

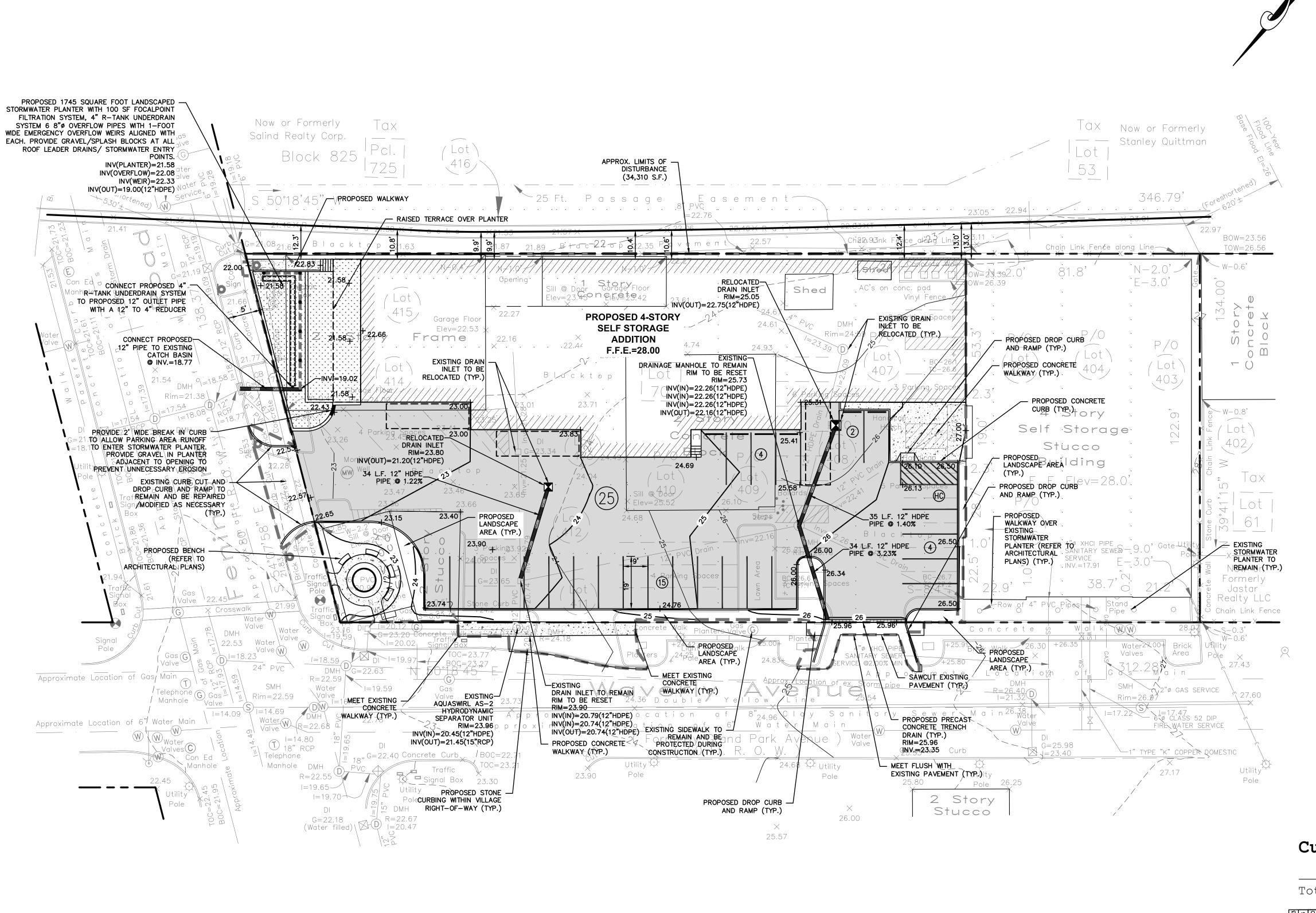
ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

( IN FEET )

1 inch = 20 ft.

CONSULTING, P.C.

45 Knollwood Road — Suite 201
Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086 © 2018



### **GENERAL NOTES:**

- 1. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SUPERVISION OF THE
- CONSTRUCTION. 2. NO CHANGES SHALL BE MADE TO THESE PLANS EXCEPT AS PER NYS LAW CHAPTER
- 3. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL APPLICABLE CODES, INCLUDING BUT NOT LIMITED TO ACI, AISC, ZONING, AND THE NEW YORK STATE BUILDING CODE. 4. ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED AND THE
- ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES. 5. 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 6. 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. 7. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEES, SUBCONTRACTORS AND THEIR AGENTS AND
- EMPLOYEES, AND OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTACT WITH THE CONTRACTOR. 8. SAFETY DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR
- AND SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL AGENCIES IN EFFECT
- DURING THE PERIOD OF CONSTRUCTION. 9. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL MAKE APPLICATION TO RECEIVE ALL NECESSARY PERMITS TO PERFORM THE WORK UNDER CONTRACT. THE

CONTRACTOR AND HIS SUBCONTRACTORS SHALL BE LICENSED TO DO ALL WORK AS REQUIRED BY THE LOCAL, COUNTY, AND STATE AGENCIES WHICH MAY HAVE

- JURISDICTION OVER THOSE TRADES, AND SHALL PRESENT THE OWNER WITH COPIES OF ALL LICENSES AND INSURANCE CERTIFICATES. 10. FINAL GRADING AROUND THE BUILDING AREA SHALL SLOPE AWAY FROM THE
- STRUCTURF. 11. ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS.
- 12. ADJOINING PUBLIC AND PRIVATE PROPERTY SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION, REMODELING AND DEMOLITION WORK, PROTECTION MUST BE PROVIDED FOR FOOTINGS, FOUNDATIONS, PARTY WALLS, CHIMNEYS, SKYLIGHTS AND ROOFS. PROVISIONS SHALL BE MADE TO CONTROL WATER RUNOFF AND EROSION DURING CONSTRUCTION OR DEMOLITION ACTIVITIES. THE PERSON MAKING OR CAUSING AN EXCAVATION TO BE MADE SHALL PROVIDE WRITTEN NOTICE TO THE OWNERS OF ADJOINING BUILDINGS ADVISING THEM THAT THE EXCAVATION IS TO BE MADE AND THAT THE ADJOINING BUILDING SHOULD BE PROTECTED. SAID NOTIFICATION SHALL BE DELIVERED NOT LESS THAN 10 DAYS PRIOR TO THE
- SCHEDULED STARTING DATE OF THE EXCAVATION. 13. OWNER SHALL INSURE THAT THE INSURANCE PROVIDED BY THE CONTRACTOR HIRED TO PERFORM THE WORK SHALL BE ENDORSED TO NAME HUDSON ENGINEERING & CONSULTING, P.C., AND ANY DIRECTORS, OFFICERS, EMPLOYEES, SUBSIDIARIES, AND AFFILIATES, AS ADDITIONAL INSURED ON ALL POLICIES AND HOLD HARMLESS DOCUMENTS, AND SHALL STIPULATE THAT THIS INSURANCE IS PRIMARY, AND THAT ANY OTHER INSURANCE OR SELF-INSURANCE MAINTAINED BY HUDSON ENGINEERING & CONSULTING, P.C., SHALL BE EXCESS ONLY AND SHALL NOT BE CALLED UPON TO CONTRIBUTE WITH THIS INSURANCE. ISO ADDITIONAL INSURED ENDORSEMENT FORM NUMBER CG2010 1185 UNDER GL. COPIES OF THE INSURANCE POLICIES SHALL BE SUBMITTED TO AND HUDSON ENGINEERING & CONSULTING, P.C., FOR APPROVAL PRIOR TO THE SIGNING OF THE CONTRACT.
- 14. INDUSTRIAL CODE RULE 753: THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS PRIOR TO THE START OF HIS OPERATIONS AND SHALL COMPLY WITH ALL THE LATEST INDUSTRIAL CODE RULE 753 REGULATIONS.

# **LEGEND**

PROPERTY LINE	
PROPOSED CONCRETE CURB	
PROPOSED BITUMINOUS CONCRETE PAVEMENT	
PROPOSED WALKWAY	44 44
PROPOSED CONTOUR	<del>26</del>
PROPOSED SPOT GRADE	+26.25
PROPOSED STORM PIPE	iseratu iseratu
PROPOSED DRAIN INLET	
PROPOSED TRENCH DRAIN	
PROPOSED LIMIT OF DISTURBANCE	

- ANY IMPORTED SOIL SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS FOR QUALITY AND USE. OFF-SITE DISPOSAL OF EXCESS CUT SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. THE APPLICANT SHALL PROVIDE AN AS-BUILT PLAN OF THE STORMWATER MANAGEMENT SYSTEM (FOR ALL STORM FEATURES
- INCLUDING, BUT NOT LIMITED TO, LOCATIONS OF STORMWATER INFRASTRUCTURE, INVERT/RIM ELEVATIONS, PIPE LOCATIONS AND SIZES, FINAL GRADING, ETC.) CERTIFIED BY THE ENGINEER ON RECORD, PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY. THE AS-BUILT PLAN SHALL ALSO INCLUDE THE FINAL MAINTENANCE SCHEDULE FOR THE STORMWATER MANAGEMENT FEATURES.

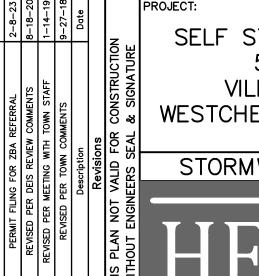
# **UTILITY REMOVAL NOTES:**

- 1. EXISTING SANITARY SEWER SERVICES TO ALL BUILDINGS TO BE DEMOLISHED SHALL BE ABANDONED AND CAPPED AT THE MAIN. A WATERTIGHT JOINT SHALL BE USED TO CAP THE MAIN PER VILLAGE OF MAMARONECK STANDARDS.
- 2. EXISTING WATER SERVICES TO ALL BUILDINGS TO BE DEMOLISHED SHALL BE REMOVED, CUT AND CAPPED PER WESTCHESTER JOINT WATER WORKS REQUIREMENTS AND REGULATIONS.
- 3. THE VILLAGE ENGINEER SHALL BE CONTACTED PRIOR TO REMOVAL OF UTILITIES. NO TRENCHES SHALL BE BACKFILLED PRIOR TO RECEIVING THE VILLAGE ENGINEER'S APPROVAL.

# Cut/Fill Summary

Net Cut Fill

Totals 150.00 Cu. Yd. 69.90 Cu. Yd. 80.10 Cu. Yd.<CUT>



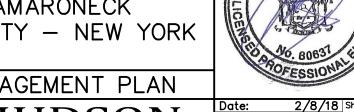
GRAPHIC SCALE

( IN FEET )

1 inch = 20 ft.

SELF STORAGE BUILDING ADDITION 560 FENIMORE ROAD VILLAGE OF MAMARONECK WESTCHESTER COUNTY - NEW YORK

STORMWATER MANAGEMENT PLAN



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**HUDSON** ENGINEERING CONSULTING, P.C 5 Knollwood Road — Suite 20 Elmsford, New York 10523

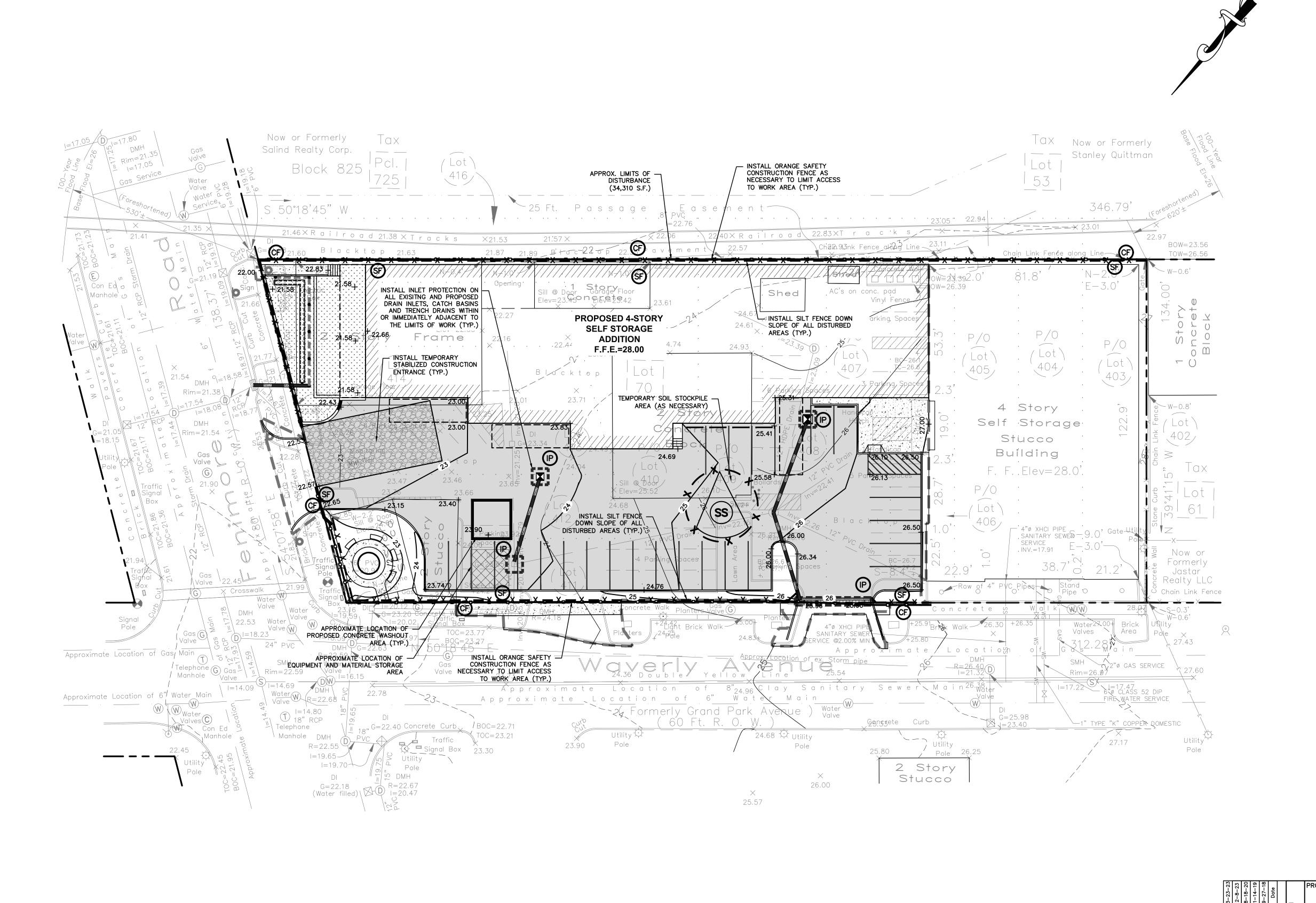
T: 914-909-0420 F: 914-560-2086

Checked By:

Designed By: D.

