

NOTES

- FOR REFERENCE INFORMATION SEE TOPOGRAPHIC SURVEY PREPARED BY FRANDIA ENGINEERING & SURVEYING DATED FEBRUARY 7, 2024 AND IDENTIFIED AS JOB NO. 4954, INCLUDED WITH THIS SET OF SITE PLANS.
- ALL CONSTRUCTION SHALL CONFORM TO TOWN OF AMHERST STANDARDS AND NEW YORK STATE CODE REQUIREMENTS, AS WELL AS THE AMHERST ZONING CODE AND STATE STANDARDS, WHERE CODES OVERLAP, THE CONTRACTOR SHALL COMPLY WITH THE MORE STRINGENT CODE.
- WHERE A SPECIFIC MANUFACTURER'S PRODUCT IS CALLED OUT ON THIS SHEET OR ANY OTHER PLAN IN THIS SET OF DRAWINGS, THE CONTRACTOR MUST COMPLY WITH THE MANUFACTURER'S LATEST PRINTED INSTRUCTIONS AND RECOMMENDATIONS FOR INSTALLATION.
- ANY TEMPORARY TRAFFIC CONTROL AND WARNING SIGNS SHALL CONFORM TO N.Y.S.D.O.T. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL MAINTAIN ACCESSIBLE PASSAGEWAYS FOR TRAFFIC AND PEDESTRIANS TO ADJACENT EXISTING RESIDENCES AND BUSINESSES WHICH WILL REMAIN IN OPERATION THROUGHOUT THE DURATION OF THE CONSTRUCTION.
- ANY CAST-IN-PLACE CONCRETE SHALL CONFORM TO N.Y.S.D.O.T. STANDARD SPECIFICATIONS (SECTION 501). USE CLASS "C" FOR APRONS OR STRUCTURAL SLABS. USE CLASS "D" FOR SIDEWALKS AND ALL OTHER GENERAL PURPOSE CONCRETE. PAINTMENT ON SITE CEMENT USED TO PRODUCE CONCRETE SHALL CONFORM WITH BOTH A.C.I. 318 AND ASTM C1517. CONCRETE SHALL HAVE A SLUMP OF NO MORE THAN 5" AND AN AIR ENTRAINMENT OF 4-6%.
- ALL NEW CONCRETE CURBS, SIDEWALKS, APRONS, AND PADS SHALL BE CURED USING A CURING COMPOUND CONFORMING TO A.S.T.M. C689.
- EXISTING ASPHALT PAVEMENT TO REMAIN SHALL BE RESEALED WITH AN ASPHALT-BASED EMULSION NOT CONTAINING COAL-TAR (RT-12), BEFORE RE-STRIPING.
- ANY DEVIATION FROM ANY PLANS IN THIS DRAWING SET SHALL REQUIRE APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) AND THE TOWN OF AMHERST PLANNING AND BUILDING DEPARTMENTS, AS WELL AS THE APPROPRIATE UTILITY COMPANIES AND SERVICE PROVIDERS. ANY AND ALL CHANGES MADE WITHOUT NOTIFICATION OR APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) SHALL BE CONSIDERED UNAUTHORIZED AND THE DESIGN ENGINEER (STUDIO T3) SHALL NOT BE LIABLE FOR ANY DAMAGES, DELAYS, ADDITIONAL COSTS INCURRED, OR ANY OTHER CONSEQUENCES ARISING FROM SUCH CHANGES.
- THE DESIGN ENGINEER (STUDIO T3) SHALL BE IMMEDIATELY CONTACTED UPON DISCOVERY OF ANY ABOVEGROUND OR BELOW GROUND OBJECTS NOT SHOWN ON THE BACKGROUND SURVEY THAT ARE UNCOVERED DURING EXCAVATION OR CONSTRUCTION (BUILDING FOUNDATIONS, BURIED VAULTS, TREES, SIDEWALKS, PAVEMENT, RAILINGS, SIGNS, STOCKPILES, STUMPS, OR SIMILAR) WHICH WILL INTERFERE OR CONFLICT WITH ANY PROPOSED WORK SHOWN ON THESE PLANS. WORK SHALL BE IMMEDIATELY SUSPENDED AND NOT COMMENCE UNTIL SUCH DISCOVERED OBJECTS ARE IDENTIFIED AND THE DESIGN ENGINEER (STUDIO T3) ISSUES EITHER A WRITTEN APPROVAL OR A SIGNED REVISED PLAN. AN UNDERGROUND UTILITY SURVEY MAY BE DONE PRIOR TO EXCAVATION AND CONSTRUCTION IN ORDER TO ELIMINATE DELAYS RESULTING FROM INTERFERENCE WITH UN-DOCUMENTED OR UN-LOCATED BURIED UTILITIES ENCOUNTERED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SHOPPING AND UNDERPINNING EXPOSED FOUNDATIONS ADJACENT TO EXCAVATIONS. THE STRUCTURAL ENGINEER SHALL BE CONTACTED FOR ASSOCIATED DETAILS.
- ANY DAMAGED PROPERTY WITHIN THE PROJECT SITE OR ADJACENT PROJECT SITES SHALL BE RESTORED IN KIND.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL NECESSARY FEES AND OBTAINING ALL NECESSARY PERMITS PRIOR TO THE START OF CONSTRUCTION. CONTACT THE TOWN OF AMHERST BUILDING DEPARTMENT (716) 831-7090 FOR INSTRUCTIONS, PERMIT APPLICATIONS, AND FEES.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE INSURED AND LICENSED IN THE STATE OF NEW YORK, THE COUNTY OF ERIE, AND THE TOWN OF AMHERST.

CODE & SITE DATA

TOTAL PARCEL = 3.69 ACRES
 SITE DISTURBANCE AREA = 0.25 ACRES
 ZONED: CF (COMMUNITY FACILITIES)

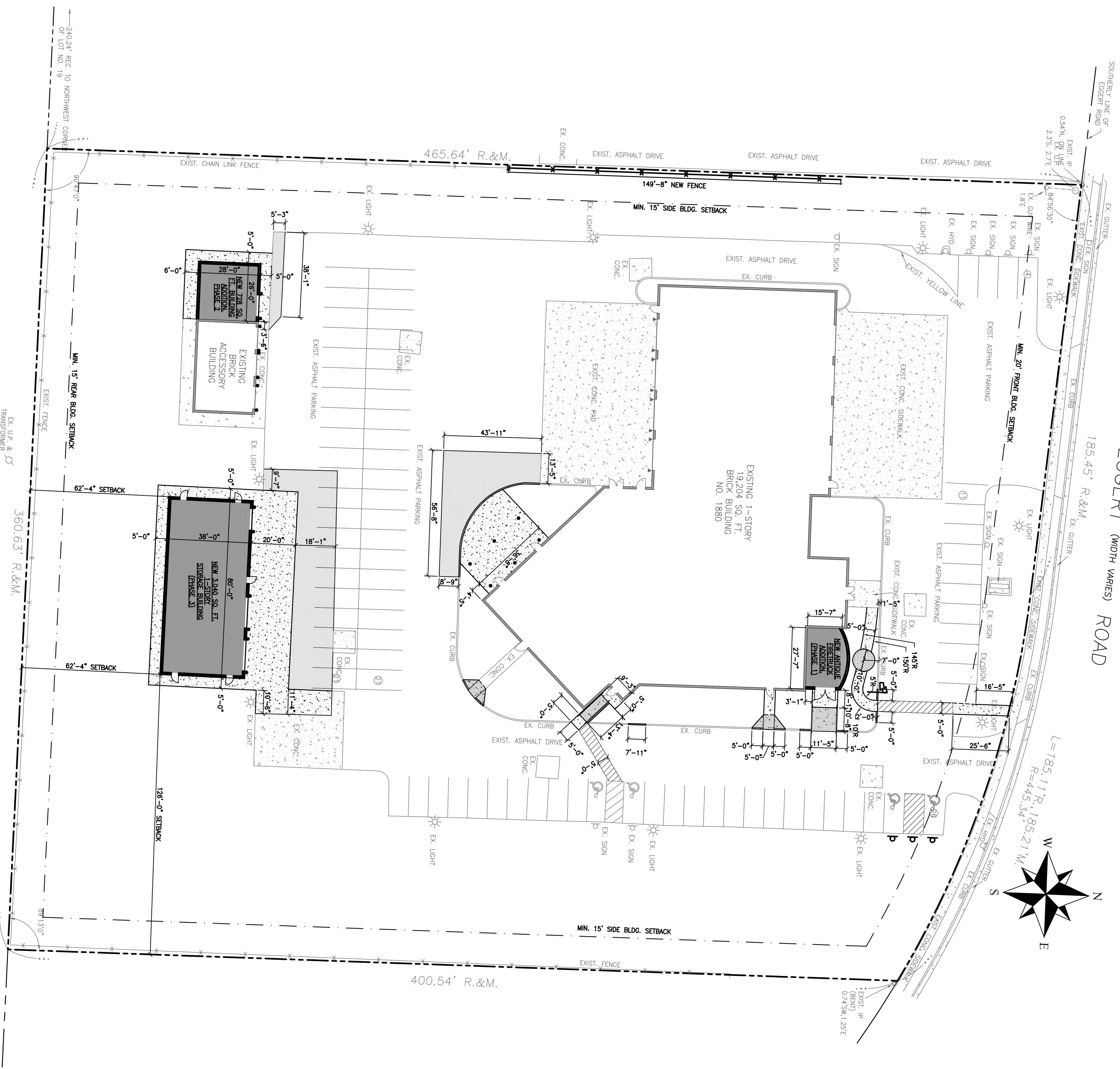
BUILDING SETBACK	REQUIRED	PROVIDED
FRONT	20'-0"	75'-1"
SIDE	15'-0"	48'-3"
REAR	15'-0"	62'-4"

PARKING	REQUIRED	PROVIDED
EXISTING	88 SPACES	82 SPACES
PROPOSED	88 SPACES	81 SPACES
HANDICAP	3 SPACES	4 SPACES

EXIST. BLDG. FOOTPRINT = 420,377 SQ. FT. (GROSS)
 NEW BLDG. FOOTPRINT = 4,267 SQ. FT. (GROSS)
 TOTAL BLDG. FOOTPRINT = 424,644 SQ. FT. (GROSS)

LEGEND

- EXISTING SIGN
- NEW SIGN
- EXISTING FENCE
- NEW FENCE
- EXISTING EDGE OF PAVEMENT
- NEW EDGE OF PAVEMENT
- EXISTING CURB
- NEW CURB (S)
- SITE PARCEL PROPERTY/RO.W. LINE
- ADJACENT PROPERTY/RO.W. LINES
- EXISTING UTILITY POLE
- EXISTING FIRE HYDRANT
- EXISTING FLOOD/UP-LIGHT
- EXISTING LIGHT FIXTURE
- EXISTING PARKING SPACE COUNT
- EXISTING CONCRETE AREAS
- NEW CONCRETE AREAS
- NEW ASPHALT AREAS



DIMENSIONAL SITE PLAN

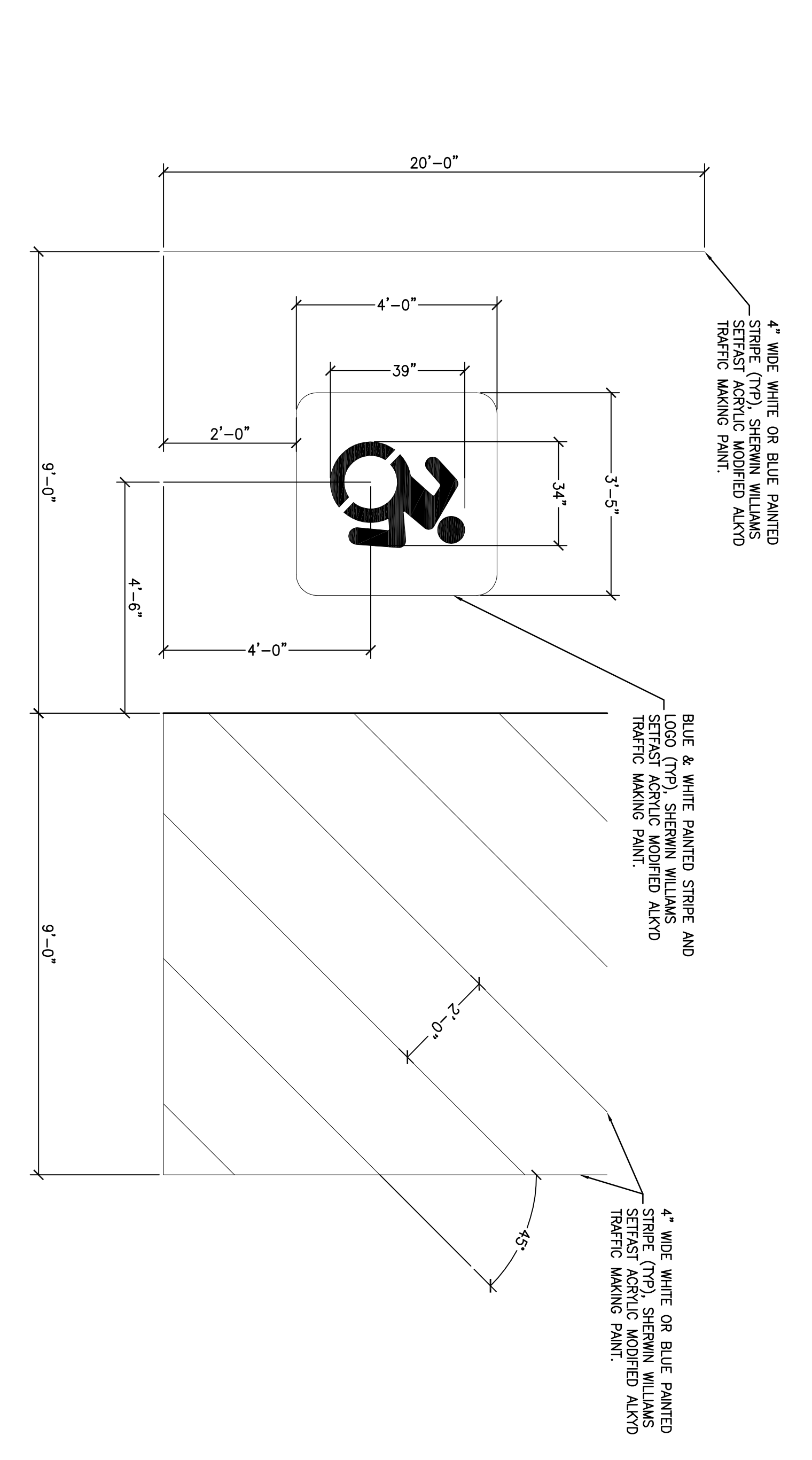
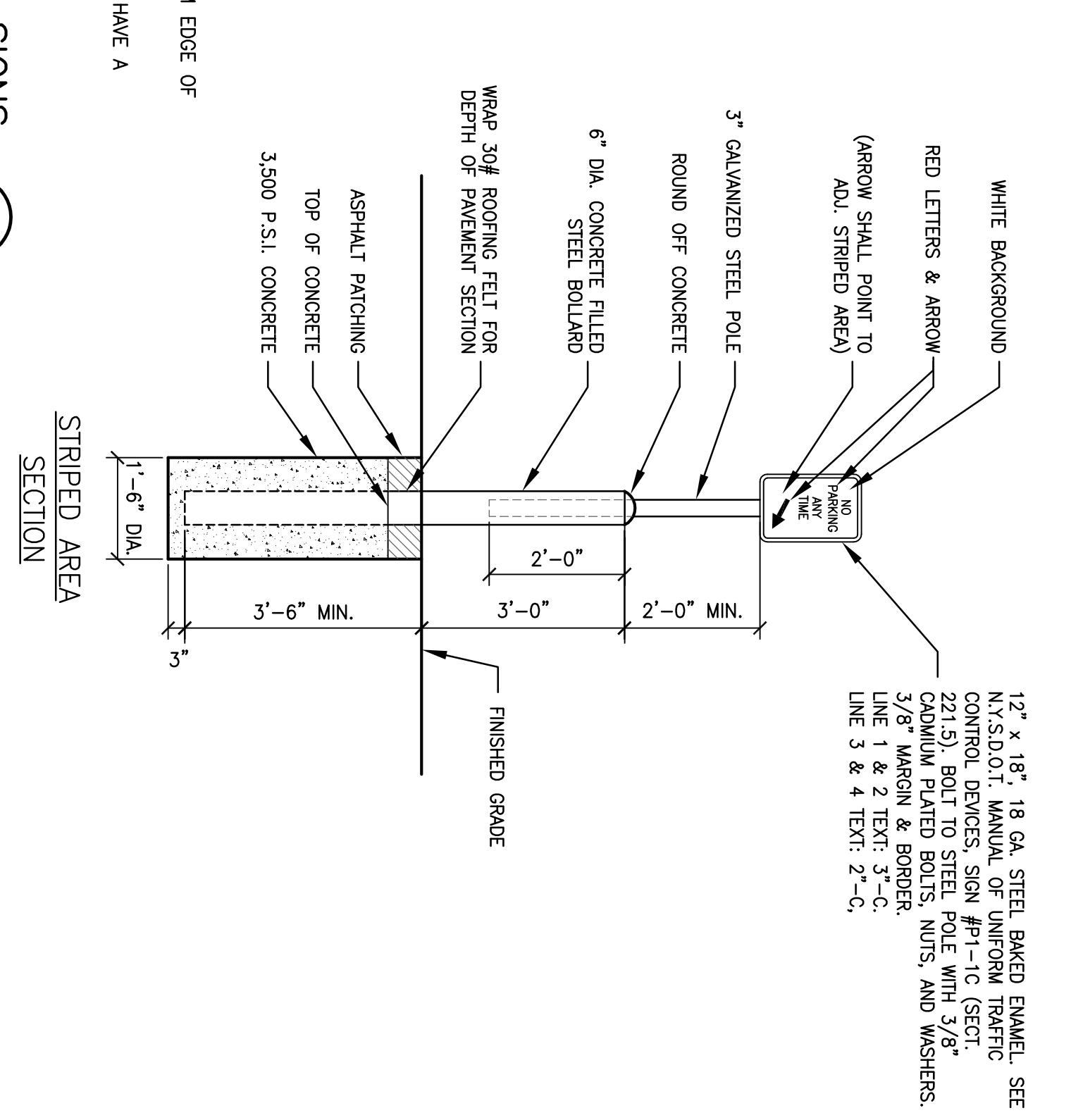
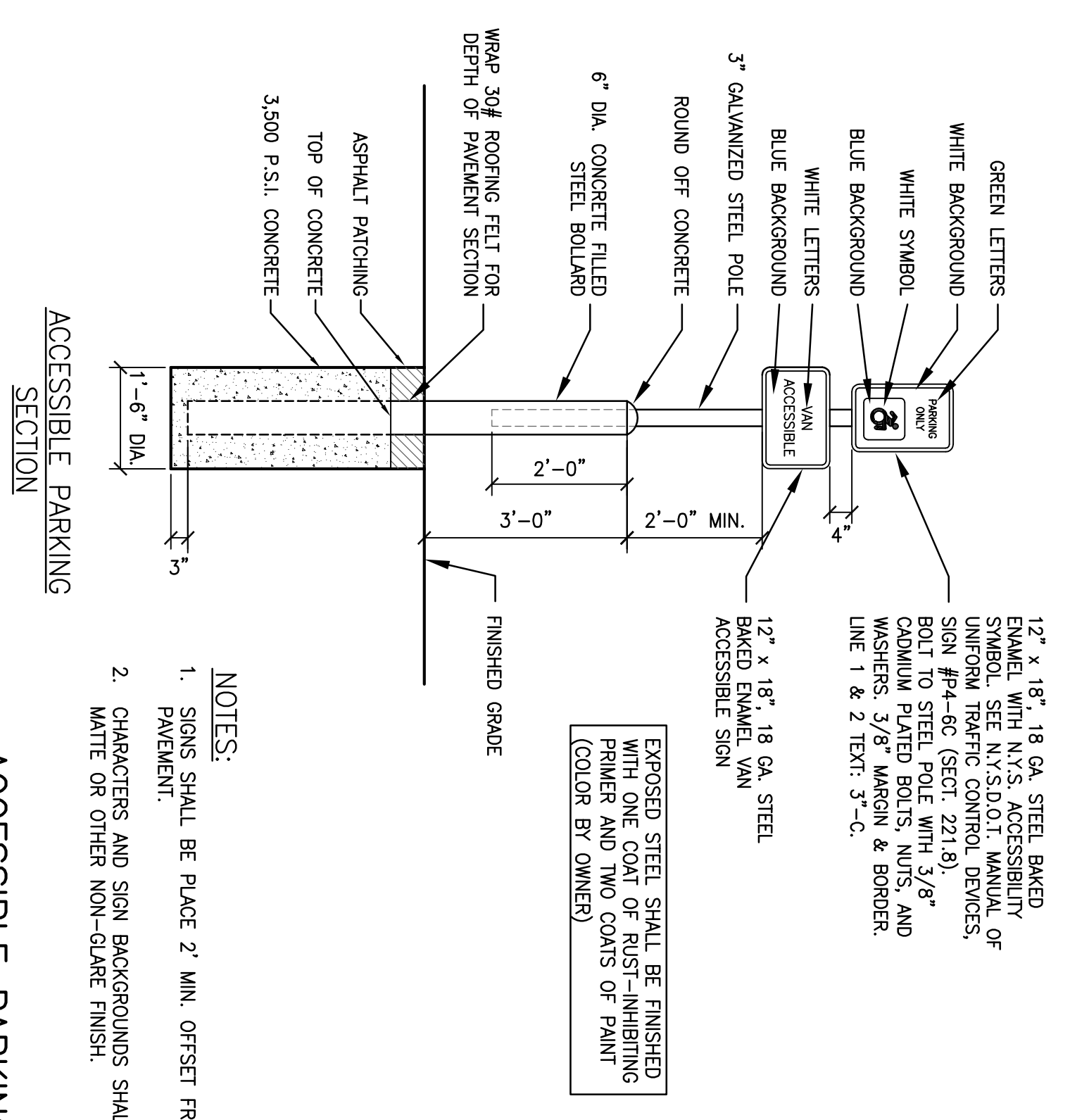
SCALE: 1" = 30'-0"
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FOR OFFICIAL TOWN OF AMHERST USE

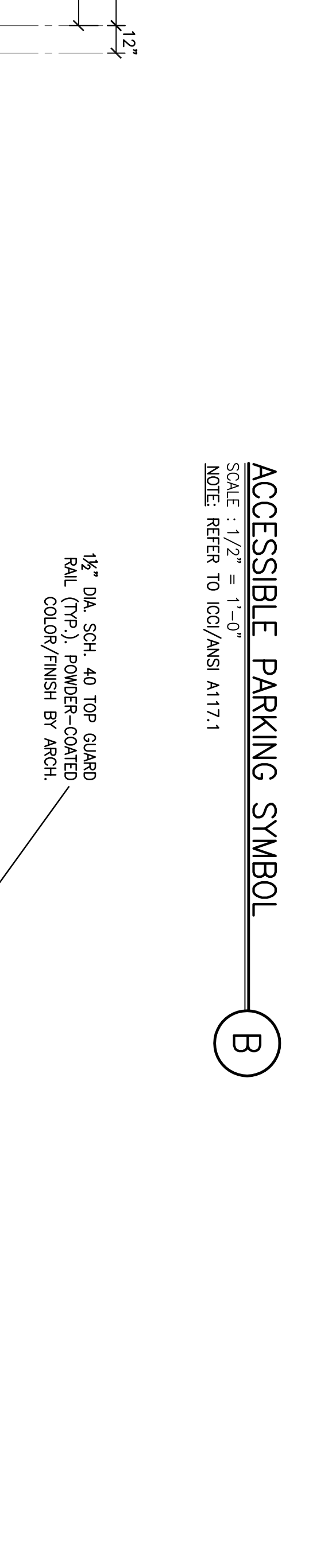
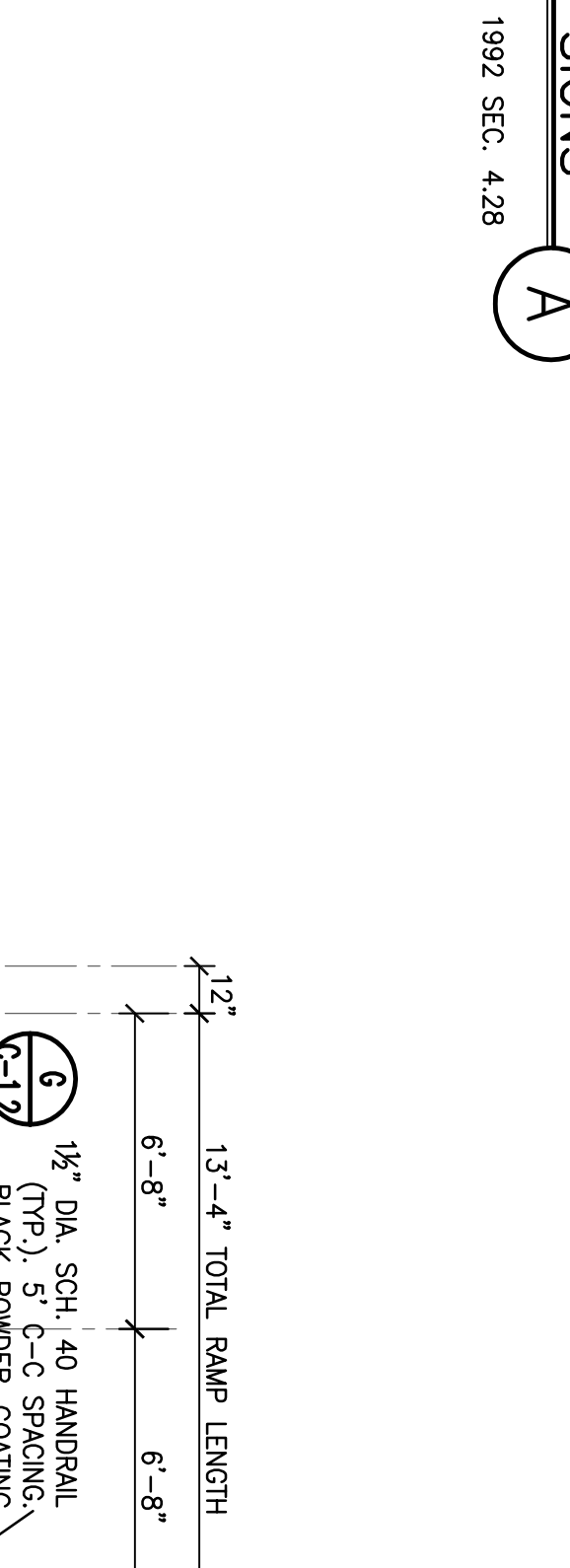
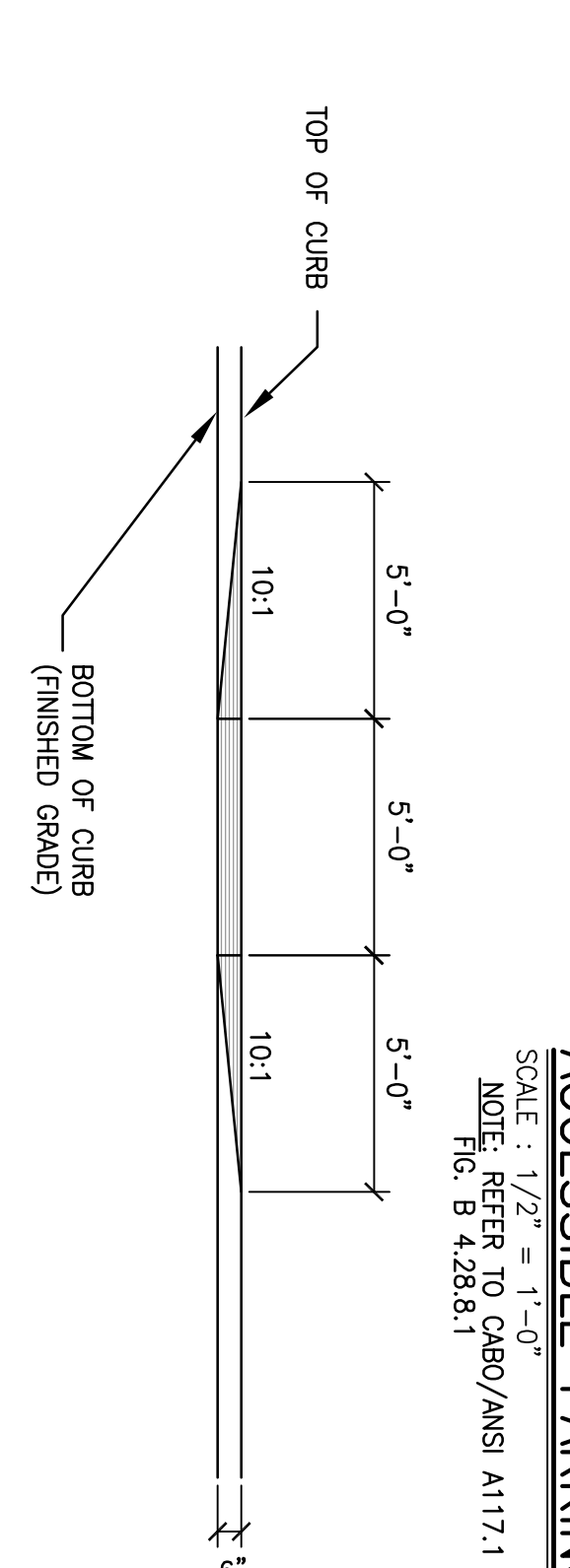
EGGERTSVILLE HOSE COMPANY
 EXTERIOR SITE IMPROVEMENTS
 1880 EGGERT ROAD, AMHERST, NY 14226

<p>2465 Main Street, Suite 301 Buffalo, New York 14226 Phone: (716) 831-9279 Fax: (716) 831-9284</p>	STAMP/SEAL
	ISSUED FOR SITE PLAN REV. 1/21/25 ISSUED FOR CLIENT REVIEW 1/23/25
DRAWN BY: AMT CHECKED BY: RMT JOB # 23-194A	SHEET C-1.1

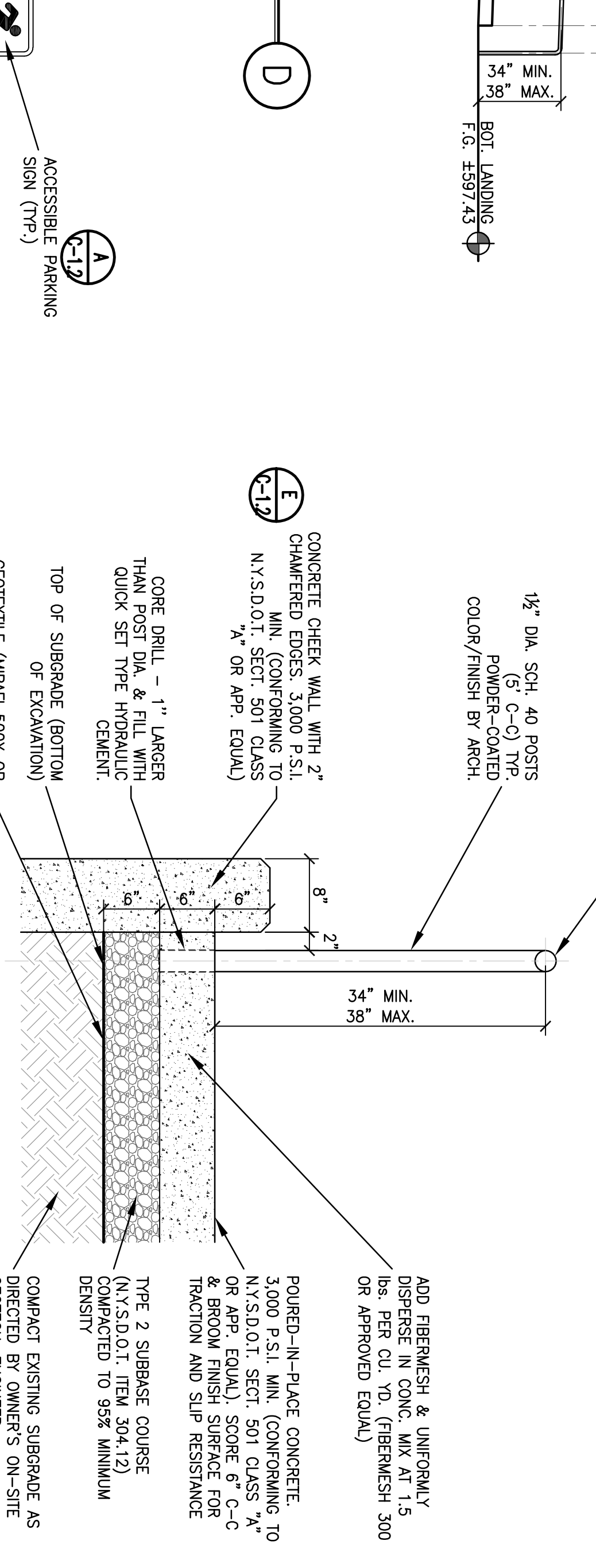
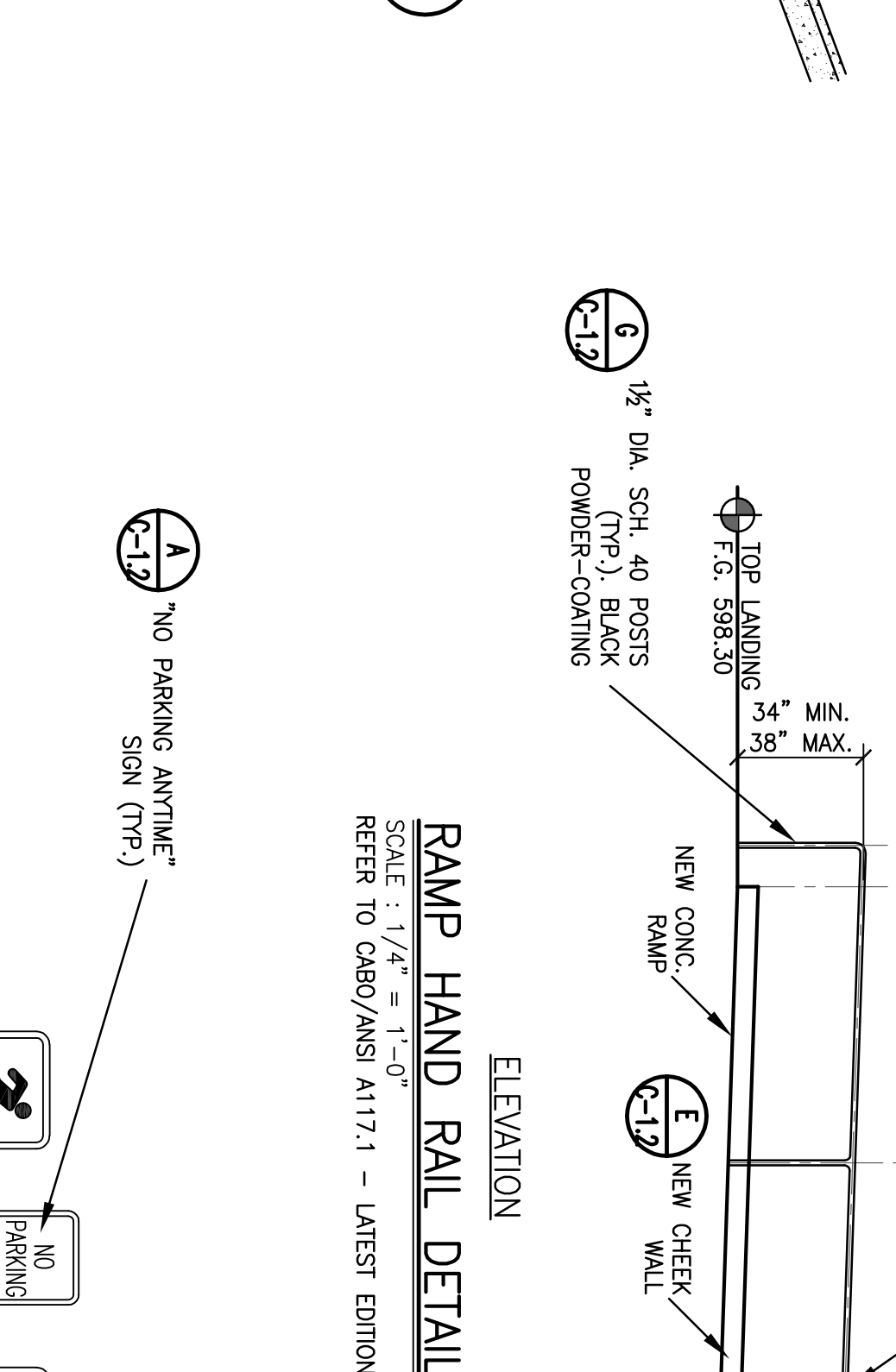
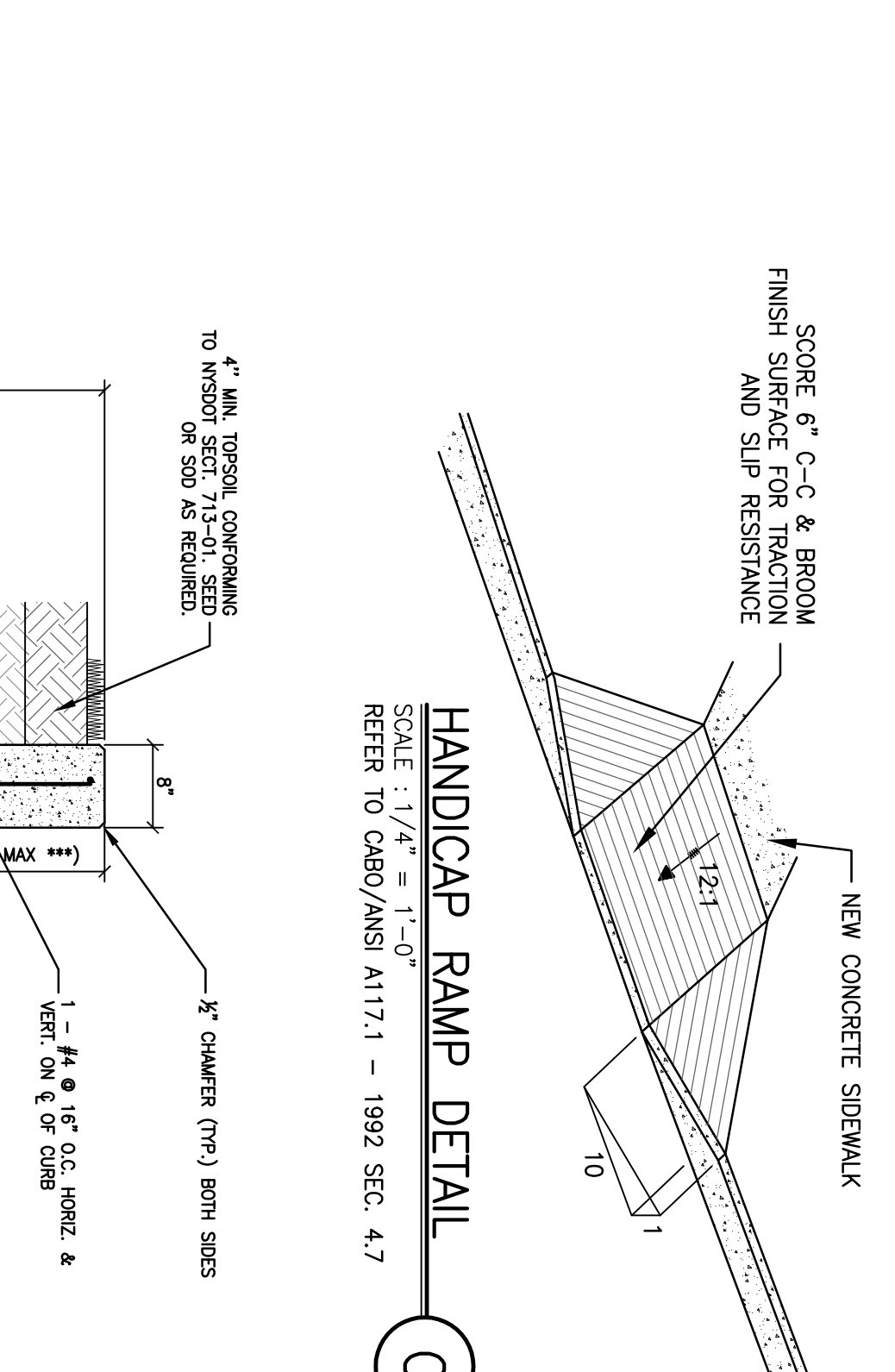
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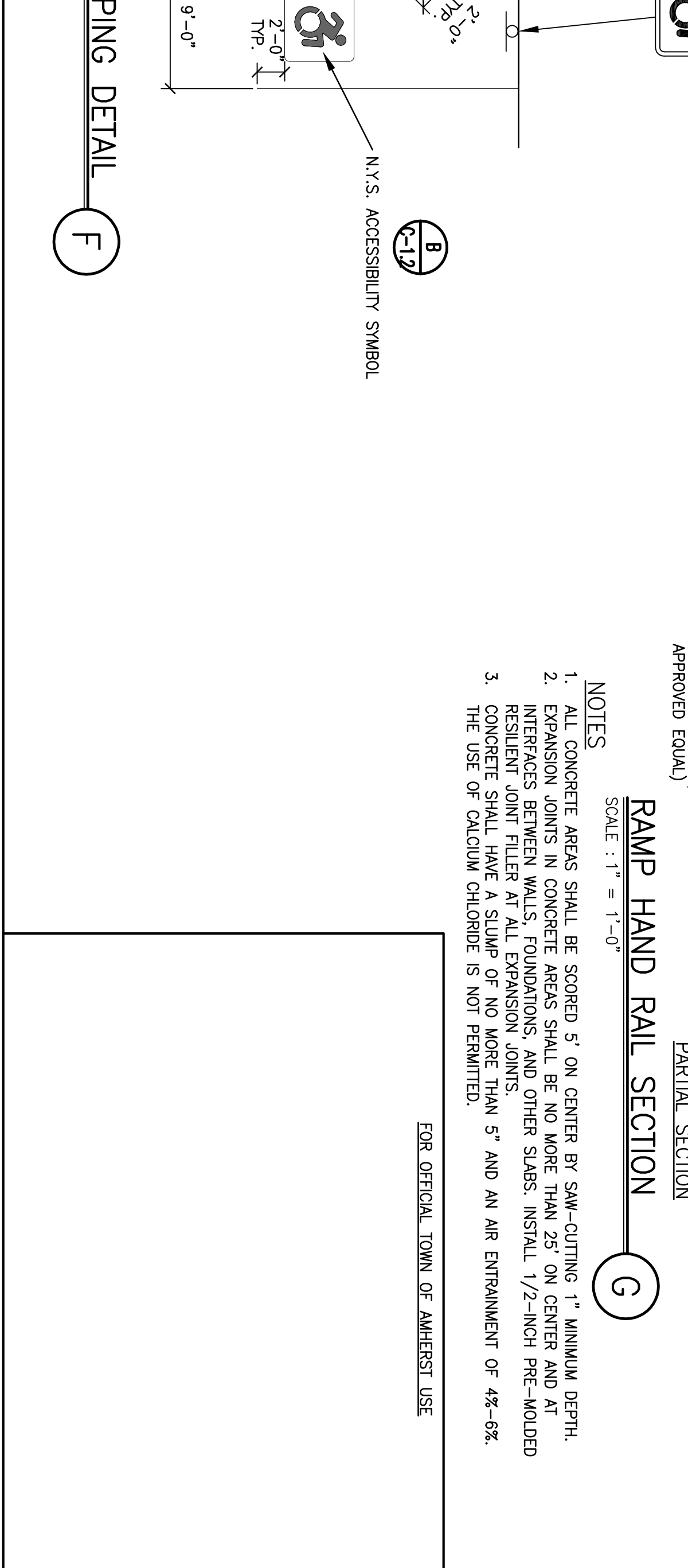
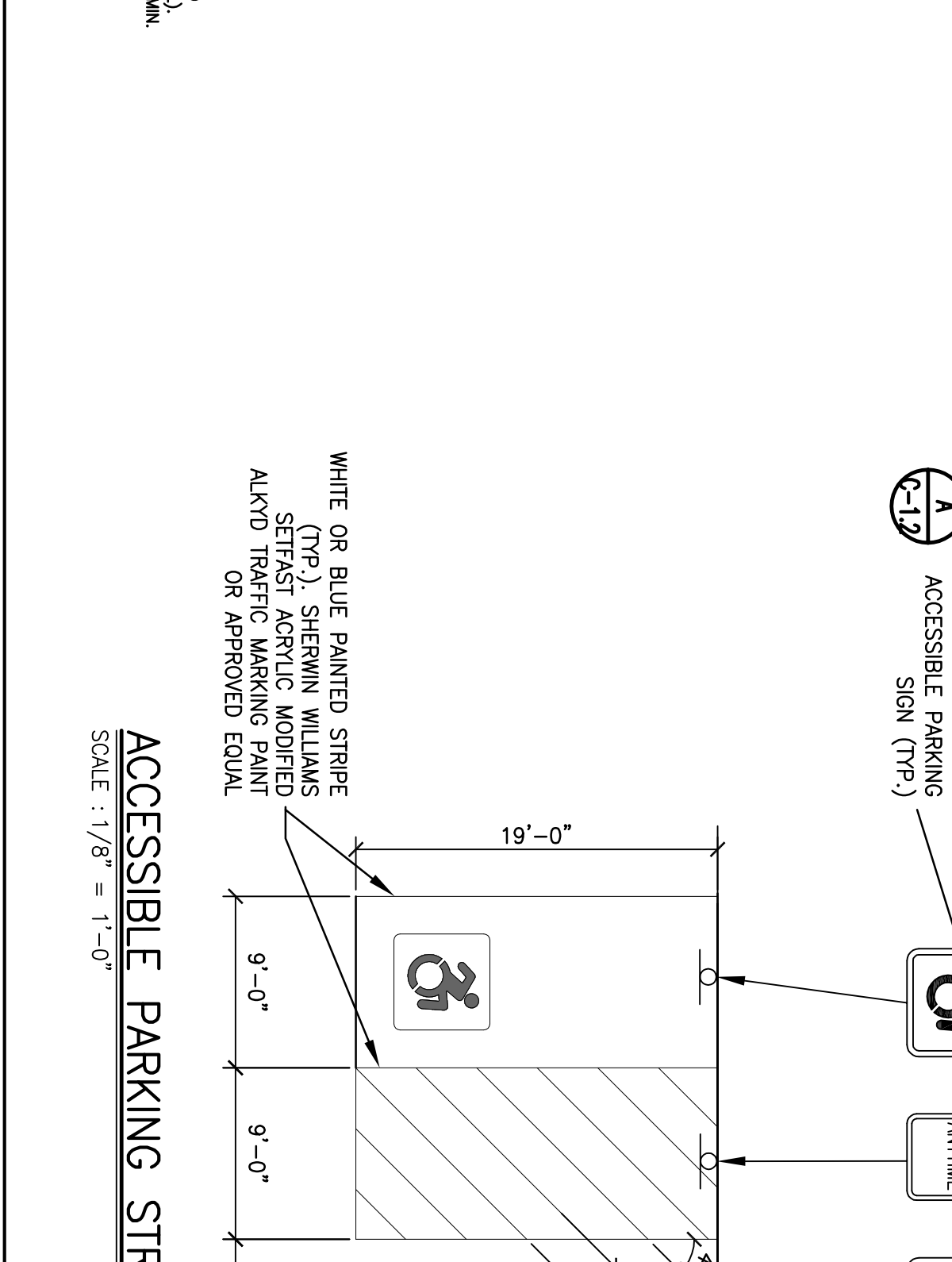
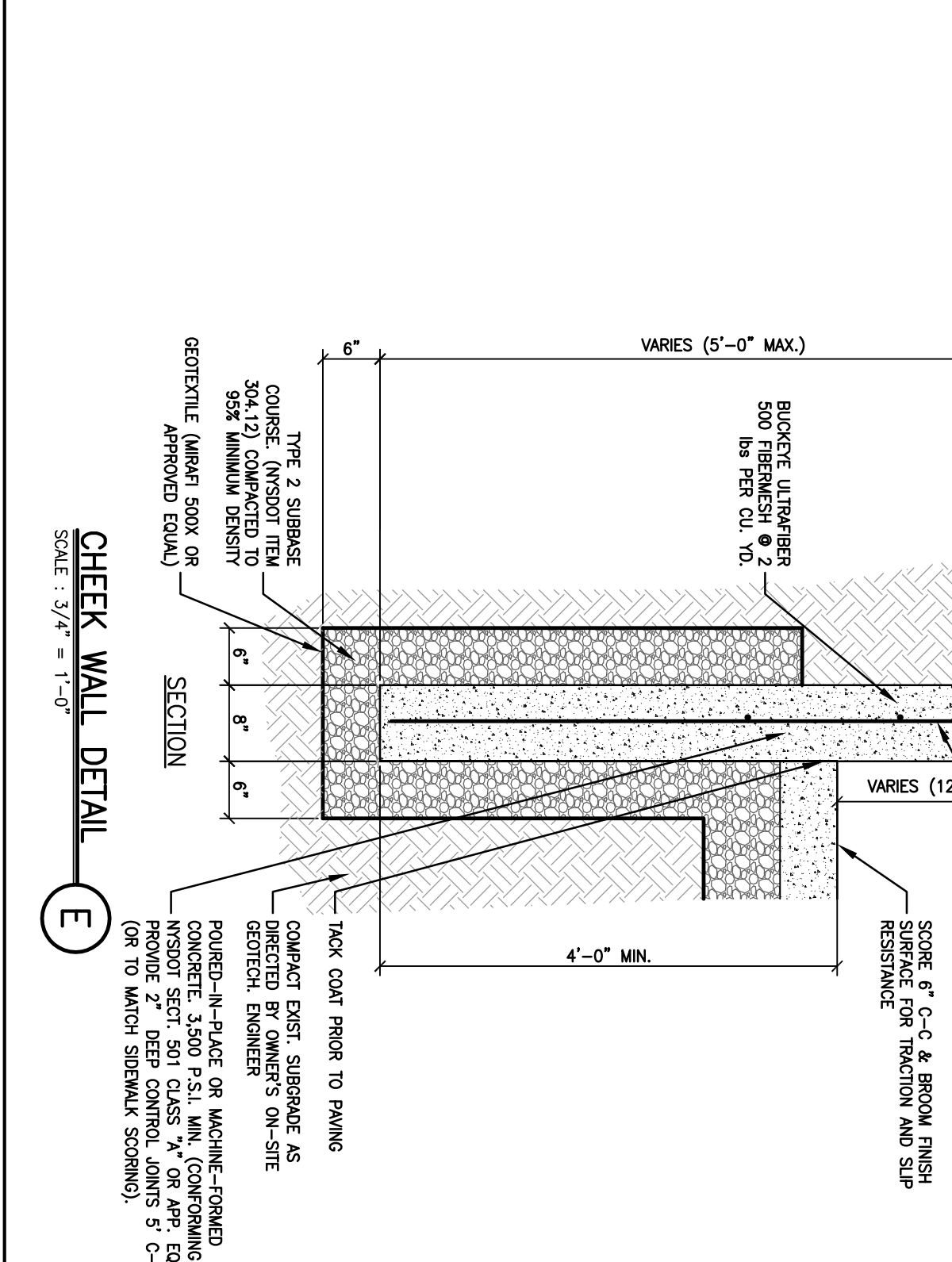
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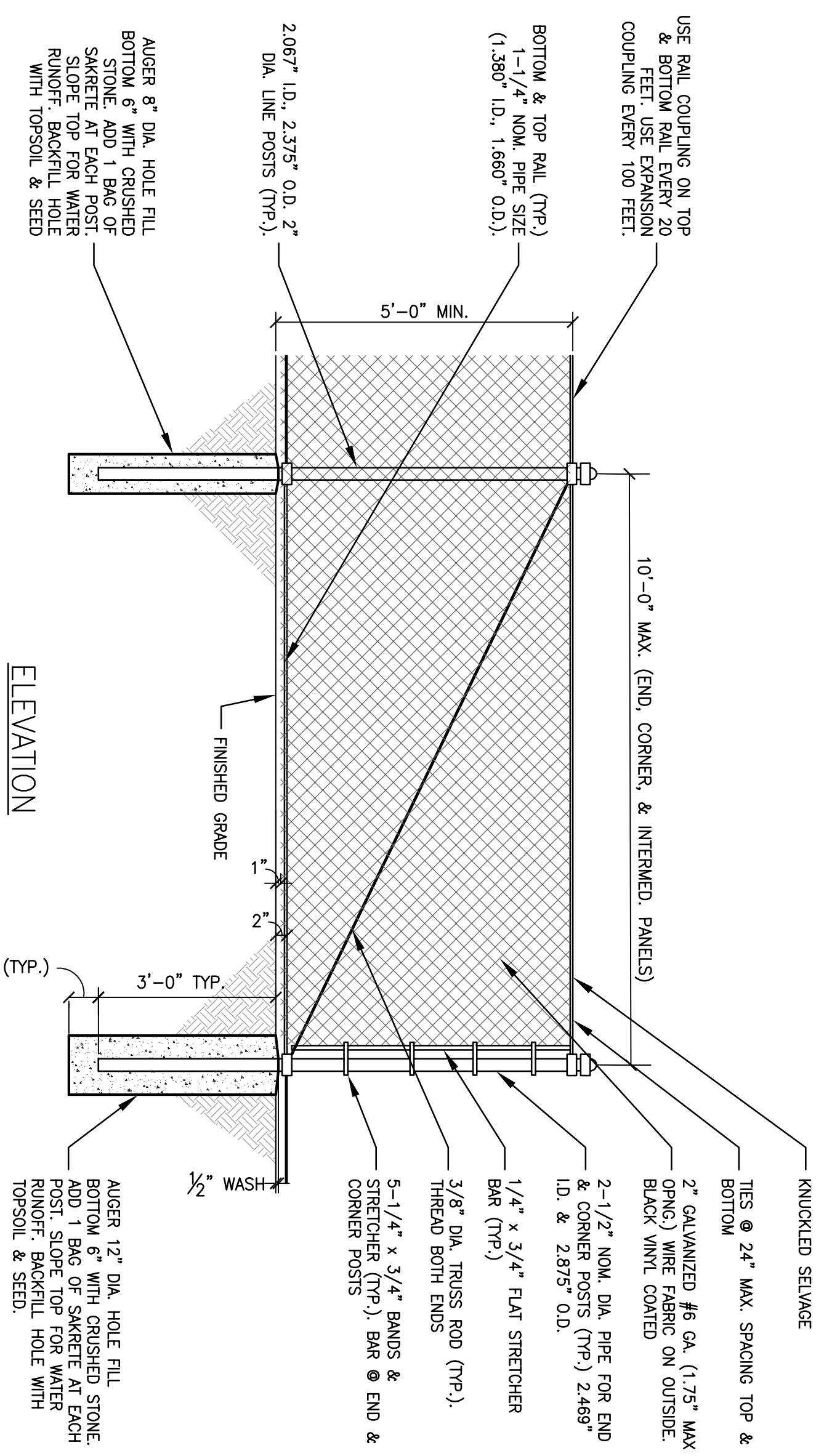
NOTES:
 1. ALL CONCRETE AREAS SHALL BE SCORED 5' ON CENTER BY SAW-CUTTING 1" MINIMUM DEPTH.
 2. EXPANSION JOINTS IN CONCRETE AREAS SHALL BE NO MORE THAN 25' ON CENTER AND AT INTERFACES BETWEEN WALLS, FOUNDATIONS, AND OTHER SLABS. INSTALL 1/2-INCH PRE-MOLDED RESILIENT JOINT FILLER AT ALL EXPANSION JOINTS.
 3. CONCRETE SHALL HAVE A SLUMP OF NO MORE THAN 5" AND AN AIR ENTRAINMENT OF 4%-5%. THE USE OF CALCIUM CHLORIDE IS NOT PERMITTED.



