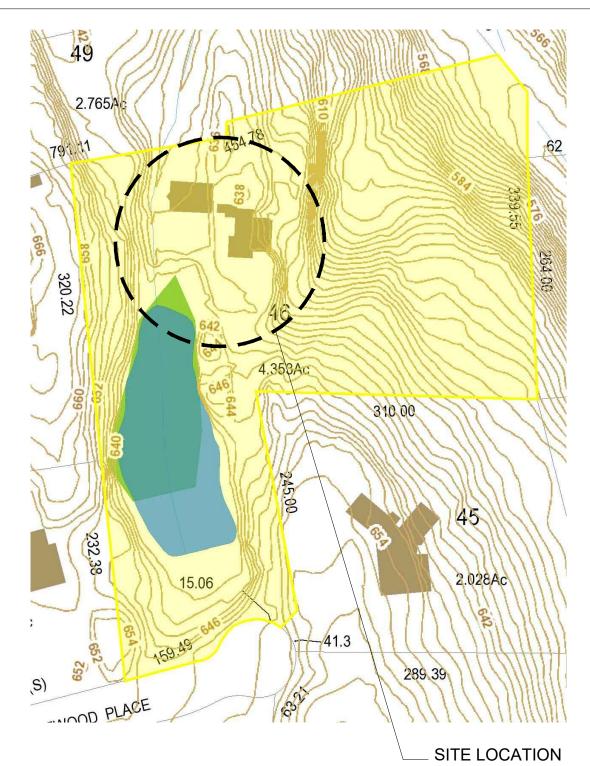


B-12 B-12 B-17 B-6 B-6 B-9 B-12	3-19 B-1 B-1 B-1 B-1 WATER CO WETLAND	URSE B-1 PER	SECT. 2 BL. 2 L 56.4 WETLAND LINE PER REF. #2 WL-B-1	UNIVERSAL ENGINEERING SERVICES, P.C. ENGINEERING GREEN DESIGN CONSTRUCTION MANAGEMENT 403 Main Street, Suite 871 Armonk, New York 10504 TEL: (212) 586-5192 FAX: (914) 470-1133 E-MAIL: JPATERNO@UESPC.COM UES NOTE: PLANS ARE NOT TO BE SCALED. CONTRACTOR IS TO MAKE NO ASSUMPTIONS WITH REGARD TO THESE DRAWINGS. ANY ADDITIONAL INFORMATION OR DIMENSIONS REQUIRED TO PROPERLY ESTIMATE OR ERECT THIS PROJECT WILL BE SUPPLIED BY THE ENGINEER UPON REQUEST. CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS AND CONDITIONS INDICATED ON THIS DRAWING AND BE RESPONSIBLE FOR SAME. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS SHOULD BE REPORTED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THESE DRAWINGS SHALL NOT BE ALTERED WITHOUT THE CONSENT AND KNOWLEDGE OF THE ENGINEER. ALL REPRODUCTION RIGHTS RESERVED. REPRODUCTION WITHOUT PERMISSION IS PROHIBITED.
B-11 TS CONNECTED PVC DRAIN PIPE W OF STORM WATER ROOF OF PORCH THAN CULTEC UNITS WETL	AND ER AREA	606	SIDE YARD SETBACKI S 04.48'10"	TOWN OF NORTH CASTLE PROPERTY INDEX: SECTION: 107.02 BLOCK: 02 LOT: 46 ZONE: R-2A
AGE PIT 26"				1     PLANNING BOARD REVIEW     06/01/20       NO.     ISSUED FOR     DATE       REVISIONS
'06" W	WETLAND MITIGATION I     OTY BOTANICAL NAME      TREES     Amelanchier canademsis      SHRUBS     16 Aronia melanocarpa     12 Cephalanthus occidentalis     10 Clethra almfolia     16 Lindera benzoin     19 Viburnum dentatum	PLANT SCHEDULE COMMON NAME Serviceberry Black Chokeberry Button Bush Summersweet Spice Bush Arrowood Viburnum	SIZE COMMENTS 7-8' Multi-Stem 3 Gallon 3 Gallon 3 Gallon 3 Gallon 3 Gallon 3 Gallon	48 21.45Ac 21.45Ac 21.45Ac 203.81
PREPARED	SEED MIX	Inst Seeds Seasonally Flooded Wildlife Food TOTAL OF 8 TREES, 81 SHRUBS, ED MIX IN THE WETLAND AREAS. COMMON NAME October Glory Red Maple Red Oak Winter Gem Boxwood Dragon Lady Holly Pennsylvania Sedge Northern Prame Drop Seed Creeping Juniper		SCOPE OF WORK: WETLANDS SITE PLAN AND TREE REMOVAL FOR THE PROPOSED ALTERATIONS AND COVERED PORCH TO THE EXISTING ONE FAMILY DWELLING PROJECT LOCATION: 4 LEDGEWOOD PLACE ARMONK, NEW YORK
		N.		TOTAL AREA: AS NOTED SHEET TITLE: SITE PLAN STORM WATER CALCULATIONS, AND LEGEND
ID BUFFEI 37363 S GE WETLA ND BUFFE 42543 S COURSE WETLA BUFFEI 56671 S .F. 136,577	R AREA SF ND R MITHIN WETL/ ND R MITHIN WETL/ ND R AREA SF ND ND ND ND ND ND ND ND ND ND ND ND ND N	EE LANDSCAPE PLAN TLEY) IGATION PLANT PLANTING SCHEDULE URBANCE AND BUFFER ANDS 532 S.F. ) DRCH AREA URBANCE AREA VAL OF TREES AND BUFFER 11881 S.F.		PROJECT #:       20-060120         SCALE:       AS NOTED         DATE:       06/01/20         DRAWN BY:       JOSEPH PATERNO, LEED AP         REVIEWED BY:       MICHAEL GIANATASIO, P.E.         SEAL:       SHEET NO.:         SHEET NO.:       S-1.0
IED FROM 17, 2019 LOGIST	A-S1.0 SITE	NG INDEX: PLAN, STORMWATER CAL SION CONTROL DETAILS	CS AND LEGEND	SHEET: 1 OF 2



