

**VEGETATIVE TURF ESTABLISHMENT PROCEDURE**  
SCARIFY ALL AREAS TO BE TOPSOILED AND SEEDED. APPLY A MINIMUM OF 4 INCHES OF TOPSOIL ON ALL AREAS TO BE SEEDED. APPLY GRASS SEED, LIME, FERTILIZER AND MULCH ACCORDING TO THE FOLLOWING SCHEDULE:

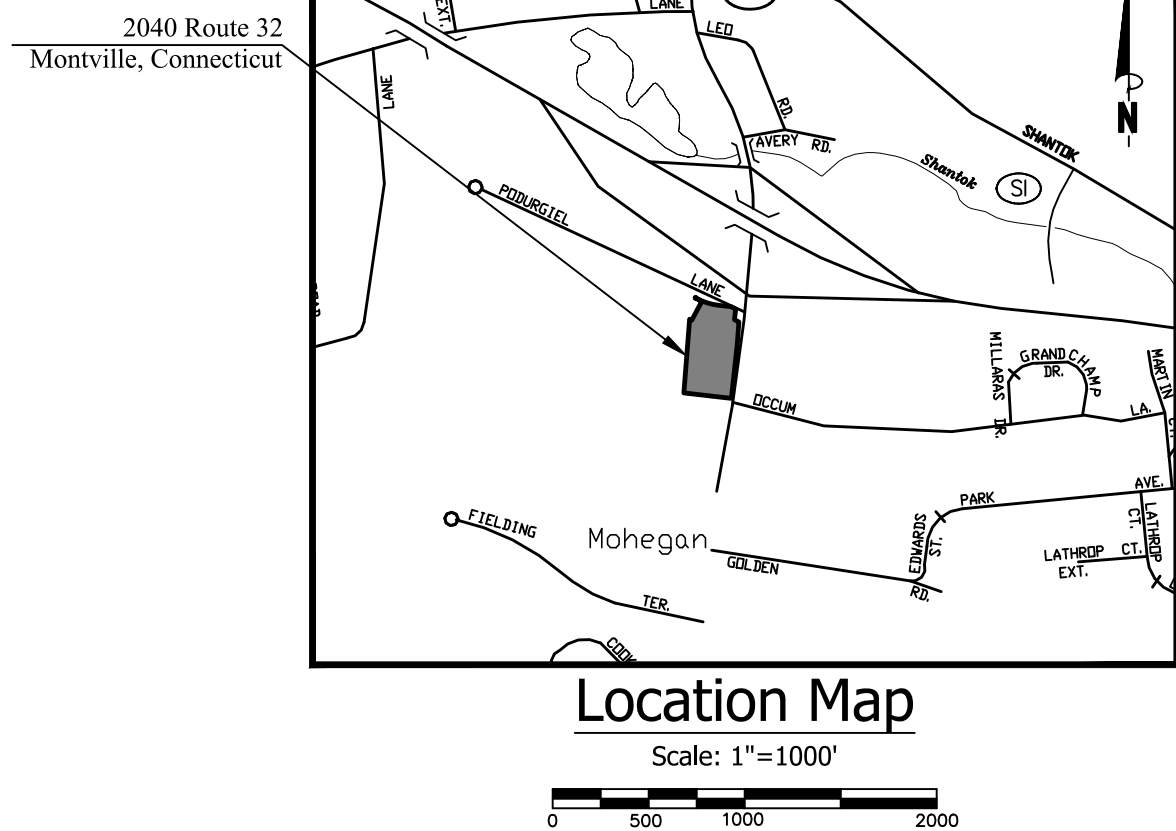
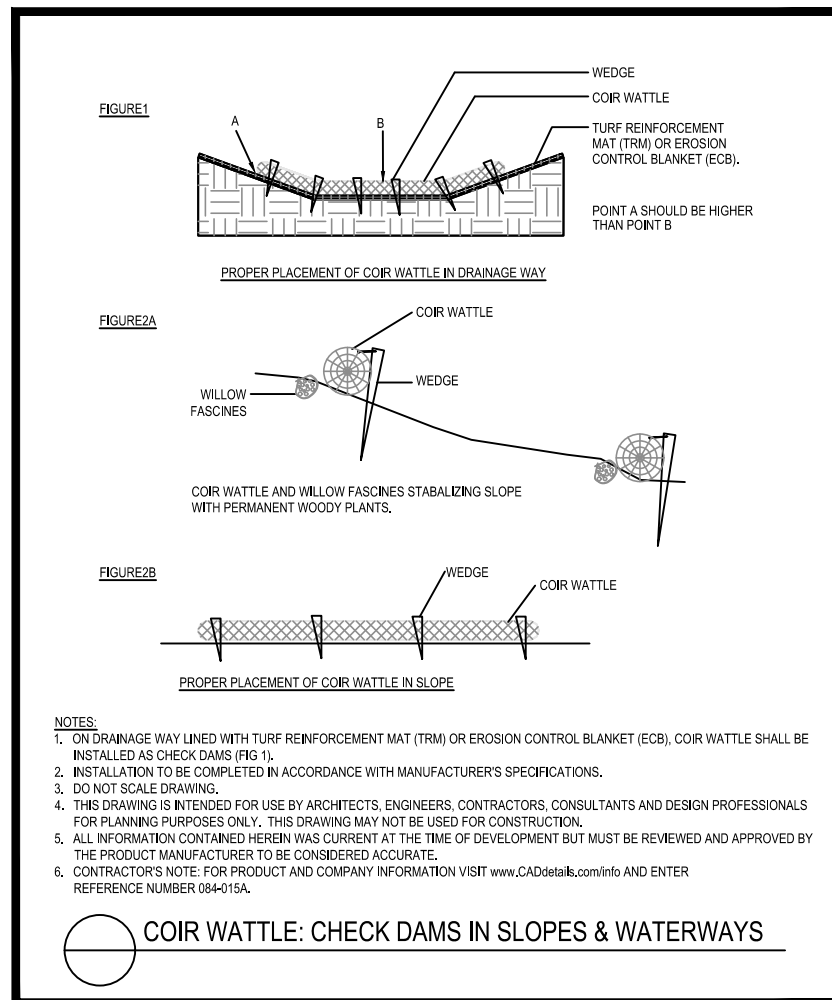
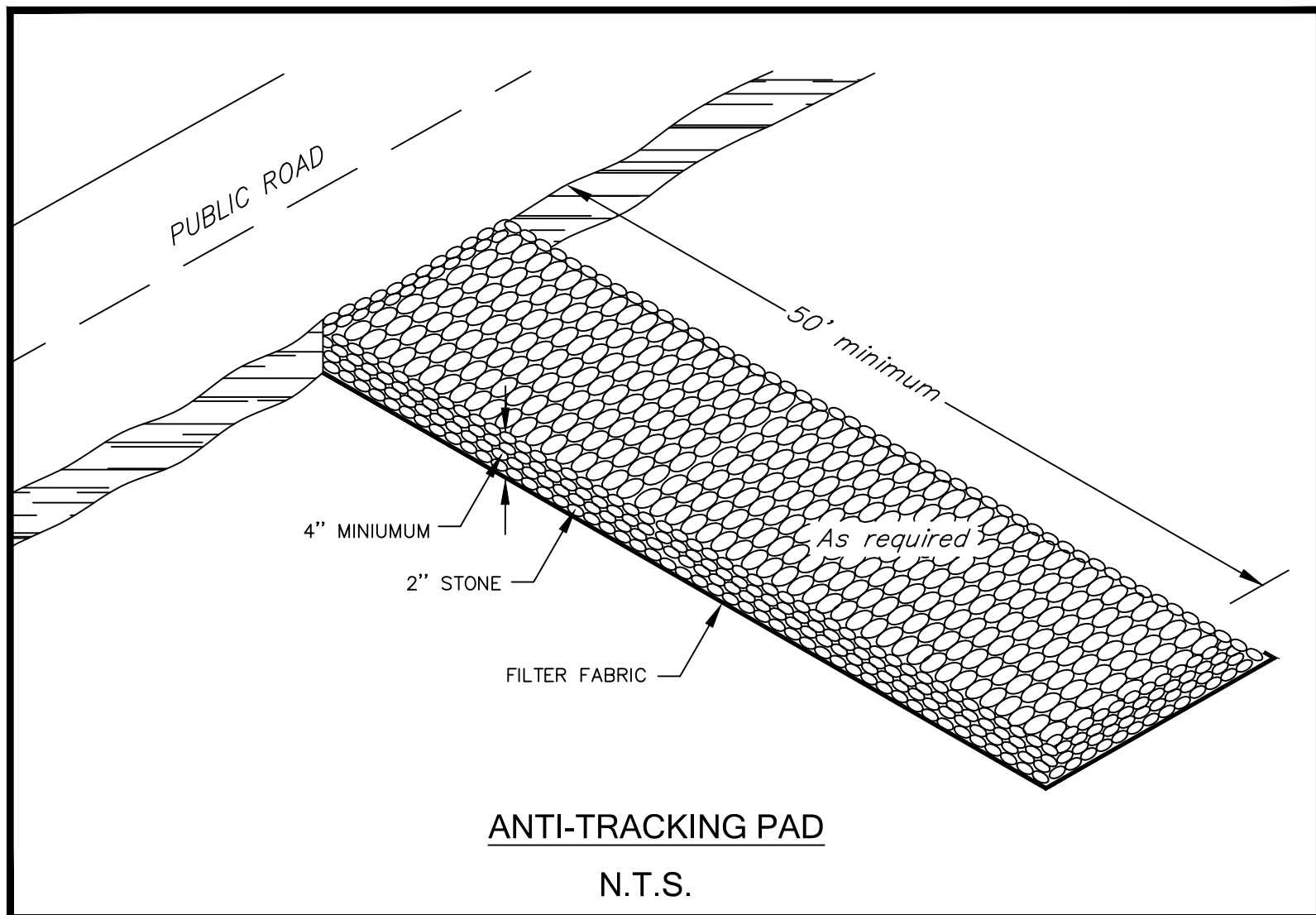
PERMANENT SEED MIXTURE:	2.4 LBS. PER 1,000 SQ. FT.
CREeping RED FESCUE	0.2
TALL FESCUE	2.4
TOTAL	5.0

