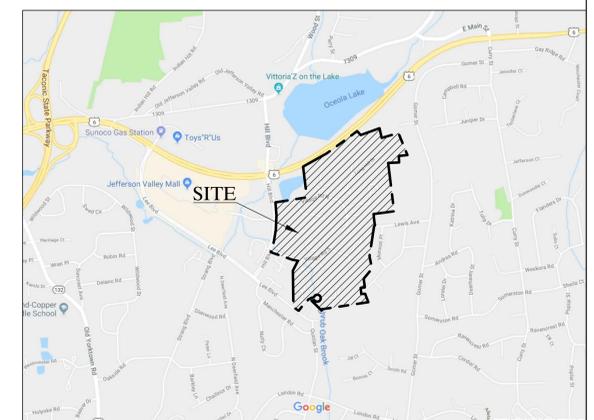


COPYRIGHT © 2018 KELLARD SESSIONS CONSULTING ENGINEERS & ARCHITECTS, INC. ALL RIGHTS RESERVED. UNAUTHORIZED REPRODUCTION OR TRANSMISSION OF ANY PART OF THIS DOCUMENT IS PROHIBITED.



LOCATION MAP  
N.T.S.

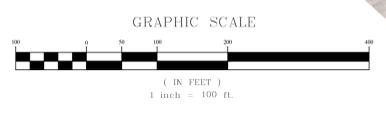
**SITE DATA**

APPLICANT/OWNER: JEFFERSON OWNERS CORP.  
c/o McGRATH MANAGEMENT  
444-D OLD POST ROAD  
BEDFORD, NEW YORK 10506

SITE ACREAGE: 120.0 ACRES

**LEGEND**

- EXISTING PROPERTY LINE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- EXISTING PONDS TO BE MAINTAINED
- EXISTING PONDS COMPLETED
- LIMITS OF DISTURBANCE
- EXISTING WATER CHANNELS



<b>KELLARD SESSIONS</b>	<b>OVERALL SITE PLAN</b>									
	<b>JEFFERSON VILLAGE RESIDENTIAL COMMUNITY</b>									
CONSULTING ENGINEERING & LANDSCAPE ARCHITECTURE PLANNING, D.P.C. 500 MAIN STREET ARMONK, N.Y. 10604 P: (914) 275-2323 F: (914) 275-2329 WWW.KELLARDSESSIONS.COM	TOWN OF YORKTOWN HEIGHTS WESTCHESTER COUNTY, NEW YORK	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">1</td> <td style="width: 50%; text-align: center;">3</td> </tr> <tr> <td colspan="2" style="font-size: x-small;">PROJECT LD: JVC100</td> </tr> <tr> <td colspan="2" style="font-size: x-small;">DATE: JANUARY 29, 2018</td> </tr> <tr> <td colspan="2" style="font-size: x-small;">REVISIONS</td> </tr> </table>	1	3	PROJECT LD: JVC100		DATE: JANUARY 29, 2018		REVISIONS	
1	3									
PROJECT LD: JVC100										
DATE: JANUARY 29, 2018										
REVISIONS										

UNAUTHORIZED ADDITIONS, MODIFICATIONS AND/OR ALTERATIONS TO THESE PLANS IS A VIOLATION OF SECTION 200(2) OF THE NEW YORK STATE EDUCATION LAW

COPYRIGHT © 2018 KELLARD SESSIONS CONSULTING ENGINEERS & ARCHITECTS, INC. ALL RIGHTS RESERVED. UNAUTHORIZED REPRODUCTION OR ALTERATION OF ANY PART OF THIS DOCUMENT IS PROHIBITED.



PROPOSED LIMITS OF DISTURBANCE  
10,500 S.F. ±

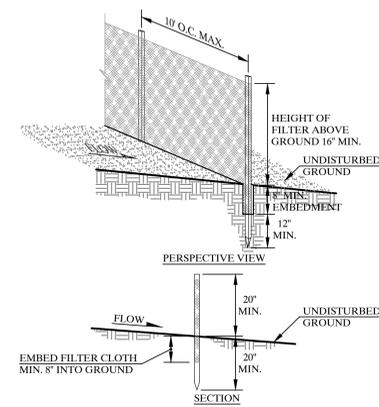
**AREA "A" OF EXCESS EXCAVATED SPOILS FORM DREDGING**

