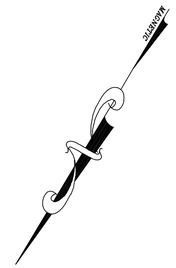
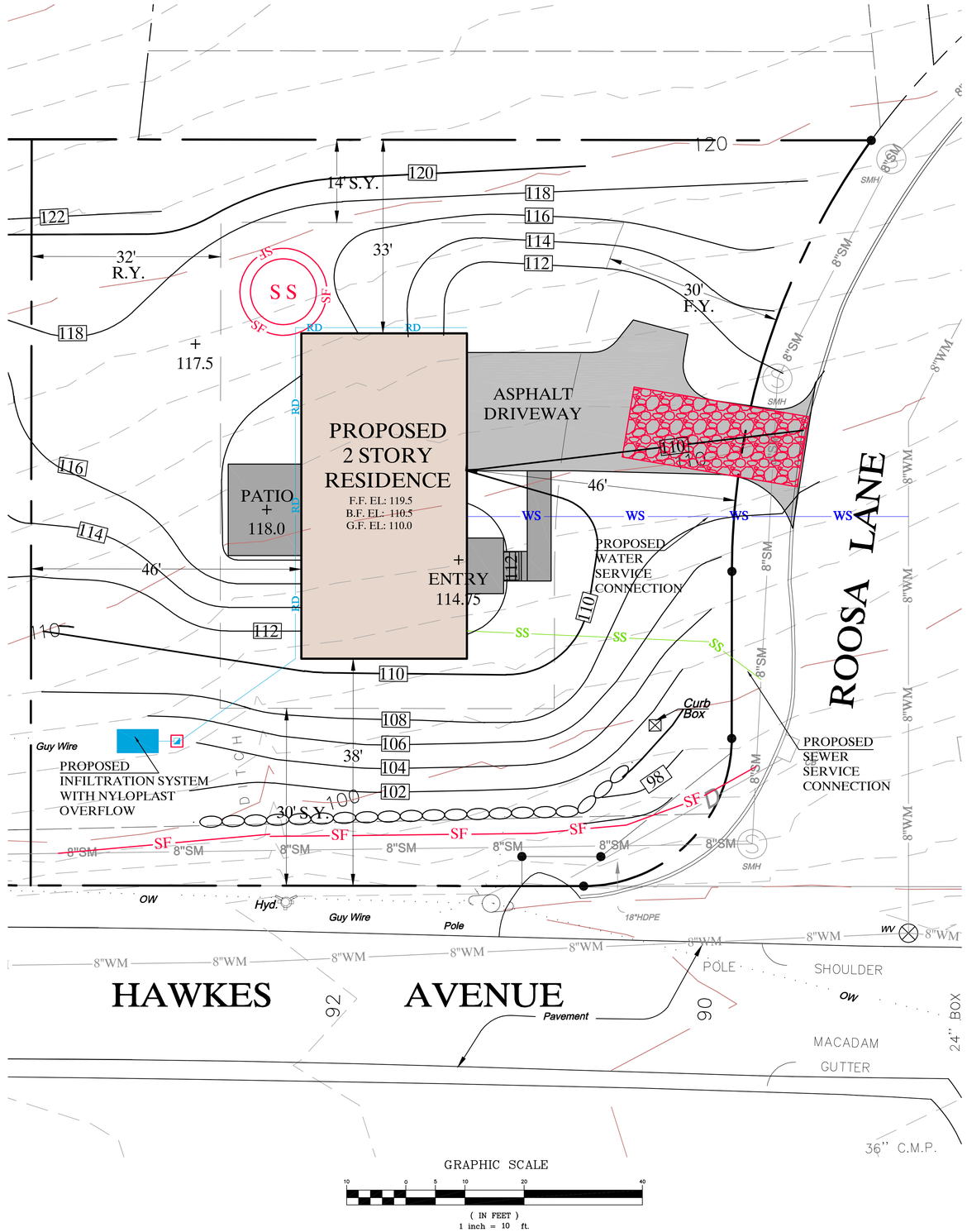


