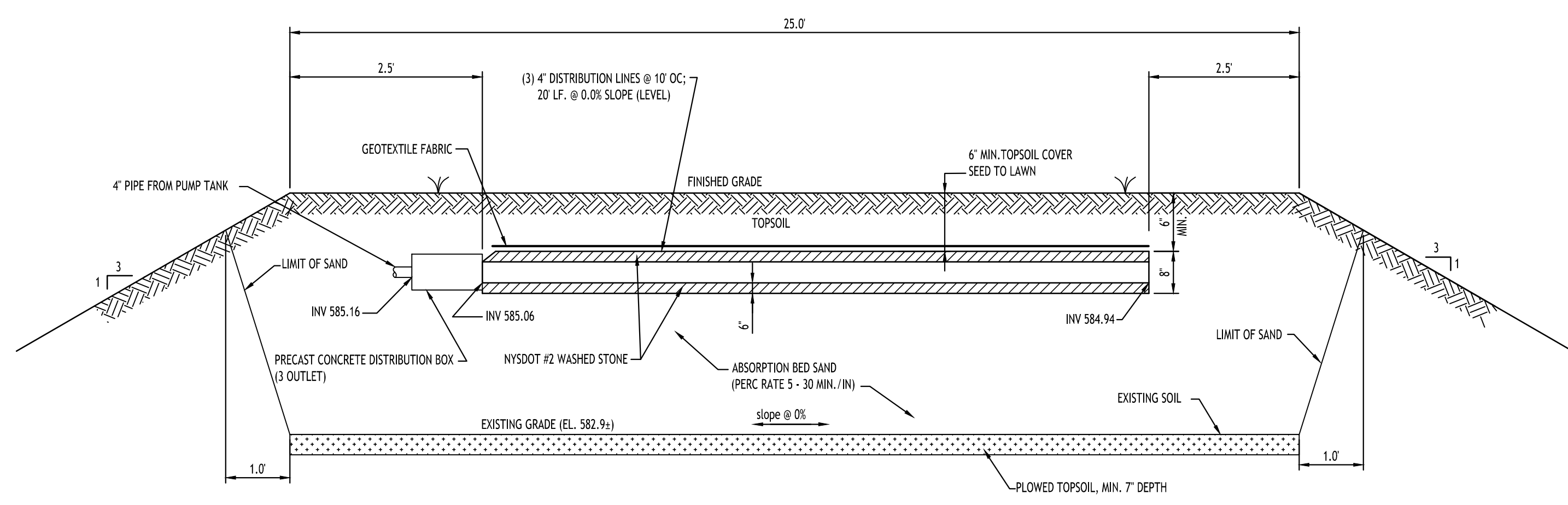
**MOUND PLAN**  
SCALE: N.T.S.

**SIZING CALCULATION:**  
DAILY FLOW = 450 GPD  
PERC. RATE OF EX. UNDERLYING SOIL: > 60 MIN.  
APPLICATION RATE BASED ON PERC. RATE = 1 GPD/SF  
BASAL AREA REQD = 450 GPD / 1 GPD/SF = 450 SF  
BASAL AREA PROVIDED = 450 SF



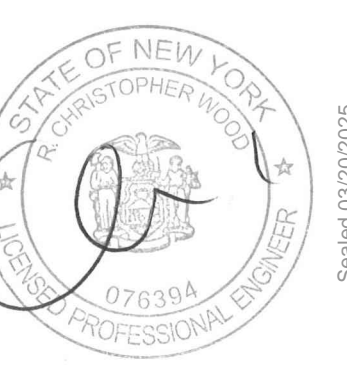
**MOUND SECTION B-B**  
SCALE: N.T.S.

The absorption bed sand shall meet the following criteria:  
1. < 10% passing #200 sieve  
2. <= 25% between 0.5 mm to 2.0 mm  
3. Percolation rate of between 5 - 30 min/inch



**MOUND SECTION A-A**  
SCALE: N.T.S.

| REVISIONS: | No. | Description            | Date       |
|------------|-----|------------------------|------------|
|            | 1   | Rev. Per Town Comments | 03/21/2025 |

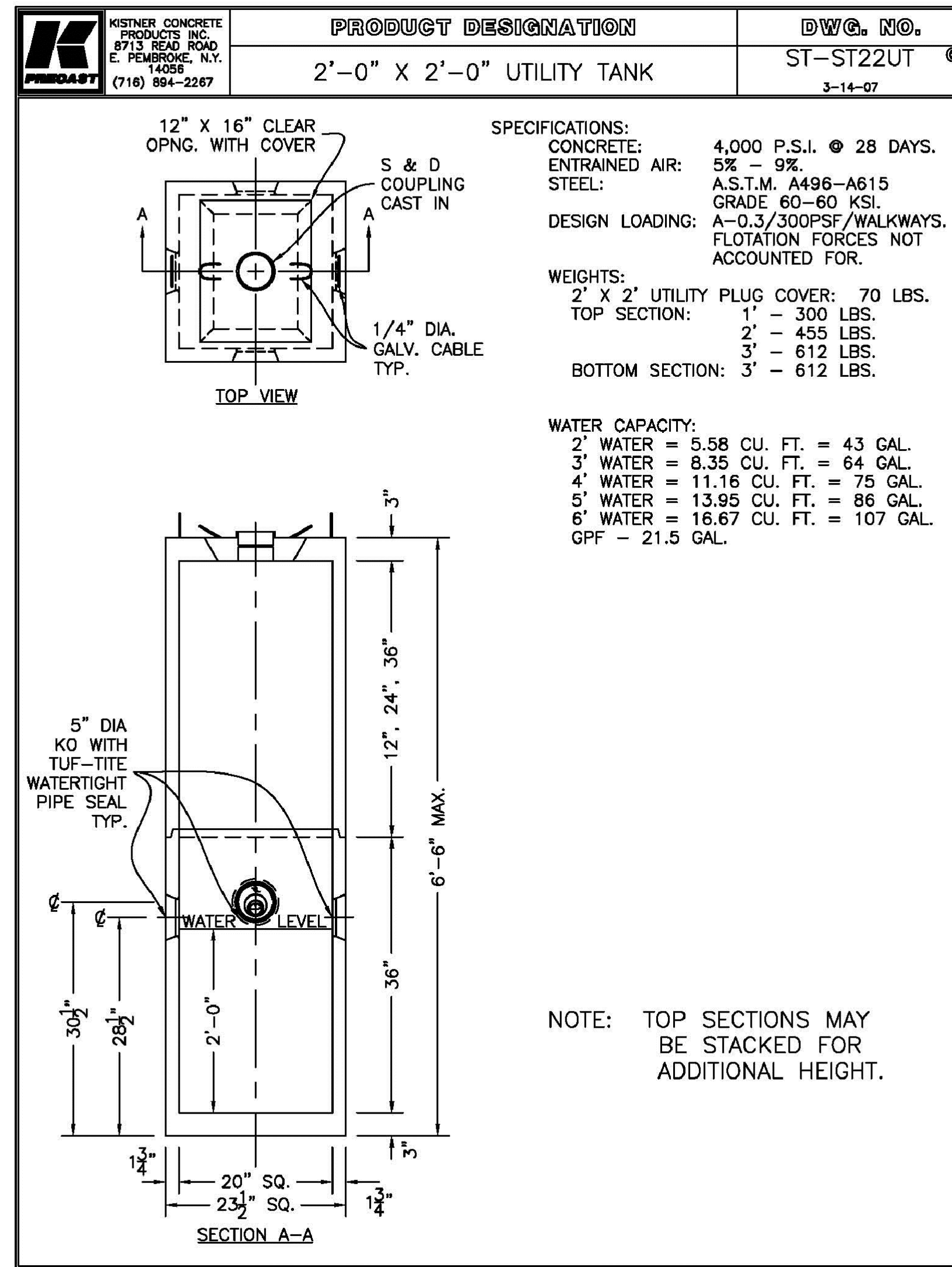


**TOWN OF AMHERST APPROVAL BOX:**

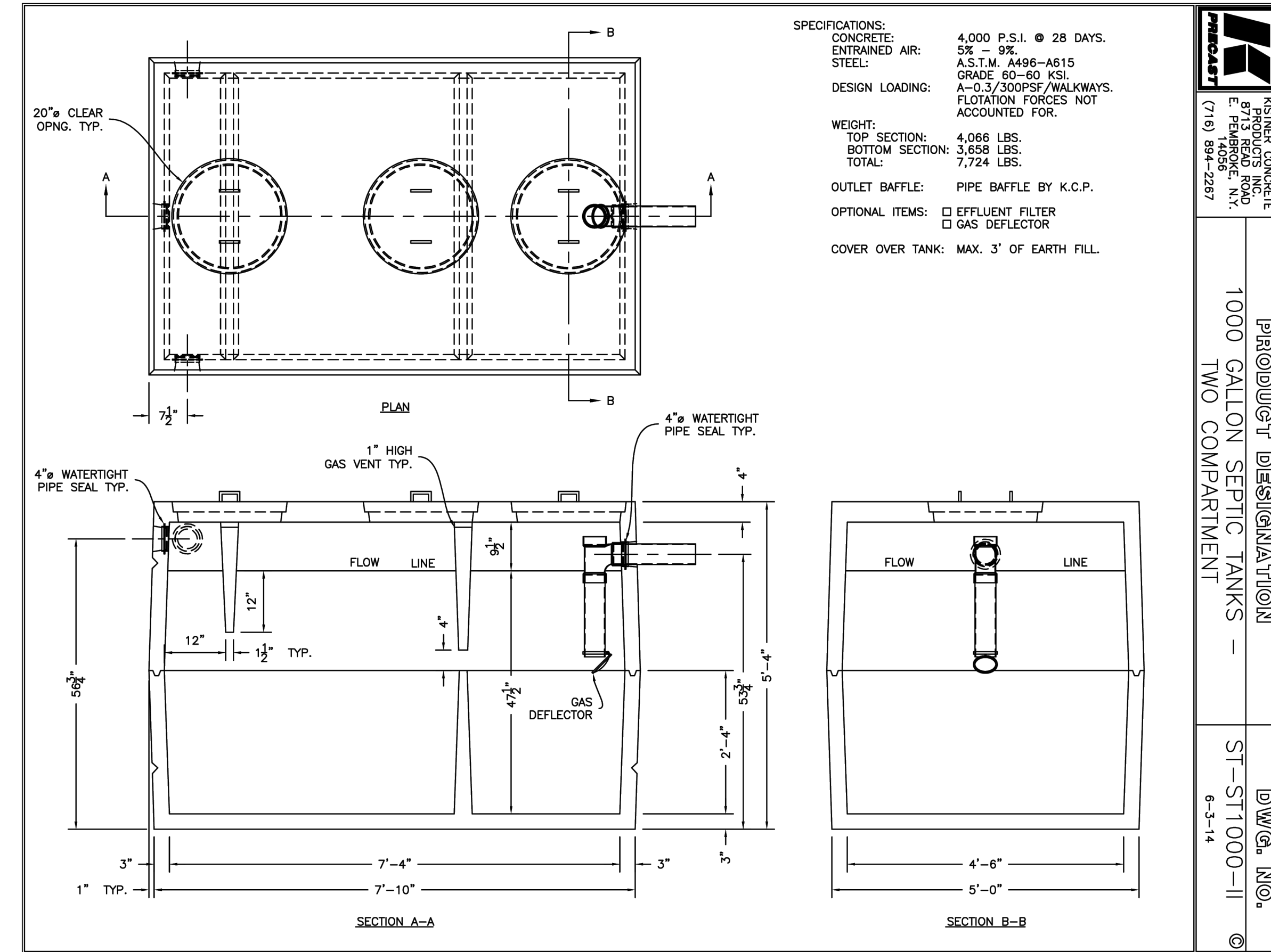
**DRAWING NAME:**  
Utility Details

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

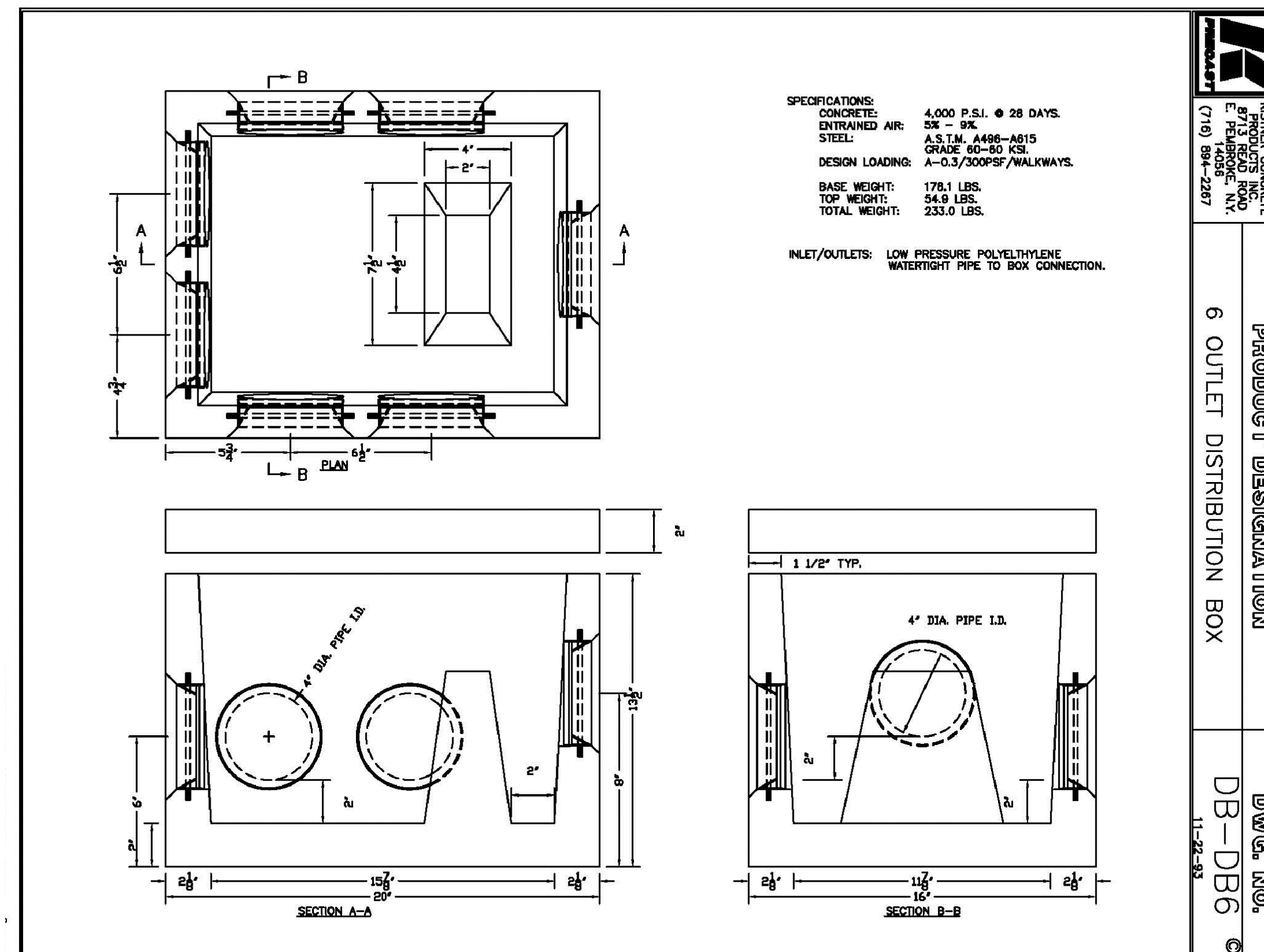
**DRAWING NO.:**  
**C-401**  
Project No: 24.4019



