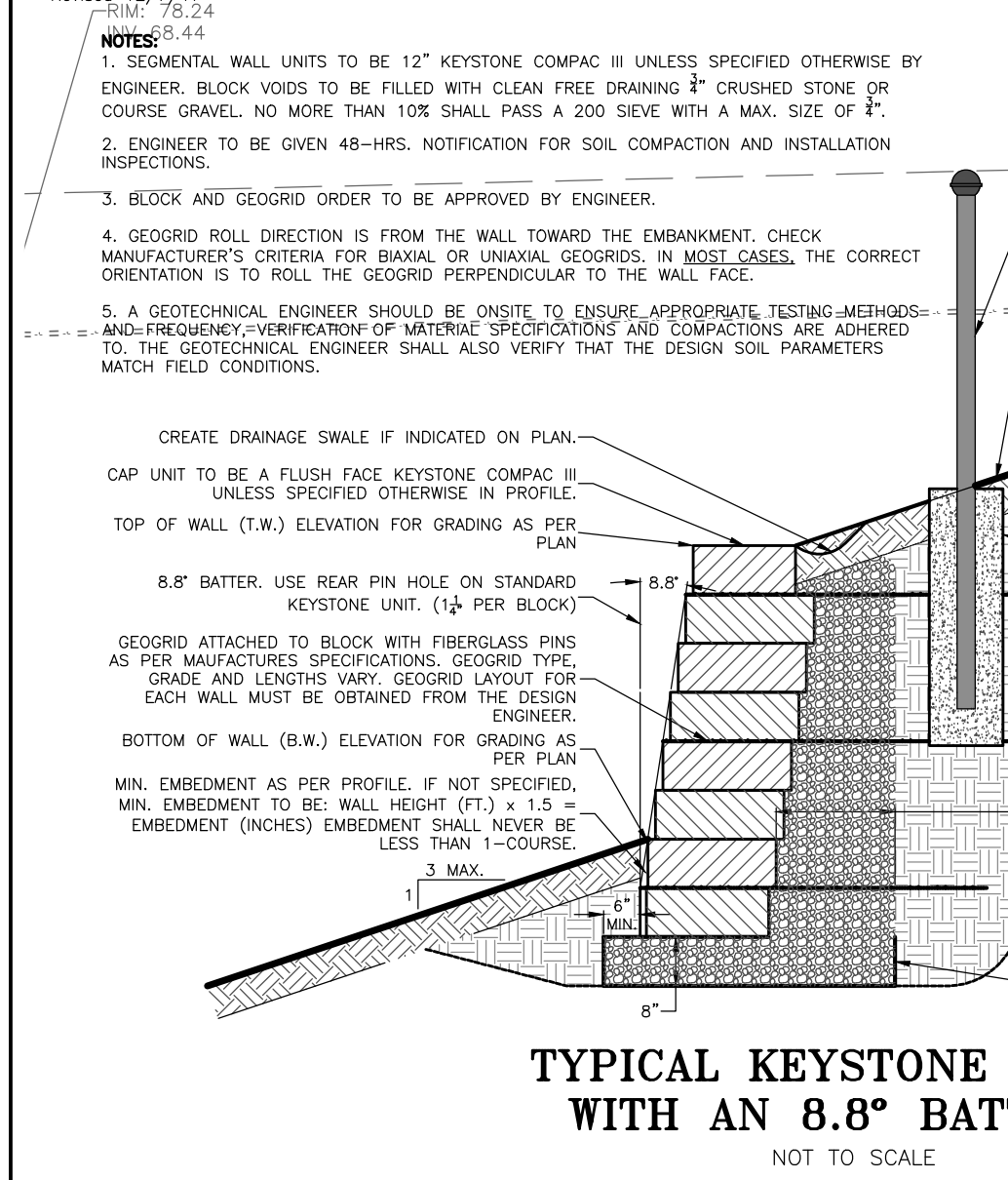


SOIL EROSION CONTROL NOTES

- BERGEN COUNTY SOIL CONSERVATION DISTRICT  
Soil Erosion and Sediment Control Measures shall be installed in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey (NJ Standards), and will be installed in accordance with the following:
1. All soil erosion and sediment control measures shall be installed in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey (NJ Standards), and will be installed in accordance with the following:
  2. Any disturbed area that will be left exposed for more than thirty (30) days and not subject to permanent seeding and stabilization shall be temporarily seeded and mulched. If the exposed area is to be left exposed for more than thirty (30) days, the disturbed area will be mulched with untreated straw at a rate of 2 tons per acre anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
  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 tons per acre, according to the NJ Standards.
  4. Stabilization, Seeding and Mulching:
    - A. Temporary Seeding and Mulching:
      - 1. All seed shall be uniformly applied according to soil test recommendations.
      - 2. Seed - general average 120 lbs./acre (2.3 lbs./1,000 sq. ft.) or other approved seed, plant between March 1 and May 15 or between August 15 and October 1.
      - 3. Mulch - untreated straw or hay at a rate of 70 to 90 lbs./1,000 sq. ft. applied to achieve 90% soil surface coverage. Mulch shall be anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
    - B. Permanent Seeding and Mulching:
      - 1. Topsoil - A uniform application to an average depth of 5", minimum of 4" if firm in place is required.
      - 2. Ground Limestone - Applied uniformly according to soil test recommendations.
      - 3. 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) worked into the soil to a minimum of 4".
      - 4. Seed - Turf type tall fescue (seed of 3 cultivars) 350 lbs./acre (8 lbs./1,000 sq. ft.) or other approved seed, plant between March 1 and October 1.
      - 5. Mulch - untreated straw or hay at a rate of 70 to 90 lbs./1,000 sq. ft. applied to achieve 90% soil surface coverage. Mulch shall be anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
      - 6. The site shall at all times be graded and maintained such that all stormwater runoff is directed to soil erosion and sediment control facilities.
      - 7. Soil erosion and sediment control measures will be inspected and maintained on a regular basis, including after every storm event.
      - 8. Stockpiles are not to be located within 50' of a floodplain, slope, roadway or drainage facility. The base of all stockpiles shall be contained by a hydraulic sediment barrier or all fence (OVER).
      - 9. A crushed stone, vehicle wheel-cleaning blanket will be installed wherever a construction access road intersects any paved roadway. Said blanket will be composed of 1" - 2" crushed stone or gravel, will be at least 30' x 100' and should be underlain with a suitable synthetic sediment filter fabric and maintained.
      - 10. Maximum side slopes of all exposed surfaces shall not exceed 3:1 unless otherwise approved by the District.
      - 11. Driveways must be stabilized with 1" - 2" crushed stone or subbase prior to individual lot construction.
      - 12. All washed, dropped, spilled or tracked outside the limit of disturbance or onto public right-of-way, will be removed immediately. Paved surfaces must be kept clean at all times.
      - 13. Catch basin inlets will be protected with an inlet filter designed in accordance with Section 28 of the NJ Standards.