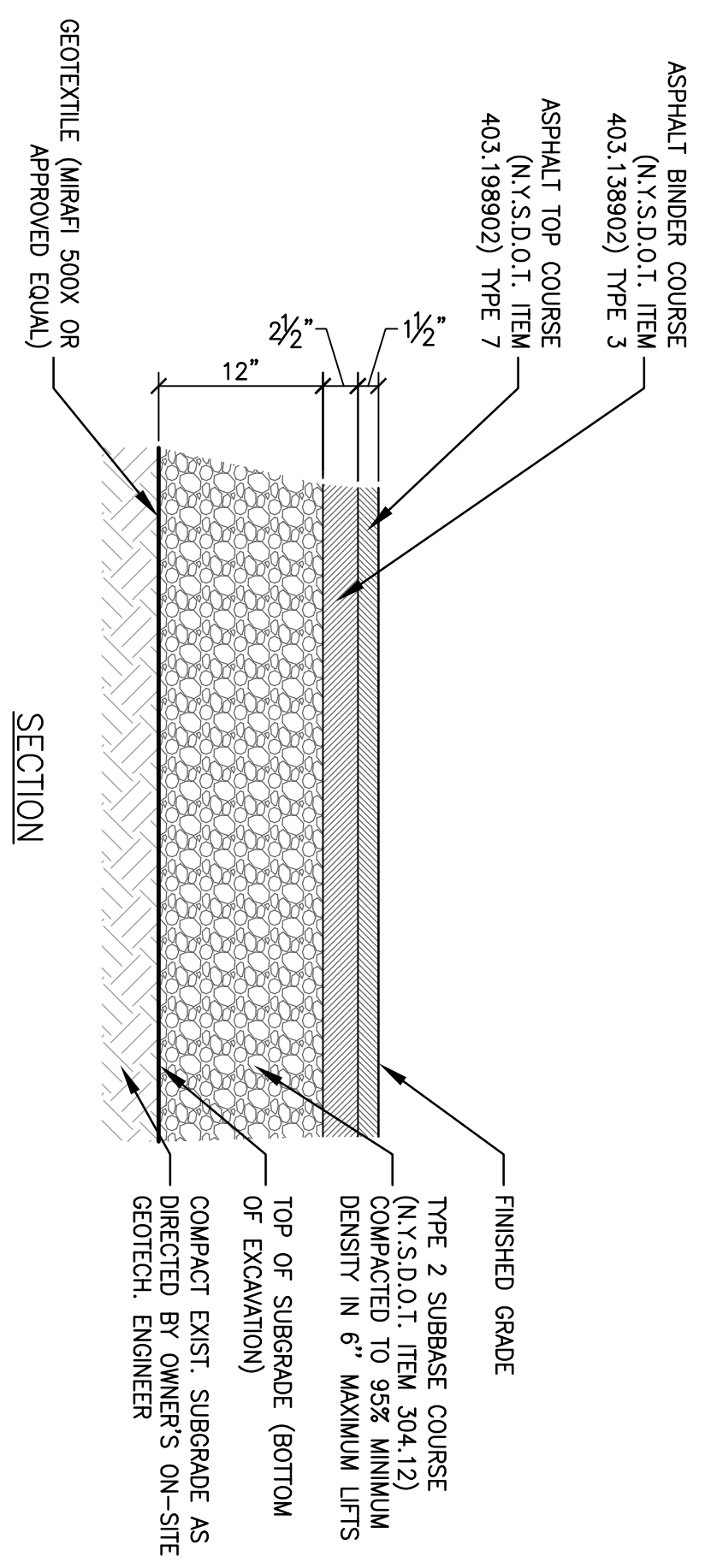
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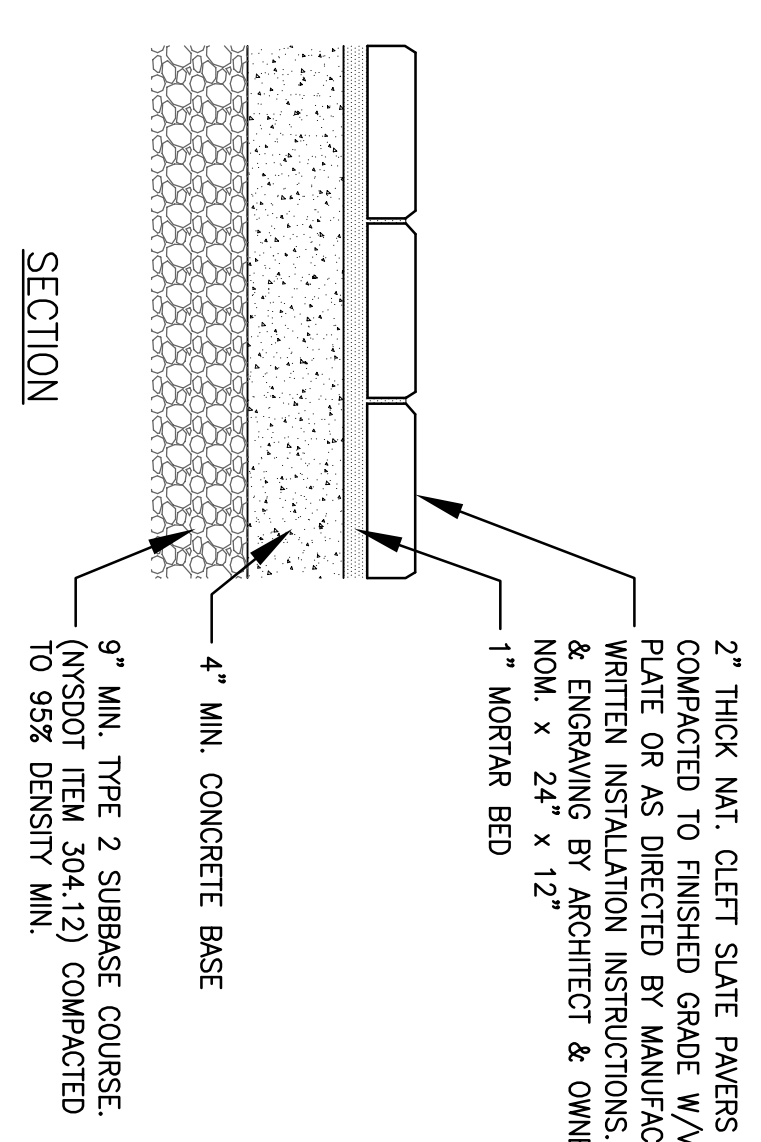
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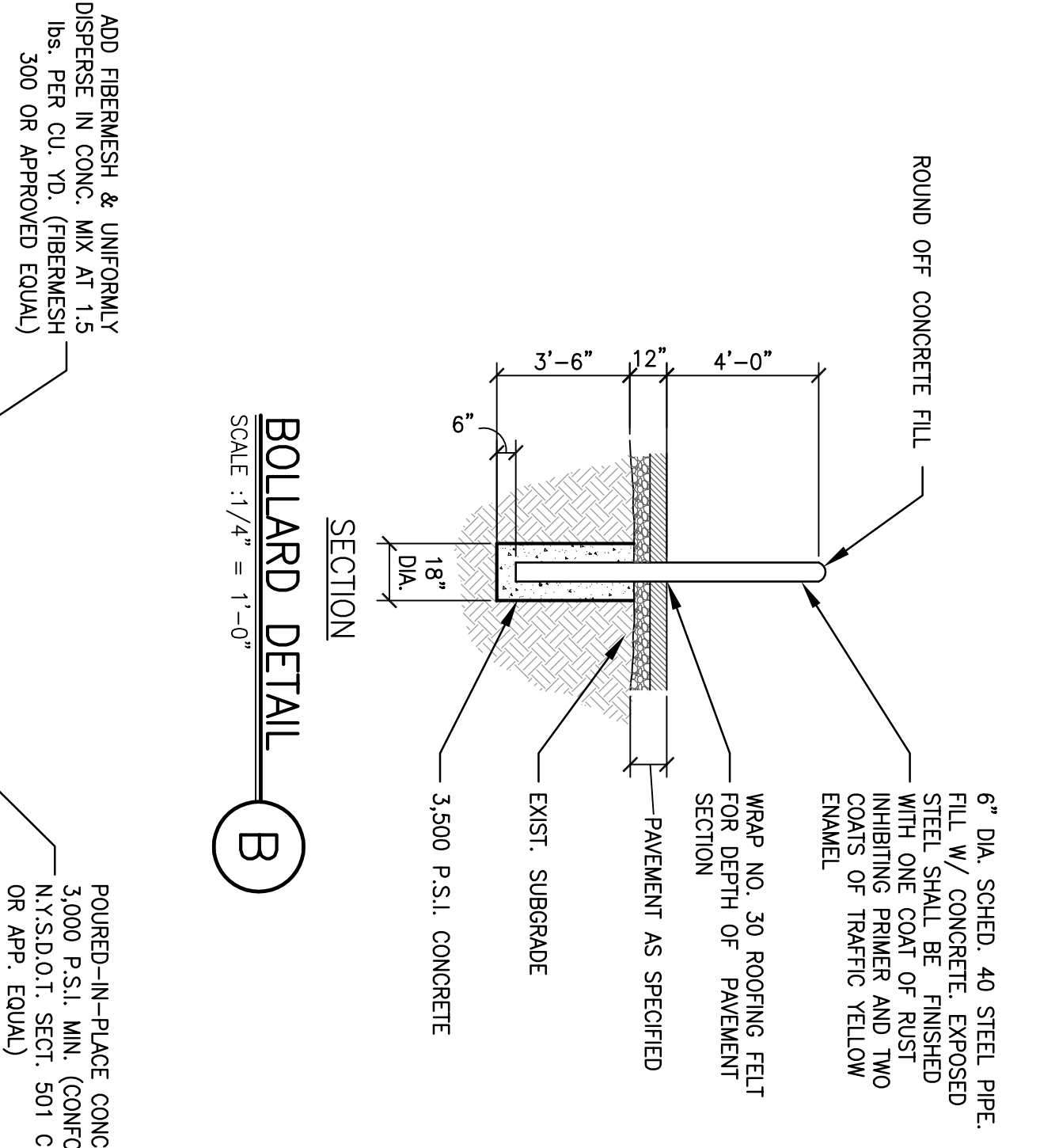
CHAIN LINK FENCE DETAIL (A)
SCALE: 1/2" = 1'-0"



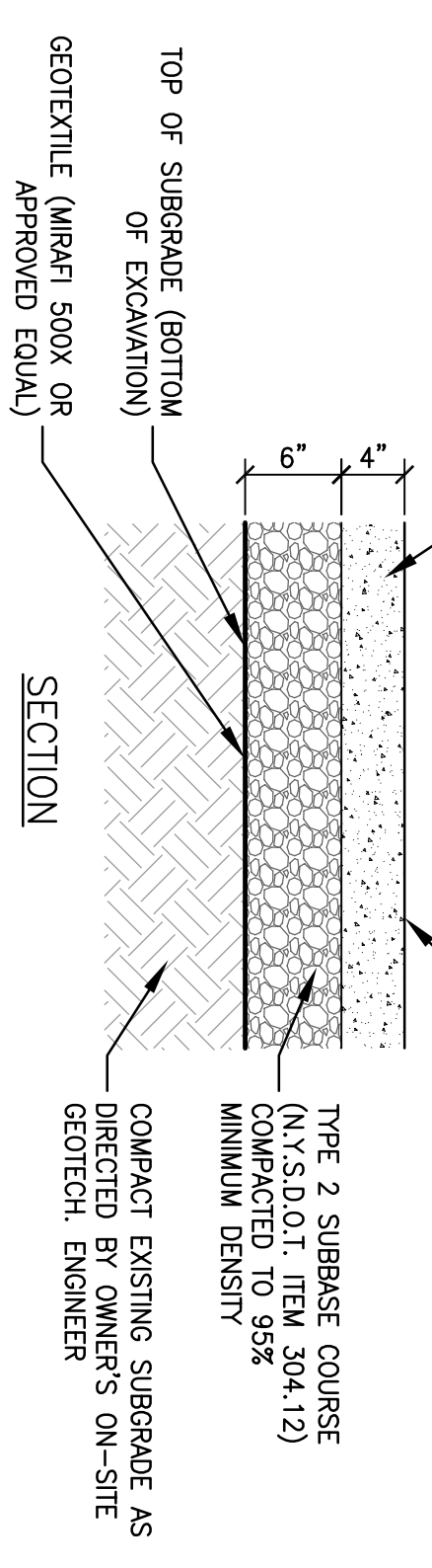
HEAVY-DUTY ASPHALT PAVEMENT DETAIL (D)
SCALE: 1" = 1'-0"



STONE PAVER DETAIL (G)
SCALE: 1-1/2" = 1'-0"

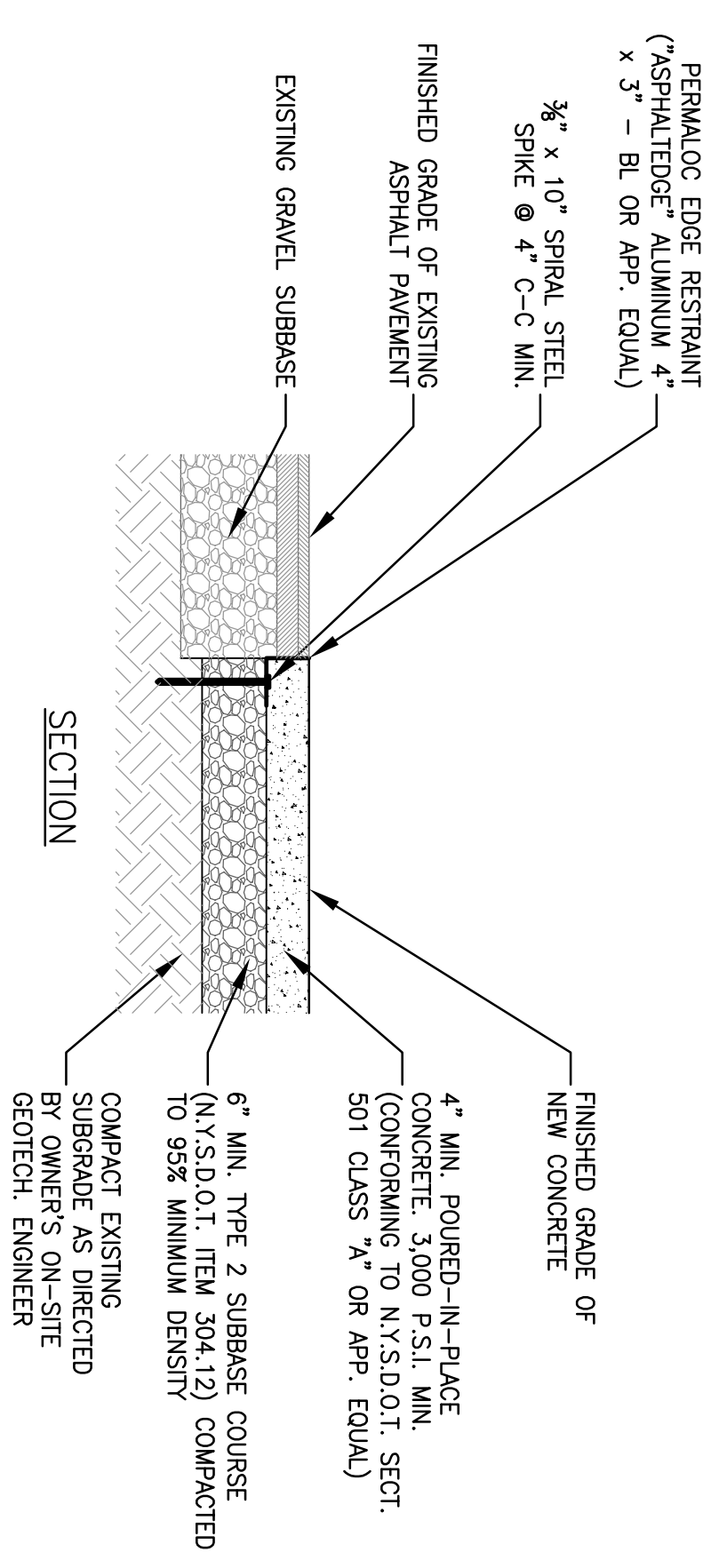


BOLLARD DETAIL (B)
SCALE: 1/4" = 1'-0"



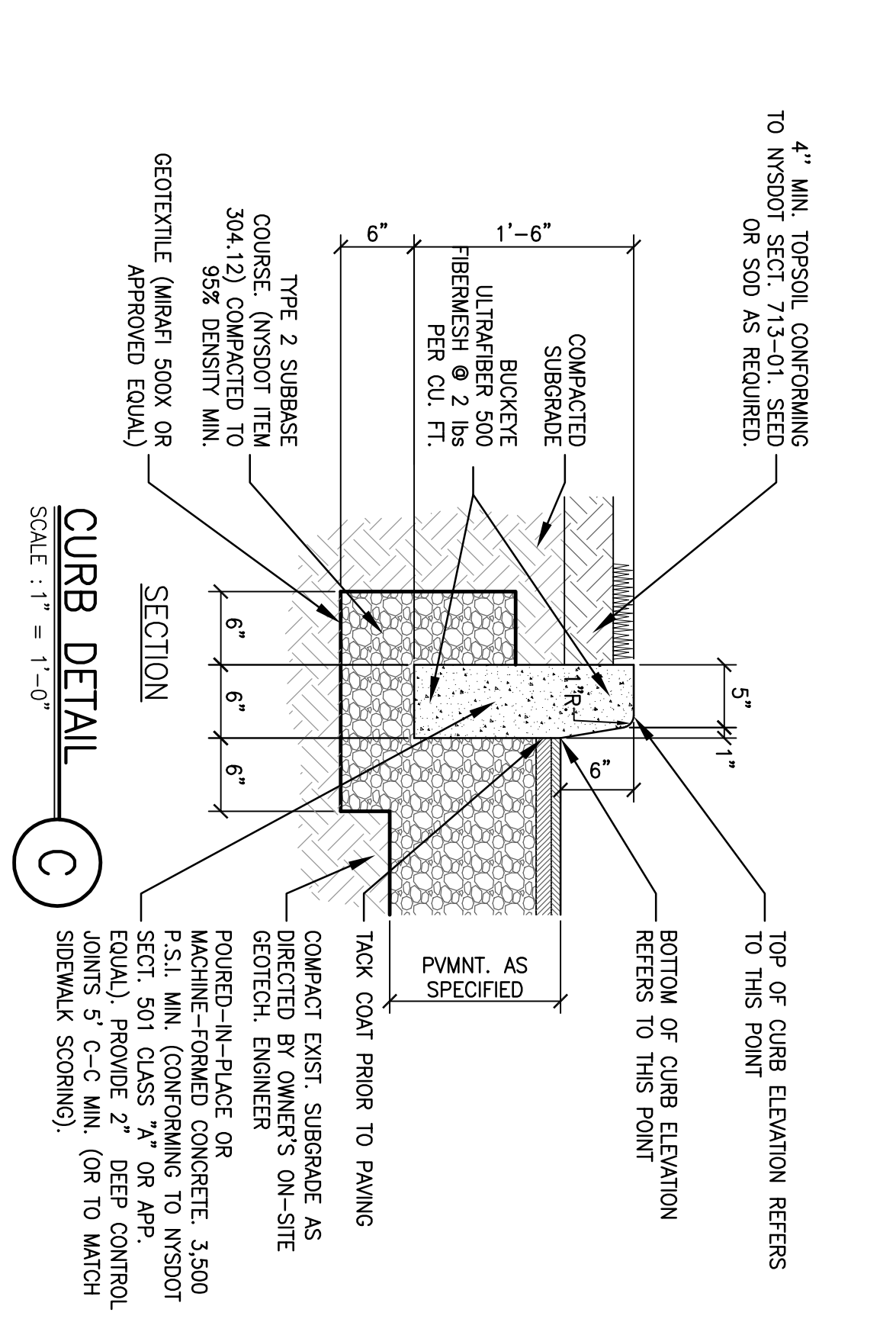
SIDEWALK / CONCRETE PAD DETAIL (E)
SCALE: 1" = 1'-0"

- NOTES:**
1. ALL CONCRETE FOR SIDEWALKS SHALL CONFORM TO N.Y.S.D.O.T. STANDARD SPECIFICATION 501. CONSTRUCTION SHALL CONFORM TO N.Y.S.D.O.T. STANDARD SPECIFICATION 608-3.
 2. ALL CONCRETE AREAS SHALL BE SCORED 5" ON CENTER (OR AS NOTED ON SHEET C-1.1) WITH SAW-CUT CONTROL JOINTS 1-1/2" INCHES DEEP. ALL SCORED JOINTS SHALL BE SAW-CUT WITHIN 24 HOURS OF POURING CONCRETE.
 3. EXPANSION JOINTS IN CONCRETE AREAS SHALL BE NO MORE THAN 25' ON CENTER AND AT INTERFACES BETWEEN DRIVEWAYS, SIDEWALKS, SLABS, AND FOUNDATIONS. ALL SIDEWALK CONCRETE SHALL BE TOoled AND SHALL HAVE A 1/2"-INCH EDGE BOARD EXPANSION JOINT. REMOVE TO DEPTH OF 1/2" BELOW SLAB. PROVIDE SEAL WITH 1/2" NON PRE-MOLDED RESIDENT JOINT FILLER AT ALL EXPANSION JOINTS.
 4. PROVIDE DOWELS @ 12" C-C INTO FOUNDATION WHERE SIDEWALK ABUTS BUILDING WALLS AT DOOR ENTRANCES ONLY TO PREVENT FROST HEAVING. AT OTHER AREAS WHERE SIDEWALK ABUTS BUILDING WALLS PROVIDE 1/2" PRE-MOLDED EXPANSION JOINT WITH BACKER ROD AND SEALANT.
 5. IN DRIVEWAY AREAS CONCRETE THICKNESS SHALL BE INCREASED TO 6 INCHES MINIMUM. IN DRIVEWAY AREAS CONCRETE SUBBASE SHALL BE INCREASED TO 9 INCHES MINIMUM OR TO THE DEPTH OF THE ADJACENT ASPHALT SUBBASE.
 6. CONCRETE SHALL HAVE A SLUMP OF NO MORE THAN 5" AND AN AIR ENTRAINMENT OF 4-6%. THE USE OF CALCIUM CHLORIDE IS NOT PERMITTED. PROVIDE PROPER CONCRETE CONFORMANCE WITH ALL A.C.I. REQUIREMENTS.

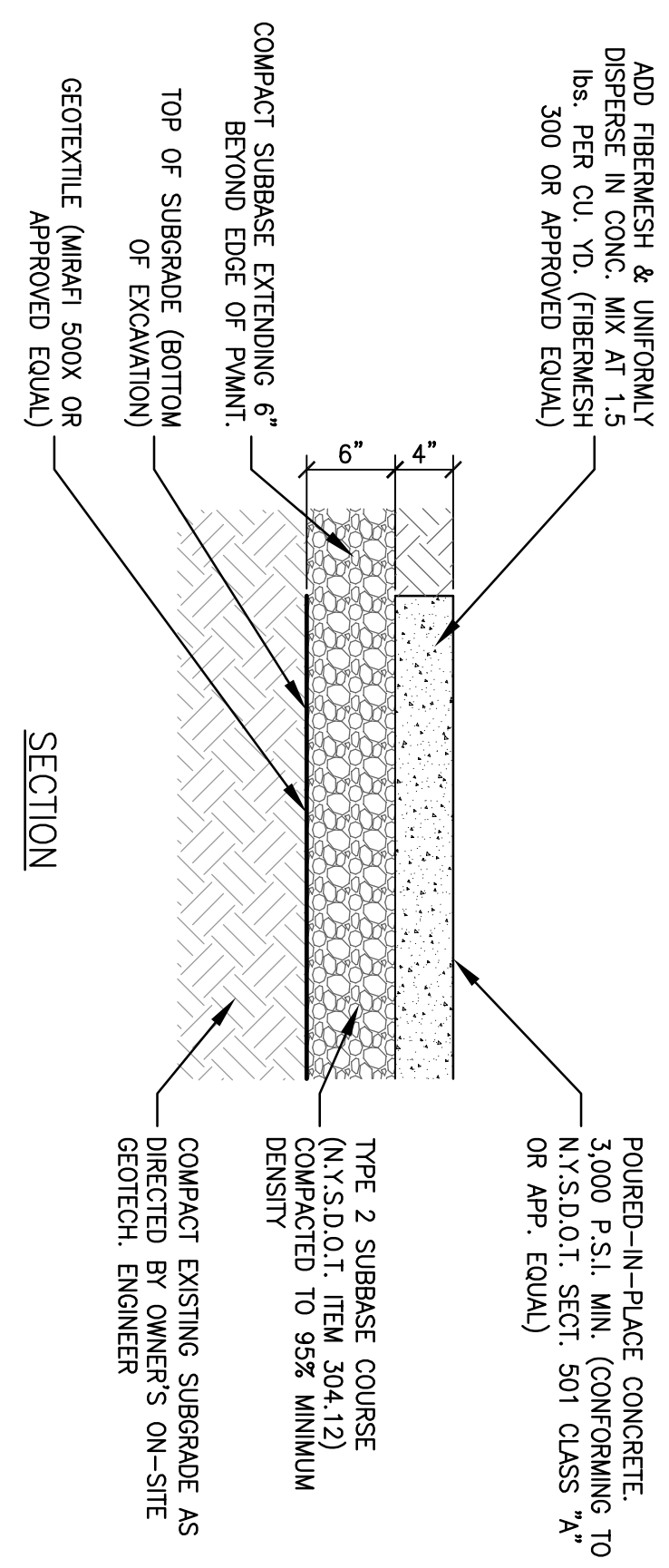


ASPHALT / CONCRETE INTERFACE (H)
SCALE: 3/4" = 1'-0"

- NOTES:**
1. INSTALL PER MANUFACTURER'S INSTALLATION GUIDELINES.
 2. CONNECT 8'-0" SECTIONS WITH 4" SLIDING CONNECTORS.
 3. NOTCH BASE OF EDGE RESTRAINT ONLY AND FORM A CONTINUOUS CORNER.
 4. ORDER FROM PERMALOC ALUMINUM EDGING, (800) 356-9660 OR WWW.PERMALOC.COM



CURB DETAIL (C)
SCALE: 1" = 1'-0"



CONCRETE EDGE DETAIL (F)
SCALE: 1" = 1'-0"

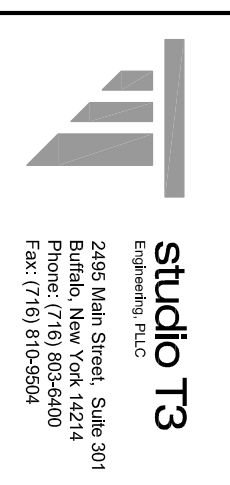
- NOTES:**
1. ALL CONCRETE FOR SIDEWALKS SHALL CONFORM TO N.Y.S.D.O.T. STANDARD SPECIFICATION 501. CONSTRUCTION SHALL CONFORM TO N.Y.S.D.O.T. STANDARD SPECIFICATION 608-3 WITH A SLUMP OF NO MORE THAN 5" AND AN AIR ENTRAINMENT OF 4-6%.
 2. ALL CONCRETE AREAS SHALL BE SCORED 5" ON CENTER (OR AS NOTED ON DRIVEWAY PLANS) AND SHALL BE SAW-CUT WITHIN 24 HOURS OF POURING CONCRETE.
 3. EXPANSION JOINTS IN CONCRETE AREAS SHALL BE NO MORE THAN 25' ON CENTER AND AT INTERFACES BETWEEN DRIVEWAYS, SIDEWALKS, SLABS, AND FOUNDATIONS. ALL SIDEWALK EDGES SHALL BE TOoled AND SHALL HAVE A 1/2"-INCH EDGE BOARD EXPANSION JOINT. REMOVE TO DEPTH OF 1/2" BELOW SLAB. PROVIDE SEAL WITH 1/2" NON PRE-MOLDED RESIDENT JOINT FILLER AT ALL EXPANSION JOINTS.

FOR OFFICIAL TOWN OF AMHERST USE

SITE DETAILS

NO.	REVISION	DATE
1	ISSUED FOR SITE PLAN REVIEW	1/21/25
2	ISSUED FOR CLIENT REVIEW	1/23/25

STAMP/SEAL

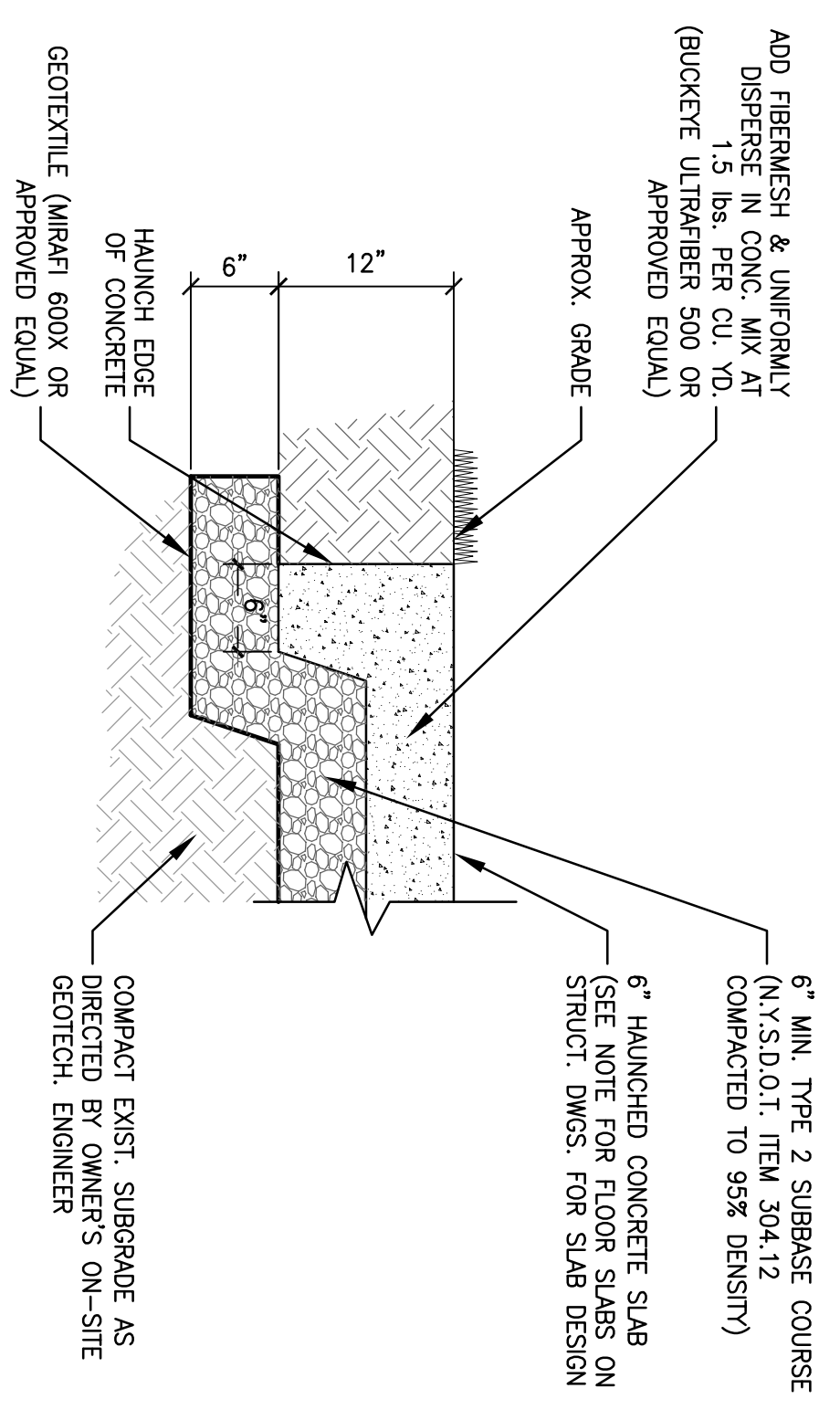


2465 Main Street, Suite 301
Brooklyn, NY 11229
Tel: (718) 810-9000
Fax: (718) 810-9004

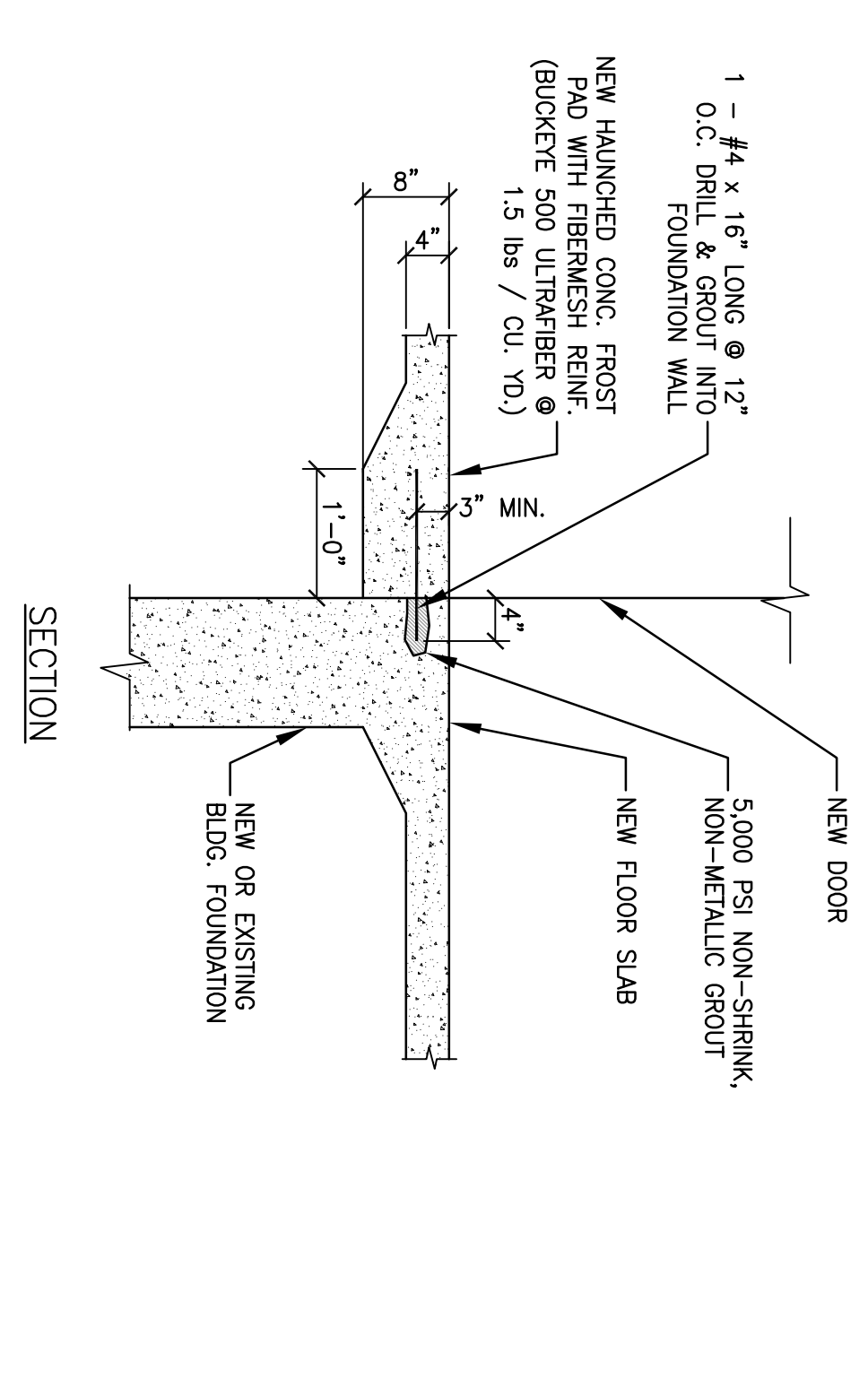
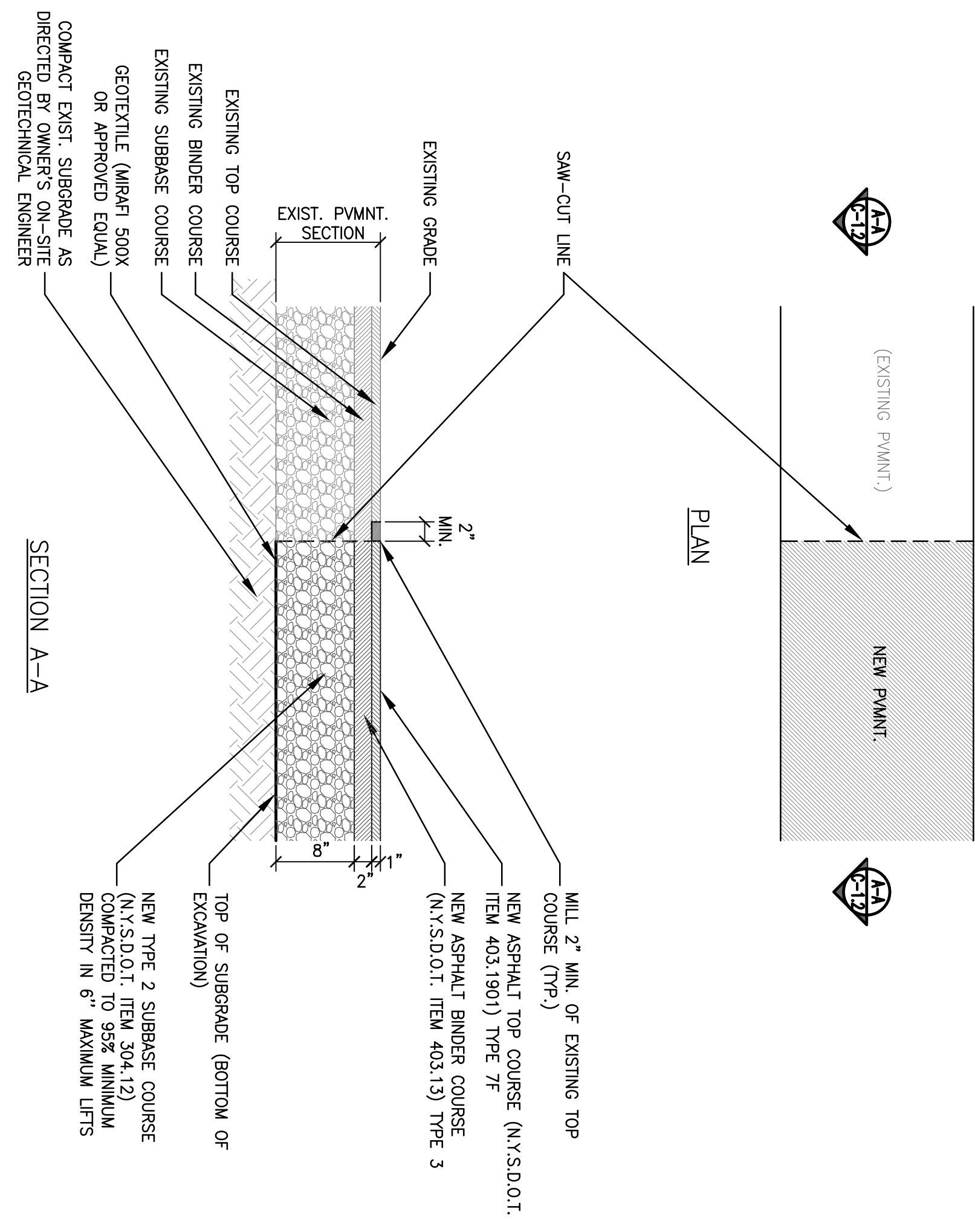
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CHECKED BY: RMT
JOB # 23-194A
SHEET C-1.3

