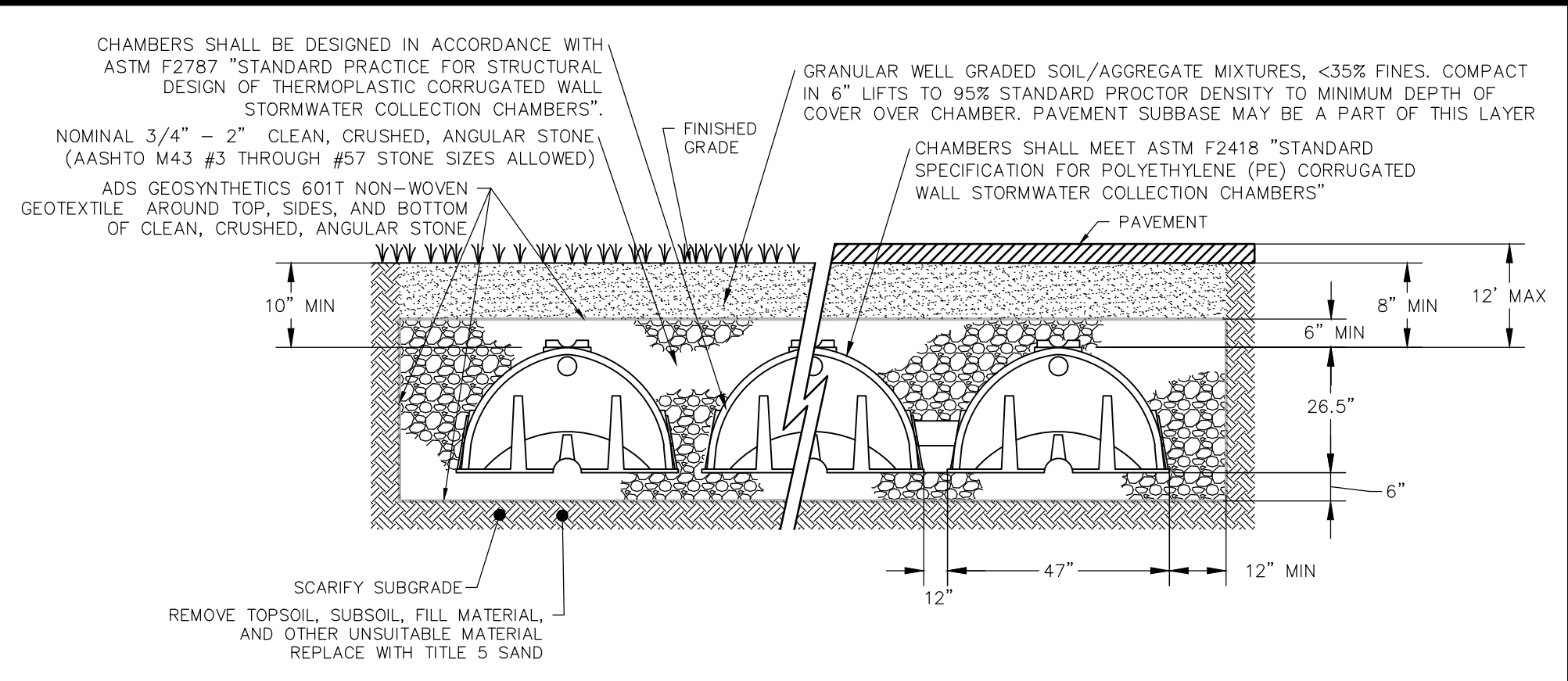
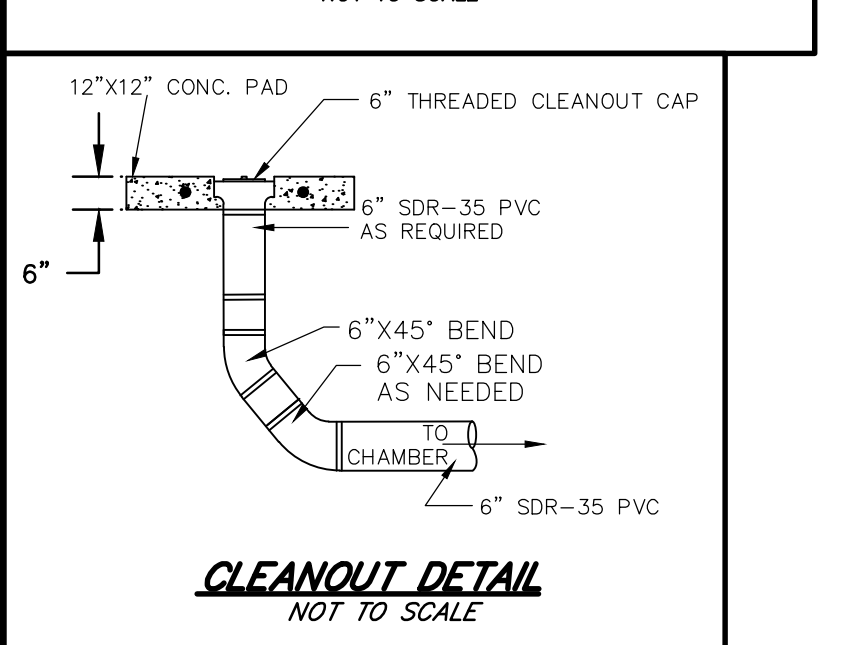
