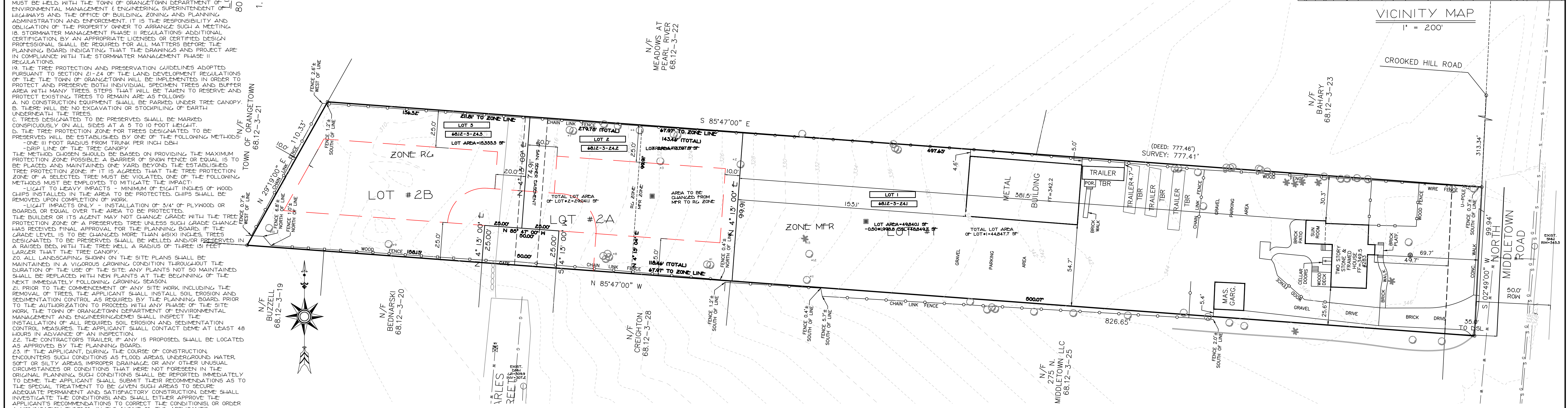


TAX MAP SECTION 68.12 BLOCK 3 LOT 24

- NOTES:
 1. THIS IS A SUBDIVISION OF LOT 6812-3-24 AS SHOWN ON THE TOWN OF ORANGETOWN TAX MAP.
 2. AREA OF PARCEL: 80,151 SF = 1.84 ACRES TOTAL
 3. NUMBER OF LOTS: EXISTING - 1, PROPOSED - 3 LOTS
 4. OWNER:
 285 NMR, LLC
 PO BOX 662
 ORANGETOWN, NY 10962
 5. APPLICANT: SHANE
 6. ZONE: RG & MFR
 7. IRON PINS TO BE INSTALLED AT ALL LOCATIONS WITH SYMBOL:
 8. TAX LOT 6812-3-24 DENOTES TAX LOT DESIGNATION. SECTION BLOCK & LOT.
 9. BENCHMARK-ORANGETOWN SEWER MANHOLE AS-BUILT.
 10. NO BUILDING PERMIT WILL BE ISSUED UNTIL SEWAGE DISPOSAL ARRANGEMENTS HAVE BEEN APPROVED BY THE ROCKLAND COUNTY HEALTH DEPARTMENT AND/OR THE TOWN OF ORANGETOWN.
 11. ANY EXISTING UTILITIES POLES, FIRE HYDRANTS, ETC) AFFECTED BY THE CONSTRUCTION OF THE SUBDIVISION WILL BE RELOCATED AT THE DEVELOPERS EXPENSE PRIOR TO ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY.
 12. NO BUILDING PERMIT WILL BE ISSUED FOR ANY LOT UNTIL RESULTS OF TEST PITS HAVE BEEN SUBMITTED TO THE BUILDING DEPARTMENT.
 13. WATER SUPPLY: VECILIA WATER.
 14. SOIL EROSION & SEDIMENT CONTROL PLANS & DETAILS SHALL BE SUBMITTED TO THE TOWN OF ORANGETOWN ENGINEERING DEPARTMENT OF ENVIRONMENTAL MANAGEMENT & ENGINEERING FOR REVIEW AND APPROVAL. THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL MEET THE NYS GUIDELINES FOR URBAN EROSION & SEDIMENT CONTROL.
 15. TOWN OF ORANGETOWN HIGHWAY DEPARTMENT PERMIT IS REQUIRED FOR ACCESS TO HARING AVENUE.
 16. SIDEWALKS AND CURBS SHALL BE INSTALLED IN ACCORDANCE WITH THE HIGHWAY DEPARTMENT SPECIFICATIONS FOR SIDEWALKS AND CURBS.
 17. AT LEAST ONE WEEK PRIOR TO COMMENCEMENT OF ANY WORK, INCLUDING THE INSTALLATION OF EROSION CONTROL DEVICES OR THE REMOVAL OF TREES AND VEGETATION, A PRE-CONSTRUCTION MEETING MUST BE HELD WITH THE TOWN OF ORANGETOWN DEPARTMENT OF ENVIRONMENTAL MANAGEMENT & ENGINEERING, SUPERINTENDENT OF HIGHWAYS AND THE OFFICE OF BUILDING, ZONING AND PLANNING ADMINISTRATION AND ENFORCEMENT. IT IS THE RESPONSIBILITY AND OBLIGATION OF THE PROPERTY OWNER TO ARRANGE SUCH A MEETING.
 18. STORMWATER MANAGEMENT PHASE II REGULATIONS: ADDITIONAL CERTIFICATION BY AN APPROPRIATE LICENSED OR CERTIFIED DESIGN PROFESSIONAL SHALL BE REQUIRED FOR ALL MATTERS BEFORE THE PLANNING BOARD INDICATING THAT THE DRAWINGS AND PROJECT ARE IN COMPLIANCE WITH THE STORMWATER MANAGEMENT PHASE II REGULATIONS.
 19. THE TREE PROTECTION AND PRESERVATION GUIDELINES ADOPTED PURSUANT TO SECTION 21-24 OF THE LAND DEVELOPMENT REGULATIONS OF THE TOWN OF ORANGETOWN WILL BE IMPLEMENTED IN ORDER TO PROTECT AND PRESERVE BOTH INDIVIDUAL SPECIMEN TREES AND BUFFER AREA WITH MANY TREES. STEPS THAT WILL BE TAKEN TO RESERVE AND PROTECT EXISTING TREES TO REMAIN ARE AS FOLLOWS:
 A. NO CONSTRUCTION EQUIPMENT SHALL BE PARKED UNDER TREE CANOPY.
 B. THERE WILL BE NO EXCAVATION OR STOCKPILING OF EARTH UNDERNEATH THE TREES.
 C. TREES DESIGNATED TO BE PRESERVED SHALL BE MARKED CONSPICUOUSLY ON ALL SIDES AT A 5 TO 10 FOOT HEIGHT.
 D. THE TREE PROTECTION ZONE FOR TREES DESIGNATED TO BE PRESERVED WILL BE ESTABLISHED BY ONE OF THE FOLLOWING METHODS:
 - ONE (1) FOOT RADIUS FROM TRUNK PER INCH DBH
 - DRIP LINE OF THE TREE CANOPY
 THE METHOD CHOSEN SHOULD BE BASED ON PROVIDING THE MAXIMUM PROTECTION ZONE POSSIBLE. A BARRIER OF SNOW FENCE OR EQUAL IS TO BE PLACED AND MAINTAINED ONE YARD BEYOND THE ESTABLISHED TREE PROTECTION ZONE. IF IT IS AGREED THAT THE TREE PROTECTION ZONE OF A SELECTED TREE MUST BE VIOLATED, ONE OF THE FOLLOWING METHODS MUST BE EMPLOYED TO MITIGATE THE IMPACT:
 - LIGHT TO LEAVY IMPACTS - INSTALLATION OF 5/4" OF PLYWOOD OR BOARDS OR EQUAL OVER THE AREA TO BE PROTECTED.
 - THE BUILDER OR ITS AGENT MAY NOT CHANGE GRADE WITH THE TREE PROTECTION ZONE OF A PRESERVED TREE UNLESS SUCH GRADE CHANGE HAS RECEIVED FINAL APPROVAL FOR THE PLANNING BOARD. IF THE GRADE LEVEL IS TO BE CHANGED MORE THAN SIX (6) INCHES, TREES DESIGNATED TO BE PRESERVED SHALL BE KILLED AND/OR PRESERVED IN A RAISED BED WITH THE TREE WELL. THE RADIUS OF THE BED MUST BE LARGER THAN THE TREE CANOPY.
 20. ALL LANDSCAPING SHOWN ON THE SITE PLANS SHALL BE MAINTAINED IN VIGOROUS GROWING CONDITION THROUGHOUT THE DURATION OF THE USE OF THE SITE. ANY PLANTS NOT SO MAINTAINED SHALL BE REPLACED WITH NEW PLANTS AT THE BEGINNING OF THE NEXT IMMEDIATELY FOLLOWING GROWING SEASON.
 21. PRIOR TO THE COMMENCEMENT OF ANY SITE WORK, INCLUDING THE REMOVAL OF TREES, THE APPLICANT SHALL INSTALL SOIL EROSION AND SEDIMENTATION CONTROL AS REQUIRED BY THE PLANNING BOARD. PRIOR TO THE AUTHORIZATION TO PROCEED WITH ANY PHASE OF THE SITE WORK, THE TOWN OF ORANGETOWN DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND ENGINEERING (DEME) SHALL INSPECT THE INSTALLATION OF ALL REQUIRED SOIL EROSION AND SEDIMENTATION CONTROL MEASURES. THE APPLICANT SHALL CONTACT DEME AT LEAST 48 HOURS IN ADVANCE OF AN INSPECTION.
 22. THE CONTRACTORS TRAILER, IF ANY IS PROPOSED, SHALL BE LOCATED AS APPROVED BY THE PLANNING BOARD.
 23. IF THE APPLICANT, DURING THE COURSE OF CONSTRUCTION, ENCOUNTERS SUCH CONDITIONS AS FLOOD AREAS, UNDERGROUND WATER, SOFT OR SILTY AREAS, IMPROPER DRAINAGE OR ANY OTHER UNUSUAL CIRCUMSTANCES OR CONDITIONS THAT WERE NOT FORESEEN IN THE ORIGINAL PLANNING, SUCH CONDITIONS SHALL BE REPORTED IMMEDIATELY TO DEME. THE APPLICANT SHALL SUBMIT THEIR RECOMMENDATIONS AS TO THE SPECIAL TREATMENT TO BE GIVEN SUCH AREAS TO SECURE ADEQUATE PERMANENT AND SATISFACTORY CONSTRUCTION. DEME SHALL INVESTIGATE THE CONDITIONS AND SHALL EITHER APPROVE THE APPLICANT'S RECOMMENDATIONS TO CORRECT THE CONDITIONS, OR ORDER A MODIFICATION THEREOF. IN THE EVENT OF THE APPLICANT'S DISAGREEMENT WITH THE DECISION OF DEME OR IN THE EVENT OF A SIGNIFICANT CHANGE RESULTING TO THE SUBDIVISION PLAN OR SITE PLAN OR ANY CHANGE THAT INVOLVES A WETLANDS REGULATED AREA, THE MATTER SHALL BE DECIDED BY THE AGENCY WITH JURISDICTION IN THAT AREA (WETLANDS IS ARMY CORP. OF ENGINEERS).
 24. PERMANENT VEGETATION COVER OF DISTURBED AREAS SHALL BE ESTABLISHED ON THE SITE WITHIN THIRTY(30) DAYS OF THE COMPLETION OF CONSTRUCTION.
 25. PRIOR (AT LEAST 14 DAYS) TO THE PLACING OF ANY ROAD SUB-BASE, THE APPLICANT SHALL PROVIDE THE TOWN OF ORANGETOWN SUPERINTENDENT OF HIGHWAYS AND DEME WITH A PLAN AND PROFILE OF THE GRADED ROAD TO BE PAVED IN ORDER THAT THESE DEPARTMENTS MAY REVIEW THE DRAWINGS CONFORMANCE TO THE APPROVED CONSTRUCTION PLANS AND THE TOWN STREET SPECIFICATIONS.
 26. THE PLANNING BOARD SHALL RETAIN JURISDICTION OVER LIGHTING, LANDSCAPING, SIGNS AND REFUSE CONTROL.
 27. DISTRICTS:
 FIRE: PEARL RIVER
 SCHOOL: PEARL RIVER SCHOOL DISTRICT
 WATER: VECILIA WATER
 SEWER: TOWN OF ORANGETOWN
 AMBULANCE: SOUTH ORANGETOWN
 LIGHTING: TOWN OF ORANGETOWN
 28. ALL ROOF LEADERS TO BE DISCHARGED TO THE DRYWELLS.
 29. AREA OF DISTURBANCE-30,000 SF.
 30. NO WATER SUPPLY IMPROVEMENTS ARE NECESSARY.
 31. ELEVATION DATUM IS TOWN OF ORANGETOWN SEWER DATUM.
 32. LOT DRAINAGE SHOWN SHALL CONSTITUTE EASEMENTS RUNNING WITH THE LAND & SHALL NOT BE DISTURBED.
 33. ALL UTILITIES, INCLUDING ELECTRIC & TELEPHONE SERVICE SHALL BE INSTALLED UNDERGROUND.
 34. THIS PLAN DOES NOT CONFLICT WITH THE COUNTY OFFICIAL MAP & HAS BEEN APPROVED IN THE MANNER SPECIFIED BY SECTION 259 N OF THE GENERAL MUNICIPAL LAW OF THE STATE OF NEW YORK.
 35. ENGINEER'S CERTIFICATION OF THE DRYWELL INSTALLATION IS REQUIRED. DEPTH TO GROUNDWATER MUST BE VERIFIED DURING CONSTRUCTION.
 36. AN ENGINEER WILL CERTIFY THE AS-BUILT CONSTRUCTION IS IN CONFORMANCE WITH THE APPROVED DESIGN AND DRAINAGE PATTERN.
 37. SHOULD THE EXISTING STRUCTURE ON LOT #1 BE DEMOLISHED AND A NEW STRUCTURE BE BUILT, THEN THE APPLICANT OR FUTURE APPLICANT SHALL APPEAR BEFORE THE ORANGETOWN BOARDS FOR SITE PLAN REVIEW AND ANY OTHER AGENCIES OR BOARDS REQUIRED FOR REVIEW AND APPROVAL PRIOR TO GRANTING ANY BUILDING PERMITS FOR UNDERTAKING OF SUCH WORK.
 38. THE PLANS ARE IN FULL COMPLIANCE WITH THE STORMWATER MANAGEMENT PHASE II REGULATIONS.
 39. THE TOWN OF ORANGETOWN SEWER INSPECTOR SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY AND ALL CONSTRUCTION RELATING TO THE PROPOSED SANITARY MAIN EXTENSION/HOUSE CONNECTIONS.
 40. CERTIFICATE OF OCCUPANCY SHALL NOT BE REQUESTED FROM THE TOWN OF ORANGETOWN BUILDING DEPARTMENT UNTIL RESULTS OF INFILTRATION AND EXFILTRATION TESTS FOR SANITARY SEWERS ARE CERTIFIED BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER AND APPROVED BY THE DIRECTOR DIVISION OF SEWERS. IF PUBLIC SEWERS ARE AVAILABLE WITHIN THE REQUIRED DISTANCE, A LETTER FROM THE TOWN OF ORANGETOWN BUILDING DEPARTMENT INDICATING THAT A CONNECTION MAY BE MADE.
 41. ROCKLAND COUNTY DEPARTMENT OF HEALTH (RCDOH) APPROVAL IS LIMITED TO 5 YEARS AND SHALL EXPIRE 5 YEARS FROM THE DATE OF RCDOH APPROVAL. TIME EXTENSIONS MAY BE GRANTED BY THE RCDOH BASED UPON DEVELOPMENT FACTS AND THE REALTY SUBDIVISION REGULATIONS IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.