**FERTILIZER:**  
10-10-10 APPLY AT 7.5 LBS. PER 1,000 SQ. FT.

**LIMESTONE:**  
APPLY AT 150 LBS. PER 1,000 SQ. FT.

**MULCHING:**  
SPREAD HAY OR STRAW OVER ALL AREAS AFTER SEEDING. USE 1 1/2 TO 2 BALES PER 1,000 SQ. FT. TARGET FOR 100% COVERAGE. ANCHOR BY USING NETTING OR TRACKING AS NECESSARY.

**SEEDING DATES:**  
SEEDING DATES IN CONNECTICUT ARE NORMALLY APRIL 1 THROUGH JUNE 15 AND AUGUST 15 THROUGH OCTOBER 1. SEED GERMINATION NORMALLY CANNOT BE EXPECTED FROM NOVEMBER THROUGH FEBRUARY. IF ADEQUATE SEED GERMINATION IS NOT POSSIBLE DUE TO TIME OF YEAR CONSTRAINTS, MULCHING SHALL BE ADEQUATELY PROVIDED TO PROTECT THE SEED FROM WIND AND SURFACE EROSION UNTIL THE WEATHER IMPROVES AND THE SEEDING BECOMES WELL ESTABLISHED.

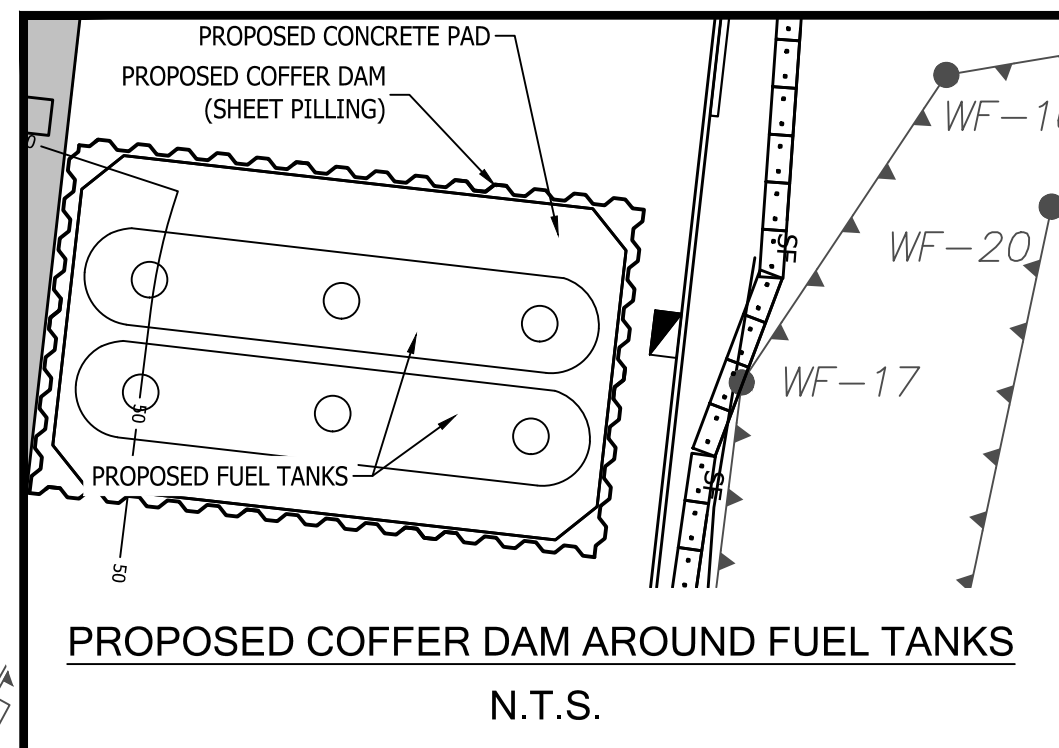


- CONSTRUCTION SEQUENCE**
1. INSTALL ALL EROSION AND SEDIMENT CONTROL AS SHOWN ON APPROVED PLANS.
  2. INSPECTION OF EROSION CONTROL INSTALLATION BY TOWN STAFF'S DESIGN ENGINEER.
  3. CLEAR AND GRUB SITE TO LIMITS OF DISTURBANCE.
  4. ROUGH GRADE SITE.
  5. CONSTRUCT OF RETAINING WALL.
  6. CONSTRUCT BUILDING:
    - A. EXCAVATE FOUNDATION OF BUILDING
    - B. FORM AND POUR FOOTINGS AND WALLS
    - C. STRIP FORMS, WATERPROOF FOUNDATIONS AND BACKFILL
    - D. COMPACT LOWER LEVEL FLOOR AND POUR CONCRETE FLOORS
    - E. FRAME BUILDING AND ROOFING
    - F. INSTALL WINDOWS AND DOORS
    - G. INSTALL SIDING
    - H. ROUGH MECHANICALS
    - I. INSULATE
    - J. SHEETROCK
    - K. INTERIOR TRIM AND DOORS
    - L. FLOORING
    - M. FINISH MECHANICALS
    - N. PAINT
  7. CONSTRUCT TANKS
  8. CONSTRUCT CANOPY & PUMPS
  9. REMOVE UTILITY POLE
  10. CONSTRUCT BASIN
  11. INSTALL SEWER LINE
  12. INSTALL WATER LINE
  13. INSTALL DRAINAGE SYSTEM
  14. INSTALL UNDERGROUND ELECTRIC
  15. INSTALL SUBGRADE AND COMPACT IN PAVED AREAS.
  16. INSTALL SIDEWALKS
  17. PLACE BINDER COURSE
  18. INSTALL SURFACE COURSE
  19. LOAM AND SEED DISTURBED AREAS.
  20. LANDSCAPE FINISHED AREAS.
  21. FINAL STABILIZATION OF SITE
  22. FINAL CLEANING OF STORMWATER SYSTEM AND GENERAL SITE CLEANUP
  23. OBTAIN FINAL INSPECTIONS.
  24. REMOVE EROSION AND SEDIMENTATION CONTROL DEVICES.

