

SITE PLAN

BUDNEY OVERHAUL AND REPAIR, LTD.

2061 BERLIN TURNPIKE—BERLIN, CONNECTICUT

OWNER NAME: KEVIN M. BUDNEY LIFETIME TRUST ET AL
74 QUINCY TRAIL
BERLIN, CT 06037

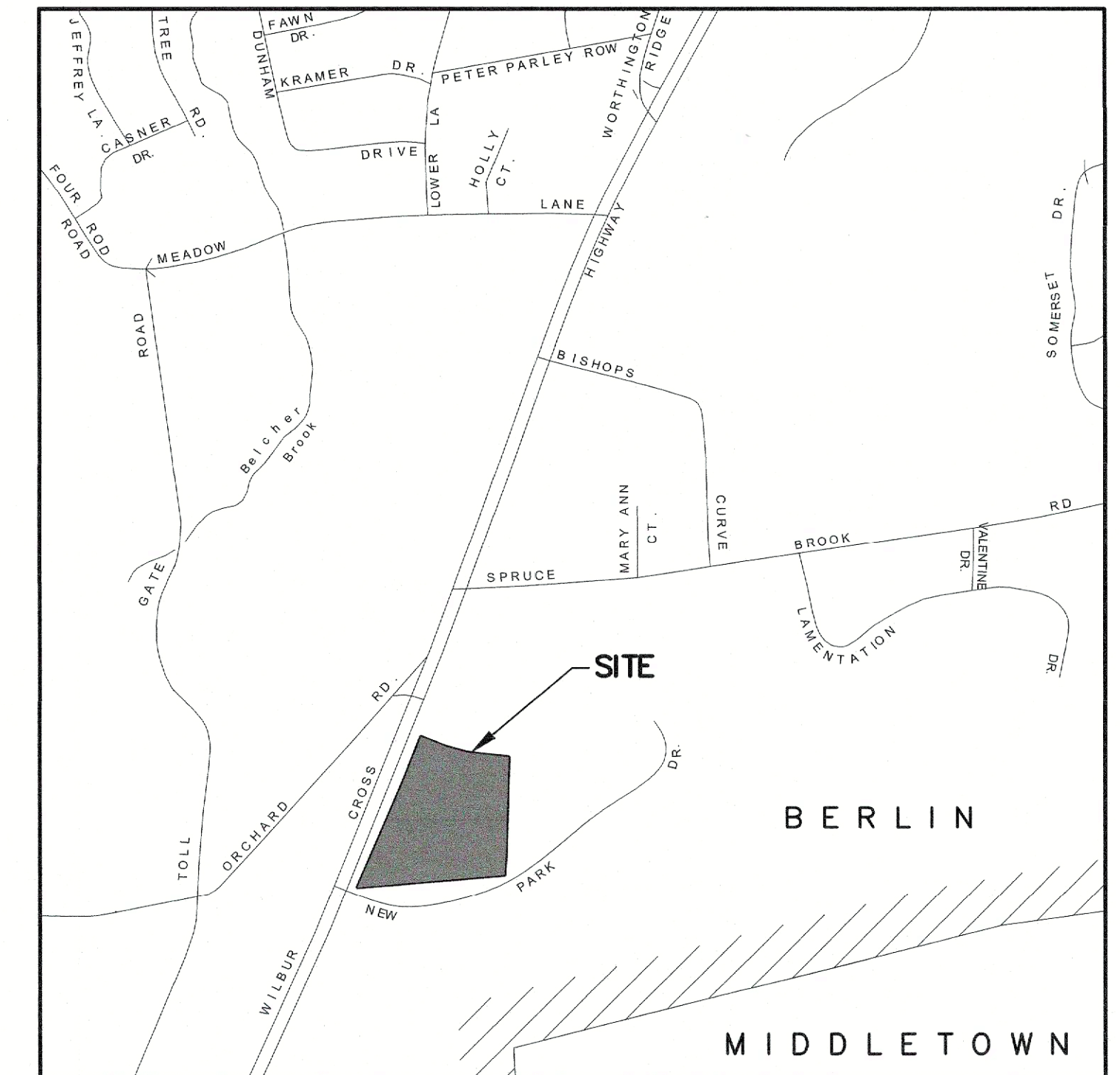
APPLICANT: BUDNEY OVERHAUL & REPAIR, LTD.
131 NEW PARK DRIVE
BERLIN, CONNECTICUT 06037
CONTACT: KEVIN BUDNEY 860-828-0585

**LAND SURVEYING-
LAND PLANNING:** THE BONGIOVANNI GROUP, INC.
170 PANE ROAD
NEWINGTON, CONNECTICUT 06111
(860) 666-0134

CIVIL ENGINEERING: WESTON & SAMPSON
712 BROOK STREET, SUITE 103
ROCKY HILL, CONNECTICUT 06067
(860) 513-1473



Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067
860.513.1473 800.SAMPSON
www.westonandsampson.com



VICINITY MAP

1"=800'

DRAWING INDEX

SHEET 1	COVER SHEET
SHEET 2	BOUNDARY SURVEY
SHEET 3	LAYOUT, GRADING, EROSION & SEDIMENT CONTROL PLAN
SHEET 4	EROSION AND SEDIMENT CONTROL NOTES & DETAILS
SHEET 5	STORMWATER & SITE DETAILS

ZONING REQUIREMENTS TABLE

ZONING DISTRICT: BT-1
USE: MANUFACTURER SHIPPING & DISTRIBUTION BUILDING
ACCESSORY TO BUDNEY OVERHAUL AND REPAIR, LTD. (LEASED PREMISES)

	REQUIRED	EXISTING	PROPOSED
MINIMUM FRONT YARD	50'	N/A	382.0'
MINIMUM SIDE YARD	25'	N/A	139.5'
MINIMUM REAR YARD	50'	N/A	51.0'
MINIMUM PARKING AND LOADING SETBACK	10'	N/A	N/A
MAXIMUM BUILDING COVERAGE	25%	0%	1.0%
MINIMUM LOT SIZE	2 AC.	11.4 AC.	11.4 AC.
MINIMUM LOT WIDTH	175'	924'	924'
MAX. IMPERVIOUS SURFACE COVERAGE	80%	0.7%	3.3%
MAX. FLOOR AREA RATIO	.5	0	.01
MAX. BUILDING HEIGHT	2.5 STORY/35'	N/A	1 STORY/22'

PARKING TABLE ANALYSIS FOR 131 NEW PARK DRIVE:

GROSS FLOOR AREAS:

EXISTING MAIN BUILDING (MANUFACTURING)= 52,730 S.F.

PARKING REQUIREMENT = 1 SPACE PER 500 S.F. OF GROSS FLOOR AREA
= 52,730 / 500
= 105.5
= 106 SPACES REQUIRED

TOTAL PARKING REQUIRED = 106 SPACES
TOTAL SITE PARKING PROVIDED = 175 SPACES

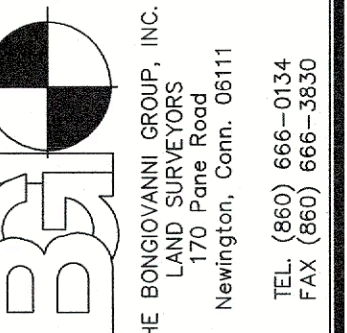
PARKING REQUIRED FOR 2061 BERLIN TURNPIKE

NUMBER OF EMPLOYEES = 2
NUMBER OF REQUIRED SPACES = 2

2 PARKING SPACES ON 131 NEW PARK DRIVE ARE TO BE USED AS
EMPLOYEE PARKING ON 2061 BERLIN TURNPIKE

GENERAL NOTES:

- ALL DISTURBED AREAS TO BE TOP SOILED AND SEEDED.
- LOT GRADING SHALL BE DONE TO PROVIDE SURFACE DRAINAGE AND PREVENT PONDING.
- VERTICAL DATUM = NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). HORIZONTAL DATUM = NORTH AMERICAN DATUM OF 1983 (NAD 83).
- ALL UTILITIES SHALL BE UNDERGROUND.
- SITE = 496,848 S.F. = 11.4061 ACRES.
- ACCESS TO THE SITE DURING CONSTRUCTION SHALL BE THROUGH THE CONSTRUCTION ENTRANCE AS SHOWN ON THE PLANS AND NO OTHER ACCESS SHALL BE ALLOWED.
- ACTUAL FIELD CONDITIONS MAY BE DIFFERENT OR CHANGED FROM THOSE CONDITIONS ASSUMED IN THE PREPARATION OF THIS PLAN AND IN SUCH CIRCUMSTANCES, THE TOWN ENGINEER MAY DIRECT THAT CERTAIN MODIFICATIONS OR AMENDMENTS BE EFFECTED AND CONSTRUCTED TO AMELIORATE SUCH CHANGED CONDITIONS.



