



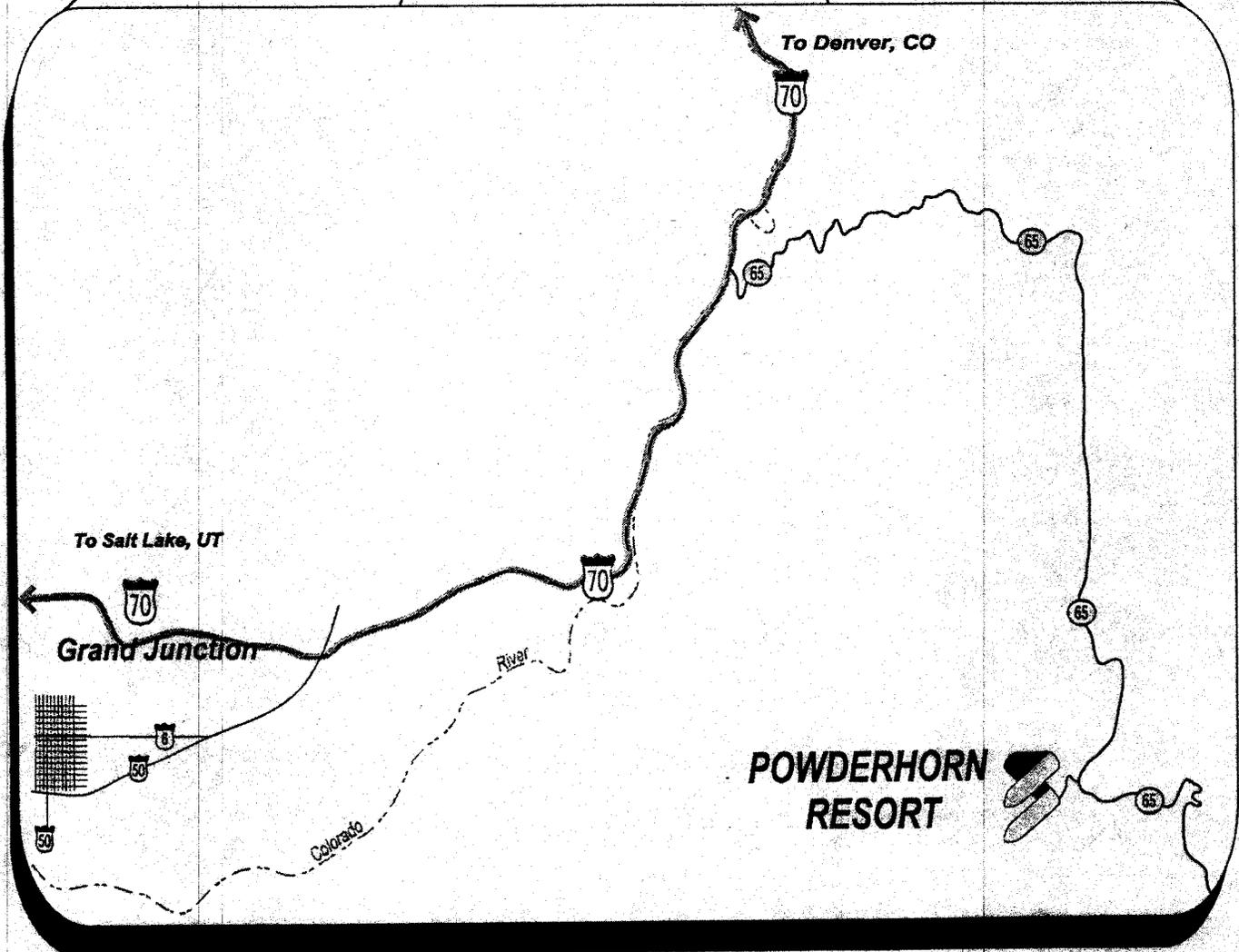
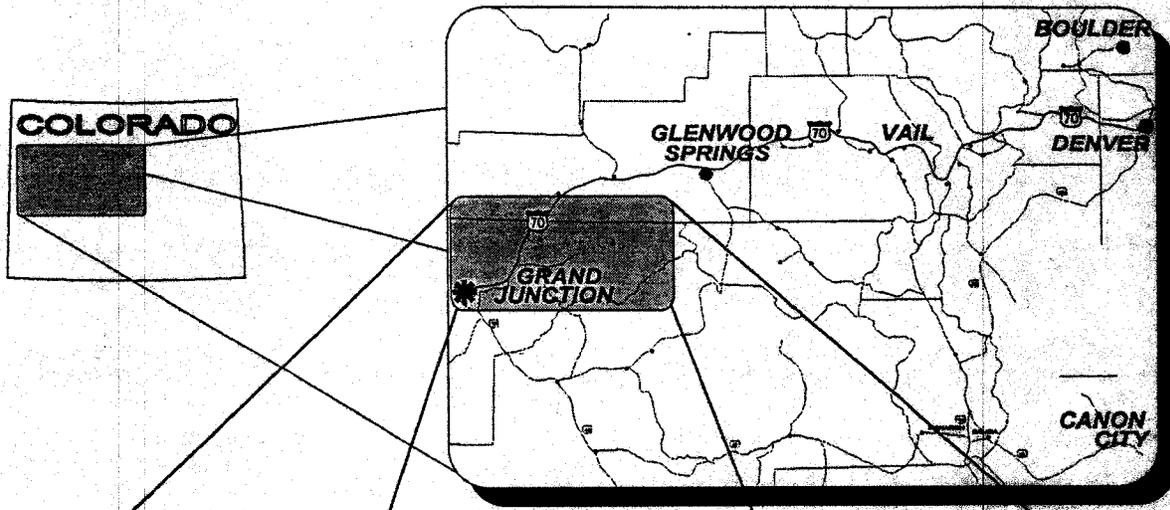
**POWDERHORN
RESORT**

Mesa County, Colorado

Powderhorn Mtn. Upgrade Plan

Figure I-1

Project No. 200275197





Powderhorn Resort

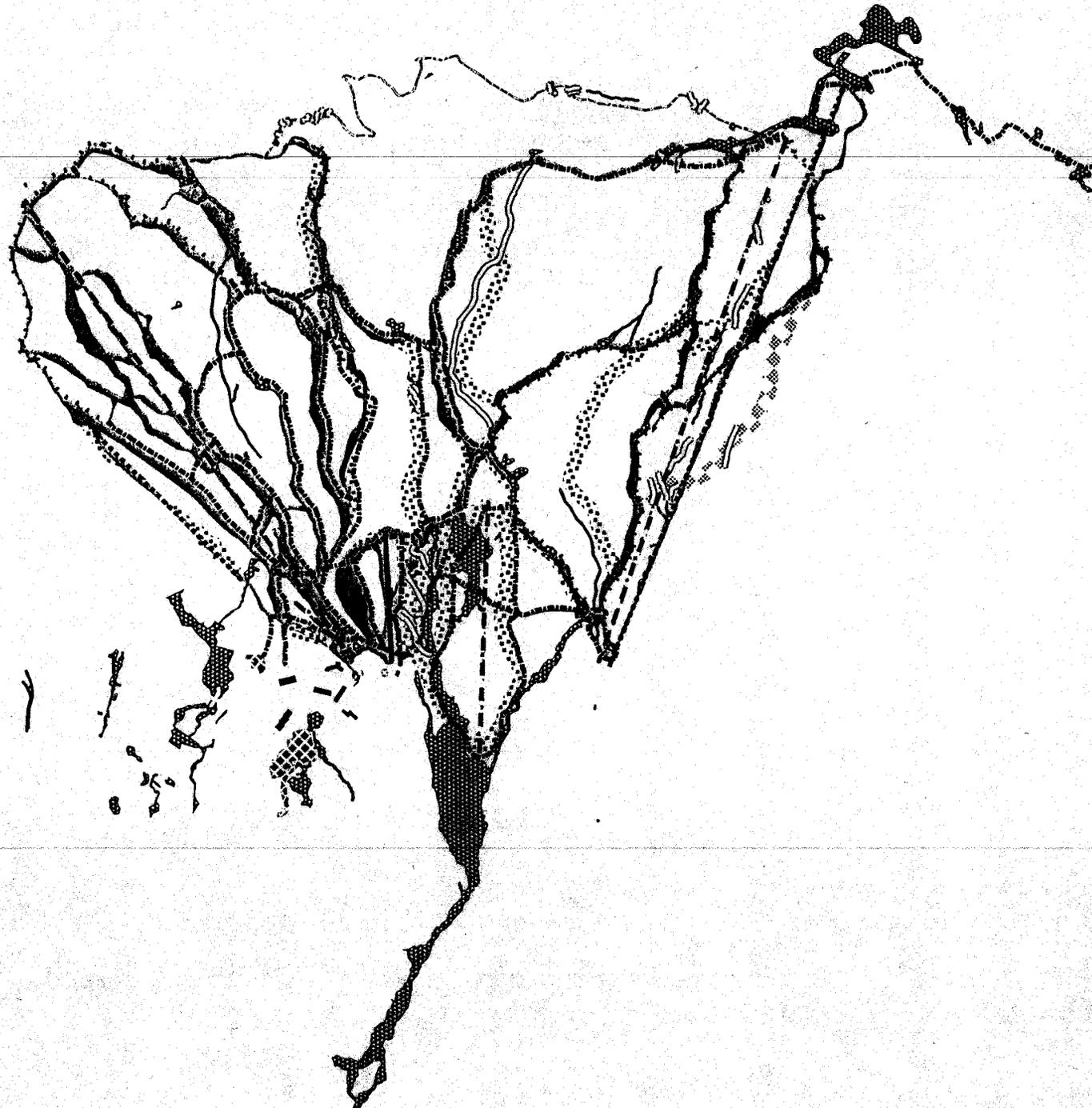
Mesa County, Colorado

Powderhorn Mtn. Upgrade Plan

Overall Wetlands

Legend

-  Wetlands
-  Proposed Trails
-  Proposed Gladed Skiing
-  Existing trails
-  Proposed Above Ground Snowmaking
-  Proposed Below Ground Snowmaking
-  Proposed Road/Parking