EGGERTSVILLE HOSE COMPANY
EXTERIOR SITE IMPROVEMENTS
1880 EGGERT ROAD, AMHERST, NY 14226

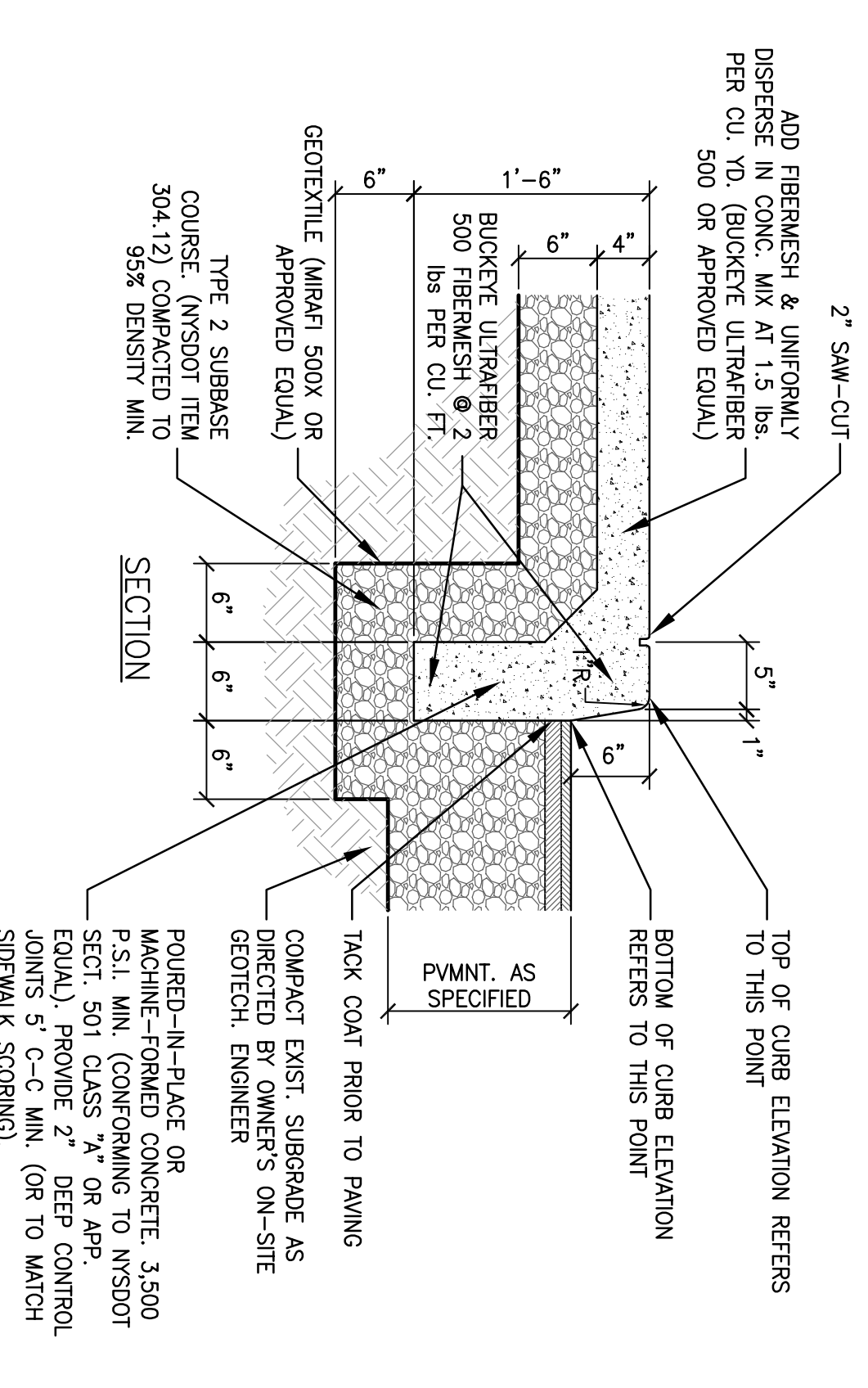
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- NOTES**
- ALL CONCRETE AREAS SHALL BE SCORED 5' ON CENTER (OR AS SHOWN ON SITE LAYOUT PLAN) BY SAW-CUTTING CONTROL JOINTS 1-1/2 INCHES DEEP. SEAL ALL JOINTS WITH ASPHALT CEMENT (N.Y.S.D.O.T. SPECIFICATION 702-0700).
 - EXPANSION JOINTS IN CONCRETE AREAS SHALL BE NO MORE THAN 25' ON CENTER AND AT INTERFACES BETWEEN DRIVEWAYS, SIDEWALKS, STAIRS, AND FOUNDATIONS. ALL SIDEWALK EDGES SHALL BE TOOLED AND SHALL HAVE A 1/4-INCH EDGE RADIUS.
 - INSTALL 1/2-INCH PRE-MOLDED RESILIENT JOINT FILLER AT ALL EXPANSION JOINTS AND AT INTERFACE BETWEEN SIDEWALK AND BUILDING WALLS.
 - CONCRETE SHALL HAVE A SLUMP OF NO MORE THAN 5" AND AN AIR ENTRAINMENT OF 4-6%. THE USE OF CALCIUM CHLORIDE IS NOT PERMITTED. PROVIDE PROPER CONCRETE PROTECTION IN COLD WEATHER AND MAINTAIN PROPER CURING PROCEDURES IN CONFORMANCE WITH ALL A.C.I. REQUIREMENTS.



- NOTES:**
- PROVIDE DOWELS @ 12" C-C INTO FOUNDATION WHERE SIDEWALK ABUTS AGAINST BUILDING WALL (AT DOOR ENTRANCES ONLY) TO PREVENT FROST HEAVING. AT OTHER AREAS WHERE SIDEWALK ABUTS AGAINST BUILDING WALL PROVIDE 1/2" PRE-MOLDED EXPANSION JOINT WITH BACKER ROD AND SEALANT.



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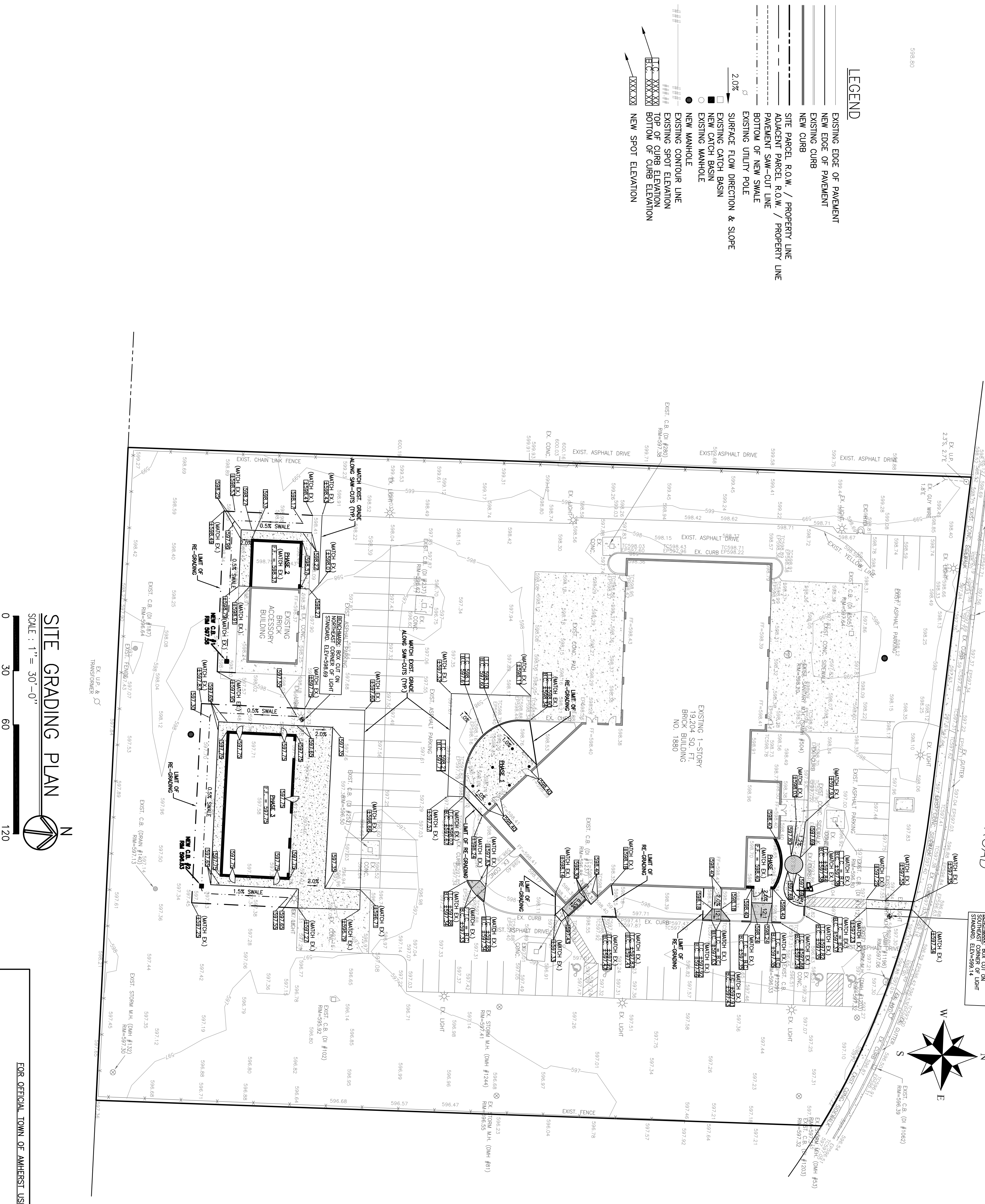
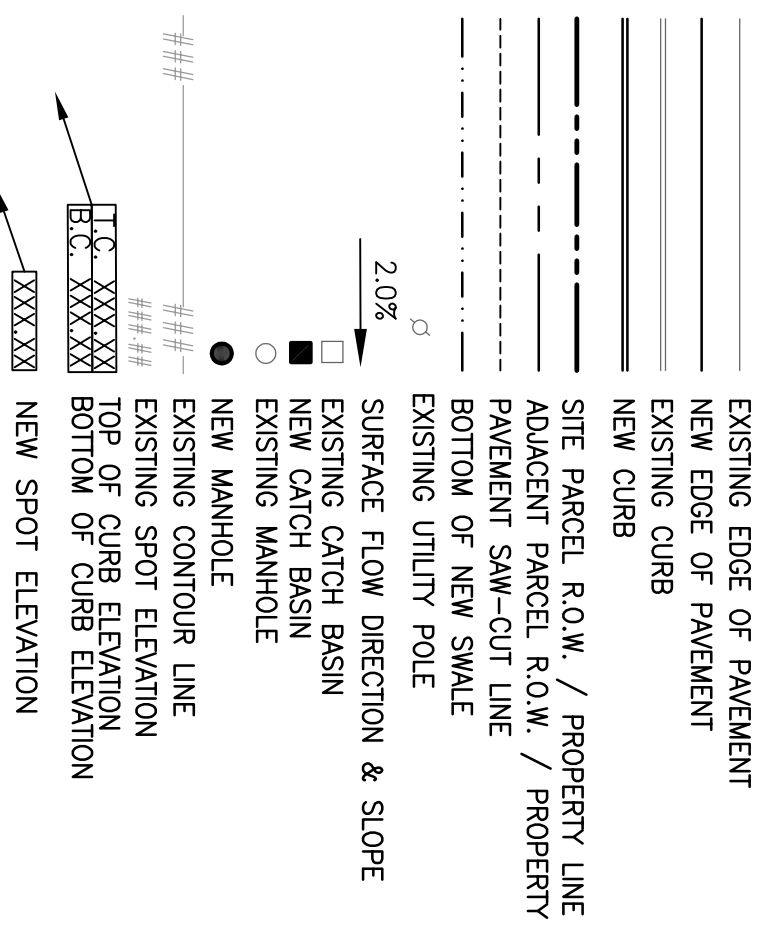
DRAWN BY: AMT		SHEET C-1.4	
CHECKED BY: RMT		JOB # 23-194A	
EGGERTSVILLE HOSE COMPANY EXTERIOR SITE IMPROVEMENTS 1880 EGGERT ROAD, AMHERST, NY 14226			
STAMP/SEAL			
ISSUED FOR CLIENT REVIEW	1/3/25		
ISSUED FOR SITE PLAN REV.	1/21/25		
FOR OFFICIAL TOWN OF AMHERST USE			
SITE DETAILS			
 studio t3 ENGINEERING PLLC 2465 Main Street, Suite 301 Buffalo, New York 14226 Tel: (716) 810-5600 Fax: (716) 810-5604			

WARNING: IT IS A VIOLATION OF SECTION 2209, SUBSECTION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER, TO ALTER IN ANY MANNER PLANS, SPECIFICATIONS, OR REPORTS TO WHICH THE SEAL OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER HAS BEEN APPLIED.

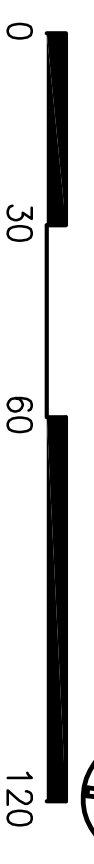
NOTES

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2. THE CONTRACTOR SHALL FIELD VERIFY ALL UNDERGROUND UTILITY LOCATIONS AND DEPTHS PRIOR TO THE START OF EXCAVATION AND CONSTRUCTION.
3. ALL SOIL FILL AREAS SHALL BE PLACED IN 8" MAXIMUM LIFTS.
4. ALL FILL AREAS BENEATH PAVED AREAS SHALL BE COMPACTED TO A MINIMUM 95% DENSITY IN 6" MAXIMUM LIFTS AS DETERMINED PER ASTM D 1557.
5. THE MINIMUM REQUIRED DENSITY FOR FILL BENEATH ALL DETENTION BASIN AREAS SHALL BE AT LEAST 92% OF THE MAXIMUM DRY DENSITY WITH A MOISTURE CONTENT WITHIN 2% OF THE OPTIMUM.
6. WHEREVER POSSIBLE EXCAVATED TOPSOIL SHALL BE STOCKPILED ON SITE AND RE-USED DURING LANDSCAPING AS NECESSARY.
7. FUTURE LAWN AREAS SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 3 INCHES PRIOR TO PLACEMENT OF TOPSOIL AND SEED.
8. TILLING SHALL NOT BE PERFORMED WITHIN THE DRIP LINE OF EXISTING TREES TO REMAIN OR OVER EXISTING UNDERGROUND UTILITIES LESS THAN 24 INCHES BELOW GRADE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SHORING AND UNDERPINNING EXPOSED FOUNDATIONS ADJACENT TO EXCAVATIONS. THE STRUCTURAL ENGINEER SHALL BE CONTACTED FOR ASSOCIATED DETAILS.
10. ANY DAMAGED PROPERTY WITHIN THE PROJECT SITE OR ADJACENT PROJECT SITES SHALL BE RESTORED IN KIND.
11. ANY DEVIATION FROM ANY PLANS IN THIS DRAWING SET SHALL REQUIRE APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) AND THE TOWN OF AMHERST PLANNING AND BUILDING DEPARTMENTS, AS WELL AS THE APPROPRIATE UTILITY COMPANIES AND SERVICE PROVIDERS. ANY AND ALL CHANGES MADE WITHOUT NOTIFICATION OR APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) SHALL BE CONSIDERED UNAUTHORIZED AND THE DESIGN ENGINEER (STUDIO T3) SHALL NOT BE LIABLE FOR ANY DAMAGES, DELAYS, ADDITIONAL COSTS INCURRED, OR ANY OTHER CONSEQUENCES ARISING FROM SUCH CHANGES.
12. ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE INSURED AND LICENSED BY THE STATE OF NEW YORK, THE COUNTY OF ERIE, AND THE TOWN OF AMHERST.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL NECESSARY FEES AND OBTAINING ALL NECESSARY PERMITS PRIOR TO THE START OF CONSTRUCTION. CONTACT TOWN OF AMHERST BUILDING DEPARTMENT (716) 631-7080 FOR INSTRUCTIONS, PERMIT APPLICATIONS, AND FEES.

LEGEND



SITE GRADING PLAN
SCALE : 1" = 30'-0"



FOR OFFICIAL TOWN OF AMHERST USE

EGGERTSVILLE HOSE COMPANY
EXTERIOR SITE IMPROVEMENTS
1880 EGGERT ROAD, AMHERST, NY 14226

SITE GRADING PLAN

studio T3
EGGERTSVILLE, NY
2465 MAIN STREET, SUITE 301
EGGERTSVILLE, NY 14226
Tel: (716) 836-3930
Fax: (716) 836-3934

DRAWN BY: AWI
CHECKED BY: RMT
JOB # 23-194A
SHEET
C-2.0

THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY OBSTRUCTIONS NOT SHOWN ON THIS PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS FROM ALL AFFECTING AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS FROM ALL AFFECTING AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS FROM ALL AFFECTING AGENCIES.

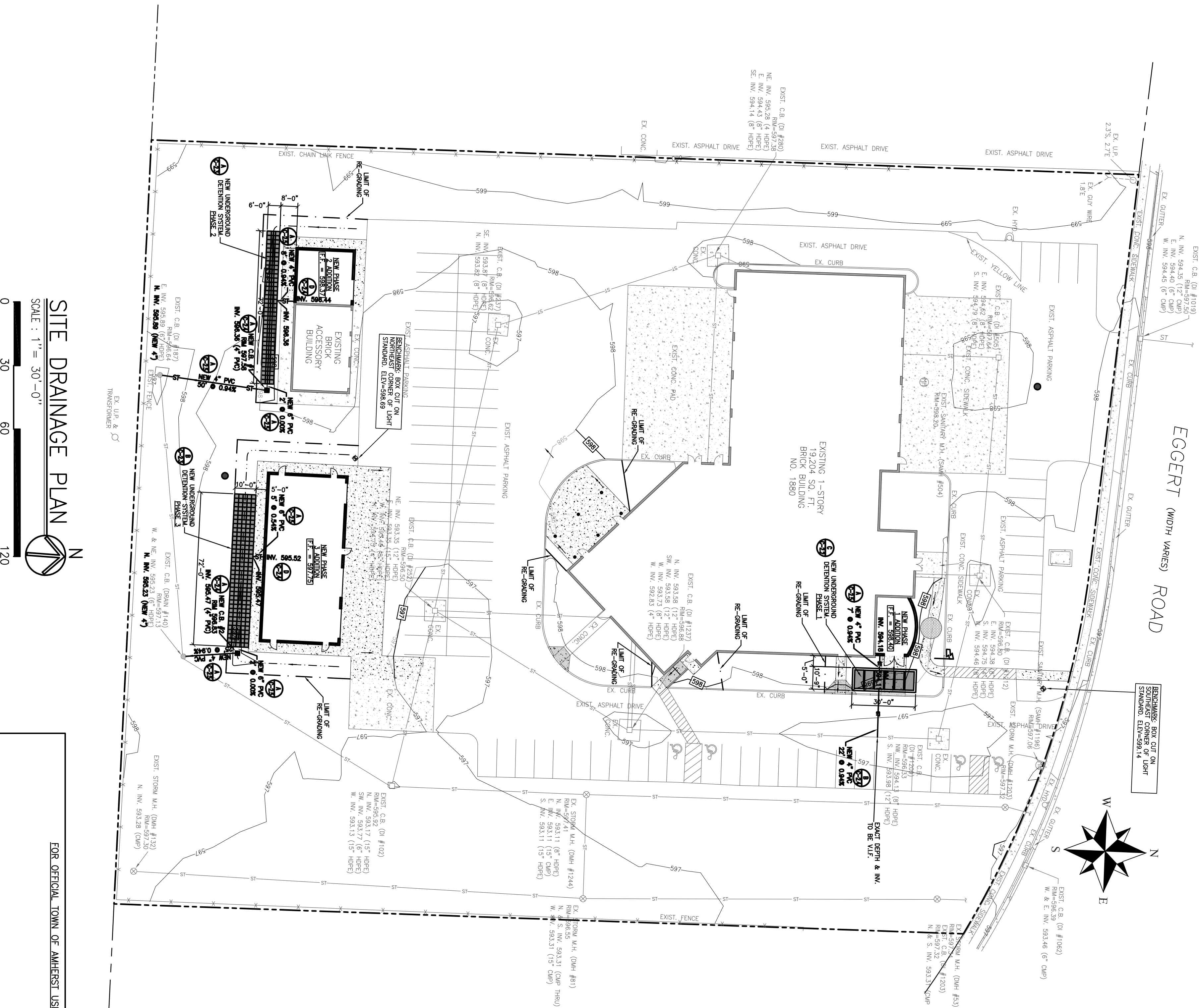
WARNING: IT IS A VIOLATION OF SECTION 7208, SUBSECTION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER, TO ALTER IN ANY MANNER ANY PLAN, SPECIFICATION, OR REPORT TO WHICH THE SEAL OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER HAS BEEN APPLIED.

NOTES

- FOR REFERENCE INFORMATION, SEE TOPOGRAPHIC SURVEY PERFORMED BY THE TOWN OF AMHERST, DATED FEBRUARY 7, 2024, AND IDENTIFIED AS JOB NO. 4994, INCLUDED WITH THIS SET OF SITE PLANS.
- FOR REFERENCE ALSO SEE ARCHITECTURAL AND PLUMBING PLANS FOR EXACT LOCATIONS AND DEPTHS OF ROOF DRAIN LEADER CONNECTIONS AT BUILDING WALLS.
- THE DESIGN ENGINEER (STUDIO T3) IS NOT RESPONSIBLE FOR STORM SEWER SYSTEM FAILURE DUE TO LACK OF INSPECTIONS OR MAINTENANCE.
- THE DESIGN ENGINEER (STUDIO T3) IS NOT RESPONSIBLE FOR ANY UTILITIES NOT SHOWN ON THE SURVEY OR ANY ACCIDENTAL RUPTURES DURING EXCAVATION OR CONSTRUCTION. THE DESIGN ENGINEER (STUDIO T3) AND THE RESPECTIVE UTILITY COMPANIES SHALL BE IMMEDIATELY NOTIFIED BY THE INSTALLATION CONTRACTOR UPON DISCOVERY OF ANY SUCH UTILITIES. ANY SUCH UTILITIES NOT SHOWN ON THE SURVEY WORK SHALL BE IMMEDIATELY SUSPENDED AND NOT COMMENCE UNTIL SUCH DISCOVERED UTILITIES ARE IDENTIFIED AND THE DESIGN ENGINEER (STUDIO T3) ISSUES EITHER A WRITTEN APPROVAL OR A SIGNED REVISED PLAN. IF NECESSARY, AN UNDERGROUND UTILITY SURVEY SHALL BE DONE PRIOR TO EXCAVATION AND CONSTRUCTION IN ORDER TO ELIMINATE DELAYS RESULTING FROM UNEXPECTED BURIED UTILITIES ENCOUNTERED.
- THE DESIGN ENGINEER (STUDIO T3) SHALL BE IMMEDIATELY CONTACTED UPON DISCOVERY OF ANY ABOVEGROUND OR BELOW GROUND OBJECTS NOT SHOWN ON THE BACKGROUND SURVEY THAT ARE UNCOVERED DURING EXCAVATION OR CONSTRUCTION (BUILDING FOUNDATIONS, BURIED VAULTS, TREES, SIDEWALKS, PAVEMENT, RAILINGS, SIGNS, STOCKPILES, STUMPS, OR SIMILAR) WHICH WILL INTERFERE OR CONFLICT WITH ANY PROPOSED WORK SHOWN ON THIS PLAN. SUCH DISCOVERED UTILITIES, STRUCTURES AND OBJECTS ARE IDENTIFIED AND THE DESIGN ENGINEER (STUDIO T3) ISSUES EITHER A WRITTEN APPROVAL OR A SIGNED REVISED PLAN.
- ALL NEW ROOF DRAIN LATERALS SHALL CONFORM TO ASTM D 2865, ASTM D 3034, ASTM F 891, CSA-B182.2, OR CAN/CSA-B182.4.
- ALL STORM PIPE FITTINGS SHALL CONFORM TO ASTM D 2609, ASTM D 2444, ASTM 2466, ASTM D 2467, CAN/CSA-B1757.2, OR ASTM D 2855.
- REGULAR MAINTENANCE OF THE UNDERGROUND DETENTION SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER (EGGERTSVILLE HOSE).
- THE CONTRACTOR SHALL PERFORM ALL APPLICABLE TESTS AS REQUIRED BY THE LOCAL PLUMBING AND BUILDING DEPARTMENT, AS WELL AS TESTS REQUIRED BY THE NYS PLUMBING CODE SECTIONS 312.2 THRU 312.9.
- ALL JOINTS OR JOINT SYSTEMS FOR NEW UNDERGROUND DETENTION SYSTEMS AND STORM SEWERS SHALL BE SILT TIGHT, AND SHALL RESIST INFILTRATION OF SOIL PARTICLES THAT PASS THE NO. 200 SIEVE. IF GEOTEXTILE WRAP IS SPECIFIED FOR USE IN JOINTS, IT SHALL MEET ASTM M288, WITH AN APPARENT OPENING SIZE (AOS) GREATER THAN 70.
- PER SECTION 107.2 OF THE NYS PLUMBING CODE, THE CONTRACTOR SHALL NOTIFY THE TOWN OF AMHERST PLUMBING INSPECTOR AT (716) 631-7080 TO SCHEDULE INSPECTIONS OF ALL NEW UTILITY INSTALLATIONS. UNDERGROUND INSPECTIONS SHALL BE MADE AFTER TRENCHES ARE EXCAVATED, PIPING INSTALLED, AND BEFORE ANY BACKFILL IS PUT IN PLACE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE PLUMBING INSPECTOR WITHIN 48 HOURS OF THE COMPLETION OF ALL EXCAVATION, MATERIAL, AND LABOR REQUIRED FOR TESTING SHALL BE FURNISHED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SHORING AND UNDERPINNING EXPOSED FOUNDATIONS ADJACENT TO EXCAVATIONS. THE STRUCTURAL ENGINEER SHALL BE CONTACTED FOR ASSOCIATED DETAILS.
- ANY DAMAGED PROPERTY WITHIN THE PROJECT SITE OR ADJACENT PROPERTIES SHALL BE RESTORED IN KIND.
- ANY DEVIATION FROM ANY PLANS IN THIS DRAWING SET SHALL REQUIRE APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) AND THE TOWN OF AMHERST PLANNING AND BUILDING DEPARTMENTS, AS WELL AS PROPERLY PREPARED CONTRACTS AND SERVICE AGREEMENTS. ANY CHANGES MADE WITHOUT NOTIFICATION OR APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) SHALL BE CONSIDERED UNAUTHORIZED AND THE DESIGN ENGINEER (STUDIO T3) SHALL NOT BE LIABLE FOR ANY DAMAGES, DELAYS, ADDITIONAL COSTS INCURRED, OR ANY OTHER CONSEQUENCES ARISING FROM SUCH CHANGES.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE INSURED AND LICENSED IN THE STATE OF NEW YORK, THE COUNTY OF FULTON, AND THE TOWN OF AMHERST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING FOR ALL NECESSARY FEES AND OBTAINING ALL NECESSARY PERMITS PRIOR TO THE START OF CONSTRUCTION. CONTACT THE TOWN OF AMHERST BUILDING DEPARTMENT (716) 631-7080 FOR INSTRUCTIONS, PERMIT APPLICATIONS, AND FEES.

LEGEND

- EXISTING EDGE OF PAVEMENT
- NEW EDGE OF PAVEMENT
- EXISTING CURB
- NEW CURB (6")
- SITE PARCEL R.O.W. / PROPERTY LINE
- ADJACENT PARCEL R.O.W. / PROPERTY LINE
- BOTTOM OF NEW SWALE
- ST- EXISTING STORM SEWER
- ST- NEW STORM SEWER
- ST- EXISTING UTILITY POLE
- EXISTING HYDRANT
- PROPOSED SURFACE FLOW DIRECTION
- EXISTING CATCH BASIN
- NEW CATCH BASIN
- EXISTING MANHOLE
- NEW MANHOLE
- EXISTING CONTOUR LINE (TO REMAIN)
- FORMER CONTOUR LINE (RE-GRADED)
- NEW CONTOUR LINE (FINISHED GRADE)



SITE DRAINAGE PLAN
SCALE: 1" = 30'-0"
0 30 60 120

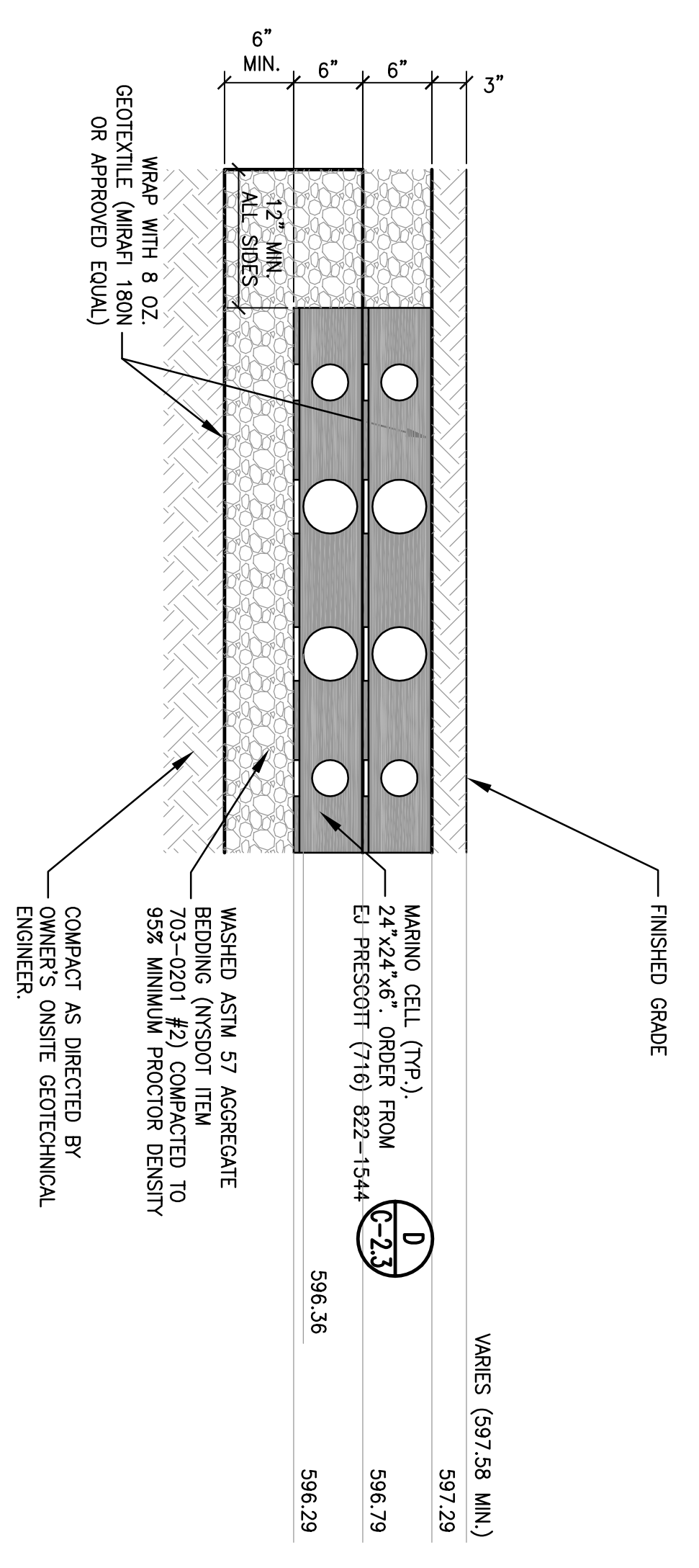
FOR OFFICIAL TOWN OF AMHERST USE

EGGERTSVILLE HOSE COMPANY
EXTERIOR SITE IMPROVEMENTS
1880 EGGERT ROAD, AMHERST, NY 14226

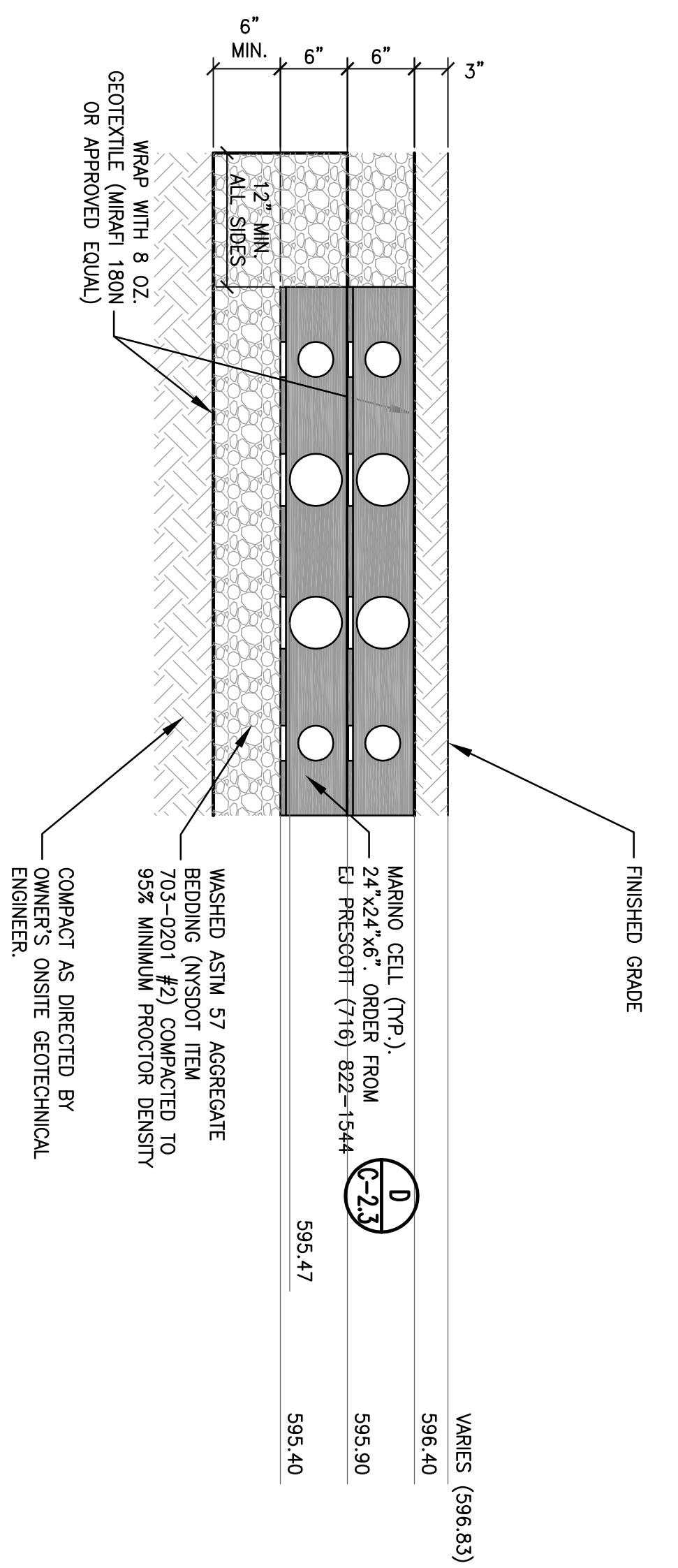
STAMP/SEAL	ISSUED FOR SITE PLAN REVIEW	1/21/25
ISSUED FOR CLIENT REVIEW	1/9/25	
<p>studio T3 2465 Main Street, Suite 301 Buffalo, New York 14226 Phone: (716) 835-8278 Fax: (716) 835-8064</p>		
DRAWN BY: AMT	CHECKED BY: RMT	SHEET C-2.1
JOB # 23-194A		

THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY UNEXPECTED BURIED UTILITIES ENCOUNTERED. THE CONTRACTOR SHALL BE IMMEDIATELY CONTACTED UPON DISCOVERY OF ANY ABOVEGROUND OR BELOW GROUND OBJECTS NOT SHOWN ON THE SURVEY OR ANY ACCIDENTAL RUPTURES DURING EXCAVATION OR CONSTRUCTION. THE DESIGN ENGINEER (STUDIO T3) AND THE RESPECTIVE UTILITY COMPANIES SHALL BE IMMEDIATELY NOTIFIED BY THE INSTALLATION CONTRACTOR UPON DISCOVERY OF ANY SUCH UTILITIES. ANY SUCH UTILITIES NOT SHOWN ON THE SURVEY WORK SHALL BE IMMEDIATELY SUSPENDED AND NOT COMMENCE UNTIL SUCH DISCOVERED UTILITIES ARE IDENTIFIED AND THE DESIGN ENGINEER (STUDIO T3) ISSUES EITHER A WRITTEN APPROVAL OR A SIGNED REVISED PLAN. IF NECESSARY, AN UNDERGROUND UTILITY SURVEY SHALL BE DONE PRIOR TO EXCAVATION AND CONSTRUCTION IN ORDER TO ELIMINATE DELAYS RESULTING FROM UNEXPECTED BURIED UTILITIES ENCOUNTERED.

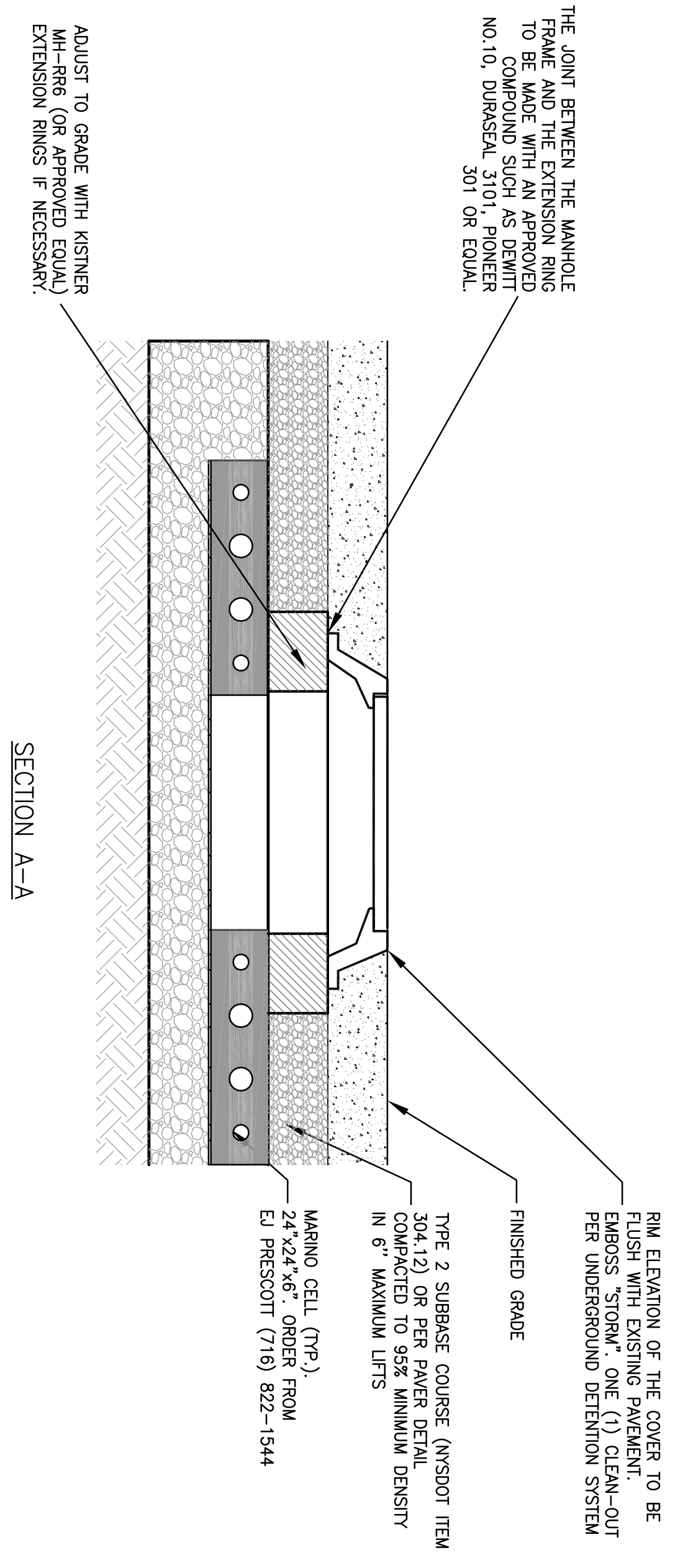
THE CONTRACTOR SHALL CONTACT THE DESIGNER TO DISCUSS THE SITE AND THE FINAL SET OF DESIGN PLANS IS TO BE SUBMITTED AS OF THE DATE IT WAS ISSUED. THE DESIGNER SHALL BE NOTIFIED IMMEDIATELY BY THE CONTRACTOR OF ANY CHANGES TO THE DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF AMHERST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF AMHERST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF AMHERST.