THE BONGIOVANNI GROUP, INC.
LAND SURVEYORS
170 Pane Road
Newington, Conn. 06111
TEL: (860) 666-0134
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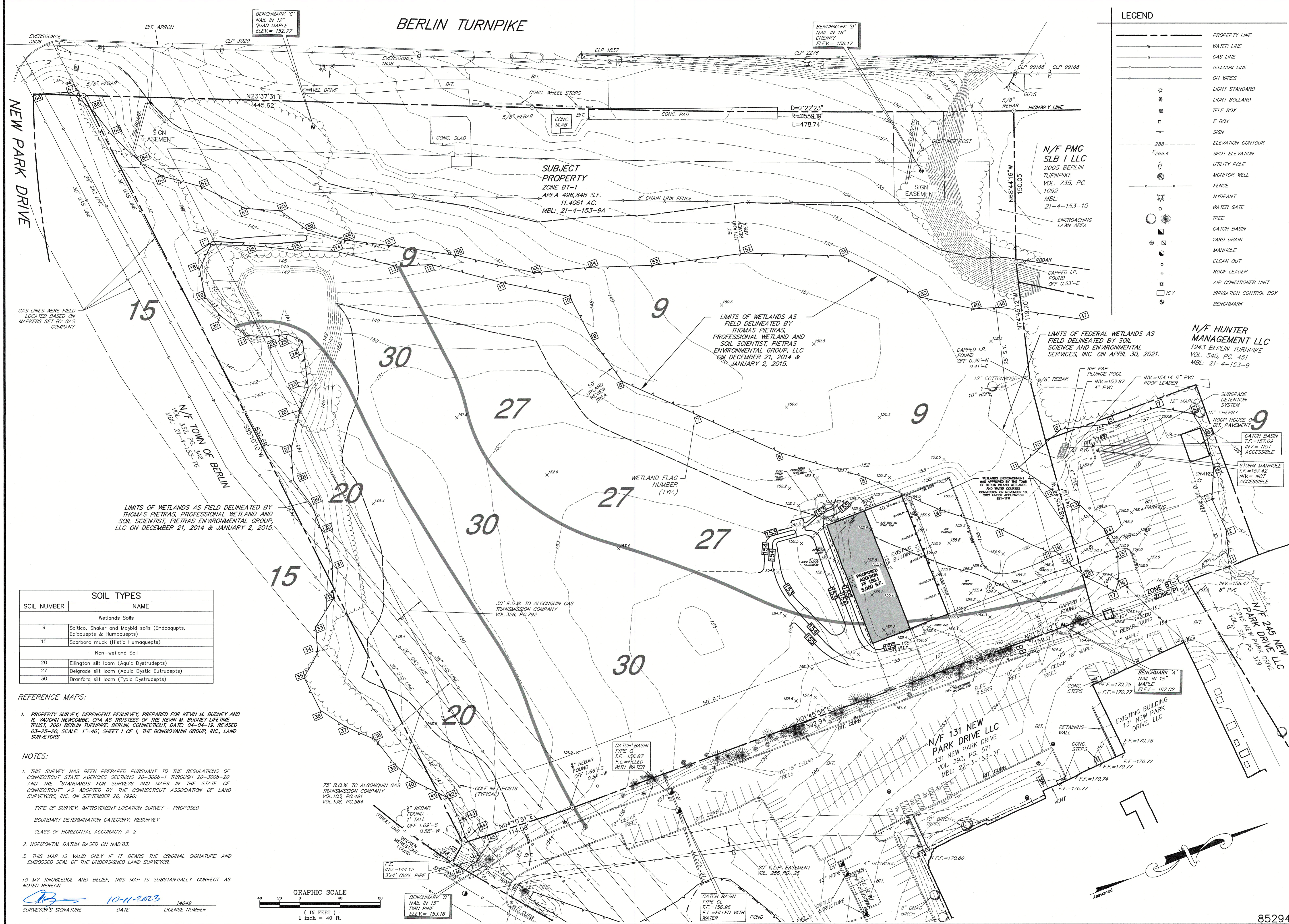
Date: 10-11-23	Scale: NONE
Drawn: BTM	Checked: AB
Revision	Date

MAP PREPARED FOR
BUDNEY OVERHAUL AND REPAIR LTD.
 2061 BERLIN TURNPIKE
 BERLIN, CONNECTICUT

COVER SHEET

1 of 5

BERLIN TURNPIKE



LEGEND

---	PROPERTY LINE
---	WATER LINE
---	GAS LINE
---	TELECOM LINE
---	OH WIRES
☆	LIGHT STANDARD
☆	LIGHT BOLLARD
☆	TELE BOX
☆	E BOX
☆	SIGN
---	ELEVATION CONTOUR
---	SPOT ELEVATION
---	UTILITY POLE
---	MONITOR WELL
---	FENCE
---	HYDRANT
---	WATER GATE
---	TREE
---	CATCH BASIN
---	YARD DRAIN
---	MANHOLE
---	CLEAN OUT
---	ROOF LEADER
---	AIR CONDITIONER UNIT
---	IRRIGATION CONTROL BOX
---	BENCHMARK

SOIL TYPES

SOIL NUMBER	NAME
Wetlands Soils	
9	Scitico, Shaker and Maybid soils (Endoaqupts, Epiaqupts & Humoaqupts)
15	Scarboro muck (Histic Humoaqupts)
Non-wetland Soil	
20	Ellington silt loam (Aquic Dystrudepts)
27	Belgrade silt loam (Aquic Dystrudepts)
30	Branford silt loam (Typic Dystrudepts)

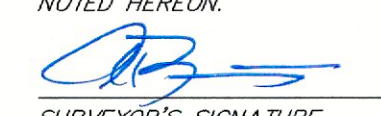
REFERENCE MAPS:

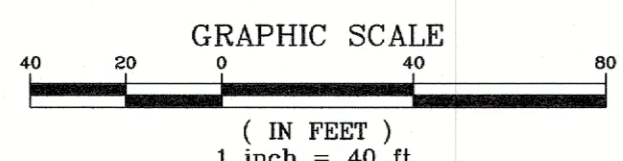
- PROPERTY SURVEY, DEPENDENT RESURVEY, PREPARED FOR KEVIN M. BUDNEY AND R. VAUGHN NEWCOMBE, CPA AS TRUSTEES OF THE KEVIN M. BUDNEY LIFETIME TRUST, 2061 BERLIN TURNPIKE, BERLIN, CONNECTICUT, DATE: 04-04-19, REVISED 03-25-20. SCALE: 1"=40', SHEET 1 OF 1, THE BONGIOVANNI GROUP, INC., LAND SURVEYORS

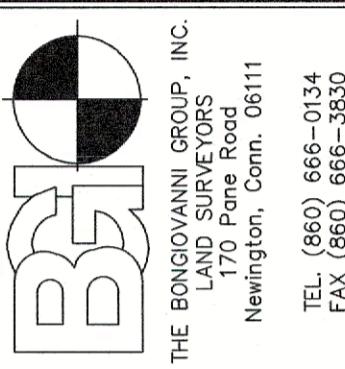
NOTES:

- THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-302b-1 THROUGH 20-302b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996;
- TYPE OF SURVEY: IMPROVEMENT LOCATION SURVEY - PROPOSED
BOUNDARY DETERMINATION CATEGORY: RESURVEY
CLASS OF HORIZONTAL ACCURACY: A-2
- HORIZONTAL DATUM BASED ON NAD'83.
- THIS MAP IS VALID ONLY IF IT BEARS THE ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE UNDERSIGNED LAND SURVEYOR.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.


 DATE: 10-11-2023
 LICENSE NUMBER: 14649





THE BONGIOVANNI GROUP, INC.
LAND SURVEYORS
Newington, Conn. 06111
TEL: (860) 666-0334
FAX: (860) 666-9880

Scale: 1"=40'	Checked: AB
Date: 10-11-23	Date:
Drawn: BTM	Revision

IMPROVEMENT LOCATION SURVEY - PROPOSED
 PREPARED FOR
BUDNEY OVERHAUL AND REPAIR LTD.
 2061 BERLIN TURNPIKE
 BERLIN, CONNECTICUT

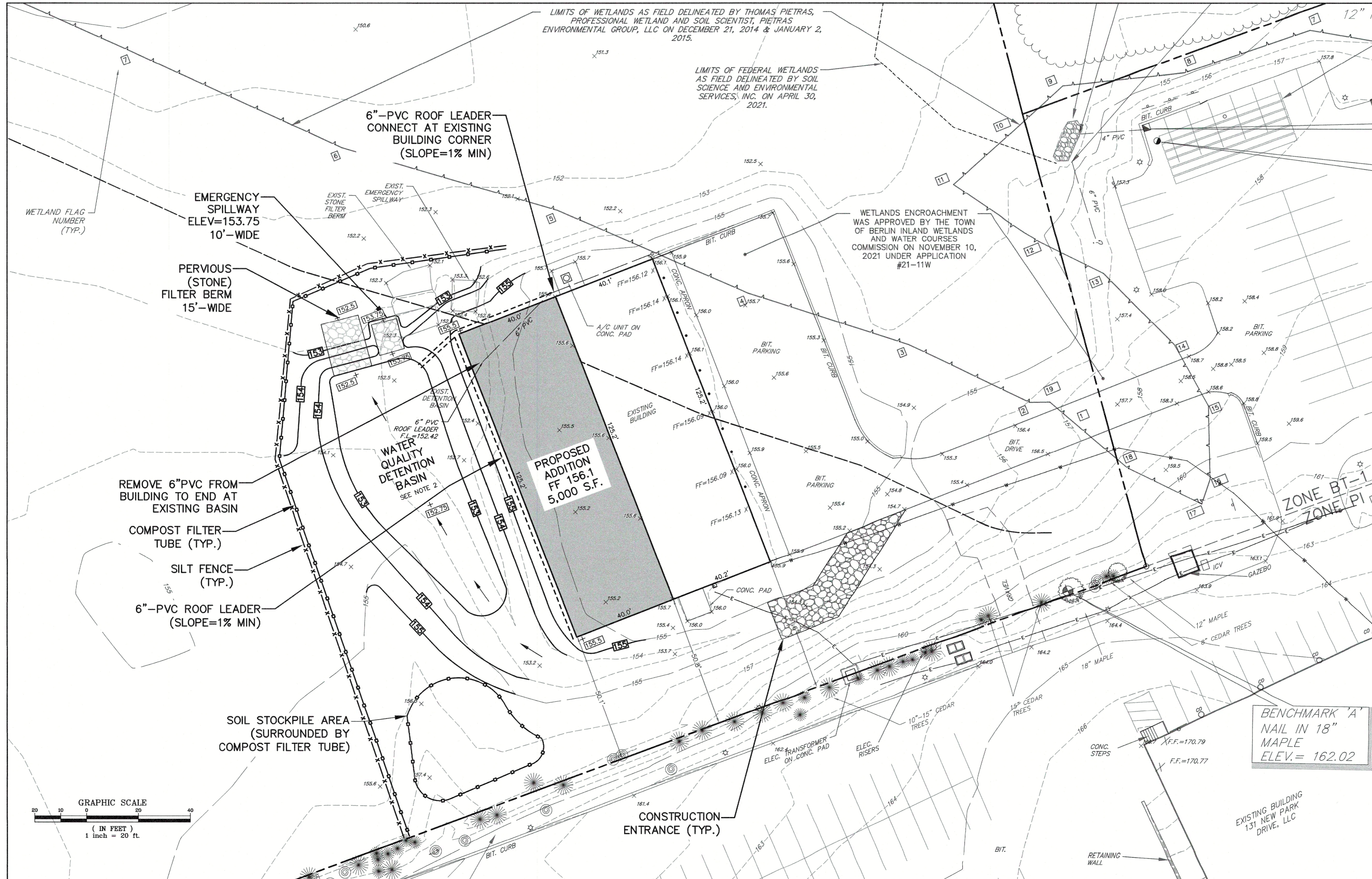
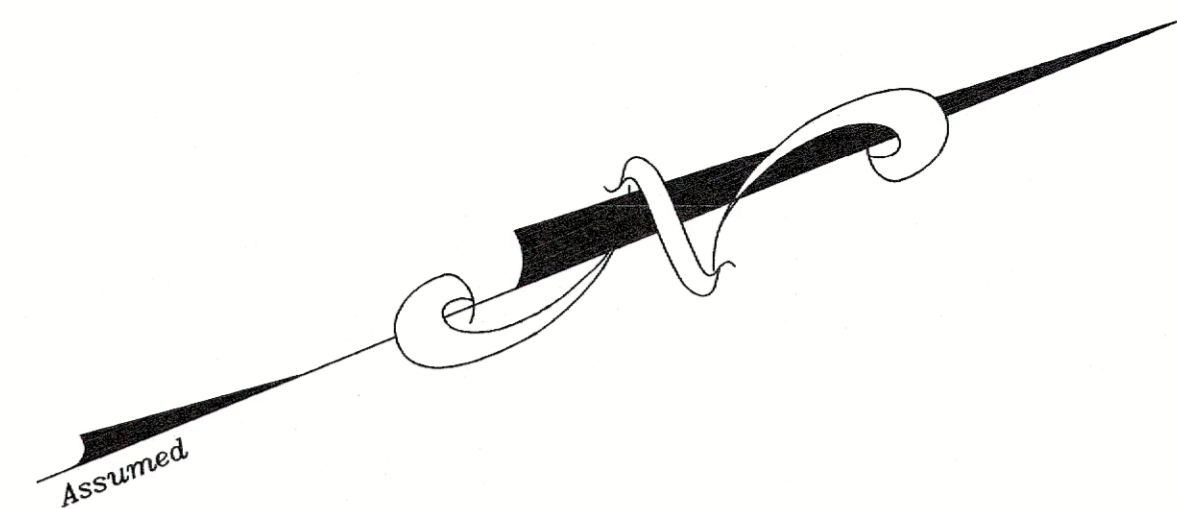
OVERALL
 SITE
 PLAN