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INSTALLATION & MAINTENANCE OF EROSION CONTROL:

CONSTRUCTION SCHEDULE

NOTIFY APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 5 DAYS PRIOR TO START.

EROSION CONTROL MEASURES PRIOR TO START OF CONSTRUCTION. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO INSTALLATION.

INSPECTION BY MUNICIPALITY MAINTENANCE (TO BE PERFORMED DURING ALL PHASES OF CONSTRUCTION)

AFTER ANY RAIN CAUSING RUNOFF, CONTRACTOR TO INSPECT HAYBALES, ETC. AND REMOVE ANY EXCESSIVE SEDIMENT AND INSPECT STOCKPILES AND CORRECT ANY PROBLEMS WITH SEED ESTABLISHMENT. INSPECTIONS SHALL BE DOCUMENTED IN WRITING AND SUBMITTED TO THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION.

INSPECTION BY MUNICIPALITY — FINAL GRADING REMOVE UNNEEDED SUBGRADE FROM SITE.

CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY - LANDSCAPING

SPREAD TOPSOIL EVENLY OVER AREAS TO BE SEEDED. HAND RAKE LEVEL. BROADCAST 1.25 LB. BAG OF JONATHAN GREEN "FASTGROW" MIX OR EQUAL OVER AREA TO BE SEEDED. APPLY STRAW MULCH AND WATER WITHIN 2 DAYS OF COMPLETION OF TOPSOILING. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY - FINAL LANDSCAPING

GRASS ESTABLISHED.

CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

INSPECTION BY MUNICIPALITY - FINAL INSPECTION

ALL EROSION CONTROL MEASURES REMOVED AND GRASS ESTABLISHED.
CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

# **LEGEND**

TEMPORARY INLET PROTECTION TEMPORARY SILT FENCE TEMPORARY CONSTRUCTION FENCE TEMPORARY SOIL STOCKPILE AREA STABILIZED CONSTRUCTION

ENTRANCE

PROPOSED LIMIT OF DISTURBANCE

SELF STORAGE BUILDING ADDITION 560 FENIMORE ROAD VILLAGE OF MAMARONECK

WESTCHESTER COUNTY - NEW YORK

**EROSION & SEDIMENT CONTROL PLAN** 



GRAPHIC SCALE

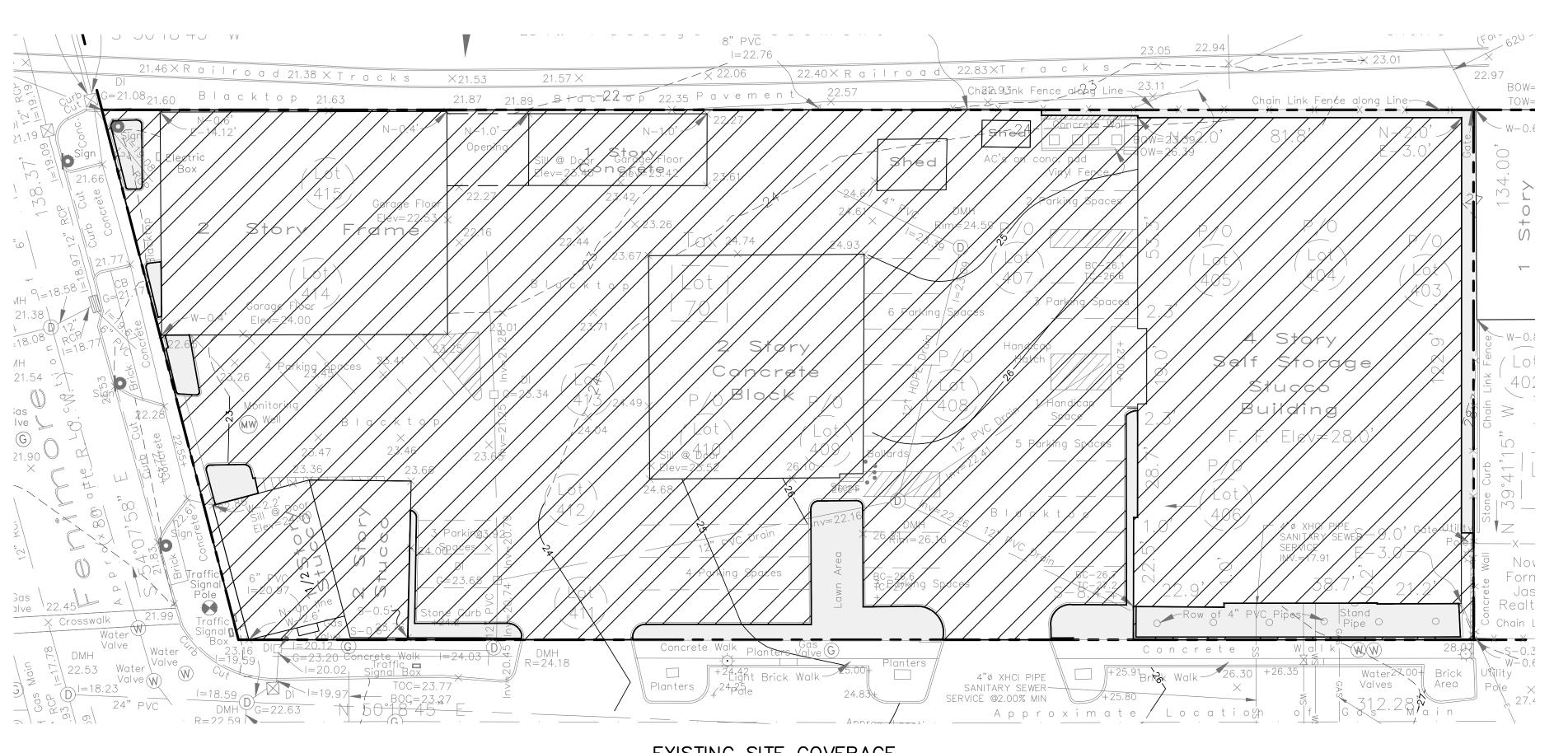
( IN FEET )

1 inch = 20 ft.

**HUDSON** 

ENGINEERING CONSULTING, P.C 5 Knollwood Road — Suite 20 Elmsford, New York 10523

Designed By: D Checked By: N T: 914-909-0420 F: 914-560-2086



Existing Site Coverage

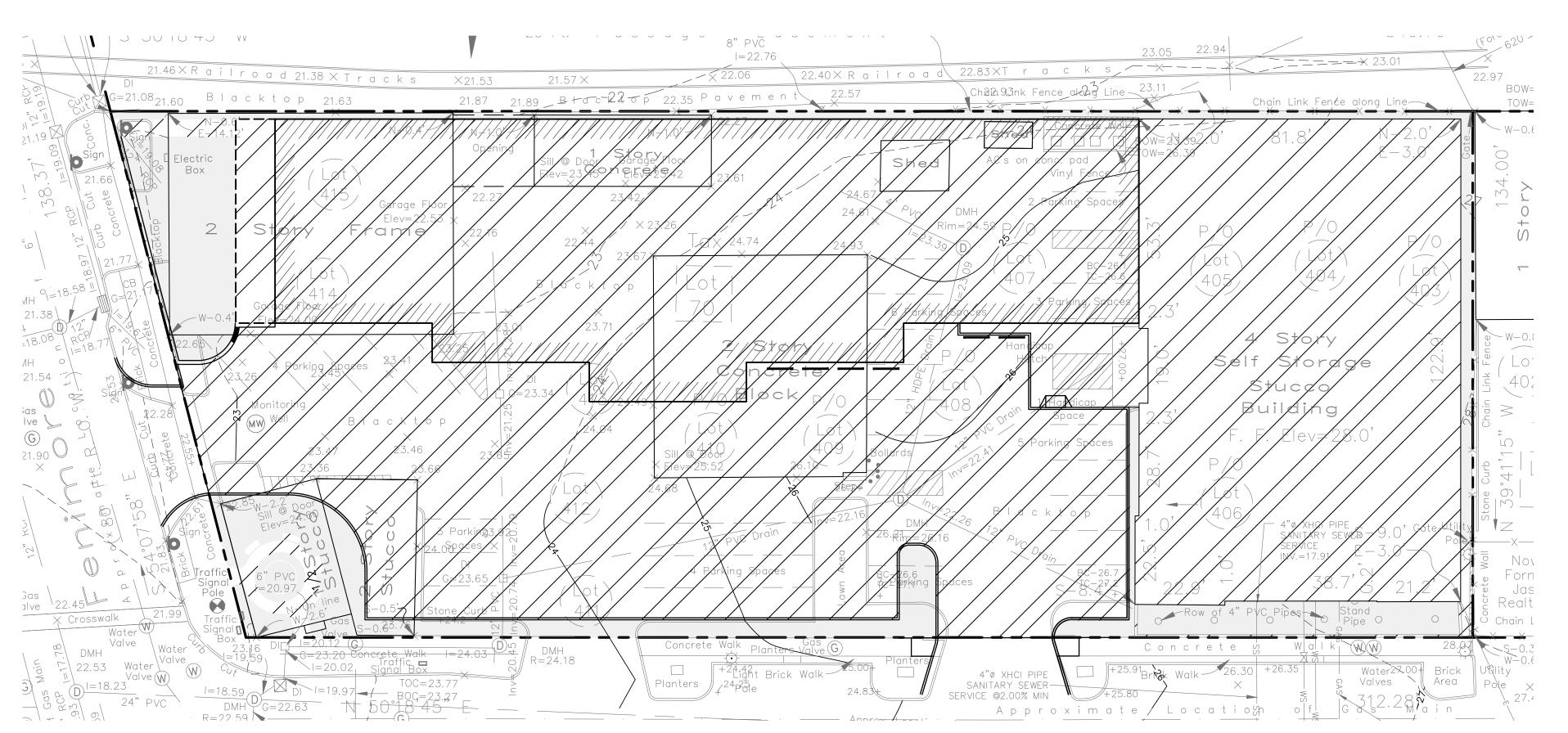
41,390 SF 2,766 SF Pervious:

<u>LEGEND</u>

PERVIOUS COVER



EXISTING SITE COVERAGE SCALE: 1"=20'

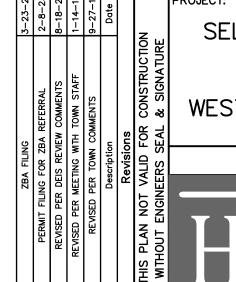


**Proposed Site Coverage** Impervious: 39,235 SF

Pervious:

4,921 SF

PROPOSED SITE COVERAGE SCALE: 1"=20'



SELF STORAGE BUILDING ADDITION 560 FENIMORE ROAD VILLAGE OF MAMARONECK WESTCHESTER COUNTY - NEW YORK

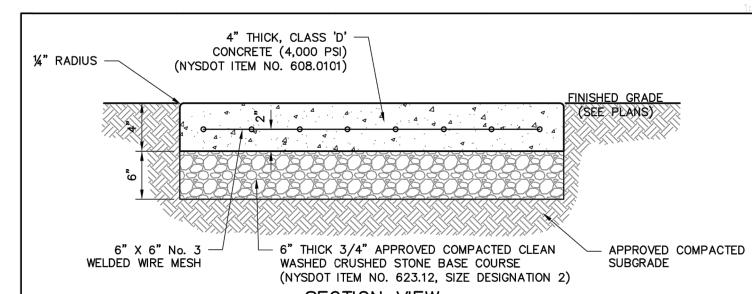
SITE COVERAGE PLAN



Date: 2/8/18 Sheet:
Scale: 1" = 20'
Designed By: D.C.
Checked By: M.S.
Sheet No. & CONSULTING, P.C.
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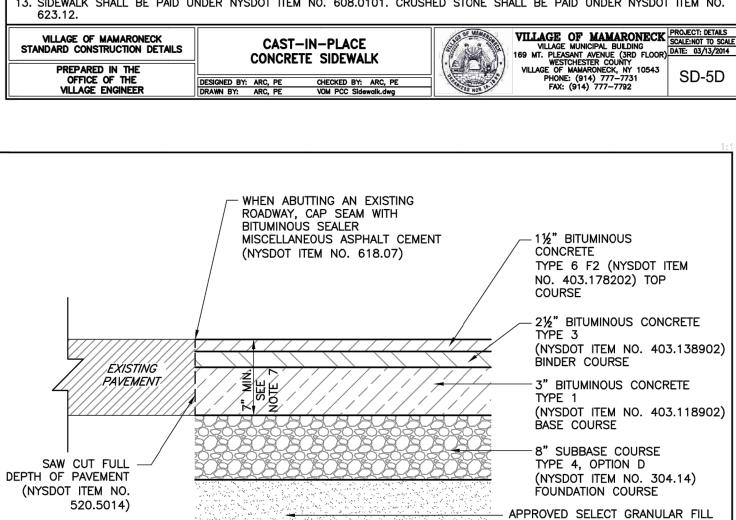
GRAPHIC SCALE ( IN FEET ) 1 inch = 20 ft.



