

crossroads ventures llc

DRAFT
Environmental Impact Statement

Appendix 17B

Supplemental PCN Information

(Includes Updated PCN Plan Sheets)

July 18, 2003 Letter from Army Corp of Engineers

The Belleayre Resort at Catskill Park



the LA group
Landscape Architecture
and Engineering, P.C.

40 Long Alley
Saratoga Springs
New York 12866
518/587-8100
Telefax 518/587-0180

May 1, 2003

VIA FEDERAL EXPRESS

Mr. Brian A. Orzel, Project Manager
New York District, Corps of Engineers
Western Permits Section
Jacob K. Javits Federal Building
New York, NY 10278-0090

Re: Permit Application 2000-00748-YS, By Crossroads Ventures, LLC

Dear Mr. Orzel;

This letter is in response to your letter of February 12, 2003. Items presented below follow the order of the items as they appear in your letter.

1. Revised Drawing Set

As per your request, Sheets MP-1, MP-4 and SG-1 through SG-9 (SG sheets) have been modified to include wetland ID numbers from Tables 1 and 2, MP-1 and MP-4 show the outlines/match lines for the SG sheets, and a reduced version of PCN Table 5 has been added to all sheets. Additionally, all impact areas listed in Table 5 are individually labeled and their limits shown on the SG sheets. The Table 5 impact ID number is indicated in parenthesis and the acreage is provided for each of the shaded impact areas.

You had requested that a number of the SG sheets include details shown on some of the smaller figures included with the January 10 PCN. In order to keep the full size sheets at a legible scale and show sufficient level of detail, the smaller figures have been compiled and put on three full size Detail Sheets at the end of the drawing set (D sheets). Wetland ID numbers have also been added to some of these figures as appropriate.

2. Water and Wastewater Plants

No discharges are proposed from any of the water treatment plants. No filtration is required at any of the three locations, therefore no backwash or other procedures that will require liquid discharge to an outfall are required.

The wastewater treatment plant on Big Indian Plateau will at times discharge to Birch Creek (See Sheet MP-4 for outfall location). All activities associated with the outfall are proposed above the ordinary high water mark (OHWM) as shown on the detail sheets within the revised drawing set (Sheet D-2, Figures 17 and 17A). The piping for the wastewater will be within the access road and no wetland utility line crossings are required.

Since we last submitted information to you a new surface outfall option has been designed for the wastewater treatment plant at Wildacres (See Sheet MP-1 and Figure 18 on Detail Sheet D-3). Like the Big Indian Plateau wastewater treatment plant outfall, all activities for the Wildacres wastewater treatment plant outfall are proposed above the ordinary high water mark and outside of the wetlands. There are no wetlands between the treatment plant and the outfall location that would require utility line crossings.

3. Photos – Water Treatment Plant & Winding Mountain Road

Attached as per your request are sets of numbered photographs keyed to 50 scale drawings of the areas around the western water treatment plant (Silo A) as well as the Winding Mountain Road Bridge on MP-4.

There are no wetlands in the vicinity of the water treatment plant.

Birch Creek and the roadside ditch wetland along Winding Mountain Road are shown in these photos.

4. Drawing SG-1

All proposed clearing has been shaded and labeled with its size in acres and the impact ID number from Table 5. Clearing widths are also provided.

As per justification of proposed golf hole clearing widths, clearing widths are the minimum amount necessary to accommodate a playable golf hole. Golf course design principles call for general recommended minimum clearing widths of 100 to 150 feet at the tees widening out to 180 to 300 feet for the fairways and 200 to 300 feet at the greens (Graves and Cornish. 1998. Golf Course Design. John Wiley and Sons, Golf Course Developments, Urban Land Institute Technical Bulletin 70. 1974.). These distances are measured perpendicular to the centerline of the golf hole. The maximum fairway clearing width proposed is 275 feet.

Locations of golf holes and their corresponding clearing requirements were also dictated by things such as site topography and the need to avoid archeological resources on the site. Volume 1 of the DEIS previously provided to you, particularly Section 2.2.1, discusses additional factors that dictated the layout of the golf courses.

Elevated cart paths have almost always been located within the golf hole clearing limits.

The tree clearing protocols from Exhibit 6 have been revised and a copy is included on Detail Sheet D-1. The revisions deleted the alternative removal method that involved winching. This method is no longer proposed.

A revised Figure 10 has also been added to Detail Sheet D-1. The revision to this figure shows a cart path with a deck higher above existing grade. A note has also been added stating that the deck height above grade is to be equal or greater than the deck width. The great majority of the proposed decking will be 5 feet wide, but there will be some short

sections of 8-foot wide deck around the 11th hole tees. The wider decks are to provide maintenance and emergency vehicle access that otherwise would require a road crossing.

5. Drawing SG-2

All proposed clearing has been shaded and labeled with its size in acres and the impact ID number from Table 5. Clearing widths are also provided.

As per justification of proposed golf hole clearing widths, clearing widths are the minimum amount necessary to accommodate a playable golf hole. Golf course design principles call for general recommended minimum clearing widths of 100 to 150 feet at the tees widening out to 180 to 300 feet for the fairways and 200 to 300 feet at the greens (Graves and Cornish. 1998. Golf Course Design. John Wiley and Sons, Golf Course Developments, Urban Land Institute Technical Bulletin 70. 1974.). These distances are measured perpendicular to the centerline of the golf hole. The maximum fairway clearing width proposed is 275 feet.

Locations of golf holes and their corresponding clearing requirements were also dictated by things such as site topography and the need to avoid archeological resources on the site. Volume 1 of the DEIS previously provided to you, particularly Section 2.2.1, discusses additional factors that dictated the layout of the golf courses.

Elevated cart paths have been located within the golf hole clearing limits.

The width of clearing proposed for the bridge is shown on the drawing.

Figure 11 has been added to Detail Sheet D-1.

6. Drawing SG-3

The pedestrian footbridge clearing limits are illustrated and the area to be affected has been labeled. The clearing width is approximately 10 feet wide, wide enough to construct the 5 foot wide footbridge.

7. Drawing SG-5

Road grading has been modified to avoid all wetland impacts from constructing the emergency access road in Woodchuck Hollow. By pulling back the grading and using a small retaining knee-wall wetland impacts are avoided.

The current grading shown on drawing SG-5 shows how wetland impacts have been avoided.

8. Drawing SG-6

Figures 12 and 13 have been added to Detail Sheet D-1.

SG-6 now includes the proposed outfall for the Big Indian Plateau wastewater treatment plant (above ordinary high water) which is shown in detail on Figure 17 which has been added to Detail Sheet D-2.

The area of excavation around the outfall would be limited to pipe trenching that will be backfilled and the area where rip rap would be placed on the south side of the stream bank. Material to be excavated and removed for rip rap placement shown on Figure 17 would be above the ordinary high water mark (none below OHWM) totaling six (6) cubic yards from an area covering 90 square feet.

Figure 17A on Detail Sheet S-2 shows the location of the proposed jersey barrier coffer dam above the ordinary high water mark with no area to be temporarily filled below the OHWM. It is envisioned that the cofferdam may be in place for a week to ten days during construction of the outfall. Right after the cofferdam is removed the proposed rip rap will be installed as per the plans. No dewatering below the OHWM will be required.

9. Drawing SG-7

Figure 16 has been added to Detail Sheet D-2.

As per item 2 above, photos of the Winding Mountain Road bridge area keyed to a 50 scale map are enclosed. Photos 1 and 2 best illustrate the area of proposed wetland fill.

The limits of the area to be filled are shaded on SG-7 and the acreage of the area is also included on the drawing.

10. Drawing SG-8

Figure 15 has been added to Detail Sheet D-2.

11. Employee Parking Lot

A 100 scale drawing of the employee parking lot off of Lasher Road is included as an insert on Sheet SG-10. The plan shows that no grading is proposed within waters of the US, including no grading within wetlands for construction the parking lot and its stormwater detention basin.

12. Mitigation Plans

The compensatory mitigation that was proposed in the original submission consisted of the preservation of stream corridors and a substantial upland buffer along these stream corridors. This included approximately 1,200 feet of Todd Mountain Brook (near Todd Mountain Road on Adelstein parcel to remain undeveloped) near the westernmost portion of Sheet MP-1. Also proposed was a minimum 25 foot wide protective buffer zone on either side of the brook in Giggle Hollow below the proposed bridge crossing, a length of 3,000 feet. Together these two total over $\frac{3}{4}$ of a mile of proposed preserved stream corridors. The majority of the very limited impacts (i.e. less than 0.1 acre) proposed to waters of the United States on these 1,960 acres of property occur as a result of rebuilding an existing bridged road crossing over a stream and building three new bridged road crossings. Given these circumstances, preservation of existing stream corridors and the unregulated and unprotected upland buffers is a method of compensatory mitigation that is endorsed by the nationwide permit regulations. See the nationwide permit Federal Register Notice of January 15, 2002 at page 2093.

Also, although the impacts to regulated wetlands are truly minimal being far less than 0.1 acres, the applicant has proposed to preserve 6.09 acres of wetlands on the Adelstein parcel (See drawing MP-1). These wetlands are, moreover, surrounded by substantial upland acreage that will eventually be protected as well, if and when the overall project is approved as part of the extensive state environmental review process. For purposes of this PCN, however, the preservation of the stream corridors and upland buffer, as well as the wetlands, as described above and in the original submission is a more than substantial and sufficient offer of compensatory mitigation.

13. Fill Less Than 0.1 Acres

As demonstrated in Item 7 above, the road in Woodchuck Hollow has been adjusted to avoid wetland impacts, including wetland fills, and total project fills are below 0.1 acre.

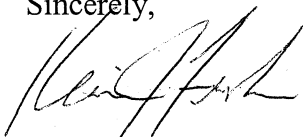
An application for a Water Quality Certification for the project has already been submitted to the New York State Department of Environmental Conservation.

14. Submitted Drawings

Eight (8) sets of MP, SG and D drawings are enclosed as requested in your letter.

I trust that with the submission of these materials the 45-day review period under the "Notification" general condition of the Nationwide General Permits can commence. Please feel free to contact me should you have any questions regarding the information we have provided.

Sincerely,



Kevin J. Franke

For

The LA Group, P.C.

Enc.

cc. (no Enc.) Ken Graham
Terresa Bakner

the LA group
Landscape Architecture
and Engineering, P.C.
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BELLEAYRE
RESORT AT
CATSKILL
PARK

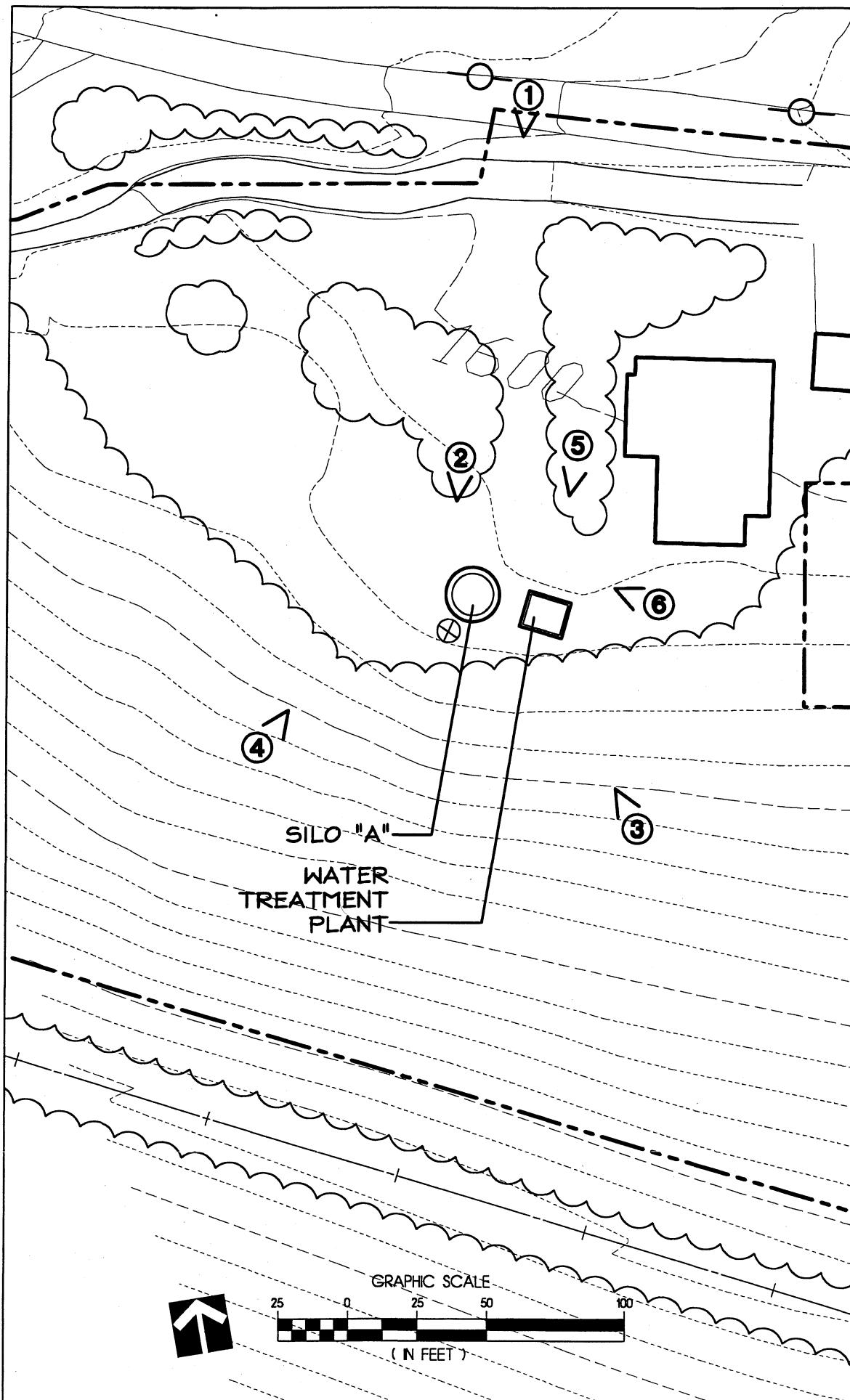
DRAFT
ENVIRONMENTAL
IMPACT
STATEMENT

WATER
TREATMENT
PLANT
LOCATION
MAP

Project: 00052
Date: _____

Figure

1









the LA group
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PARK

DRAFT
ENVIRONMENTAL
IMPACT
STATEMENT

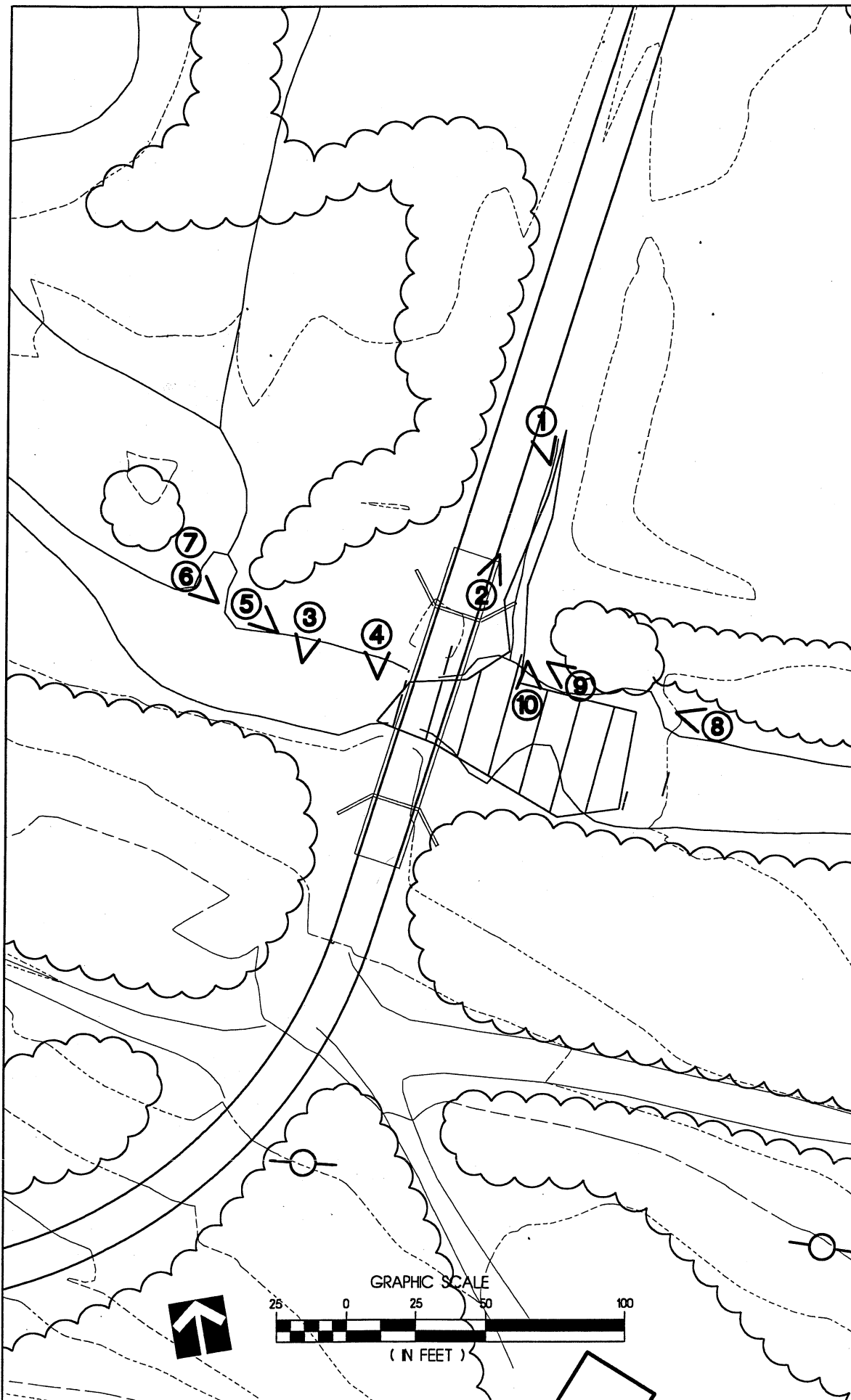
WINDING
MOUNTAIN
ROAD BRIDGE
PHOTO
LOCATION
MAP

Project: 00052

Date: _____

Figure

2

























the LA group
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May 30, 2003

Mr. Brian A. Orzel
US Army Corps of Engineers
Jacob J. Javits Federal Building
New York, NY 10278-0090

**Re: Permit Application Number 2000-00748-YS
By Crossroads Ventures, LLC**

Dear Mr. Orzel;

This letter and attached materials are in response to your letter of May 23, 2003.

Silo "A" Access. No activities within the waters of the US or wetlands are required to provide access to Silo "A". A note has been added to Sheet MP-4 indicating that the existing bridge from Bonnieview Road over the unnamed tributary to Birch Creek will be used to access Silo "A". Eight copies of revised Sheet MP-4 are enclosed. Also enclosed are two photographs, numbered 1 and 2, showing the existing bridge with its concrete headwalls, steel beam supports and wooden decking. Photo number 1 is a view north with Bonnieview Road in the background. Photo 2 is a view south from Bonnieview Road.

