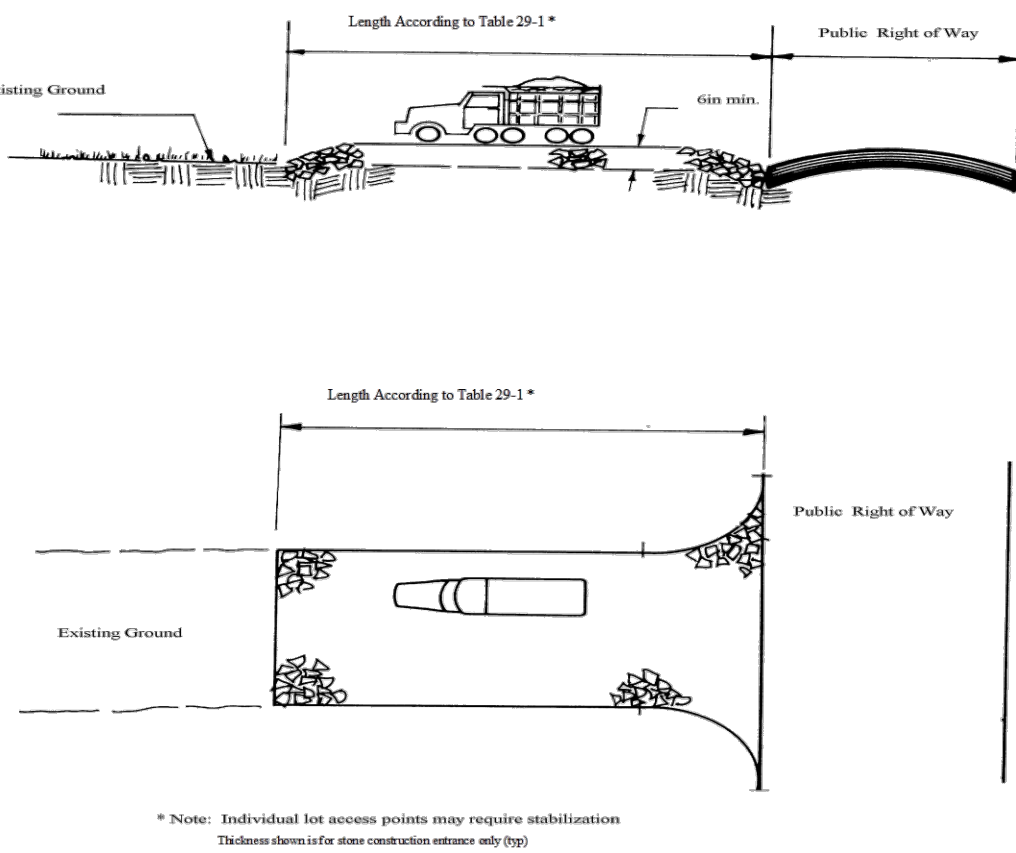
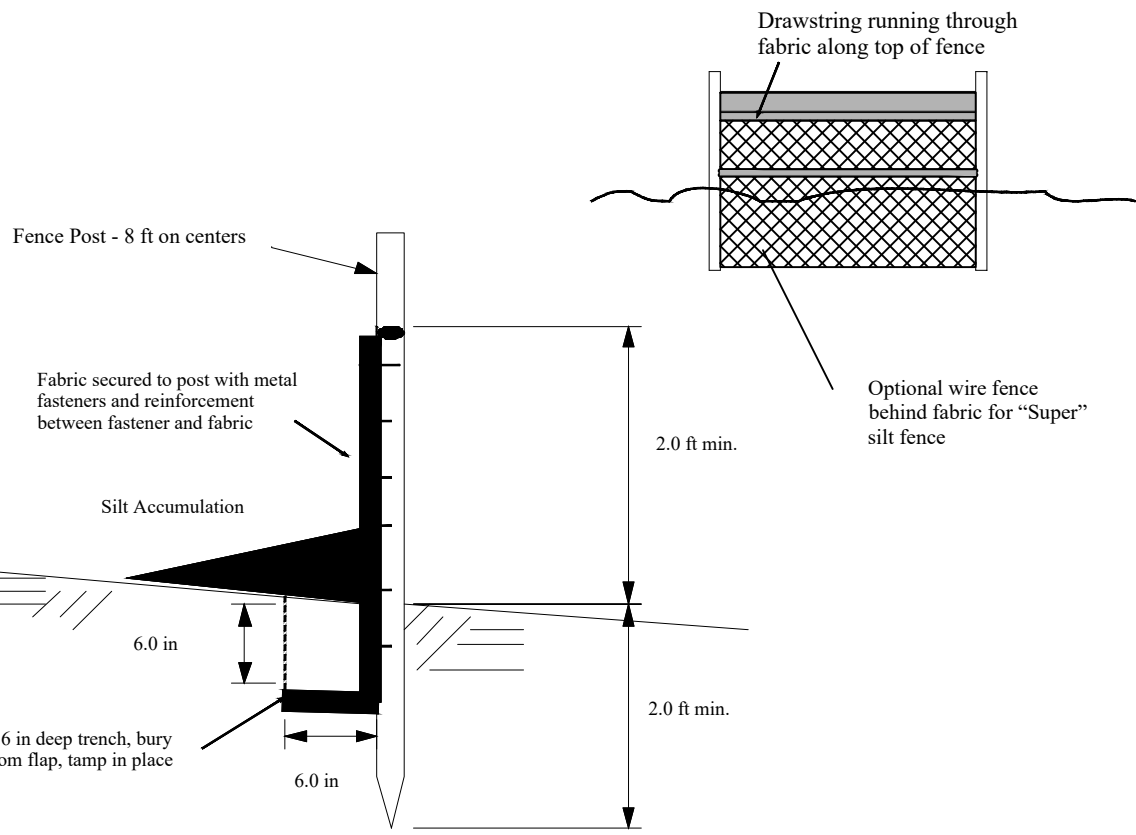