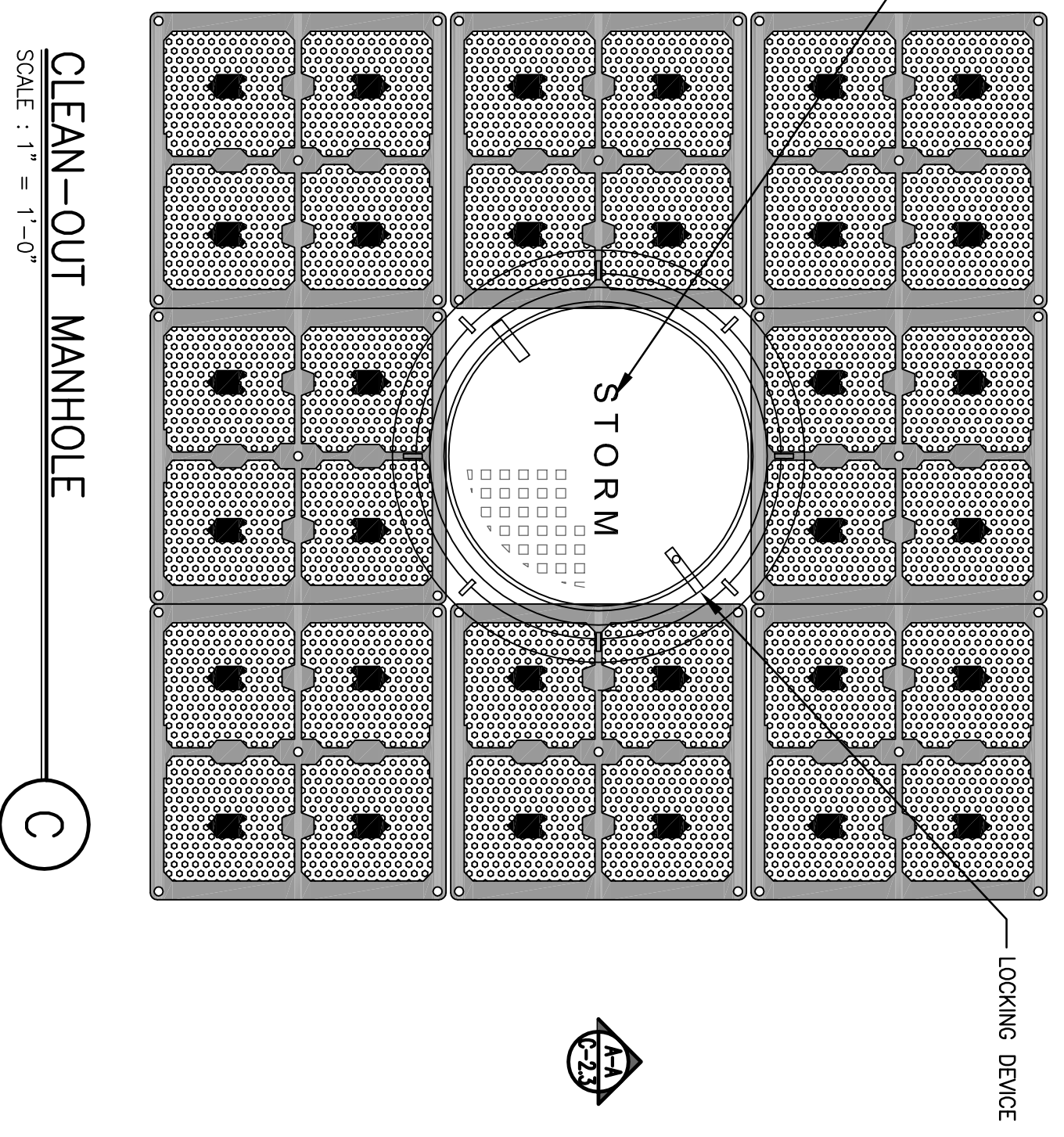
PHASE 2 UNDERGROUND DETENTION SECTION A



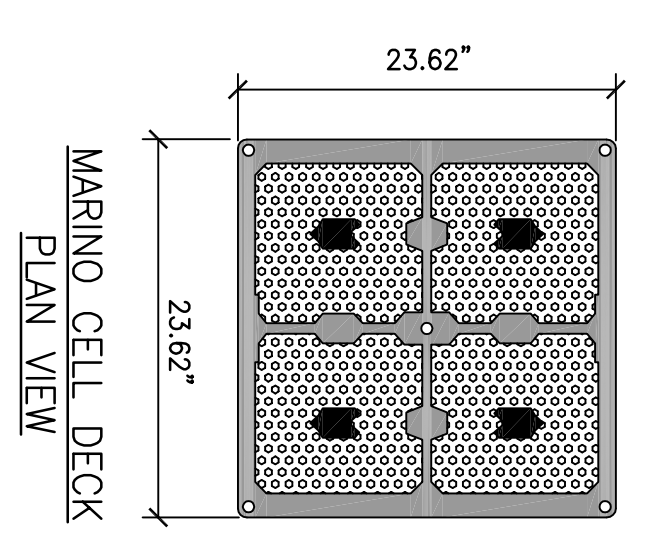
PHASE 3 UNDERGROUND DETENTION SECTION B



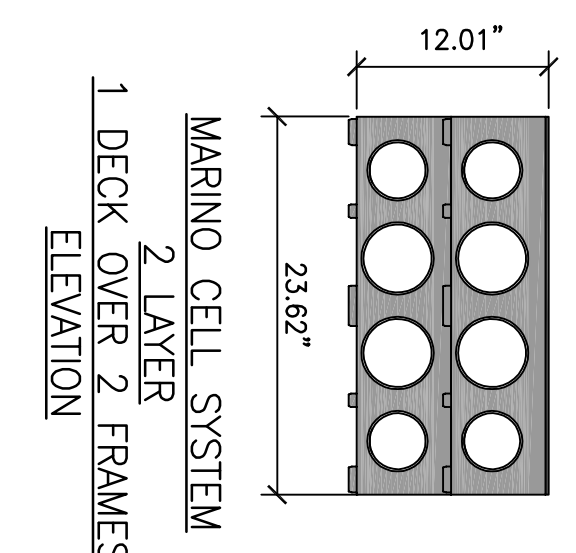
SECTION A-A



CLEAN-OUT MANHOLE SCALE: 1" = 1'-0"



MARINO CELL DECK PLAN VIEW



MARINO CELL SYSTEM 1 DECK OVER 2 FRAMES ELEVATION

UNDERGROUND DETENTION STANDARD DETAILS D ORDER MARINO CELL SYSTEM FROM EJ PRESCOTT (716) 822-1544

FOR OFFICIAL TOWN OF AMHERST USE

DRAINAGE DETAILS

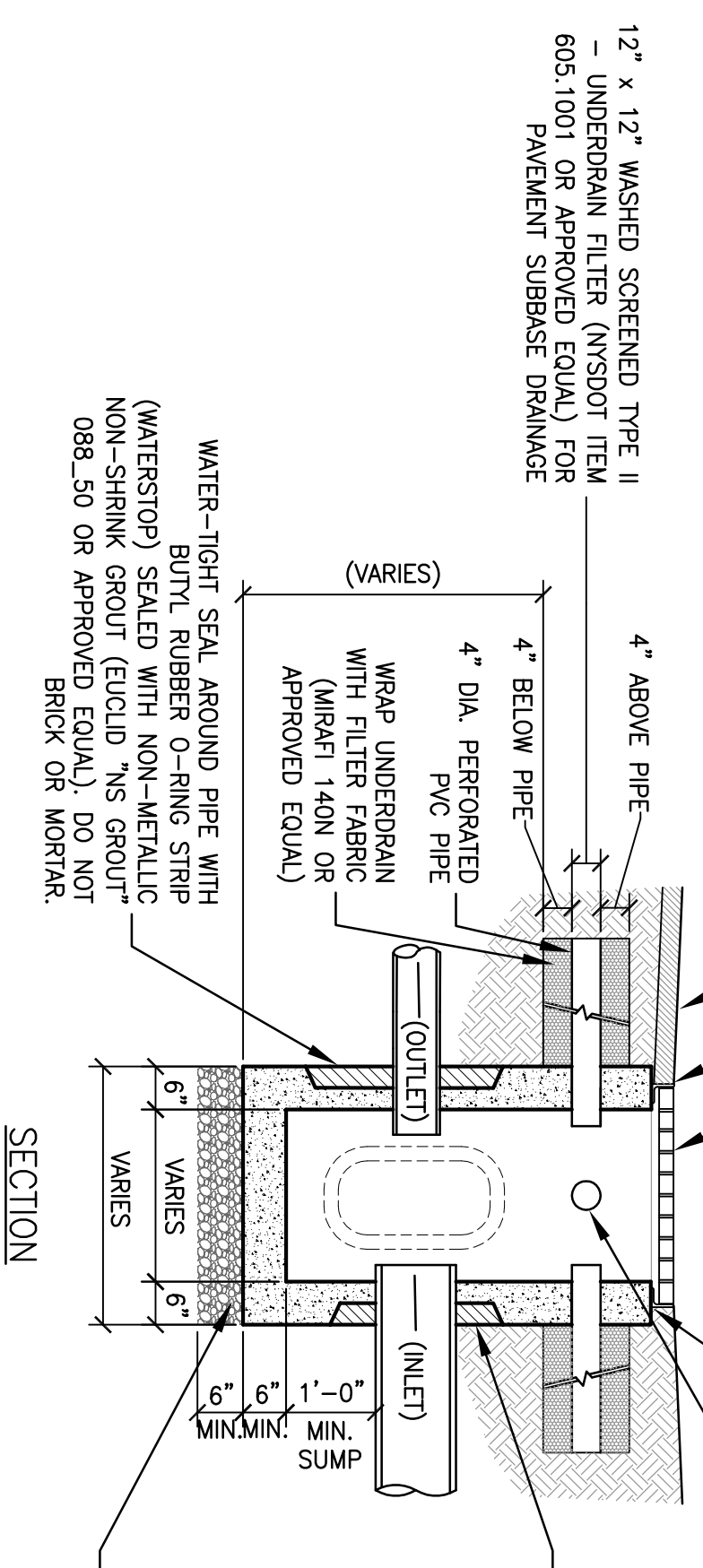
studio T3
2465 Main Street, Suite 301
Babine, New York 14224
Tel: (716) 810-9504
Fax: (716) 810-9504

DRAWN BY: AMT
CHECKED BY: RMT
JOB # 23-194A
SHEET C-2.3

EGGERTSVILLE HOSE COMPANY
EXTERIOR SITE IMPROVEMENTS
1880 EGGERT ROAD, AMHERST, NY 14226

WARNING: IT IS A VIOLATION OF SECTION 2209, SUBSECTION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER, TO ALTER IN ANY MANNER PLANS, SPECIFICATIONS, OR REPORTS TO WHICH THE SEAL OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER HAS BEEN APPLIED.

TOP OF GRATE (RIM) ELEVATION
PAVEMENT SURFACE TO BE FLUSH WITH RIM OF GRATE.
FINISHED GRADE



- NOTES:
- USE KISTNER MODEL CG-2454 (OR APPROVED EQUIV.) CONFORMING TO ASTM C 478 FOR NEW CATCH BASINS.
 - TYPE II UNDERDRAIN FILTER SHALL CONFORM TO NYS DOT TABLE 703-4, SIZE DESIGNATION 1A. (OPTIONAL: USE WASHED SCREENED PEA GRAVEL (NYS DOT ITEM 623.01 OR 623.10) CONFORMING TO NYS DOT TABLE 703-4, SIZE DESIGNATION.
 - FOR HANDICAP ACCESSIBLE PATHS GRATING DECK SHALL BE LOCATED IN THE DIRECTION OF TRAVEL. GRATING SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE PROMINENT DIRECTION OF TRAVEL.

CATCH BASIN DETAIL A
SCALE: 1/2" = 1'-0"

THE JOINT BETWEEN THE MANHOLE FRAME AND THE RAIN BASIN SHALL BE TO MATCH THE MANHOLE FRAME #10 DIRASEAL 3101 PIONEER 301 OR APP. EQUAL.

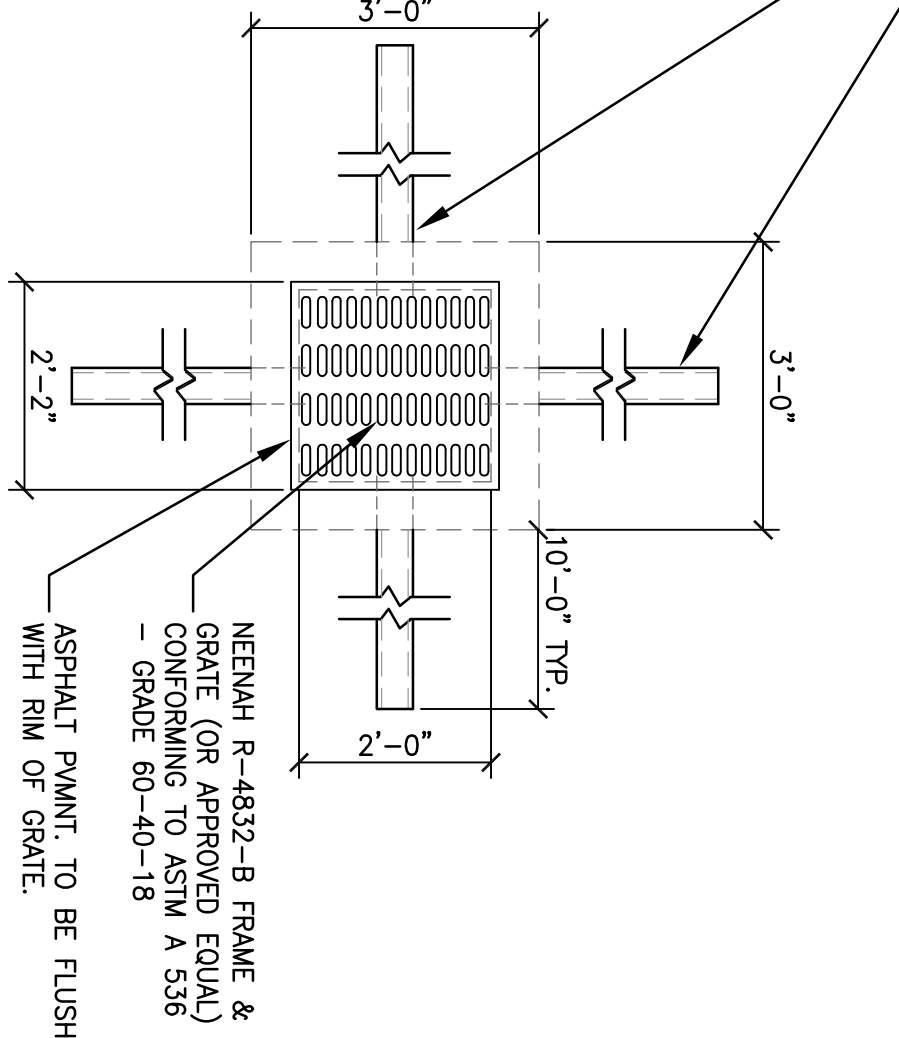
4" DIA. KNOCK-OUT FOR SUBBASE DRAINAGE (TYP. ON ALL SIDES OF C.B. EXCEPT WHERE ADJ. TO CURBS, LAMN AREAS, OR ROOF DRAIN INLETS)

WATER-TIGHT SEAL AROUND PIPE WITH BUTYL RUBBER O-RING STRIP (WATERSTOP) SEALED WITH NON-METALLIC NON-SHRINK GROUT (EUCALD NS GROUT 088.50 OR APPROVED EQUIV.) DO NOT BRICK OR MORTAR.

TYPE 2 SUBBASE COURSE (NYS DOT ITEM 304.12) COMPACTED TO 95% DENSITY FOR LEVELING.

B.T.L. MOSQUITO LARVAE IN CATCH BASIN. SLUMP (IF RECORD) PROVIDED FREE OF CHARGE BY ERIE COUNTY HEALTH DEPARTMENT.

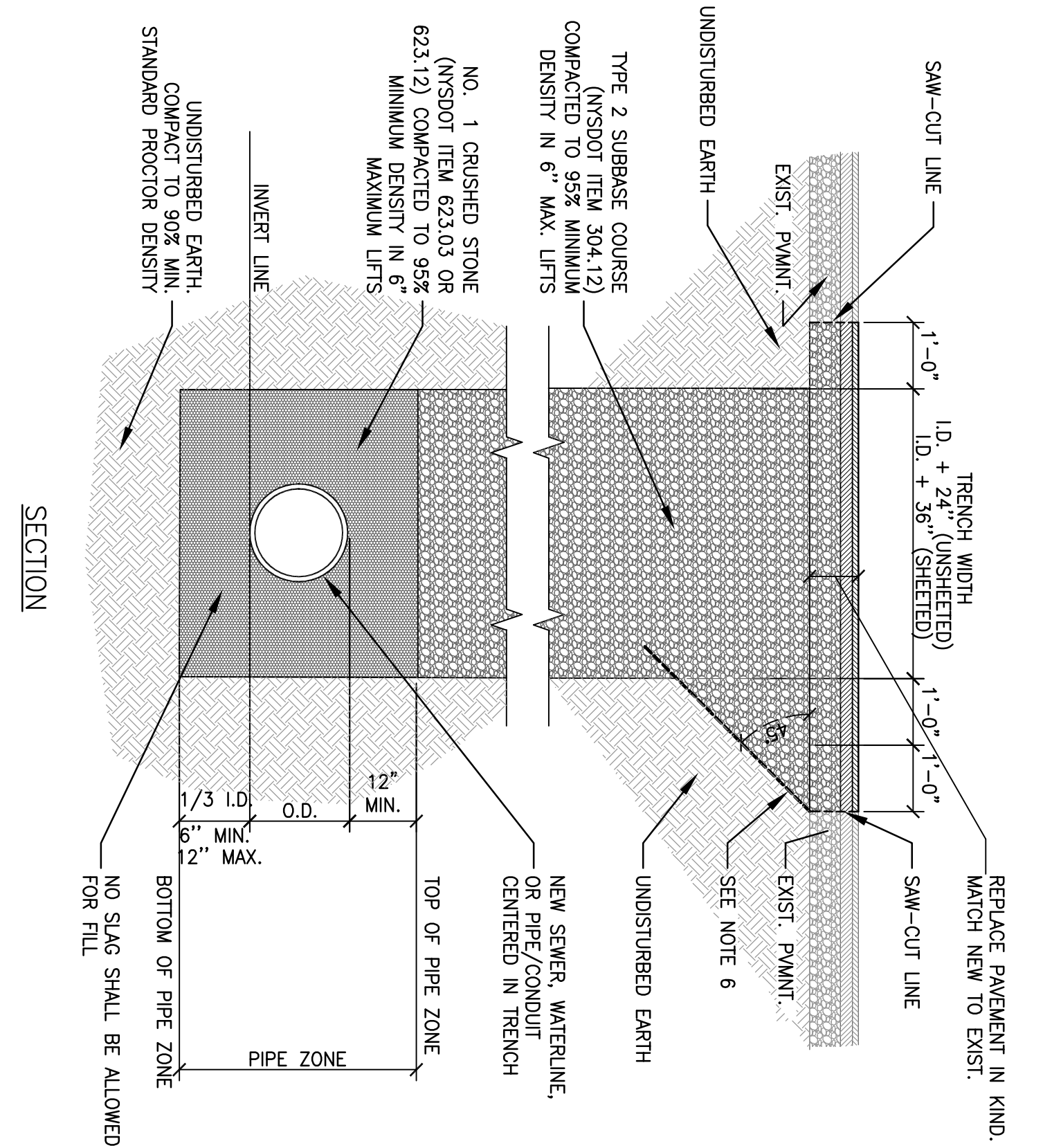
CATCH BASIN SIZING CRITERIA	
STORM SEWER PIPE SIZE	CATCH BASIN INSIDE SIZE (SQ.)
UP TO 12" DIA.	2'-0"
15" TO 18" DIA.	2'-6"
24" DIA.	3'-0"
30" TO 36" DIA.	4'-0"



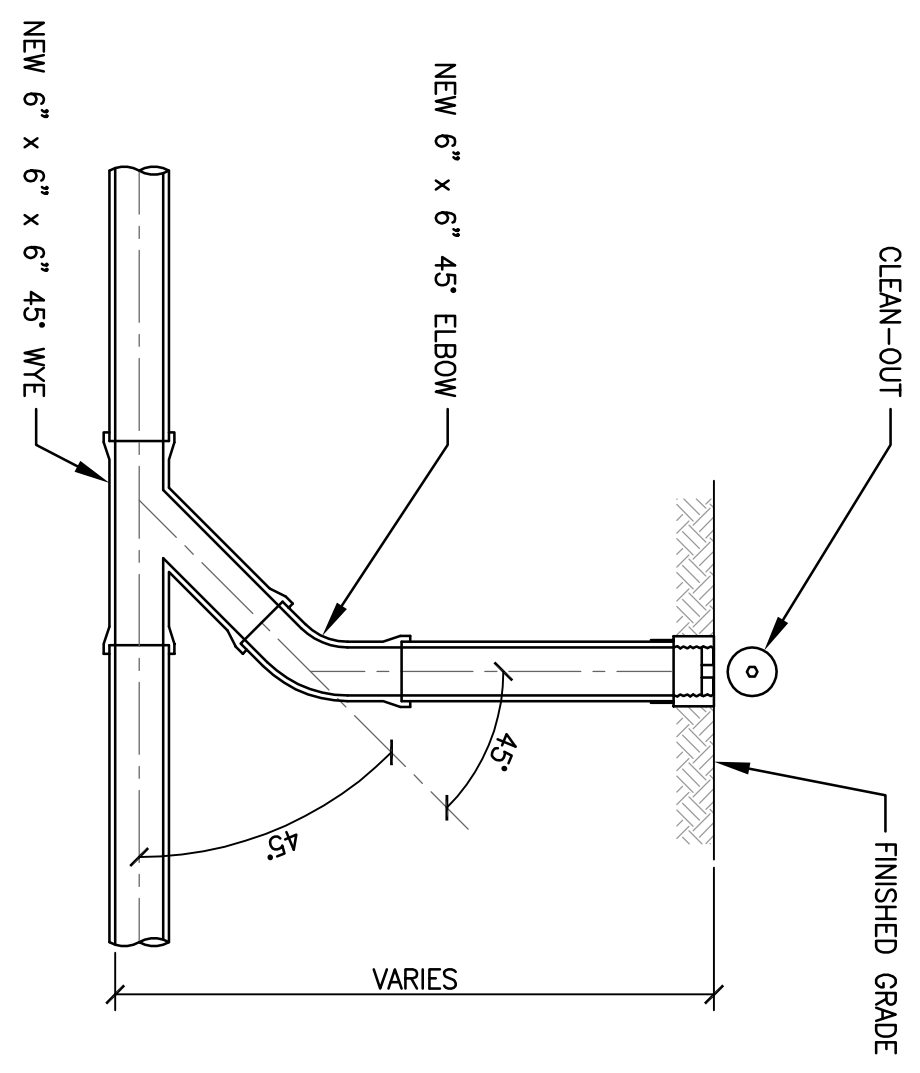
IF NECESSARY, ADJUST GRATES TO FIN. GRADE WITH KISTNER M-1-RING (OR APPROVED EQUIV.) EXTENSION RINGS. (A) THE RINGS BETWEEN THE RING STRIP GRADE AND THE EXTENSION RINGS SHALL BE WEDGED 6" IN THICKNESS. THE TOTAL NUMBER PLACED SHALL BE LIMITED TO 2 OR A MAXIMUM OF 12" IN HEIGHT.

PLAN VIEW B

PAVEMENT REPLACEMENT DETAIL B
SCALE: 1/2" = 1'-0"



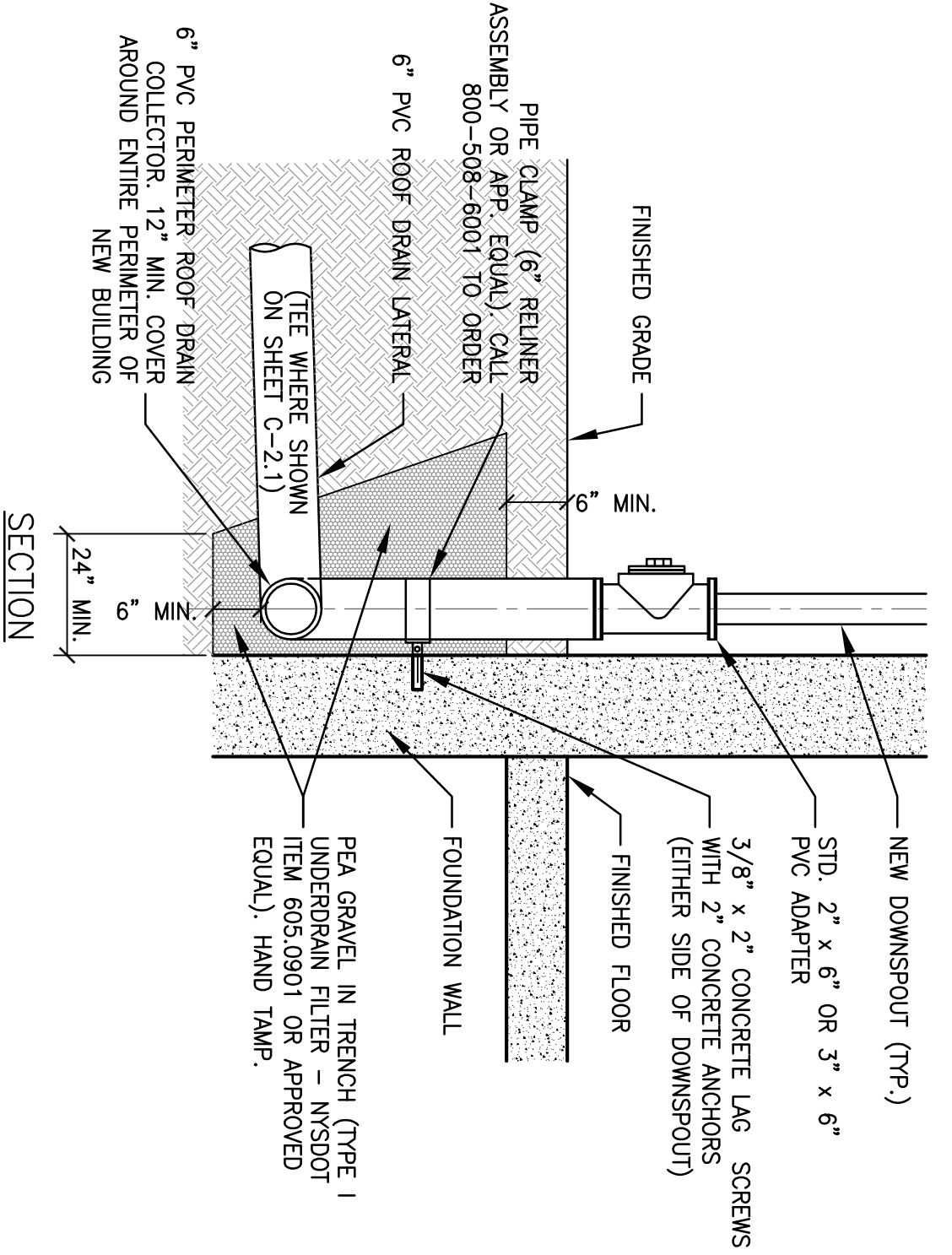
- NOTES:
- IF CONSTRUCTION IS PERFORMED BETWEEN OCTOBER 1 AND APRIL 1, THE CONTRACTOR IS REQUIRED TO PROVIDE 4" OF COLD PATCH FOR ALL PAVEMENT CUTS.
 - ALL OPEN CUTS WITHIN 50' OF AN INTERSECTION SHALL BE TOPPED WITH 4" OF COLD PATCH REGARDLESS OF THE TIME OF YEAR.
 - ALL ROAD CUTS ON HEAVILY TRAVELED HIGHWAYS ROADWAYS WILL REQUIRE 4" OF COLD PATCH (GENERALLY STATE AND COUNTY HIGHWAYS).
 - ALL TEMPORARY PAVEMENT PATCHES SHALL BE MAINTAINED BY THE CONTRACTOR.
 - SHEETING OR SHORING SHALL BE REQUIRED PER O.S.H.A. STANDARDS FOR WORKER SAFETY AND PROTECTION OF TRENCH AREA. ALL SHORING AND TRENCHING SHALL BE DONE AS DIRECTED BY THE OWNER'S ON-SITE GEOTECHNICAL ENGINEER AND SHALL REMAIN IN PLACE UNTIL ALL TRENCHING OPERATIONS ARE COMPLETED.
 - SELECT FILL (NYS DOT ITEM 304.12) IS REQUIRED BENEATH NON-PAVED AREAS ADJACENT TO PAVED AREAS IF THE 45° LINE SHOWN ABOVE INTERCEPTS THE TRENCH ABOVE THE PIPE ZONE.
 - PIPE BEDDING AND MATERIAL AROUND THE PIPE ("NO. 1 CRUSHED STONE") SHALL CONFORM TO NYS DOT TABLE 703-4, SIZE DESIGNATION 1, MATERIAL DESIGNATION 702-0201, OPTIONAL: PIPE BEDDING MATERIAL SHALL CONFORM TO CLASS I, II, OR III AS PER ASTM D 2321.
 - PAVEMENT CUTS BY THE CONTRACTOR WILL BE MADE WITH A SAW, PNEUMATIC SPADE OR OTHER ACCEPTED MEANS PRIOR TO EXCAVATION.
 - FINAL PAVEMENT RESTORATION: THE CONTRACTOR WILL BE RESPONSIBLE TO SAW CUT AN ADDITIONAL 12" ON EACH SIDE OF THE DISTURBED TRENCH AREA, SO AS TO PROVIDE A UNIFORM STRAIGHT EDGE. THE CUT EDGE WILL THEN BE COATED WITH A BITUMINOUS SEAL COAT AND REPLACED IN THE MANNER DESCRIBED ABOVE.



CLEAN-OUT DETAIL C
SCALE: 1/2" = 1'-0"

- NOTES:
- CLEAN-OUT BODIES SHALL BE PVC MODEL 2-115 STANDARD FERRULE TYPE AND CLEAN-OUT PLUG SHALL BE CAST IRON, S-PLAN COUNTERSUNK AS MANUFACTURED BY TYLER PIPE, OR APP. EQUAL.
 - IN TRAFFIC AREAS A CONCRETE COLLAR SHALL BE POURED AROUND THE CLEAN-OUT.
 - CLEAN-OUTS SHALL BE LOCATED NOT MORE THAN 100 FEET APART MEASURED FROM THE UPSTREAM ENTRANCE OF THE CLEAN-OUT.

PIPE ANCHORING DETAIL D
SCALE: 3/4" = 1'-0"



WARNING: IT IS A VIOLATION OF SECTION 2208, SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER, TO ALTER IN ANY MANNER PLANS, SPECIFICATIONS, OR REPORTS TO WHICH THE SEAL OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER HAS BEEN APPLIED.

THE CONTRACTOR SHALL CONTACT THE DESIGNER TO DISCUSS THE REASON FOR THE DESIGNER'S REVISION. THE DESIGNER'S REVISIONS SHALL BE MADE TO THE FINAL SET OF REVISIONS. THE DESIGNER'S REVISIONS SHALL BE MADE TO THE FINAL SET OF REVISIONS. THE DESIGNER'S REVISIONS SHALL BE MADE TO THE FINAL SET OF REVISIONS.

EGGERTSVILLE HOSE COMPANY
EXTERIOR SITE IMPROVEMENTS
1880 EGGERT ROAD, AMHERST, NY 14226

DRAINAGE
DETAILS

studio T3
2465 Main Street, Suite 301
Buffalo, NY 14225
Tel: (716) 835-4228
Fax: (716) 835-9004

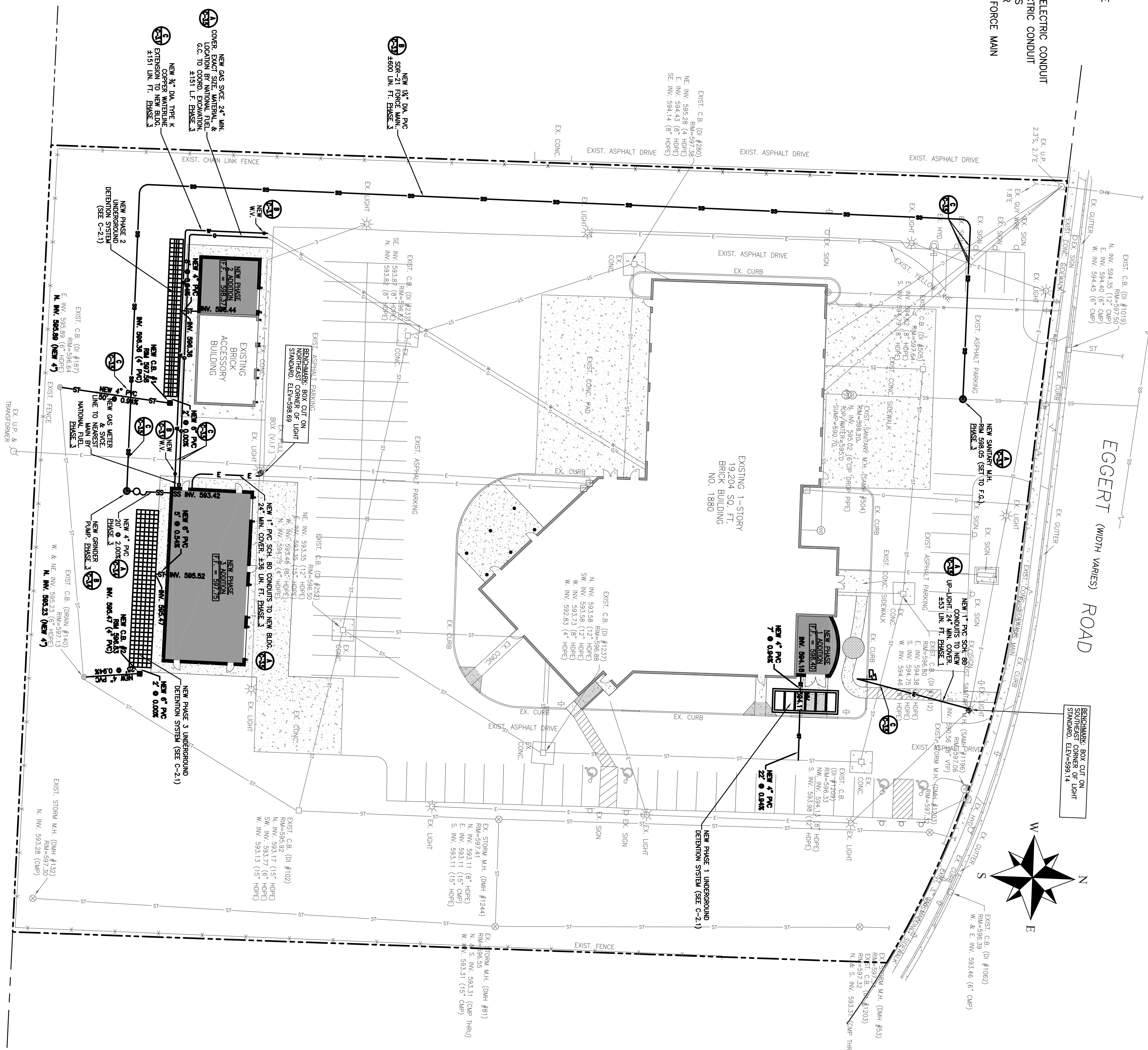
DRAWN BY: AMT
CHECKED BY: RMT
JOB # 23-194A
SHEET C-2.4

NOTES

- FOR REFERENCE INFORMATION SEE TOPOGRAPHIC SURVEY PREPARED BY FRANDIA ENGINEERING & SURVEYING DATED FEBRUARY 7, 2024 AND IDENTIFIED AS JOB NO. 4954, INCLUDED WITH THIS SET OF SITE PLANS.
- FOR REFERENCE ALSO SEE EXACT UTILITY CONNECTION LOCATIONS AND DEPTHS ON ARCHITECTURAL, MECHANICAL, ELECTRICAL, H.V.A.C., AND PLUMBING PLANS.
- EXISTING SERVICE UTILITY CONNECTIONS TO BE ABANDONED OR DISCONTINUED SHALL BE SHUT OFF BY THE RESPECTIVE UTILITY AGENCY PRIOR TO THE START OF WORK.
- EXISTING UNDERGROUND UTILITY LINES TO REMAIN WHICH ARE UNCOVERED BY EXCAVATION SHALL BE ADEQUATELY SUPPORTED AND PROTECTED DURING EARTHWORK ACTIVITIES.
- THE CONTRACTOR SHALL PROVIDE STEERS THROUGH NEW FOUNDATION WALLS AS NECESSARY FOR PROTECTING EXISTING AND PROPOSED UTILITY LINES.
- A MINIMUM 1 FOOT (12 INCH) SEPARATION DISTANCE IS REQUIRED AT WATERLINE AND SANITARY SEWER CROSSINGS, OR ELSE THE WATERLINE SHALL BE SLEEVED TO 5 FEET HORIZONTALLY FROM THE CENTERLINE OF THE SANITARY SEWER ON BOTH SIDES OF THE CROSSING. ALL WATERLINES SHALL CROSS ABOVE SANITARY SEWERS.
- WHERE WATERLINES ARE LOCATED PARALLEL TO SANITARY SEWERS, THERE SHALL BE A MINIMUM HORIZONTAL SEPARATION DISTANCE OF 5 FEET (60 INCHES) FROM OUTSIDE OF THE WATERLINE AND THE SANITARY SEWER.
- ALL NEW GAS TELEPHONE (LAND LINE), CABLE (FIBEROPTIC), AND ELECTRICAL UTILITIES SHALL BE DESIGNED, SIZED, AND INSTALLED IN COORDINATION WITH EACH RESPECTIVE UTILITY AGENCY.
- ALL NEW WATERLINE PIPING SHALL BE INSTALLED WITH A MIN. 5'-0" (60 INCH) DEPTH OF COVER.
- THE NEW WATERLINE (INCLUDING THE NEW VALVES AND VALVE BOXES) SHALL BE INSTALLED BY THE CONTRACTOR AND PRIVATELY OWNED AND MAINTAINED.
- PRIOR TO THE BEGINNING OF THE NEW WATER SERVICE, ALL NEW WATERLINES SHALL BE PURGED AND DISINFECTED IN CONFORMANCE WITH THE LATEST AWWA C651, AWWA C652, OR SECTION 610.1 OF THE NYS PLUMBING CODE.
- THE DESIGN ENGINEER (STUDIO T3) IS NOT RESPONSIBLE FOR ANY UTILITIES NOT SHOWN ON THE SURVEY OR ANY ACCIDENTAL RUPTURES DURING EXCAVATION OR CONSTRUCTION. THE DESIGN ENGINEER (STUDIO T3) AND THE RESPECTIVE UTILITY COMPANIES SHALL BE IMMEDIATELY NOTIFIED BY THE CONTRACTOR UPON DISCOVERY OF ANY SUCH ABOVEGROUND OR UNDERGROUND UTILITIES NOT SHOWN ON THE SURVEY. WORK SHALL BE IMMEDIATELY SUSPENDED AND NOT COMMENCE UNTIL SUCH DISCOVERED UTILITIES ARE IDENTIFIED AND THE DESIGN ENGINEER (STUDIO T3) ISSUES EITHER A WRITTEN APPROVAL OR A SIGNED REVISION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS FROM INTERFERING UTILITIES PRIOR TO EXCAVATION (UN-DOCUMENTED OR UN-LOCATED BURIED UTILITIES ENCOUNTERED).
- THE DESIGN ENGINEER (STUDIO T3) SHALL BE IMMEDIATELY NOTIFIED UPON DISCOVERY OF ANY ABOVEGROUND OR BELOW GROUND OBJECTS NOT SHOWN ON THE BACKGROUND SURVEY THAT ARE UNCOVERED DURING EXCAVATION OR CONSTRUCTION (BUILDING FOUNDATIONS, BURIED VAULTS, TREES, SIGNWALKS, PAVEMENT, BALUNGS, SIGNS, STOCKPILES, STUMPS, OR SIMILAR) WHICH WILL INTERFERE OR CONFLICT WITH ANY PROPOSED WORK SHOWN ON THESE PLANS. WORK SHALL BE IMMEDIATELY SUSPENDED AND NOT COMMENCE UNTIL SUCH DISCOVERED OBJECTS ARE IDENTIFIED AND THE DESIGN ENGINEER (STUDIO T3) ISSUES EITHER A WRITTEN APPROVAL OR A SIGNED REVISION.
- ALL NEW GRANTY SANITARY SEWERS SHALL BE PVC (SDR-35) AND SHALL CONFORM TO ASTM D 3034, ASTM D 2665, ASTM D 2949, ASTM F 891, CSA B182.2, OR CAN/CSA-B182.4 STANDARDS.
- ALL NEW COPPER WATERLINES SHALL MEET OR EXCEED THE LATEST ASTM B 75, B 98, B 251, OR B 447 SPECIFICATIONS, AS WELL AS NSF 61.
- ALL NEW WATERLINES, VALVES, AND APPURTENANCES THAT ARE IN CONTACT WITH POTABLE WATER SHALL BE NSF/ANSI 61 CERTIFIED.
- NATIONAL FUEL SHALL SUPPLY, INSTALL, OWN, AND MAINTAIN THE NEW GAS METER, NYSCE/NATIONAL FUEL SHALL ALSO TAP, INSTALL, AND OWN THE NEW GAS SERVICE LINE FROM MAIN TO NEW METER. THE CONTRACTOR SHALL CONTACT NATIONAL FUEL FOR INSTRUCTIONS, INSTALLATION COORDINATION, INSPECTION APPOINTMENTS, PERMIT APPLICATIONS, AND FEES.
- NATIONAL GRID SHALL SUPPLY THE NEW ELECTRIC SUB-METER. THE CONTRACTOR SHALL INSTALL THE NEW ELECTRIC SUB-METER AND ELECTRIC CONDUITS IN COORDINATION WITH NATIONAL GRID. NATIONAL GRID SHALL ALSO TAP THE NEW SERVICE TO THE NEAREST EXISTING HAND HOLE / CONDUIT. THE CONTRACTOR SHALL CONTACT NATIONAL GRID FOR INSTRUCTIONS, INSTALLATION COORDINATION, INSPECTION APPOINTMENTS, PERMIT APPLICATIONS, AND FEES.
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM 12" VERTICAL SEPARATION DISTANCE BETWEEN EXISTING GAS AND ELECTRIC LINES AND NEW WATERLINES, STORM, OR SANITARY SEWERS. ALL NEW UNDERGROUND UTILITIES SHALL PASS BENEATH EXISTING ELECTRIC AND GAS LINES UNLESS CONSENT IS OTHERWISE GIVEN BY THE SERVICE PROVIDER OR EISEMENT OWNER.
- THE CONTRACTOR SHALL PERFORM ALL APPLICABLE TESTS AS REQUIRED IN THE NYS PLUMBING CODE SECTIONS 312.2 THRU 312.9 AND AWWA C600.
- ALL JOINTS OR JOINT SYSTEMS FOR SANITARY SEWERS OR LATRALS SHALL BE WATER-TIGHT TO LIMIT LEAKAGE TO A MAXIMUM RATE OF 100 GALLONS PER INCH-DIAMETER PER MILE PER DAY.
- PER SECTION 107.2 OF THE NYS PLUMBING CODE, THE CONTRACTOR SHALL NOTIFY THE TOWN OF AMHERST PLUMBING INSPECTOR AT (716) 631-7090 TO SCHEDULE INSPECTIONS. UNDERGROUND INSPECTIONS SHALL BE MADE AFTER TRENCHES ARE EXCAVATED, PIPING INSTALLED, AND BEFORE ANY BACKFILL IS PUT IN PLACE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE PLUMBING INSPECTOR WHEN WORK IS READY FOR INSPECTION. EQUIPMENT, MATERIAL, AND LABOR REQUIRED FOR TESTING SHALL BE FURNISHED BY THE CONTRACTOR.
- NEW WATERLINES, FITTINGS, AND FIXTURES SHALL COMPLY WITH NSF 372 AND SHALL HAVE A WEIGHTED LEAD CONTENT OF 0.25% OR LESS.
- THE DESIGN ENGINEER (STUDIO T3) IS NOT RESPONSIBLE FOR CONSTRUCTION SITE SAFETY AND COMPLIANCE WITH THE LATEST OSHA STANDARDS OR INDUSTRIAL CODE RULE 57 DURING CONSTRUCTION.
- ANY DAMAGED PROPERTY WITHIN THE PROJECT SITE OR ADJACENT PROJECT SITES SHALL BE RESTORED IN KIND.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SHORING AND UNDERPINNING EXPOSED FOUNDATIONS ADJACENT TO EXCAVATIONS. THE STRUCTURAL ENGINEER SHALL BE CONTACTED FOR ASSOCIATED DETAILS.
- ANY DEVIATION FROM ANY PLANS IN THIS DRAWING SET SHALL REQUIRE APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) AND THE TOWN OF AMHERST PLANNING AND BUILDING DEPARTMENTS, AS WELL AS THE APPROPRIATE UTILITY COMPANIES AND SERVICE PROVIDERS. ANY AND ALL CHANGES MADE WITHOUT NOTIFICATION OR APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) SHALL BE CONSIDERED UNAUTHORIZED AND THE DESIGN ENGINEER (STUDIO T3) SHALL NOT BE LIABLE FOR ANY DAMAGES, DELAYS, ADDITIONAL COSTS INCURRED, OR ANY OTHER CONSEQUENCES ARISING FROM SUCH CHANGES.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE INSURED AND LICENSED IN THE STATE OF NEW YORK, THE COUNTY OF ERIE, AND THE TOWN OF AMHERST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL NECESSARY FEES AND OBTAINING ALL NECESSARY PERMITS PRIOR TO THE START OF CONSTRUCTION. CONTACT THE TOWN OF AMHERST BUILDING DEPARTMENT (716) 631-7090 FOR INSTRUCTIONS, PERMIT APPLICATIONS, AND FEES.

