

# Moffat Collection System Project

Public Stakeholder Meeting  
Gross Reservoir  
FERC Project No. 2035



July 29 and 30, 2008

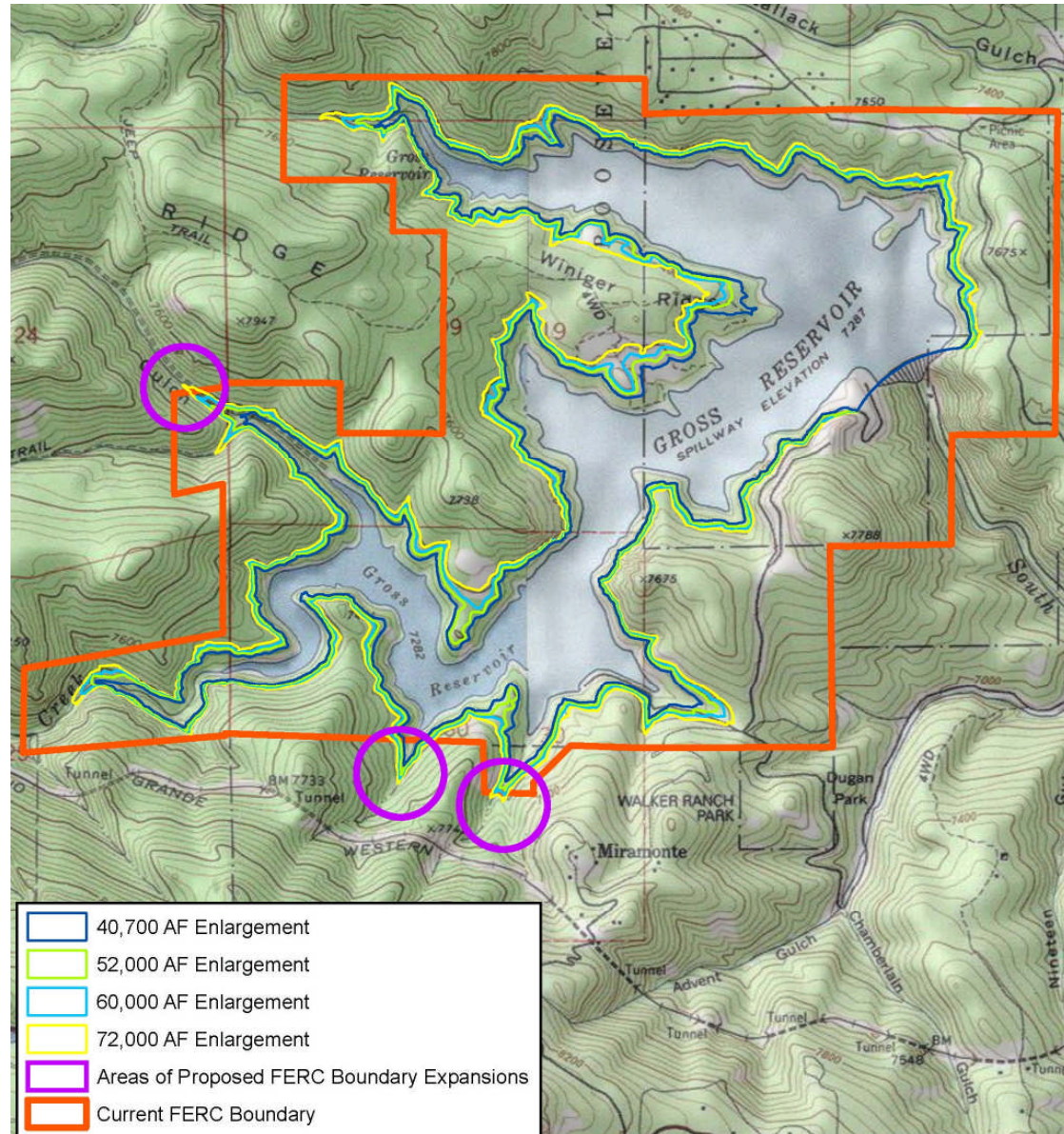
# Reservoir Size

	Existing	Smallest	Largest
Gross Reservoir			
Additional Storage (AF)	---	41,000	72,000
Total Storage (AF)	42,000	83,000	114,000
Normal Water Elevation (ft)	7,282	7,357	7,400
Surface Area (acres)	400	650	800
Gross Dam			
Dam Raise (ft)	---	85	125
Dam Height (ft)	340	425	465
Crest Length (ft)	1,050	1,650	1,800