# EROSION AND SEDIMENT CONTROL INSPECTIONS:

1) AN INITIAL INSPECTION PRIOR TO THE PLAN APPROVAL 2) AN EROSION AND SEDIMENT CONTROL INPSECTION TO ENSURE THAT EROSION AND SEDIMENT CONTROL PRACTICES ARE IN ACCORD WITH THE APPROVED PLAN.

3) AN INSPECTION PRIOR TO BACKFILLING ANY UNDERGROUND DRAINAGE OR STORMWATER CONVEYANCE STRUCTURES. 4) A FINAL INSPECTION WHEN ALL WORK, INCLUDING CONSTRUCTION OF STORMWATER

MANAGEMENT FACILITIES AND PERMANENT SOIL STABILIZATION, HAS BEEN COMPLETED.

CONSTRUCTION INSPECTION SCHEDULE:

1) PRE INSPECTION OF THE LAND AREA TO BE AFFECTIVE

2) INSPECTION OF THE HAYBALES, SILT FENCE AND ETC.

3) FOOTING INSPECTION

4) STOCKPILE INSPECTION 5) FINAL GRADE & VEGETATION INSPECTION

SPECIFICATIONS:

# CONDITIONS:

1. ALL WORK MUST BE PERFORMED IN ACCORDANCE W/ THE TOWN OF NORTH CASTLE BUILDING CODE, & THE NEW YORK STATE UFPBC AND ALL OTHER APPLICABLE ORDINANCES, REGULATIONS, AND STANDARDS REQUIRED

2. ALL MANUFACTURED ITEMS SHALL BE INSTALLED OR APPLIED AS DIRECTED BY THE MANUFACTURERS RECOMMENDATIONS.

3. CONTRACTOR TO INCLUDE ALL MATERIALS, LABOR, INCIDENTALS AND SERVICES FOR SATISFACTORYS COMPLETION OF THE WORK.

4. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING THE WORK.

5. CONTRACTOR SHALL PERFORM ALL WORK REQUIRED FOR THE TOTAL COMPLETION OF THE PROJECT, WHETHER OR NOT INDICATED ON THE DRAWINGS. THE INTENTION OF THE DRAWINGS IS FOR A COMPLETE AND PROPER FUNCTIONING OF THE ENTIRE PROJECT.