REQUIREMENTS FOR SILT FENCE:

- FENCE POSTS SHALL BE SPACED 8 FEET CENTER-TO-CENTER OR CLOSER. THEY SHALL EXTEND AT LEAST 2 FEET INTO THE GROUND AND EXTEND AT LEAST 2 FEET ABOVE GROUND. POSTS SHALL BE CONSTRUCTED OF HARDWOOD WITH A MINIMUM DIAMETER THICKNESS OF 1 1/2 INCHES.
- "SUPER" SILT FENCE -- A METAL FENCE WITH 6 INCH OR SMALLER MESH OPENINGS AND AT LEAST 2 FEET HIGH MAY BE UTILIZED, FASTENED TO THE FENCE POSTS, TO PROVIDE REINFORCEMENT AND SUPPORT TO THE GEOTEXTILE FABRIC. POSTS MAY BE SPACED LESS THAN 8 FEET ON CENTER AND MAY BE CONSTRUCTED OF HEAVIER WOOD OR METAL AS NEEDED TO WITHSTAND HEAVY SEDIMENT LOADING. THIS PRACTICE IS APPROPRIATE WHERE SPACE FOR OTHER PRACTICES IS LIMITED AND HEAVY SEDIMENT LOADING IS EXPECTED. "SUPER" SILT FENCE IS NOT TO BE USED IN PLACE OF PROPERLY DESIGNED DIVERSIONS (PG. 15-1) WHICH MAY BE NEEDED TO CONTROL SURFACE RUNOFF RATES AND VELOCITIES.
- A GEOTEXTILE FABRIC, RECOMMENDED FOR SUCH USE BY THE MANUFACTURER, SHALL BE BURIED AT LEAST 6 INCHES DEEP IN THE GROUND. THE FABRIC SHALL EXTEND AT LEAST 2 FEET ABOVE THE GROUND. THE FABRIC MUST BE SECURELY FASTENED TO THE POSTS USING A SYSTEM CONSISTING OF METAL FASTENERS (NAILS OR STAPLES) AND A HIGH STRENGTH REINFORCEMENT MATERIAL (NYLON WEBBING, GROMMETS, WASHERS ETC.) PLACED BETWEEN THE FASTENER AND THE GEOTEXTILE FABRIC. THE FASTENING SYSTEM SHALL RESIST TEARING AWAY FROM THE POST. THE FABRIC SHALL INCORPORATE A DRAWSTRING IN THE TOP PORTION OF THE FENCE FOR ADDED STRENGTH.