BULK REGULATIONS - ZONE RG/MFR GROUP: Q/U											
	LOT AREA (SF)	STREET FRONTAGE (FT)	LOT WIDTH (FT)	FRONT YARD (FT)	SIDE YARD (FT)	BOTH SIDE YARDS (FT)	REAR YARD (FT)	ACC. STRUCT. SIDE YARD (FT)	MAX BLDG HT	MAX F.A.R.	MAX COV.
REQUIRED RG	10,000	50	75	25	10	30	25	5	1'4"/FT F/Y	0.30	NA
REQUIRED MFR	40,000	100.0	150.0	50.0	50.0	100.0	50.0	NA	25'	0.40	50.0
PROVIDED LOT 1	48,847.7	99.9**	99.9	49.7**	25.6**	55.9**	381.5	NA	<25'	??	91.8**
PROVIDED LOT 2	13,707.8	50.0	118.5	25.0	10.0	30.0	25.0	NA	1'2"/FT F/Y	0.30	NA
PROVIDED LOT 3	15,333.3	50.0	175.8	25.0	10.0	30.0	25.0	NA	1'2"/FT F/Y	0.30	NA

- ** PRE-EXISTING CONDITION
 * VARIANCE REQUIRED
 (1) USE VARIANCE REQUIRED FOR LOT 2 PER SECTION 5.12
 (2) LOT 1 IS AN EXISTING 2-FAMILY DWELLING



DATE	REVISIONS
DESIGNED PG	CHECKED PG
DRAWN PG	APPROVED PG

27. DISTRICTS:
 FIRE: PEARL RIVER
 SCHOOL: PEARL RIVER SCHOOL DISTRICT
 WATER: VECILIA WATER
 SEWER: TOWN OF ORANGETOWN
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OWNER: 285 NMR, LLC DATE: _____
 ROCKLAND COUNTY DRAINAGE AGENCY / DATE: _____

APPROVED FOR FILING

 CHAIRMAN, PLANNING BOARD DATE: _____
 OWNER DATE: _____
 ROCKLAND COUNTY DRAINAGE AGENCY / DATE: _____

* I HEREBY CERTIFY THAT THIS SUBDIVISION PLAN HAS BEEN PREPARED BY ME AND WAS MADE FROM AN ACCURATE SURVEY COMPLETED BY ME ON NOVEMBER 17, 2023.

STATE OF NEW YORK
 ANTHONY R. CELENTANO
 LICENSED PROFESSIONAL ENGINEER
 LIC. 50633
 31 ROSMAN ROAD
 THIELLS, NY 10984
 845-429-5290

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PAUL GDANSKI, P.E.
 LICENSED PROFESSIONAL ENGINEER
 LIC. 07586

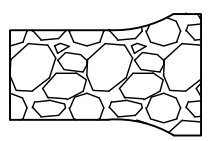

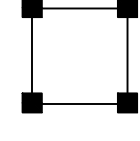

MAJOR SUBDIVISION FOR TAX LOT 6812-3-24
TARNOWSKI SUBDIVISION
 HAMLET OF PEARL RIVER
 TOWN OF ORANGETOWN
 ROCKLAND COUNTY, NEW YORK

PAUL GDANSKI P.E., PLLC
 635 WOODMONT LANE
 SLOATSBURG, N.Y. 10974
 TEL: (917) 418-0999

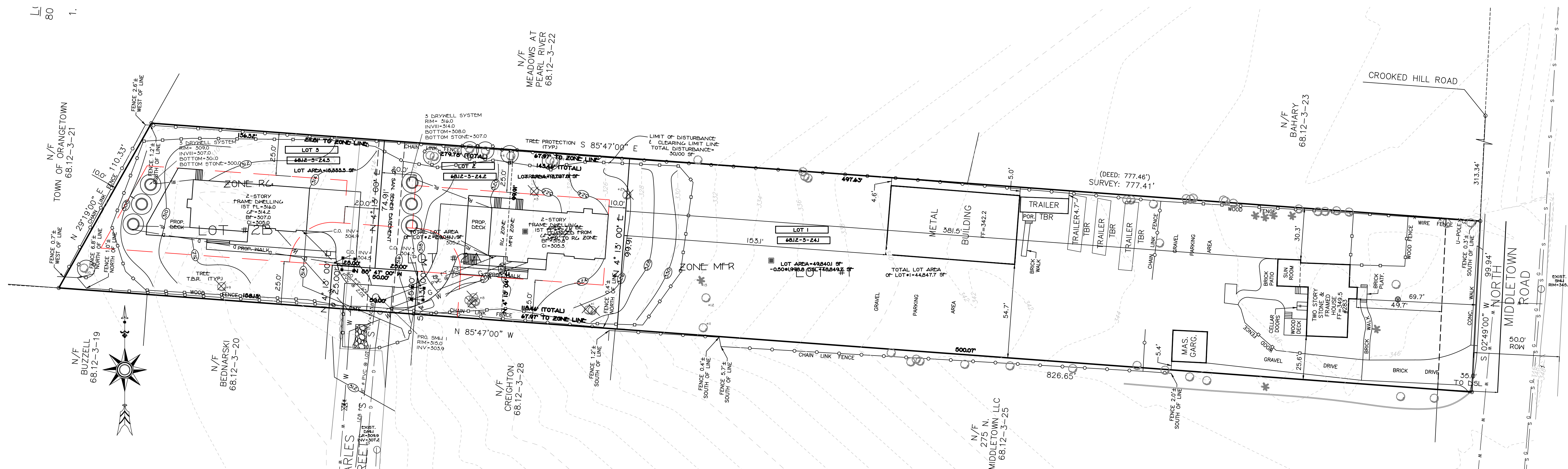
SCALE: 1" = 30'
 GRAPHIC SCALE (IN FEET)
 1 inch = 30' ft.

NOV. 20, 2023
 1 OF 4

LEGEND FOR EROSION CONTROL DURING CONSTRUCTION

- STAB. CONSTRUCTION ENTRANCE 
- SILT FENCE 
- INLET PROTECTION 
- CURB INLET PROTECTION 

LI 80 1.



DATE	REVISIONS
DESIGNED PG	CHECKED PG
DRAWN PG	APPROVED PG

SOIL EROSION PLAN
MAJOR SUBDIVISION
FOR
TAX LOT 68.12-3-24
TARNOWSKI SUBDIVISION
HAMLET OF PEARL RIVER
TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK

PAUL GDANSKI P.E., PLLC FILE # 285MID

633 WOODMONT LANE
SLOATSBURG, N.Y. 10974
TEL: (917) 418-0999

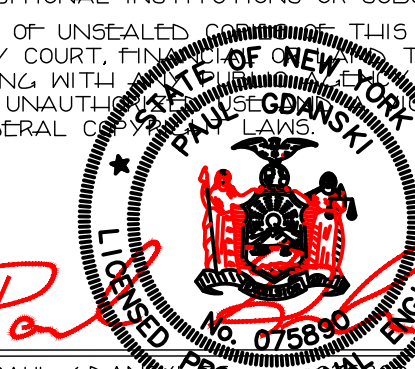
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DWS #: 3 OF 5

