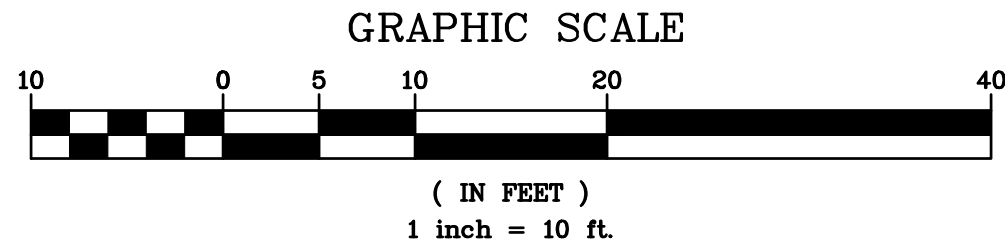


CONTRACTOR SHALL CONTACT DESIGN ENGINEER TO SCHEDULE A SITE INSPECTION PRIOR TO BACKFILLING INFILTRATION/ATTENUATION SYSTEM(S). SHOULD THE CONTRACTOR BACKFILL PRIOR TO INSPECTION, THE CONTRACTOR SHALL EXPOSE THE SYSTEM AT THEIR OWN EXPENSE.

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.

EXISTING INFORMATION SHOWN HEREON
PROVIDED BY RICHARD A. SPINELLI
SURVEYING DATED SEPTEMBER 10, 2021.



| Revisions | By | Date |
|-----------|---------------------------|----------|
| 1 | PLANNING BOARD SUBMISSION | 09/14/22 |
| 2 | REVISIONS | 09/14/22 |
| 3 | NO. | |

THIS PLAN NOT VALID FOR CONSTRUCTION WITHOUT ENGINEER'S SEAL & SIGNATURE

PROJECT:
PROPOSED SINGLE-FAMILY RESIDENCE
1310 FLAGLER DRIVE
VILLAGE OF MAMARONECK
WESTCHESTER COUNTY - NEW YORK

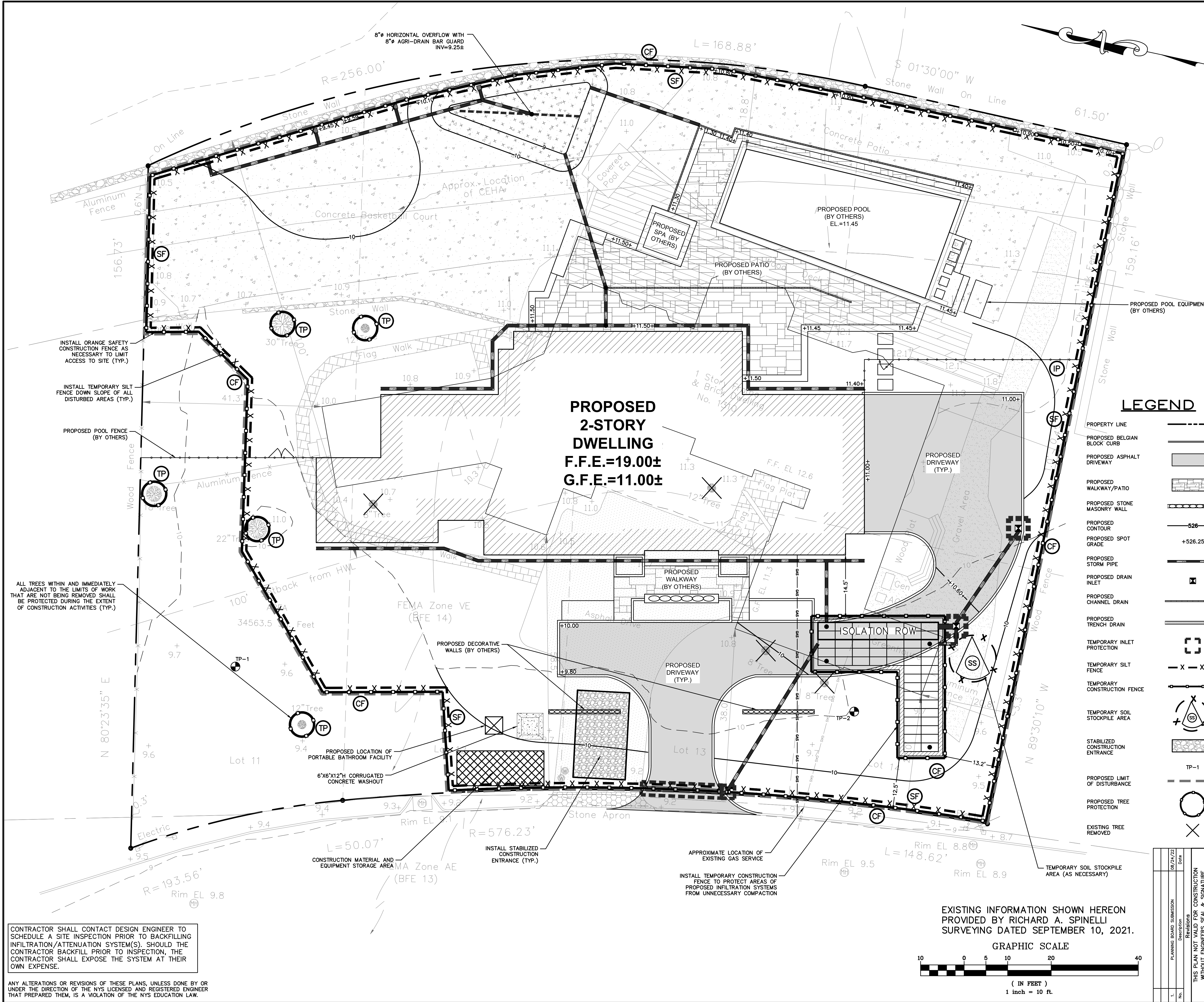
EXISTING CONDITIONS / DEMOLITION PLAN

HEC
HUDSON
ENGINEERING
CONSULTING, P.C.
45 Knollwood Road - Suite 201
Elmsford, New York 10523
T: 914-909-0420
F: 914-560-2086
© 2022

STATE OF NEW YORK
MICHAEL J. SPINELLI
LICENSED PROFESSIONAL ENGINEER
No. 60857

Date: 07/15/22 Sheet: 1
Scale: 1" = 10' 1
Designed By: S.G.
Checked By: M.S.
Sheet No. 6

C-1



- 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 987.
 3. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL APPLICABLE CODES, INCLUDING BUT NOT LIMITED TO A.C. 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 PERMIT.
 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 STRUCTURE.
 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 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.

- CONSTRUCTION SEQUENCING:**
- THE FOLLOWING EROSION CONTROL SCHEDULE SHALL BE UTILIZED:
1. ESTABLISH CONSTRUCTION STAGING AREA.
 2. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
 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 CALLED OUT TO BE REMOVED ON PLANS. 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 TARP/AUPLAINS) 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.
 9. ROUGH GRADE SITE.
 10. INSTALL ADDITIONAL SILT FENCING AS NECESSARY.
 11. EXCAVATE AND CONSTRUCT EXFILTRATION SYSTEM AND RAIN GARDEN.
 12. ROUGH GRADE DRIVEWAY AND INSTALL CATCH BASINS AS WELL AS ALL ASSOCIATED ON-SITE PIPING.
 13. EXCAVATE AND CONSTRUCT PROPOSED DWELLING, POOL AND PATIO.
 14. INSTALL CURBING AND SUB-BASE COURSES, FINE GRADE AND SEED ALL DISTURBED AREAS. SPREAD SALT HAY OVER SEEDER AREAS.
 15. INSTALL BITUMINOUS CONCRETE TOP COURSE.
 16. CLEAN DRAIN LINES, CATCH BASINS, AND EXFILTRATION SYSTEM.
 17. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION.

* SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR WEEKLY AND PRIOR TO AND AFTER EVERY 1/2" OR GREATER RAINFALL EVENT.

INSTALLATION & MAINTENANCE OF EROSION CONTROL:

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

EROSION CONTROL MEASURES:
INSTALL ALL 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 OF EROSION CONTROL MEASURES.

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

INSTALL ALL 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 OF EROSION CONTROL MEASURES.

AFTER ANY RAIN CAUSING RUNOFF, CONTRACTOR TO INSPECT SILTENCE, 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:
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 SEEDDED. HAND RAKE LEVEL. BROADCAST 1.25 LB. BAG OF JONATHAN GREEN "FASTGROW" MIX OR EQUAL OVER AREA TO BE SEEDDED. 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.

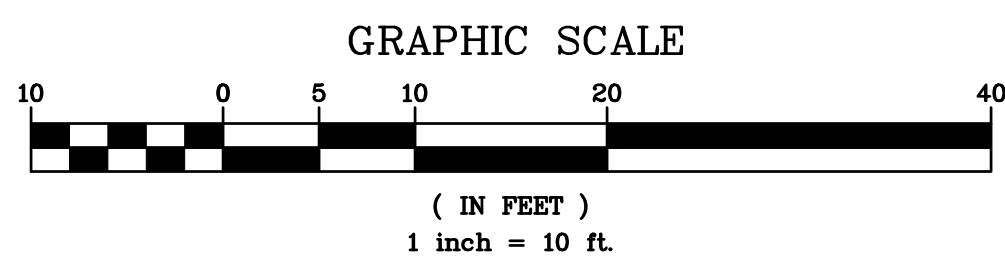
INSPECTION BY MUNICIPALITY - FINAL LANDSCAPING:
GRASS ESTABLISHED. CALL FOR INSPECTION FROM THE APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 2 DAYS PRIOR TO FINISH.

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.

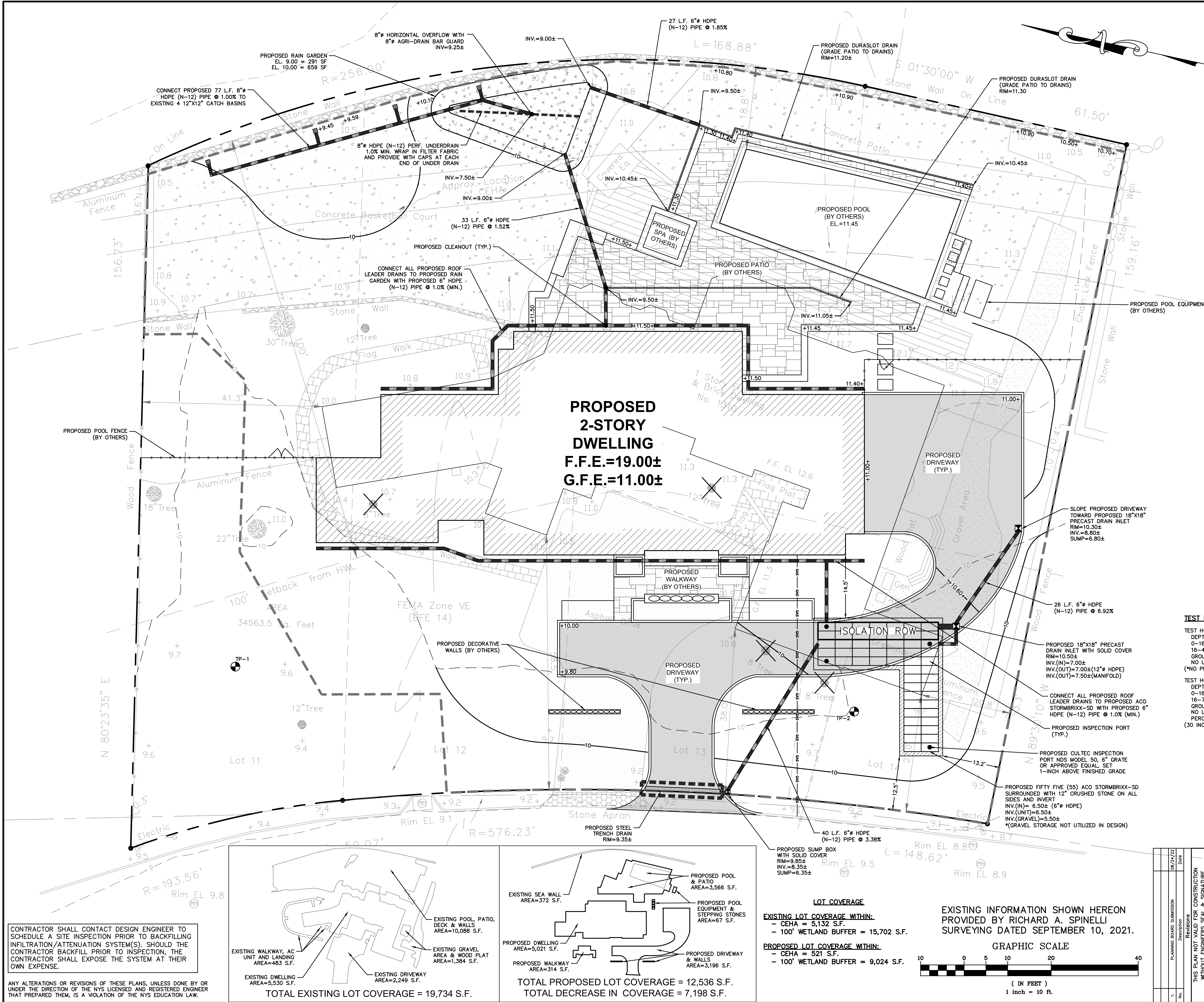
LEGEND

- PROPERTY LINE
PROPOSED BELGIAN BLOCK CURB
PROPOSED ASPHALT DRIVEWAY
PROPOSED WALKWAY/PATIO
PROPOSED STONE MASONRY WALL
PROPOSED CONTOUR
PROPOSED SPOT GRADE
PROPOSED STORM PIPE
PROPOSED DRAIN INLET
PROPOSED DRAIN
PROPOSED CHANNEL DRAIN
PROPOSED TRENCH DRAIN
TEMPORARY INLET PROTECTION
TEMPORARY SILT FENCE
TEMPORARY CONSTRUCTION FENCE
TEMPORARY SOIL STOCKPILE AREA
STABILIZED CONSTRUCTION ENTRANCE
PROPOSED LIMIT OF DISTURBANCE
PROPOSED TREE PROTECTION
EXISTING TREE REMOVED