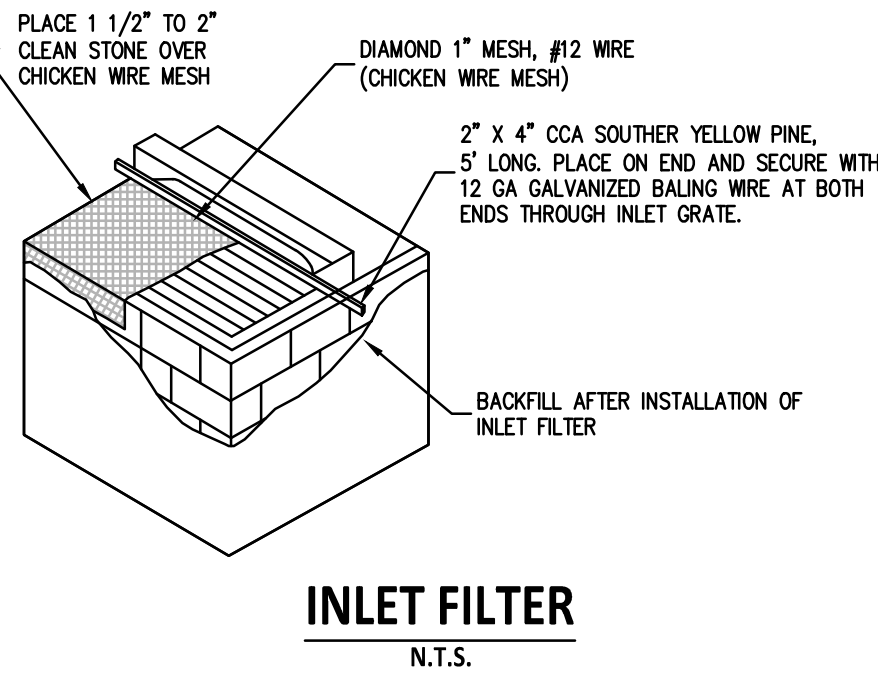
SILT FENCE CONSTRUCTION
& INSTALLATION DETAIL
N.T.S.



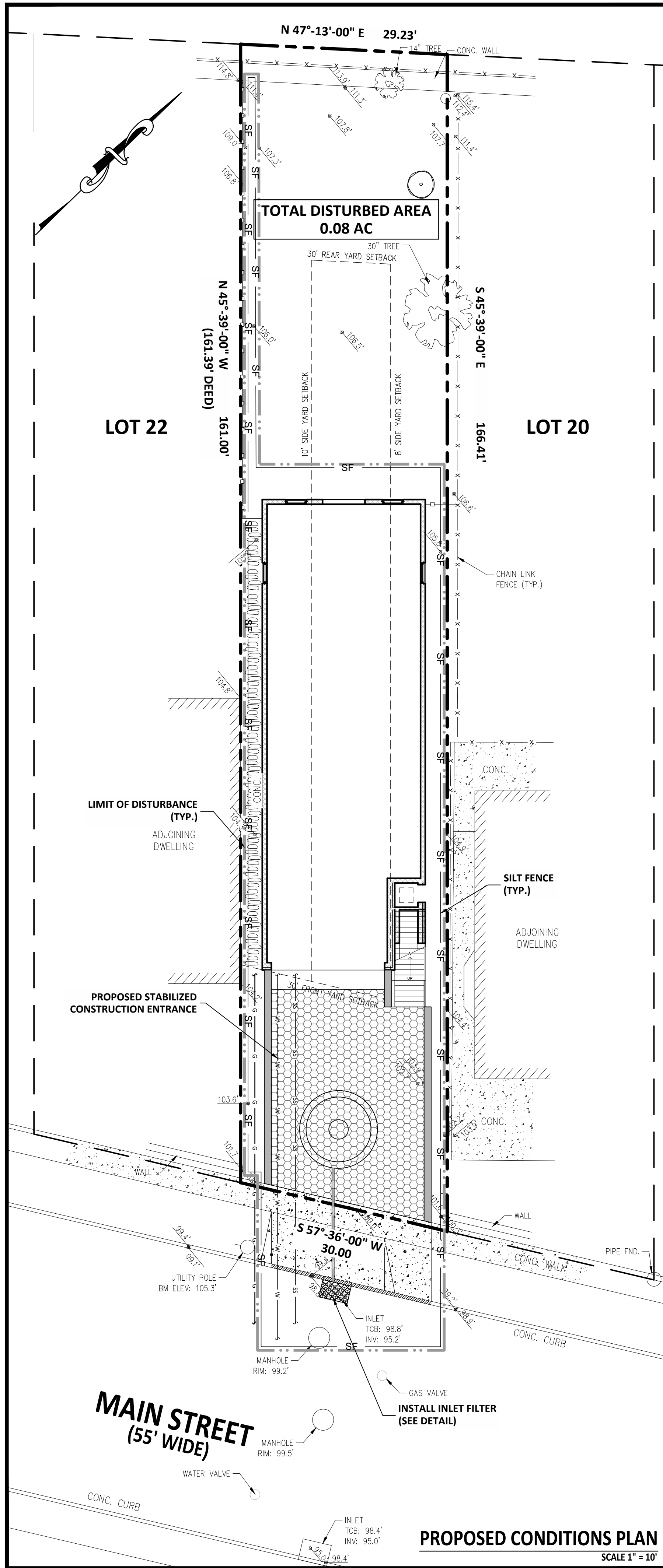
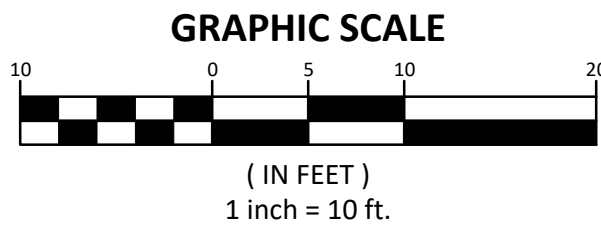
STABILIZE CONSTRUCTION ACCESS
N.T.S.