D:\Drawings\Product Workbooks\0016-Utility Tanks\ST22UT.DWG, TB-008



|   |  |                 |
|---|--|-----------------|
|  | <b>PRODUCT DESIGNATION</b>                 | <b>DWG. NO.</b> |
|   | 1000 GALLON SEPTIC TANKS - TWO COMPARTMENT | ST-ST1000-II    |



D:\Drawings\Product Workbooks\0016-Utility Tanks\ST22UT.DWG, TB-008



DRAWING NAME:  
Utility Details

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

DRAWING NO.:

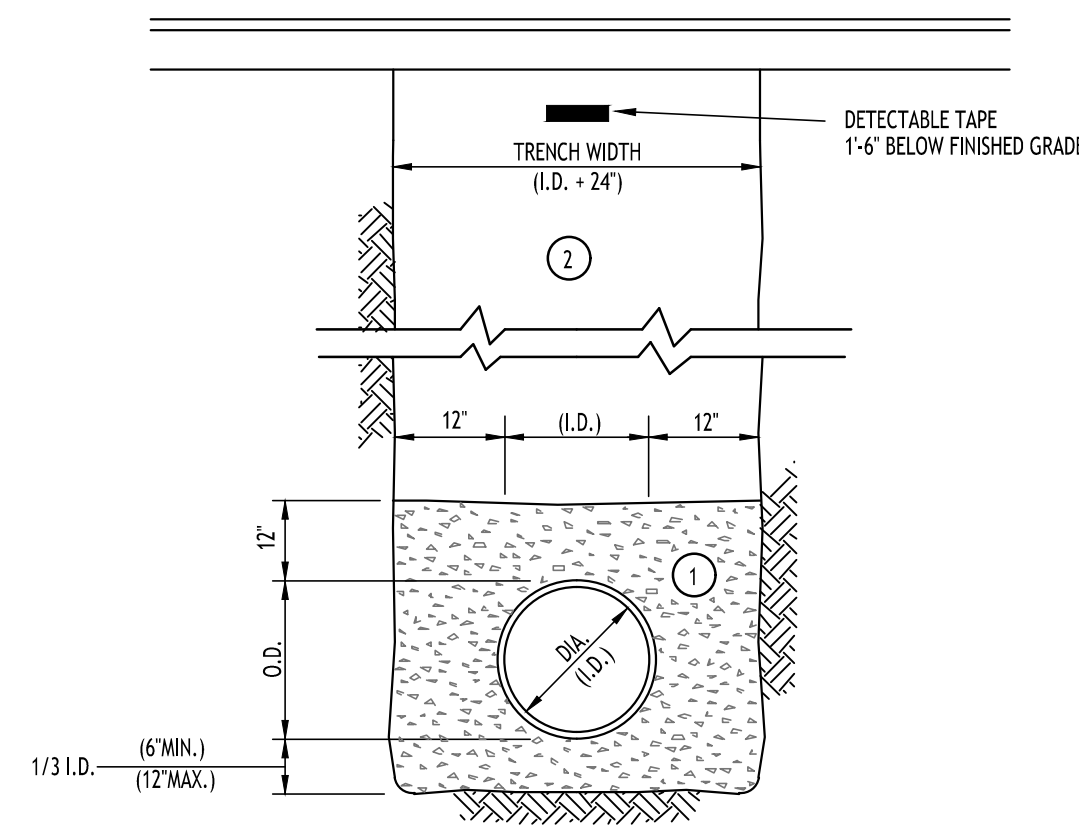
**C-402**

Project No: 24.4019

|            |                          |            |
|------------|--------------------------|------------|
| REVISIONS: | No. Description          | Date       |
|            | 1 Rev. Per Town Comments | 03/21/2025 |

**Proposed Warehouse Building**  
5500 Millersport Highway  
Amherst, New York

**CARMINA WOOD**  
DESIGN  
Buffalo | Utica | Greensboro



- NOTES:
- A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
  - B. TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
  - C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
  - D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

**MATERIALS**

**PIPE BEDDING MATERIAL (NYS DOT 1985 EDITION)**

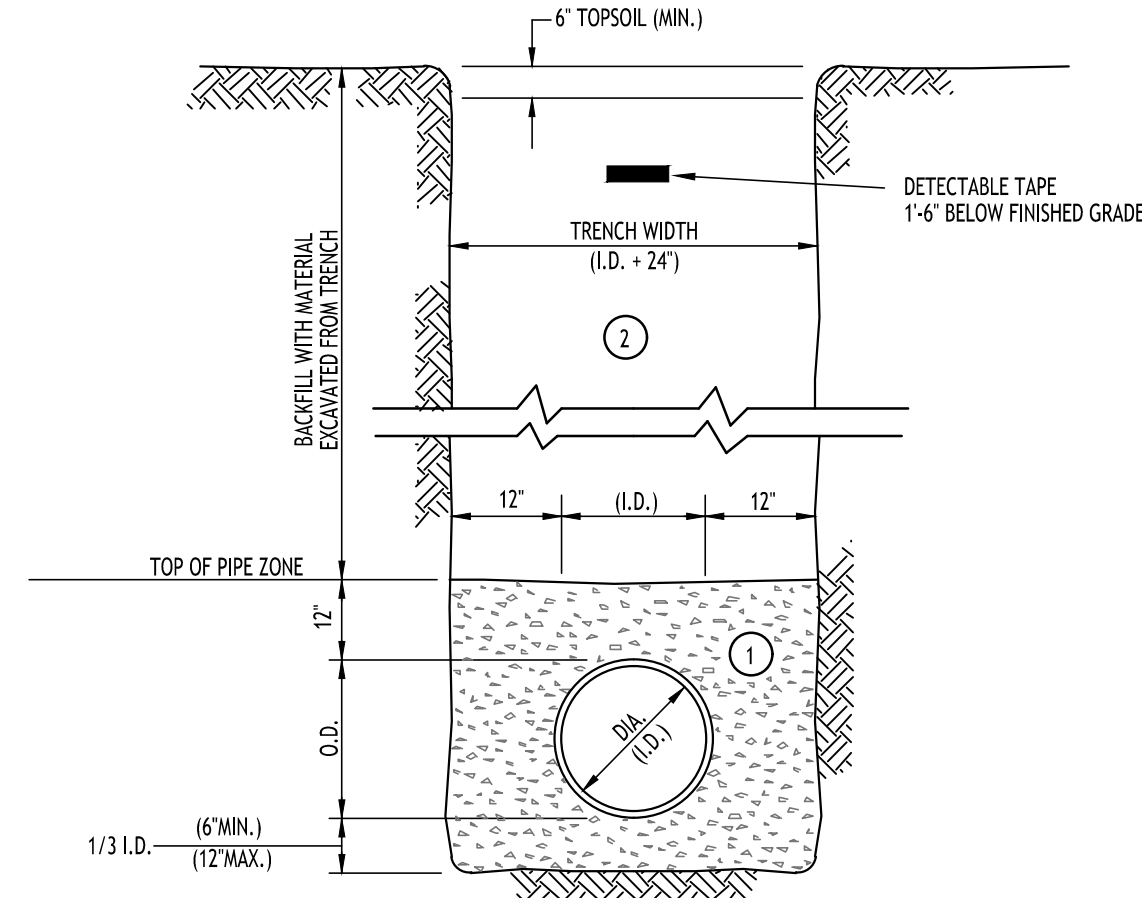
- 1 NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYS DOT SECTION 703-02. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.

NO SLAG SHALL BE ALLOWED FOR MATERIAL 1

- 2 TYPE 2 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYS DOT SECTION 304-2.02 TYPE 2. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN TWO INCHES AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.

NO SLAG SHALL BE ALLOWED FOR MATERIAL 2

**SEWER/WATERLINE TRENCH SECTION IN PAVED AREAS**  
NOT TO SCALE



- NOTES:
- A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
  - B. TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
  - C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
  - D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

**MATERIALS**

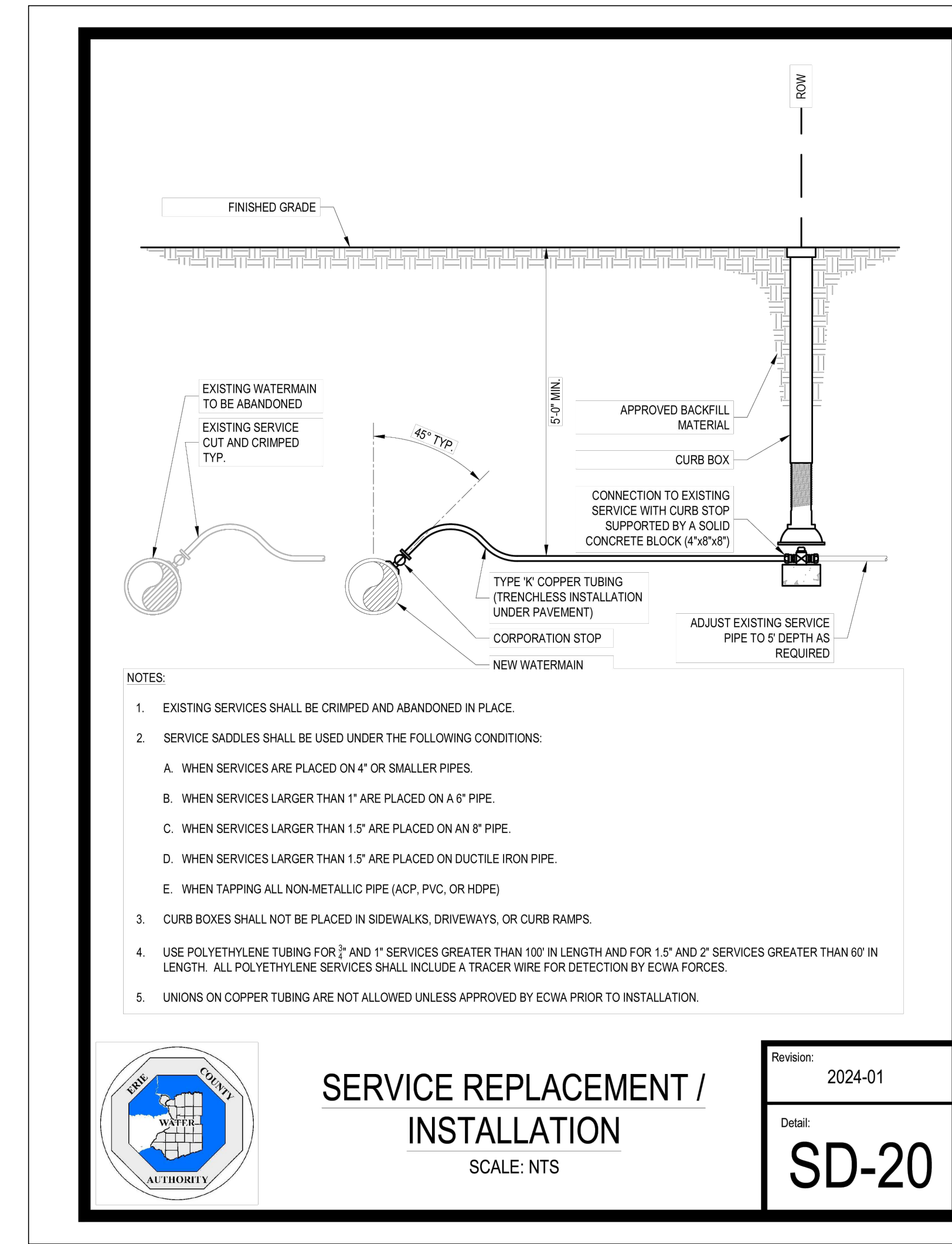
**PIPE BEDDING MATERIAL (NYS DOT 1985 EDITION)**

- 1 NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYS DOT SECTION 703-02. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.

NO SLAG SHALL BE ALLOWED FOR MATERIAL 1

- 2 BACKFILL MATERIAL SHALL BE NATIVE SOIL CONTAINING NO UNSUITABLE MATERIAL COMPACTED IN 6" LIFTS.