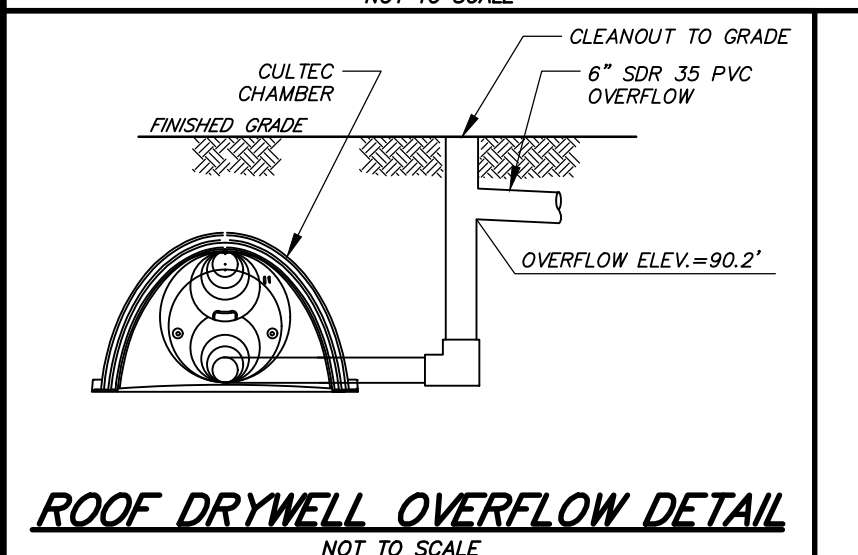
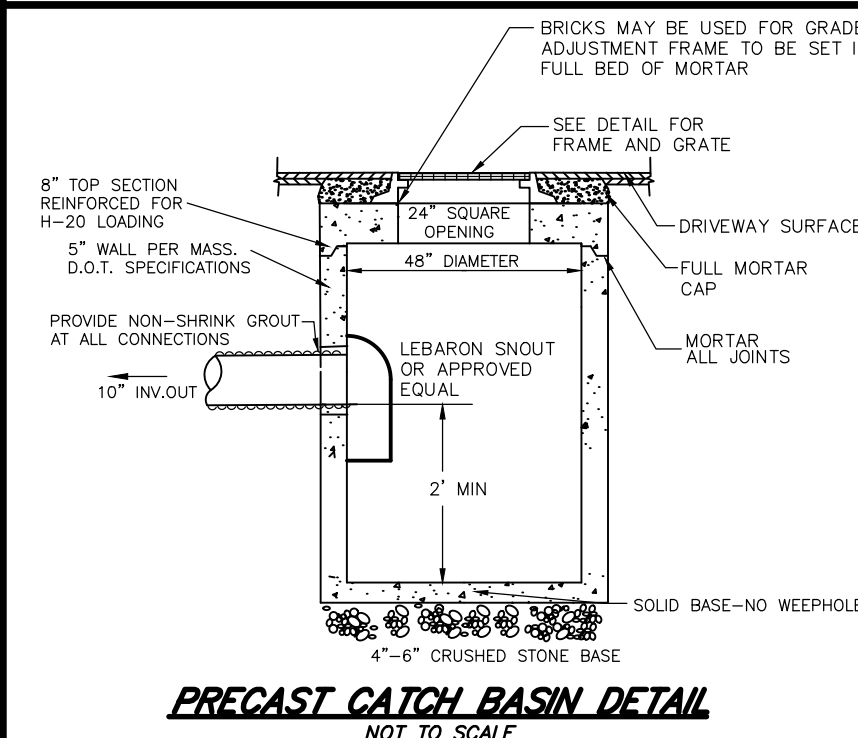
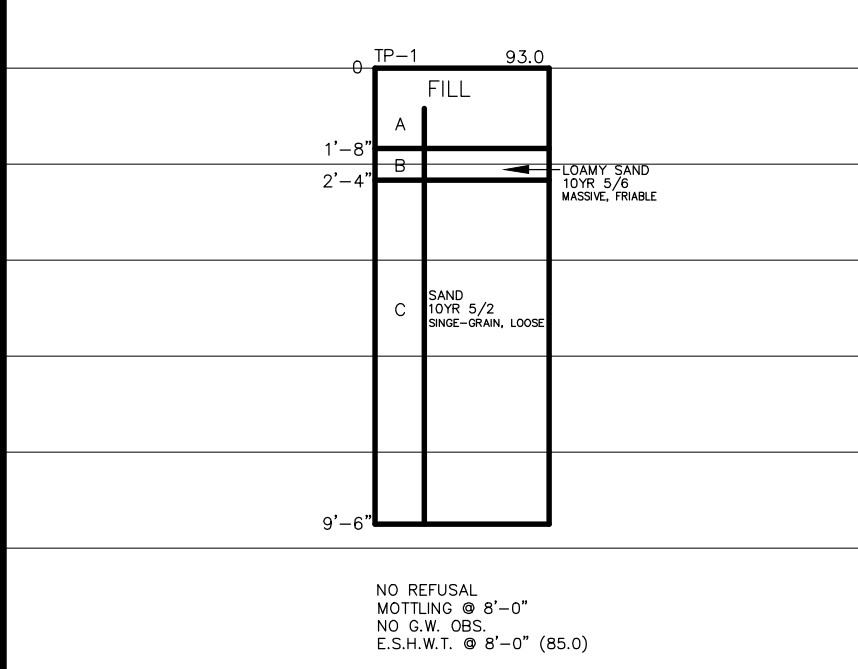