Silo "A" Utility Lines. No activities within the waters of the US or wetlands are required for utility lines associated with Silo "A". As stated in our previous submittal, there are no outfalls associated with Silo "A". Electric service to the site is on existing overhead lines. The proposed eight-inch water main from Silo "A" will not cross through any wetlands or waters of the US.

Enclosed is a copy of Delaware Engineering Sheet 3, "Big Indian Plateau/Belleayre Highlands Water System". This Sheet shows the water main from Silo "A" running uphill to the south to a point where it intersects the abandoned railroad tracks. (The unnamed tributary to Birch Creek is to the north of Silo "A".) The water main then runs along the railroad tracks for a distance of approximately 900 feet. The enclosed photos 3 through 9 were taken along the route of the water main and the railroad tracks. Photo locations are shown on Sheet 3. The water main will then be installed under Woodchuck Hollow Road, including a bridge attachment where the road crosses over the brook in Woodchuck Hollow. The water line is then brought into the project site from Woodchuck Hollow Road underneath the existing overhead utility lines. No wetlands or waters of the US are present along the overhead utility lines.

Figures 17 and 17A. Figures 17 and 17A on Sheet D-2 have been revised to clarify the proposed outfall and the wetland boundary. Eight copies of revised Sheet D-2 are

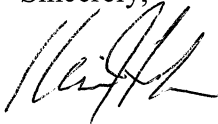
attached. The plan and section views in these detail figures now include the delineated wetland boundaries and illustrate how the outfall and associated riprap are proposed outside the wetland boundary (and above the ordinary high water mark).

Stream Corridor and Wetland Preservation. The proposed stream corridor and wetland preservation areas are shown on revised Sheets MP-1 and MP-4 that are enclosed. Also included on Sheets MP-1 and MP-4 is a note in the legend of how the preservation areas are to be protected by a filed deed restriction that will ensure no further development, i.e. construction of structures or grading, in those areas but instead their preservation for wildlife and passive recreational opportunities.

I trust that with the provision of this information the 45-day review period under the "Notification" general condition of the Nationwide General Permits can commence.

Please contact me should you have any questions regarding the information we have provided.

Sincerely,



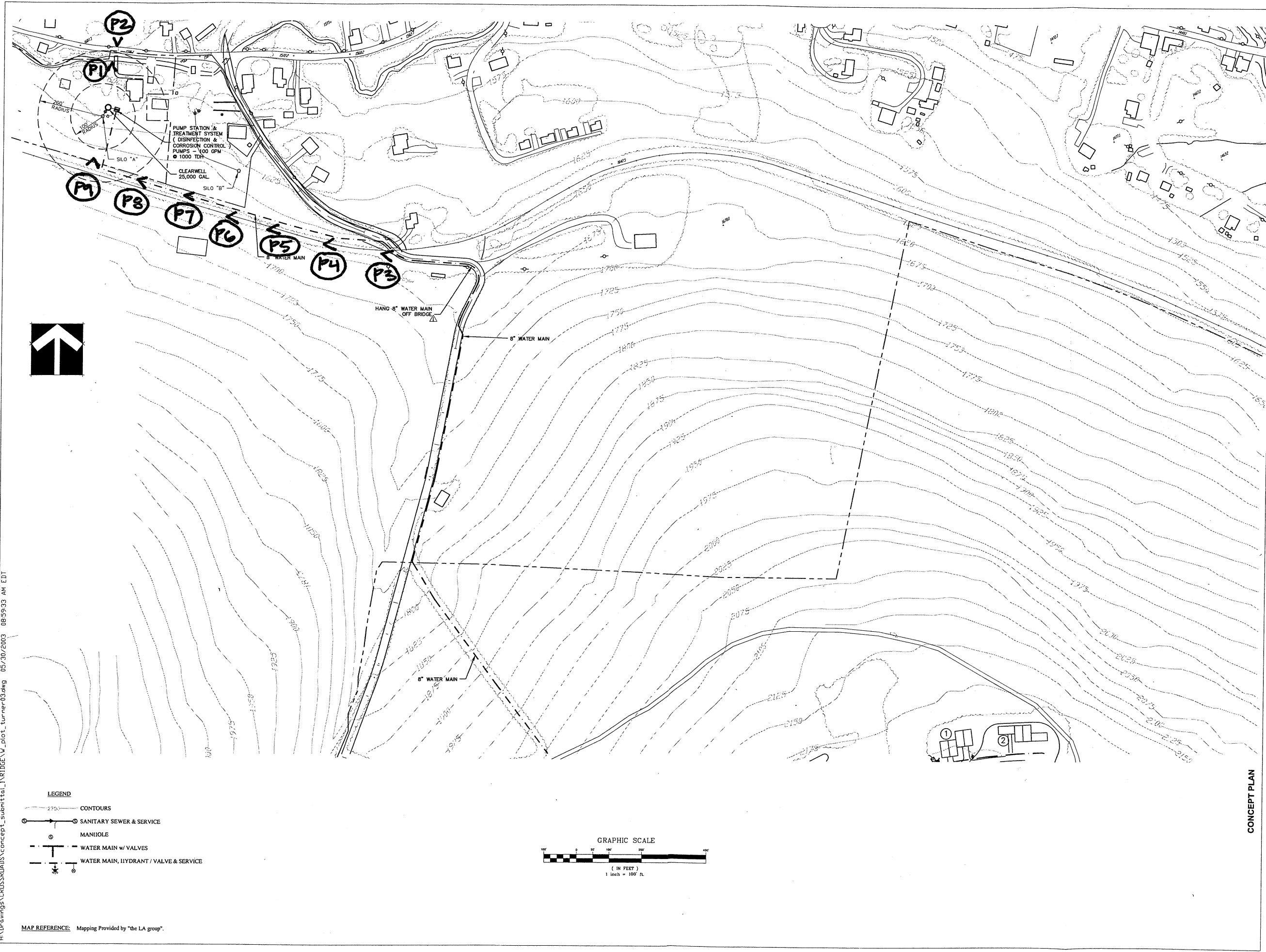
Kevin J. Franke

For

The LA Group, P.C.

Enc.

cc. (no enc.) Ken Graham
Terresa Bakner



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 Delaware Engineering, PC
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 Drawn KJ
 Checked GTK

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 Albany, NY 12205-1883
 518/486-0098

Survey Consultant:
 Butler Eng. & Surveying, PC
 175 East Washington Street
 Margaretville, NY 12455
 847/386-2400

Cost Estimate Architect:
 Lowe Enterprises and Assoc.
 215 Augusta St.
 Solana Beach, CA 92688
 812/838-3679

Hydrogeologic Consultant:
 Alpha Geoscience
 1071 Troy-Schoenfeld Rd.
 Latham, NY 12110
 518/783-1805

Recreation Planning:
 ST Group
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 Burlington, VT 05401
 802/862-0088

Design Consultant:
 Emily Ambrose
 8 East 82nd St.
 New York, NY 10021
 212/751-5517

Design Consultant:
 Bart/Sweeney
 Robert Lamb-Hart
 10 East 45th St.
 New York, NY 10018
 212/683-5631

Design Consultant:
 Blue Dog Design
 175 East Washington Street
 Orlando, Florida 32803
 407/894-0037

Contract:
 Whiteman, Osterman, & Hanna
 One Commerce Plaza
 Albany, NY 12250
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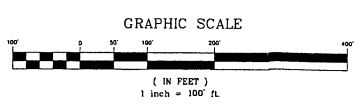
PREPARED FOR:
CROSSROADS VENTURES LLC.
 P.O. BOX 267
 MT. TREMPER, NY 12457

BIG INDIAN PLATEAU / BELLEA YRE HIGHLANDS
 WATER SYSTEM

Revisions
 1. 3/30/03
 Project
 Date 11/15/02
 CAD #
 Drawing
 3

H:\Drawings\CROSSROADS\concept_submittal_1\bridge_w_plot_turner03.dwg 05/30/2003 08:59:33 AM EDT

- LEGEND**
- 2750 --- CONTOURS
 - SANITARY SEWER & SERVICE
 - MANIOLE
 - WATER MAIN w/ VALVES
 - WATER MAIN, HYDRANT / VALVE & SERVICE



MAP REFERENCE: Mapping Provided by "the LA group".

PHOTO LOCATION MAP



Photo 1. Bridge to Silo A, view north.



Photo 2. Bridge to Silo A, view south.



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo 8



Photo 9



DEPARTMENT OF THE ARMY
NEW YORK DISTRICT, CORPS OF ENGINEERS
JACOB K. JAVITS FEDERAL BUILDING
NEW YORK, N.Y. 10278-0090

REPLY TO
ATTENTION OF:

Regulatory Branch

JUL 18 2003

SUBJECT: Permit Application Number 2000-00748-YS
by Crossroads Ventures, LLC

Richard P. Futyma
The LA Group, P.C.
40 Long Alley
Saratoga Springs, New York 12866

Dear Mr. Futyma:

On January 15, 2003, the New York District Corps of Engineers received a request for Department of the Army authorization for the discharge of fill material into waters of the United States for the construction of road crossings in association with the construction of the Belleayre Resort at Catskill Park. The site is located in the Town of Shandaken, Ulster County, New York and the Town of Middletown, Delaware County, New York.

By letter dated February 15, 2002, this office confirmed the extent of waters of the United States within the project boundary. These waters of the United States consist of approximately 17.27 acres.

The work would be accomplished in accordance with the submittals entitled "Wildacres Resort With The Highmount Golf Club & Highmount Estates Master Plan", Drawing MP-1; "Big Indian Resort & Spa Big Indian Country Club Belleayre Highlands Master Plan", Drawing MP-4; "Wildacres Resort With The Highmount Golf Club Grading Plan", Drawings SG-1 through SG-3; "Wildacres Resort Highmount Estates Grading Plan", Drawing SG-4; "Big Indian Plateau Belleayre Highlands Grading Plan", Drawing SG-5; "Big Indian Plateau Big Indian Resort & Spa Big Indian Country Club Grading Plan", Drawings SG-6 through SG-10; "Belleayre Resort At Catskill Park PCN Details", Drawings D-1 through D-3; all prepared by the LA Group Landscape Architecture and Engineering, P.C., Drawings MP-1, MP-4, and SG-1 through SG-10 dated December 11, 2002, Drawings D-1 through D-3 dated April 15, 2003, Drawings SG-1 through SG-4 last revised April 22, 2003, and Drawings SG-5 through SG-10 last revised April 28, 2003.

The above referenced drawings indicate that the total impacts to waters of the United States would involve the discharge of fill material into a maximum of 0.0993 acres of wetlands in association with the construction of bridges and golf cart paths. Woody vegetation within approximately 2.51 acres of jurisdictional waters would be cleared to allow golf balls to be hit over the wetlands. As described in the above referenced drawings, no discharge of fill material would occur in association with the clearing of the woody vegetation. Within most of these cleared areas, elevated golf cart paths would be constructed on 10-inch diameter concrete piers. Approximately 3,000 linear feet of Giggie Hollow Brook, 6.39 acres of waters of the United States, including wetlands, and 1.90 acres of isolated, non-jurisdictional waters, would be permanently protected by a deed restriction, as mitigation.

Based on the information submitted to this office, and accomplishment of notification in accordance with the applicable federal requirements, our review of the project indicates that an individual permit is not required. It appears that the activities within the jurisdiction of this office could be accomplished under Department of the Army Nationwide General Permit Number 14. The nationwide permits are prescribed as an Issuance of Nationwide Permits in the Federal Register dated January 15, 2002 (67 FR 2020). The work may be performed without further authorization from this office provided the activity complies with the permit conditions listed in Section B, No. 14, Section C, any applicable New York District regional conditions, the following special conditions, and any applicable regional conditions added by the State of New York, copies enclosed.

Special Conditions

(A) The permittee shall comply with all of the stipulations set forth in the letter from the New York State Office of Parks, Recreation and Historic Preservation (SHPO), dated January 6, 2003. Copies of all correspondence with the SHPO shall be forwarded to this office in order to comply with the requirements of Section 106 of the National Historic Preservation Act.

(B) The permittee shall secure a conservation easement or deed restriction on the mitigation sites, as described above, to guarantee their preservation for wetland and wildlife resources. Copies of the instrument(s) effecting such easement shall be submitted to the New York District Corps of Engineers for approval prior to execution, and the instrument(s) shall be executed and recorded with the Delaware and Ulster County Registrars of Deeds within one year of the commencement of jurisdictional activities on site.

This determination covers only the work described in the submitted material. Any major changes in the project may require additional authorizations from the New York District.

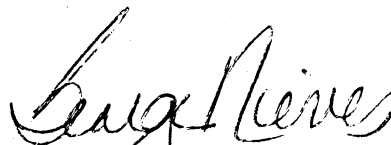
Care should be taken so that construction materials, including debris, do not enter any waterway to become drift or pollution hazards. You are to contact the appropriate state and local government officials to ensure that the subject work is performed in compliance with their requirements.

This verification is valid for a period of two years from the date of this letter, unless the nationwide permit is modified, suspended or revoked. This verification will remain valid for two years from the date of this letter if the activity complies with the terms of any subsequent modifications of the nationwide permit authorization. If the nationwide permits are suspended, revoked, or modified in such a way that the activity would no longer comply with the terms and conditions of a nationwide permit, and the proposed activity has commenced, or is under contract to commence, the permittee shall have 12 months from the date of such action to complete the activity.

Within 30 days of the completion of the activity authorized by this permit and any mitigation required by this permit, you are to sign and submit the attached compliance certification form to this office.

If any questions should arise concerning this matter, please contact Brian A. Orzel, of my staff, at (212) 264-0183.

Sincerely,



FOR/ Richard L. Tomer
Chief, Regulatory Branch

Enclosures

cf: NYSDEC - Region 3
Town of Middletown
Town of Shandaken



DEPARTMENT OF THE ARMY
NEW YORK DISTRICT, CORPS OF ENGINEERS
JACOB K. JAVITS FEDERAL BUILDING
NEW YORK, N.Y. 10278-0090

REPLY TO
ATTENTION OF:

CENAN-OP-RH

NATIONWIDE PERMIT COMPLIANCE CERTIFICATION AND REPORT FORM

Permittee: Crossroads Ventures, LLC Permit No. 2000-00748

Date Permit Issued: JUL 18 2003

Location: Town of Shandaken, Ulster County, New York and
Town of Middletown, Delaware County, New York

Within 30 days of the completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the address at the bottom of this form.

Please note that your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification or revocation.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of said permit, and required mitigation was completed in accordance with the permit conditions.

Signature of Permittee

Date

Fold this form into thirds, with the bottom third facing outward. Tape it together and mail to the address below or FAX to (212) 264-4260.

Place Stamp
Here

Department of the Army
New York District Corps of Engineers
Jacob K. Javits Federal Building
ATTN: CENAN-OP-RH
New York, New York 10278-0090



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Design DRC
Drawn BMP
Checked DRC

Engineering Consultant:
Belleaire Engineering PC
25 Madison Ave. Ext.
Albany, NY 12205-1883
518/450-1250

Traffic Consultant:
Cragdon-Manning Eng., LLP
4 Alton Place
Albany, NY 12205-1883
518/448-0386

Survey Consultant:
Eckley, Inc. & Surveying, PC
P.O. Box 896
Westerlo, NY 12455
845/598-2400

Golf Course Architect:
Lyze Enterprises and Assoc.
315 Augusta St.
St. Simons Island, GA 31522
912/688-8978

Hydrogeologic Consultant:
Alpha Geoscience
679 Plank Road
Clifton Park, NY 12065
518/348-6985

Recreation Planning:
SP Group
156 College St.
Burlington, VT 05401
802/862-0088

Design Consultant:
Engilo Ambrose
8 East 40th St.
New York, NY 10016
212/757-5617

Design Consultant:
Hart/Howerton
Robert Lamb-Hart
19 Park 40th St.
New York, NY 10016
212/689-5831

Design Consultant:
Blue Dog Design
1701 East Washington Street
Orlando, Florida 32803
407/894-0037

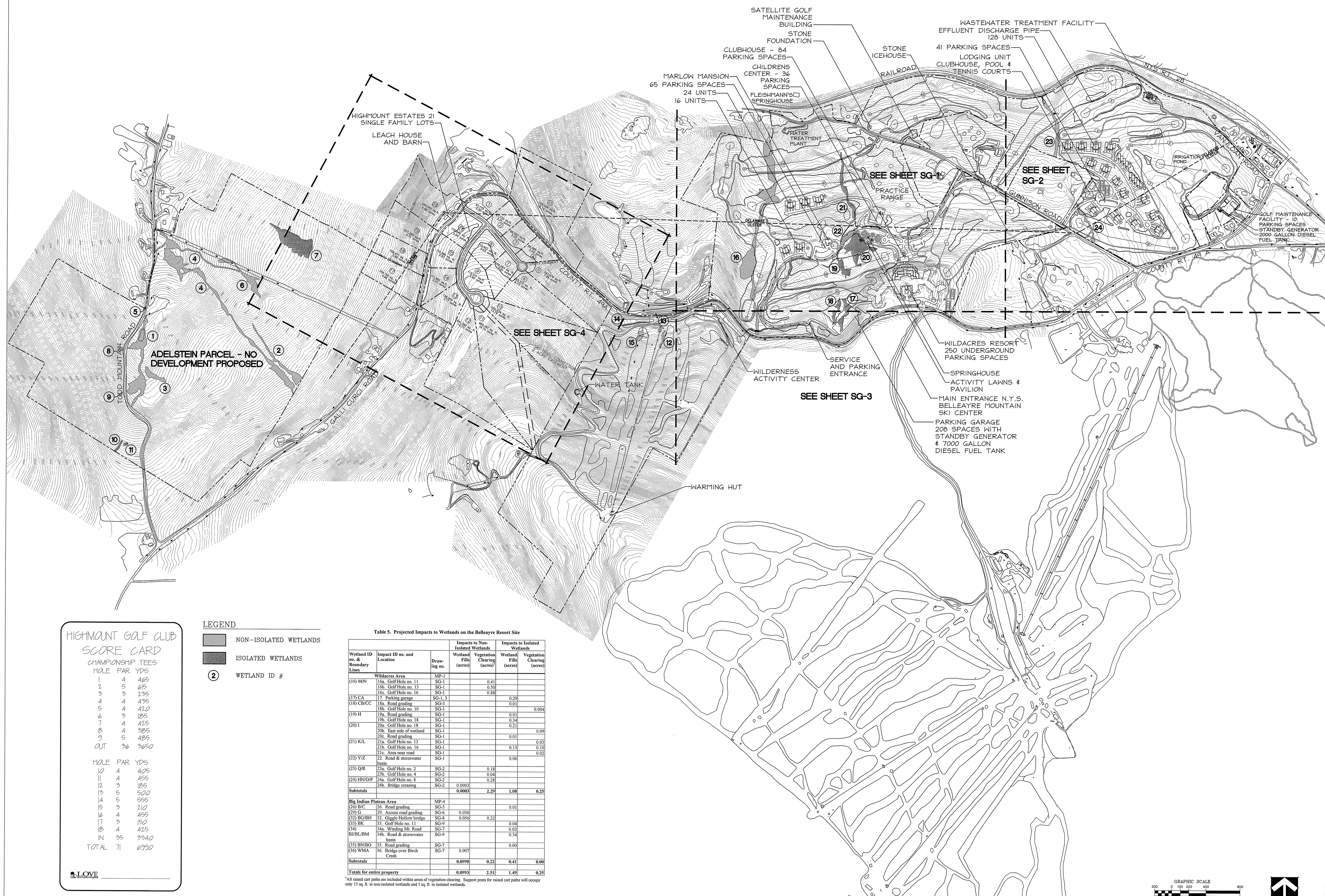
Counsel:
Whitman, Osterman, & Hanna
One Commerce Plaza
Albany, NY 12203
518/487-7800

