

#### STANDARD AND SPECIFICATIONS FOR SILT FENCE

roll down. The area beyond the fence must be undis-

The type of silt fence specified for each location on the

Slope Length/Fence Length (ft.)

plan shall not exceed the maximum slope length and waximum fence length requirements shown in the fol-

Slope | Steepness | Standard | Reinforced | Super

2-10% | 50:1 to 10:1 | 125/1000 | 250/2000 | 300/2500

10-20% | 10:1 to 5:1 | 100/750 | 150/1000 | 200/1000

20-33% 5:1 to 3:1 60/500 80/750 100/1000

33-50% 3:1 to 2:1 40/250 70/350 100/500

>50% >2:1 20/125 30/175 50/250

Standard Silt Fence (SF) is fabric rolls stapled to wood-

Reinforced Silt Fence (RSF) is fabric placed against

welded wire fabric with anchored steel posts driven 16

Super Silt Fence (SSF) is fabric placed against chain

4. Silt fence shall be removed as soon as the disturbed

1. Silt Fence Fabric: The fabric shall meet the following

specifications unless otherwise approved by the

inert to commonly encountered chemicals, hydro-carbons, mildew, rot resistant, and conform to the fabric properties as

Heavy Duty2

Haul Roads

220

430

125

40-80

ough Graded

Test Meth

ASTM

D1682

ASTM

D1682

ASTM

D3786

ASTM D751

Modified

CW-02215

Light Duty Roads Grade Sub-

40-80

The access shall be maintained in a condition which will

prevent tracking of sediment onto public rights-of-way or

additional aggregate. All sediment spilled, dropped, or

washing is required, it shall be done on an area stabilized

with aggregate, which drains into an approved sediment-

trapping device. All sediment shall be prevented from

entering storm drains, ditches, or watercourses.

streets. This may require periodic top dressing with

appropriate erosion and sediment control plan approval

authority. Such approval shall not constitute statewide

area has achieved final stabilization.

Criteria for Silt Fence Materials

link fence as support backing with posts driven 3 feet in the

en stakes driven 16 inches in the ground.

inches in the ground.

< 50:1 | 300/1500 | N/A | N/A

turbed or stabilized.



#### Definition & Scope

A temporary barrier of geotextile fabric installed on the contours across a slope used to intercept sediment laden runoff from small drainage areas of disturbed soil by temporarily ponding the sediment laden runoff allowing settling to occur. The maximum period of use is limited by the ultraviolet stability of the fabric (approximately one year).

#### Conditions Where Practice Applies

A silt fence may be used subject to the following condi-

1. Maximum allowable slope length and fence length will not exceed the limits shown in the Design Criteria for

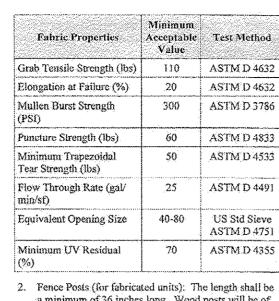
the specific type of silt fence used; and

- 2. Maximum ponding depth of 1.5 feet behind the fence; The silt fence shall be installed in accordance with the ap-
- propriate details. Where ends of filter cloth come together, they shall be overlapped, folded and stapled to prevent sedi-3. Erosion would occur in the form of sheet crosion; and ment bypass. Butt joints are not acceptable. A detail of the silt fence shall be shown on the plan. See Figure 5.30 on 4. There is no concentration of water flowing to the barripage 5.56 for Reinforced Silt Fence as an example of details
- 5. Soil conditions allow for proper keying of fabric, or other anchorage, to prevent blowouts.

- 1. Design computations are not required for installations of I month or less. Longer installation periods should be designed for expected runoff.
- 2. All silt fonces shall be placed as close to the disturbed area as possible, but at least 10 feet from the toe of a slope steeper than 3H:1V, to allow for maintenance and

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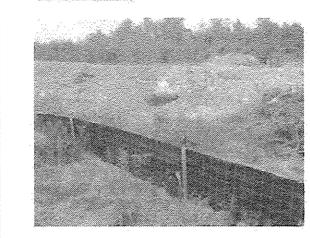
New York State Standards and Specifica-For Erosion and Sediment Control



2. Fence Posts (for fabricated units). The length shall be a minimum of 36 inches long. Wood posts will be of sound quality hardwood with a minimum cross sectional area of 3.5 square inches. Steel posts will be standard T and U section weighing not less than 1.00 pound per linear foot. Posts for super silt fence shall be standard chain link fence posts.