### INSURANCE:

1. CONTRACTOR, AND HIS SUBCONTRACTORS, SHALL MAINTAIN WORKMEN'S CONPENSATION INSURANCE AS WELL AS ADEQUATE LIABILITY INSURANCE DURING THE ENTIRE LENGTH OF THE JOB. 2. OWNER SHALL PROVIDE ADEQUATE PROPERTY INSURANCE ON VALUE OF THE CONSTRUCTION, INCLUDING FIRE & VANDALISM.

## PERMITS & SURVEYS

1. CONTRACTOR SHALL FURNISH ALL PERMITS, LICENSES AND APPROVALS NECESSARY TO COMPLETE THE WORK.

2. BUILDING SHALL BE STAKED OUT BY A LICENSED SURVEYOR WHO SHALL FILE A FINAL SURVEY AT THE COMPLETION OF WORK. 3. CONTRACTOR SHALL PROVIDE TEH OWNER WITH A CERTIFICATE OF OCCUPANCY UPON

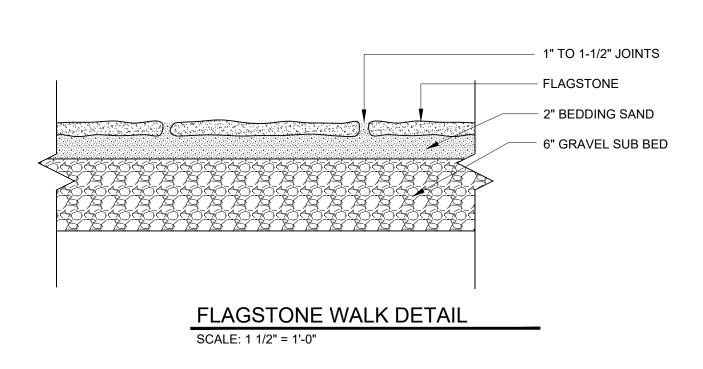
COMPLETION OF WORK.

## SITE MAINTENANCE:

1. JOB SITE TO BE KEPT CLEAN AT ALL TIMES, TRASH TO BE REMOVED FROM THE SITE WEEKLY OR STORED IN APPROVED DUMPSTER UNTIL FULL THAN THAN CARTED AWAY FROM THE SITE. 2. CARE SHALL BE TAKEN TO PROTECT THE TREES ON THE PROPERTY FROM THE METHODS AND MANNERS OF CONSTRUCTION. TRAFFICKING AND STORAGE OF MATERIALS. RETURN THOSE AREAS DAMAGED BY SUCH TO THEIR ORIGINAL CONDITION.

## EXCAVATION:

1. STOCKPILE ALL EXCAVATED SOIL FOR FUTURE REUSE AS FILL MATERIAL OR REMOVE AND DISPOSE OF AS REQUIRED.



## **EROSION CONTROL NOTES:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL SEDIMENT AND EROSION CONTROL PRACTICES. THE SEDIMENT AND EROSION CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.

2. TIMELY MAINTENANCE OF SEDIMENT CONTROL STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL STRUCTURES SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE SEDIMENT LEVEL IN ALL SEDIMENT TRAPS SHALL BE CLOSELY MONITORED AND SEDIMENT REMOVED PROMPTLY WHEN MAXIMUM LEVELS ARE REACHED OR AS ORDERED BY THE ENGINEER. ALL SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED ON A REGULAR BASIS, AND AFTER EACH HEAVY RAIN TO INSURE PROPER OPERATION AS DESIGNED. AN INSPECTION SCHEDULE SHALL BE SET FORTH PRIOR TO THE START OF CONSTRUCTION.

3. THE LOCATIONS AND THE INSTALLATION TIMES OF THE SEDIMENT CAPTURING STANDARDS SHALL BE AS ORDERED BY THE ENGINEER, AND IN ACCORDANCE WITH THE STANDARDS SET FORTH IN THIS MANUAL.