2 of 5

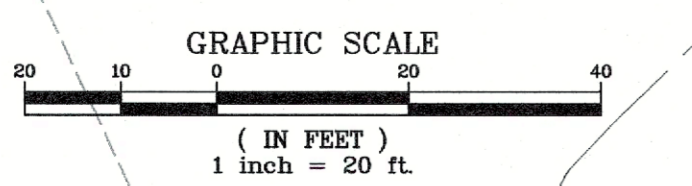
85294

LEGEND	
---	PROPERTY LINE
☆	LIGHT STANDARD
⊠	TELE BOX
□	E BOX
— —	SIGN
•	BOLLARD
---	ELEVATION CONTOUR
154.3	SPOT ELEVATION
○	UTILITY POLE
⊙	MONITOR WELL
—x—x—	FENCE
⊕	HYDRANT
⊙	WATER GATE
⊙	TREE
⊕	CATCH BASIN
⊕	YARD DRAIN
⊕	MANHOLE
⊕	ICV
CONC.	CONCRETE
BIT.	BITUMINOUS

LEGEND - PROPOSED	
140	PROPOSED ELEVATION CONTOUR
155.75	PROPOSED SPOT ELEVATION
—x—x—	PROPOSED SILT FENCE
—o—o—	PROPOSED COMPOST FILTER TUBE



- NOTES:**
- REFER TO CONSTRUCTION SEQUENCE FOR INSTALLATION OF SEDIMENTATION AND EROSION CONTROL MEASURES. PERMANENT TURF REINFORCEMENT MATTING FOR SLOPE PROTECTION SHALL BE INSTALLED WITHIN THE PRETREATMENT FOREBAY, DRAINAGE SWALE, AND WHERE PROPOSED SLOPES ARE 2:1 (OR STEEPER). TEMPORARY MATTING (JUTE MESH) SHALL BE USED FOR SLOPES THAT ARE FLATTER THAN 2:1.
 - IN ORDER TO ENSURE THAT SEDIMENT DOES NOT IMPACT THE FUNCTIONALITY OF THE STONE FILTER BERM, IT IS RECOMMENDED THAT THIS FEATURE BE CONSTRUCTED DURING THE LATER STAGES OF SITE WORK ONCE ALL UPGRADIENT AREAS HAVE BEEN STABILIZED AND VEGETATIVE STABILIZATION HAS BEEN ACHIEVED. BASIN SEED MIX FOR AREAS INSIDE BASIN SHALL BE "NEW ENGLAND EROSION CONTROL / RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES" CONTAINING A MIX OF THE FOLLOWING GRASS SPECIES: RIVERBANK WILD RYE (ELYMUS RIPARIUS), LITTLE BLUESTEM (SCHIZACHYRIUM SCOPARIUM), RED FESCUE (FESTUCA RUBRA), BIG BLUESTEM (ANDROPOGON GERARDII), SWITCH GRASS (PANICUM VIRGATUM), NEW YORK IRONWEED (VERONIA NOVEBORACENSIS), UPLAND BENTGRASS (AGROSTIS PERENNANS), BEGGAR TICKS (BIDENS FRONDOSA), SPOTTED JOE PYE WEED (EUPATORIUM MACULATUM), BONESET (EUPATORIUM PERFOLIATUM), NEW ENGLAND ASTER (ASTER NOVAE-ENGLIAE), WOOL GRASS (SCIRPUS CYPERINUS), SOFT RUSH (JUNCUS EFFUSUS).



GRADING PLAN - PROPOSED BUILDING 1"=20'

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Date: 10-11-23
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Scale: 1"=20'
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Revision
Date

IMPROVEMENT LOCATION SURVEY - PROPOSED
PREPARED FOR
BUDNEY OVERHAUL AND REPAIR LTD.
2061 BERLIN TURNPIKE
BERLIN, CONNECTICUT

GRADING
PLAN
20 SCALE

Sheet
3

of
5

85294

EROSION CONTROL NOTES

PROJECT DESCRIPTION

A COMMERCIAL BUILDING ADDITION IS PROPOSED ON A 11.4± ACRE PARCEL OF LAND LOCATED AT 2601 BERLIN TURNPIKE IN BERLIN, CONNECTICUT. IN ADDITION TO THE NEW COMMERCIAL ADDITION, THE PROJECT SHALL INCLUDE CONSTRUCTION OF NEW STORMWATER MANAGEMENT SYSTEM, TURF ESTABLISHMENT, AND EROSION & SEDIMENTATION CONTROL MEASURES.

WATER EROSION CONTROL MEASURES

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THIS EROSION AND SEDIMENT CONTROL PLAN AND THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL (2002). THE CONTRACTOR FOR THE PROJECT SHALL MAINTAIN A COPY OF THIS EROSION AND SEDIMENT CONTROL PLAN AND THE CONNECTICUT GUIDELINES ON-SITE DURING CONSTRUCTION ACTIVITIES.

EROSION AND SEDIMENT CONTROL MEASURES SHALL CONSIST OF SILT SOCK, SILT SACK (INLET PROTECTION), WOVEN FABRIC (SILT FENCE), CONSTRUCTION ENTRANCE, TEMPORARY SEDIMENT TRAP, TEMPORARY SWALES (IF REQUIRED), AND EROSION CONTROL BLANKETS.

ALL MATERIAL SHALL BE NEW AND FREE FROM DEFECTS THAT WOULD COMPROMISE THE EFFECTIVENESS OF THE CONTROL MEASURES. AFTER COMPLETION, ALL MATERIAL SHALL BE DISPOSED OF PROPERLY. LOCATION OF EROSION AND SEDIMENT CONTROL MEASURES CAN BE SEEN ON THE PHASED EROSION AND SEDIMENT CONTROL PLANS. NOTE ALL WATER CONTROL MEASURES SHALL BE LOCATED DOWN GRADIENT FROM DISTURBED AREAS. IF TOPSOIL IS TO BE STORED IN AN AREA NOT SHOWN ON THE SITE PLAN, DUE TO UNFORESEEN EVENTS, PRIOR TO STORING, THE DOWN-GRADIENT PERIMETER OF THE STORAGE AREA SHALL BE PROPERLY PROTECTED TO THE SPECIFICATIONS DETAILED ON THIS PLAN.

WIND EROSION CONTROL MEASURES

DURING DRY WEATHER CONDITIONS, DISTURBED AREAS SHALL BE PROTECTED AGAINST WIND EROSION. DUSTY AREAS SHALL BE SPRAYED WITH WATER TO PREVENT WIND-BORNE PARTICLES.

SEEDING

ALL DISTURBED AREAS SHALL BE RESTORED - REFER TO LANDSCAPE PLANS FOR APPLICABLE SEED MIX AND SOIL AMENDMENTS.

DEWATERING

IN THE EVENT DEWATERING IS REQUIRED, THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN A DEWATERING SETTLING BASIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EVALUATING THE REQUIRED DEWATERING RATES AND SIZING THE BASIN AS OUTLINED IN THE CONNECTICUT SOIL AND EROSION CONTROL GUIDELINES. THE DEWATERING BASINS SHALL BE LOCATED ON SITE AWAY AREAS WHERE SURFACE WATER IS DIRECTED AWAY FROM THE BASIN. DISCHARGE FROM THE BASIN SHALL BE DIRECTED AWAY FROM WETLAND AREAS AND SHALL NOT CREATE EROSION.

