



WASTE DISPOSAL AREA, STATION 0+00 TO 5+40, APPROX., TO BE FILLED FROM STATION 0+00 SOUTHWARDS. FILL TO BE PLACED SO AS TO ASSURE DRAINAGE SOUTHWARDS TOWARDS EXISTING POND. SOUTHERN END OF FILL TO TAPER TO EXISTING GROUND AT NOT MORE THAN A 1V:3H SLOPE.

**BEGIN PROJECT STA. 0+00**

BASELINE

POTENTIAL STAGING AREA, WASTE DISPOSAL AREA (5.2 ACRES) COVER WITH 4" TOPSOIL ALTERNATE UPON COMPLETION OF FILL DISPOSAL. STA. 0+00 TO 5+40

WOODED

CLASS III WETLAND

EDGE OF NORTHERN POND/MARSH = 662.5'

MATCHLINE STA. 7+25

**NOTES:**

- HYDRIC SOILS FROM HIGHWAY IMPACT AREAS MAY BE STOCKPILED ON-SITE IN AREA TO BE APPROVED BY THE ENGINEER. STOCKPILED HYDRIC SOILS TO BE COVERED WITH LANDSCAPE FABRIC WHENEVER EXPOSURE TO AIR WILL EXCEED FOUR (4) DAYS. VAOT ITEM 900.608 (HYDRIC SOIL).
  - AREAS TO RECEIVE SURFACE LAYER OF HYDRIC SOIL, 6 INCH LAYER OF ALTERNATE ZA1 (TOPSOIL) OR 6 INCH LAYER OF ZA2, (UPLAND MANUFACTURED TOPSOIL OR WETLAND MANUFACTURED TOPSOIL) TO BE EXCAVATED AS SHOWN ON THE TYPICAL SHEET TO ACCOMMODATE PLACEMENT OF SURFACE LAYER TO ACHIEVE FINISH GRADES. EXCAVATION TO BE PAID UNDER VAOT ITEM 203.15 (COMMON EXCAVATION). BLENDING OF MINERAL BASE, SHORT PAPER FIBER AND FERTILIZER FOR ALTERNATE ZA2 TO BE PAID AS INCIDENTAL TO VAOT ITEM 900.608 (UPLAND MANUFACTURED TOPSOIL OR WETLAND MANUFACTURED TOPSOIL).
  - AREAS TO RECEIVE 4 INCH LAYER OF ZA1 (TOPSOIL) AND 4 INCH LAYER OF ALTERNATE ZA2 (UPLAND MANUFACTURED TOPSOIL) REQUIRE NO EXCAVATION. BLENDING OF MINERAL BASE, SHORT PAPER FIBER AND FERTILIZER FOR ALTERNATE ZA2 TO BE PAID AS INCIDENTAL TO VAOT ITEM 900.608 (UPLAND MANUFACTURED TOPSOIL).
  - HYDRIC SOILS TO BE PLACED AS A SIX (6) INCH SURFACE LAYER BETWEEN STATIONS 16+00 AND 36+00, AND BETWEEN ELEVATIONS 660.1' AND 662.5', BEGINNING AT SOUTHERN END AND PROCEEDING NORTHWARD TO EXHAUSTION OF SUPPLY, VAOT ITEM 900.608 (HYDRIC SOIL). REMAINDER OF THAT AREA TO RECEIVE TOPSOIL ALTERNATE ZA1, VAOT ITEM 651.35, OR ZA2, VAOT ITEM 900.608 (WETLAND MANUFACTURED TOPSOIL) AS SIX (6) INCH SURFACE LAYER. AREA BELOW 660.1' DOES NOT REQUIRE EXCAVATION OR PLACEMENT OF ANY HYDRIC SOIL OR TOPSOIL ALTERNATE.
  - SIX (6) INCH LAYER OF ZA1 OR UPLAND MANUFACTURED TOPSOIL TO BE APPLIED AS SURFACE LAYER ON EXCAVATED SLOPES BETWEEN STATIONS 16+00 AND 36+00, VAOT ITEM 651.35 (TOPSOIL) OR VAOT ITEM 900.608 (UPLAND MANUFACTURED TOPSOIL). EXCAVATION OF SIX (6) INCHES TO BE ACCOMPLISHED IN THIS AREA TO ACCOMMODATE PLACEMENT OF SIX INCH SURFACE LAYER.
  - FOUR (4) INCH LAYER OF ZA1, VAOT ITEM 651.35, OR ZA2, VAOT ITEM 900.608, (UPLAND MANUFACTURED TOPSOIL) TO BE APPLIED AS SURFACE LAYER IN AREAS OF SPOT TOPSOIL APPLICATION IN A PORTION OF THE AREA ADJACENT TO THE EXISTING POND BETWEEN APPROXIMATELY STATION 5+00 AND STATION 16+00. AREA EXTENDS NORTHWARD TO EXISTING ACCESS ROAD AT APPROXIMATELY STATION 5+00, EASTWARD TO PDF FENCE BETWEEN CONSTRUCTION ENTRANCE AND EXISTING POND, WESTWARD TO EASTERN EDGE OF 50' RIVER BUFFER AND SOUTHWARD TO STATION 16+00. NO TOPSOILING TO OCCUR WITHIN 10' BUFFER ADJACENT TO EXISTING POND. SPOT TOPSOIL APPLICATION EXPECTED TO BE NEEDED ON ACCESS ROAD NORTH OF STATION 16+00. TOPSOIL TEST PLOT EXCESS MATERIAL STOCKPILE REMOVAL AREA AND POSSIBLY ELSEWHERE, AS TO BE DETERMINED BY RESIDENT ENGINEER. NO EXCAVATION REQUIRED.
  - FOUR (4) INCH LAYER OF TOPSOIL, VAOT ITEM 651.35, OR ALTERNATE ZA2, VAOT ITEM 900.608 (UPLAND MANUFACTURED TOPSOIL), TO BE APPLIED AS SURFACE LAYER ON NORTHERN AND SOUTHERN WASTE DISPOSAL AREAS, FOLLOWING COMPLETION OF FILL WITH EXCESS EXCAVATED MATERIAL. (NO EXCAVATION REQUIRED).
- ALL TOPSOIL ALTERNATE LAYERS TO BE LIGHTLY COMPACTED, AND SURFACES TO BE LIGHTLY RAKED TO PROVIDE GROOVES FOR SEED LODGEMENT PRIOR TO SEEDING. COMPACTION AND RAKING TO BE PAID INCIDENTAL TO VAOT ITEMS 651.35 AND 900.608 (UPLAND AND WETLAND MANUFACTURED TOPSOIL).