- 3. Wire Fence for reinforced silt fence: Wire fencing shall be a minimum 14 gage with a maximum 6 in. mesh opening, or as approved.
- 4. Prefabricated silt fence is acceptable as long as all material specifications are met.

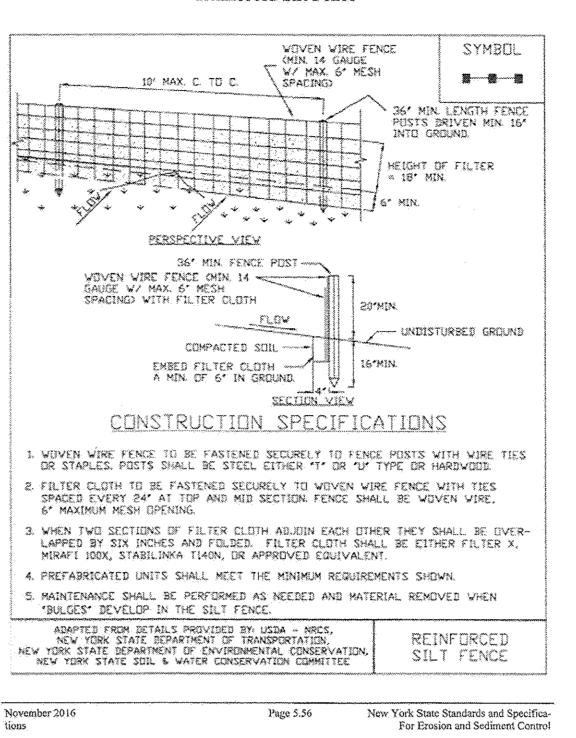
Reinforced Silt Fence

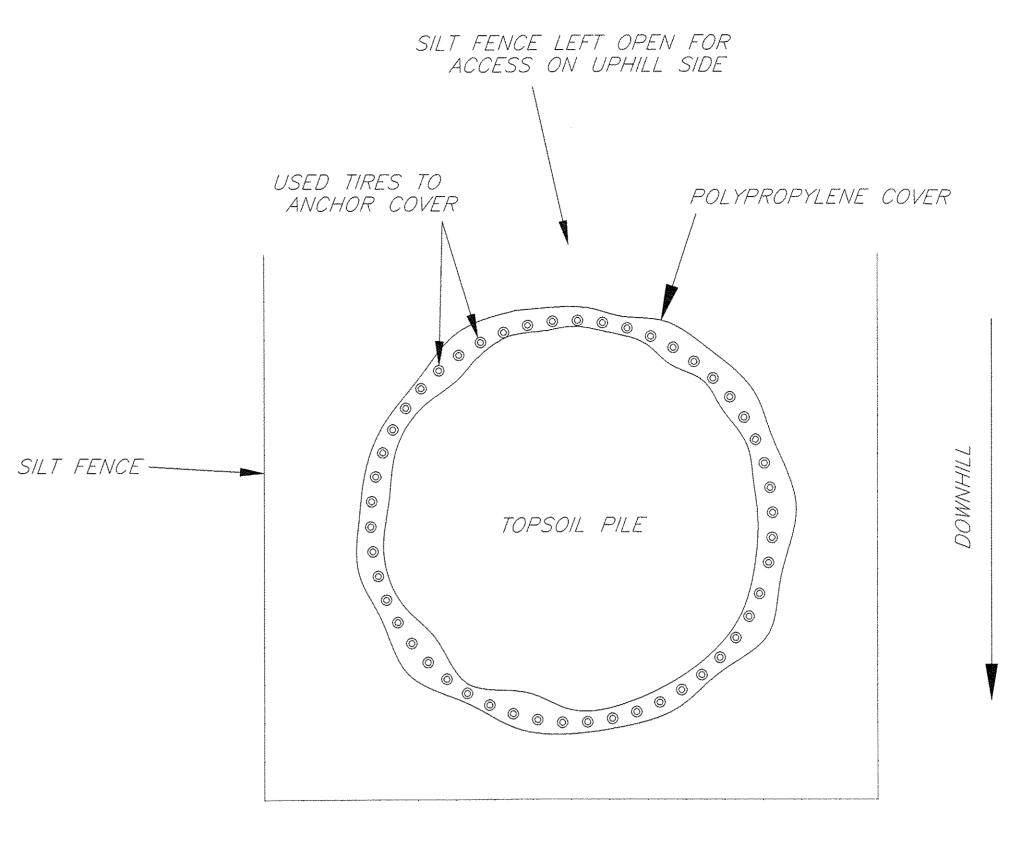


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Super Silt Fence

#### Figure 5.30 Reinforced Silt Fence





TOPSOIL STOCKPILE DETAIL

N.T.S.

