

Forest Preserve Work Plan
for
Construction of New Facilities and Expansion or
Modification of Existing Facilities
Fiscal Year 22-23

WP #289

Project # Click or tap to enter Project Number (leave blank if not applicable)

<u>Region</u>	<u>Project Title</u>
3	Lift 7 Replacement & Realignment w/ Associated Trailwork

<u>Project Type</u>	<u>Town(s)</u>	<u>County</u>	<u>Management Unit</u>
Modification of Existing Facility	Highmount	Ulster	Belleayre Mountain Intensive Use Area

Description of Desired Condition(s) for Project:

As noted in the 2023 Belleayre UMP Amendment, the current location of Lift 7 does not allow skier access from the top of the Lightning Quad (Lift 1), making it difficult for skiers to access the entire mountain. Belleayre does not offer an efficient skier route from the upper trails serviced by Lift 7 to the lower trails serviced by the Lightning Quad (Lift 1). The upper trails serviced by Lift 7 terminate at the uphill side of the Overlook Lodge, therefore infrastructure is needed to provide access around the Overlook Lodge to the lower trails. The proposed action is to replace and realign the existing Lift 7. The lift line will be extended over the parking lot to Mohican Trail to allow skier access from the top of Lift 7. This extension will total approximately 665 linear feet. With the realignment and extension, the lift will be 3,500 feet long and cover a 900-foot vertical. The ski towers will be approximately 60 feet tall and sit approximately 175 feet apart. This realignment will give skiers on Lift 7 additional room to unload. The creation of a queueing area is proposed in an effort to accommodate the new traffic flow of skiers from the upper mountain trails to the new Lift 7 bottom terminal.

Creation of the queueing area will require regrading around the Overlook Lodge and at the new Lift 7 bottom terminal. An existing maintenance road will be widened and converted into an alpine trail (Goat Path) that will connect to the Utsayantha trail and provide an intermediate trail for skiers to descend from the summit. The existing Utsayantha trail will be widened anywhere from 40 feet to 60 feet to allow for ample snowmaking and will modify the existing trail conditions to accommodate intermediate skiers.

The project is included in the 2023 Amendment to the 2015 Unit Management Plan for Belleayre Mountain Ski Center.

Description of Project Specifications:

Attached to this application is a location map, the Master Plan Figure from the UMPA, tree counts with a plot location map, the erosion and sediment control detail for the Lift 7 replacement & realignment, the queueing area improvements plan detail with erosion and sediment controls, and both an elevation and slope map for the Utsayantha trailwork, as well as the erosion and sediment control detail.

Description of Measures Taken to Avoid, Mitigate and Minimize Impacts to Natural Resources:

Please see tree counts attached. Earthwork and grading will be required for top, mid, and bottom terminal construction, lift tower base installation, queueing area improvements, and trail work for Utsayantha and Goat Path. The project will follow best management practices for erosion and sediment control as designed and included in the stormwater pollution prevention plan for Belleayre Mountain, currently under review by the Watershed Inspector General. The NYC Department of Environmental Protection has also reviewed the document and did not have comments nor request modifications. No wetlands nor waterbodies will be impacted by this project. No rare, threatened, nor endangered species will be affected by this project.

Analysis of Project Location and Design Alternatives:

The existing Lift 7 could be replaced in its existing location, but it does not allow skier access from the top of the Lightning Quad (Lift 1), making it difficult for skiers to access the entire mountain. Belleayre does not offer an efficient skier route from the upper trails serviced by Lift 7 to the lower trails serviced by the Lightning Quad (Lift 1). The upper trails serviced by Lift 7 terminate at the uphill side of the Overlook Lodge, therefore infrastructure is needed to provide access around the Overlook Lodge to the lower trails.

Description of Use of Motorized Equipment and/or Motor Vehicles, if any:

To facilitate installation of Lift 7 and associated trail work, the following motorized equipment shall be employed: saws, generators, welders, trucks, excavators, bulldozers, skidders.

Description of Applicable Standards for Accessibility by People with Disabilities:

Belleayre Mountain provides many opportunities for adaptive winter recreation at the mountain. Instructors are trained in adaptive winter recreation practices.

Other Relevant Considerations:

The projects described within this work plan to support skiing at Belleayre Mountain are supported by Article XIV section 1 which provides that " Nothing herein contained shall prevent the state from ... constructing and maintaining not more than twenty-five miles of ski trails thirty to two hundred feet wide, together with appurtenances thereto, provided that no more than two miles of such trails shall be in excess of one hundred and twenty feet wide, on the slopes of Belleayre Mountain in Ulster and Delaware counties ..."

Prepared by (Name & Title): Emma Lamy, Sustainability & Environmental Compliance Officer