PROPOSED LIMITS OF DISTURBANCE 28,200 S.F. ±

PROPOSED DREDGING OF SEDIMENTS APPROXIMATELY 1.5' - 2.0 FT DEPTH  
500 CY ± OF SEDIMENTS TO BE REMOVED  
APPROX. 375 CY ± TO BE PLACED ADJACENT TO POND #8  
125 CY ± TO BE PLACED IN AREA "A"

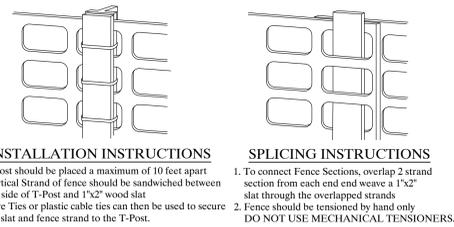
SPOIL LOCATION RESTORATION STRIP STOCKPILE & REPLACE TOPSOIL, SEED W/ KENTUCKY BLUE GRASS MIX, 4 LBS. PER 1,000 SF. MULCH W/ AIR DRIED STRAW @90-100 LBS. PER 1,000 S.F. OR 2 TONS PER ACRE

**SILT FENCE DETAIL (N.T.S.)**



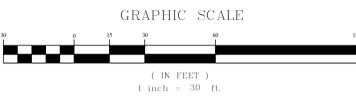
- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
1. FILTER CLOTH TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
  2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
  3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD  
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUAL.  
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

**CONSTRUCTION FENCE DETAIL (N.T.S.)**

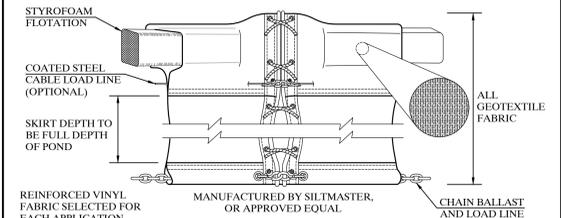


**LEGEND**

- EXISTING PROPERTY LINE
- 430- EXISTING 10' CONTOUR
- 428- EXISTING 2' CONTOUR
- 430- PROPOSED 10' CONTOUR
- 428- PROPOSED 2' CONTOUR
- [Blue Hatched Box] EXISTING PONDS TO BE MAINTAINED
- [Pink Box] EXISTING PONDS COMPLETED
- [Blue Line] EXISTING WATER CHANNEL
- - - LIMITS OF DISTURBANCE
- SF- TEMPORARY SILT FENCE
- CF- ORANGE CONSTRUCTION FENCE
- TBC- TEMPORARY TURBIDITY CURTAIN
- [SS in Circle] TEMPORARY SOIL STOCKPILE



