SEDIMENT BASIN B1o
DA=1.4ac
10YR. STORAGE REQ'D: 25,148 CF
STORAGE PROVIDED: 26,760 CF

LIMIT OF WORK AREA

ACTIVE WORK AREA

PERMANENT GRASS-LINED SWALE

WORK AREA 1B.1

SEDIMENT BASIN B1
DA=19.1ac
10YR. STORAGE REQ'D: 248,433CF
STORAGE PROVIDED: 497,598 CF

FUTURE IRRIGATION POND

STABILIZED WORK AREA

PERMANENT GRASS-LINED CONVEYANCE SWALE (4 / L8.01)

PROPERTY BOUNDARY

PERMANENT GRASS-LINED SWALE

TEMPORARY CONVEYANCE SWALE, TYP. (4 / L8.01)

WORK AREA 1B.2

SILT FENCE, INSTALL PARALLEL TO CONTOURS, TYP.

CONSTRUCTION HAUL ROAD (3 / L8.01)

TEMPORARY CONVEYANCE SWALE, TYP. (4 / L8.01)

SILT FENCE, INSTALL PARALLEL TO CONTOURS, TYP. (2 / L8.00)

GUNNISON ROAD.

CONSTRUCTION STAGING BY SECTION

PHASE 1

1. IN WORK AREA 1B.2, FOLLOW STEPS 1–10.
2. ONCE EROSION CONTROL MEASURES HAVE BEEN INSTALLED, EARTHWORK MAY BEGIN (STEPS 11–17).
3. EXCESS MATERIAL WILL BE TEMPORARILY STOCKPILED AS NOTED ON PLANS.
4. ONCE WORK AREA 1B.2 IS DETERMINED TO BE TEMPORARILY STABILIZED (STEPS 18–22), CONSTRUCTION MAY BEGIN IN WORK AREA 1B.3.
5. TIMING OF UTILITY AND STORMWATER STRUCTURES IS AT THE CONTRACTOR'S DISCRETION.

TYPICAL EROSION AND SEDIMENT CONTROL SEQUENCING

PRE–CONSTRUCTION AND SITE PREPARATION

1. PRE CONSTRUCTION MEETING–PROTOCOL MAY BE MODIFIED BY DESIGNATED EROSION CONTROL SPECIALIST.
2. DEFINE INSPECTION SCHEDULE, REVIEW STORMWATER POLLUTION PREVENTION PLAN.
3. STAKEOUT ROAD CENTERLINE, CLEARING LIMITS, WETLANDS, AND STREAMS.
4. INSTALL TREE PROTECTION AND WETLAND PROTECTION FENCE.
5. INSTALL STABILIZED CONSTRUCTION ENTRANCES AS SPECIFIED.
6. CUT AND REMOVE EXISTING TREES AND LOGS, DO NOT GRUB STUMPS.

TEMPORARY RUNOFF AND DRAINAGE CONTROL

7. HYDROSEED RYE ON CLEARED AREAS NOT INCLUDED IN INITIAL EARTHWORK CONSTRUCTION.
8. INSTALL PERIMETER EROSION CONTROL INCLUDING SILT FENCE, BIO–LOGS, EARTH BERMS, AND INLET PROTECTION AT EXISTING CULVERTS.
9. INSTALL WATER BARS IN LOCATIONS AS SPECIFIED BY ON–SITE EROSION AND SEDIMENT CONTROL SPECIALIST.
10. INSTALL TEMPORARY CULVERTS INCLUDING INLET AND OUTLET PROTECTION, AND PERMANENT CULVERTS WHERE APPROPRIATE.

EARTHWORK AND SITE CONSTRUCTION

11. GRUB STUMPS IN SEDIMENT BASIN LOCATIONS, EXCAVATE SEDIMENT BASINS AND SHAPE TEMPORARY DIVERSION SWALES.
12. STABILIZE SEDIMENT BASINS AND DIVERSION SWALES.
13. INSTALL CHECKDAMS AS REQUIRED.
14. GRUB REMAINING STUMPS, BEGIN ROUGH GRADING.
15. INSTALL INFRASTRUCTURE, INCLUDING CATCH BASINS WITH INLET PROTECTION, PIPING, AND PERMANENT DRAINAGE STRUCTURES WITH INLET AND OUTLET PROTECTION AS REQUIRED.
16. BUILD ROADWAYS AND STABILIZE.
17. PLACE ROAD SUBGRADE, STABILIZE, AND BUILD PERMANENT STORMWATER CONVEYANCE SWALES.

TEMPORARY STABILIZATION OF WORK AREA

18. SEED AND MULCH ALL BARE SOIL AREAS TO REMAIN UNDISTURBED FOR MORE THAN 14 DAYS.
19. APPLY ROLLED EROSION CONTROL PRODUCT OR HYDROSEED A MIXTURE OF WOOD FIBER MULCH WITH TACIFYING AGENT, TO ALL SLOPES 3:1 OR GREATER.
20. INSPECT ALL PERIMETER EROSION CONTROL AND REPAIR AS DIRECTED.
21. INSTALL/REPAIR ALL INLET AND OUTLET PROTECTION, PERIMETER SWALE STABILIZATION SUCH AS TURF REINFORCEMENT MATS, RIP RAP, AND CHECKDAMS.
22. REMOVE SEDIMENT FROM TRAPPING DEVICES.

PERMANENT STABILIZATION

23. REPAIR/RE–SEED ALL BARE SPOTS.
24. CONSTRUCT PERMANENT STORMWATER BASINS, OR CONVERT SEDIMENT BASINS. STABILIZE SIDE SLOPES.
25. INSTALL SOD ON ALL AREAS AS SPECIFIED.
26. PAVE ROADS, INSTALL PROPOSED PLANT MATERIALS.
27. RECEIVE CERTIFICATION OF STABILIZATION FROM EROSION AND SEDIMENT CONTROL SPECIALIST.
28. CLEAN ALL STORMWATER SYSTEMS OF SEDIMENT, TRASH, AND DEBRIS.
29. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AS APPROVED BY THE EROSION AND SEDIMENT CONTROL SPECIALIST.

LEGEND / SYMBOL

- PROPERTY BOUNDARY
- WORK AREA
- HAUL ROAD
- SILT FENCE
- DIVERSION SWALE
- CONVEYANCE SWALE
- STORMWATER PIPE (ST)
- DEWATERING DISPERSION PIPE (DP)
- SEDIMENT BASIN DEWATERING PIPE
- SEDIMENT BASIN
- STABILIZED WORK AREA

0 25 50 100

SCALE: 1"=50'

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Submission:

FOR REGULATORY APPROVALS ONLY

PREPARED FOR:
Crossroads Ventures, L.L.C.
PO Box 267
Mt. Tremper, NY 12457

The Modified Belleayre Resort at Catskill Park

Wildacres Resort & The Highmount Spa Resort
Town of Shandaken & Town of Middletown, New York

Title
Sediment and Erosion Control Plan- Front 9 Village

Key Plan

NORTH

Revisions

Project: 07074
Date: 03/30/2011

Drawing
L-3.11

Plotted By: JUSTIN LIVENGOOD
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