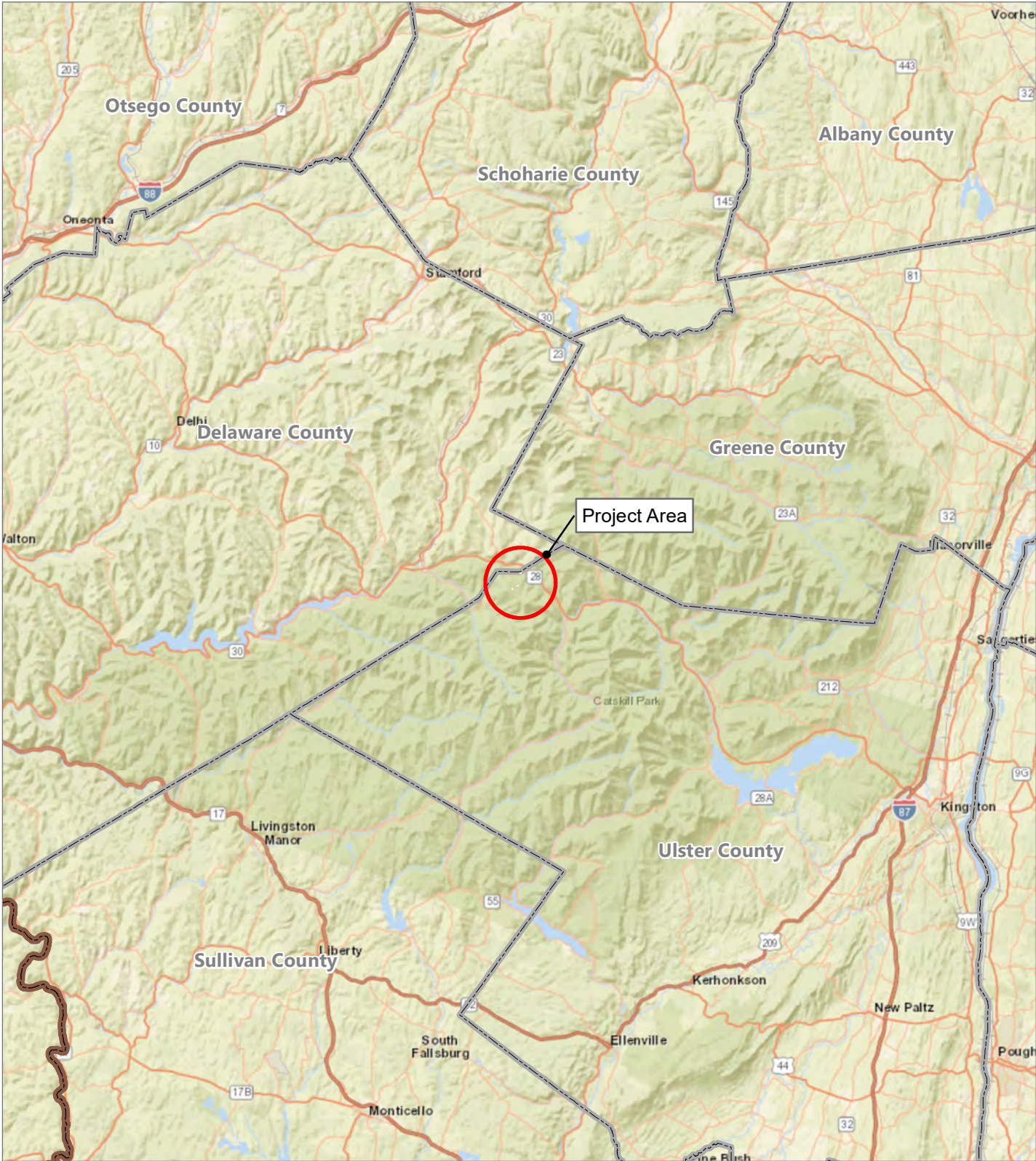
Date: 5/2/2023

Phone: 518-637-1027

REGULATORY CLEARANCE CHECKLIST – STATE LANDS and CONSERVATION EASEMENT PROJECTS

PROGRAM	PERMIT	REQUIRED		SECURED BY	COMMENTS
		YES	NO	(NAME)	
Air Resources	Restricted Burning	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Mineral Resources	Mining	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Materials Management	Solid Waste Mgt. Fac.	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Water	Dam Safety Review	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Const. in Flood Hazard	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Public Water Supply	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	SPDES	<input checked="" type="checkbox"/>	<input type="checkbox"/>		SWPPP under review by WIG.
Spills Management	Petro. Bulk Storage	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Lands and Forests	Unit Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>		UMPA Approved 4/28/23.
	Tree Cutting	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Tree counts attached.
	Protected Native Plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Historic Preservation	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Fish and Wildlife	Freshwater Wetlands	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Wild Scenic & Rec. River	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Compliance Services	Other Protection of Waters	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	EAF	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Negative Declaration	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Env. Impact Statement	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Water Quality Cert.	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
DEC (other)	CP-17	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Commissioner (aircraft,motorized equipment)	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Flight Request	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Contract Clearance Sh.	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	DOB Exemption	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Other Agencies	APA MOU	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	APA Wetlands Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Corps. of Engineers	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Building Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Local Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Easements	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Highway Enter DOT	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Wastewater Disposal	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Figure 2. Regional Project Location



Belleayre Ski Mountain
Town of Shandaken, Ulster County, New York

Revised 2021 UMP Amendment

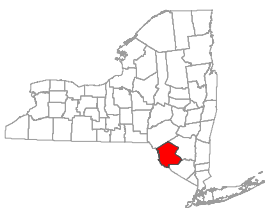
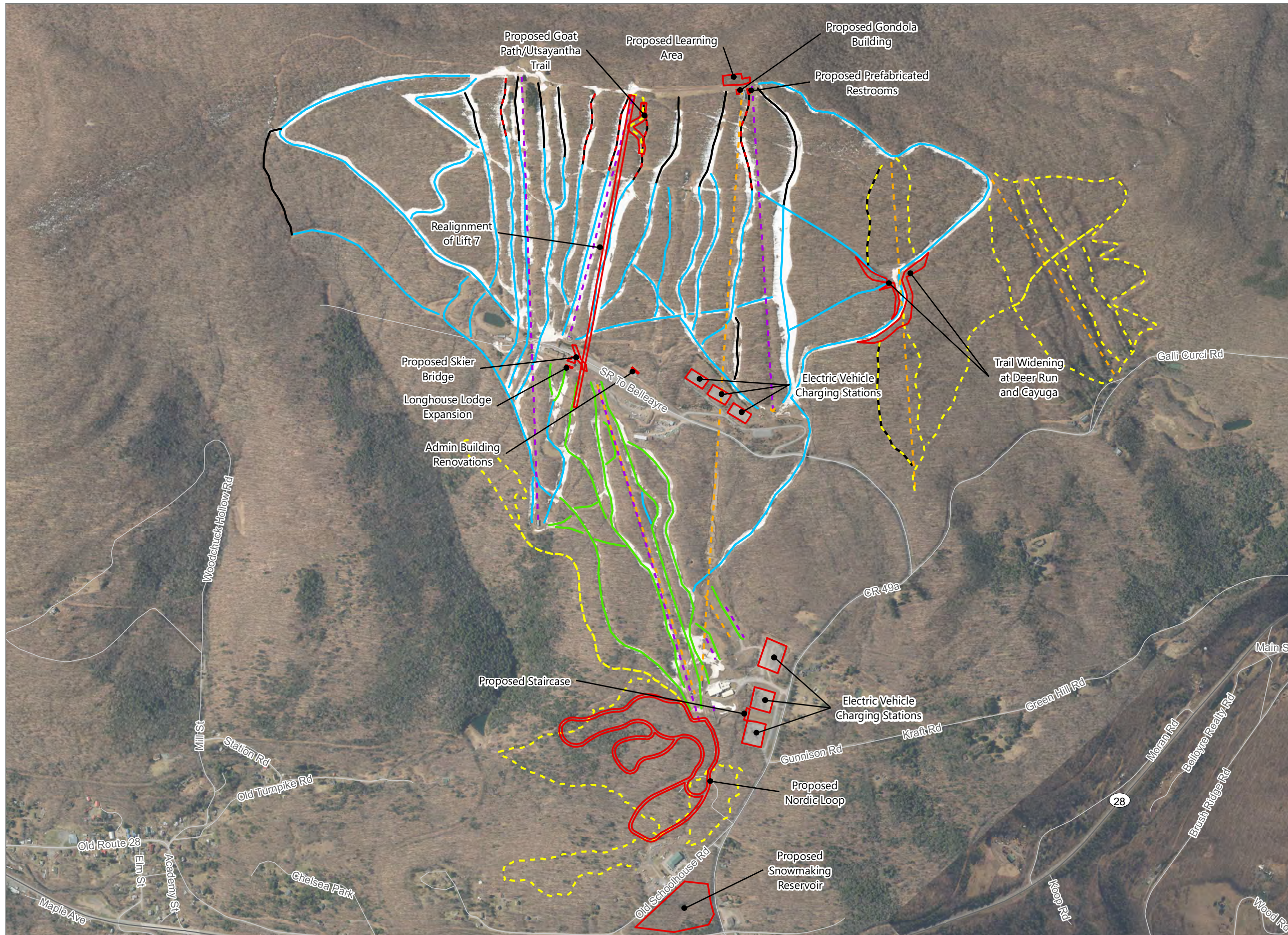