**TURBIDITY CURTAIN DETAIL (N.T.S.)**



- NOTES:**
1. TURBIDITY CURTAIN IS TO BE INSTALLED AND MAINTAINED WITHIN THE POND AT THE LOCATIONS INDICATED.
  2. THE ENDS OF THE CURTAIN, BOTH FLOATING UPPER AND WEIGHTED LOWER, SHALL EXTEND WELL UP INTO THE SHORELINE. THE ENDS SHALL BE SECURED FIRMLY TO THE SHORELINE TO ENCLOSE FULLY THE AREA WHERE SEDIMENT MAY ENTER THE WATER.
  3. THE CONTRACTOR SHALL ATTEMPT TO REDUCE THE NUMBER OF JOINTS IN THE CURTAIN. IF JOINTS ARE REQUIRED, SEAMS IN THE FABRIC SHALL BE EITHER VULCANIZED, WELDED, OR SEWN, AND SHALL DEVELOP THE FULL STRENGTH OF THE FABRIC.
  4. FLOTATION DEVICES SHALL BE FLEXIBLE BUOYANT UNITS, CONTAINED IN AN INDIVIDUAL FLOTATION SLEEVE OR COLLAR ATTACHED TO THE CURTAIN. BUOYANCY PROVIDED BY THE FLOTATION UNITS SHALL BE SUFFICIENT TO SUPPORT THE WEIGHT OF THE CURTAIN AND MAINTAIN A FREEBOARD OF AT LEAST 18 INCHES ABOVE THE WATER SURFACE LEVEL.
  5. LOAD LINES MUST BE FABRICATED INTO THE BOTTOM OF ALL FLOATING TURBIDITY CURTAINS. THE TOP LOAD LINE SHALL CONSIST OF WOVEN WEBBING OR VINYL-SHEATHED STEEL CABLE, AND SHALL HAVE BREAK STRENGTH IN EXCESS OF 10,000 POUNDS. THE SUPPLEMENTAL (BOTTOM) LOAD LINE SHALL CONSIST OF A CHAIN INCORPORATED INTO THE BOTTOM HEM OF THE CURTAIN, WITH SUFFICIENT WEIGHT TO SERVE AS A BALLAST TO HOLD THE CURTAIN IN A VERTICAL POSITION. ADDITIONAL ANCHORAGE SHALL BE PROVIDED AS NECESSARY. THE LOAD LINES SHALL HAVE SUITABLE CONNECTING DEVICES WHICH DEVELOP THE FULL BREAKING STRENGTH FOR CONNECTION TO LOAD LINES IN TYPE I ADJACENT SECTIONS.
  6. EXTERNAL ANCHORS MAY CONSIST OF WOODEN OR METAL STAKES (2-X 4-INCH OR 2.5-INCH MINIMUM DIAMETER WOOD, OR 133 POUNDS/LINEAR FOOT STEEL) WHEN TYPE I INSTALLATION IS USED.
  7. BOTTOM ANCHORS MUST BE SUFFICIENT TO HOLD THE CURTAIN IN THE SAME POSITION RELATIVE TO THE BOTTOM, WITHOUT INTERFERING WITH THE ACTION OF THE CURTAIN. THE ANCHOR MAY DIG INTO THE BOTTOM (GRAPPLING HOOK, PLOW OR FLUKE-TYPE), OR MAY BE WEIGHTED (MUSHROOM TYPE), AND SHOULD BE ATTACHED TO A FLOATING ANCHOR BUOY VIA AN ANCHOR LINE. THE ANCHOR LINE WOULD THEN RUN FROM THE BUOY TO THE TOP LOAD LINE OF THE CURTAIN.
  8. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF THE TURBIDITY CURTAIN FOR THE DURATION OF THE PROJECT IN ORDER TO ENSURE THE CONTINUOUS PROTECTION OF DOWNSTREAM PROPERTY.
  9. WHEN THE CURTAIN IS NO LONGER REQUIRED, AS DETERMINED BY THE VILLAGE'S REPRESENTATIVE, THE CURTAIN AND RELATED COMPONENTS MUST BE REMOVED IN SUCH A MANNER AS TO MINIMIZE TURBIDITY. REMAINING SEDIMENT MUST BE SUFFICIENTLY SETTLED BEFORE REMOVING THE CURTAIN. ANY SPOILS MUST BE TAKEN TO UPLAND AREA AND BE ADEQUATELY STABILIZED.
  10. PHYSICAL PROPERTIES OF TURBIDITY CURTAIN FABRIC SHALL BE AS FOLLOWS:

PHYSICAL PROPERTY	REQUIREMENTS
THICKNESS, MILS	45
WEIGHT/OZ./SQ.YD.	18
GRAB TENSILE STRENGTH, LBS.	300
UV INHIBITOR	MUST BE INCLUDED

**KELLARD SESSIONS**

CONSULTING ENGINEERING & LANDSCAPE ARCHITECTURE PLANNING, D.P.C.