All numbers are approximate



# Project Boundary Changes



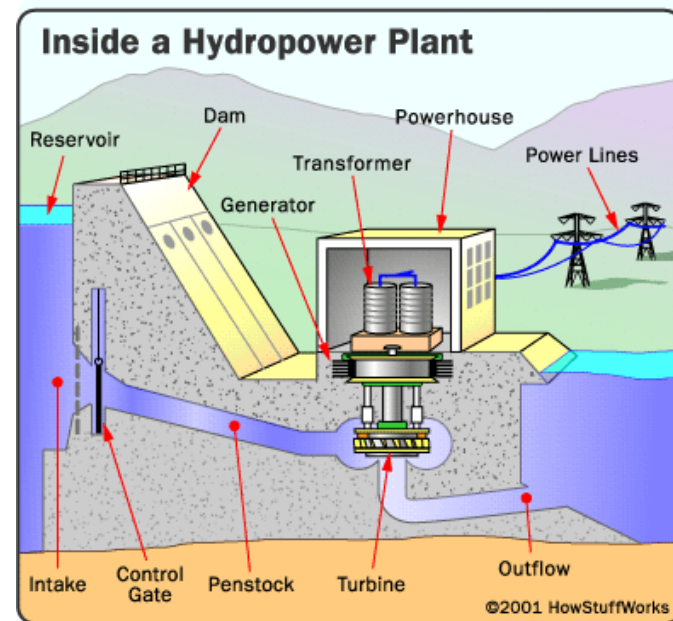
# Hydropower

Existing