Figure 1. Master Plan

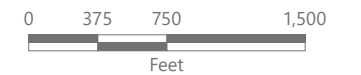


Belleayre Ski Mountain

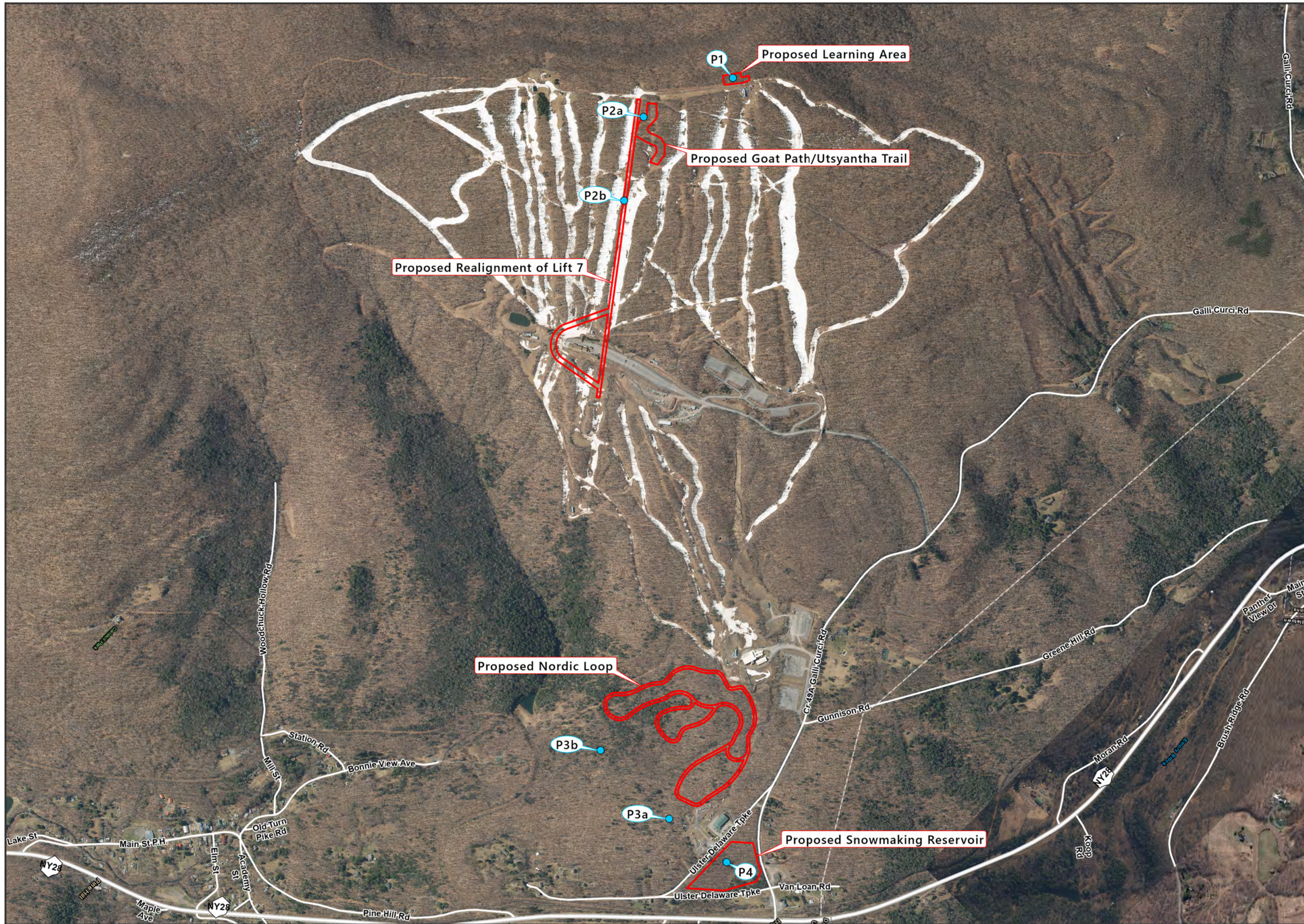
Town of Shandaken, Ulster County,
New York

Revised 2021 UMP Amendment

- Revised Previously Approved Action
- - - Previously Approved Trail
- - - Previously Approved Lift
- - - Existing Lift
- Existing Trails
- Easy
- Intermediate
- Advanced
- Expert
- Project Site



Prepared February 24, 2023
Basemap: NYS DOP "2021" orthoimagery map service.



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Unauthorized alteration or
 addition to this document is a
 violation of Section 7209 of the
 New York State Education Law

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PREPARED FOR:
 Olympic Regional
 Development Authority
 2634 Main Street
 Lake Placid, NY 12946

**2021 Unit Management Plan
 Amendment**
 Belleayre Mountain
 Title
**Proposed Management Actions
 and Tree Count Locations**

Project: 2015018-08
 Date: 03/07/2023

Figure:
 01



1 inch = 1,000 feet
 0 500 1,000
 Feet

The no action alternative would result in little up front capital construction costs. However, if no action is taken, existing features will continue to deteriorate, and skiers may choose to ski at more modern and better maintained ski areas that provide improved amenities. Over time, this choice could be expected to result in declining revenues for the Ski Center and surrounding area.

III. Proposed Management Actions

A. Description of Proposed Work

See the following sections for photos and descriptions of the existing conditions and proposed management actions for each individual action described in Section I(a). The 12 proposed management actions described below are listed in order of priority.

1. Replacement and Realignment of Lift 7 and Construction of a Skier Bridge

Existing Conditions

The current location of Lift 7 does not allow skier access from the top of the Lightning Quad (Lift 1), making it difficult for skiers to access the entire mountain. Belleayre does not offer an efficient skier route from the upper trails serviced by Lift 7 to the lower trails serviced by the Lightning Quad (Lift 1). The upper trails serviced by Lift 7 terminate at the uphill side of the Overlook Lodge, therefore infrastructure is needed to provide access around the Overlook Lodge to the lower trails.

Proposed Management Action

Lift 7 Replacement and Realignment

The proposed action is to replace and realign the existing Lift 7 (Figure 4). The lift line will be extended over the parking lot to Mohican Trail to allow skier access from the top of Lift 7. This extension will total approximately 665 linear feet. With the realignment and extension, the lift will be 3,500 feet long and cover a 900-foot vertical. The ski towers will be approximately 60 feet tall and sit approximately 175 feet apart. This realignment will give skiers on Lift 7 additional room to unload.

completion of these efforts, it was determined that the skier tunnel would be a significantly more expensive project overall when compared to the skier bridge. Therefore, the Olympic Authority choose the skier bridge as a much more appropriate solution.



Image 3: Proposed Location of Skier Bridge from Base of Lift 7

Queueing Area Improvements

The creation of a queueing area is proposed in an effort to accommodate the new traffic flow of skiers from the upper mountain trails to the new Lift 7 bottom terminal. Creation of the queueing area will require regrading around the Overlook Lodge and at the new Lift 7 bottom terminal. See Figure 4c for the Grading Plan associated with the proposed Queueing Area Improvements.

2. Modifications to Alpine Trails

Existing Conditions

Cathedral Brook is an existing ski trail off the East side of Belleayre, that is also used during the summer months for recreation. West-1, West-2 (lower), and HMT-9B are previously approved conceptual alpine trails approved in the 2015 UMP, as well as West-2, West-3, and West-5. Cayuga and Deer Run are existing intermediate alpine trails at Belleayre. Currently, the Utsayantha Trail is rated most difficult, which does not accommodate intermediate skiers and does not all allow for snowmaking. The Goat Path is an existing, narrow work road. Please see Figure 2 in Exhibit 2 – Trail Inventory and Analysis for existing and previously approved trails.

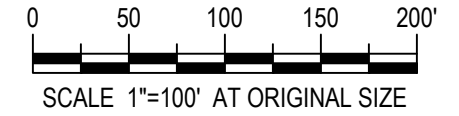


NOTES:

1. INLET PROTECTION TO BE PROVIDED AT ALL DOWN GRADIENT CATCH BASINS.
2. CONSTRUCTION FENCE TO BE PROVIDED NEAR WETLANDS AND STREAMS TO AVOID IMPACT.
3. WATER BAR SPACING IS APPROXIMATE. CONTRACTOR SHALL REFER TO SPACING IN DETAIL TABLE.
4. TREE STUMPS WILL BE LEFT IN PLACE WHERE POSSIBLE. CLEARED VEGETATION WILL BE CHIPPED AND USED ON SITE.