PREPARED FOR:
CROSSROADS VENTURES LLC.
P.O. BOX 267
MT. TREMPER, NY 12457

WILDACRES RESORT WITH THE
HIGHMOUNT GOLF CLUB &
HIGHMOUNT ESTATES
THE MASTER PLAN

Revisions

Project 00052
Date 12/11/02
CAD # 0052WILD
Drawing
MP-1



HIGHMOUNT GOLF CLUB
SCORE CARD
CHAMPIONSHIP TEES

HOLE	PAR	YDS
1	4	465
2	5	615
3	3	235
4	4	435
5	4	420
6	3	185
7	4	425
8	4	385
9	5	485
OUT	36	3650
HOLE	PAR	YDS
10	4	405
11	4	455
12	3	185
13	5	500
14	5	555
15	3	210
16	4	455
17	3	190
18	4	425
IN	35	3340
TOTAL	71	6990

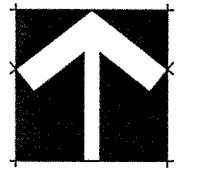
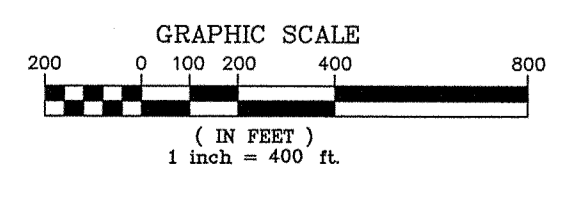
LEGEND

	NON-ISOLATED WETLANDS
	ISOLATED WETLANDS
	WETLAND ID #

Table 5. Projected Impacts to Wetlands on the Belleaire Resort Site

Wetland ID no. & Boundary Lines	Impact ID no. and Location	Drawing no.	Impacts to Non-Isolated Wetlands		Impacts to Isolated Wetlands	
			Wetland Fills (acres)	Vegetation Clearing (acres)	Wetland Fills (acres)	Vegetation Clearing (acres)
(16) M/N	16a. Golf Hole no. 11	MP-1		0.41		
	16b. Golf Hole no. 13	SG-1		0.30		
	16c. Golf Hole no. 16	SG-1		0.88		
(17) CA	17. Parking garage	SG-1, 3		0.29		
(18) CB/CC	18a. Road grading	SG-3		0.01		
	18b. Golf Hole no. 10	SG-1				0.004
(19) H	19a. Road grading	SG-1		0.01		
	19b. Golf Hole no. 18	SG-1		0.34		
(20) I	20a. Golf Hole no. 18	SG-1		0.21		
	20b. East side of wetland	SG-1				0.09
	20c. Road grading	SG-1		0.01		
(21) K/L	21a. Golf Hole no. 13	SG-1				0.03
	21b. Golf Hole no. 16	SG-1		0.13		0.10
	21c. Area near road	SG-1				0.02
(22) Y/Z	22. Road & stormwater basin	SG-1		0.06		
(23) Q/R	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
(24) HN/OP	24a. Golf Hole no. 8	SG-2		0.28		
	24b. Bridge crossing	SG-2	0.0003			
Subtotals			0.0003	2.29	1.08	0.25
Big Indian Plateau Area						
(26) B/C	26. Road grading	MP-4				
	29. Access road grading	SG-5		0.01		
(29) G	29. Access road grading	SG-6	0.036			
(32) BK/BH	32. Gingle Hollow bridge	SG-4	0.056	0.22		
(33) BK	33. Golf Hole no. 11	SG-9				0.04
(34)	34a. Winding Mt. Road	SG-7		0.02		
BJ/BL/BM	34b. Road & stormwater basin	SG-9		0.34		
(35) BN/BO	35. Road grading	SG-7		0.00		
(36) WMA	36. Bridge over Birch Creek	SG-7	0.007			
Subtotals			0.0990	0.22	0.41	0.00
Totals for entire property			0.0993	2.51	1.49	0.25

*All raised cart paths are included within areas of vegetation clearing. Support posts for raised cart paths will occupy only 15 sq. ft. in non-isolated wetlands and 5 sq. ft. in isolated wetlands.





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Drawn BMP

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WILDACRES RESORT WITH THE
HIGHMOUNT GOLF CLUB
THE GRADING PLAN

Revisions
04/22/03

Project 00052
Date 12/11/02
CAD # 002WILD

Drawing
SG-1



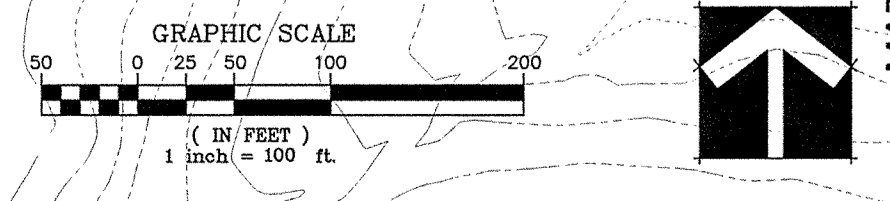
Table 5. Projected Impacts to Wetlands on the Belleayre Resort Site

Wetland ID no. & Boundary Lines	Impact ID no. and Location	Drawing no.	Impacts to Non-Isolated Wetlands		Impacts to Isolated Wetlands	
			Wetland Fills (acres)	Vegetation Clearing (acres)	Wetland Fills (acres)	Vegetation Clearing (acres)
Wildacres Area						
(16) MN	15a. Golf Hole no. 11	SG-1		0.41		
	15b. Golf Hole no. 13	SG-1		0.38		
	15c. Golf Hole no. 16	SG-1		0.88		
(17) CA	17. Parking garage	SG-1, 3		0.29		
(18) CB/CC	18a. Road grading	SG-3		0.01		0.004
	18b. Golf Hole no. 10	SG-1				
(19) H	19a. Road grading	SG-1		0.01		
	19b. Golf Hole no. 18	SG-1		0.34		
(20) I	20a. Golf Hole no. 18	SG-1		0.21		
	20b. East side of wetland	SG-1				0.09
	20c. Road grading	SG-1		0.01		
(21) KL	21a. Golf Hole no. 13	SG-1		0.13		0.03
	21b. Golf Hole no. 16	SG-1		0.10		
	21c. Area near road	SG-1				0.02
(22) YZ	22. Road & stormwater basin	SG-1		0.06		
(23) QR	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
(24) HN/OP	24a. Golf Hole no. 8	SG-2		0.28		
	24b. Bridge crossing	SG-2	0.0003			
Subtotals			0.0003	2.29	1.08	0.25
Big Indian Plateau Area						
(25) BC	25. Road grading	SG-5			0.01	
(29) G	29. Access road grading	SG-6		0.036		
(32) BG/BH	32. Gingle Hollow bridge	SG-8		0.056	0.22	
(33) BK	33. Golf Hole no. 11	SG-9			0.04	
(34)	34a. Winding Mt. Road	SG-7		0.02		
	34b. Road & stormwater basin	SG-9		0.34		
(35) BN/BO	35. Road grading	SG-7		0.00		
(36) WMA	36. Bridge over Birch Creek	SG-7	0.007			
Subtotals			0.0090	0.22	0.41	0.00
Totals for entire property			0.0093	2.51	1.49	0.25

* All missed cut paths are included within areas of vegetation clearing. Support posts for missed cut paths will occupy only 15 sq. ft. in non-isolated wetlands and 5 sq. ft. in isolated wetlands.

LEGEND

- NON-ISOLATED WETLANDS
- ISOLATED WETLANDS
- CLEARING
- FILLING
- WETLAND ID #
- IMPACT ID # & ACREAGE



MATCHLINE SHEET SG-3

MATCHLINE SHEET SG-2

MATCHLINE SHEET SG-3



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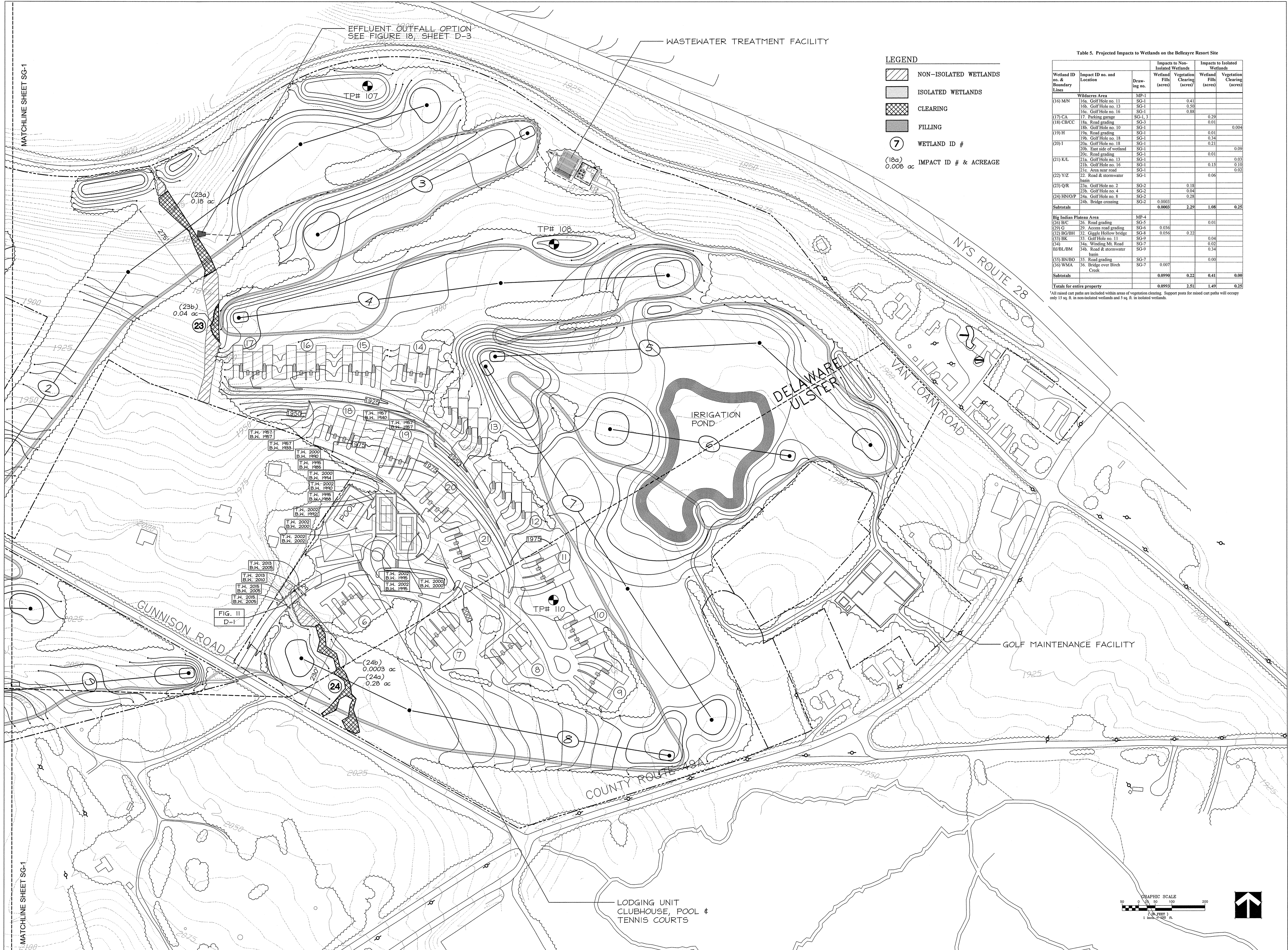
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WILDACRES RESORT WITH THE
HIGHMOUNT GOLF CLUB
THE GRADING PLAN

Revisions
04/22/03

Project 00052
Date 12/11/02
CAD # 0052WILD

Drawing
SG-2



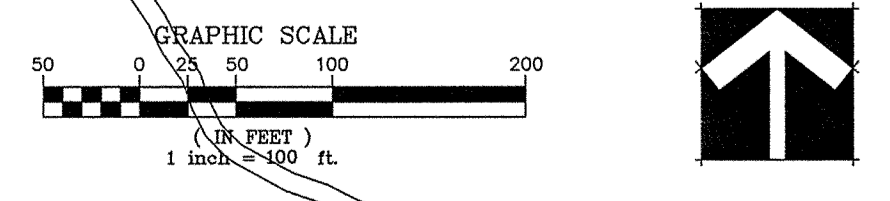
LEGEND

- NON-ISOLATED WETLANDS
- ISOLATED WETLANDS
- CLEARING
- FILLING
- WETLAND ID #
- (18a) 0.006 ac IMPACT ID # & ACREAGE

Table 5. Projected Impacts to Wetlands on the Belleayre Resort Site

Wetland ID no. & Boundary Lines	Impact ID no. and Location	Drawing no.	Impacts to Non-Isolated Wetlands		Impacts to Isolated Wetlands	
			Wetland Fills (acres)	Vegetation Clearing (acres)	Wetland Fills (acres)	Vegetation Clearing (acres)
Wildacres Area						
(16) MN	16a. Golf Hole no. 11	SG-1		0.41		
	16b. Golf Hole no. 13	SG-1		0.50		
	16c. Golf Hole no. 16	SG-1		0.88		
(17) CA	17. Parking garage	SG-1, 3		0.29		
(18) CWCC	18a. Road grading	SG-3		0.01		0.004
	18b. Golf Hole no. 10	SG-1				
(19) H	19a. Road grading	SG-1		0.01		
	19b. Golf Hole no. 18	SG-1		0.34		
(20) I	20a. Golf Hole no. 18	SG-1		0.21		
	20b. East side of wetland	SG-1				0.09
	20c. Road grading	SG-1		0.01		
(21) K/L	21a. Golf Hole no. 13	SG-1				0.03
	21b. Golf Hole no. 16	SG-1		0.15		0.10
	21c. Area near road	SG-1				0.02
(22) Y/Z	22. Road & stormwater basin	SG-1		0.06		
(23) Q/R	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
(24) HNO/P	24a. Golf Hole no. 8	SG-2		0.28		
	24b. Bridge crossing	SG-2	0.0003			
Subtotals			0.0003	2.29	1.08	0.25
Big Indian Plateau Area						
(26) B/C	26. Road grading	SG-5			0.01	
(29) G	29. Access road grading	SG-6	0.036			
(32) BG/BH	32. Gingsco Hollow bridge	SG-8	0.056	0.22		
(33) BK	33. Golf Hole no. 11	SG-9		0.04		
(34)	34a. Winding Mt. Road	SG-7		0.02		
RH/LB/M	34b. Road & stormwater basin	SG-9		0.34		
(35) BN/BO	35. Road grading	SG-7		0.007		
(36) WMA	36. Bridge over Birch Creek	SG-7				
Subtotals			0.0990	0.22	0.41	0.00
Totals for entire property			0.0993	2.51	1.49	0.25

*All raised cart paths are included within areas of vegetation clearing. Support posts for raised cart paths will occupy only 15 sq. ft. in non-isolated wetlands and 5 sq. ft. in isolated wetlands.



108
MATCHLINE SHEET SG-1



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Drawn BMP

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WILDACRES RESORT WITH THE
HIGHMOUNT GOLF CLUB
THE GRADING PLAN

Revisions
04/22/03

Project 00052
Date 12/11/02
CAD # 0052WILD
Drawing
SG-3

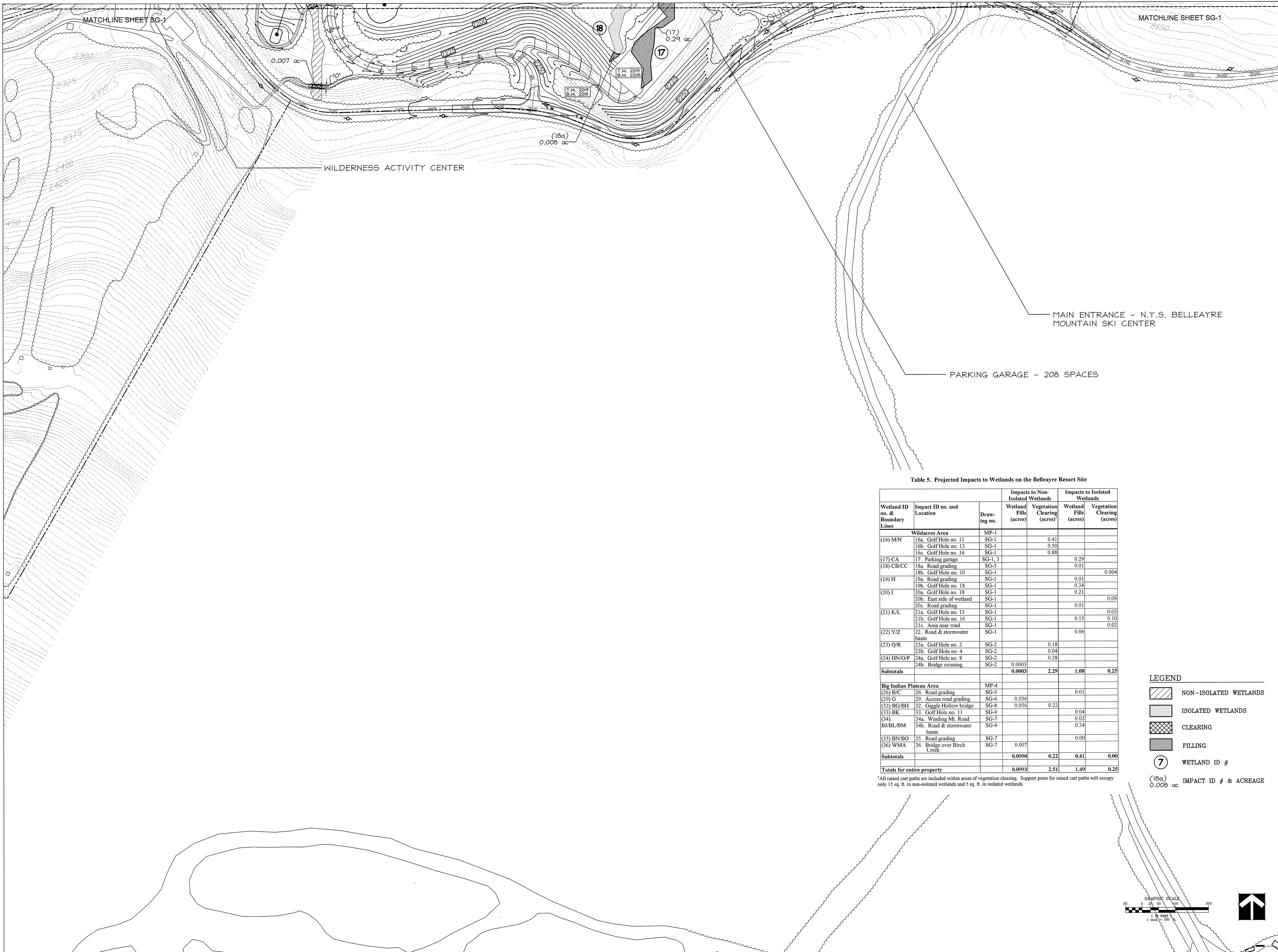


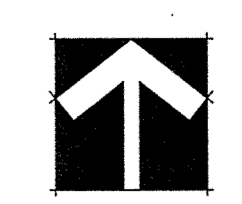
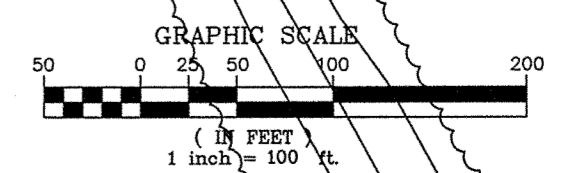
Table 5. Projected Impacts to Wetlands on the Belleayre Resort Site

