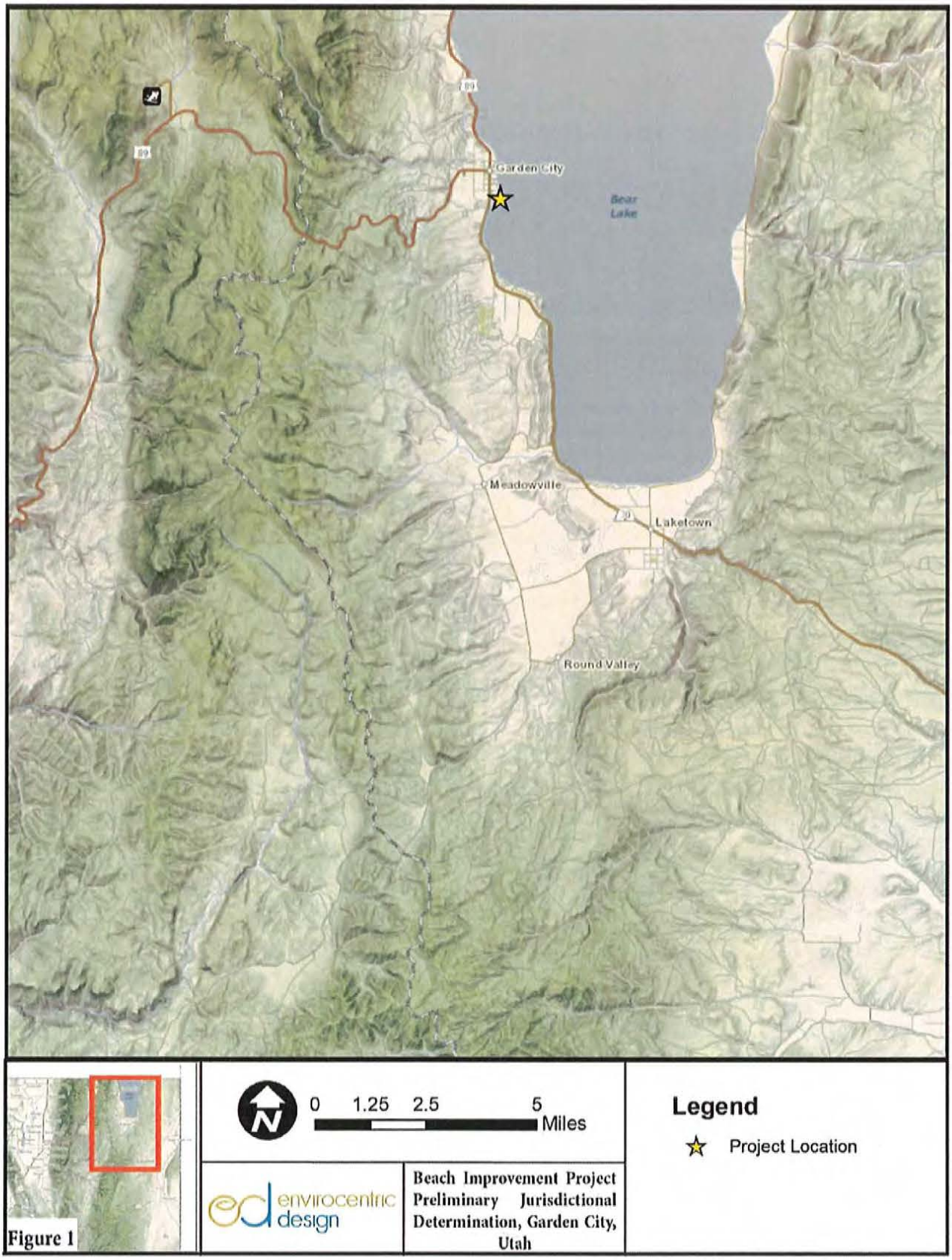
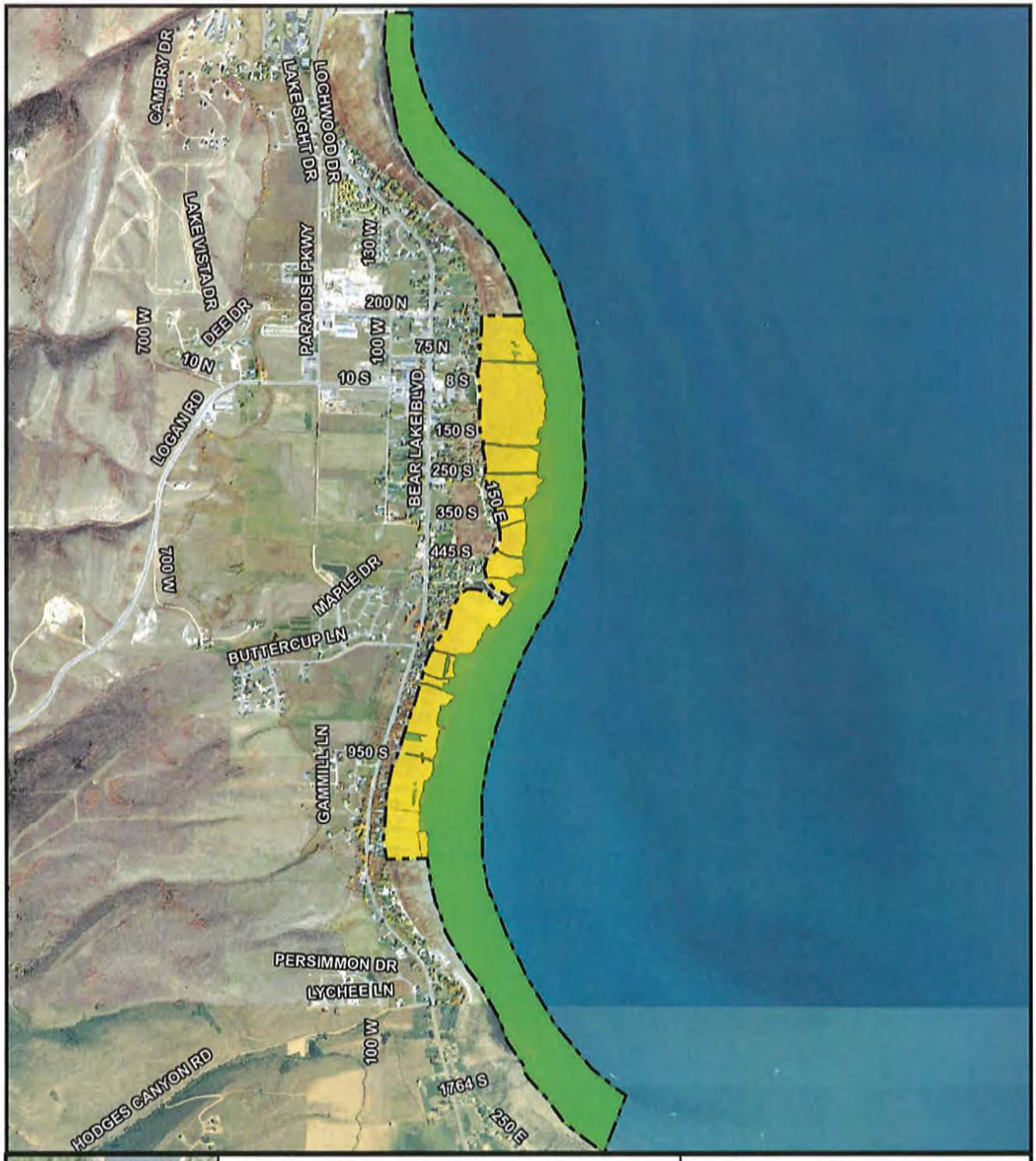
Application Block 18: Nature of Activity
Garden City Beach Improvement
Town of Garden City
December 2014



