

Diagram illustrating the cross-section of a floor box assembly. The assembly includes a 12" glass "C" concrete collar, a 6" internal coupling, and a 24" square floor box frame. The frame is made of Neenah R-7508 or W/ S.S. cap screw closure. The diagram also shows a 10" opening and a 16" dimension.

PAVED SURFACE INSTALLATION DETAIL

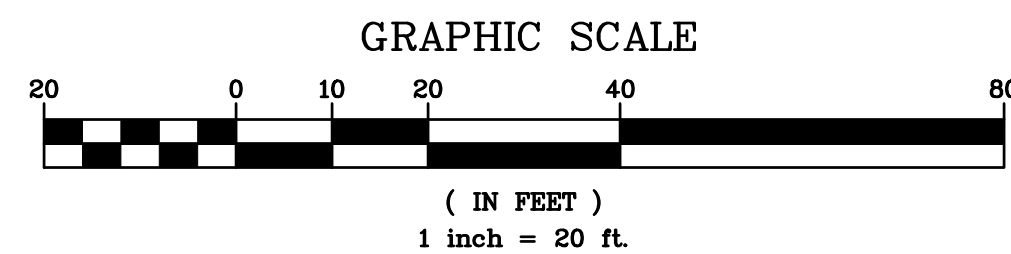
- NOTES:

1. WHEN ACCESS PORT IS UTILIZED AS SYSTEM OVERFLOW, INSTALL NDS MODEL 50 GRATE. GRATE TO BE SET 1/2" ABOVE ADJACENT GRADE. ADJACENT GRADE TO PITCH AWAY FROM ACCESS PORT IN ALL DIRECTION.
2. INSPECTION PORT NOT TO SERVE AS OVERFLOW WHEN INSTALLED IN PAVED/TRAFFIC AREAS.

NOTE:

1. THE APPLICANT SHALL PROVIDE AN AS-BUILT PLAN OF THE STORMWATER MANAGEMENT SYSTEM (FOR ALL STORMWATER 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 MANAGEMENT FEATURES.

1000 GREACEN POINT ROAD
STORMWATER MANAGEMENT PLAN BASED
UPON EXISTING INFORMATION PROVIDED
BY RICHARD A. SPINELLI.



PROPERTY LINE

PROPOSED WALKWAY/PATIO

PROPOSED CONTOUR

PROPOSED SPOT GRADE

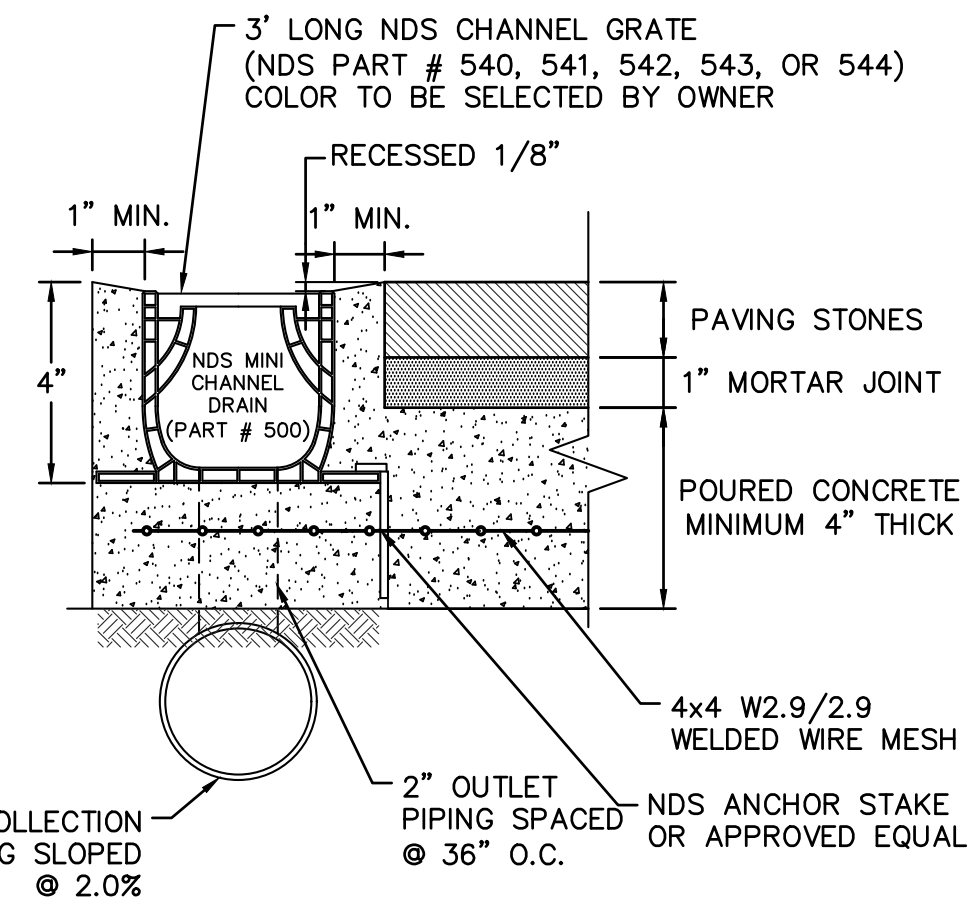
PROPOSED STORM PIPE

PROPOSED DRAIN INLET

PROPOSED CHANNEL DRAIN

TEST PIT LOCATION

PROPOSED LIMIT OF DISTURBANCE



NDS MINI CHANNEL DRAIN

CONSTRUCTION PHASE:

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 MAMARONECK AND THE NYSDEC AT THE TIME OF THE PRECONSTRUCTION MEETING.

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. THE FIRST INSPECTION OF 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 INCHES OR GREATER.