Not to Scale

Figure I - 2

Project No. 200275197





**Powderhorn
Resort**

Mesa County, Colorado

**Powderhorn Mtn.
Upgrade Plan**

Figure Index

Legend

-  Wetlands
-  Proposed Trails
-  Proposed Gladed Skiing
-  Existing trails
-  Proposed Above Ground Snowmaking
-  Proposed Below Ground Snowmaking
-  Proposed Road/Parking

Scale 1" = 1,200'

Figure II - 1

Project No. 200275197

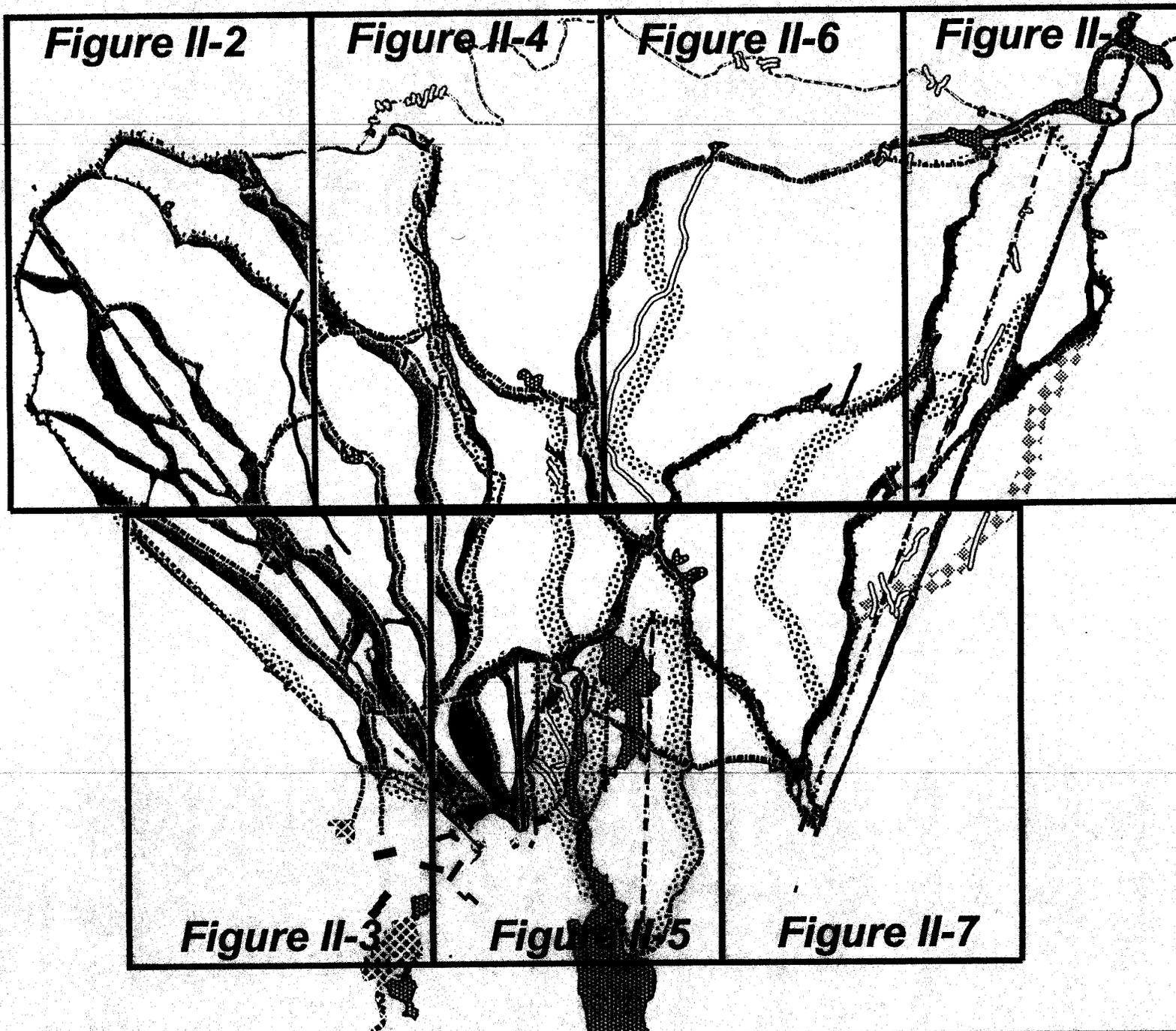


Table 1. Permanent Impacts to Wetlands and Waters of the United States.

Wetland No.	Wetland Type	Impact	Typical Drawing
93	p. emergent	road crossing	IV-1
95	p. emergent	road crossing	IV-1
116	bed and bank	road crossing	IV-2
117	bed and bank	road crossing	IV-2
118	bed and bank	road crossing	IV-2
119	bed and bank	road crossing	IV-2
120	bed and bank	road crossing	IV-2
121	bed and bank	road crossing	IV-2
122	bed and bank	road crossing	IV-2
123	bed and bank	road crossing	IV-2
124	bed and bank	road crossing	IV-2
125	bed and bank	road crossing	IV-2

Table 2. Temporary impacts to wetlands and waters during snowmaking pipe installation.

Wetland No.	Wetland Type	Impact	Typical Drawing
16	riverine	utility crossing	IV-3, IV-5
20	scrub shrub	utility crossing	IV-3, IV-5
21	p. emergent	utility crossing	IV-3, IV-5
44	p. emergent/scrub shrub	utility crossing	IV-3, IV-5
45	p. emergent	utility crossing	IV-3, IV-5
60	riverine	utility crossing	IV-3, IV-5
66	forested	utility crossing	IV-3, IV-5
89	p. emergent/scrub shrub	utility crossing	IV-3, IV-5
100	forested	utility crossing	IV-3, IV-5
102	forested	utility crossing	IV-3, IV-5
159	bed and bank	utility crossing	IV-3, IV-5

Table 3. No impact to wetlands and waters associated with construction of the maintenance road. The following wetlands will be crossed with metal half pipes. The footers for the half pipes will be outside the top of bank of the channel.

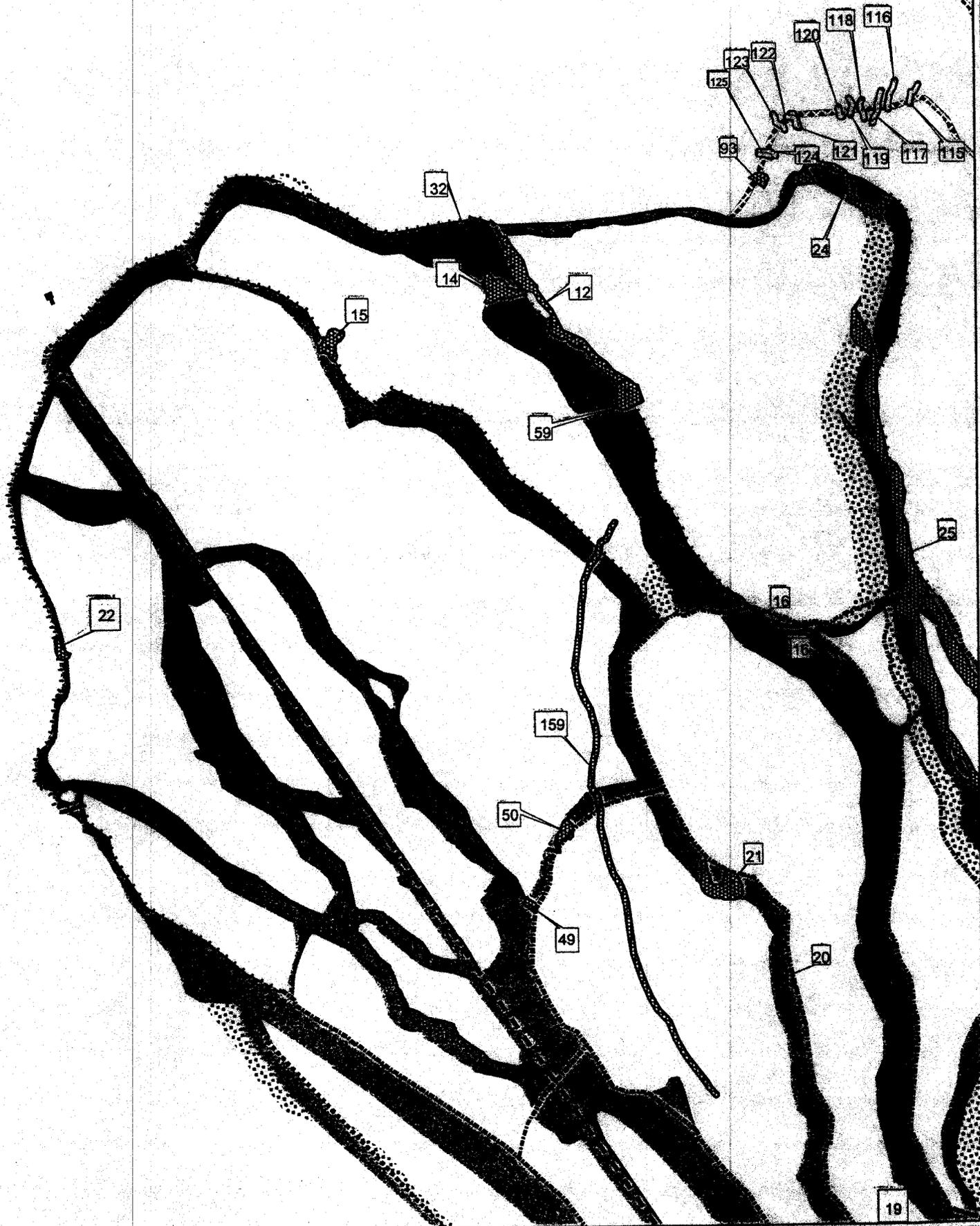
Wetland No.	Wetland Type	Activity
115	bed and bank	road construction
126	bed and bank	road construction
127	bed and bank	road construction
136	bed and bank	road construction
164	bed and bank	road construction
165	bed and bank	road construction
172	bed and bank	road construction