**SEWER/WATERLINE TRENCH SECTION IN UNPAVED AREAS**  
NOT TO SCALE

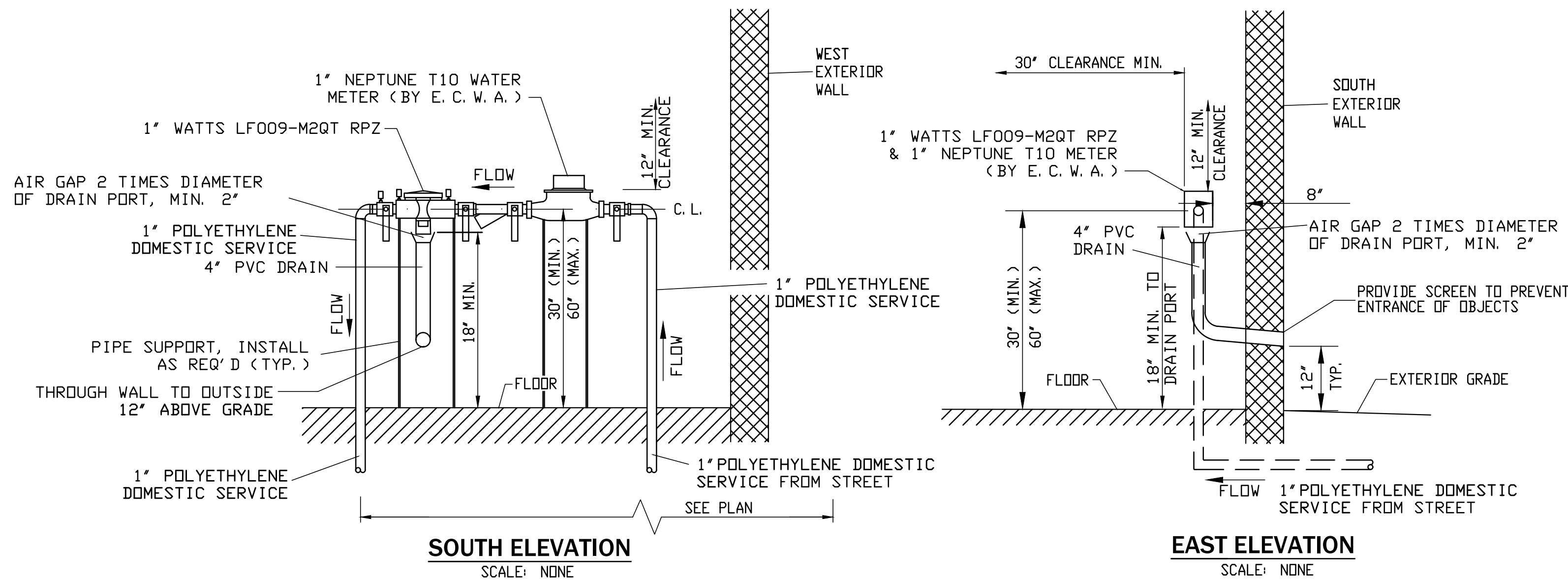


- NOTES:
1. EXISTING SERVICES SHALL BE CRIMPED AND ABANDONED IN PLACE.
  2. SERVICE SADDLES SHALL BE USED UNDER THE FOLLOWING CONDITIONS:
    - A. WHEN SERVICES ARE PLACED ON 4" OR SMALLER PIPES.
    - B. WHEN SERVICES LARGER THAN 1" ARE PLACED ON A 6" PIPE.
    - C. WHEN SERVICES LARGER THAN 1.5" ARE PLACED ON AN 8" PIPE.
    - D. WHEN SERVICES LARGER THAN 1.5" ARE PLACED ON DUCTILE IRON PIPE.
    - E. WHEN TAPPING ALL NON-METALLIC PIPE (ACP, PVC, OR HDPE).
  3. CURB BOXES SHALL NOT BE PLACED IN SIDEWALKS, DRIVEWAYS, OR CURB RAMPS.
  4. USE POLYETHYLENE TUBING FOR 1/2" AND 1" SERVICES GREATER THAN 100' IN LENGTH AND FOR 1.5" AND 2" SERVICES GREATER THAN 60' IN LENGTH. ALL POLYETHYLENE SERVICES SHALL INCLUDE A TRACER WIRE FOR DETECTION BY ECWA FORCES.
  5. UNIONS ON COPPER TUBING ARE NOT ALLOWED UNLESS APPROVED BY ECWA PRIOR TO INSTALLATION.



**SERVICE REPLACEMENT / INSTALLATION**  
SCALE: NTS

|           |              |
|-----------|--------------|
| Revision: | 2024-01      |
| Detail:   | <b>SD-20</b> |



**1.5" DOMESTIC SERVICE BACKFLOW PREVENTER INSTALLATION**

- NOTES:
1. NO TAPS TO BE MADE UPSTREAM OF RPZ & METER.
  2. HEAT, LIGHT AND ELECTRIC TO BE PROVIDED AT RPZ LOCATION.
  3. COORDINATE LOCATION WITH ARCHITECTURAL PLANS.

TOWN OF AMHERST APPROVAL BOX:

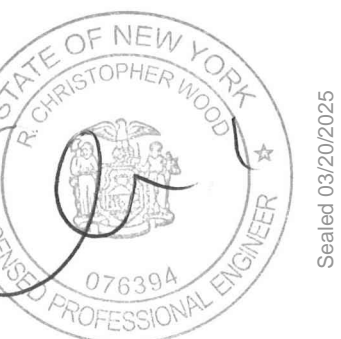
DRAWING NAME:  
Utility Details

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

DRAWING NO.  
**C-403**  
Project No: 24.4019

REVISIONS:

| No. | Description            | Date       |
|-----|------------------------|------------|
| 1   | Rev. Per Town Comments | 03/21/2025 |



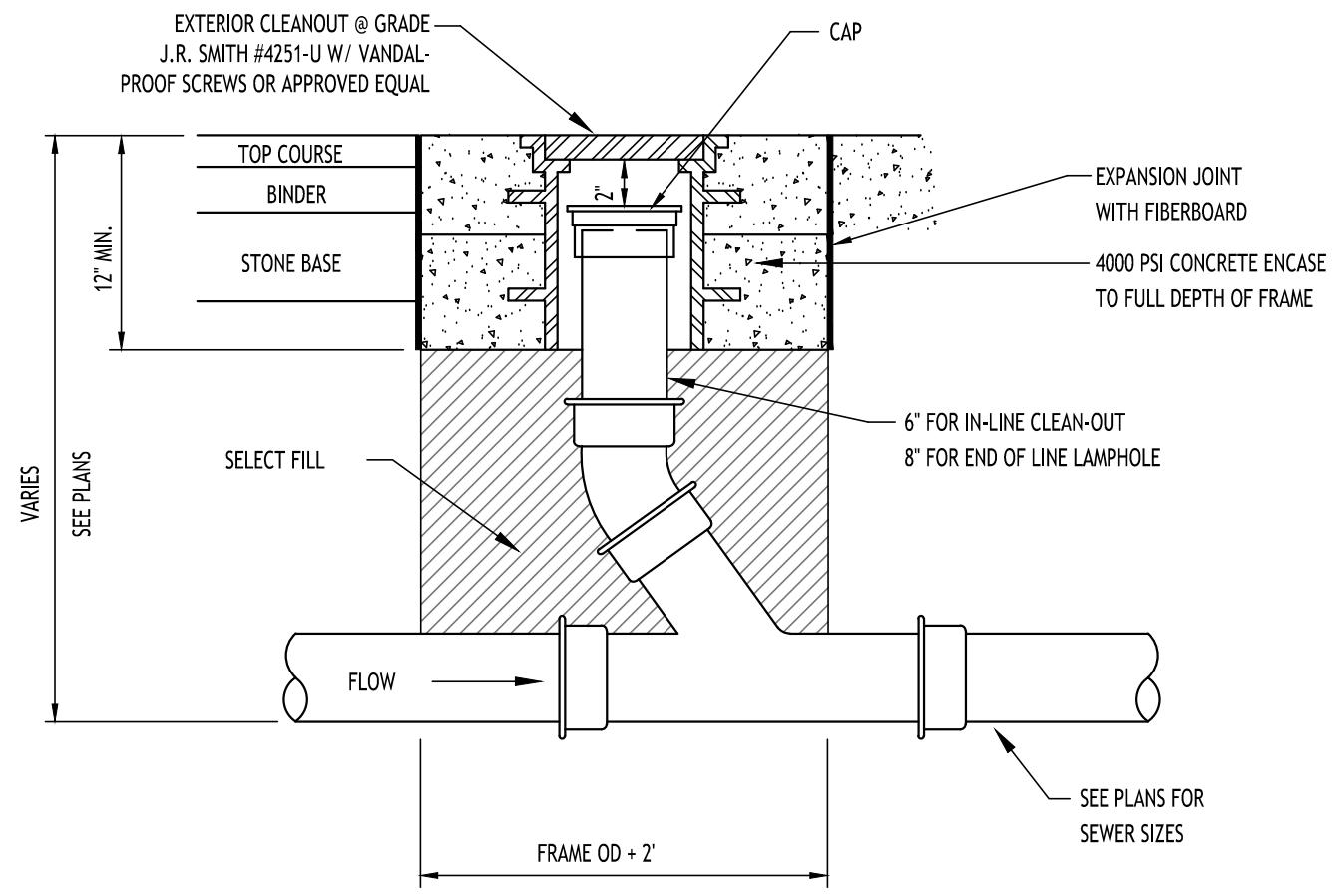
DRAWING NAME:  
Utility Details

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

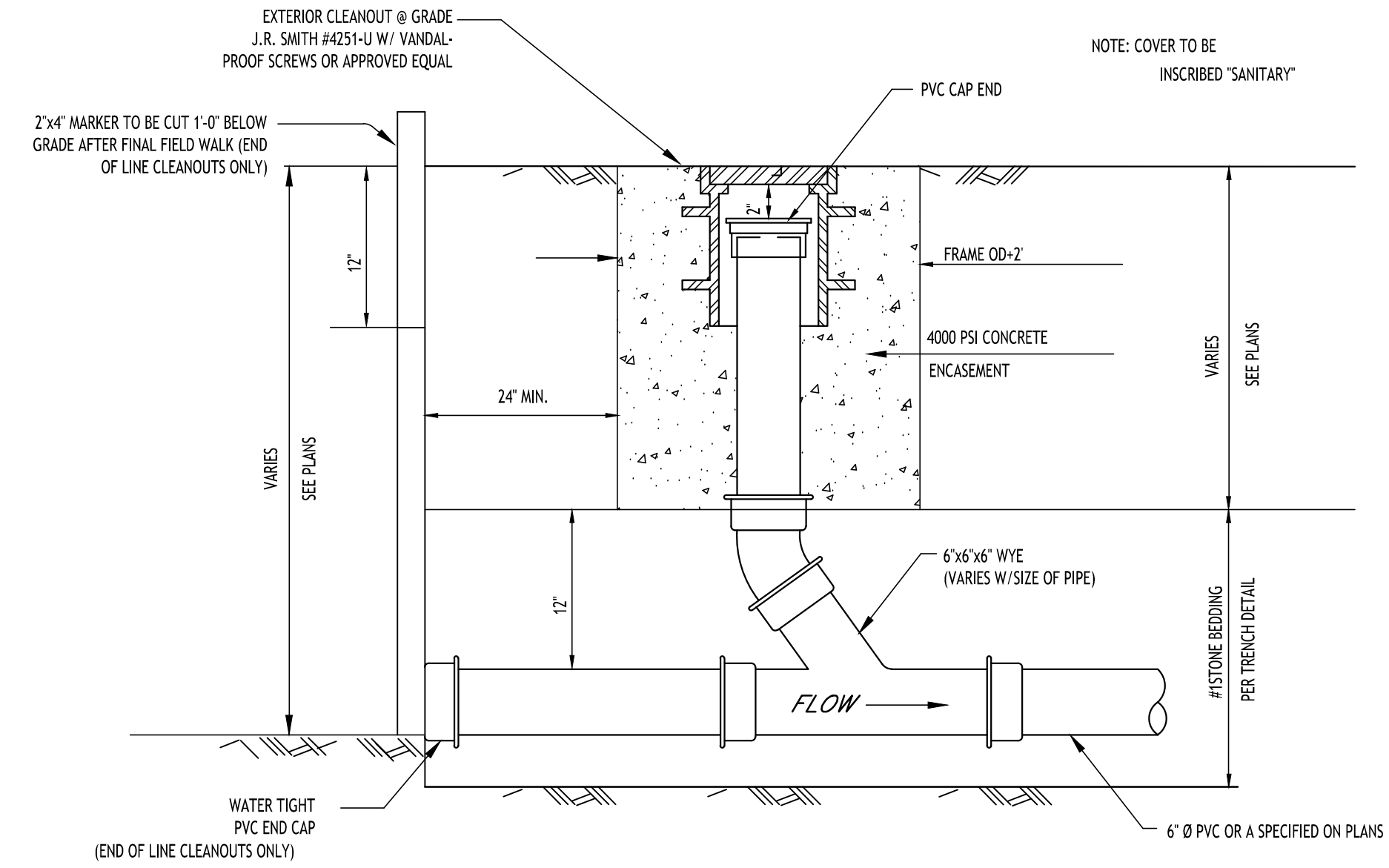
DRAWING NO.