LEGEND:

- CONSTRUCTION FENCE
- SF SILT FENCE
- [Water Bar Symbol] WATER BAR
- [Rock Outlet Symbol] ROCK OUTLET

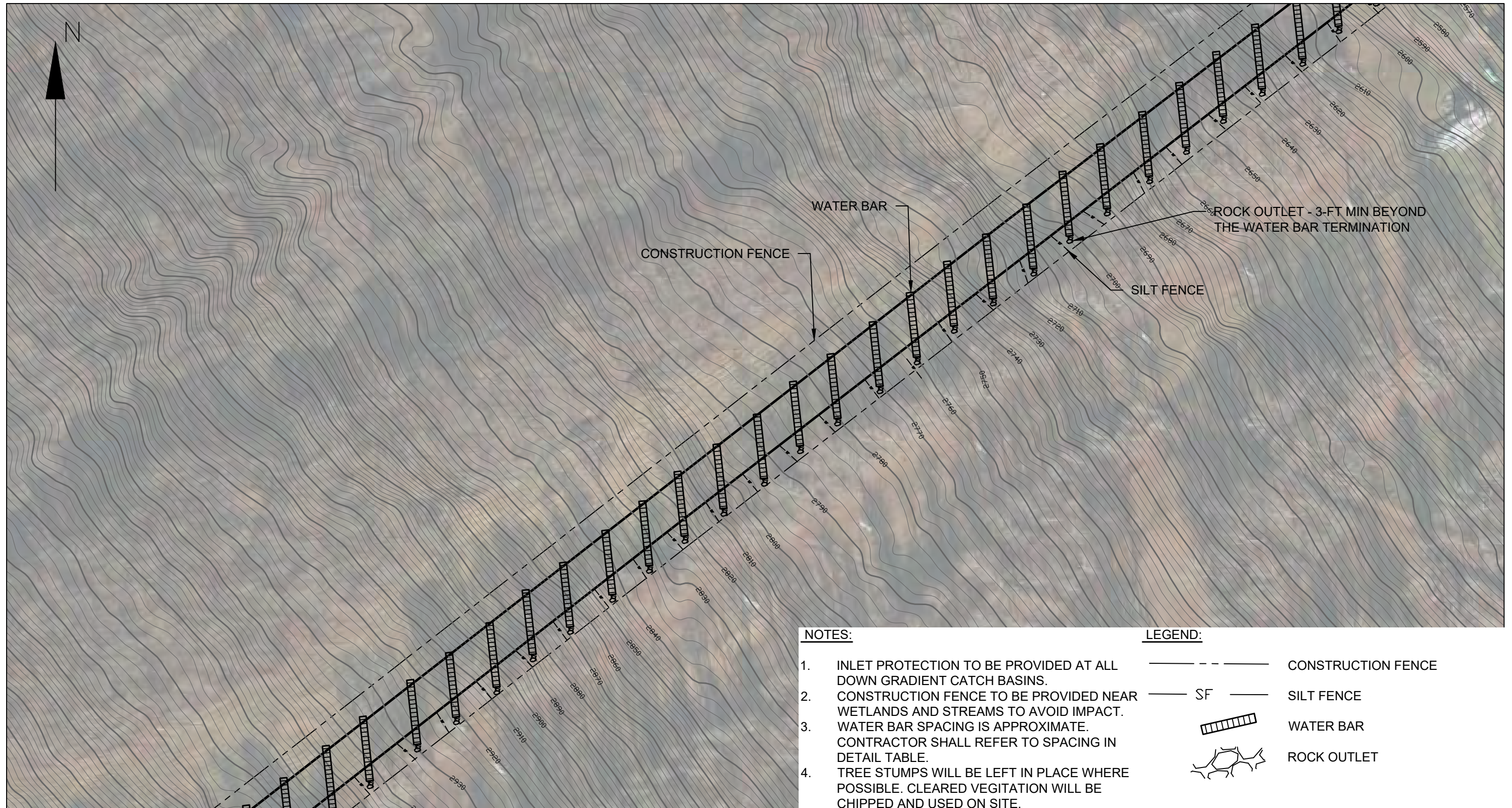


PROJECT TITLE: BELLEAYRE MOUNTAIN SKI CENTER
 DRAWING TITLE: PROPOSED NORDIC LOOP

EDR JOB NUMBER: 21071
 SCALE: AS SHOWN

DRAWN BY: AWL
 DRAWING NUMBER: G-002



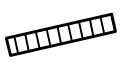
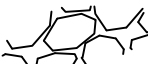
CHECKED BY: CPP
 DATE: 03/2023



NOTES:

1. INLET PROTECTION TO BE PROVIDED AT ALL DOWN GRADIENT CATCH BASINS.
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LEGEND:

-  CONSTRUCTION FENCE
-  SILT FENCE
-  WATER BAR
-  ROCK OUTLET



PROJECT TITLE: BELLEAYRE MOUNTAIN SKI CENTER
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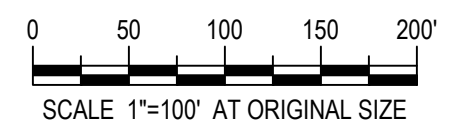
CHECKED BY: CPP
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- NOTES:**
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 2. CONSTRUCTION FENCE TO BE PROVIDED NEAR WETLANDS AND STREAMS TO AVOID IMPACT.
 3. WATER BAR SPACING IS APPROXIMATE. CONTRACTOR SHALL REFER TO SPACING IN DETAIL TABLE.
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- SF --- SILT FENCE
- [Water Bar Symbol] WATER BAR
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PROJECT TITLE: BELLEAYRE MOUNTAIN SKI CENTER