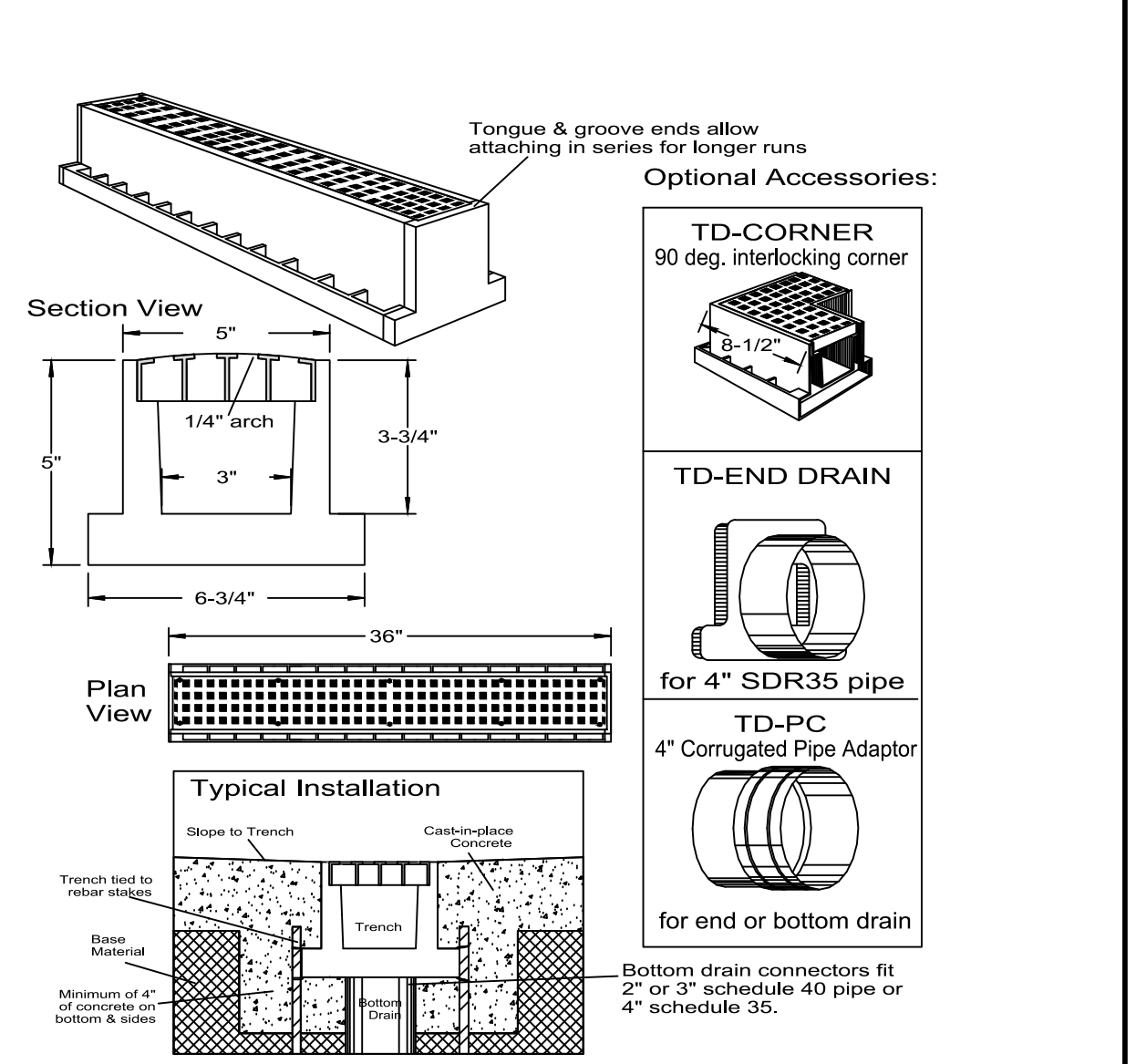
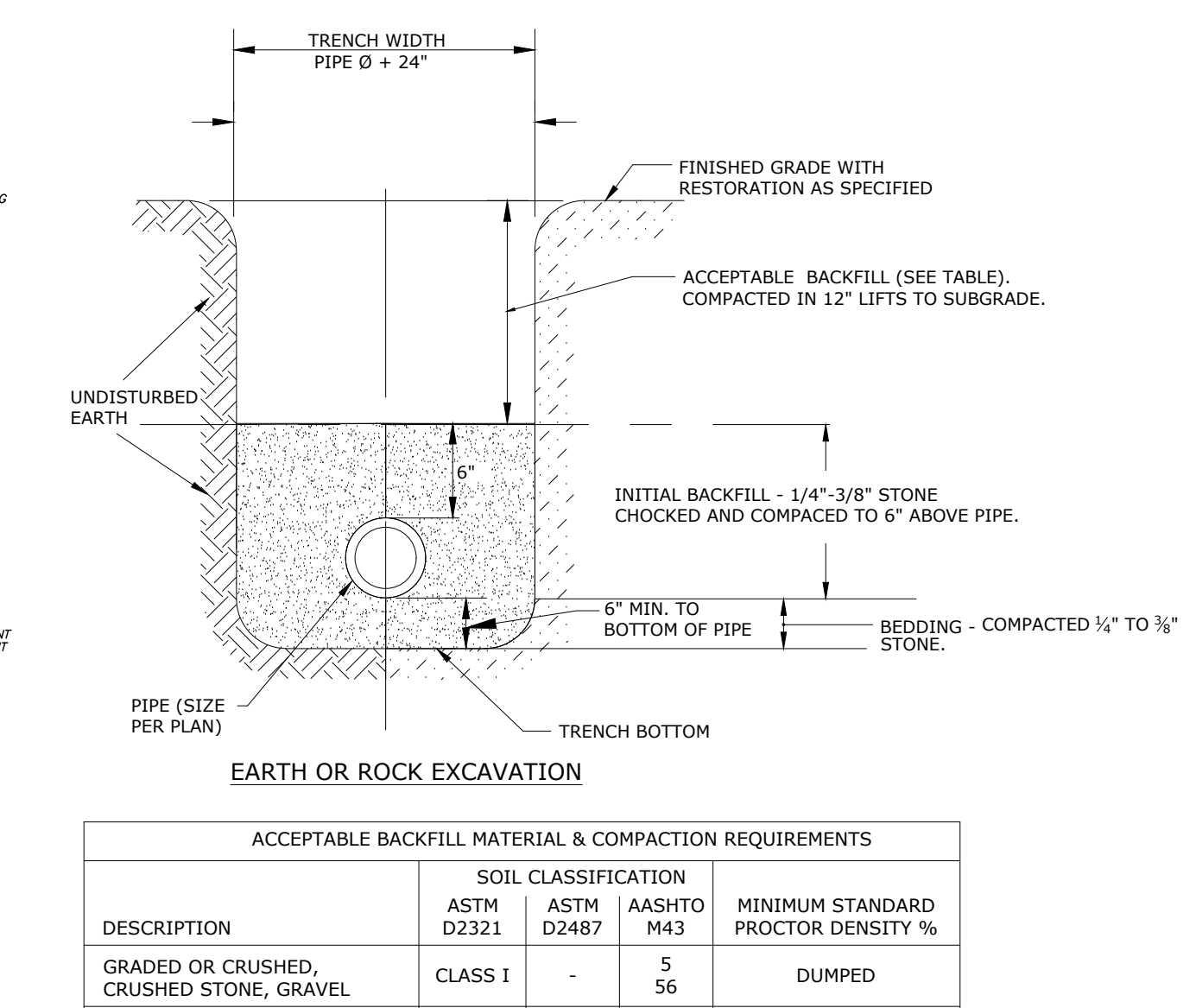
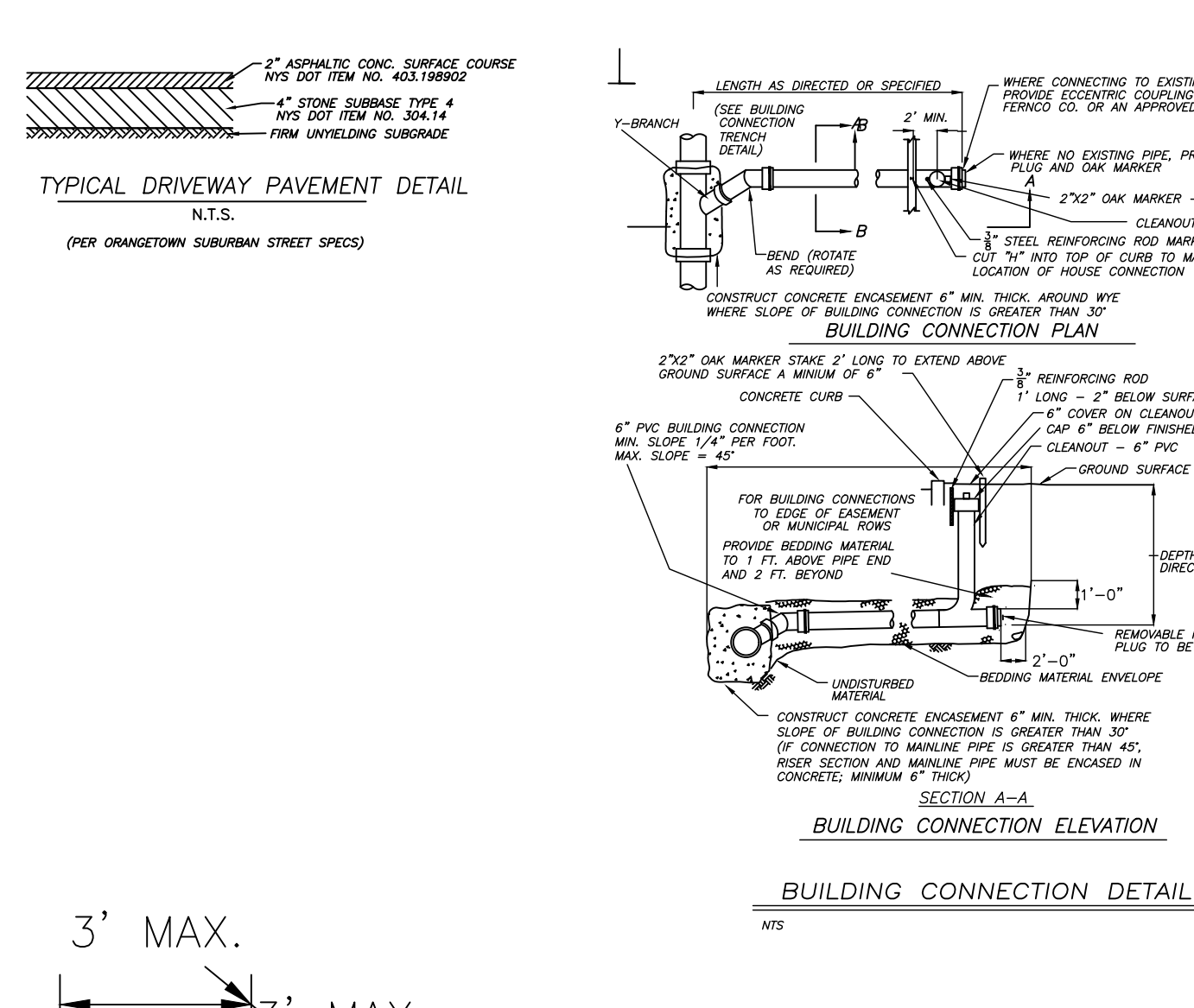
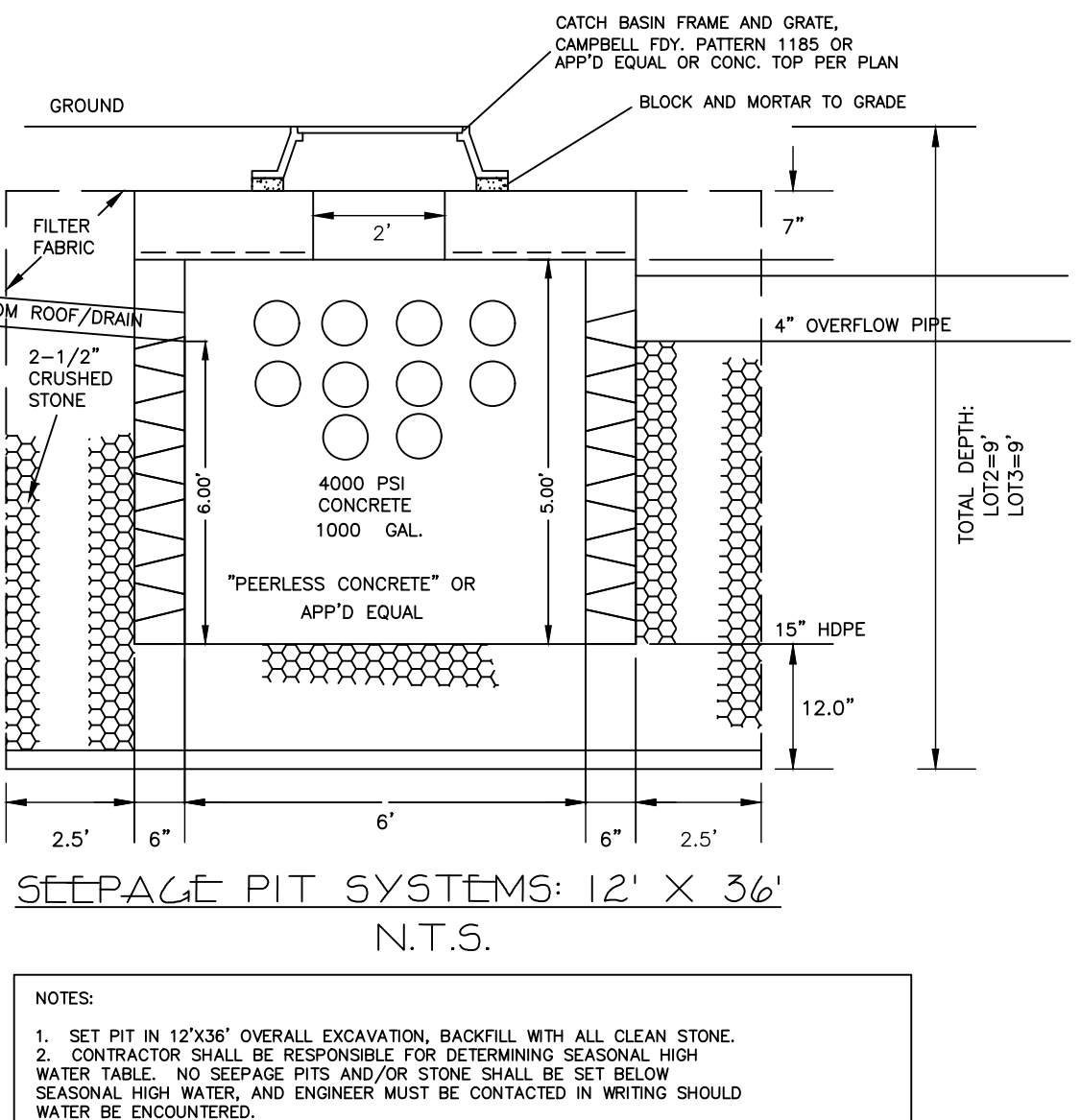
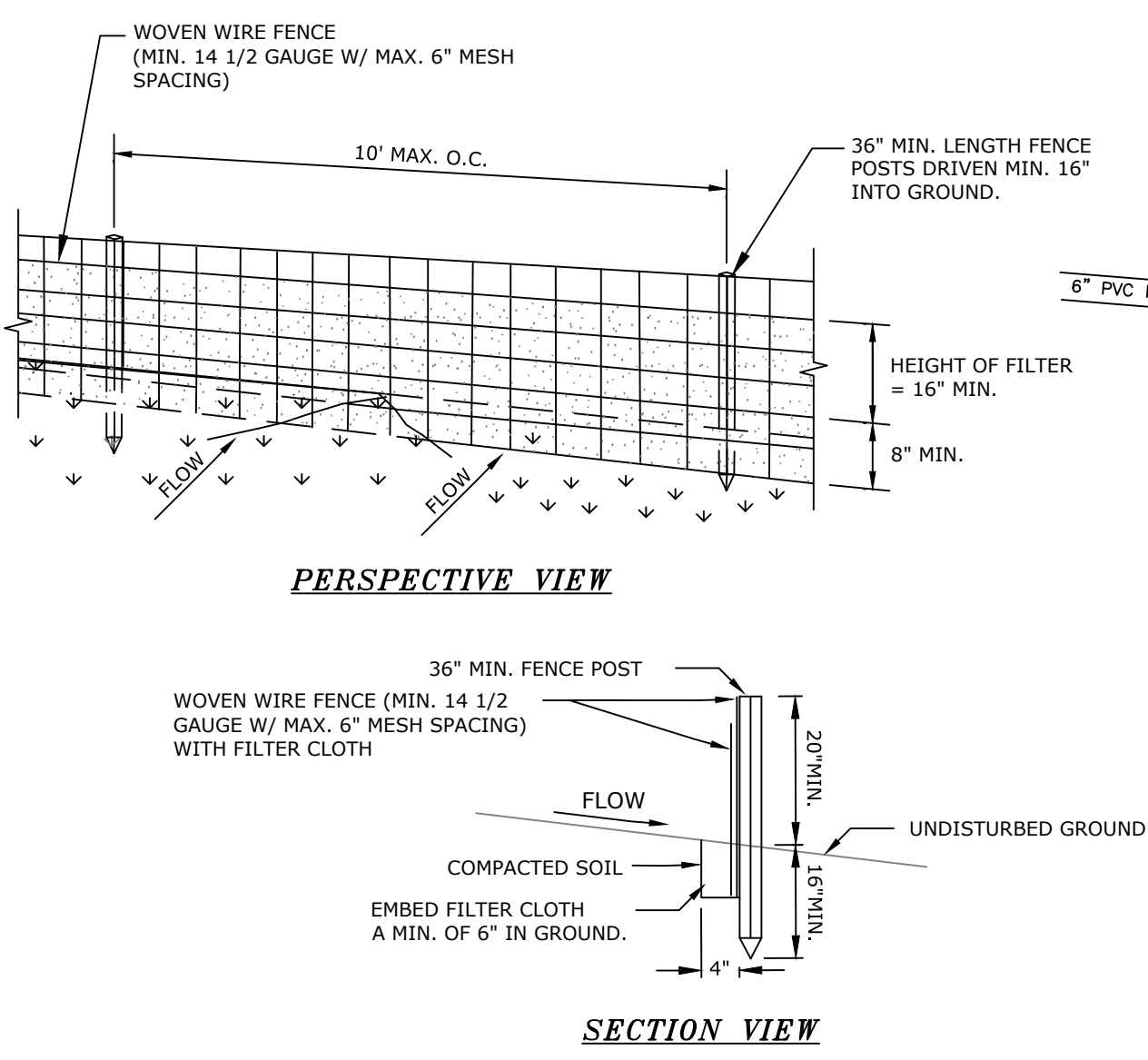
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(IN FEET)
