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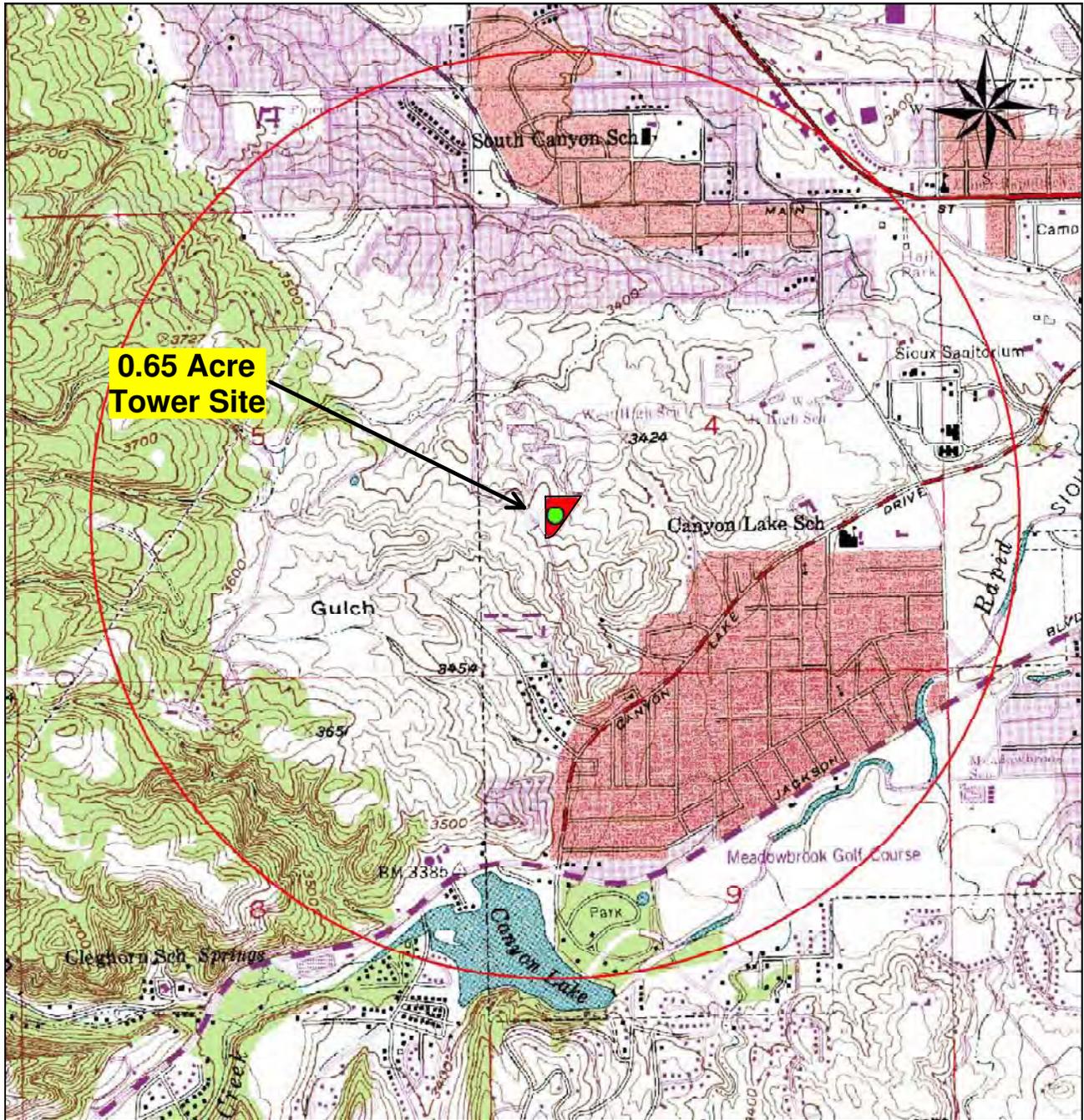
Figure 18: National Atlas Land Resources Map

Figure 19: Location of Proposed RC West Site;

Location of Proposed Future RC East Site

Location of Existing SDPB Skyline Tower

Outline of N - S Trending "Hogback" Topographic Feature



Rapid City West (SD) Topographic Quad

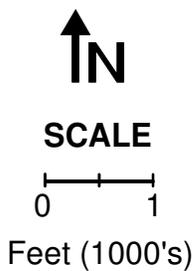


Figure 1. Rapid City West Self Supporting Tower Site Vicinity Map
NW/4, SW/4, Sec 4, T1N, R7E
Pennington County, SD

Land Recyclers Inc.