- 279' LF 6" CHAIN LINK FENCE
- STABILIZED CONSTRUCTION ENTRANCE (SEE DETAILS ON SHEET 225)
- 24' LF GATE FOR 6" CHAIN LINK FENCE
- 182' LF 6" CHAIN LINK FENCE
- BOULDERS LEFT IN PLACE TO BLOCK VEHICLES

**LEGEND**

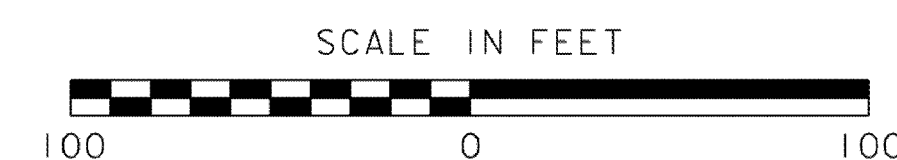
- VAST TRAIL
- ==== TOWN HIGHWAY
- - - - EXISTING GRAVEL ACCESS ROAD
- 670- MAJOR CONTOUR (EXISTING)
- - - - MINOR CONTOUR (EXISTING)
- 660- MAJOR CONTOUR (NEW)
- - - - MINOR CONTOUR (NEW)
- ===== FILL DISPOSAL AREA
- - - - LIMITS OF CONSTRUCTION/BARRIER FENCE
- - - - SILT FENCE
- ~ ~ ~ ~ EXISTING TREELINE
- o MONITORING WELL
- EXISTING STRUCTURE
- o EXISTING DECIDUOUS TREE
- \* EXISTING EVERGREEN TREE
- PDF PROJECT DEMARCATION FENCE

CONSTRUCTION ACCESS NORTH OF STATION 16+00 MUST FOLLOW EXISTING GRAVEL ROAD AND WILL BE LIMITED TO AREA WITHIN PDF FENCE AS SHOWN. ACTUAL LOCATION TO BE COORDINATED BY THE R.E.. ANY IMPROVEMENTS TO ROAD SHALL BE INCIDENTAL TO ITEM 203.15 (COMMON EXCAVATION)

**NOTES:**

- THE CONTRACTOR IS HEREBY NOTIFIED, THAT THE VAST TRAIL THOUGH THE PROJECT SITE SHALL REMAIN OPEN AND USABLE DURING THE WINTER SEASON. THE LOCATION OF THE TRAIL SHALL BE ESTABLISHED IN CONSULTATION WITH THE RESIDENT ENGINEER.

DATUM  
VERTICAL NAVD 88  
HORIZONTAL NAD 83 (92)



PROJECT NAME: CABOT-DANVILLE  
PROJECT NUMBER: FECC F 028-3(26)

FILE NAME: xd079grade.dgn  
PROJECT LEADER: C.W. BRODIE  
DESIGNED BY: C.W. BRODIE  
GRADING PLAN (1)

PLOT DATE: 11/16/2010  
DRAWN BY: E.B. SMALL  
CHECKED BY: J.K. BENSON  
SHEET 203 OF 250