MAINTENANCE OF EROSION AND SEDIMENT CONTROLS

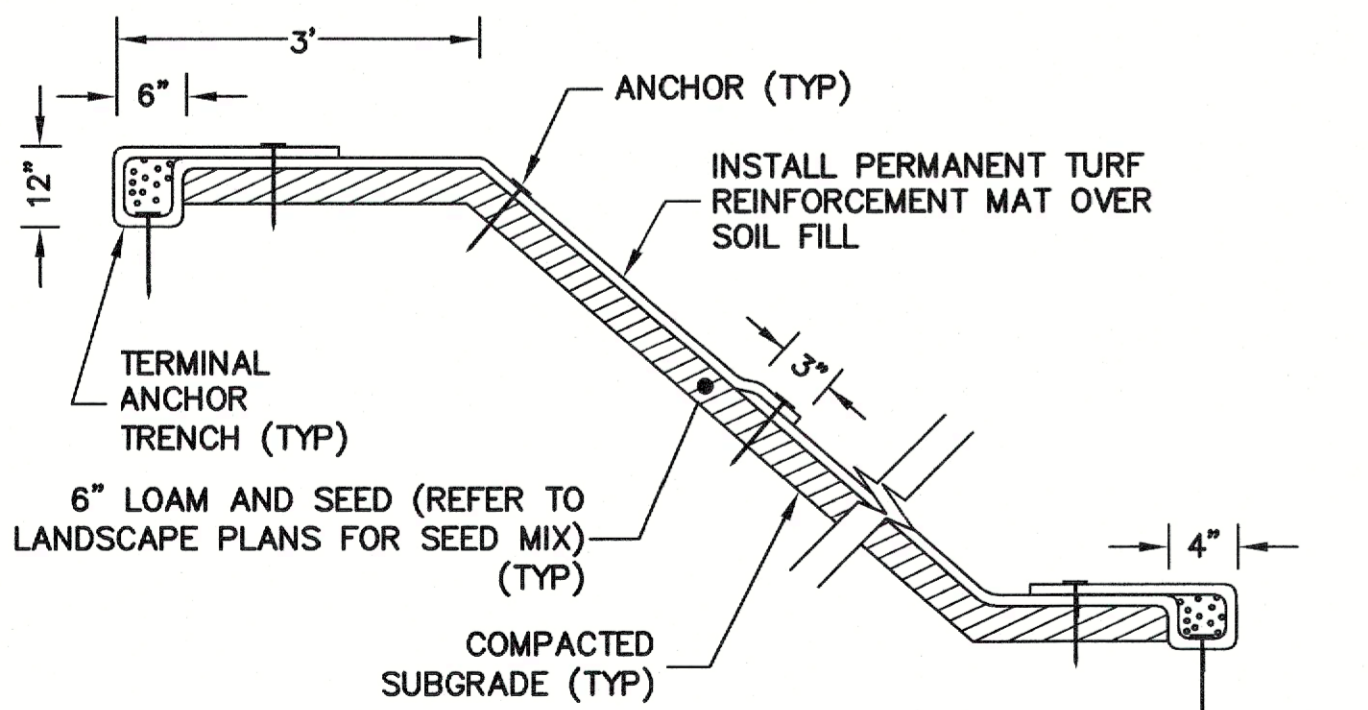
MAINTENANCE OF EROSION AND CONTROL SHALL BE COMPLETED IN ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL (2002). THE CONTRACTOR SHALL MAINTAIN A COPY OF THE GUIDELINES ON-SITE AND REFER TO THE APPROPRIATE MAINTENANCE PROCEDURES THAT SHALL BE UTILIZED DURING THE CONSTRUCTION. A SUMMARY OF THE MAINTENANCE REQUIREMENTS FOR THE PROJECT IS SUMMARIZED BELOW.

DURING THIS TIME ALL EROSION AND SEDIMENT STRUCTURES SHALL BE MAINTAINED IN PROPER WORKING ORDER. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM AND SHALL ONLY TAKE PLACE WHERE IMMEDIATELY REQUIRED TO FURTHER CONSTRUCTION. IT IS DESIRABLE FROM AN EROSION PREVENTION CONCERN TO MINIMIZE DISTURBED AREAS. FINAL GRADING AND SEEDING SHALL TAKE PLACE AS SOON AS PRACTICAL.

A RAIN GAUGE SHALL BE PLACED AT THE PROJECT IN A WORKABLE LOCATION AND MONITORED DURING RAINFALL PERIODS UNTIL ALL DISTURBED AREAS ARE STABILIZED. IN THE EVENT THERE IS A RAINFALL GREATER THAN 1/2" IN A 12 HOUR PERIOD, ALL EROSION CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS REQUIRED WITHIN 24-HOURS OF THAT RAIN EVENT. IF NO RAIN GAUGE IS USED, ALL EROSION CONTROL MEASURES SHALL BE CHECKED AFTER ALL RAINFALL EVENTS.

CONSTRUCTION ACCESS ROAD AND ENTRANCE:

CONSTRUCTION ACCESS ROAD SHALL BE INSPECTED AT THE COMPLETION OF EACH WORKING DAY. THE ACCESS ROAD AND ENTRANCE SHALL BE REPAIRED AND/OR TOP-DRESSED WITH ADDITIONAL AGGREGATE TO ELIMINATE RUTS AND PROVIDE A STABLE SURFACE FOR ENTERING AND EXITING THE PROJECT SITE. REMOVE ALL SEDIMENT SPILLED ON THE TRACKING PAD IMMEDIATELY TO AVOID TRACKING MATERIALS INTO EXISTING STREETS. ROADS ADJACENT TO THE CONSTRUCTION SHALL BE LEFT CLEAN AT THE END OF EACH WORKING DAY.



- NOTES**
1. INSTALL AND ANCHOR PER MANUFACTURER'S SPECIFICATIONS
 2. SHALL BE INSTALLED IN FOREBAY, SWALE, AND WHERE SLOPES ARE 2:1 OR STEEPER.
 3. MATTING SHALL BE FROM CTDOT QUALIFIED PRODUCTS LIST FOR "EROSION CONTROL (CLASS B)". USE MIRAFI 140N, MANUFACTURED BY TENCATE OR APPROVED EQUAL.

VEGETATIVE SLOPE PROTECTION DETAIL

N.T.S.

SILT FENCE AND STRAW BALES:

THESE FACILITIES SHALL BE INSPECTED A MINIMUM OF ONCE PER WEEK OR AS REQUIRED ABOVE, BASED ON RAINFALL AT THE PROJECT SITE. REPAIRS AND MAINTENANCE SHALL BE COMPLETED AS NEEDED TO MAINTAIN THE FACILITIES IN PROPER WORKING ORDER. ADDITIONAL SILT FENCE AND STRAW BALES SHALL BE ADDED AS NEEDED DURING THE PROJECT TO REPLACE FAILED SYSTEMS OR LIMIT OTHER AREAS OF EROSION ON THE SITE.

TEMPORARY BERMS/SWALES (AS NEEDED):

THE SWALE SHALL BE INSPECTED A MINIMUM OF ONCE PER WEEK OR AS REQUIRED ABOVE, BASED ON RAINFALL AT THE PROJECT SITE. REPAIRS AND MAINTENANCE SHALL BE COMPLETED AS NEEDED TO MAINTAIN THE FACILITIES IN PROPER WORKING ORDER. THE SWALE SHALL BE CLEANED AS REQUIRED AND ADDITIONAL STONE PROVIDED IN THE SWALE AS NEEDED.

TEMPORARY SEDIMENTATION TRAP(S):

THE SEDIMENTATION TRAP SHALL BE INSPECTED A MINIMUM OF ONCE PER WEEK OR AS REQUIRED ABOVE, BASED ON RAINFALL AT THE PROJECT SITE. REPAIRS AND MAINTENANCE SHALL BE COMPLETED AS NEEDED TO MAINTAIN THE FACILITY IN PROPER WORKING ORDER. THE SEDIMENTATION TRAP SHALL BE CLEANED WITH THE SEDIMENT ACCUMULATED EXCEEDS ONE HALF OF THE STORAGE CAPACITY OR WHEN THE DEPTH OF THE AVAILABLE WATER IS REDUCED TO LESS THAN 18-INCHES. THE CONTRACTOR SHALL INSTALL A MARKER STAKE IN 2 LOCATIONS WITHIN THE SEDIMENTATION TRAP FOR THE PURPOSE OF TRACKING SEDIMENT LEVELS WITHIN THE TRAP. DURING REMOVAL OF THE SEDIMENT THE CONTRACTOR SHALL FOLLOW ALL PROCEDURES OUTLINED IN THE CONNECTICUT GUIDELINES FOR SOIL AND EROSION CONTROL (2002). EXCAVATED SEDIMENTS SHALL BE STAGED AND SURROUNDED WITH STRAW BALES IN A MANNER SIMILAR TO STAGING FOR STOCKPILES.

A CHECK LIST (PROVIDED BY THE RESIDENT REPRESENTATIVE) SHALL BE FILLED OUT BY THE CONTRACTOR EVERY WEEK OR AFTER EACH RAINFALL EVENT OF 1/2" OR GREATER AS NOTED ABOVE.

GENERAL NOTES

ALL DISTURBED AREAS SHALL BE KEPT TO A MINIMUM. FINAL GRADING AND RESTORATION SHALL BE ACCOMPLISHED AS SOON AS PRACTICAL.

EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSTALLED PRIOR TO SITE WORK. IF IT IS NOT POSSIBLE TO DO SO, THE ENGINEER SHALL BE NOTIFIED IN ORDER TO MAINTAIN THE INTEGRITY OF DESIGN.

ALL CONTROL STRUCTURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND REMOVED WHEN STABILIZATION HAS BEEN ATTAINED. IF THE PROPOSED CONTROL MEASURES ARE NOT SATISFACTORY, ADDITIONAL CONTROL MEASURES SHALL BE TAKEN.

ALL RUNOFF FROM THE DISTURBED AREA SHALL BE CONTROLLED AND FILTERED. NON-WOVEN SYNTHETIC FIBER FILTER FABRIC, STRAW BALES OR SILTATION FENCE SHALL BE USED IN THE AREAS SHOWN ON THE SITE PLAN AND INSTALLED AS SHOWN ON THIS PLAN.

A CT DEEP GENERAL PERMIT FOR THE DISCHARGE OF STORMWATER AND DEWATERING WASTEWATERS FROM CONSTRUCTION ACTIVITIES WILL BE REQUIRED FOR THE PROPOSED PROJECT.

THE CONTRACTOR MUST OBTAIN COPIES OF THE ZONING, WETLANDS AND CTDEEP STORMWATER PERMITS PRIOR TO THE START OF WORK.