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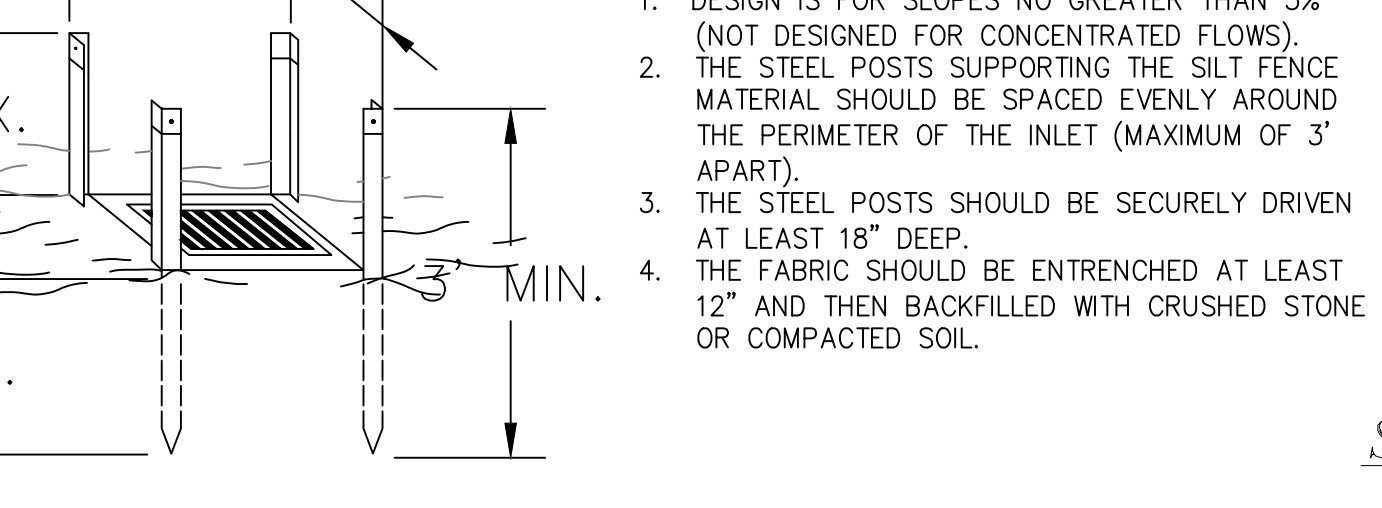
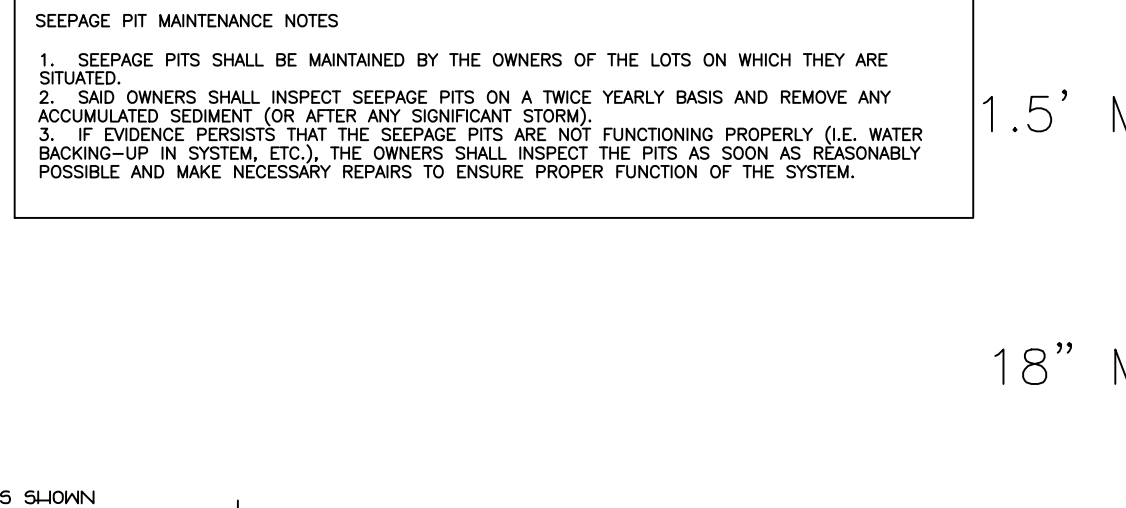
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PAUL GDANSKI
PROFESSIONAL ENGINEER