Capacity 7.6 MW

Proposed Capacity 8.1 MW

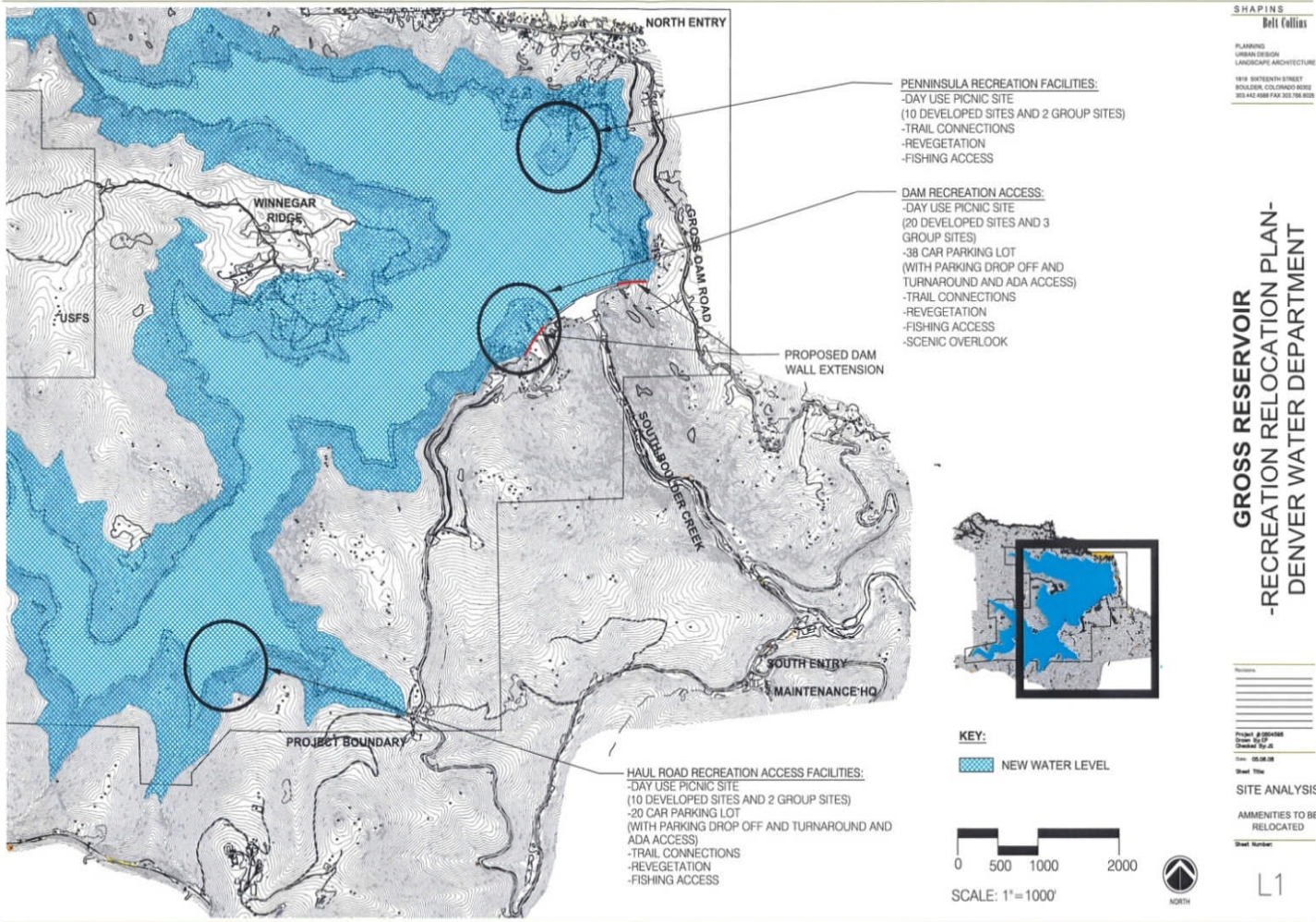
Pressure Reduction  
Valve (PRV)