**GENERAL NOTES:**

1. SURVEY INFORMATION TAKEN FROM SURVEYS PREPARED BY DONNELY LAND SURVEYING, P.C. 1929 COMMERCE STREET, YORKTOWN HEIGHTS, NEW YORK DATED MAY 28, 2003.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF THE EXISTING FEATURES DISTURBED UNDER THIS CONTRACT, TO EXISTING CONDITION OR BETTER, AS DETERMINED BY THE ENGINEER.
3. THE TOWN ENGINEER'S OFFICE IS TO BE NOTIFIED 24 HOURS BEFORE COMMENCING SITE CONSTRUCTION.
4. ALL WORK IS TO BE COMPLETED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE TOWN'S CODE.
5. ALL CONDITIONS, LOCATIONS, AND DIMENSIONS SHALL BE FIELD VERIFIED AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
6. ALL CHANGES MADE TO THE PLANS SHALL BE APPROVED BY THE ENGINEER AND ANY SUCH CHANGES SHALL BE FILED AS AMENDMENTS TO THE ORIGINAL BUILDING PERMIT.
7. SEE THE ARCHITECTURAL PLANS FOR ALL BUILDING DRAWINGS, DETAILS AND NOTES.
8. ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL IN A "CODE 53" AT LEAST 2 DAYS BUT NO MORE THAN 10 DAYS PRIOR TO CONSTRUCTION FOR UNDERGROUND UTILITY LOCATIONS.
10. SUBSTRUCTURES AND THEIR ENCROACHMENTS BELOW GRADE, IF ANY, ARE NOT SHOWN.
11. CONTRACTOR TO VERIFY ALL SUBSTRUCTURES ENCOUNTERED DURING CONSTRUCTION.
12. ANY PROPOSED ELECTRIC AND/OR TELEPHONE, CABLE SERVICE LINES ARE TO BE PLACED UNDERGROUND.
13. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
14. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEES, SUBCONTRACTORS, AND THEIR AGENTS AND EMPLOYEES.

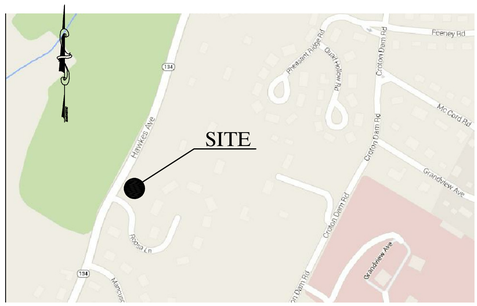
| ZONING (R-15) TABLE - OSSINING | | |
|---|---|---|
| REGULATION | MIN./MAX. DISTRICT REQUIREMENTS (GB) | PROPOSED |
| LOT AREA | 15,000 SF (MIN) | 15,361 SF |
| | | |
| LOT WIDTH | 90 FEET (MIN) | 119 FT |
| LOT DEPTH | 120 FEET (MIN) | 126 FT |
| FRONT YARD SETBACK | 30 FEET (MIN) | 46 FT |
| SIDE YARD SETBACK (1) | 14 FEET (MIN) | 33 FT |
| BOTH SIDE YARDS | 30 FEET (MIN) | 71 FT |
| REAR YARD | 32 FEET (MIN) | 46 FT |
| LIVABLE FLOOR AREA | 850 SF (MIN) | 2,520 FT |
| BUILDING HEIGHT | 2-1/2 STY / 35 FT (MAX) | 2.0 STORIES |
| BUILDING COVERAGE | 25% (MAX) | 17% |
| IMPERVIOUS COVERAGE | 4,520 SF (MAX) | 19% |




GRAPHIC SCALE

10 0 5 10 20 40

( IN FEET )
1 inch = 10 ft.




LOCATION MAP
1" = 500'

## SITE DATA

| | |
|---|---|
| APPLICANT/OWNER: | RALPH MARTINELLI<br>7 ROOSA LANE<br>OSSINING, NEW YORK 10562 |
| PROPERTY ADDRESS: | 1 ROOSA LANE<br>OSSINING, NEW YORK 10562 |
| TAX MAP DESIGNATION: | SECTION 89.08 BLOCK 1 LOT 38.11 |
| TOTAL AREA: | 0.35 ACRES (15,361 SF) |
| ZONING DISTRICT: | TOWN OF OSSINING - R-15 |

## LEGEND

- 370 — PROPOSED 10' CONTOUR
- 368 — PROPOSED 2' CONTOUR
- + 354.2 — PROPOSED SPOT ELEVATION
- EXISTING PROPERTY LINE
- 440 — EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- PROPOSED RESIDENCE
- PROPOSED ASPHALT DRIVEWAY
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED DRAIN INLET WITH INLET PROTECTION
- PROPOSED 6" Ø HDPE DRAINAGE PIPE
- SF — PROPOSED SILT FENCE
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- SS SF — PROPOSED SOIL STOCKPILE


KELLARD SESSIONS CONSULTING

ENGINEERING, LANDSCAPE ARCHITECTURE & PLANNING, P.C.