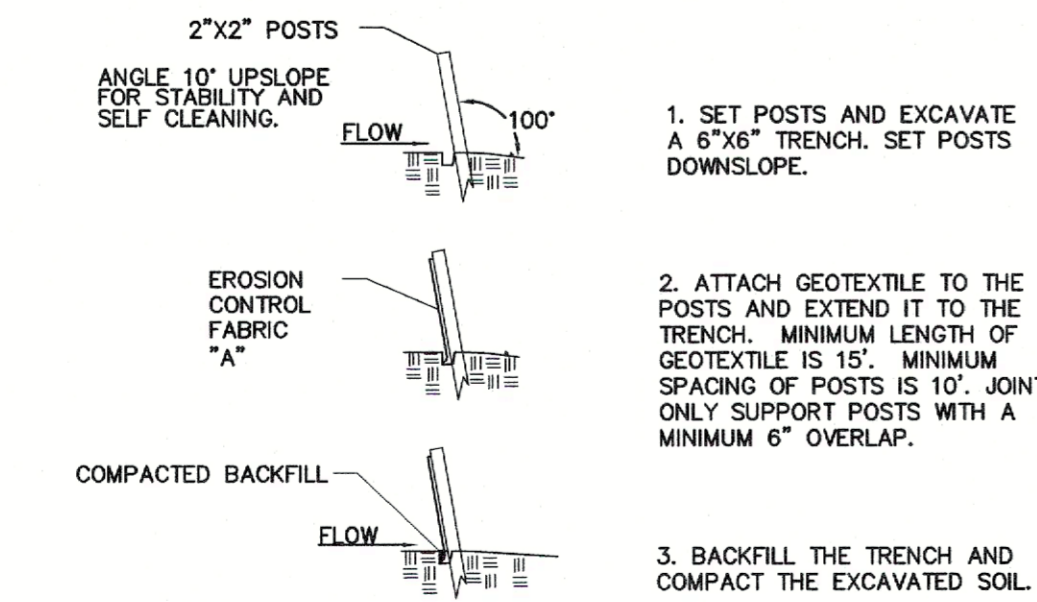
THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF SEDIMENT AND EROSION CONTROL MEASURES. THIS RESPONSIBILITY INCLUDES THE ACQUISITION OF MATERIALS, INSTALLATION, AND MAINTENANCE OF EROSION AND SEDIMENT STRUCTURES, THE COMMUNICATION AND DETAILED EXPLANATION TO ALL PEOPLE INVOLVED IN THE SITE WORK OF THE REQUIREMENTS AND OBJECTIVE OF THE EROSION AND SEDIMENT CONTROL MEASURES.

TWO (2) WEEKS PRIOR TO THE START OF WORK THE CONTRACTOR SHALL PROVIDE THE NAME AND PHONE NUMBER OF THE INDIVIDUAL RESPONSIBLE FOR IMPLEMENTATION OF THIS PLAN.

NOTIFY THE ZONING ENFORCEMENT OFFICER FOR INSPECTING THE EROSION AND SEDIMENTATION CONTROLS PRIOR TO BEGINNING EARTHWORK AND AFTER THE EROSION AND SEDIMENT MEASURES HAVE BEEN INSTALLED.

NOTIFY THE ZONING ENFORCEMENT OFFICER FOR INSPECTING THE NEW VEGETATION AFTER VEGETATION IS ESTABLISHED AND PRIOR TO REMOVING ANY EROSION AND SEDIMENT MEASURES.

THE ENGINEER, WESTON & SAMPSON ENGINEERS, INC. (860-616-6623) #712 BROOK STREET, ROCKY HILL, CT, 06067 SHALL BE NOTIFIED OF ANY PROPOSED ALTERATION TO THE EROSION AND SEDIMENT CONTROL PLAN, PRIOR TO ALTERING, IN ORDER TO ENSURE THE FEASIBILITY OF THE ADDITION, SUBTRACTION, OR CHANGE IN THE PLAN.

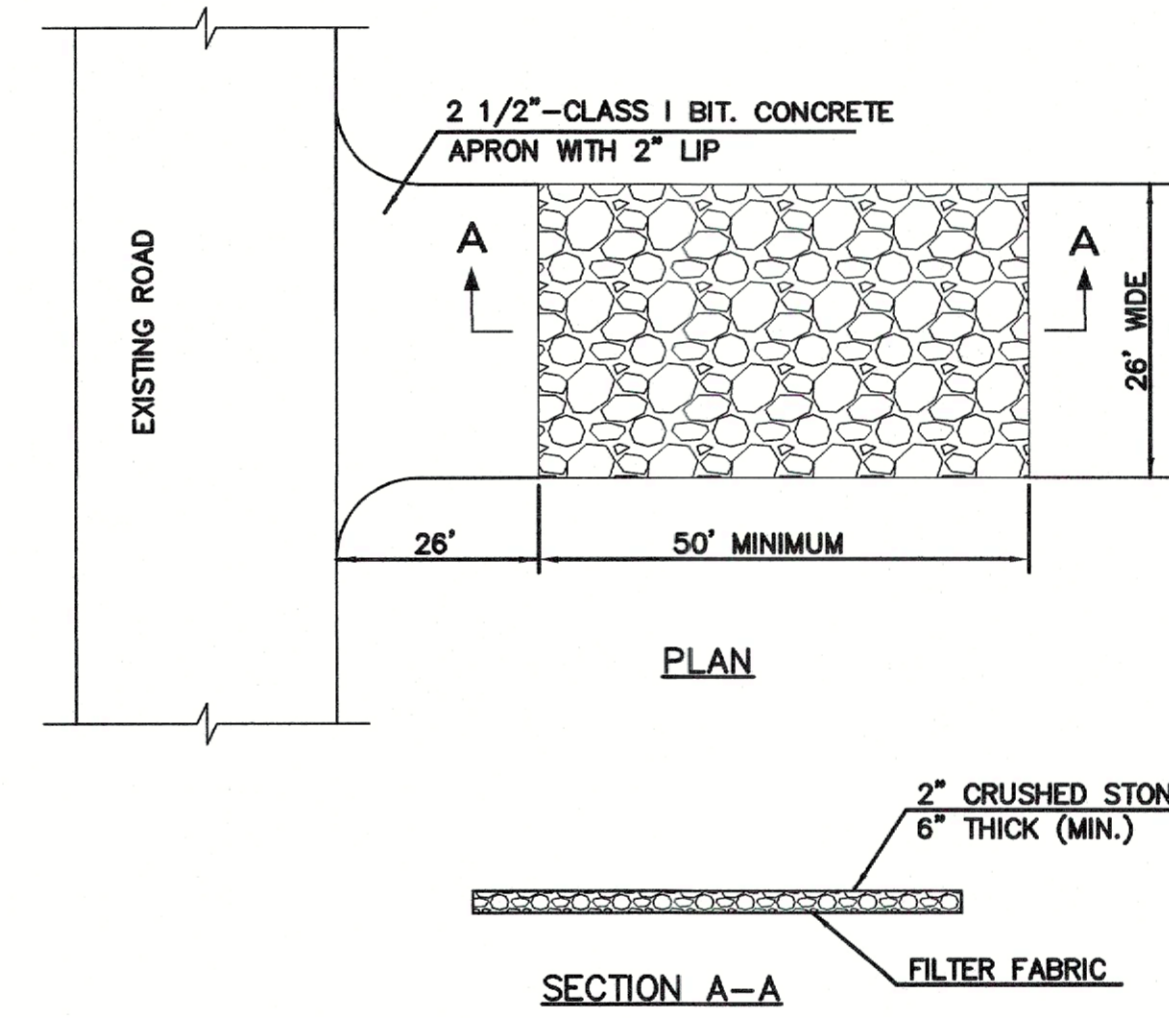


SILT FENCE DETAIL

N.T.S.

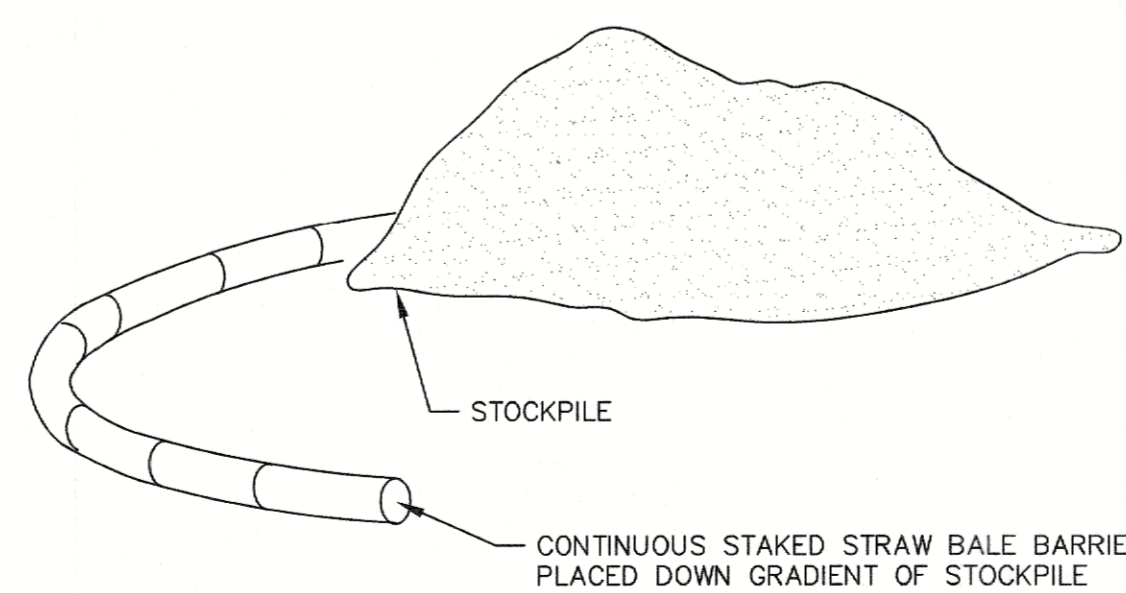
SEQUENCE FOR CONSTRUCTION, APPLICATION OF SOIL EROSION AND SEDIMENTATION CONTROL MEASURES, AND FINAL STABILIZATION OF THE PROJECT SITE