500 MAIN STREET ARMONK, N.Y. 10604

P: (914) 275-2323  
F: (914) 275-2329

WWW.KELLARDS.COM

**POND #8 - SITE PLAN & DETAILS**

**JEFFERSON VILLAGE RESIDENTIAL COMMUNITY**

TOWN OF YORKTOWN HEIGHTS WESTCHESTER COUNTY, NEW YORK

2

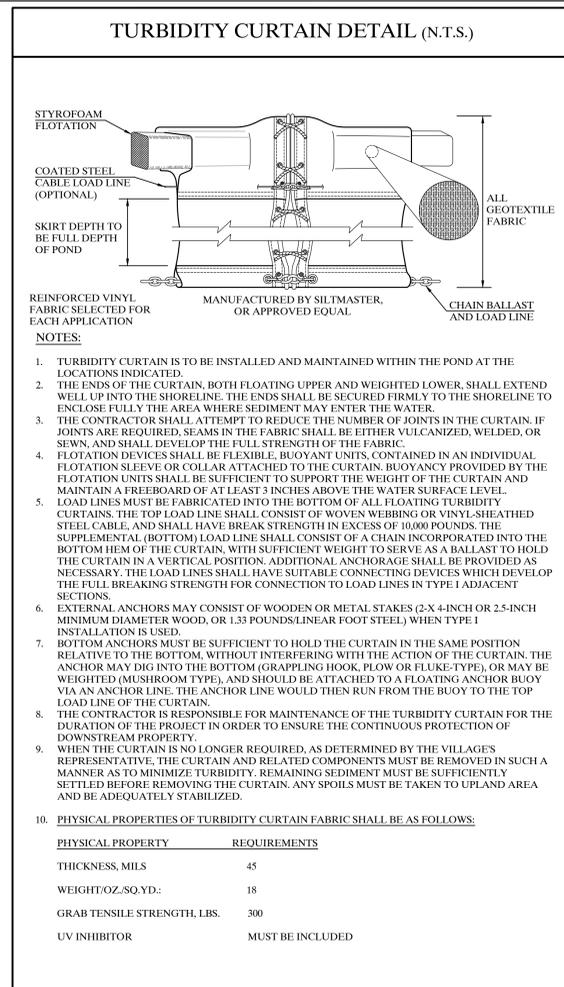
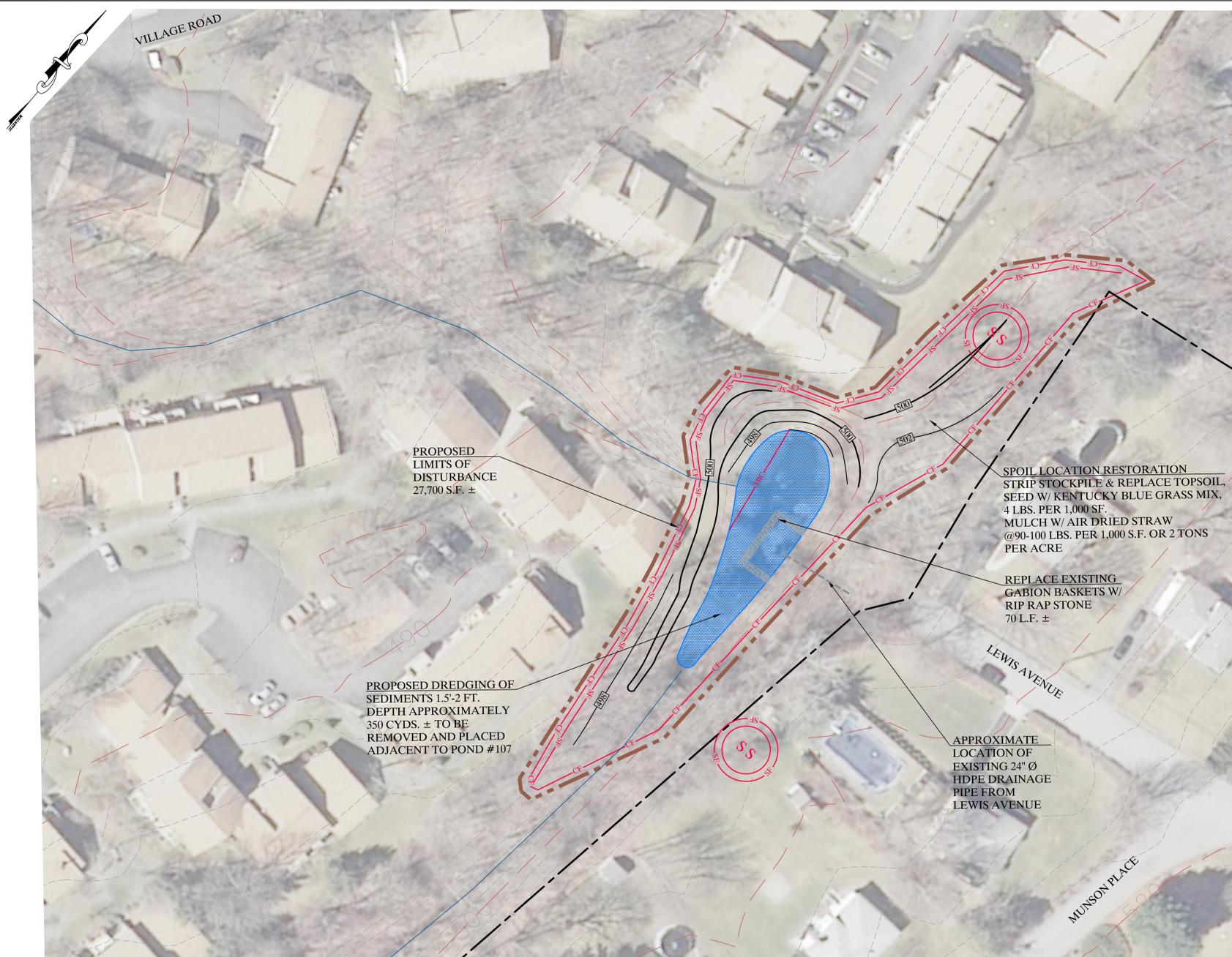
3

