

SOIL EROSION CONTROL NOTES

- BERGEN COUNTY SOIL CONSERVATION DISTRICT  
SOIL EROSION AND SEDIMENT CONTROL NOTES
1. Erosion and sediment control practices will be installed in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey (NJ Standards), and will be installed in proper sequence and maintained until permanent stabilization is established.
  2. Any disturbed area that will be left exposed for more than thirty (30) days and not subject to construction traffic shall immediately receive a temporary seeding and mulching. If the erosion or sediment control practices are not installed within the time specified, the contractor shall be responsible for the cost of the seeding and mulching.
  3. Immediately following initial disturbance or rough grading, all critical areas subject to erosion will receive a temporary seeding in combination with straw mulch or a suitable equivalent, at a rate of 2 lbs. per acre, according to the NJ Standards.
  4. Stabilization Specifications:
    - A. Temporary Seeding and Mulching:
      - Group 1 Seeding - Applied uniformly according to soil test recommendations.
      - Fertilizer - Apply 11 lbs. /1,000 sq. ft. of 10-20-10 or equivalent with 50% water insoluble nitrogen (unless a soil test indicates otherwise).
      - Seed - Turf type tall fescue (blend of 3 cultivars) 350 lbs. /acre (8 lbs. /1,000 sq. ft.) or other approved seed.
      - Mulch - Unadorned straw or hay at a rate of 70 to 90 lbs. /1,000 sq. ft. applied to achieve 95% soil surface coverage. Mulch shall be anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
    - Group 2 Seeding and Mulching:
      - Topsoil - A uniform application to an average depth of 5", minimum of 4" firm in place is required.
      - Ground Limestone - Applied uniformly according to soil test recommendations.
      - Fertilizer - Apply 11 lbs. /1,000 sq. ft. of 10-10-10 or equivalent with 50% water insoluble nitrogen (unless a soil test indicates otherwise).
      - Seed - Turf type tall fescue (blend of 3 cultivars) 350 lbs. /acre (8 lbs. /1,000 sq. ft.) or other approved seed.
      - Mulch - Unadorned straw or hay at a rate of 70 to 90 lbs. /1,000 sq. ft. applied to achieve 95% soil surface coverage. Mulch shall be anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
  5. The site shall at all times be graded and maintained such that all stormwater runoff is directed to sediment control facilities, and maintained on a regular basis, including after every storm event.
  6. Stockpiles are not to be located within 50' of a floodplain, slope, roadway or drainage facility. The use of all stockpiles shall be contained by a hooped sediment barrier or silt fence.
  7. (OVER)
  8. A crushed stone, vehicle wheel-clearing blanket will be installed wherever a construction access road intersects any gravel roadway. Silt blanket will be composed of 1" - 2" crushed stone, 6" thick, will be at least 30' x 100' and should be underlain with a suitable synthetic sediment filter fabric and maintained.
  9. Maximum side slopes of all exposed surfaces shall not exceed 3:1 unless otherwise approved by the District.
  10. Driveways shall be stabilized with 1" - 2" crushed stone or subbase prior to individual lot construction.
  11. Swelling operations must discharge directly into a sediment control bag or other approved method in accordance with Section 16-11 of the NJ Standards.
  12. Dust shall be controlled via the application of water, calcium chloride or other approved method in accordance with Section 16-11 of the NJ Standards.
  13. Storm drainage outlets will be stabilized, as required, before the discharge points become operational.
  14. The project owner shall be responsible for any erosion or sedimentation that may occur below the project site or off-site as a result of construction of the project.
  15. Any revision to the certified Soil Erosion and Sediment Control Plan must be submitted to the District for review and approval prior to implementation in the field.
  16. The Bergen County Soil Conservation District must be notified, in writing, of any change to the project site throughout construction.
  17. The Bergen County Soil Conservation District may request additional measures to minimize on- or off-site erosion problems during construction.
  18. The owner must obtain a District issued report of compliance prior to the issuance of any certificate of occupancy. The District requires at least one week's notice to facilitate the issuance of the report and to ensure appropriate testing methods and compaction are achieved. The temporary/permanent stabilization of all exposed areas, prior to the issuance of a report of compliance by the District.
  19. Revised 12/7/17