Table 4. Wetland type conversion. No jurisdictional impacts to wetlands and waters associated with new ski trail construction. In areas where trees will be removed around riverine and bed and bank features, snow will be blown and pushed into the channels and will be skied over. Vegetated wetlands will also be skied over.

Wetland No.	Wetland Type	Impact /Trail Type
33A	riverine	flush cut trail construction
61	riverine	flush cut trail construction
67	riverine	flush cut trail construction
86	riverine	flush cut trail construction
104	forested	flush cut trail construction
111	bed and bank	flush cut trail construction
112	bed and bank	flush cut trail construction
113	bed and bank	flush cut trail construction
129	bed and bank	gladed trail construction
130	bed and bank	gladed trail construction
131	bed and bank	gladed trail construction
133	bed and bank	gladed trail construction
139	bed and bank	gladed trail construction
142	bed and bank	flush cut trail construction
144	bed and bank	flush cut trail construction
146	bed and bank	flush cut trail construction
147	bed and bank	flush cut trail construction
148	bed and bank	flush cut trail construction
149	bed and bank	flush cut trail construction
151	bed and bank	flush cut trail construction
160	bed and bank	flush cut trail construction
161	bed and bank	flush cut trail construction
168	bed and bank	flush cut trail construction
169	bed and bank	flush cut trail construction
170	bed and bank	flush cut trail construction
171	bed and bank	flush cut trail construction

Table 5. No jurisdictional impacts. Above ground snowmaking pipe installation through wetlands and waters with the use of helical screws.

Wetland No.	Wetland Type	Typical Drawing
6	riverine	IV-4
12	riverine	IV-4
14	p. emergent	IV-4
15	p. emergent	IV-4
19	riverine	IV-4
22	p. emergent	IV-4
24	p. scrub shrub	IV-4
25	p. scrub shrub	IV-4
27	p. emergent	IV-4
32	riverine	IV-4
35	riverine	IV-4
36	p. emergent/scrub shrub	IV-4
37	p. emergent/scrub shrub	IV-4
38	p. emergent/scrub shrub	IV-4
39	p. emergent/scrub shrub	IV-4
41	riverine	IV-4
42	p. emergent/scrub shrub	IV-4
43	p. emergent	IV-4
44	p. emergent	IV-4
45	p. emergent	IV-4
46	p. emergent	IV-4
49	p. emergent	IV-4
50	p. emergent/scrub shrub	IV-4
55	riverine	IV-4
57	open water	IV-4
59	p. emergent/scrub shrub	IV-4
88	forested	IV-4
92	p. emergent	IV-4
150	bed and bank	IV-4



**Powderhorn
Resort**

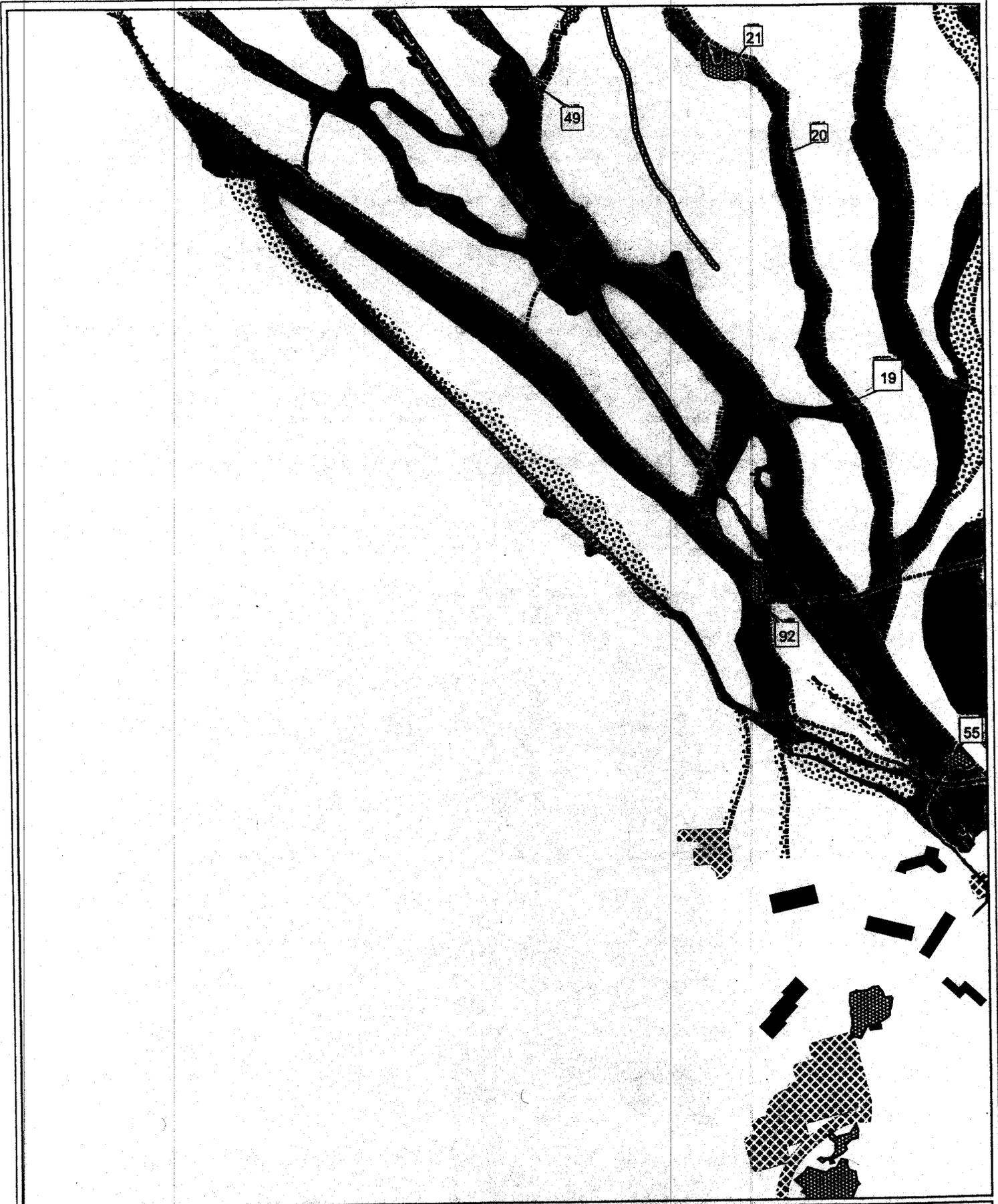
Figure II - 2

Project No. 200275197

- | | | | |
|--|------------------------|--|----------------------------------|
| | Wetlands | | Lifts to be Removed |
| | Proposed Trails | | Proposed Above Ground Snowmaking |
| | Proposed Gladed Skiing | | Proposed Below Ground Snowmaking |
| | Existing trails | | Proposed Road/Parking |
| | Proposed Lifts | | Waters of the US Impact |
| | Existing Lifts | | |



Scale 1" = 500'



