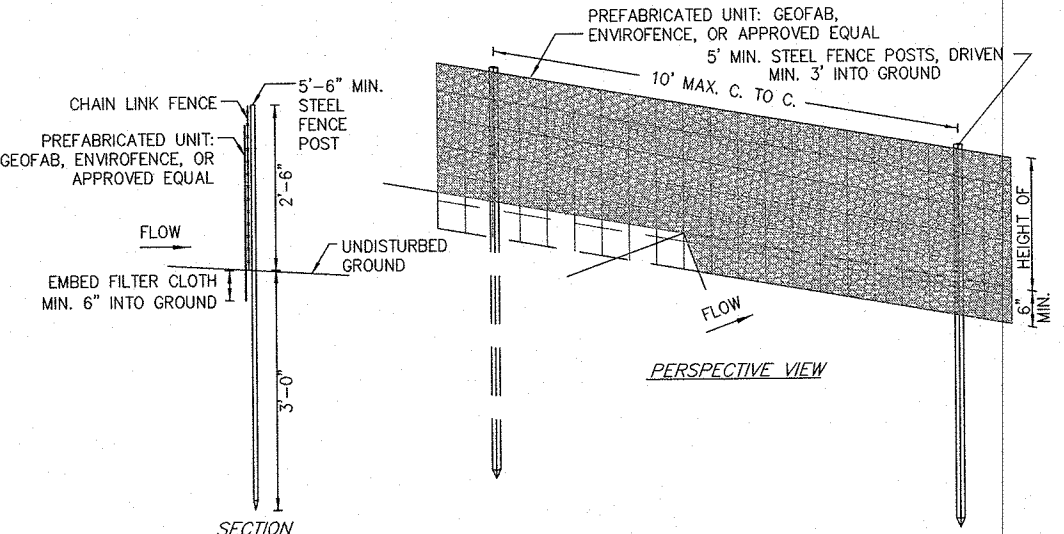


CONSTRUCTION NOTES FOR PRE FABRICATED SILT FENCE

1. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
2. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
3. THE FABRIC SHALL BE PLACED AGAINST CHAIN LINK FENCE AS SUPPORT BACKING WITH POSTS DRIVEN 3 FEET IN THE GROUND.
4. POSTS FOR SUPER SILT FENCE SHALL BE STANDARD CHAIN LINK FENCE POSTS.



DETAIL #3 SUPER SILT FENCE

N.T.S.

TL 50.12-1-38
N/F
JOHN RUGNUTTY

TL 50.12-1-37
N/F
JACQUES ESTIME &
CATHERINE SELBY

TL 50.12-1-36
N/F
DENISE & WILLIAM
MCHILLON

ADOLE METLANDS
P.O. BOX 1000 MAY 18, 2018
BY STEVEN MARINO P.E. INC.
TM MILLER ASSOCIATES, INC.
AREA = 200-400 SQ.FT.

SUPER SILT FENCE
DETAIL #3

PHASE 1

PHASE 2

PROPOSED
TWO STORY
BUILDING
RFL=492.0
LFL=481.0

PHASE 1

REINFORCED SILT FENCE
DETAIL #2

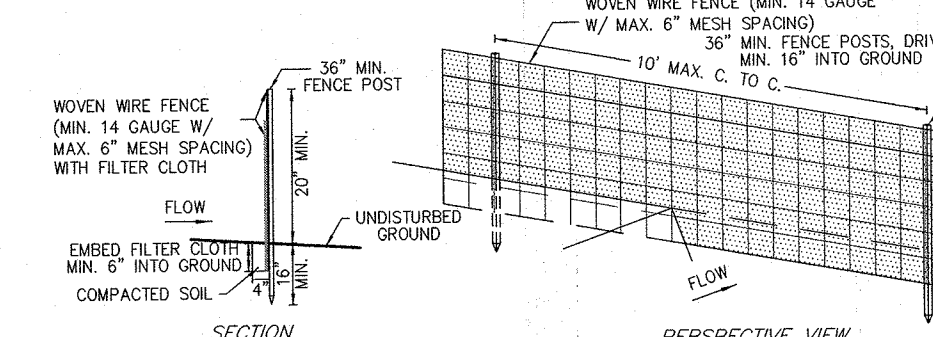
TL 50.12-1-5
N/F
BEN OF ROCKLAND
REALTY LLC

TL 50.12-1-6.1
N/F
JAYSHREE & JAGISH
PATEL

TL 50.12-1-6.2
N/F
MANUEL & BRIAN
MIZURUMBA

CONSTRUCTION NOTES FOR REINFORCED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MARI 1000, STABILINKA 1000, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL MEET THE MINIMUM REQUIREMENTS SHOWN.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



REINFORCED SILT FENCE DETAIL #2

N.T.S.

5' EARTH BERM & SWALE DETAIL

N.T.S.