Wetland ID no. & Boundary Lines	Impact ID no. and Location	Drawing no.	Impacts to Non-Isolated Wetlands		Impacts to Isolated Wetlands	
			Wetland Fills (acres)	Vegetation Clearing (acres)	Wetland Fills (acres)	Vegetation Clearing (acres)
Wildacres Area						
(16) MN	16a. Golf Hole no. 11	SG-1		0.41		
	16b. Golf Hole no. 13	SG-1		0.50		
	16c. Golf Hole no. 16	SG-1		0.88		
(17) CA	17. Parking garage	SG-1, 3			0.29	
(18) CB/CC	18a. Road grading	SG-3			0.01	
	18b. Golf Hole no. 10	SG-1				0.004
(19) H	19a. Road grading	SG-1			0.01	
	19b. Golf Hole no. 18	SG-1			0.34	
(20) I	20a. Golf Hole no. 18	SG-1			0.21	
	20b. East side of wetland	SG-1				0.09
	20c. Road grading	SG-1			0.01	
(21) K/L	21a. Golf Hole no. 13	SG-1				0.03
	21b. Golf Hole no. 16	SG-1			0.15	0.10
	21c. Area near road	SG-1				0.02
(22) Y/Z	22. Road & stormwater basin	SG-1			0.06	
(23) Q/R	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
(24) HN/O/P	24a. Golf Hole no. 8	SG-2		0.28		
	24b. Bridge crossing	SG-2	0.0003			
Subtotals			0.0003	2.29	1.08	0.25
Big Indian Plateau Area						
(26) B/C	26. Road grading	SG-5			0.01	
(29) G	29. Access road grading	SG-6	0.036			
(32) BG/BH	32. Giggie Hollow bridge	SG-8	0.056	0.22		
(33) BK	33. Golf Hole no. 11	SG-9			0.04	
(34)	34a. Winding Mt. Road	SG-7			0.02	
BJ/BL/BM	34b. Road & stormwater basin	SG-9			0.34	
(35) BN/BO	35. Road grading	SG-7			0.00	
(36) WMA	36. Bridge over Birch Creek	SG-7	0.007			
Subtotals			0.0990	0.22	0.41	0.00
Totals for entire property			0.0993	2.51	1.49	0.25

*All raised cart paths are included within areas of vegetation clearing. Support posts for raised cart paths will occupy only 15 sq. ft. in non-isolated wetlands and 5 sq. ft. in isolated wetlands.

LEGEND

- NON-ISOLATED WETLANDS
- ISOLATED WETLANDS
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- FILLING
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WILDACRES RESORT
HIGHMOUNT ESTATES
THIS GRADING PLAN

Revisions
04/22/03

Project 00052
Date 12/11/02
CAD # 0052WILD

Drawing
SG-4

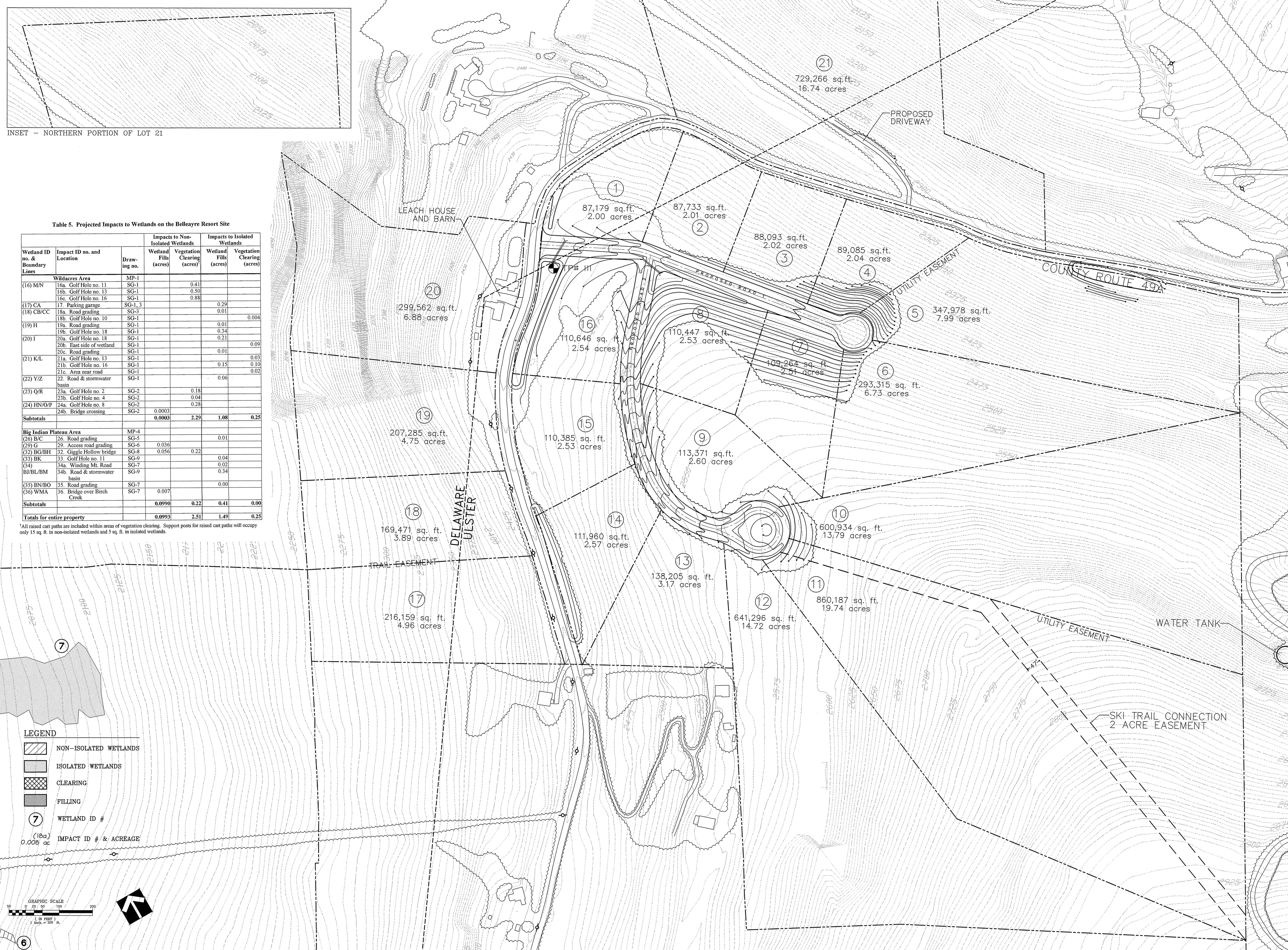


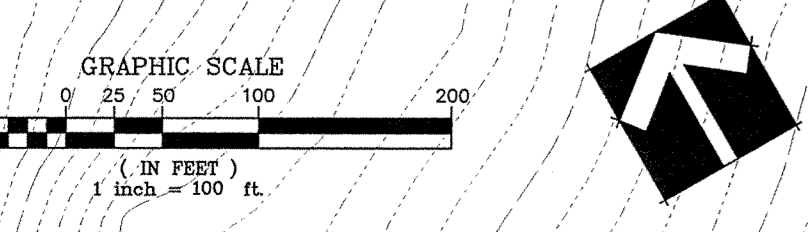
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Wildacres Area						
(16) MN	16a. Golf Hole no. 11	SG-1		0.41		
	16b. Golf Hole no. 13	SG-1		0.50		
	16c. Golf Hole no. 16	SG-1		0.88		
(17) CA	17. Parking garage	SG-1.3			0.29	
(18) CB/CC	18a. Road grading	SG-3		0.01		
	18b. Golf Hole no. 10	SG-1				0.004
(19) H	19a. Road grading	SG-1		0.01		
	19b. Golf Hole no. 18	SG-1		0.34		
(20) I	20a. Golf Hole no. 18	SG-1		0.21		
	20b. East side of wetland	SG-1				0.09
	20c. Road grading	SG-1		0.01		
(21) K/L	21a. Golf Hole no. 13	SG-1				0.03
	21b. Golf Hole no. 16	SG-1		0.15		0.10
	21c. Area near road	SG-1				0.02
(22) Y/Z	22. Road & stormwater basin	SG-1				0.06
(23) Q/R	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
(24) HN/O/P	24a. Golf Hole no. 8	SG-2		0.28		
	24b. Bridge crossing	SG-2	0.0003			
Subtotals			0.0003	2.29	1.08	0.25
Big Indian Plateau Area						
(25) B/C	26. Road grading	MP-4				0.01
(29) G	29. Access road grading	SG-5	0.036			
(32) BG/BH	32. Giggie Hollow bridge	SG-8	0.056	0.22		
(33) BK	33. Golf Hole no. 11	SG-9				0.04
(34)	34a. Winding Mt. Road	SG-7				0.02
BJ/BL/BM	34b. Road & stormwater basin	SG-9				0.34
(35) BN/BO	35. Road grading	SG-7				0.00
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Subtotals			0.0990	0.22	0.41	0.00
Totals for entire property			0.0993	2.51	1.49	0.25

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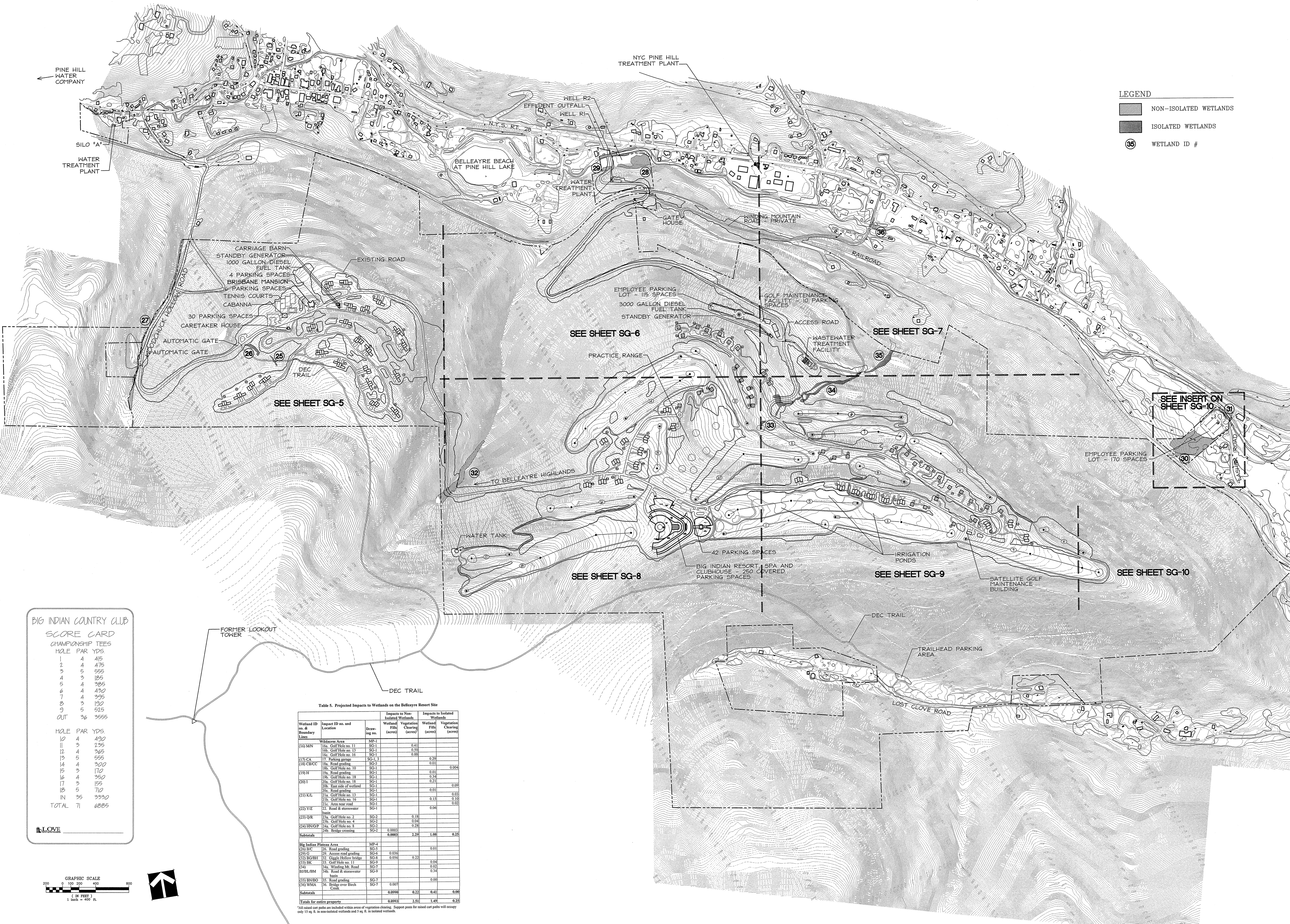
**BIG INDIAN RESORT & SPA
BIG INDIAN COUNTRY CLUB
BELLEAYRE HIGHLANDS
THE MASTER PLAN**

Revisions

Project 00052
Date 12/11/02
CAD # 0052RIDE

Drawing

MP-4



LEGEND
 [Hatched Box] NON-ISOLATED WETLANDS
 [Solid Black Box] ISOLATED WETLANDS
 [Circle with Number] WETLAND ID #

**BIG INDIAN COUNTRY CLUB
SCORE CARD**

CHAMPIONSHIP TEES

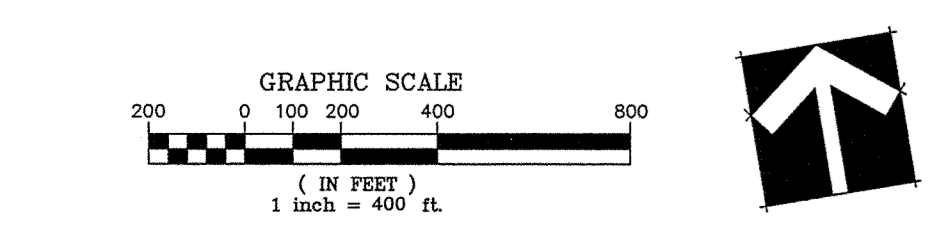
HOLE	PAR	YDS.
1	4	415
2	4	475
3	5	555
4	3	185
5	4	385
6	4	420
7	4	395
8	3	130
9	5	525
OUT	36	3555

HOLE	PAR	YDS.
10	4	430
11	3	235
12	4	365
13	5	555
14	4	300
15	3	170
16	4	350
17	3	155
18	5	70
IN	35	3330
TOTAL	71	6885

Table 5. Projected Impacts to Wetlands on the Belleayre Resort Site

Wetland ID no. & Boundary Lines	Impact ID no. and Location	Drawing no.	Impacts to Non-Isolated Wetlands		Impacts to Isolated Wetlands	
			Wetland PBL (acres)	Vegetation Clearing (acres)	Wetland PBL (acres)	Vegetation Clearing (acres)
(16) MN	16a. Golf Hole no. 11	SG-1		0.41		
	16b. Golf Hole no. 13	SG-1		0.56		
	16c. Golf Hole no. 16	SG-1		0.83		
(17) CA	17. Parking garage	SG-1, 3			0.26	0.01
(18) CBCC	18a. Road grading	SG-2			0.01	0.004
	18b. Golf Hole no. 10	SG-1			0.01	
(19) H	19a. Road grading	SG-1			0.34	0.21
	19b. Golf Hole no. 18	SG-1			0.01	
(20) I	20a. Golf Hole no. 18	SG-1			0.01	0.09
	20b. East side of wetland	SG-1			0.01	
	20c. Road grading	SG-1			0.15	0.03
(21) K/L	21a. Golf Hole no. 13	SG-4			0.15	0.10
	21b. Golf Hole no. 16	SG-1			0.06	0.02
	21c. Area near road	SG-1				
(22) Y/Z	22. Road & stormwater basin	SG-1			0.18	0.04
(23) O/R	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
	23c. Golf Hole no. 8	SG-2		0.33		
(24) H/V/O/P	24a. Golf Hole no. 8	SG-2	0.0000	0.0000	2.20	1.08
	24b. Bridge crossing	SG-2				0.25
Subtotals			0.0000	0.0000	2.20	1.08
Big Indian Plateau Area						
(25) BK	25. Road grading	SG-5			0.03	
(26) G	26. Access road grading	SG-6		0.036		
(27) BQ/BH	27. Gigafo Hollow bridge	SG-8		0.056	0.22	0.04
(31) BK	31. Golf Hole no. 11	SG-9			0.02	
(34)	34a. Winding Mt. Road	SG-7			0.34	
(30) BL/RM	30a. Road & stormwater basin	SG-9			0.06	
(35) BN/BO	35. Road grading	SG-7		0.067		
(36) W/A	36. Bridge over Birch Creek	SG-7			0.22	0.41
Subtotals			0.0996	0.22	0.41	0.00
Totals for entire property			0.0996	0.22	2.51	1.48

1 All wetland cut paths are included within areas of vegetation clearing. Support paths for raised cut paths will occupy only 13 sq. ft. in non-isolated wetlands and 3 sq. ft. in isolated wetlands.