LEGEND

- T — EXISTING TELEPHONE LINE
- G — EXISTING GAS LINE
- W — EXISTING WATERLINE
- E — EXISTING UNDERGROUND ELECTRIC CONDUIT
- SS — EXISTING UNDERHEAD WIRES
- SS — EXISTING SANITARY SEWER
- SS — EXISTING SANITARY SEWER / FORCE MAIN
- ST — EXISTING STORM SEWER
- ST — EXISTING STORM SEWER
- ST — EXISTING CATCH BASIN
- CB — EXISTING CATCH BASIN
- CB — NEW CATCH BASIN
- OV — EXISTING GAS VALVE
- OV — NEW GAS VALVE
- OW — EXISTING WATER VALVE
- OW — NEW WATER VALVE
- MH — EXISTING MANHOLE
- MH — NEW MANHOLE
- EL — EXISTING UTILITY POLE
- EL — EXISTING LIGHT FIXTURE
- EL — EXISTING FIRE HYDRANT
- EL — EXISTING CLEAN-OUT
- CO — NEW CLEAN-OUT



SITE UTILITY PLAN
 SCALE: 1" = 30'-0"
 SEWAGE LOAD = 400 GPD

FOR OFFICIAL TOWN OF AMHERST USE

SITE UTILITY PLAN

studio T3
 ENGINEERS, P.L.L.C.
 2465 Main Street, Suite 301
 Buffalo, New York 14225
 Tel: (716) 835-9000
 Fax: (716) 835-9004

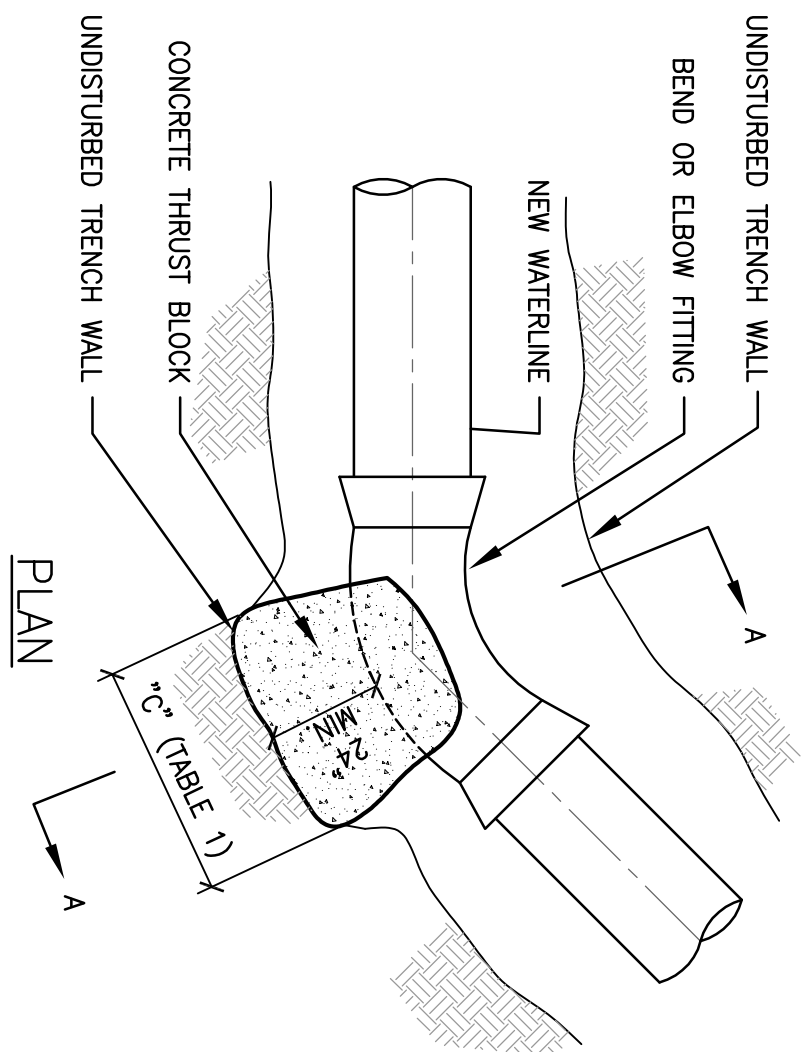
DRAWN BY: AWT
 CHECKED BY: RMT
 SHEET C-3.0
 JOB # 23-194A

NO.	DESCRIPTION	DATE
1	ISSUED FOR SITE PLAN REV. 1/21/25	
2	ISSUED FOR CLIENT REVIEW 1/23/25	
3		
4		
5		
6		
7		
8		
9		
10		

EGGERTSVILLE HOSE COMPANY
 EXTERIOR SITE IMPROVEMENTS
 1880 EGGERT ROAD, AMHERST, NY 14226

THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ABOVEGROUND OR BELOW GROUND OBJECTS NOT SHOWN ON THE BACKGROUND SURVEY THAT ARE UNCOVERED DURING EXCAVATION OR CONSTRUCTION (BUILDING FOUNDATIONS, BURIED VAULTS, TREES, SIGNWALKS, PAVEMENT, BALUNGS, SIGNS, STOCKPILES, STUMPS, OR SIMILAR) WHICH WILL INTERFERE OR CONFLICT WITH ANY PROPOSED WORK SHOWN ON THESE PLANS. WORK SHALL BE IMMEDIATELY SUSPENDED AND NOT COMMENCE UNTIL SUCH DISCOVERED OBJECTS ARE IDENTIFIED AND THE DESIGN ENGINEER (STUDIO T3) ISSUES EITHER A WRITTEN APPROVAL OR A SIGNED REVISION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS FROM INTERFERING UTILITIES PRIOR TO EXCAVATION (UN-DOCUMENTED OR UN-LOCATED BURIED UTILITIES ENCOUNTERED).

BENDS
11-1/4" TO 90°



TEES

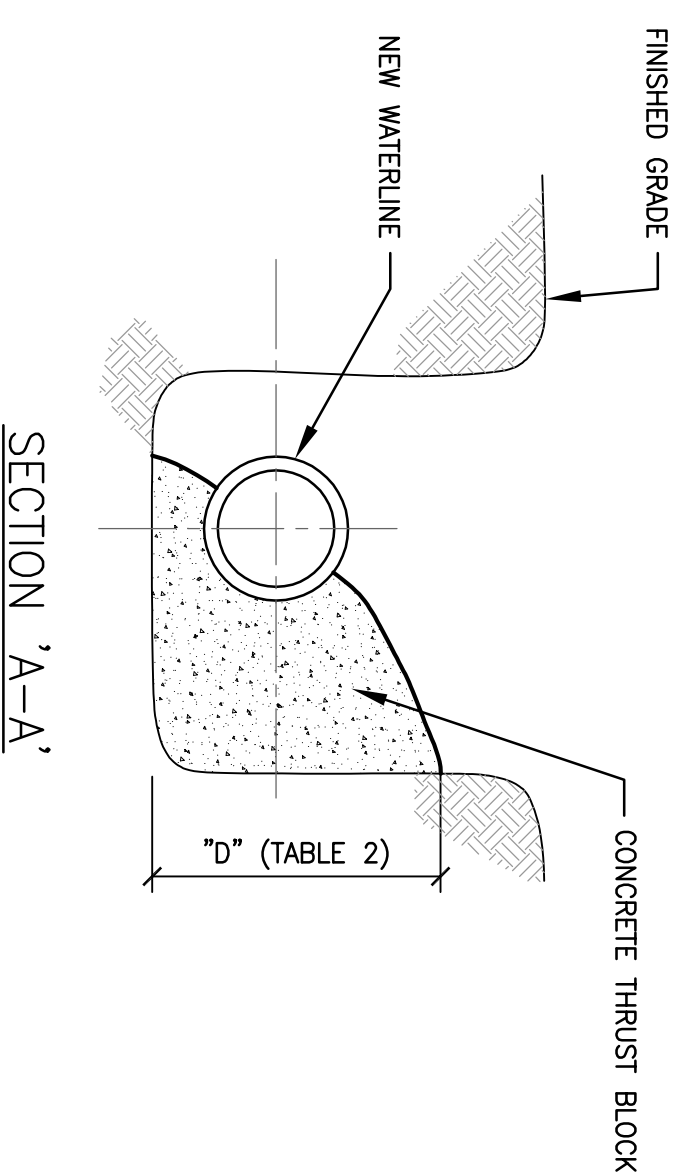
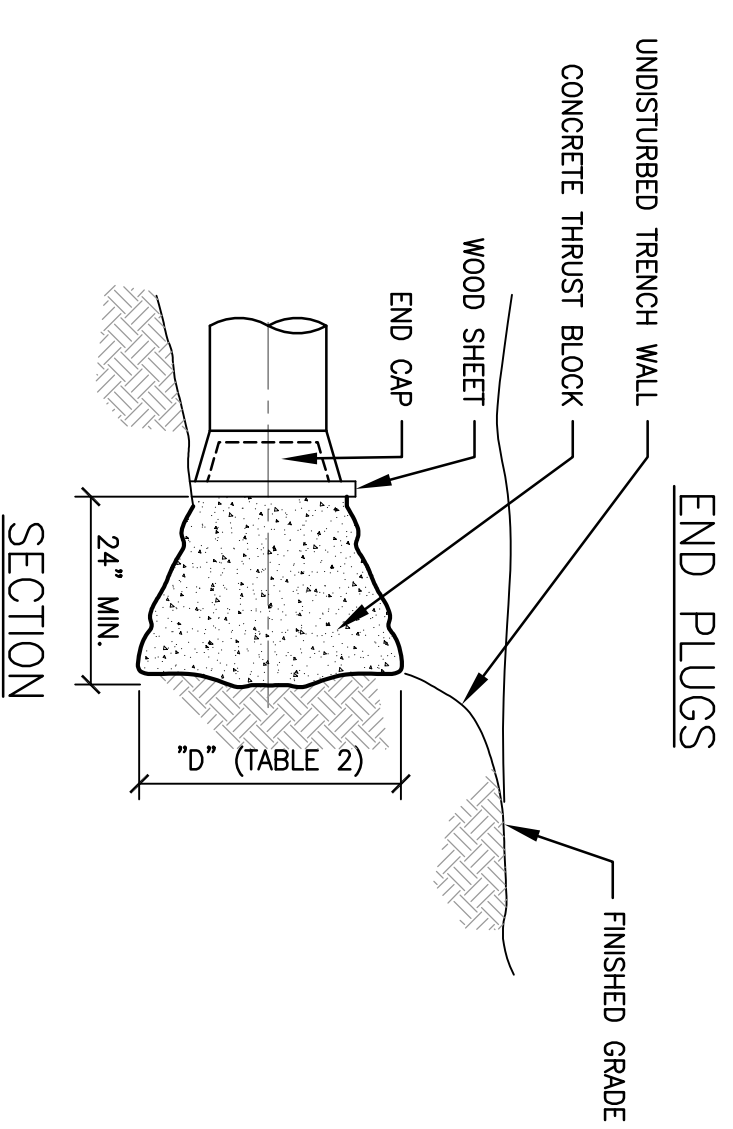
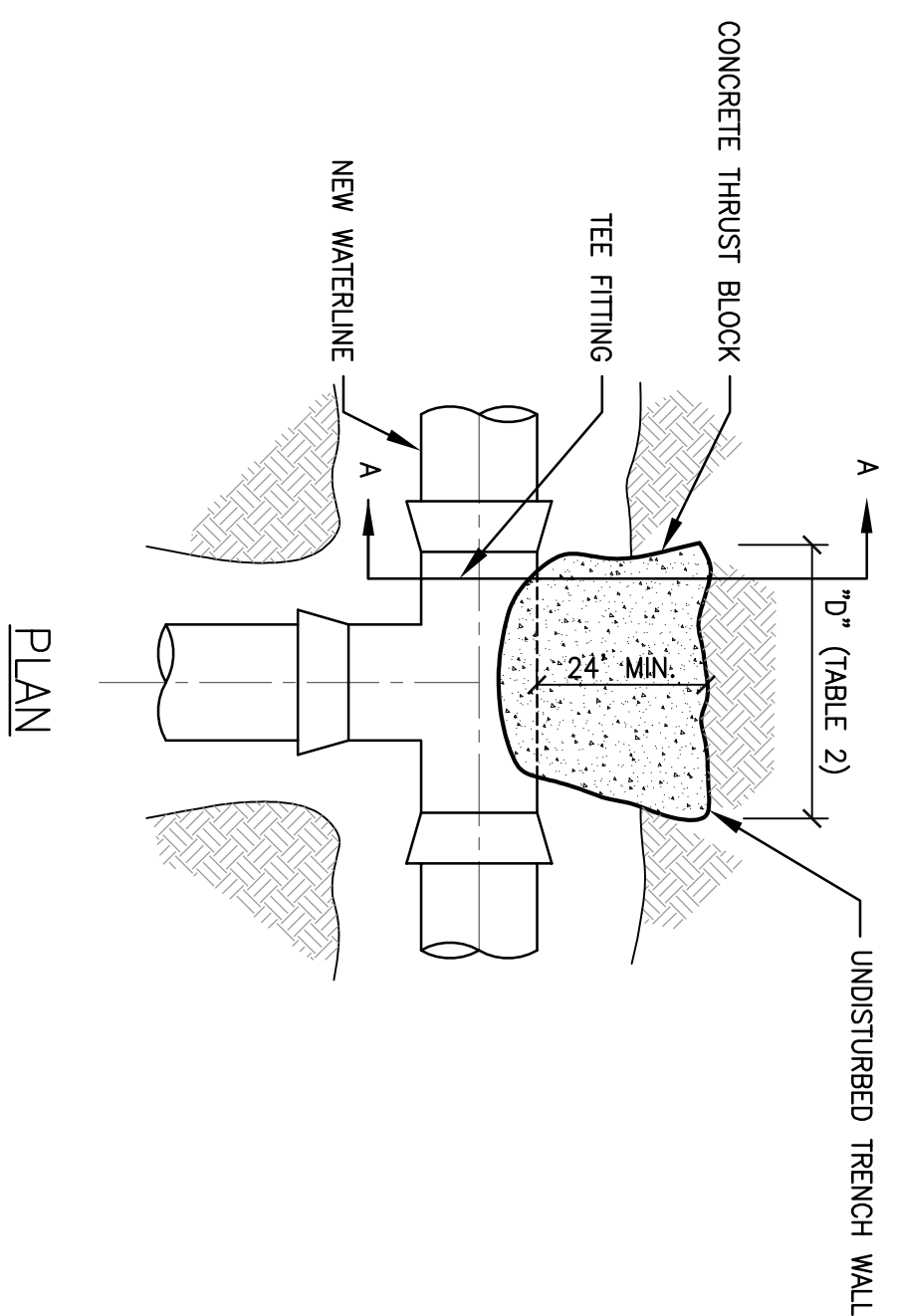


TABLE 1

PIPE DIA. (Inches)	1 1/4"-22 1/2"	22 1/2"-45"	45"-67 1/2"	67 1/2"-90"
"C" CONG. (CU. YD.)	0.03	0.07	0.10	0.14
"C" DIM. (CU. YD.)	8"	0.07	12"	0.14
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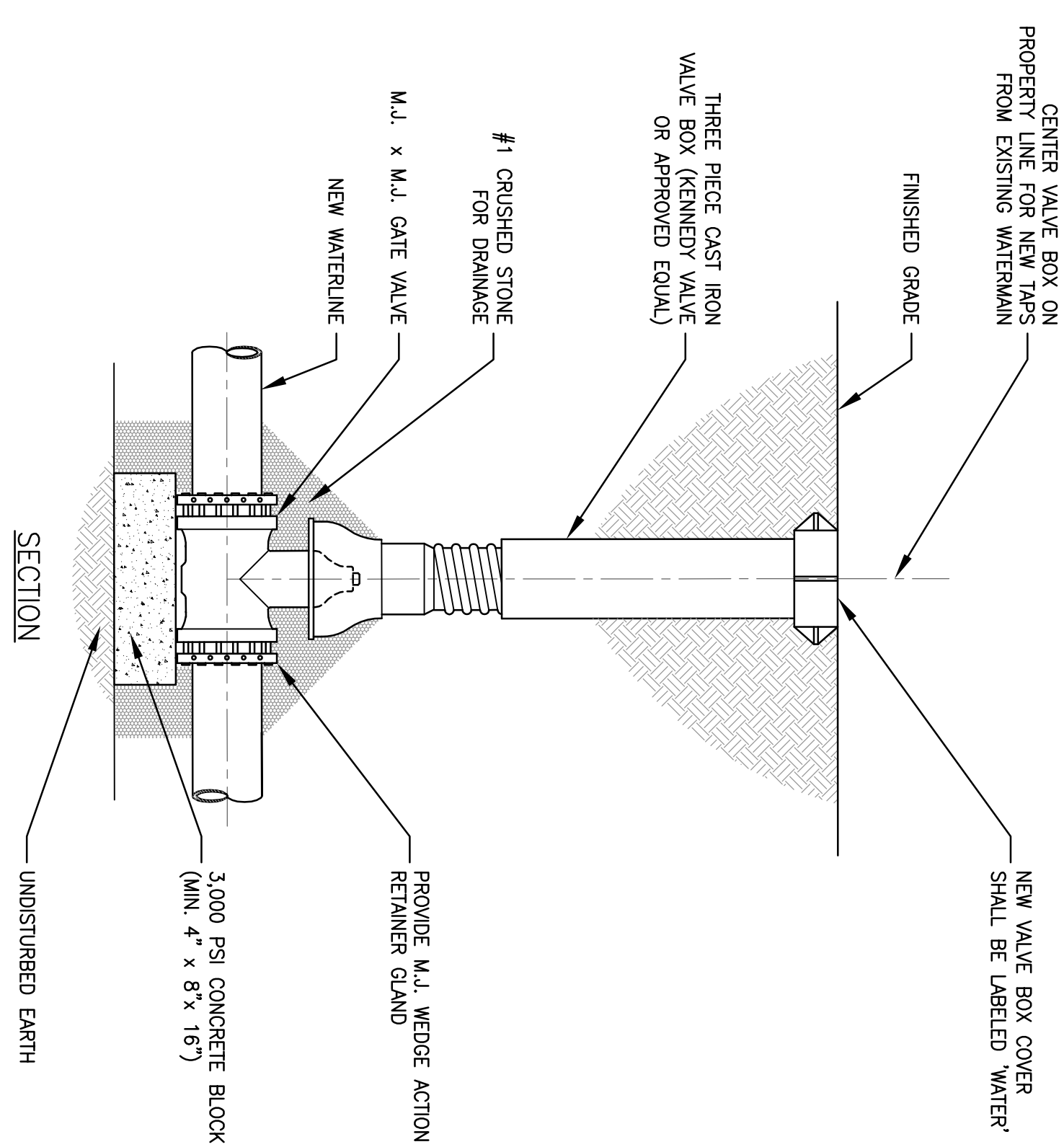
TABLE 2

PIPE DIA. (Inches)	"C" DIM.	CONCRETE VOLUME (CUBIC YARDS)	TEE & END PLUG BEND
3/4 - 6	4"	0.03	0.06
8	6"	0.07	0.13
	8"	0.10	0.18
	11"	0.14	0.25
	15"	0.21	
	22"	0.28	

THRUST BLOCK DETAILS

SCALE : Z = 1'-0"

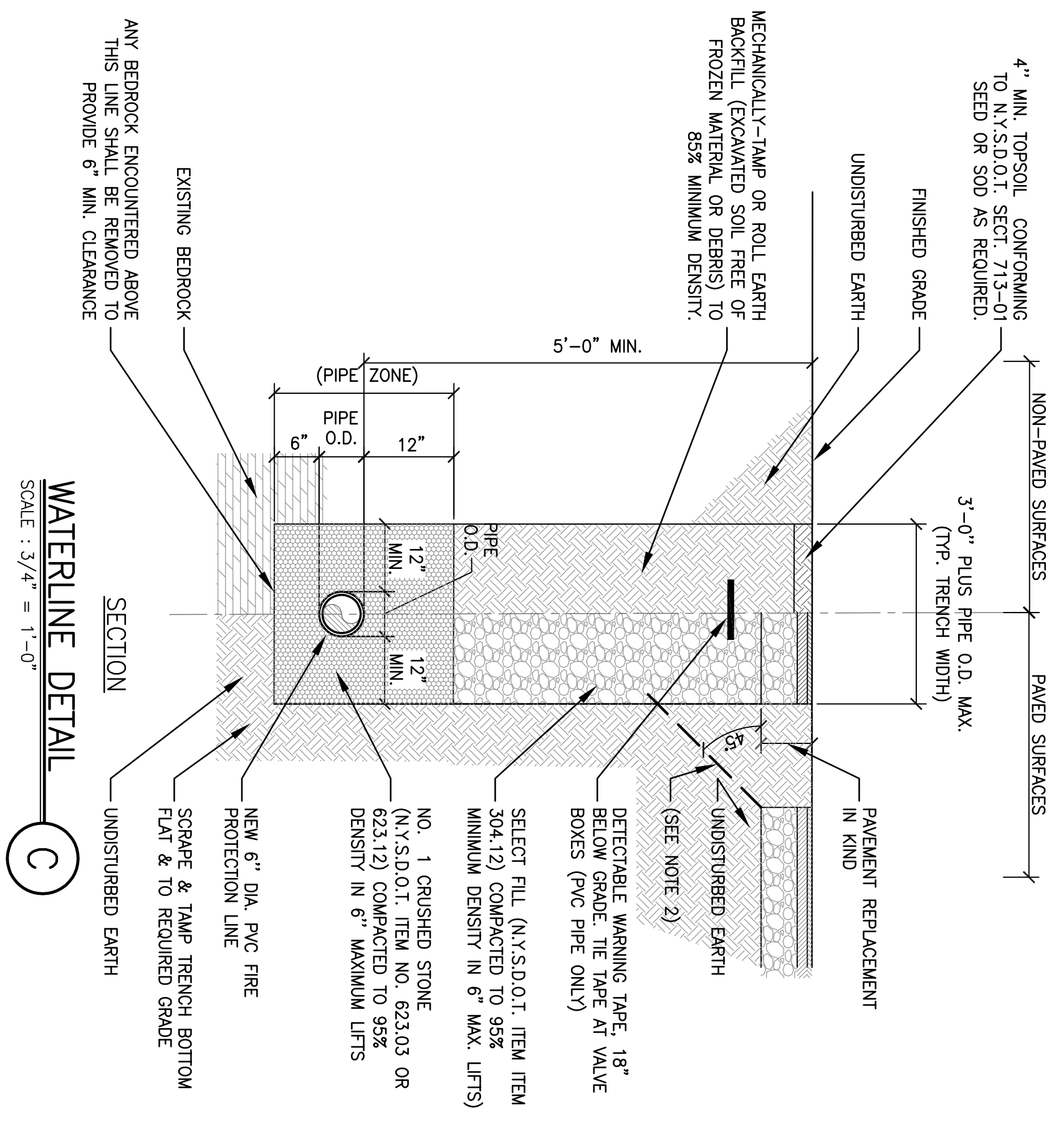
NOTE:
THRUST BLOCK TO BE PLACED SO AS TO ALLOW REMOVAL OF MECHANICAL JOINT BOLTS OR SLIP-ON PIPE. CLASS "A" CONCRETE 5 DAY CURE BEFORE PRESSURE TEST. HIGH EARLY CLASS "A" 2 DAY CURE BEFORE PRESSURE TEST.



WATER VALVE & VALVE BOX DETAIL

SCALE : 1" = 1'-0"

NOTES:
1. VALVE SHALL NOT SUPPORT VALVE BOX.



WATERLINE DETAIL

SCALE : 3/4" = 1'-0"

- NOTES:**
- THE DESIGN ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF TRENCH SHEETING OR SHORING REQUIRED AS PER THE LATEST OSHA STANDARDS, FOR WORKER SAFETY AND PROTECTION. TRENCH APPROX. THE ENGINEER'S CONSULTING ENGINEER SHALL DESIGN, OBSERVE THE INSTALLATION, AND APPROVE THE TRENCH SHEETING DURING TRENCH OPERATIONS.
 - SELECT FILL (N.Y.S.D.O.T. ITEM 304.12) IS REQUIRED FOR FULL DEPTH UNDER DRIVEWAYS, ROAD CROSSINGS, AND IF THE 45' LINE SHOWN ABOVE INTERCEPTS THE TRENCH ABOVE THE PIPE ZONE.
 - PIPE BEDDING AND MATERIAL AROUND THE PIPE ("NO. 1 CRUSHED STONE") SHALL CONFORM TO N.Y.S.D.O.T. TABLE 703-4, SIZE DESIGNATION 1, MATERIAL DESIGNATION 702-0201. OPTIONAL: CLASS I, II, OR III MATERIALS AS PER ASTM D 2321.
 - IF SOFT MATERIALS OF POOR LOAD-BEARING QUALITY ARE FOUND AT THE BOTTOM OF THE TRENCH, STABILIZATION SHALL BE REQUIRED. STABILIZATION MATERIALS SHALL BE COMPACTED TO 95% MINIMUM PROCTOR DENSITY. THE PIPE INSET WITH PIPE BEDDING AND COMPACTING TO 95% MINIMUM PROCTOR DENSITY.

FOR OFFICIAL TOWN OF AMHERST USE

WATERLINE DETAILS

studio T3
2465 Main Street, Suite 301
Brooklyn, NY 11225
Tel: (718) 818-9844
Fax: (718) 818-9844

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CHECKED BY: RMT
JOB # 23-194A
SHEET C-3.1

EGGERTSVILLE HOSE COMPANY
EXTERIOR SITE IMPROVEMENTS
1880 EGGERT ROAD, AMHERST, NY 14226

THE CONTRACTOR SHALL CONTACT THE DESIGNER TO OBTAIN THE FINAL SET OF RECORD PLANS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE FINAL SET OF RECORD PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL SET OF RECORD PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL SET OF RECORD PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL SET OF RECORD PLANS.

THE CONTRACTOR SHALL CONTACT THE DESIGNER TO DISCUSS THE DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL SET OF RECORD PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

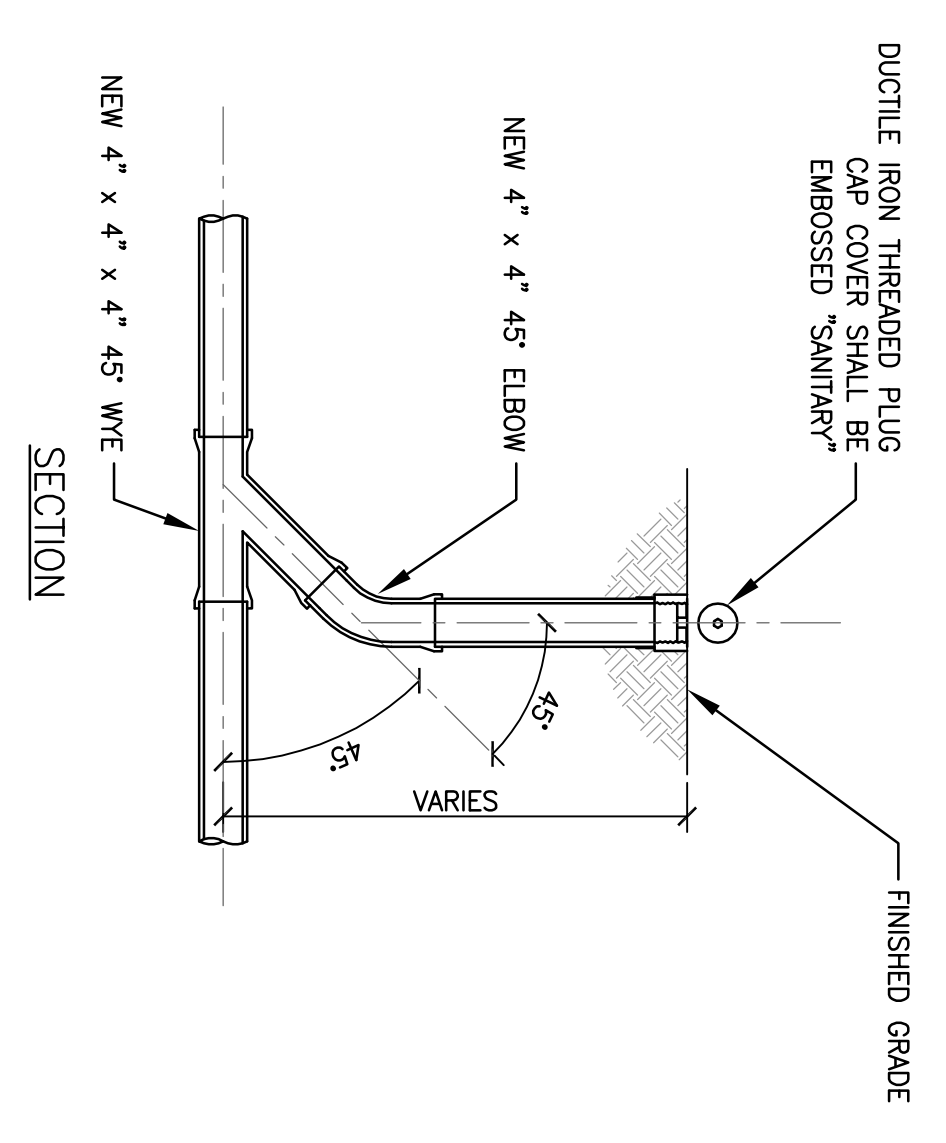
EGGERTSVILLE HOSE COMPANY
EXTERIOR SITE IMPROVEMENTS
1880 EGGERT ROAD, AMHERST, NY 14226

SANITARY CLEAN-OUT DETAIL

SCALE: 1/2" = 1'-0"

NOTES:

- CLEAN-OUT BODIES SHALL BE PVC MODEL 2-115 STANDARD FERRULE TYPE AND CLEAN-OUT PLUG SHALL BE CAST IRON S-PLAIN COUNTERSUNK AS MANUFACTURED BY TITLER PIPE, OR APP. EQUAL.
- IN TRAFFIC AREAS A CONCRETE COLLAR SHALL BE POURED AROUND THE CLEAN-OUT.
- CLEAN-OUTS SHALL BE LOCATED NOT MORE THAN 100 FEET FROM AND MEASURED FROM THE UPSTREAM ENTRANCE OF THE CLEAN-OUT.

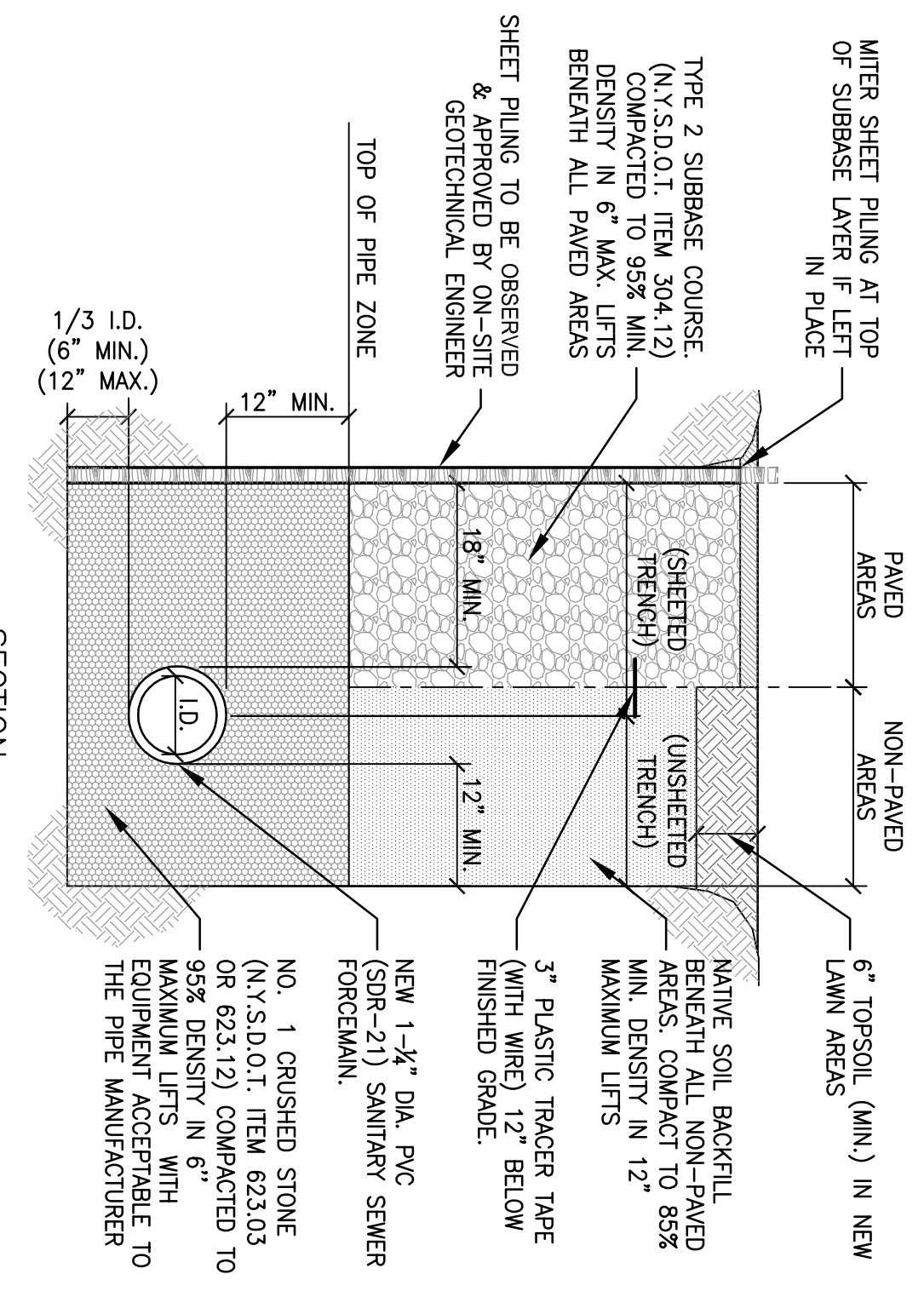


FORCEMAIN DETAIL

SCALE: 3/4" = 1'-0"

NOTES:

- PIPE INSTALLATION SHALL BE IN CONFORMANCE TO MANUFACTURERS INSTALLATION INSTRUCTIONS.
- FORCE MAIN MARKERS SHALL BE INSTALLED AT 500 FOOT INTERVALS AND AT POINTS WHERE THE FORCE MAIN DEFLECTS OR CHANGES DIRECTIONS.
- THE DESIGN ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF TRENCH SHEETING OR SHORING REQUIRED AS PER THE LATEST O.S.H.A. STANDARDS, OR FOR WORKER SAFETY AND PROTECTION TRENCH AREAS. THE OWNER'S ON-SITE GEOTECHNICAL ENGINEER SHALL DESIGN, OBSERVE THE INSTALLATION, AND APPROVE THE TRENCH SHIELDING DURING TRENCH OPERATIONS.
- PIPE BEDDING AND MATERIAL AROUND THE PIPE ("NO. 1 CRUSHED STONE") SHALL CONFORM TO N.Y.S.D.O.T. TABLE 703-4. SIZE DESIGNATION 1. MATERIAL DESIGNATION 702-0201. SLAG SHALL NOT BE ALLOWED. OPTIONAL PIPE BEDDING MATERIAL SHALL CONFORM TO CLASS I, II, OR III AS PER ASTM D 2321.



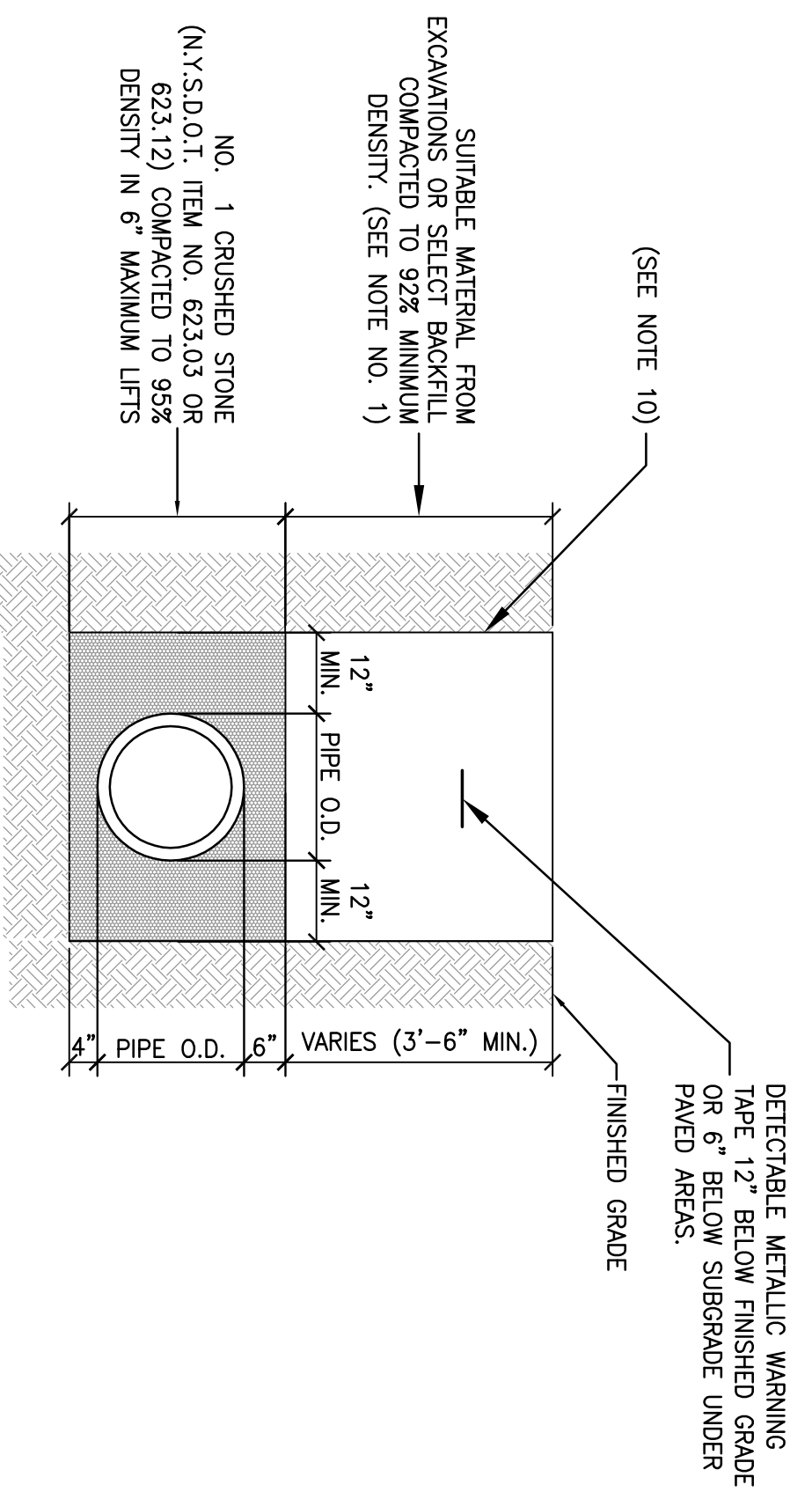
SANITARY SEWER TRENCH DETAILS

SCALE: 1/2" = 1'-0"

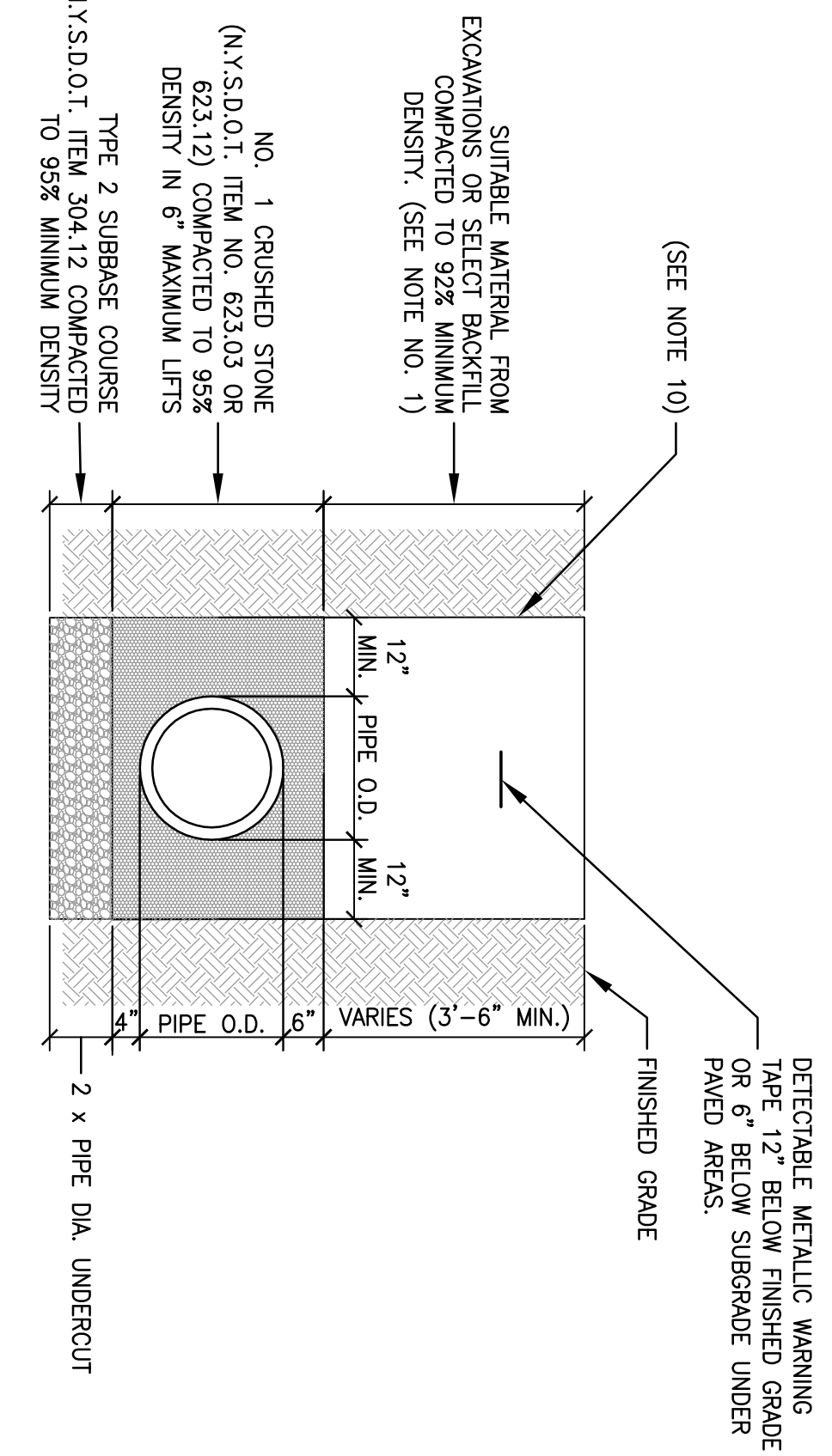
NOTES:

- PIPE INSTALLATION SHALL BE IN CONFORMANCE TO MANUFACTURERS INSTALLATION INSTRUCTIONS.
- FORCE MAIN MARKERS SHALL BE INSTALLED AT 500 FOOT INTERVALS AND AT POINTS WHERE THE FORCE MAIN DEFLECTS OR CHANGES DIRECTIONS.
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STABLE TRENCH BOTTOM CONDITIONS



UNSTABLE TRENCH BOTTOM CONDITIONS



SANITARY SEWER NOTES

- MATERIALS
 - BEDDING MATERIAL AND MATERIAL AROUND PIPE ("NO. 1 CRUSHED STONE") SHALL CONFORM TO THE GRADATION IN N.Y.S.D.O.T. TABLE 703-4. SIZE DESIGNATION PER ASTM D 2321.
 - UNDER ALL PAVED AREAS, BACKFILL ABOVE THE BEDDING MATERIAL SHALL BE WITH SELECT FILL.
 - SELECT FILL SHALL BE TYPE 2 SUBBASE COURSE (N.Y.S.D.O.T. ITEM NO. 304-12) COMPACTED TO 95% MINIMUM DENSITY IN 6" MAXIMUM LIFTS.
 - UNDER LAWN AREAS, BACKFILL ABOVE THE BEDDING MATERIAL MAY BE WITH SUITABLE MATERIAL FROM THE EXCAVATIONS.
 - SUITABLE MATERIAL FROM THE EXCAVATIONS SHALL BE ANY MINERAL (ORGANIC) SOIL FREE OF FROZEN MATERIAL, WOOD, FEIN, TOPSOIL, AND SOIL.
 - WHEN UNSTABLE TRENCH BOTTOM CONDITIONS ARE ENCOUNTERED, THE UNSTABLE TRENCH BOTTOMS SHALL BE UNDERCUT AND BACKFILLED WITH TYPE 2 SUBBASE COURSE (N.Y.S.D.O.T. ITEM NO. 304-12) COMPACTED TO 95% MIN. DENSITY, OR AS DIRECTED BY OWNER'S ON-SITE GEOTECHNICAL ENGINEER.
 - COMPACTION IS REQUIRED FOR ALL BEDDING, SELECT FILL AND BACKFILL WORK. SEE DETAILS AND SPECIFICATIONS FOR REQUIREMENTS.
 - ALL SANITARY SEWER MANHOLE COVERS SHALL BE EMBOSSED "SANITARY" AND "ITALY IF ENTERED".
 - ALL INTERIOR FLOOR DRAINS SHALL BE CONNECTED TO THE SANITARY SEWER, FOUNDATION OR FOOTER DRAINS INSTALLED TO INTERCEPT GROUNDWATER SHALL NOT DISCHARGE TO THE SANITARY SEWER. ALL DISCHARGES TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL SEWER USE LAW. INFILTRATION AND EXFILTRATION TESTING SHALL BE PERFORMED WITH RATES LIMITED TO 100 GALLONS PER INCH DIAMETER OF PIPE PER 24 HOURS FOR SANITARY SEWERS.
 - DEFLECTION AND INFILTRATION TESTS SHALL BE PERFORMED PER NYS PLUMBING CODES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING PROPOSED RIM ELEVATIONS IN RELATION TO FINISHED GRADES PRIOR TO INSTALLATION.
 - PIPE CONNECTIONS TO SANITARY SEWER MANHOLES SHALL CONFORM TO THE LATEST A.S.T.M. C-923 ("RESILIENT CONNECTIONS BETWEEN REINFORCED CONCRETE MANHOLE STRUCTURES AND PIPE").
 - ALL SANITARY SEWER PIPE AND FITTINGS SHALL BE PVC SDR-35 AND SHALL CONFORM TO THE LATEST A.S.T.M. D-3034.
 - THE DESIGN ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF TRENCH SHEETING OR SHORING REQUIRED AS PER THE LATEST O.S.H.A. STANDARDS, OR FOR WORKER SAFETY AND PROTECTION TRENCH AREAS.
 - COMPRESSION GASKETS FOR HUB AND SPOUT PIPE AND FITTINGS SHALL CONFORM TO THE LATEST ASTM C 564 AND SHALL BE COMPRESSED WHEN THE PIPE IS FULLY INSERTED.
 - JOINTS BETWEEN DIFFERENT PIPE MATERIALS SHALL BE MADE WITH AN INSERT-A-TIE (OR APPROVED EQUAL) CONNECTION WITH AN ELASTOMERIC SEAL CONFORMING TO THE LATEST ASTM C 425, ASTM C 443, ASTM C 564, ASTM C 1173, ASTM F 1869, ASTM F 477, CMV/CSA A257.3M, OR CMV/CSA B602M.
 - THE FOLLOWING TYPES OF JOINTS AND CONNECTIONS SHALL BE PROHIBITED: CEMENT OR CONCRETE JOINTS, MASTIC OR PUTTY JOINTS, BRIMWOODS JOINTS, ELASTOMERIC ROLLING O-RINGS JOINTS, SOLVENT-CEMENT JOINTS, OR SADDLE-TYPE FITTINGS.
- TESTING SPECIFICATIONS**
- DEFLECTION TEST
 - DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE IN CONFORMANCE WITH THE LATEST 10-STATE (G.L.U.M.R.B.) STANDARDS.
 - THE DEFLECTION TEST SHALL NOT BE CONDUCTED UNTIL THE FINAL BACKFILL OVER THE PIPE HAS BEEN IN PLACE FOR AT LEAST 30 DAYS.
 - NO PIPE SHALL EXCEED A DEFLECTION OF 5 PERCENT. IF DEFLECTION EXCEEDS 5 PERCENT, REPLACEMENT SHALL BE ACCOMPLISHED AS PER APPROVED DETAILS AND SPECIFICATIONS, AND THE DEFLECTION TEST RE-PERFORMED.
 - THE RIGID BALL OR WANDER, USED FOR THE DEFLECTION TEST SHALL HAVE A DIAMETER OF NOT LESS THAN 95 PERCENT OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE (DEPENDENT ON WHICH IS SPECIFIED IN THE ASTM SPECIFICATION OR APPENDIX OF THE CUT SHEET SUPPLIED BY THE PIPE MANUFACTURER). THE DEFLECTION TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
 - HYDROSTATIC TEST
 - AN EXFILTRATION (OR INFILTRATION TEST DEPENDING ON LOCATION OF THE GROUNDWATER TABLE) SHALL BE PERFORMED WITH A MINIMUM POSITIVE HEAD OF 2 FEET (600 mm), IN CONFORMANCE WITH THE LATEST 10-STATE (G.L.U.M.R.B.) STANDARDS.
 - THE SYSTEM OPENINGS SHALL BE CLOSED, FILLED WITH WATER, AIR PURGED, THEN REFILLED WITH WATER. FOLLOWING REFILL THE WATER SUPPLY SHALL BE DISCONNECTED AND THE SYSTEM JOINTS INSPECTED FOR LEAKS.
 - MAXIMUM ALLOWABLE LEAKAGE IS 100 GALLONS PER INCH OF NOMINAL PIPE SIZE PER MILE OF PIPE PER 24-HOUR DAY (9.2 LITERS PER MILLIMETER OF NOMINAL PIPE SIZE PER KILOMETER OF PIPE PER 24-HOUR DAY).
 - DUCTILE IRON PIPING SHALL BE TESTED IN CONFORMANCE WITH AMWA 6800, "HYDROSTATIC TESTING" SECTION USING A TEST PRESSURE OF AT LEAST 10 PSIG (69 kPa).
 - AIR TEST
 - AS A MINIMUM, THE AIR TEST SHALL CONFORM TO THE LATEST ASTM C-828 FOR CLAY PIPE, THE LATEST ASTM C 924 FOR CONCRETE PIPE, THE LATEST ASTM F-1417 FOR PLASTIC PIPE, OR FOR OTHER MATERIALS AS DIRECTED BY THE REGULATORY AGENCY.
 - AIR TESTING OF ALL NEW CONCRETE MANHOLES SHALL CONFORM TO THE LATEST ASTM C-1244.