4. ALL TOPSOIL NOT TO BE USED FOR FINAL GRADING SHALL REMOVED FROM THE SITE IMMEDIATELY AND PLACED IN A STABILIZED STOCKPILE OR FILL AREA. ALL TOPSOIL REQUIRED FOR FINAL GRADING AND STORED ON SITE SHALL BE LIMED, FERTILIZED, TEMPORARILY SEEDED AND MULCHED WITH 14 DAYS.

5. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 21 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL IMMEDIATELY RECEIVE TEMPORARY SEEDING. MULCH SHALL BE USED IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY

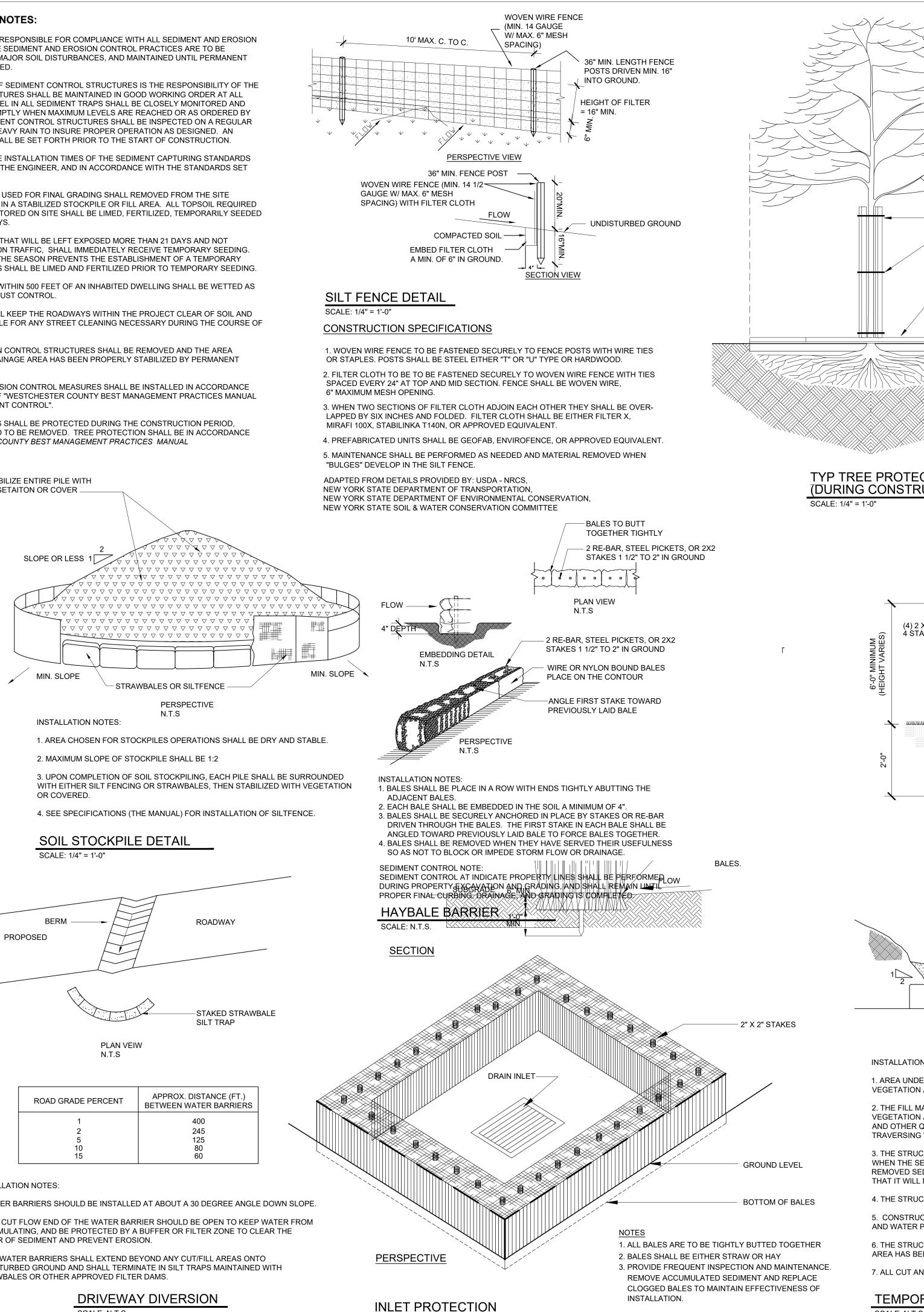
6. ALL DISTURBED AREAS WITHIN 500 FEET OF AN INHABITED DWELLING SHALL BE WETTED AS NECESSARY TO PROVIDE DUST CONTROL.