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Drawn BMP

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**BIG INDIAN PLATEAU
BELLEAYRE HIGHLANDS**
THE GRADING PLAN

Revisions
04/28/03

Project 00052
Date 12/11/02
CAD # 0052RIDGE

Drawing
SG-5



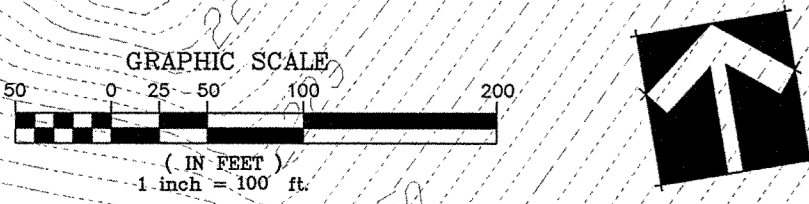
Table 5. Projected Impacts to Wetlands on the Belleayre Resort Site

Wetland ID no. & Boundary Lines	Impact ID no. and Location	Drawing no.	Impacts to Non-Isolated Wetlands		Impacts to Isolated Wetlands	
			Wetland Fills (acres)	Vegetation Clearing (acres)	Wetland Fills (acres)	Vegetation Clearing (acres)
Wildacres Area						
(16) M/N	16a. Golf Hole no. 11	MP-1		0.41		
	16b. Golf Hole no. 13	SG-1		0.50		
	16c. Golf Hole no. 16	SG-1		0.88		
(17) CA	17. Furling garage	SG-1, 3			0.29	
(18) CB/CC	18a. Road grading	SG-3			0.01	
	18b. Golf Hole no. 10	SG-1				0.004
(19) H	19a. Road grading	SG-1			0.01	
	19b. Golf Hole no. 18	SG-1			0.34	
(20) I	20a. Golf Hole no. 18	SG-1			0.21	
	20b. East side of wetland	SG-1				0.09
(21) K/L	21a. Golf Hole no. 13	SG-1			0.01	0.03
	21b. Golf Hole no. 16	SG-1			0.15	0.10
	21c. Area near road	SG-1				0.02
(22) Y/Z	22. Road & stormwater basin	SG-1			0.06	
(23) Q/R	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
(24) HN/O/P	24a. Golf Hole no. 8	SG-2		0.28		
	24b. Bridge crossing	SG-2	0.0003			
Subtotals			0.0003	2.29	1.08	0.25
Big Indian Plateau Area						
(26) B/C	26. Road grading	MP-4			0.01	
(29) G	29. Access road grading	SG-5		0.036		
(32) BG/BH	32. Gagle Hollow bridge	SG-8	0.056	0.22		
(33) BK	33. Golf Hole no. 11	SG-9			0.04	
(34)	34a. Winding Mt. Road	SG-7			0.02	
BJ/BL/BM	34b. Road & stormwater basin	SG-9			0.34	
	35. Road grading	SG-7			0.00	
(36) WMA	36. Bridge over Birch Creek	SG-7	0.007			
Subtotals			0.0990	0.22	0.41	0.00
Totals for entire property			0.0993	2.51	1.49	0.25

*All raised cart paths are included within areas of vegetation clearing. Support posts for raised cart paths will occupy only 15 sq. ft. in non-isolated wetlands and 5 sq. ft. in isolated wetlands.

LEGEND

- NON-ISOLATED WETLANDS
- ISOLATED WETLANDS
- CLEARING
- FILLING
- WETLAND ID #
- IMPACT ID # & ACREAGE





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Drawn BMP

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**BIG INDIAN PLATEAU
BIG INDIAN RESORT & SPA
BIG INDIAN COUNTRY CLUB**
THE GRADING PLAN

Revisions
04/28/03

Project 00052
Date 12/11/02
CAD # 0082RIDGE

Drawing
SG-6

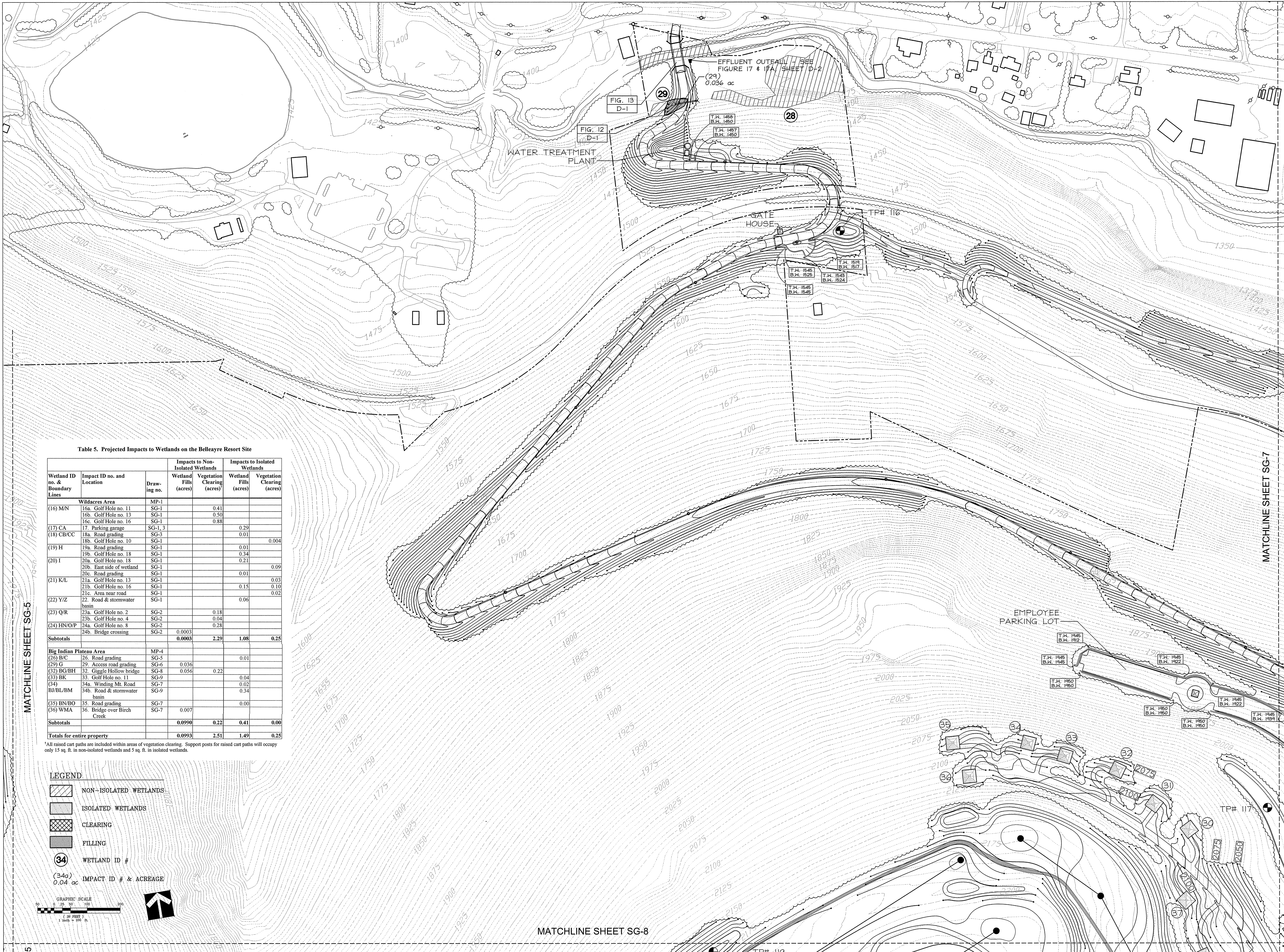


Table 5. Projected Impacts to Wetlands on the Belleayre Resort Site

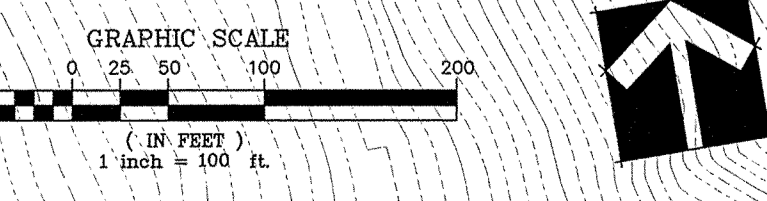
Wetland ID no. & Boundary Lines	Impact ID no. and Location	Drawing no.	Impacts to Non-Isolated Wetlands		Impacts to Isolated Wetlands	
			Wetland Fills (acres)	Vegetation Clearing (acres)	Wetland Fills (acres)	Vegetation Clearing (acres)
Wildacres Area						
(16) M/N	16a. Golf Hole no. 11	MP-1		0.41		
	16b. Golf Hole no. 13	SG-1		0.50		
(17) CA	17c. Golf Hole no. 16	SG-1		0.88		
	17. Parking garage	SG-1, 3			0.29	
(18) CB/CC	18a. Road grading	SG-3			0.01	
	18b. Golf Hole no. 10	SG-1				0.004
(19) H	19a. Road grading	SG-1			0.01	
	19b. Golf Hole no. 18	SG-1			0.34	
(20) I	20a. Golf Hole no. 18	SG-1			0.21	
	20b. East side of wetland	SG-1			0.01	0.09
(21) K/L	21a. Golf Hole no. 13	SG-1			0.15	0.03
	21b. Golf Hole no. 16	SG-1			0.15	0.10
(22) Y/Z	21c. Area near road	SG-1				0.02
	22. Road & stormwater basin	SG-1				0.06
(23) Q/R	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
(24) HN/OP	24a. Golf Hole no. 8	SG-2		0.28		
	24b. Bridge crossing	SG-2	0.0003			
Subtotals			0.0003	2.29	1.08	0.25
Big Indian Plateau Area						
(25) B/C	26. Road grading	SG-5			0.01	
(29) G	29. Access road grading	SG-6	0.036			
(32) BG/BH	32. Gravel Hollow bridge	SG-8	0.056	0.22		
(33) BK	33. Golf Hole no. 11	SG-9			0.04	
(34) BJ/BL/BM	34a. Winding Mt. Road	SG-7			0.02	
	34b. Road & stormwater basin	SG-9			0.34	
(35) BN/BO	35. Road grading	SG-7			0.00	
(36) WMA	36. Bridge over Birch Creek	SG-7	0.007			
Subtotals			0.0990	0.22	0.41	0.00
Totals for entire property			0.0993	2.51	1.49	0.25

*All raised cart paths are included within areas of vegetation clearing. Support posts for raised cart paths will occupy only 15 sq. ft. in non-isolated wetlands and 5 sq. ft. in isolated wetlands.

LEGEND

- NON-ISOLATED WETLANDS
- ISOLATED WETLANDS
- CLEARING
- FILLING
- WETLAND ID #
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(34a)
0.04 ac





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Drawn BMP

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**BIG INDIAN PLATEAU
BIG INDIAN RESORT & SPA
BIG INDIAN COUNTRY CLUB**
THE GRADING PLAN

Revisions
04/28/03

Project 00052
Date 12/11/02
CAD # 0052RIDGE

Drawing
SG-7

Table 5. Projected Impacts to Wetlands on the Belleayre Resort Site

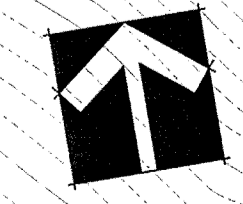
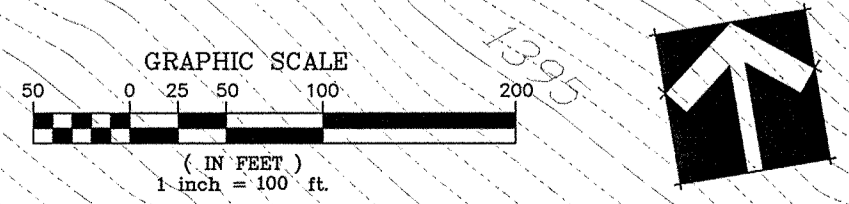
Wetland ID no. & Boundary Lines	Impact ID no. and Location	Drawing no.	Impacts to Non-Isolated Wetlands		Impacts to Isolated Wetlands	
			Wetland Fills (acres)	Vegetation Clearing (acres)	Wetland Fills (acres)	Vegetation Clearing (acres)
Wildacres Area			MP-1			
(16) M/N	16a. Golf Hole no. 11	SG-1		0.41		
	16b. Golf Hole no. 13	SG-1		0.50		
	16c. Golf Hole no. 16	SG-1		0.88		
(17) CA	17. Parking garage	SG-1, 3			0.29	
(18) CB/CC	18a. Road grading	SG-3			0.01	
	18b. Golf Hole no. 10	SG-1				0.004
(19) H	19a. Road grading	SG-1		0.01		
	19b. Golf Hole no. 18	SG-1		0.34		
(20) I	20a. Golf Hole no. 18	SG-1		0.21		
	20b. East side of wetland	SG-1				0.09
	20c. Road grading	SG-1			0.01	
(21) K/L	21a. Golf Hole no. 13	SG-1				0.03
	21b. Golf Hole no. 16	SG-1			0.15	0.10
	21c. Area near road	SG-1				0.02
(22) Y/Z	22. Road & stormwater basin	SG-1			0.06	
(23) Q/R	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
(24) HN/O/P	24a. Golf Hole no. 8	SG-2		0.28		
	24b. Bridge crossing	SG-2	0.0003			
Subtotals			0.0003	2.29	1.08	0.25
Big Indian Plateau Area			MP-4			
(25) B/C	25. Road grading	SG-5			0.01	
(29) G	29. Access road grading	SG-6	0.036			
(32) BG/BH	32. Giggles Hollow bridge	SG-8	0.056	0.22		
(33) BK	33. Golf Hole no. 11	SG-9			0.04	
(34)	34a. Winding Mt. Road	SG-7			0.02	
BJ/BL/BM	34b. Road & stormwater basin	SG-9			0.34	
(35) BN/BO	35. Road grading	SG-7	0.007		0.00	
(36) WMA	36. Bridge over Birch Creek	SG-7				
Subtotals			0.0990	0.22	0.41	0.00
Totals for entire property			0.0993	2.51	1.49	0.25

*All raised cart paths are included within areas of vegetation clearing. Support posts for raised cart paths will occupy only 15 sq. ft. in non-isolated wetlands and 5 sq. ft. in isolated wetlands.



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Drawn BMP

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**BIG INDIAN PLATEAU
BIG INDIAN RESORT & SPA
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THE GRADING PLAN

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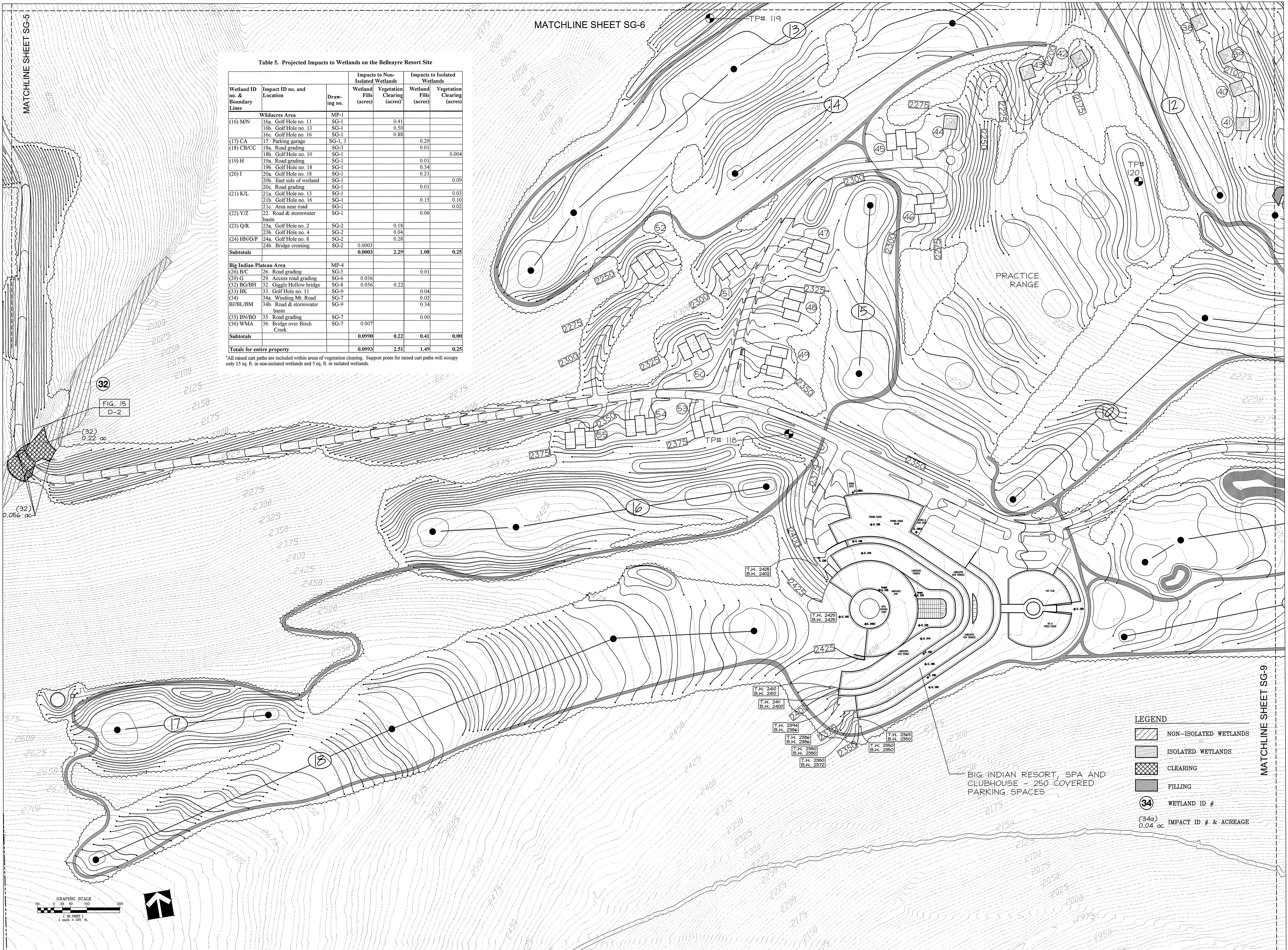
Drawing
SG-8

