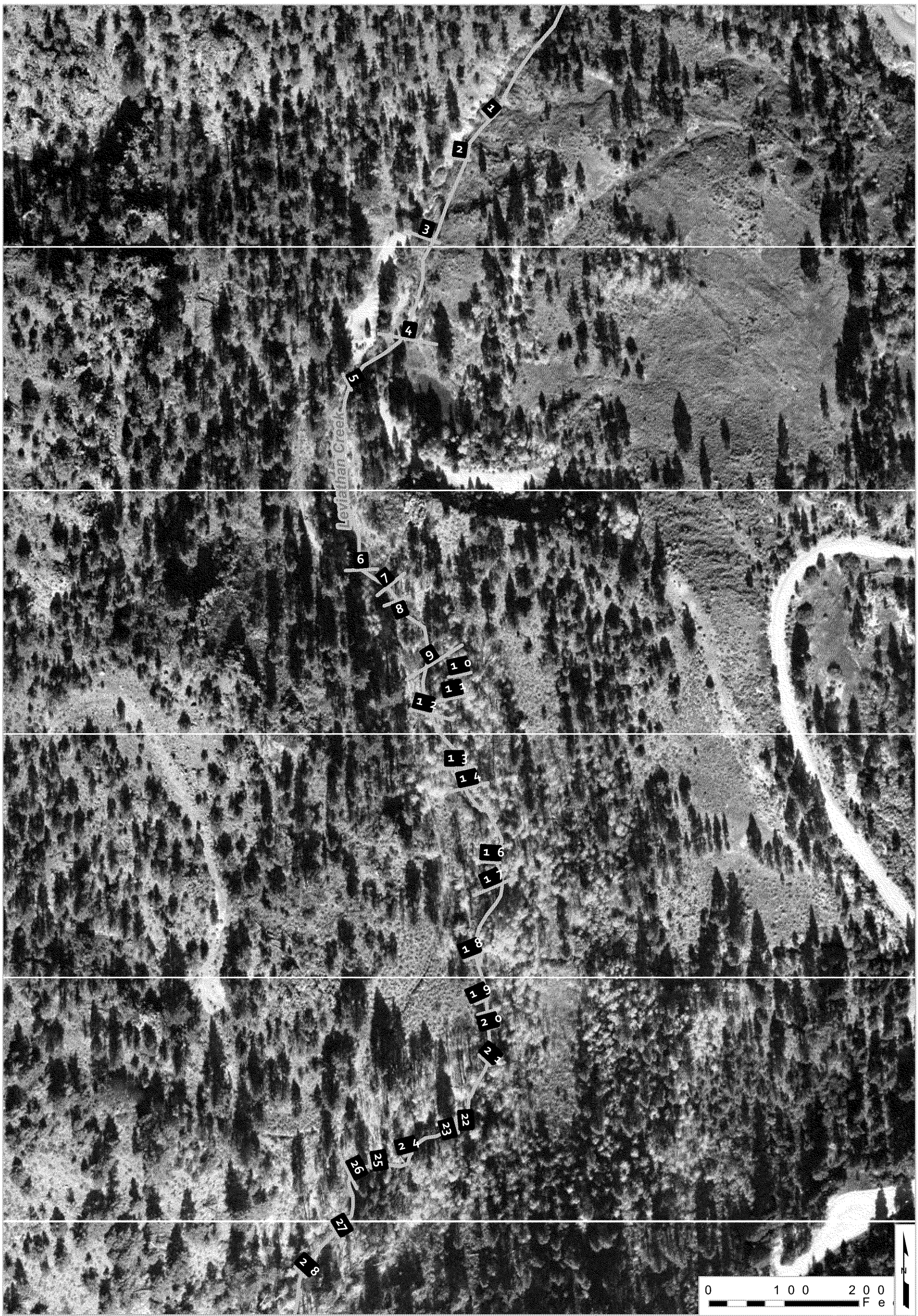


Explanation

Beaver Dam Location

Leviathan Creek

Notes:

Background aerial photograph dated October 2009 (Atlantic Richfield, 2009).