Rapid City West 2010 Aerial

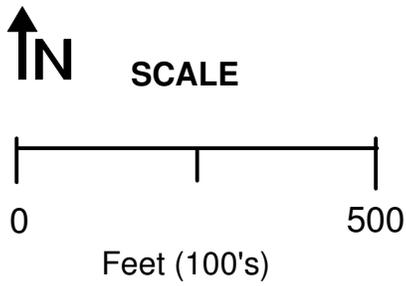
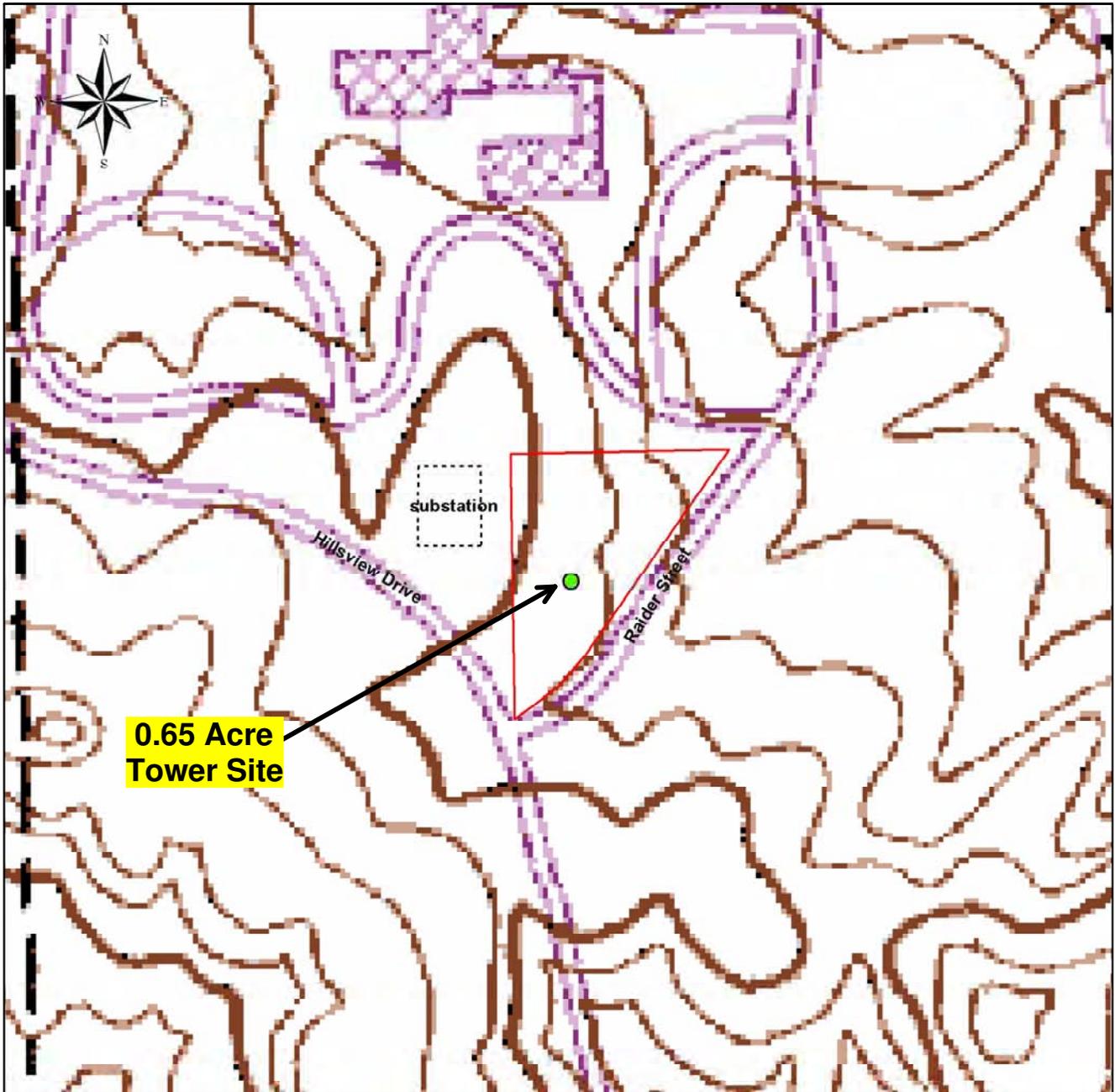


Figure 2. Rapid City West Self Supporting Tower Site
0.65 Acre Site Detail
2010 Aerial
NW/4, SW/4, Sec 4, T1N, R7E
Pennington County, SD

Land Recyclers Inc.