2030 ROUTE 32  
N/F  
HOME DEPOT USA INC  
M/B/L: 09919491000  
V463/849  
MAILING ADDRESS  
PO BOX 105842  
ATLANTA GA 30348-5842

2030 ROUTE 32  
N/F  
HOME DEPOT USA INC  
M/B/L: 09919491000  
V463/849  
MAILING ADDRESS  
PO BOX 105842  
ATLANTA GA 30348-5842

16 PODURGIEL LN  
N/F  
BETH SCARFONI  
M/B/L: 003/001/008  
V571/495  
MAILING ADDRESS  
16 PODURGIEL LN  
UNCASVILLE, CT 06382



## Legend

SYMBOL	DESCRIPTION
[Symbol]	MONUMENT
[Symbol]	EX. IP / REBAR
[Symbol]	DRILL HOLE
[Symbol]	UTILITY POLE W/ LIGHT
[Symbol]	STONEWALL
[Symbol]	FENCE LINE
[Symbol]	WATER VALVE
[Symbol]	OVERHEAD WIRES
[Symbol]	PROPERTY LINE
[Symbol]	ADJACENT PROPERTY LINE
[Symbol]	INDEX CONTOUR
[Symbol]	CONTOUR
[Symbol]	WETLANDS BOUNDARY/FLAG
[Symbol]	MEAN LOW WATER LINE
[Symbol]	MEAN HIGH WATER LINE
[Symbol]	HIGH TIDE LINE
[Symbol]	COASTAL JURISDICTIONAL LINE
[Symbol]	ZONE LINE
[Symbol]	EASEMENT LINE
[Symbol]	BUILDING SETBACK LINE
[Symbol]	EXISTING WATER LINE
[Symbol]	EXISTING SEWER LINE
[Symbol]	NOW OR FORMERLY CATCH BASIN
[Symbol]	TYPICAL
[Symbol]	SPOT ELEVATION
[Symbol]	DRILL HOLE
[Symbol]	POINT OF BEGINNING
[Symbol]	TEST PIT
[Symbol]	PERCOLATION TEST
[Symbol]	UTILITY POLE
[Symbol]	DRAINAGE MANHOLE
[Symbol]	SEWER MANHOLE
[Symbol]	HYDRANT
[Symbol]	WATER SHUTOFF
[Symbol]	PROPOSED
[Symbol]	IRON PIN TO BE SET

## Subject Parcel Information

OWNER: HASSAN HUSSAIN, LLC  
PARCEL ADDRESS: 2040 NEW ROUTE 32, MONTVILLE, CT  
MAILING ADDRESS: 4 BOSTON POST RD, WATERFORD, CT 06385  
MBL: 103/11/A  
DEED: VOLUME 663 PAGE 612  
AREA: 116,639 SF = 2.68 ACRES  
FLOOD ZONE: ZONE X PER FIRM MAP # 09011C0351G  
EFFECTIVE DATE: JULY 18, 2011

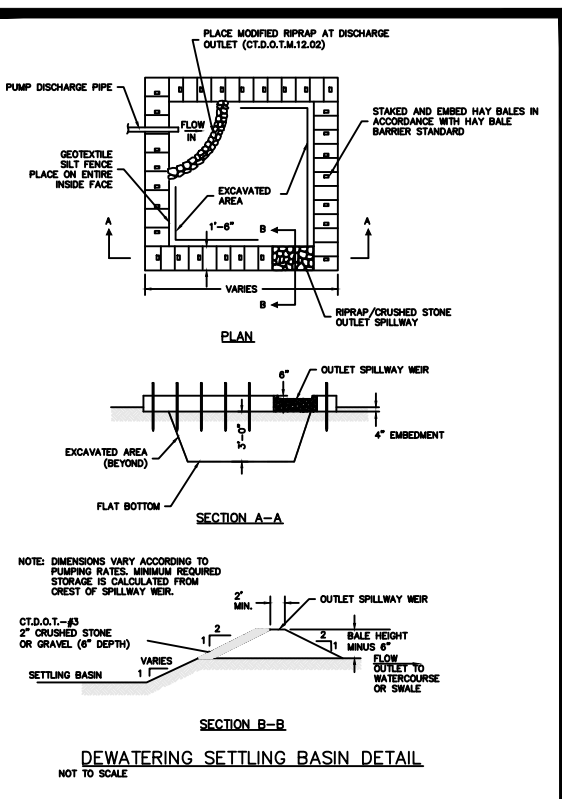
NO.	DATE	REVISIONS
1	12/05/2022	WETLAND COMMENTS

**Soil & Erosion Control Plan**  
of  
**2040 New London Turnpike**  
(AKA CT RT 32)  
Uncasville, Connecticut  
Prepared For:  
**AMER CHOUDREY**  
October 3, 2022

DRAWING SCALE: 1"=30'

**FEDUS ENGINEERING, LLC**  
CIVIL ENGINEERS  
Mailing Address: 70 Essex Street Mystic, Connecticut 06355  
Office: (860) 536-7390 Fax: (860) 536-1644

SHEET NO. 5 OF 6 JOB NO. 21-001048 DRAWN BY: DC

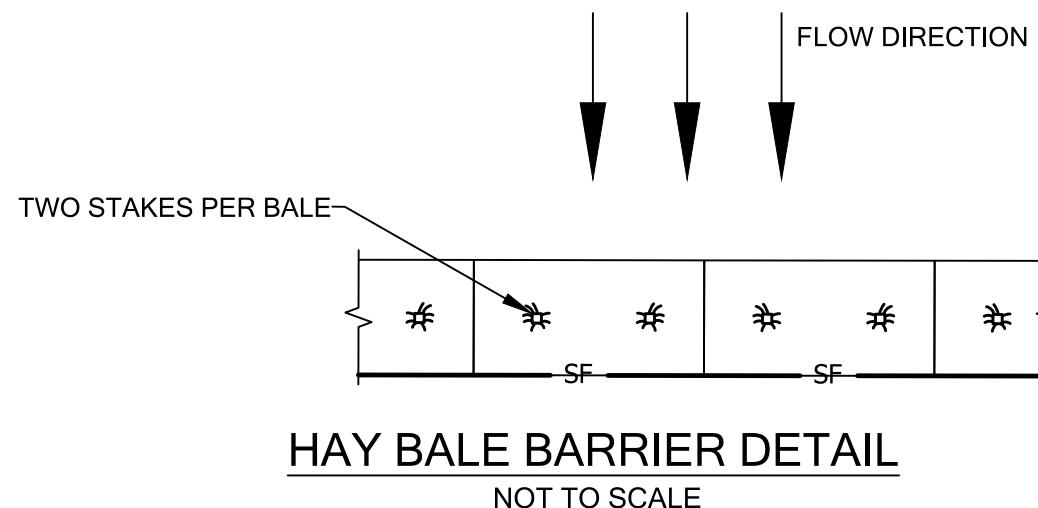


EXISTING CATCH BASIN  
TF = 190.63'

EXISTING CATCH BASIN  
TF = 186.72'  
INV. IN (18" RCP SW) = 182.72'  
INV. IN (24" RCP S) = 180.22'  
INV. OUT (24" RCP N) = 180.12'

EXISTING CATCH BASIN  
TF = 163.12'  
INV. IN (24" RCP S) = 163.42'  
INV. IN (24" RCP W) = 163.72'  
INV. OUT (24" RCP N) = 163.12'

