

**SOIL EROSION AND SEDIMENT CONTROL NOTES**

- The Freehold Soil Conservation District shall be notified forty-eight (48) hours in advance of any soil disturbing activity.
- All Soil Erosion and Sediment Control practices are to be installed prior to soil disturbance, or in their proper sequence, and maintained until permanent protection is established.
- Any changes to the Certified Soil Erosion and Sediment Control Plans will require the submission of revised Soil Erosion and Sediment Control Plans to the District for re-certification. The revised plans must meet all current State Soil Erosion and Sediment Control Standards.
- N.J.S.A. 4:24-39 et. Seq. requires that no Certificates of Occupancy be issued before the District determines that a project or portion thereof is in full compliance with the Certified Plan and Standards for Soil Erosion and Sediment Control in New Jersey and a Report of Compliance has been issued. Upon written request from the applicant, the District may issue a Report of Compliance with conditions on a lot-by-lot or section-by-section basis, provided that the project or portion thereof is in satisfactory compliance with the sequence of development and temporary measures for soil erosion and sediment control have been implemented, including provisions for stabilization and site work.
- Any disturbed areas that will be left exposed more than sixty (60) days, and not subject to construction traffic, will immediately receive a temporary seeding. If the season prevents the establishment of temporary cover, the disturbed areas will be mulched with straw, or equivalent material, at a rate of 2 to 2 1/2 tons per acre, according to the Standard for Stabilization with Mulch Only.
- Immediately following initial disturbance or rough grading, all critical areas subject to erosion (i.e. soil stockpiles, steep slopes and roadway embankments) will receive temporary seeding in combination with straw mulch or a suitable equivalent, and a mulch anchor, in accordance with State Standards.
- A sub-base course will be applied immediately following rough grading and installation of improvements to stabilize streets, roads, driveways, and parking areas. In areas where no utilities are present, the sub-base shall be installed within fifteen (15) days of the preliminary grading.
- The Standard for Stabilized Construction Access requires the installation of a pad of clean crushed stone at points where traffic will be accessing the construction site. After interior roadways are paved, individual lots require a stabilized construction access consisting of one inch to two inch (1" - 2") stone for a minimum length of ten feet (10') equal to the lot entrance width. All other access points shall be blocked off.
- All soil washed, dropped, spilled, or tracked outside the limit of disturbance onto public right-of-ways will be removed immediately.
- Permanent vegetation is to be seeded or sodded on all exposed areas within ten (10) days after final grading.
- At the time that site preparation for permanent vegetative stabilization is going to be accomplished, any soil that will not provide a suitable environment to support adequate vegetative ground cover shall be removed or treated in such a way that it will permanently adjust the soil conditions and render it suitable for vegetative ground cover. If the removal or treatment of the soil will not provide suitable conditions, non-vegetative means of permanent ground stabilization will have to be employed.
- In accordance with the Standard for Management of High Acid Producing Soils, any soil having a pH of 4 or less or containing iron sulfides shall be ultimately placed or buried with limestone applied at the rate of 10 tons/acre (or 450 lbs/1,000 sq ft of surface area) and covered with a minimum of 12" of settled soil with a pH of 5 or more, or 24" where trees or shrubs are to be planted.
- Conduit Outlet Protection must be installed at all required outfalls prior to the drainage system becoming operational.
- Unfiltered dewatering is not permitted. Necessary precautions must be taken during all dewatering operations to minimize sediment transfer. Any dewatering methods used must be in accordance with the Standard for Dewatering.
- Should the control of dust at the site be necessary, the site will be sprinkled until the surface is wet, temporary vegetative cover shall be established or mulch shall be applied as required by the Standard for Dust Control.
- Stockpile and staging locations established in the field shall be placed within the limit of disturbance according to the certified plan. Staging and stockpiles not located within the limit of disturbance will require certification of a revised Soil Erosion and Sediment Control Plan. Certification of a new Soil Erosion and Sediment Control Plan may be required for these activities if an area greater than 5,000 square feet is disturbed.
- All soil stockpiles are to be temporarily stabilized in accordance with Soil Erosion and Sediment Control note #6.
- The property owner shall be responsible for any erosion or sedimentation that may occur below stormwater outfalls or offsite as a result of construction of the project.