Rapid City West (SD) Topographic Quad

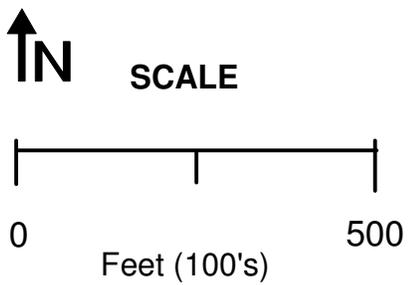
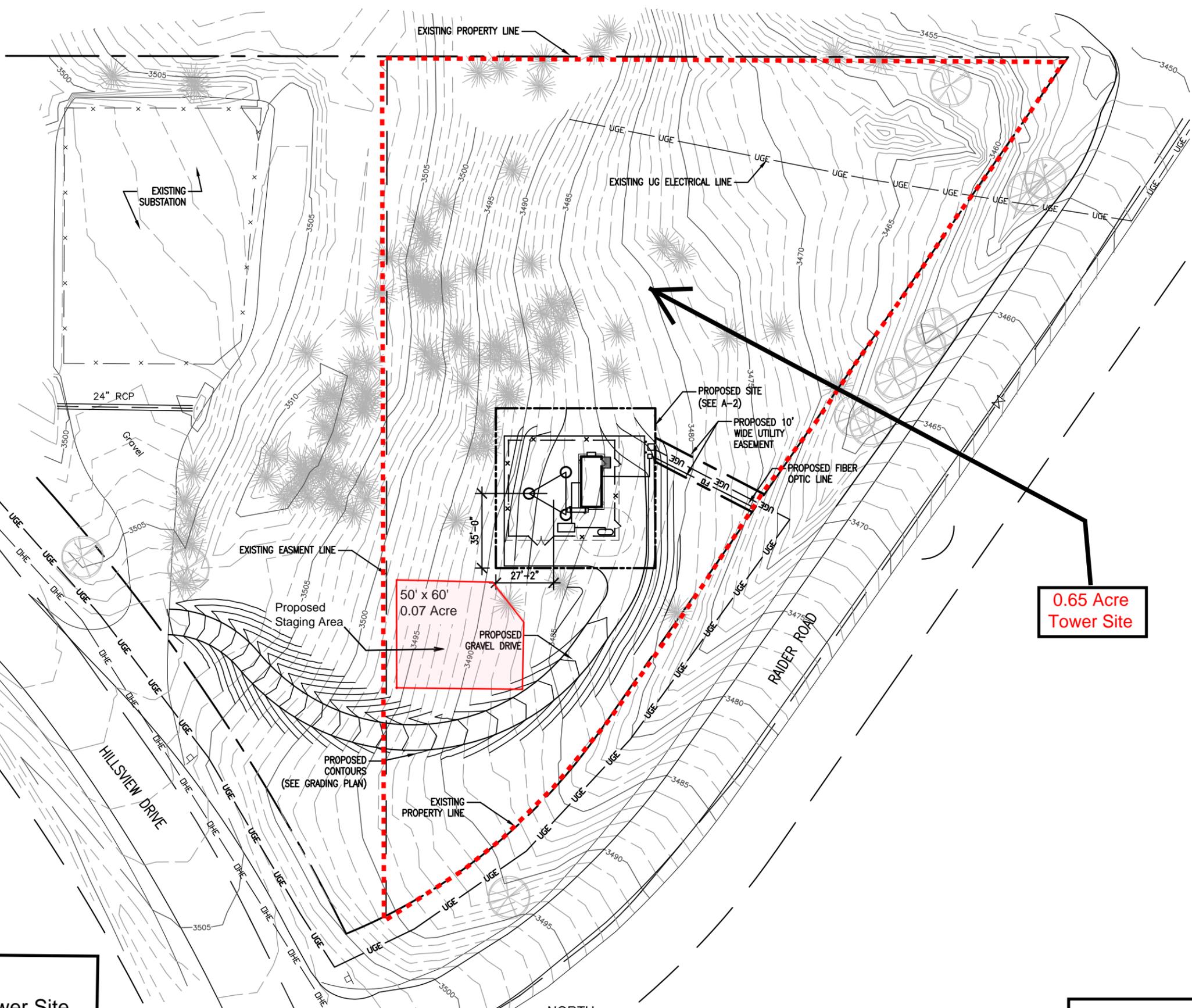


Figure 3. Rapid City West Self Supporting Tower Site
 0.65 Acre Topographic Site Detail
 NW/4, SW/4, Sec 4, T1N, R7E
 Pennington County, SD

Land Recyclers Inc.



NOT FOR CONSTRUCTION

DESIGN

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PENNINGTON
AREA ECSS
USERS
BOARD

PROJECT

**RAPID CITY
WEST**

XXXX RAIDER ROAD
RAPID CITY, SD 57702

SHEET CONTENTS:
SITE PLAN

DRAWN BY:	BMS
DATE:	10-11-11
CHECKED BY:	
REV. A	10-20-11
REV. B	11-08-11
REV. C	11-14-11

0.65 Acre
Tower Site

Outline 0.65 Acre Tower Site
Joint Powers Agreement

1 **SITE PLAN**
SCALE: 1" = 50'-0"