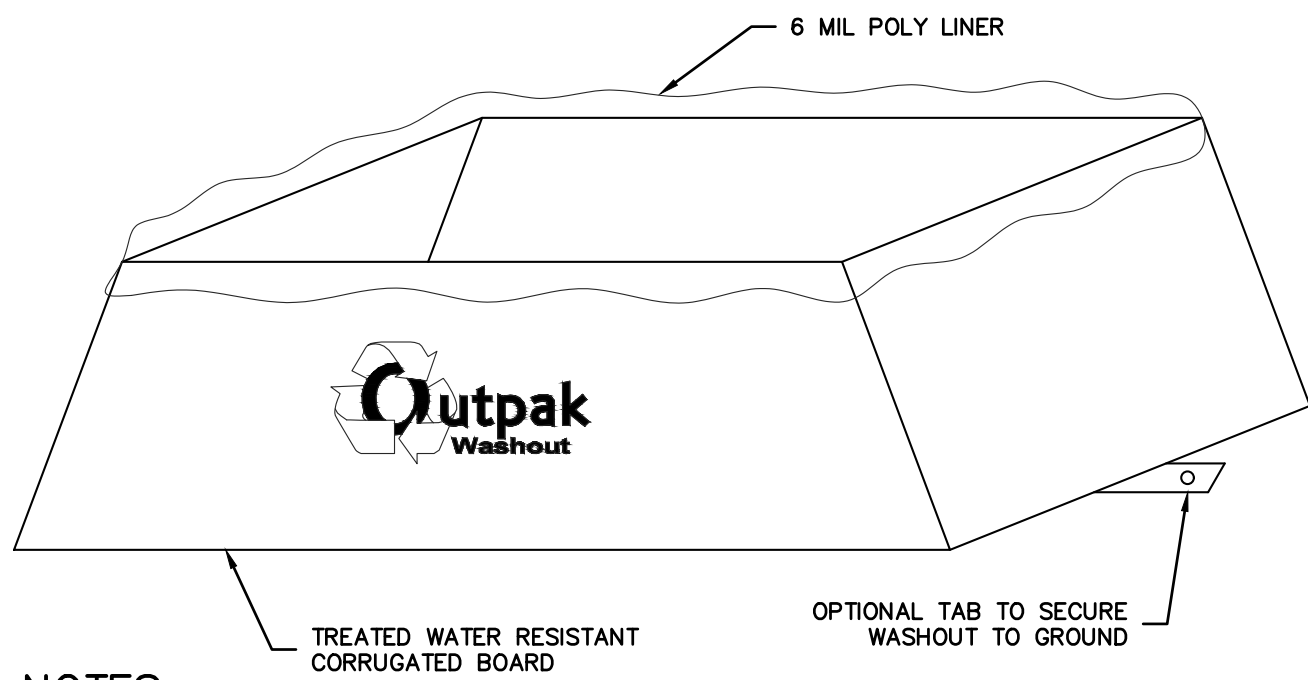
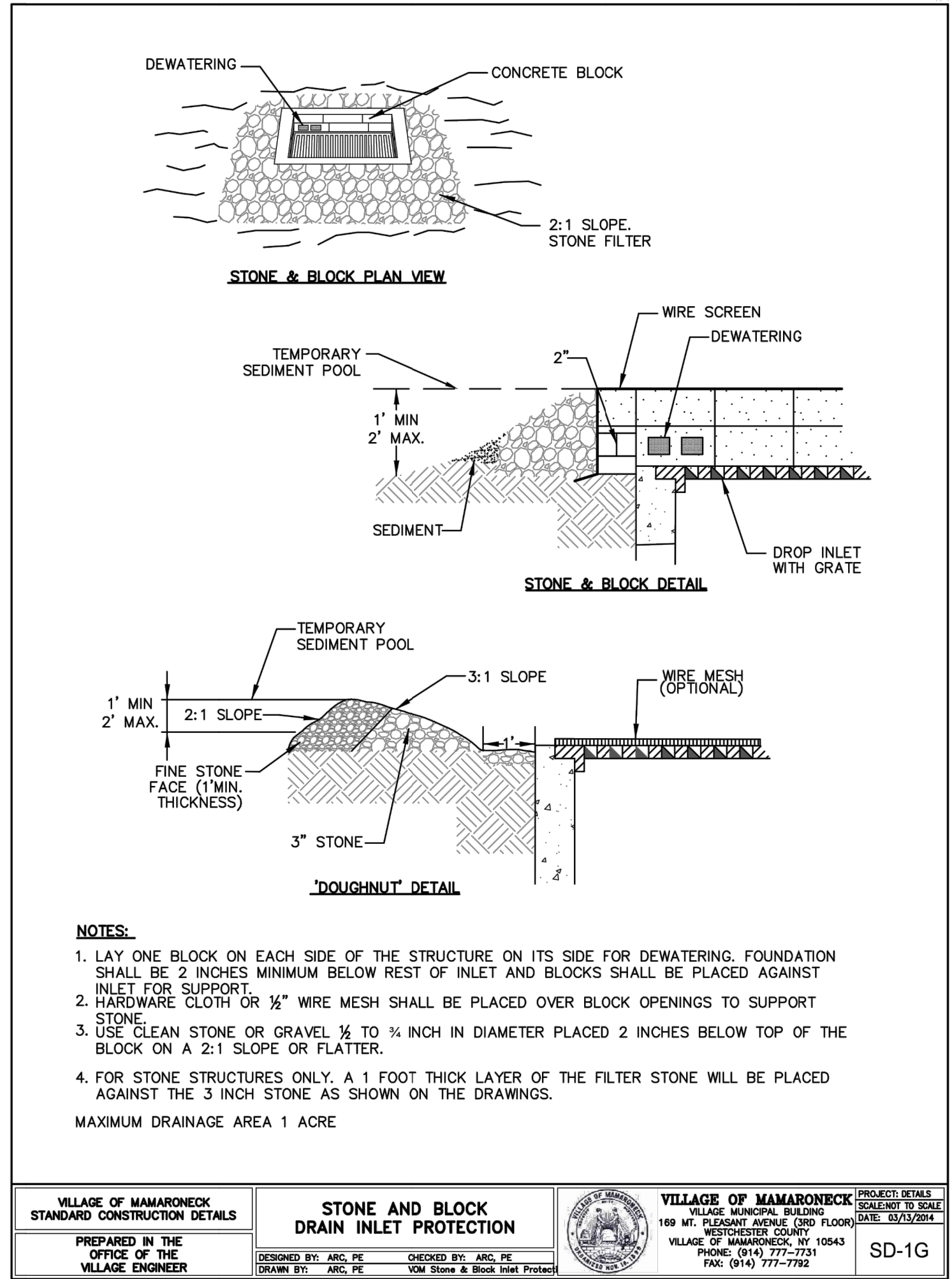