### SECTION VIEW NOTES:

- WHEN SIDEWALK ABUTS A ROADWAY, CURB AND SIDEWALK SHALL BE MONOLITHICALLY CONSTRUCTED. REFER TO VILLAGE STANDARD MONOLITHIC CURB AND SIDEWALK CONSTRUCTION DETAIL.
- UNLESS OTHERWISE NOTED, PORTLAND CEMENT CONCRETE SIDEWALKS SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 608 AND SUBSECTION 700 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED JANUARY 9, 2014 WITH LATEST REVISIONS.
- THE GENERAL CONSTRUCTION DETAILS FOR MANUFACTURING AND TRANSPORTING CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 501, PORTLAND CEMENT CONCRETE- GENERAL.
- WELDED WIRE FABRIC REINFORCEMENT SHALL BE MADE OF W2.9 OR W3 WIRE AT 6 INCH CENTERS TRANSVERSELY CONVENTIONALLY FORMED CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS D IN ACCORDANCE WITH SECTION 501 "PORTLAND CEMENT CONCRETE -- GENERAL." ALL CONCRETE SHALL CONTAIN A WATER-REDUCING ADMIXTURE MEETING THE REQUIREMENTS OF \$711-08 IN SUCH A QUANTITY AS TO PROVIDE A MINIMUM 10% REDUCTION OF THE DESIGN WATER CONTENT BY USING A NORMAL RANGEWATER-REDUCER. WWF SHALL BE MANUFACTURED IN SHEETS AND PLACED WITH IN CONCRETE BY CHAIRING.
- 6. REINFORCING SHALL NOT EXTEND THROUGH EXPANSION JOINTS.
- INSTALL A PREMOULDED RESILIENT JOINT FILLER, \$705-07, AT ALL JOINTS BETWEEN SIDEWALK AND CURB, PAVEMENT, BUILDING, ETC. THE PREMOULDED RESILIENT JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF ASTM D1751.
- THE EXPANSION JOINTS SHALL BE LOCATED AT ALL IMMOVABLE OBJECTS (BRIDGE SUBSTRUCTURES, ETC.), WHERE SHOWN ON THE PLANS, AND/OR AS DIRECTED BY THE ENGINEER. EXPANSION JOINTS SHALL NOT BE REQUIRED AT 20 FOOT
- PREMOULDED RESILIENT JOINT FILLER (\$705-07). USE 3/8 5/8 INCH THICK FILLER IN TRANSVERSE EXPANSION JOINT ASSEMBLIES ONLY. INCLUDE A ONE-PIECEPREMOULDED RESILIENT JOINT FILLER IN THE ASSEMBLY THAT EXTENDS COMPLETELY ACROSS THE SLAB WIDTH. THE JOINT FILLER MUST EITHER EQUAL THE FULL DEPTH OF THE SLAB, OR EXTEND FROM THE BOTTOM OF THE SLAB TO WITHIN 1 1/2 - 2 INCHES OF THE TOP OF THE SLAB WITH A FINISHING CAP THAT EXTENDS TO THE TOP OF THE SLAB.
- 9. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, THE CONCRETE SURFACE SHALL BE SCORED AND TOOLED AT INTERVALS OF 5 FEET. SCORE THE CONCRETE A MINIMUM 1/8 INCH TO A MAXIMUM 1/4 INCH IN WIDTH AND TO A MINIMUM DEPTH OF ONE-THIRD THE TOTAL THICKNESS.
- 10. 3 FOOT WIDE SIDEWALKS SHALL RECEIVE CONTRACTION JOINTS EVERY 4 FEET. 4 AND 5 FOOT WIDE SIDEWALKS SHALL RECEIVE CONTRACTION JOINTS EQUAL TO THE WIDTH OF THE SIDEWALK. SIDEWALKS MAY BE CONVENTIONALLY FORMED OR
- 1. ONLY MAGNESIUM FLOATS AND TROWELS ARE ALLOWED. THE USE OF ALUMINUM OR STEEL FINISHING TROWELS AND TOOLS IS PROHIBITED. THE CONCRETE SHALL BE FINISHED TO PRODUCE A SMOOTH SURFACE AND THEN LIGHTLY BROOMED TO A UNIFORM TEXTURE. THE EDGES AND SCORED JOINTS OF ALL SIDEWALK SLABS SHALL BE TOOLED WITH AN EDGING TOOL HAVING A 1/4 INCH RADIUS.
- 12. ALL WORK SHALL BE IN ACCORDANCE WITH NYSDOT SPECIFICATIONS AND IN REASONABLY CLOSE CONFORMITY WITH THE LINES AND GRADES SHOWN ON THE PLANS OR ESTABLISHED BY THE ENGINEER.
- 3. SIDEWALK SHALL BE PAID UNDER NYSDOT ITEM NO. 608.0101. CRUSHED STONE SHALL BE PAID UNDER NYSDOT ITEM NO.

VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS	CAST-IN-PLACE CONCRETE SIDEWALK	VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) MESTCHESTER COUNTY  DATE: 03/13/2014
PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER	DESIGNED BY: ARC, PE CHECKED BY: ARC, PE DRAWN BY: ARC, PE VOM PCC Sidewalk.dwg	VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792



1. UNLESS OTHERWISE NOTED, BITUMINOUS CONCRETE SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 403 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED MAY 1, 2008 WITH LATEST REVISIONS. NOTE, THIS SECTION IS NO LONGER INCLUDED IN THE NYSDOT STANDARD SPECIFICATIONS.

(IF REQUIRED FOR

APPROVED COMPACTED

SUBGRADE (STRIP LOAM &

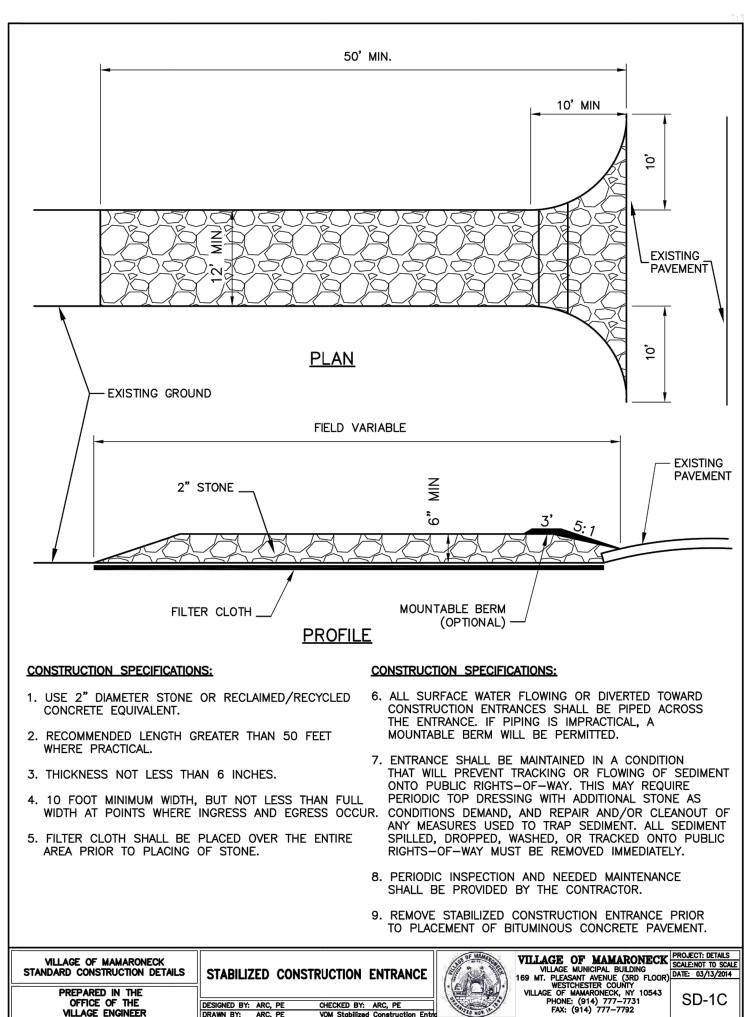
CONDITIONS)

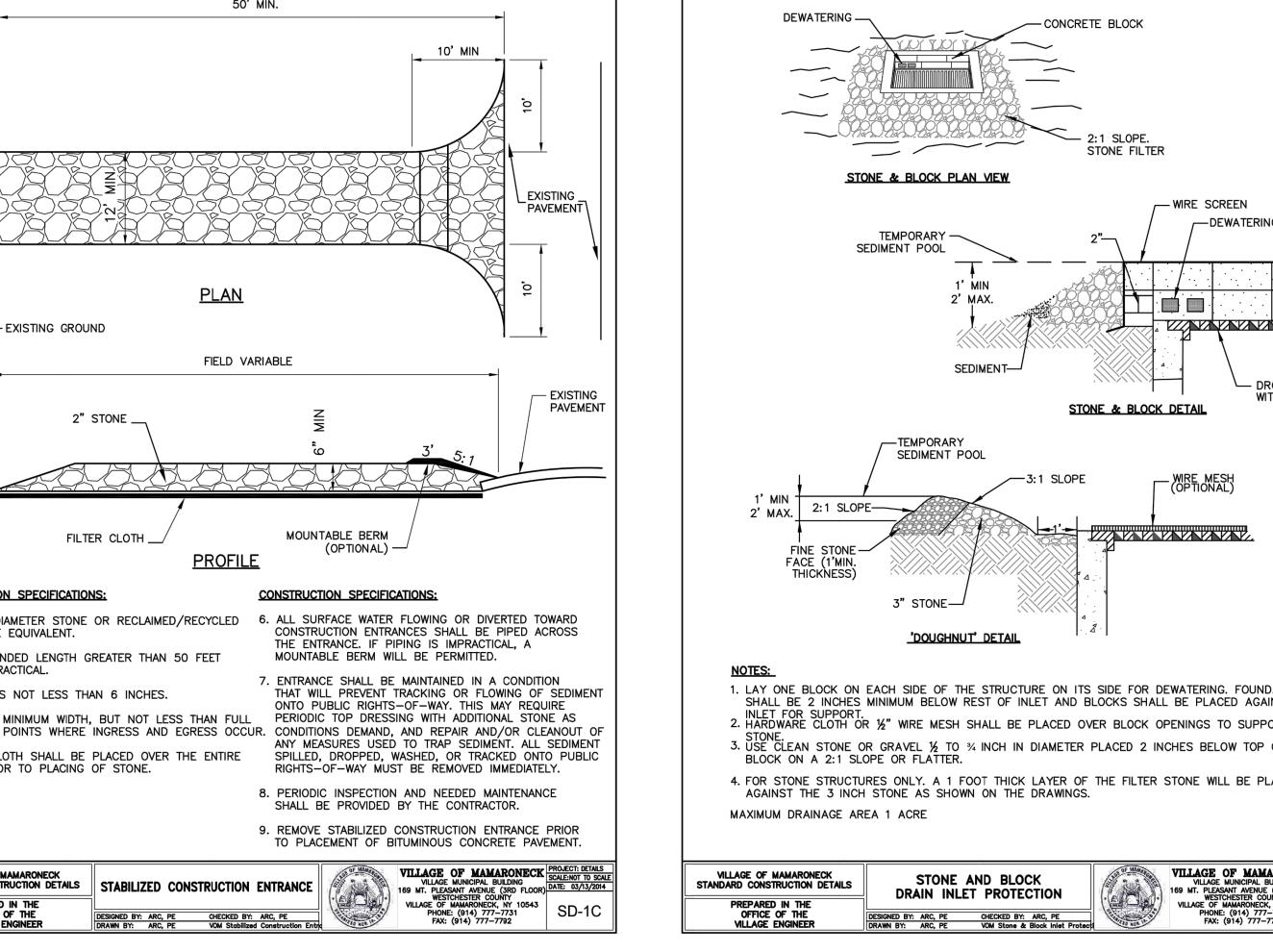
ORGANICS)