Turbines

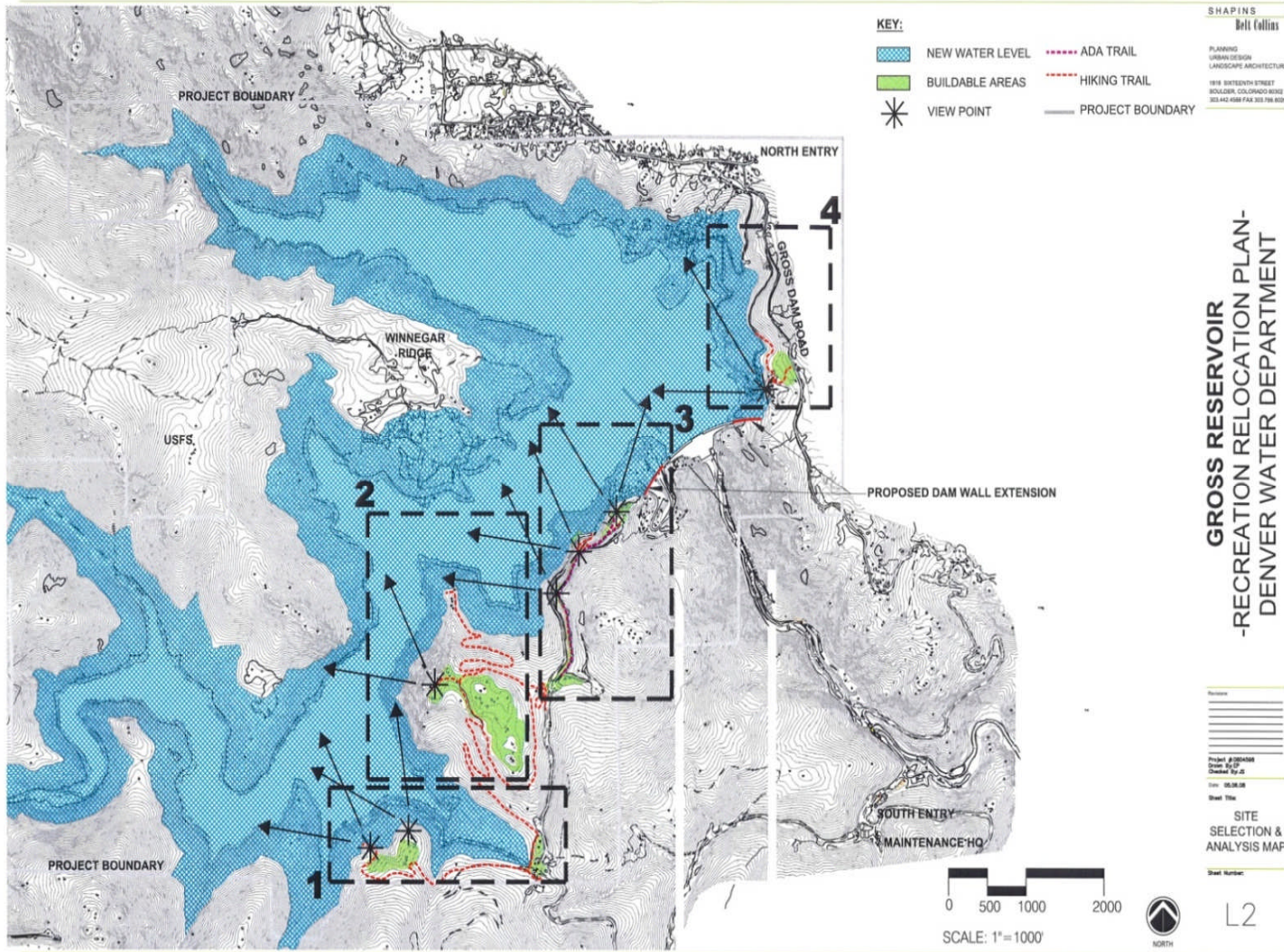




# Recreation







- KEY:**
- NEW WATER LEVEL
  - BUILDABLE AREAS
  - VIEW POINT
  - ADA TRAIL
  - HIKING TRAIL
  - PROJECT BOUNDARY

SHAPINS  
 Jeff Collins  
 PLANNING  
 URBAN DESIGN  
 LANDSCAPE ARCHITECTURE  
 1910 SIXTEENTH STREET  
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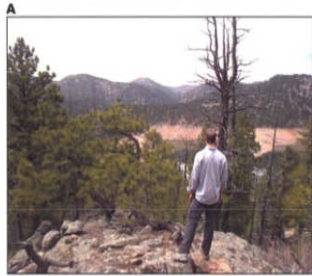
**GROSS RESERVOIR  
 -RECREATION RELOCATION PLAN-  
 DENVER WATER DEPARTMENT**

Project # 090408  
 Date 07/27  
 Created By JZ  
 Date 08/08/08  
 Sheet Title  
 SITE  
 SELECTION &  
 ANALYSIS MAP  
 Sheet Number

0 500 1000 2000  
 SCALE: 1" = 1000'