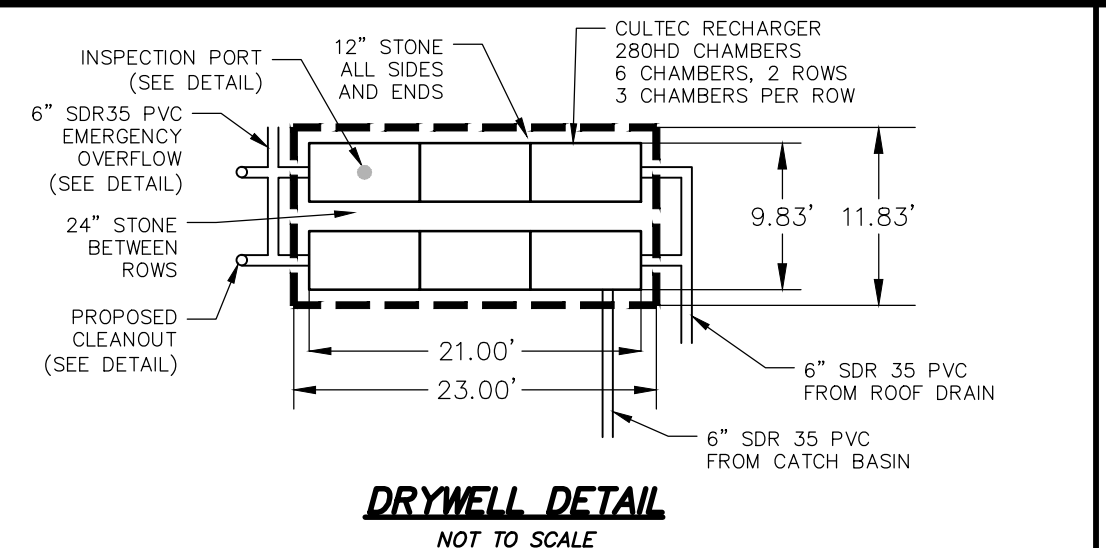
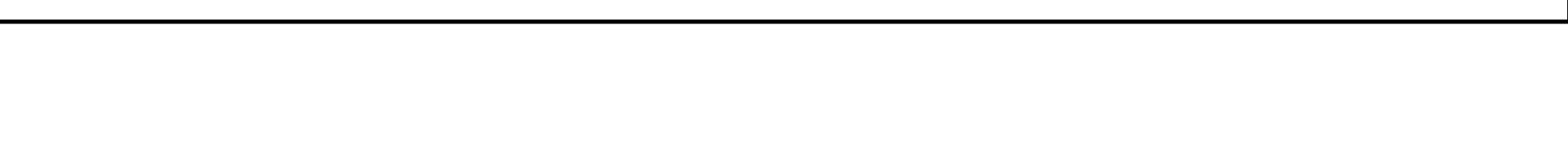