SOIL DE-COMPACTION AND TESTING REQUIREMENTS

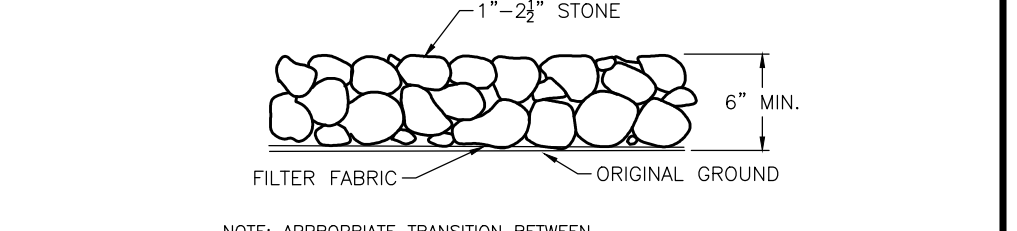
- Soil Compaction Testing Requirements
1. Subgrade soils prior to the application of topsoil (see permanent seeding and stabilization notes for topsoil requirements) shall be free of excessive compaction to a depth of 6.0 inches to enhance the establishment of permanent vegetative cover.
  2. Areas of the site which are subject to compaction testing and/or mitigation are geographically denoted on the certified soil erosion control plan.
  3. Compaction testing locations are denoted on the plan. A copy of the plan or portion of the plan shall be used to mark locations of tests, and attached to the compaction testing certification form, available from the local soil conservation district. This form must be filled out and submitted prior to receiving a certificate of compliance from the district.
  4. In the event that testing indicates compaction in excess of the maximum thresholds indicated for the simplified testing methods (see details below), the contractor/owner shall have the option to perform either (1) compaction mitigation over the entire mitigation area denoted on the plan (excluding exempt areas), or (2) perform additional, more detailed testing to establish the limits of excessive compaction, whereupon only the excessively compacted areas would require compaction mitigation. Additional detailed testing shall be performed by a trained, licensed professional.

- Compaction Testing Methods
- A. Probing Wire Test (see detail)
  - B. Hand-held Penetrometer Test (see detail)
  - C. Tube Bulk Density Test (licensed professional engineer required)
  - D. Nuclear Density Test (licensed professional engineer required)

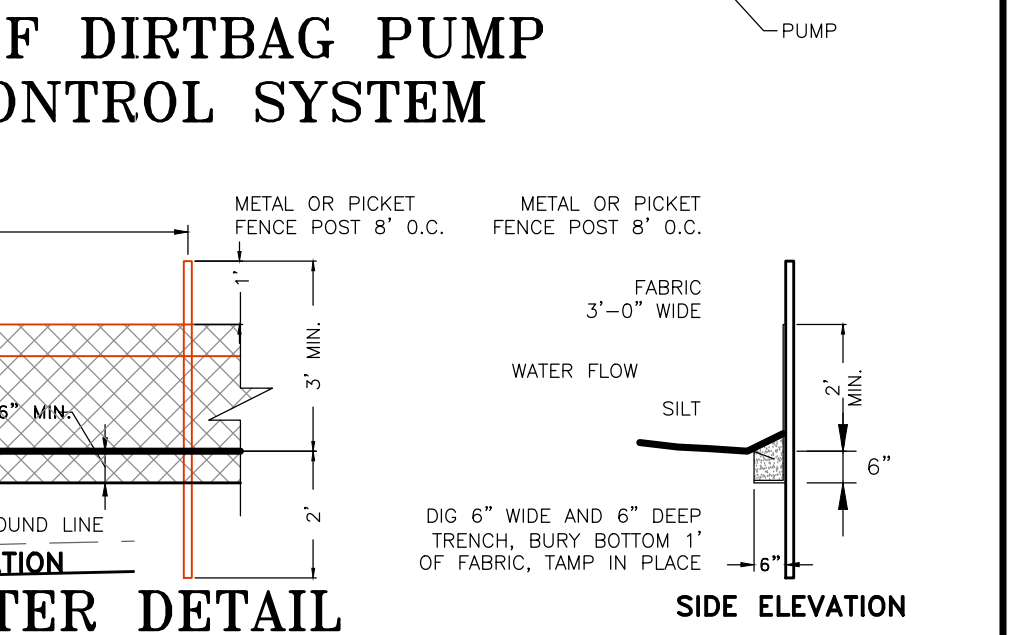
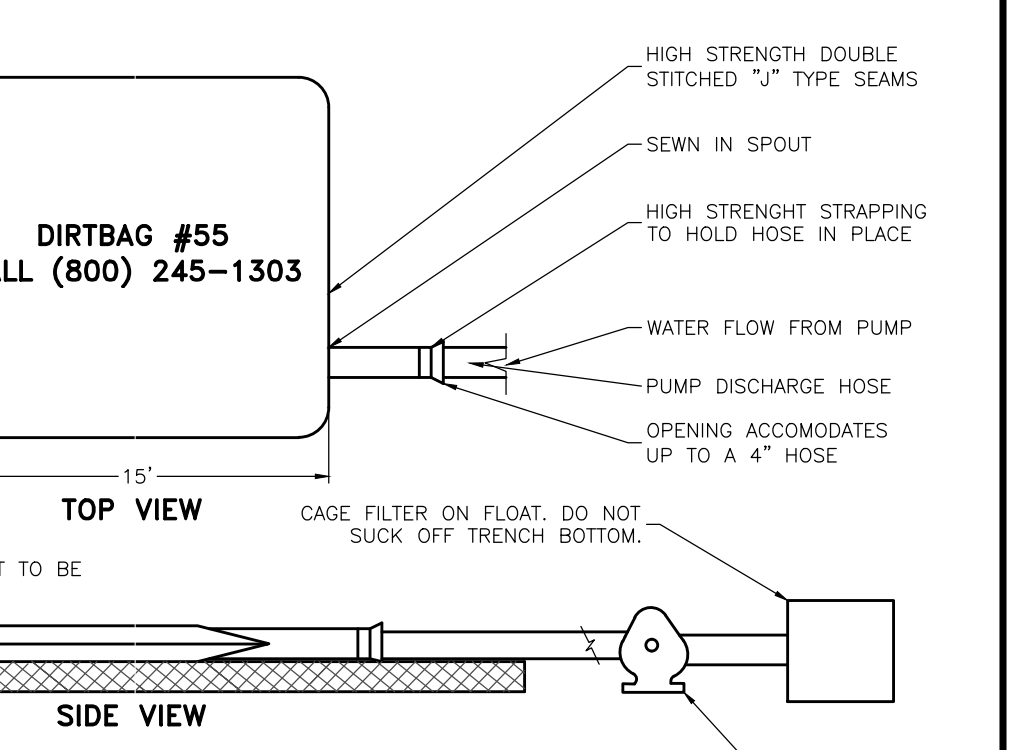
Note: Additional testing methods which conform to ASTM standards and specifications, and which produce a dry weight, soil bulk density measurement may be allowed subject to District approval.