**NORWICH - NEW LONDON TURNPIKE**  
(CONN. ROUTE #32)

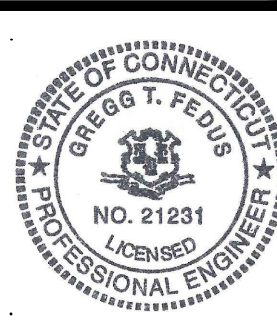


## SOIL EROSION AND SEDIMENT CONTROL PLAN NARRATIVE

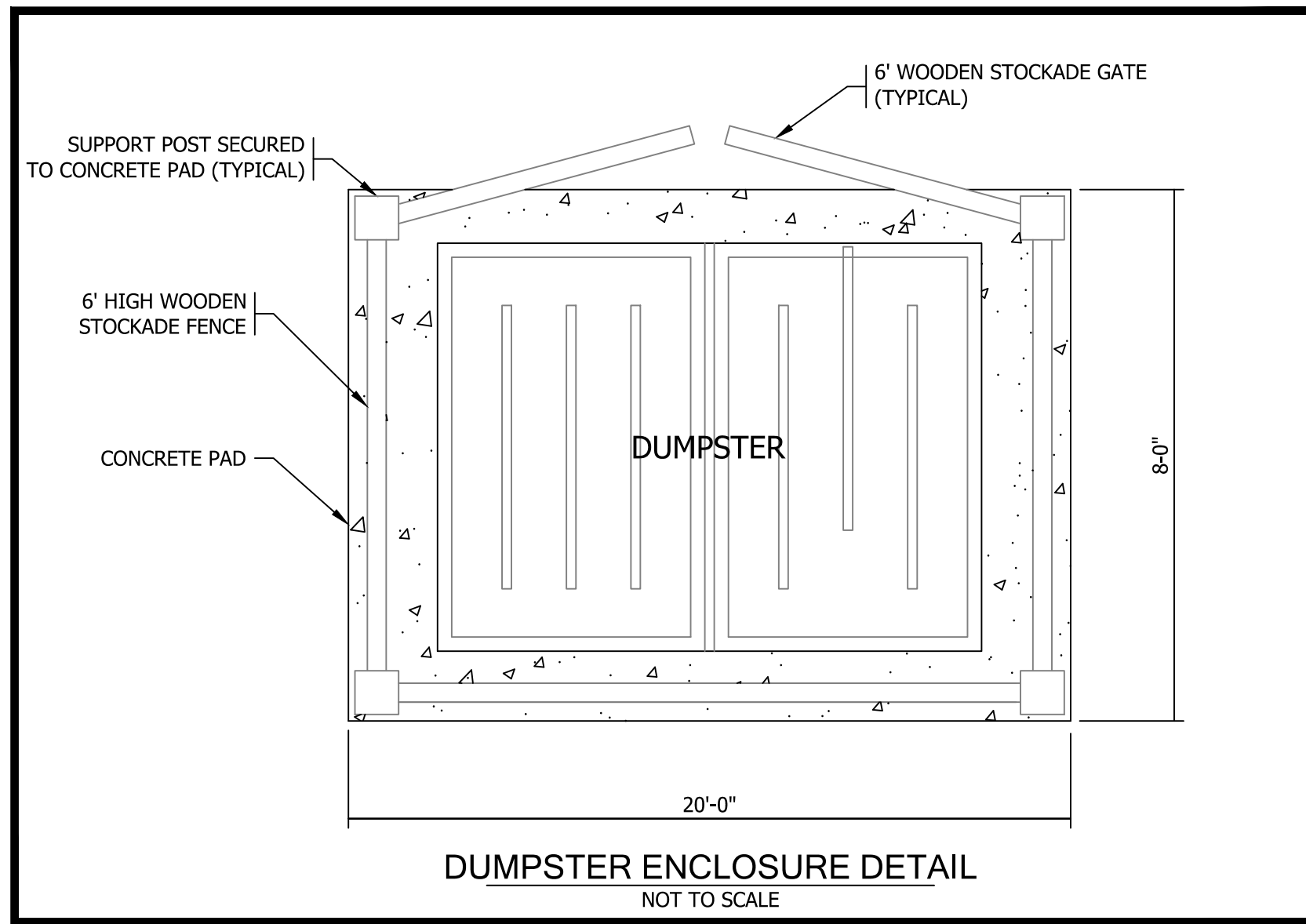
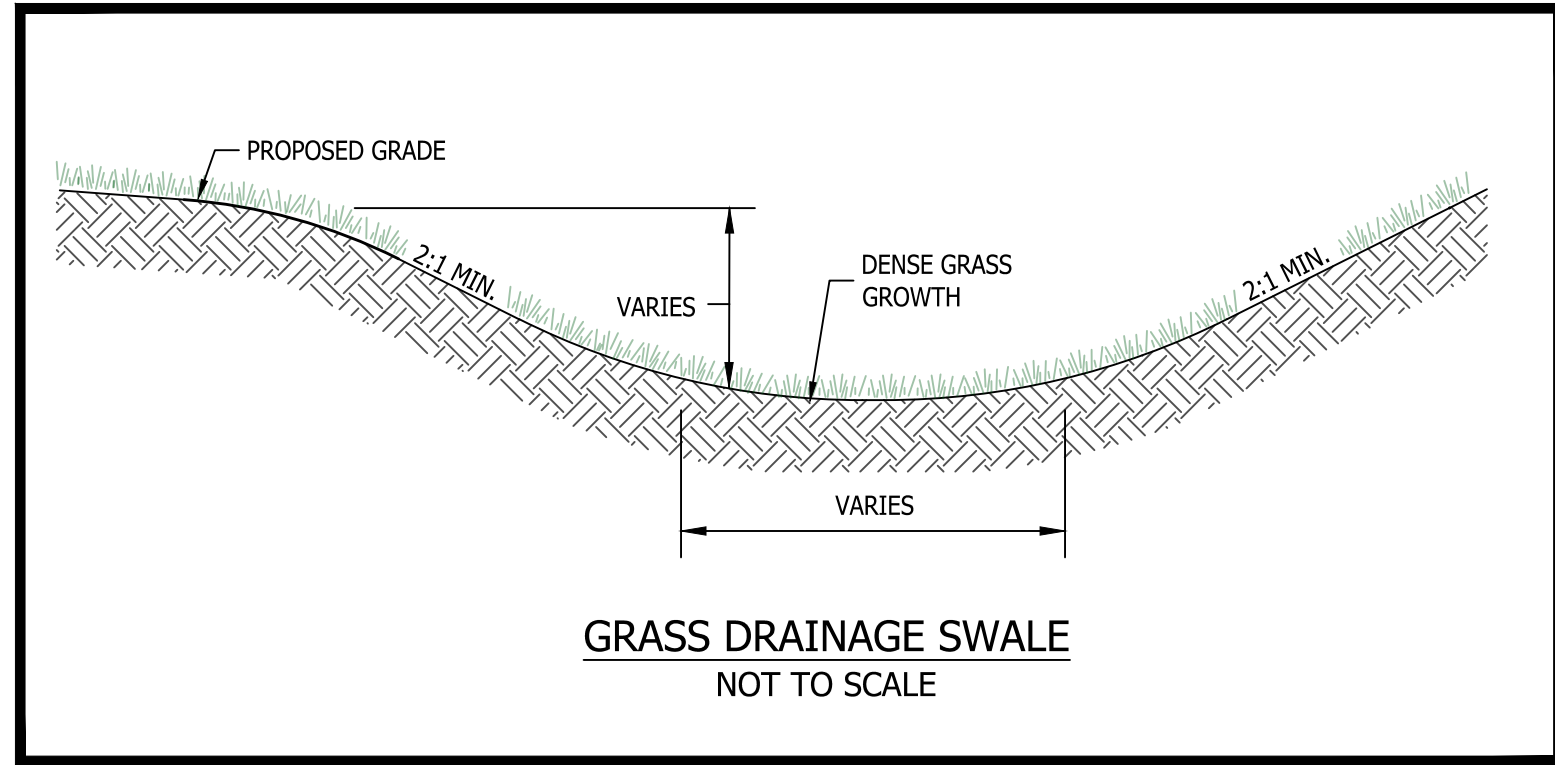
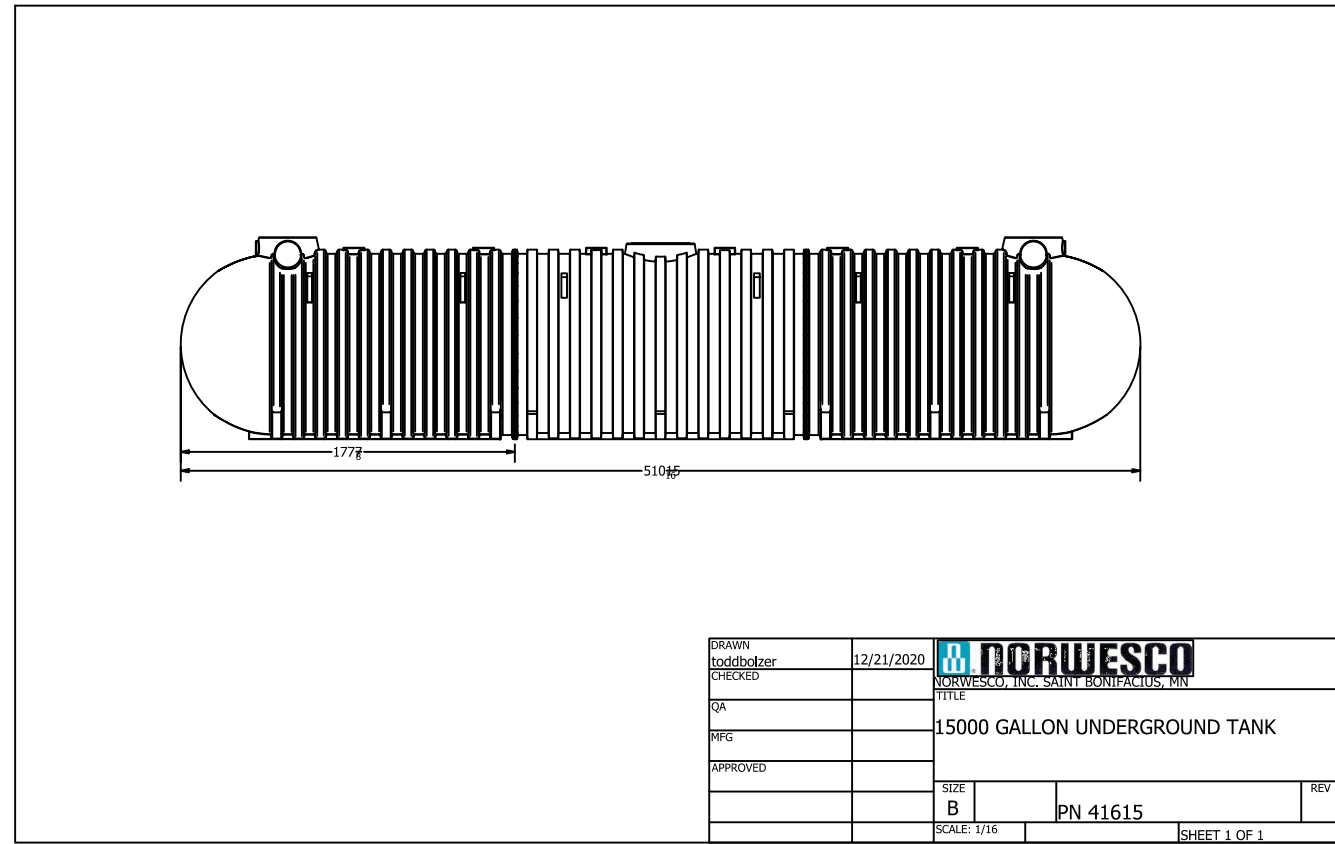
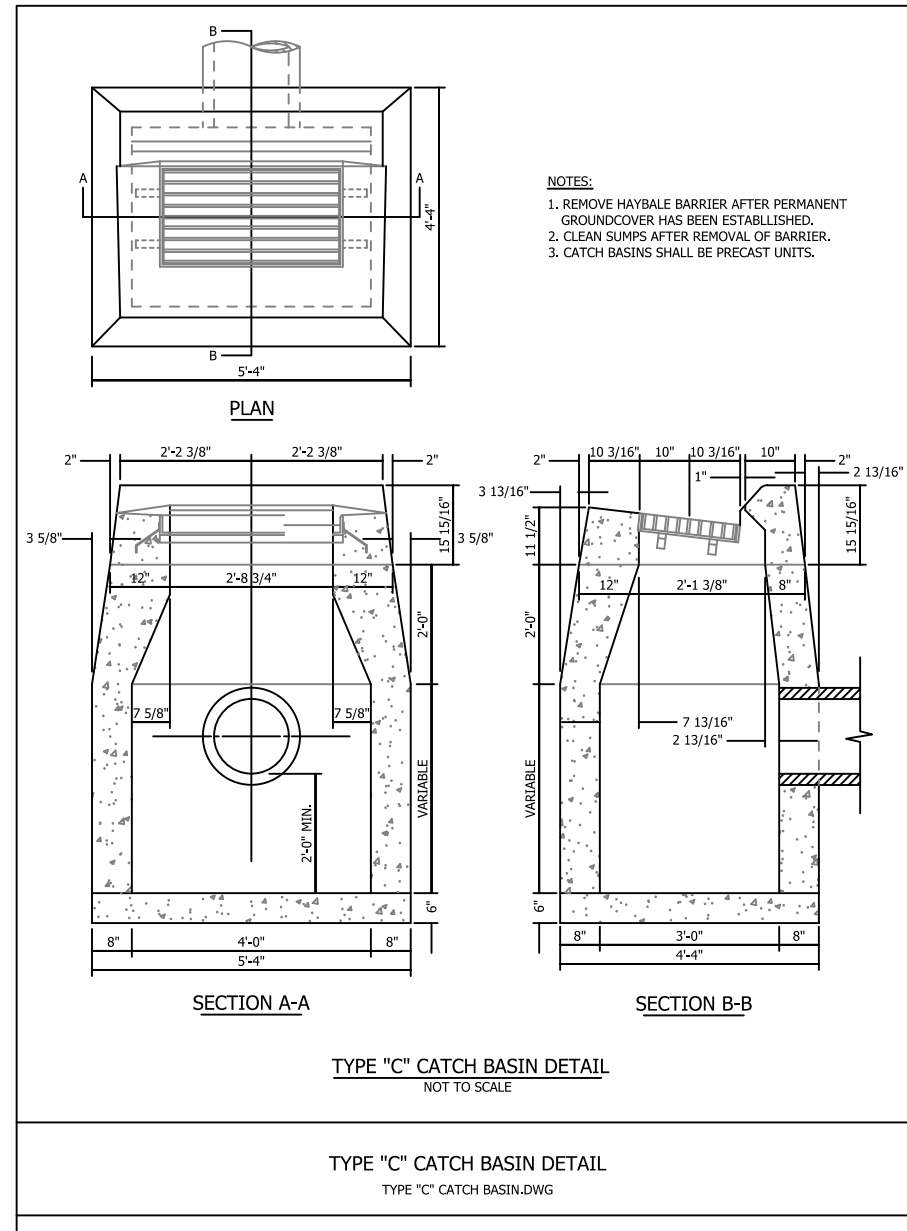
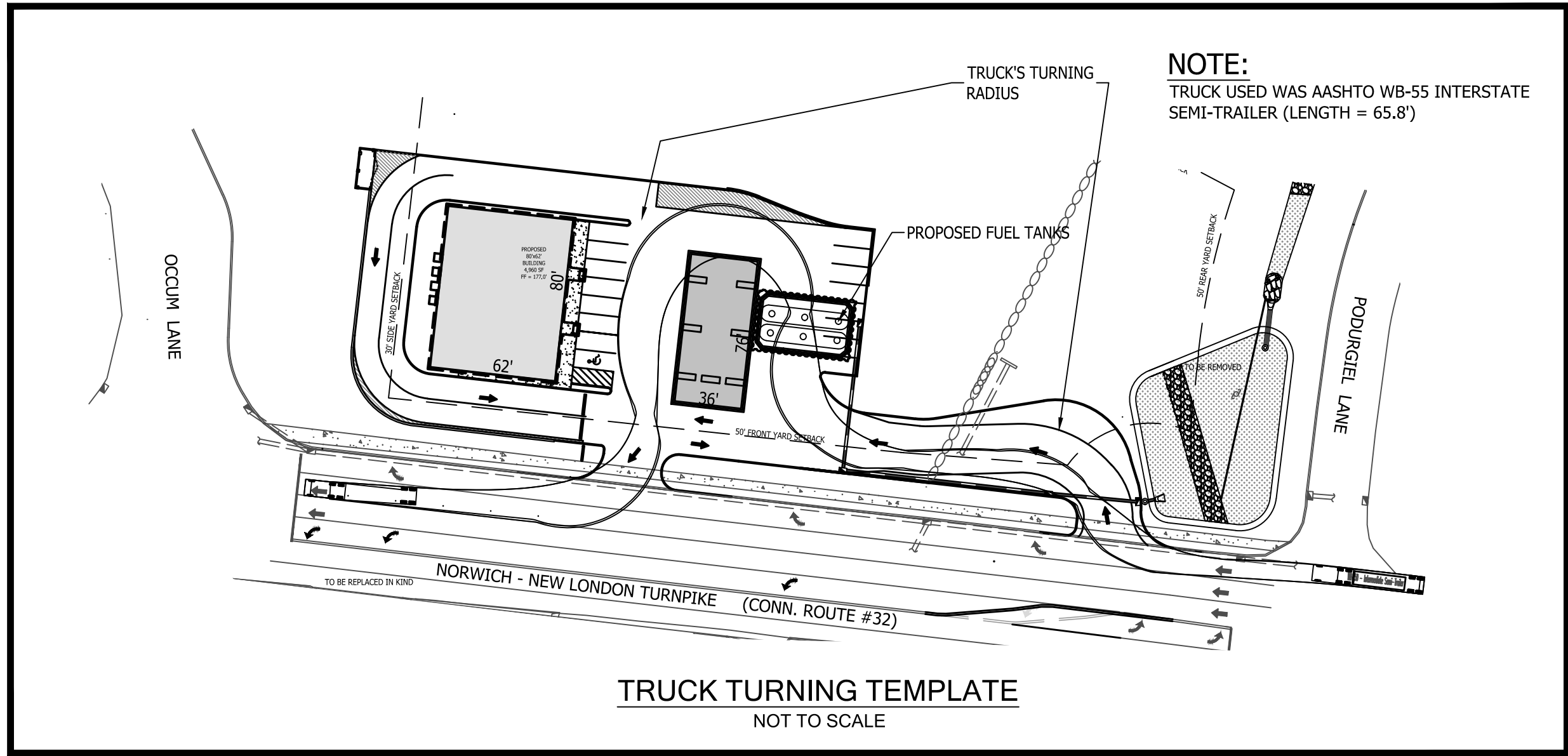
THE SITE CONTRACTOR MUST FOLLOW ALL GUIDELINES SET FORTH IN THE MANUAL ENTITLED "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" PUBLISHED BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION. THIS MANUAL IS ALSO KNOWN AS DEP BULLETIN 34. IN ADDITION THE SITE CONTRACTOR MUST FOLLOW THE TOWN'S ZONING AND SUBDIVISION REGULATIONS, TOWN EMERGENCY STANDARDS AND SPECIFICATIONS, CTDOT FORM 816 WHERE APPLICABLE.