PROJECT ID: JVC100

DATE: JANUARY 29, 2018

REVISIONS

UNAUTHORIZED ADDITIONS, MODIFICATIONS AND/OR ALTERATIONS TO THESE PLANS IS A VIOLATION OF SECTION 200(2) OF THE NEW YORK STATE EDUCATION LAW



### EROSION AND SEDIMENT CONTROL PLAN

All proposed soil erosion and sediment control practices have been designed in accordance with the following publications:

- New York Standards and Specifications for Erosion and Sediment Control, latest edition
- New York State SPDES General Permit for Stormwater Discharges from Construction Activity (GP-0-15-002)
- Town Code of Yorktown Chapter 248 "Stormwater Management and Erosion and Sediment Control"

The primary aim of the soil erosion and sediment control plan is to reduce soil erosion from areas stripped of vegetation during and after the dredging of the pond and to prevent silt from reaching the wetland systems and downstream properties. The erosion and sediment control plan will be implemented to control sediment and re-establish vegetation as soon as practicable. The plan will be implemented both prior to and during any earthmoving activities.

The owner/operator shall maintain on-site a copy of the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity (GP-0-15-002), the Notice of Intent (NOI), the NOI acknowledgment letter, the "Stormwater Pollution Prevention Plan Report for Jefferson Village Residential Community" and the MS4 SWPPP Acceptance Form until all disturbed areas have achieved final stabilization and the Notice of Termination (NOT) has been filed with the NYSDEC. At a minimum, a trained contractor shall be on site at all times when construction or grading activity takes place.

The proposed soil erosion and sediment control devices include the planned erosion control practices outlined below. Maintenance procedures for each erosion control practice are also provided on the plans and herein. The owner or operator must ensure that all erosion and sediment control practices identified herein are maintained in effective operating condition at all times.

#### SILT FENCE

Silt fence (geotextile fiber cloth) shall be placed in locations depicted on the approved plans. The purpose of the silt fence is to reduce the velocity of sediment-laden stormwater discharged from small drainage areas and to intercept the transported sediment load. In general, silt fence shall be used at the perimeter of disturbed areas, toe of slopes or immediately within slopes where obvious channel concentration of stormwater is not present. Silt fence shall always be installed parallel to the contours in order to prevent concentrated flows from developing along the silt fence.

#### Maintenance/Inspection

Inspections shall include ensuring that the fence material is tightly secured to the wood posts. In addition, overlapping filter fabric shall be secured and the fabric shall be maintained a minimum of six (6) inches below grade. In the event that any "bulges" develop in the fence, that section of fence shall be replaced immediately with a new fence section. Any visible sediment build-up against the fence shall be removed immediately and deposited on-site a minimum of 100 feet outside of any wetland.

#### TREE PROTECTION

All significant trees to be preserved located within the limits of disturbance and on the perimeter of the disturbance limits shall be protected from harm by erecting a three (3) feet high (minimum) snow fence completely surrounding the tree. Snow fence should extend to the drip-line of the tree to be preserved. Trees designated to be protected/saved shall be identified during the staking of the limits of disturbance.

#### Maintenance/Inspection

The snow fence shall remain at the drip-line of the tree to be preserved. The snow fence shall be inspected a minimum of once every seven (7) days. Any damaged portions of the fence shall be repaired or replaced. Care shall also be taken to ensure that no construction equipment is driven or parked within the drip-line of the tree to be preserved.

#### SOIL/MATERIAL STOCKPILING

All soil/material stripped from the construction area during grubbing and grading shall be stockpiled in locations illustrated on the approved plans, or in practical locations on-site.

