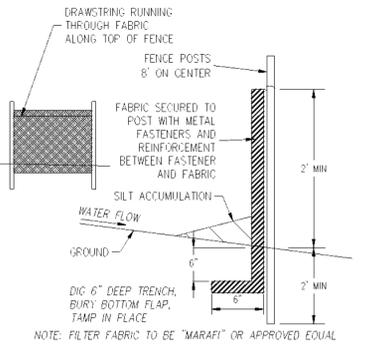


1 TYP. TOPSOIL STOCKPILE DETAIL
SC.01 NTA

STANDARD EROSION CONTROL NOTES

1. AN EROSION CONTROL SYSTEM WILL BE UTILIZED BY THE DEVELOPER TO MINIMIZE THE PRODUCTION OF SEDIMENT FROM THE SITE. METHODS TO BE UTILIZED WILL BE THOSE FOUND MOST EFFECTIVE FOR THE SITE AND SHALL INCLUDE ONE OR MORE OF THE FOLLOWING AS APPLICABLE.
2. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED, AND MAINTAINED IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN AND THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. TEMPORARY SEDIMENTATION ENTRAPMENT AREAS SHALL BE PROVIDED AT THE KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE. THESE MAY BE ENCASED OR MAY BE CREATED UTILIZING RIP-RAP OR CRUSHED STONE DAMS, HAY BALES, OR OTHER SUITABLE MATERIALS. DIVERSION SWALES, BERMS, OR OTHER CHANNELIZATION SHALL BE CONSTRUCTED TO INSURE THAT ALL SILT LADEN WATERS ARE DIRECTED INTO ENTRAPMENT AREAS, WHICH SHALL NOT BE PERMITTED TO FILL IN, BUT SHALL BE CLEANED PERIODICALLY DURING THE COURSE OF CONSTRUCTION. THE COLLECTION OF SILT SHALL BE DEPOSITED IN AREAS SAFE FROM FURTHER EROSION.
4. ALL DISTURBED AREAS, EXCEPT BROADWAYS, WHICH WILL REMAIN UNFINISHED FOR MORE THAN 30 DAYS SHALL BE TEMPORARILY SEEDING WITH 5 LB. OF RYE GRASS OR MULCHED WITH 100 LBS. OF STRAW OR HAY PER 1,000 SF. ROADWAYS SHALL BE STABILIZED AS RAPIDLY AS PRACTICABLE BY THE INSTALLATION OF THE BASE COURSE.
5. SILT THAT LEAVES THE SITE IN SPITE OF THE REQUIRED PRECAUTIONS SHALL BE COLLECTED AND REMOVED AS DIRECTED BY THE APPROPRIATE MUNICIPAL AUTHORITIES.
6. ALL EROSION AND SEDIMENT CONTROL MEASURES, EXCLUDING CATCH-BASIN MEASURES, SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATIONS AND INSTALLATION OF PROPOSED STRUCTURES AND/OR UTILITIES.
7. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND TO STABILIZED.



2 TYP. SEDIMENT FENCE DETAIL
SC.01 NTA

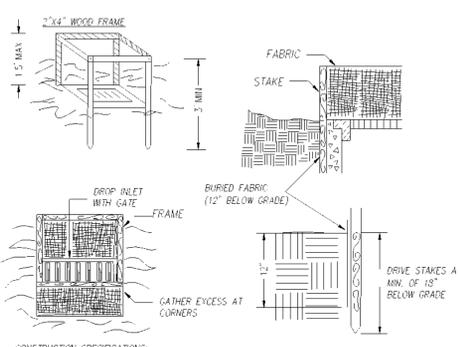
LAND GRADING CONSTRUCTION SPECIFICATIONS

1. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED.
2. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN AND THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS.
3. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.
4. AREAS TO BE FILLED SHALL BE CLEARED, CRIBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
5. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL.
6. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
7. ALL FILLS TO BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
8. EXCEPT FOR APPROVED LANDFILLS, FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOIL, OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
9. FROZEN MATERIALS OR SOFT, MUDDY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS.
10. FILLS SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
11. ALL BERMS SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
12. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
13. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
14. STOCKPILES, BORROW AREAS AND SPILL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF THIS STANDARD AND SPECIFICATION.
15. CONTRACTOR SHALL LIMIT ACCESS OF HIGH-IMPACT EARTH MOVING EQUIPMENT.
16. CONTRACTOR SHALL NOT OVER-EXCAVATE.
17. CONTRACTOR SHALL USE DE-CONTAMINATION PRACTICES TO RESTORE THE SOIL'S ORIGINAL INFILTRATION PRACTICES.
18. THE CONTRACTOR SHALL CONSTRUCT THE STORMWATER BASINS AND OTHER PERMANENT STORMWATER INFRASTRUCTURE PER THE REQUIREMENTS AND RECOMMENDATIONS WITHIN THE NYS DEC STORMWATER DESIGN MANUAL (2015 VERSION).
19. ALL SLOPES CONSTRUCTED WITH FILL MATERIAL SHALL BE TOPSOILED, SEEDING, MULCHED, AND STABILIZED.
20. ANY AREAS CONSIDERED CRITICAL FOR SEEDING AND STABILIZATION SHALL BE PROTECTED USING EROSION CONTROL MATS.

CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT AT SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR INVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

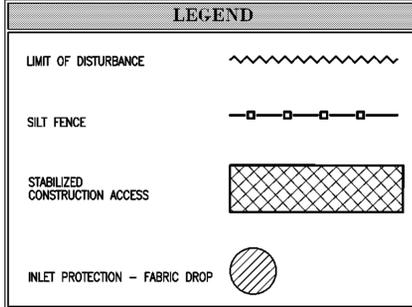
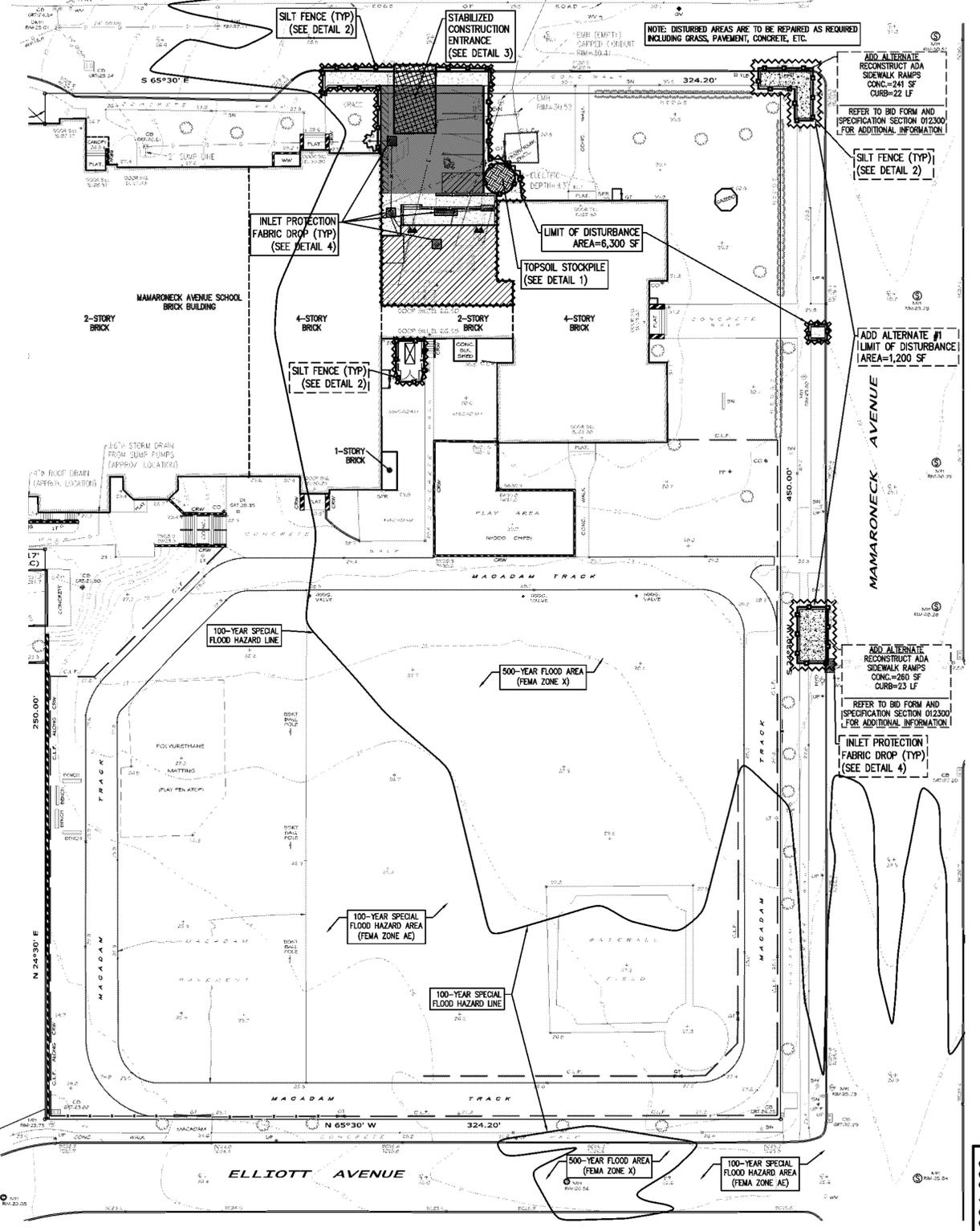
3 TYP. STABILIZED CONSTRUCTION ENTRANCE DETAIL
SC.01 NTA