**WETLANDS DELINEATED BY**  
DAVID LOBO, SOIL SCIENTIST  
DATE: 12/05/2022

Gregg T. Fedus P.E.  
CT. License No. 21231



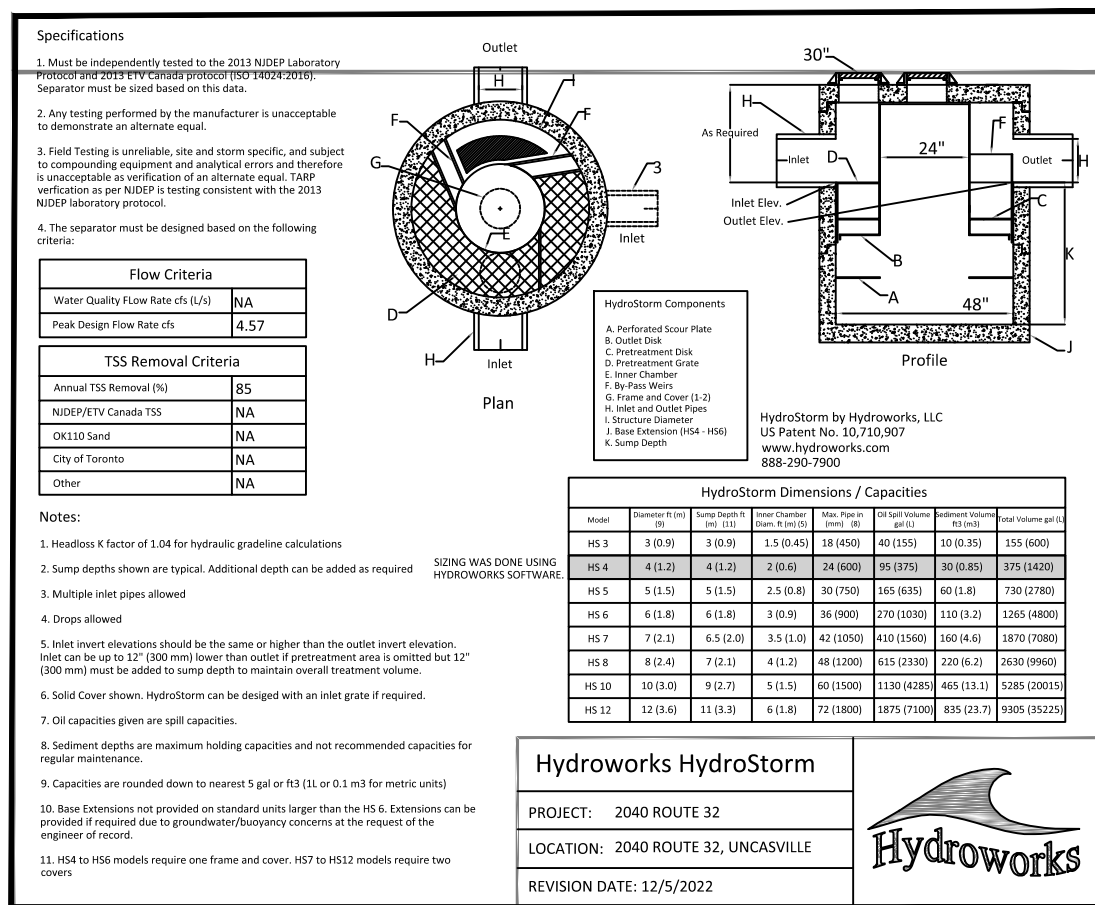
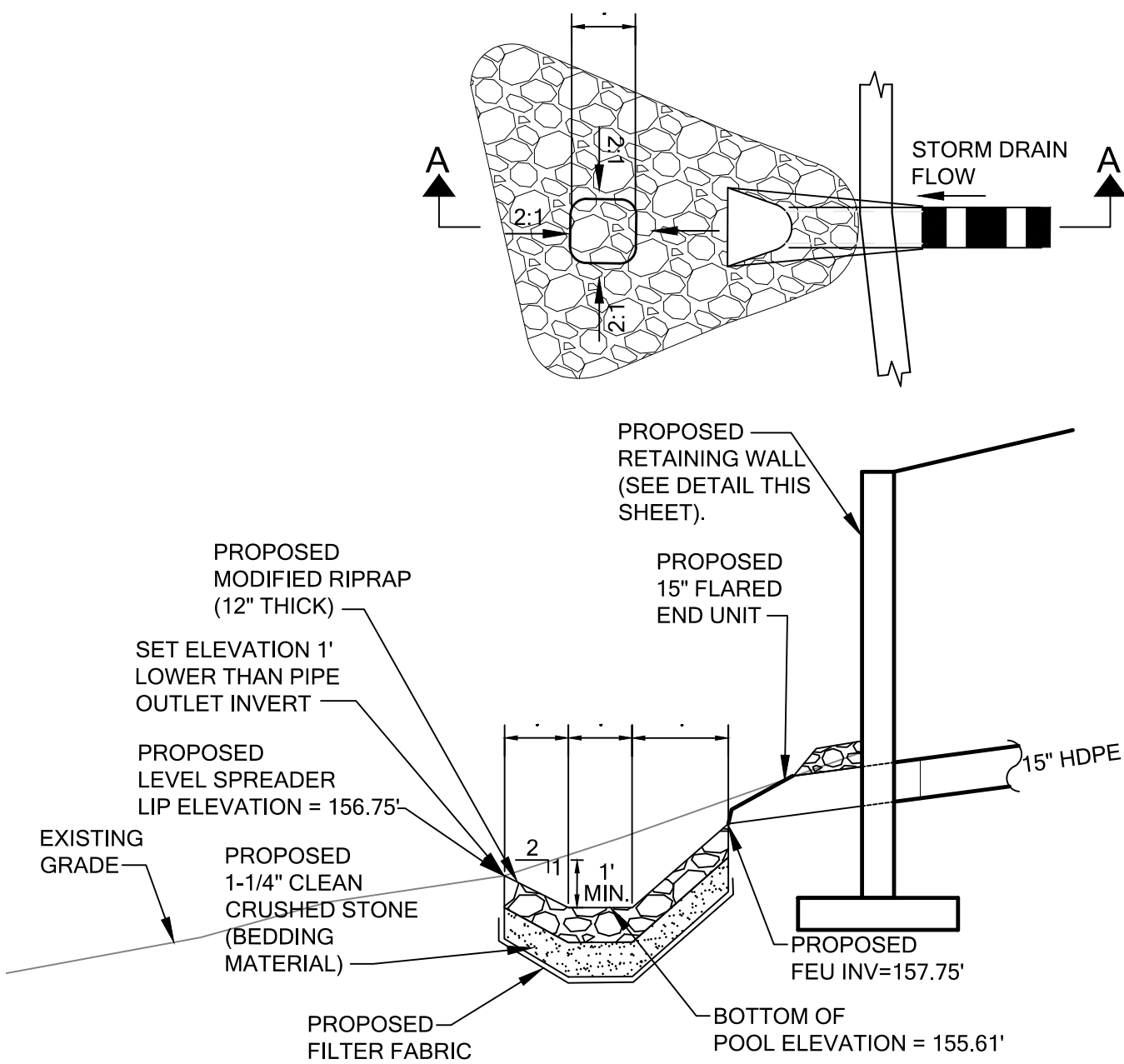
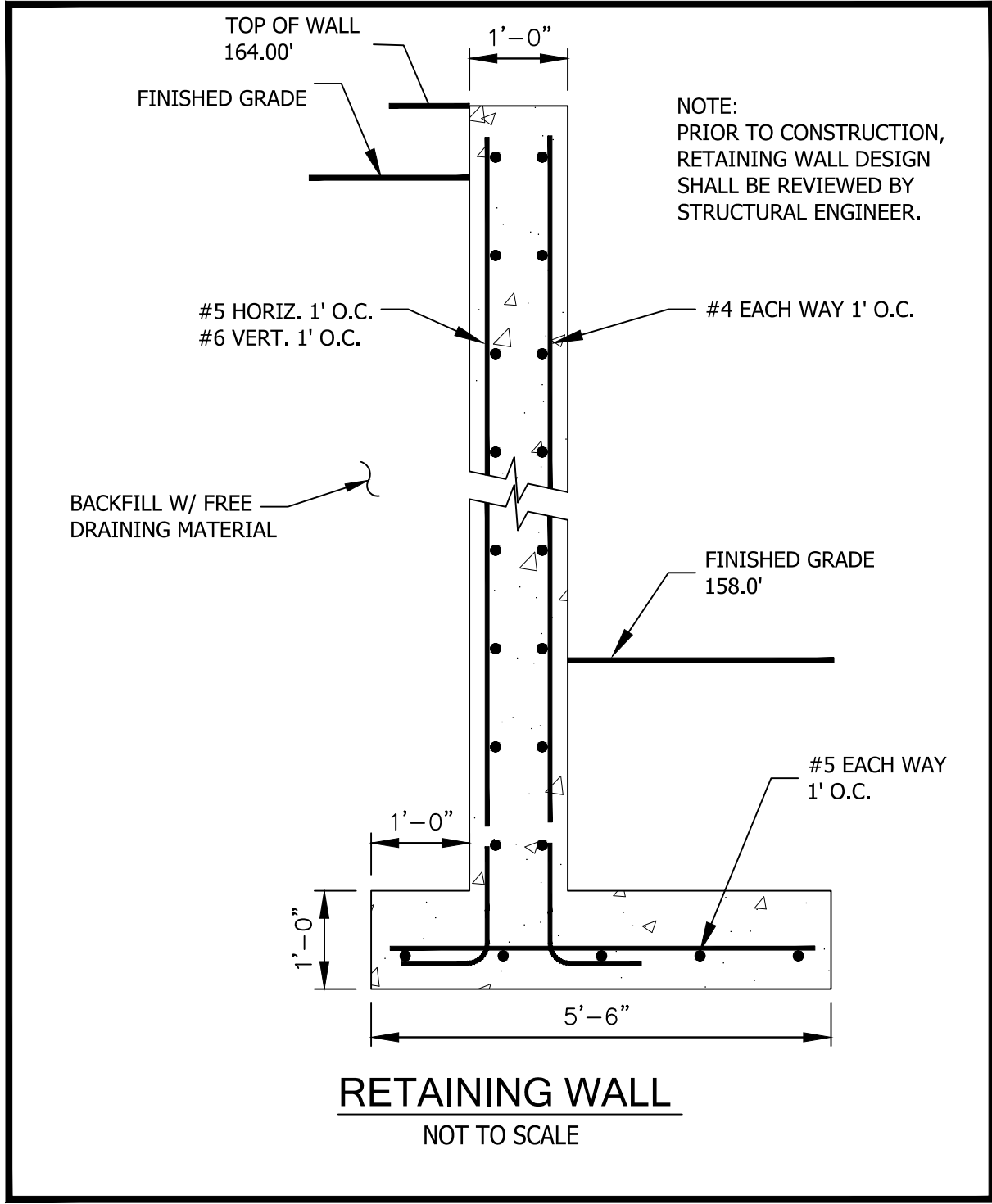