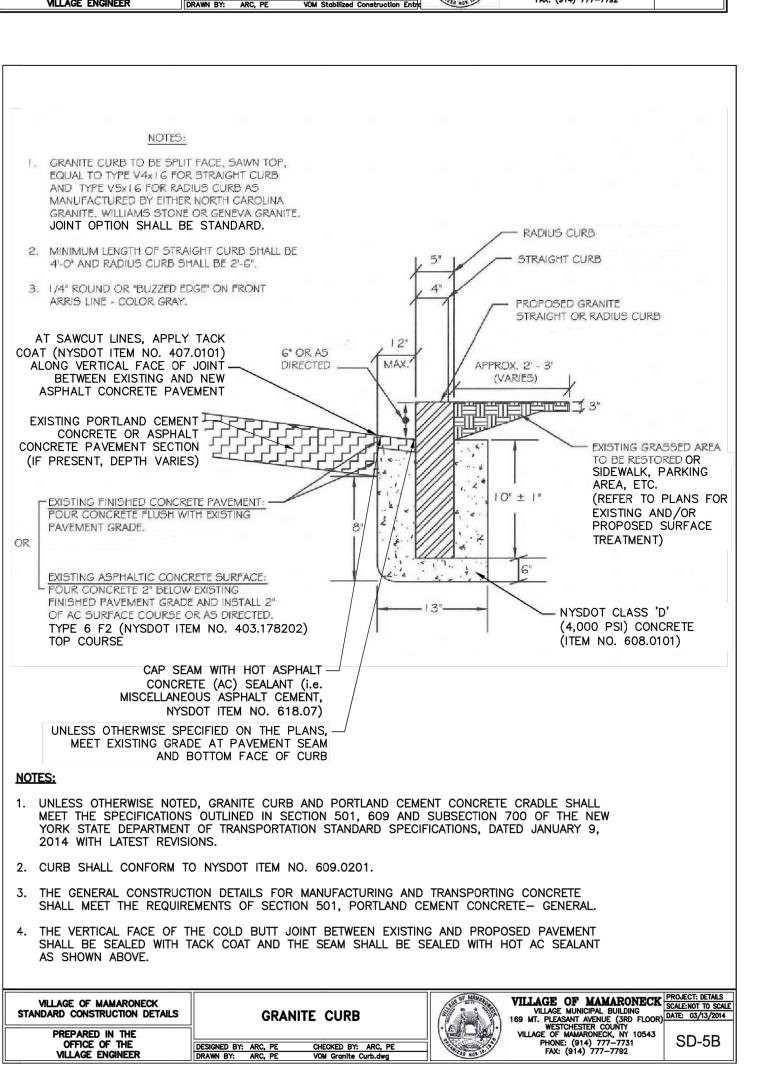
UNSTABLE/UNSUITABLE SOIL

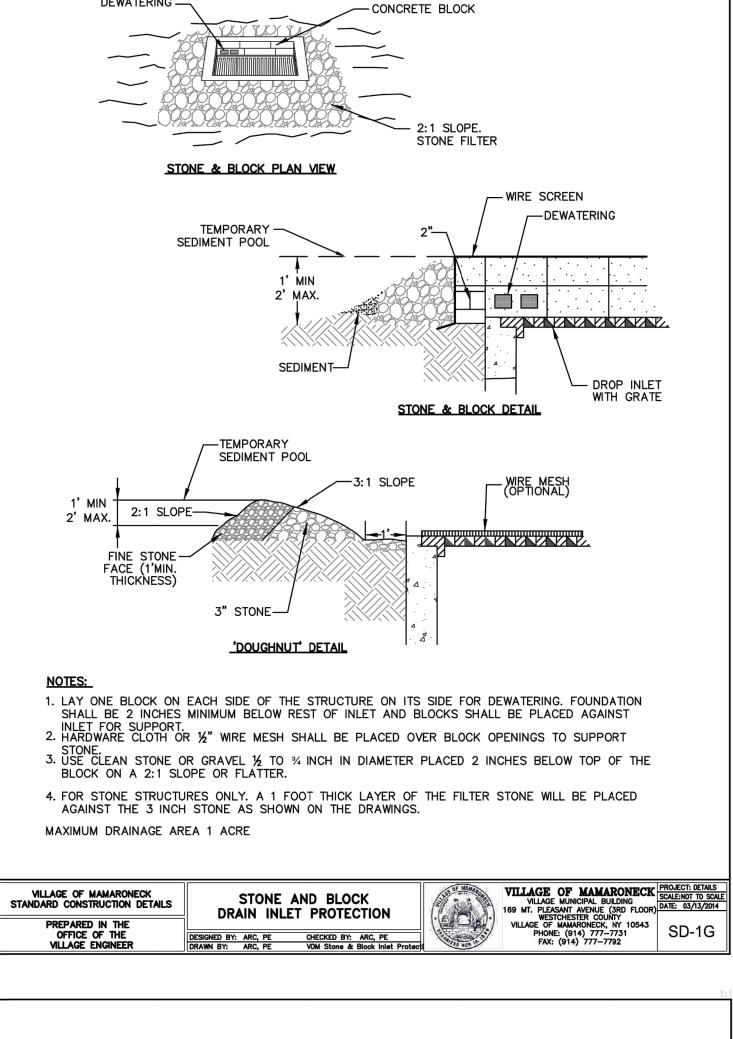
- 2. UNLESS OTHERWISE NOTED, SUBBASE COURSE SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 300 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED MAY 1, 2008 WITH LATEST REVISIONS.
- 3. DETAIL DEPICTS COMPACTED PAVEMENT THICKNESS.
- 4. THIS DETAIL SHALL BE COORDINATED WITH THE VILLAGE STANDARD PIPE TRENCH AND ASPHALT PAVEMENT REPLACEMENT CONSTRUCTION DETAIL AND ALL OTHER PERTINENT VILLAGE STANDARD
- 5. THIS ASPHALT CONCRETE PAVEMENT SECTION APPLIES ONLY TO LOCAL (i.e. VILLAGE) ROADS. PAVEMENT REPLACEMENT, REHABILITATION, CONSTRUCTION, ETC. FOR COUNTY AND STATE ROADWAYS SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE AGENCY HAVING JURISDICTION.
- 6. IF 403 HOT MIX ASPHALT (HMA) ITEM NUMBERS ARE UNAVAILABLE FROM THE ASPHALT PLANT, NYSDOT SUPERPAVE HMA 70 OR 80 SERIES COMPACTION SHALL BE SUBSTITUTED UPON REVIEW AND APPROVAL BY THE VILLAGE ENGINEER.
- 7. HOT MIX ASPHALT (HMA) PAVEMENT SHALL BE 7" MIN. THICK, OR MATCH EXISTING HMA PAVEMENT THICKNESS, WHICHEVER IS GREATER. IF EXISTING HMA PAVEMENT IS GREATER THAN 7", THE HMA DIFFERENCE SHALL CONSIST OF HMA BASE COURSE (OR BINDER COURSE FOR SMALL QUANTITIES)
- 8. THE VILLAGE ENGINEER RESERVES THE RIGHT TO MODIFY (e.g. INCREASE THICKNESS) THE PAVEMENT SECTION DUE TO SITE CONDITIONS (e.g. UNSUITABLE/UNSTABLE SUBGRADE, HIGH GROUNDWATER,

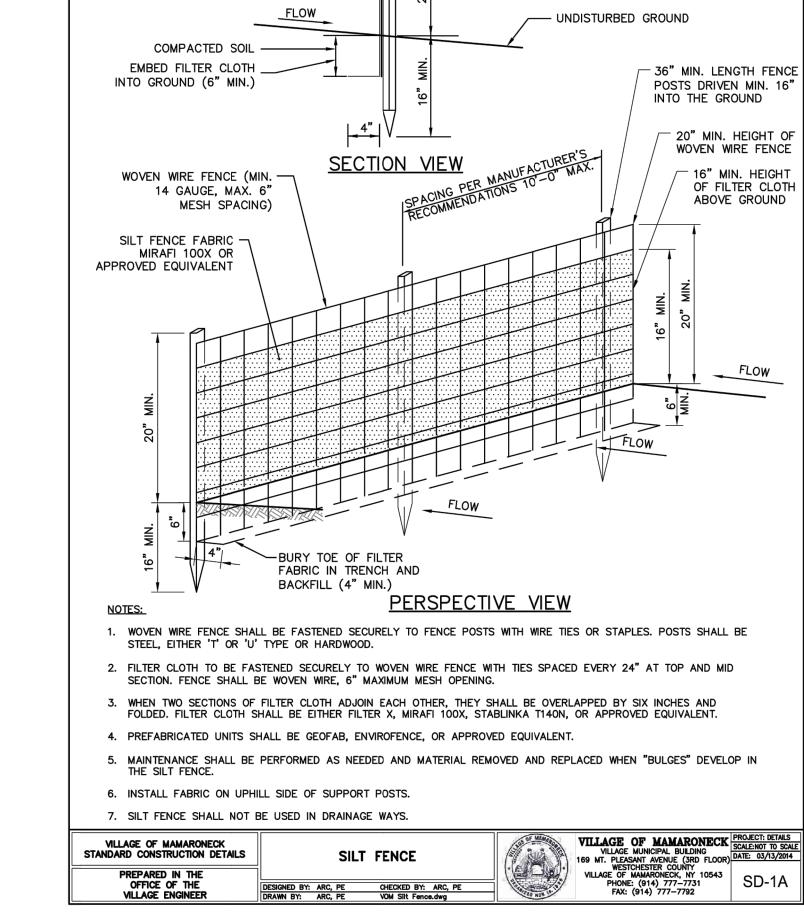
VILLAGE OF MAMARONECK
VILLAGE MUNICIPAL BUILDING
169 MT. PLEASANT AVENUE (3RD FLOOR)
WESTCHESTER COUNTY
VILLAGE OF MAMARONECK, NY 10543
PHONE: (914) 777-7731
FAX: (914) 777-7792 VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS ASPHALT CONCRETE PAVEMENT (WITHIN RIGHT-OF-WAY) PREPARED IN THE









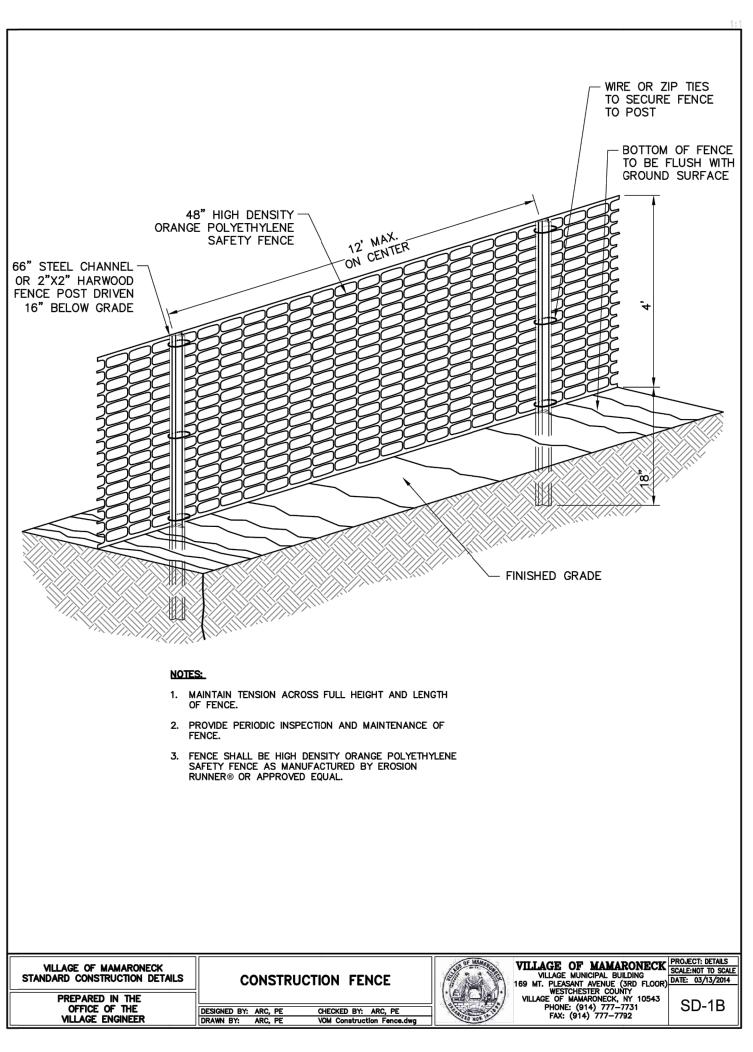


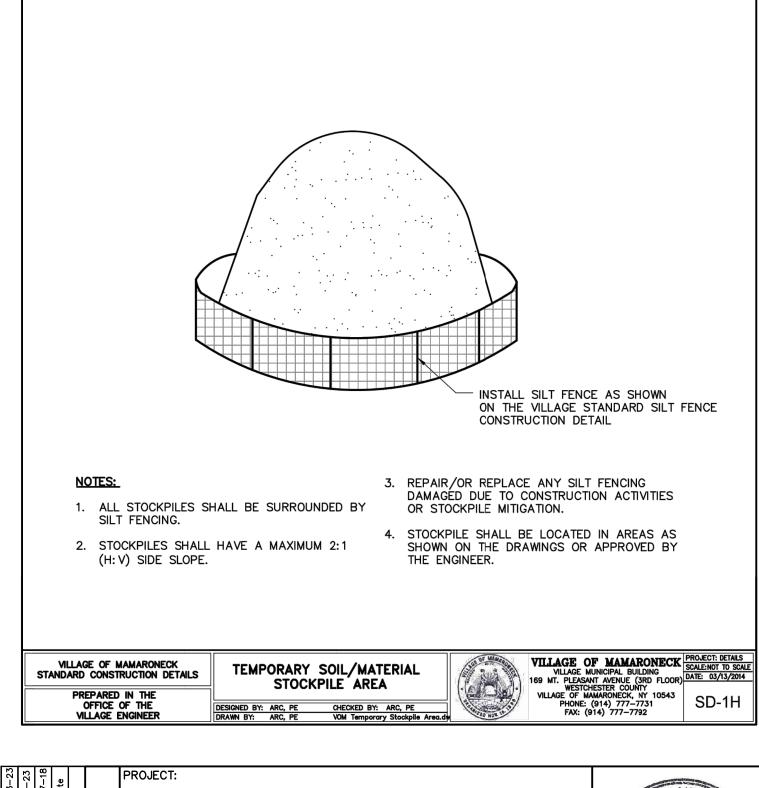
36" MIN. FENCE POST-

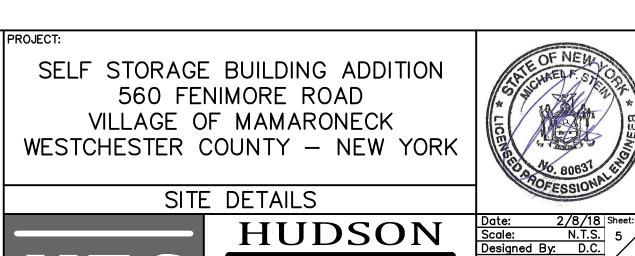
WOVEN WIRE FENCE (MIN. 141/2)

