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Submission:
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 APPROVALS ONLY

PREPARED FOR:
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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- Wildacres

Key Plan



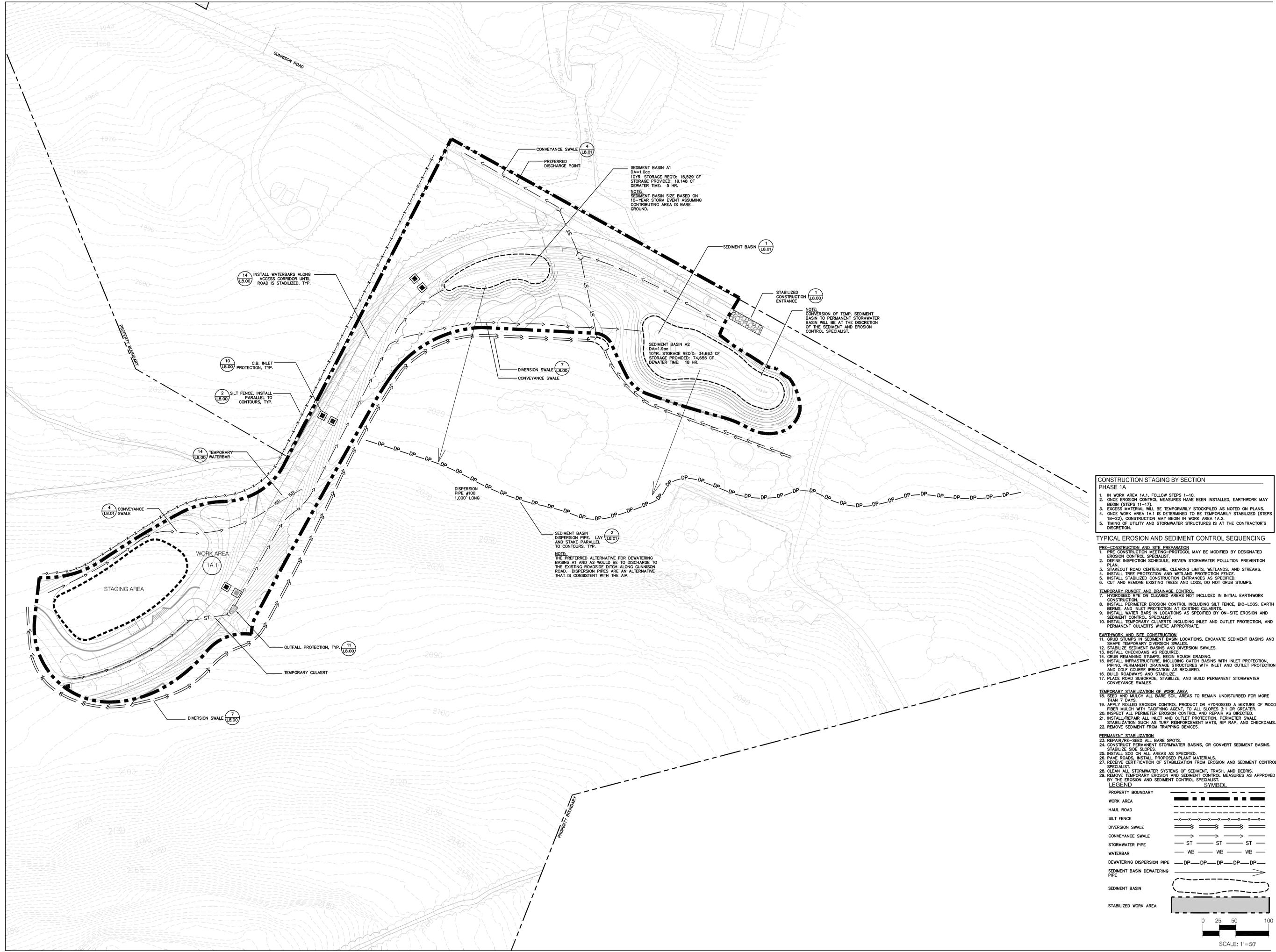
Revisions
 03/02/2012

Project: 07074

Date: 03/30/2011

Drawing

L-3.02



SEDIMENT BASIN A1
 DIA=1.0m
 10YR. STORAGE REQ'D: 15,529 CF
 STORAGE PROVIDED: 19,148 CF
 DEWATER TIME: 5 HR.
 NOTE:
 SEDIMENT BASIN SIZE BASED ON
 10-YEAR STORM EVENT ASSUMING
 CONTRIBUTING AREA IS BARE
 GROUND.

SEDIMENT BASIN A2
 DIA=1.0m
 10YR. STORAGE REQ'D: 34,683 CF
 STORAGE PROVIDED: 74,855 CF
 DEWATER TIME: 16 HR.

SEDIMENT BASIN
 DISPERSION PIPE, LAY
 AND STAKE PARALLEL
 TO CONTOURS, TYP.
 NOTE:
 THE PREFERRED ALTERNATIVE FOR DEWATERING
 BASINS A1 AND A2 WOULD BE TO DISCHARGE TO
 THE EXISTING ROADSIDE DITCH ALONG GUNNISON
 ROAD. DISPERSION PIPES ARE AN ALTERNATIVE
 THAT IS CONSISTENT WITH THE AIP.

NOTE:
 CONVERSION OF TEMP. SEDIMENT
 BASIN TO PERMANENT STORMWATER
 BASIN WILL BE AT THE DISCRETION
 OF THE SEDIMENT AND EROSION
 CONTROL SPECIALIST.

- CONSTRUCTION STAGING BY SECTION**
 PHASE 1A
1. IN WORK AREA 1A.1, 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 1A.1 IS DETERMINED TO BE TEMPORARILY STABILIZED (STEPS 18-22), CONSTRUCTION MAY BEGIN IN WORK AREA 1A.2.
 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 BERM, 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.

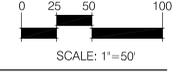
- EARTHWORK AND SITE CONSTRUCTION**
11. GRUB STUMPS IN SEDIMENT BASIN LOCATIONS, EXCAVATE SEDIMENT BASINS AND SHAPE TEMPORARY DIVERSION SWALES.
 12. STABILIZE SEDIMENT BASINS AND DIVERSION SWALES.
 13. INSTALL CHECKDAMS AS REQUIRED.
 14. GRUB REMAINING STUMPS, BEGIN ROUGH GRADING.
 15. INSTALL INFRASTRUCTURE, INCLUDING CATCH BASINS WITH INLET PROTECTION, PIPING, PERMANENT DRAINAGE STRUCTURES WITH INLET AND OUTLET PROTECTION AND GOLF COURSE IRRIGATION 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 7 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. REMOVE SEDIMENT FROM TRAPPING DEVICES.

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

LEGEND

SYMBOL	SYMBOL
PROPERTY BOUNDARY	---
WORK AREA	----
HAUL ROAD	----
SILT FENCE	-x-x-x-x-x-x-x-x-
DIVERSION SWALE	→ → → → → → → →
CONVEYANCE SWALE	→ → → → → → → →
STORMWATER PIPE	— ST — ST — ST —
WATERBAR	— WB — WB — WB —
DEWATERING DISPERSION PIPE	— DP — DP — DP — DP — DP —
SEDIMENT BASIN DEWATERING PIPE	→ → → → → → → →
SEDIMENT BASIN	-----
STABILIZED WORK AREA	-----



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