**Powderhorn
Resort**

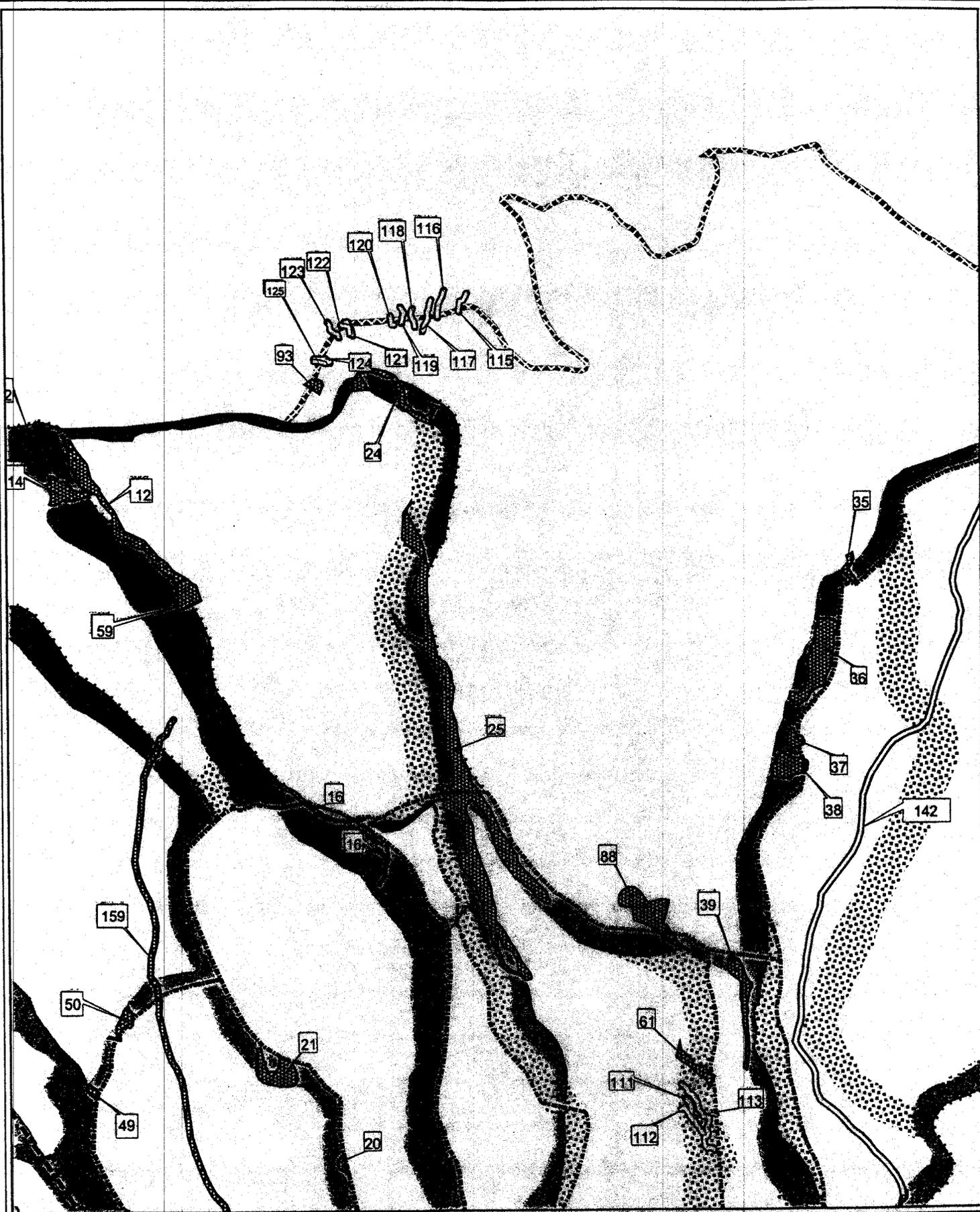
Figure II - 3

Project No. 200275197

- | | |
|------------------------|----------------------------------|
| Wetlands | Lifts to be Removed |
| Proposed Trails | Proposed Above Ground Snowmaking |
| Proposed Gladed Skiing | Proposed Below Ground Snowmaking |
| Existing trails | Proposed Road/Parking |
| Proposed Lifts | Waters of the US Impact |
| Existing Lifts | |



Scale 1" = 500'



**Powderhorn
Resort**

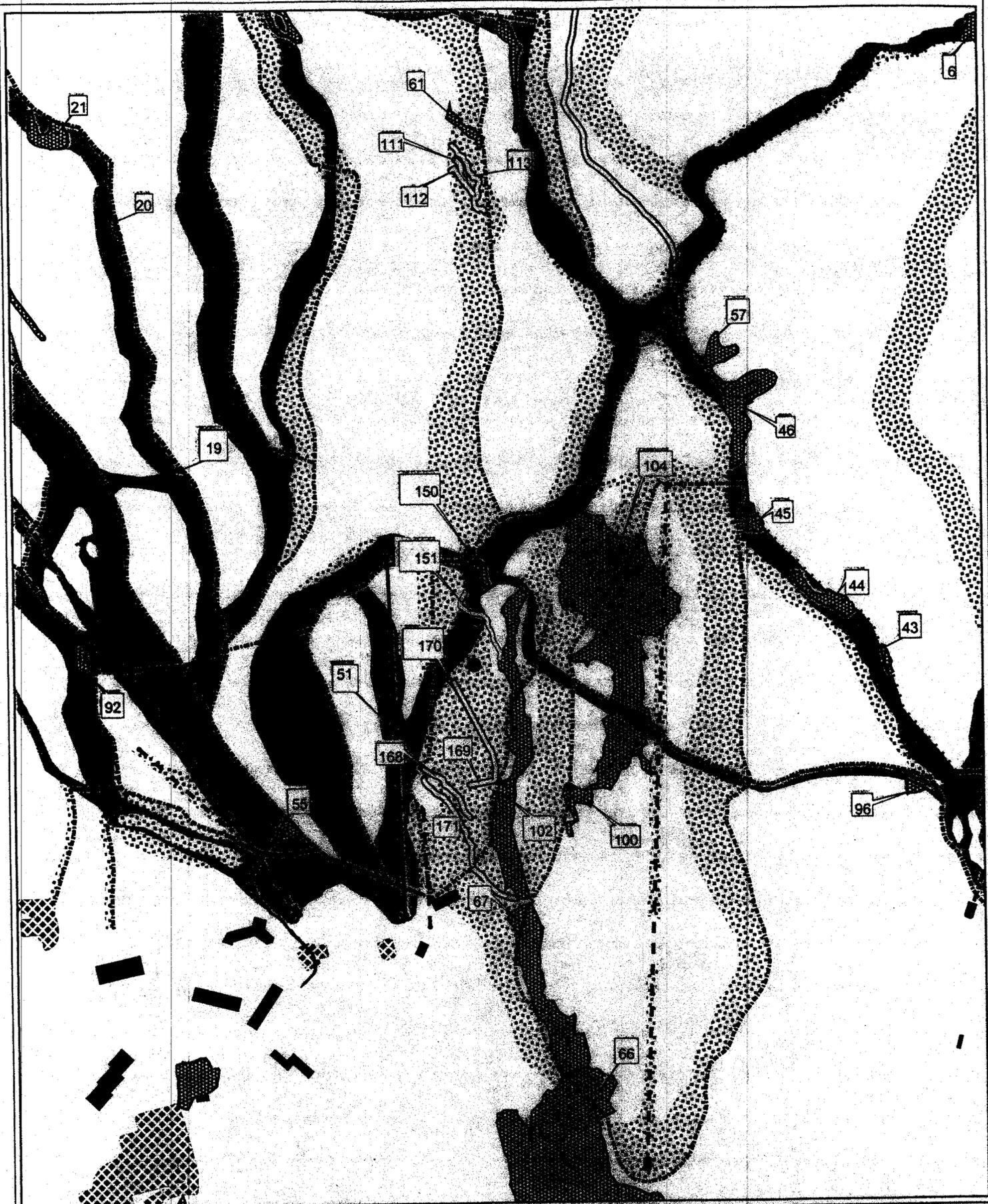
Figure II - 4

Project No. 200275197

- | | |
|------------------------|----------------------------------|
| Wetlands | Lifts to be Removed |
| Proposed Trails | Proposed Above Ground Snowmaking |
| Proposed Gladed Skiing | Proposed Below Ground Snowmaking |
| Existing trails | Proposed Road/Parking |
| Proposed Lifts | Waters of the US Impact |
| Existing Lifts | |



Scale 1" = 500'