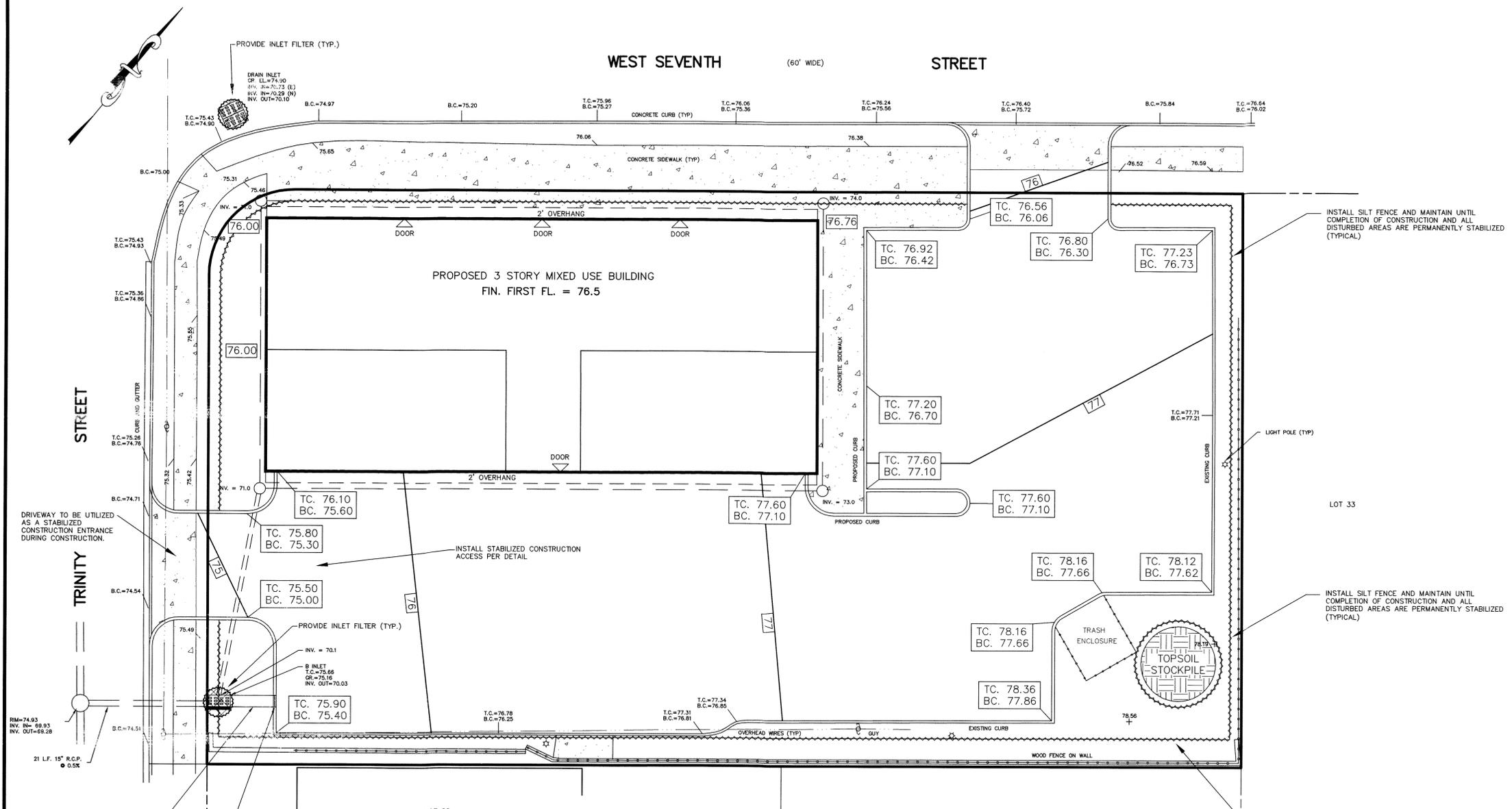
Freehold Soil Conservation District  
4000 Kozloski Road, Freehold, NJ 07728-5033, (732) 683-8506, fax (732) 683-9140, Email: info@freeholdscd.org