Beaver Dam Location Map
Leviathan Mine
Alpine County, California

amec foster wheeler

Date: 03/20/2017
By: CAP

Project No. 300.91

Figure 1-2

P:\Project\13000s\13091 Leviathan\14000 Database_CAD\CAD\DrawingFiles\Amendment10\BeaverDam_sampletransects.mxd

Explanation

- Beaver Dam Locations
- Foot Trail
- Unimproved Road
- Temporary Access Road
- Property Line
- Leviathan Creek Basin Landslide
- Creek Channel

N

0 100 200 Feet

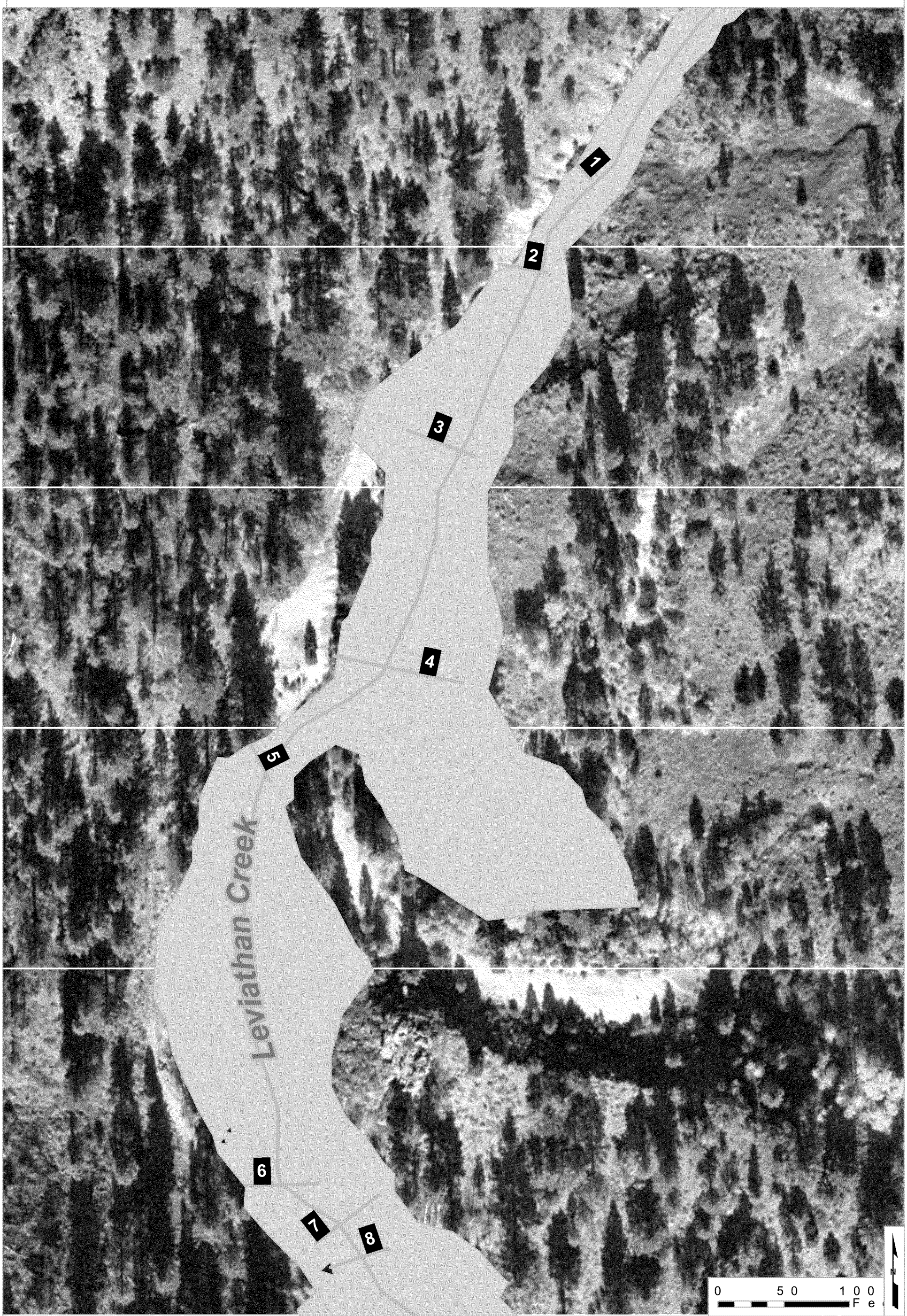
ACCESS ROUTES TO
BEAVER DAM/POND COMPLEX
Leviathan Mine Site
Alpine County, California

By: DPV
Date: 03/20/2017

Project No. 0013091

amec foster wheeler

Figure 3-1



Explanation:

- Beaver Dam Location
- Leviathan Creek
- 50 Year Floodplain

Notes:
1. Background aerial photograph dated October 22, 200
(Atlantic Richfield, 2009).