**C-403**

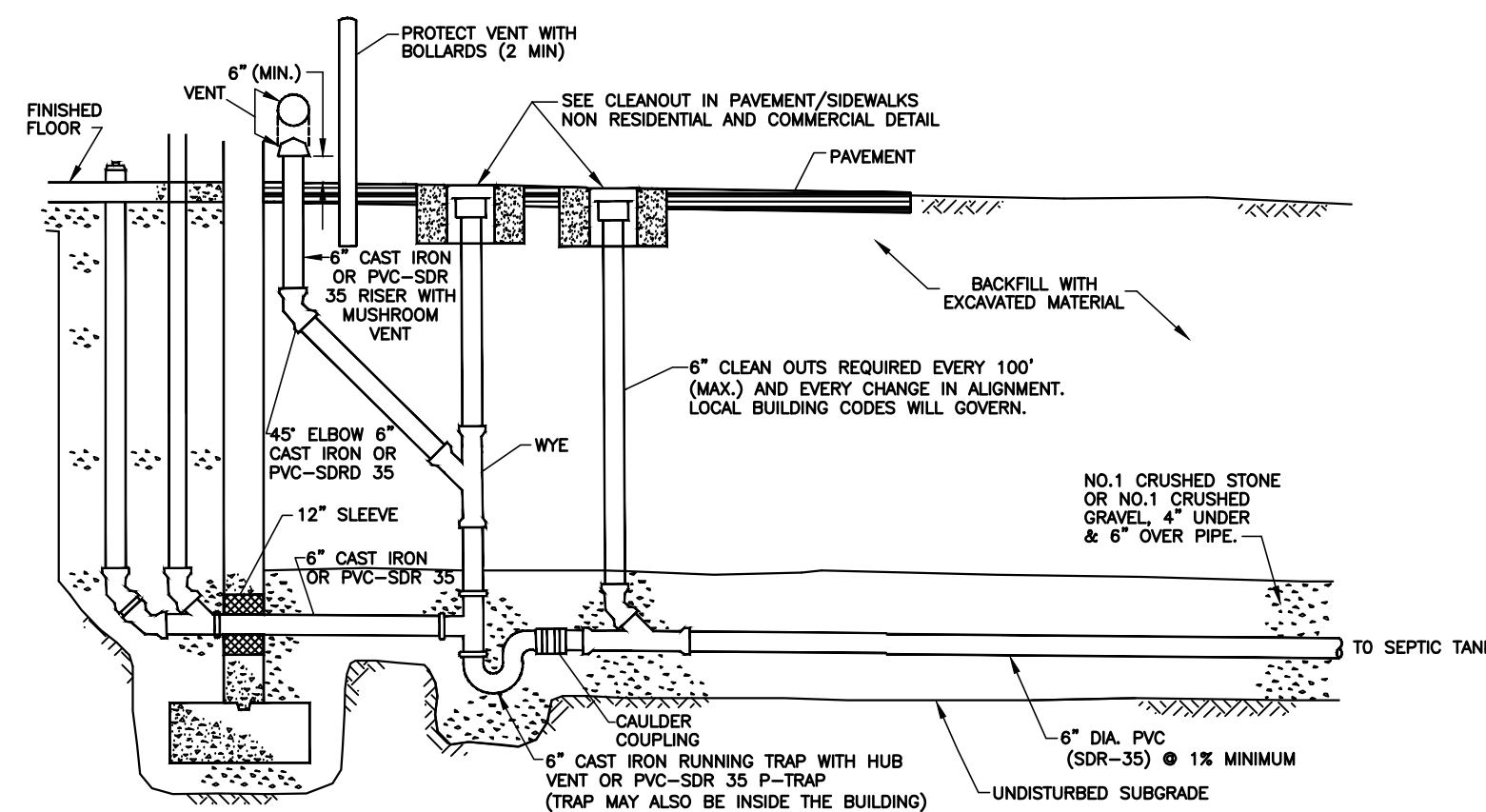
Project No: 24.4019



LAMPHOLE/CLEANOUT IN PAVEMENT/SIDEWALK  
NOT TO SCALE



LAMPHOLE/CLEANOUT IN LAWN/FIELD AREAS  
NOT TO SCALE



- NOTES:
- PVC PIPE MATERIAL SHALL BE MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST REVISION SPECIFICATION D-3033/D-3034. CAST IRON PIPE MATERIAL SHALL BE EXTRA HEAVY CAST IRON MEETING THE REQUIREMENTS OF ASTM A14-12.
  - SELECT BACKFILL REQUIRED UNDER PAVED AREAS.
  - CONCRETE ENCASUREMENT IF COVER DEPTH IS LESS THAN 4\"/>

TYPICAL COMMERCIAL SERVICE WITHOUT BASEMENT DETAIL

TOWN OF AMHERST APPROVAL BOX:

DRAWING NAME:  
Utility Details

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

DRAWING NO.  
**C-404**

Project No: 24.4019

REVISIONS:

| No. | Description            | Date       |
|-----|------------------------|------------|
| 1   | Rev. Per Town Comments | 03/21/2025 |



All Rights Reserved. Reuse of these documents without the expressed written permission of CARMINA WOOD DESIGN is prohibited. Warning it is a violation of article 45 of the New York State Education Law to alter this drawing. If altered such R.A., P.E. or L.L.S. shall affix his or her seal, signature, the date the alteration was made and a specific description of the alteration.

© CARMINA WOOD DESIGN

**PER TOWN OF AMHERST CODE:**  
 ALL REFUSE CONTAINERS & ALL MECHANICAL EQUIPMENT, UTILITY STRUCTURES, MULTIPLE METER BOARDS, GENERATORS, RPZS, & SIMILAR APPURTENANCES, INCLUDING THOSE WHICH ARE MOUNTED ON ANY PART OF A PRIMARY STRUCTURE SHALL BE SHOWN ON THE SITE PLAN & APPROPRIATELY SCREENED W/ A FENCE, WALL, &/OR LANDSCAPING AS REQUIRED BY 203-7-2-4(C) & 203-7-2-4(D) OF TOWN CODE. SUCH SCREENING SHALL BE SHOWN ON THE PLANS SUBMITTED FOR REVIEW. PROVIDE GATE ON REFUSE ENCLOSURE THAT SHALL BE CLOSED WHENEVER REFUSE CONTAINER(S) ARE NOT BEING SERVICED & ENCLOSURE SHALL BE HIGH ENOUGH TO SCREEN THE REFUSE CONTAINERS WITHIN.

**PER TOWN OF AMHERST CODE:**  
 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 AS PER ZONING ORDINANCE 7-2-3(B)(3).

**PLANT LIST**

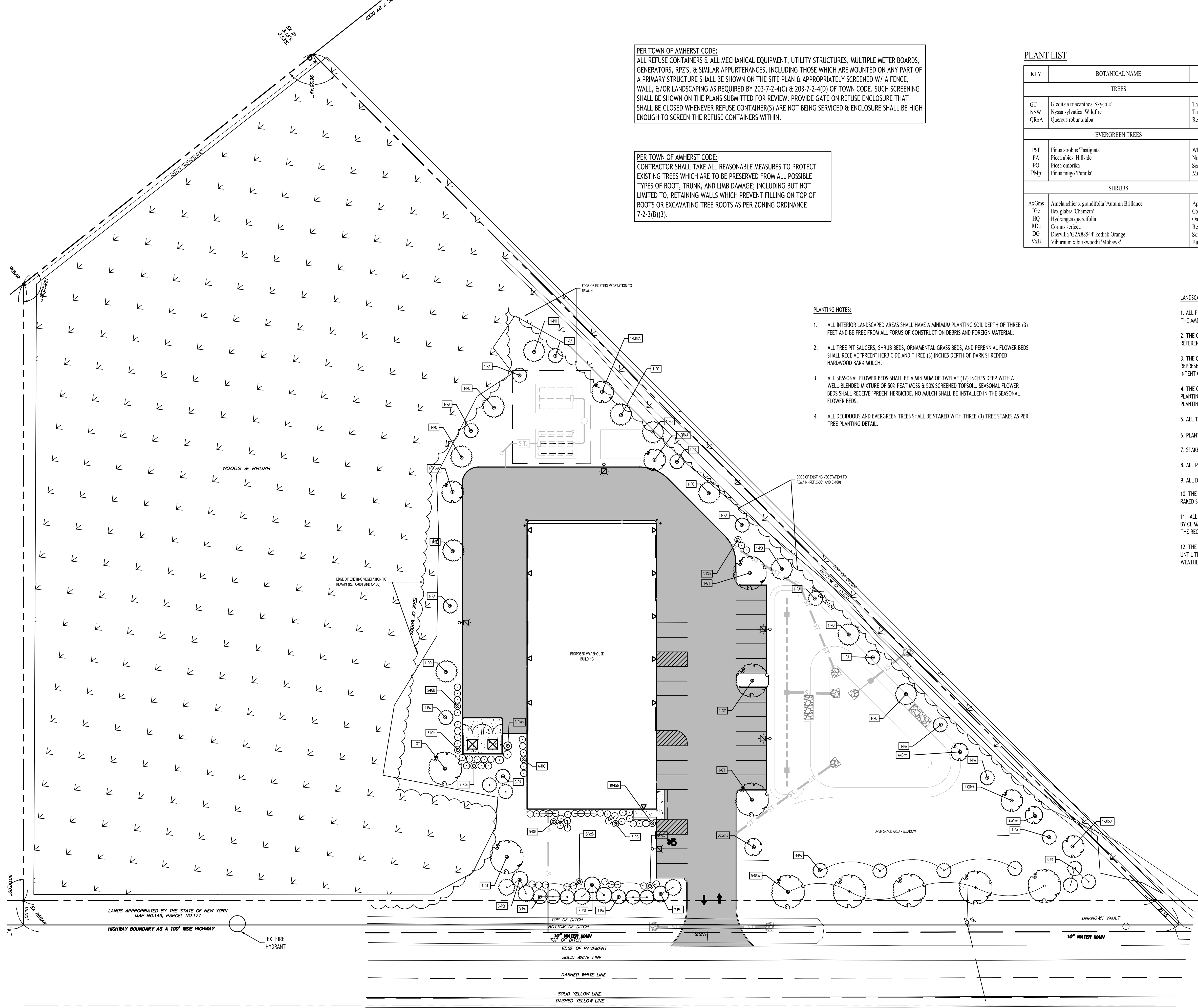
| KEY             | BOTANICAL NAME                                | COMMON NAME                        | CAL.   | SIZE        | ROOT | QUANTITY | NOTES                             |
|-----------------|---|------------------------------------|--------|-------------|------|----------|-----------------------------------|
| TREES           |   |                                    |        |             |      |          |                                   |
| GT              | Gleditsia triacanthos 'Skycole'               | Thornless Honey Locust - Skyline   | 2 1/2" |             | B&B  | 6        | Grows to 40', high, 35' wide      |
| NSW             | Nyssa sylvatica 'Wildfire'                    | Tupelo 'Wildfire'                  | 2 1/2" |             | B&B  | 5        | Grows to 50', high, 15' wide      |
| QRAA            | Quercus robur x alba                          | Regal Prince Oak                   | 2 1/2" |             | B&B  | 5        | Grows to 45', high, 15' wide      |
| EVERGREEN TREES |   |                                    |        |             |      |          |                                   |
| PSF             | Pinus strobus 'Fastigata'                     | White Pine-Columnar                |        | 6-8'Min.    | B&B  | 8        | Grows to 30-40', high, 7-10' wide |
| PA              | Picea abies 'Hillside'                        | Norway Spruce - upright - Hillside |        | 6-8'Min.    | B&B  | 28       | Grows to 25', high, 6-8' wide     |
| PO              | Picea omorika                                 | Serbian Spruce                     |        | 5' Min.     | B&B  | 12       | Grows to 25', high, 4-6' wide     |
| PMp             | Pinus mugo 'Pumila'                           | Mugo Pine                          |        | 18-24" Min. | B&B  | 3        | Grows to 3', high, 4-6' wide      |
| SHRUBS          |   |                                    |        |             |      |          |                                   |
| AsGms           | Amelanchier x grandifolia 'Autumn Brilliance' | Apple Serviceberry                 |        | 3 Gal.      |      | 3        | Grows to 8-10', high, 10-12' wide |
| IGc             | Ilex glabra 'Chamin'                          | Compact Inkberry Holly             |        | 3 Gal.      |      | 31       | Grows to 4', high, 4-6' wide      |
| IRJ             | Hydrangea quercifolia                         | Oak Leaf Hydrangea                 |        | #3 Cont.    |      | 6        | Grows to 8-15', high, 4-8' wide   |
| RDE             | Cornus sericea                                | Red Twig Dogwood                   |        | #2 Cont.    |      | 7        | Grows to 5', high, 4-5' wide      |
| DG              | Diervilla 'G2X88544' kodak Orange             | Southern Bush Honeysuckle          |        | #3 Cont.    |      | 9        | Grows to 4' high, 3-4' wide       |
| VxB             | Viburnum x burkwoodii 'Mohawk'                | Burkwood Viburnum                  |        | #3 Cont.    |      | 12       | Grows to 7' high, 6' wide         |

**PLANTING NOTES:**

- ALL INTERIOR LANDSCAPED AREAS SHALL HAVE A MINIMUM PLANTING SOIL DEPTH OF THREE (3) FEET AND BE FREE FROM ALL FORMS OF CONSTRUCTION DEBRIS AND FOREIGN MATERIAL.
- ALL TREE PIT SAUCERS, SHRUB BEDS, ORNAMENTAL GRASS BEDS, AND PERENNIAL FLOWER BEDS SHALL RECEIVE 'PREEN' HERBICIDE AND THREE (3) INCHES DEPTH OF DARK SHREDDED HARDWOOD BARK MULCH.
- ALL SEASONAL FLOWER BEDS SHALL BE A MINIMUM OF TWELVE (12) INCHES DEEP WITH A WELL-BLENDED MIXTURE OF 50% PEAT MOSS & 50% SCREENED TOPSOIL. SEASONAL FLOWER BEDS SHALL RECEIVE 'PREEN' HERBICIDE. NO MULCH SHALL BE INSTALLED IN THE SEASONAL FLOWER BEDS.
- ALL DECIDUOUS AND EVERGREEN TREES SHALL BE STAKED WITH THREE (3) TREE STAKES AS PER TREE PLANTING DETAIL.