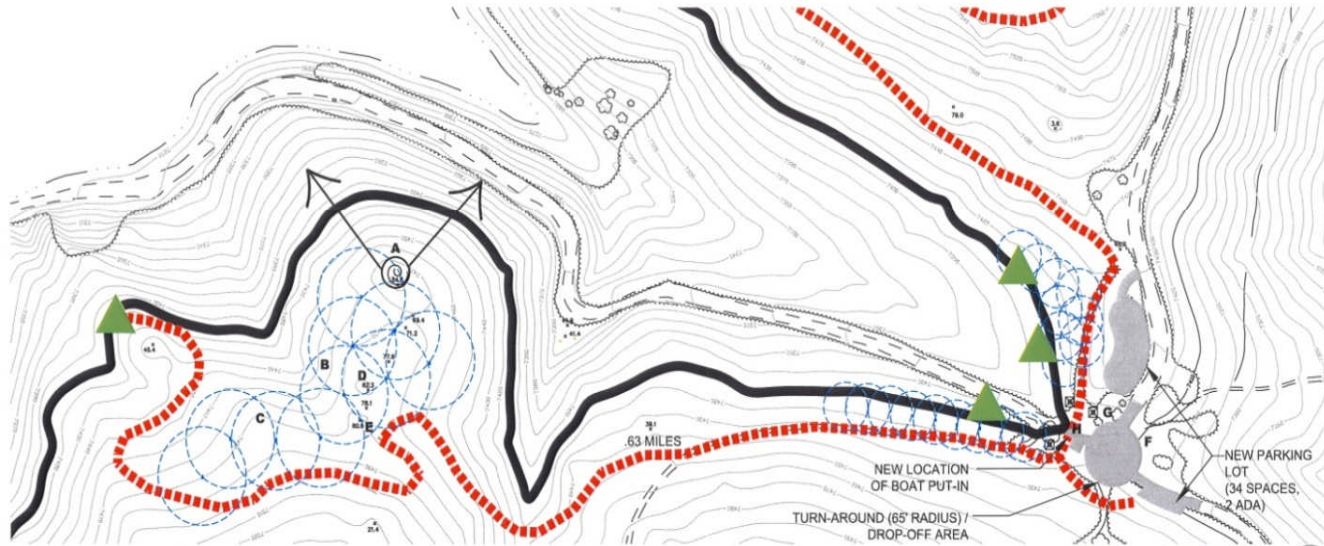


L2

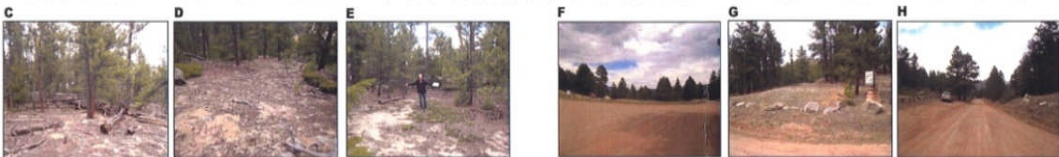


- KEY:**
- NEW WATER LEVEL
  - PROPOSED SINGLE PICNIC TABLE WITH 100' BUFFER(10)
  - PROPOSED SINGLE PICNIC TABLE WITH 50' BUFFER(18)
  - EXISTING VEGETATION
  - EXISTING ROAD
  - PROPOSED SCENIC OVERLOOK (1)
  - PROPOSED (RELOCATED) SMALL PICNIC SHELTER (3)
  - PROPOSED FISHING ACCESS (4)
  - PROPOSED PARKING AREA (34 SPACES)
  - PROPOSED HIKING TRAIL

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GROSS RESERVOIR  
-RECREATION RELOCATION PLAN-  
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63 MILES  
NEW LOCATION OF BOAT PUT-IN  
TURN-AROUND (65' RADIUS) / DROP-OFF AREA  
NEW PARKING LOT (34 SPACES, 2 ADA)  
SCALE: 1"=200'  
**AREA 1**