GENERAL NOTES:

- CONTRACTOR TO CLEAN INLET FILTER AFTER EVERY STORM.
- FILTER FABRIC, WOOD PIECE OR PVC PIPE TO BE REMOVED AFTER PAVING OR FINAL GRADING AND ESTABLISHMENT OF VEGETATION.



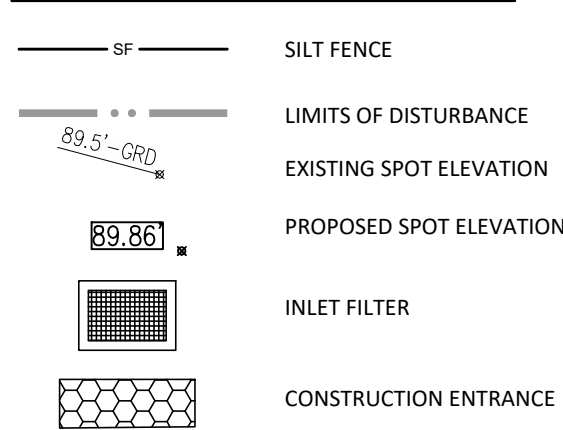
INLET FILTER
N.T.S.



EROSION CONTROL NOTES

- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN WILL BE CONSTRUCTED IN ACCORDANCE WITH THE "NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL" 7TH EDITION LAST REVISED JULY 2017, EFFECTIVE DECEMBER 2017. THESE MEASURES WILL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
- SOIL TO BE EXPOSED OR STOCKPILED FOR A PERIOD OF GREATER THAN 14 DAYS, AND NOT UNDER ACTIVE CONSTRUCTION, MAY BE REQUIRED TO BE TEMPORARILY MULCHED, AND SEEDED OR OTHERWISE PROVIDED WITH VEGETATIVE COVER AS PER APPENDIX A3. THIS TEMPORARY COVER SHALL BE MAINTAINED UNTIL SUCH TIME WHEREBY PERMANENT ESTABLIZATION IS ESTABLISHED.
- SEEDING DATES: THE FOLLOWING SEEDING DATES ARE RECOMMENDED TO BEST ESTABLISH PERMANENT VEGETATIVE COVER WITHIN MOST LOCATIONS IN THE HEPSCD: SPRING - 3/15-5/15 AND FALL - 8/15 - 10/1.
- SEDIMENT FENCES ARE TO BE PROPERLY TRENCHED AND MAINTAINED UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED.
- ALL STORM DRAINAGE INLETS SHALL BE PROTECTED BY ONE OF THE PRACTICES ACCEPTED IN THE STANDARDS, AND PROTECTION SHALL REMAIN UNTIL PERMANENT STABILIZATION HAS BEEN ESTABLISHED. STORM DRAINAGE OUTLET POINTS SHALL BE PROTECTED AS REQUIRED BEFORE THEY BECOME FUNCTIONAL.
- MULCH MATERIALS SHALL BE UN-ROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 70 TO 90 POUNDS PER 1,000 SQUARE FEET AND ANCHORED WITH A MULCH ANCHORING TOOL, LIQUID MULCH BINDERS, OR NETTING TIE DOWN. OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.
- ALL EROSION CONTROL DEVICES SHALL BE PERIODICALLY INSPECTED, MAINTAINED AND CORRECTED BY THE CONTRACTOR. ANY DAMAGE INCURRED BY EROSION SHALL BE RECTIFIED IMMEDIATELY.
- THE HUDSON-ESSEX-PASSAIC SOIL CONSERVATION DISTRICT WILL BE NOTIFIED IN WRITING AT LEAST 48 HOURS PRIOR TO ANY SOIL DISTURBING ACTIVITIES. FAX - (862) 333-4507 OR EMAIL - INFORMATION@HEPSCD.ORG