TEST PIT DATA:
 DATE OF TESTING: 12/15/2025
 TEST BY: STAMSKI AND McNARY, INC.
 CERT. SOIL EVAL.: NATHANIAL CATALDO (SE 14601)

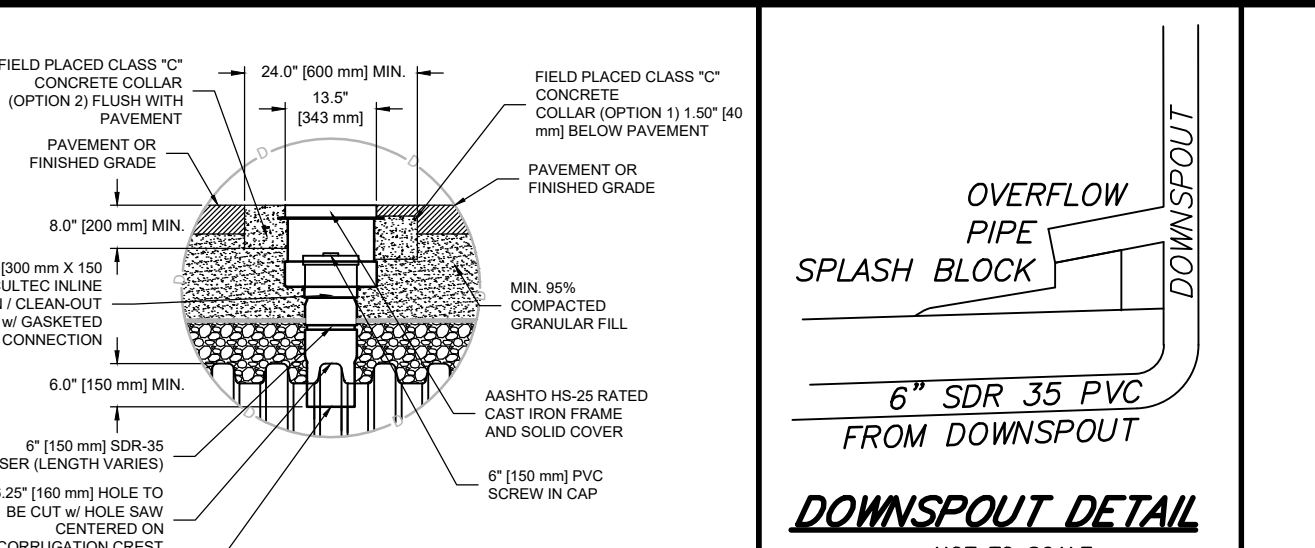


CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". NOMINAL 3/4" - 2" CLEAN, CRUSHED, ANGULAR STONE, (AASHTO M43 #3 THROUGH #57 STONE SIZES ALLOWED). ADS GEOSYNTHETICS 601T NON-WOVEN GEOTEXTILE AROUND TOP, SIDES, AND BOTTOM OF CLEAN, CRUSHED, ANGULAR STONE. FINISHED GRADE. CHAMBERS SHALL MEET ASTM F2418 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". PAVEMENT. REMOVE TOPSOIL, SUBSOIL, FILL MATERIAL, AND OTHER UNSUITABLE MATERIAL. REPLACE WITH TITLE 5 SAND. SCARIFY SUBGRADE. THE INSTALLED CHAMBER SYSTEM SHALL PROVIDE THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12 FOR EARTH AND LIVE LOADS WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.