1. CLEARLY DEFINE AND FLAG THE LIMITS OF CONSTRUCTION.
2. HOLD PRE-CONSTRUCTION MEETING (REMEMBER TO CALL BEFORE YOU DIG 1-800-922-4455)
3. INSTALL PERIMETER EROSION AND SEDIMENTATION CONTROLS IN ACCORDANCE WITH THE EROSION CONTROL PLAN.
4. REMOVE AND STOCKPILE TOPSOIL AFTER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED. MATERIAL MAY BE STOCKPILED OFF-SITE. THE TOPSOIL SHALL BE SEEDDED IMMEDIATELY AFTER STOCK PILING IN ORDER TO STABILIZE THE SLOPE AND LIMIT SEDIMENT RUNOFF. STOCKPILED TOPSOIL SHALL BE SEEDDED AND MULCHED WHEN IT IS TO BE STORED FOR MORE THAN 30 DAYS FROM TIME OF STOCKPILING.
5. CUT OR FILL REMAINDER OF SITE TO ESTABLISH THE SUB-GRADE.
6. INSTALL DRAINAGE FACILITIES STARTING AT THE OUTFALL AND PROCEEDING UPGRADE.
7. EXCAVATE AND CONSTRUCT FOUNDATION OF ADDITION. UPON COMPLETION, BACKFILL FOUNDATION WALLS.
8. APPLY STABILIZATION MEASURES (TOPSOIL, SEEDING, ETC.) TO REMAINING DISTURBED AREAS IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL DETAILS.
9. INSPECT AND CLEAN DRAINAGE SYSTEMS AS NEEDED.
10. TOPSOIL AND GRADE WHERE REQUIRED.
11. UPON SUBSTANTIAL COMPLETION OF THE ADDITION, COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF ALL OTHER DISTURBED AREAS.
12. WHEN UPGRADE AREA IS SUFFICIENTLY STABILIZED, INSTALL PRE-TREATMENT FOREBAY, AND EMERGENCY OVERFLOW SPILLWAY/LEVEL SPREADER.
13. INSTALL PLANTINGS, FINE GRADE, RAKE, SEED, AND MULCH.
14. INSPECT DRAINAGE SYSTEM AND CLEAN AFTER LANDSCAPING IS COMPLETE.
15. AFTER ENTIRE SITE IS STABILIZED IN ACCORDANCE WITH THE APPLICABLE EROSION AND SEDIMENT CONTROL MEASURES, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS (E.G. SILT FENCES).



CONSTRUCTION ENTRANCE

N.T.S.



TEMPORARY STOCKPILE DETAIL

N.T.S.

SEDIMENTATION AND EROSION AND CONTROL MAINTENANCE PROCEDURES

ALL SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE INSPECTED DURING CONSTRUCTION ON A WEEKLY BASIS, AND FOLLOWING ALL STORMS, BY THE RESIDENT REPRESENTATIVE. THE CONTRACTOR SHALL MAINTAIN AND MAKE REPAIRS AND REMOVE SEDIMENT IF IT HAS ACCUMULATED TO A DEPTH OF 1/2 THE HEIGHT OF THE HAYBALES. SILT FENCE, CATCH BASIN INSERTS, AS INSTALLED. THE CONTRACTOR HAS THE OPTION TO INSTALL A NEW ROW OF HAYBALES OR SILT FENCE BEHIND THE SEDIMENTED CONTROLS. THE CONTRACTOR SHALL MAINTAIN AND MAKE REPAIRS AND REMOVE SEDIMENT AS REQUESTED BY THE RESIDENT REPRESENTATIVE. THIS WORK SHALL BE PERFORMED WITHIN 24 HOURS OF THE REQUEST AND THERE SHALL BE NO SEPARATE PAYMENT FOR THIS MAINTENANCE. WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED OR HAVE TEMPORARILY BEEN SUSPENDED FOR MORE THAN THIRTY DAYS, OR WHEN FINAL GRADES HAVE BEEN REACHED IN ANY PORTION OF THE SITE, STABILIZATION PRACTICES SHALL BE IMPLEMENTED WITHIN 7 DAYS.

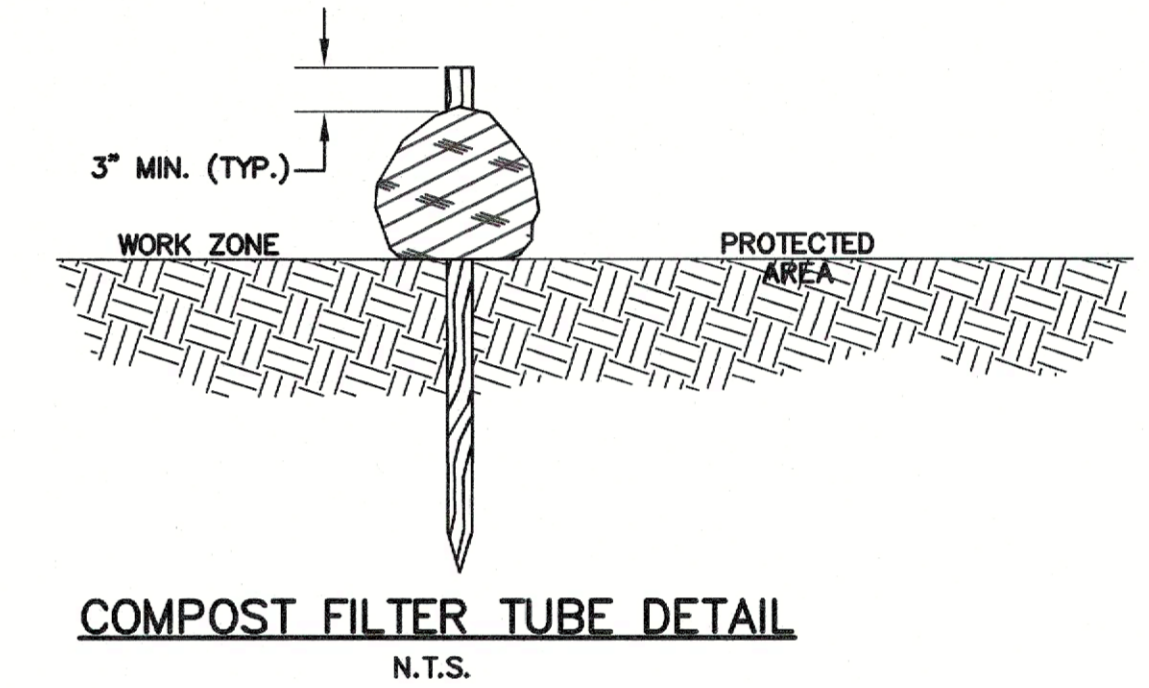
THE CONTRACTOR SHALL CLEAN SEDIMENT AND DEBRIS FROM ALL DRAINAGE STRUCTURES, AND PIPES AT THE COMPLETION OF CONSTRUCTION, AND AS REQUESTED BY THE RESIDENT REPRESENTATIVE TO KEEP THE SYSTEM FUNCTIONING PROPERLY DURING CONSTRUCTION.

FOLLOWING COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL REPAIR ALL ERODED AREAS AND ENSURE A GOOD STAND OF TURF IS ESTABLISHED THROUGHOUT. THE CONTRACTOR SHALL REPAIR ALL ERODED OR DISPLACED RIPRAP, AND CLEAN SEDIMENT COVERED STONES.

FOREBAY BOTTOM/SIDE SLOPE SEED MIXTURE

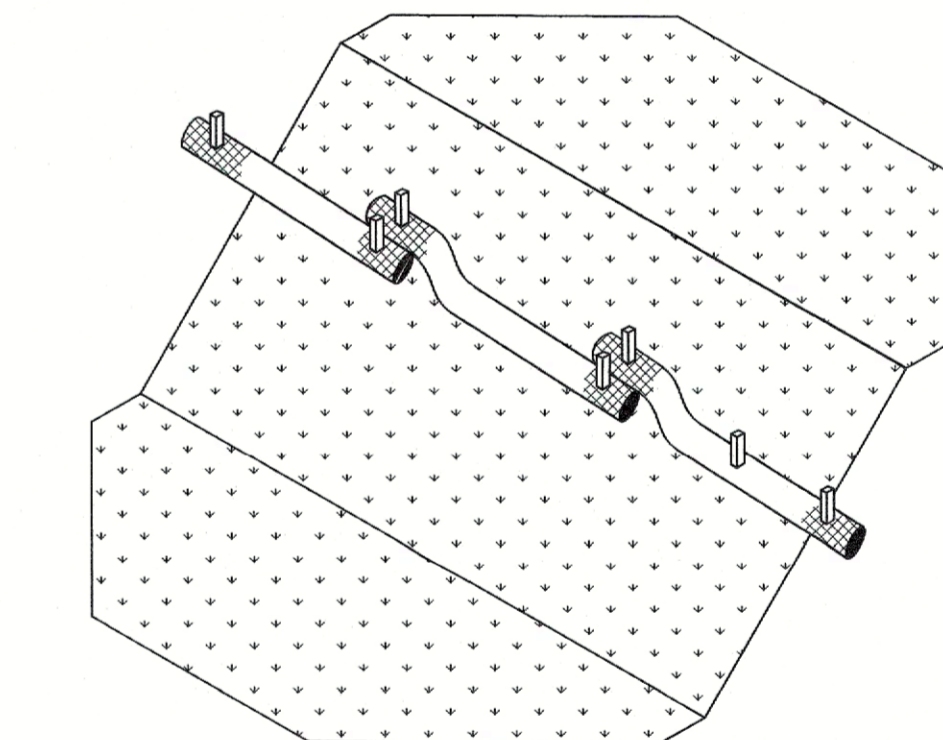
(PER CT STORMWATER QUALITY MANUAL FIGURE PS-2)

CREeping RED FESCUE (PENLAWN, WINTERGREEN)	20 LBS/AC	0.45 LBS/1000 SF
REDTOP (STREEKER, COMMON)	2 LBS/AC	0.05 LBS/1000 SF
TALL FESCUE (KENTUCKY 31)	20 LBS/AC	0.45 LBS/1000 SF
	42 (TOTAL)	0.95



COMPOST FILTER TUBE DETAIL

N.T.S.