Figure 1 - StormTech SC-740 Chamber (not to scale)

74 lbs (33.6 kg)

(762 mm)

Size (W x H x Installed L) 51.0" (1295 mm) x 30.0" (762 mm) x 85.4" (2169 mm)

24" (600 mm) DIA, MAX-

- 51.0" (1295 mm) -

Nominal Chamber Specifications

Chamber Storage 45.9 ft<sup>5</sup> (1.30 m<sup>3</sup>)

### SILT FENCE STANDARD AND SPECIFICATIONS

#### STANDARD AND SPECIFICATIONS FOR STABILIZED CONSTRUCTION ACCESS

Strength (lbs)

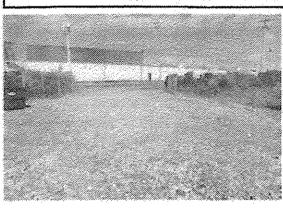
Failure (%)

Mullen Burst Strength (lbs)

ength (lbs)

Opening Size

00X, Typor 3401, or equivalent.



#### Definition & Scope

A stabilized pad of aggregate underlain with geotextile located at any point where traffic will be entering or leaving a construction site to or from a public right-of-way, street, alley, sidewalk, or parking area. The purpose of stabilized construction access is to reduce or eliminate the tracking of sediment onto public rights-of-way or streets.

#### Conditions Where Practice Applies A stabilized construction access shall be used at all points of construction ingress and egress.

#### Design Criteria

See Figure 2.1 on page 2.31 for details.

there is only one access to the site.

Aggregate Size: Use a matrix of 1-4 inch stone, or reclaimed or recycled concrete equivalent.

Thickness: Not less than six (6) inches. Width: 12-foot minimum but not less than the full width of points where ingress or egress occurs. 24-foot minimum if

Length: As required, but not less than 50 feet (except on a washed onto public rights-of-way must be removed single residence lot where a 30 foot minimum would apply). Geotextile: To be placed over the entire area to be covered When necessary, wheels must be cleaned to remove

shall be provided as required. If piping is impossible, a mountable berm with 5:1 slopes will be permitted. Criteria for Geotextile: The geotextile shall be woven or nonwoven fabric consisting only of continuous chain

polymeric filaments or yarns of polyester. The fabric shall be

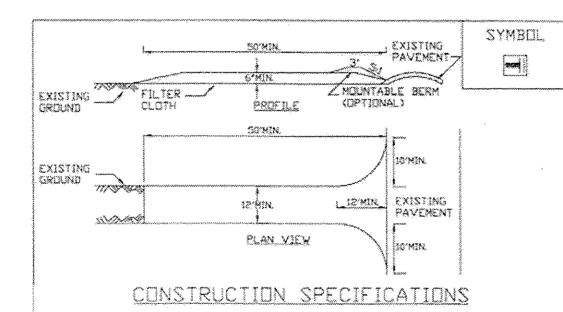
family residence lot. Piping of surface water under entrance

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with aggregate. Filter cloth will not be required on a single-

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#### Figure 2.1 Stabilized Construction Access



- 1. STONE SIZE USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLES CONCRETE EQUIVALENT. Light Duty Road: Area sites that have been graded to subgrade and ere most travel would be single axle vehicles and an occasional ma e truck. Acceptable materials are Trevira Spunbond 1115, Mirafi 2. LENGTH - NOT LESS THAN SO FEET KEXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLYS. Heavy Duty Road: Area sites with only rough grading, and where most
- ravel would be multi-axle vehicles. Acceptable materials are Trevira 3. THICKNESS - NOT LESS THAN SIX (6) INCHES. ounbond 1135, Mirali 600X, or equivalent, 4. WIDTH - TWELVE (IZ) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT Fabrics not meeting these specifications may be used only when design POINTS WHERE INGRESS OR EGRESS OCCURS. TVENTY-FOUR (24) FOOT IF SINGLE ocedure and supporting documentation are supplied to determine ag-
  - 5. GEDTEXTILE VILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
  - 6. SURFACE VATER ALL SURFACE VATER FLOWING OR DIVERTED TOWARD CON-STRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 51 SLOPES WILL BE PERMITTED. 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 TRACKED 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