500 MAIN STREET
ARMONK, N.Y. 10504

P: (914) 273-2323
F: (914) 273-2329

WWW.KELSES.COM


# SITE PLAN

## 1 ROOSA LANE

TOWN OF OSSINING — WESTCHESTER COUNTY, NEW YORK

| REVISIONS | |
|---|---|
| 10. | |
| 9. | |
| 8. | |
| 7. | |
| 6. | |
| 5. | |
| 4. | |
| 3. | |
| 2. | |
| 1. | |

1 / 3

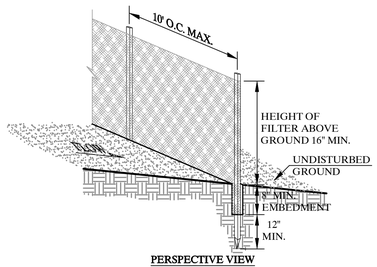
PROJECT I.D.: MVL200

DATE: JANUARY 20, 2015

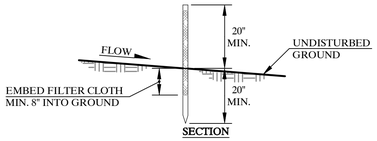


Jan 20, 2015 - 2:43pm G:\MVL\DWG\Dwgs\MVL200.dwg - Stein

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




PERSPECTIVE VIEW




SECTION

## CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

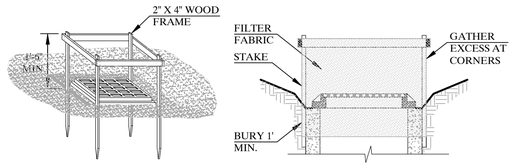
1. FILTER CLOTH TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

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

# FILTER FABRIC DROP INLET PROTECTION DETAIL (N.T.S.)

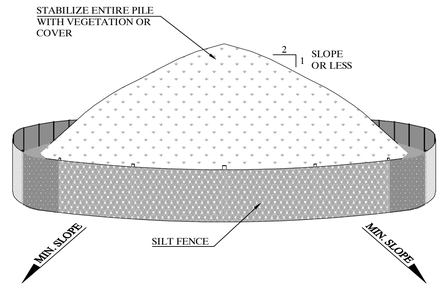



## CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

MAXIMUM DRAINAGE AREA = 1 ACRE

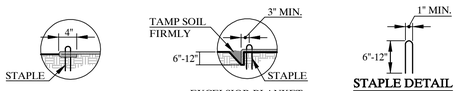
# TEMPORARY SOIL STOCKPILE DETAIL (N.T.S.)




## INSTALLATION NOTES

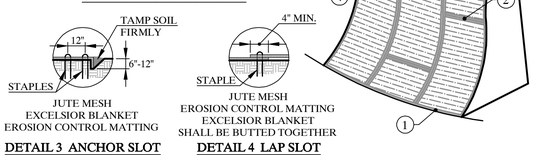
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS FOR INSTALLATION OF SILTFENCE.

# EROSION CONTROL BLANKET DETAIL (N.T.S.)




DETAIL 1 TERMINAL FOLD


DETAIL 2 JUNCTION SLOT



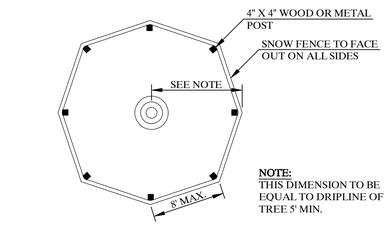

DETAIL 3 ANCHOR SLOT

DETAIL 4 LAP SLOT

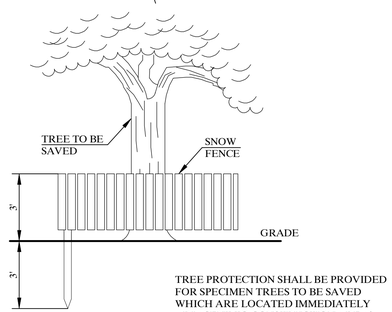
## CONSTRUCTION SPECIFICATIONS

1. APPLY TO SLOPES GREATER THAN 3H:1V OR WHERE NECESSARY TO AID IN ESTABLISHING VEGETATION.
2. APPLY FERTILIZER, LIME AND SEED PRIOR TO PLACING MATTING.
3. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4' X 225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4' X 150' ROLL OF MATERIAL.
4. DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
5. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