DRAWING TITLE: PROPOSED NORDIC LOOP

EDR JOB NUMBER: 21071

SCALE: AS SHOWN

DRAWN BY: AWL

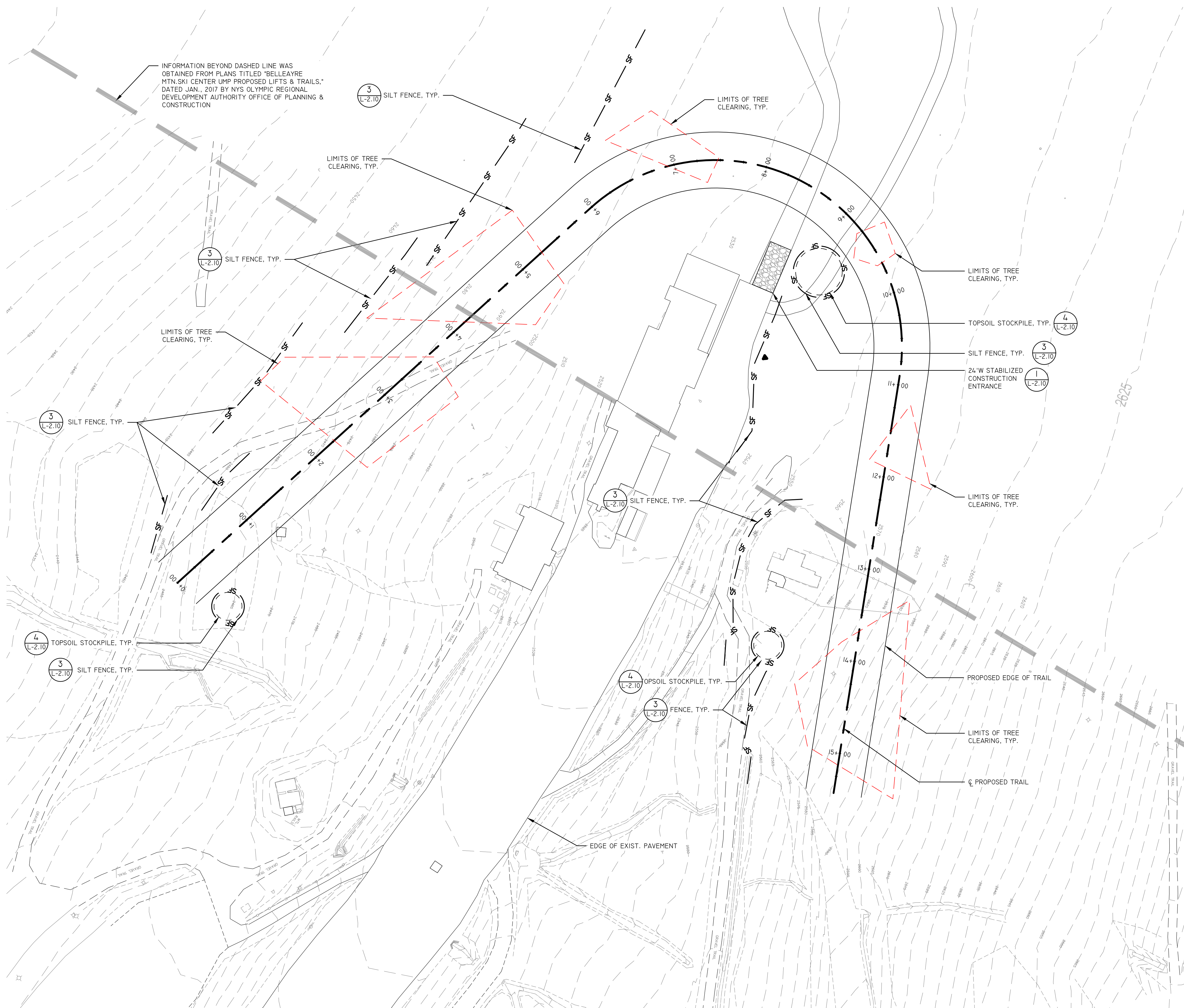
DRAWING NUMBER: G-002

CHECKED BY: CPP

DATE: 03/2023

Figure 4c. Queueing Area Improvements

DESIGN BY: [REDACTED]
 DRAWN BY: [REDACTED]
 CHECKED BY: [REDACTED]



INFORMATION BEYOND DASHED LINE WAS OBTAINED FROM PLANS TITLED "BELLEAYRE Mtn. SKI CENTER UMP PROPOSED LIFTS & TRAILS," DATED JAN., 2017 BY NYS OLYMPIC REGIONAL DEVELOPMENT AUTHORITY OFFICE OF PLANNING & CONSTRUCTION

SITE PREPARATION & DEMOLITION NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND SUBSURFACE CONDITIONS PRIOR TO THE START OF WORK. COORDINATE ALL UTILITY REQUIREMENTS AND WORK WITH THE APPROPRIATE UTILITY PROVIDER. NOTIFY OWNER'S REPRESENTATIVE OF ANY AND ALL DISCREPANCIES.
2. ALL REFUSE, DEBRIS AND MISCELLANEOUS ITEMS TO BE REMOVED. MATERIALS THAT ARE NOT TO BE STOCKPILED FOR LATER USE ON THE PROJECT OR DELIVERED TO THE OWNER, SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR IN A TIMELY FASHION SO AS NOT TO DISRUPT PROGRESS AND TO ENSURE SAFE SITE CONDITIONS.
3. CONTRACTOR SHALL NOT REMOVE OR DISTURB ANY ITEMS KNOWN TO CONTAIN HAZARDOUS MATERIALS OR SUBSTANCES. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF HAZARDOUS MATERIALS OR SUBSTANCES DISCOVERED DURING THE COMPLETION OF SPECIFIED WORK.
4. CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING TOPSOIL TO FULL DEPTH WITHIN THE LIMIT OF GRADING BEFORE COMMENCING EXCAVATION AND GRADING OPERATIONS. TOPSOIL SHALL NOT BE REMOVED FROM THE SITE UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE.
5. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS AND WHICH ARE OUTSIDE THE LIMIT OF WORK.
6. CONTRACTOR SHALL IMPLEMENT AND BE RESPONSIBLE FOR ALL NECESSARY MEASURES AND PROCEDURES TO MAINTAIN AND PROTECT EXISTING UTILITIES TO REMAIN, PEDESTRIANS, LOCAL TRAFFIC AND ROADWAYS, ADJACENT PROPERTIES, AND ETC. FOR DURATION OF PROJECT AND UNTIL PROJECT COMPLETION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES AND/OR RESTORATION REQUIRED AS A RESULT OF DEFICIENT PROTECTION MEASURES.
7. THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE UTILITY COMPANY AND PAY ALL ASSOCIATED COSTS.
8. ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT MUD ONTO PUBLIC WAYS. ANY MUD ON PUBLIC WAYS ORIGINATING FROM THE JOB SITE SHALL BE CLEANED DAILY BY THE CONTRACTOR ONLY.
9. CONTRACTOR SHALL BE REQUIRED TO SECURE ALL PERMITS THAT MAY BE REQUIRED FROM ALL JURISDICTIONS AFFECTED BY THIS WORK.
10. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES NOT TO BE REMOVED.

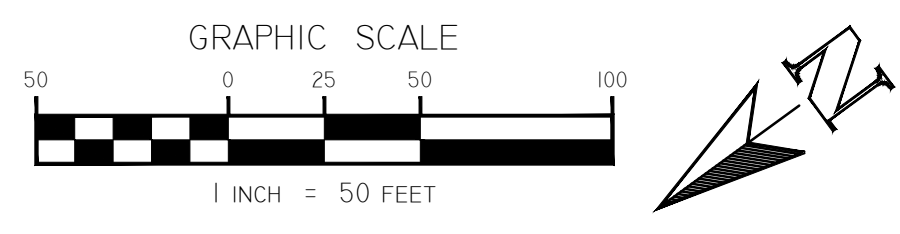
EROSION & SEDIMENT CONTROL NOTES:

1. ALL EXPOSED SOIL DISTURBANCE SHALL BE IN ACCORDANCE WITH THE NYS DEC REQUIREMENTS. ANY EXPOSED SOIL SHALL BE PROPERLY STABILIZED WITH EITHER PERMANENT SEED AND MULCH IF SOIL DISTURBANCE IS COMPLETED OR TEMPORARILY SEEDED AND MULCHED IF IT WILL BE MORE THAN 10 DAYS BEFORE ADDITIONAL SOIL DISTURBANCE WILL OCCUR. EXPOSED SOIL SHALL RECEIVE TEMPORARY OR PERMANENT SEED AND MULCH WITHIN 10 DAYS OF SUBSTANTIAL COMPLETION OF CONSTRUCTION. AREAS STOCKPILED W/ EARTHEN MATERIALS OR AREAS MADE DEVOID OF VEGETATION LOCATED WITHIN 500 FEET OF THE MEAN HIGH WATER MARK SHALL NOT BE LEFT UNCOVERED FOR MORE THAN 24 HOURS. ACCEPTABLE COVERING INCLUDES 3-IN. OF MULCH OR PLASTIC COVERING.
2. THE CONTRACTOR SHALL LIMIT THE AREA OF CLEARING AND GRUBBING, EXCAVATION, BORROW, AND EMBANKMENT OPERATIONS IN PROGRESS, COMMENSURATE WITH THEIR CAPABILITY AND PROGRESS IN KEEPING THE FINISH GRADING AND MULCHING, SEEDING AND OTHER TEMPORARY AND/OR PERMANENT CONTROL MEASURES IN ACCORDANCE WITH THESE PLANS.
3. THE CONTRACTOR SHALL DESIGNATE TO THE OWNER'S REPRESENTATIVE A QUALIFIED EROSION AND SEDIMENT CONTROL SUPERVISOR WITH ADEQUATE TRAINING, EXPERIENCE, AND AUTHORITY TO IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES AS PER THE NYS DEC REQUIREMENTS.
4. CONSTRUCTION IS TO PROCEED IN ACCORDANCE WITH THE CONSTRUCTION PHASING SCHEDULE SUPPLIED BY THE CONTRACTOR OR SHOWN ON THE PLANS. GRASSES SHALL BE ESTABLISHED ON ALL DISTURBED AREAS AS SOON AS POSSIBLE. FOR TIME FRAMES OUTSIDE THE GROWING SEASON, OTHER METHODS OF SOIL STABILIZATION (SUCH AS THE USE OF JUTE MESH EXCELSIOR MATTING) WILL BE USED UNTIL SUCH A TIME AS GRASS CAN BE ESTABLISHED.
5. ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY SITE DISTURBANCE. THIS INCLUDES GRADING OPERATIONS, UTILITY OR STRUCTURE INSTALL.
6. SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH NYS DEC REQUIREMENTS.
7. APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL THE CONTRIBUTING DRAINAGE AREA SERVED IS STABILIZED.
8. THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
9. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
10. ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED AFTER EVERY STORM EVENT.
11. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THROUGHOUT THE DURATION OF THE PROJECT IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL WATER COURSES FROM WATER BORNE SEDIMENT OR POLLUTANTS ORIGINATING FROM ANY WORK DONE ON, OR IN SUPPORT OF THIS PROJECT.
12. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT CONTAMINATION OF WATERBODIES BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE, OR ANY OTHER POLLUTANT ASSOCIATED WITH CONSTRUCTION AND CONSTRUCTION PROCEDURES.