SPACING) WITH FILTER CLOTH

GAUGE W/ MAX. 6" MESH

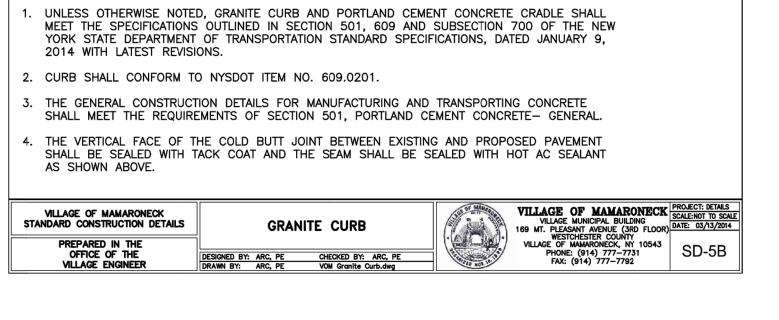




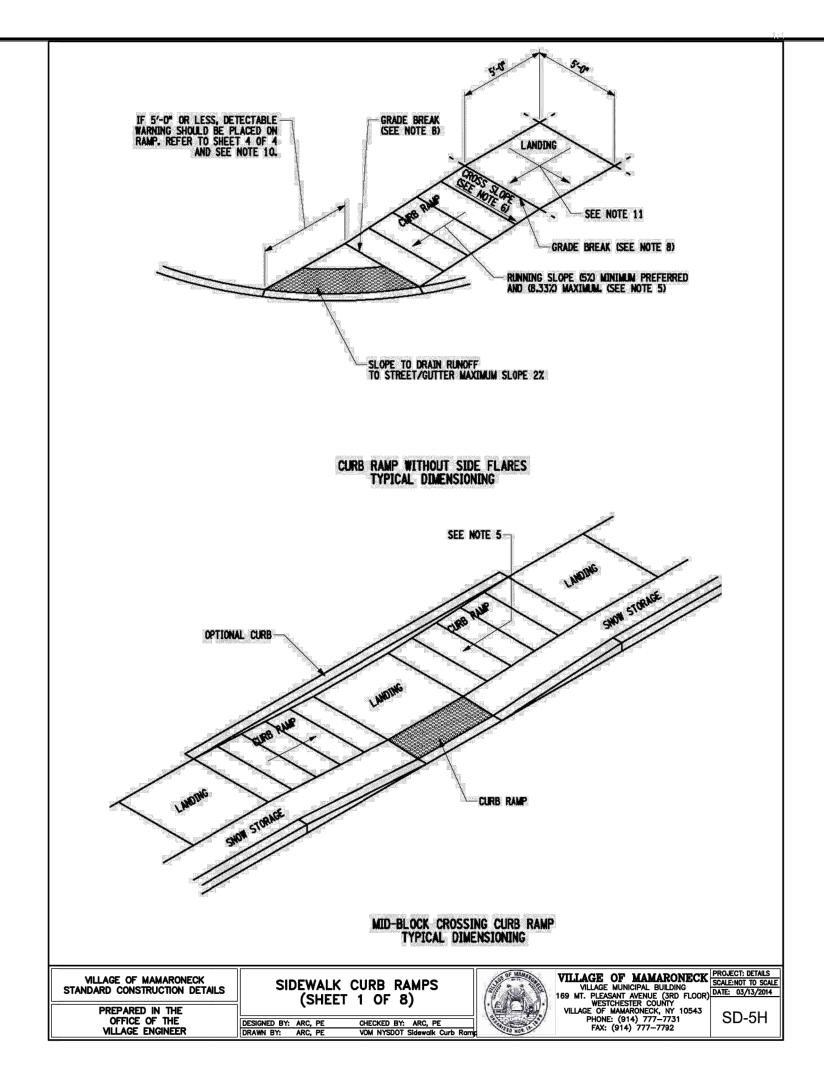


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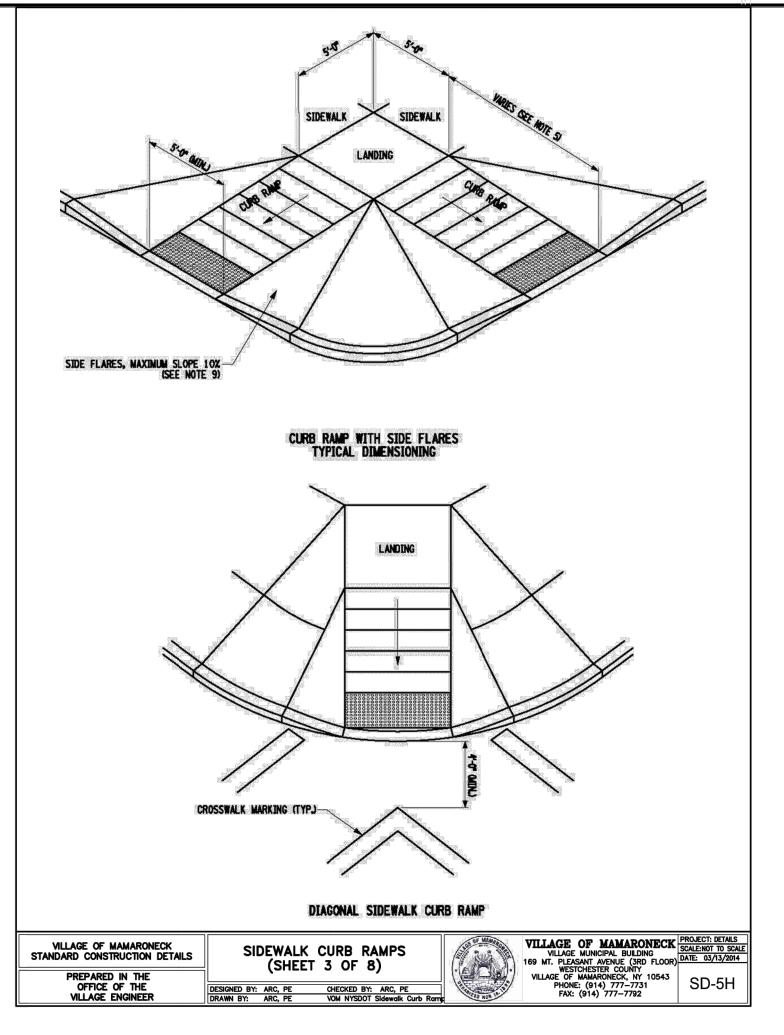
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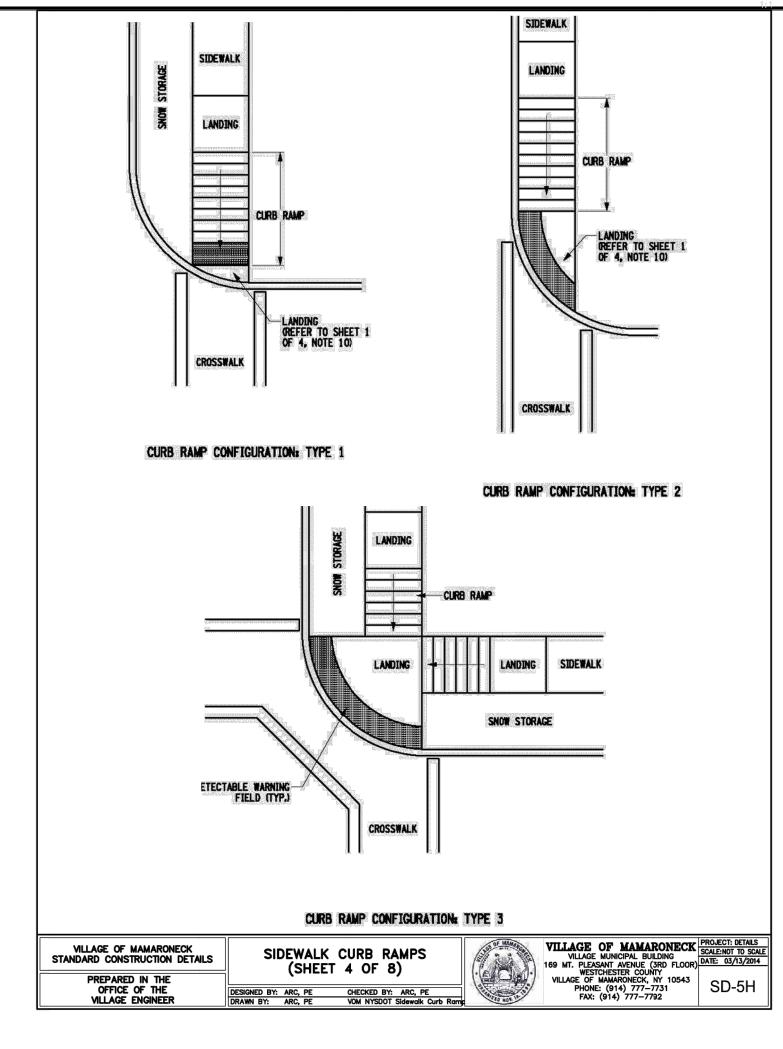