EXISTING INFORMATION SHOWN HEREON PROVIDED BY RICHARD A. SPINELLI SURVEYING DATED SEPTEMBER 10, 2021.



| | |
|--|--|
| PROJECT: | PROPOSED SINGLE-FAMILY RESIDENCE 1310 FLAGLER DRIVE VILLAGE OF MAMARONECK WESTCHESTER COUNTY - NEW YORK |
| DATE: | 07/15/22 |
| DESIGNED BY: | S.G. |
| CHECKED BY: | M.S. |
| SHEET NO. | 2 |
| SEDIMENT & EROSION CONTROL PLAN | |
| HUDSON ENGINEERING & CONSULTING, P.C. 45 Knollwood Road - Suite 201 Elmsford, New York 10523 T: 914-903-0420 F: 914-560-2086 | |
| C-2 | |



NOTES:

1. ALL SOIL STOCKPILES SHALL BE A MINIMUM OF 5' FROM ALL ADJACENT PROPERTIES.
2. ALL DISTURBED AREAS SHALL BE RESTORED IN ACCORDANCE WITH CHAPTER 5 SOIL RESTORATION STANDARDS AS OUTLINED IN THE NYSDEC STORMWATER MANAGEMENT DESIGN MANUAL.
3. ALL DISTURBED SOILS SHALL RECEIVE TEMPORARY STABILIZATION/FINAL RESTORATION WHEN NO FURTHER DISTURBANCE IS PLANNED WITHIN 14 DAYS.
4. EXACT LOCATION OF ALL UTILITIES TO BE VERIFIED IN THE FIELD BY CONTRACTOR PRIOR TO START OF CONSTRUCTION.
5. EXISTING STRUCTURES INTENDED TO BE DEMOLISHED SHALL BE EVALUATED FOR THE PRESENCE OF HAZARDOUS MATERIALS. HANDLING AND DISPOSAL OF REGULATED MATERIALS SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS.
6. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL LOCATE ALL BURIED UTILITIES TO ENSURE THAT NO INTERFERENCE EXISTS DURING CONSTRUCTION ACTIVITIES.
7. ANY IMPORTED SOIL SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS FOR QUALITY AND USE.
8. OFF-SITE DISPOSAL OF EXCESS CUT SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS.
9. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL DATED NOVEMBER 2016.
10. THE APPLICANT SHALL PROVIDE AN AS-BUILT PLAN OF THE STORMWATER MANAGEMENT SYSTEM (FOR ALL 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.
11. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES CANNOT BE REMOVED UNTIL SITE STABILIZATION (80% UNIFORM DENSITY OF PERMANENT VEGETATION OR PERMANENT MULCH/STONE) HAS BEEN ACHIEVED.
12. ALL EXISTING TREES SHALL BE PROTECTED WITH A MINIMUM OF 6-INCHES OF WOOD CHIPS OR MULCHING IN AREAS PRONE TO COMPACTION DUE TO CONSTRUCTION ACTIVITIES.

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 CARMEL 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. 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 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 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 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 OR 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.
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 CARMEL 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.

LEGEND

| | |
|-------------------------------|---------------|
| PROPERTY LINE | --- |
| PROPOSED BELGIAN BLOCK CURB | ===== |
| PROPOSED ASPHALT DRIVEWAY | ===== |
| PROPOSED WALKWAY/PATIO | ===== |
| PROPOSED STONE MASONRY WALL | ===== |
| PROPOSED CONTOUR | -----526----- |
| PROPOSED SPOT GRADE | +526.25 |
| PROPOSED STORM PIPE | ===== |
| PROPOSED DRAIN INLET | ===== |
| PROPOSED CHANNEL DRAIN | ===== |
| PROPOSED TRENCH DRAIN | ===== |
| TEST PIT LOCATION | TP-1 |
| PROPOSED LIMIT OF DISTURBANCE | ----- |

TEST HOLE DATA:

TEST HOLE #1
DEPTH - 41"
0-16" TOPSOIL
16-41" SANDY SILT
GROUNDWATER @ 41"
NO LEDGE ROCK
(NO PERCOLATION TESTING PERFORMED)

TEST HOLE #2
DEPTH - 74"
0-16" TOPSOIL
16-74" SANDY SILT
GROUNDWATER @ 74"
NO LEDGE ROCK
PERC. = 120 INCHES/HOUR
(30 INCHES/HOUR UTILIZED IN DESIGN)

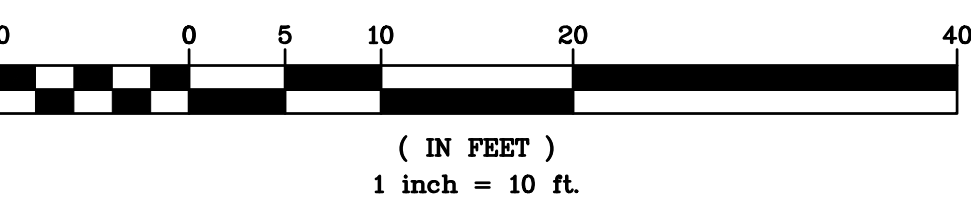
LOT COVERAGE

EXISTING LOT COVERAGE WITHIN:
- CEHA = 5,132 S.F.
- 100' WETLAND BUFFER = 15,702 S.F.

PROPOSED LOT COVERAGE WITHIN:
- CEHA = 521 S.F.
- 100' WETLAND BUFFER = 9,024 S.F.

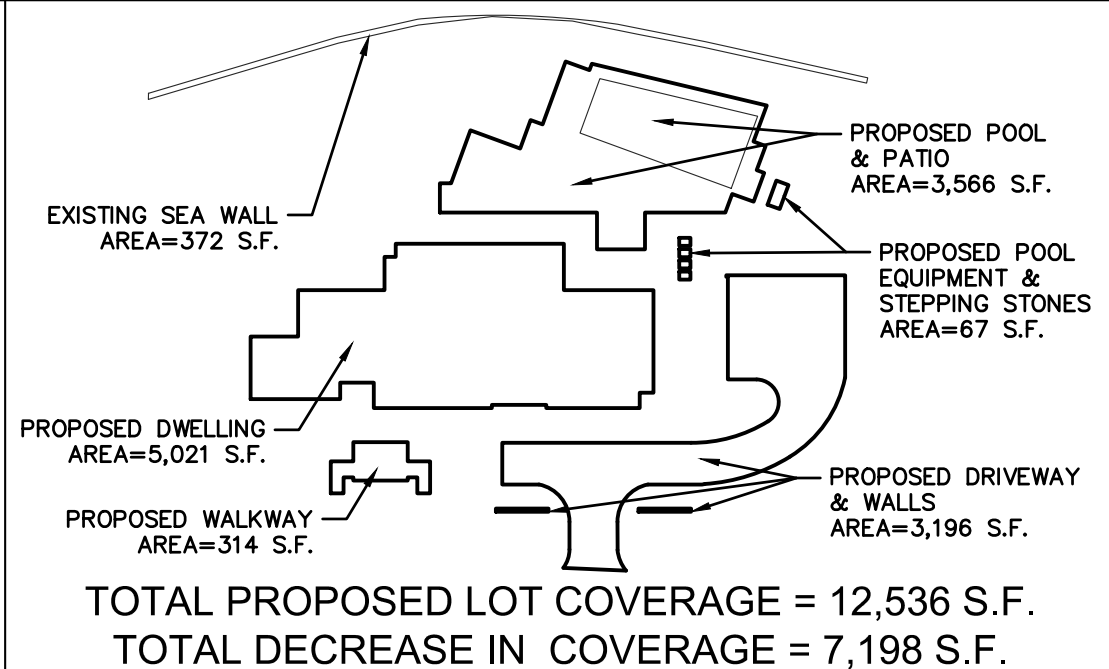
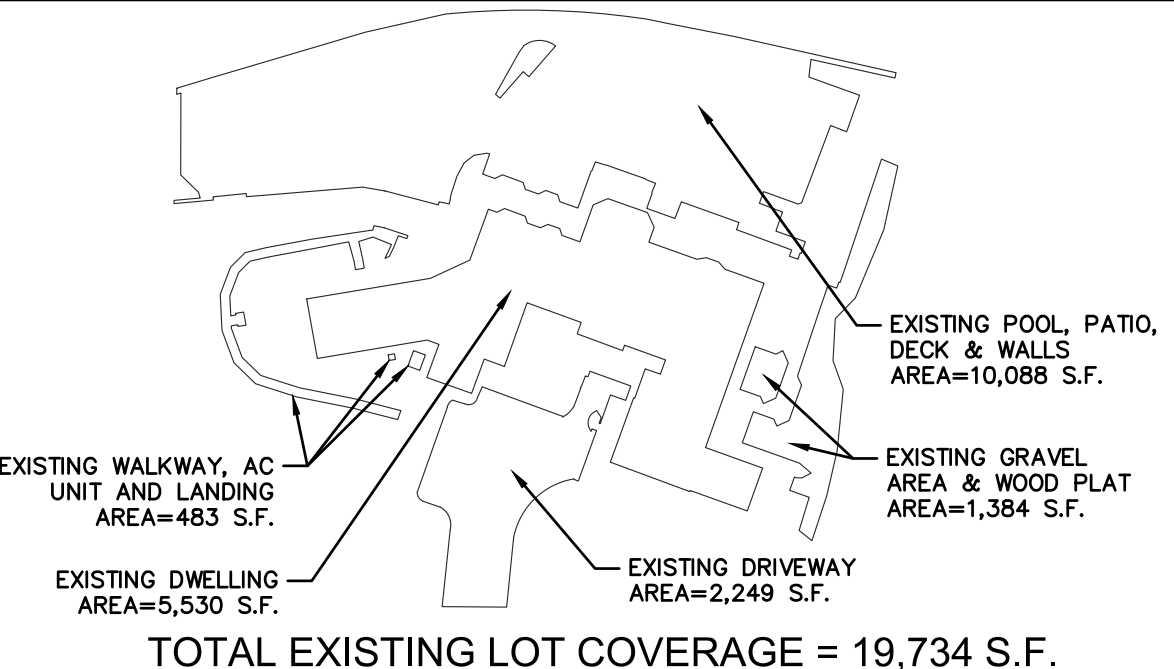
EXISTING INFORMATION SHOWN HEREON
PROVIDED BY RICHARD A. SPINELLI
SURVEYING DATED SEPTEMBER 10, 2021.