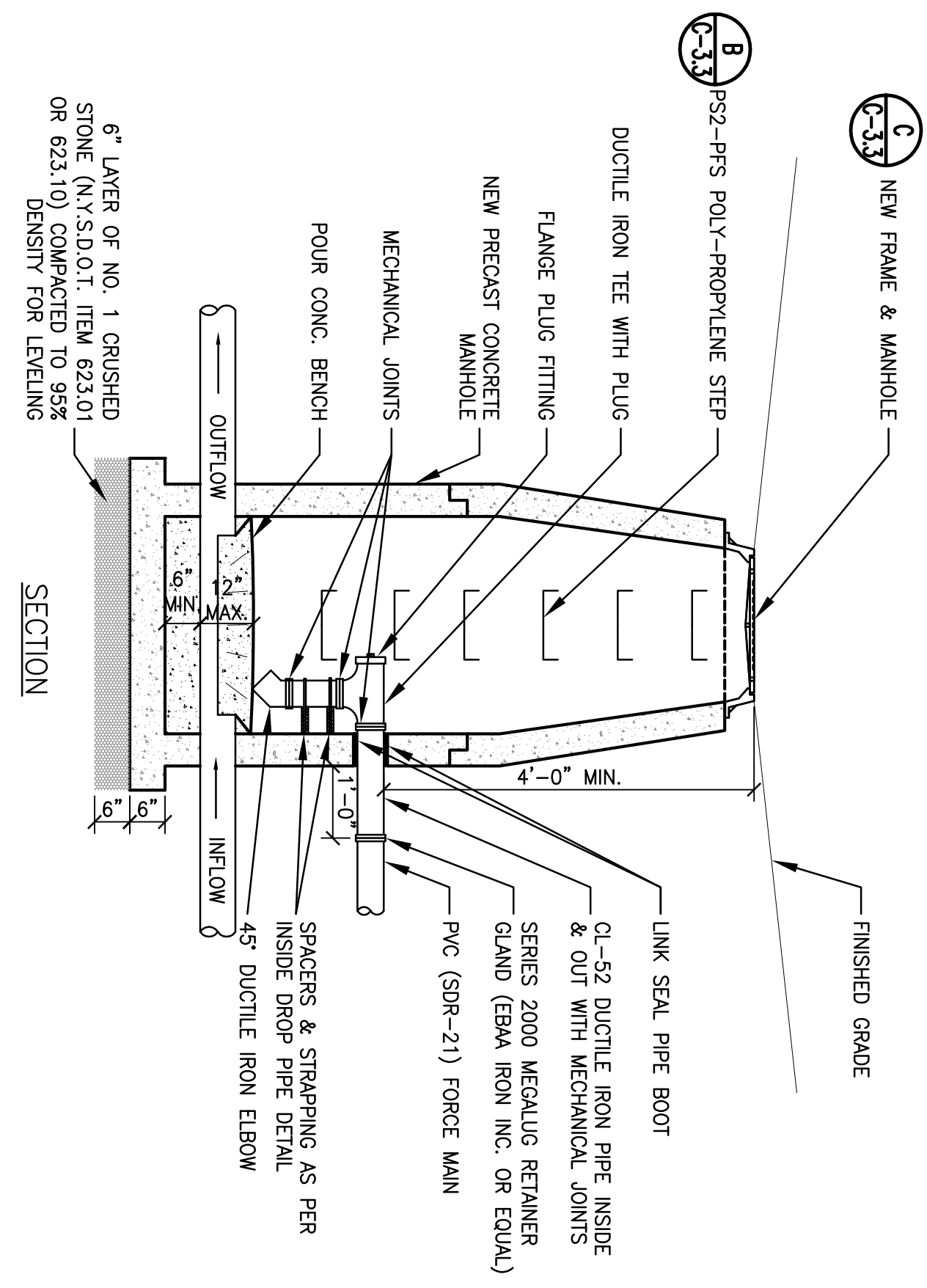
FOR OFFICIAL TOWN OF AMHERST USE

SANITARY DETAILS

studio t3
ENGINEERS, PLLC
2465 Main Street, Suite 301
Brooklyn, NY 11225
Tel: (718) 854-2277
Fax: (718) 854-9804

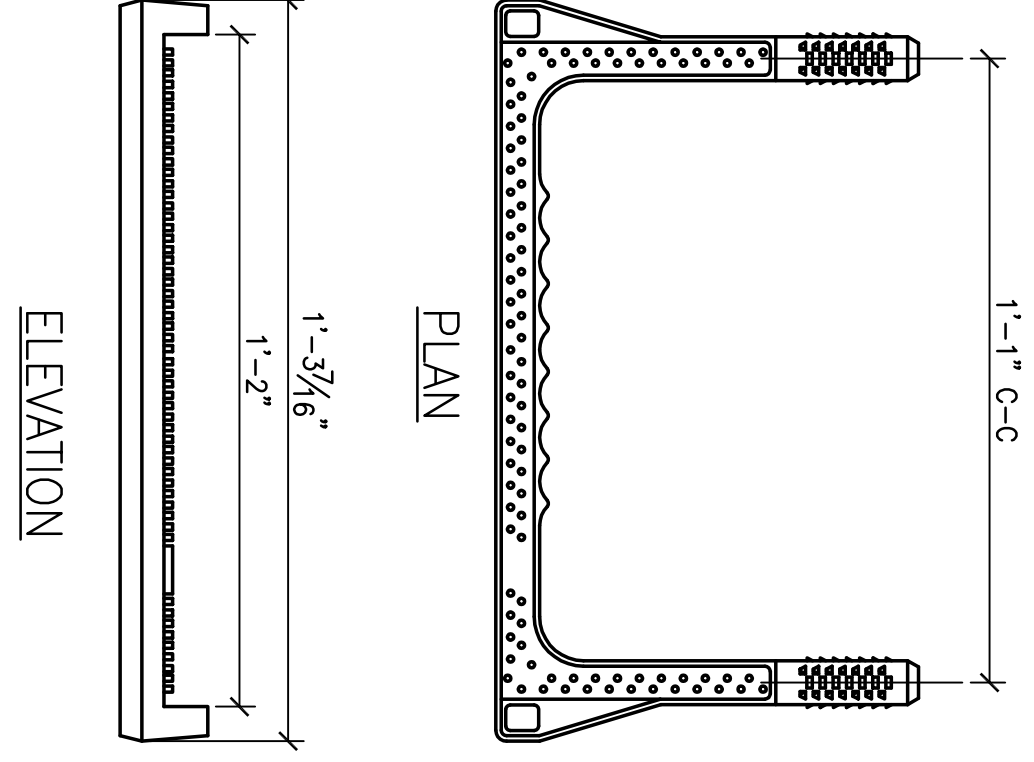
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CHECKED BY: RMT
JOB # 23-194A
SHEET C-3.2

WARNING: IT IS A VIOLATION OF SECTION 2098, SUBSECTION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER, TO ALTER IN ANY MANNER PLANS, SPECIFICATIONS, OR REPORTS TO WHICH THE SEAL OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER HAS BEEN APPLIED.

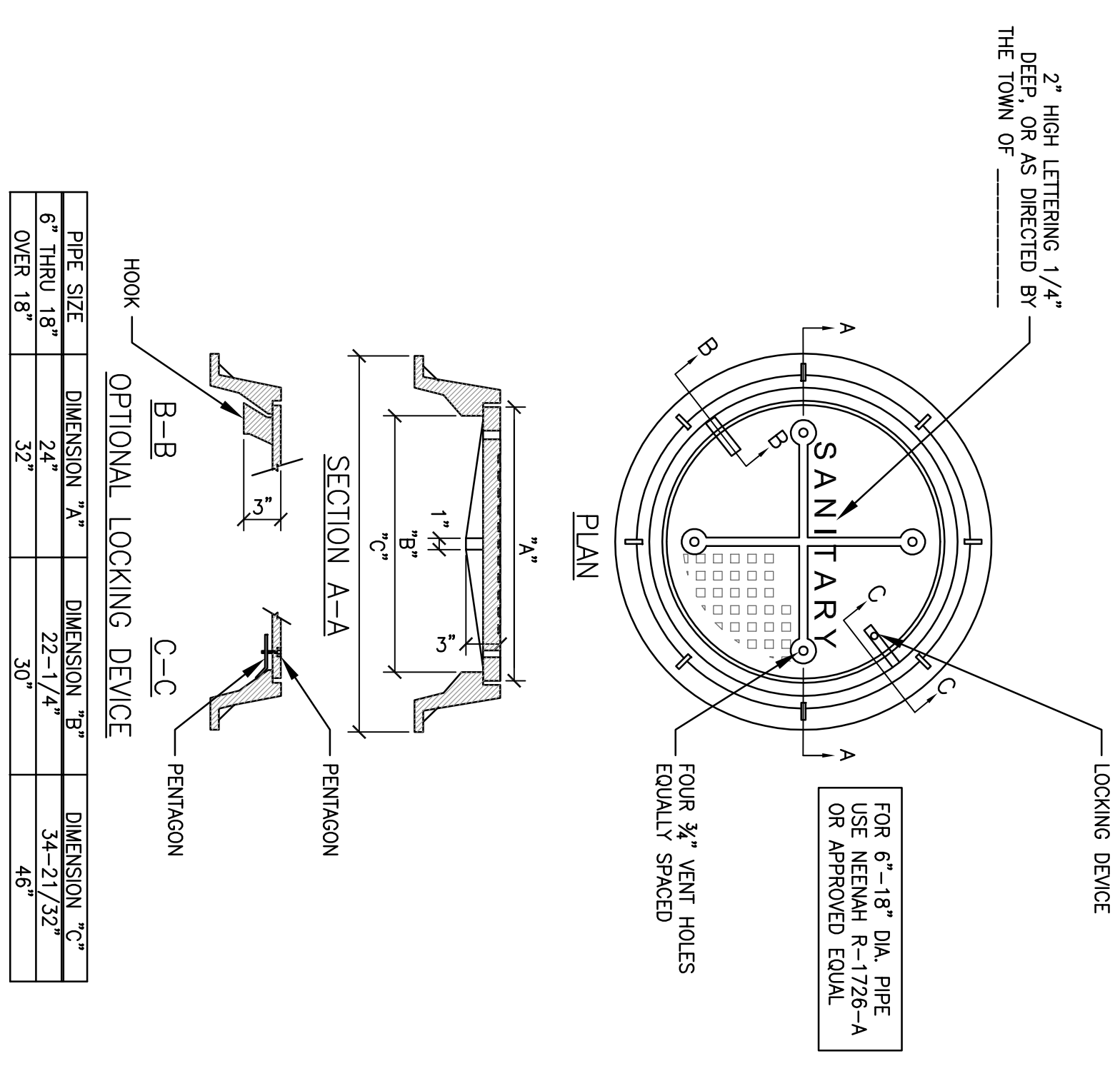
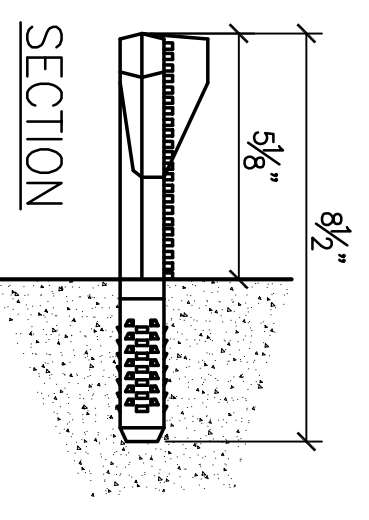


FORCE MAIN - MANHOLE CONNECTION DETAIL
SCALE: 1/2" = 1'-0"

- NOTES:**
- MANHOLE STEPS SHALL BE STEEL REINFORCED COPOLYMER POLYPROPYLENE.
 - THE STEPS SHALL BE EMBEDDED INTO THE WALLS OF THE CONCRETE MANHOLE BARREL WHILE IT IS BEING CAST, OR ELSE SECURELY GROUTED INTO PLACE AFTER CASTING.
 - USE KISTNER PS2-PFS MANHOLE STEP OR APPROVED EQUAL.
 - COPOLYMER POLYPROPYLENE SHALL COMPLY WITH THE LATEST A.S.T.M. 2146-82, TYPE II, GRADE 43758.
 - STEEL DEFORMED 1/2" REINFORCED BAR GRADE 60-80 K.S.I. (A.S.T.M. A615).
 - DESIGN LOADING: VERTICAL LOAD: 800 lbs. MINIMUM. PULLOUT: 1,500 lbs. MINIMUM. IMPACT: 300 FT.-lbs PER MINUTE.
 - ALL STEPS SHALL MEET OR EXCEED THE LATEST A.S.T.M. C478-85A, C497-85, C531A, DEC. 84, PART 96, N.I.S.D.O.T. APPROVED, N.I.S.O.G.S. APPROVED.

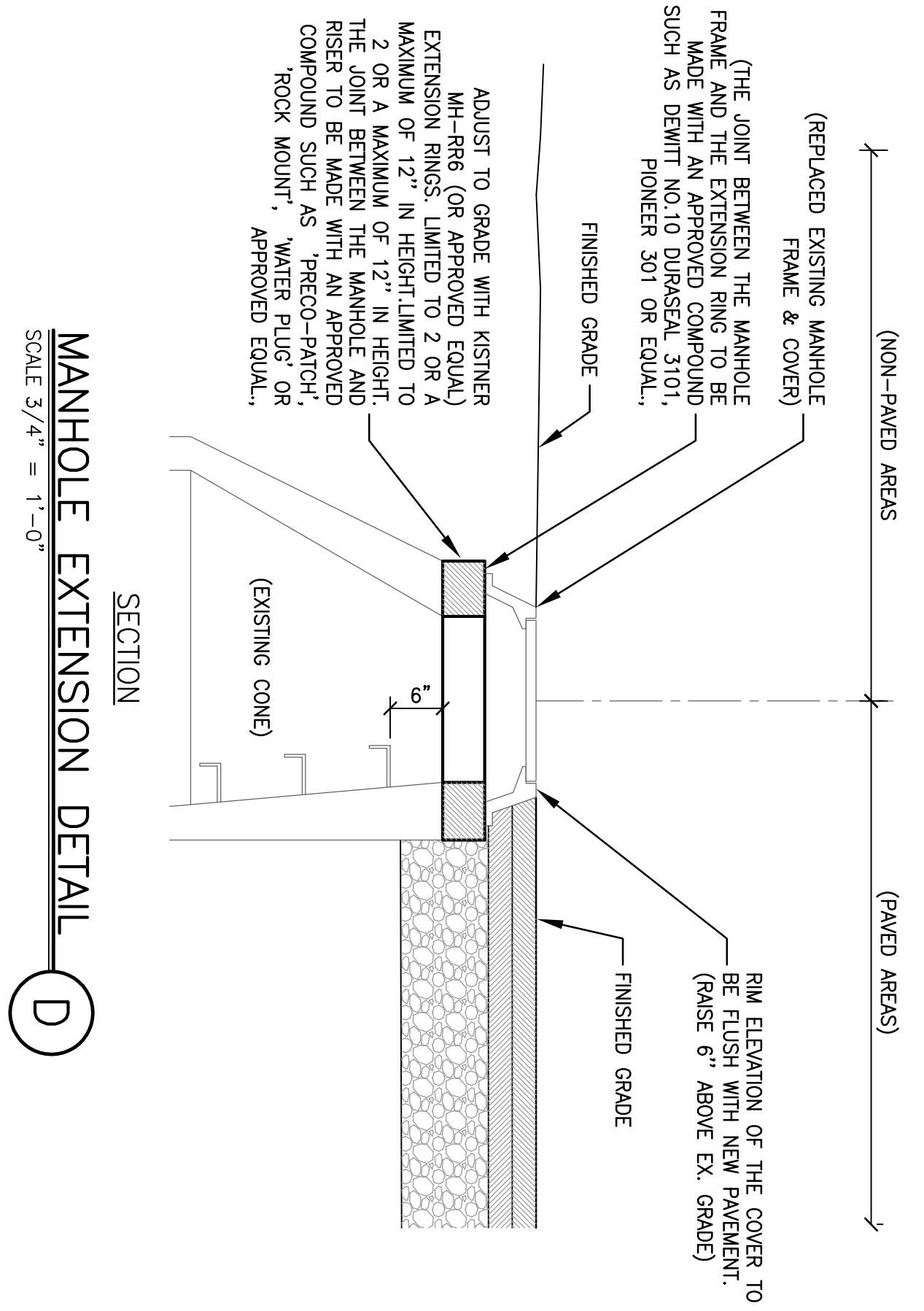


MANHOLE STEP DETAIL
SCALE: 3/4" = 1'-0"



- STANDARD FRAME AND COVER NOTES**
- MATERIAL A.S.T.M. A48 CLASS 30B CAST IRON.
 - UNIT MUST WITHSTAND H-20 WHEEL LOADING.
 - ALL DIMENSIONS ARE TO BE CONSIDERED MINIMUM WITH THE EXCEPTION OF THE COVER, WHICH MUST CONFORM EXACTLY TO THE MANHOLE INTERCHANGABILITY WITHIN THE COUNTY.
 - FRAMES AND COVERS SHALL HAVE MACHINED BEARING SURFACES.
 - LOCKING DEVICE MUST BE SITUATED TO ALLOW EASY REMOVAL OF COVER.
 - FRAMES AND COVERS SHALL BE GAS TIGHT AS PER SECT. 708.3.6 OF THE NYS PLUMBING CODE.

SANITARY MANHOLE FRAME & COVER DETAIL
SCALE: 1" = 1'-0"

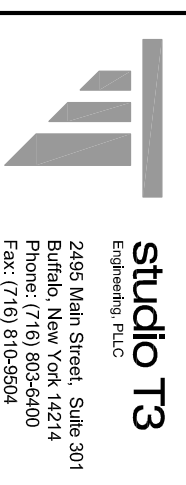


MANHOLE EXTENSION DETAIL
SCALE: 3/4" = 1'-0"

THE CONTRACTOR SHALL CONTACT THE REGIONAL ENGINEER FOR THE DESIGN OF THE FORCE MAIN AND MANHOLE CONNECTIONS. THE REGIONAL ENGINEER SHALL BE CONTACTED AT THE FOLLOWING ADDRESS: REGIONAL ENGINEER, EGGERTSVILLE HOSE COMPANY, 1880 EGGERT ROAD, AMHERST, NY 14226. THE REGIONAL ENGINEER SHALL BE CONTACTED AT THE FOLLOWING PHONE NUMBER: (716) 810-9504. THE REGIONAL ENGINEER SHALL BE CONTACTED AT THE FOLLOWING FAX NUMBER: (716) 810-9504. THE REGIONAL ENGINEER SHALL BE CONTACTED AT THE FOLLOWING EMAIL ADDRESS: REGIONAL@EGGERTSVILLE.COM. THE REGIONAL ENGINEER SHALL BE CONTACTED AT THE FOLLOWING WEBSITE: WWW.EGGERTSVILLE.COM.

EGGERTSVILLE HOSE COMPANY
EXTERIOR SITE IMPROVEMENTS
1880 EGGERT ROAD, AMHERST, NY 14226

SANITARY DETAILS

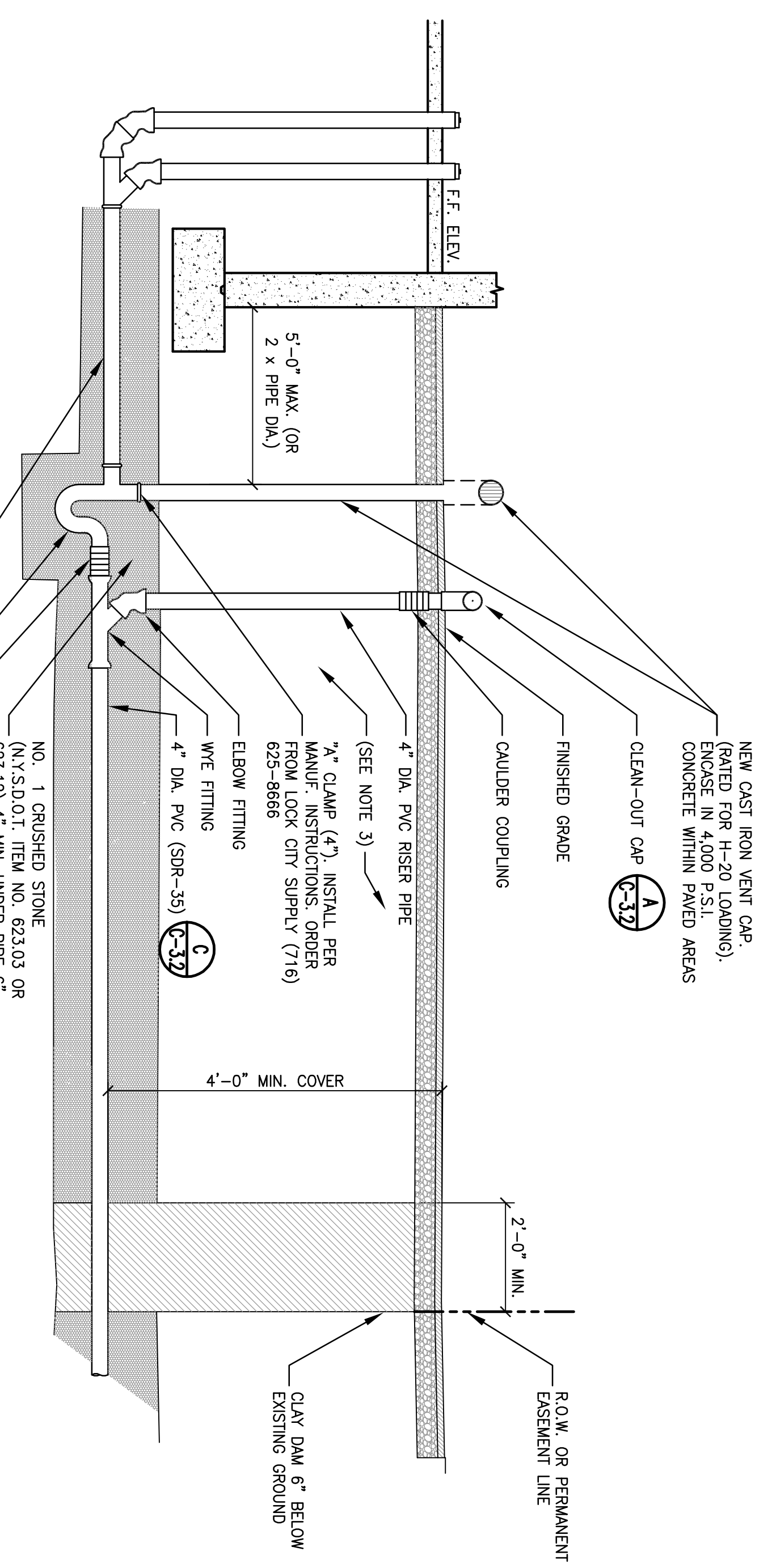


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JOB # 23-194A
SHEET C-3.3

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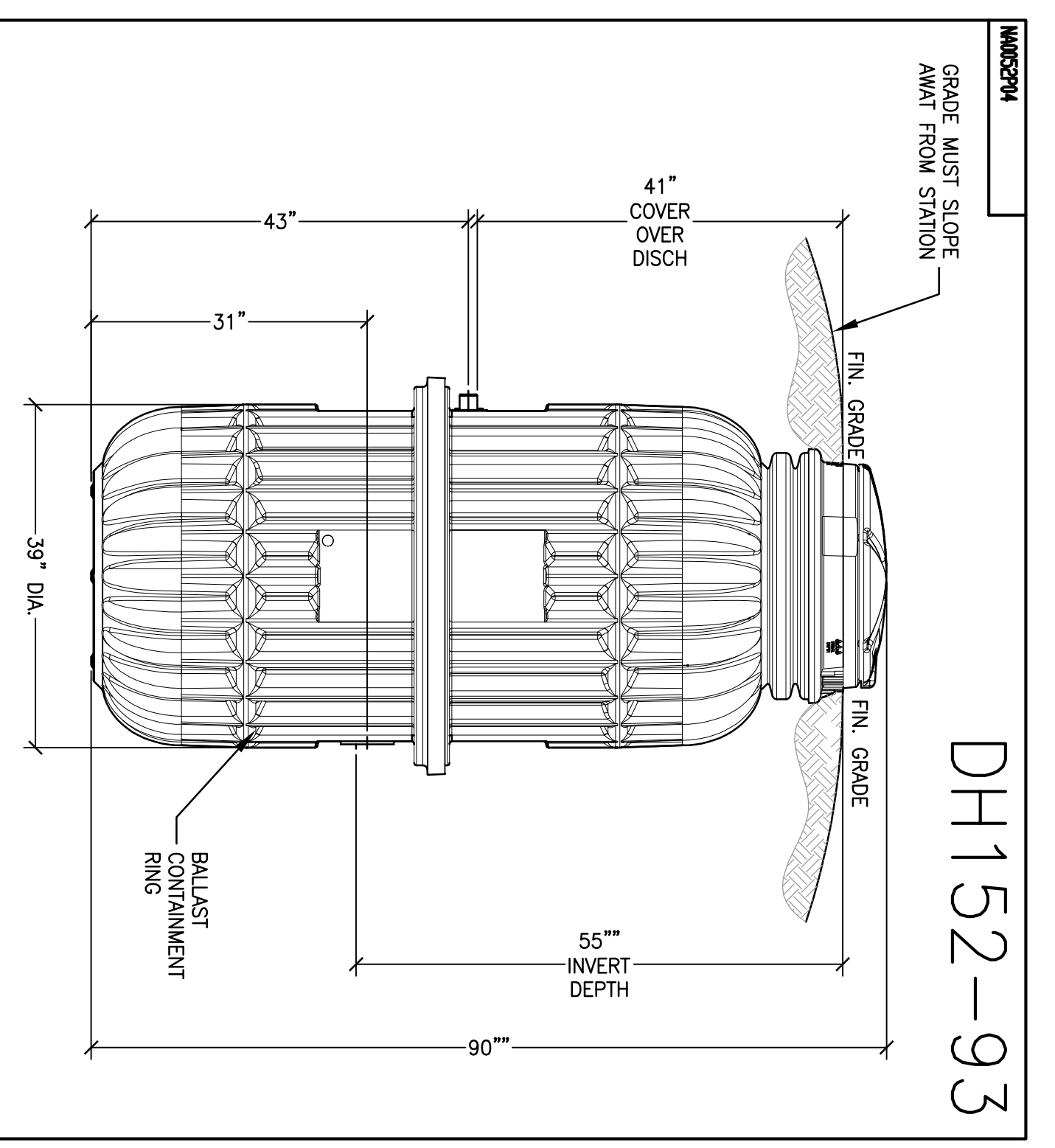
WARNING: IT IS A VIOLATION OF SECTION 7209, SUBSECTION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER, TO ALTER IN ANY MANNER PLANS, SPECIFICATIONS, OR REPORTS TO WHICH THE SEAL OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER HAS BEEN APPLIED.

THE CONTRACTOR SHALL CONTACT THE DESIGNER TO RESOLVE THE SITE AND THE FINAL SET OF RECORD PLANS IS TO BE SUBMITTED TO THE TOWN OF AMHERST FOR REVIEW AND APPROVAL. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF AMHERST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF AMHERST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF AMHERST.



SANITARY SEWER LATERAL DETAIL
SCALE: 1/2" = 1'-0"
A

- NOTES:**
1. THE SERVICE LATERAL MUST BE INSTALLED A MINIMUM OF 10" ABOVE THE BASEMENT FLOOR, (IF BUILDING CONTAINS A BASEMENT), WHERE LOCAL BUILDING ORDINANCES REQUIRE A GREATER DISTANCE. THE CONTRACTORS ARE TO COMPLY WITH THE MORE STRINGENT.
 2. PVC PIPE MATERIAL SHALL BE MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST A.S.T.M. SPECIFICATION D-3033/D-3034. CAST IRON PIPE MATERIAL SHALL BE EXTRA HEAVY CAST IRON MEETING THE REQUIREMENTS OF A.S.T.M. A14-42.
 3. SELECT BACKFILL (TYPE 2 SUBBASE COURSE) REQUIRED UNDER PAVED AREAS.
 4. CONCRETE ENGAGEMENT IS REQUIRED FOR SEWERS WITH LESS THAN 4 FEET OF COVER UNDER PAVED AREAS.
 5. BEDDING MATERIAL AND MATERIAL AROUND PIPE ("NO. 1 CRUSHED STONE") SHALL CONFORM TO THE GRADATION IN N.Y.S.D.O.T. TABLE 703-4. SIZE DESIGNATION 1. MATERIAL DESIGNATION 702-0201. GENERAL: PIPE BEDDING MATERIAL SHALL CONFORM TO CLASS I, II, OR III AS PER ASTM D 2321.
 6. THE DESIGN ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF TRENCH SHEETING OR SHORING REQUIRED AS PER THE LATEST O.S.H.A. STANDARDS, OR FOR WORKER SAFETY AND PROTECTION TRENCH AREAS. THE OWNER'S ON-SITE GEOTECHNICAL ENGINEER SHALL DESIGN, OBSERVE THE INSTALLATION, AND APPROVE THE TRENCH SHIELDING DURING TRENCH OPERATIONS.



CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTIONS FOR DETAILS
NOTE: DIMENSIONS ARE FOR REFERENCE ONLY
DISCHARGE: 1-1/4" FEMALE PIPE THREAD
INLET: EPDM GROMMET FOR 4" DWV
PIPE (STANDARD)

DATE	BY	DESCRIPTION	SCALE
1/21/25	AMT	ISSUED FOR CLIENT REVIEW	1/3/25

eone
SEWER SYSTEMS
MODEL DH152-93
NA0052P04

GRINDER PUMP DETAIL
SCALE: 3/4" = 1'-0"
B

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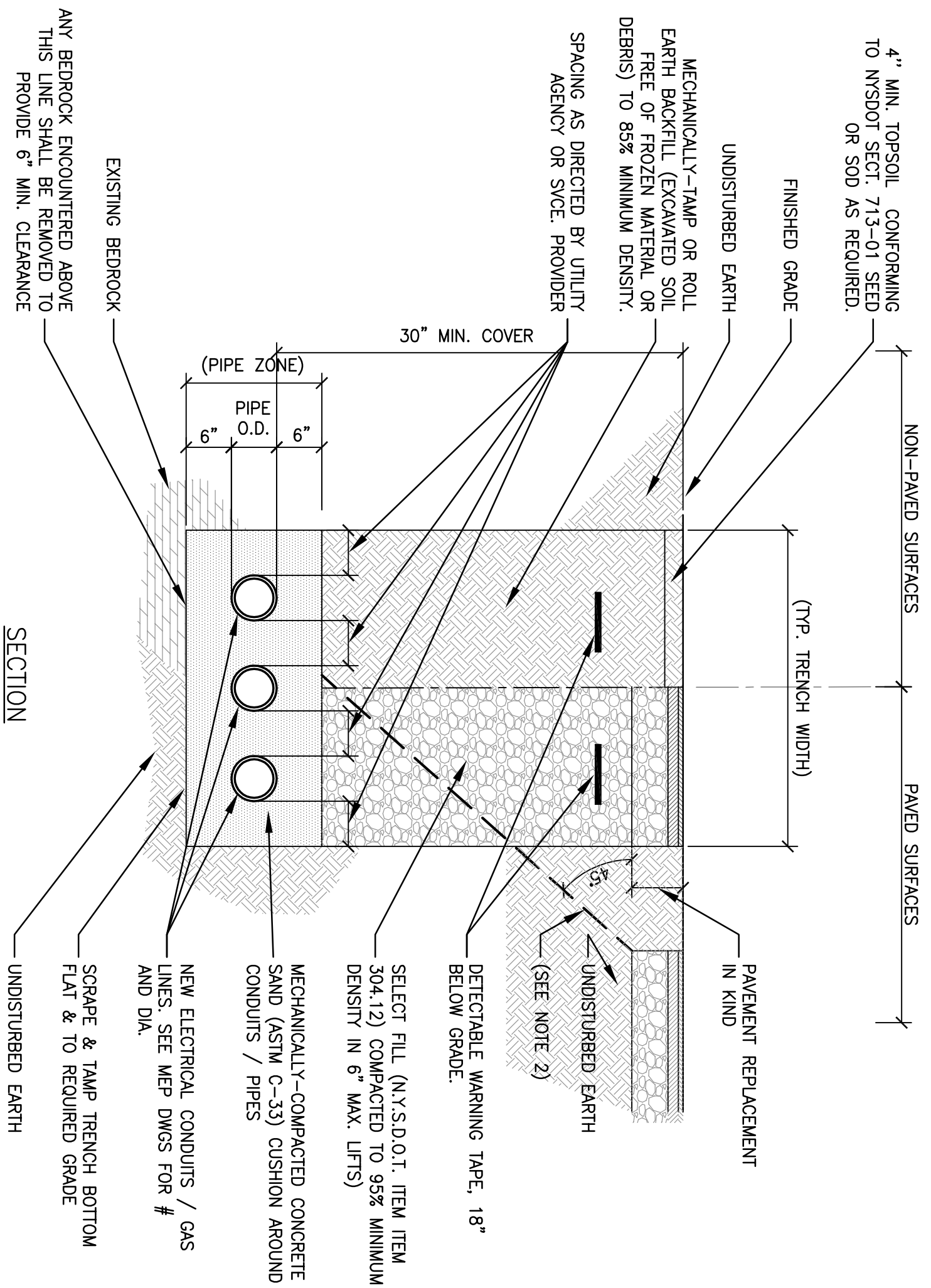
SANITARY DETAILS

ISSUED FOR SITE PLAN REV.	1/21/25
ISSUED FOR CLIENT REVIEW	1/3/25

studio t3
ENGINEERING PLLC
2465 Main Street, Suite 301
Brooklyn, NY 11225
Tel: (718) 810-9500
Fax: (718) 810-9504

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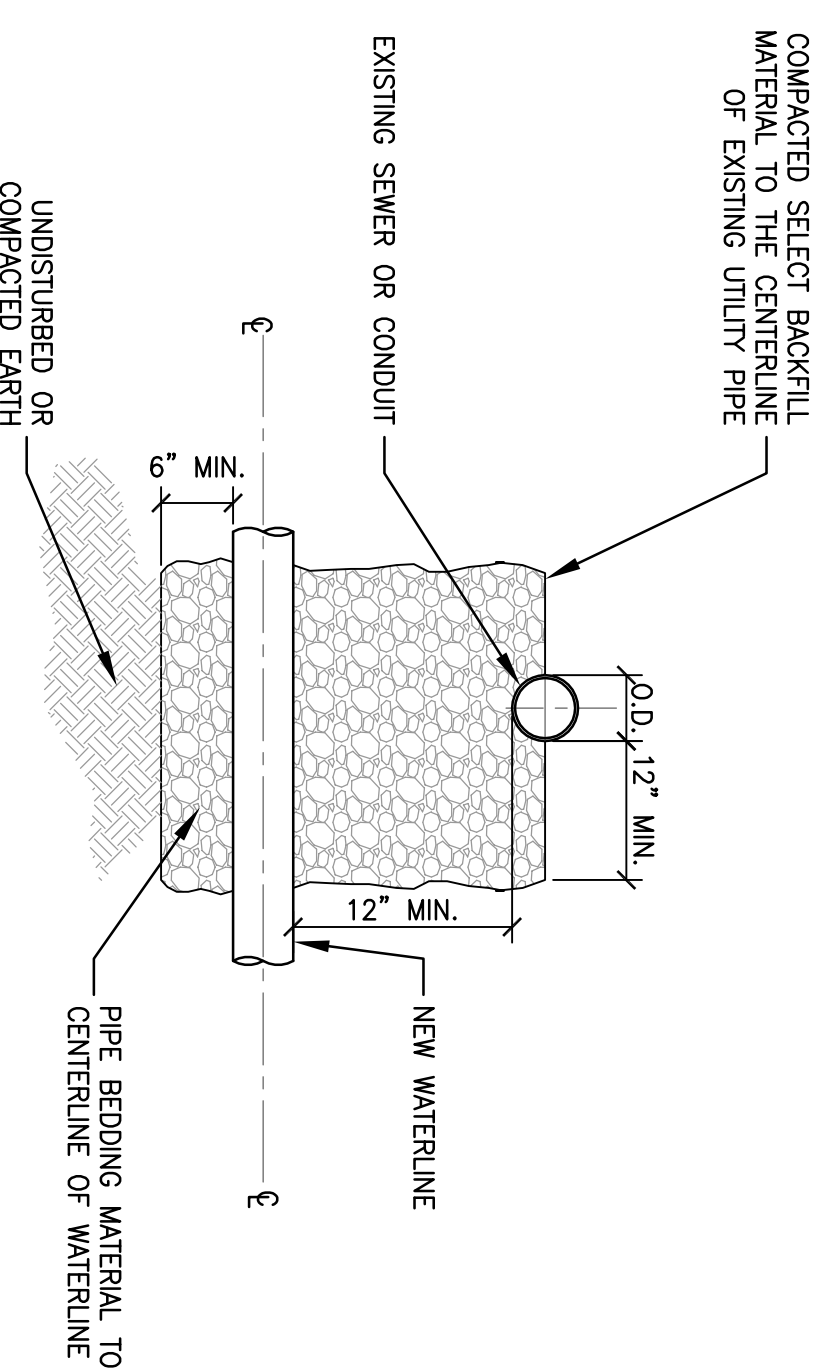
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UTILITY TRENCH DETAIL A

SCALE: 3/4" = 1'-0"

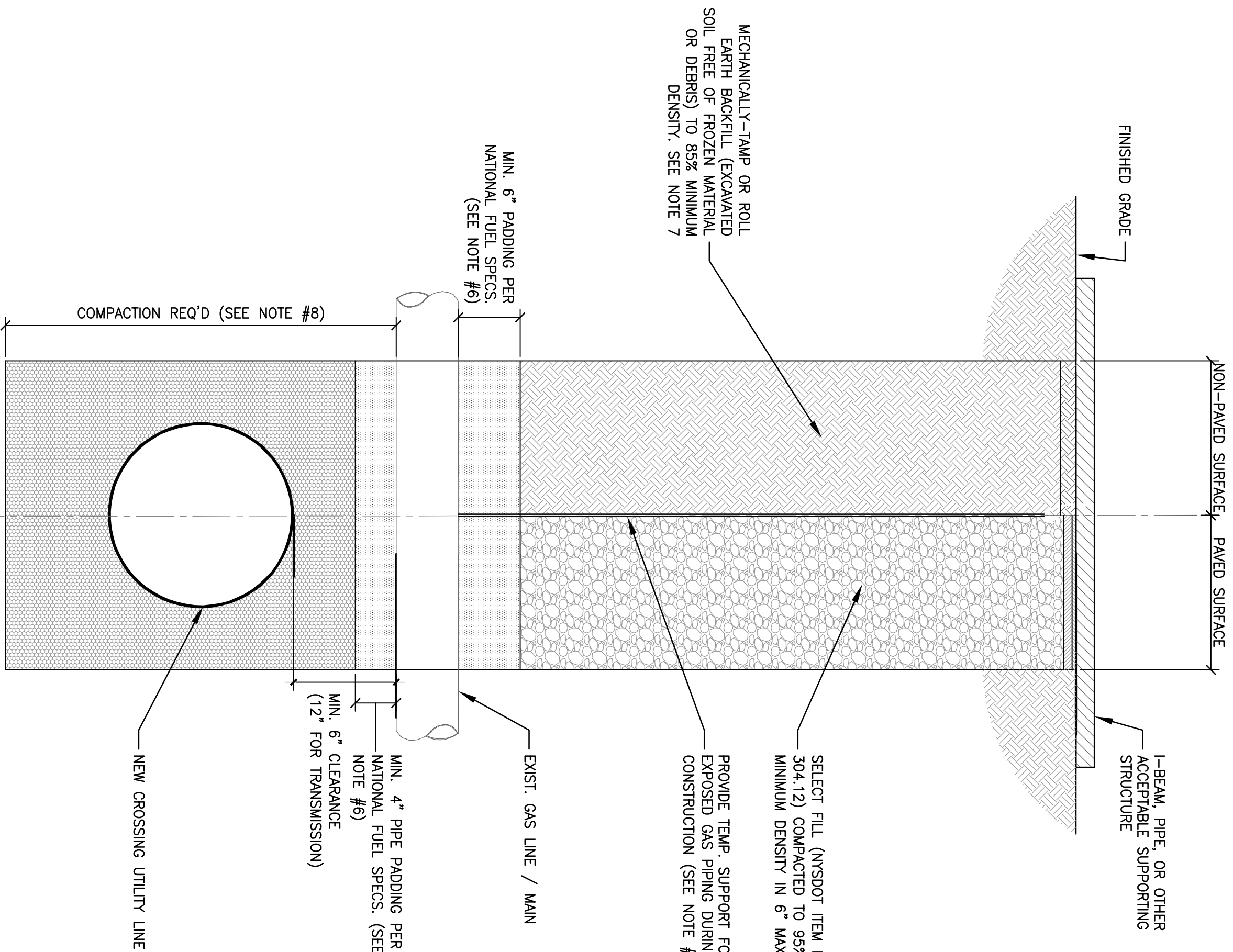
- NOTES:
- THE DESIGN ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF TRENCH SHEETING OR SHORING REQUIRED AS PER THE LATEST O.S.H.A. STANDARDS, OR FOR WORKER SAFETY AND PROTECTION TRENCH AREAS. THE OWNER'S ON-SITE GEOTECHNICAL ENGINEER SHALL DESIGN, OBSERVE THE INSTALLATION, AND APPROVE THE TRENCH SHIELDING DURING TRENCH OPERATIONS.
 - SELECT FILL (N.Y.S.D.O.T. ITEM 304.12) IS REQUIRED FOR FULL DEPTH UNDER DRAINWAYS, ROAD CROSSINGS, AND IF THE 49 LINE SHOWN ABOVE INTERFERES THE TRENCH ABOVE THE PIPE ZONE.
 - IF SOFT MATERIALS OF POOR LOAD-BEARING QUALITY ARE FOUND AT THE BOTTOM OF THE TRENCH, STABILIZATION SHALL BE ACHIEVED BY EXCAVATING A MINIMUM DEPTH EQUAL TO TWO PIPE DIAMETERS AND BACKFILLING UP TO THE PIPE BEDDING AND COMPACTING TO 98% DENSITY.



PIPE CROSSING DETAILS C

SCALE: 3/4" = 1'-0"

- NOTES:
- ALL EXISTING UTILITIES MUST BE SUPPORTED DURING CONSTRUCTION OF THE NEW FIRE LINE. COST SHALL BE INCLUDED IN PIPE PRICE.
 - WHEN CROSSING A SEWER LINE WITH A NEW WATERLINE, ONE FULL PIPE LENGTH (18 FT. MIN.) SHALL BE USED AT THE POINT OF CROSSING. THE PIPE LINE SHALL BE PLACED AS NEAR AS POSSIBLE FROM THE EXISTING SEWER.