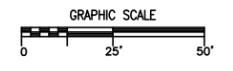
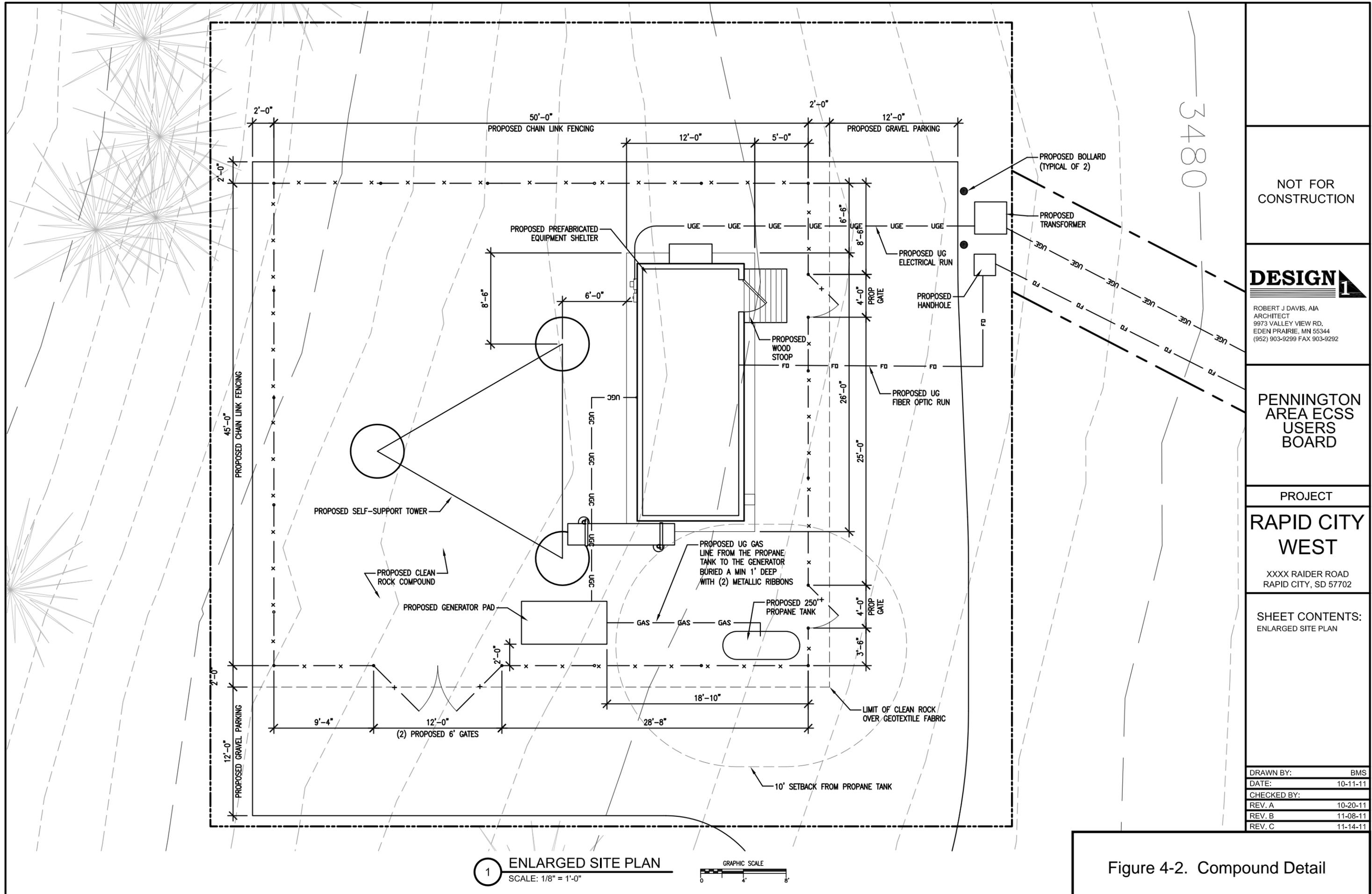


Figure 4-1. Site Plan



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WEST**

XXXX RAIDER ROAD
RAPID CITY, SD 57702

SHEET CONTENTS:
ENLARGED SITE PLAN

Figure 4-2. Compound Detail



Figure 5. Standing at tower location, looking north, across proposed tower site. The site is below a narrow ridge-top and on a steep slope on the east flank of a hill. The vegetation is adapted to sandy and well drained soil with low moisture content, and limited to immature Ponderosa pines in the terrace remnant on the ridge-top and thin grasses on the downslope. In the upper left part of the image, the top of a modern electrical sub-station is seen.



Figure 6. Standing at tower location, looking northeast. Seen are thin grasses on the downslope. At the toe of the hill is NE trending Raider St. Beyond Raider are scattered residential properties.



Figure 7. Standing at tower location, looking east. Raider St. is seen downslope at the toe of the hill.



Figure 8. Standing at tower location, looking southeast. The lamp-post seen at the right of center part of this photo marks the location where Raider Street to the east intersects Hillsview Drive to the west. The opposite sides of the two roads are undeveloped; they are National Guard training grounds.



Figure 9. Standing north of proposed tower site, looking south. As indicated in Figure 8, the lamp-post seen at the left of center part of this photo marks the location where Raider Street to the east intersects Hillsview Drive to the west. The opposite sides of the two roads are undeveloped; they are National Guard training grounds.



Figure 10. Standing northeast of tower site, looking southwest. Hillsview Drive is seen to the southwest. The opposite side of Hillsview is undeveloped; it is National Guard training grounds.



Figure 11. Standing east of tower site, looking west. Location of NW trending Hillsview Drive is indicated by light post and over head power line. Thin grass cover is noted on the upslope. The opposite side of Hillsview Drive is undeveloped National Guard training grounds. Scattered immature Ponderosa pines populate this part of the training grounds.



Figure 12. Standing southeast of tower site, looking upslope to the northwest. At far right center of the photo, the top of a support structure in the electrical substation is noted rising up from behind the ridge.