MATCHLINE SHEET SG-6

Table 5. Projected Impacts to Wetlands on the Belleayre Resort Site

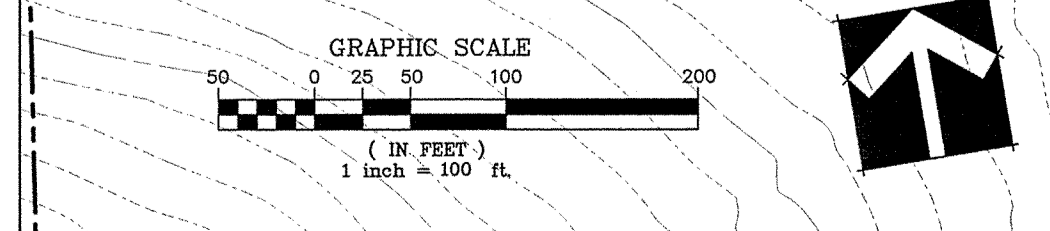
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(16) MN	16a. Golf Hole no. 11	SG-1		0.41		
	16b. Golf Hole no. 13	SG-1		0.50		
	16c. Golf Hole no. 16	SG-1		0.88		
(17) CA	17. Parking garage	SG-1, 3			0.29	
(18) CB/CC	18a. Road grading	SG-3			0.01	
	18b. Golf Hole no. 10	SG-1				0.004
(19) H	19a. Road grading	SG-1			0.01	
	19b. Golf Hole no. 18	SG-1			0.34	
(20) I	20a. Golf Hole no. 18	SG-1			0.21	
	20b. East side of wetland	SG-1				0.09
	20c. Road grading	SG-1			0.01	
(21) K/L	21a. Golf Hole no. 13	SG-1				0.03
	21b. Golf Hole no. 16	SG-1			0.15	0.10
	21c. Area near road	SG-1				0.02
(22) Y/Z	22. Road & stormwater basin	SG-1			0.06	
(23) Q/R	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
(24) HN/O/P	24a. Golf Hole no. 8	SG-2		0.28		
	24b. Bridge crossing	SG-2	0.0003			
Subtotals			0.0003	2.29	1.08	0.25
Big Indian Plateau Area						
(26) B/C	26. Road grading	SG-5			0.01	
(29) G	29. Access road grading	SG-6	0.036			
(32) BG/BH	32. Giggie Hollow bridge	SG-8	0.056	0.22		
(33) BK	33. Golf Hole no. 11	SG-9				0.04
(34)	34a. Winding Mt. Road	SG-7			0.02	
BJ/BL/BM	34b. Road & stormwater basin	SG-9			0.34	
(35) BN/BO	35. Road grading	SG-7			0.00	
(36) WMA	36. Bridge over Birch Creek	SG-7	0.007			
Subtotals			0.0990	0.22	0.41	0.00
Totals for entire property			0.0993	2.51	1.49	0.25

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- CLEARING
- FILLING
- WETLAND ID #
- IMPACT ID # & ACREAGE



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 Checked **DRC**

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MATCHLINE SHEET SG-7

Table 5. Projected Impacts to Wetlands on the Belleayre Resort Site

Wetland ID no. & Boundary Lines	Impact ID no. and Location	Drawing no.	Impacts to Non-Isolated Wetlands		Impacts to Isolated Wetlands	
			Wetland Fills (acres)	Vegetation Clearing (acres)	Wetland Fills (acres)	Vegetation Clearing (acres)
Wildacres Area						
(16) M/N	16a. Golf Hole no. 11	MP-1		0.41		
	16b. Golf Hole no. 13	SG-1		0.50		
	16c. Golf Hole no. 16	SG-1		0.88		
(17) CA	17. Parking garage	SG-1, 3			0.29	
(18) CB/CC	18a. Road grading	SG-3			0.01	
	18b. Golf Hole no. 10	SG-1				0.004
(19) H	19a. Road grading	SG-1			0.01	
	19b. Golf Hole no. 18	SG-1			0.34	
(20) I	20a. Golf Hole no. 18	SG-1			0.21	
	20b. East side of wetland	SG-1				0.09
(21) K/L	21a. Golf Hole no. 13	SG-1			0.01	
	21b. Golf Hole no. 16	SG-1			0.15	0.10
	21c. Area near road	SG-1				0.02
(22) Y/Z	22. Road & stormwater basin	SG-1			0.06	
(23) Q/R	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
(24) HN/O/P	24a. Golf Hole no. 8	SG-2		0.28		
	24b. Bridge crossing	SG-2	0.0003			
Subtotals			0.0003	2.29	1.08	0.25
Big Indian Plateau Area						
(26) B/C	26. Road grading	MP-4				
(29) G	29. Access road grading	SG-5			0.01	
(32) BG/BH	32. Giggles Hollow bridge	SG-6	0.036			
(33) BK	33. Golf Hole no. 11	SG-9	0.056	0.22		
(34) BJ/BL/BM	34a. Winding Mt. Road	SG-7			0.04	
	34b. Road & stormwater basin	SG-9			0.34	
(35) BN/BO	35. Road grading	SG-7			0.00	
(36) WMA	36. Bridge over Birch Creek	SG-7	0.007			
Subtotals			0.0990	0.22	0.41	0.00
Totals for entire property			0.0993	2.51	1.49	0.25

*All raised cart paths are included within areas of vegetation clearing. Support posts for raised cart paths will occupy only 15 sq. ft. in non-isolated wetlands and 5 sq. ft. in isolated wetlands.

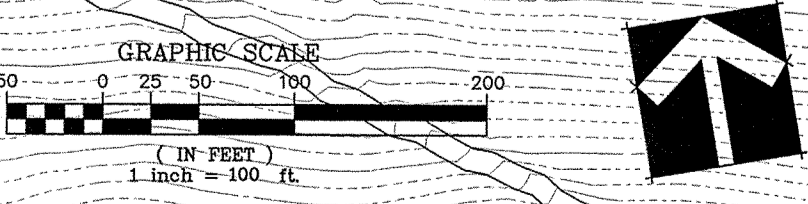


MATCHLINE SHEET SG-8

MATCHLINE SHEET SG-10

LEGEND

- NON-ISOLATED WETLANDS
- ISOLATED WETLANDS
- CLEARING
- FILLING
- WETLAND ID #
- IMPACT ID # & ACREAGE



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 MT. TEMPER, NY 12457

**BIG INDIAN PLATEAU
 BIG INDIAN RESORT & SPA
 BIG INDIAN COUNTRY CLUB**
 GRADING PLAN

Revisions
 04/28/03

Project 00052
 Date 12/11/02
 CAD # 0052RIDGE
 Drawing
SG-9

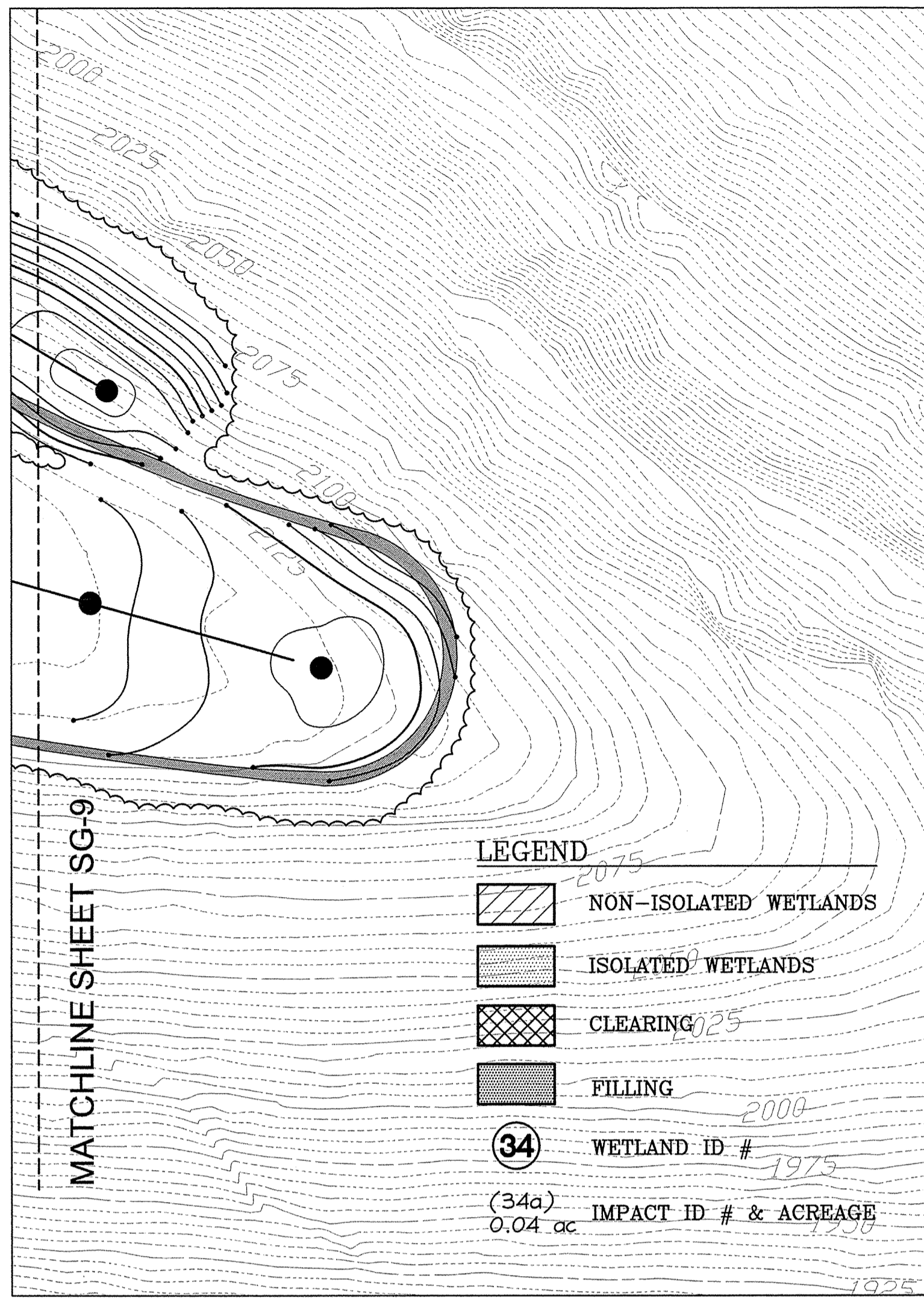
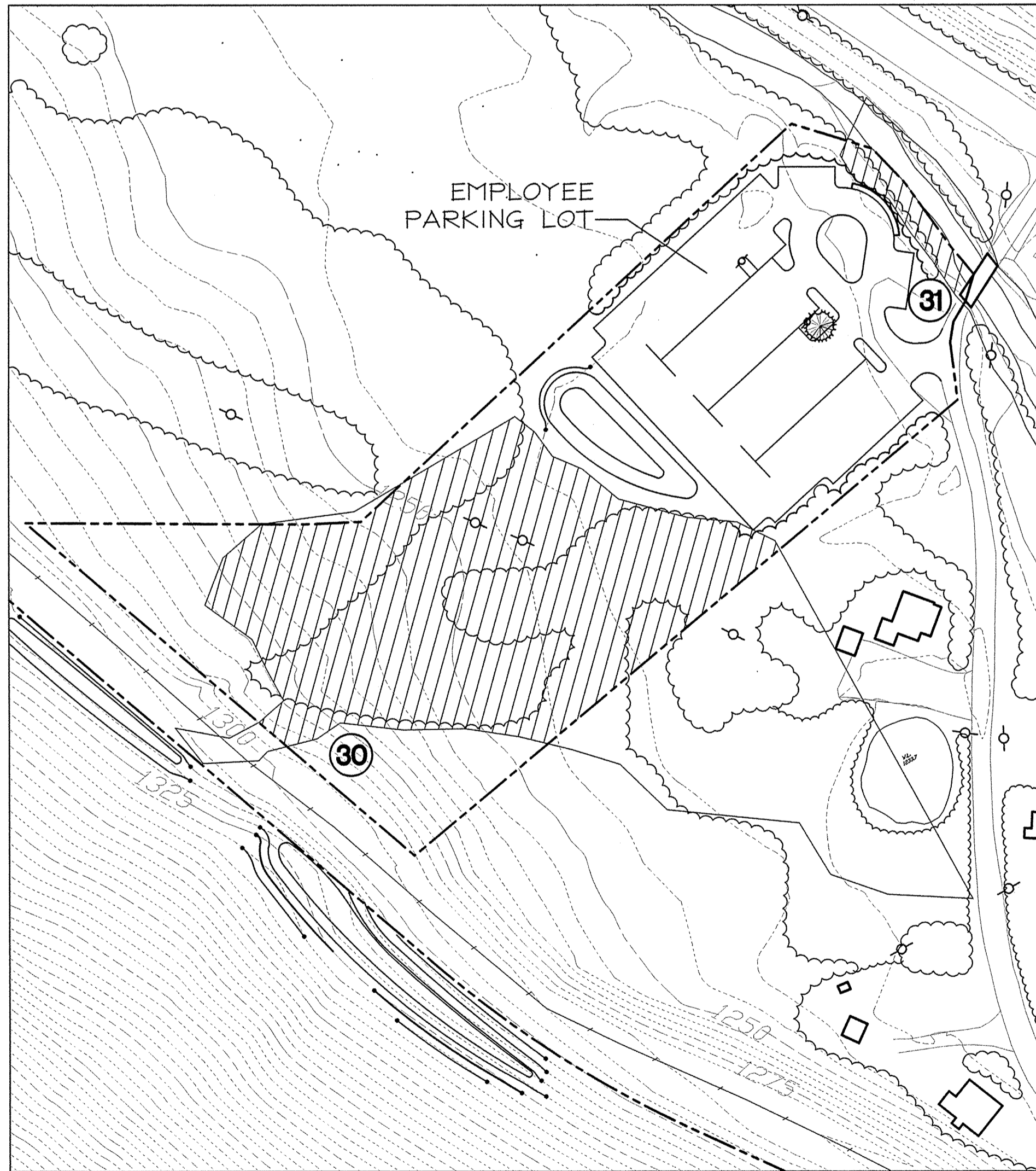


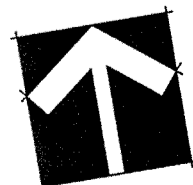
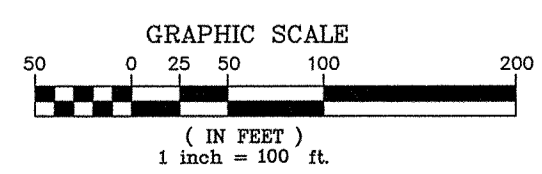
Table 5. Projected Impacts to Wetlands on the Belleayre Resort Site

Wetland ID no. & Boundary Lines	Impact ID no. and Location	Drawing no.	Impacts to Non-Isolated Wetlands		Impacts to Isolated Wetlands	
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(16) M/N	16a. Golf Hole no. 11	MP-1		0.41		
	16b. Golf Hole no. 13	SG-1		0.50		
	16c. Golf Hole no. 16	SG-1		0.88		
(17) CA	17. Parking garage	SG-1, 3			0.29	
(18) CB/CC	18a. Road grading	SG-3			0.01	
	18b. Golf Hole no. 10	SG-1				0.004
(19) H	19a. Road grading	SG-1			0.01	
(20) I	19b. Golf Hole no. 18	SG-1		0.34		
	20a. Golf Hole no. 18	SG-1		0.21		
(21) K/L	20b. East side of wetland	SG-1				0.09
	20c. Road grading	SG-1			0.01	
	21a. Golf Hole no. 13	SG-1				0.03
(22) Y/Z	21b. Golf Hole no. 16	SG-1			0.15	0.10
	21c. Area near road	SG-1				0.02
	22. Road & stormwater basin	SG-1			0.06	
(23) Q/R	23a. Golf Hole no. 2	SG-2		0.18		
	23b. Golf Hole no. 4	SG-2		0.04		
(24) HN/O/P	24a. Golf Hole no. 8	SG-2		0.28		
	24b. Bridge crossing	SG-2	0.0003			
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(35) BN/BO	35. Road grading	SG-7			0.00	
(36) WMA	36. Bridge over Birch Creek	SG-7	0.007			
Subtotals			0.0990	0.22	0.41	0.00
Totals for entire property			0.0993	2.51	1.49	0.25

*All raised cart paths are included within areas of vegetation clearing. Support posts for raised cart paths will occupy only 15 sq. ft. in non-isolated wetlands and 5 sq. ft. in isolated wetlands.



LASHER ROAD EMPLOYEE PARKING LOT



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**BIG INDIAN PLATEAU
RESORT & SPA
BIG INDIAN COUNTRY CLUB**
The GRADING PLAN

Revisions
04/28/03

Project 00052
Date 12/11/02
CAD # 0052RIDGE
Drawing

SG-10

Selective Wetland Tree Removal Protocols

Removal of trees will be done in such a manner as to minimize soil disturbance to the maximum extent practicable. The wetland tree removal methods, as described below, will be contained in the Construction Specifications that will be developed for soliciting bids for project construction.

- All trees will be felled by hand using chain saws. Stumps will be left in place.
- When construction scheduling allows, activities will be performed in the winter when there is snow cover and frozen ground conditions. Under frozen ground and snow cover conditions trees will be felled, sectioned, and winched out of wetland areas using machinery operating from upland locations. At the discretion of the Contractor, some trees will not be sectioned prior to winching them out of wetlands. These trees will be winched out of the wetland so that the weight of the winched tree is supported and distributed by the crown of the winched tree.
- During times when the ground is not frozen and there is no snow cover, some felled trees will be removed by lifting them out of wetlands, and some felled trees, or portions thereof will be left in place.