Application Block 18: Nature of Activity
Garden City Beach Improvement
Town of Garden City
December 2014

Figure 3

Application Block 22: Area of Disturbance
Garden City Beach Improvement
Town of Garden City
December 2014



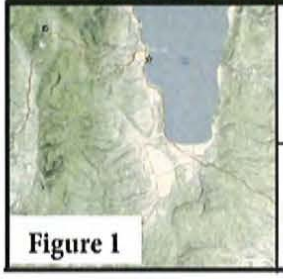


Figure 1

N

0 1,250 2,500 5,000 Feet

envirocentric design

Beach Improvement Project Preliminary Jurisdictional Determination, Garden City, Utah

Legend

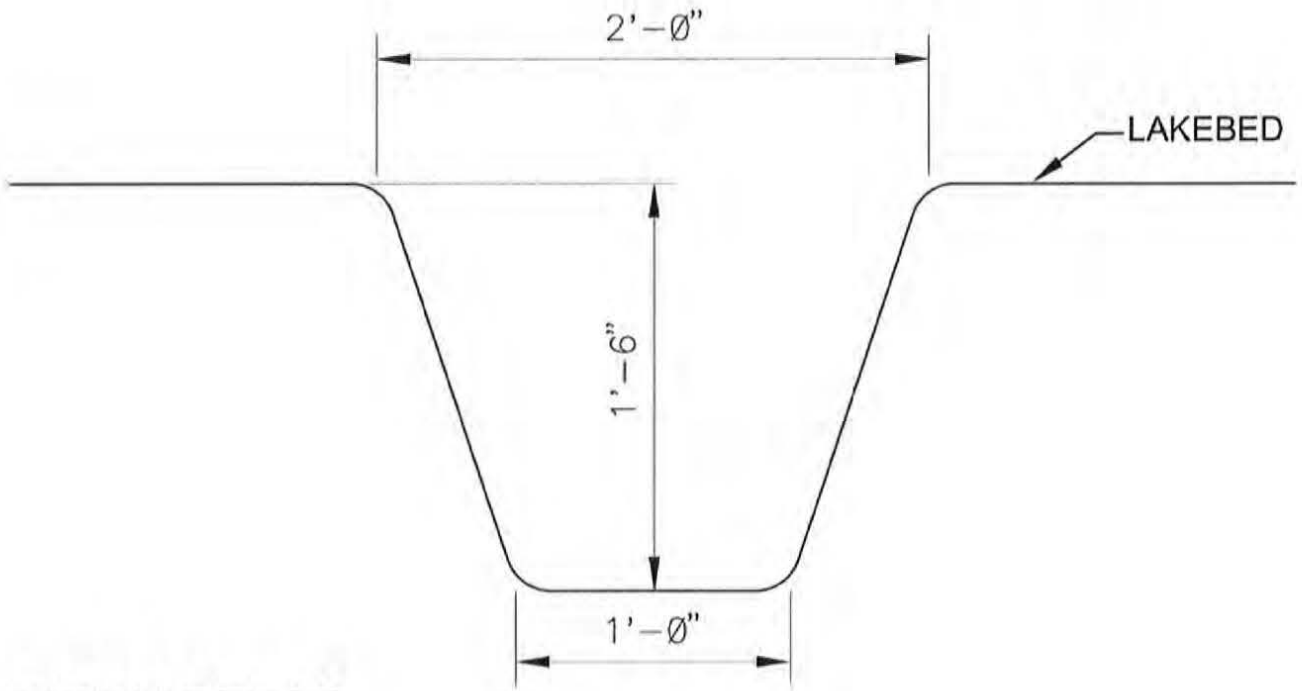
- Boundary - 515 ac
- Undisturbed (139.6 acres)
- Area of Disturbance (374 acres)

Date Prepared: 12/23/2014

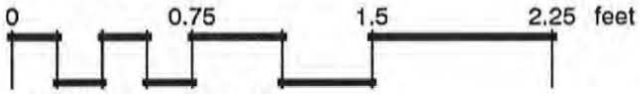
Image Source: Apollo Mapping, 10/23/2013

Application Block 22: Area of Disturbance
Garden City Beach Improvement
Town of Garden City
December 2014