NOTE: EROSION CONTROL BLANKETS SHALL BE INSTALLED AT DISTURBED AREAS WITH SLOPES GREATER THAN 1V:3H IN ACCORDANCE WITH DETAIL 2/L-2.10

LEGEND

-060-	EXISTING MAJOR CONTOURS
---	TRAIL CENTERLINE
- - - -	LIMITS OF TREE CLEARING
SF	SILT FENCE



MAP REFERENCE:
 BASE SURVEY INFORMATION OBTAINED FROM THE NEW YORK STATE PLANE COORDINATE SYSTEM NAD 83, TOWN OF SHANDAKEN, ULSTER COUNTY, NEW YORK. PRODUCED BY SUMAKER CONSULTING ENGINEERING AND LAND SURVEYING, NOVEMBER 2021.

DIG SAFE NOTE:
 THIS PLAN SET WAS DRAFTED WITHOUT THE BENEFIT OF "DIG SAFE" MARKINGS. UTILITIES SHOWN ARE NOT WARRANTED TO BE EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT "DIG SAFE" AT 811 BEFORE COMMENCING ANY WORK AND SHALL PRESERVE EXISTING UTILITIES WHICH ARE NOT SPECIFIED TO BE REMOVED IN THIS PLAN SET.

studioA
 Landscape Architecture + Engineering, DPC
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 PO BOX 272
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 38 HIGH ROCK AVE, SUITE 3
 SARATOGA SPRINGS, NY 12866
 (518) 450-0300

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM IN ANY WAY BY ANY ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL. IF ALTERED, THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWINGS NOT FOR CONSTRUCTION

REVISIONS	DATE	DESCRIPTION	SWPPP COORDINATION	ESC PLAN
	1/18/2022			
	2/28/2023			

PREPARED FOR
ORDA
OLYMPIC CENTER
LAKE PLACID, NY 12946

PROJECT
BELLEAYRE SKI BRIDGE
 DRAWING TITLE
EROSION AND SEDIMENT CONTROL PLAN
 DATE: 2/28/2023
 PROJECT NO.
 21102
 DRAWING NO.
L-1.10
 DWG 1 OF 2

Proposed Management Actions

The proposed trails in the Belleayre West area have been revised either through abandonment or realignment to accommodate how the current trail network operates today. The focus of these changes is to reduce the number of intersections in our more popular trails in the area including Dot Nebel and Deer Run. The base terminal of the proposed Belleayre West lift was adjusted to be more uphill, reducing the runout and the trails in that area were adjusted accordingly.

A. Abandonment of Previously Approved and Existing Alpine Trails

1. Abandon upper section of Cathedral Brook
2. Abandon West-1
3. Abandon West-2 (lower)
4. Abandon West-6
5. Abandon HMT-9B

B. Realignment of Previously Approved and Existing Alpine Trails

1. Realign West-2
2. Realign West-3
3. Realign West-5

C. Widening of Existing Alpine Trails

1. Utsayantha: The proposed action is to modify the existing Utsayantha and Goat Path trails (Figure 4, Sheet 2). Utsayantha Trail will be widened anywhere from 40 feet to 60 feet to allow for ample snowmaking and will modify the existing trails conditions to accommodate intermediate skiers. A full trail inventory and analysis can be found in Exhibit 2. Tree cutting will be required for this effort and tree counts have been completed. For a full analysis of tree counts please see Exhibit 3. Additionally, see Figures 5a and 5b which illustrate the slope and elevation profile of the proposed Utsayantha Trail widening. A work plan is currently in progress.

2. Cayuga: The proposed action is to widen the existing Cayuga trail anywhere from 20 to 75 feet where it meets the existing Deer Run trail (see Figure 1). This trail widening will allow for additional skier capacity.



Belleayre Ski Mountain

Town of Shandaken, Ulster County, New York

Revised 2021 UMP Amendment

 Project Site

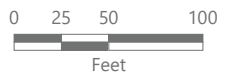
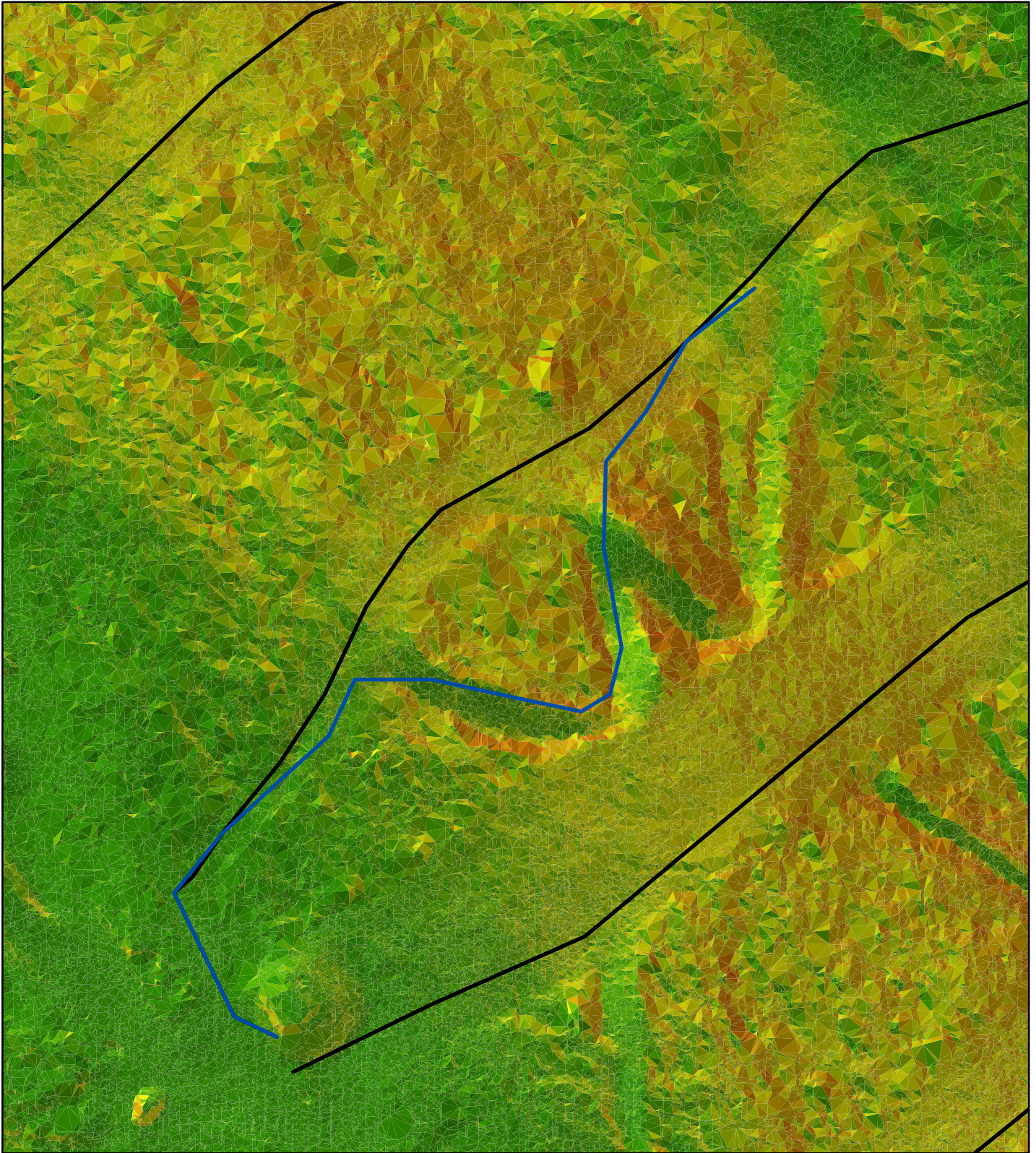