**Powderhorn
Resort**

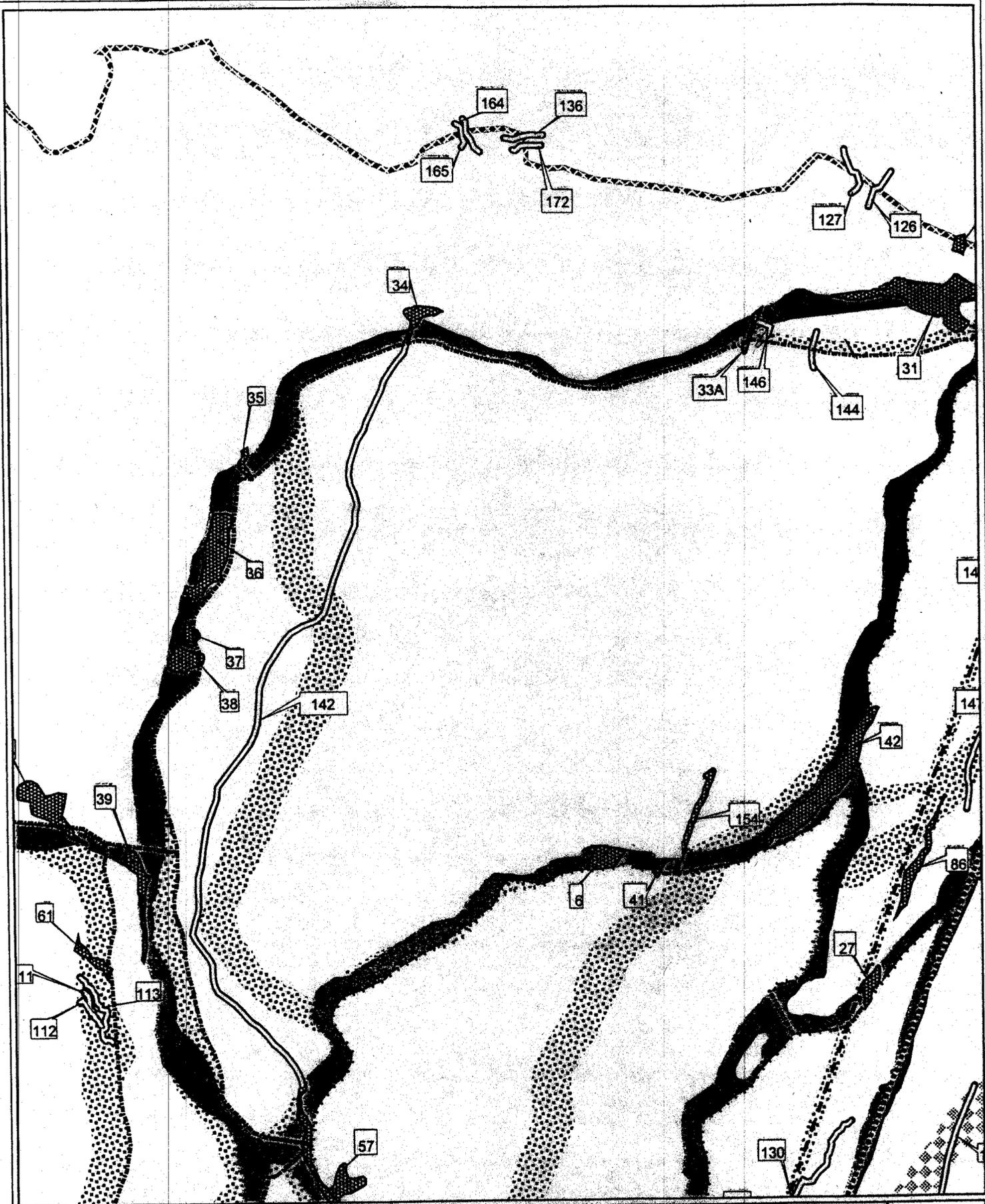
Figure II - 5

Project No. 200275197

- | | |
|------------------------|----------------------------------|
| Wetlands | Lifts to be Removed |
| Proposed Trails | Proposed Above Ground Snowmaking |
| Proposed Gladed Skiing | Proposed Below Ground Snowmaking |
| Existing trails | Proposed Road/Parking |
| Proposed Lifts | Waters of the US Impact |
| Existing Lifts | |



Scale: 1" = 500'



**Powderhorn
Resort**

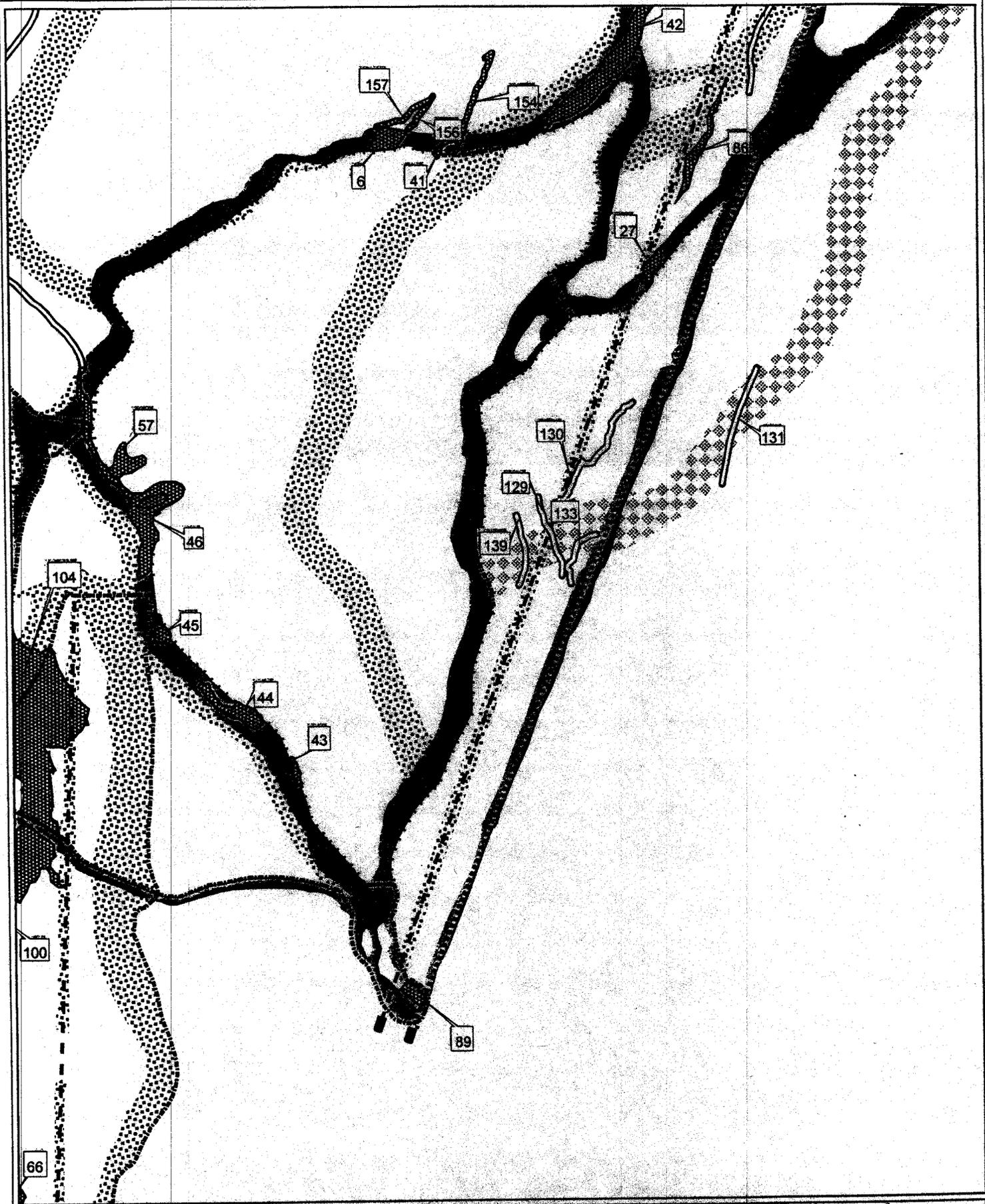
Figure II - 6

Project No. 200275197

- | | |
|------------------------|----------------------------------|
| Wetlands | Lifts to be Removed |
| Proposed Trails | Proposed Above Ground Snowmaking |
| Proposed Gladed Skiing | Proposed Below Ground Snowmaking |
| Existing trails | Proposed Road/Parking |
| Proposed Lifts | Waters of the US Impact |
| Existing Lifts | |



Scale 1" = 500'