Figure 13. Standing along crest of flattened ridge, just NW of tower site. View of substation, in part carved out of slope of hill.



Figure 14. Standing atop ridge, looking at Black Hills rising to the south. To the south of asphalt crowned Raider Rd is SD National Guards grounds.



U.S. Fish and Wildlife Service National Wetlands Inventory

NWI Map - Rapid City West Tower Site

Oct 17, 2011



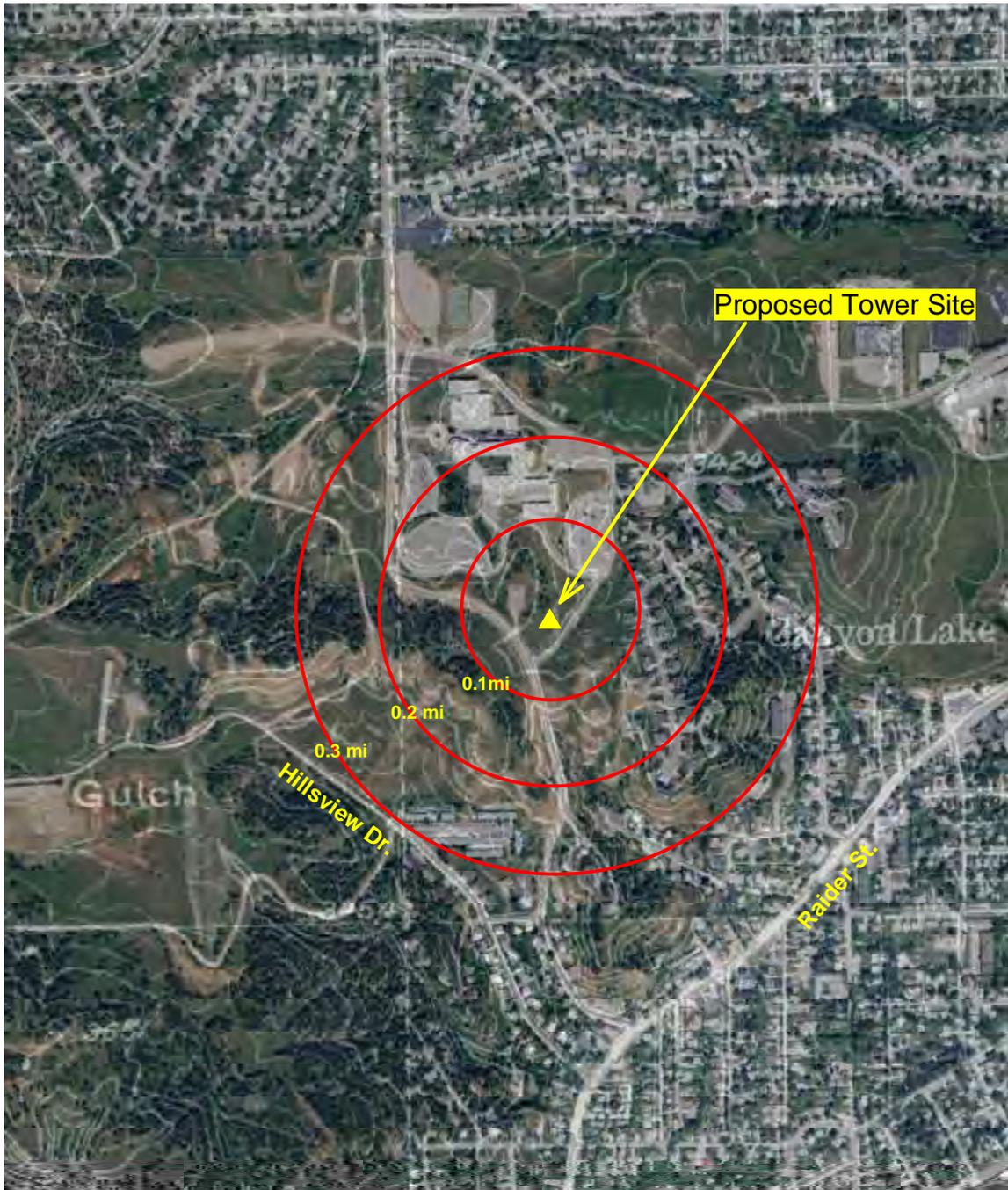
Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