**LANDSCAPE NOTES:**

- ALL PLANTS INSTALLED SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS NOTED ON THE PLANS AND IN THE LATEST EDITION ON THE AMERICAN STANDARD FOR NURSERY STOCK, BY THE AMERICAN ASSOCIATION OF NURSEYMEN, ANSI Z60.1
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY TAKEOFF, THE QUANTITIES SHOWN ARE A MINIMUM AND ARE FOR REFERENCE ONLY.
- THE CONTRACTOR SHALL PERFORM A ROUGH FIELD STAKEOUT OF ALL PLANTING MATERIAL LOCATIONS AND CONTACT THE OWNERS FIELD REPRESENTATIVE PRIOR TO ACTUAL INSTALLING. THE PLANTING MATERIAL LOCATIONS SHOWN ON THE PLANS ARE TO CONVEY THE DESIGN INTENT ONLY, ACTUAL LOCATIONS WILL BE FINALIZED BY THE OWNERS FIELD REPRESENTATIVE AT THE TIME OF INSTALLATION.
- THE CONTRACTOR IS HEREBY NOTIFIED THAT IF UNDERGROUND UTILITIES EXIST IN THE VICINITY OF THE PLANTINGS, ALL PROPOSED PLANTINGS SHALL BE INSTALLED A MINIMUM OF 5' FROM ANY UNDERGROUND UTILITY, CONTACT THE OWNERS FIELD REPRESENTATIVE IF PLANTINGS SHOWN ON THE PLANS VIOLATE THIS SITUATION.
- ALL TREES SHALL BE INSTALLED A MINIMUM OF 20' FROM ANY OVERHEAD ELECTRIC LINES.
- PLANTING BACKFILL MIXTURE SHALL CONSIST OF 3 PARTS TOPSOIL, 1 PART PEAT MOSS, 1/2 PART MILORGANITE.
- STAKE TREES IMMEDIATELY FOLLOWING INSTALLATION.
- ALL PLANTED AREAS SHALL RECEIVE A 3" LAYER OF SHREDDED HARDWOOD BARK MULCH WITH 'PREEN'.
- ALL DISTURBED AREAS NOT RECEIVING PLANTINGS (INCLUDING RIGHT-OF-WAYS) SHALL BE SEEDED.
- THE AREAS ON THE PLAN TO BE SEEDED SHALL HAVE 4" MINIMUM OF TOPSOIL, DISK PLOWED, LEVELED AND HAND RAKED SMOOTH. SURFACE SHALL BE ROLLED TO REMOVE LUMPS.
- ALL SEEDED AREAS SHALL BE HYDROSEEDING IN ACCORDANCE WITH THE SPECIFICATION INDICATED. WHERE REQUIRED BY CLIMATIC CONDITIONS, SLOPE OR SEASON OF PLANTING, SOO MAY BE SUBSTITUTED FOR SEEDING IN ORDER TO ACHIEVE THE REQUIRED COVERAGE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING, MOWING AND OTHER MAINTENANCE TO SEEDED AREAS UNTIL THE PROJECT IS ACCEPTED BY THE OWNER. THIS SHALL INCLUDE WATERING DAILY FOR 15 DAYS OR AS REQUIRED BY WEATHER CONDITIONS AND RE-SEEDING OF THIN SPOTS FOLLOWING THE GERMINATION OF THE SEEDS.



**LEGEND**

|                         |  |
|-------------------------|--|
| DECIDUOUS TREE          |  |
| SMALL TREE              |  |
| EVERGREEN TREE / SHRUB  |  |
| BUSH / ORNAMENTAL GRASS |  |
| PERENNIAL               |  |

**PER TOWN OF AMHERST CODE:**  
 ALL DEAD OR MISSING EXISTING PLANTS FROM THE PREVIOUSLY APPROVED SITE PLANS SHALL BE REPLACED/INSTALLED PER ZONING ORDINANCE 7-2-3(A)(1). CONTRACTOR SHALL REFER TO PREVIOUSLY APPROVED SITE AND LANDSCAPE PLANS BY OTHERS FOR ALL LANDSCAPE REFERENCES.

**TOWN OF AMHERST APPROVAL BOX:**

DRAWING NAME:  
**Landscape Plan**

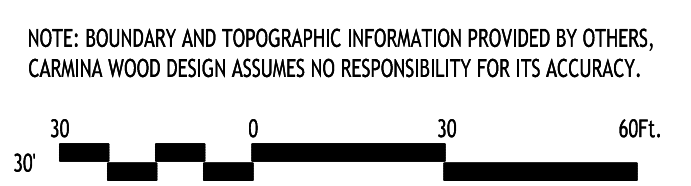
Date: 11/19/24  
 Drawn By: C. Wood  
 Scale: As Noted

DRAWING NO.  
**L-100**

Project No: 24.4019

**MILLERSPORT (130' WIDE) HIGHWAY**  
 N.Y. RTE. 263

**Landscape Plan**  
 SCALE: 1"=30'



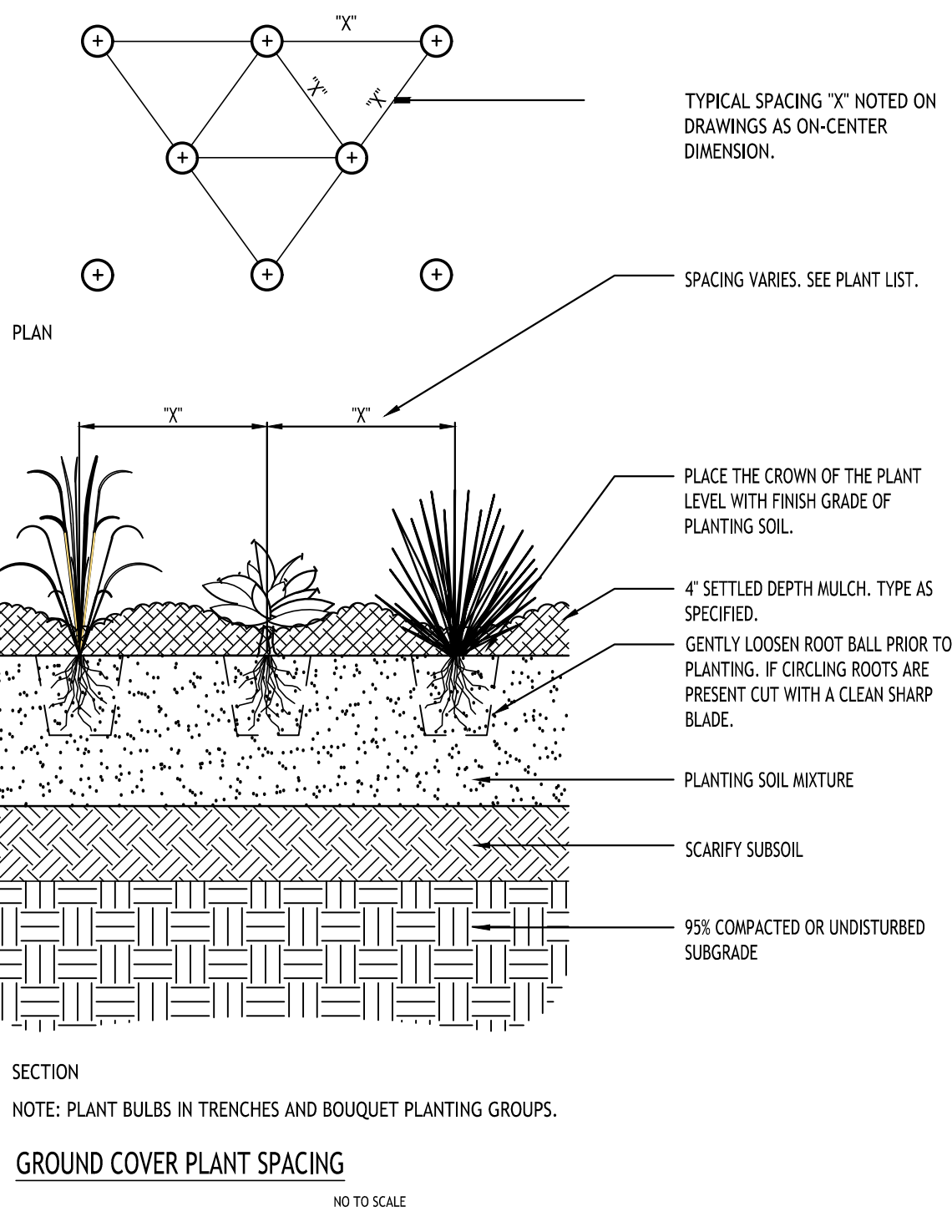
**REVISIONS:**

| No. | Description            | Date       |
|-----|------------------------|------------|
| 1   | Rev. Per Town Comments | 03/21/2025 |

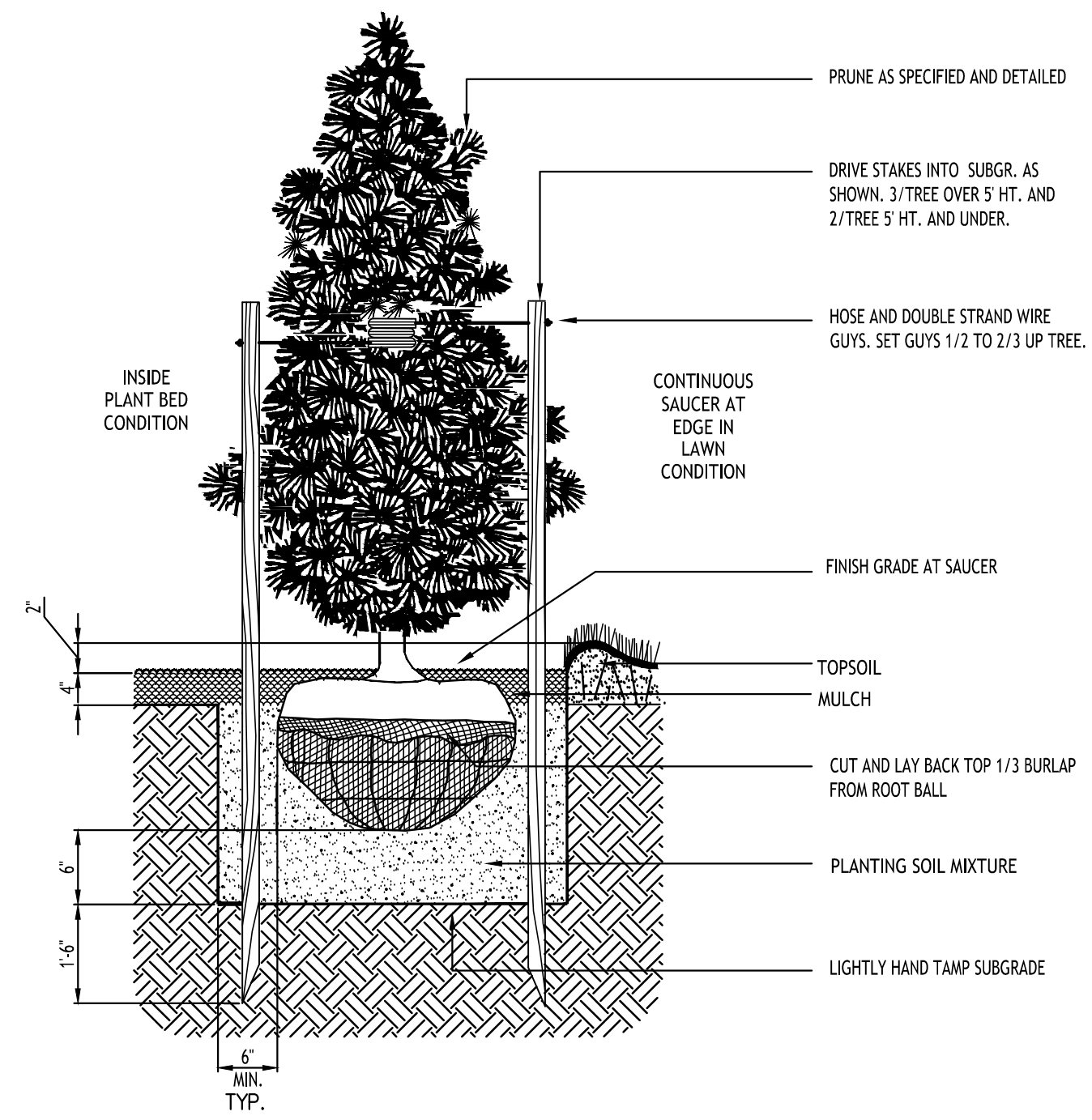


All Rights Reserved. Reuse of these documents without the expressed written permission of CARMINA WOOD DESIGN is prohibited. WARNING: It is a violation of article 145 sections 209(1) and 201 of the New York State Education Law for any person, unless acting under the direction of a registered architect, licensed engineer or land surveyor to prepare or cause to be prepared any drawing, plan, specification, report, or other document, the date the location, nature, or extent of the alteration.