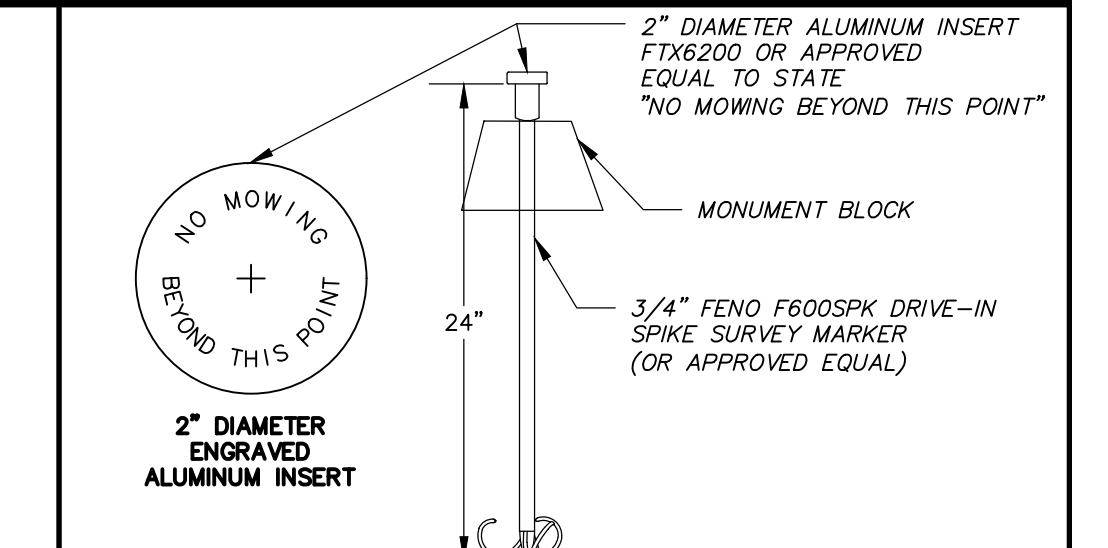


BOTTOM STONE	BOTTOM STRUCTURE	INVERT IN	TOP STRUCTURE	TOP STONE	MIN. COVER	E.S.H.G.W.
87.00	87.50	87.60	89.71	90.21	91.21	85.00

NOTES:
 1. ROOF DRYWELL SHALL HAVE 6" OF STONE ABOVE AND 6" OF STONE BELOW CHAMBERS.
 2. ALTERNATIVE CHAMBERS MAY BE UTILIZED DEPENDING ON AVAILABILITY WITH APPROVAL FROM THE DESIGN ENGINEER.