Wetland Edges

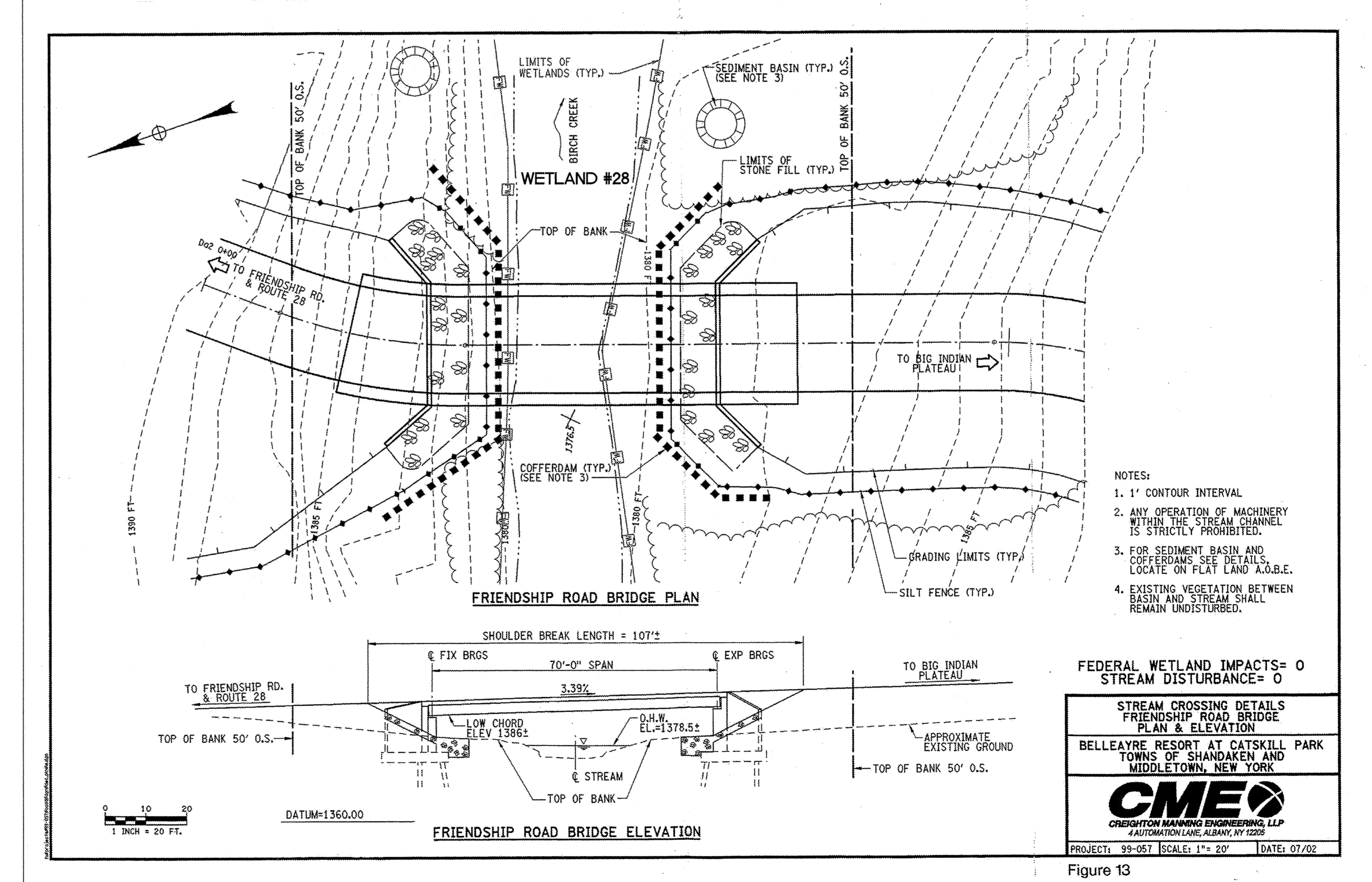
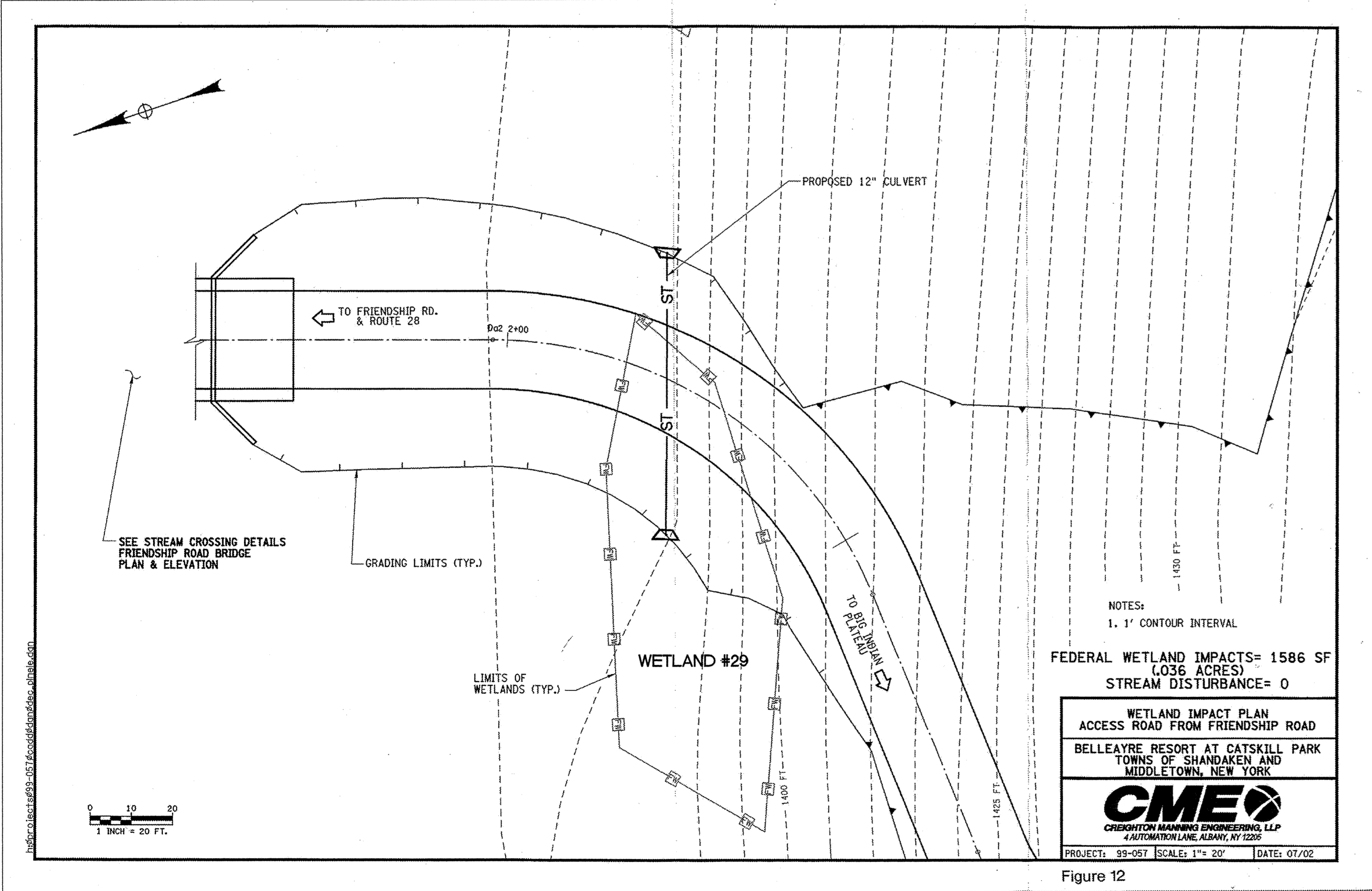
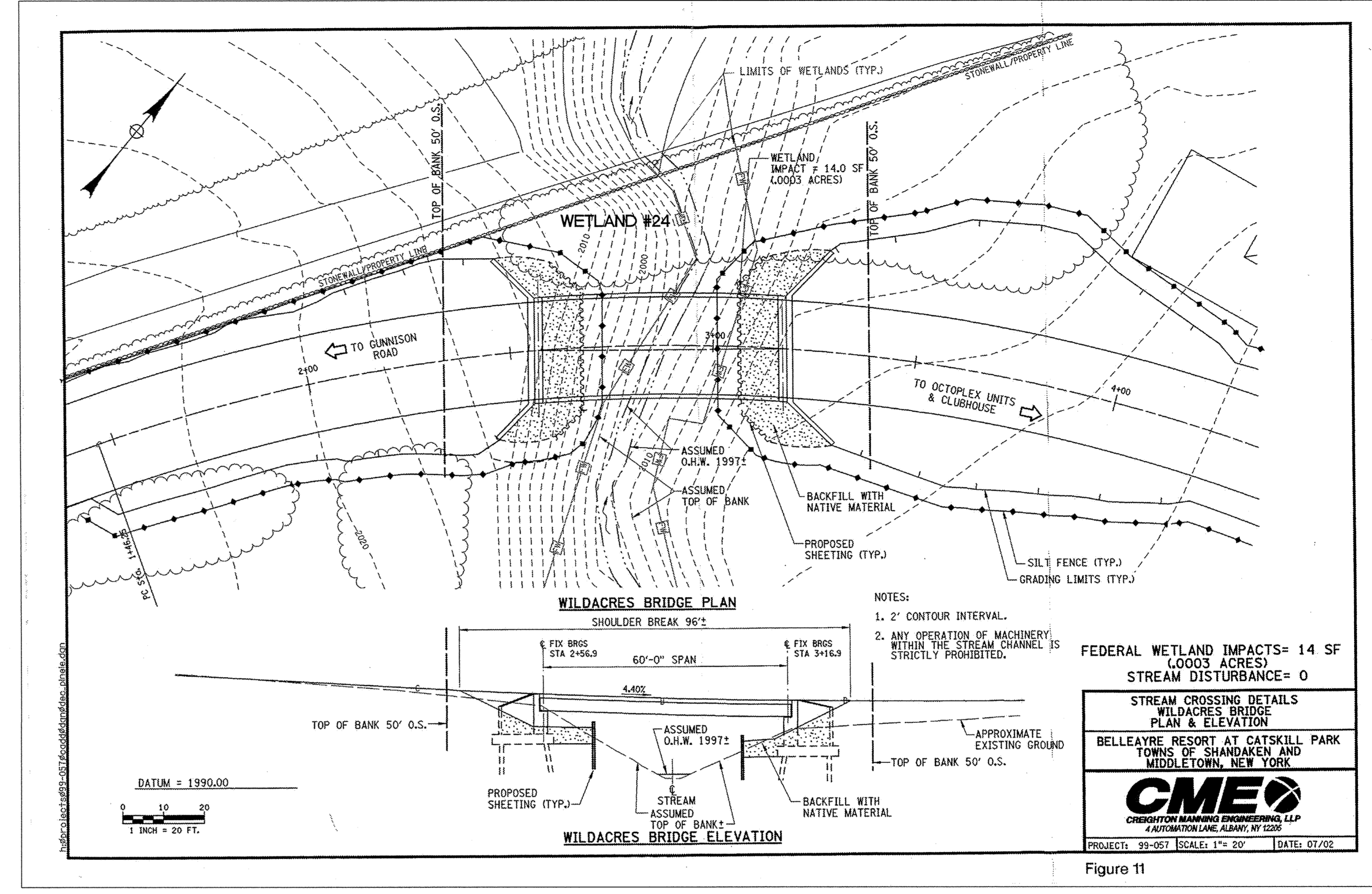
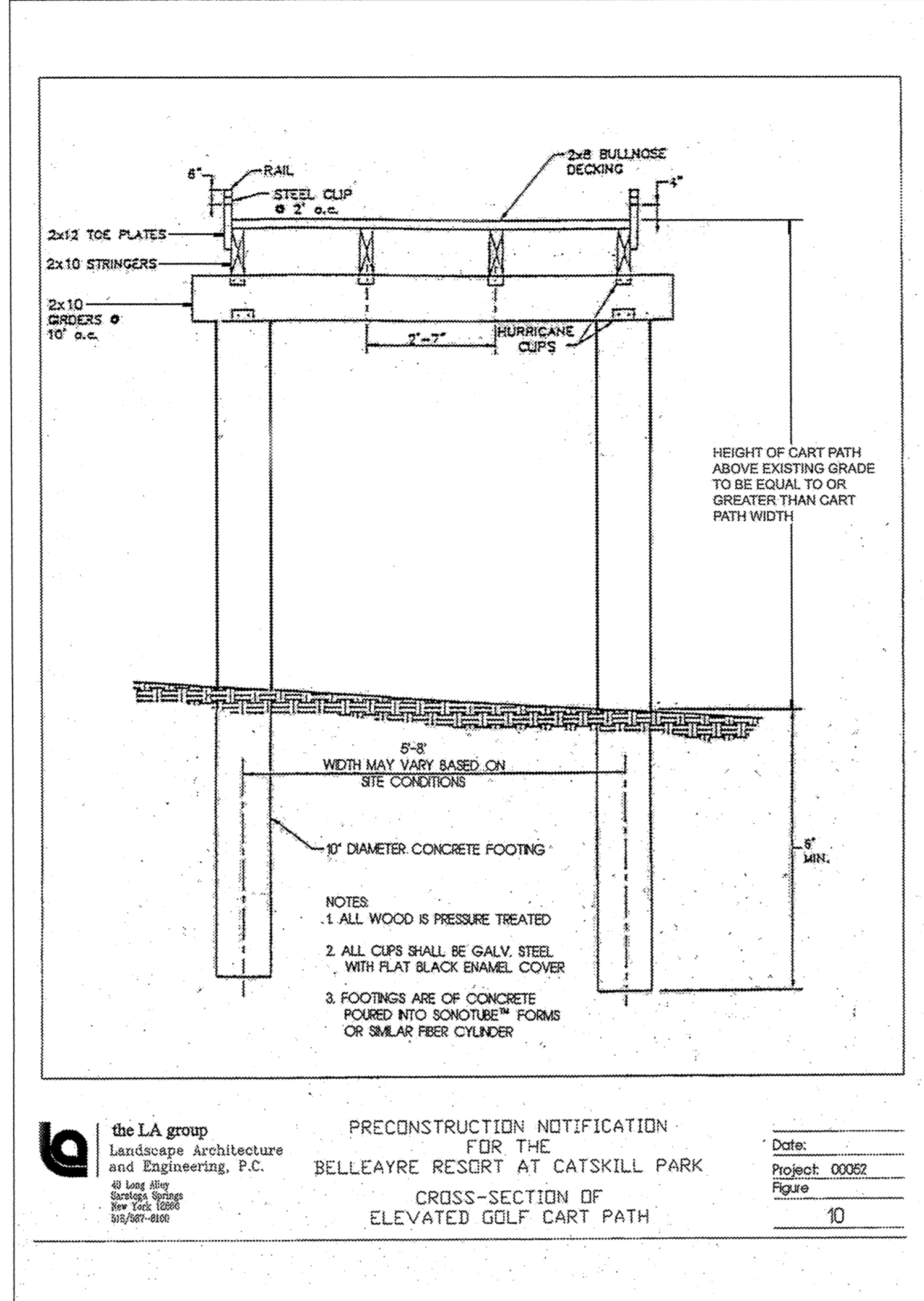
Felled trees or sections of felled trees will be lifted and removed from the edges of wetland areas using machinery equipped with typical log-loader pincers, chains, or straps. Machinery will be operated in upland areas, and will lift and boom trees, or sections of trees, out of wetlands and into upland areas. The type of machine that is used will dictate how far into wetland areas this procedure can be implemented. A larger track-hoe excavator will have the capability of reaching trees that are felled within 30 to 40 feet of the wetland edge.

Wetland Interiors

Trees that are felled farther within the wetland will be limbed and topped. Cut limbs and tops will either be left in place or will be removed by hand from the wetland into upland areas.

Alternatively, trees will be removed beginning at the wetland edge then construction matting will be installed starting from uplands and working out into the wetlands with equipment always working on matting. Trees will be cut, topped, and lifted out of wetlands using machinery operating on the construction matting.

The decision to remove felled trees or portions of felled trees in particular areas will be made by the Golf Course Architect prior to finalization of construction bid documents. In most, if not all instances, portions of some or all felled trees may be left within wetland areas. Removal of some or all portions of all felled trees will give the Golf Course Architect the flexibility to make sure that the quality of a particular golf hole is not compromised by unusually high numbers of trees or unusually large trees left within affected wetland areas. The wetland play over areas will develop into a combination of herbaceous and shrub plant communities following selective tree removal. This plant community development would be hindered by dense ground covering by a high number of felled trees or by a number of particularly large trees.



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BELLEAYRE RESORT AT CATSKILL PARK
Title PCN DETAILS

Revisions
Project 03055
Date 4/15/03
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Drawing D-1



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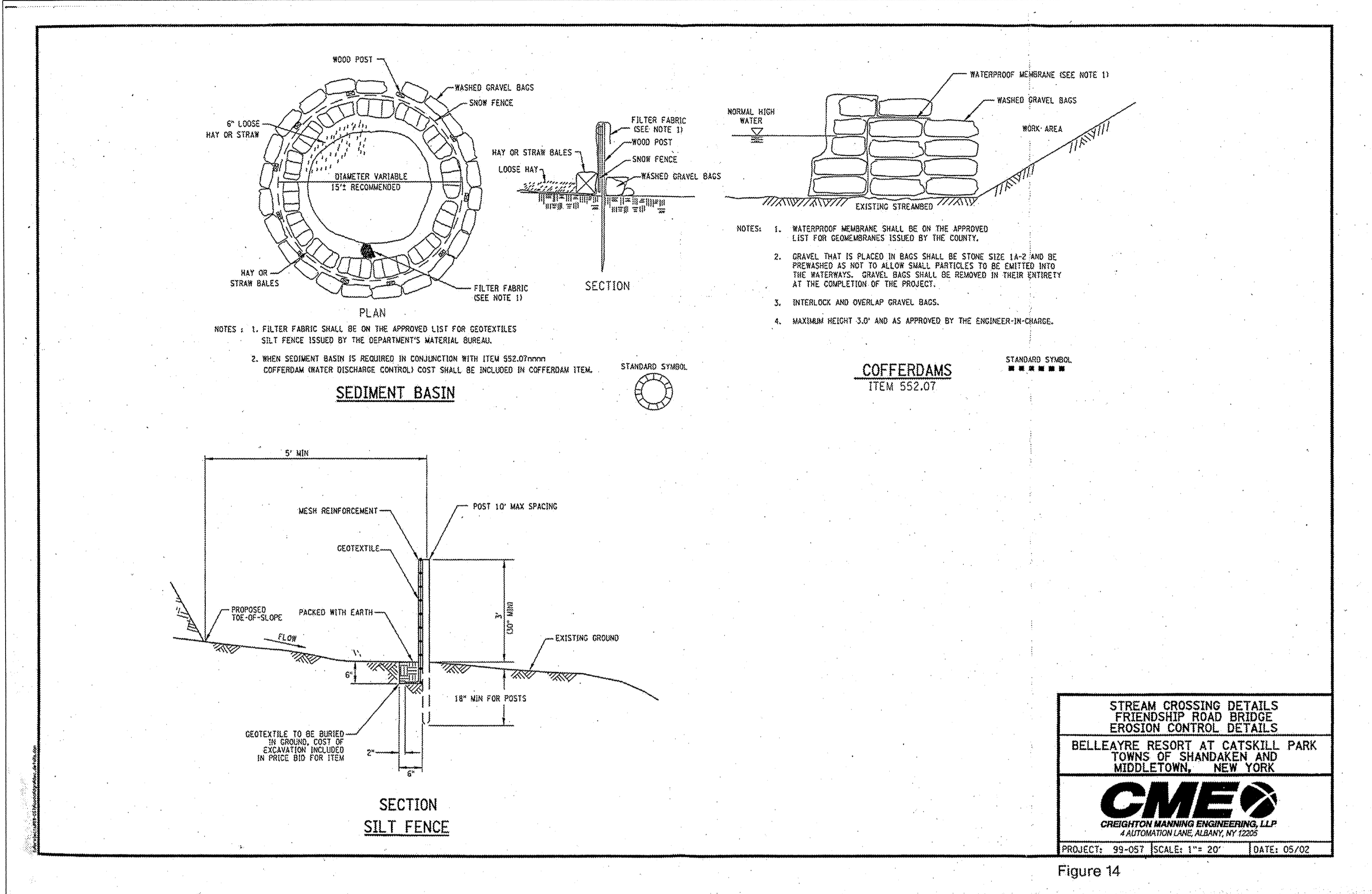