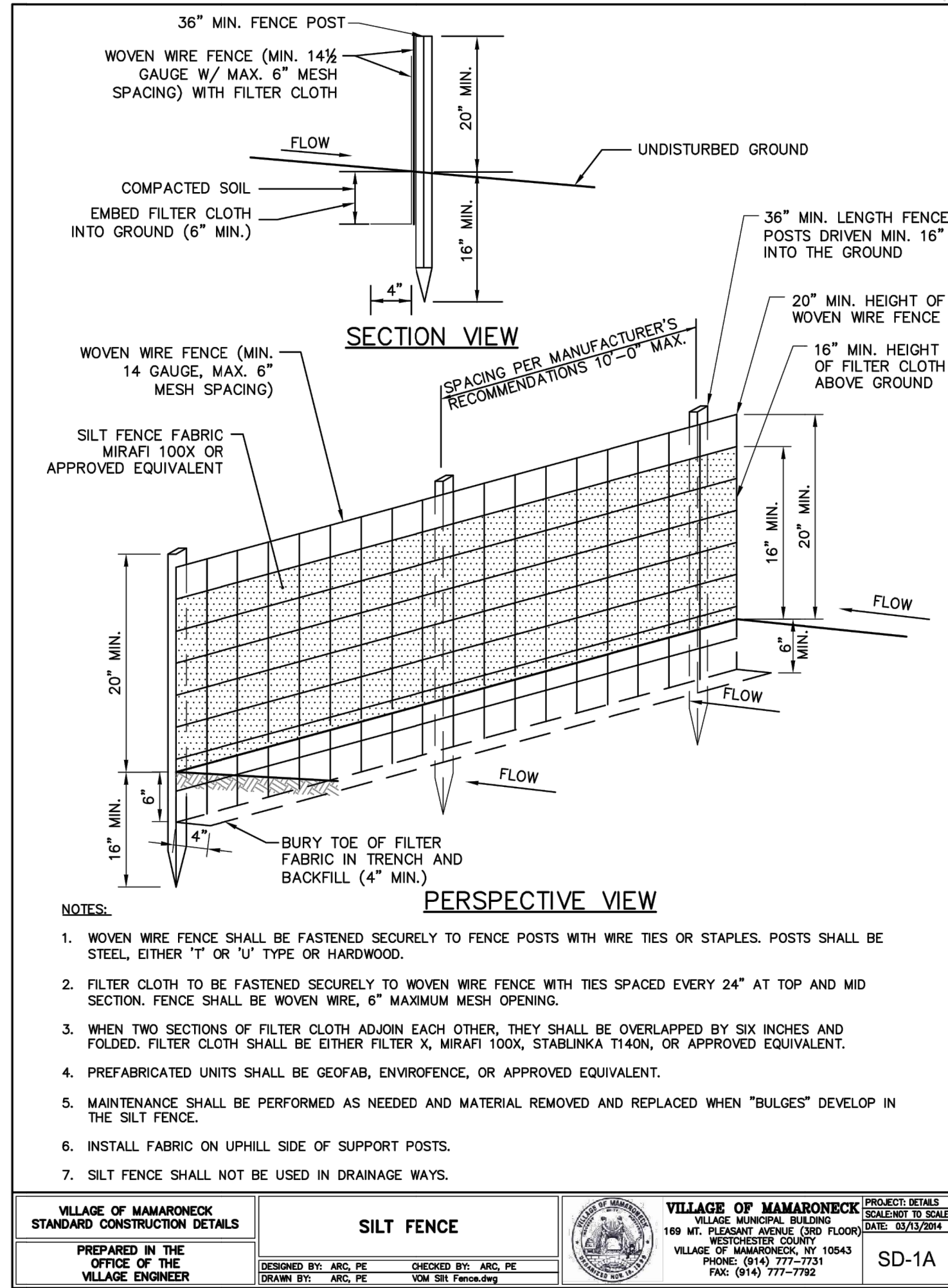
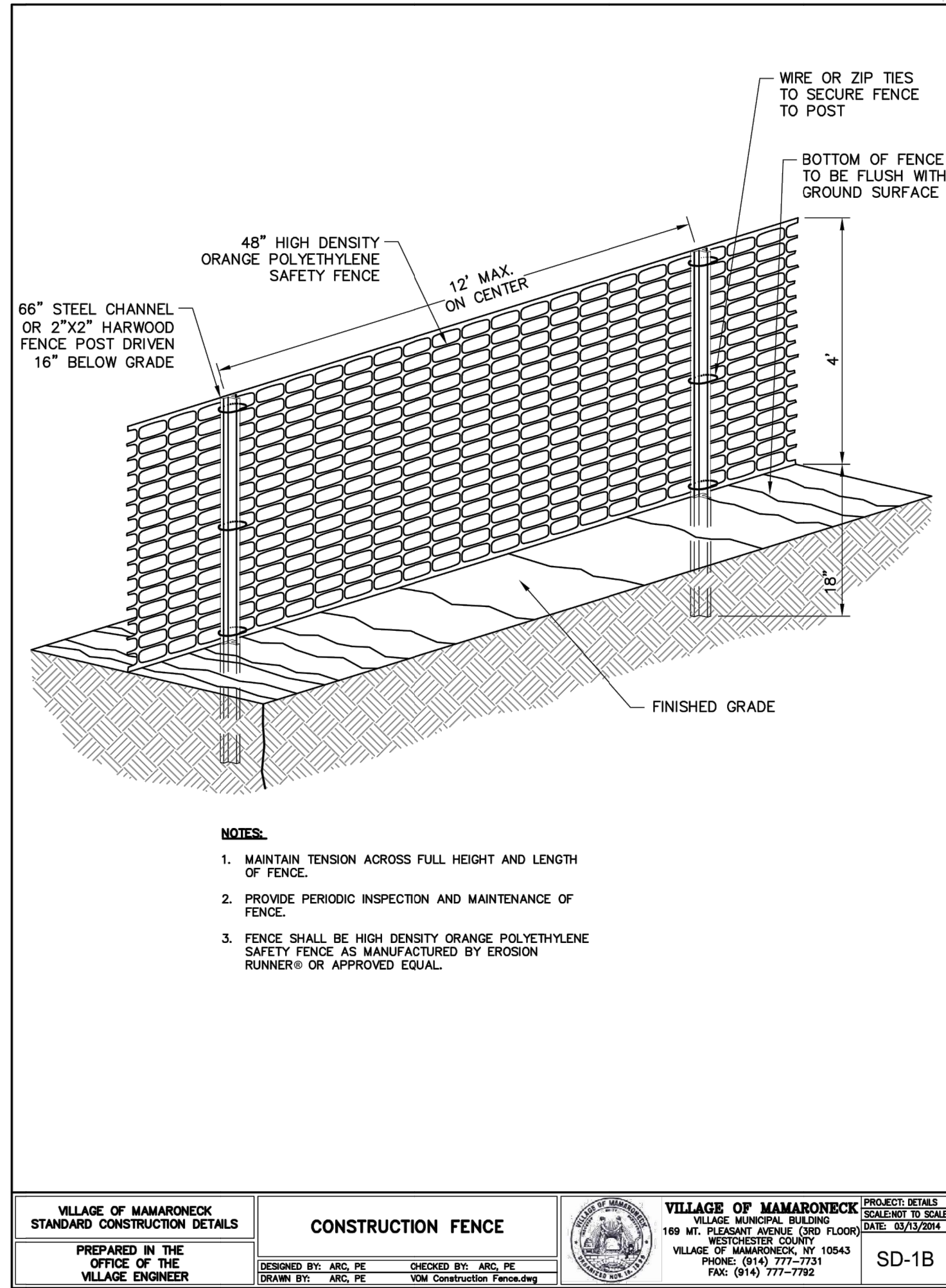
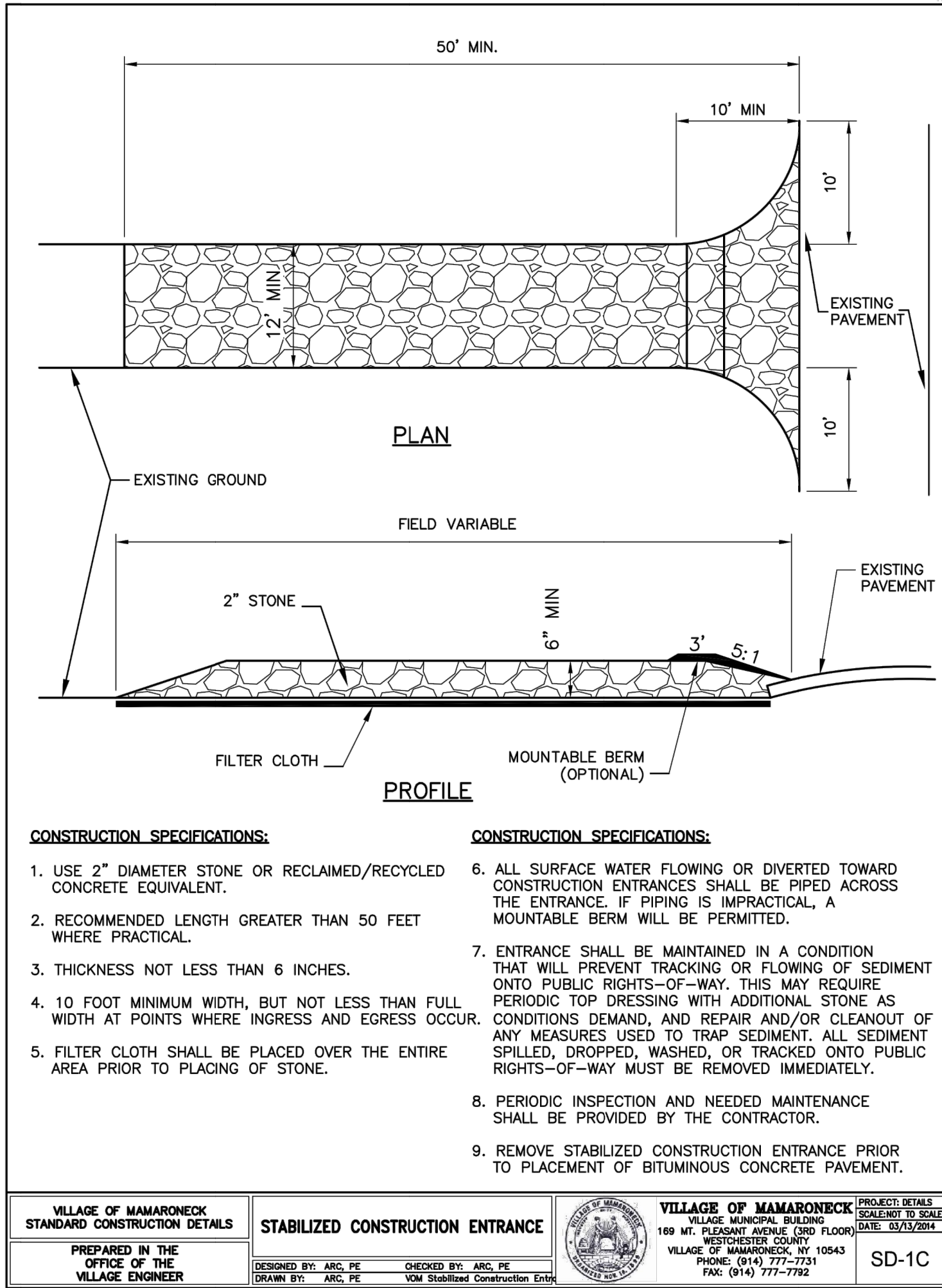
DURING EACH INSPECTION, THE REPRESENTATIVE SHALL RECORD THE FOLLOWING:

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 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 14-DAY PERIOD;
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 OF WATER ALONG THE EROSION. RECORD THE DEPTH OF SEDIMENT WITHIN CONTAINMENT STRUCTURES AND ANY EROSION NEAR OUTLET AND OVERFLOW STRUCTURES.
6. ALL IDENTIFIED DEFICIENCIES.

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.

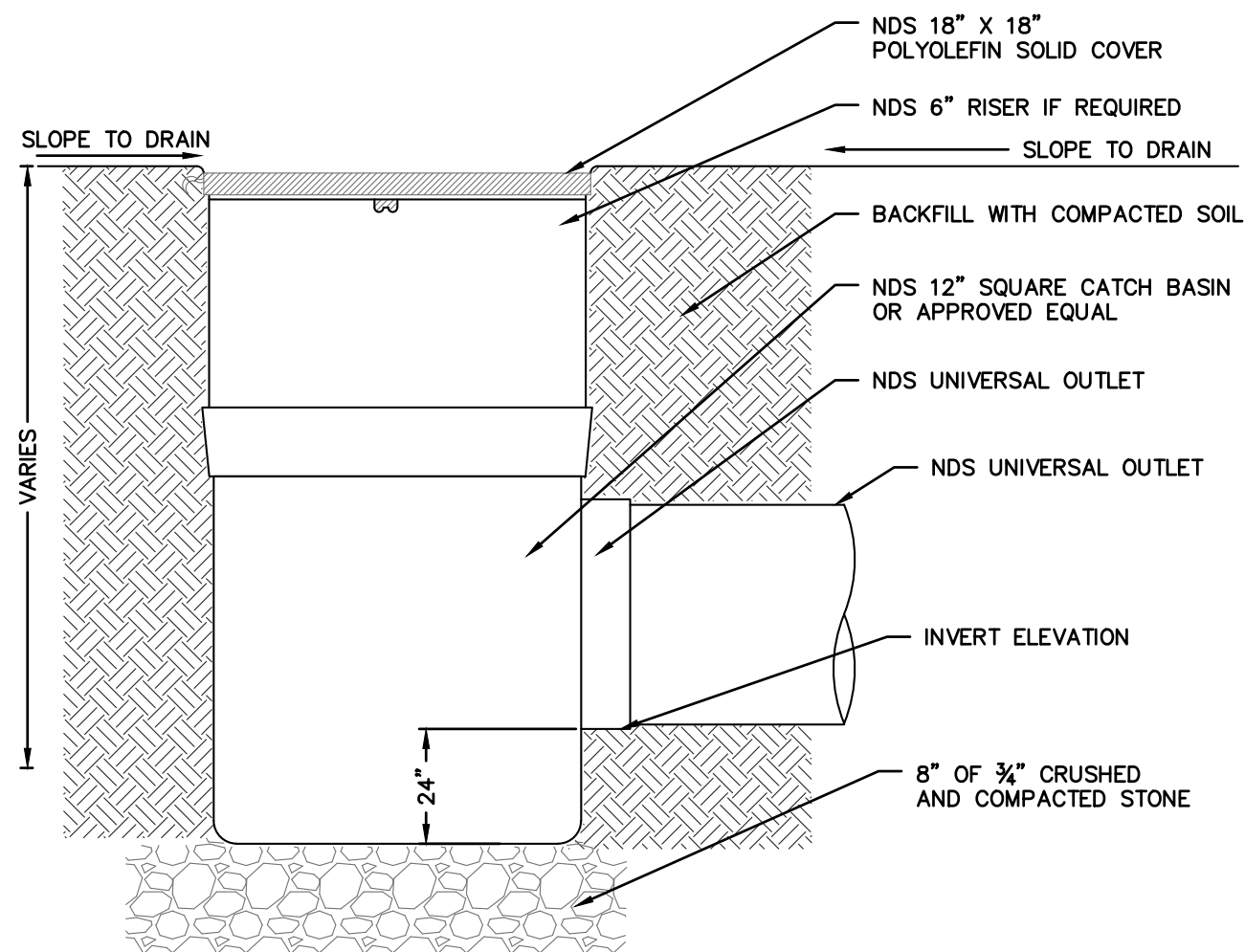
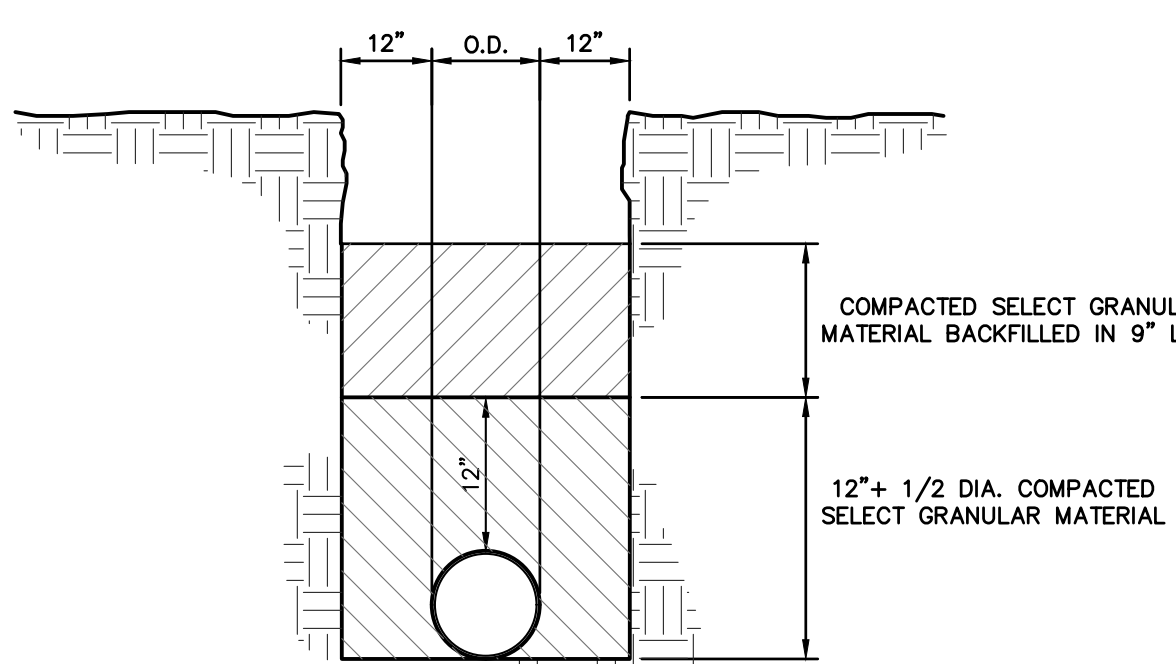
THE PROJECTS ANTICIPATED START DATE IS FALL OF 2019 AND THE ANTICIPATED COMPLETION DATE IS ESTIMATED TO OCCUR IN SUMMER OF 2020.