      - 14. Storm drainage outlets will be stabilized, as required, before the discharge points become operational.
      - 15. Discharge operations must discharge directly into a sediment control bay or other approved filter in accordance with Section 14-1.1 of the NJ Standards.
      - 16. Outlets shall be controlled with the application of water, sodium chloride or other approved method in accordance with Section 14-1.1 of the NJ Standards.
      - 17. Trees to remain after construction are to be protected with a suitable fence installed on the drip line or beyond in accordance with Section 9-1 of the NJ Standards.
      - 18. The project owner shall be responsible for any erosion or sedimentation that may occur below stormwater outlets or setbacks as a result of construction activities.
      - 19. 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.
      - 20. A copy of the certified Soil Erosion and Sediment Control Plan must be available at the project site throughout construction.
      - 21. The Bergen County Soil Conservation District may request additional measures to minimize erosion or sedimentation during construction.
      - 22. 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 scheduling of all report of compliance inspections. All site work must be completed, including temporary/permanent stabilization of all exposed areas, prior to the issuance of a report of compliance by the District.
- Revised: 12/2/2019, DIST NO. 118



- NOTES:**
1. SEGMENTAL WALL UNITS TO BE 12" KEYSTONE COMPACT B OR UNLESS SPECIFIED OTHERWISE BY ENGINEER. BLOCK JOINTS TO BE FILLED WITH CLEAN FINE DRANKING 2" CRUSHED STONE OR COURSE GRAVEL. NO MORE THAN 10% SHALL PASS A 200 SIEVE WITH A MAX. SIZE OF 1/4".
  2. ENGINEER TO BE GIVEN 48-HRS. NOTIFICATION FOR SOIL COMPACTION AND INSTALLATION INSPECTIONS.
  3. BLOCK AND GEORGE ORDER TO BE APPROVED BY ENGINEER.
  4. GEORGE ROLL DIRECTION IS FROM THE WALL TOWARD THE EMBELEMEN. CHECK MANUFACTURER'S CRITERIA FOR BROWN OR UNIFORM GEORGE. IN MOST CASES, THE CORRECT ORIENTATION IS TO ROLL THE GEORGE PERPENDICULAR TO THE WALL FACE.
  5. A GEOTECHNICAL ENGINEER SHOULD BE OBTAIN TO ENSURE APPROPRIATE TESTING METHODS AND FREQUENCY OF TESTING. SPECIFICATIVE AND CORRECTIVE ARE IDENTIFIED MATCH FIELD CONDITIONS.
  6. THE GEOTECHNICAL ENGINEER SHALL ALSO VERIFY THAT THE DESIGN SOIL PARAMETERS ARE CORRECT.
- TREE REMOVAL**
- TREES BEING REMOVED = 16
- TREE REPLACEMENT**
- | COMMON NAME   | SCIENTIFIC NAME   | SIZE   | QUANTITY |
|---------------|-------------------|--------|----------|
| OCTOBER GLORY | ACER RUBRUM       | 2 1/2" | 20       |
| RED MAPLES    | PICCA ABIES       | 14"    | 1        |
| NORWAY SPRUCE | SALIX NIGRA       | 2 1/2" | 3        |
| BLACK WILLOWS | QUERCUS BICOLO    | 2 1/2" | 1        |
| SWAMP OAK     | QUERCUS PALUSTRIS | 2 1/2" | 1        |
| PIN OAK       |                   |        |          |
| TOTAL         |                   |        | 26       |
- REVISION DIGEST**
- | REVISION | DATE          | DESCRIPTION |
|----------|---------------|-------------|
| 2/21/20  | PLAN BD. APP. |             |
| 6/25/20  | SCD           |             |
| 7/15/20  | SCD           |             |
| 8/10/20  | SCD           |             |
- CONKLIN ASSOCIATES**  
PROFESSIONAL ENGINEERS AND LAND SURVEYORS  
29 CHURCH STREET  
P.O. BOX 282, RAMSEY, NJ 07446  
PHONE (201) 327-0443, FAX (201) 934-1097  
CERTIFICATE OF AUTHORIZATION #24GA28046300
- TIBOR LATINCIS**  
N.J.P.E. 32444, N.J.P.P. 3736
- ROBERT WIRTHS**  
N.J.P.L.S. 34025
- SCALE:** 1" = 10'  
ORIGINAL PLAN DATE: 11/28/16  
SURVEY DATE: 11/18/16
- FILE NO.:** **PLOT NO.:** 3-4104Pit.dwg