Figure 14

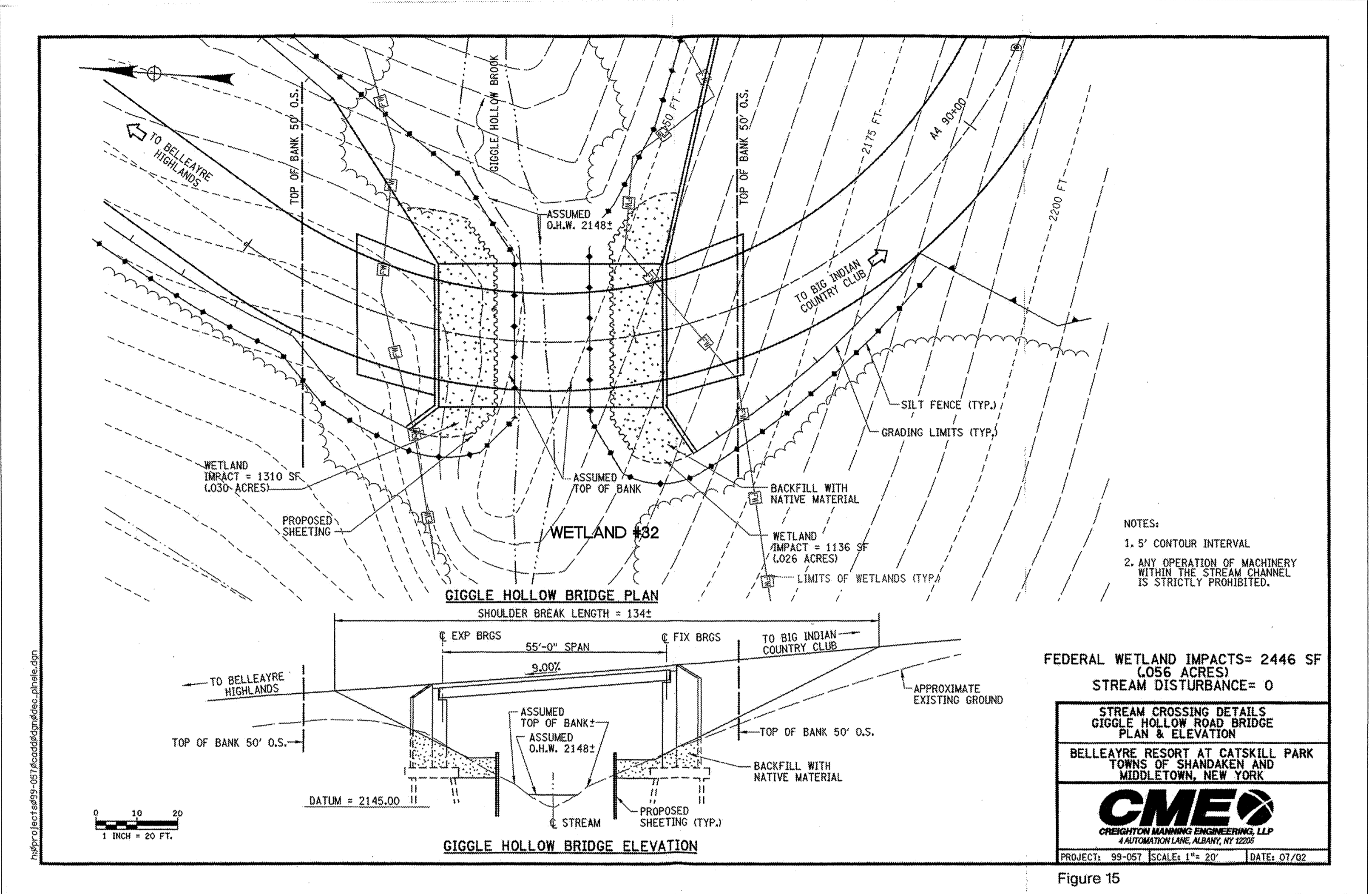


Figure 15

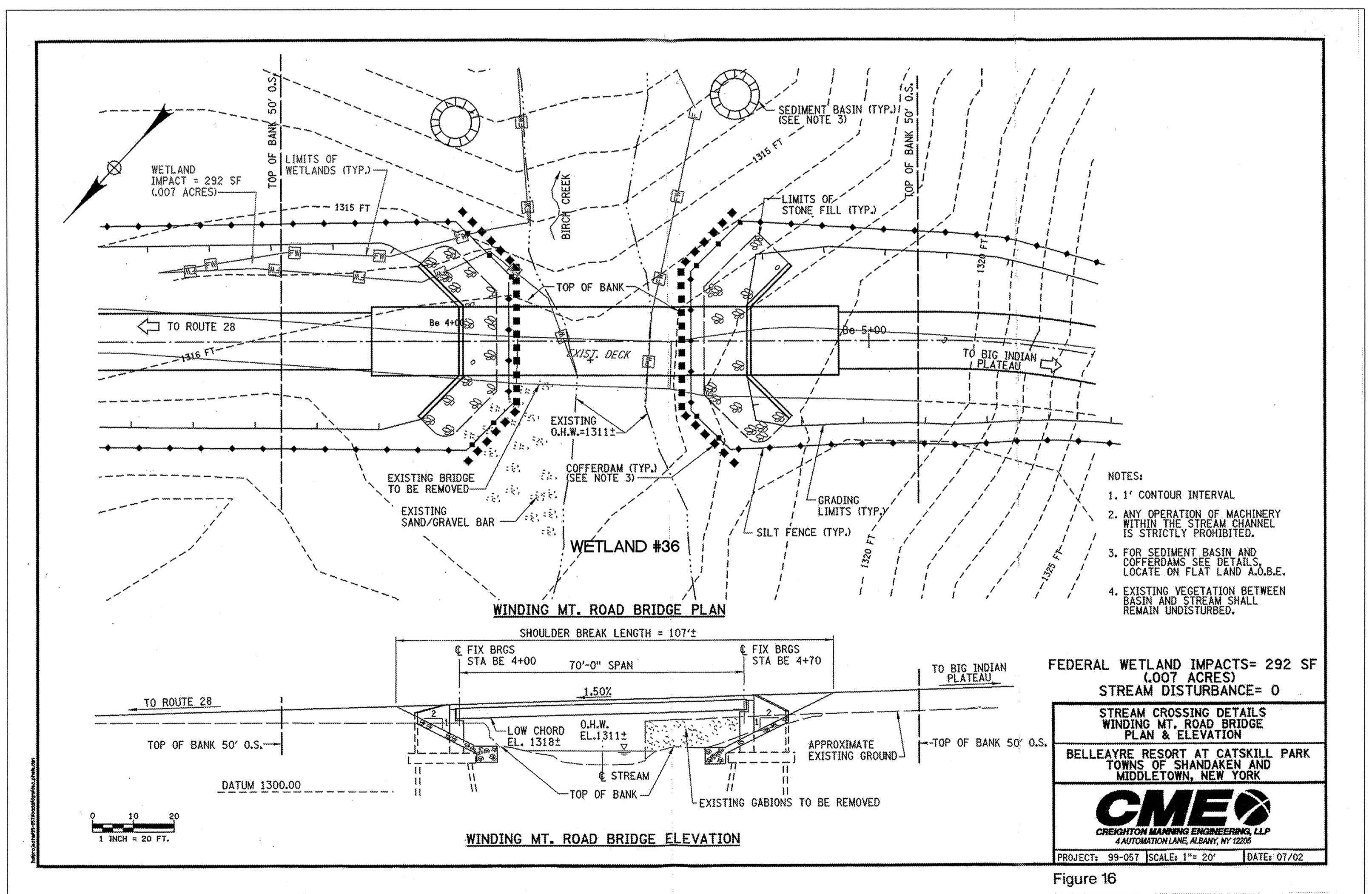


Figure 16

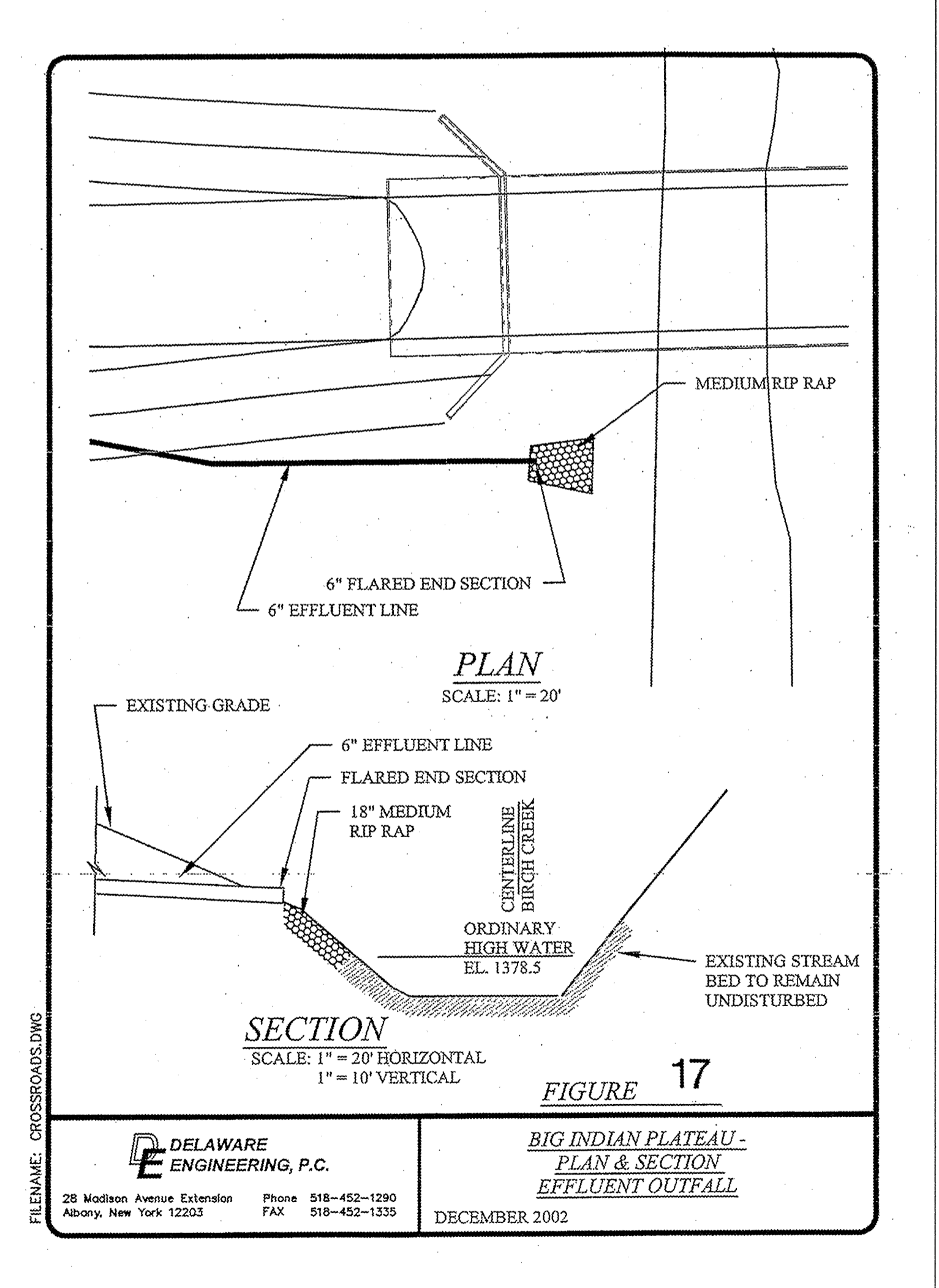


FIGURE 17

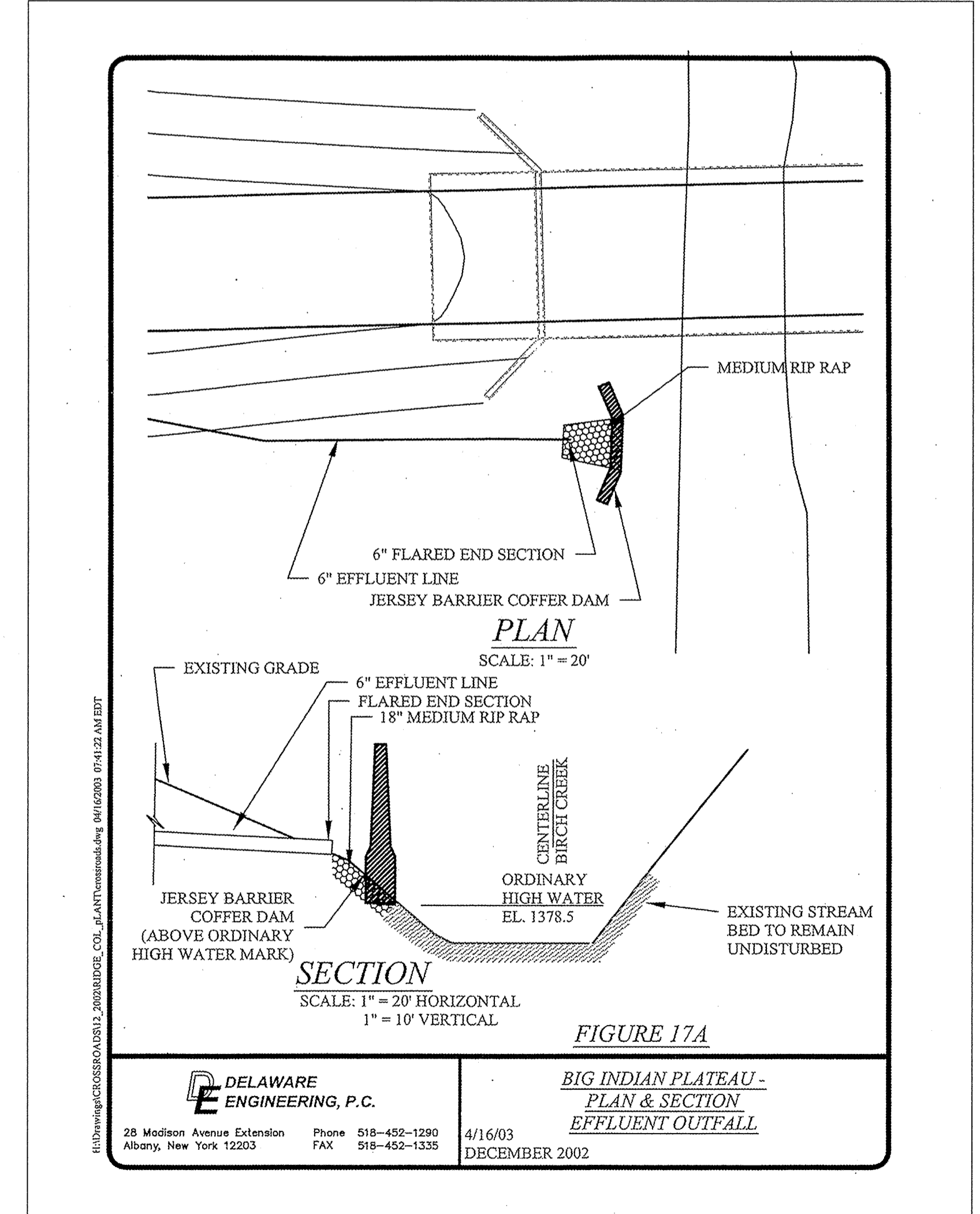


FIGURE 17A

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BELLEAYRE RESORT AT
CATSKILL PARK
THE
PCN DETAILS

Revisions
Project 03055
Date 4/15/03
CAD # PCN-21010-17
Drawing D-2



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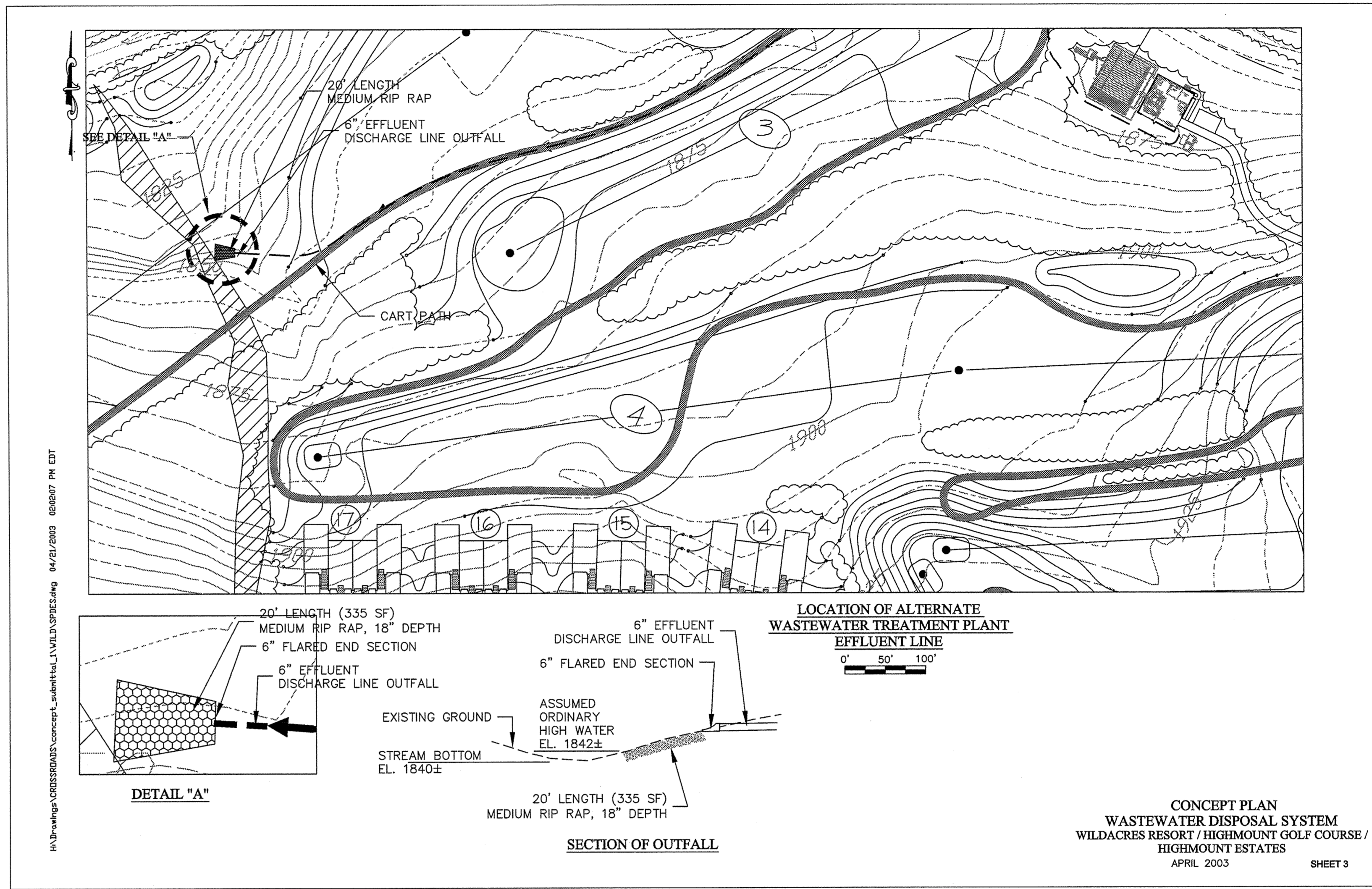


Figure 18

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BELLEAYRE RESORT AT
CATSKILL PARK
the PCN DETAILS

Revisions

Project 03055
Date 4/15/03
CAD # PCN-FIG10-17
Drawing