				06/23/21	Date
				REVISED PER ENGINEERING COMMENTS	Description
				1.	No.
			Revisions	THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEERS SEAL & SIGNATURE	
PROJECT:					
PROPOSED POOL & PATIO 1000 GREACEN POINT ROAD VILLAGE OF MAMARONECK WESTCHESTER COUNTY – NEW YORK					
STORMWATER MANAGEMENT PLAN					
		 HUDSON ENGINEERING & CONSULTING, P.C. 45 Knollwood Road - Suite 201 Elmsford, New York 10523 T: 914-908-0420 F: 914-560-2086			
<div style="float: right;"> </div> <p>Date: 03/25/21 Sheet: Scale: 1" = 20' 2/ Designed By: S.G. Checked By: M.S. Sheet No.</p> <h1 style="text-align: center;">C-2</h1>					
2021					

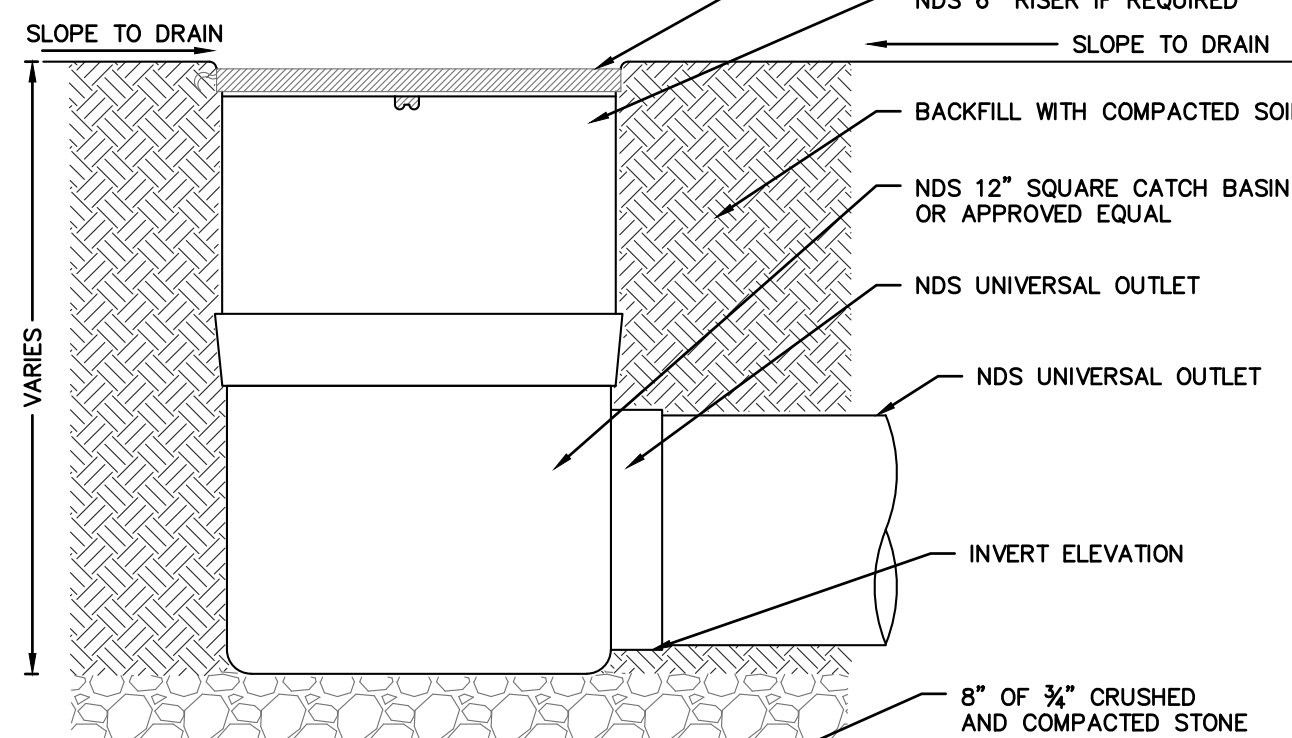


- NOTES:**
1. THE WASHOUT SHALL BE INSTALLED PRIOR TO USING MATERIALS THAT REQUIRE WASHOUT ON THIS PROJECT.
 2. AS NECESSARY, SIGNS SHALL BE PLACED THROUGHOUT THE SITE TO INDICATE THE LOCATION OF THE WASHOUT.
 3. THE WASHOUT AREA WILL BE REPLACED AS NECESSARY TO MAINTAIN CAPACITY FOR LIQUID WASTE.
 4. WASHOUT RESIDUE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE FACILITY.
 5. DO NOT WASHOUT INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS.
 6. AVOID DUMPING EXCESS CONCRETE IN NON-DESIGNATED DUMPING AREAS.
 7. LOCATE WASHOUT AT LEAST 50' (15 METERS) FROM STORM DRAIN, OPEN DITCHES, OR WATER BODIES.
 8. THE WASHOUT SHALL BE USED ONLY FOR NON-HAZARDOUS WASTES.