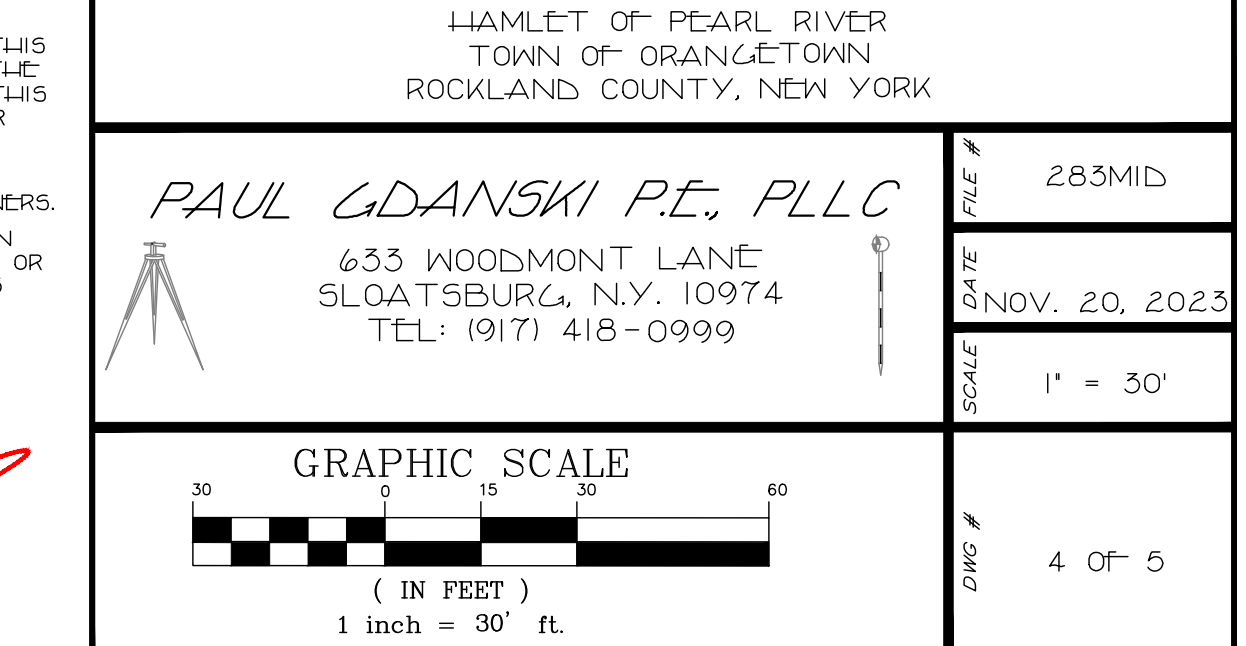
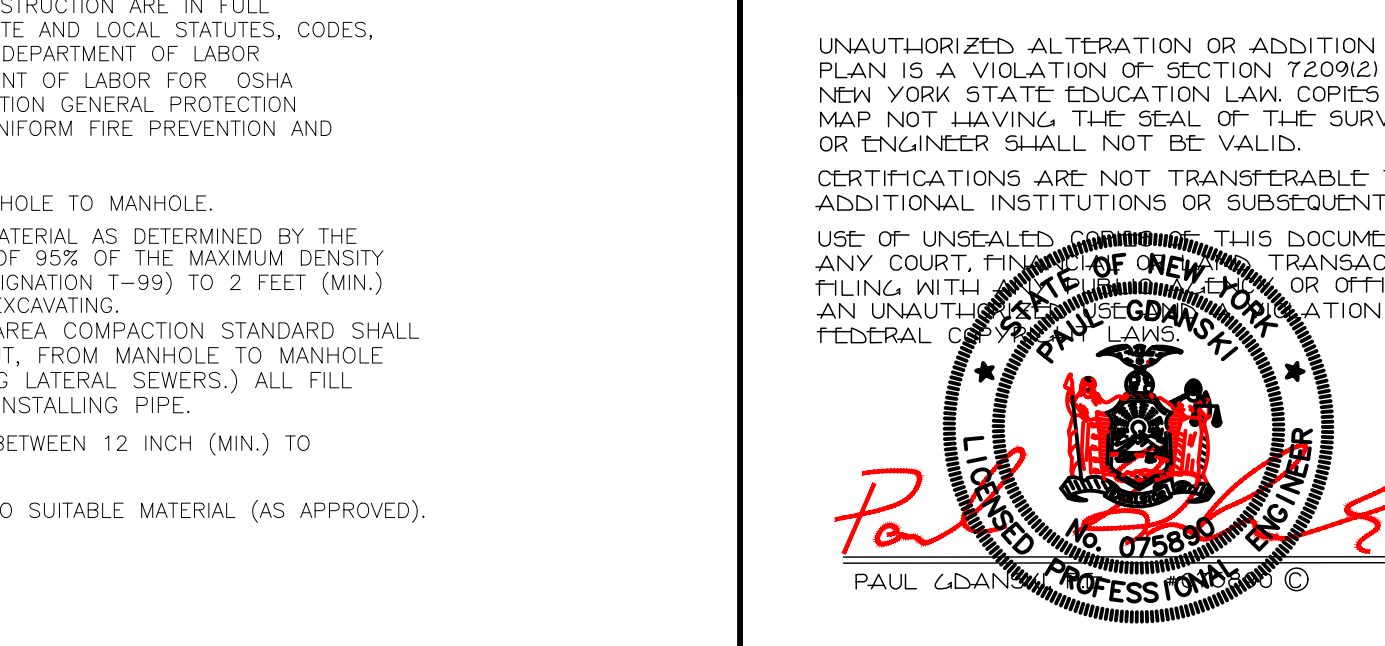
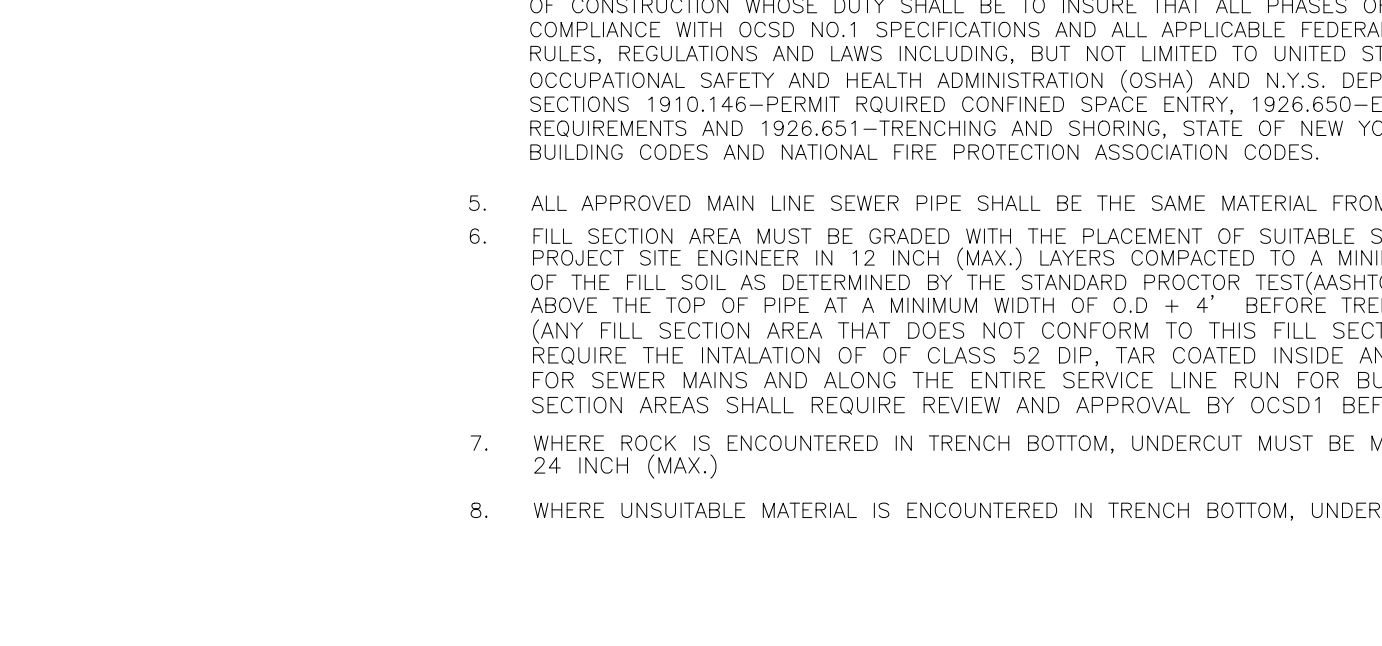
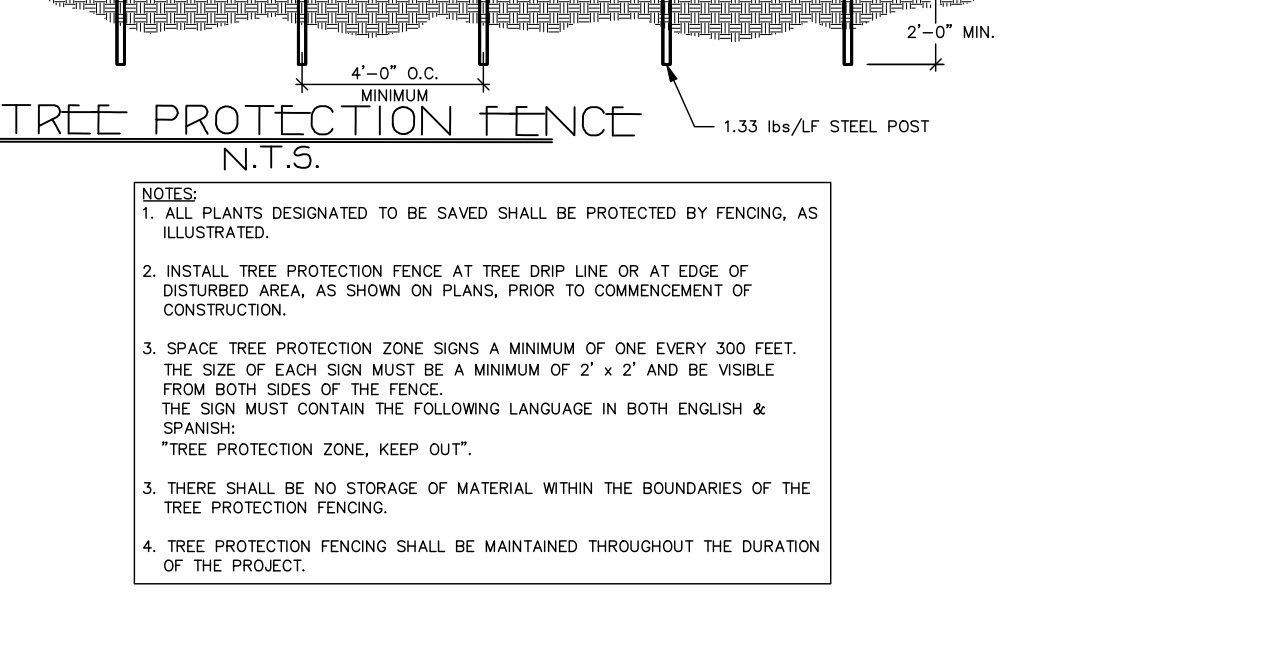
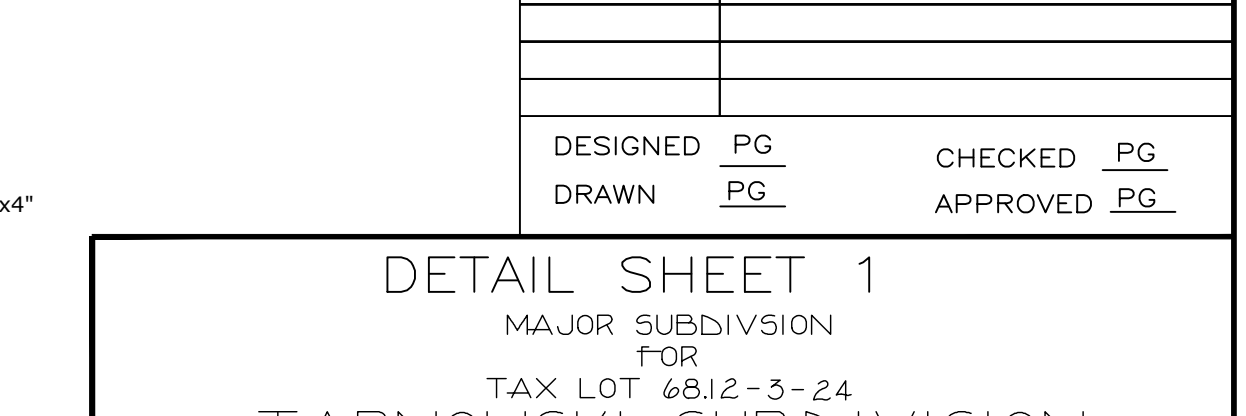
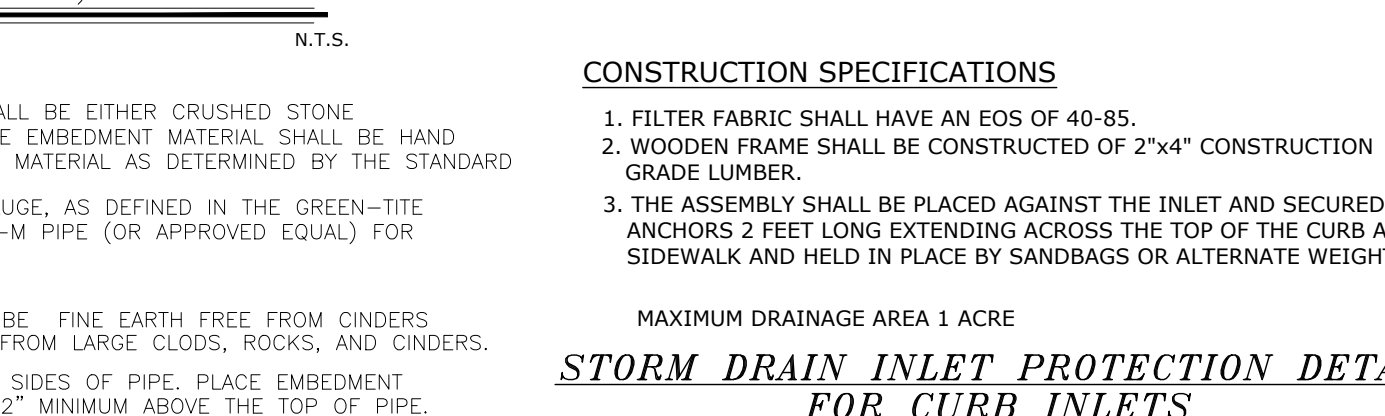
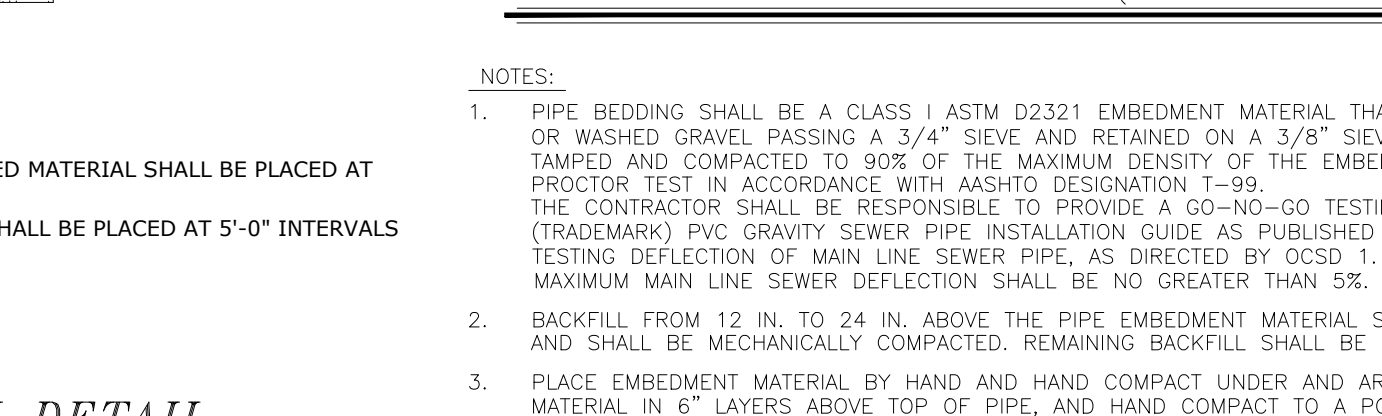
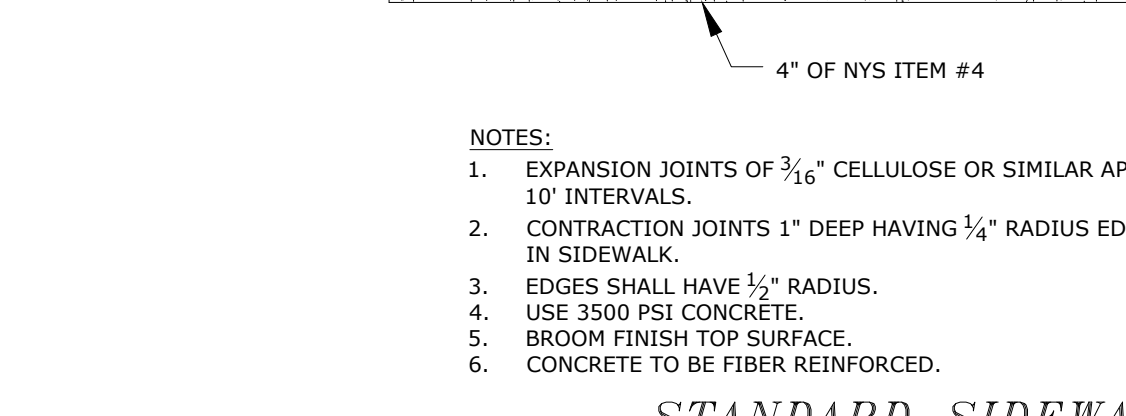
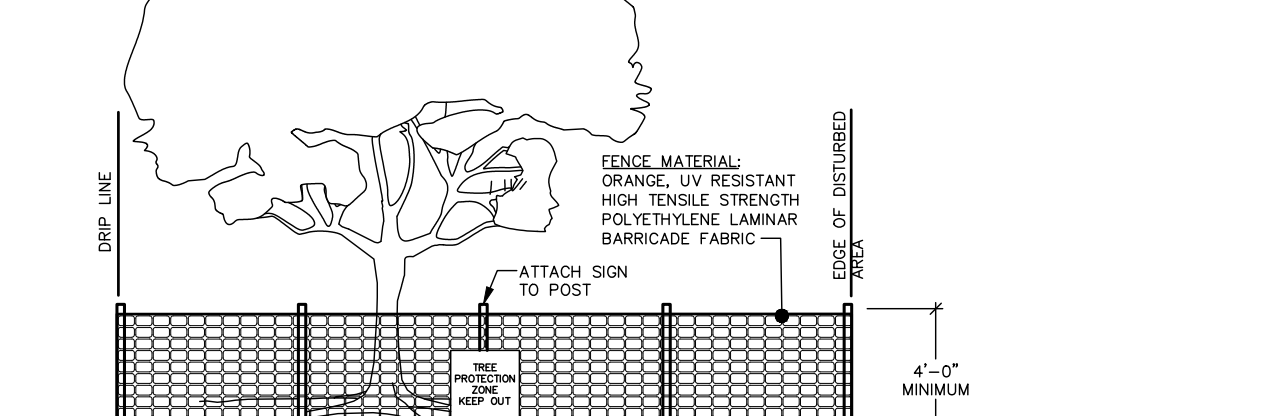
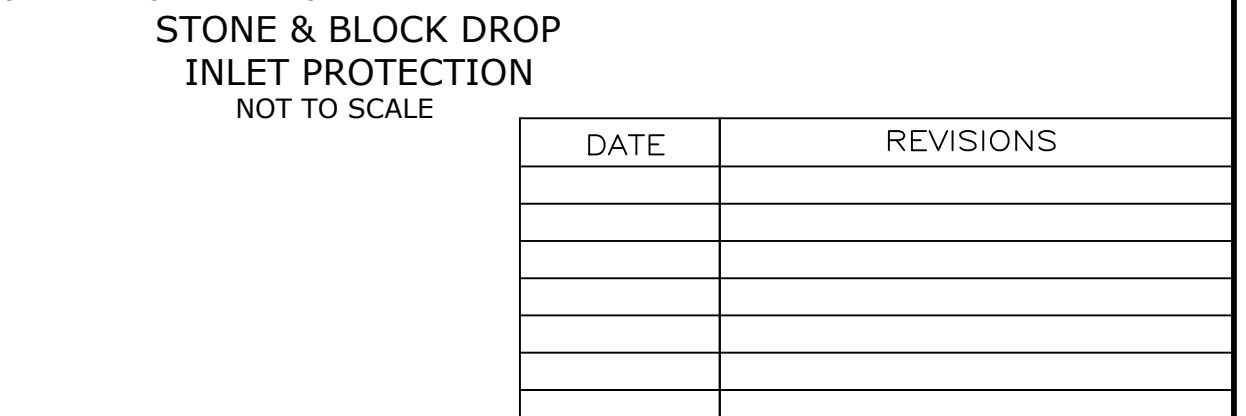