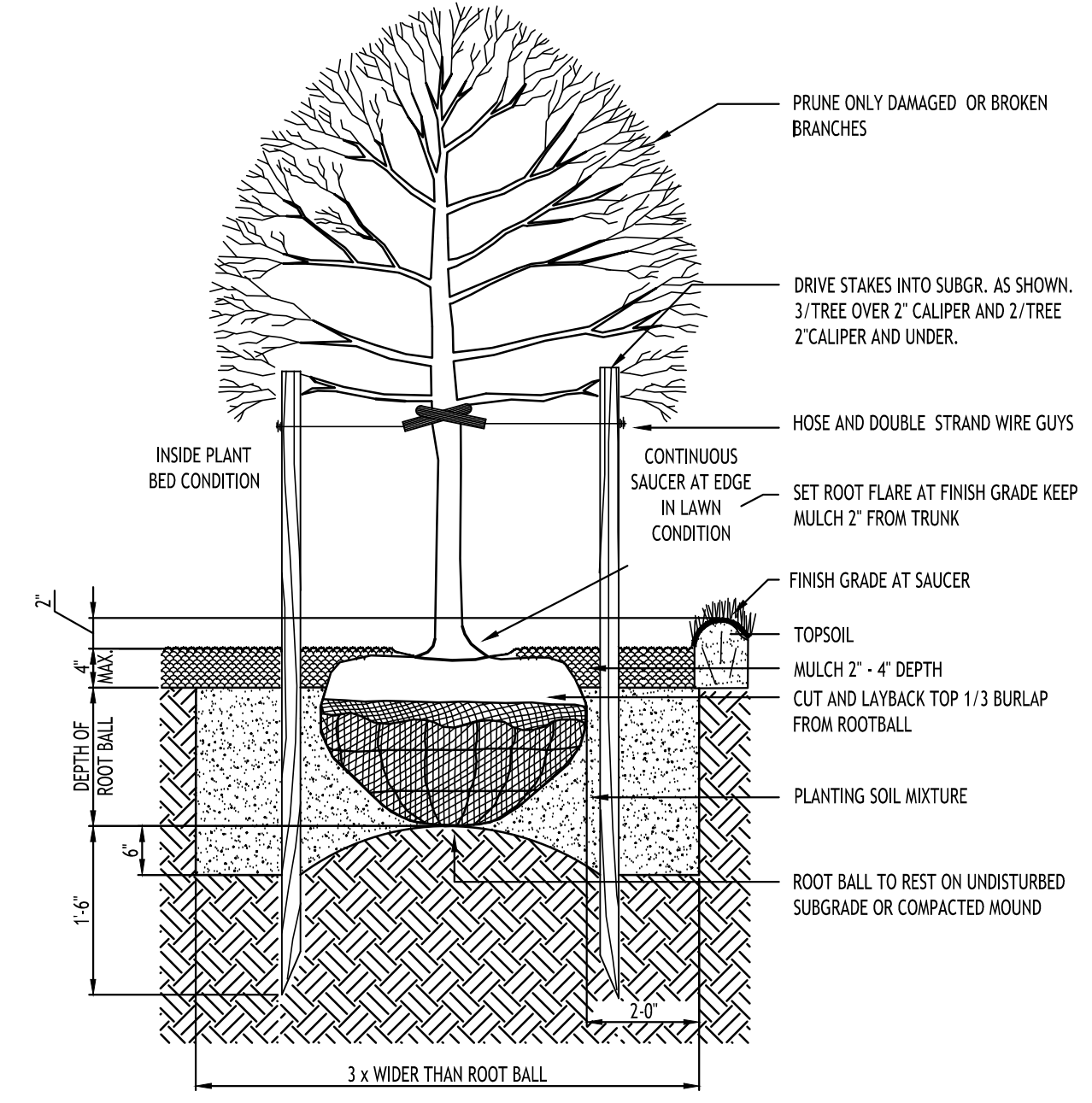
© CARMINA WOOD DESIGN



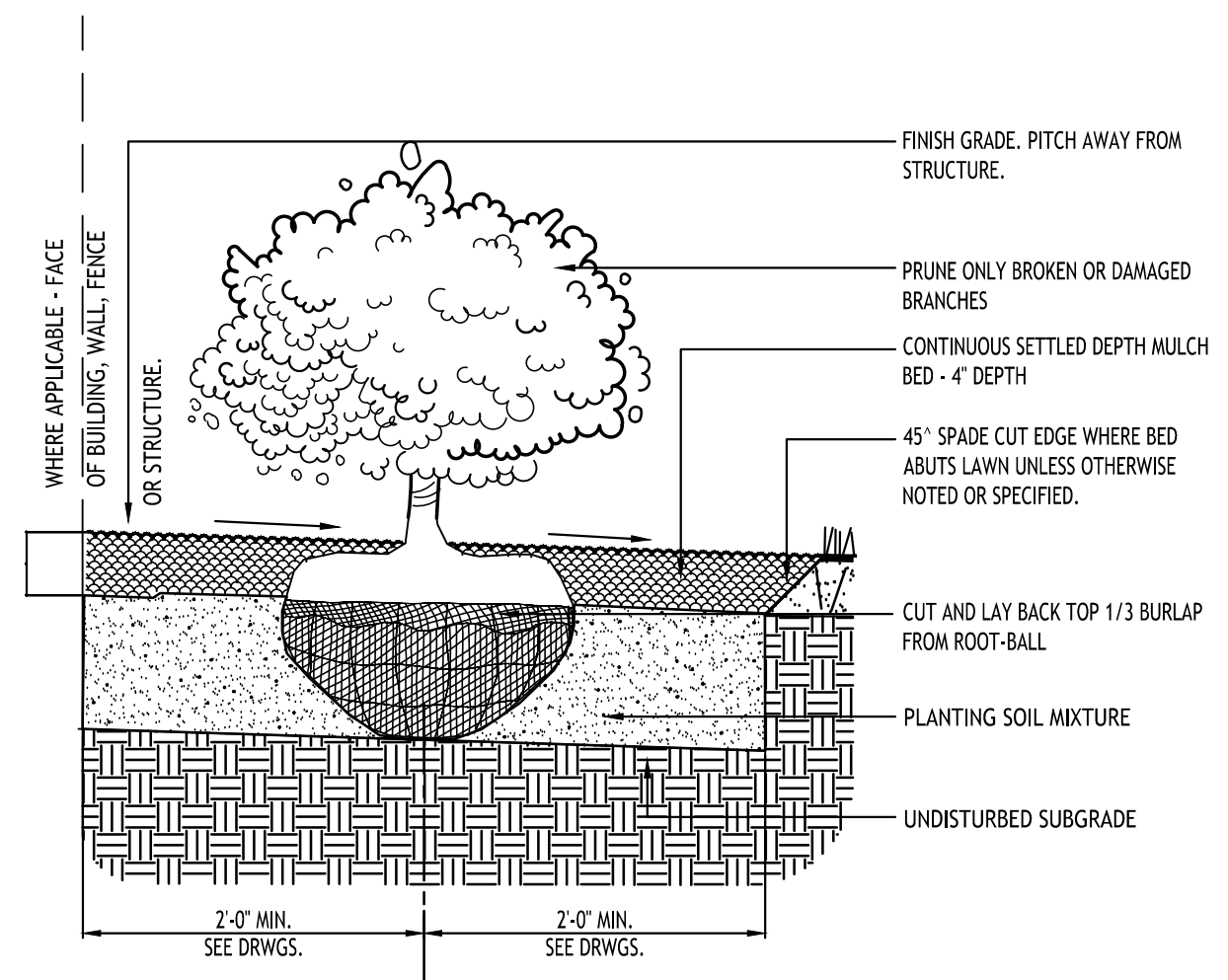
GROUND COVER PLANT SPACING  
NO TO SCALE



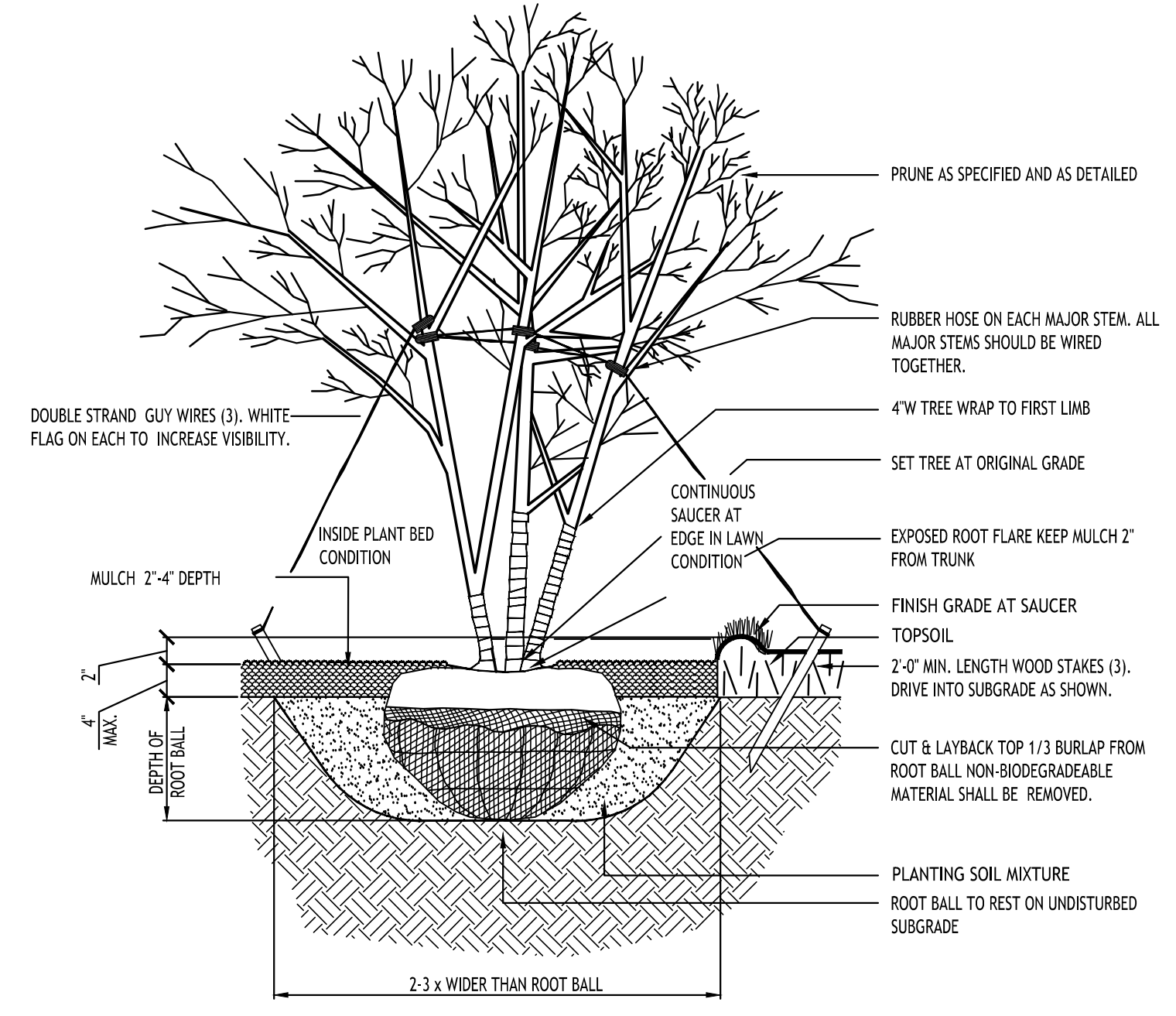
STD. EVERGREEN PLANTING



STD. DECIDUOUS TREE PLANTING

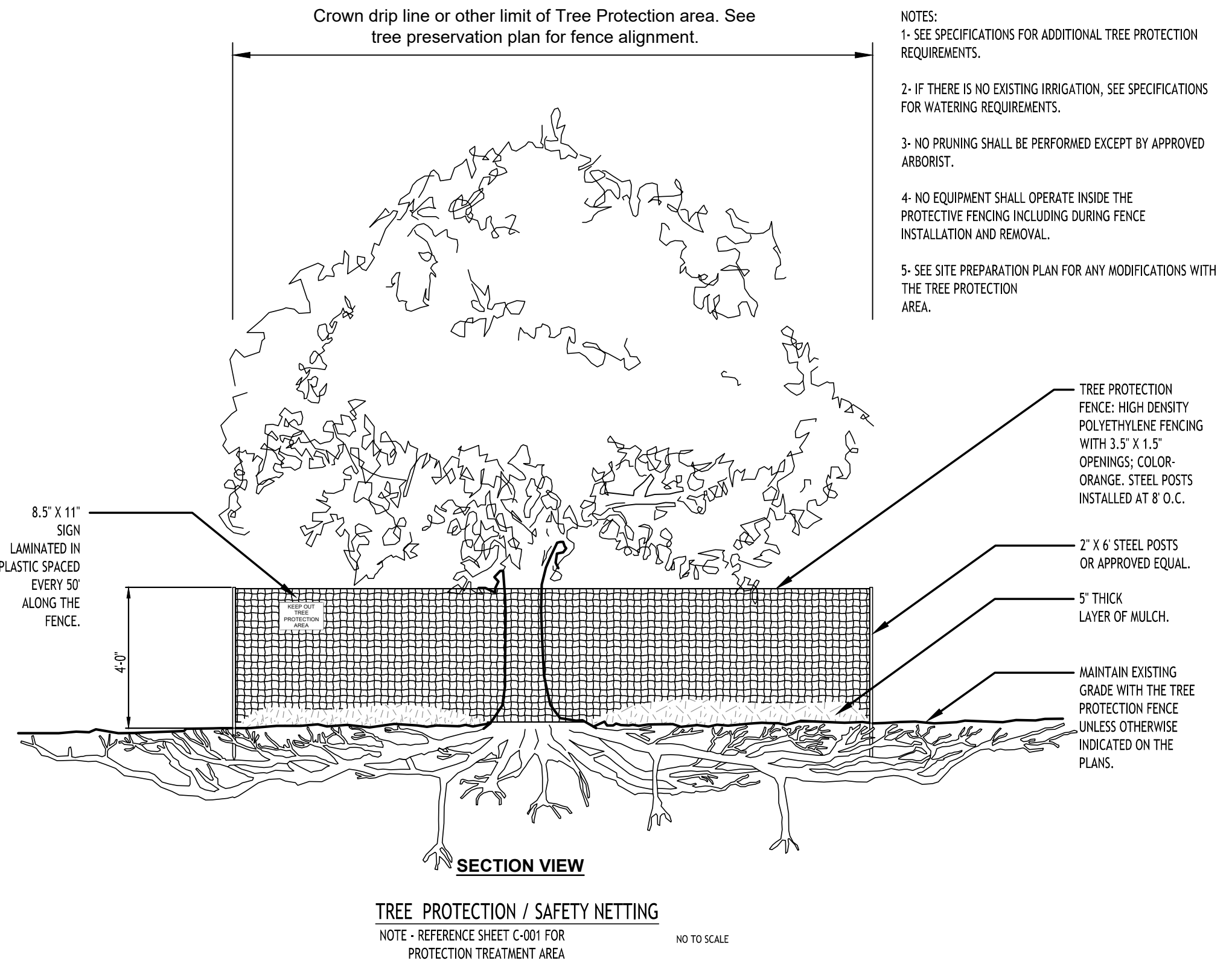


STD. SHRUB PLANTING



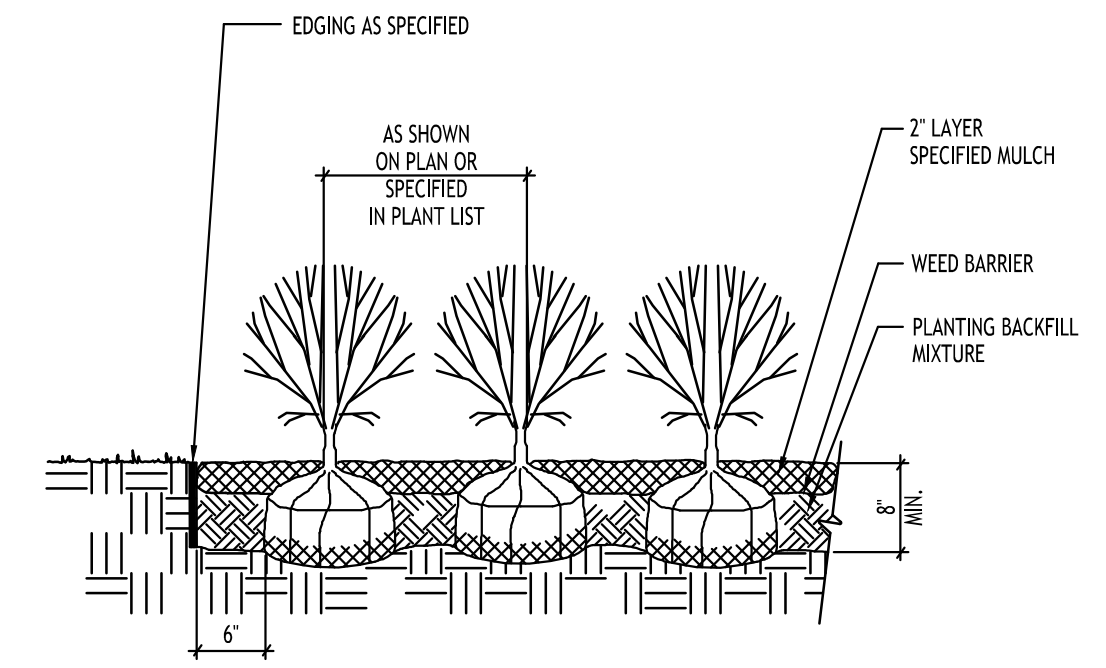
STD. MULTI STEM DECIDUOUS TREE PLANTING

TOWN OF AMHERST APPROVAL BOX:



TREE PROTECTION / SAFETY NETTING  
NOTE: REFERENCE SHEET C-001 FOR PROTECTION TREATMENT AREA  
NO TO SCALE

- NOTES:
- 1- SEE SPECIFICATIONS FOR ADDITIONAL TREE PROTECTION REQUIREMENTS.
  - 2- IF THERE IS NO EXISTING IRRIGATION, SEE SPECIFICATIONS FOR WATERING REQUIREMENTS.
  - 3- NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED ARBORIST.
  - 4- NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
  - 5- SEE SITE PREPARATION PLAN FOR ANY MODIFICATIONS WITH THE TREE PROTECTION AREA.



STD. SHRUB SPACING/PLANTING

| REVISIONS: | No. | Description | Date       |
|------------|-----|-------------|------------|
|            |     |             | 03/21/2025 |

DRAWING NAME:  
Landscape Details

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

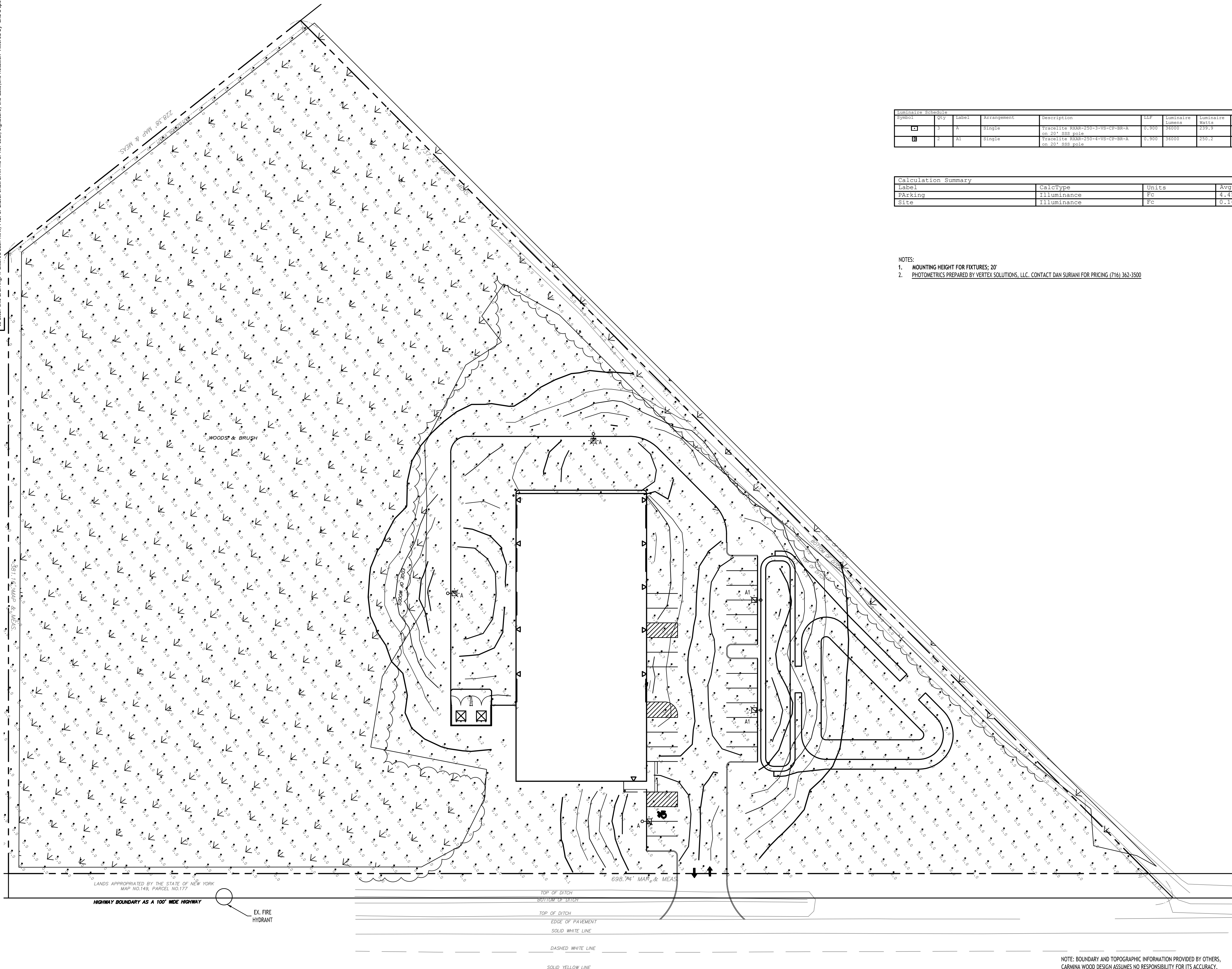
DRAWING NO.:

L-101

Project No: 24.4019

All Rights Reserved. Reuse of these documents without the expressed written permission of CARMINA WOOD DESIGN is prohibited. WARNING: It is a violation of article 45 of the New York State Education Law for any person to alter this drawing, or to alter any part of it, or to use it for any purpose other than that intended by the author. The user shall assume all liability for any alteration or use of this drawing.

© CARMINA WOOD DESIGN



| Luminaire Schedule |     |       |             |   |       |                  |              |
|--------------------|-----|-------|-------------|---|-------|------------------|--------------|
| Symbol             | Qty | Label | Arrangement | Description                                     | LLF   | Luminaire Lumens | Total Lumens |
| □                  | 3   | A     | Single      | Tracelite 6048-250-1-V8-CP-BB-A on 20' 888 pole | 0.900 | 96000            | 288,000      |
| □                  | 2   | A1    | Single      | Tracelite 6048-250-4-V8-CP-BB-A on 20' 888 pole | 0.900 | 96000            | 192,000      |

| Calculation Summary |              |       |      |      |     |         |         |
|---------------------|--------------|-------|------|------|-----|---------|---------|
| Label               | CalcType     | Units | Avg  | Max  | Min | Avg/Min | Max/Min |
| Parking             | illumination | FC    | 4.45 | 19.1 | 0.0 | N.A.    | N.A.    |
| Site                | illumination | FC    | 0.16 | 11.4 | 0.0 | N.A.    | N.A.    |

- NOTES:
1. MOUNTING HEIGHT FOR FIXTURES: 20'
  2. PHOTOMETRICS PREPARED BY VERTEX SOLUTIONS, LLC. CONTACT DAN SURIANI FOR PRICING (716) 362-3500

LANDS APPROPRIATED BY THE STATE OF NEW YORK  
MAP NO.149, PARCEL NO.177

HIGHWAY BOUNDARY AS A 100' WIDE HIGHWAY  
EX. FIRE HYDRANT

TOP OF DITCH  
BOTTOM OF DITCH  
TOP OF DITCH  
EDGE OF PAVEMENT  
SOLID WHITE LINE  
DASHED WHITE LINE  
SOLID YELLOW LINE

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS.  
CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

**N** Lighting Plan  
SCALE: 1"=30'



TOWN OF AMHERST APPROVAL BOX:

| REVISIONS: | No. | Description            | Date       |
|------------|-----|------------------------|------------|
|            | 1   | Rev. Per Town Comments | 03/21/2025 |



DRAWING NAME:  
**Lighting Plan**

Date: 11/19/24  
Drawn By: C. Wood  
Scale: As Noted

DRAWING NO.  
**LP-100**  
Project No: 24.4019

TRACE LITE commercial & industrial lighting

RXAR Series LED Area Light

DESCRIPTION The RXAR Series LED area luminaire offers performance and durability with a rugged, one-piece die-cast aluminum housing and high efficacy of up to 172 lumens per watt. This versatile luminaire is designed to ensure optimal heat...



Table with columns for Model, Wattage, CCT, Distribution, Lumens, LPW, BUG Rating, and CRI. Lists various RXAR models and their specifications.

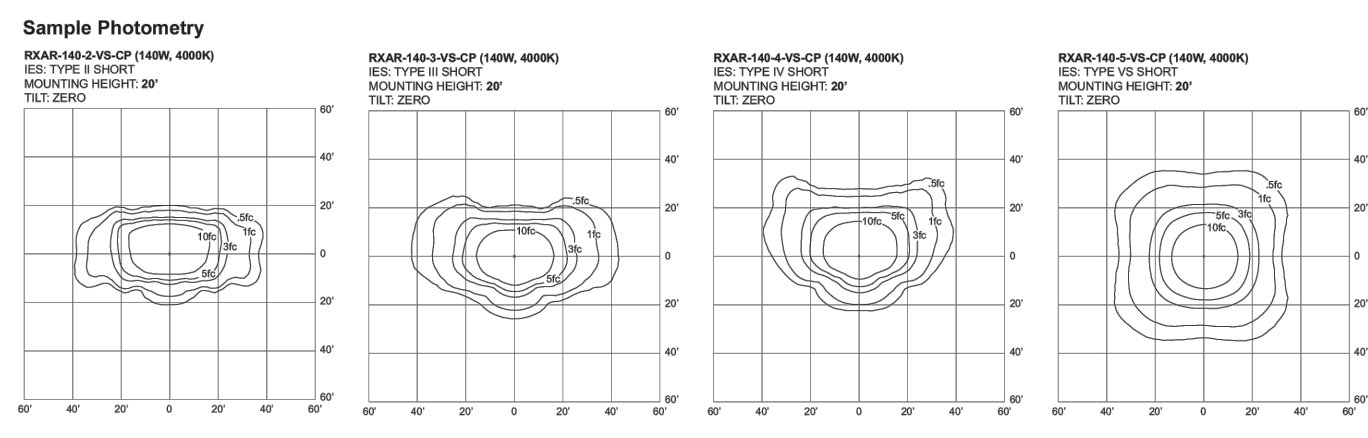
Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions.



Ordering Information (Example: RXAR-250-3-VS-CP-BR-A-TLPC)

Table detailing ordering information including Series, Wattage, Size, Distribution, Input Voltage, CCT, Finish, and Mount. Includes notes on accessories and options.

ADDITIONAL POLE MOUNTS AVAILABLE - SEE PAGES 6-7 FOR DETAILS



Performance Table showing Model, Wattage, CCT, Distribution, Lumens, LPW, BUG Rating, and CRI for various RXAR configurations.



Performance Table (continued)

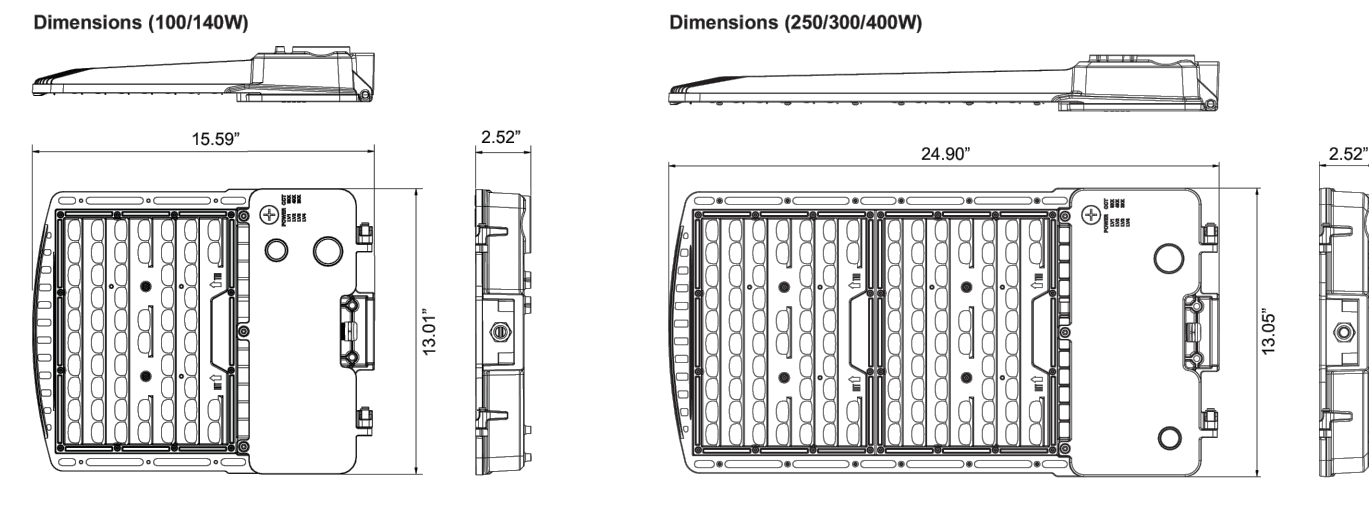
Continuation of Performance Table with columns for Model, Wattage, CCT, Distribution, Lumens, LPW, BUG Rating, and CRI.