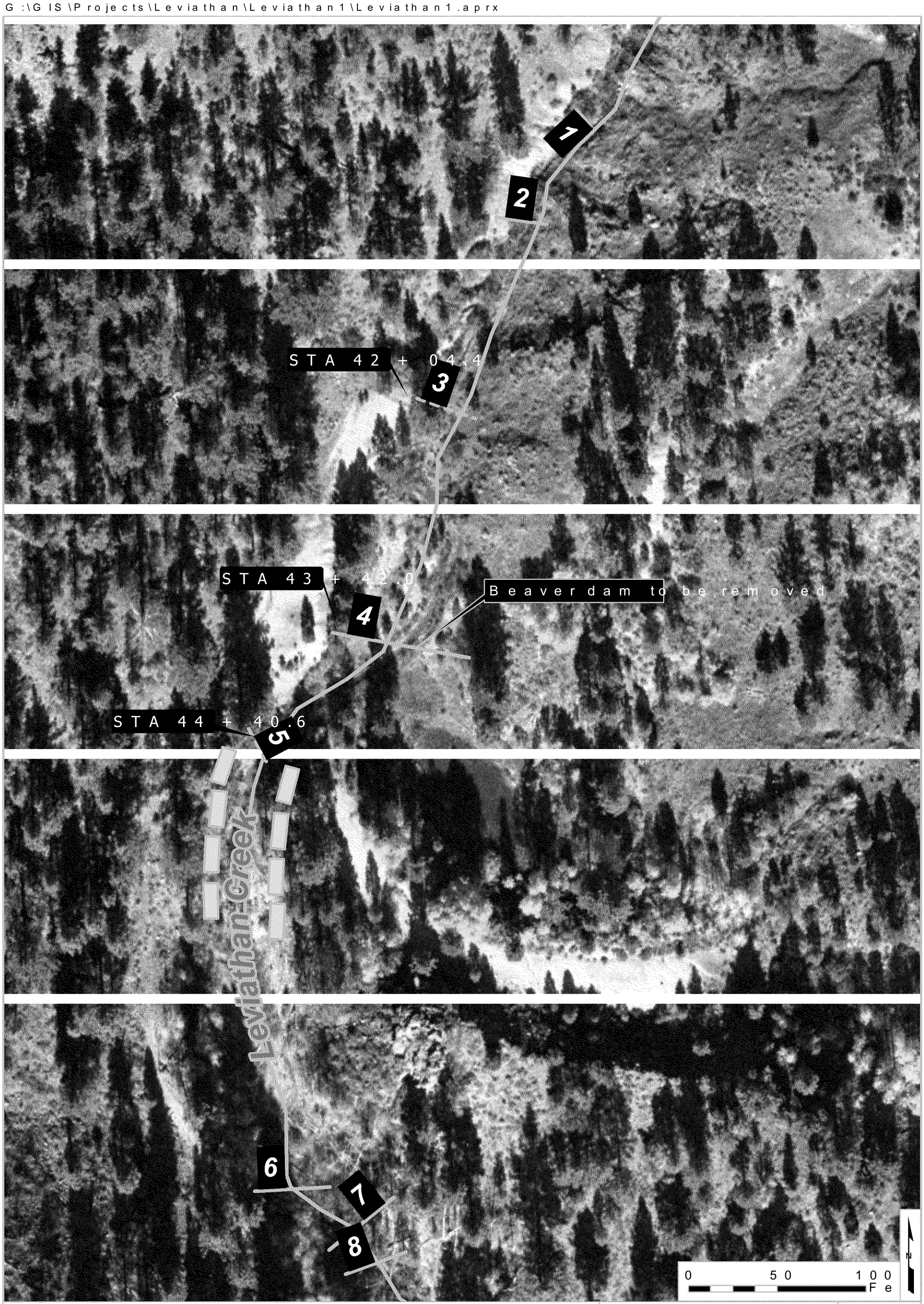
50 Year Floorplain /PC
Leviathan Mine
Alpine County, C ia

amec foster wheeler

Date: 03/20/2017
By: CAP
Project 0100N300.91

Figure 6-4

G:\GIS\Projects\Leviathan\Leviathan1\Leviathan1.aprx



Explanation
- Proposed Access Road
- Beaver Dam Location
- Gabion
- Approximate Location of Test Plots
- Leviathan Creek