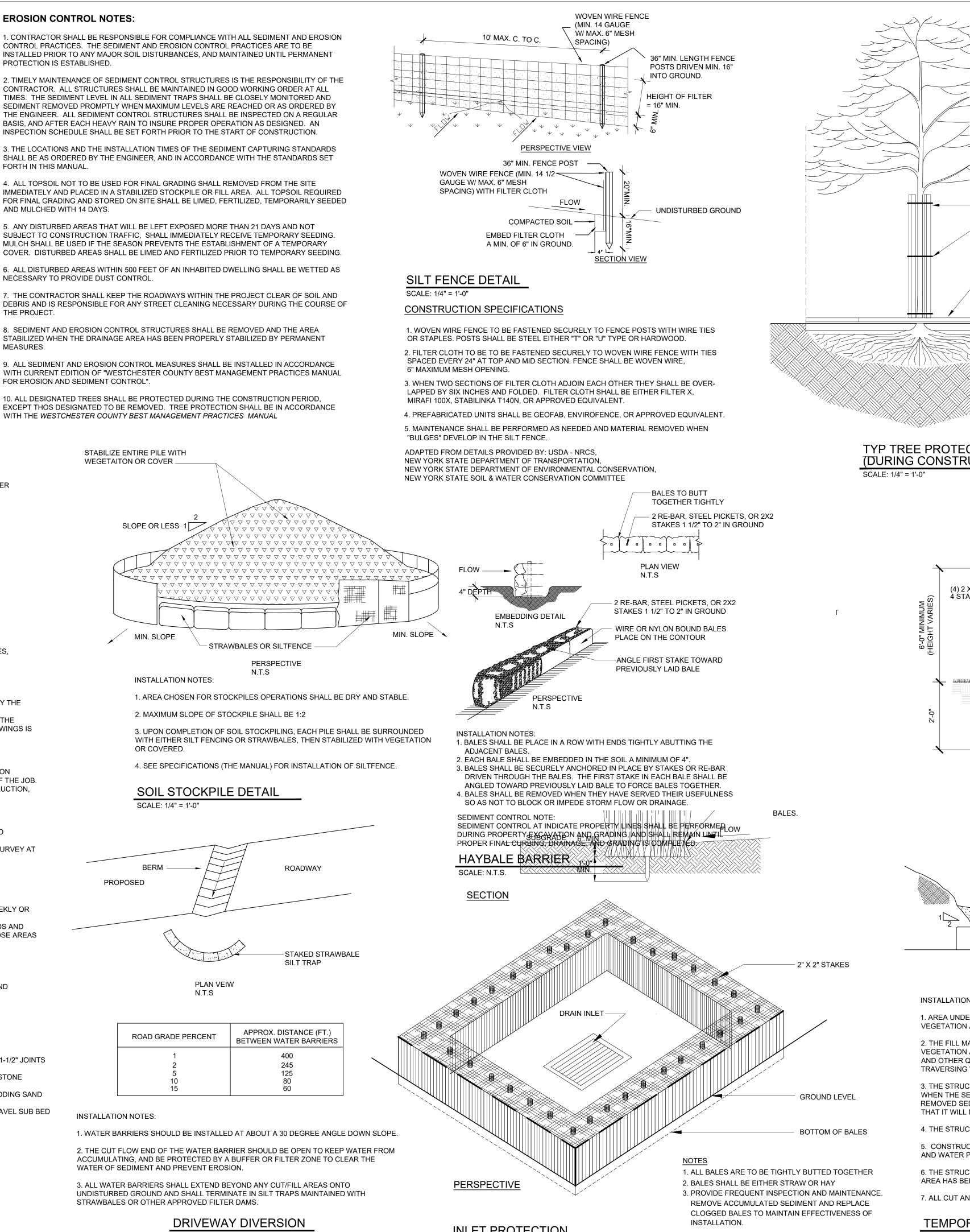
7. THE CONTRACTOR SHALL KEEP THE ROADWAYS WITHIN THE PROJECT CLEAR OF SOIL AND DEBRIS AND IS RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT.