#### Maintenance/Inspection

All stockpiles shall be inspected (for signs of erosion or problems with seed establishment). Soil stockpiles shall be protected from erosion by vegetating the stockpile with a rapidly-germinating grass seed and surrounded with silt fence. In the non-growing season, the stockpiles shall be protected by a tarpaulin covering the entire stockpile.

#### SURFACE STABILIZATION

All disturbed areas will be protected from erosion with the use of vegetative measures (e.g., grass seed mix, sod), hydromulch, hay or Curlex Excelsior Erosion Control Blankets.

Erosion control barriers consisting of silt fencing shall be placed around exposed areas during construction. Any areas stripped of vegetation during construction will be vegetated and/or mulched immediately to prevent erosion of the exposed soils. In site areas where specifically directed, Curlex Excelsior Erosion Control Blankets (manufactured by American Excelsior or approved equal) shall be installed.

Materials that may be used for mulching include straw, hay, salt hay, wood fiber, synthetic soil stabilizers, mulch netting, erosion control blankets or sod. A permanent vegetative cover shall be established upon completion of construction of those areas which have been brought to finish grade and to remain undisturbed.

#### GENERAL LAND GRADING

The applicant/developer or their representatives shall be on-site at all times when construction or grading activity takes place and shall inspect the effectiveness of all sediment and erosion control practices.

The intent of the erosion control measures is to control all disturbed areas, such that soils are protected from erosion by temporary methods and, ultimately by permanent vegetation. All cut and fill slopes shall be kept to a maximum slope of 2:1. In the event that a slope must exceed a 2:1 slope, it shall be stabilized with boulders or stone rip-rap. On fill slopes, all material will be placed in layers not to exceed 12 inches in depth and adequately compacted. Where practical, diversion swales shall be constructed on the top of all fill embankments to divert any overland flows away from the fill slope.

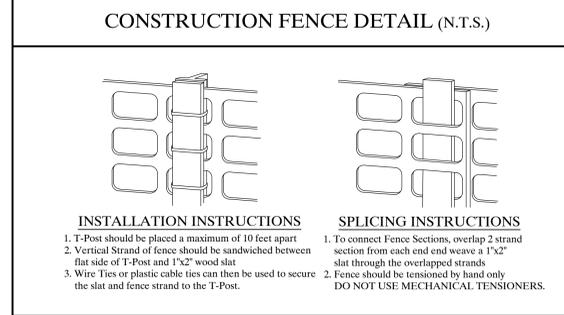
#### DUST CONTROL

Where vegetative or mulch cover is not practical in disturbed areas of the site, dust shall be controlled by the use of water sprinkling. The surface shall be sprayed until wet. Dust control shall continue until such time as the entire site is adequately stabilized with permanent vegetative cover.