# TREE PROTECTION DETAIL (N.T.S.)

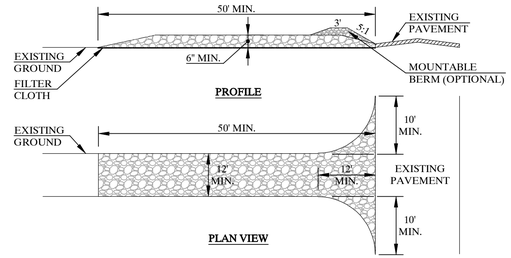



**NOTE:**
THIS DIMENSION TO BE EQUAL TO DRIPLINE OF TREE 5' MIN.




TREE PROTECTION SHALL BE PROVIDED FOR SPECIMEN TREES TO BE SAVED WHICH ARE LOCATED IMMEDIATELY ADJACENT TO CONSTRUCTION AREAS OR AS DIRECTED.

# STABILIZED CONSTRUCTION ENTRANCE DETAIL (N.T.S.)




## CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CON- STRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**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 Runoff from Construction Activity(GP-0-10-001)
- Town Code of Ossining Chapter 168 "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 construction and to prevent silt from reaching the drainage structures, infiltration systems and downstream properties. The infiltration systems will not be put into service until the contributing drainage areas to the system have been stabilized. As outlined in the construction sequencing notes below and on the Sediment & Erosion Control Plan, the Sediment & Erosion Control Plan is an integral component of the construction phasing and sequencing and will be implemented to control sediment and re-establish vegetation as soon as practicable. The plan will be implemented prior to the commencement of any earthmoving activities.

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 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.

■ **STABILIZED CONSTRUCTION ENTRANCE**

A stabilized construction entrance shall be installed at the project entrance as indicated on the plans. The purpose of the stabilized construction entrance is to prevent vehicles leaving the site from tracking sediment, mud or any other construction-related materials from the site onto the driveway and ultimately Roosa Lane.

**Maintenance/Inspection**

The Contractor shall maintain the construction entrance in a manner which prevents or significantly reduces the tracking of sediment/soil onto the driveway and ultimately Roosa Lane. The Contractor shall inspect the construction entrance daily and after each rain event for displacement or loss of aggregate. The Contractor shall top-dress the construction entrance when displacement/loss of aggregate occurs, or if the aggregate becomes clogged or silted to the extent that the entrance can no longer perform its intended function. The Contractor shall inspect the vicinity of the construction entrance several times a day and immediately remove any sediment dropped or washed onto the driveway and/or Roosa Lane.

■ **SILT FENCE**

Silt fence (geotextile filter 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 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 intermediately 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**

Silt fencing shall be inspected at a minimum of every seven (7) days. Inspections shall include ensuring that the fence material is tightly secured to the wood posts. In addition, overlapping filter fabric shall be secure and the fabric shall be maintained a minimum of eight (8) 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 and deposited on-site a minimum of 100 feet from any wetland.

■ **INLET PROTECTION**

After the project's drain inlets have been installed and the site is completely constructed and stabilized, these drain inlets will receive stormwater from the driveway and overland watersheds. The inlet protection barrier will allow stormwater to be filtered prior to reaching the inlet grate.

**Maintenance/Inspection**

Inlet protection devices shall be inspected at a minimum of every seven (7) days. Care shall be taken to ensure that all inlet protection devices are properly located and secure and do not become displaced. Any accumulated sediments shall be removed from the device and deposited not less than 100 feet from a wetland.

■ **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) at a minimum of once every seven (7) days. Soil stockpiles shall be protected from erosion by vegetating the stockpile with a rapidly-germinating grass seed and surrounded with either silt fence or staked weed-free haybales. 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, weed-free 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 to prevent erosion of the exposed soils. In site areas where significant erosion potential exists (steep slopes/slopes exceeding 2:1) and/or where specifically directed, Curlex Excelsior Erosion Control Blankets (Manufactured by American Excelsior or approved equal) shall be installed. Mulch is also used alone for temporary stabilization in non-growing months.

Materials that may be used for mulching include weed-free straw/ hay/salt hay, wood fiber, synthetic soil stabilizers, mulch netting, erosion control blankets or sod. A permanent vegetative cover will 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 or their representatives shall be on-site at all times when construction or grading activity takes place and shall inspect and document the effectiveness of all sediment and erosion control practices.