ABAPTED FROM DETAILS PROVIDED BY USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, CONSTRUCTION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE ACCESS

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### Condition 4—Vegetative Requirements & Compliance Form

#### Vegetation Requirements:

- Install needed water and crosson control measures and bring area to be seeded to desired grades using a minimum of 4 in, topsoil. Prepare seedbed by loosening soil to a depth of 4-6 inches.
- Lime to a pH of 6.5 Fertilize as per soil test or, if fertilizer must be applied before soil test results are received, apply 850 pounds of 5-10-10 or
- equivalent per acre (20 lbs/1,000 sq. ft.) Incorporate lime and fertilizer in top 2-4 inches of topsoil.
- Smooth, Remove all stones over 1 inch in diameter, sticks, and foreign matter from the surface. Firm the seedbed. Planting—Sunny Location.

Upon completing soil de-compaction, use a cultipacker type seeder if possible. Seed to a depth of 1/8 to 1/4 inch. If seed is to be. broadcast, cultipack or roll after seeding. If hydroseeded, lime and fertilizer may be applied through the seeder and rolling is not practical. Seed using the following mix and rates:

Species (% by weight)
65% Kentucky bluegrass 20% perennial ryegrass.... 0.6-0.8.... 26-35 15% fine fescue..... 19-26 100% Tall fescue, Turf-type, fine leaf.... .. 3.4-4.6.....

3) When using the cultipacker or broadcast seed method, mulch using small grain straw, applied at a rate of 2 tons per acre; and anchor with a netting or tackiffer. Hydroseed applications should include mulch, fertilizer and seed.

Common white clover can be added to mixtures at the rate of 1-2 lbs/acre to help maintain green color during the dry summer period, however, they will not withstand heavy traffic. Fertilizing -- First year, (spring seedlings) three to four weeks after germination apply 1 pound nitrogen/1,000 square feet using a complete fertilizer with a 2-1-1 or 4-1-3 ratio or as recommended by soil test results. For summer and early fall seedings, apply as above unless air temperatures are above 85°l' for extended period. Wait until heat wave is over to fertilize. For late full/ winter seedings, fertilize in spring. Restrict use—new seedlings should be protected from use for one full year to allow development of a dense sod with good root structure.

#### Certification Statement

Please complete and sign this 2-sided document (with Typical Erosion Control Plan) and attach to BLUEPRINTS and SITE PLAN prior to any earth disturbance. These documents must be kept on site and be available for review as requested by any agent of the NYSDEC. This 2-sided form can be used as a basic stormwater pollution prevention plan, but will not xempt a landowner from filing a Notice of Intent.

I hereby certify under penalty of law that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspectors during a site inspection. I also understand that the owner or operator must comply with the term and conditions of the most current version of the New York State Pollutant Discharge Elimination System (SPDES) general permit for stormwater discharges from construction activities and that is unlawful for any person to cause of contribute to violation of water quality standards. Furthermore, I am aware that there are significant penalties for submitting false information, that I do of believe to be true, including the possibility of fine and imprisonment for know violations." uilder/Contractor (print)

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New York State Standards and Specifications For Erosion and Sediment Contro

PROFESSIONAL ENGINE

TEL. (845) 462-0600

P.O. BOX 3622, POUGHKEEPSIE, N.Y. 12603

VEGETATIVE REQUIREMENTS

COMPLIANCE FORM



NOTE: 1. CHAMBERS TO BE PLACED ON 6 INCH (MIN.) THICK BED OF NO. 4 (AASHTO) CRUSHED STONE. THE SAME STONE IS TO BE USED ON THE SIDES AND TOPS OF THE CHAMBERS, WITH A MINIMUM OF 6 INCHES OF STONE BETWEEN THE CHAMBERS, ON THE SIDES, AND ON THE TOP. 2. INLET PIPES FROM COMBINED DOWNSPOUT EXTENSIONS TO BE 6" DIAMETER SDR-35 3. OUTLET PIPES FROM CHAMBERS TO BE 4" DIAMETER SCH. 40 PVC 4. BOTH INLETS AND OUTLETS TO BE PLACED AT TOPS OF CHAMBER END CAPS