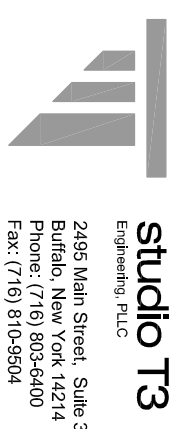
GAS LINE CROSSING DETAIL B

SCALE: 3/4" = 1'-0"
DETAIL FURNISHED BY NATIONAL FUEL

- NOTES:
- PRIOR TO ANY EXCAVATION WORK, DAMAGE PREVENTION LAWS REQUIRE PERSONS TO MAKE CONTACT WITH THE APPROPRIATE ONE-CALL SYSTEM BY CALLING 811 OR IN NEW YORK, 1-800-962-7962.
 - IF A NATURAL GAS FACILITY IS DAMAGED RESULTING IN A RELEASE OF NATURAL GAS, IMMEDIATELY CALL 911 AND THE NATIONAL FUEL EMERGENCY NUMBER 1-800-444-3130.
 - IF A NATURAL GAS LINE IS SCRATCHED, GOUGED, DENTED, PULLED, OR BOWED DURING EXCAVATION WORK OR THE PROTECTIVE COATING IS DAMAGED, IMMEDIATELY CALL THE NATIONAL FUEL EMERGENCY NUMBER 1-800-444-3130 TO SET UP A REPAIR OR DAMAGE.
 - NATIONAL FUEL REQUIRES THAT EXCAVATORS SUPPORT EXISTING GAS LINES AND GAS MAINS DURING CONSTRUCTION. THE SUPPORT SHALL BE MAINTAINED THROUGH CONSTRUCTION AND BACKFILL OPERATIONS IN ORDER TO PROTECT THE EXISTING GAS SERVICES FROM SETTLEMENT AND TRAFFIC LOADS. CONTACT NATIONAL FUEL FOR SUPPORT DETAILS AND RECOMMENDATION AND FOR INSPECTION WHERE EXISTING GAS PIPING WILL BE EXPOSED FOR A LENGTH OF 15 FEET OR GREATER, OR WHEREVER A GAS PIPE COUPLING OR FITTING IS EXPOSED.
 - UNDERGROUND UTILITIES AND OTHER STRUCTURES PLACE NEAR NATIONAL FUEL GAS SERVICE LINES OR MAINS MUST MAINTAIN A MINIMUM CLEARANCE OF 12 INCHES FOR TRANSMISSION PIPELINE CROSSINGS, AND 6 INCHES FOR DISTRIBUTION MAINS AND SERVICES. ANY METALLIC STRUCTURE PLACED NEAR STEEL PIPELINES REQUIRES THE INSTALLATION OF AN ELECTRIC TEST STATION.
 - BACKFILL MATERIAL AROUND NATIONAL FUEL GAS SERVICES SHALL BE CLEAN FILL OF SELECT SAND OR SAND SCREENS. MATERIALS GREATER THAN 48 HOURS OLD SHALL BE REJECTED. BACKFILL MATERIALS PER SAND LIMESTONE SCREENINGS ALL PASSING THE NO. 40 AND NO. 200 SIEVE. A 50% BLEND OF NO. 14 GRAVEL AND SAND, OR NO. 14 ROUND GRAVEL.
 - FILL MATERIAL BEYOND THE SELECT BACKFILL SHALL BE FREE OF LOGS, CONCRETE, STUMPS, BRUSH, OR ROCKS LARGER THAN 12 INCHES.
 - BACKFILL MATERIAL BENEATH AND AROUND ANY UNDERGROUND GAS FACILITY SHALL BE PROPERLY COMPACTED AS SHOWN ON THE ADJACENT DETAIL.
 - HEAVY LOADS AND EXCESSIVE FORCES SHALL NOT BE IMPOSED ON GAS SERVICE LINES AT ANY TIME DURING EXCAVATION, CONSTRUCTION, OR BACKFILLING OPERATIONS.
 - #10 OR #12 LOCATING WIRE IS BURIED ALONG THE SIDE OF MOST PLASTIC GAS MAINS AND SERVICE LINES. HEAVIER CABLES (PART OF CATHODIC PROTECTION SYSTEMS) MAY ALSO BE FOUND NEAR SOME STEEL PIPE FACILITIES. IF ANY WIRE OR CABLE IS DAMAGED IT MUST BE IMMEDIATELY REPORTED TO NATIONAL FUEL.

FOR OFFICIAL TOWN OF AMHERST USE

UTILITY DETAILS



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Brookline, MA 02148
Phone: (617) 734-4100
Fax: (617) 619-8904

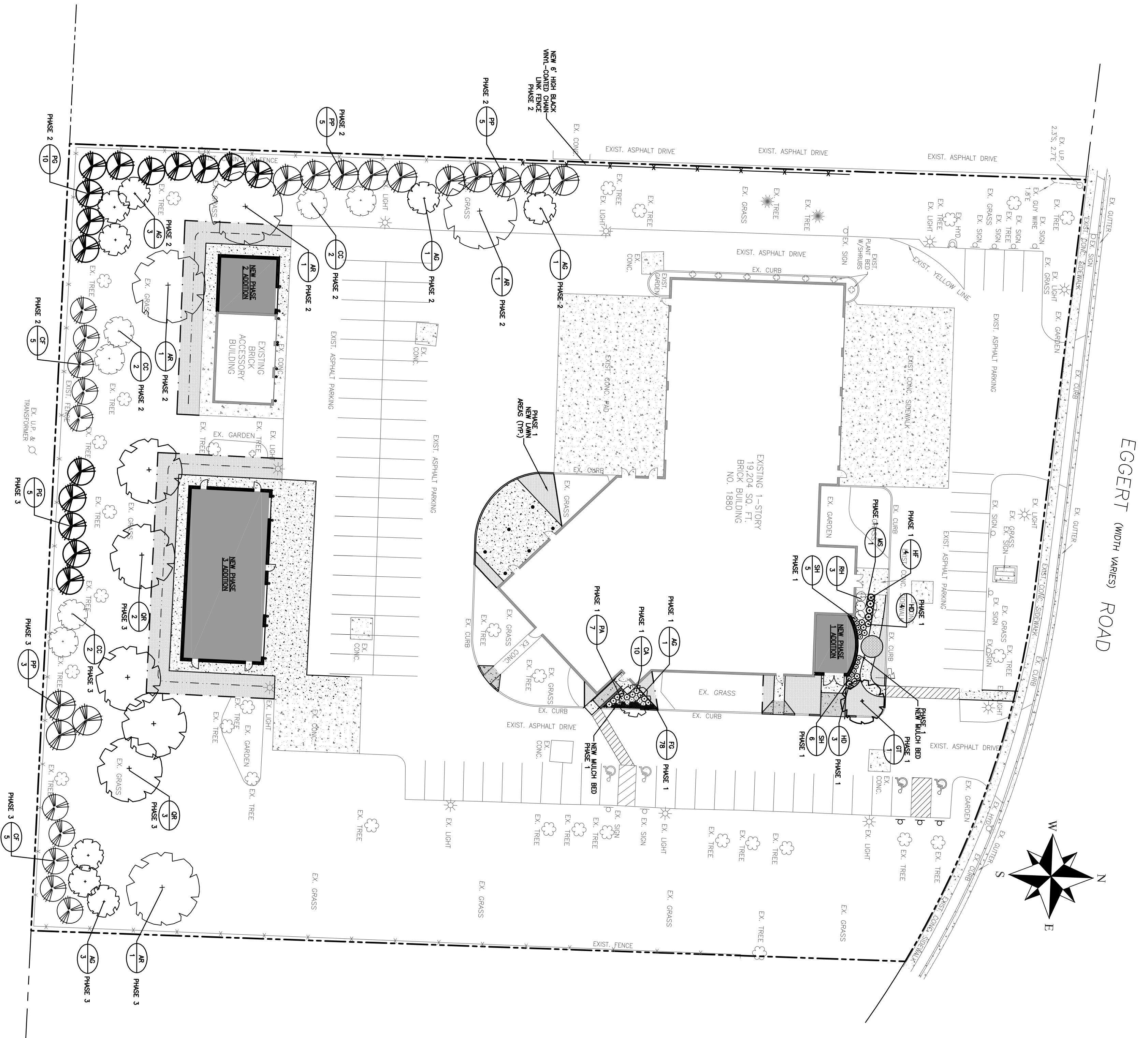
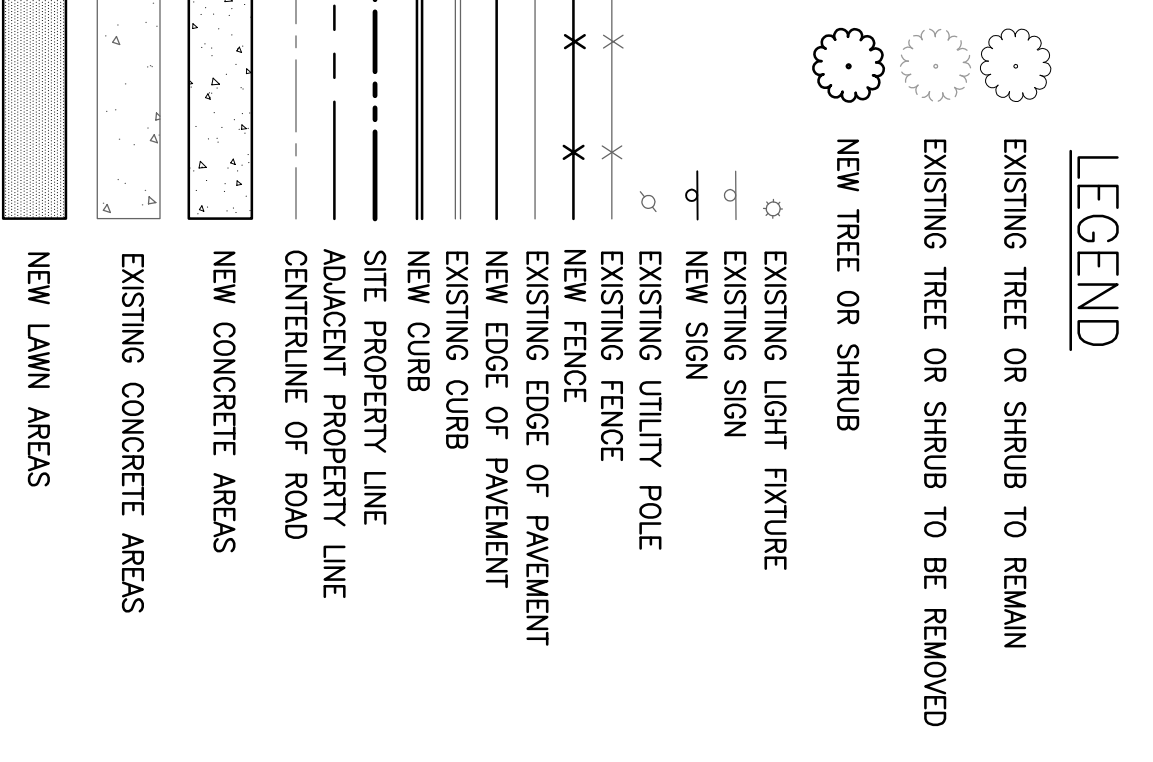
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1880 EGGERT ROAD, AMHERST, NY 14226

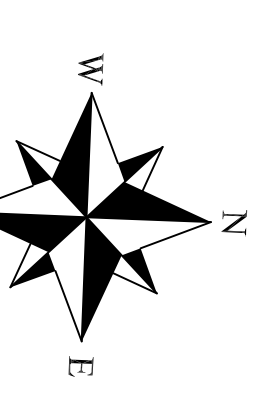
THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER IMMEDIATELY UPON THE DISCOVERY OF ANY EXISTING UTILITIES NOT SHOWN ON THE PLAN. SET OF RECORD PLANS IS CONTROL AS OF THE DATE IT WAS ISSUED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INVESTIGATIONS. THE RIGHT TO REMOVE AND REPAIR EXISTING UTILITIES SHALL BE RESERVED TO THE DESIGN ENGINEER. FROM PREVIOUS PLANS ISSUED FOR PERMIT OR BLD.

PLANT LIST: NEW PLANT MATERIAL

KEY	NO.	BOTANICAL NAME	COMMON NAME	SIZE	CONDIT.	REMARKS
TREES						
AR	4	ACER RUBRUM 'SUN VALLEY'	SUN VALLEY RED MAPLE	2 1/2" TO 3" CAL.	B&B	SEEDLESS 40' HT. 35' WIDTH
GT	1	GLEDITSIA TRIACANTHOS INERMIS 'DRAVES'	STREETKEEPER HONEYLOCUST	2 TO 3"	B&B	35' HT. 20' WIDTH
QR	5	QUERCUS RUBRA	RED OAK	2 TO 3"	B&B	75' HT. 60' WIDTH
CF	10	ABIES CONCOLOR	CONCOLOR FIR	5 TO 6 FT. HT.	B&B	FULL TO GROUND
PG	15	PICEA GLAUCA	WHITE SPRUCE	5 TO 6 FT. HT.	B&B	FULL TO GROUND
PP	13	PICEA PUNGENS GLAUCA	COLORADO BLUE SPRUCE	5 TO 6 FT. HT.	B&B	FULL TO GROUND
AG	9	AMELANGHER X GRANDIFLORA 'AUMUMI BRILLANCE'	AUTUMN BRILLANCE SERVICEBERRY	6 TO 7 FT. HT.	B&B	CLUMP FORM. MIN. 3 MAJOR STEMS. 20' HT. 15' WIDTH
CC	6	CERIS CANADENSIS 'MERLOT'	MERLOT EASTERN REDBUD	2" CAL.	B&B	12' HT. 12' WIDTH
MS	1	MAGNOLIA STELLATA 'ROYAL STAR'	ROYAL STAR MAGNOLIA	2" CAL.	B&B	15' HT. 10' WIDTH. WHITE FLOWERS
SHRUBS						
RH	3	RHOODODENDRON 'PINK'	PINK RHOODODENDRON	#5 CONT.	FULL SHADE	6' HT. 6' WIDTH
SH	11	SARCOCOCCA HOOKERIANA 'HUMILIS PURPLELIT'	SWEET BOX	#3 CONT.	FULL SHADE	2-1/2' HT. 3' WIDTH
PERENNIALS / ORNAMENTAL GRASSES						
CA	10	CALAMAGROSTIS X ACUTIFOLIA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	#2 CONT.	POTTED	5' HT. 3' WIDTH
FG	78	FESTUCA GLAUCA 'EILAH BLUE'	EILAH BLUE FESCUE GRASS	#1 CONT.	POTTED	10" HT. 10" WIDTH
HF	4	HOSTA X 'FRAGRANT BLUE'	FRAGRANT BLUE HOSTA	#2 CONT. SELECT	POTTED	2' HT. 3' WIDTH. BLUE FOLIAGE. SHADE TOLERANT
HD	7	HOSTA 'DANCING QUEEN'	DANCING QUEEN HOSTA	#2 CONT. SELECT	POTTED	1-1/2' HT. 2-1/2' WIDTH. YELLOW FOLIAGE. SHADE TOLERANT
PA	14	PENNSTETUM ALPESCURIOIDES 'HAMEL'	DWARF FOURNAIN GRASS	#2 CONT.	POTTED	3' HT. 2' WIDTH



EGGERT (WITH WAES) ROAD



RONALD
MICHAEL
TRIGILIO
ARCHITECT

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ISSUED FOR
SITE PLAN
REVIEW
1/12/125

EGGERTSVILLE HOSE
SITE IMPROVEMENTS
1880 EGGERT ROAD
AMHERST, NEW YORK 14226

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NO.	DESCRIPTION	DATE
Issued Schedule		

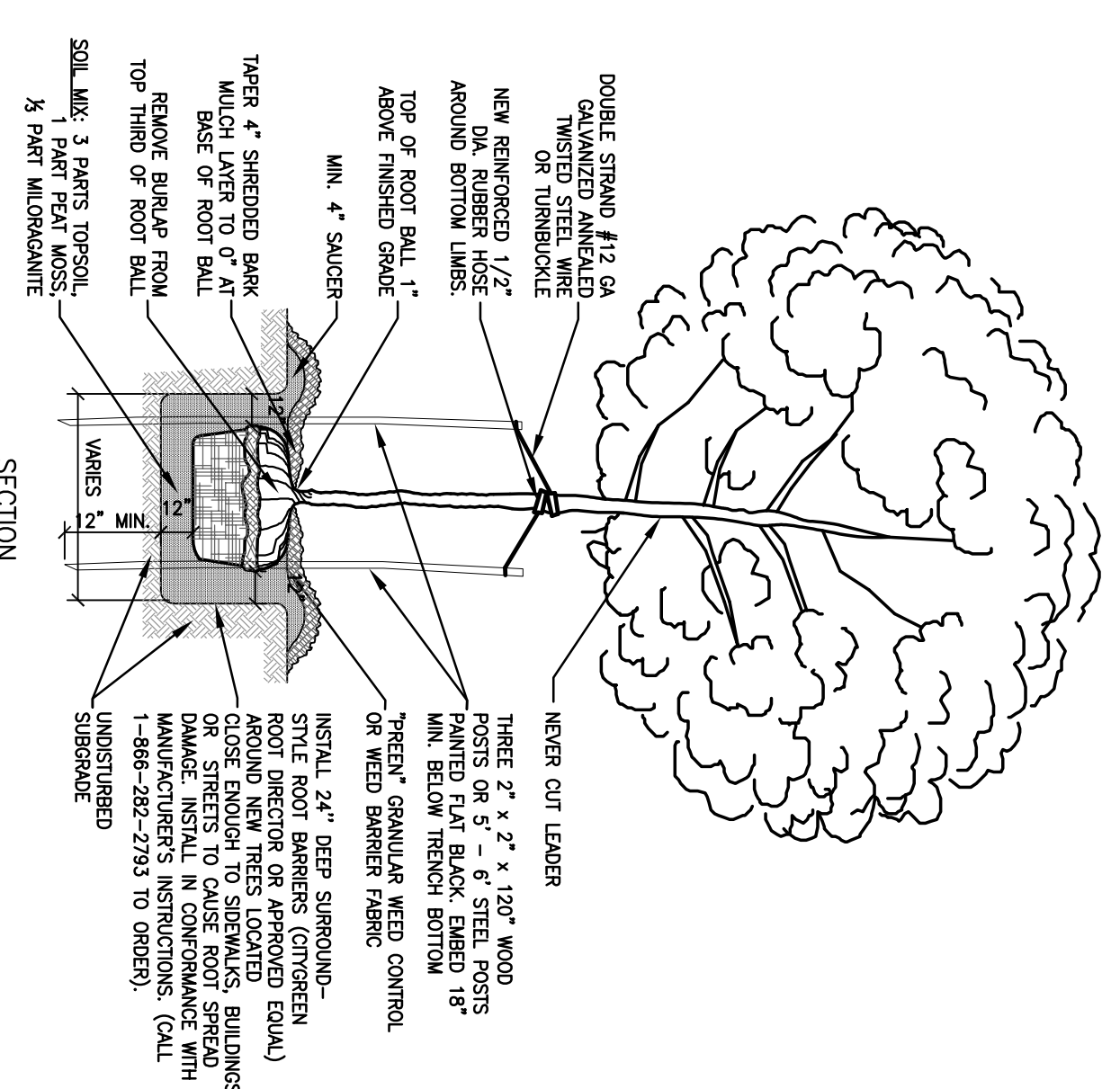
PROJECT NO: 23-1944
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SHEET TITLE
SITE
LANDSCAPE
PLAN

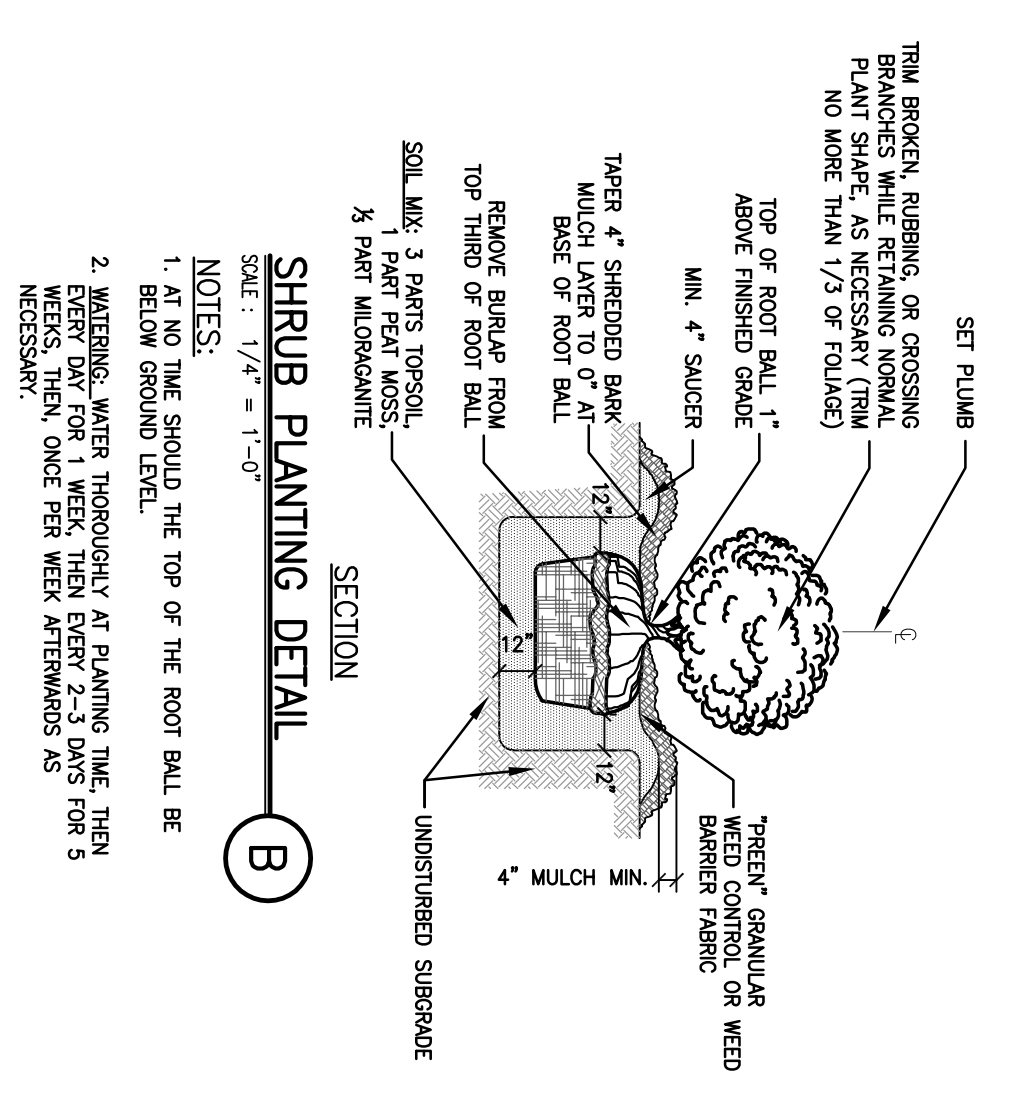
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LANDSCAPE NOTES

1. THE CONTRACTOR SHALL PROVIDE MAINTENANCE INCLUDING FERTILIZING, RE-SEEDING, AND WATERING AS REQUIRED DURING LANDSCAPE INSTALLATION AND PLANTING FOR A MINIMUM PERIOD OF 12 MONTHS FROM PLANTING DATE. AFTER THE FIRST YEAR THE OWNER SHALL PROVIDE YEARLY MAINTENANCE INCLUDING OCCASIONAL WATERING AS NECESSARY DURING DROUGHT CONDITIONS, PERIODIC WEEDING, PLANTING BED RE-SEEDING, AND LEAF CLEAN-UP AFTER AUTUMN AND WINTER SEASONS. ALL PLANTS DAMAGED OR DEAD SHALL BE REPLACED. MULCH BED LOSS SHALL BE REPLACED WITH A THIN LAYER. (PLEASE NOTE: MULCH LAYER SHALL NOT EXCEED 4 INCHES AND MULCH SHALL NOT BE PLACED AT THE BASE TRUNK FLARE OF ANY TREE OR SHRUB). EROSION SHALL BE REPAIRED AND ALL DAMAGED AREAS RE-VEGETATED IN KIND.
2. THE CONTRACTOR SHALL SCARIFY ALL NEW LANDSCAPE AREAS PRIOR TO SEEDING. REMOVE DEBRIS AND ROCKS TO 24" DEPTH PRIOR TO APPLYING TOPSOIL. LIME SOIL AS NECESSARY TO A pH OF 6.0. FERTILIZE WITH 600 lbs. OF 5-10-10 OR EQUIVALENT PER ACRE (14 lbs. PER EVERY 1000 SQ. FT.).
3. LIME AND FERTILIZE THE TOP 6" OF TOPSOIL. IF INITIAL SOIL pH TESTS INDICATE THAT pH LEVELS ARE ACIDIC (7 OR LESS), IF LIMESTONE IS USED IT SHALL BE ADJUSTED TO 100% EFFECTIVE NEUTRALIZING VALUE (ENV). LIME SHALL BE ADDED TO THE SOIL AS PER THE GUIDELINES IN THE TABLE ON PAGE 4.29 OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL. LIME SHALL NOT BE APPLIED WITHIN 50 FEET OF STREAMS AND WETLANDS.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL A 3" MINIMUM LAYER OF HIGH-QUALITY SHREDDED HARDWOOD BARK OR CEDAR MULCH IN ALL PLANTING BEDS.
5. ALL PROPOSED LANDSCAPE AREAS AND PLANTING BEDS SHALL BE EXCAVATED OF ALL BUILDING MATERIALS AND POOR UNSUITABLE SOILS TO A DEPTH OF 24" AND BACKFILLED WITH TOPSOIL AND THE PLANTING MIXTURE AS SPECIFIED IN THE DETAILS.
6. THE CONTRACTOR SHALL ERECT TEMPORARY CONSTRUCTION FENCING AROUND ALL EXISTING TREES TO REMAIN WITHIN THE PROJECT LIMITS TO PROTECT FROM SITE WORK DISTURBANCE.
7. BURLAP MESH MAY BE USED TO COVER SEEDING ON ANY SLOPE EMBANKMENTS STEEP ENOUGH TO IMPEDE THE ESTABLISHMENT OF LAWN AREAS.
8. THE OWNER OR CONTRACTOR SHALL RETAIN THE SERVICES OF A CERTIFIED TREE SURGEON TO REMOVE AS NECESSARY ANY BRANCHES OR LIMBS OF TREES OR BUSHES TO REMAIN WHICH MAY INTERFERE WITH CONSTRUCTION ACTIVITIES.
9. UNLESS RECOMMENDED OTHERWISE BY THE SEED VENDOR, PERMANENT GRASS SEEDING SHALL CONSIST OF A MIXTURE OF THE FOLLOWING: KENTUCKY BLUEGRASS = 25% BY WEIGHT (98% MIN. PURITY); PENN LAWN RED FESCUE = 25% BY WEIGHT (95% MIN. PURITY); 80% MIN. GERMINATION); TRIPLE CROWN PERENNIAL RYE = 50% BY WEIGHT (95% MIN. PURITY; 90% MIN. GERMINATION)
10. HAND-BROADCASTING OR HYDRO-SEEDING AND HYDRO-MULCHING SHALL BE USED TO ESTABLISH ALL NEW LAWN AREAS. IF HAND-BROADCASTING, SEW SEED AT A RATE OF 5 lbs. PER 1000 SQ. FT. RAKE SEED INTO TOP 1/8" OF TOPSOIL, ROLL, AND WATER WITH FINE MIST WATER SEED AS RECOMMENDED BY SEED VENDOR. UNIFORMLY SPREAD 2 INCHES OF STRAW MULCH OVER ENTIRE SEEDED AREA AT THE RATE OF 2 TONS PER ACRE (90 lbs. / 1,000 SQ. FT.) IMMEDIATELY AFTER ROLLING AND WATERING SEEDED AREAS. THE STRAW MULCH SHALL BE ANCHORED WITH WOOD FIBER MULCH AT 750 lbs PER ACRE (17 lbs. / 1,000 SQ. FT.). THE WOOD FIBER MULCH SHALL BE APPLIED THROUGH A HYDRO-SEEDER IMMEDIATELY AFTER STRAW MULCH IS INSTALLED. REMOVE ANY WIND-SWEPT MULCH PILES AS NECESSARY TO PREVENT DAMAGE TO GRASS. HAY MULCH SHALL NOT BE USED.
11. THE CONTRACTOR SHALL COMPLY WITH THE LATEST NYDEC PESTICIDE APPLICATION REGULATIONS, OR ELSE USE INTEGRATED PEST MANAGEMENT (IPM) TO AVOID PESTICIDE LEACHING INTO STORMWATER OR GROUNDWATER FROM EXCESS CHEMICAL APPLICATIONS. THE CONTRACTOR SHALL FURNISH AND INSTALL A 3" MINIMUM LAYER OF GRANULAR WEED CONTROL. GRANULAR WEED CONTROL SHALL BE APPLIED TO ALL PLANTING AREAS AND PESTICIDE TANKS SHALL BE FILLED WITHIN CONTAMINANT AREAS AWAY FROM CATCH BASINS, STORM DRAINS, SWALES, OR DRAINAGEWAYS. ANY PESTICIDES USED SHALL BEAR AN EPA FEDERAL REGISTRATION # AND SHALL BE WARRANTED FOR 5 YEARS.
12. IN LANDSCAPE BEDS OR OTHER AREAS WHERE MULCH MAY BE USED, THE CONTRACTOR SHALL INSTALL A QUALITY WOVEN LANDSCAPE FABRIC (SUCH AS ECOGARDENER 5 OZ. PRO GARDEN WEED BARRIER LANDSCAPE FABRIC OR APPROVED EQUAL) FOR WEED CONTROL BENEATH A 2"-3" LAYER OF DARK SHREDDED BARK MULCH. GO TO <https://ecogardener.com/pages/installation-guides> TO ORDER AND FOR INSTALLATION INSTRUCTIONS. ALTERNATE: THE CONTRACTOR SHALL APPLY GREEN WEED CONTROL PER MANUFACTURER'S APPLICATION INSTRUCTIONS IN PLACE OF LANDSCAPE FABRIC.
13. LIMIT SOIL PLACEMENT OVER EXISTING TREE AND SHRUB ROOTS TO A MAXIMUM OF 3 INCHES. IN EXPOSED ROOT AREAS WOOD MULCH SPREAD TO A DEPTH OF 4 INCHES SHALL BE USED TO PREVENT SOIL COMPACTION OVER THE ROOT SYSTEM.
14. TOPDRESSING AND SEEDING, HYDROSEEDING, OR SOADING SHALL TAKE PLACE WITHIN 24 HOURS OF FINAL GRADING. SEED SHALL NOT BE BROADCAST DURING CONDITIONS OF HIGH WIND OR EXCESSIVE MOISTURE.
15. FERTILIZERS SHALL BE APPLIED ONLY IN THE MINIMUM AMOUNTS REQUIRED BY THE MANUFACTURER. FERTILIZERS SHALL BE COMPLETELY WORKED INTO THE SOIL IMMEDIATELY FOLLOWING APPLICATION TO LIMIT EXPOSURE TO STORMWATER RUNOFF. FERTILIZERS SHALL BE STORED IN A COVERED SHED AND PARTIALLY USED BAGS SHALL BE TRANSFERRED TO A SECURELY-SEALED BIN TO AVOID SPILLS.
16. MOW NEWLY SEEDING AREAS FOR THE FIRST THREE (3) TIMES. AT EACH MOWING CUT TO A HEIGHT OF 2 INCHES AFTER GROWTH HAS REACHED APPROXIMATELY 4 INCHES. APPLY WEED AND FEEB AS DIRECTED ON MANUFACTURER'S APPLICATION INSTRUCTIONS AFTER THE SECOND MOWING. IN VEGETATED SMALL AREAS GRASS SHOULD BE MOVED TO MAINTAIN A GRASS BLADE HEIGHT BETWEEN 4 AND 6 INCHES.
17. IF ROOTS OF EXISTING TREES TO REMAIN NEED TO BE REMOVED TO ALLOW FOR NEW STRUCTURE, UNDERGROUND UTILITY, OR PAVEMENT INSTALLATION, A CERTIFIED TREE SURGEON SHALL PERFORM ALL SUCH WORK AND SHALL PROVIDE THE CANNOPY TO AN EQUAL PROPORTION.
18. ALL NEW LAWN AREAS SHALL HAVE A 6 INCH MINIMUM LAYER OF TOPSOIL BEFORE SEEDING.
19. ANY EXISTING TREES TO REMAIN THAT ARE KILLED DUE TO ROOT DISTURBANCE SHALL BE REPLACED IN KIND BY THE CONTRACTOR.
20. ALL NEW LAWN AREAS SHALL BE COMPLETE IN COVERAGE AND VIGOROUS IN GROWTH IN ORDER TO BE ACCEPTABLE. REPAIR, RE-SEED, AND WATER NEW LAWN AREAS AS NECESSARY UNTIL THEY REACH THE LEVEL OF FINAL ACCEPTANCE.
21. TILLING SHALL NOT BE PERFORMED WITHIN THE DRIP LINE OF EXISTING TREES TO REMAIN OR OVER EXISTING UNDERGROUND UTILITIES LESS THAN 24 INCHES BELOW GRADE.
22. REMOVE ALL STICKS, RUBBISH, STONES, AND ANY DEBRIS COLLECTED DURING RAKING, MOWING, AND LAWN ESTABLISHMENT ACTIVITIES. DISPOSE OF AT AN APPROPRIATE OFF-SITE LOCATION PER LOCAL REGULATIONS.
23. SEEDING SHOULD BE DONE AFTER AUGUST 15 AND BEFORE MAY 15. THE DESIGN ENGINEER SHALL NOT BE RESPONSIBLE FOR SEED SURVIVAL OR GRASS ESTABLISHMENT IF SEEDING OCCURS OUTSIDE OF THIS TIME FRAME.
24. ALL TOPSOIL (RE-USED ON-SITE, BROUGHT IN FROM OFF-SITE, OR MANUFACTURED) SHALL HAVE AT LEAST 6% BY WEIGHT OF FINE-TEXTURED STABLE ORGANIC MATERIAL, AND NO MORE THAN 20% WICK SOIL. SHALL NOT BE CONSIDERED TOPSOIL. ALL TOPSOIL SHALL NOT HAVE LESS THAN 20% FINE-TEXTURED MATERIAL PASSING THE NUMBER 200 SIEVE, AND NOT MORE THAN 15% CLAY. TOPSOIL MANUFACTURED OR BROUGHT IN FROM OFF-SITE THAT IS PRE-TREATED WITH SOIL STERILANTS OR HERBICIDES SHALL BE SO IDENTIFIED TO THE CONTRACTOR AND LANDSCAPE CONTRACTOR. ALL TOPSOIL SHOULD BE FREE OF STONES, TREE LIMBS, AND OTHER SOLID DEBRIS. SOIL SHOULD BE TESTED FOR SALINITY AND PH. SOIL CONTAINING MORE THAN FIVE PERCENT SODIUM SALTS OR GREATER THAN FIVE PERCENT SULFATE SALTS SHOULD NOT BE USED. MANUFACTURED TOPSOIL SHALL CONSIST OF A MIXTURE OF ORGANIC MATERIAL SUCH AS COMPOST AND MINERAL MATERIAL COMPLYING WITH THE ABOVE SPECIFICATIONS.
25. ALL TOPSOIL SHALL BE DISTRIBUTED TO A UNIFORM DEPTH AND NOT PLACED WHILE PARTIALLY FROZEN, MUDDY, OR ON FROZEN SLOPES OVER ICE, SNOW, AND STANDING WATER PUDDLES. TOPSOIL PLACED ON SLOPES GREATER THAN 5% (20:1) SHALL BE PROMPTLY FERTILIZED, SEEDDED, MULCHED, AND STABILIZED BY TRACKING WITH SUITABLE EQUIPMENT PER THE SPECIFICATIONS ABOVE.
26. ANY DEVIATION FROM ANY PLANS IN THIS DRAWING SET SHALL REQUIRE APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) AND THE TOWN OF AMHERST PLANNING AND BUILDING DEPARTMENTS, AS WELL AS THE APPROPRIATE UTILITY COMPANIES AND SERVICE PROVIDERS. ANY AND ALL CHANGES MADE WITHOUT NOTIFICATION OR APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) SHALL BE CONSIDERED UNAUTHORIZED AND THE DESIGN ENGINEER (STUDIO T3) SHALL NOT BE LIABLE FOR ANY DAMAGES, DELAYS, ADDITIONAL COSTS INCURRED, OR ANY OTHER CONSEQUENCES ARISING FROM SUCH CHANGES.
27. ANY DAMAGED PROPERTY WITHIN THE PROJECT SITE OR ADJACENT PROJECT SITES SHALL BE RESTORED IN KIND.
28. ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE INSURED AND LICENSED IN THE STATE OF NEW YORK, THE COUNTY OF ERIE, AND THE TOWN OF AMHERST.



TREE PLANTING DETAIL
SECTION A
 SCALE: 3/16" = 1'-0"
NOTES:
 1. AT NO TIME SHOULD THE TOP OF THE ROOT BALL BE BELOW GROUND LEVEL.
 2. WATERING: WATER THOROUGHLY AT PLANTING TIME, THEN EVERY DAY FOR 1 WEEK, THEN EVERY 2-3 DAYS FOR 5 WEEKS, THEN ONCE PER WEEK THEREAFTERS AS NECESSARY.



SHRUB PLANTING DETAIL
SECTION B
 SCALE: 1/4" = 1'-0"
NOTES:
 1. AT NO TIME SHOULD THE TOP OF THE ROOT BALL BE BELOW GROUND LEVEL.
 2. WATERING: WATER THOROUGHLY AT PLANTING TIME, THEN EVERY DAY FOR 1 WEEK, THEN EVERY 2-3 DAYS FOR 5 WEEKS, THEN ONCE PER WEEK THEREAFTERS AS NECESSARY.

RONALD
 MICHAEL
 TRIGILIO
 ARCHITECT

ISSUED FOR
 SITE PLAN
 REVIEW
 1/21/25

EGGERTSVILLE HOSE
 SITE IMPROVEMENTS
 1880 EGGERT ROAD
 AMHERST, NEW YORK 14226

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NO.	DESCRIPTION	DATE
Issued Schedule		

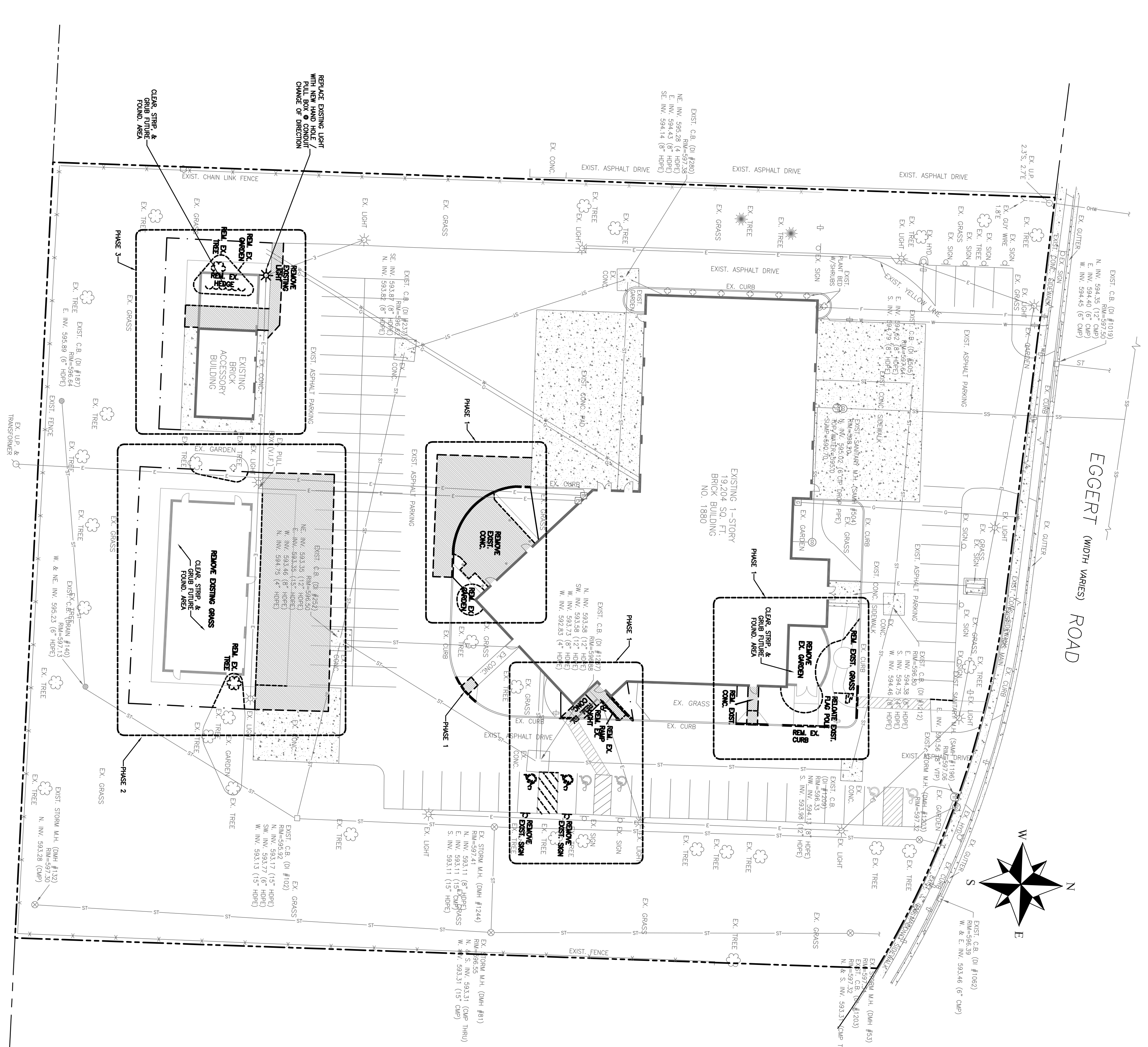
PROJECT NO: 23-194A
 DRAWN BY: RW
 CHECKED BY: AVT
 SCALE: 1" = 30'-0"

SHEET TITLE
 SITE
 LANDSCAPE
 PLAN

SHEET #
 C-4.1

DEMOLITION NOTES

1. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL NECESSARY FEES AND OBTAINING ALL NECESSARY PERMITS FOR CLEANING, SOIL EROSION PROTECTION, AND DISPOSING OF DEBRIS FROM SITE.
2. THE CONTRACTOR SHALL COORDINATE THE REMOVAL, RELOCATION, OR RE-ROUTING OF ANY UTILITIES WITH EACH RESPECTIVE UTILITY COMPANY, NOTIFY UTILITY COMPANIES OR AGENCIES AT LEAST 72 HOURS PRIOR TO THE START OF WORK.
3. THE CONTRACTOR SHALL MAINTAIN ACCESSIBLE PASSAGEWAYS FOR TRAFFIC AND PEDESTRIANS THROUGHOUT THE DURATION OF THE CONSTRUCTION.
4. THE CONTRACTOR SHALL FOLLOW ALL SOIL PREPARATION AND FOUNDATION CONSTRUCTION RECOMMENDATIONS AS STATED IN THE GEOTECHNICAL ENGINEERING REPORT BY BUFFALO DRILLING DATED 1994.
5. EXISTING PAVEMENT TO BE SAW-CUT AND REMOVED SHALL BE SAW-CUT ONLY TO THE DEPTH OF THE PAVEMENT AND NOT DEEPER TO AVOID INTERFERENCE WITH EXISTING UNDERGROUND UTILITIES. THE DESIGN ENGINEER (STUDIO T3) IS NOT RESPONSIBLE FOR ANY UTILITIES NOT SHOWN ON THE SURVEY OR ANY ACCIDENTAL RUPTURES DURING EXCAVATION OR CONSTRUCTION. THE DESIGN ENGINEER (STUDIO T3) AND THE RESPECTIVE UTILITY COMPANIES SHALL BE IMMEDIATELY NOTIFIED BY THE INSTALLATION CONTRACTOR UPON DISCOVERY OF ANY SUCH ABOVEGROUND OR UNDERGROUND UTILITIES NOT SHOWN ON THE SURVEY. WORK SHALL BE IMMEDIATELY SUSPENDED AND NOT COMMENCE UNTIL SUCH UTILITIES ARE IDENTIFIED AND THE DESIGN ENGINEER (STUDIO T3) ISSUES EITHER A WRITTEN APPROVAL OR A SIGNED REVISED PLAN.
6. THE DESIGN ENGINEER (STUDIO T3) SHALL BE IMMEDIATELY CONTACTED UPON DISCOVERY OF ANY ABOVEGROUND OR UNDERGROUND UTILITIES NOT SHOWN ON THE BEYOND SURVEY THAT ARE NOT IDENTIFIED BY THE DESIGN ENGINEER (STUDIO T3). SUCH UTILITIES SHALL BE IMMEDIATELY IDENTIFIED AND THE DESIGN ENGINEER (STUDIO T3) SHALL BE IMMEDIATELY NOTIFIED BY THE INSTALLATION CONTRACTOR UPON DISCOVERY OF ANY SUCH ABOVEGROUND OR UNDERGROUND UTILITIES NOT SHOWN ON THE SURVEY. WORK SHALL BE IMMEDIATELY SUSPENDED AND NOT COMMENCE UNTIL SUCH UTILITIES ARE IDENTIFIED AND THE DESIGN ENGINEER (STUDIO T3) ISSUES EITHER A WRITTEN APPROVAL OR A SIGNED REVISED PLAN.
7. THE CONTRACTOR SHALL REMOVE ALL VISIBLE AND PARTIALLY BURIED DEBRIS PILES FROM AREAS TO BE DEVELOPED OR GRADED AND DISPOSE OF AT AN APPROPRIATE OFF-SITE LOCATION IN COMPLIANCE WITH AUTHORITIES HAVING JURISDICTION.
8. ANY UTILITY LINES NO LONGER IN USE (EITHER SHOWN ON THIS SHEET OR DISCOVERED IN THE FIELD) SHALL BE COMPLETELY REMOVED IF THEY ARE IN CONFLICT WITH ANY NEW UTILITY OR STRUCTURE.
9. ANY CAVERTS OR TRENCHES REMAINING FROM EXCAVATED FOOTINGS, FOUNDATION WALLS, PIPELINES, BASEMENTS, AND UNDERGROUND TANKS SHALL BE BACKFILLED WITH FLOWABLE FILL TO THE FROST LINE, AND TYPE 2 CRUSHER RUN STONE (ANSI/SP 304.12) ABOVE THE FROST LINE, COMPACTED TO 95% DENSITY (IN 6" MAXIMUM LIFTS).
10. PROVIDE TEMPORARY SNOW-FENCING AROUND ALL EXISTING TREES, SHRUBS, OR LANDSCAPING TO REMAIN.
11. ALL LITTER AND DEBRIS SHALL BE SWEPT UP AND REMOVED FROM PAVED AREAS RATHER THAN HOSED INTO STORM DRAINS OR SWALES.
12. WASTE FROM DEMOLITION ACTIVITIES SHALL BE CONTAINED TO PREVENT RELEASE OF DUST AND DEBRIS BEFORE THE WASTE IS REMOVED FROM THE SITE. COLLECTED WASTE ON SITE SHALL ALSO BE STORED SUCH THAT IT PREVENTS THE RELEASE OF DUST AND DEBRIS.
13. NONE OF THE FOLLOWING SHALL BE EITHER RELEASED ON SITE, SPILLED, OR DISCHARGED TO GROUNDWATER, STREAMS, OR STORM SEWER SYSTEMS ON SITE: WASTEWATER WASTOIL FROM CONCRETE, WASTEWATER WASHOIL FROM CLEANOUT OF SLOTTED PANS, FUEL OIL RELEASE FROM DIESEL ENGINES, WASTEWATER FROM WASHING OF EQUIPMENT, FUEL OIL FROM DIESEL ENGINES, OTHER VEHICLE FLUIDS, SOAPS, SOLVENTS, DETERGENTS, OR WASTEWATER FROM CONSTRUCTION EQUIPMENT OR EXTERNAL BUILDINGS, TOXIC OR HAZARDOUS SUBSTANCE, SANITARY SEWAGE WASTEWATER.
14. THE DESIGN ENGINEER (STUDIO T3) IS NOT RESPONSIBLE FOR NOTIFYING UPFO FOR UNDERGROUND UTILITY LOCATION PRIOR TO EXCAVATION OR CONSTRUCTION. UNDERGROUND UTILITY LOCATION DETERMINATION BY HAND-DIGGING OR VACUUM EXCAVATION MAY BE NECESSARY IF DIRECTED BY RESPECTIVE UTILITY SERVICE AGENCIES. IF NECESSARY AN UNDERGROUND UTILITY SURVEY SHALL BE DONE PRIOR TO EXCAVATION AND CONSTRUCTION IN ORDER TO AVOID DELAYS RESULTING FROM INTERFERENCE WITH UN-DOCUMENTED OR UN-LOCATED BURIED UTILITIES ENCOUNTERED.
15. THE DESIGN ENGINEER (STUDIO T3) IS NOT RESPONSIBLE FOR CONSTRUCTION SITE SAFETY AND COMPLIANCE WITH THE LATEST OSHA STANDARDS OR INDUSTRIAL CODE RULE 57 DURING CONSTRUCTION.
16. THE DESIGN ENGINEER (STUDIO T3) IS NOT RESPONSIBLE FOR THE REMEDIATION OF ASBESTOS, LEAD, MERCURY, MOLD, RADON, OR RODENT AVOIDMENT PRIOR TO DEMOLITION OF EXISTING BUILDINGS.
17. EXCAVATION AND CONSTRUCTION OPERATIONS SHOULD BE SCHEDULED TO MINIMIZE THE AMOUNT OF AREA DISTURBED AT ONE TIME. BUFFER AREAS OF EXISTING VEGETATION TO BE REMOVED SHOULD BE LEFT IN PLACE AS LONG AS POSSIBLE WHERE PRACTICAL.
18. TEMPORARY SHORING AND UNDERPINNING COSTS FOR ALL EXISTING ADJACENT BUILDING FOUNDATIONS, WALL FOUNDATIONS, DECK FOUNDATIONS, OR FENCE FOUNDINGS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
19. ANY DAMAGE TO EXISTING BUILDINGS, PAVEMENT, FOUNDATIONS, WALLS, FENCES, LANDSCAPING, OR ABOVEGROUND OR BELOWGROUND UTILITIES EITHER INSIDE THE PROPERTY OR OUTSIDE THE LIMIT OF WORK / RE-GRADING LINE SHALL BE REPLACED IN KIND.
20. ANY DEVIATION FROM ANY PLANS IN THIS DRAWING SET SHALL REQUIRE APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) AND THE TOWN OF AMHERST PLANNING AND BUILDING DEPARTMENTS, AS WELL AS THE APPROPRIATE UTILITY COMPANIES AND SERVICE PROVIDERS. ANY AND ALL CHANGES MADE WITHOUT NOTIFICATION OR APPROVAL OF THE DESIGN ENGINEER (STUDIO T3) SHALL BE CONSIDERED UNAUTHORIZED AND THE DESIGN ENGINEER (STUDIO T3) SHALL NOT BE LIABLE FOR ANY DAMAGES, DELAYS, ADDITIONAL COSTS INCURRED, OR ANY OTHER CONSEQUENCES ARISING FROM SUCH CHANGES.
21. ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE INSURED AND LICENSED IN THE STATE OF NEW YORK, THE COUNTY OF ENL, AND THE TOWN OF AMHERST.