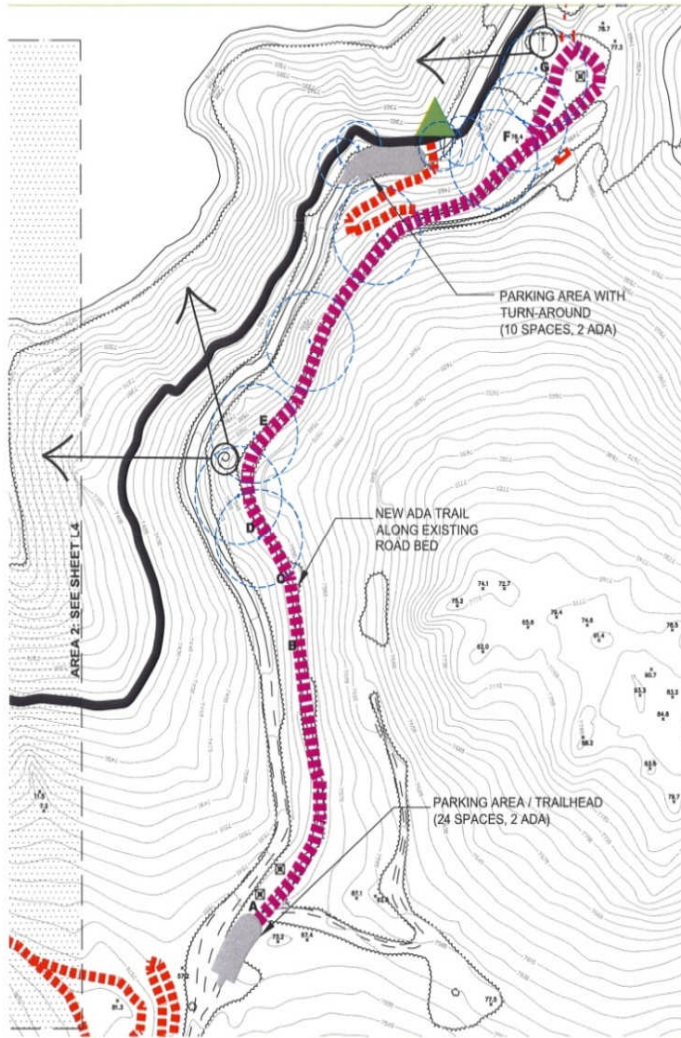
Revisions  
Project # 20040006  
Drawn: BJC  
Checked: BJC  
Date: 05.08.08  
Sheet Title  
-AREA 1-  
CONCEPT PLAN  
Sheet Number

L3

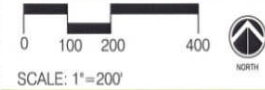
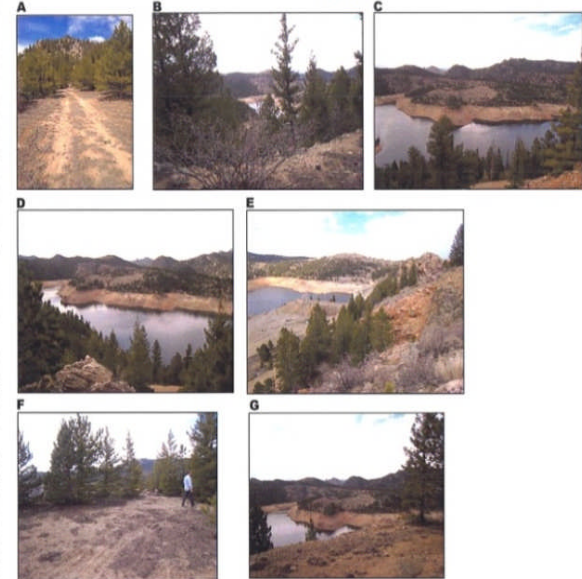








- KEY:**
- NEW WATER LEVEL
  - PROPOSED SINGLE PICNIC TABLE WITH 100' BUFFER (8)
  - PROPOSED SINGLE PICNIC TABLE WITH 50' BUFFER (4)
  - EXISTING VEGETATION
  - PROPOSED PARKING AREA (34 SPACES)
  - PROPOSED SCENIC OVERLOOK (1)
  - PROPOSED INTERPRETIVE OVERLOOK (1)
  - PROPOSED (RELOCATED) SMALL PICNIC SHELTER (3)
  - PROPOSED FISHING ACCESS (1)
  - PROPOSED HIKING TRAIL
  - PROPOSED MULTI-PURPOSE TRAIL (ADA)
  - EXISTING ROAD
  - HISTORIC STRUCTURES