STORMWATER DETENTION CHAMBER DETAIL

## PROPOSED SITE PLAN JOSEPH CARBONE

286 OSCAWANA LAKE ROAD TOWN OF PUTNAM VALLEY SCALE: AS NOTED

FEBRUARY 19, 2020 REVISED 3/4/20

REVISED 6/2/20

PUTNAM COUNTY, N.Y. AREA = 7.892 ACRES

- ACCEPTS 4" (100 mm)

INSPECTION PORT

**表现于对于对于对于对于对于对于对于对于对于对于对于对于对于对于** 

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90.7" (2304 mm) -

85.4" (2169 mm) INSTALLED -

SCH 40 PIPE FOR OPTIONAL

UNAUTHORIZED ALTERATION OF THIS DOCUMENT, IN ANY WAY, CONSTITUTES A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209,

SHEET 2 OF 3

STABILIZED CONSTRUCTION ENTRANCE STANDARD AND SPECIFICATIONS

#### Putnam Valley Notes

- All improvements must be completed as shown on the approved plans. Any deviation from the approved Plans must be approved in accordance with Section 165-16C(2)(c) or 165-21C(2)(c) of the Town Code.
- 2. At all times the owner/operator shall maintain on—site a copy of the Planning Board's approving Resolution and approved Plans signed by the Chairman of the Planning Board.
- 3. The Town of Putnam Valley employs the services of outside Planning, Engineering, Wetland, and other consultants as needed, in the review and inspection of Planning Board applications. The owner/operator is required and hereby agrees to reimburse the Town for the fees of said consultants. An escrow account will be established and main—tained for the payment of such inspection fees. The account will be established prior to commencement of work and shall be maintained and supplemented throughout the duration of construction to a date no less than 60 days after issuance of an unrestricted unrestricted Certificate of Occupancy. Should the account balance be exhausted, all work shall cease until the account balance is supplemented to allow for future inspections.
- 4. If coverage under GP-0-15-002 is required, the owner/operator shall maintain on-site a copy of the General Permit (GP-0-15-002), Notice of Intent (NOI), NOI Acknowledgement letter, approved Stormwater Pollution Prevention Plan (SWPPP), MS4 SWPPP Acceptance Form, and inspection reports prepared by a qualified inspector.
- 5. If at any time during construction the Code Enforcement Officer, Planning Board, or its agents determine that construction is not taking place in conformance with the approved Plans, a stop work order shall be issued by the Code Enforcement Officer and all work shall cease except such work approved by the Code Enforcement Officer and/or Town Engineer to correct erosion and sediment controls
- 6. Unless otherwise authorized by the Town Engineer, all erosion and sediment control measures shall comply with Chapter 102, Stormwater Management and Erosion and Sediment Control, of the Town Code and the latest edition of the "New York State Stormwater Management Design Manual."
- 7. Unless otherwise authorized by the Town Engineer, all stormwater management proctices shall be designed to comply with Chapter 102, Stormwater Management and Erosion and Sediment Control, of the Town Code and the latest edition of the "New York State Stormwater Managment Design Manual."
- 8. Prior the commencement of work, all trees to be removed shall be identified in the field by use of a bright colored surveyor's ribbon. If any trees designated on the tree plan for preservation are removed without Planning Board approval, a Stop Work Order shall be issued by the Building Inspector and all work shall cease until a tree replacement plan, prepared in conformance with Section 165–21.1 of the Zoning Code, has been approved by the Planning Board and implemented to the Planning Board's satisfaction.
- 9. Prior the commencement of work, the limit of disturbance line, as shown on the approved Plans shall be staked by a licensed land surveyor and delineated in the field by use of an orange construction fence or approved equal. The construction fence shall remain installed and properly maintained throughout the duration of construction.
- 10. Prior to commencement of work, the owner shall call the Underground Line Location Service. The owner is responsible to locate and protect all above and below ground utilities throughout all phases of construction.
- 11. Electrical power, telephone, cable television, and other utilities shall be installed under ground.
- 12. Construction activities shall only take place between the hours of 8:00 a.m. and 8:00 p.m. on weekdays and 9:00 a.m. and 7:00 p.m. on weekends and holidays.
- 13. All construction activities shall comply with Chapter 82-5C, Noise, of the Town Code.
- 14. Unless authorized by the Planning Board, blasting is prohibited.
- 15. Approval of these Plans does not constitute acceptance of land areas designated for dedication to the Town of Putnam Valley, if any.
- 16. The continued validity of a Certificate of Occupancy shall be subject to continued conformance with these Plans and the Planning Board's approving Resolution.