GRAPHIC SCALE

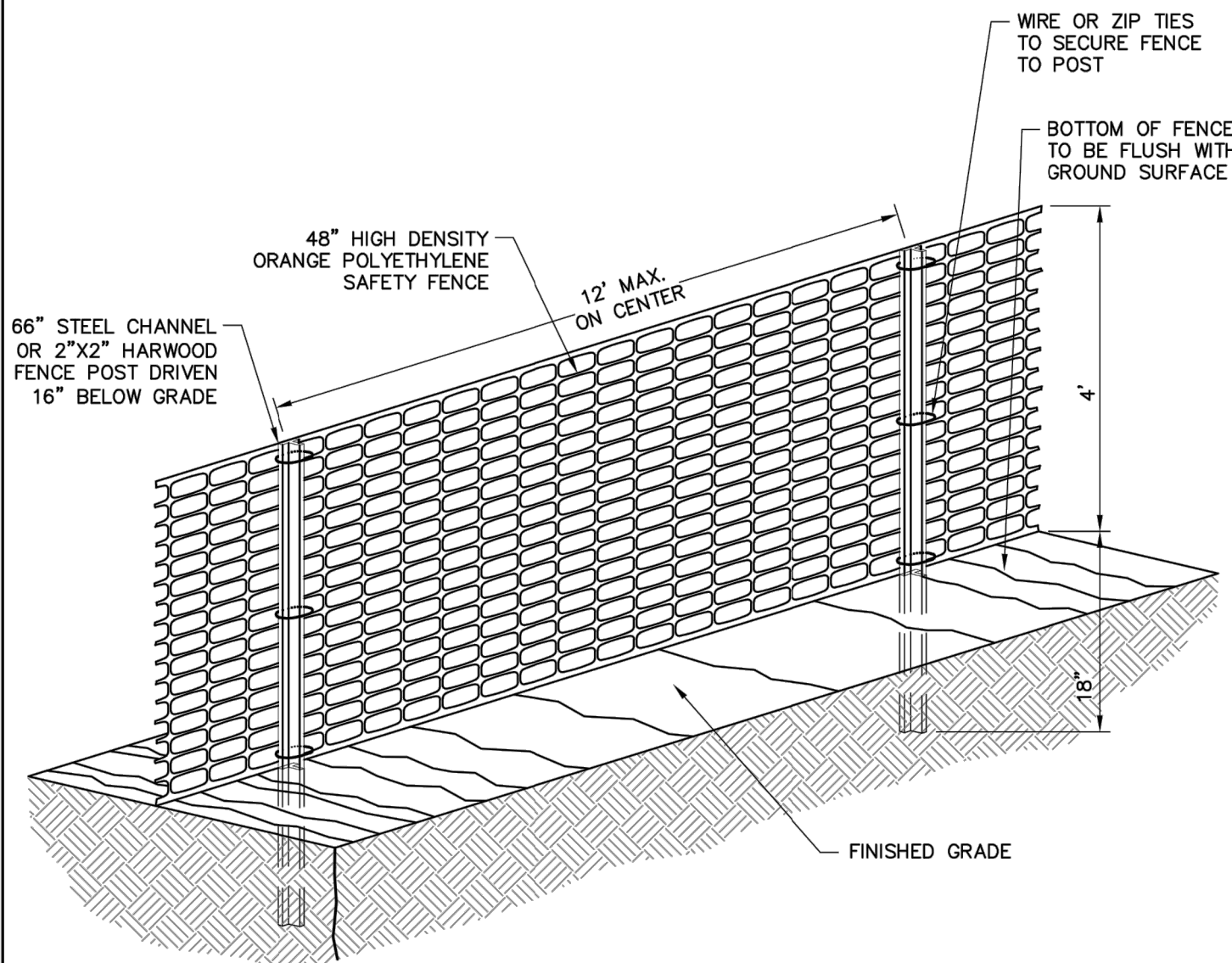


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ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.



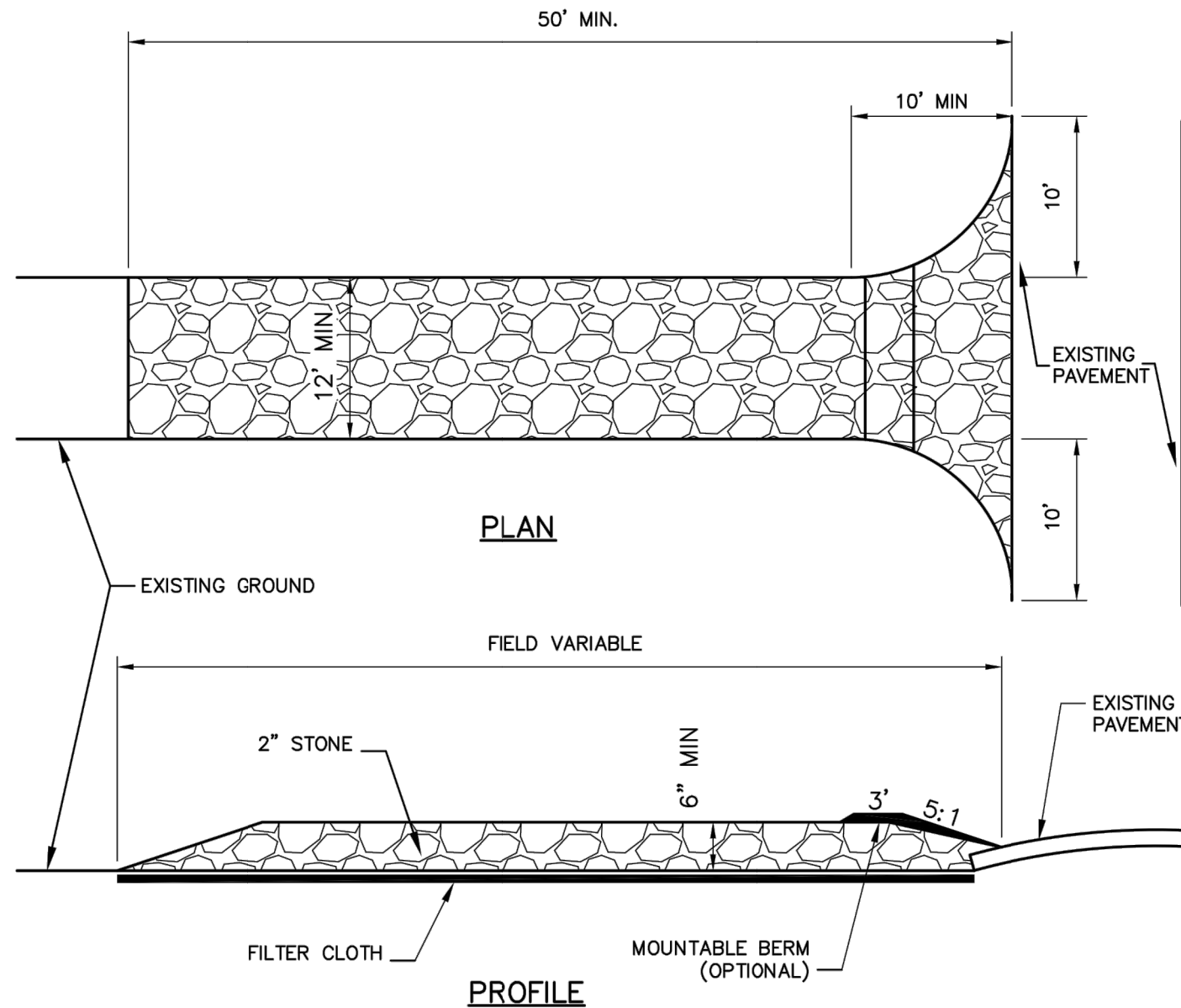
| | |
|---|--|
| PROJECT: | PROPOSED SINGLE-FAMILY RESIDENCE 1310 FLAGLER DRIVE VILLAGE OF MAMARONECK WESTCHESTER COUNTY - NEW YORK |
| STORMWATER MANAGEMENT PLAN | |
| HUDSON ENGINEERING & CONSULTING, P.C. | |
| 45 Knollwood Road - Suite 201 Elmsford, New York 10523 | |
| T: 914-903-0420 F: 914-560-2086 | |
| Date: 07/15/22 Scale: 1" = 10' Designed By: S.G. Checked By: M.S. Sheet No. 3 | C-3 |



NOTES:

1. MAINTAIN TENSION ACROSS FULL HEIGHT AND LENGTH OF FENCE.
2. PROVIDE PERIODIC INSPECTION AND MAINTENANCE OF FENCE.
3. FENCE SHALL BE HIGH DENSITY ORANGE POLYETHYLENE SAFETY FENCE AS MANUFACTURED BY EROSION RUNNER® OR APPROVED EQUAL.

| | | | |
|--|---|---|---|
| VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS | CONSTRUCTION FENCE | 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 SUBMITTED TO SCALE DATE: 03/13/2014 |
| PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER | DESIGNED BY: ARG, PE DRAWN BY: ARG, PE | CHECKED BY: ARG, PE VILL. Construction Permitting | SD-1B |



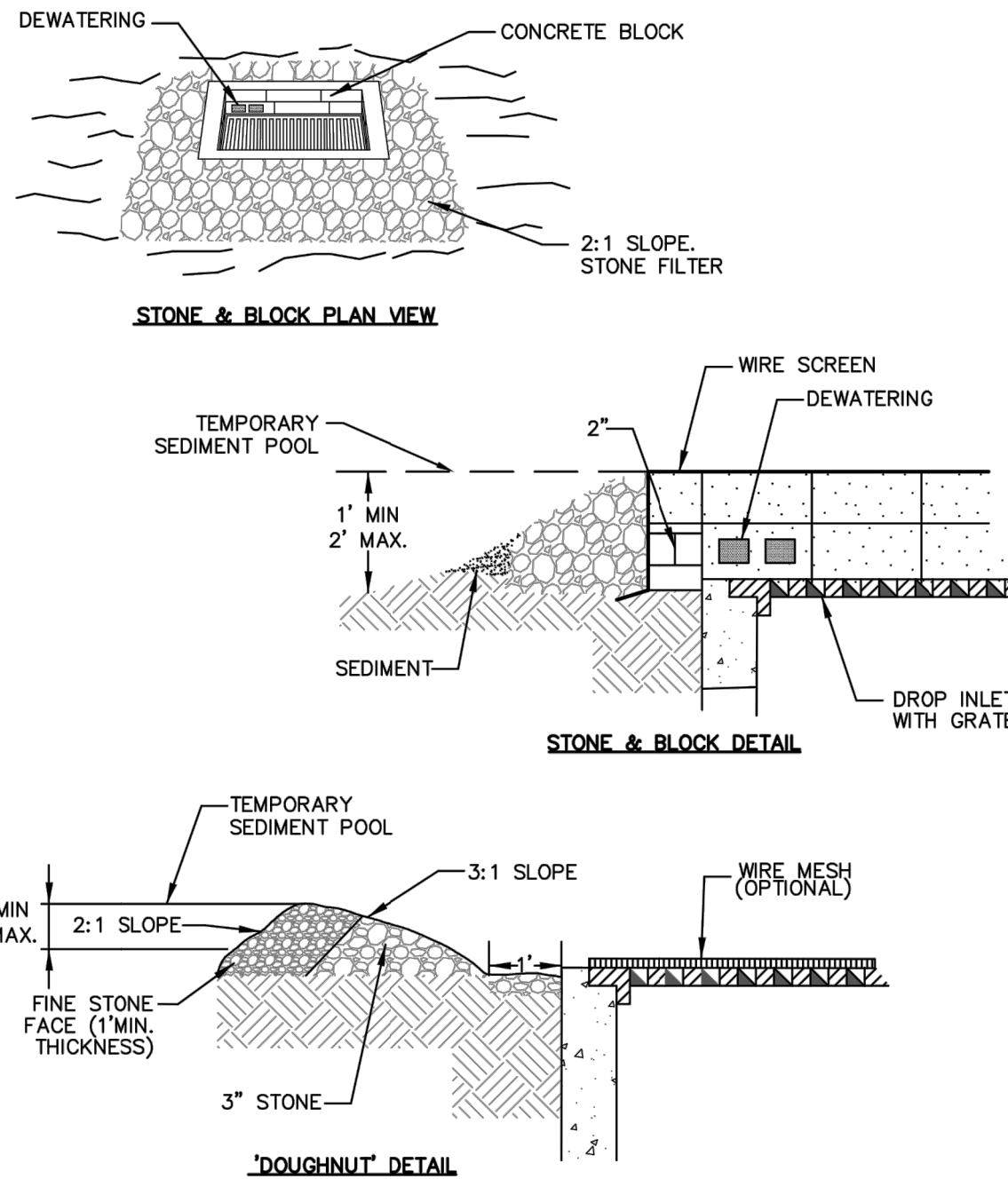
CONSTRUCTION SPECIFICATIONS:

1. USE 2" DIAMETER STONE OR RECLAIMED/RECYCLED CONCRETE EQUIVALENT.
2. RECOMMENDED LENGTH GREATER THAN 50 FEET WHERE PRACTICAL.
3. THICKNESS NOT LESS THAN 6 INCHES.
4. 10 FOOT MINIMUM WIDTH, BUT NOT LESS THAN FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCUR.
5. FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

CONSTRUCTION SPECIFICATIONS:

6. ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WILL BE PERMITTED.
7. ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED BY THE CONTRACTOR.
9. REMOVE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO PLACEMENT OF BITUMINOUS CONCRETE PAVEMENT.

