

BERTHOUD RESERVOIR

Board of Trustees Meeting | June 12, 2018





BERTHOUD RESERVOIR SITE INVENTORY

PROGRAM CONCEPT A
MINIMAL IMPACT



PROGRAM CONCEPT B
IMPROVED VEGETATION



PROGRAM CONCEPT C
COMMUNITY DESTINATION



133 Survey Responses

1. Soft Surface Trail Loop
2. Water Access
3. Passive Amenities and Restroom
4. Improved Vegetation



PREFERRED CONCEPT

The Preferred Concept includes passive recreational amenities and improves the vegetation by restoring the native seed areas and through additional shrub and tree planting.

The existing 1.25 mile gravel maintenance path and boat ramp will remain. The main vehicular entrance will be located off CR17 with direct access to a 30-stall parking lot. The south entrance off CR10E will be converted to a pedestrian and bicycle only entry that connects to the regional trail system.

New amenities at the reservoir include a new restroom building, covered picnic area, water access at a boardwalk/fishing dock and a nature play area. Only light, non-motorized watercraft may be used on the reservoir such as canoes, kayaks, and stand-up paddleboards. A temporary loading zone allows visitors to unload and access the water's edge via the boardwalk.

LEGEND

1. Existing Trees to Remain
2. Existing driveway to become shared entrance for bikes, pedestrians & maintenance vehicles
3. Existing Boat Ramp to Remain
4. Existing security fence around the Water Department portion of the reservoir to remain
5. Future Security Fence Around the Water Department Portion of the Reservoir
6. Main Entrance - vehicle, bike and pedestrian access
7. 30-Stall Gravel Parking Lot (additional 10 spaces)
8. Parking Lot Expansion Area
9. Temporary Parking / Canoe, Kayak, Stand-up Paddleboard Loading Zone
10. Entry Sign
11. Information Kiosk
12. Pedestrian / Bike Access
13. Gravel Maintenance Path - 1.25 Miles
14. 3' Wide Soft-Surface Trail
15. 3' Tall (2 Rail) Split Rail Fence
16. Native Seed Area
17. Tree Planting
18. Landscape Buffer - Tree & Shrub Planting
19. Seating Area
20. Covered Picnic Area - Three Tables
21. Nature Play
22. Restroom Building
23. Water Access / Boardwalk & Fishing Pier

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10. Entry Sign

11. Information Kiosk

12. Pedestrian / Bike Access

13. Gravel Maintenance Path - 1.25 Miles

14. 3' Wide Soft-Surface Trail

15. 3' Tall (2 Rail) Split Rail Fence

16. Native Seed Area

17. Tree Planting

18. Landscape Buffer - Tree & Shrub Planting

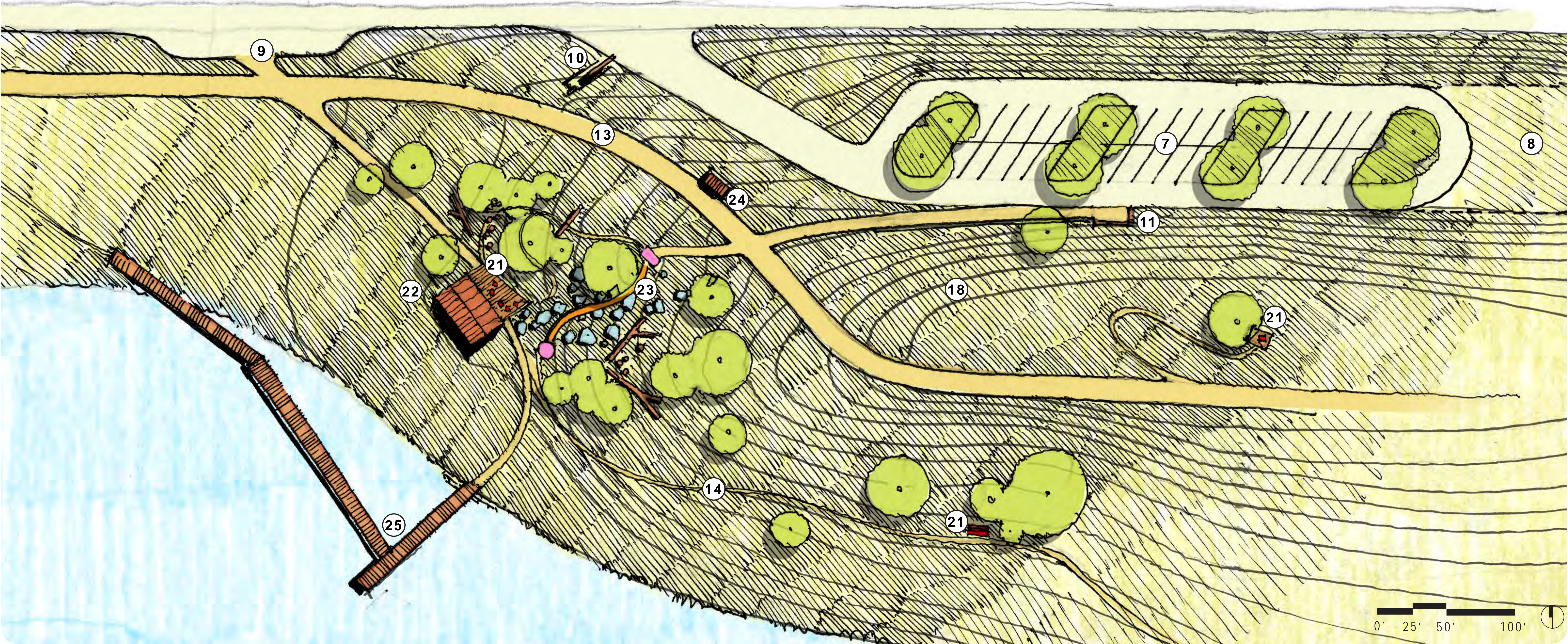
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20. Covered Picnic Area - Three Tables

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KEY MAP



BERTHOUD RESERVOIR
NATURE PLAY + HILL SLIDE



BERTHOUD RESERVOIR
ARCHITECTURE: SHELTERS + RESTROOM



KEY MAP



Split-Rail Fence

BERTHOUD RESERVOIR
ENTRANCE CHARACTER



BERTHOUD RESERVOIR
SEATING / GATHERING



KEY MAP



BERTHOUD RESERVOIR
PUBLIC WATER ACCESS

COST ESTIMATE - FULL PROJECT

- 1. Utilities and Restroom**
- 2. Gravel Parking Lot**
- 3. Refurbished Maintenance Path**
- 4. Site Features**
- 5. Play Features**
- 6. Landscaping and Irrigation**
- 7. Native Seeding** Entire Site

Total Cost \$2 Million

COST ESTIMATE - PHASE 1

- 1. Gravel Parking Lot**
 - 2. Refurbished Maintenance Path**
 - 3. Site Features** Benches, Feature Wall, and Entry Signs
 - 4. Trees at Entry** Non-irrigated/Assume Hand Watering
 - 5. Native Seeding** Disturbed Areas Only
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Total Cost \$550,000

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COST ESTIMATE - PHASE 1 RECOMMENDATION

1. Gravel Parking Lot
 2. Refurbished Maintenance Path
 3. Site Features Benches, Feature Wall, and Entry Signs
 4. Landscaping and Irrigation Parking Lot Area Only
 5. Native Seeding Entire Site
 6. Restroom
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Total Cost \$1.2 - 1.3 Million