Performance Table (continued)

Continuation of Performance Table with columns for Model, Wattage, CCT, Distribution, Lumens, LPW, BUG Rating, and CRI.

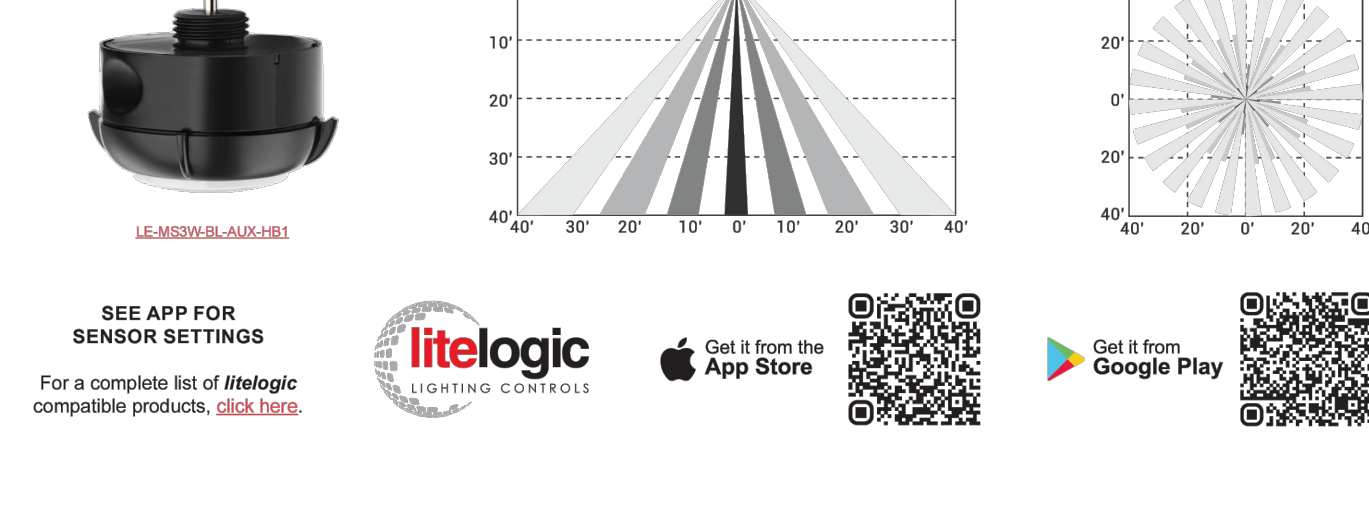
Dimensions (100/140W) and (250/300/400W)



EPA Values table showing Model, Wattage, and various mounting configurations with their corresponding values.



Sensor Details - Bluetooth Enabled (Accessory LE-M33W-AUX-HB1)



SEE APP FOR SENSOR SETTINGS. For a complete list of litemlogic compatible products, click here.

Sensor Details (Accessories TL-MSP12-BL and TL-MSSW-REMOTE)

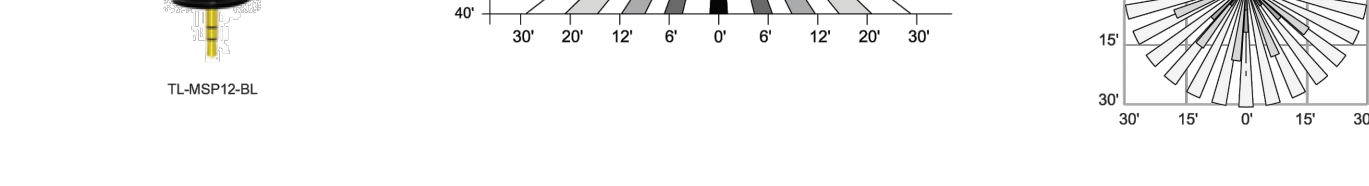


Table with columns for Sensor Settings (TL-MSSW-REMOTE) including Detection Radius, Mounting Height, Remote Range, Frequency, High Mode, Sensitivity, Hold Time, Daylight Harvesting, and Standby Dim Setting.



Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions.



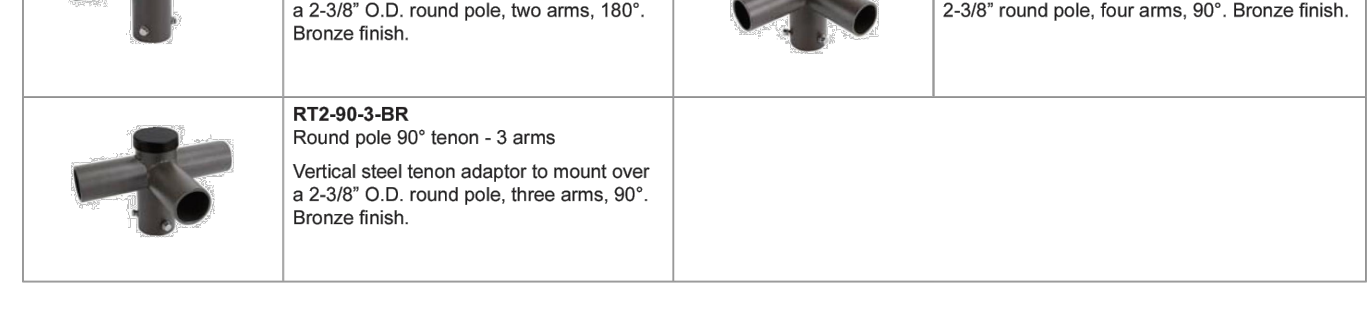
Shields (sold separately for field installation)



Mounting (non-standard mounts sold separately for field installation)



Pole Top Arms



Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions.



Tenon Adaptors



Wall Mount Adaptors



Drilling Template (Standard Mount)



Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions.



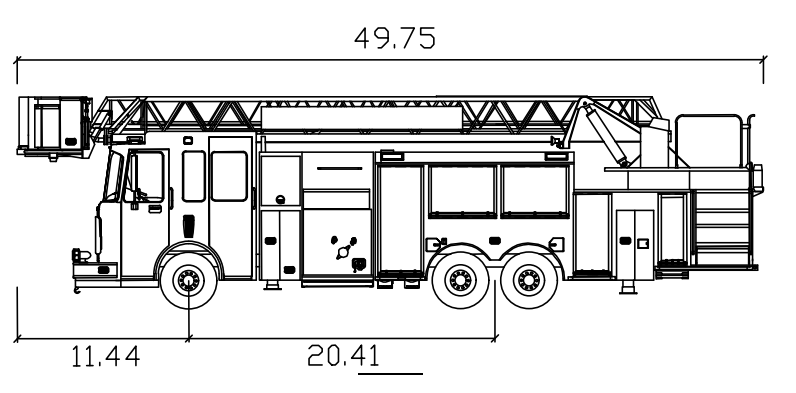
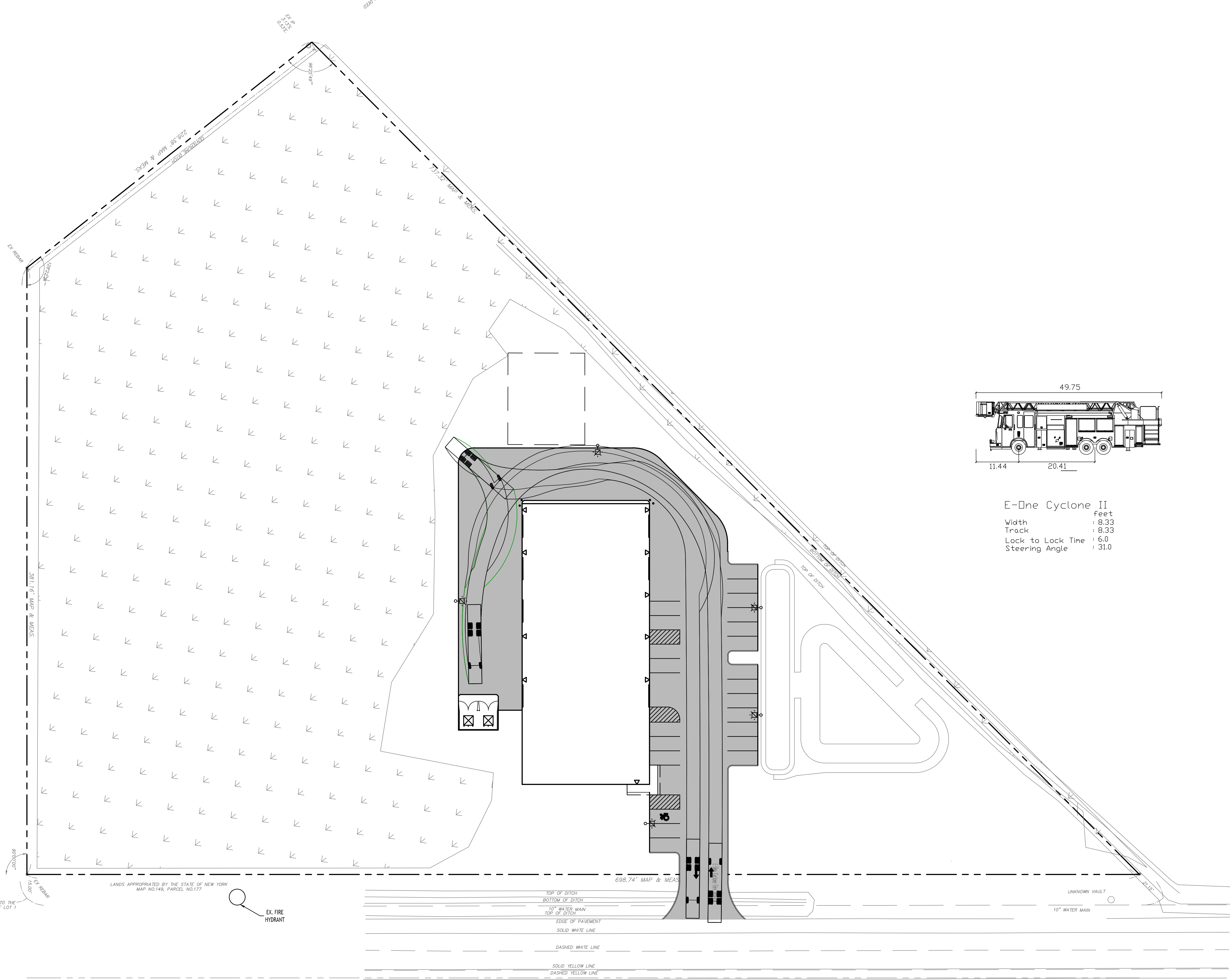
TOWN OF AMHERST APPROVAL BOX:

Approval box area with fields for Date, Drawn By, Scale, Drawing No., and Project No.



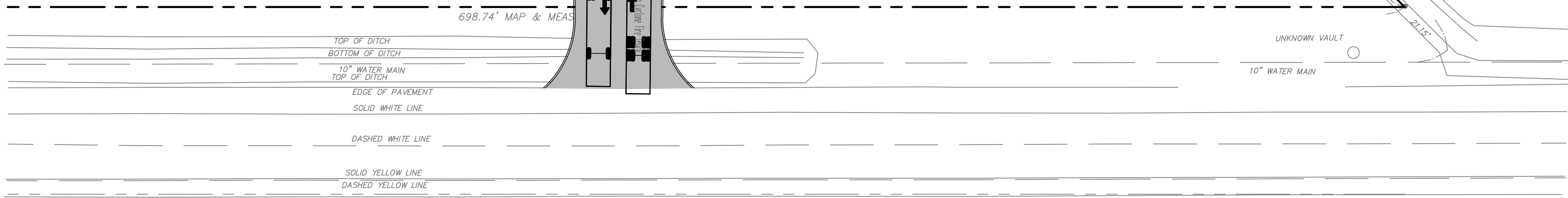
All Rights Reserved. Reuse of these documents without the expressed written permission of CARMINA WOOD DESIGN is prohibited. Warning: It is a violation of article 45 of the New York State Education Law and article 170 of the New York State Real Property Law to alter this drawing. If altered such R.A., P.E. or L.L.S. shall affix his or her seal, signature, the date, the notation "Altered By" and a specific description of the alteration.

© CARMINA WOOD DESIGN



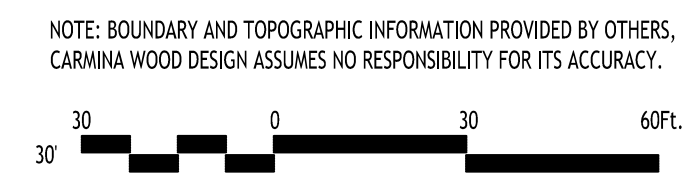
E-One Cyclone II  
 Width : 8.33 feet  
 Track : 8.33 feet  
 Lock to Lock Time : 6.0  
 Steering Angle : 31.0

LANDS APPROPRIATED BY THE STATE OF NEW YORK  
 MAP NO.148, PARCEL NO.177  
 EX. FIRE HYDRANT



MILLERSPORT (130' WIDE) HIGHWAY  
 N.Y. RTE. 263

**Fire Truck Turning Plan Scenario 1**  
 SCALE: 1"=30'



NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

TOWN OF AMHERST APPROVAL BOX:

REVISIONS:

| No. | Description            | Date       |
|-----|------------------------|------------|
| 1   | Rev. Per Town Comments | 03/21/2025 |

DRAWING NAME:  
**Fire Truck Turning Plan**

Date: 11/19/24  
 Drawn By: C. Wood  
 Scale: As Noted

DRAWING NO.  
**FT-100**

Project No: 24.4019