Figure 15. NWI MAP



Rapid City West (SD) Topographic Quad & July 2010 Aerial

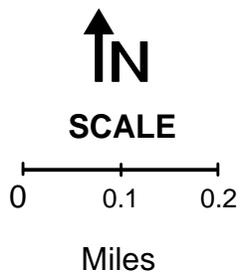
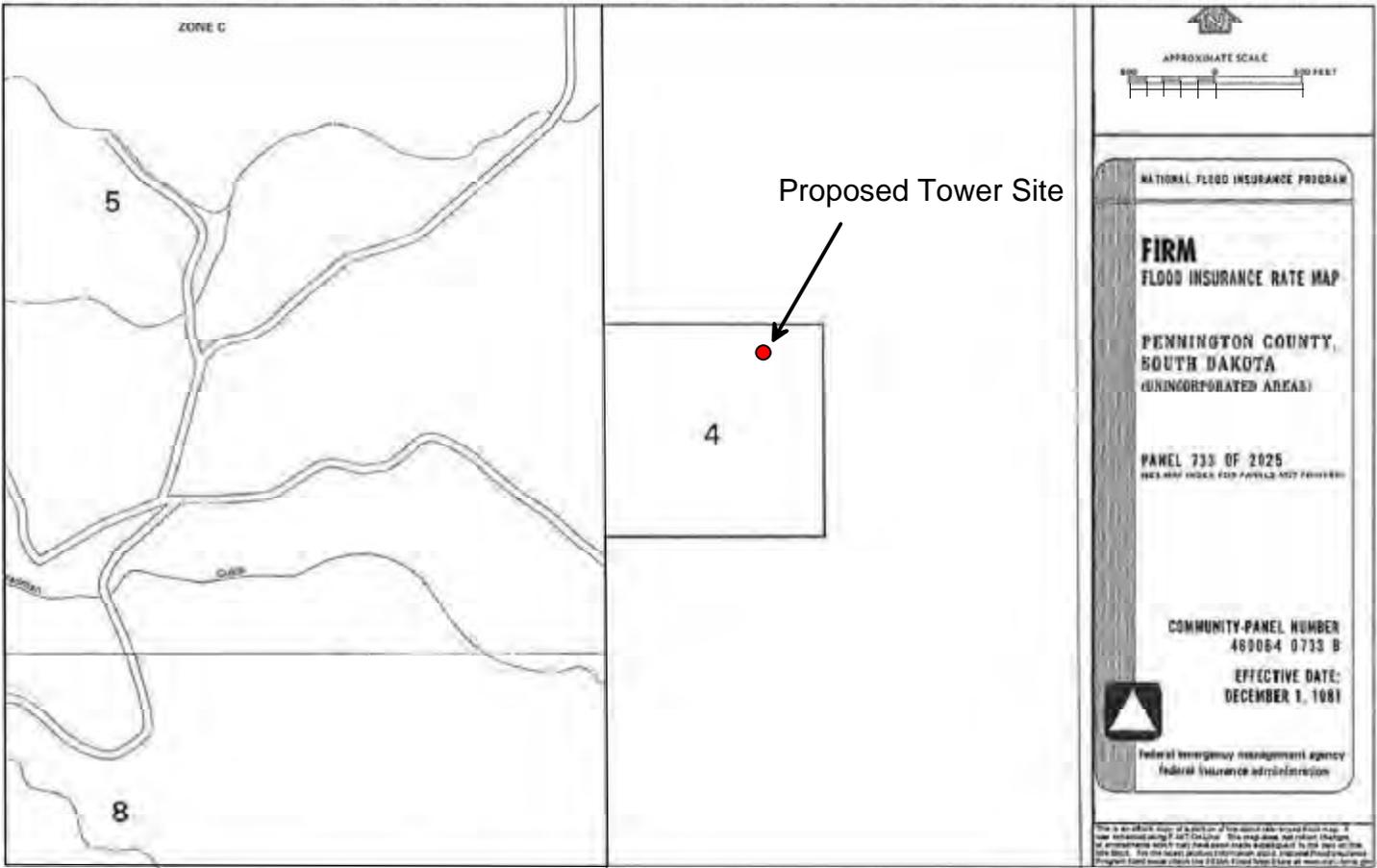


Figure 16. Rapid City West Self Supporting Tower Site
 Vicinity Map: Rapid City West (SD) Topographic Quad &
 2010 Aerial Overlay
 NW/4, SW/4, Sec 4, T1N, R7E
 Pennington County, SD

Land Recyclers Inc.