SITE DEMOLITION PLAN
SCALE: 1" = 30'-0"
0 30 60 120

LEGEND

	PROPERTY LINE
	EX. EDGE OF PAVEMENT TO REMAIN
	NEW EDGE OF PAVEMENT
	EXISTING CURB TO BE REMAIN
	EXISTING CURB TO BE REMOVED
	NEW CURB
	SAW-CUT LINE
	EXISTING PAVEMENT AREAS TO BE REMOVED
	EXISTING TREE OR SHRUB TO BE REMOVED
	EXISTING TREE OR SHRUB TO BE REMAIN

FOR OFFICIAL TOWN OF AMHERST USE

STAMP/SEAL

ISSUED FOR SITE PLAN REV. 1/21/25	ISSUED FOR CLIENT REVIEW 1/9/25

SITE DEMOLITION PLAN

studio t3
ENGINEERING PLLC
2465 Main Street, Suite 301
Buffalo, New York 14226
Phone: (716) 835-4270
Fax: (716) 835-9004

DRAWN BY: AVT
CHECKED BY: RMT
JOB # 23-1944
SHEET C-5.0

EGGERTSVILLE HOSE COMPANY
EXTERIOR SITE IMPROVEMENTS
1880 EGGERTS ROAD, AMHERST, NY 14226

THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ABOVEGROUND OR UNDERGROUND UTILITIES NOT SHOWN ON THE SURVEY. WORK SHALL BE IMMEDIATELY SUSPENDED AND NOT COMMENCE UNTIL SUCH UTILITIES ARE IDENTIFIED AND THE DESIGN ENGINEER (STUDIO T3) ISSUES EITHER A WRITTEN APPROVAL OR A SIGNED REVISED PLAN.

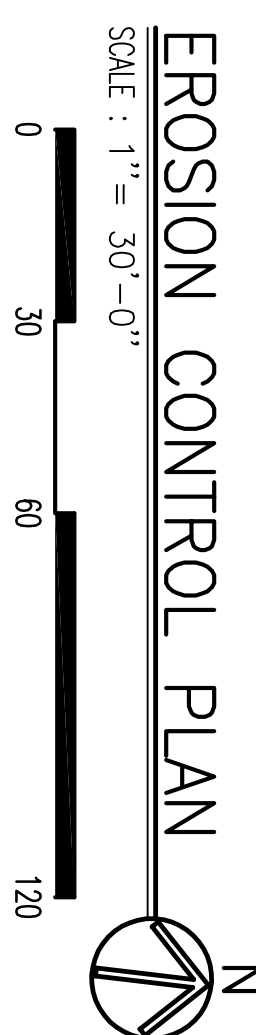
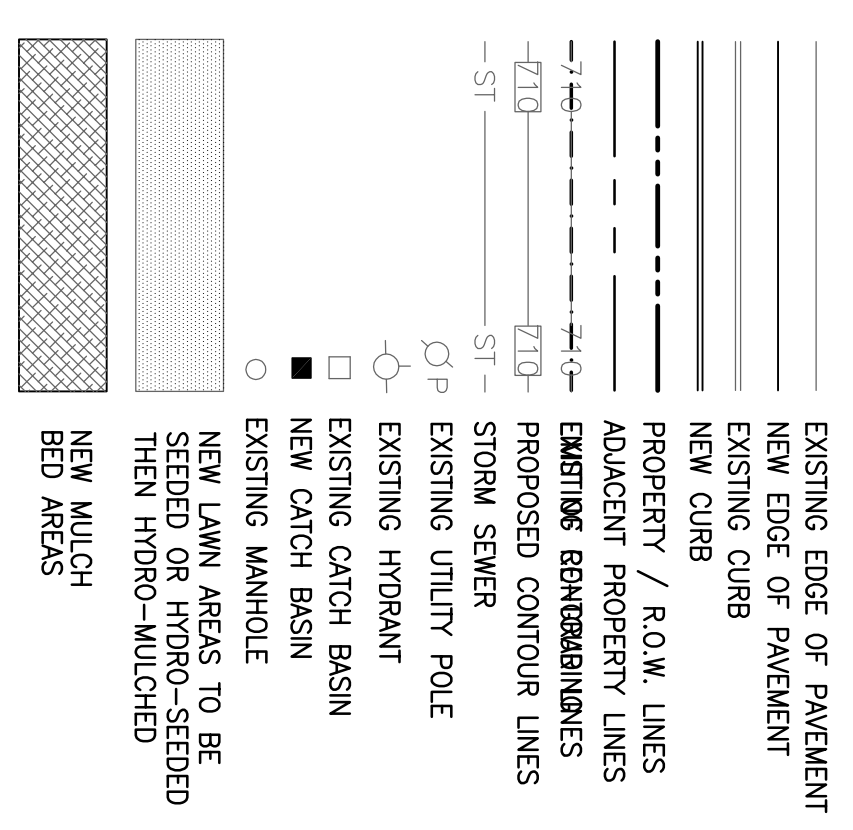
EROSION CONTROL NOTES:

1. GRADING, TOPSOILING, AND STABILIZING SECTIONS SHALL BE COMPLETED BEFORE ANY CONSTRUCTION BEGINS. IN ORDER NOT TO LEAVE ANY AREAS EXPOSED TO WIND AND RAIN EROSION FOR LONGER DURATION THAN NECESSARY.
2. ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A SECURELY LINED METAL DUMPSTER. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER ON A DAILY BASIS. ABSOLUTELY NO CONSTRUCTION MATERIALS SHALL BE BURIED ON SITE.
3. ALL VEHICLES ON SITE SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE FOR THE ENTIRE DURATION OF CONSTRUCTION. ANY PETROLEUM PRODUCTS USED SHALL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. SPILL KITS SHALL BE INCLUDED WITH ANY FUELING SOURCES AND MAINTENANCE ACTIVITIES AS NECESSARY.
4. ALL PAINT CONTAINERS OR CURING COMPOUNDS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT SHALL BE PROPERLY DISPOSED OF IN CONFORMANCE TO MANUFACTURER'S INSTRUCTIONS.
5. WHEN ACTIVITIES TEMPORARILY CEASE DURING CONSTRUCTION, SOIL STOCKPILES AND ANY EXPOSED SOILS SHALL BE STABILIZED BY MULCH OR COVERED WITH TARPS NO MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED.
6. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES SHOWN ON THIS PLAN ON A DAILY BASIS AND AFTER RAIN STORMS. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL EROSION CONTROL DEVICES AS SPECIFIED IN THIS PLAN AND ON THE EROSION CONTROL DETAILS.
7. TOPSOIL STOCKPILES SHALL NOT BLOCK DRAINAGE FLOWS DURING CONSTRUCTION. STOCKPILES SHALL NOT BE LOCATED NEAR STORM SEWERS, CATCH BASINS, OR OTHER EROSION CONTROL DEVICES. THE BASE OF ALL STOCKPILES SHALL BE PROTECTED WITH SILT FENCING, OR ELSE THE ENTIRE STOCKPILE SHALL BE COVERED WITH TARPS AND SANDBAGS.
8. THE CONTRACTOR SHALL PREVENT TRACKING OR FLOWING OF MUD INTO STREETS OR AREAS OUTSIDE OF CONSTRUCTION LOCATION.
9. ALL WATER PUMPED FROM EXCAVATIONS SHOULD BE DIRECTED TO A SEPARATE STORAGE BASIN, OR FILTRATION DEVICE SHOWN ON THE EROSION CONTROL DETAILS.
10. ALL CATCH BASIN SWIPS SHALL BE CLEANED OUT AND SOIL SEDIMENTS SHALL BE DISPOSED OF AT AN APPROPRIATE OFF-SITE LOCATION.
11. ALL CHLORINATED WATER USED FOR FLUSHING WATERLINES SHALL BE DISCHARGED TO THE SANITARY SEWER AND NEVER TO ANY STORM SEWER, CATCH BASIN, OR SHALE.
12. ALL PORTABLE TOILETS SHALL BE LOCATED AWAY FROM GUTTERS, CATCH BASINS, STORM SEWERS, AND WATERWAYS. PORTABLE TOILETS SHALL BE PLACED ON A FLAT, STABLE GROUND SURFACE NOT PRONE TO FLOODING. ALL PORTABLE TOILETS SHALL BE ANCHORED TO PREVENT BLOWING OVER DURING WINDSTORMS.
13. ANY DETERGENTS OR AOD CLEANERS WASHES USED TO CLEAN OR MAINTAIN STOCKPILES, STORM SEWERS, CATCH BASINS, OR POND, DISCHARGED TO ANY STORM SEWER, CATCH BASIN, SHALE, OR POND, SHOULD BE STORED AWAY FROM CATCH BASINS OR DRAINAGE WAYS.
14. POSSIBLE, STORE AWAY FROM CATCH BASINS OR DRAINAGE WAYS.
15. AVOID ON-SITE STORAGE OF PESTICIDES, FERTILIZERS, AND HERBICIDES. IF UNAVOIDABLE, ALL CHEMICALS SHALL BE STORED IN ORIGINAL PACKAGES IN A SEPARATELY DESIGNATED COVERED CONTAMINANT AREA.
16. USE CLEAN OR RECYCLED WATER WHEN SPRINKLING SOIL FOR DUST CONTROL.
17. TO PROTECT EXISTING LAWN OR VEGETATED AREAS FROM RUTS CAUSED BY CONSTRUCTION VEHICLES, TEMPORARY LAYOUT VEHICLE TRACK PATHS WITH PLYWOOD OR GEOTEXTER SURFACE PROTECTION INSTALLED PER MANUFACTURER'S INSTRUCTIONS (CALL 800-548-3424 TO ORDER OR DETERMINE NEAREST DISTRIBUTION).
18. UNDER NO CIRCUMSTANCES SHALL CONCRETE TRUCK WASH WATER BE ALLOWED TO BE DISCHARGED OR DUMPED ANYWHERE ON THE CONSTRUCTION SITE. ALL EXCESS CONCRETE OR WASH WATER SHALL BE DISPOSED AT AN APPROPRIATE OFF-SITE LOCATION (SUCH AS A DESIGNATED LANDFILL) AS DIRECTED BY LOCAL AUTHORITIES.
19. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC WILL IMMEDIATELY RECEIVE TEMPORARY SEEDING WITH ANNUAL OR PERENNIAL RYE GRASS AT 30 LBS. PER ACRE, FOLLOWED BY MULCHING WITH STRAW AT A RATE OF 2 TO 2½ TONS PER ACRE.
20. SECURE OPEN BAGS OF CEMENT AND KEEP CEMENT POWDER AWAY FROM STREETS, CATCH BASINS, AND SWALES. PROTECT CONSTRUCTION MATERIALS FROM RAINFALL AND RUNOFF BY STORING UNDER COVER. AVOID STORING MATERIALS NEAR CATCH BASINS, SWALES, OR STORM SEWERS.
21. ANY FERTILIZER SPILLED ONTO IMPERVIOUS SURFACES SUCH AS PARKING LOTS, ROADWAYS, AND SIDEWALKS SHALL BE IMMEDIATELY CONTAINED AND REMOVED, ELSE LEGALLY RE-APPLIED PER THE NOTES IN THE SITE LANDSCAPE PLAN.
22. NONE OF THE FOLLOWING SHALL BE EITHER RELEASED ON SITE, SPILLED, OR DISCHARGED TO GROUNDWATER, STREAMS, OR STORM SEWER SYSTEMS ON SITE: WASTEWATER WASHOUT FROM CONCRETE; WASTEWATER WASHOUT FROM CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS/FLUIDS; FUELS, OILS, AND OTHER VEHICLE FLUIDS; SOAPS, SOLVENTS, DETERGENTS, OR WASHWATER FROM CONSTRUCTION EQUIPMENT OR EXTERNAL BUILDINGS; TOXIC OR HAZARDOUS SUBSTANCES; SANITARY SEWAGE WASTEWATER.
23. ANY DAMAGED PROPERTY WITHIN THE PROJECT SITE OR ADJACENT PROJECT SITES SHALL BE RESTORED IN KIND.
24. ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE INSURED AND LICENSED IN THE STATE OF NEW YORK, THE COUNTY OF ERIE, AND THE TOWN OF AMHERST.

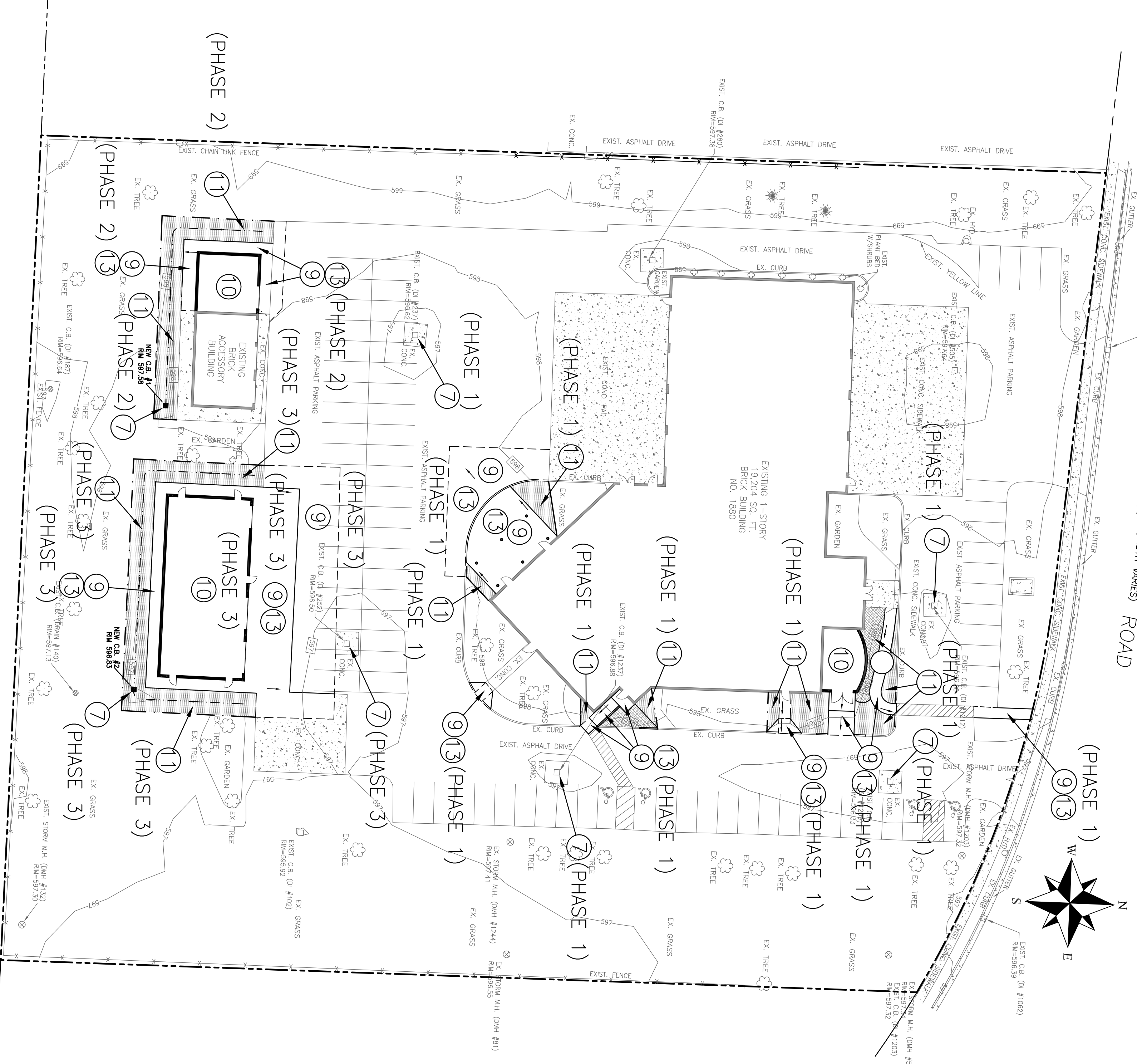
EROSION CONTROL SEQUENCE

- *** THE SEQUENCE BELOW IS INTENDED TO BE A GENERAL GUIDELINE FOR IMPLEMENTATION OF EROSION AND SEDIMENTATION PREVENTION DEVICES ONLY. SPECIFIC CONSTRUCTION PREVENTION TECHNIQUES, MEANS, METHODS, AND SCHEDULING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND OWNER.
1. OBTAIN ALL BUILDING PERMITS, INCLUDING CLEARING, STRIPPING, AND GRUBBING PERMITS.
 2. OBTAIN A DUMPSTER AND A DEBRIS DISPOSAL PERMIT AS NECESSARY.
 3. HOLD PRE-CONSTRUCTION MEETING WITH OWNER'S SITE EROSION CONTROL INSPECTOR.
 4. FLAG CLEARING LIMITS AS SHOWN ON THE SITE DEMOLITION PLAN.
 5. CLEAR, GRUB, AND STRIP THE SITE AS SHOWN ON THE SITE DEMOLITION PLAN. STOCKPILE ALL TOPSOIL AS DIRECTED ON THE EROSION CONTROL PLAN.
 6. ROUGH GRADE THE ENTIRE SITE. ESTABLISH ANY TEMPORARY STORMWATER DIVERSIONS AS NECESSARY. STABILIZE ALL DISTURBED AREAS AND MINIMIZE DISTURBANCE ACTIVITY IN EACH AREA.
 7. INSTALL ALL UTILITIES AND STRUCTURES, INCLUDING CATCH BASINS AND STORM SEWERS AS SHOWN ON THE SITE UTILITY AND DRAINAGE PLANS AND DETAILS. IMMEDIATELY INSTALL TEMPORARY CATCH BASIN INLET PROTECTION WHERE SHOWN ON THE EROSION CONTROL PLAN AS PER THE INSTALLATION INSTRUCTIONS ON THE EROSION CONTROL DETAILS.
 8. TEMPORARY TRENCH BACKFILL STOCKPILES SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION USING TARPS, IF LEFT FOR LONG PERIODS OF TIME OR DURING RAIN STORMS. MINIMAL DISTURBANCE AROUND TRENCH AREAS SHALL BE MADE TO REMOVE AS LITTLE VEGETATION AS POSSIBLE FROM THE VICINITY OF THE TRENCH.
 9. INSTALL GRAVEL SUBBASE TO ALL PROPOSED PARKING AND PAVEMENT AREAS AND COMPACT AS SHOWN IN SPECIFICATIONS ON RESPECTIVE DETAILS AS SOON AS POSSIBLE FOLLOWING ROUGH GRADING AND COMPACTATION OF SUBGRADE. IMPLEMENT DUST CONTROL MEASURES AS DIRECTED ON THE EROSION CONTROL PLAN NOTES.
 10. CONSTRUCT ALL BUILDINGS AND ACCESSORY STRUCTURES.
 11. COMPLETE FINAL GRADING AND TOPSOILING OF ENTIRE SITE. SEED OR HYDRO-SEED WITHIN 24 HOURS AFTER FINAL GRADING AND TOPSOILING. HYDRO-MULCH IMMEDIATELY FOLLOWING SEEDING OR HYDRO-SEEDING.
 12. REMOVE TEMPORARY PRE-INLET PROTECTION AFTER HYDRO-MULCHING IS COMPLETED.
 13. INSTALL ALL ASPHALT AND CONCRETE PAVEMENT WHERE SHOWN ON THE SITE LAYOUT AND DIMENSIONAL SITE PLAN AS PER THE SITE DETAILS.
 14. INSTALL REMAINING LANDSCAPING (SHRUBS, TREES, AND MULCH) WHERE SHOWN ON THE SITE LANDSCAPE PLAN AS PER THE LANDSCAPE DETAILS.
 15. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETED, AND SITE VEGETATION IS IN PLACE AND STABILIZED, REMOVE AND DISPOSE OF ANY REMAINING TEMPORARY EROSION CONTROL DEVICES AS DIRECTED IN THE MAINTENANCE INSTRUCTIONS ON EACH DEVICE'S RESPECTIVE DETAIL SHOWN ON THE EROSION CONTROL DETAILS.
 16. CLEAN AND PUMP UNDERGROUND STORMWATER DRAINAGE SYSTEMS AS DIRECTED BY MANUFACTURER.

LEGEND



EROSION CONTROL PLAN



FOR OFFICIAL TOWN OF AMHERST USE

ISSUED FOR SITE PLAN REV. 1/21/25	STAMP/SEAL
ISSUED FOR CLIENT REVIEW 1/9/25	

EROSION CONTROL PLAN

studio t3
 ENGINEERS PLLC
 2465 Main Street, Suite 301
 Buffalo, New York 14225
 Phone: (716) 833-8200
 Fax: (716) 833-9004

DRAWN BY: AMT	SHEET
CHECKED BY: RMT	C-5.1
JOB # 23-1944	

EGGERTSVILLE HOSE COMPANY
 EXTERIOR SITE IMPROVEMENTS
 1880 EGGERT ROAD, AMHERST, NY 14226

THE CONTRACTOR SHALL CONTACT THE EROSION CONTROL INSPECTOR FOR THE EROSION CONTROL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EROSION CONTROL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EROSION CONTROL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EROSION CONTROL PLAN.

HYDRO-SEED & HYDRO-MULCH

INSTALLATION INSTRUCTIONS:

- *** AREAS TO BE HYDRO-SEEDED AND HYDRO-MULCHED WITH HYDROSEEDMAY ARE SHOWN ON THE EROSION CONTROL PLAN. THE CONTRACTOR SHALL CONTACT HYDROSEED (800) 345-1755 TO ORDER, AND FOR A LIST OF CERTIFIED HYDROMULCH APPLICATION CONTRACTORS.
- 1. TILL AREAS OF INSTALLATION TO A 4 INCH MINIMUM DEPTH, THEN LIME AND FERTILIZER TO SOIL (IF REQUIRED) AT 400 LB PER ACRE. 24 HOURS AFTER LIME AND FERTILIZER IS APPLIED, HYDRO-SEEDING AND HYDRO-MULCHING SHALL BE APPLIED TO SMOOTH, COMPACTED, OR UN-ROUSHEDED TOPSOIL SURFACES.
- 2. HYDRO-SEED GRASS AS PER SEED VENDOR'S INSTRUCTIONS.
- 3. APPLY HYDRO-MULCH TO COVER THE GRASS SEED. PER HYDROMULCH SPECIFICATIONS IMMEDIATELY FOLLOWING SEEDING. APPLY AT 2,000 LB PER ACRE MINIMUM FOR SLOPES 3:1 AND FLATTER. APPLY HYDROSEEDMAY QUOTE PLUS AT 3,000 LB PER ACRE MINIMUM FOR SLOPES 4:1 AND FLATTER. HYDROSEEDMAY QUOTE PLUS AT 4,500 LB PER ACRE MINIMUM FOR SLOPES BETWEEN 1:1 AND 2:1.
- 5. HYDROMULCH SHOULD BE APPLIED AT LEAST 8 HOURS PRIOR TO RAINFALL EVENTS.

HYDRO-SEED & HYDRO-MULCH

MAINTENANCE INSTRUCTIONS:

- 1. THE SLOPE SHALL BE MONITORED DAILY FOR EROSION, ESPECIALLY AFTER RAIN STORMS. RE-APPLICATION SHALL BE REQUIRED WHEREVER ACCEPTABLE GERMINATION IS NOT OBTAINED.
- 2. KEEP HYDRO-SEEDED AND HYDRO-MULCHES AREAS MOIST BY DAILY APPLICATION OF WATER THROUGHOUT THE SEEDING PERIOD. WATERING SHOULD BE GERMINATED, OR AS RECOMMENDED BY THE SEED VENDOR.
- 3. THE ABOVE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 4. THE GRASS SHOULD NOT BE MOWED UNTIL IT HAS REACHED A MATURE STAGE. ONLY THE TOP THIRD OF EACH GRASS BLADE TO ENSURE SURVIVAL.

HYDROMULCH INSTALLATION

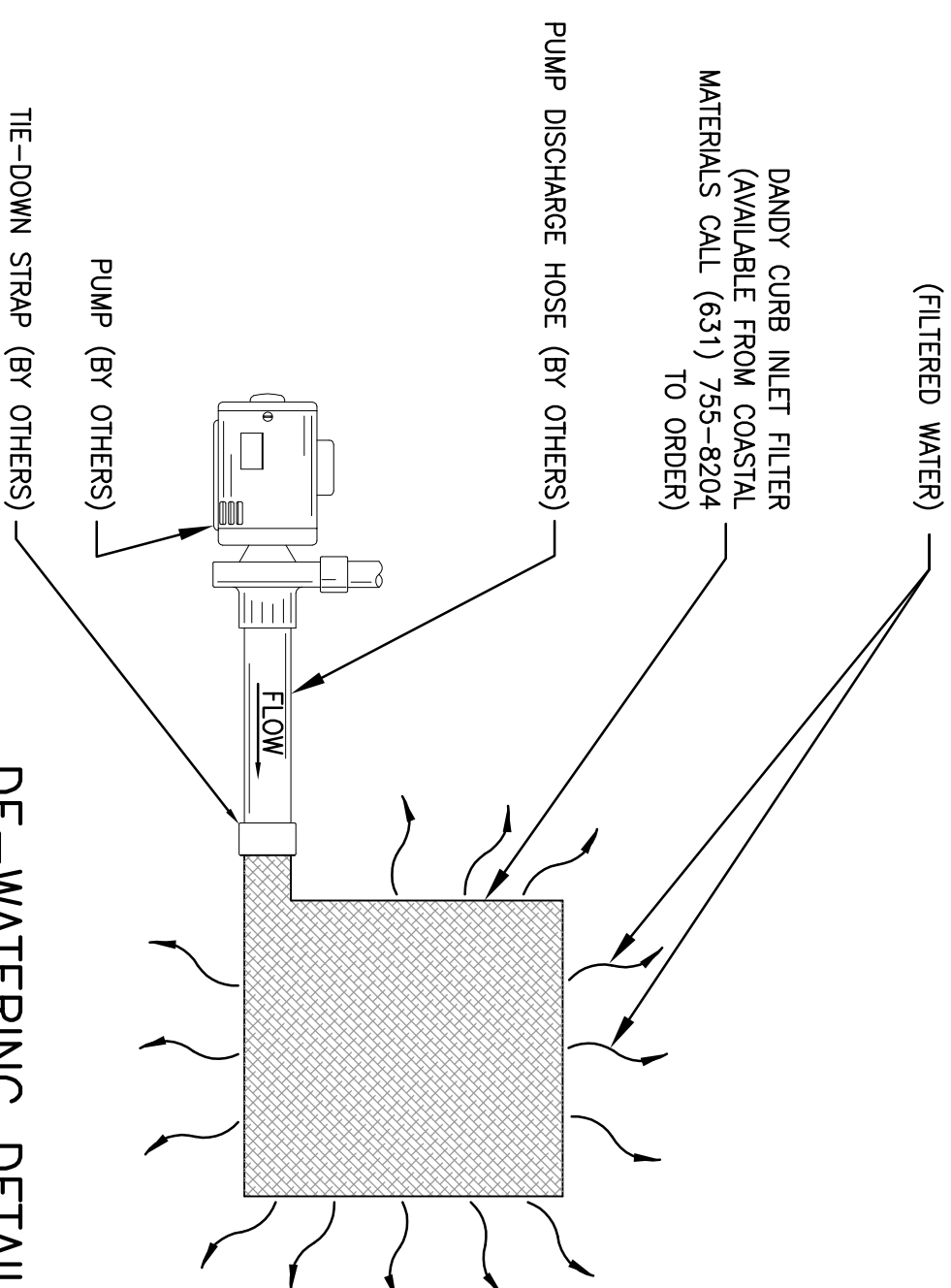
SCALE: N.T.S.

A

DE-WATERING DETAIL

SCALE: 1/2" = 1'-0"

B

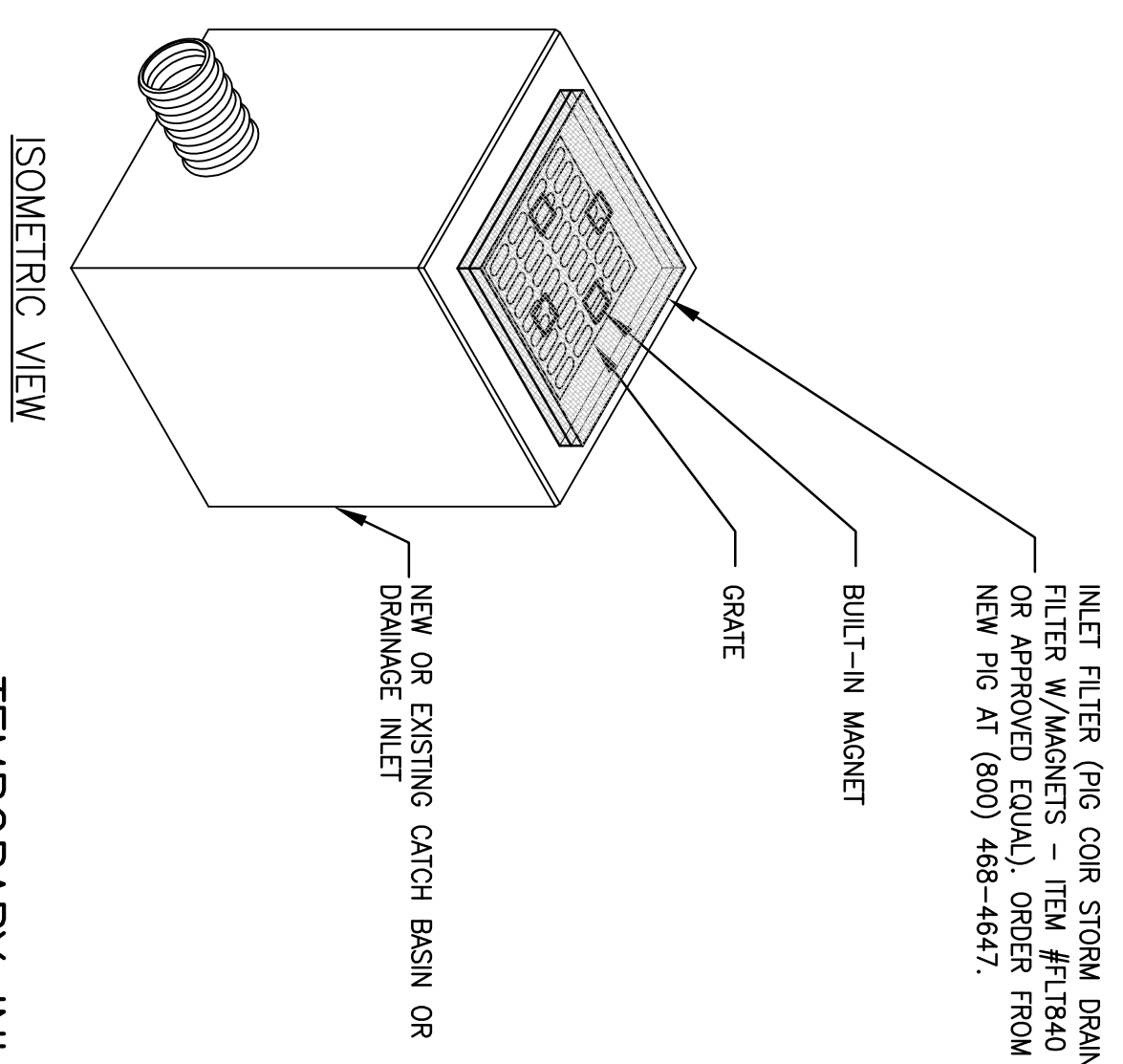


INSTALLATION INSTRUCTIONS:

- ****USE THIS DEVICE TO FILTER ANY GROUNDWATER OR RAIN WATER PUMPED FROM TRENCHES OR EXCAVATIONS TO BE DE-WATERED.
- 1. PLACE EMPTY DANDY BAG OVER THE GRATE AS THE GRATE STANDS ON END.
- 2. IF USING OPTIONAL OIL ABSORBENTS, PLACE ABSORBENT PILLOW IN POUCH ON BOTTOM OF UNIT AND ATTACH PILLOW TO TETHER LOOP.
- 3. HOLDING THE LIFTING DEVICE (DO NOT RELY ON LIFTING DEVICE TO SUPPORT ENTIRE WEIGHT OF GRATE), PLACE THE GRATE INTO ITS FRAME.

MAINTENANCE INSTRUCTIONS:

- 1. REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM THE SURFACE AND VICINITY OF THE UNIT AFTER EACH RAINFALL EVENT.
- 2. REMOVE ACCUMULATED SEDIMENT WITHIN THE BAG AS NEEDED.
- 3. IF USING OPTIONAL OIL ABSORBENTS, REMOVE AND SATURATE.



TEMPORARY INLET PROTECTION DETAIL

SCALE: 1/2" = 1'-0"

C

INSTALLATION INSTRUCTIONS:

- 1. PREPARE SURFACE BY SWEEPING AWAY ANY DIRT OR DEBRIS FROM GRATE SURFACE TO ENSURE GOOD CONTACT BETWEEN MAGNETS AND GRATE.
- 2. CENTER FILTER ON GRATE TO ENSURE FILTER WILL CONTACT THE GRATE. THERE SHOULD BE APPROXIMATELY 3 INCHES OVERLAP ON EACH SIDE.
- 3. LOWER FILTER INTO PLACE AND PUSH FILTER WITH HAND OR FOOT TO CHECK MAGNETIC CONNECTION. REMOVE, ADJUST, AND RE-SET AS NECESSARY.

MAINTENANCE INSTRUCTIONS:

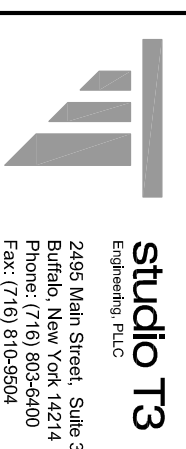
- 1. INSPECT MONTHLY OR AFTER EVERY HALF INCH OF RAINFALL.
- 2. USE A SHOVEL OR BROOM TO REMOVE DIRT AND SEDIMENT FROM AROUND THE EDGE OF THE DRAIN.
- 3. IN CASE OF FLOODING, OVERFLOW PORT IS PRE-CUT ON 3 SIDES, AND CAN BE REMOVED AT EROSION CONTROL INSPECTOR'S DISCRETION.
- 4. WHEN CONSTRUCTION IS COMPLETE, ALL DRY SEDIMENT AND DEBRIS AROUND THE FILTER SHOULD BE SWEEPED AND / OR VACUUMED PRIOR TO REMOVING THE FILTER.
- 5. WHEN THE SITE IS STABILIZED TO PREVENT EROSION AND SEDIMENTATION, REMOVE AND RE-USE FILTER ON NEXT CONSTRUCTION SITE.
- 6. AFTER 3 TO 4 CONSTRUCTION SITE USAGES, SHOULD THE FILTER BEGIN TO DISINTEGRATE IT SHOULD BE DISCARDED BY CUTTING AND REMOVING MAGNETS AND THEN PLACING IN FUTURE LAWN OR LANDSCAPE AREAS AS MULCH (FILTER IS BIODEGRADABLE).

FOR OFFICIAL TOWN OF AMHERST USE

EROSION CONTROL DETAILS

ISSUED FOR SITE PLAN REV. 1/21/25	✓
ISSUED FOR CLIENT REVIEW 1/9/25	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓

STAMP/SEAL



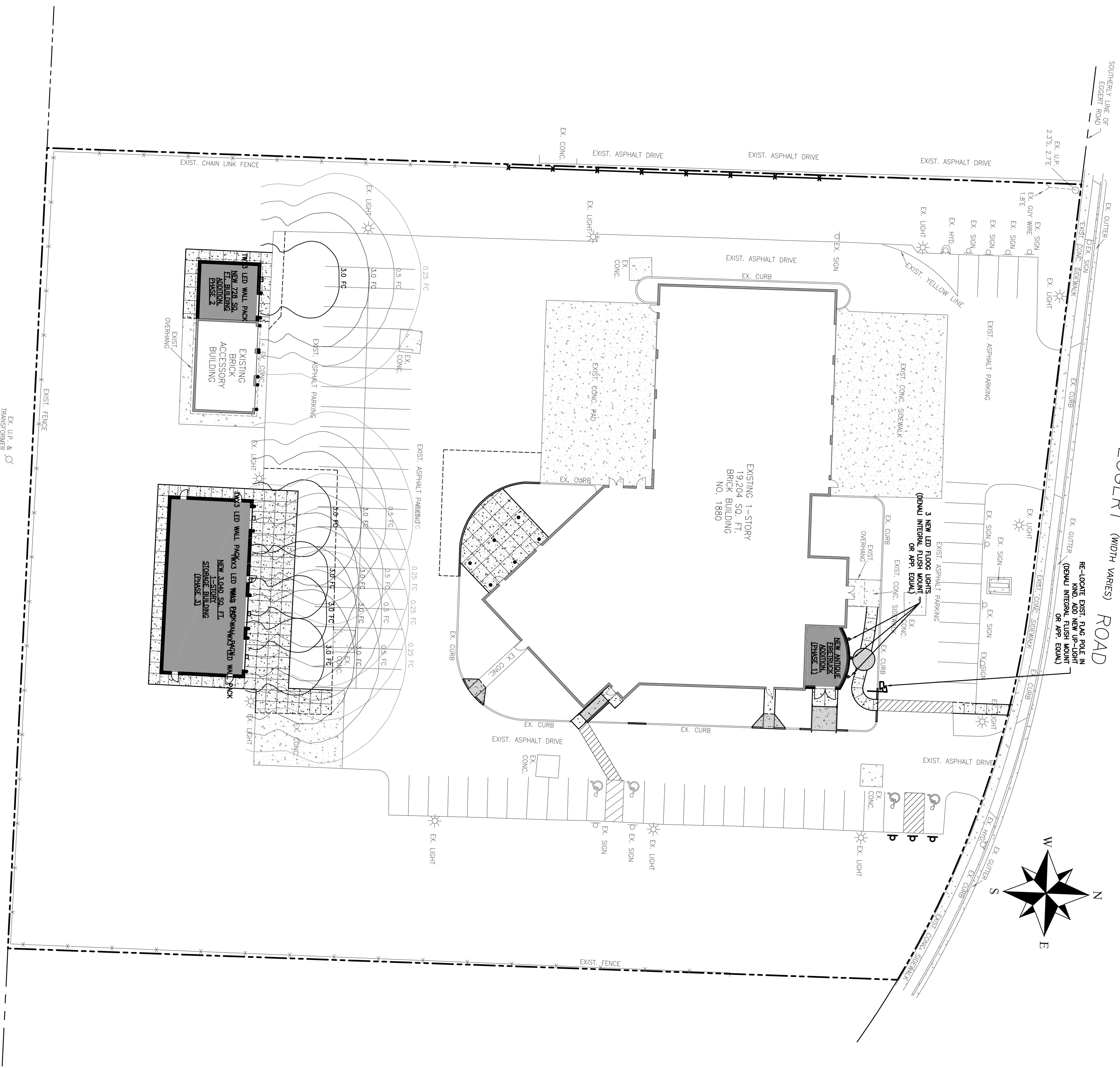
studio T3
 Registered Professional Engineer
 2465 Main Street, Suite 301
 Buffalo, New York 14226
 Tel: (716) 810-9500
 Fax: (716) 810-9504

DRAWN BY: AMT
 CHECKED BY: RMT
 SHEET C-5.2
 JOB # 23-194A

EGGERTSVILLE HOSE COMPANY
 EXTERIOR SITE IMPROVEMENTS
 1880 EGGERT ROAD, AMHERST, NY 14226

THE CONTRACTOR SHALL CONTACT THE DESIGNER TO OBTAIN THE EROSION CONTROL PLAN. THE DESIGNER SHALL PROVIDE THE FINAL SET OF EROSION CONTROL PLAN TO THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF AMHERST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF AMHERST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE TOWN OF AMHERST.

EGGERT ROAD (WIDTH VARIES)



PHOTOMETRIC LIGHTING PLAN
 SCALE: 1" = 30'-0"
 0 30 60 120

WARNING: IT IS A VIOLATION OF SECTION 2209, SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER, TO ALTER IN ANY MANNER PLANS, SPECIFICATIONS, OR REPORTS TO WHICH THE SEAL OF A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER HAS BEEN APPLIED.

THE CONTRACTOR SHALL CONTACT THE DESIGNER TO DISCUSS THE SITE AND THE FINAL SET OF DESIGN PLANS IS TO BE SUBMITTED TO THE TOWN OF AMHERST FOR REVIEW. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE TOWN OF AMHERST. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE TOWN OF AMHERST. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE TOWN OF AMHERST.

EGGERTSVILLE HOSE COMPANY EXTERIOR SITE IMPROVEMENTS 1880 EGGERT ROAD, AMHERST, NY 14226

FOR OFFICIAL TOWN OF AMHERST USE

PHOTOMETRIC LIGHTING PLAN

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 CHECKED BY: RMT
 SHEET C-6.0
 JOB # 23-194A

NO.	DATE	DESCRIPTION
1	1/21/25	ISSUED FOR SITE PLAN REVIEW
2	1/23/25	ISSUED FOR CLIENT REVIEW
3		
4		
5		
6		
7		
8		
9		
10		