CONSTRUCTION SPECIFICATIONS

1. AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
2. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL, OR OTHER OBSTRUCTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVELING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
3. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.
4. THE STONE USED IN THE OUTLET SHALL BE SMALL RIPRAP 4"-8" ALONG WITH A 1" THICKNESS OF 2" AGGREGATE PLACED ON THE UP-GRADE SIDE ON THE SMALL RIPRAP OR EMBEDDED FILTER CLOTH IN THE RIPRAP.
5. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP.
6. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
7. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION IS MINIMIZED.
8. THE STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

SEDIMENT TRAP CROSS SECTION X-X

SCALE: 1"=10'

TEMPORARY SEDIMENT TRAP SPILLWAY DETAIL

SCALE: 1"=4'

SPECIFICATIONS FOR CONSTRUCTION ENTRANCE

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FT. EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FT. MINIMUM LENGTH WOULD APPLY.
3. THICKNESS - NOT LESS THAN 6 IN.
4. WIDTH - 12 FT. MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCUR. 24 FT. IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO THE PLACEMENT OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE FIRED 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 RIGHT-OF-WAYS, ALL SEDIMENT (SPILLED, DROPPED, WASHED, OR TRACKED) ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS TO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

DETAIL #1 CONSTRUCTION ENTRANCE

N.T.S.

DETAIL #4 CURB INLET PROTECTION

N.T.S.

DETAIL #5 STOCKPILE

N.T.S.

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85.
2. WOODEN FRAME SHALL BE CONSTRUCTED OF 2"x4" CONSTRUCTION GRADE LUMBER.
3. WIRE MESH ACROSS THROAT SHALL BE A CONTINUOUS PIECE 30" MINIMUM WIDTH WITH A LENGTH 4 FT. LONGER THAN THE THROAT. IT SHALL BE SHAPED AND SECURELY NAILED TO A 2"x4" WEIR.
4. THE WEIR SHALL BE SECURELY NAILED TO 2"x4" SPACERS 9" LONG SPACED NO MORE THAN 6 FT. APART.
5. THE ASSEMBLY SHALL BE PLACED AGAINST THE INLET AND SECURED BY 2"x4" ANCHORS 2 FT. LONG EXTENDING ACROSS THE TOP OF THE INLET AND HELD IN PLACE BY SANDBAGS OR ALTERNATE WEIGHTS.

"UNAUTHORIZED ALTERATIONS OR ADDITIONS TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S EMBOSSED SEAL IS A VIOLATION OF SECTION 2706, SUBSECTION 2 OF THE NEW YORK STATE EDUCATION LAW." "ONLY COPIES FROM THE ORIGINAL TRACING OF THIS SURVEY SHALL BE CONSIDERED TO BE VALID TRUE COPIES." "CORRECTIONS INDICATED HERE ON SHEET #4 THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ASSETED BY THE SURVEYORS PROFESSIONAL SOCIETY, WHILE SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL SOCIETY MUST SEE, SEAL, AND SIGN THE ALTERNATION OF THE DRAWING AND/OR IN THE SPECIFICATIONS (NY'S EDUCATION LAW SECTION 2706-7)

STATE OF NEW YORK
JOHN R. NASH & ZIGLER, P.C.
N.Y.S. P.E. LIC. NO. 80966

STATE OF NEW YORK
JOHN R. ATZL
N.Y.S. P.E. LIC. NO. 80228

GENERAL CONSTRUCTION SEQUENCE

1. SCHEDULE A PRE-CONSTRUCTION MEETING
2. LOCATE NATURAL RESOURCE AND LIMIT OF DISTURBANCE PER PLAN
3. INSTALL PERIMETER E&SC PRACTICE PER PLAN
4. CREATE CONSTRUCTION ENTRANCE & TEMPORARY STAGING
5. LIMIT GRADING FOR E&SC PRACTICES
6. INSTALL ALL TEMPORARY EROSION & SEDIMENT CONTROL PRACTICES PER PLAN.
7. INSTALL SEDIMENT TRAP PER PLAN
8. DISPOSE CLEARING AND GRADING MATERIALS AS CONSTRUCTION IS IN PROGRESS
9. STOCK PILE TOP SOIL AND STABILIZE
10. ROUGH GRADING/CUT & FILL AND STABILIZE
11. INSTALL UTILITIES AND DRAINAGE STRUCTURES
12. PROCEED PARTIAL ROAD CONSTRUCTION WHERE APPLICABLE
13. CONSTRUCT FOUNDATION & BUILDING STRUCTURES AS PER PLAN
14. CONSTRUCT FINAL GRADING AND STABILIZE AS PER PLAN
15. APPLY SOIL RESTORATION AS SHOWN ON PLAN
16. FINAL STABILIZATION TO APPLY, I.E. TOP SOIL, PERMANENT GREEN INFRASTRUCTURE PRACTICES AND LANDSCAPING
17. REMOVE SEDIMENT & COMPLETE PERMANENT POST CONSTRUCTION SMPs PER PLAN
18. REMOVE E&SC PRACTICES AND APPLY FOR NOTICE OF TERMINATION (N.O.T.)