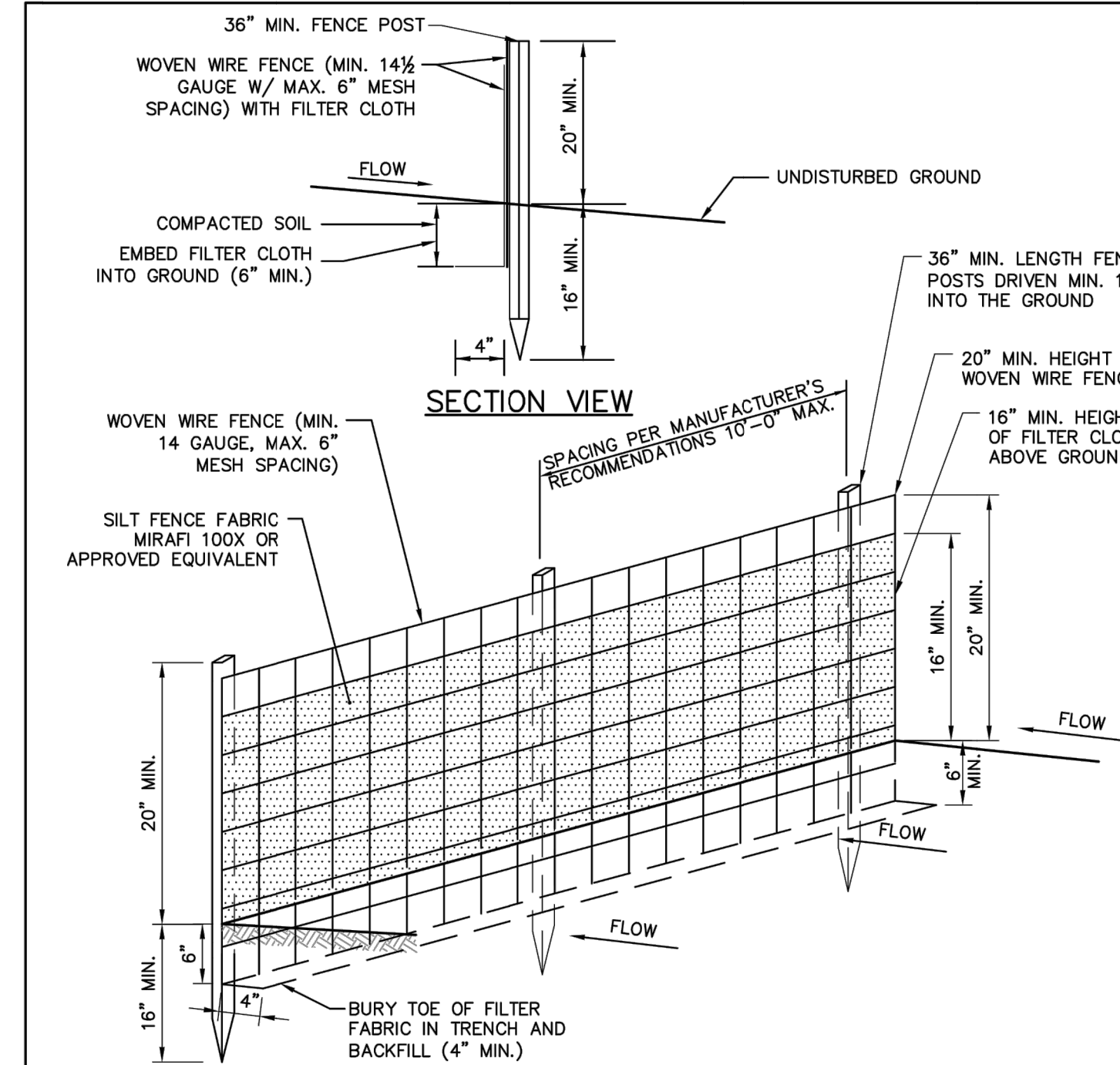
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|--|---|---|---|
| VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS | STABILIZED CONSTRUCTION ENTRANCE | VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792 | PROJECT DETAILS SUBMITTED TO SCALE DATE: 03/13/2014 |
| PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER | DESIGNED BY: ARG, PE DRAWN BY: ARG, PE | CHECKED BY: ARG, PE VILL. Stabilized Construction Entry | SD-1C |



NOTES:

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
 2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
 3. USE CLEAN STONE OR GRAVEL 1/2 TO 3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
 4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS.
- MAXIMUM DRAINAGE AREA 1 ACRE

| | | | |
|--|---|---|---|
| VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS | STONE AND BLOCK DRAIN INLET PROTECTION | 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 SUBMITTED TO SCALE DATE: 03/13/2014 |
| PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER | DESIGNED BY: ARG, PE DRAWN BY: ARG, PE | CHECKED BY: ARG, PE VILL. Stone & Block Drain Protection | SD-1G |



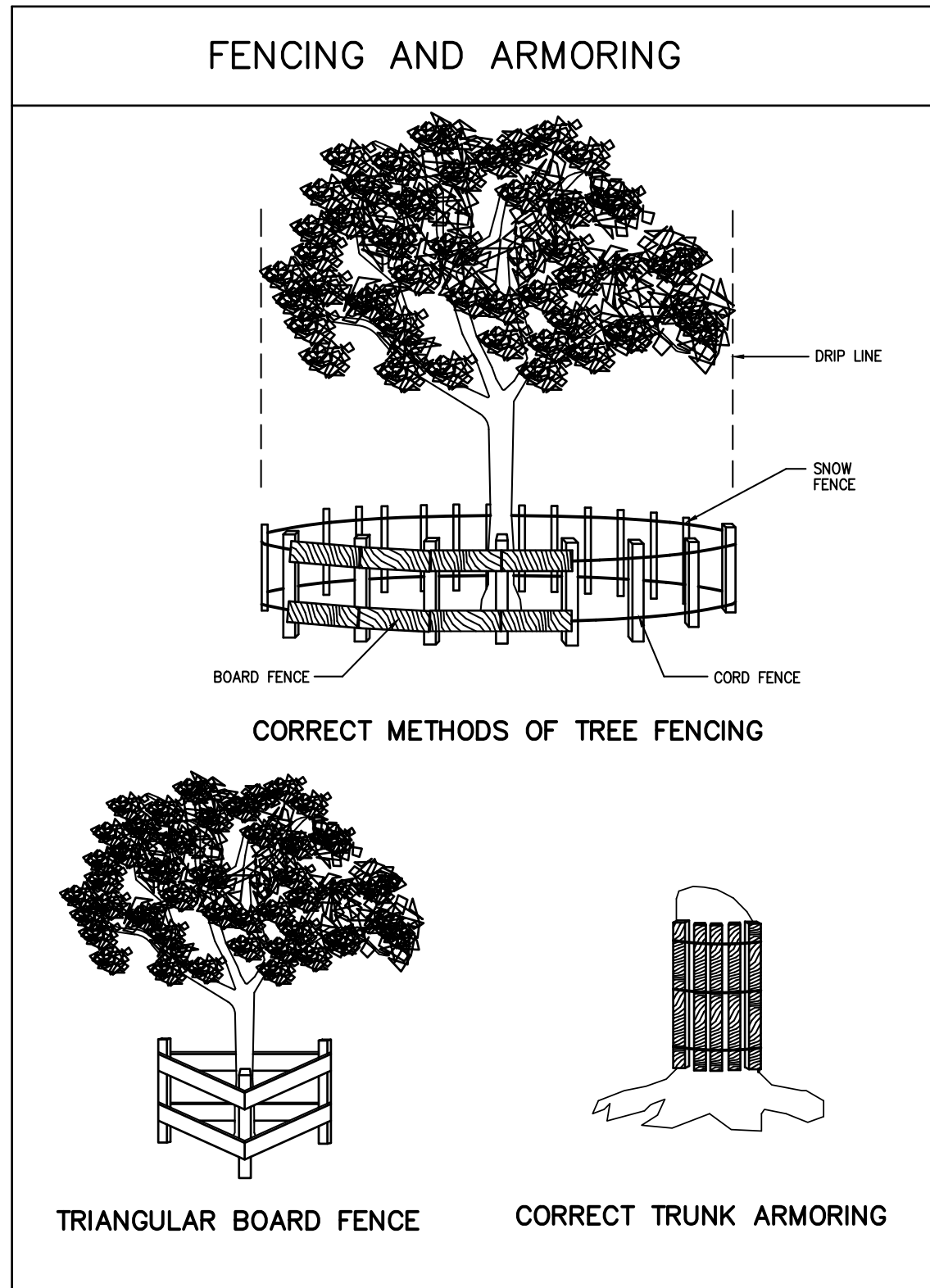
NOTES:

1. WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL, EITHER "T" OR "U" TYPE OR HARWOOD.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 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, MIRAFI 100X, STABLIKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOTAB, ENVROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
6. INSTALL FABRIC ON UPHILL SIDE OF SUPPORT POSTS.
7. SILT FENCE SHALL NOT BE USED IN DRAINAGEWAYS.

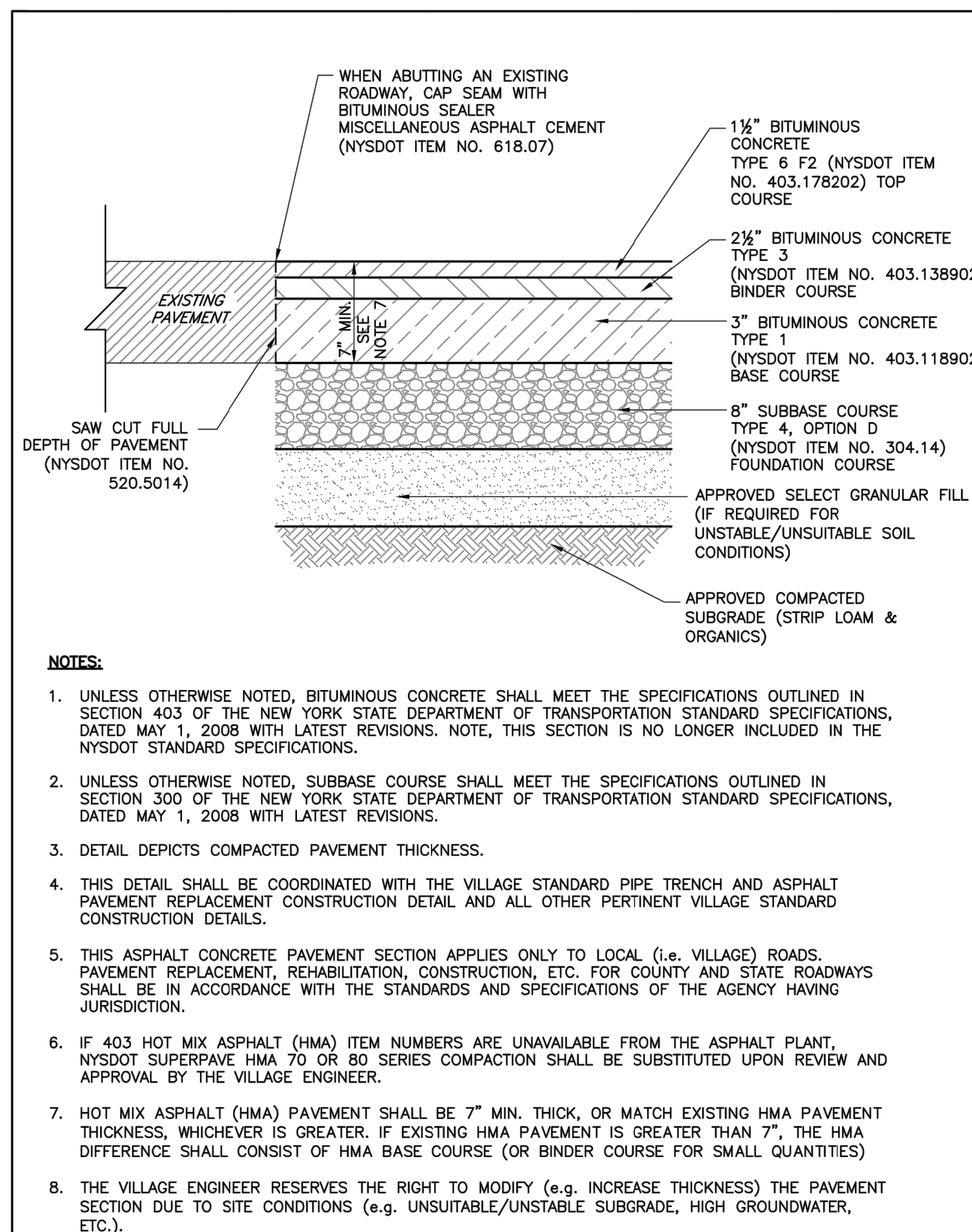
| | | | |
|--|---|---|---|
| VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS | SILT FENCE | VILLAGE OF MAMARONECK VILLAGE MUNICIPAL BUILDING 169 MT. PLEASANT AVENUE (3RD FLOOR) WESTCHESTER COUNTY VILLAGE OF MAMARONECK, NY 10543 PHONE: (914) 777-7731 FAX: (914) 777-7792 | PROJECT DETAILS SUBMITTED TO SCALE DATE: 03/13/2014 |
| PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER | DESIGNED BY: ARG, PE DRAWN BY: ARG, PE | CHECKED BY: ARG, PE VILL. Silt Fencing | SD-1A |