Figure 2

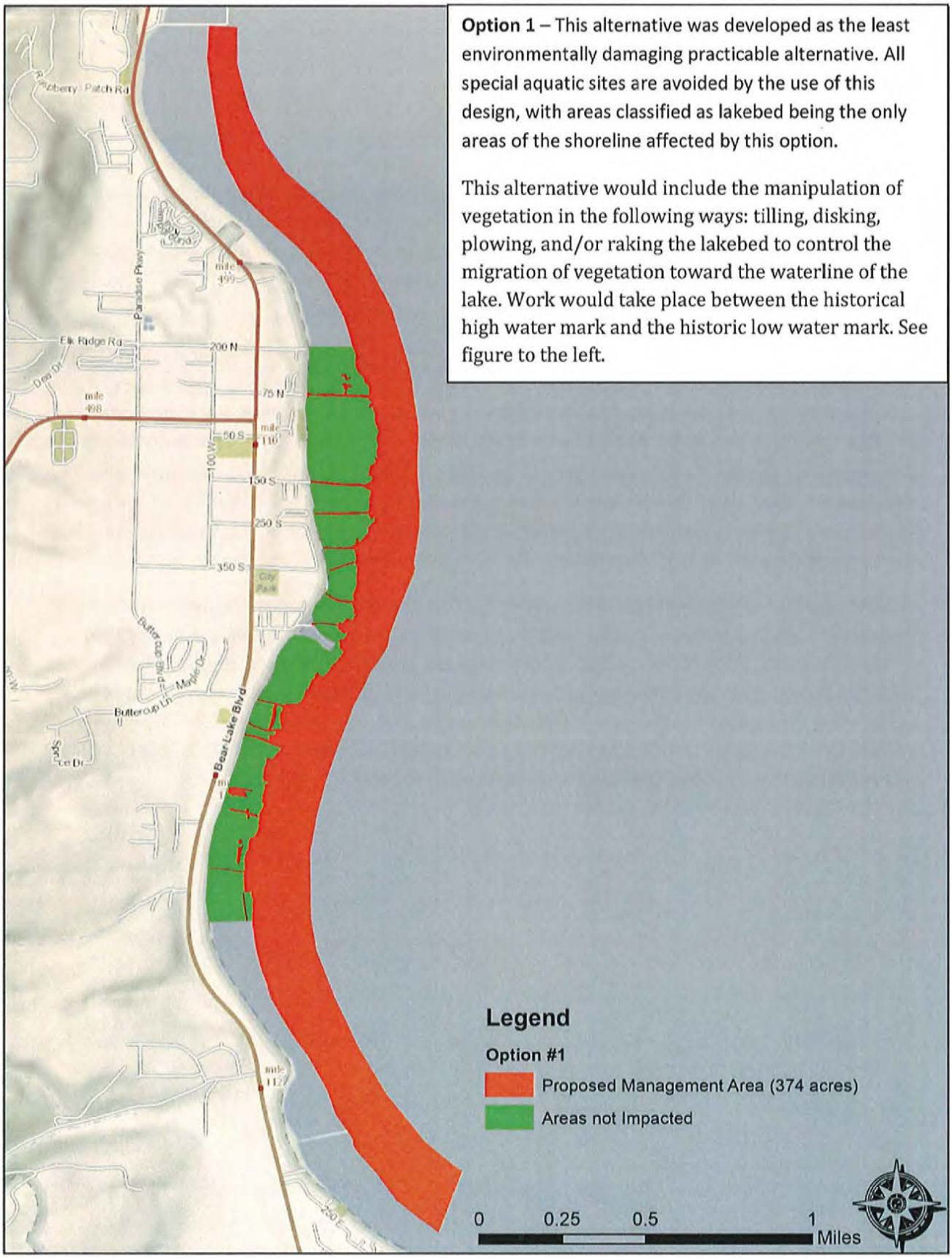


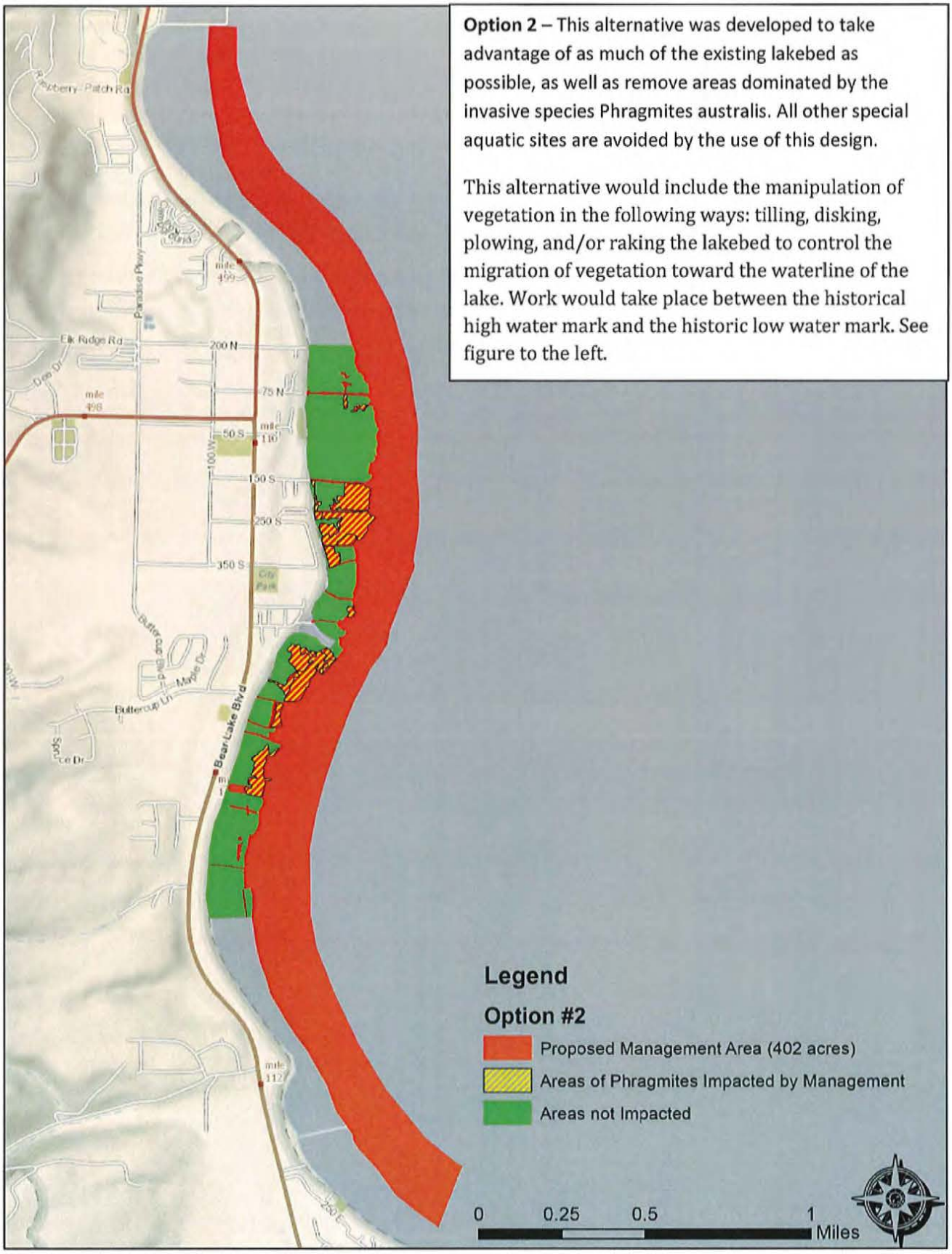
DITCH DETAIL

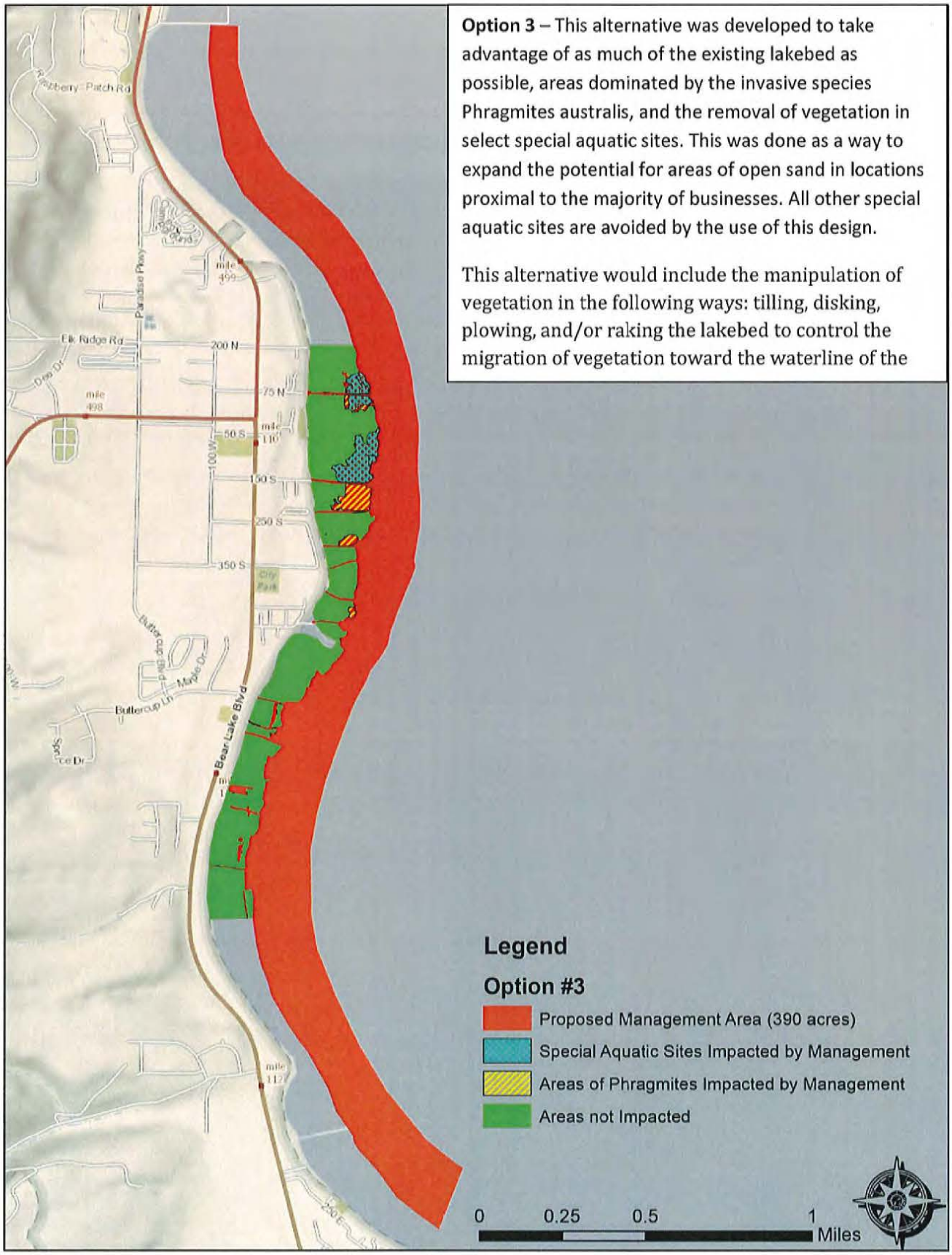


SCALE: 1'-1/2" = 1'-0"

Figure 3


Option 1 – This alternative was developed as the least environmentally damaging practicable alternative. All special aquatic sites are avoided by the use of this design, with areas classified as lakebed being the only areas of the shoreline affected by this option.
This alternative would include the manipulation of vegetation in the following ways: tilling, disking, plowing, and/or raking the lakebed to control the migration of vegetation toward the waterline of the lake. Work would take place between the historical high water mark and the historic low water mark. See figure to the left.
Paradise Pkwy
Elk Ridge Rd
200 N
75 N
50 S
150 S
250 S
350 S
100 W
Bear Lake Blvd
Buttercup Ln
Maple Dr
Legend
Option #1
Proposed Management Area (374 acres)