- THE APPLICANT MUST OBTAIN A DISTRICT ISSUED REPORT-OF-COMPLIANCE PRIOR TO APPLYING FOR THE CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY FROM THE RESPECTIVE MUNICIPALITY, NJ - DCA OR ANY OTHER CONTROLLING AGENCY. CONTACT THE DISTRICT AT 862-333-4505 TO REQUEST A FINAL INSPECTION, GIVING ADVANCED NOTICE UPON COMPLETION OF THE RESTABILIZATION MEASURES. A PERFORMANCE DEPOSIT MAY BE POSTED WITH THE DISTRICT WHEN WINTER WEATHER OR SNOW COVER PROHIBITS THE PROPER APPLICATION OF SEED, MULCH, FERTILIZER OR HYDRO-SEED.
- PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. DO NOT UTILIZE A FIRE OR GARDEN HOSE TO CLEAN ROADS UNLESS THE RUNOFF IS DIRECTED TO A PROPERLY DESIGNED AND FUNCTIONING SEDIMENT BASIN. WATER PUMPED OUT OF THE EXCAVATED AREAS CONTAINS SEDIMENTS THAT MUST BE REMOVED PRIOR TO DISCHARGING TO RECEIVING BODIES OF WATER USING REMOVABLE PUMPING STATIONS, SUMP PITS, PORTABLE SEDIMENTATION TANKS AND/OR SILT CONTROL BAGS.
- ALL SURFACES HAVING LAWN OR LANDSCAPING AS FINAL COVER ARE TO BE PROVIDED TOPSOIL PRIOR TO RE-SEEDING, SODDING OR PLANTING. A DEPTH OF 5.0 INCHES, FIRMED IN PLACE, IS REQUIRED, AS PER THE STANDARDS FOR TOPSOILING AND LAND GRADING, EFFECTIVE DECEMBER 2017.
- ALL PLAN REVISIONS MUST BE SUBMITTED TO THE DISTRICT FOR PROPER REVIEW AND APPROVAL.
- A CRUSHED STONE WHEEL CLEANING TRACKING-PAD IS TO BE INSTALLED AT ALL SITE EXITS USING 2 1/2 "1" CRUSHED ANGULAR STONE (ASTM 2 OR 3) TO A MINIMUM LENGTH OF 50 FEET AND MINIMUM DEPTH OF 6". ALL DRIVEWAYS MUST BE PROVIDED WITH CRUSHED STONE UNTIL PAVING IS COMPLETE.
- STEEP SLOPES INCURRING DISTURBANCE MAY REQUIRE ADDITIONAL STABILIZATION MEASURES. THESE "SPECIAL" MEASURES SHALL BE DESIGNED BY THE APPLICANT'S ENGINEER AND BE APPROVED BY THE SOIL CONSERVATION DISTRICT.
- THE HUDSON-ESSEX-PASSAIC SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED, IN WRITING, FOR THE SALE OF ANY PORTION OF THE PROJECT OR FOR THE SALE OF INDIVIDUAL LOTS. NEW OWNERS INFORMATION SHALL BE PROVIDED. ADDITIONAL MEASURES DEEMED NECESSARY BY DISTRICT OFFICIALS SHALL BE IMPLEMENTED AS CONDITIONS WARRANT.

LEGEND



GENERAL NOTES

- SURVEY OF PROPERTY BY: SCHMIDT SURVEYING DATED NOVEMBER 18, 2021
- THE CONTRACTOR IS ADVISED THAT THE SOIL EROSION AND SEDIMENT CONTROL MEASURES ARE SUBJECT TO HUDSON-ESSEX-PASSAIC COUNTY SOIL CONSERVATION DISTRICT REVIEW AND APPROVAL AND SHALL BE VERIFIED PRIOR TO THE INSTALLATION OF THE SAME.
- SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS DEEMED NECESSARY BY THE ENGINEER AND THE HUDSON-ESSEX-PASSAIC COUNTY SOIL CONSERVATION DISTRICT.