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 -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 INFILTRATION 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. |
| RAIN GARDENS | UPON COMPLETION OF CONSTRUCTION: -ROUTINELY AS A COMPONENT OF THE PROPOSED LANDSCAPING | ROUTINE MAINTENANCE MAY INCLUDE THE OCCASIONAL REPLACEMENT OF PLANTS, MULCHING, WEEDING AND THINNING TO MAINTAIN THE DESIRED APPEARANCE. SPECIFIC ATTENTION SHOULD BE PAID TO THE FOLLOWING: - WEEDING AND WATERING ARE ESSENTIAL THE FIRST YEAR, AND CAN BE MINIMIZED WITH THE USE OF A WEED-FREE MULCH LAYER. - KEEP PLANTS PRUNED, CUT OFF OLD FLOWER HEADS AFTER A PLANT IS DONE BLOOMING. - KEEP THE GARDEN WEDED, ESPECIALLY IN THE FIRST COUPLE OF YEARS WHILE THE NATIVE PLANTS ARE ESTABLISHING THEIR ROOT SYSTEMS. - ONCE THE RAIN GARDEN HAS MATURED, THE GARDEN AREA SHALL BE KEPT FREE OF BARE AREAS EXCEPT WHERE STEPPING STONES ARE LOCATED. - INSPECT FOR SEDIMENT ACCUMULATIONS OR HEAVY ORGANIC MATTER WHERE RUNOFF ENTERS THE GARDEN AND REMOVE AS NECESSARY. - THE TOP FEW INCHES OF PLANTING SOIL SHOULD BE REMOVED AND REPLACED WHEN WATER PONDS FOR MORE THAN 48 HOURS. - IF THE GARDEN OVERFLOW DEVICE IS AN EARTHEN BERM OR LIP, CHECK FOR EROSION AND REPAIR AS SOON AS POSSIBLE. IF EROSION CONTINUES, A HARDER ARMORING OF STONE MAY BE NECESSARY. - IF THE GARDEN OVERFLOW DEVICE IS A PIPE OR DRAIN INLET, MAKE SURE THE DEVICE IS FREE OF DEBRIS AND REMAINS UNCLOGGED. - MAKE SURE ALL APPROPRIATE ELEVATIONS HAVE BEEN MAINTAINED, NO SETTLEMENT HAS OCCURRED AND NO LOW SPOTS HAVE BEEN CREATED. |



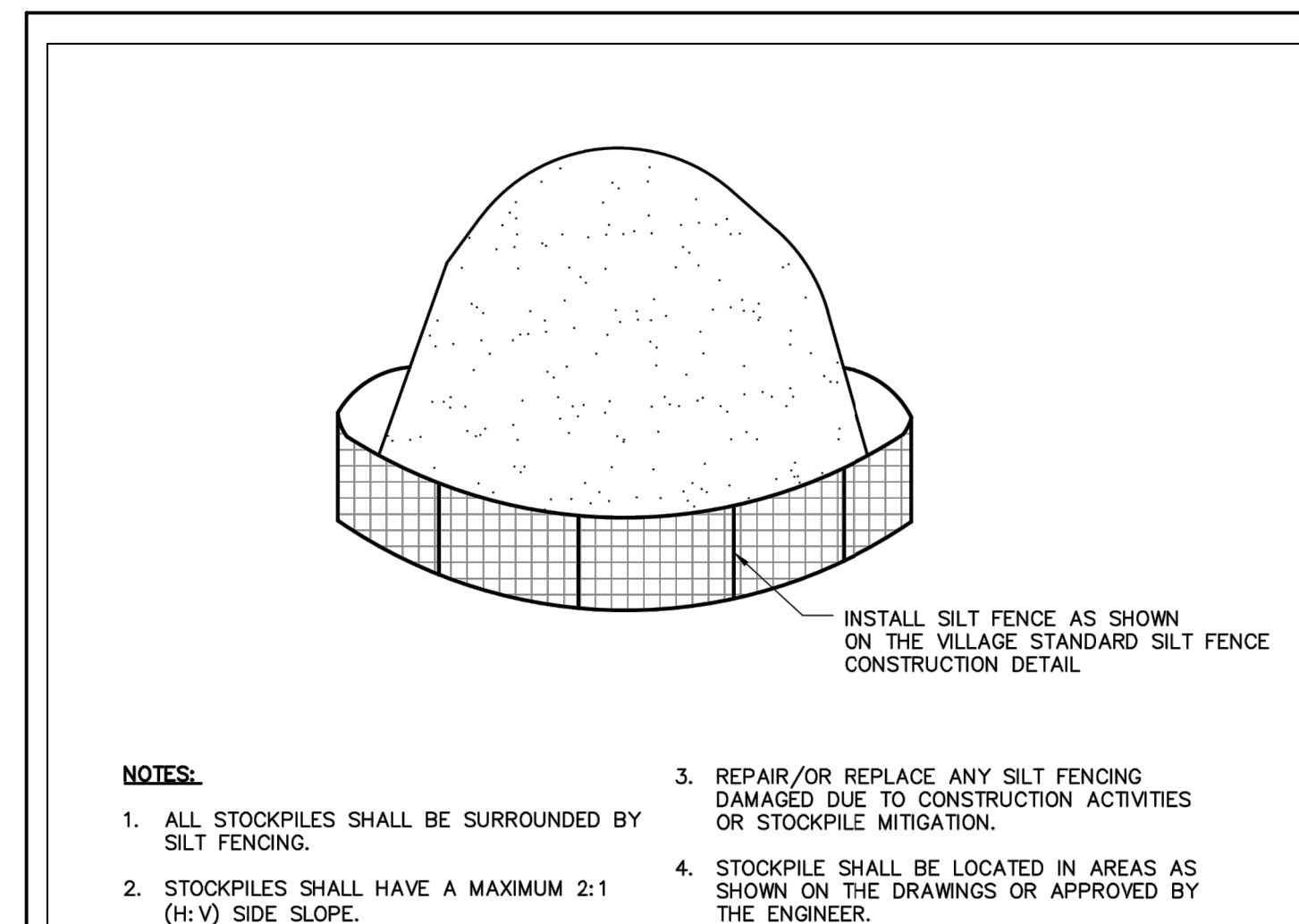
ANY ALTERATIONS OR REVISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A VIOLATION OF THE NYS EDUCATION LAW.



NOTES:

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.
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 CONSTRUCTION DETAILS.
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, ETC.).

| | | | |
|--|--|---|---|
| VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS | ASPHALT CONCRETE PAVEMENT (WITHIN RIGHT-OF-WAY) | 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 SUBMITTED TO SCALE DATE: 03/13/2014 |
| PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER | DESIGNED BY: ARG, PE DRAWN BY: ARG, PE | CHECKED BY: ARG, PE VILL. Bituminous Pavement Section | SD-6A |