#### As-Built Survey Notes

- Prior to the issuance of a Building Permit, the foundation location shall be survey located (by use of offsets) by a NYS Licensed Land Surveyor and shall correspond to the approved Plans; correspondence from the surveyor shall be provided to the Building Department certifying the same.
- 2. Prior to framing, an as—built survey of the foundation shall be submitted to the Building Department. The survey shall be prepared by a NYS Licensed Land Surveyor, shall include elevations and property line setback dimensions to demonstrate compliance with these approved Plans, and shall be prepared to the satisfaction of the Town Engineer and Building Inspector.
- 3. The owner/operator shall submit an as—built survey of any stormwater management facility located on—site after final construction is completed. This survey must show the final design specification for all stormwater management facilities and must be certified by a NYS Professional Engineer.

#### Site Inspection Notes

- 1. Prior to commencement of work, a pre-construction meeting shall take place with the applicant, contractor, Building Inspector, Town Engineer, Town Planner, and other relevant parties, as determined necessary. At time of inspection, all erosion and sediment control measures and construction fencing shall be installed and all trees to be removed shall be marked with a bright colored surveyor's ribbon.
- 2. All improvements are subject to inspection by the Town and its agents without notification during the approval and construction process.
- 3. The Town of Putnam Valley Stormwater Managment Officer may require such inspections as necessary to determine compliance with Chapter 102, Stormwater Management and Erosion and Sediment Control, and may either approve the portion of the work completed or notify the owner/operator wherein the work fails to comply with the requirements of Chapter 102 and the approved SWPPP. To obtain inspections, the owner/operator shall notify the Town of Putnam Valley enforcement official at least 48 hours before any of the following:
  - Start of construction.
  - Start of construction.
     Installation of sediment and erosion control measures.
  - Completion of site clearing.
     Completion of rough grading.
     Completion of final grading.
  - Completion of final grading.
    Close of construction season.
    Completion of final landscaping.
  - Successful establishment of landscaping in public areas.
- 4. If coverage under GP-0-15-002 is required, the owner/operator shall retain the services of a qualified inspector and the qualified inspector shall conduct a site inspection at least once every seven (7) calendar days. Inspection reports shall be provided to the Planning Board and Building Department on a weekly basis and a copy of each report shall be kept on-site.
- 5. Prior to the issuance of a Certificate of Occupancy, a final site inspection shall be conducted with the property owner/applicant, contractor, Building Department, Town Engineer, Town Planner and other relevant parties. A Certificate of Occupancy shall not issue unless the Code Enforcement Officer has first received a written report from the Town Engineer, Town Planner and Town Wetland Inspector, as applicable, stating that all land development activities meet their satisfaction and that the site has been designed in accordance with the approved Plans.

#### Putnam Valley Site Specific Notes

- 1. The gross site area equals 7.892 acres.
- 2. Total site disturbance equals 0.67 acres.
- 3. According to the Tax Assessor, the subject site consists of the following tax parcel identification numbers: 73.9—1—53
- 4. Survey data shown hereon is taken from drawing entitled "Boundary and Topographic Survey Prepared for Carbone", dated 10/3/2019, and done by Brendan Johnson, P.L.S.
- 5. Topographic data shown hereon is taken from (same as No. 4 above)
- 6. Soil boundaries shown hereon are taken from U.S. Dept. of Agriculture
  Soil Conservation Service Soil Survey of Putnam and Westchester Counties
- 7. The subject site is located in the R-1 Zoning District.
- 8. The subject site is located in the Putnam Valley Central School District.

  9. The subject site is located in the Putnam Valley \_\_\_\_\_\_\_ Overlay District(s).
- 10. The subject site is located in the Hudson River Watershed.

# PROPOSED SITE PLAN FOR JOSEPH CARBONE

286 OSCAWANA LAKE ROAD TOWN OF PUTNAM VALLEY SCALE: AS NOTED FEBRUARY 19, 2020

P.O. BOX 3622, POUGHKEEPSIE, N.Y. 12603

TEL. (845) 462-0600

*REVISED 3/4/20 REVISED 6/2/20* 

PUTNAM COUNTY, N.Y. AREA = 7.892 ACRES

UNAUTHORIZED ALTERATION OF THIS DOCUMENT, IN ANY WAY, CONSTITUTES A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, SECTION 7209, SUR-DIVISION 2

SHEET 3 OF 3