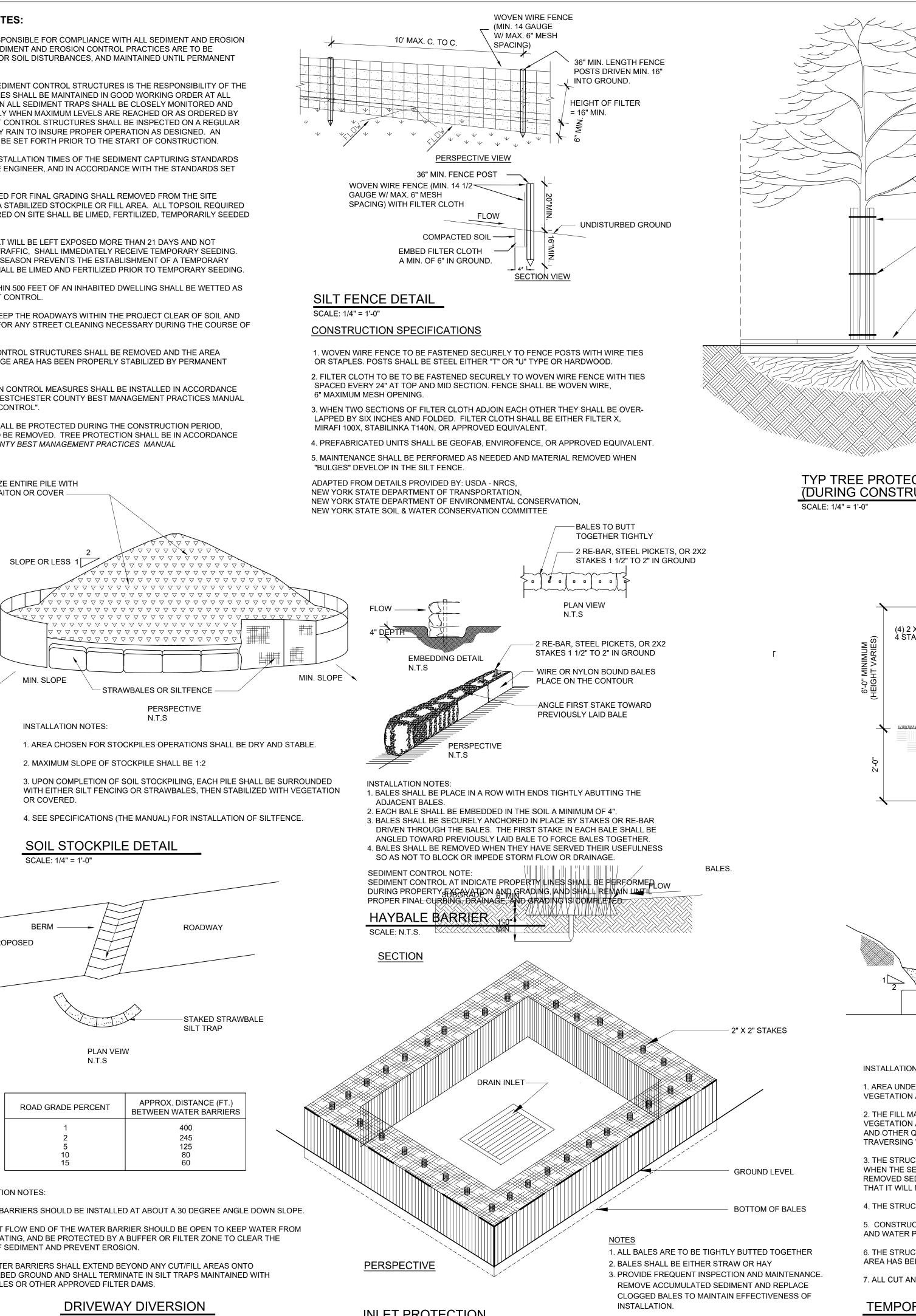
8. SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED BY PERMANENT MEASURES.

9. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT EDITION OF "WESTCHESTER COUNTY BEST MANAGEMENT PRACTICES MANUAL FOR EROSION AND SEDIMENT CONTROL".

10. ALL DESIGNATED TREES SHALL BE PROTECTED DURING THE CONSTRUCTION PERIOD, EXCEPT THOS DESIGNATED TO BE REMOVED. TREE PROTECTION SHALL BE IN ACCORDANCE WITH THE WESTCHESTER COUNTY BEST MANAGEMENT PRACTICES MANUAL







SCALE: N.T.S.

SCALE: N.T.S

SCALE: N.T

NOTE: 1. USE THIS DETAIL WHERE USE OF PROTECTIVE FENCING DOES NOT ALLOW FOR SUFFICIENT CONSTRUCTION	UNIVERSAL ENGINEERING SERVICES, P.C.
<ul> <li>MANEUVERING ROOM</li> <li>2. REMOVE ALL CHOKERS, BOARDS, ROPES, FILL AND</li> <li>PLYWOOD IMMEDIATELY AFTER COMPLETION OF</li> <li>CONSTRUCTION. IF CONSTRUCTION TIME IS EXTENDED, DO</li> <li>NOT ALLOW THESE MATERIALS TO STRANGULATE TREE OR</li> <li>DAMAGE BARK.</li> <li>3. IF LOWER LIMBS INTERFERE WITH WORK, TIE UP WITH</li> <li>HEAVY DUTY JUTE CORD.</li> <li>4. TIE UP LIMBS IN WARM WEATHER IF POSSIBLE.</li> <li>5. ADJUST HEIGHT OF PROTECTIVE BOARDS TO PREVENT</li> </ul>	ENGINEERING GREEN DESIGN CONSTRUCTION MANAGEMENT 403 Main Street, Suite 871 Armonk, New York 10504 TEL: (212) 586-5192 FAX: (914) 470-1133 E-MAIL: JPATERNO@UESPC.COM
ANTICIPATED DAMAGE BY EQUIPMENT. OUTLINE OF TREE CROWN (EDGE OF DRIPLINE) CORRESPONDS WITH ROOT SPREAD TRUNK PROTECTION BOARDS (2" THK) BENEATH BOARDS ARE 3-4 LAYERS OF BURLAP AROUND TRUNK TIE BOARDS SECURELY AT TOP, BOTTOM AND CENTER WITH HEAVY DUTY CORD, WIRE, OR CABLE CHOKERS. COVER PLYWOOD LAYER WITH (3'-6") FILL SPREAD (3/4") THICK (USED) PLYWOOD SHEETS OR EQUAL AT TREE BASE TO ABSORB OR SPREAD ANY VEHICULAR LOADS OVER PLOY AREA WITHIN DRIPLINE ZONE	UES NOTE: PLANS ARE NOT TO BE SCALED. CONTRACTOR IS TO MAKE NO ASSUMPTIONS WITH REGARD TO THESE DRAWINGS. ANY ADDITIONAL INFORMATION OR DIMENSIONS REQUIRED TO PROPERLY ESTIMATE OR ERECT THIS PROJECT WILL BE SUPPLIED BY THE ENGINEER UPON REQUEST. CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS AND CONDITIONS INDICATED ON THIS DRAWING AND BE RESPONSIBLE FOR SAME. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS SHOULD BE REPORTED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. THESE DRAWINGS SHALL NOT BE ALTERED WITHOUT THE CONSENT AND KNOWLEDGE OF THE ENGINEER. ALL REPRODUCTION RIGHTS RESERVED. REPRODUCTION WITHOUT PERMISSION IS PROHIBITED.
OVER ROOT AREA WITHIN DRIPLINE ZONE.	MUNICIPALITY: TOWN OF NORTH CASTLE PROPERTY INDEX: SECTION: 107.02 BLOCK: 02 LOT: 46 ZONE: R-2A
ECTION RUCTION)	
2 X 4 TAKES 2 X 4	1         PLANNING BOARD REVIEW         06/01/20           NO.         ISSUED FOR         DATE           REVISIONS           KEY PLAN:           1/2 <t< td=""></t<>
INSTALL FENCING AT DRIPLINE OF EXISTING TREE WHERE POSSIBLE	SCOPE OF WORK:
DRIP LINE TYP TREE PROTECTION (DURING CONSTRUCTION) SCALE: 1/4" = 1'-0"	WETLANDS SITE PLAN AND TREE REMOVAL FOR THE PROPOSED ALTERATIONS AND COVERED PORCH TO THE EXISTING ONE FAMILY DWELLING
EXTENDED CORE INTO EARTH EMBANKMENT LENTH (FT.) 6 = DRAINAGE AREA (AC)	PROJECT LOCATION: 4 LEDGEWOOD PLACE ARMONK, NEW YORK
ELEVATION N.T.S	TOTAL AREA: AS NOTED SHEET TITLE:
ON NOTES: DER EMBANKMENT SHALL BE CLEARED, GRUBBED, AND STRIPPED OF ANY N AND ROOT MAT. THE POOL AREA SHALL BE CLEARED AS WELL. MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS OR OTHER WOODY N AS WELL AS OVER SIZED STONES, ROCKS, ORGANIC MATERIAL & QUESTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY	EROSION CONTROL DETAILS
G WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED. JCTURE SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER L NOT ERODE.	PROJECT #:20-060120SCALE:AS NOTEDDATE:06/01/20DR AWAL DXLOSEDU DATEDNO, LEED AD
JCTURE SHALL BE INSPECTED AFTER EACH RAIN REPAIRS MADE AS NEEDED. UCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION R POLLUTION IS MINIMIZED. JCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE BEEN PROPERLY STABILIZED. AND FILL SLOPES SHALL BE 1:2 OR FLATTER.	DRAWN BY: JOSEPH PATERNO, LEED AP REVIEWED BY: MICHAEL GIANATASIO, P.E. SEAL.: SHEET NO.: SHEET NO.:
ORARY SEDIMENT BASIN	SHEET: 1 OF 2