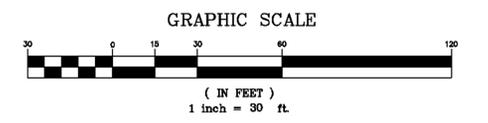
4 TYP. FABRIC DROP INLET PROTECTION DETAIL
SC.01 NTA

SEQUENCE OF CONSTRUCTION

1. AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING TO INCLUDE OWNER, ENGINEER, SCHOOL REPRESENTATIVES & CONTRACTOR.
2. PRIOR TO LAND DISTURBANCE, CONTRACTOR SHALL INSTALL SILT FENCE, INLET PROTECTION AND STABILIZED CONSTRUCTION ENTRANCES (2 WEEKS).
3. DEMOLISH SPECIFIED SITE FEATURES, STRIP STOCKPILE TOPSOIL FROM THE PROPOSED DISTURBED AREA AND DESIGNATED STAGING AREAS (1 WEEK).
4. ROUGH GRADE - SITE AREAS REMAINING UNDISTURBED FOR 14 DAYS SHALL BE TEMPORARILY STABILIZED (2 WEEKS).
5. CONSTRUCT UTILITIES AND BASE COURSE FOR SITE WORK (3 WEEKS).
6. CONSTRUCT BUILDING ADDITIONS AND ASSOCIATED IMPROVEMENTS (6 MONTHS).
7. FINISH GRADE & INSTALL PROPOSED LANDSCAPING (2 WEEKS).
8. FINAL STABILIZATION (TOPSOIL, SEEDING, ETC.) REMOVE ALL TEMPORARY SOIL EROSION & SEDIMENT CONTROL MEASURES (SILT FENCE, INLET PROTECTION, ETC.) AFTER FINAL SITE STABILIZATION IS ACHIEVED (2 WEEKS).
9. TOTAL CONSTRUCTION TIME (9 MONTHS).



SOIL EROSION & SEDIMENT CONTROL PLAN
MAMARONECK AVENUE SCHOOL



Date: 1/10/20
Checked: EB
Drawn: PRE

ERIK E. BOE, P.E.
PROFESSIONAL ENGINEER
License No. 069208

Revisions:
ISSUE TO BE
11/23/20

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW. THESE DOCUMENTS REMAIN THE EXCLUSIVE PROPERTY OF THE ENGINEER AND MAY NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.

LAN ASSOCIATES
engineering • planning • architecture • surveying
282 MAIN STREET, GOSHEN, NEW YORK 10924 (845)815-0350

SOIL EROSION & SEDIMENT CONTROL PLAN
2019 BOND REFERENDUM
MAMARONECK AVENUE ELEMENTARY SCHOOL
MAMARONECK UNION FREE SCHOOL DISTRICT
850 MAMARONECK AVENUE, MAMARONECK, NY 10543

Job No. 4.1092.72.2
File No. 1092.72.02_C1

SC.01

NYSSED PROJECT # 66-07-01-03-0-004-030