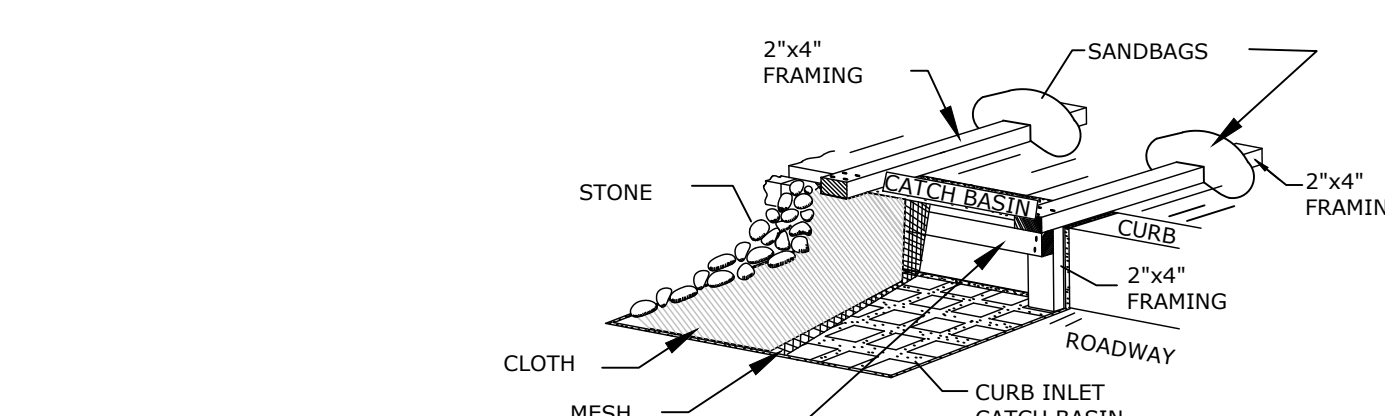
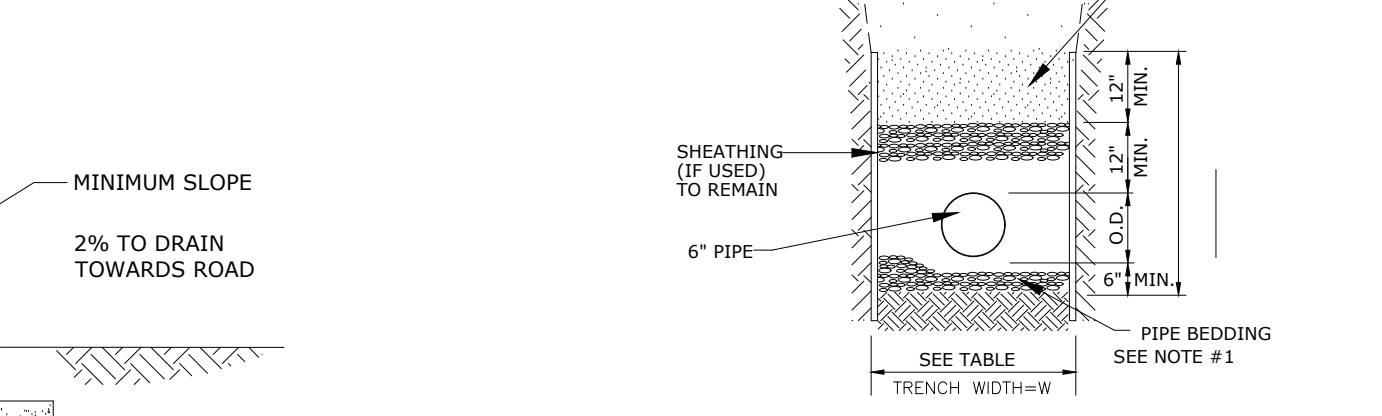
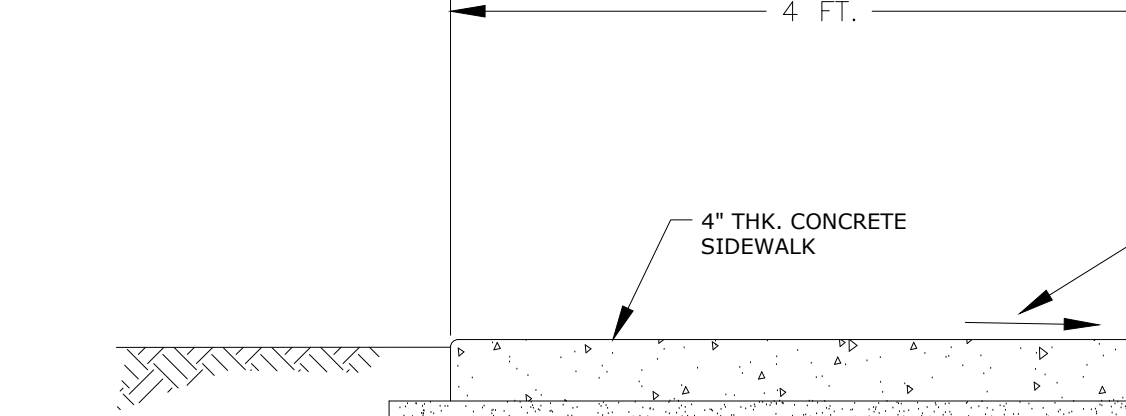
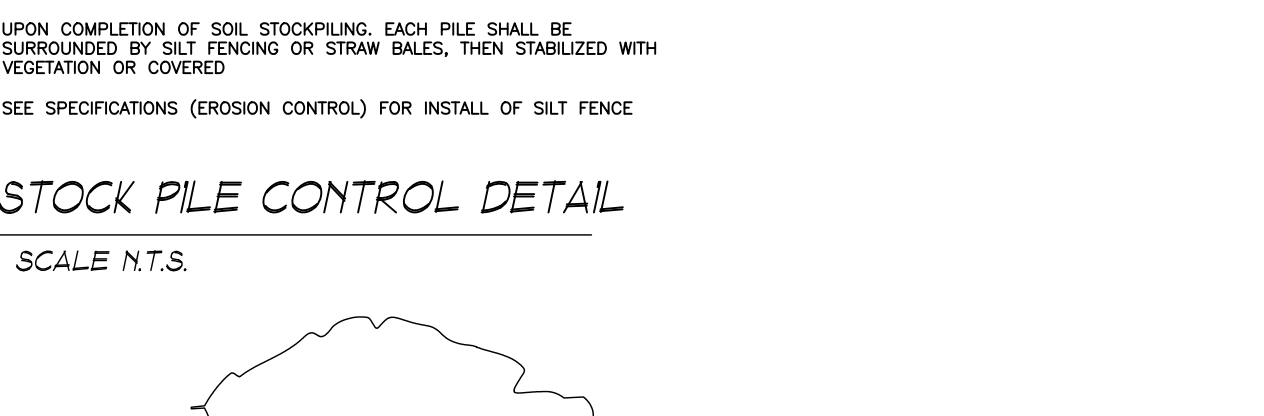
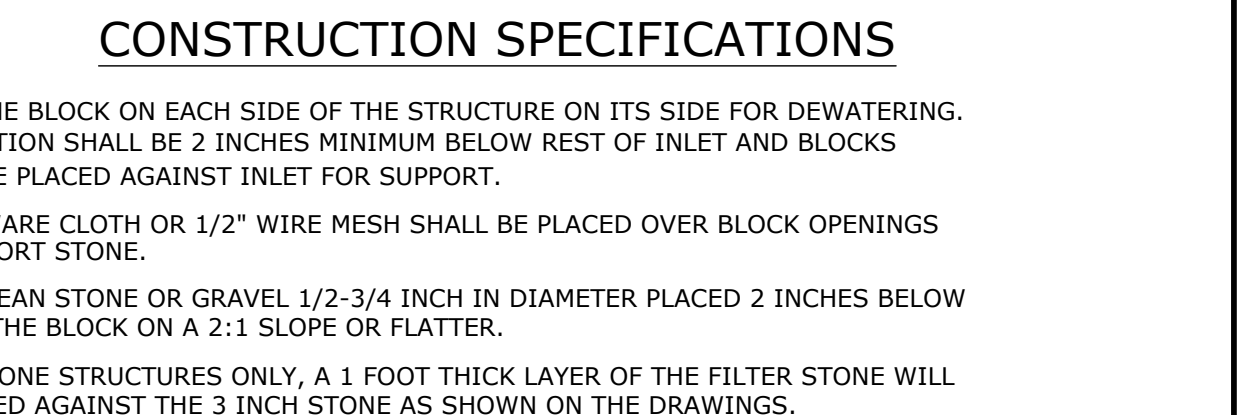
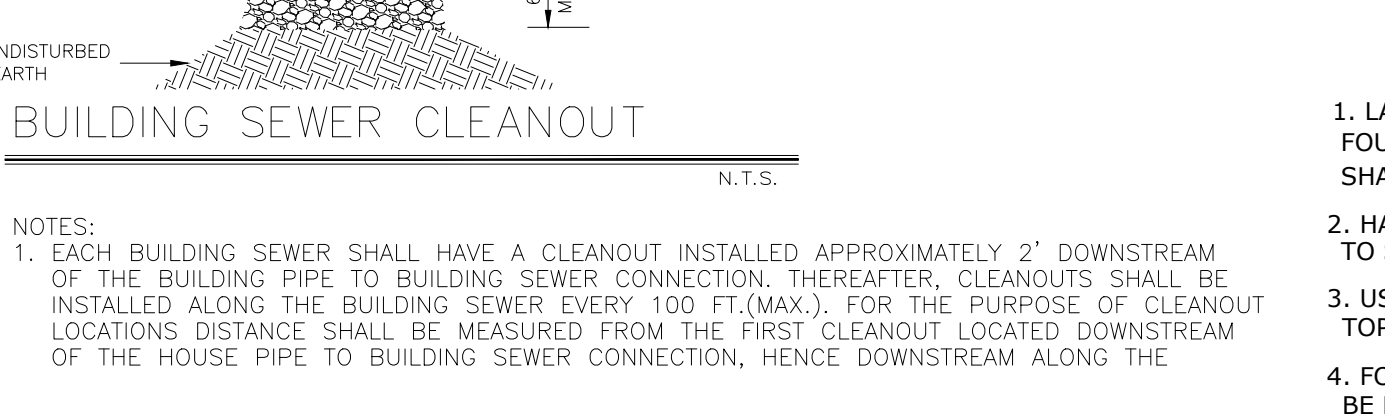
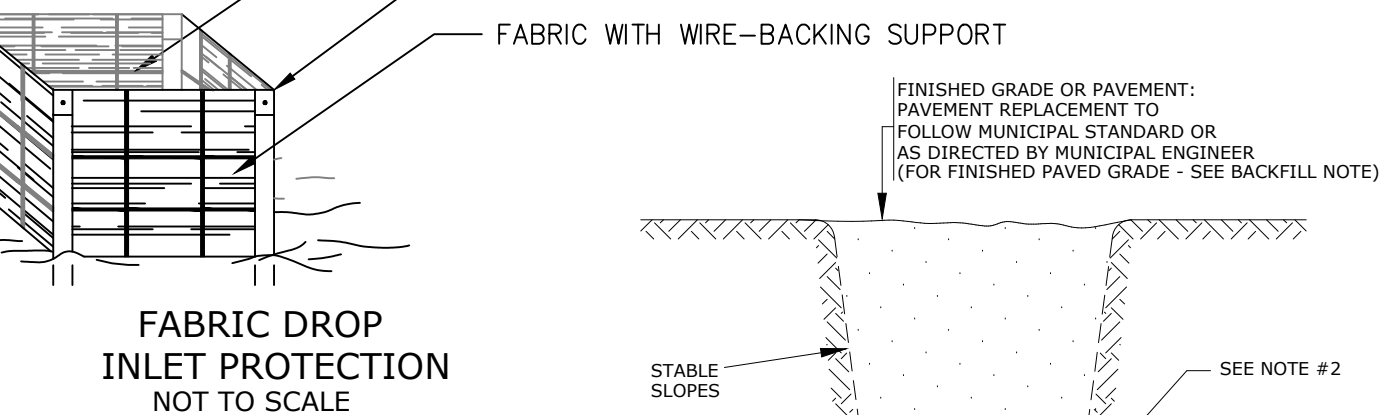
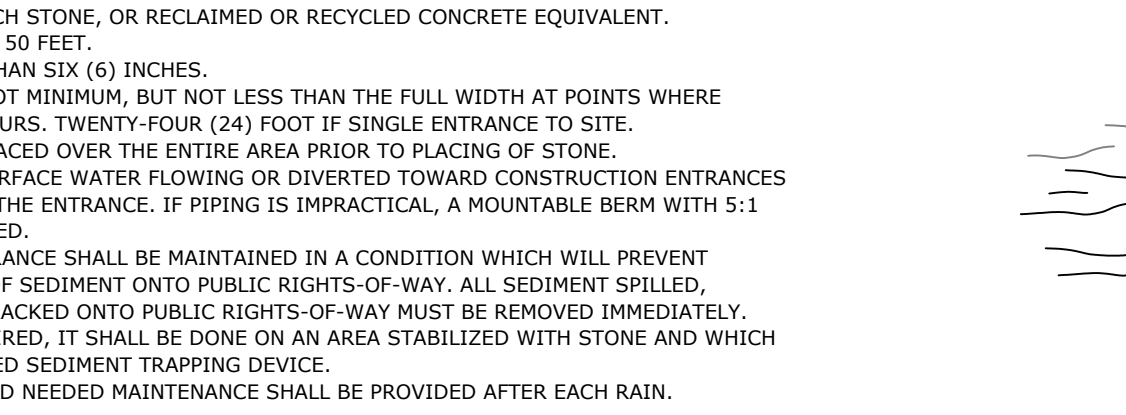
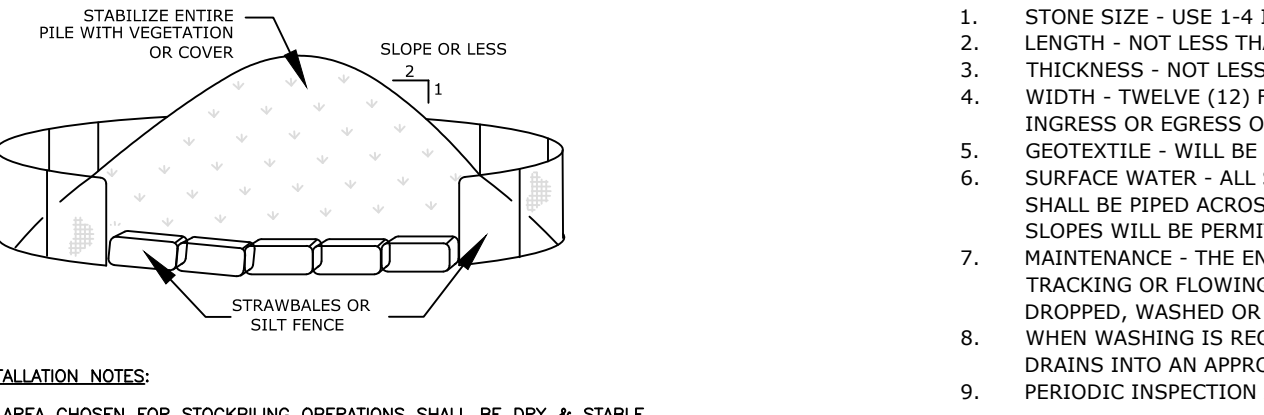
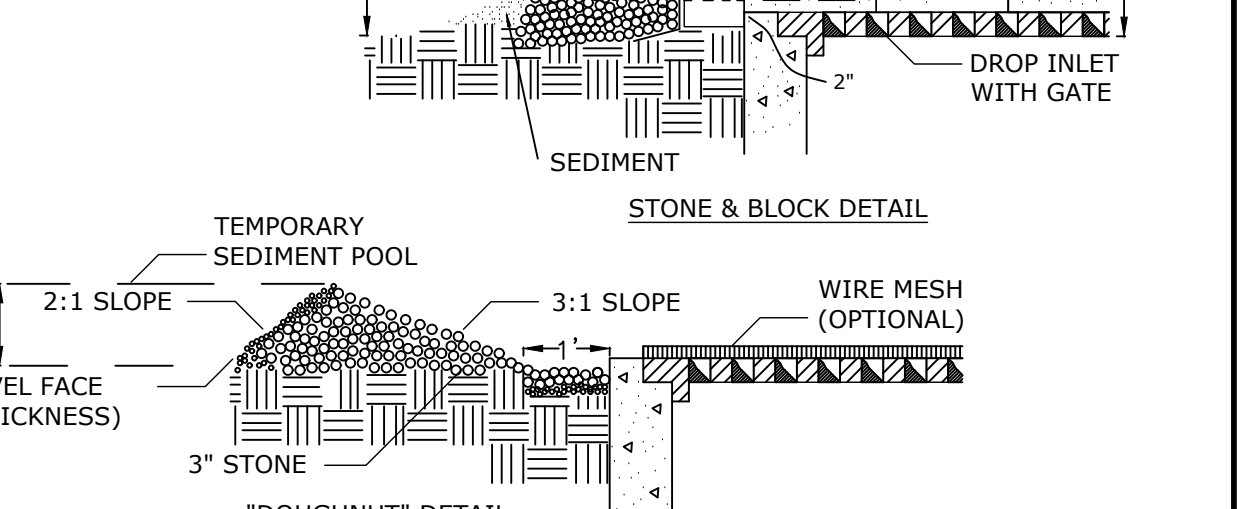
