SEQUENCE OF CONSTRUCTION:

1. Obtain grading permit.
2. Place stabilized construction entrance.
3. Clear and grass areas for sediment control facilities.
4. Install dikes, silt fences, and sediment traps 2 and 3.
5. Stabilize and grade pond 2 and basin.
6. Construct and stabilize pond 2 and basin.
7. Construct storm drain outlets from pond 2.
8. Install utility and storm drain.
9. Complete pavement construction and stabilize all graded and restored areas.
10. Remove silt fence from pond 2 and stabilize pond 2 and areas.
11. After inspection and approval by the sediment control inspector, the silt fences, dikes, and sediment traps 2 and 3 may be removed.

SEDIMENT CONTROL - INTERIM SWM

* Drainage Area Pond 2 = 2.9 Acres
  Drainage Area Trap 2 = 1.6 Acres
  Drainage Area Trap 3 = 2.9 Acres
  Includes Trap Areas 2 and 3

DRAWN: J. M. M. MEADE, P.E.
NORTH SMITH FIELD, INDOOR

APPROVED: HUNTSVILLE DEPARTMENT OF PUBLIC WORKS

APPROVED: DEPARTMENT OF PLANNING AND ZONING

REVISION: 10-09-09

SCALE: 1" = 200'
SITE PLAN: SWM POND 3

Note:
ML, CL, ML, or CL soils
only will be allowed in
the Core Trench

DAM PROFILE - POND 3

ANTI-SEEP COLLAR DETAILS
CONSTRUCTION SPECIFICATIONS

1. SITE PREPARATION

Areas designated for borrow areas, embankment, and structural work shall be cleared of trees, shrubs, roots and other objectionable materials so as to provide a suitable surface. All trees, shrubs, roots and other objectionable materials shall be removed. Trees, shrubs, roots and other objectionable materials shall be removed and disposed of as required. All cleared and graded areas shall be suitably protected from disturbance and erosion precautions taken to prevent this. Where necessary, a sufficient quantity of topsoil will be retained on the borrow area for use in the embankment or other projects.

2. EARTH FILL

The fill material shall be taken from approved designated borrow areas or any other approved area of earth fill, subject to the approval of the Engineer. Earth fill shall not be placed where it will come in contact with any subsurface water during construction. The fill material shall be placed in layers not exceeding 2 feet in thickness and compacted to 95% of Proctor's densest dry unit weight. The fill material shall be placed in 1 foot lifts not exceeding 6 feet in thickness, compacted to 95% of Proctor's densest dry unit weight. The fill material shall be placed in 1 foot lifts not exceeding 6 feet in thickness, compacted to 95% of Proctor's densest dry unit weight.

3. DESIGN MIX

The concrete aggregate shall be compacted to full strength within 24 hours after placement. The mix proportions shall be adjusted to obtain a concrete having a compressive strength of at least 2000 psi at 28 days. The mix proportions shall be adjusted to obtain a concrete having a compressive strength of at least 2000 psi at 28 days.

4. MIXING

The concrete shall be mixed in a continuous mixing plant with a mixer equipped with a means of agitation and mixing of aggregates and water thoroughly. The mixing shall be done in accordance with the specifications for the design mix. The concrete shall be mixed in a continuous mixing plant with a mixer equipped with a means of agitation and mixing of aggregates and water thoroughly. The mixing shall be done in accordance with the specifications for the design mix.

5. TIME

The concrete shall be mixed and placed within the time limits specified. The concrete shall be placed while it is still in the plastic state. The concrete shall be placed while it is still in the plastic state.

6. CURVE - Continuous

Materials

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