**SEQUENCE OF CONSTRUCTION:**

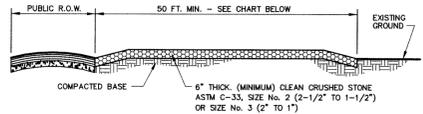
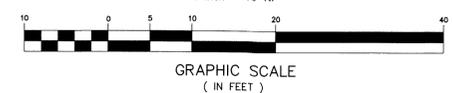
- NOTIFY SOIL CONSERVATION DISTRICT IN WRITING 72 HOURS IN ADVANCE OF BEGINNING OF ANY LAND DISTURBANCE
- INSTALL SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE AS INDICATED ON PLAN 1 DAY
- RAZE EXISTING BUILDING AND SITE IMPROVEMENTS AS REQUIRED 2 WEEKS
- STRIP AND STOCKPILE TOPSOIL FROM PROJECT AREA AS NECESSARY. PROVIDE TEMPORARY STABILIZATION AT ALL STOCKPILE LOCATIONS. 2 DAYS
- ROUGH GRADE SITE 1 WEEK
- CONSTRUCT BUILDING 6 MONTHS
- CONSTRUCT CURBING, INSTALL ROOF DRAINS 3 WEEKS
- INSTALL BASE COURSE OF PARKING LOT 1 WEEK
- CONSTRUCT SIDEWALKS, INSTALL LIGHT FIXTURES AND LANDSCAPING 2 WEEKS
- INSTALL SURFACE COURSE OF PARKING LOT 1 DAY
- REDISTRIBUTE TOPSOIL, FINAL GRADE ALL AREAS AND PROVIDE PERMANENT STABILIZATION. 2 DAYS

**NOTES:**

- SOIL EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER PERMANENT STABILIZATION HAS BEEN ESTABLISHED.
- IF FIELD CONDITIONS WARRANT, ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AND SHALL BE INSTALLED BY THE CONTRACTOR IF REQUIRED BY THE SOIL CONSERVATION DISTRICT OR BOROUGH ENGINEER.



**SOIL EROSION AND SEDIMENT CONTROL PLAN**



NOTE: LENGTH OF STABILIZED CONSTRUCTION ACCESS SHALL NOT BE LESS THAN AS SPECIFIED IN THE CHART BELOW.

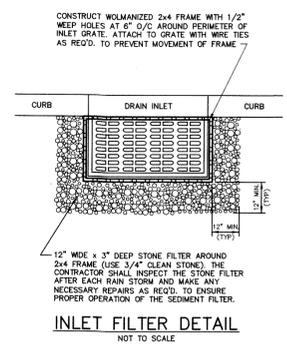
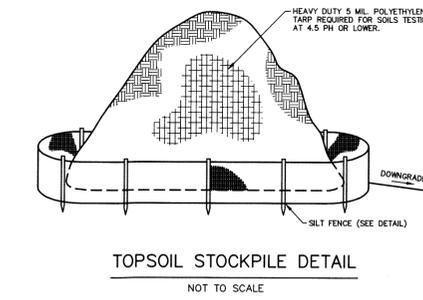
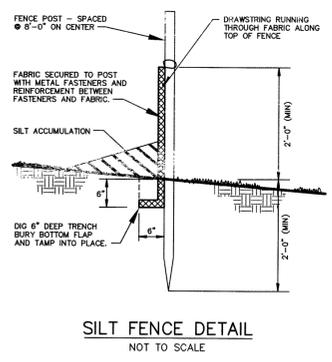
NOTE: WIDTH OF STABILIZED CONSTRUCTION ACCESS SHALL NOT BE LESS THAN THE FULL WIDTH OF POINTS OF INGRESS AND EGRESS.

% SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED	
	COARSE SOILS	FINE SOILS
1% TO 2%	50 FT.	100 FT.
2% TO 4%	100 FT.	200 FT.
> 4%	ENTIRE SURFACE TO BE STABILIZED	

\* IF REQUIRED BY LOCAL ORDINANCE OR OTHER GOVERNING BODY AT POORLY DRAINED LOCATIONS, SUBSURFACE DRAINAGE GRAVEL FILTER OR FILTER FABRIC SHALL BE INSTALLED BEFORE INSTALLING THE STABILIZED CONSTRUCTION ENTRANCE.

**MAINTENANCE**

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH 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.



**STABILIZED CONSTRUCTION ACCESS DETAIL**  
NOT TO SCALE

NO.	DATE	REVISION

DANIEL E. PARKER  
NEW JERSEY LAND SURVEYOR LIC. NO. 35866

**PARKER**  
ENGINEERING & SURVEYING P.C.  
370 EAST MAIN STREET, SOMERVILLE, N.J. 08876  
(908) 725-4400 - FAX (908) 722-4401

DRAWN BY: PJD  
CHECKED BY: SEP  
SCALE: 1"=10'

**SITE PLAN**  
1335 WEST SEVENTH STREET  
TAX MAP LOT 29 BLOCK 3  
BOROUGH OF SOUTH PLAINFIELD  
MIDDLESEX COUNTY, NEW JERSEY

**STEPHEN E. PARKER**  
NEW JERSEY PROFESSIONAL ENGINEER LIC. NO. 36187

DATE: 02/04/20  
FILE: 6527  
SHEET: 6 OF 7