

Forest Preserve Detailed Project Work Plan

Fiscal Year 2024-2025

Project # 2024-ORDA-004
CO-WP-353

<u>Region</u>	<u>Project Title</u>
5	Half & Half Glades

<u>Project Type</u>	<u>Town(s)</u>	<u>County</u>	<u>Management Unit</u>
Modification of Existing Facility	Johnsburg	Warren	Gore Mountain Intensive Use Area / Johnsburg Town Lands

Description of Desired Condition(s) for Project:

Outlined in the 2018 UMP for Gore Mountain and the 2018 Ski Bowl Section 814 APA Approval Half-and-Half Glades is referenced under the action items “Construct Trails 11-O and 12-O” and “Project Description.” Please see the attached documents from the 2018 UMP for Gore Mountain section 4, A. d., and the 2018 Ski Bowl Section 814 APA Approval section D, 4. The trail will be partially located in the intensive use area, with the other half situated on the Town of Johnsburg lands within the North Creek Ski Bowl. The trail 12-O conversion will provide skiers access to the Moxham Trail in the Ski Bowl by serving as a cross-connection trail from the intersection of the Oak Ridge Trail and Peaceful Valley Trail.

Description of Project Specifications:

Convert the Half-and-Half Glade into a ski trail. The new ski trail will be 60 feet wide. The portion of the trail on State land is 305 feet long. Please see the figure ES-2, attached to this application. The project will require tree cutting and minor regrading. Please see tree count attached to this application.

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

There is the possibility of some ground floor view that could be associated with converting this glade to an alpine trail. The project will adhere to the best management practices under NYS erosion and sediment control guidelines as designed and included in the stormwater pollution prevention plan. This project will not have any impact on wetlands, waterbodies or rare, threatened, or endangered species.

Analysis of Project Location and Design Alternatives:

Using the Half-and-Half Glades as a conjoining trail to the Ski Bowl will mitigate the impact of skiers entering the Moxham Trail from the existing Oak Ridge Trail. This will allow for a safer transition for skiers to enter from specific trails into the Ski Bowl. This project was developed as part of the 2018 UMP for Gore Mountain and the 2018 Ski Bowl Section 814 APA Approval.

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

To construct the Half-and-Half Glades trail effectively, we will utilize the following motorized equipment: chain saws, excavators, bulldozers, skidders, UTVs.

Description of Applicable Standards for Accessibility by People with Disabilities:

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

Other Relevant Considerations:

The projects detailed in this work plan for Gore Mountain skiing are supported by Article XIV section 1 which proves that “Nothing herein shall prevent the state from... constructing and maintaining [of] not more than forty miles of ski trails

thirty to eighty 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 . . .”

Prepared by (Name & Title): Emma Lamy, Sustainability &
Environmental Compliance Officer
Phone: (518) 302-5314

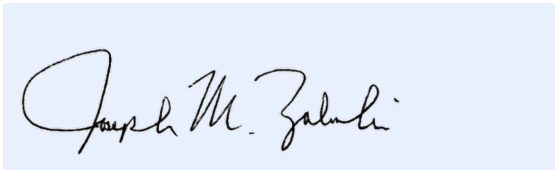
Date: 2/13/2024

Approvals:

Comments:



Regional Program Manager
Date: 7/25/2024



Regional Director
Date: 9/09/2024







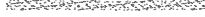



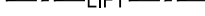






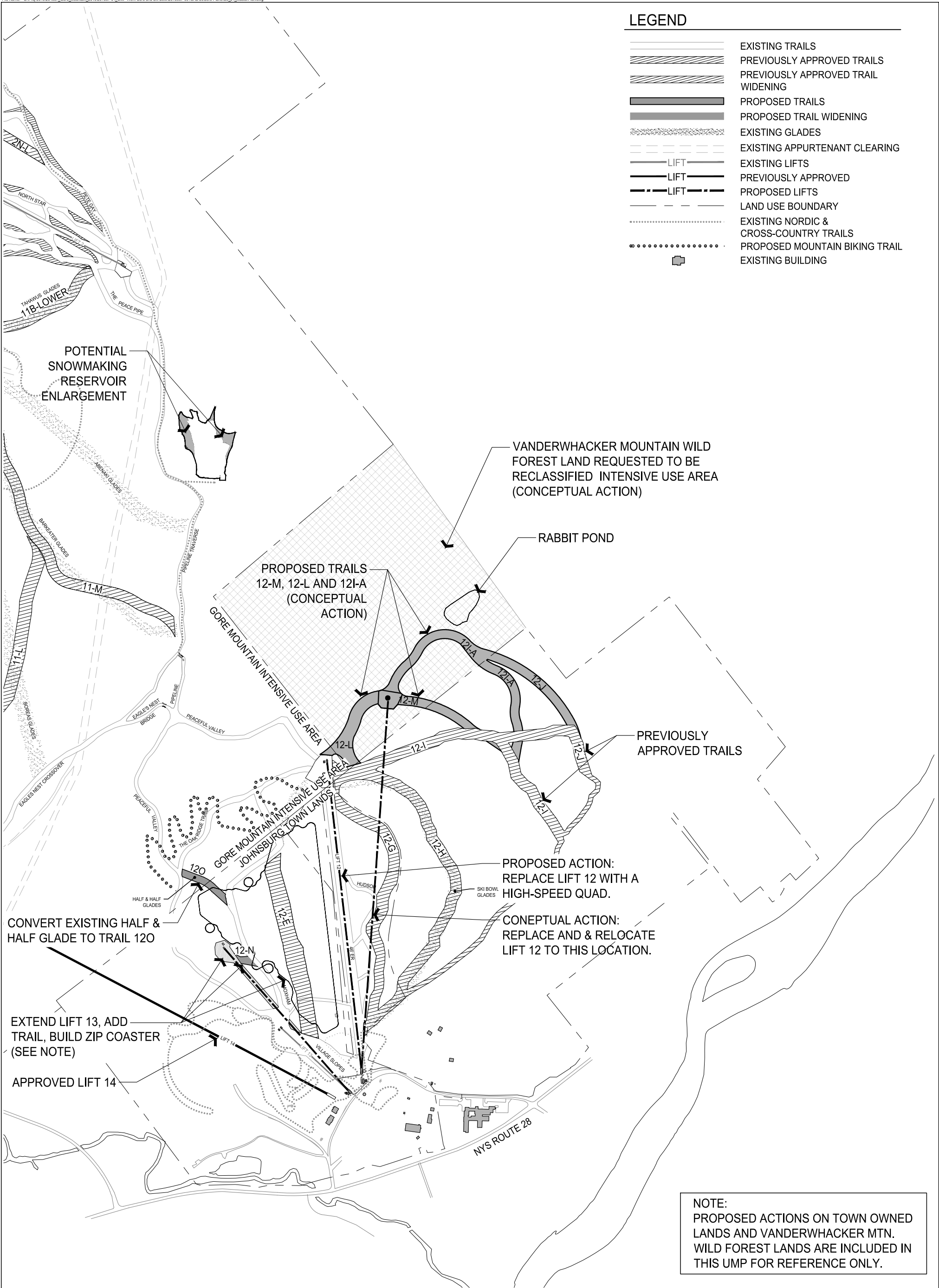
Assistant Division Director
Date: 9/4/2024

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 type="checkbox"/>	<input checked="" type="checkbox"/>		
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"/>		
	Tree Cutting	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
	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"/>		

LEGEND

-  EXISTING TRAILS
-  PREVIOUSLY APPROVED TRAILS
-  PREVIOUSLY APPROVED TRAIL WIDENING
-  PROPOSED TRAILS
-  PROPOSED TRAIL WIDENING
-  EXISTING GLADES
-  EXISTING APPURTENANT CLEARING
-  LIFT
-  EXISTING LIFTS
-  PREVIOUSLY APPROVED LIFT
-  PROPOSED LIFTS
-  LAND USE BOUNDARY
-  EXISTING NORDIC & CROSS-COUNTRY TRAILS
-  PROPOSED MOUNTAIN BIKING TRAIL
-  EXISTING BUILDING



NOTE:
 PROPOSED ACTIONS ON TOWN OWNED LANDS AND VANDERWHACKER MTN. WILD FOREST LANDS ARE INCLUDED IN THIS UMP FOR REFERENCE ONLY.

season” which is the time when many local businesses currently struggle. Included in the Town-ORDA Agreement is that “the Town of Johnsburg will become a stake holding participant in winter and summer marketing plans and advertising initiatives, a defined portion of which will market the mountain and community in cooperative partnership.”

Other local benefits that are included in the 2017 twenty-year ORDA-Town Agreement include the following:

- ORDA will provide a full season pass for skiing privileges for all students from the Johnsburg Central School or residing in the Town of Johnsburg.
- ORDA will also sponsor six tickets for each resident good for winter or summer.
- ORDA will assist with finding grants and funding, provide free access one day per week for the Johnsburg Youth Program, and develop a sliding hill.
- ORDA will own and operate the Joe Minder Lodge and lease it for \$1 to the Johnsburg Youth Commission between May and October.
- ORDA will also include the Town of Johnsburg in marketing and advertising initiatives.
- Individual businesses within the Town of Johnsburg will receive a discounted opportunity to market and purchase advertising in ORDA publications.
- ORDA will add a feature to its website that portrays the Town of Johnsburg as an authentic ski town.

D. Project Description

The following actions are proposed for construction. See the accompanying plan set that is part of this NOI.