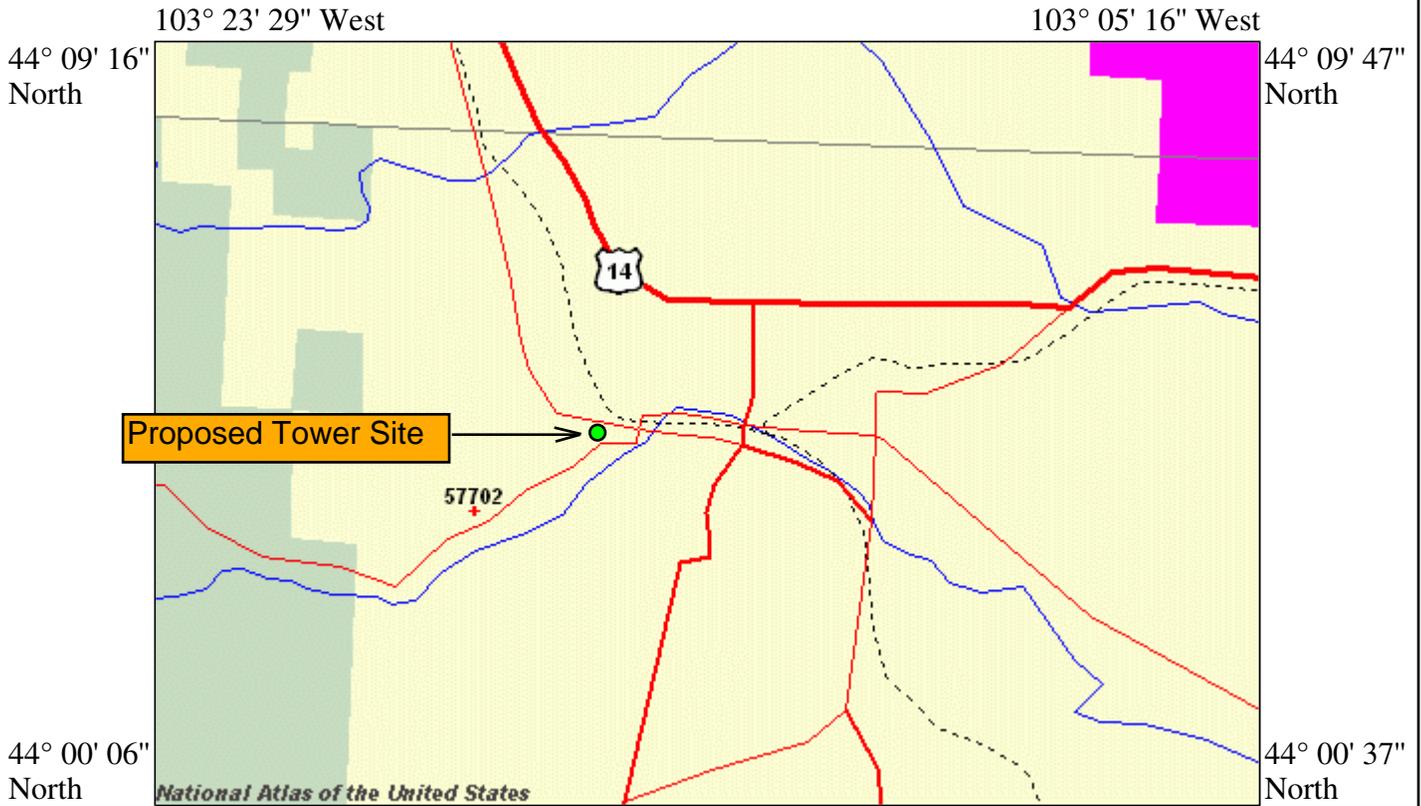


FIRM 460064 0733B

***EXPLANATION OF ZONE DESIGNATIONS**

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

Figure 17. FEMA Map
 Pennington County 911 Users Board
 Rapid City West 190' SST
 NW/4, SW/4, Sec 34, T2N, R8E
 Pennington County, SD
 FIRM 460064 0733B
Land Recyclers Inc.



Proposed Tower Site

57702

National Atlas of the United States

103° 22' 57" West
 Lambert Azimuthal Equal-Area
 Projection



103° 04' 47" West
<http://nationalatlas.gov>
 20-Mar-12 09:49AM

Boundaries

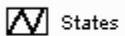
Counties

Source: [U.S. Geological Survey](http://www.usgs.gov)



States

Source: [U. S. Geological Survey](http://www.usgs.gov)



Indian Lands

Source: [U. S. Geological Survey](http://www.usgs.gov)

Figure 18: Rapid City West SST Facility
 National Atlas Land Resources Map

LAND RECYCLERS INC.

Layer partially covered by another layer

Indian Lands

-  Indian Reservation
-  National Forest
-  National Historic Park
-  National Monument
-  National Park
-  National Wildlife Refuge
-  Public Domain Land
-  Water

Federal Lands

Source: [U. S. Geological Survey](#)

Layer partially covered by another layer

-  Bureau of Land Management
-  Bureau of Reclamation
-  Department of Defense
-  Forest Service
-  Fish and Wildlife Service
-  National Park Service
-  Tennessee Valley Authority
-  Other

Wilderness Preservation System Areas

Source: [U. S. Geological Survey](#)

-  Wilderness Areas

Map Reference

Latitude/Longitude

Source: [U.S. Geological Survey](#)

-  Latitude/Longitude

Transportation

Airports

Source: [Federal Aviation Administration](#)

-  Airports

Railroads

Source: [U.S. Geological Survey](#)

-  Railroads

Parkways and Scenic Rivers

Source: [U.S. Geological Survey](#)

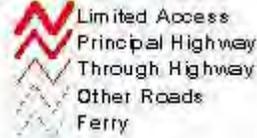
-  National Monument or Park
-  National Parkway
-  National Wild and Scenic River

LEGEND

Figure 18: Rapid City West SST Facility
National Atlas Land Resources Map
LAND RECYCLERS INC.