The intent of the erosion controls 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 stone rip-rap. On fill slopes, all material will be placed in layers not to exceed 9 inches in depth and adequately compacted. Where practicable, 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 practicable 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 includes daily pickup of construction debris, inspection, designated storage areas, and physical controls such as silt fencing 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 will 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.



KELLARD SESSIONS
CONSULTING
ENGINEERING, LANDSCAPE ARCHITECTURE & PLANNING, P.C.
500 MAIN STREET
ARMONK, N.Y. 10504
P: (914) 273-2323
F: (914) 273-2329
WWW.KELSES.COM

# EROSION & SEDIMENT CONTROL DETAILS/NOTES

## 1 ROOSA LANE

TOWN OF OSSINING — WESTCHESTER COUNTY, NEW YORK

| REVISIONS | |
|---|---|
| 10. | |
| 9. | |
| 8. | |
| 7. | |
| 6. | |
| 5. | |
| 4. | |
| 3. | |
| 2. | |
| 1. | |

2 / 3

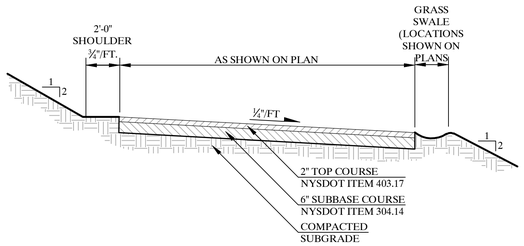
PROJECT I.D.: MVL200

DATE: JANUARY 20, 2015

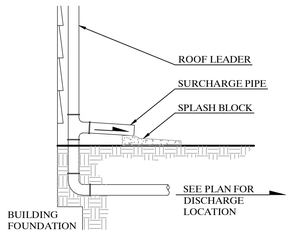


Jan 26, 2015 - 2:54pm G:\MVL200\ACAD Dwgs\MVL200-Dwg - Details

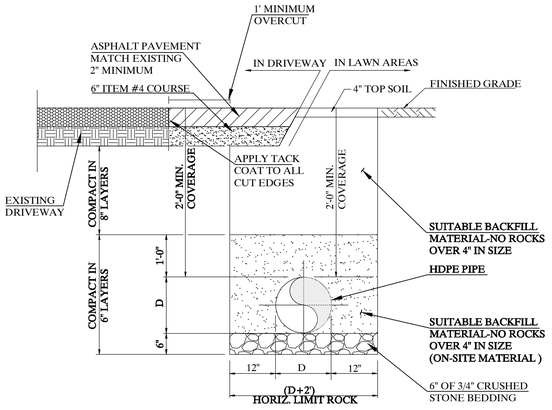
## DRIVEWAY SECTION DETAIL (N.T.S.)