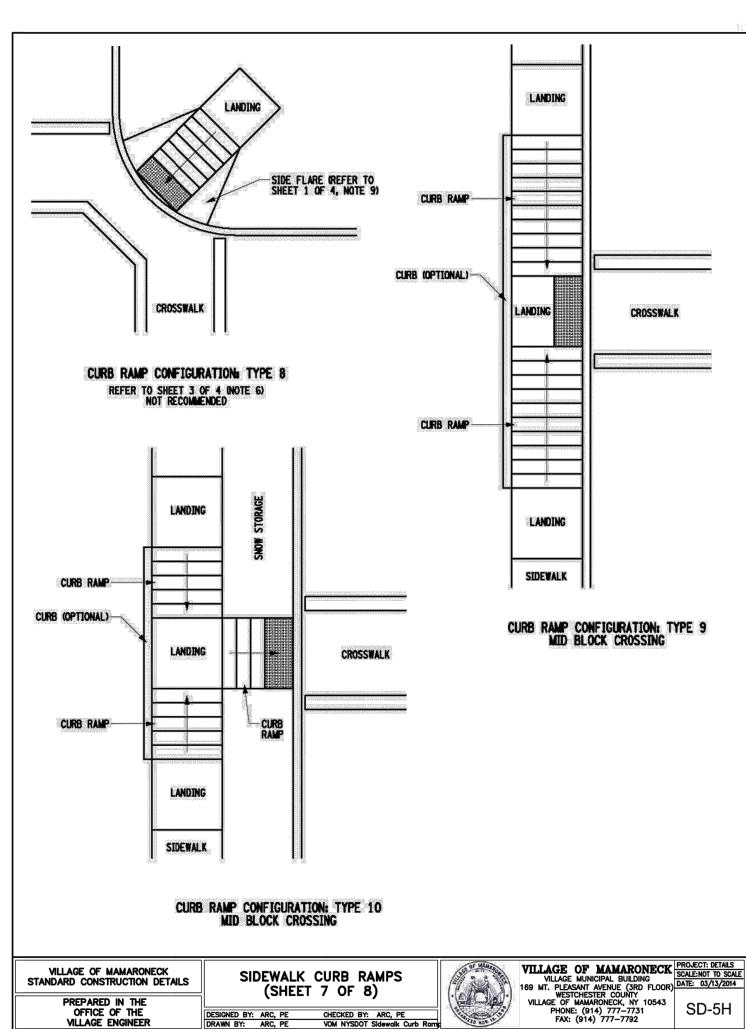


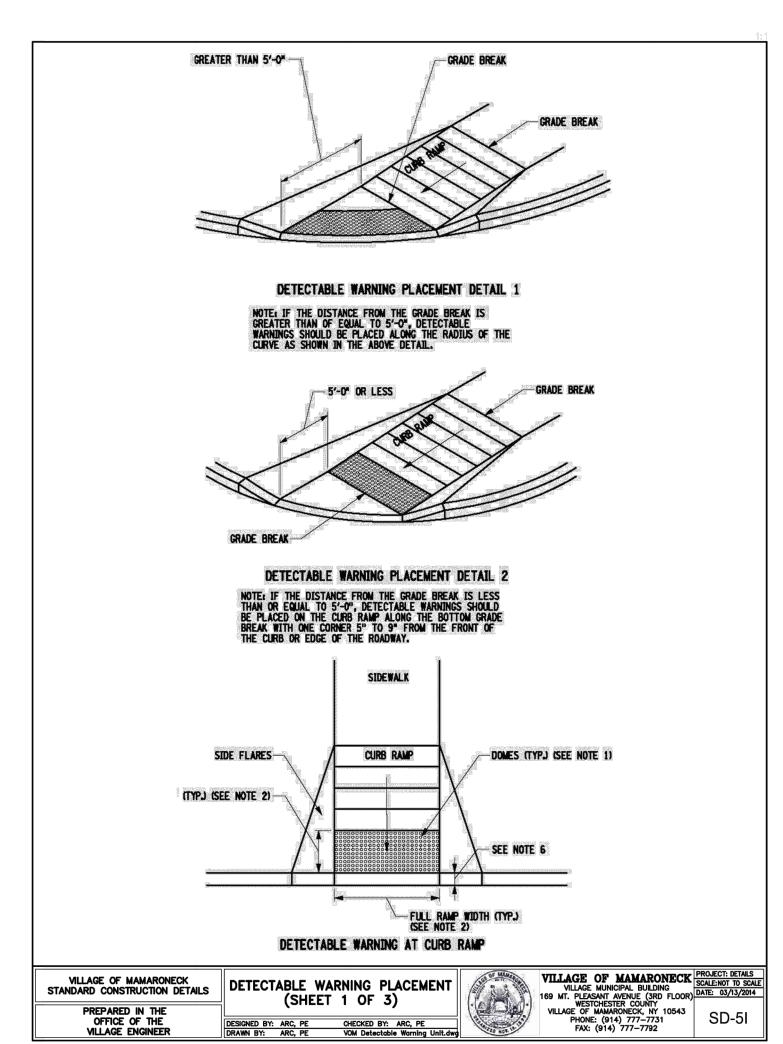


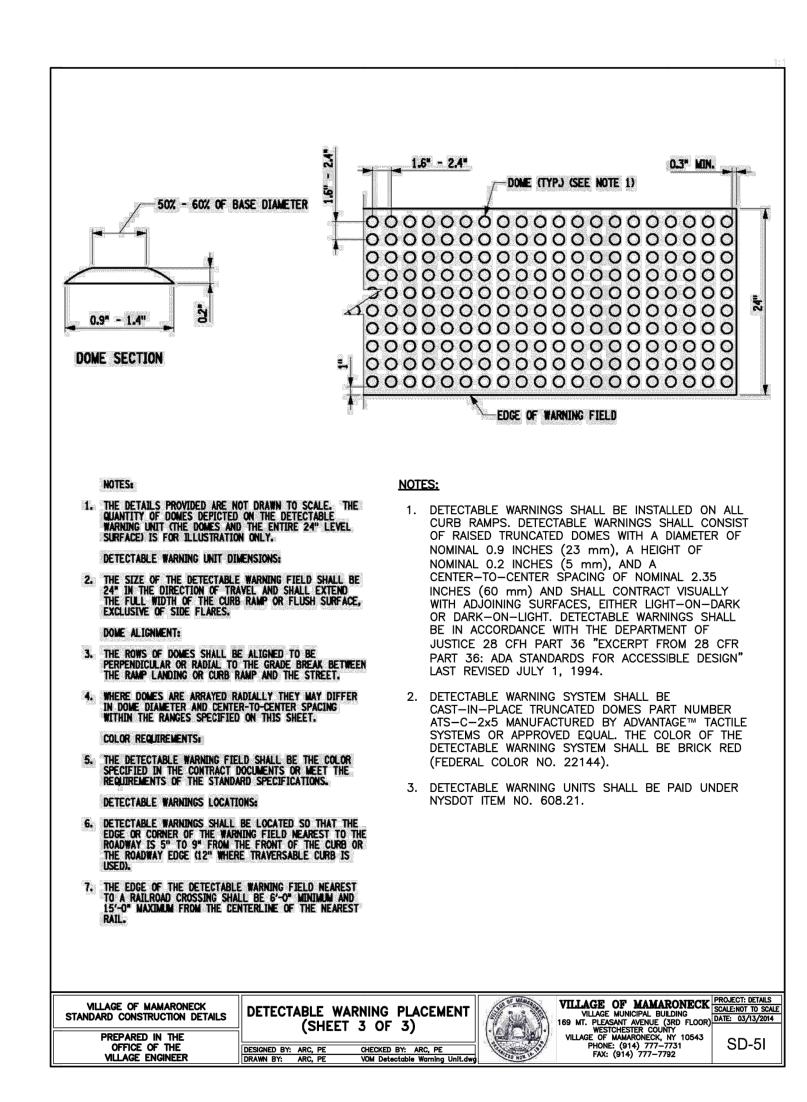




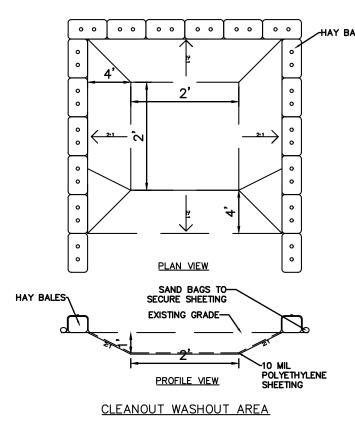












### CONCRETE WASHOUT AREA NOTES:

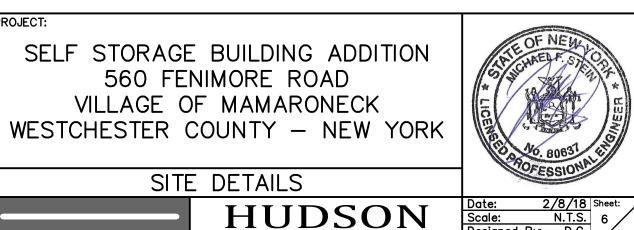
- 1. CONCRETE WASHOUT AREA TO BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE. CONCRETE WASHOUT
- CONCRETE PLACEMENT ON SITE. CONCRETE WASHOUT AREA TO BE ENTIRELY SELF CONTAINED
- AREA TO BE ENTIRELY SELF CONTAINED

  2. HAY BALES SHALL BE PROVIDED AROUND THE
  PERIMETER OF CONCRETE WASHOUT AREA FOR
  CONTAINMENT.
- 3. WASHOUT AREA SHALL BE LINED WITH PLASTIC SHEETING NO THINNER THAN 10 MILS. SHEETING SHALL HAVE NO HOLES OR TEARS AND SHALL BE ANCHORED BY SAND BAGS ON ALL SIDES EXCEPT ACCESS SIDE.
- BY SAND BAGS ON ALL SIDES EXCEPT ACCESS SIDE.
  PLASTIC LINING TO BE REPLACED WITH EACH CLEANING
  4. SIGNS SHALL BE PROVIDED AT THE CONSTRUCTION
- ENTRANCE AND CONCRETE AREAS INDICATING LOCATION OF WASHOUT AREA.

  5. WASHOUT AREA TO BE ENCLOSED IN CONSTRUCTION
- FENCE.

  6. WASHOUT AREAS TO BE INSPECTED DAILY TO ENSURE LINER IS INTACT AND ADEQUATE CAPACITY IS AVAILABLE AT ALL TIMES. WASHOUT AREAS SHALL BE INSPECTED IMMEDIATELY AFTER HEAVIER RAINS. DAMAGED OR LEAKING WASHOUT AREAS TO BE
- DEACTIVATED AND REPAIRED IMMEDIATELY.

  7. CONCRETE WASTE SHALL BE REMOVED AND DISPOSED OF ONCE IT REACHES THREE—QUARTERS OF THE WASHOUT AREA'S HEIGHT. ALL WASTE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH APPLICABLE LAWS, REGULATIONS, AND GUIDELINES OF MUNICIPALITY.



ENGINEERING

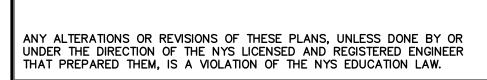
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### <u> CONSTRUCTION PHASE:</u>

DURING THE CONSTRUCTION PHASE OF THE PROJECT, A SEDIMENT AND EROSION CONTROL PLAN SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S BEST MANAGEMENT PRACTICES (BMP). THE PRIMARY GOALS OF THE SEDIMENT AND EROSION CONTROL PLAN ARE TO PREVENT THE TRACKING OF DIRT AND MUD ONTO ADJACENT ROADS, TO PREVENT MUD AND SILT FROM ENTERING INTO EXISTING AND PROPOSED DRAINAGE FACILITIES, AND TO PROTECT THE RECEIVING WATERS FROM CONTAMINATION DURING THE CONSTRUCTION.

DURING CONSTRUCTION, THE PARTY RESPONSIBLE FOR IMPLEMENTING THE TEMPORARY (DURING CONSTRUCTION) STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM WILL BE THE OWNER. THE NAME AND CONTACT INFORMATION WILL BE FILED WITH THE VILLAGE OF CARMEL AND THE NYSDEC AT THE TIME OF THE PRECONSTRUCTION

A NEW YORK STATE PROFESSIONAL ENGINEER OR CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (P.E. OR CPESC) SHALL CONDUCT AN ASSESSMENT OF THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND CERTIFY IN AN INSPECTION REPORT THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLAN HAVE BEEN ADEQUATELY INSTALLED AND/OR IMPLEMENTED TO ENSURE OVERALL PREPAREDNESS OF THE SITE FOR CONSTRUCTION. FOLLOWING THE COMMENCEMENT OF CONSTRUCTION, SITE INSPECTIONS SHALL BE CONDUCTED BY THE P.E. OR CPESC AT LEAST EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5

DURING EACH INSPECTION, THE REPRESENTATIVE SHALL RECORD THE FOLLOWING:

- 1. ON A SITE MAP, INDICATE THE EXTENT OF ALL DISTURBED SITE AREAS AND DRAINAGE PATHWAYS. INDICATE SITE AREAS THAT ARE EXPECTED TO UNDERGO INITIAL DISTURBANCE OR SIGNIFICANT SITE WORK WITHIN THE NEXT 14-DAY PERIOD:
- 2. INDICATE ON A SITE MAP ALL AREAS OF THE SITE THAT HAVE UNDERGONE TEMPORARY OR PERMANENT STABILIZATION:
- 3. INDICATE ALL DISTURBED SITE AREAS THAT HAVE NOT UNDERGONE ACTIVE SITE WORK DURING THE PREVIOUS
- 4. INSPECT ALL SEDIMENT CONTROL PRACTICES AND RECORD APPROXIMATE DEGREE OF SEDIMENT ACCUMULATION AS A PERCENTAGE OF THE SEDIMENT STORAGE VOLUME;
- 5. INSPECT ALL EROSION AND SEDIMENT CONTROL PRACTICES AND RECORD ALL MAINTENANCE REQUIREMENTS. IDENTIFY ANY EVIDENCE OF RILL OR GULLY EROSION OCCURRING ON SLOPES AND ANY LOSS OF STABILIZING VEGETATION OR SEEDING/MULCHING. DOCUMENT ANY EXCESSIVE DEPOSITION OF SEDIMENT OR PONDING WATER ALONG THE BARRIER. RECORD THE DEPTH OF SEDIMENT WITHIN CONTAINMENT STRUCTURES AND ANY EROSION NEAR OUTLET AND OVERFLOW STRUCTURES.

THE P.E. OR CPESC SHALL MAINTAIN A RECORD OF ALL INSPECTION REPORTS IN A SITE LOGBOOK. THE SITE LOGBOOK SHALL BE MAINTAINED ON-SITE AND BE MADE AVAILABLE TO THE VILLAGE OF BRIARCLIFF MANOR AND THE NYSDEC. A SUMMARY OF THE SITE INSPECTION ACTIVITIES SHALL BE POSTED ON A MONTHLY BASIS IN A PUBLICLY ACCESSIBLE LOCATION AT THE SITE.

THE PROJECTS ANTICIPATED START DATE IS SEPTEMBER 2017 AND THE ANTICIPATED COMPLETION DATE IS ESTIMATED TO OCCUR IN SEPTEMBER APRIL 2018.

### CONSTRUCTION SEQUENCING:

- THE FOLLOWING EROSION CONTROL SCHEDULE SHALL BE UTILIZED:
- 1. INSTALL CONSTRUCTION ENTRANCE TO THE DEVELOPMENT AREA.
- 2. ESTABLISH CONSTRUCTION STAGING AREA.
- 3. INSTALL TREE PROTECTION ON TREES AS NOTED ON PLANS. 4. SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION.
- 5. INSTALL SILT FENCE DOWN SLOPE OF ALL AREAS TO BE DISTURBED AS SHOWN ON THE PLAN.
- 6. REMOVE TREES WHERE NECESSARY (CLEAR & GRUB) FOR THE PROPOSED CONSTRUCTION.
- 7. STRIP TOPSOIL AND STOCKPILE AT THE LOCATIONS SPECIFIED ON THE PLANS (UP GRADIENT OF EROSION CONTROL MEASURES). TEMPORARILY STABILIZE TOPSOIL STOCKPILES (HYDROSEED DURING MAY 1ST THROUGH OCTOBER 31ST PLANTING SEASON OR BY COVERING WITH A TARPAULIN(S) NOVEMBER 1ST THROUGH APRIL 30TH. INSTALL SILT FENCE AROUND TOE OF SLOPE.
- 8. DEMOLISH ANY EXISTING SITE FEATURES AND/OR STRUCTURES NOTED AS BEING REMOVED ON THE CONSTRUCTION DOCUMENTS, AND DISPOSE OF OFF-SITE.
- ROUGH GRADE SITE.
- 10. INSTALL ADDITIONAL SILT FENCING AS NECESSARY.

17. INSTALL BITUMINOUS CONCRETE TOP COURSE.

- 11. ROUGH GRADE PARKING LOT AND INSTALL TRENCH DRAINS AND DRAIN INLETS, AS WELL AS ALL ASSOCIATED
- 12. OBTAIN STREET OPENING PERMIT FOR DRAINAGE CONNECTION TO EXISTING CATCH BASIN IN FENIMORE ROAD, AS WELL AS PROPOSED CURB CUT WIDENINGS.
- 13. INSTALL DRAINAGE WORK TRIBUTARY TO EXISTING MUNICIPAL CATCH BASIN IN FENIMORE ROAD UP TO LOCATION OF PROPOSED STORMWATER PLANTER18. EXCAVATE AND CONSTRUCT FOUNDATIONS FOR NEW BUILDING.

15. CONSTRUCT BUILDING. INSTALL AND CONNECT ALL ROOF DRAIN LEADERS TO PREVIOUSLY INSTALLED

- 14. CONSTRUCT STORMWATER PLANTER ADJACENT TO BUILDING ADDITION.
- STORMWATER PLANTER.
- 16. INSTALL CURBING, AND SUB-BASE COURSES. FINE GRADE AND SEED ALL DISTURBED AREAS. SPREAD SALT HAY OVER SEEDED AREAS.
- 18. CLEAN PAVEMENT, DRAIN LINES, CATCH BASINS AND PRETREATMENT DEVICES. EXFILTRATION/ATTENUATION GALLERIES.
- 19. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES AFTER THE SITE IS STABILIZED WITH

\*SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR EVERY TWO WEEKS AND PRIOR TO AND AFTER EVERY ½" OR GREATER RAINFALL EVENT.