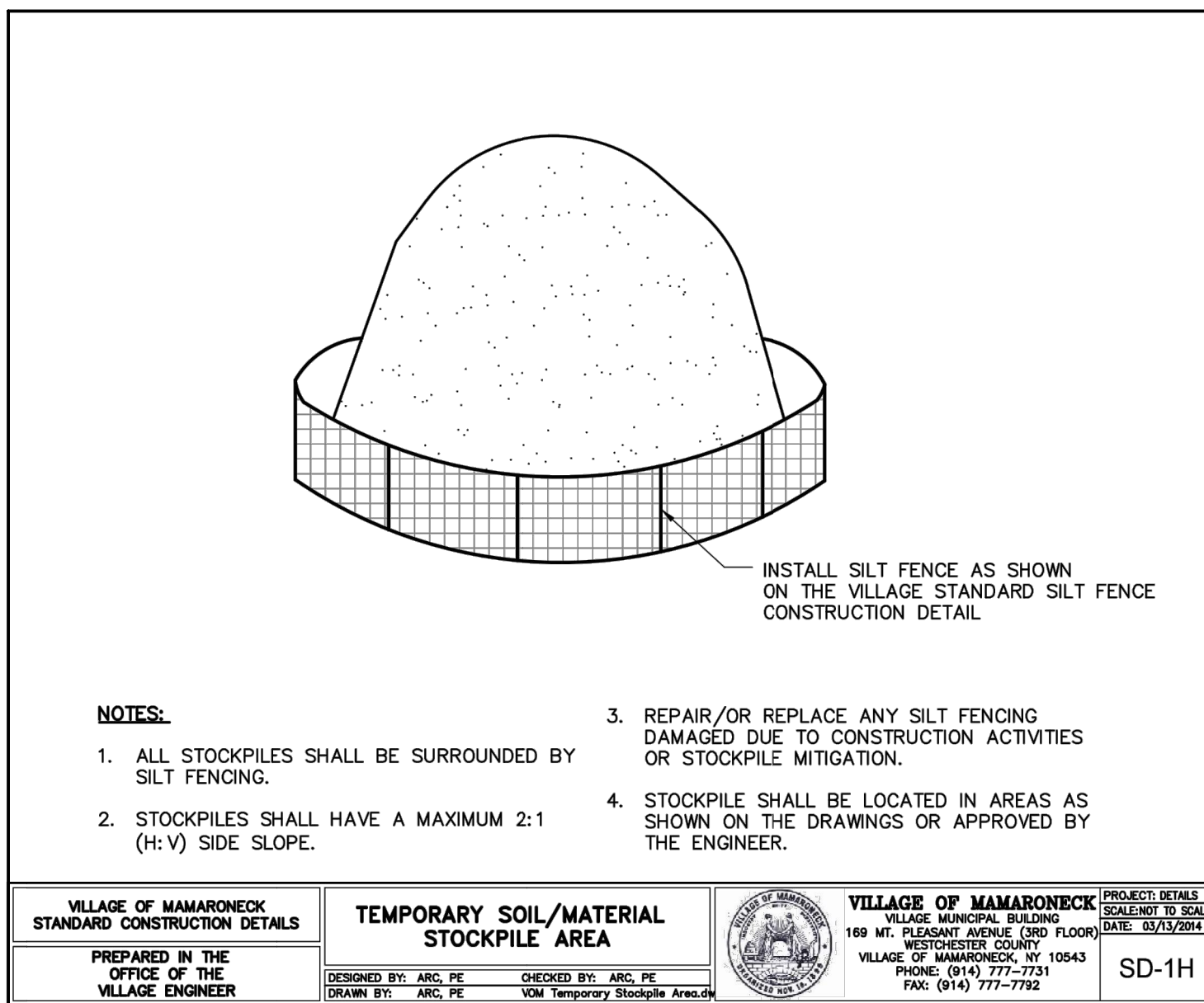
CORRUGATED CONCRETE WASHOUT



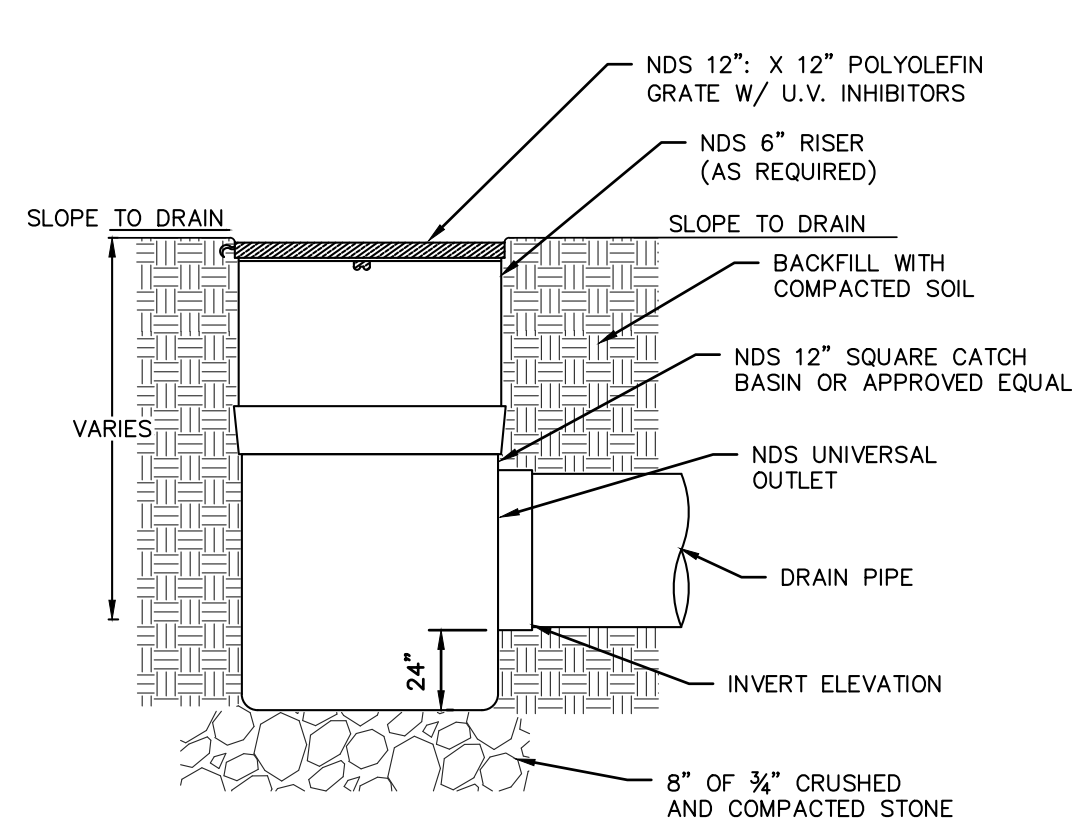
NDS SQUARE CATCH BASIN



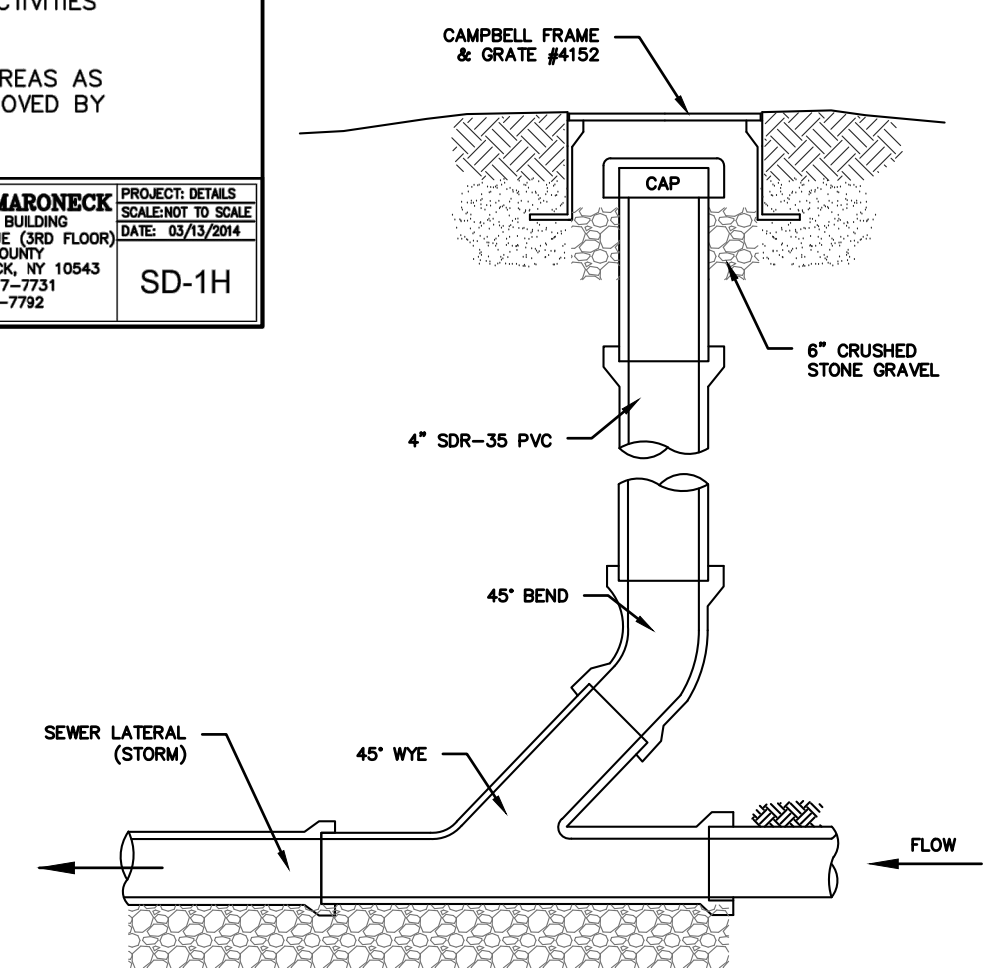
NDS SQUARE CATCH BASIN



TEMPORARY SOIL/MATERIAL STOCKPILE AREA



NDS SQUARE CATCH BASIN



- NOTES (STORM SEWER):**
1. REFER TO PLAN FOR SPECIFIC PIPE SIZING AND SLOPE SPECIFICATIONS; HOWEVER, IN GENERAL, ALL STORM SEWER SERVICES TO BE 6" SCH. 40 @ 1.0% MINIMUM.
 2. CLEANOUTS SHALL BE PLACED BEFORE SIGNIFICANT PIPE BEND LOCATIONS (I.E., JUNCTIONS, 90-DEGREE BENDS, ETC.) UNLESS A ROOF LEADER DOWNSPOUT CONNECTION IS PROPOSED.

SEWER CLEANOUT DETAIL (GRAVITY)

STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM

MEASURE	DATES FOR INSPECTION	TIMING, ACTIVITY, AND LOCATION
GENERAL MAINTENANCE (STORM SEWER, CATCH BASINS/ DRAIN INLETS, MANHOLES, PRE-TREATMENT DEVICE AND INFILTRATION BASIN)	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.
SUMPS - CATCH BASIN/DRAIN INLETS AND DRAIN MANHOLES	UPON COMPLETION OF CONSTRUCTION. -ONCE A MONTH FOR THE FIRST THREE (3) MONTHS. AFTER FIRST THREE (3) MONTHS. -EVERY FOUR (4) MONTHS THEREAFTER	ALL CATCH BASIN/DRAIN INLETS AND DRAIN MANHOLES WITH SUMPS HAVE BEEN