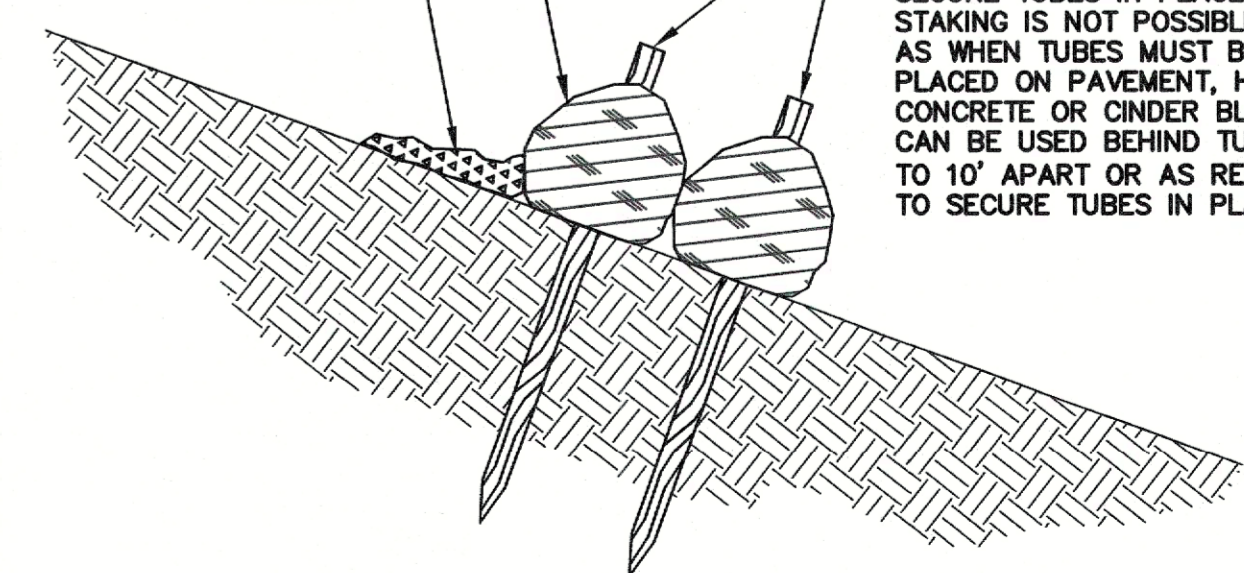
COMPOST FILTER TUBE PLAN DETAIL

N.T.S.

MINIMUM 12" IN DIAMETER WITH AN EFFECTIVE HEIGHT OF 9.5". TUBES FOR COMPOST FILTERS SHALL BE JUTE MESH OR APPROVED BIODEGRADABLE MATERIAL. ADDITIONAL TUBES SHALL BE USED AT THE REQUIREMENT OF THE ENGINEER. TAMP TUBES IN PLACE TO ENSURE GOOD CONTACT WITH SOIL SURFACE. IT IS NOT NECESSARY TO TRENCH TUBES INTO EXISTING GRADE.

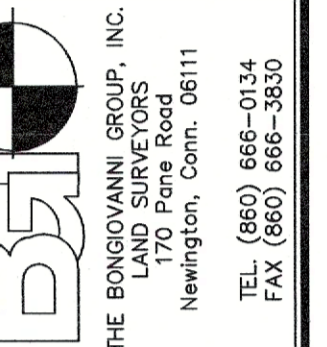
2" DEEP x 12" WIDE LAYER OF LOOSE COMPOST MATERIAL PLACED ON UPHILL/FLOW SIDE OF TUBES TO FILL SPACE BETWEEN SOIL SURFACE AND TUBES.

2" x 2" x 3" UNTREATED HARDWOOD STAKES, UP TO 10' APART OR AS REQUIRED TO SECURE TUBES IN PLACE. WHEN STAKING IS NOT POSSIBLE, SUCH AS WHEN TUBES MUST BE PLACED ON PAVEMENT, HEAVY CONCRETE OR CINDER BLOCKS CAN BE USED BEHIND TUBES UP TO 10' APART OR AS REQUIRED TO SECURE TUBES IN PLACE.



WOODEN STAKE SECTION

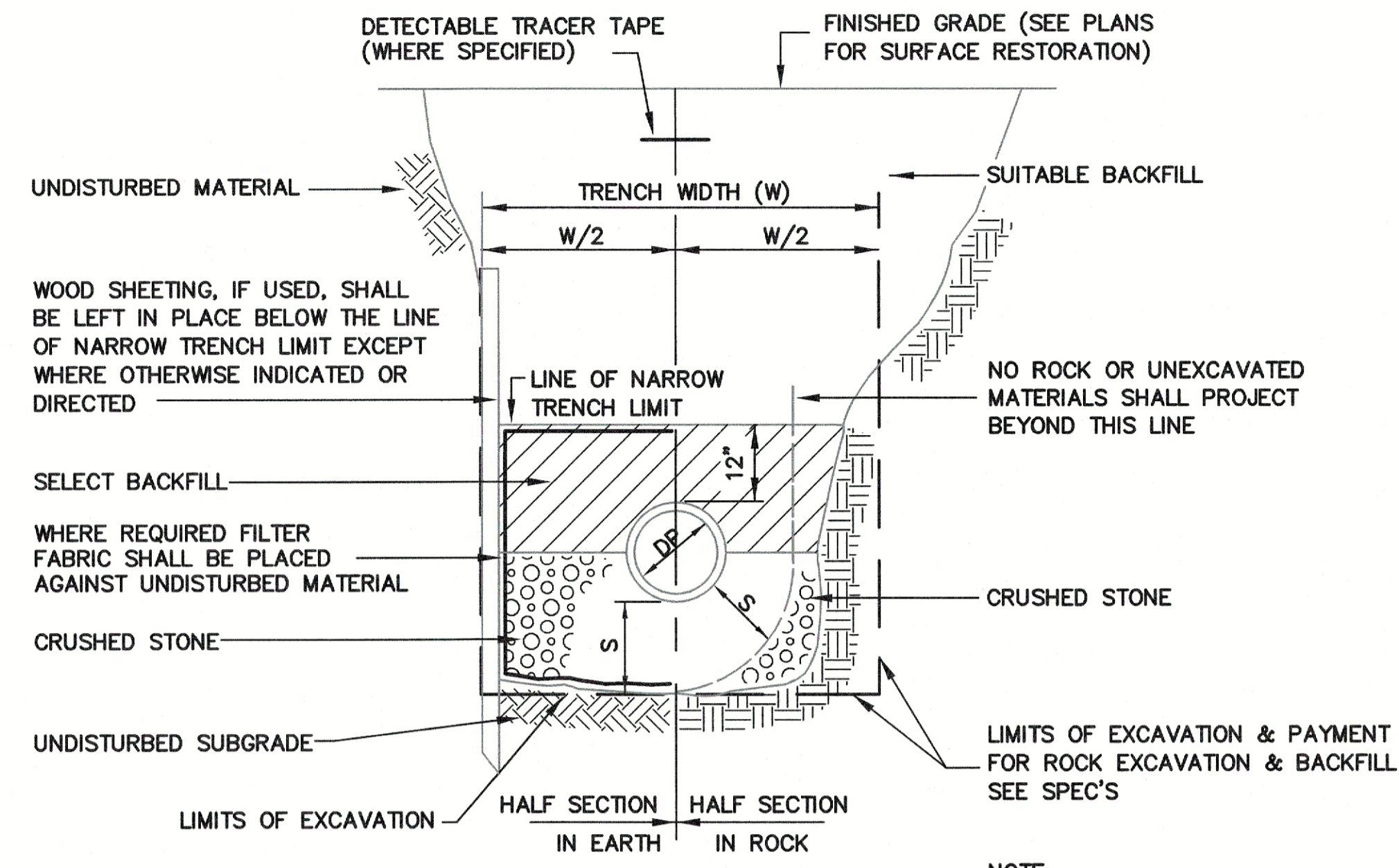
N.T.S.



Scale: NONE	Date
Checked: AB	Revision
Date: 10-11-23	
Drawn: BTM	

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EROSION & SEDIMENT CONTROL NOTES & DETAILS