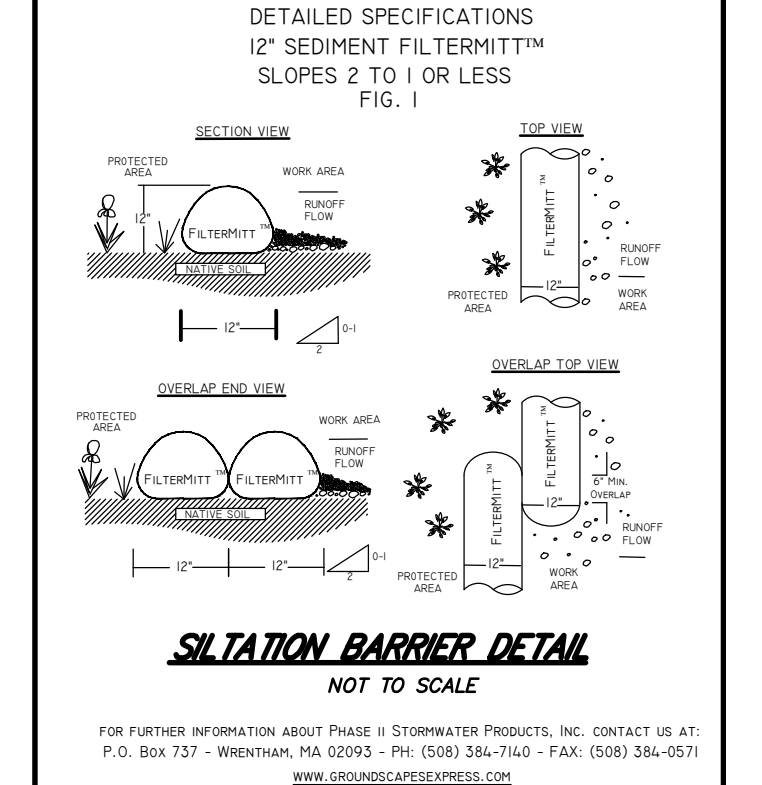


INSPECTION PORT DETAIL
 NOT TO SCALE

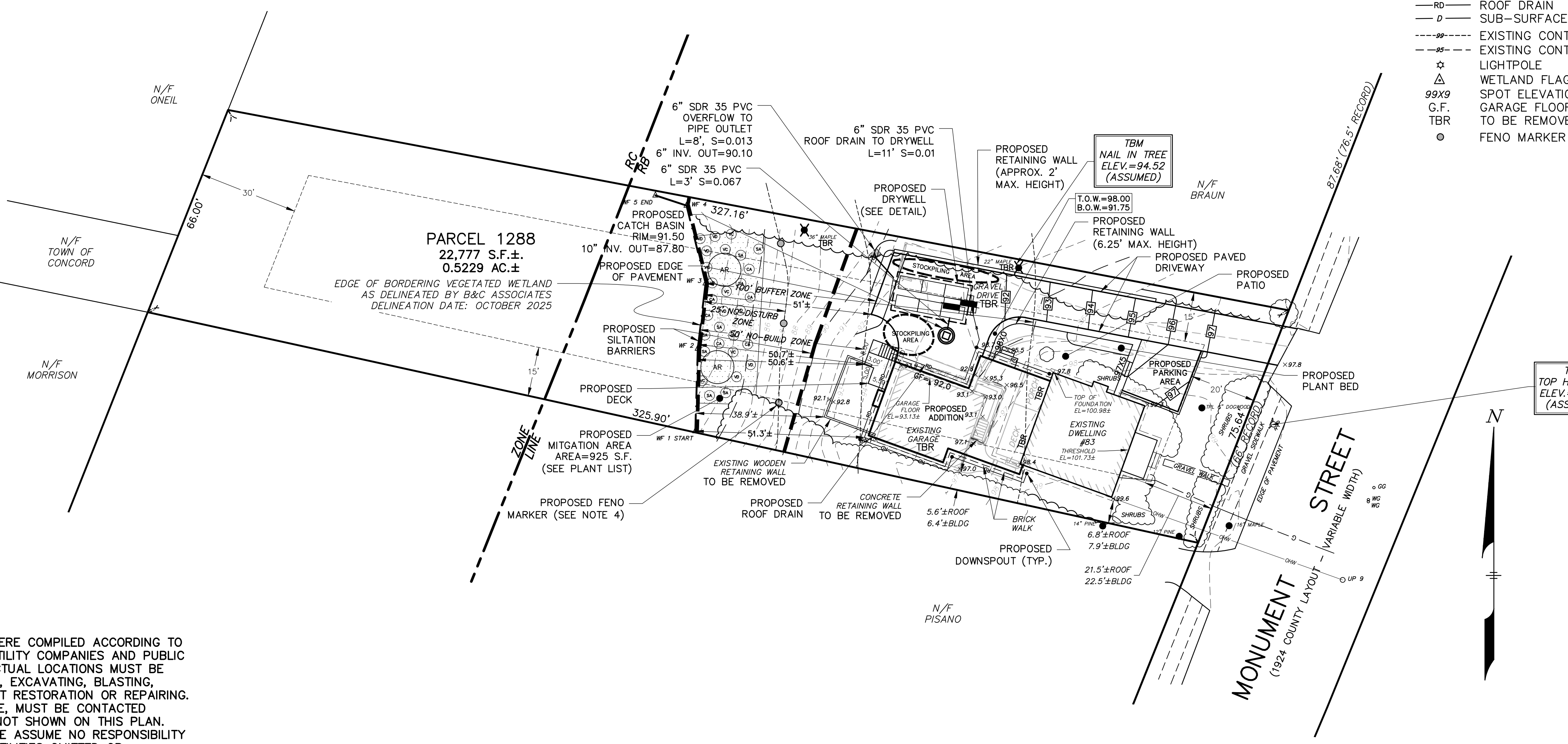


FENO MARKER DETAIL
 NOT TO SCALE

- LEGEND:**
- N/F NOW OR FORMERLY OVERHEAD WIRES
 - OHV OVERHEAD WIRE
 - TREE TREE
 - UP UTILITY POLE
 - GG+ GAS GATE
 - G GAS SERVICE (BURIED)
 - WG+ WATER GATE
 - W WATER SERVICE (BURIED)
 - RD ROOF DRAIN
 - D SUB-SURFACE DRAIN LINE
 - EXISTING CONTOUR
 - - - EXISTING CONTOUR
 - ☆ LIGHTPOLE
 - △ WETLAND FLAG
 - 99X9 SPOT ELEVATION
 - G.F. GARAGE FLOOR ELEV. TO BE REMOVED
 - TBR FENO MARKER



SILTATION BARRIER DETAIL
 NOT TO SCALE



- NOTES:**
- ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELEPHONE No. 1-888-344-7233.
 - CONTRACTOR TO SECURE VALID DIGSAFE NUMBER PRIOR TO REQUESTING CONSTRUCTION LAYOUT.
 - ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED UNLESS OTHERWISE NOTED.
 - FENO STAKES WITH ALUMINUM INSERTS (OR APPROVED EQUAL) SHALL BE INSTALLED BY THE CONTRACTOR AS SHOWN., THE ALUMINUM INSERTS SHALL BE A MINIMUM OF 2" IN DIAMETER AND SHALL STATE "NO MOWING BEYOND THIS POINT." STAKES SHALL BE A MINIMUM OF 3/4" DIAMETER AND 24" LONG.
 - THE ROOF AREA FROM THE PROPOSED ADDITION SHALL BE CAPTURED WITH GUTTERS AND PIPED VIA DOWNSPOUTS AND ROOF DRAINS TO THE DRYWELL. THE DOWNSPOUT CLOSEST TO THE DRYWELL SHALL BE PROVIDED WITH AN OVERFLOW. DOWNSPOUTS CONNECTED TO THE EXISTING HOUSE NEAR THE ROOF DRAIN SHALL ALSO BE CONNECTED TO THE DRYWELL.