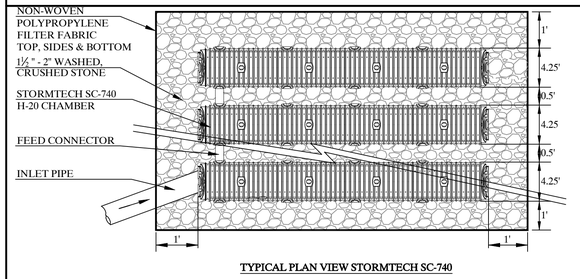

## ROOF LEADER DETAIL (N.T.S.)



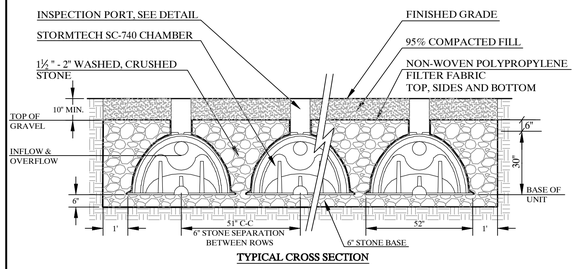

## PIPE TRENCH DETAIL (N.T.S.)




## UNDERGROUND INFILTRATION SYSTEM (N.T.S.)

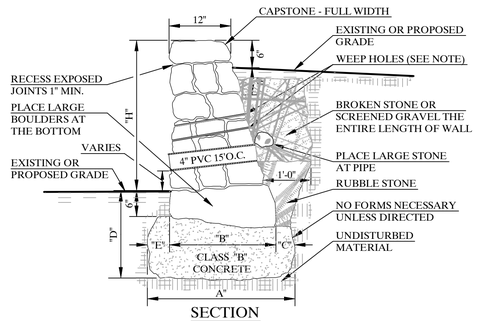



TYPICAL PLAN VIEW STORMTECH SC-740




TYPICAL CROSS SECTION

## RUBBLE STONE MASONRY RETAINING WALL DETAIL (N.T.S.)




SECTION

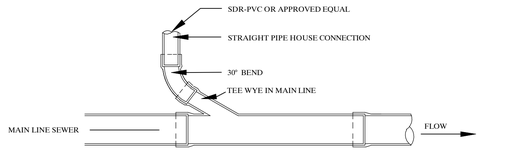
| DIMENSIONS | | | | | |
|---|---|---|---|---|---|
| H(Ft) | "A" | "B" | "C" | "D" | "E" |
| 1 | 2'-0" | 1'-6" | 3" | 2'-0" | 3" |
| 2 | 2'-6" | 2'-0" | 3" | 2'-0" | 3" |
| 3 | 3'-2" | 2'-6" | 4" | 3'-0" | 4" |
| 4 | 3'-8" | 3'-0" | 4" | 3'-0" | 4" |
| 5 | 4'-6" | 3'-6" | 6" | 3'-0" | 6" |
| 6 | 5'-0" | 4'-0" | 6" | 3'-0" | 6" |

NOTES:
1. RETAINING WALLS OVER 6FT. IN HEIGHT SHALL BE ENGINEERED OR IN CASE OF ROCK OCCURANCE; 8 ON 1 ROCK CUT SHALL BE UTILIZED.
2. STAGGER WEEP HOLES 18" O.C. VERTICALLY.
3. IN ROCK CUT AREAS; ALL ROCK CUTS SHALL BE STABILIZED TO THE SATISFACTION OF THE TOWN'S REPRESENTIVE.

## HOUSE SEWER CONNECTION AT GRADE ( NTS)

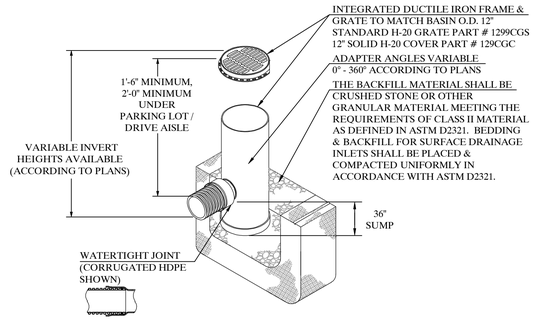



ELEVATION



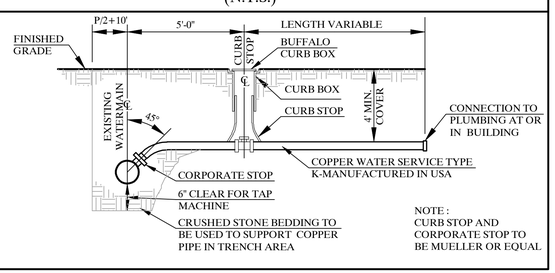

PLAN

## NYOPLAST DRAINAGE BASIN DETAIL (N.T.S.)




NYLOPLAST DRAINAGE BASIN DETAIL
MODEL # 2812AG MANUFACTURED BY NYLOPLAST OR APPROVED EQUAL.

## WATER SERVICE BUILDING CONNECTION DETAIL (N.T.S.)




NOTE :
CURB STOP AND CORPORATE STOP TO BE MUELLER OR EQUAL

**KELLARD SESSIONS**
CONSULTING

ENGINEERING, LANDSCAPE ARCHITECTURE & PLANNING, P.C.

500 MAIN STREET
ARMONK, N.Y. 10504

P: (914) 273-2323
F: (914) 273-2329

WWW.KELSES.COM

# DETAILS

## 1 ROOSA LANE

TOWN OF OSSINING — WESTCHESTER COUNTY, NEW YORK

| REVISIONS | |
|---|---|
| 10. | |
| 9. | |
| 8. | |
| 7. | |
| 6. | |
| 5. | |
| 4. | |
| 3. | |
| 2. | |
| 1. | |

3/3

PROJECT I.D.: MVL200

DATE: JANUARY 20, 2015

Jan 20, 2015 - 2:43pm G:\MVL200\CAD Dwgs\MVL200.dwg - Britt