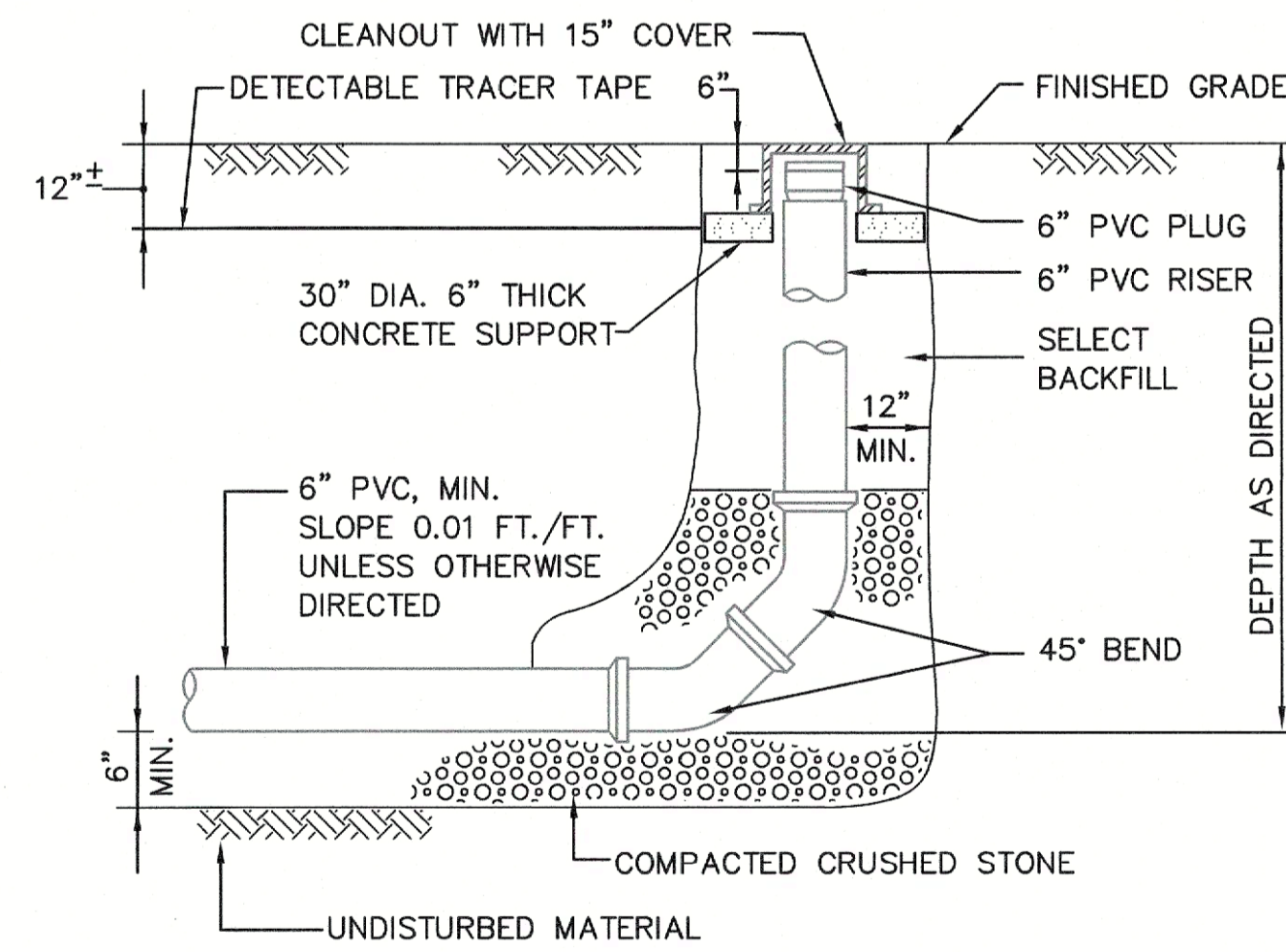


STORM DRAIN TRENCH DETAIL
N.T.S.

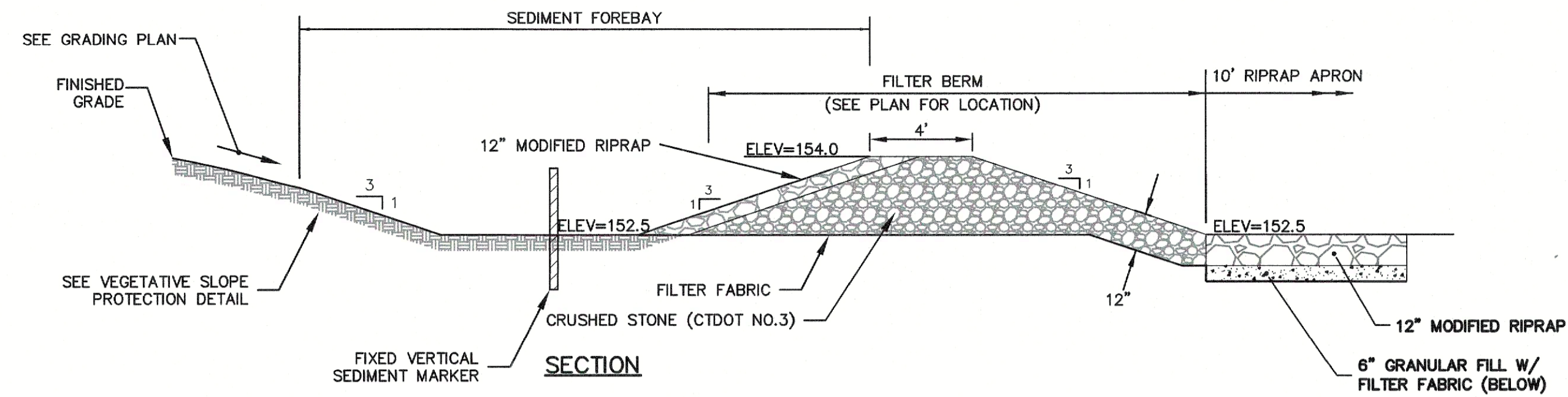
NOTE:
FOR W, DP, & S, SEE TABLE A

DEPTH TO INVERT	DIAMETER OF PIPE (DP)	MAXIMUM TRENCH WIDTH BELOW LINE OF NARROW TRENCH LIMIT (SHEETED OR UNSHEETED) (W)	MINIMUM CLEARANCE (S)
0-12'	TO 18"	5'	6"
0-12'	21"-24"	5'	7-1/2"
OVER 12'	TO 18"	7'	6"
OVER 12'	21"-24"	7'	7-1/2"

TABLE A

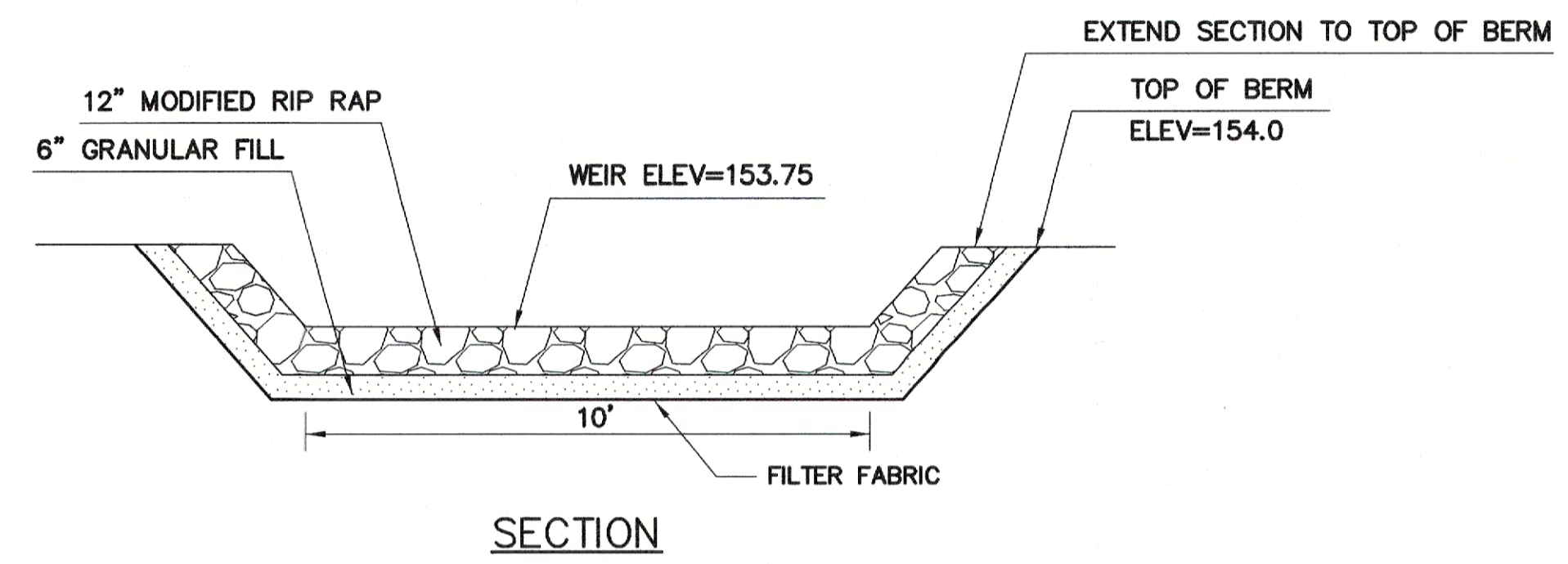


CLEANOUT DETAIL
N.T.S.

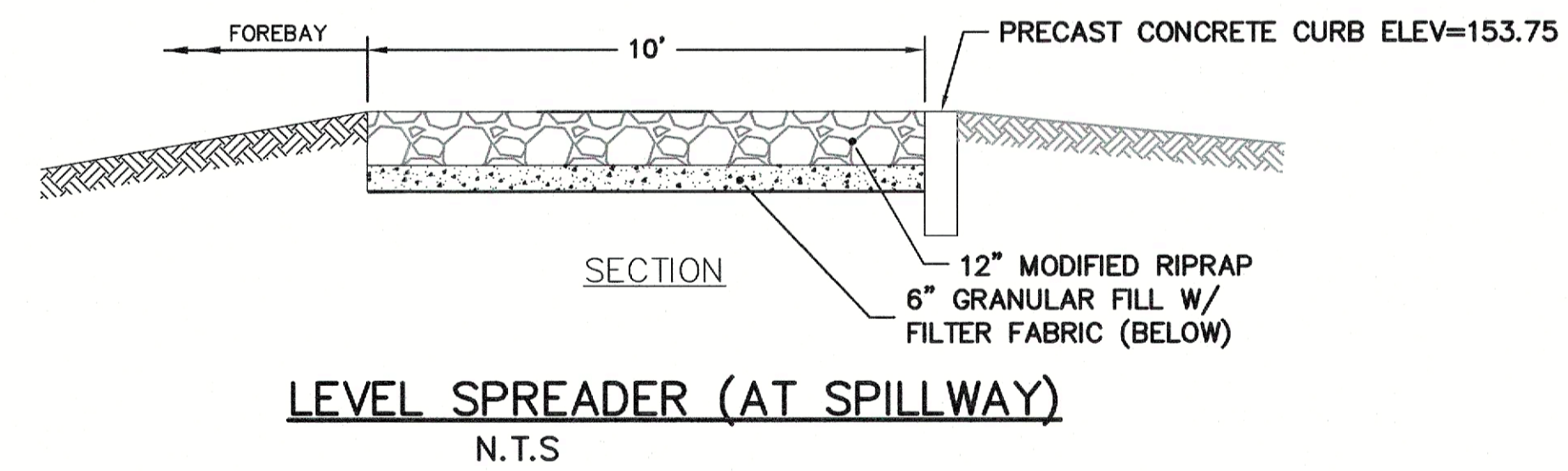


NOTES:
1. THE SEDIMENT FOREBAY AND FILTER BERM SHALL BE CONSTRUCTED AFTER SITE IS STABILIZED TO PREVENT CLOGGING WITH SEDIMENT. IF SITE IS NOT STABILIZED, THEN THE FOREBAY AND FILTER BERM SHALL BE PROTECTED WITH ADDITIONAL SILT FENCE OR STRAW BALES UNTIL STABILIZATION HAS BEEN ACHIEVED.

PRE-TREATMENT SEDIMENT FOREBAY DETAIL
N.T.S.



EMERGENCY SPILLWAY FOR PRE-TREATMENT FOREBAY
N.T.S.



LEVEL SPREADER (AT SPILLWAY)
N.T.S.

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STORMWATER
& SITE
DETAILS