 - THERE SHALL BE NO HEAVY EQUIPMENT WITHIN THE 50' OF THE WETLAND. SOIL SHALL NOT BE STOCKPILED WITHIN 50' OF THE WETLAND. IF NEEDED, EXCESS SOIL THAT CANNOT BE STOCKPILED OUTSIDE OF THE 50' BUFFER ZONE SHALL BE HAULED OFFSITE.

PLANT LIST

TREES				
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY
AR	ACER RUBRUM	RED MAPLE	2" CALIPER	2

SHRUBS				
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY
SA	SWIDA AMOMUM	SILKY DOGWOOD	24 INCH	8
VD	VIBURNUM DENTATUM	NORTHERN ARROWWOOD	24 INCH	7
VC	VACCINIUM CORYMBOSUM	HIGHBUSH BLUEBERRY	24 INCH	7
CA	CLETHRA ALNIFOLIA	SWEET PEPPERBUSH	24 INCH	7
			TOTAL	29

NOTES:
 1. THE PLANTING AREA SHALL BE SEEDED WITH A NATIVE NEW ENGLAND SEED MIX. THE SEED MIX SPECIFICATION SHALL BE SUBMITTED TO DIVISION STAFF FOR APPROVAL AT OR BEFORE THE PRE-CONSTRUCTION SITE VISIT.
 2. SHRUBS ARE TO BE PLANTED WITH A 5' ON-CENTER SPACING, AND TREES ARE TO BE PLANTED WITH A 10' MINIMUM ON-CENTER SPACING.

WETLAND PERMITTING PLAN
 IN
CONCORD, MASSACHUSETTS
 (MIDDLESEX COUNTY)

FOR: **JOEL BISSELL**
 SCALE: 1"=20' **FEBRUARY 18, 2026**
 REVISED: FEBRUARY 25, 2026 (NRC COMMENTS)

STAMSKI AND McNARY, INC.
 1000 MAIN STREET ACTON, MASSACHUSETTS
 ENGINEERING - PLANNING - SURVEYING

0 10 20 40 60 80 FT

(7949.P.P.L.A.dwg) 83 Monument Street SM-7949