PHASE 1:

1. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES AS SHOWN ON THE PLAN.
2. INSTALL TEMPORARY EROSION & SEDIMENT CONTROL SUCH AS SILT FENCE, CONSTRUCTION ENTRANCE, SEDIMENT TRAP, SWALE, INLET PROTECTION PER PLAN.
3. PERFORM CLEARING AND GRUBBING ACTIVITIES IN DESIGNATED LIMIT OF DISTURBANCE AREA.
4. PERFORM CONSTRUCTION OF BUILDING FOUNDATION IN STAGES FOLLOWED BY WATER, SEWER AND OTHER UTILITIES INSTALLATION.
5. INSTALL STORM DRAINAGE SYSTEM PER PLAN EXCEPT THE INFILTRATION BASIN.
6. IMMEDIATELY FOLLOWING INSTALLATION OF THE DRAINAGE SYSTEM, INSTALL CURBS AND UPGRADED EROSION & SEDIMENT CONTROL PRACTICES AND MAINTAIN THEM UNTIL ALL DISTURBED AREA ARE STABILIZED WITH VEGETATION AND ALL PAVEMENTS ARE PAVED WITH A BASE COURSE.
7. AFTER COMPLETION OF PHASE 1, THE SITE SHALL BE STABILIZED PRIOR TO STARTING PHASE 2.

PHASE 2:

1. PERFORM GRADING FOR THE PROPOSED INFILTRATION BASIN AS SHOWN ON THE PLAN AND REMOVE THE TEMPORARY SEDIMENT TRAP.
2. AFTER INSTALLATION OF POST CONSTRUCTION SMPs, ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED AND REGRADED TO MATCH WITH THE PROPOSED APPROVED SITE PLAN.
3. AFTER COMPLETION OF ALL PHASES, INSPECTION SHALL BE REQUIRED BY QUALIFIED PROFESSIONAL IN ORDER TO APPLY FOR NOTICE OF TERMINATION.

TABLE FOR PHASING SCHEDULE

PHASING ID	DISTURBED AREA	SYMBOL
PHASING-1	3.334 ACS	
PHASING-2	0.774 ACS	

TOTAL AREA OF DISTURBANCE:

3.675 ACS.

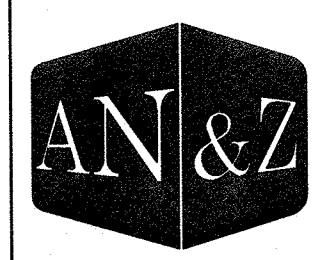
LEGEND

- SF - PROPOSED SUPER SILT FENCE
- R - PROPOSED REINFORCED SILT FENCE

GENERAL SOIL RESTORATION NOTES AND REQUIREMENTS:

1. Soil restoration is not required to the area where no soil disturbance is proposed.
2. Soil restoration is not required to the area where minimal soil disturbance is proposed such as clearing and grubbing.
3. Aerate and apply 6 inch of top soil to areas where topsoil is stripped only and no change in grade. Aeration includes the use of machines such as tractor-drawn implements with coulters making a narrow slit in the soil, a roller with many spikes making indentations in the soil, or prongs which function like a mini-subsoiler.
4. Soil Restoration (de-compaction and compost enhancement) is required to areas where cut and fill are proposed.
5. Soil Restoration (de-compaction and compost enhancement) is required to areas where heavy traffic areas on site, especially in a zone 5-25 feet around buildings but not within a 5 feet perimeter around foundation wall.
6. Soil Restoration (de-compaction and compost enhancement) is required on redevelopment projects in areas where existing impervious area will be converted to pervious area. During periods of relatively low to moderate subsoil moisture, the disturbed subsoils are returned to rough grade and the following Soil Restoration steps applied:
 - a) Apply 3 inches of compost over subsoil
 - b) Till compost into subsoil to a depth of at least 12 inches using a cat-mounted ripper, tractor-mounted disc, or tiller, mixing, and circulating air and compost into subsoils
 - c) Rock-pick until uplifted stone/rock materials of four inches and larger size are cleaned off the site
 - d) Apply topsoil to a depth of 6 inches
 - e) Vegetate as required by approved plan.

2	6-10-20	PER COMMENTS
1	4-21-20	PER TAC 3-11-20
REVISION	DATE	DESCRIPTION



ATZL, NASH & ZIGLER P.C.
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Web: www.ANZNY.com

PROJECT:

L'DOR

TOWN OF CLARKSTOWN
ROCKLAND COUNTY, NEW YORK

TITLE: PRELIMINARY SOIL EROSION & SEDIMENT CONTROL AND CONSTRUCTION PHASING PLAN

DRAWN BY: LK CHECKED BY: JRA

DATE: JANUARY 14, 2020 SCALE: 1 IN. = 30 FT.

PROJECT NO: DRAWING NO:

2861

9