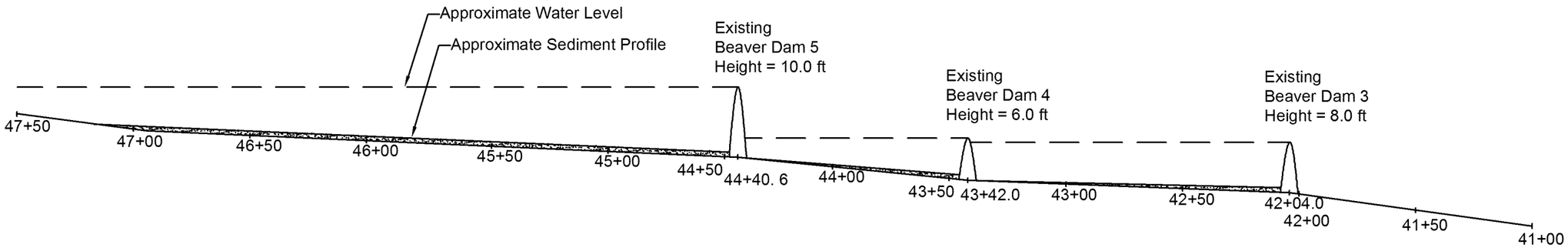
Notes:
1. Background aerial photograph dated October 22, 2009 (Atlantic Richfield, 2009).

Test Plot Map
Leviathan Mine
Alpine County, California

amec foster wheeler

Date: 03/20/2017
By: CAP
Project No. 30091

Figure 6-5



Location	Station (ft.)	Invert Elevation (ft. NAVD88)	Estimated Existing Dam Elevation (ft. NAVD88)	Estimated Existing Dam Height (ft.)
Beaver Dam 3	4204.0	6655.0	6663.0	8.0
Beaver Dam 4	4342.0	6656.8	6662.8	6.0
Beaver Dam 5	4440.6	6660.1	6670.1	10.0

Estimated Existing
Beaver Dam Conditions
Leviathan Mine Site
Alpine County, California

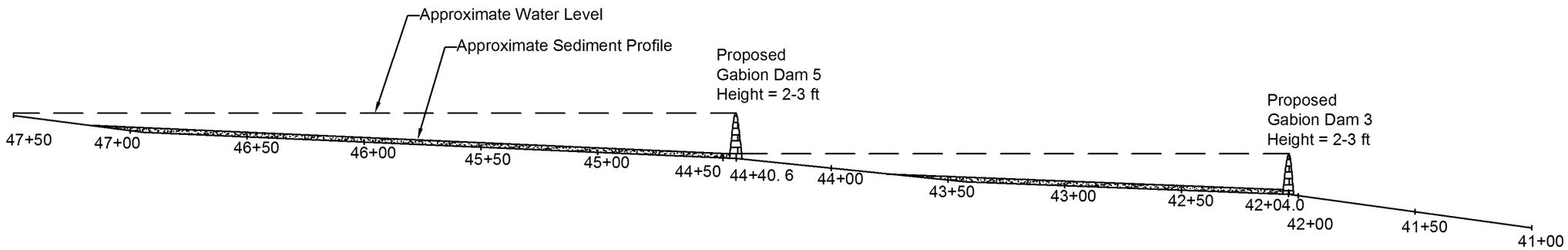
By: EMH
Date: MARCH 2017

Project No. 001309150

amec foster wheeler

Figure 6-6

Plot Date: 03/20/17 - 12:57pm, Plotted by: ellen.henrichs
Drawing Path: P:\Project\13091 Leviathan\CAD\For Sara\, Drawing Name: Existing Beaver Dam Conditions_032017.dwg



Location	Station (ft.)	Invert Elevation (ft. NAVD88)	Estimated Proposed Dam Elevation (ft. NAVD88)	Estimated Proposed Dam Height (ft.)
Gabion Dam 3	4204.0	6655.0	6657-6658	2-3
Gabion Dam 5	4440.6	6660.1	6662-6663	2-3

Estimated Proposed
Gabion Dam Conditions
Leviathan Mine Site
Alpine County, California

By: EMH
Date: MARCH 2017

Project No. 001309150

amec foster wheeler

Figure 6-7

Plot Date: 03/20/17 - 12:56pm, Plotted by: ellen.henrichs
Drawing Path: P:\Project\13091 Leviathan\CAD\For Sara\, Drawing Name: Proposed Beaver Dam Conditions_032017.dwg