Figure 5a. Utsayantha/Goat Path Slope Map



Belleayre Ski Mountain

Town of Shandaken, Ulster County, New York

Revised 2021 UMP Amendment

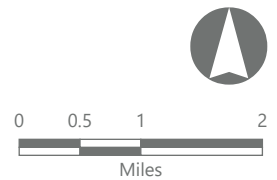
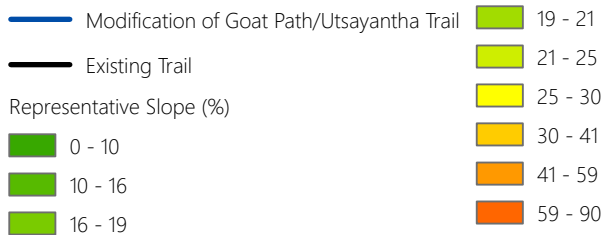
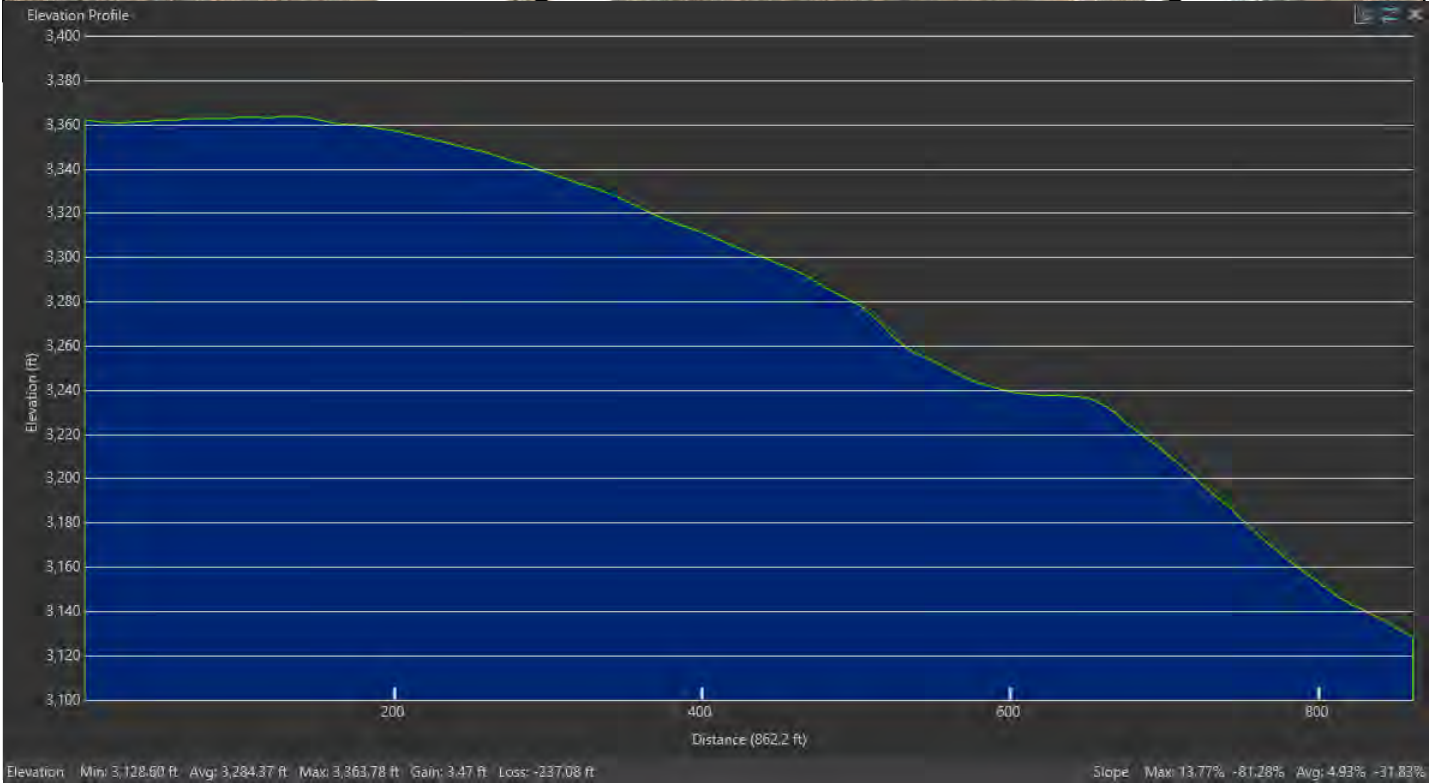