1. Extend and realign existing lift 13 (the Village Chair). Lift 13 is currently a short lift that serves the Village Slopes that includes the terrain park (Boarder Cross) at the Ski Bowl. Lift 13 will be rotated slightly to the north and extended by approximately 1,000 feet. Extending the lift up to this elevation will provide appropriate access the Boarder Cross starting gate on the Moxham ski trail.

2. Create a short new alpine trail, 12N, to connect the new top of lift 13 with the existing Moxham ski trail. A short section of trail is needed to connect the top terminal of the relocated/extended lift 13 with existing ski trails. Trail 12N is approximately 100 feet long and 100 feet wide.

3. Install new lighting at the top of Lift 13. The Village slopes, including Boarder Cross, is currently lit when night skiing is provided at the Ski Bowl. The new development will light the area around the Lift 13 top terminal, Trail 12N and that portion of the Moxham Trail between 12N and the Village Slopes.

4. Convert the current Half and Half glades to an alpine trail. This conversion will provide a better cross connection between the existing Oak Ridge and Moxham trails.

5. Install a high ropes course. The high ropes course will be accessed off of the new upper terminal of Lift 13. Features in the high ropes course will be similar to others in the region such as the Adirondack Extreme Treetop Adventure Park in Bolton Landing.

6. Install a non-linear zip-line or “zip coaster.” A zip coaster is a zip line that does not travel in a straight line. The preliminary design shown on the attached plans includes a start platform just above the miniature golf. From the platform, riders will be pulled up the hill to the start point, and from there riders will proceed downhill through a series of curves, including some 360 curves. A video rendering of an example zip coaster ride can be found here:

<http://www.zipflyer.com/zip-flyer-products/zip-coaster/>

7. Install a miniature golf course. A typical miniature golf course will be constructed just to the south of the lowest portion of lift 12 (the Hudson Chair).

8. Install a summer tubing hill. The proposed tubing hill at the Ski Bowl is estimated to have a footprint of approximately 22,500 sq. ft. The sliding surface consists of a high performance polymer composite material set over an impervious membrane. In addition to the sliding surface system, a surface tow or carpet conveyor lift will transport riders from the base to the top of the tubing hill.

9. Install additional lighting in existing areas of parking. Additional lighting will be installed for safety and security. See the accompanying plans in this NOI for details on light types and locations. There is a detail on Sheet C-4.0 and lighting cut sheets follow the plans.

E. Development Considerations

The following are the *development considerations from APA Act Section 805(4)* as they relate to ORDA’s proposed development at Ski Bowl Park.

4. Development considerations

a. Natural resource considerations.

(1) Water

(a) Existing water quality.

North Creek (the stream) is the closest permanent/perennial water body to the proposed development. North Creek is not on the final 2016 NYS Section 303(d) List of Impaired/TMDL Waters.

By adding this additional lift that puts beginning skiers lower on Lower Sunway where terrain is less challenging, there can be a more gradual progression of terrain difficulty for beginning skiers.

c. Widen Sunway and other green trails served by Lift 3

Figure 1, 2018 New Management Actions (South), shows the areas of trail widening.

- Sunway above and below the relocated Sunway lift
- Otter Slide
- 3B
- Cutoff
- Ward Hill
- Lower Sunway
- Little Dipper
- Jamboree

Trail widening in these areas will lessen congestion and provide for more enjoyable and safer skiing conditions on this beginner and intermediate terrain.

d. Construct Trails 11-O and 12-O

Trail 11-O is a new intermediate-level trail that will connect the Burnt Ridge portion of Gore Mountain with the base lodge area. Trail 11-O will start off of the existing Sagamore trail on skier's right. The upper portion of this trail will be constructed on the location of previously approved Trail 11-J that is currently part of the Cirque Glades. The trail will then turn to the south and connect with the base lodge area just downhill of the existing Echo ski trail.







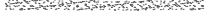



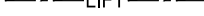




Trail 12-O will be constructed in the area that is currently the Half-and-Half Glade. Half of this new trail will be within the Intensive Use Area and the other half will be within the North Creek Ski Bowl on Town of Johnsborg lands. This trail will connect the existing Oak Ridge Trail near its intersection with the Peaceful Valley Trail with the Moxham Trail in the Ski Bowl.