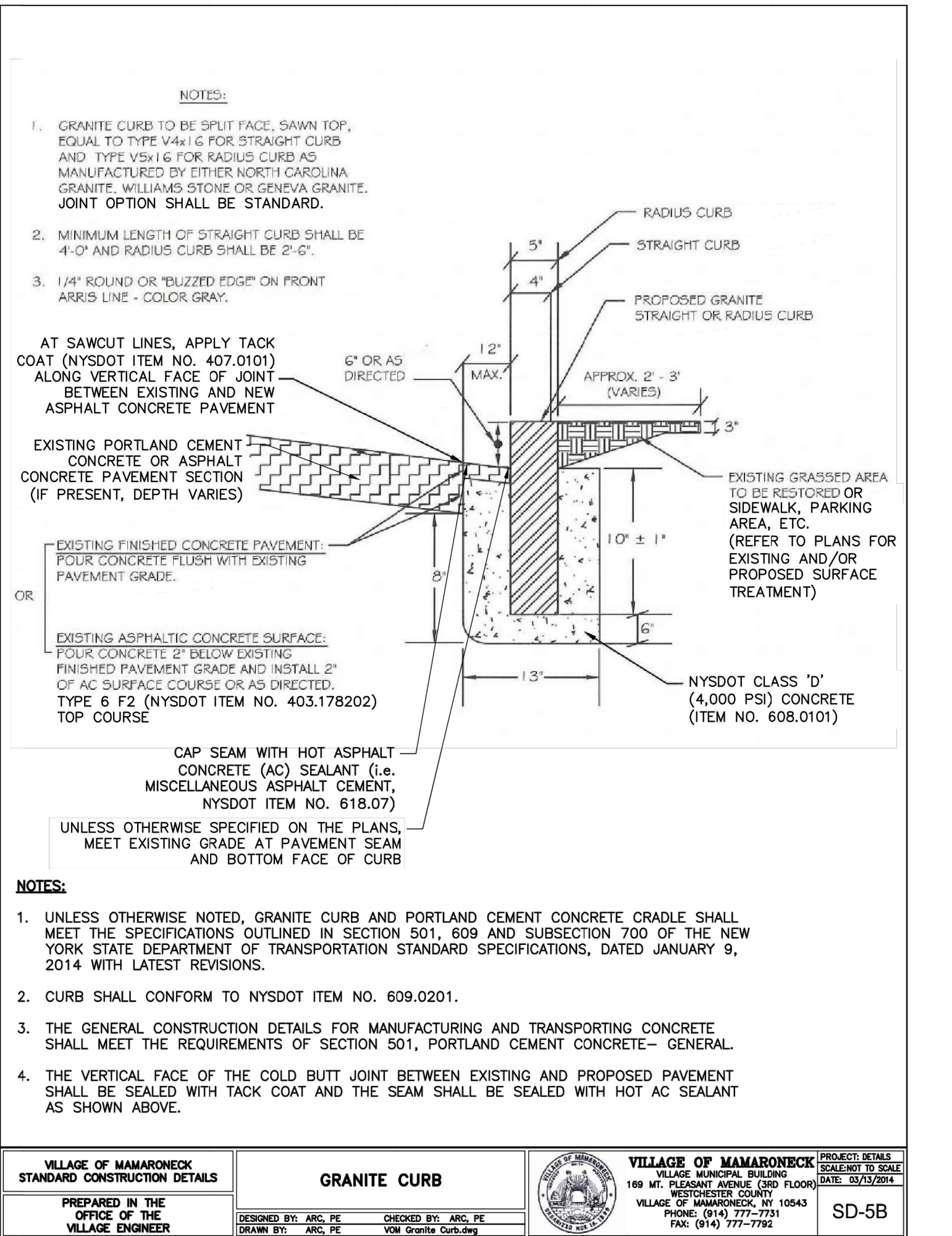
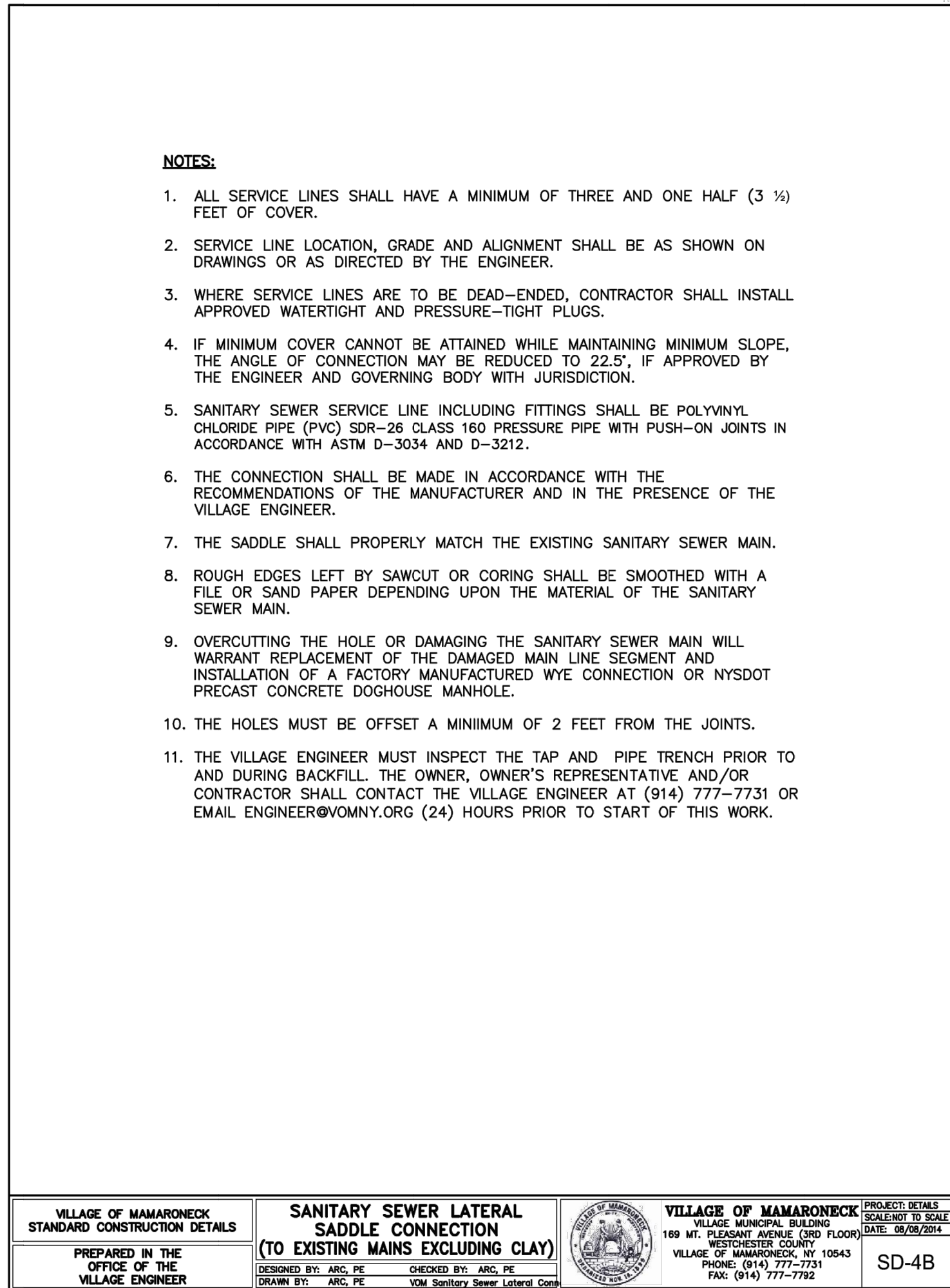
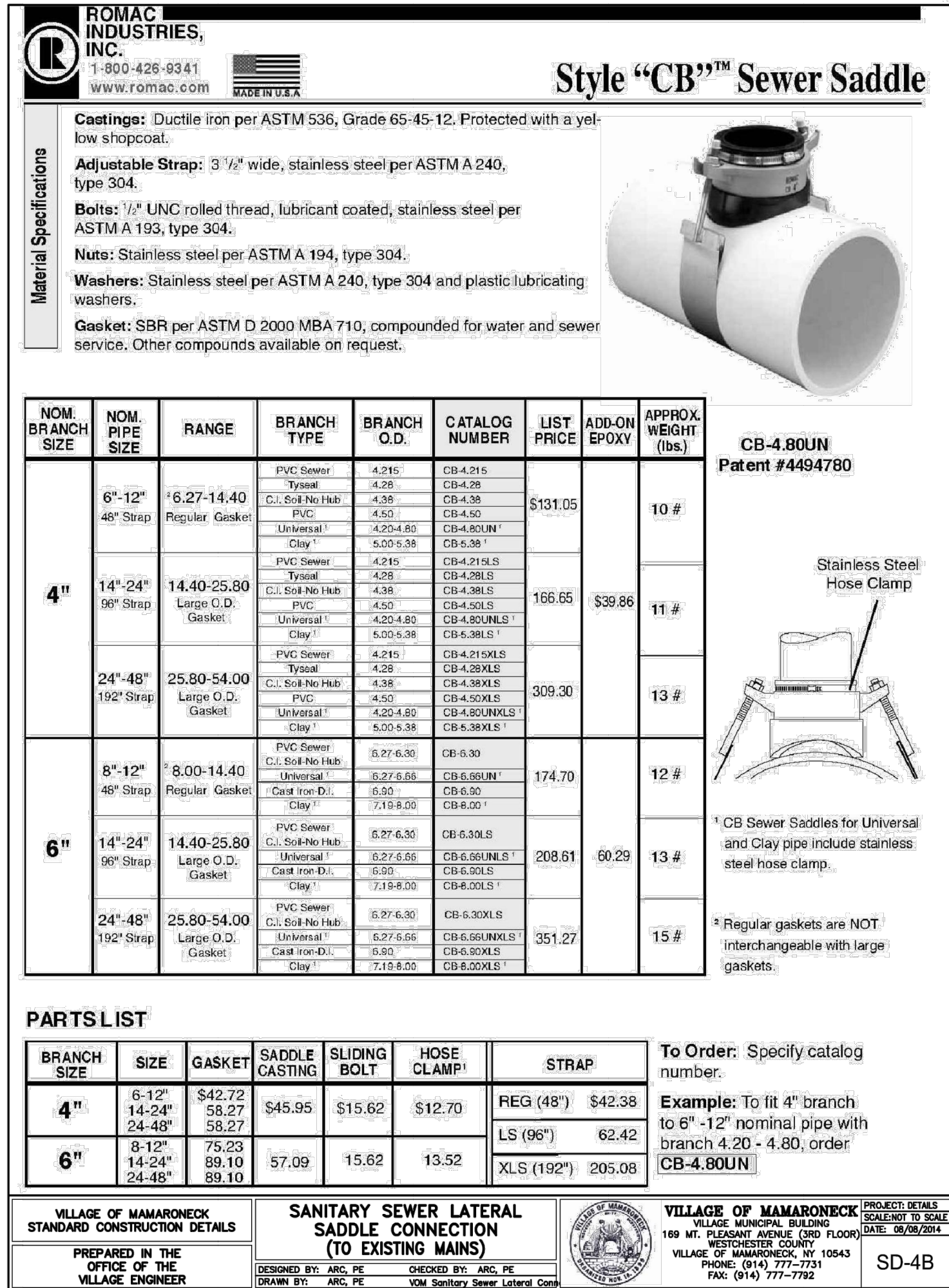
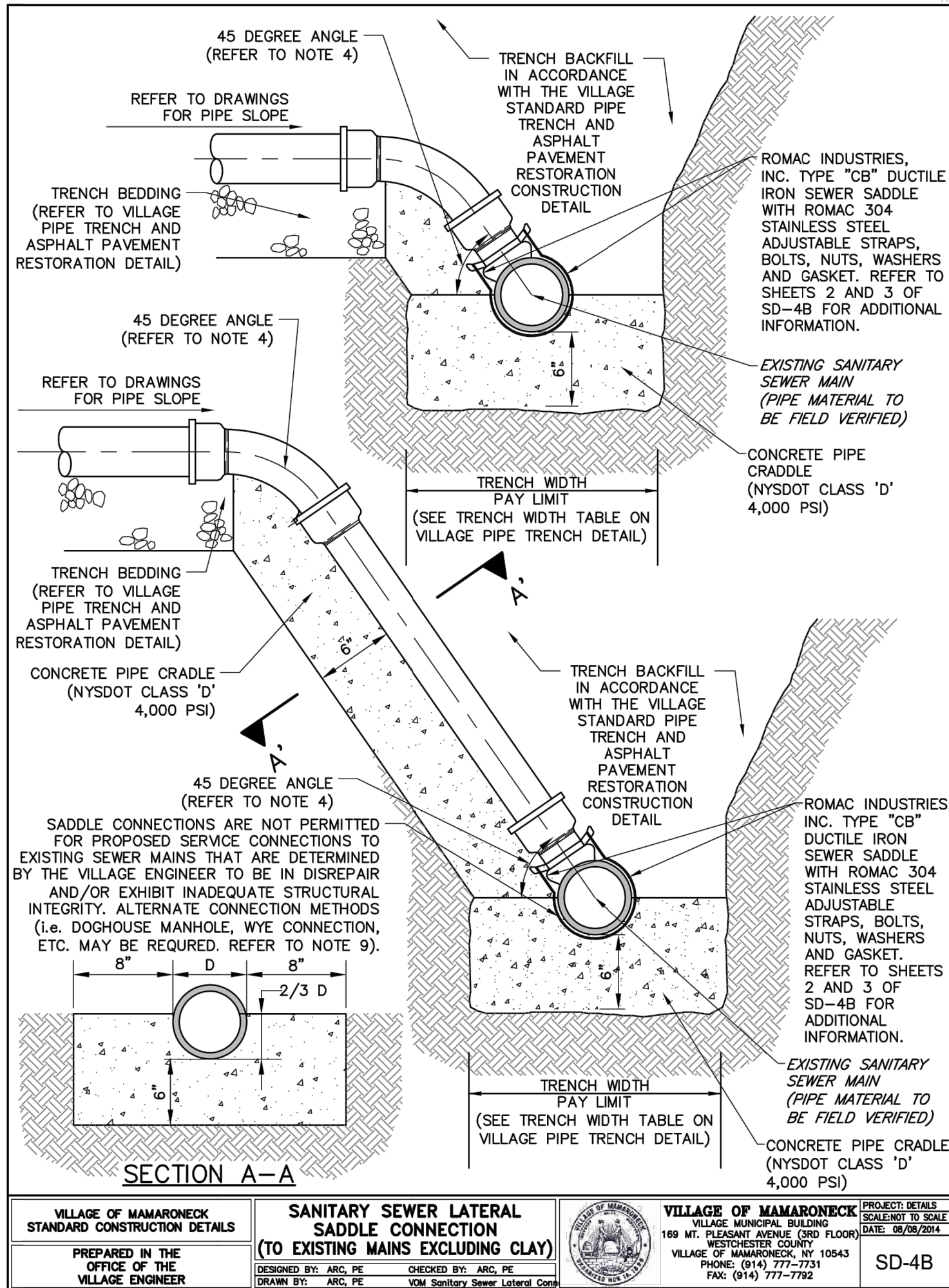