Areas not Impacted
0
0.25
0.5
1
Miles


Option 2 – This alternative was developed to take advantage of as much of the existing lakebed as possible, as well as remove areas dominated by the invasive species Phragmites australis. All other special aquatic sites are avoided by the use of this design.
This alternative would include the manipulation of vegetation in the following ways: tilling, disking, plowing, and/or raking the lakebed to control the migration of vegetation toward the waterline of the lake. Work would take place between the historical high water mark and the historic low water mark. See figure to the left.
Paradise Pkwy
Elk Ridge Rd
200 N
75 N
50 S
100 W
150 S
250 S
350 S
Bear Lake Blvd
Buttercup Ln
Maple Dr
Legend
Option #2
Proposed Management Area (402 acres)
Areas of Phragmites Impacted by Management
Areas not Impacted
0
0.25
0.5
1
Miles


Option 3 – This alternative was developed to take advantage of as much of the existing lakebed as possible, areas dominated by the invasive species Phragmites australis, and the removal of vegetation in select special aquatic sites. This was done as a way to expand the potential for areas of open sand in locations proximal to the majority of businesses. All other special aquatic sites are avoided by the use of this design.
This alternative would include the manipulation of vegetation in the following ways: tilling, disking, plowing, and/or raking the lakebed to control the migration of vegetation toward the waterline of the
Raspberry Patch Rd
Paradise Pkwy
Elk Ridge Rd
200 N
75 N
50 S
100 W
150 S
250 S
350 S
Butter Cup Blvd
Maple Dr
Butter Cup Ln
Bear Lake Blvd
mile 499
mile 498
mile 110
mile 112
City Park
Legend
Option #3
Proposed Management Area (390 acres)
Special Aquatic Sites Impacted by Management
Areas of Phragmites Impacted by Management
Areas not Impacted
0
0.25
0.5
1
Miles