Soil compaction testing is not required if/when subsoil compaction remediation (specification/fillage (6" minimum depth) or similar) is proposed as part of the sequence of construction.

Procedures for Soil Compaction Mitigation  
Procedures shall be used to mitigate excessive soil compaction prior to placement of topsoil and establishment of permanent vegetative cover.  
Restoration of compacted soils shall be through deep scarification/fillage (6" minimum depth) where there is no danger to underground utilities (cables, irrigation systems, etc.).  
If the alternative, another method as specified by a New Jersey Licensed Professional Engineer maybe substituted subject to District Approval.



STABILIZED CONSTRUCTION ACCESS



SHEET 4 OF 8

RETAINING WALL REPLACEMENT  
DETENTION POND RESTORATION  
SOIL EROSION & SEDIMENT CONTROL PLAN  
LOT 3 - BLOCK 4104  
DURAR AVENUE  
IN THE  
VILLAGE OF RIDGEWOOD  
BERGEN COUNTY, NEW JERSEY  
FOR  
HOPPER CONDOMINIUM ASSOCIATION, INC.

REVISION DIGEST		CONKLIN ASSOCIATES	
2/28/20-PLAN-BD-APP-		PROFESSIONAL ENGINEERS AND LAND SURVEYORS	
6/25/20 SCD		P.O. BOX 292, RAMSEY, NJ 07446	
7/15/20 SCD		PHONE (201) 327-0443, FAX (201) 934-1097	
		CERTIFICATE OF AUTHORIZATION #24GA28046300	
		TIBOR LATINCISCS	ROBERT WIRTHS
		N.J.P.E. 32444, N.J.P.P. 3736	N.J.P.L.S. 34025
		<i>Tibor Latincis</i>	<i>Robert Wirths</i>
		FILE NO.:	PLOT NO.: 3-4104Pit.dwg

RETAINING WALL INSET  
GRAPHIC SCALE



SCALE: 1" = 10'  
ORIGINAL PLAN DATE: 11/28/16  
SURVEY DATE: 11/18/16