- HYDROWORKS HYDROSTORM**
  - THE HYDRODOME SEPARATOR SHOULD BE INSPECTED EVERY FOUR WEEKS AND AFTER EVERY LARGE STORM (OVER 0.5" (12.5 MM) OF RAIN) DURING THE CONSTRUCTION PERIOD.
  - INSPECT AT LEAST TWICE A YEAR.
  - THE MAINTENANCE FOR SEDIMENT ACCUMULATION IS REQUIRED IF THE DEPTH OF SEDIMENT IS 1 FT OR GREATER IN SEPARATORS WITH STANDARD WATER (SUMP) DEPTHS.
  - LOOK FOR OBSTRUCTIONS IN INLETS.
  - CLEAN ANY FLOATING DEBRIS IN THE SEPARATOR DURING THE INSPECTION.
  - LOOK FOR ANY CRACKING OR DEFICIENCIES IN THE CONCRETE.

- DETENTION BASIN**
  - MAKE SURE BASIN SURFACE IS CLEAR OF DEBRIS.
  - MOWING PERFORMED WHEN NECESSARY.
  - CHECK IF THERE IS EVIDENCE OF VEGETATION EROSION AND THAT VEGETATION COVERAGE IS ADEQUATE. IF NOT REPLACE VEGETATION.
  - MAKE SURE THAT DRAWDOWN TIMES DO NOT EXCEED 36 TO 48 HOURS.
  - FIRST FEW MONTHS AFTER CONSTRUCTION CHECK FOR EROSION AFTER MAJOR STORMS.
  - MAKE SURE OUTLET IS CLEAR OF DEBRIS.
  - MAKE SURE OVERFLOW SPILLWAY/EMERGENCY SPILLWAY IS CLEAR OF DEBRIS.
  - IF FILTER FABRIC IS EXPOSED/RIPPED REPLACE.
  - INSPECT AT LEAST TWICE A YEAR.
  - BASIN MOWED AND CLIPPINGS REMOVED.

- CATCH BASIN**
  - CLEAN AT LEAST ANNUALLY, AFTER THE SNOW AND ICE REMOVAL SEASON IS OVER AND AS SOON AS POSSIBLE BEFORE SPRING RAINFALL EVENTS.
  - IF A CATCH BASIN SIGNIFICANTLY EXCEEDS THIS ONE-HALF DEPTH STANDARD DURING THE ANNUAL INSPECTION, THEN IT SHOULD BE CLEANED MORE FREQUENTLY.



**SOIL EROSION AND SEDIMENT CONTROLS**

ALL ADJACENT PROPERTIES AND RECEIVING WATERCOURSES AND / OR WETLAND AREAS SHALL BE ADEQUATELY PROTECTED FROM SOIL EROSION AND SEDIMENTATION BOTH DURING AND AFTER CONSTRUCTION.