**Powderhorn
Resort**

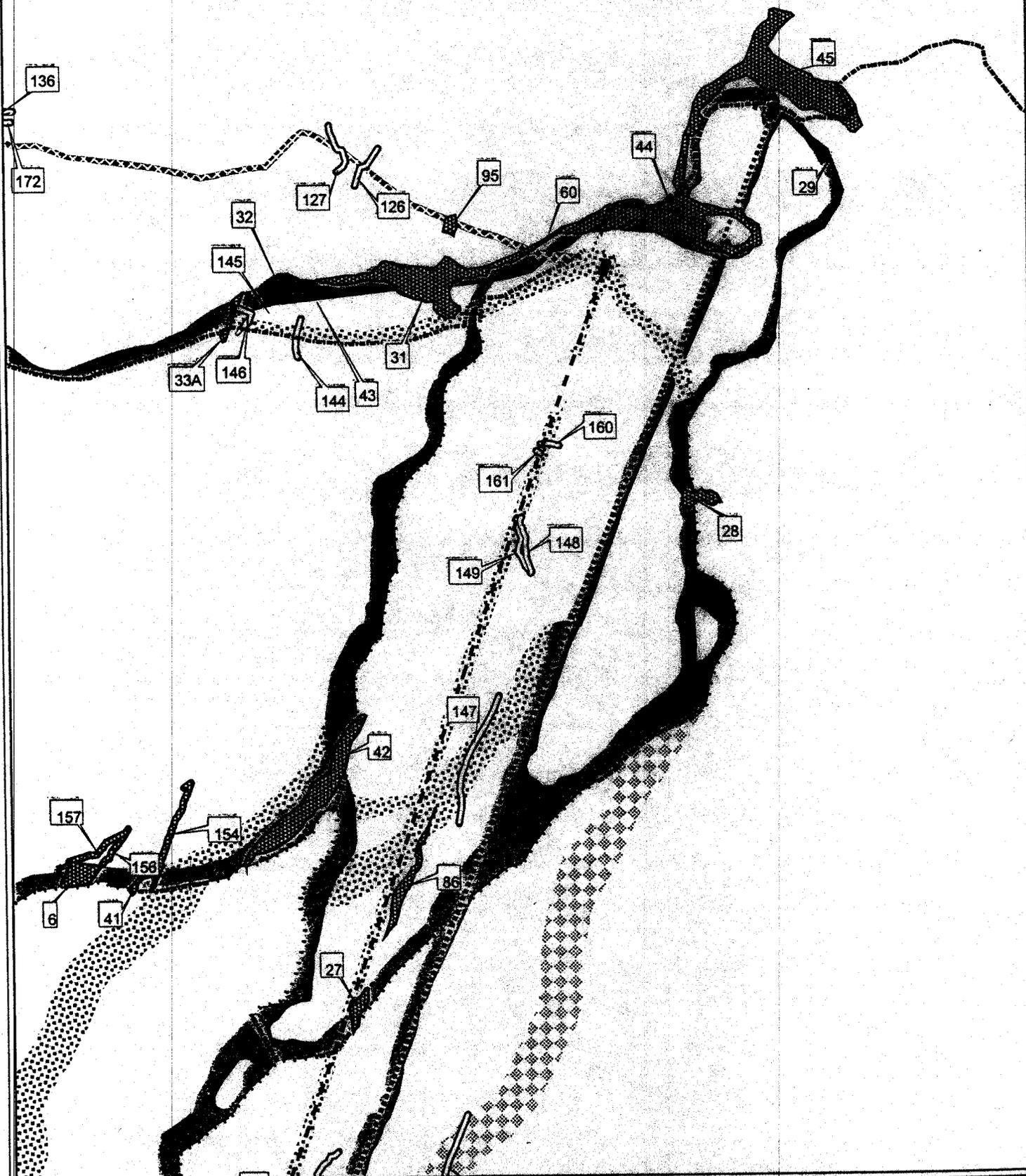
Figure II - 7

Project No. 200275197

- | | |
|------------------------|----------------------------------|
| Wetlands | Lifts to be Removed |
| Proposed Trails | Proposed Above Ground Snowmaking |
| Proposed Gladed Skiing | Proposed Below Ground Snowmaking |
| Existing trails | Proposed Road/Parking |
| Proposed Lifts | Waters of the US Impact |
| Existing Lifts | |



Scale 1" = 500'



**Powderhorn
Resort**

Figure II - 8

Project No. 200275197

- | | |
|------------------------|----------------------------------|
| Wetlands | Lifts to be Removed |
| Proposed Trails | Proposed Above Ground Snowmaking |
| Proposed Gladed Skiing | Proposed Below Ground Snowmaking |
| Existing trails | Proposed Road/Parking |
| Proposed Lifts | Waters of the US Impact |
| Existing Lifts | |



Scale 1" = 500'