SOIL EROSION & SEDIMENT CONTROL AGENCY
HUDSON-ESSEX-PASSAIC COUNTY SOIL CONSERVATION DISTRICT
80 ORCHARD STREET
BLOOMFIELD, NJ 07003
PHONE (862) 333-4505

THIS PLAN TO BE USED FOR
SOIL EROSION AND SEDIMENT
CONTROL PURPOSES ONLY

SOIL EROSION AND SEDIMENT CONTROL PLAN,
DETAILS & NOTES

NEW TWO FAMILY DWELLING
156 MAIN STREET
BLOCK 89, LOT 21
TOWNSHIP OF WEST ORANGE
ESSEX COUNTY, NEW JERSEY 07052

SANDRA CACERES, P.E.

N.J. PROFESSIONAL ENGINEER, LICENSE NO. 24GE04562600
830 NORTH AVENUE WEST
WESTFIELD, NEW JERSEY 07090
PHONE No. 908 296-3956

DATE: MAY 31, 2023
No.: SC21-06
DRAWN: CDA
SCALE: 1" = 10'
SHEET No.: 3 OF 4

REV.	DATE	DESCRIPTION
1	6/02/23	PER PLANNER'S COMMENT

SEQUENCE CONSTRUCTION FOR FAMILY DWELLINGS

THIS PROJECT CONSIST OF THE CONSTRUCTION OF A TWO FAMILY DWELLING INCLUDING DRIVEWAY, STAIRS AND WALL. THE CONSTRUCTION SHOULD PROCEED IN THE FOLLOWING MANNER:

- INSTALLATION OF ALL SOIL & SEDIMENT CONTROL MEASURES PRIOR TO ANY DISTURBANCE.
- FINE-GRADE SITE AND STABILIZE WITH PERMANENT COVER.
- DWELLING CONSTRUCTION, INCLUDING DRIVEWAY, STAIRS & WALL.
- REMOVAL OF APPROPRIATE TEMPORARY SOIL & SEDIMENT CONTROL DEVICES.

CONSTRUCTION SCHEDULE

- INSTALLATION OF TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSTALLED AT THE INITIATION OF LAND DISTURBANCE ACTIVITIES. ALL TEMPORARY SOIL EROSION MEASURES MUST BE INCLUDED (SILT FENCE ALONG PAVED STREET(S), STONE TRACKING PAD AND INLET PROTECTION).
- CONSTRUCTION OF DWELLING UNIT.
- TOPSOIL (5" MINIMUM DEPTH) AND FINAL GRADING OF LOT.
- PERMANENT STABILIZATION OF LOT.

STABILIZATION NOTES (RATES PER 1,000 SF)

- PREPARE SEEDBED. ALL DEBRIS MUST BE REMOVED FROM TOPSOIL (5" MINIMUM DEPTH) BEFORE WORK IS PERFORMED.
- APPLY NINETY (90) POUNDS GROUND LIMESTONE (OR AS DETERMINED BY A SOIL TEST).
- APPLY ELEVEN (11) POUNDS 10-10-10 FERTILIZER (OR AS DETERMINED BY A SOIL TEST).
- APPLY SEED USING ONE OF THE SEEDING MIXTURES BELOW. ALL SEED MUST BE INCORPORATED OR RAKED INTO THE SOIL.
- APPLY NINETY (90) POUNDS STRAW MULCH. ALL STRAW MULCH MUST BE PROPERLY TACKED (ANCHORED).

SEEDING MIXTURES FOR HOME LAWNS

ALL SEED MUST BE INCORPORATED OR RAKED INTO THE SOIL

PLANT SPECIES	SEEDING RATE (POUNDS PER 1,000 SF)
MIX#1 TALL FESCUE (TURF TYPE) PERENNIAL RYEGRASS KENTUCKY BLUEGRASS	6.0 0.5 0.5 TOTAL 7.0 POUNDS PER 1,000 SQUARE FEET
MIX#2 HARD FESCUE (STRONG) CREEPING RED (FESCUE) CHEWING FESCUE PERENNIAL RYEGRASS	3.0 1.0 1.0 2.5 TOTAL 5.25 POUNDS PER 1,000 SQUARE FEET
MIX#3 HARD FESCUE PERENNIAL RYEGRASS KENTUCKY BLUEGRASS	4.0 1.0 1.0 TOTAL 6.0 POUNDS PER 1,000 SQUARE FEET