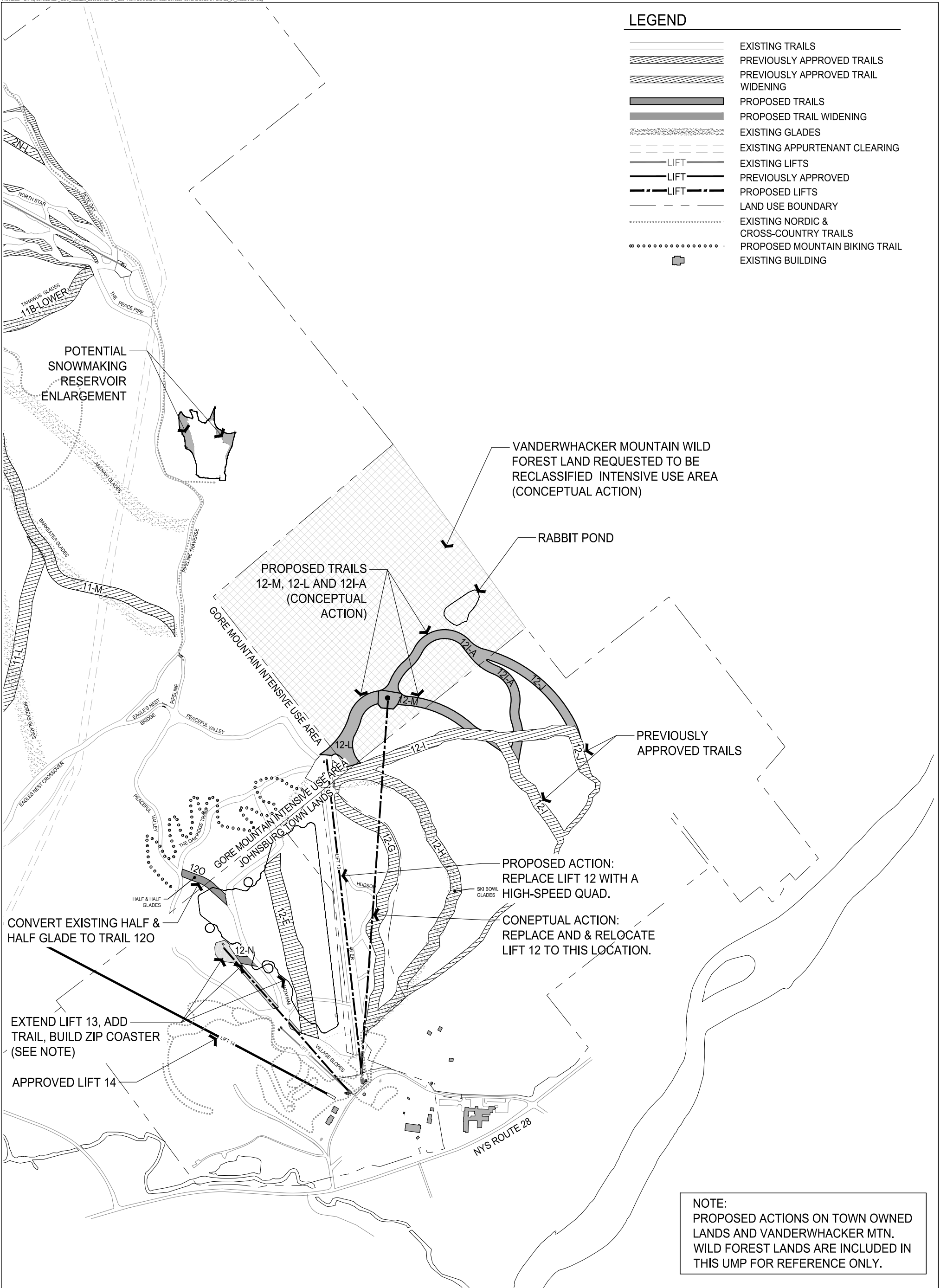
3. Snowmaking - Enlarge snowmaking reservoir

During periods of optimal snowmaking weather, the capacity of the existing snowmaking reservoir can limit the ski trail snowmaking capability on Gore Mountain.

The primary snowmaking water source for Gore Mountain is its intake on the Hudson River near the North Creek train station. Gore Mountain is permitted to withdraw 4,800 gallons per minute at its Hudson River intake (2014 NYSDEC Water Withdrawal Permit). Water that is

LEGEND

-  EXISTING TRAILS
-  PREVIOUSLY APPROVED TRAILS
-  PREVIOUSLY APPROVED TRAIL WIDENING
-  PROPOSED TRAILS
-  PROPOSED TRAIL WIDENING
-  EXISTING GLADES
-  EXISTING APPURTENANT CLEARING
-  LIFT
-  EXISTING LIFTS
-  PREVIOUSLY APPROVED LIFT
-  PROPOSED LIFTS
-  LAND USE BOUNDARY
-  EXISTING NORDIC & CROSS-COUNTRY TRAILS
-  PROPOSED MOUNTAIN BIKING TRAIL
-  EXISTING BUILDING



NOTE:
 PROPOSED ACTIONS ON TOWN OWNED LANDS AND VANDERWHACKER MTN. WILD FOREST LANDS ARE INCLUDED IN THIS UMP FOR REFERENCE ONLY.