#### POLLUTION PREVENTION MEASURES FOR CONSTRUCTION RELATED ACTIVITIES

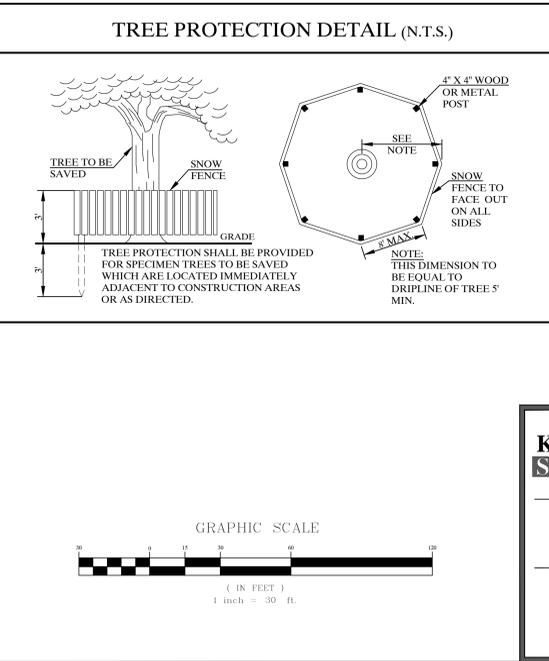
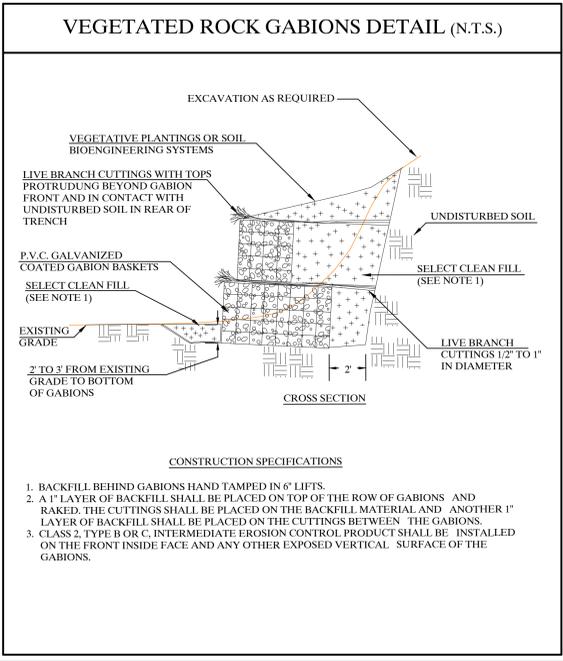
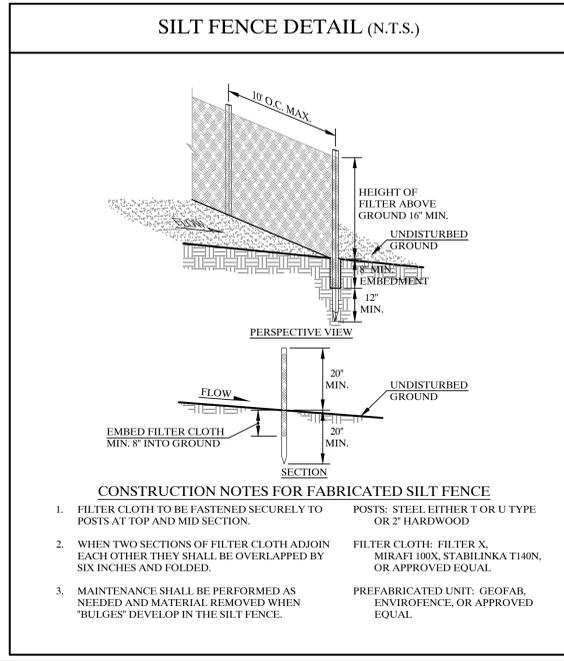
Pollution prevention practices for preventing litter, construction chemicals (if applicable) and construction debris from becoming a pollutant source in stormwater discharge include daily pickup of construction debris, inspection, designated storage areas, and physical controls such as silt fencing, stabilized construction entrance and inlet protection.

Inspections will also be conducted to ensure that dust control measures are utilized as necessary. During construction, maintenance, construction and waste materials shall be stored within suitable areas/dumpsters, as appropriate, to minimize the exposure of the materials to stormwater and spill prevention. All maintenance and construction waste will be disposed of in a safe manner in accordance with all applicable regulations.



### LEGEND

- EXISTING PROPERTY LINE
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- PROPOSED 10' CONTOUR
- PROPOSED 2' CONTOUR
- EXISTING PONDS TO BE MAINTAINED
- EXISTING PONDS COMPLETED
- EXISTING WATER CHANNEL
- LIMITS OF DISTURBANCE
- TEMPORARY SILT FENCE
- ORANGE CONSTRUCTION FENCE
- TEMPORARY TURBIDITY CURTAIN
- TEMPORARY SOIL STOCKPILE



### KELLARD SESSIONS

CONSULTING ENGINEERING & LANDSCAPE ARCHITECTURE PLANNING, D.P.C.  
500 MAIN STREET, ARMONK, N.Y. 10604  
P: (914) 275-2323  
F: (914) 275-2329  
WWW.KELLARDS.COM

### POND #107 - SITE PLAN & DETAILS

JEFFERSON VILLAGE RESIDENTIAL COMMUNITY

TOWN OF YORKTOWN HEIGHTS WESTCHESTER COUNTY, NEW YORK

NO.	REVISIONS
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

PROJECT NO.: JVC100  
DATE: JANUARY 29, 2018

COPYRIGHT © 2018 BY KELLARD SESSIONS, INC. ALL RIGHTS RESERVED. UNAUTHORIZED REPRODUCTION OR ALTERATION OF ANY PART OF THIS DOCUMENT IS PROHIBITED.

UNAUTHORIZED ADDITIONS, MODIFICATIONS AND/OR ALTERATIONS TO THESE PLANS IS A VIOLATION OF SECTION 200(2) OF THE NEW YORK STATE EDUCATION LAW