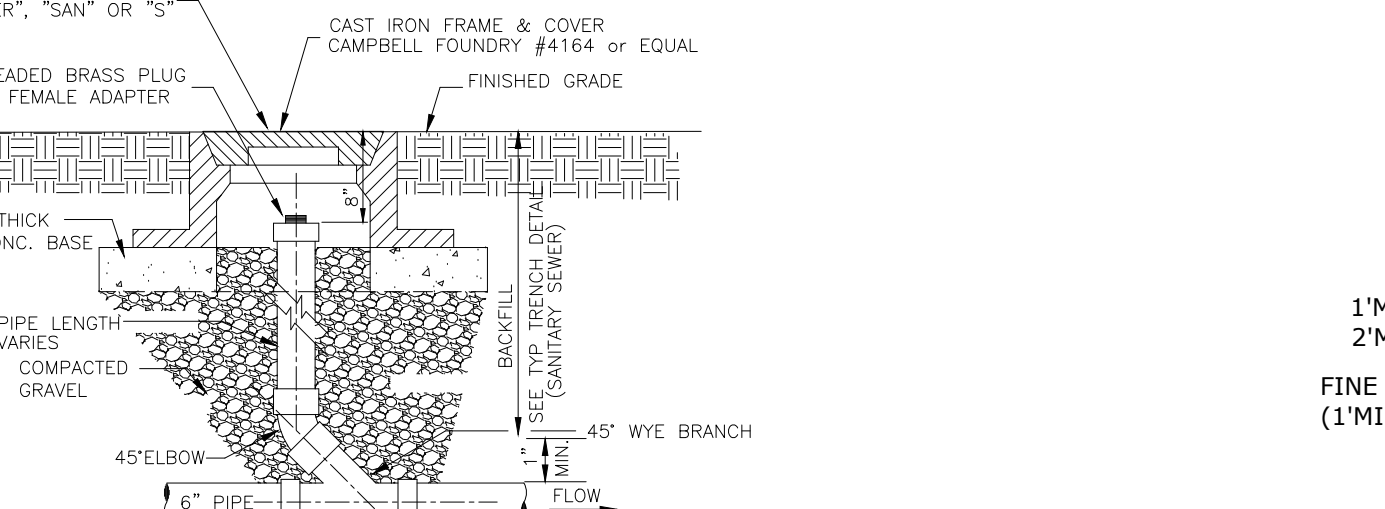
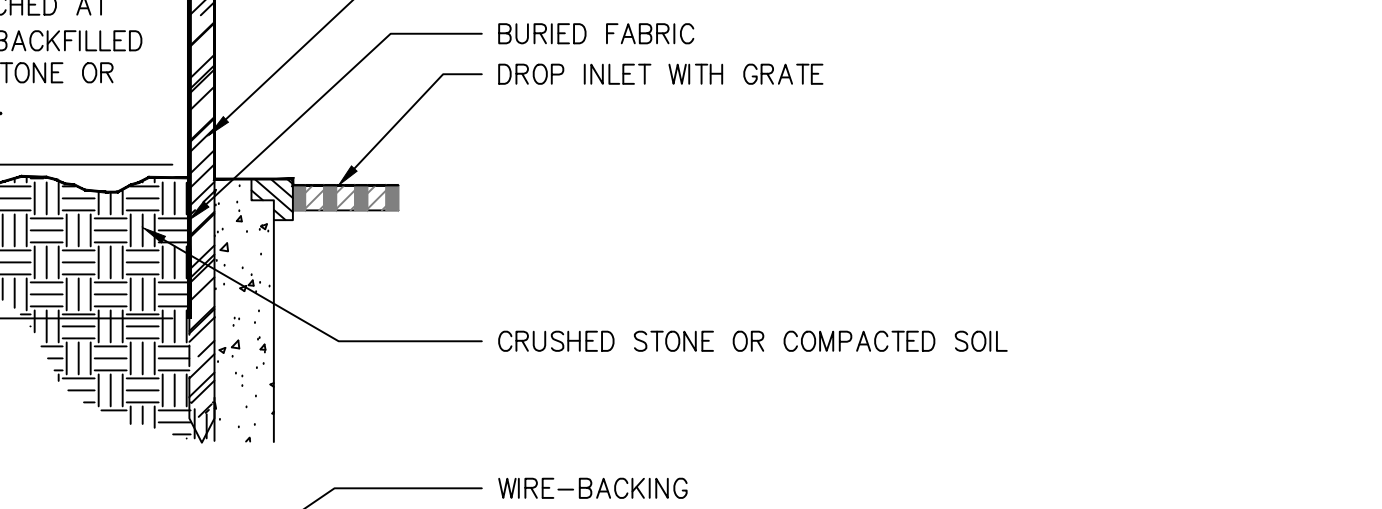
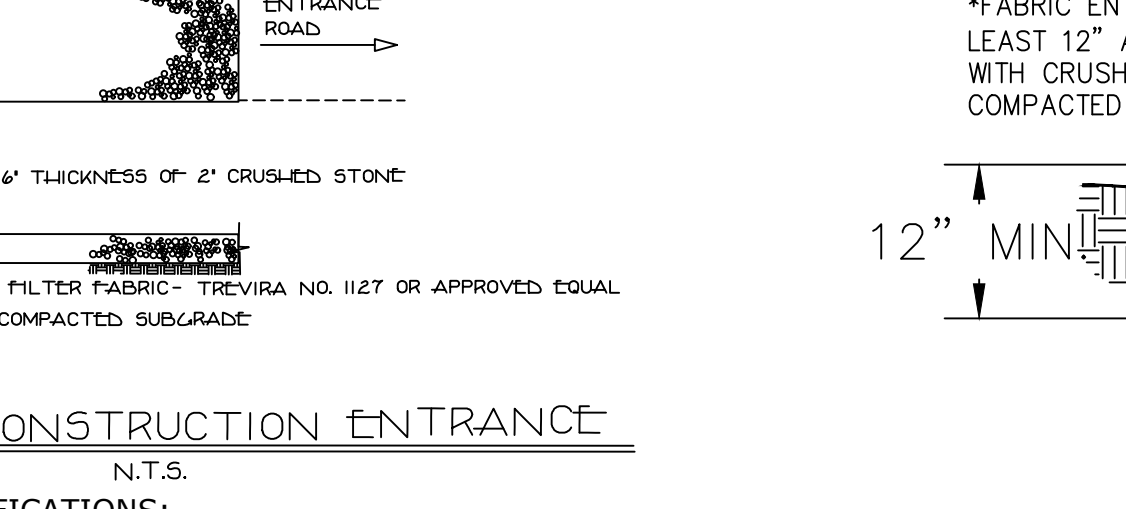
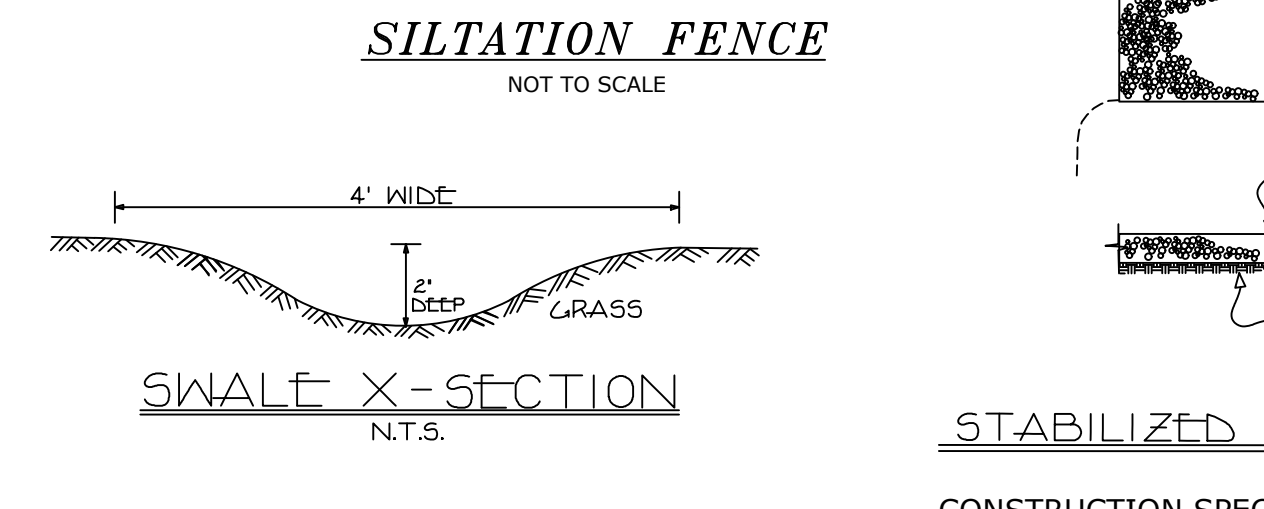
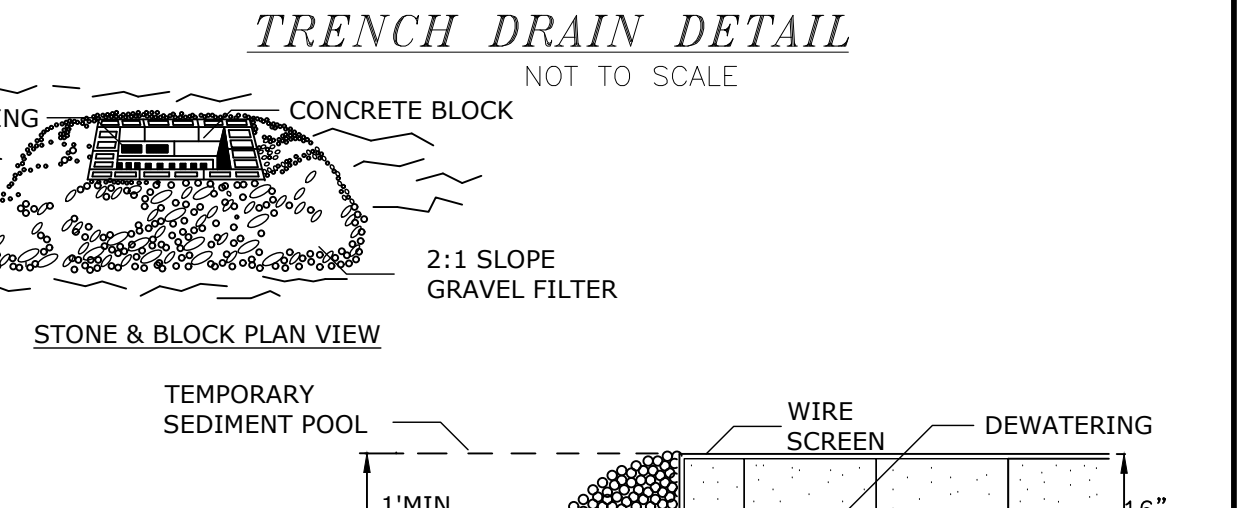
- ### CONSTRUCTION SPECIFICATIONS
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFIT 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
 - PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