# <u>CONSTRUCTION PRACTICES TO MINIMIZE STORMWATER CONTAMINATION:</u>

- ADEQUATE MEASURES SHALL BE TAKEN TO MINIMIZE CONTAMINANT PARTICLES ARISING FROM THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, GRADING OPERATIONS, AND THE RECLAMATION AND PLACEMENT OF PAVEMENT, DURING PROJECT CONSTRUCTION, INCLUDING BUT NOT LIMITED TO:
- . BUILDING MATERIALS, GARBAGE, AND DEBRIS SHALL BE CLEANED UP DAILY AND DEPOSITED INTO DUMPSTERS, WHICH WILL BE PERIODICALLY REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED OF. ALL DUMPSTERS AND CONTAINERS LEFT ON—SITE SHALL BE COVERED AND SURROUNDED WITH SILT FENCE IN ORDER TO PREVENT CONTAMINANTS FROM LEAVING THE SITE. SILT FENCING SHALL BE INSPECTED ON A WEEKLY BASIS.
- DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN. • THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DAILY TO REMOVE EXCESS MUD, DIRT, OR ROCK TRACKED FROM THE SITE.
- PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS THAT ARE CLEARLY LABELED.
- ALL VEHICLES ON SITE WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE.
- ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. SPILLS LARGE ENOUGH TO REACH THE STORM SYSTEM WILL BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802. • MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE TEMPORARY MATERIAL STORAGE
- TRAILER ONSITE. EQUIPMENT WILL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAW DUST, AND PLASTIC AND METAL TRASH CONTAINERS. • ALL PAINT CONTAINERS AND CURING COMPOUNDS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR
- USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SYSTEM, BUT WILL BE PROPERLY DISPOSED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. • SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS A MINIMUM OF TWO TIMES A WEEK TO AVOID OVERFILLING. ALL SANITARY WASTE UNITS SHALL BE SURROUNDED BY SILT FENCE TO PREVENT CONTAMINANTS
- FROM LEAVING THE SITE. SILT FENCING SHALL BE INSPECTED ON A WEEKLY BASIS. • ANY ASPHALT SUBSTANCES USED ON-SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATION
- FERTILIZERS WILL BE STORED IN A COVERED SHED AND PARTIALLY USED BAGS WILL BE TRANSFERRED TO A SEALABLE BIN TO AVOID SPILLS AND WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER AND WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER.
- NO DISTURBED AREA SHALL BE LEFT UN-STABILIZED FOR LONGER THAN 14 DAYS DURING THE GROWING SEASON. • WHEN EROSION IS LIKELY TO BE A PROBLEM, GRUBBING OPERATIONS SHALL BE SCHEDULED AND PERFORMED SUCH THAT GRADING OPERATIONS AND PERMANENT EROSION CONTROL FEATURES CAN FOLLOW WITHIN 24 HOURS
- AS WORK PROGRESSES, PATCH SEEDING SHALL BE DONE AS REQUIRED ON AREAS PREVIOUSLY TREATED TO MAINTAIN OR ESTABLISH PROTECTIVE COVER.
- DRAINAGE PIPES AND SWALES/DITCHES SHALL GENERALLY BE CONSTRUCTED IN A SEQUENCE FROM OUTLET TO INLET IN ORDER TO STABILIZE OUTLET AREAS AND DITCHES BEFORE WATER IS DIRECTED TO THE NEW INSTALLATION OR ANY PORTION THEREOF, UNLESS CONDITIONS UNIQUE TO THE LOCATION WARRANT AN ALTERNATIVE METHOD. SPILL CONTROL & SPILL RESPONSE:
- FOR ALL HAZARDOUS MATERIALS STORED ON SITE, THE MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAN UP WILL BE CLEARLY POSTED. SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES, AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES.
- APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT WILL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AREA ON-SITE. AS APPROPRIATE, EQUIPMENT AND MATERIALS MAY INCLUDE ITEMS SUCH AS BOOMS. DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH
- CONTAINERS SPECIFICALLY FOR CLEAN UP PURPOSES. • ALL SPILLS WILL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY.
- THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. · AFTER A SPILL, A REPORT WILL BE PREPARED DESCRIBING THE SPILL, WHAT CAUSED IT, AND THE CLEANUP
- MEASURES TAKEN. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING, AS WELL AS CLEAN UP INSTRUCTIONS IN THE EVENT OF REOCCURRENCES.
- THE CONTRACTOR'S SITE SUPERINTENDENT, RESPONSIBLE FOR DAY—TO—DAY OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SITE SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND
- THE CONTRACTOR'S SITE SUPERINTENDENT WILL BE NOTIFIED IMMEDIATELY WHEN A SPILL OR THE THREAT OF A SPILL IS OBSERVED. THE SUPERINTENDENT WILL ASSESS THE SITUATION AND DETERMINE THE APPROPRIATE
- IF SPILLS REPRESENT AN IMMINENT THREAT OF ESCAPING EROSION AND SEDIMENT CONTROLS AND ENTERING RECEIVING WATERS, PERSONNEL WILL BE DIRECTED TO RESPOND IMMEDIATELY TO CONTAIN THE RELEASE AND NOTIFY
- NY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR JNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.

THE SUPERINTENDENT AFTER THE SITUATION HAS BEEN STABILIZED.

- SPILL KITS CONTAINING APPROPRIATE MATERIALS AND EQUIPMENT FOR SPILL RESPONSE AND CLEANUP WILL BE MAINTAINED BY THE CONTRACTOR AT THE SITE. • IF OIL SHEEN IS OBSERVED ON SURFACE WATER, ACTION WILL BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING THE SHEEN. THE CONTRACTOR WILL USE APPROPRIATE MATERIALS TO CONTAIN AND ABSORB THE SPILL. THE SOURCE OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR REPAIRED AS NECESSARY TO PREVENT
- IF A SPILL OCCURS THE SUPERINTENDENT OR THE SUPERINTENDENT'S DESIGNEE WILL BE RESPONSIBLE FOR COMPLETING THE SPILL REPORTING FORM AND FOR REPORTING THE SPILL TO THE CONTACTS LISTED BELOW. • PERSONNEL WITH PRIMARY RESPONSIBILITY FOR SPILL RESPONSE AND CLEAN UP WILL RECEIVE TRAINING BY THE CONTRACTOR'S SITE SUPERINTENDENT OR DESIGNEE. THE TRAINING MUST INCLUDE IDENTIFYING THE LOCATION OF THE SPILL KITS AND OTHER SPILL RESPONSE EQUIPMENT AND THE USE OF SPILL RESPONSE MATERIALS.
- SPILL RESPONSE EQUIPMENT WILL BE INSPECTED AND MAINTAINED AS NECESSARY TO REPLACE ANY MATERIALS USED IN SPILL RESPONSE ACTIVITIES. SPILL CONTROL NOTIFICATION:
- A REPORTABLE SPILL IS A QUANTITY OF FIVE (5) GALLONS OR MORE OR ANY SPILL OF OIL WHICH: (1) VIOLATES WATER QUALITY STANDARDS, (2) PRODUCES A "SHEEN" ON A SURFACE WATER, OR (3) CAUSES A SLUDGE OR
- EMULSION. THIS SPILL MUST BE REPORTED IMMEDIATELY TO THE AGENCIES LISTED BELOW. · ANY SPILL OF OIL OR HAZARDOUS SUBSTANCE TO WATERS OF THE STATE MUST BE REPORTED IMMEDIATELY BY TELEPHONE TO THE FOLLOWING AGENCIES:
- 911 POLICE, FIRE AND EMS VILLAGE OF MAMARONECK ENGINEERING DEPARTMENT 169 MOUNT PLEASANT AVENUE
- MAMARONECK, NY 10543 PHONE: (914) 777-7731 VILLAGE OF MAMARONECK FIRE DEPARTMENT 123 MAMARONECK AVENUE
- PHONE: (914) 825-8777 - NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION SPILL REPORTING HOTLINE

MAMARONECK, NY 10543

- (1800) 457-7362 - NATIONAL RESPONSE CENTER: (1800) 424-8802
- LOCAL EMERGENCY PLANNING COMMITTEE (LEPC) WESTCHESTER COUNTY OFFICE OF EMERGENCY MANAGEMENT 200 BRADHURST AVENUE HAWTHORNE, NY 10532

(914) 524-7510

- (914) 864-5450 - WESTCHESTER COUNTY DEPARTMENT OF HEALTH (WCDOH) SPILL REPORTING HOTLINE (914) 813-5000 - U.S. ENVIRONMENTAL PROTECTION AGENCY (USEPA)
- EPCRA INFORMATION HOTLINE (1800) 535-0202 - U.S. DEPARTMENT OF LABOR AND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) TARRYTOWN, NY

### <u>STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM</u>

MEASURE	DATES FOR INSPECTION	TIMING, ACTIVITY, AND LOCATION
GENERAL MAINTENANCE (STORM SEWER, CATCH BASINS/ DRAIN INLETS, MANHOLES, PRE-TREATMENT DEVICE)	ALL	ALL STORMWATER FACILITIES SHALL BE INSPECTED IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION, AND THEN MONTHLY FOR THE FIRST THREE (3) MONTHS FOLLOWING THE COMPLETION OF THE PROJECT. WITHIN THE FIRST THREE (3) MONTHS, INSPECTIONS SHALL IMMEDIATELY BE PERFORMED FOLLOWING A LARGE STORM EVENT (I.E. PRODUCING 1/2" (ONE—HALF INCH) OF RAIN OR GREATER. THEREAFTER, THESE FACILITIES SHALL BE INSPECTED AS DESCRIBED AS FOLLOWS. UPON INSPECTION, FACILITIES SHALL BE IMMEDIATELY MAINTAINED AND/OR CLEANED AS MAY BE REQUIRED. ANY SITE AREAS EXHIBITING SOIL EROSION OF ANY KIND SHALL BE IMMEDIATELY RESTORED AND STABILIZED WITH VEGETATION, MULCH OR STONE, DEPENDING ON THE AREA TO BE STABILIZED. UPON EACH INSPECTION, ALL VISIBLE DEBRIS INCLUDING, BUT NOT LIMITED TO, TWIGS, LEAF AND FOREST LITTER SHALL BE REMOVED FROM THE BASIN, OVERFLOW DISCHARGE POINTS AND FRAMES AND GRATES OF DRAINAGE STRUCTURES.
INLETS AND CO DRAIN MANHOLES	UPON COMPLETION OF CONSTRUCTION:  -ONCE A MONTH FOR THE FIRST THREE (3) MONTHS	ALL CATCH BASIN/DRAIN INLETS AND DRAIN MANHOLES WITH SUMPS HAVE BEEN DESIGNED TO TRAP SEDIMENT PRIOR TO ITS TRANSPORT DOWNSTREAM. THESE SUMPS WILL REQUIRE PERIODIC INSPECTION AND MAINTENANCE TO ENSURE THAT ADEQUATE DEPTH IS MAINTAINED WITHIN THE SUMPS. THE OWNER, OR THEIR DULY AUTHORIZED REPRESENTATIVE, SHALL TAKE MEASUREMENTS OF THE SUMP DEPTH.  IF SEDIMENT HAS ACCUMULATED TO 1/2 (ONE—HALF) THE DEPTH OF THE SUMP, ALL SEDIMENT SHALL BE REMOVED FROM THE SUMP. SEDIMENTS
	AFTER FIRST THREE (3) MONTHS: -EVERY FOUR	CAN BE REMOVED WITH HAND—LABOR OR WITH A VACUUM TRUCK.  THE USE OF ROAD SALT SHALL BE MINIMIZED FOR MAINTENANCE OF ROADWAY AND DRIVEWAY AREAS.
	(4) MONTHS THEREAFTER	
SEPARATOR  CONSTRUCTION:  -QUARTERLY FO FIRST YEAR  AFTER FIRST YEAR:  -EVERY SIX (6) MONTHS	COMPLETION OF CONSTRUCTION:  -QUARTERLY FOR	THE HYDRODYNAMIC SEPARATOR DEVICE LOCATED IMMEDIATELY UPSTREAM OF THE OUTFALL SHALL BE MAINTAINED DURING DRY WEATHER CONDITIONS. ANY ACCUMULATED SEDIMENTS SHALL BE VACUUMED OUT WHEN SEDIMENT HAS REACHED 1/2 (ONE—HALF) THE CAPACITY OF THE ISOLATED SUMP, OR WHEN AN APPRECIABLE LEVEL OF HYDROCARBONS AND TRASH HAS ACCUMULATED, WHICHEVER OCCURS FIRST.
	YEAR: -EVERY SIX (6)	WHEN THE SEDIMENT PILE IS WITHIN 30 TO 36 INCHES OF THE WATER SURFACE, THE SYSTEM SHOULD BE MAINTAINED. A VACUUM TRUCK SHALL BE USED TO REMOVE THE ACCUMULATED SEDIMENT AND DEBRIS. REFER TO MANUFACTURER'S LITERATURE FOR DETAILED MAINTENANCE INSTRUCTIONS.
	(SPRING & FALL)	
PLANTER  COMP CONS  -TWIC FIRS MONTH EAC EVEN	UPON COMPLETION OF CONSTRUCTION:  -TWICE IN THE FIRST SIX(6) MONTHS & AFTER EACH STORM EVENT GREATER THAN 0.5-INCHES	ROUTINE MAINTENANCE ACTIVITIES INCLUDE PRUNING AND REPLACING DEAD OR DYING VEGETATION, PLANT THINNING, AND EROSION REPAIR. SINCE STORMWATER PLANTERS ARE NOT TYPICALLY PRECEDED BY PRE—TREATMENT PRACTICES, THE SOIL SURFACE SHOULD BE INSPECTED FOR EVIDENCE OF SEDIMENT BUILD—UP FROM THE CONNECTED IMPERVIOUS SURFACE AND FOR SURFACE PONDING. ATTENTION SHOULD BE PAID TO ADDITIONAL SEASONAL MAINTENANCE NEEDS AS WELL AS THE FIRST GROWING SEASON.
	<u>AFTER FIRST</u> <u>YEAR</u> :	
(4) THERI AFTE EVENTS	-EVERY FOUR (4) MONTHS THEREAFTER & AFTER STORM EVENTS GREATER THAN THE	

CONSTRUCTION) STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM WILL BE THE CONTRACTOR. THE NAME AND CONTACT INFORMATION WILL BE FILED WITH THE TOWN OF YORKTOWN AND THE NYSDEC AT THE TIME OF THE PRE-CONSTRUCTION MEETING. THE PERMANENT MAINTENANCE PROGRAM FOR ALL NEW STORMWATER MANAGEMENT FACILITIES WILL BE MANAGED BY THE INDIVIDUAL HOMEOWNERS UPON COMPLETION OF CONSTRUCTION AND ACCEPTANCE OF THE IMPROVEMENTS.