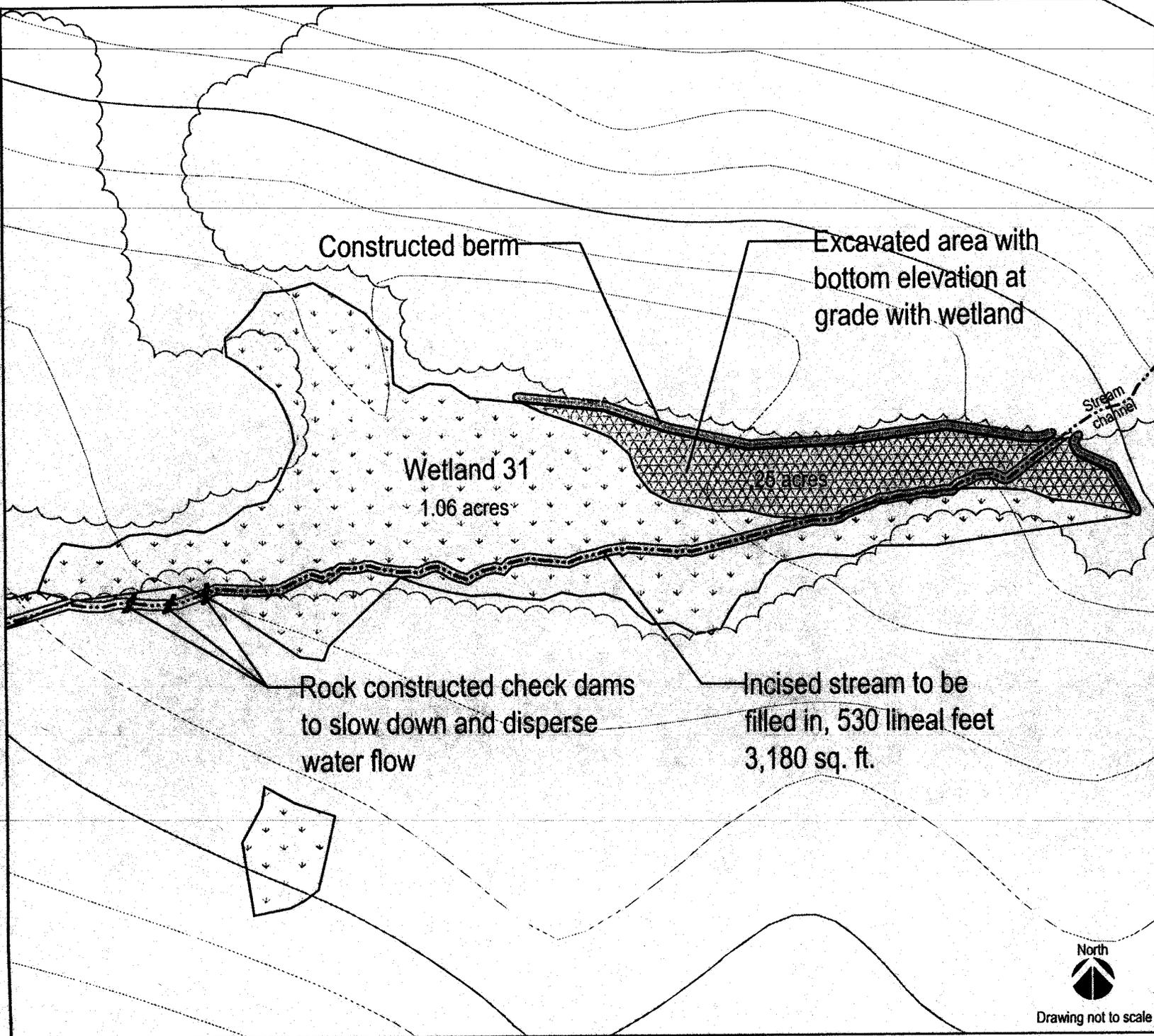


**POWDERHORN
RESORT**
Mesa County, Colorado

**Powderhorn Mtn.
Upgrade Plan**

**MITIGATION
SITE**

Wetland 31



North

Drawing not to scale

Figure III-1
Project No. 200275197



**POWDERHORN
RESORT**
Mesa County, Colorado

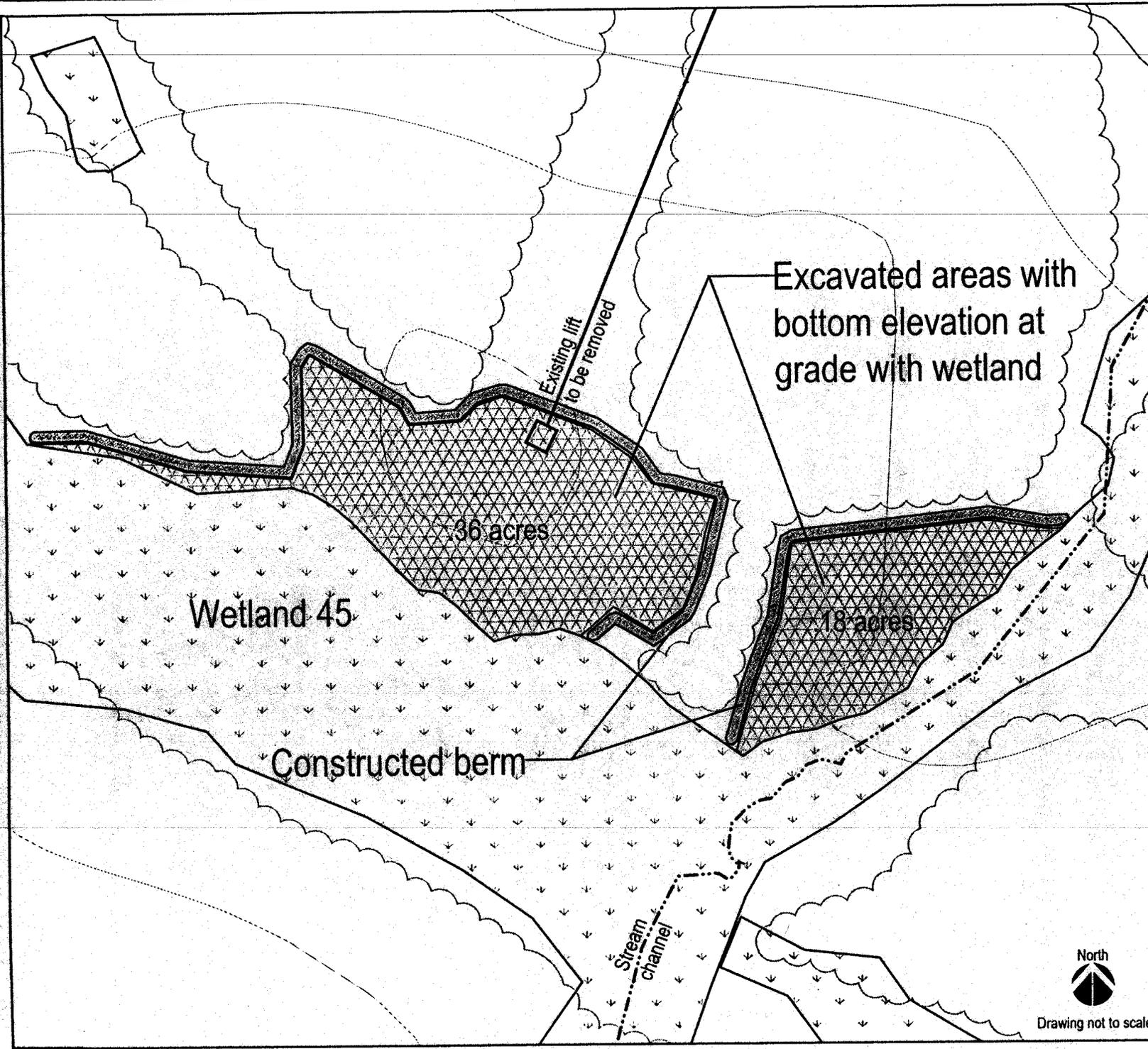
**Powderhorn Mtn.
Upgrade Plan**

**MITIGATION
SITE**

Wetland 45

Figure III-2

Project No. 200275197





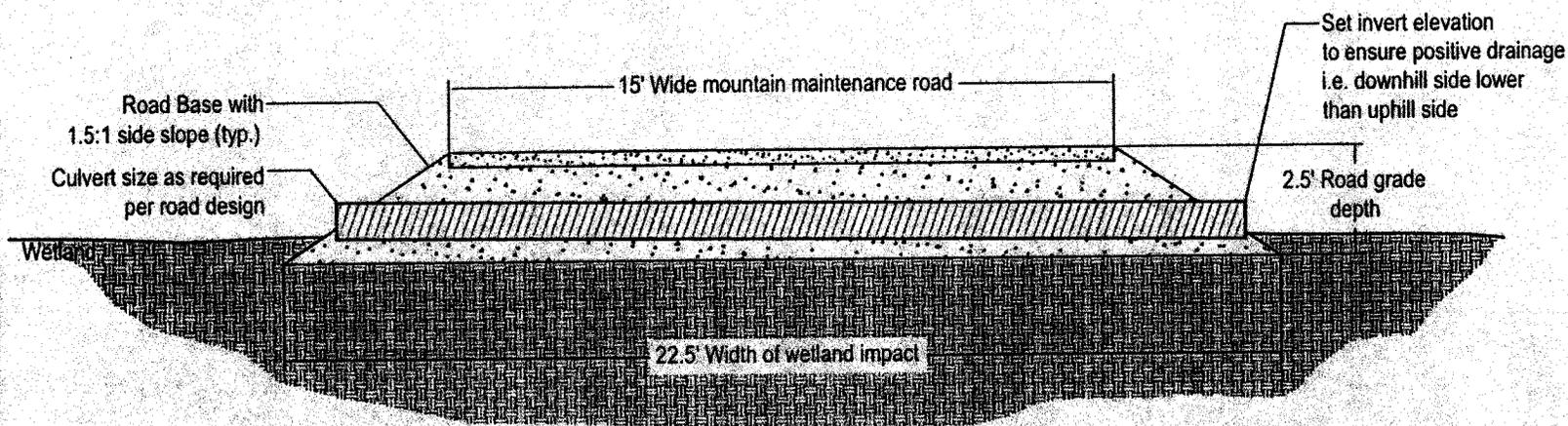
**POWDERHORN
RESORT**
Mesa County, Colorado

**Powderhorn Mtn.
Upgrade Plan**

**WETLAND
IMPACT
DETAILS**

**Typical Culvert
Installation**

wetland crossing



Drawing not to scale

Figure IV-1

Project No. 200275197



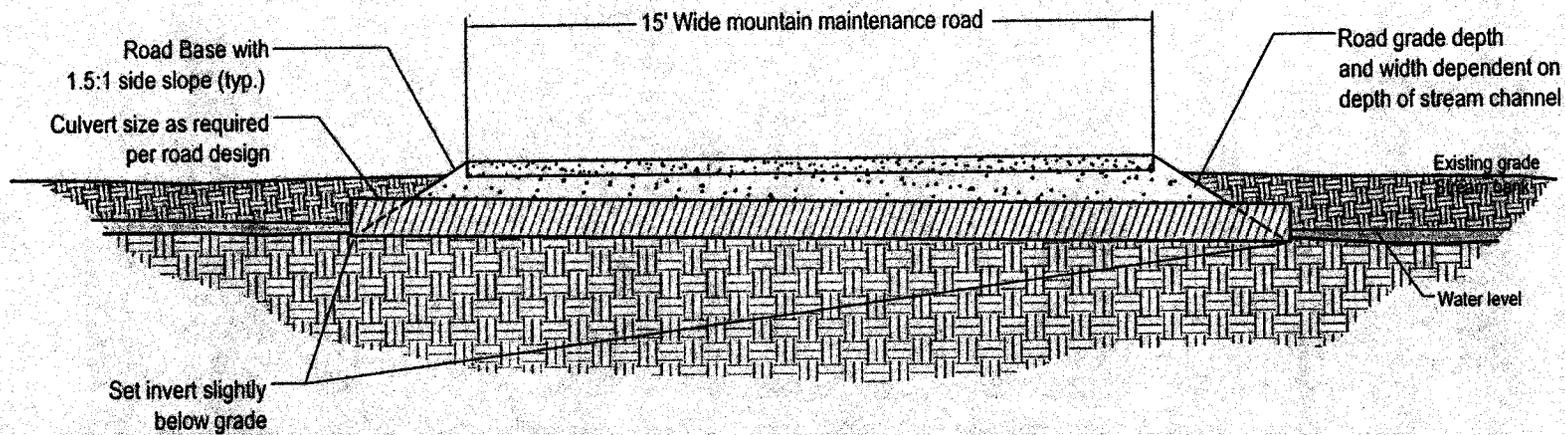
**POWDERHORN
RESORT**
Mesa County, Colorado