ACCEPTABLE BACKFILL MATERIAL & COMPACTION REQUIREMENTS

DESCRIPTION	ASTM D2321	ASTM D2487	AASHTO M43	MINIMUM STANDARD PROCTOR DENSITY %
GRADED OR CRUSHED, CRUSHED STONE, GRAVEL	CLASS I	GW	5	DUMPED
SAND, GRAVELS AND GRAVELS/SAND MIXTURES; LITTLE OR NO FINES	CLASS II	GP	57	85%
SILTY OR CLAYEY GRAVELS, GRAVELS/SAND MIXTURES; SILTY OR CLAYEY SANDS, SAND/CLAY OR SAND/SILT MIXTURES	CLASS III	GM	6	90%

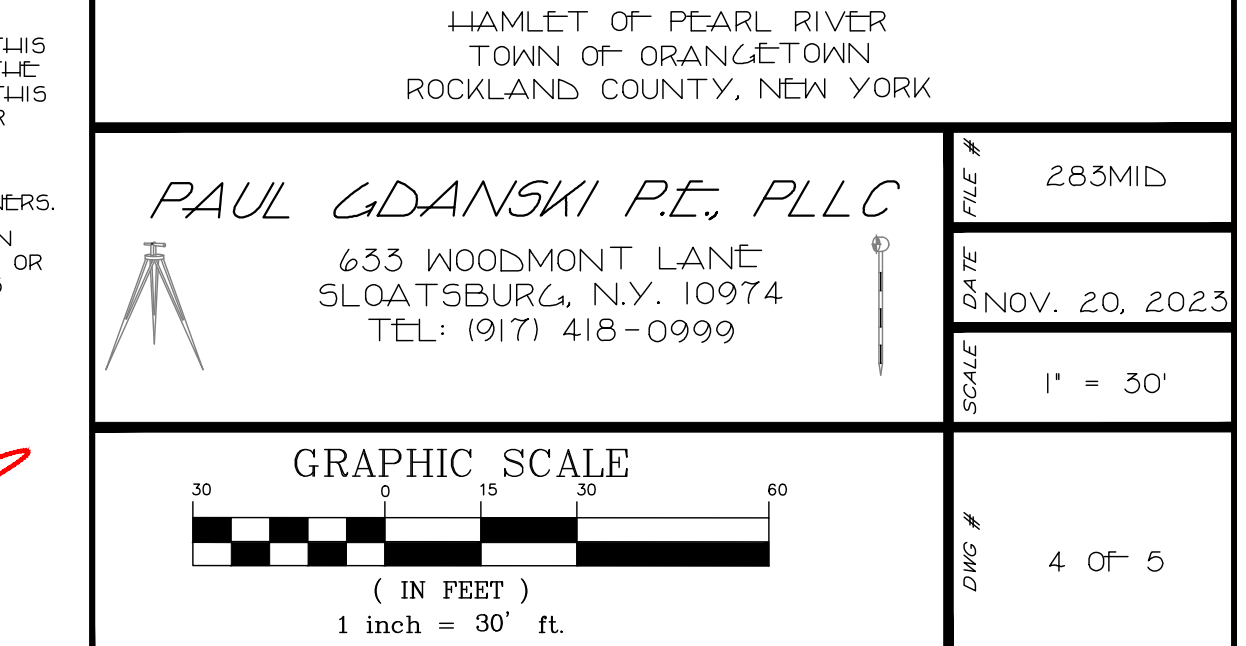
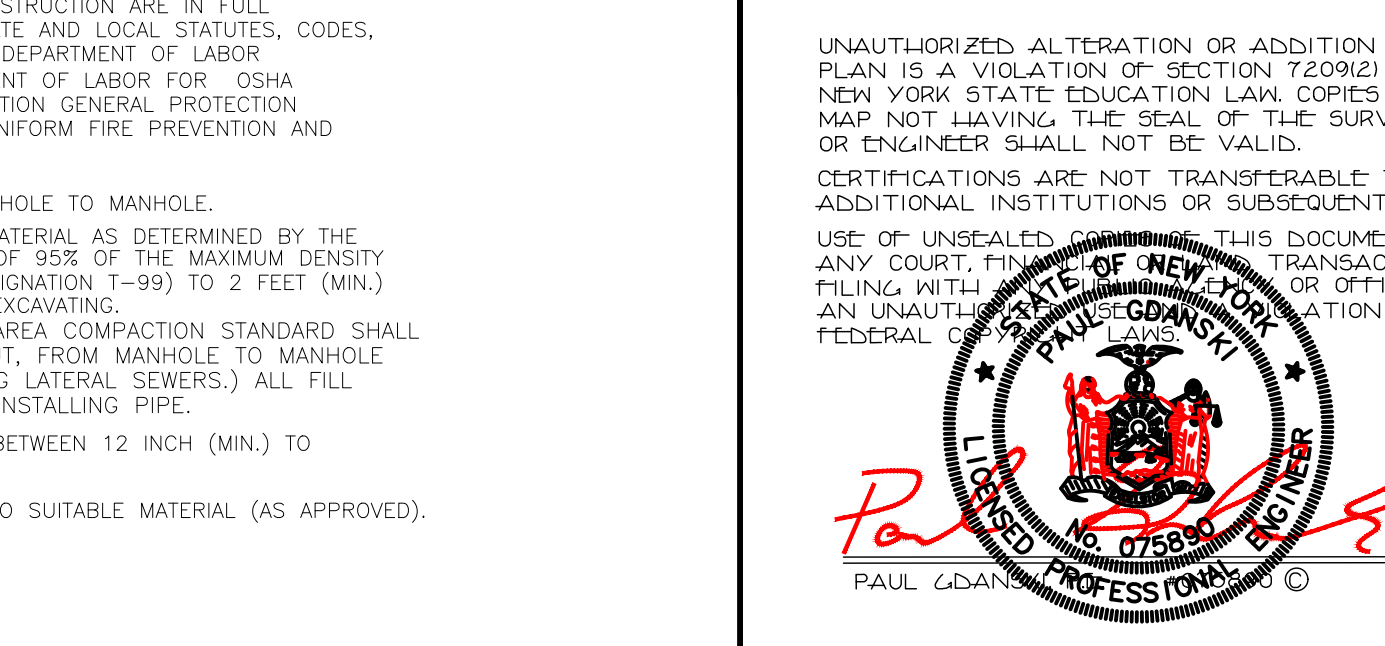
NOTES: INORGANIC SILTS, CLAYS, AND OTHER CLASS IV MATERIAL SHALL NOT PERMITTED. BACKFILL SHALL CONTAIN NO STONES OVER 6" IN ANY DIMENSION. IN PAVED AREAS BACKFILL TO BE ITEM 4 (NYS DOT ITEM 304.05) TO SUBGRADE.



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

- ### CONSTRUCTION SPECIFICATIONS
- STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 - LENGTH - NOT LESS THAN 50 FEET.
 - THICKNESS - NOT LESS THAN SIX (6) INCHES.
 - WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
 - GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 - SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

- ### CONSTRUCTION SPECIFICATIONS
- PIPE BEDDING SHALL BE A CLASS I ASTM D2321 EMBEDMENT MATERIAL THAT SHALL BE EITHER CRUSHED STONE OR WASHED GRAVEL PASSING A 3/4" SIEVE AND RETAINED ON A 3/8" SIEVE. THE EMBEDMENT MATERIAL SHALL BE HAND TAMPED AND COMPACTED TO 95% OF THE MAXIMUM DENSITY OF THE EMBEDMENT MATERIAL AS DETERMINED BY THE STANDARD PROCTOR TEST IN ACCORDANCE WITH AASHTO DESIGNATION T-99.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A GO-NO-GO TESTING GAUGE, AS DEFINED IN THE GREEN-TITE (TRADEMARK) PVC GRAVITY SEWER PIPE INSTALLATION GUIDE AS PUBLISHED BY J-M PIPE (OR APPROVED EQUAL) FOR TESTING DEFLECTION OF MAIN LINE SEWER PIPE, AS DIRECTED BY OCSO 1. MAXIMUM MAIN LINE SEWER DEFLECTION SHALL BE NO GREATER THAN 5%.
 - BACKFILL FROM 12 IN. TO 24 IN. ABOVE THE PIPE EMBEDMENT MATERIAL SHALL BE FINE EARTH FREE FROM ONDERS AND SHALL BE MECHANICALLY COMPACTED. REMAINING BACKFILL SHALL BE FREE FROM LARGE CLODS, ROCKS, AND GINDERS.
 - PLACE EMBEDMENT MATERIAL BY HAND AND HAND COMPACT UNDER AND AROUND SIDES OF PIPE. PLACE EMBEDMENT MATERIAL IN 6" LAYERS ABOVE TOP OF PIPE, AND HAND COMPACT TO A POINT 12" MINIMUM ABOVE THE TOP OF PIPE.
 - THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A COMPETENT PERSON DURING ALL PHASES OF CONSTRUCTION WHOSE DUTY SHALL BE TO INSURE THAT ALL PHASES OF CONSTRUCTION ARE IN FULL COMPLIANCE WITH OCSO NO. 1 SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL STATUTES, CODES, RULES, REGULATIONS AND LAWS INCLUDING, BUT NOT LIMITED TO UNITED STATES DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND N.Y.S. DEPARTMENT OF LABOR FOR OSHA SECTIONS 1910.146-PERMIT REQUIRED CONFINED SPACE ENTRY, 1926.650-EXCAVATION GENERAL PROTECTION REQUIREMENTS AND 1926.651-TRENCHING AND SHORING. STATE OF NEW YORK UNIFORM FIRE PREVENTION AND BUILDING CODES AND NATIONAL FIRE PROTECTION ASSOCIATION CODES.
 - ALL APPROVED MAIN LINE SEWER PIPE SHALL BE THE SAME MATERIAL FROM MANHOLE TO MANHOLE.
 - FILL SECTION AREA MUST BE GRADED WITH THE PLACEMENT OF SUITABLE SOIL MATERIAL AS DETERMINED BY THE PROJECT SITE ENGINEER IN 12 INCH (MAX.) LAYERS COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DENSITY OF THE FILL SOIL AS DETERMINED BY THE STANDARD PROCTOR TEST (ASHTO DESIGNATION T-99) TO 2 FEET (MIN.) ABOVE THE TOP OF PIPE AT A MINIMUM WIDTH OF 0.0 + 4' BEFORE TRENCH EXCAVATING. (ANY FILL SECTION AREA THAT DOES NOT CONFORM TO THIS FILL SECTION AREA COMPACTION STANDARD SHALL REQUIRE THE INSTALLATION OF 0.0 + 5.0' OF CLASS 2 DIP, TAR COATED INS. AND OUT, FROM MANHOLE TO MANHOLE FOR SEWER MAINS AND ALONG THE ENTIRE SERVICE LINE RUN FOR BUILDING LATERAL SEWERS.) ALL FILL SECTION AREAS SHALL REQUIRE REVIEW AND APPROVAL BY OCSO1 BEFORE INSTALLING PIPE.
 - WHERE ROCK IS ENCOUNTERED IN TRENCH BOTTOM, UNDERCUT MUST BE MADE BETWEEN 12 INCH (MIN.) TO 24 INCH (MAX.).
 - WHERE UNSUITABLE MATERIAL IS ENCOUNTERED IN TRENCH BOTTOM, UNDERCUT TO SUITABLE MATERIAL (AS APPROVED).



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