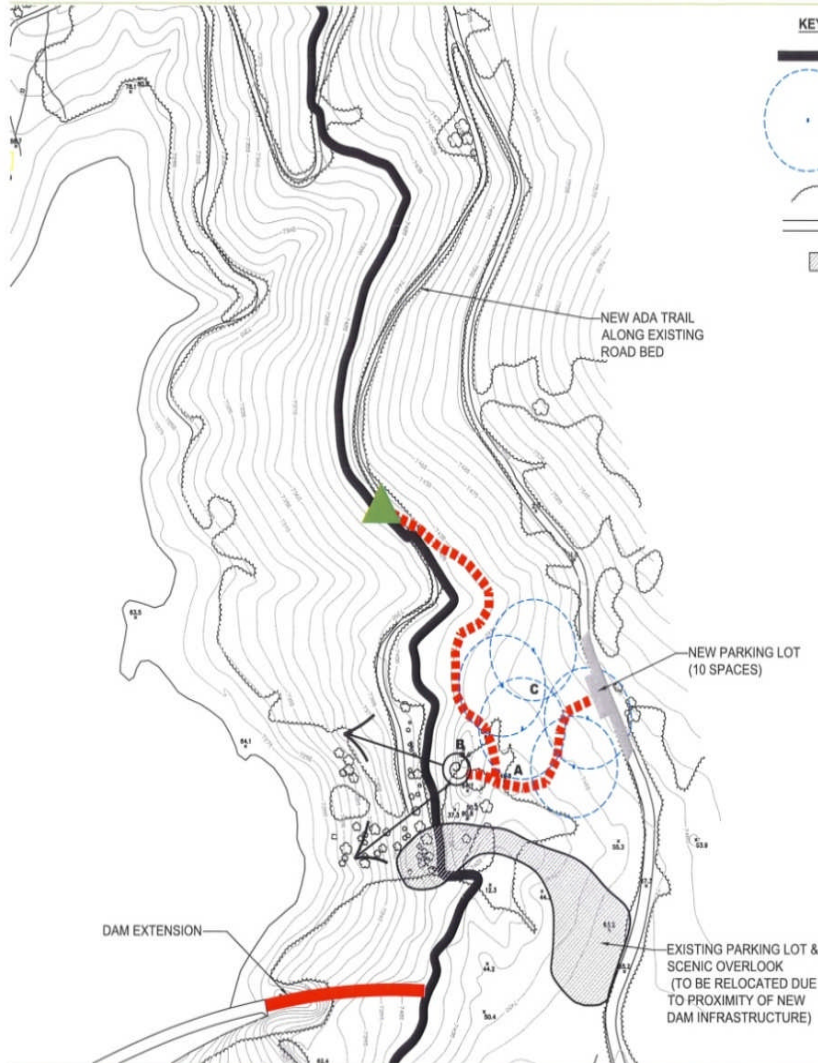


# AREA 3 L5

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GROSS RESERVOIR  
-RECREATION RELOCATION PLAN-  
DENVER WATER DEPARTMENT

Revisions  
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Project # 2004388  
Drawn by JLP  
Checked by ds  
Date: 05.06.08  
Sheet Title  
-AREA 3-  
CONCEPT  
PLAN  
Sheet Number



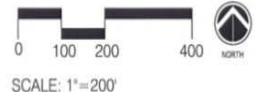
- KEY:**
- NEW WATER LEVEL
  - SINGLE PICNIC TABLE WITH 100' BUFFER (5)
  - EXISTING VEGETATION
  - EXISTING ROAD
  - LOCATION OF EXISTING INFRASTRUCTURE TO BE RELOCATED
  - SCENIC OVERLOOK (1)
  - PROPOSED FISHING ACCESS (1)
  - HIKING TRAIL
  - PROPOSED PARKING AREA (10 SPACES)

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**GROSS RESERVOIR  
 -RECREATION RELOCATION PLAN-  
 DENVER WATER DEPARTMENT**

Project # 2000188  
 Date: 04/07  
 Checked by: d  
 Date: 05/08/08  
 Sheet Title  
 -AREA 4-  
 CONCEPT  
 PLAN  
 Sheet Number