18" HIGH FLOW MEDIA

3/4" CLEAN WASHED

CRUSHED STONE

**BEDDING** 

CONTAINMENT GEOTEXTILE

⊋6" bridging stone≾

EXISTING SOIL

FOCALPOINT FILTER

THICK, OR MATCH EXISTING HMA PAVEMENT THICKNESS, WHICHEVER IS GREATER. IF EXISTING HMA PAVEMENT IS GREATER THAN 7", THE HMA DIFFERENCE BITUMINOUS CONCRETE PAVEMENT CONCRETE DRIVEWAY APRON (FOR PCC PAVEMENT SECTION SEE BELOW. FOR NYSDOT HMA TYPE AND ITEM ASPHALT PAVEMENT APRON REFER TO SHALL CONSIST OF HMA BASE COURSE OR CONCRETE DRIVEWAYS THE PERTINENT VILLAGE STANDARD (OR BINDER COURSE, AS APPROVED BY THE VILLAGI TRENCH UNDER CAP SEAM WITH HOT ASPHALT CONSTRUCTION DETAIL.) ENGINEER, FOR SMALL QUANTITIES CONCRETE (AC) SEALANT ( ASPHALT CONCRETE TRENCH UNDER US RECURRED MISCELLANEOUS ASPHALT CEMENT, PAVEMENT (HMA) NON-PAVED NYSDOT ITEM NO. 618.07) EDGE OF DRIVENAY ROADWAY OR SURFACE SHOULDER - AT SAWCUT LINES, APPLY TACK FINISHED GRADE - COAT (NYSDOT ITEM NO. 1.5" HMA TOP COURSE 1 407.0101) ALONG VERTICAL FACE SURFACE RESTORATION OF JOINT BETWEEN EXISTING AND 2.5" HMA BINDER COURSE (REFER TO DRAWINGS) NEW ASPHALT CONCRETE AS PER 3.0" HMA BASE COURSE APPROVED COMPACTED LAYOUT POINT SUITABLE MATERIAL FROM - PAVEMENT KEY IS REQUIRED FOR EXCAVATION PAVEMENT REPLACEMENT FOR PROPOSED PIPE TRENCHES IN EXISTING BITUMINOUS CONCRETE PAYMENT LINES FOR TRENCH AND CULVERT OR PORTLAND CEMENT CONCRETE EXCAVATION-O.G,(NYSDOT **PAVEMENT** OR TRENCH AND CULVERT 3'-0" MINIMUM SEE ABLE EXCAVATION (NYSDOT ITEM APPROVED TRENCH BACKFILL SHALL INCLUDE NYSDOT ITEM NO. 204.01 OR EXCAVATION AND SIDEWALK AND CURE "CONTROLLED LOW STRENGTH MATERIAL (CLSM)" OR 204.02 "CLSM (NO FLY ASH)". IF GROUNDWATER IS (REFER TO PLANS FOR DISPOSAL OF ROCK (NYSDOT ITEM NO. (REFER TO PLANS FOR MATERIAL AND VILLAGE ". IF GROUNDWATER I MATERIAL AND VILLAGE 203.0010063 STANDARD ENCOUNTERED AND AT THE VILLAGE STANDARD CONSTRUCTION AS ORDERED BY CONSTRUCTION DETAIL) //PIPE I.D. ENGINEER'S DISCRETION, DEWATERING VILLAGE ENGINEER PLAN VIEW DETAILS) OPERATIONS CANNOT BE ACCOMPLISHED **EXCAVATION** -BACKFILL MATERIAL SHALL BE CLEAN WASHED 3/4" CRUSHED STONE (NYSDOT ITEM NO. 623.12, SIZE DESIGNATION 2), AS ORDERED BY THE VILLAGE ENGINEER. PROTECTION SYSTEM AS REQUIRED (NYSDOT ITEM NO. SIDEWALK CURB RAMP 552.16 WITH DETECTABLE APPROVED CLEA APPROVED COMPACTED SELEC WARNING UNI GRANULAR FILL (NYSDOT ITEM NO. 203.07)
OR CLEAN WASHED 3/4" CRUSHED STONE
(NYSDOT ITEM NO. 623.12, SIZE DESIGNATION WASHED 3/4" CRUSHED CONSISTING OF RAISED SIDEWALK STONE (NYSDOT ITEM TRUNCATED DOMES NEW OR RELOCATED (REFER TO VILLAGE DESIGNATION 2 PIPE TRENCH DETAIL ) WHEN ROCK IS NOT ENCOUNTERED STANDARD CONSTRUCTION MIN. 6" SAND BEDDING - APPROVED COMPACTED DETAILS FOR RAMP AND (IF ROCK IS ENCOUNTERED) SUBGRADE DETECTABLE WARNING **EXCAVATION PAYMENT** #3 bars 12" o.c. both ways top only with 2" cover -PIPE INSIDE Width 3'-0" Minimum DIAMETER WIDTH (I.D.) REFER TO PIPE Width Varies TRENCH DETAIL FOR 3'-0" Slope 1/4"/ft. REMAINDER OF 3'-0" INSTALLATION 3'-0" 3'-0" **EXCAVATION OF** 3'-0" NOTES: UNSUITABLE/UNSTABLE 3'-6" UNLESS OTHERWISE NOTED, PORTLAND 3'-6" 16 " THICK, NYSDOT CLASS 'D' CONCRETE CEMENT CONCRETE SIDEWALKS SHALL (SEE NOTE 5) 3'-6" 18 (4,000 PSI) (NYSDOT ITEM NO. 608.0101) MEET THE SPECIFICATIONS OUTLINED IN /PIPE I.D. 4'-0" 6" THICK 3/4" APPROVED COMPACTED CLEAN SECTION 608 AND SUBSECTION 700 OF 4'-0" THE NEW YORK STATE DEPARTMENT OF WASHED CRUSHED STONE BASE COURSE TRANSPORTATION STANDARD 4'-6" (NYSDOT ITEM NO. 623.12, SIZE DESIGNATION 2 SPECIFICATIONS, DATED JANUARY 9, APPROVE 5'-0" COMPACTED SELECT 2014 WITH LATEST REVISION. APPROVED COMPACTED 5'-6" GRANULAR FILL SUBGRADE NYSDOT ITEM NO. 6'-0" 48 CONVENTIONALLY FORMED CONCRETE SHALL MEET THE REQUIREMENTS FOR REINFORCED CONCRETE DRIVEWAY 6'-6" 54 CLASS D IN ACCORDANCE WITH SECTION PIPE INSTALLATION IN 7'-0" 60 501 "PORTLAND CEMENT UNSTABLE OR UNSUITABLE SOIL CONDITIONS 7'-6" CONCRETE--GENERAL. VILLAGE OF MAMARONECK
VILLAGE MUNICIPAL BUILDING
169 MT. PLEASANT AVENUE (3RD FLOOR)
WESTCHESTER COUNTY
VILLAGE OF MAMARONECK, NY 10543
PHONE: (914) 777-7731
FAX: (914) 777-7792

PROJECT: DETAILS
SCALE:NOT TO SCAL
DATE: 03/13/2014
REV: 10/16/2014
SD-2A VILLAGE OF MAMARONECK
VILLAGE MUNICIPAL BUILDING
169 MT. PLEASANT AVENUE (3RD FLOOR)
WESTCHESTER COUNTY
VILLAGE OF MAMARONECK, NY 10543
PHONE: (914) 777-7731
FAX: (914) 777-7792 PORTLAND CEMENT CONCRETE PIPE TRENCH AND STANDARD CONSTRUCTION DETAILS STANDARD CONSTRUCTION DETAILS ASPHALT CONCRETE PAVEMENT TAPERED DRIVEWAY APRON (SIDEWALK ABUTTING ROADWAY) RESTORATION OFFICE OF THE VILLAGE ENGINEER

PORTLAND CEMENT OR ASPHAL

-PROPOSED SURFACE — 3500# AIR ENTRAINED CONCRETE — 2−#5 REBARS 8" CONTINUOUS EXPANSION JOINTS TO BE INSTALLED EVERY 10 FEET. <u>CONCRETE CURB</u> <u>(ON-SITE)</u> 

CONCRETE CURE

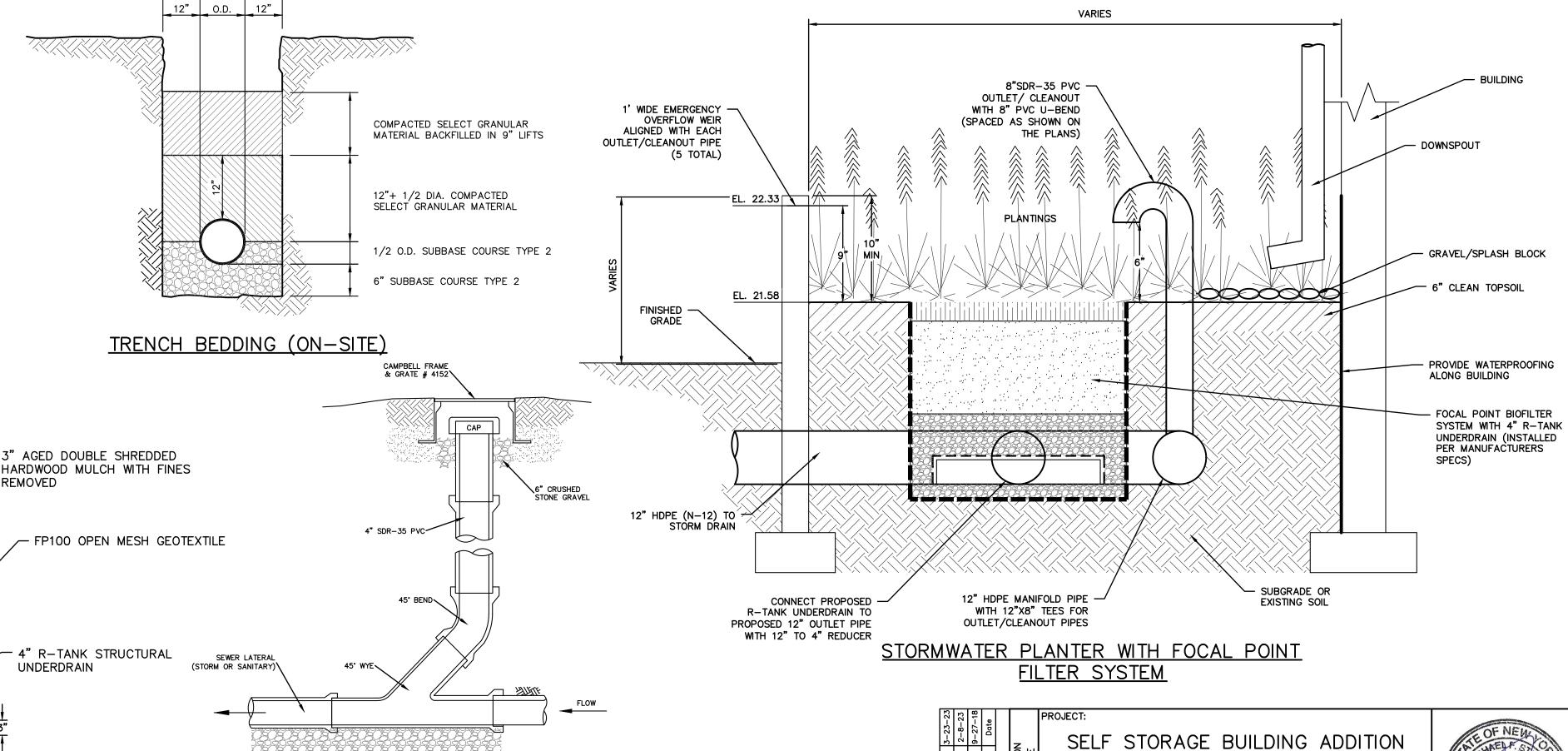
(JOINTS EVERY 10')

\_\_\_\_ SPRAY CURE EXPOSED FACES

REFER TO VILLAGE STANDARD

A- 2" TOP COURSE- N.Y.S.D.O.T. ITEM, 403.178202, TYPE 6 F B- 4" BINDER COURSE N.Y.S.D.O.T. ITEM, 403.13, TYPE 3 C- 6" SUBBASE COURSE- N.Y.S.D.O.T. ITEM, 304.12, TYPE 2

PAVEMENT SECTION



SEWER CLEANOUT DETAIL (GRAVITY) NOTES (SANITARY SEWER SERVICES):

- ALL SANITARY SEWER SERVICES TO BE 4" SDR-35 @ 1.0% MINIMUM. IN ACCORDANCE WITH THE NYS RESIDENTIAL BUILDING CODE, THE FOLLOWING REQUIREMENTS APPLY:
  - A. CLEANOUTS SHALL BE INSTALLED NOT MORE THAN 100 FEET APART IN HORIZONTAL DRAINAGE LINES (P3005.2.2). B. CLEANOUTS SHALL BE INSTALLED AT EACH CHANGE OF DIRECTION OF THE DRAINAGE SYSTEM GREATER THAN 45 DEGREES. C. CLEANOUTS SHALL BE INSTALLED SO THAT THE CLEANOUT OPENS TO ALLOW CLEANING IN

CLEANOUTS SHALL BE PLACED BEFORE SIGNIFICANT PIPE BEND LOCATIONS (I.E.

JUNCTIONS, 90-DEGREE BENDS, ETC.) UNLESS A ROOF LEADER DOWNSPOUT CONNECTION

THE DIRECTION OF THE FLOW OF THE DRAINAGE LINE (P3005.2.8). NOTES (STORM SEWER): REFER TO PLAN FOR SPECIFIC PIPE SIZING AND SLOPE SPECIFICATIONS: HOWEVER, IN GENERAL, ALL STORM SEWER SERVICES TO BE 6"0 SDR-35 @ 1.0% MINIMUM.

VILLAGE OF MAMARONECK WESTCHESTER COUNTY - NEW YORK SITE DETAILS

560 FENIMORE ROAD

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