Figure 5b. Utsyantha/Goat Path Elevation Profile

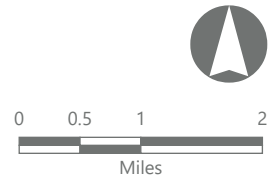


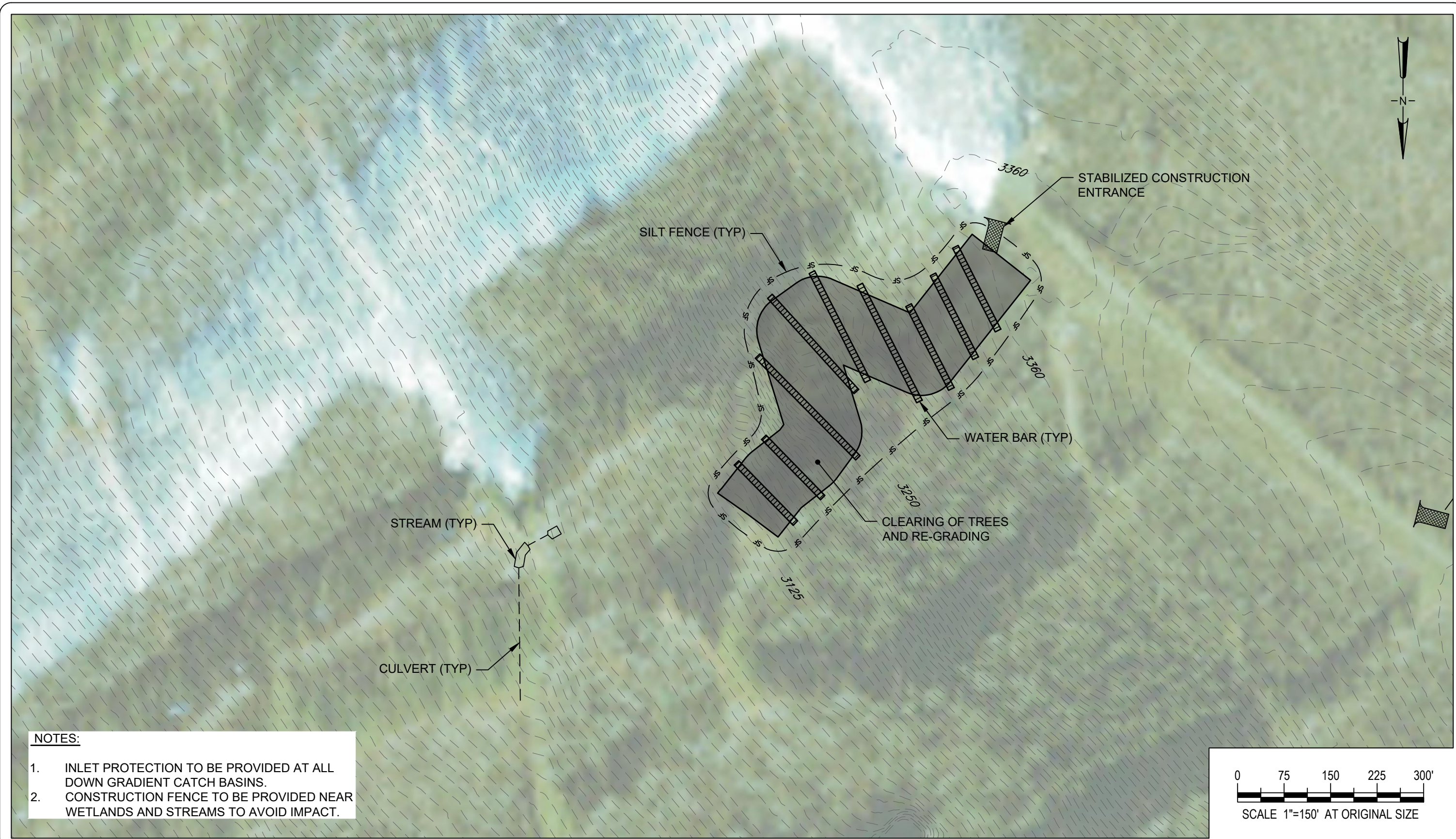
Belleayre Ski Mountain

Town of Shandaken, Ulster County, New York

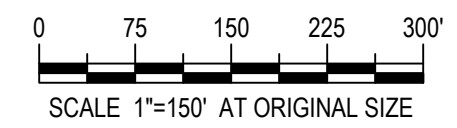
Revised 2021 UMP Amendment

- Modification of Goat Path/Utsyantha Trail
- Existing Trail
- Project Site





- NOTES:**
1. INLET PROTECTION TO BE PROVIDED AT ALL DOWN GRADIENT CATCH BASINS.
 2. CONSTRUCTION FENCE TO BE PROVIDED NEAR WETLANDS AND STREAMS TO AVOID IMPACT.



PROJECT TITLE: BELLEAYRE MOUNTAIN SKI CENTER
DRAWING TITLE: PROPOSED GOAT PATH / UTASAYANTHA TRAIL

EDR JOB NUMBER: 21071
SCALE: AS SHOWN

DRAWN BY: AWL
DRAWING NUMBER: G-003

CHECKED BY: CPP
DATE: 03/2023

SECTION 1

Forest preserve to be forever kept wild; certain uses and exceptions authorized

Constitution (CNS) CHAPTER , ARTICLE XIV

ARTICLE XIV

Conservation

Section 1. The lands of the state, now owned or hereafter acquired, constituting the forest preserve as now fixed by law, shall be forever kept as wild forest lands. They shall not be leased, sold or exchanged, or be taken by any corporation, public or private, nor shall the timber thereon be sold, removed or destroyed. Nothing herein contained shall prevent the state from constructing, completing and maintaining any highway heretofore specifically authorized by constitutional amendment, nor from constructing and maintaining to federal standards federal aid interstate highway route five hundred two from a point in the vicinity of the city of Glens Falls, thence northerly to the vicinity of the villages of Lake George and Warrensburg, the hamlets of South Horicon and Pottersville and thence northerly in a generally straight line on the west side of Schroon Lake to the vicinity of the hamlet of Schroon, then continuing northerly to the vicinity of Schroon Falls, Schroon River and North Hudson, and to the east of Makomis Mountain, east of the hamlet of New Russia, east of the village of Elizabethtown and continuing northerly in the vicinity of the hamlet of Towers Forge, and east of Poke-O-Moonshine Mountain and continuing northerly to the vicinity of the village of Keeseville and the city of Plattsburgh, all of the aforesaid taking not to exceed a total of three hundred acres of state forest preserve land, nor from constructing and maintaining not more than twenty-five miles of ski trails thirty to two hundred feet wide, together with appurtenances thereto, provided that no more than five miles of such trails shall be in excess of one hundred twenty feet wide, on the north, east and northwest slopes of Whiteface Mountain in Essex county, nor from constructing and maintaining not more than twenty-five miles of ski trails thirty to two hundred feet wide, together with appurtenances thereto, provided that no more than two

miles of such trails shall be in excess of one hundred twenty feet wide, on the slopes of Belleayre Mountain in Ulster and Delaware counties and not more than forty miles of ski trails thirty to two hundred feet wide, together with appurtenances thereto, provided that no more than eight miles of such trails shall be in excess of one hundred twenty feet wide, on the slopes of Gore and Pete Gay mountains in Warren county, nor from relocating, reconstructing and maintaining a total of not more than fifty miles of existing state highways for the purpose of eliminating the hazards of dangerous curves and grades, provided a total of no more than four hundred acres of forest preserve land shall be used for such purpose and that no single relocated portion of any highway shall exceed one mile in length. Notwithstanding the foregoing provisions, the state may convey to the village of Saranac Lake ten acres of forest preserve land adjacent to the boundaries of such village for public use in providing for refuse disposal and in exchange therefore the village of Saranac Lake shall convey to the state thirty acres of certain true forest land owned by such village on Roaring Brook in the northern half of Lot 113, Township 11, Richards Survey. Notwithstanding the foregoing provisions, the state may convey to the town of Arietta twenty-eight acres of forest preserve land within such town for public use in providing for the extension of the runway and landing strip of the Piseco airport and in exchange therefor the town of Arietta shall convey to the state thirty acres of certain land owned by such town in the town of Arietta. Notwithstanding the foregoing provisions and subject to legislative approval of the tracts to be exchanged prior to the actual transfer of title, the state, in order to consolidate its land holdings for better management, may convey to International Paper Company approximately eight thousand five hundred acres of forest preserve land located in townships two and three of Totten and Crossfield Purchase and township nine of the Moose River Tract, Hamilton county, and in exchange therefore International Paper Company shall convey to the state for incorporation into the forest preserve approximately the same number of acres of land located within such townships and such County on condition that the legislature shall determine that the lands to be received by the state are at least equal in value to the lands to be conveyed by the state. Notwithstanding the foregoing provisions and subject to legislative approval of the tracts to be exchanged prior to the actual