DESIGNED TO TRAP SEDIMENT PRIOR TO ITS TRANSPORT TO THE INFILTRATION PRACTICE AND, ULTIMATELY, 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 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.
SUBSURFACE INFILTRATION CHAMBERS/DRY WELL	UPON COMPLETION OF CONSTRUCTION. -IMMEDIATELY AFTER CONSTRUCTION. -EVERY SIX (6) MONTHS THEREAFTER (SPRING & FALL) BY INDIVIDUAL HOMEOWNERS	ALL EXFILTRATION SYSTEMS SHALL BE INSPECTED EVERY SIX (6) MONTHS (SPRING AND FALL) FOR EXCESS SEDIMENT ACCUMULATION AND CLOGGING OF INLET AND OUTLET PIPING. DURING DRY WEATHER CONDITIONS, WHEN SEDIMENT HAS ACCUMULATED TO AN AVERAGE DEPTH EXCEEDING 3" (THREE INCHES), THE GALLERY SHALL BE WATER JETTED CLEAN, AND ALL ACCUMULATED SEDIMENTS SHALL BE VACUUMED OUT OR REMOVED MANUALLY. A STADIA ROD MAY BE INSERTED TO DETERMINE THE DEPTH OF THE SEDIMENT. MAINTENANCE OF THE INFILTRATION SYSTEMS LOCATED ON EACH INDIVIDUAL LOT SHALL BE THE RESPONSIBILITY OF THE INDIVIDUAL PROPERTY OWNER.

PROJECT: PROPOSED POOL & PATIO
1000 GREACEN POINT ROAD
VILLAGE OF MAMARONECK
WESTCHESTER COUNTY - NEW YORK

DETAILS

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Sheet No. C-3

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