**AREA 4** L6



# Tree Removal Options

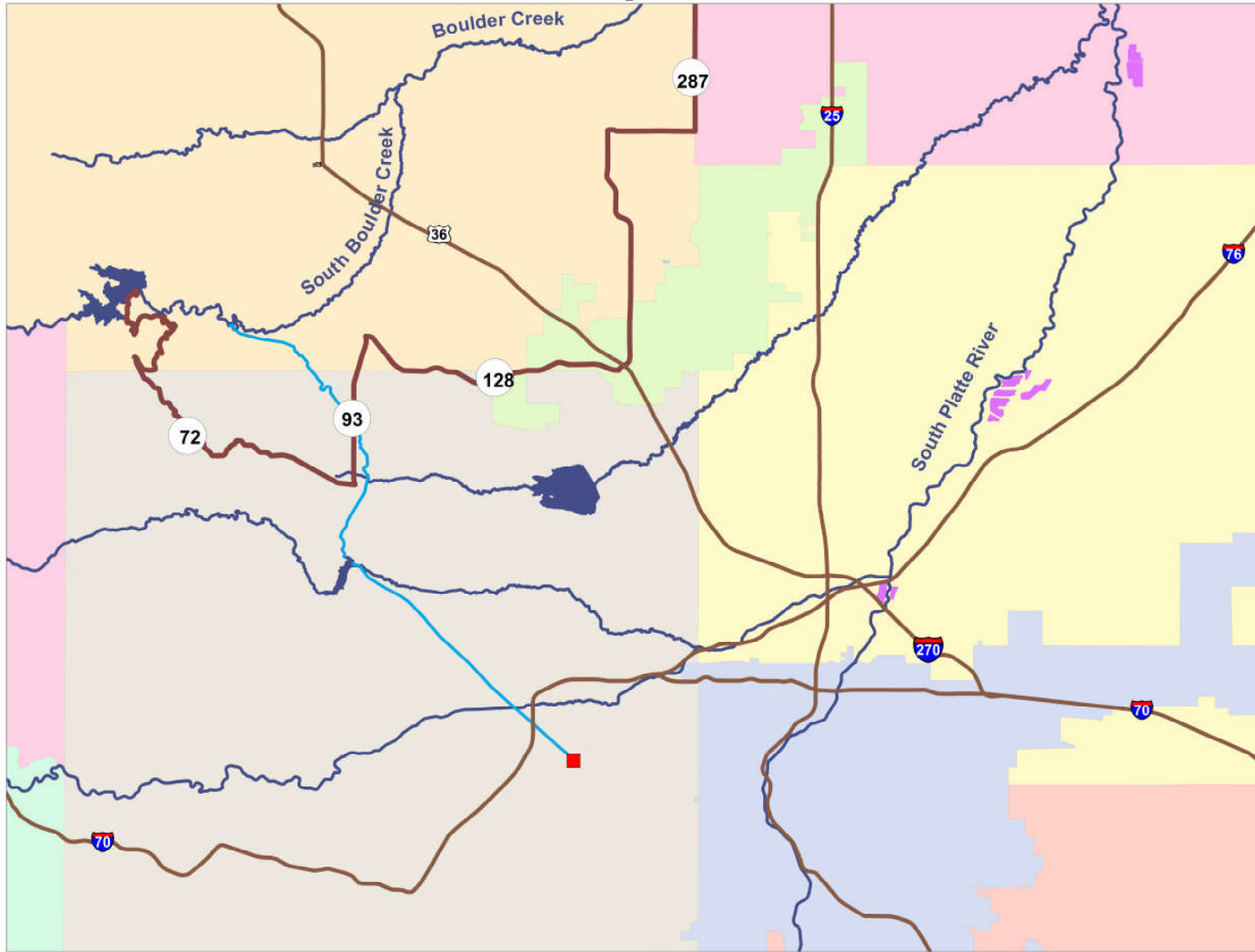
- ❖ Cable
- ❖ Marketable Product
- ❖ Feller/Buncher
- ❖ Air Curtain Destructor
- ❖ Grapple Skidder
- ❖ Grinding and Landfill
- ❖ Hydro-ax
- ❖ Landfill
- ❖ Helicopter

# Water Quality


- Dissolved Oxygen
- Water Temperature



# Possible Transportation Route



10/11/2008 10:00:00 AM C:\Users\jw\Documents\Map\Map.mxd



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[www.denverwater.org](http://www.denverwater.org)

Public Comments