**Powderhorn Mtn.
Upgrade Plan**

**WETLAND
IMPACT
DETAILS**

**Typical Culvert
Installation**

stream crossing



Drawing not to scale

Figure IV-2

Project No. 200275197

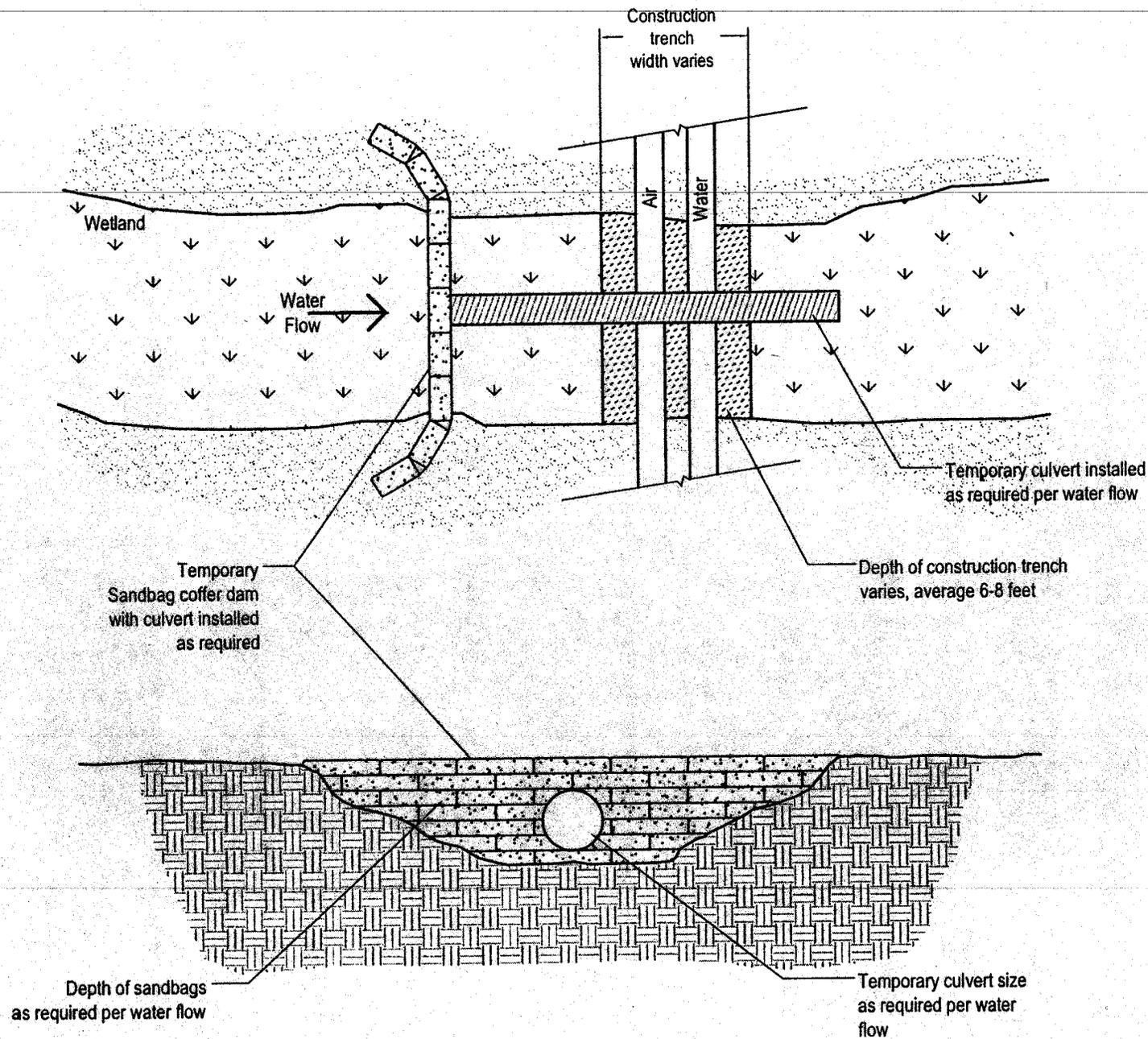


**POWDERHORN
RESORT**
Mesa County, Colorado

**Powderhorn Mtn.
Upgrade Plan**

WETLAND IMPACT DETAILS

**Below Ground
Snowmaking Pipe
Installation**



Drawings not to scale

Figure IV-3

Project No. 200275197

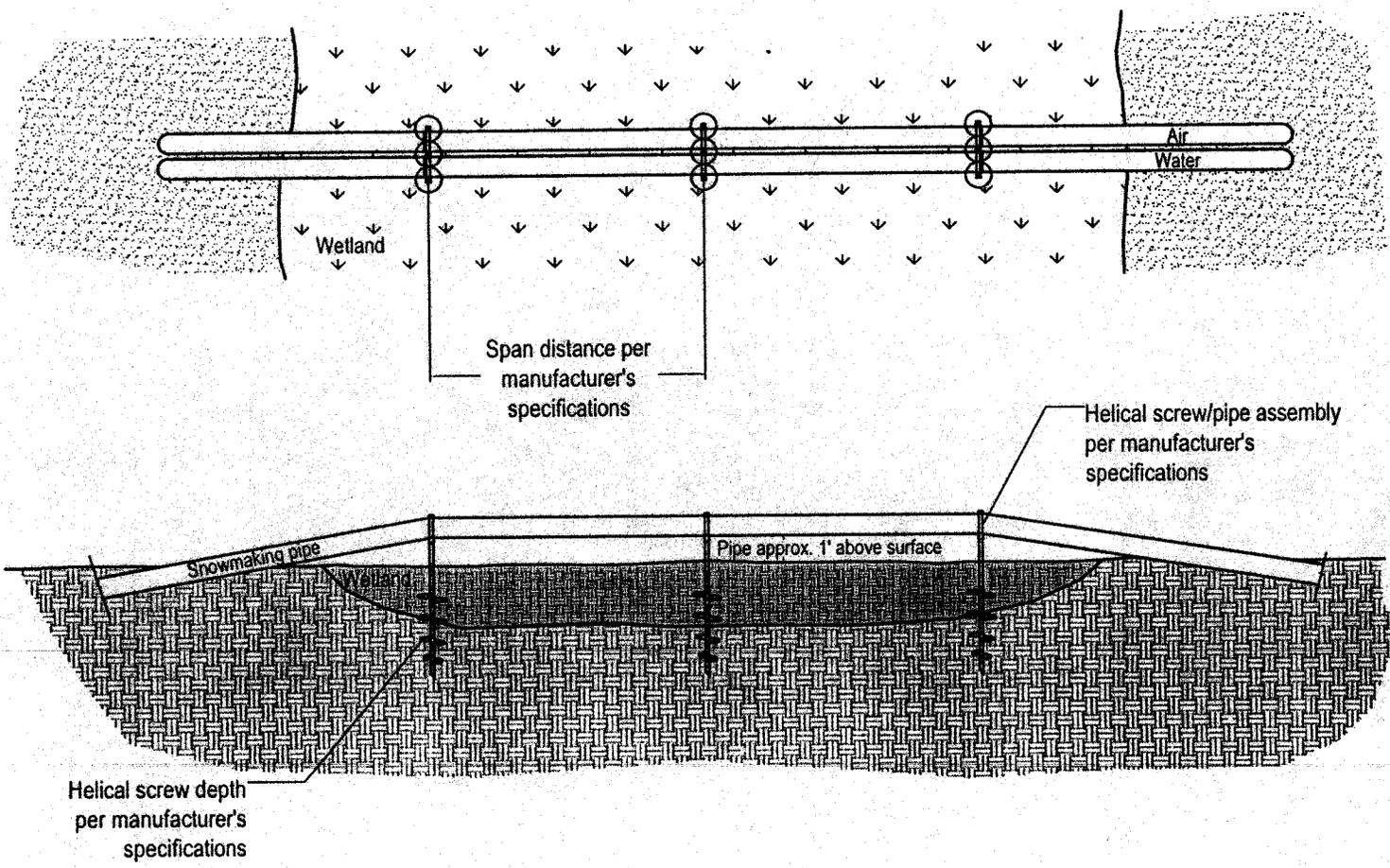


**POWDERHORN
RESORT**
Mesa County, Colorado

**Powderhorn Mtn.
Upgrade Plan**

**WETLAND
IMPACT
DETAILS**

**Above Ground
Snowmaking Pipe
Installation**



Drawings not to scale

Figure IV-4

Project No. 200275197

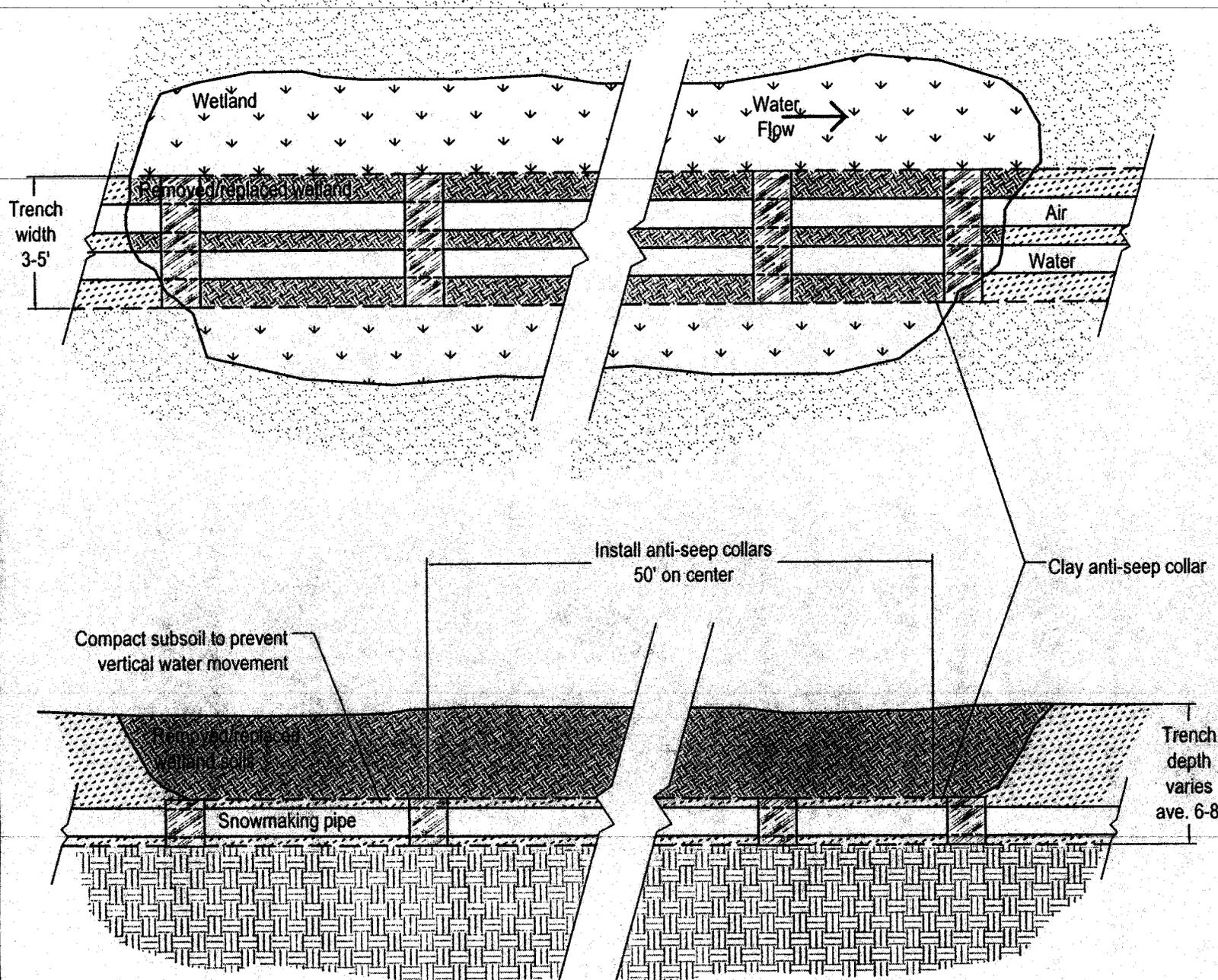


**POWDERHORN
RESORT**
Mesa County, Colorado

**Powderhorn Mtn.
Upgrade Plan**

WETLAND IMPACT DETAILS

Anti-seep Collar



Drawings not to scale

Figure IV-5

Project No. 200275197