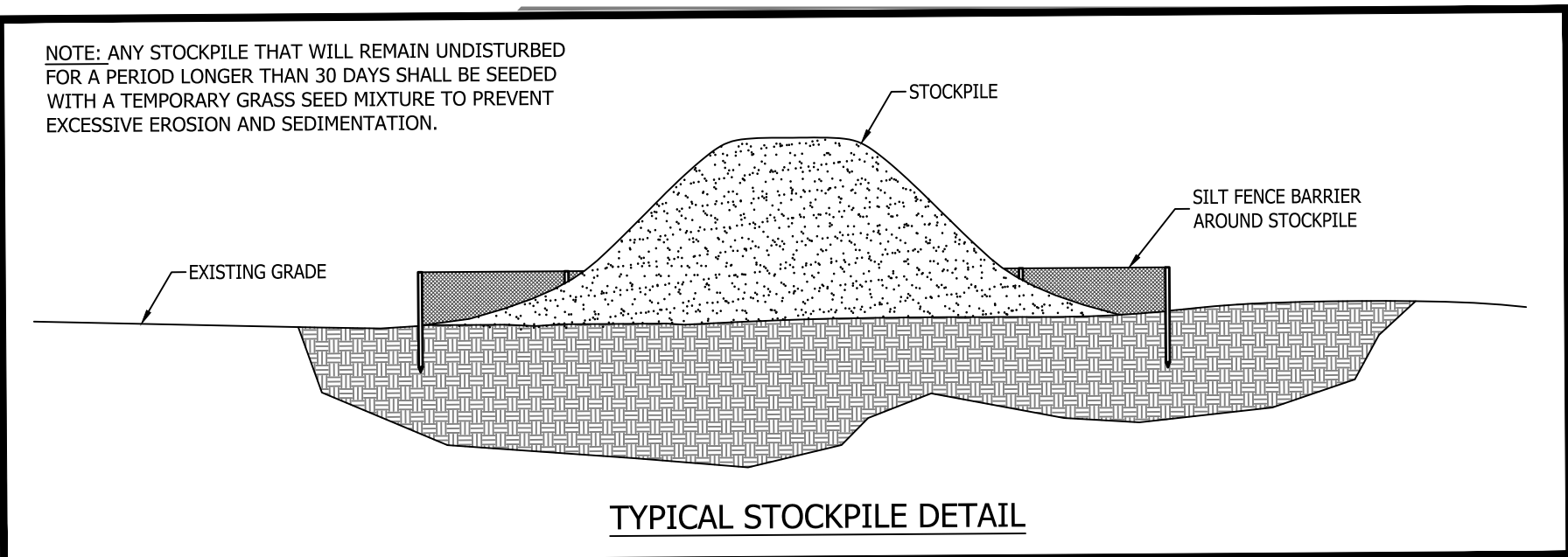
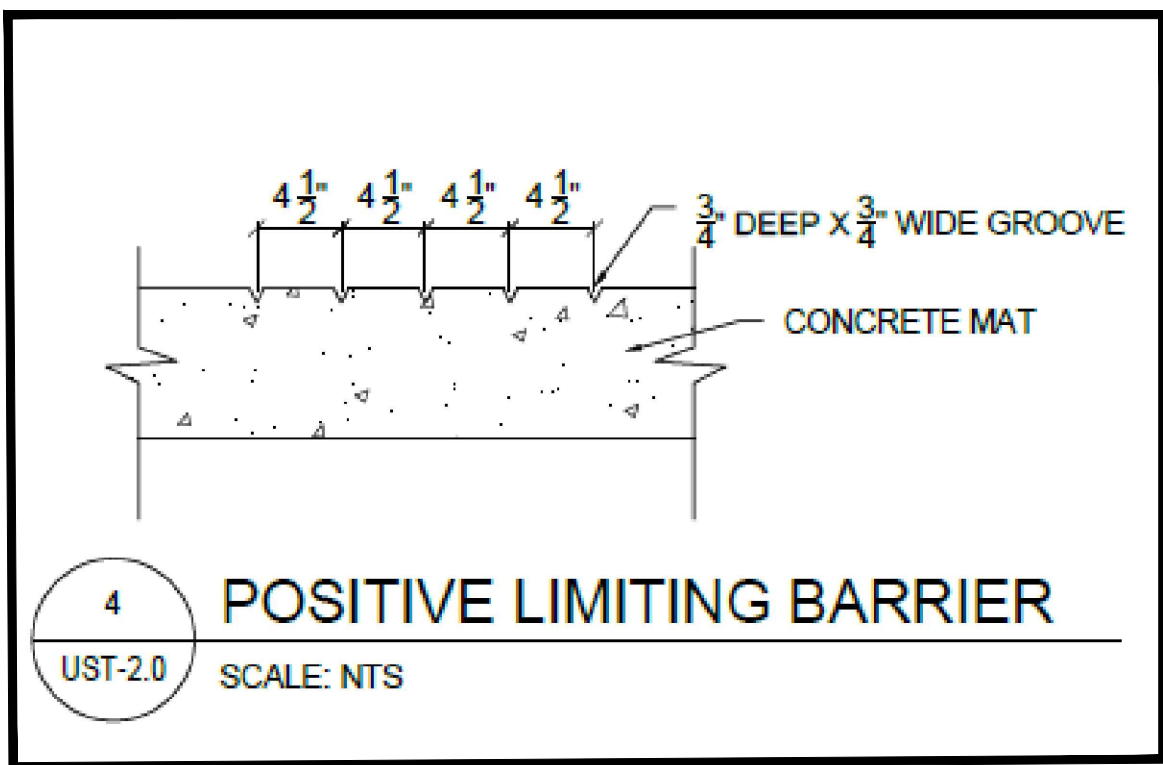
ALL CONSTRUCTION SITE RUNOFF SHALL BE ROUTED INTERNALLY TO STORMWATER MANAGEMENT AREA. SEDIMENT SHALL BE MONITORED, MAINTAINED AND REMOVED AFTER EACH STORM EVENT IN EXCESS OF 1" OF RAINFALL OR WHEN THE CAPACITY EXCEEDS 50% OF THE STORAGE VOLUME. EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER ALL RAINFALL EVENTS. E & S CONTROLS SHALL BE REPAIRED OR REPLACED AS NECESSARY WITHIN 24 HOURS THROUGHOUT THE CONSTRUCTION DURATION.

ADDITIONAL EROSION AND SEDIMENT CONTROLS MAY BE REQUIRED BY THE TOWN AND SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROLS BEFORE, DURING AND AFTER CONSTRUCTION. THE CONTRACTOR IS ALSO RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF ALL EROSION AND SEDIMENT CONTROLS ONCE THE SITE IS COMPLETELY STABILIZED.

ALL ACCUMULATED SEDIMENTS AT ALL EROSION AND SEDIMENT CONTROLS SHALL BE PERIODICALLY REMOVED AND SPREAD IN AREAS THAT ARE NOT SUBJECT TO EROSION.

THE PERMITTEE SHALL EMPLOY BEST MANAGEMENT PRACTICES, CONSISTENT WITH THE TERMS AND CONDITIONS OF THE INLAND WETLANDS PERMIT, TO CONTROL STORMWATER DISCHARGES AND TO PREVENT EROSION AND SEDIMENTATION AND TO OTHERWISE PREVENT POLLUTION OF WETLANDS OR WATERCOURSES. THE PERMITTEE SHALL IMMEDIATELY INFORM THE TOWN WETLANDS OFFICER OF ANY PROBLEMS INVOLVING WETLANDS OR WATERCOURSES THAT HAVE DEVELOPED IN THE COURSE OF, OR THAT ARE CAUSED BY, THE AUTHORIZED WORK.

THE RESPONSIBLE CONTACT PERSON FOR THE INSTALLATION AND MAINTENANCE OR EROSION AND SEDIMENTATION CONTROLS ON THIS PROJECT WILL BE THE SITE CONTRACTOR. THE CONTACT INFORMATION FOR THE CONTRACTOR WILL BE MADE AVAILABLE TO THE TOWN AS SOON AS IT IS AVAILABLE.



NO.	DATE	REVISIONS
1	12/05/2022	WETLAND COMMENTS

**Detail of**  
**2040 New London Turnpike**  
**(AKA CT RT 32)**  
**Uncasville, Connecticut**  
Prepared For:  
**AMER CHOUDREY**  
October 3, 2022

DRAWING SCALE: AS SHOWN

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Civil Engineers  
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