New York • Connecticut • New Jersey • Florida

#### June 9, 2020

Joe M. Cermele, P.E. Kellard Sessions Consulting Consulting Town Engineers 500 Main St. Armonk NY 10504

#### RE: Proposed covered porch addition and alterations 4 Ledgewood Place Armonk NY Section 107.02, Block 2, Lot 46

To Joe Cermele:

Please see the response to your comments made May 7, 2020 for the above referenced application:

- 1. We have noted the wetland flag locations on the site plan from the wetland report. The owner will contact your office once the boundary has been established in the field.
- 2. We have updated the Wetland designation and information on drawings and have indicated that the wetlands are locally-regulated.
- 3. We show a Disturbance limits schedule on drawings and we reflected the mitigation pant schedule and planting schedule on our drawings. Please see Landscape drawings submitted separately. Blythe Yost, Landscape Architect of Yost Design, has submitted a plan to the conservation board that address the mitigation.
- 4. We have coordinated with the Landscape plan as to the location of the proposed walkway extension to the existing dock.
- 5. We have updated our tree removal schedule and number each tree on plan as requested.
- 6. We have verified the scale of the site plan drawings. It is 1" = 30'-0"
- 7. The existing garage is not in the scope of work.
- 8. We have reflected the building setback as shown on the Architectural drawings. We listed all the proposed improvements and impervious areas in stormwater drainage schedule on drawings.
- 9. We have updated the stormwater drainage calculations as required.
- 10. We show the drainage direction form proposed covered porch discharging to the designed cultic units and have shown the material, size, slope and drainage area.
- 11. We have shown the proposed walk detail. Details of covered porch are shown on architectural drawings. Details of planting are shown on Landscape drawings. There are no patio and retaining walls proposed in the scope of work.

Should you have questions, please do not hesitate to contact me Joseph Paterno, LEED AP @ (914) 419-8525

Sincerely, Universal Engineering Services, P.C. A New York Professional Corporation

n tah

Joseph Paterno, LEED AP Executive Vice President

cc: Michael R. Gianatasio, P.E. President