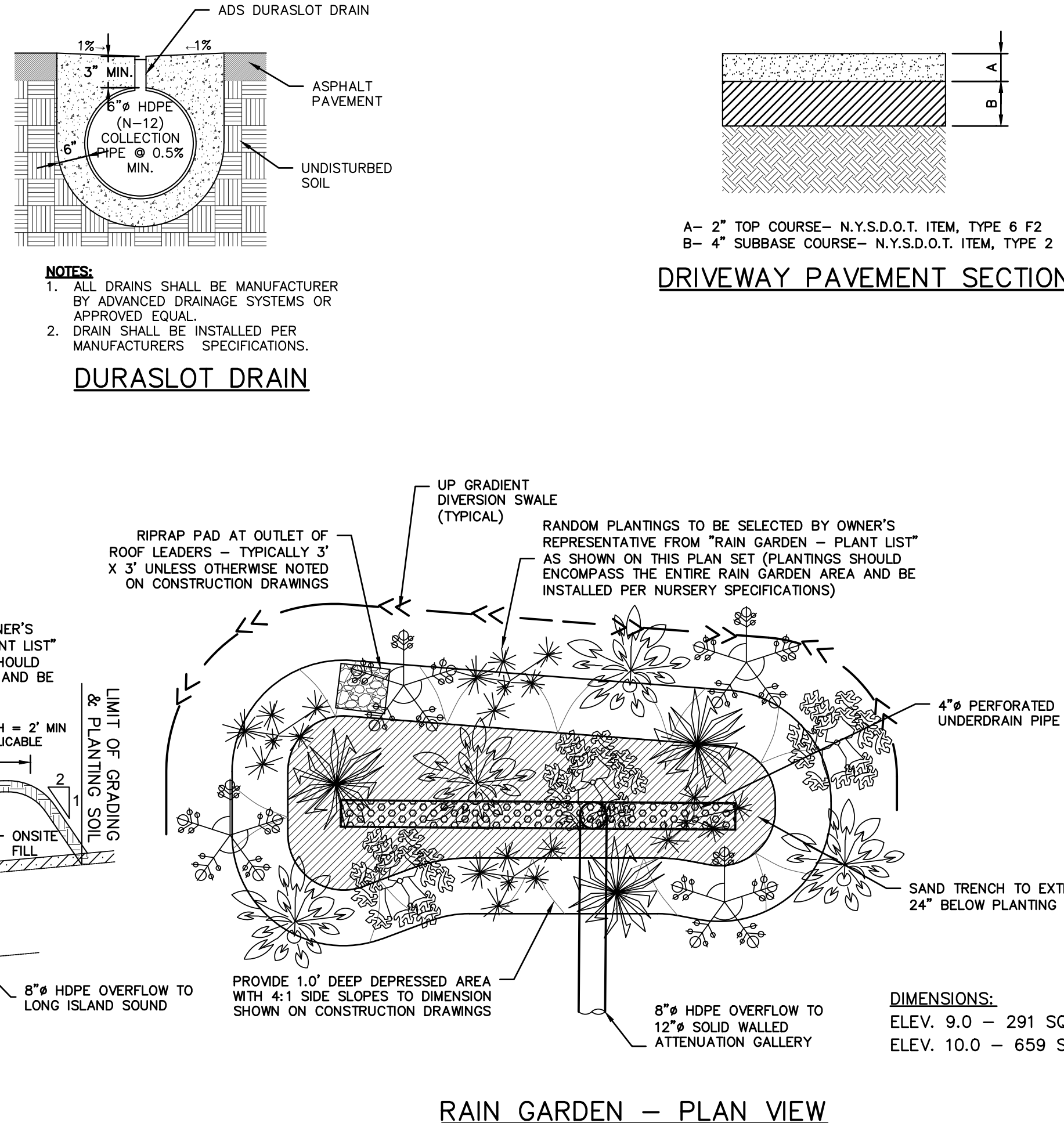
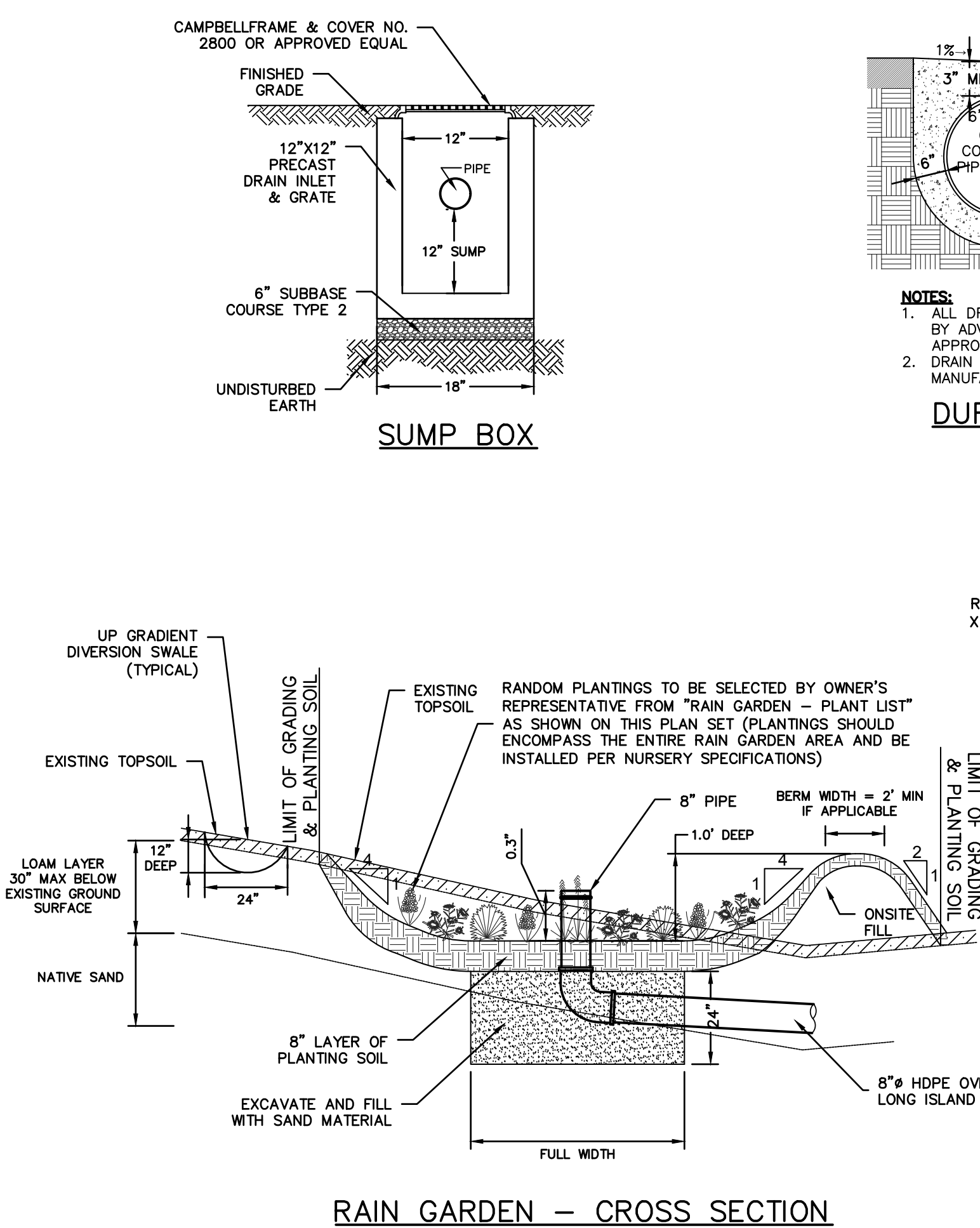
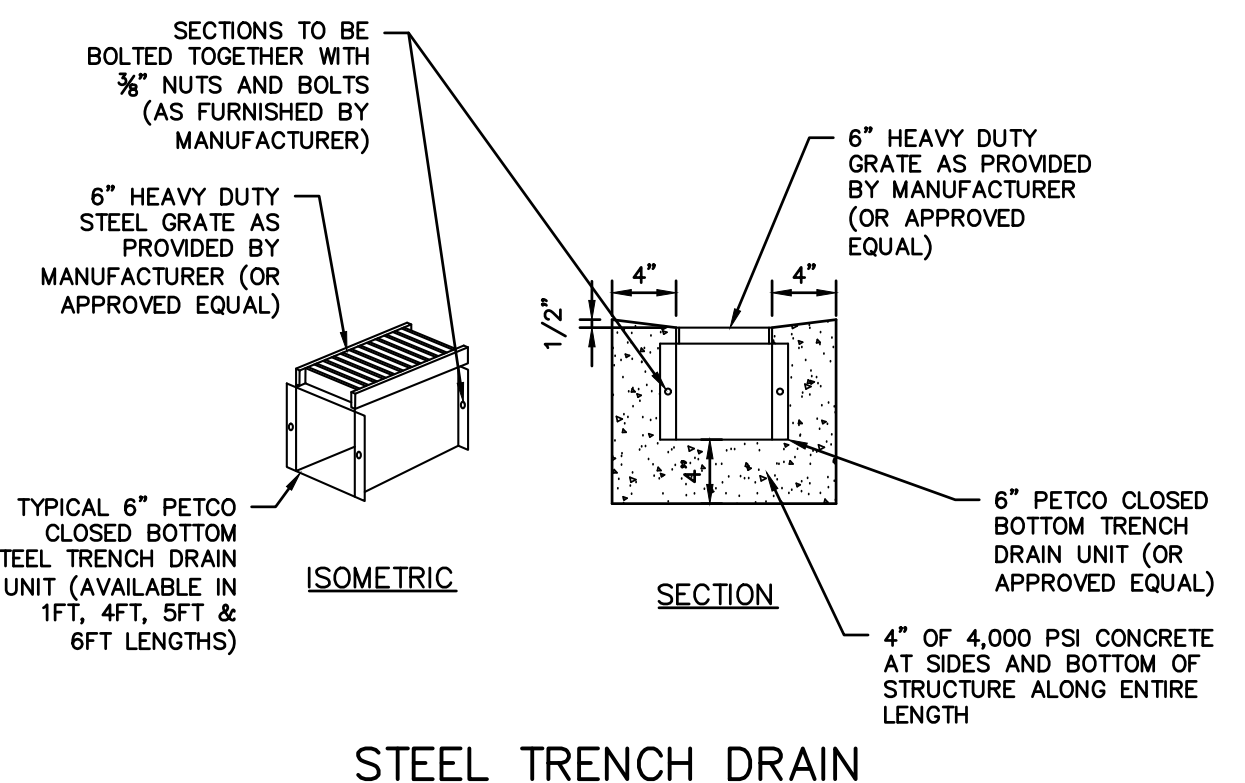
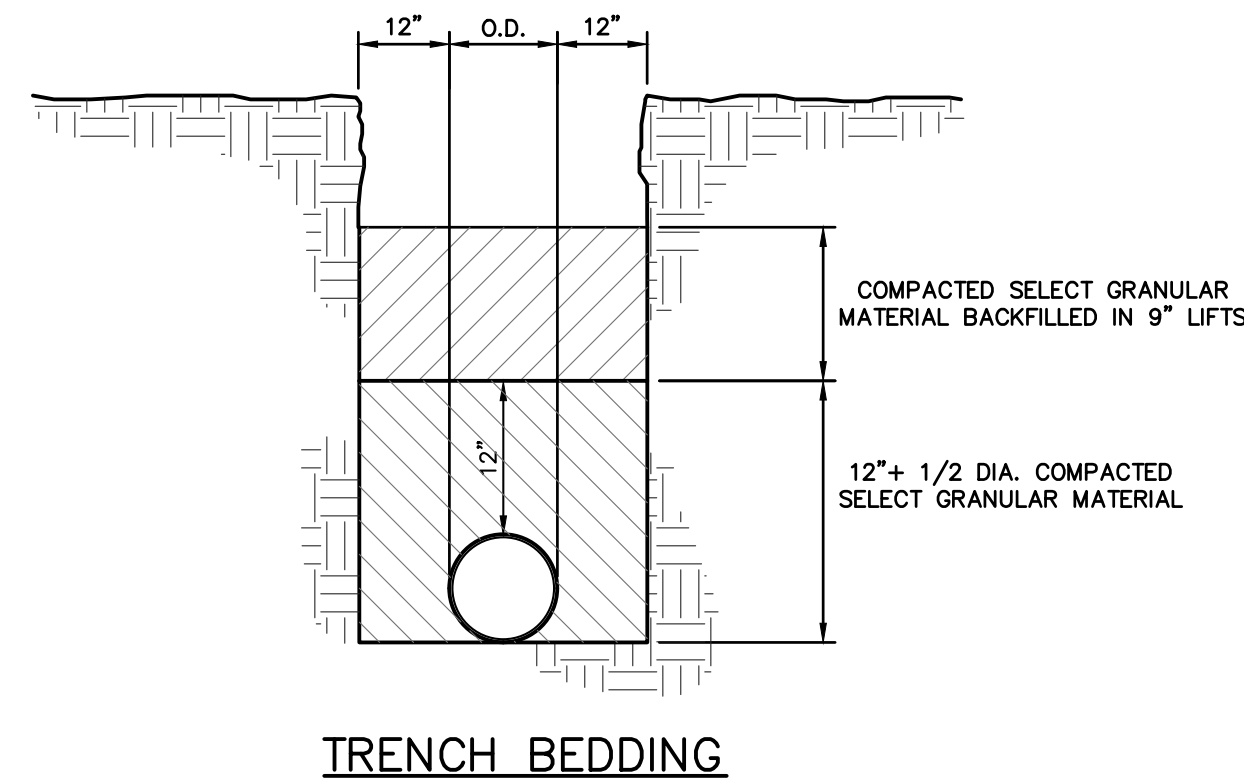
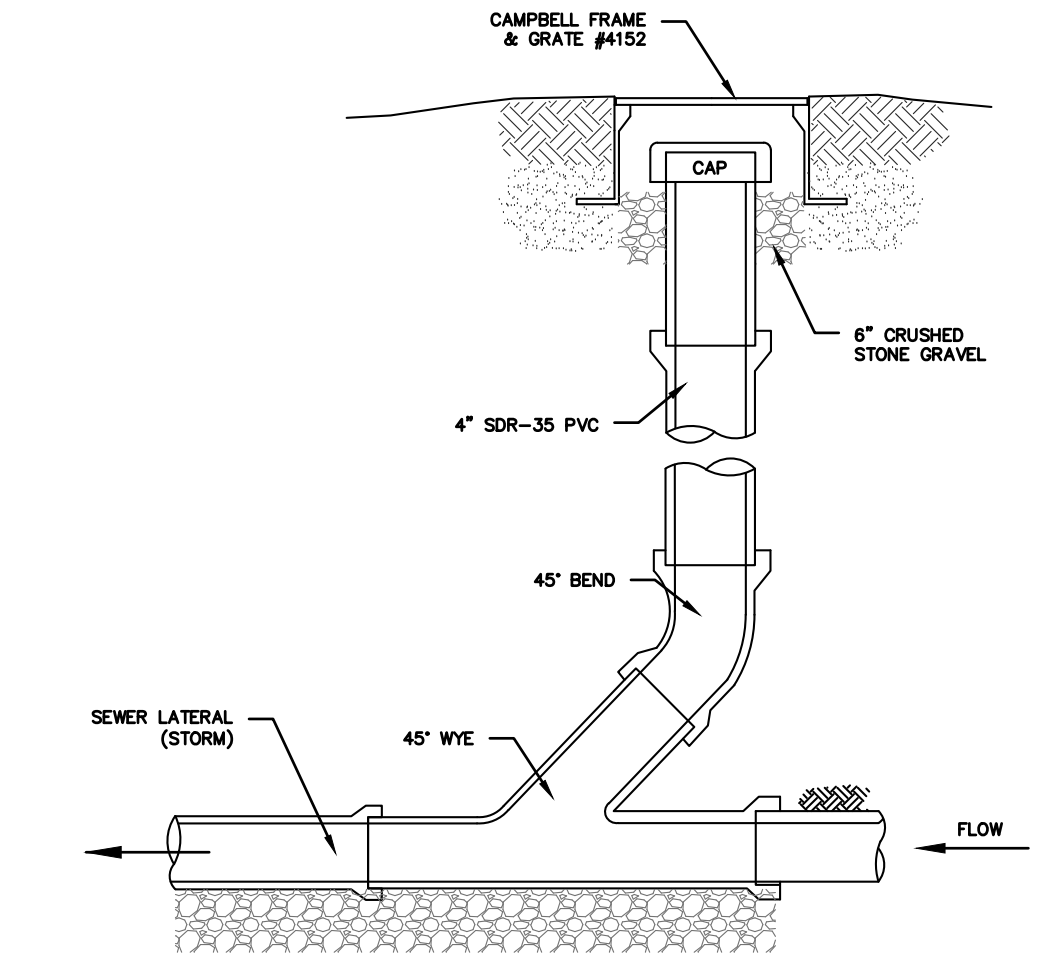
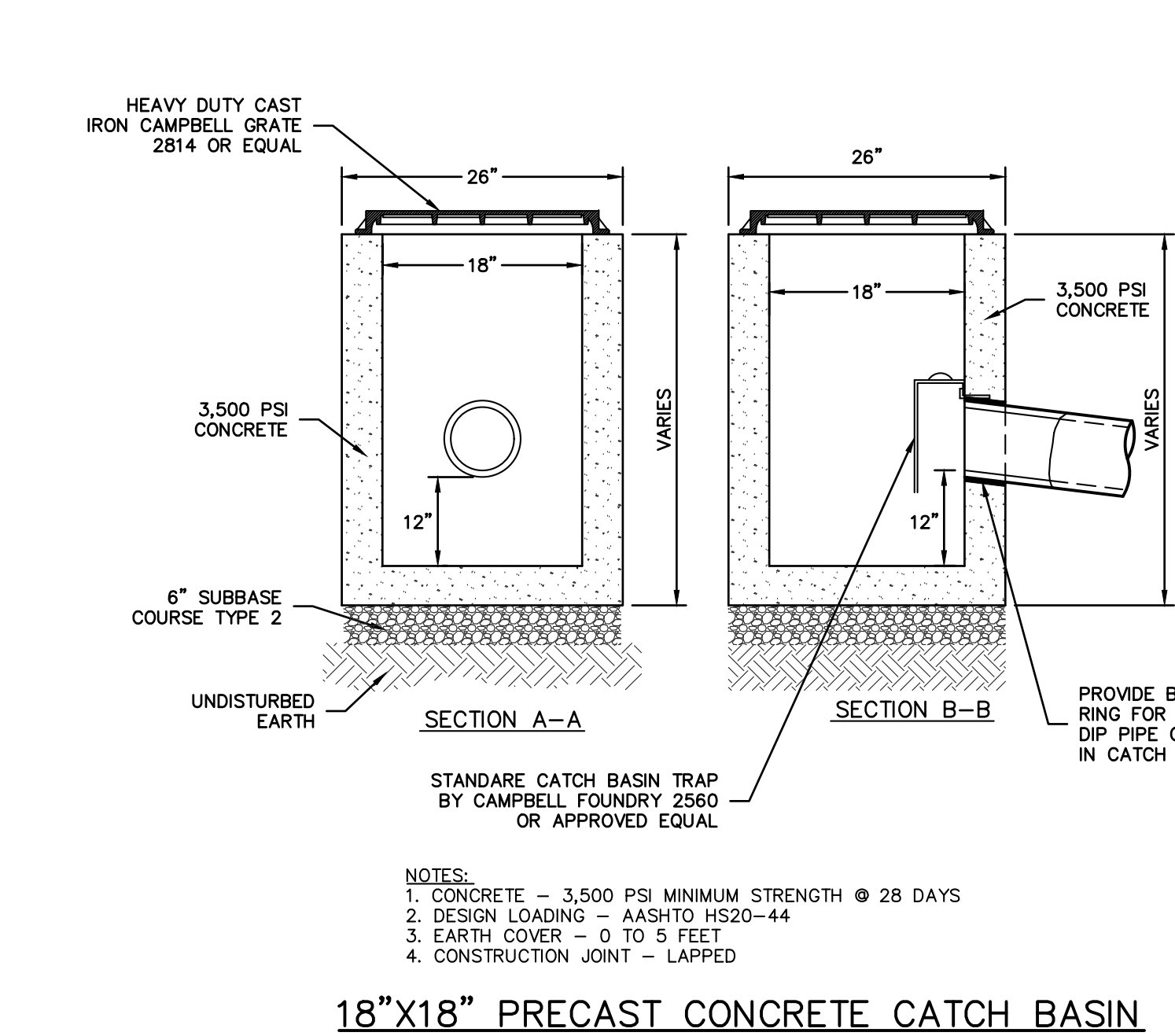
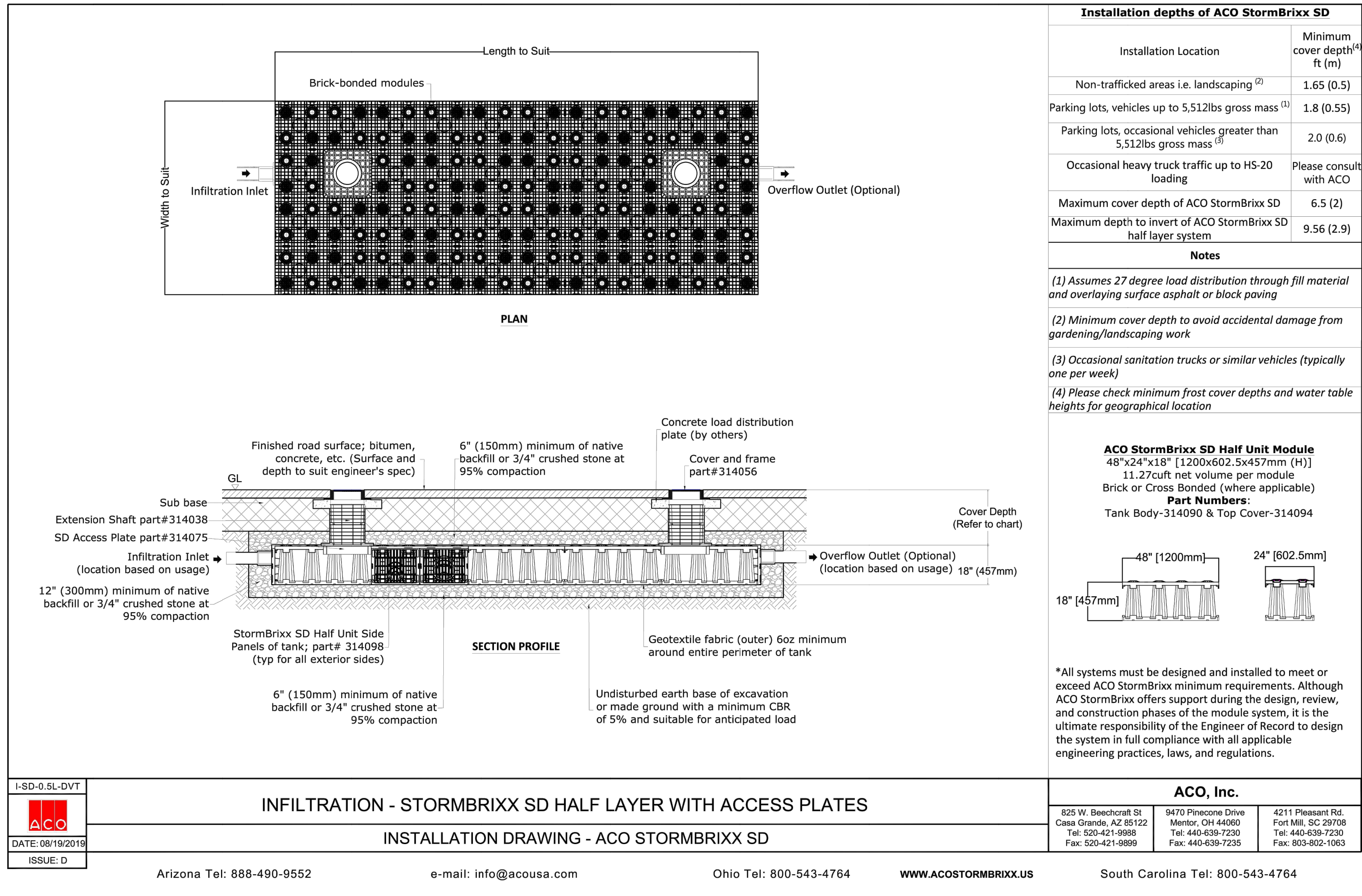
NOTES:

1. ALL STOCKPILES SHALL BE SURROUNDED BY SILT FENCING.
2. STOCKPILES SHALL HAVE A MAXIMUM 2:1 (H:V) SIDE SLOPE.
3. REPAIR/OR REPLACE ANY SILT FENCING DAMAGED DUE TO CONSTRUCTION ACTIVITIES OR STOCKPILE MITIGATION.
4. STOCKPILE SHALL BE LOCATED IN AREAS AS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER.

| | | | |
|--|---|---|---|
| VILLAGE OF MAMARONECK STANDARD CONSTRUCTION DETAILS | TEMPORARY SOIL/MATERIAL STOCKPILE AREA | 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 SUBMITTED TO SCALE DATE: 03/13/2014 |
| PREPARED IN THE OFFICE OF THE VILLAGE ENGINEER | DESIGNED BY: ARG, PE DRAWN BY: ARG, PE | CHECKED BY: ARG, PE VILL. Temporary Stockpile Area | SD-1H |

| | | | |
|---|--|--|--|
| PLANNING BOARD SUBMISSION REVISIONS DATE: 08/14/22 BY: [Signature] | PROJECT: PROPOSED SINGLE-FAMILY RESIDENCE 1310 FLAGLER DRIVE VILLAGE OF MAMARONECK WESTCHESTER COUNTY - NEW YORK | DATE: 07/15/22 SHEET: 4 DESIGNED BY: N.T.S. CHECKED BY: S.G. SHEET NO.: M.S. | STATE OF NEW YORK MICHAEL J. STERN LICENSED PROFESSIONAL ENGINEER No. 00857 |
| DETAILS HUDSON ENGINEERING CONSULTING, P.C. 45 Knollwood Road - Suite 201 Elmsford, New York 10523 T: 914-909-0420 F: 914-560-2086 © 2022 | | C-4 | |





| BOTANICAL NAME | COMMON NAME | INUNDATION TOLERANCE |
|-------------------------|---------------------------|--|
| TREES & SHRUBS | | |
| LINDERA BENZOIN | COMMON SPICE BUSH | YES |
| SAMBUCUS CANADENSIS | ELDERBERRY | YES |
| PYRUS ARBUTIFOLIA | RED CHOKER BERRY | YES |
| AMELANCHIER CANADENSIS | SHADOWBUSH / SERVICEBERRY | YES |
| CORNUS AMOMIUM | SILKY DOGWOOD | YES |
| ALNUS RUGOSA | SPECKLED ALDER | YES |
| ROSA PALUSTRIC | SWAMP ROSE | IRREGULAR, SEASONAL |
| ILEX VERTICILLATA | WINTERBERRY | OR REGULARLY SATURATED |
| HERBACEOUS PLANTS | | |
| PELTANDRA VIRGINICA | ARROW ARUM | UP TO 1' |
| SAFFITARIA LATIFOLIA | ARROWHEAD, DUCK POTATO | UP TO 1' |
| ANDROPOGON GERARDI | BIG BLUESTEM | IRREGULAR OR SEASONAL INUNDATION |
| ANDROPOGON GLOMERATUS | BUSHY BEARDGRASS | UP TO 1' |
| LOBELIA CARDINALIS | CARDINAL FLOWER | SOME TOLERATES SATURATION UP TO 100% OF SEASON |
| TYPHIA SP. | CATTAIL | UP TO 1' |
| GLYCERIA STRIATA | FOWL MANNAGRASS | IRREGULAR OR SEASONAL INUNDATION |
| SPARGANIUM EURYCARPUM | GIANT BURREED | REGULAR TO PERMANENTLY INUNDATED UP TO 1' |
| HIBISCUS MOSCHEUTOS | MARSH HIBISCUS | UP TO 3' |
| PONTEDEIRA CORDATA | PICKERELWEED | UP TO 1' |
| AGROSTIS ALBA | REDTOP | UP TO 25% OF THE SEASON |
| LEERSIA ORYZOIDES | RICE CUTGRASS | UP TO 3' |
| CAREX SPP. | SEDGES | UP TO 3' |
| DESCHAMPSIA CAESPITOSA | TUFTED HAIRGRASS | REGULAR TO IRREGULAR INUNDATION |
| SCIRPUS VALIDUS | SOFT-STEM BURRUSH | UP TO 1' |
| POLYGONUM SPP. | SMARTWEED | UP TO 1' |
| JUNJUS EFFUSUS | SOFT RUSH | UP TO 3' |
| PANICUM VIRGATUM | SWITCH GRASS | UP TO 3' |
| ACORUS CALAMUS | SWEET FLAG | UP TO 3' |
| SCIRPUS CYPERINUS | WOOL GRASS | IRREGULARLY TO SEASONALLY INUNDATED |
| ERNST CONSERVATION SEED | ERNST 128 | SEASONALLY FLOODED |

PROJECT: PROPOSED SINGLE-FAMILY RESIDENCE 1310 FLAGLER DRIVE VILLAGE OF MAMARONECK WESTCHESTER COUNTY - NEW YORK

DETAILS

HUDSON ENGINEERING & CONSULTING, P.C.

45 Knollwood Road - Suite 201 Elmsford, New York 10523

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

DATE: 07/15/22 Sheet: 6

Scale: N.T.S.

Designed By: S.G.

Checked By: M.S.

Sheet No. C-6

STATE OF NEW YORK MICHAEL J. STERN LICENSED PROFESSIONAL ENGINEER No. 08067