Roads

Source: [U.S. Geological Survey](#)

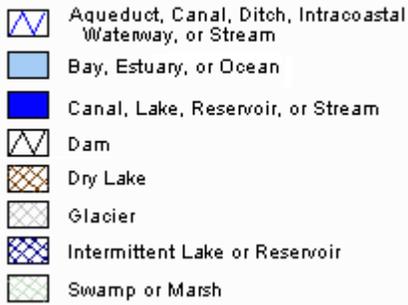


Water

Streams and Waterbodies

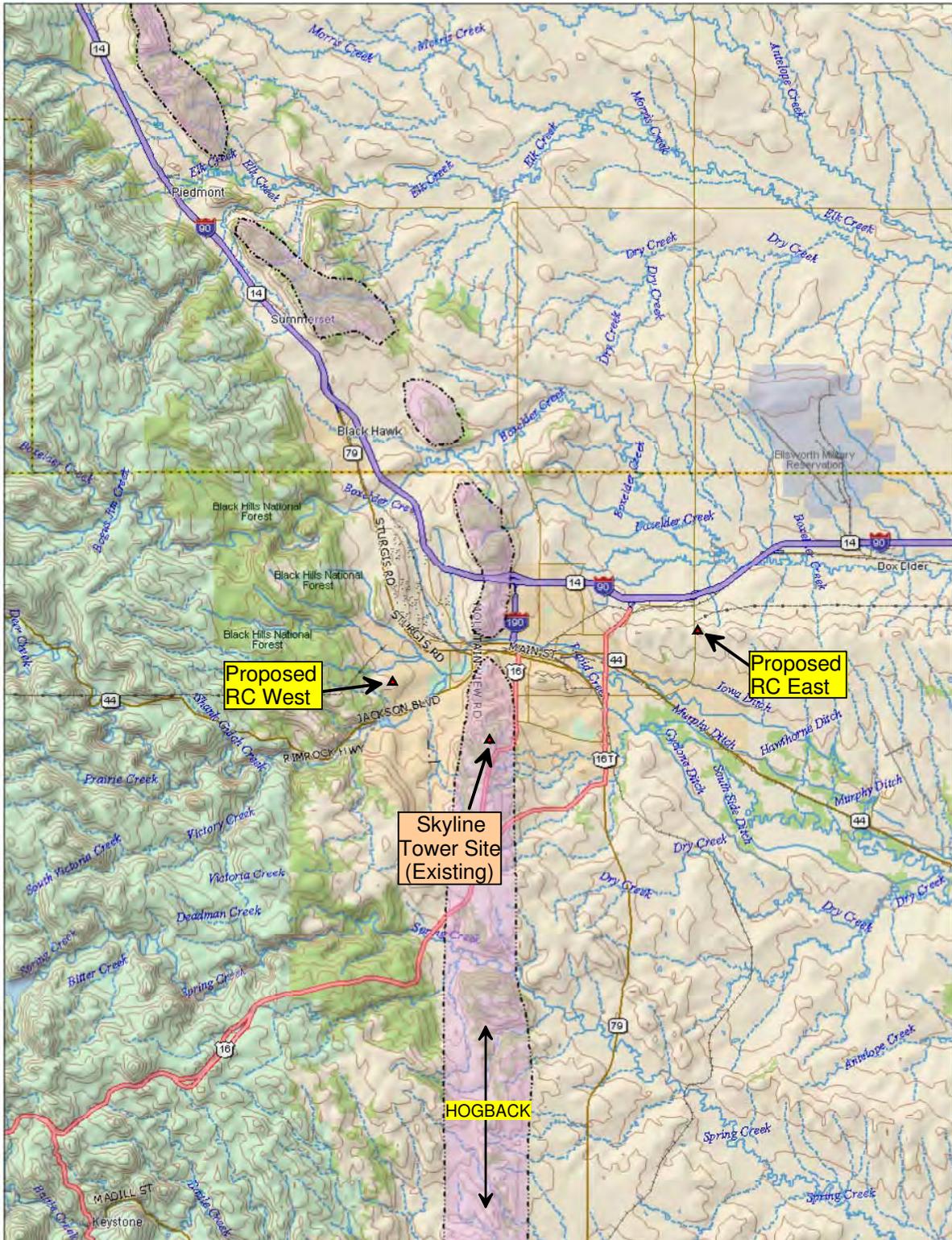
Source: [U.S. Geological Survey](#)

Streams and Waterbodies

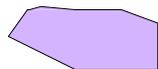


LEGEND

Figure 18: Rapid City West SST Facility
National Atlas Land Resources Map
LAND RECYCLERS INC.



0 1 2 3 4 5 mi



Approximate Outline Of
Hogback Structure

Figure 19. Proposed RC West Site
 Future Location of Proposed RC East Site
 Location of Existing SDPB Skyline Tower
 Outline of N - S Trending "Hogback" Topo Feature

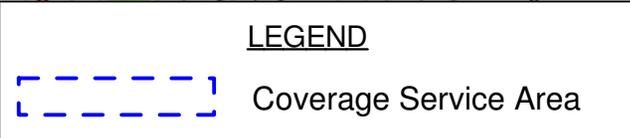
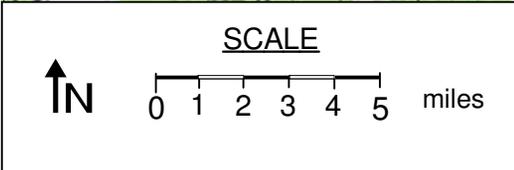
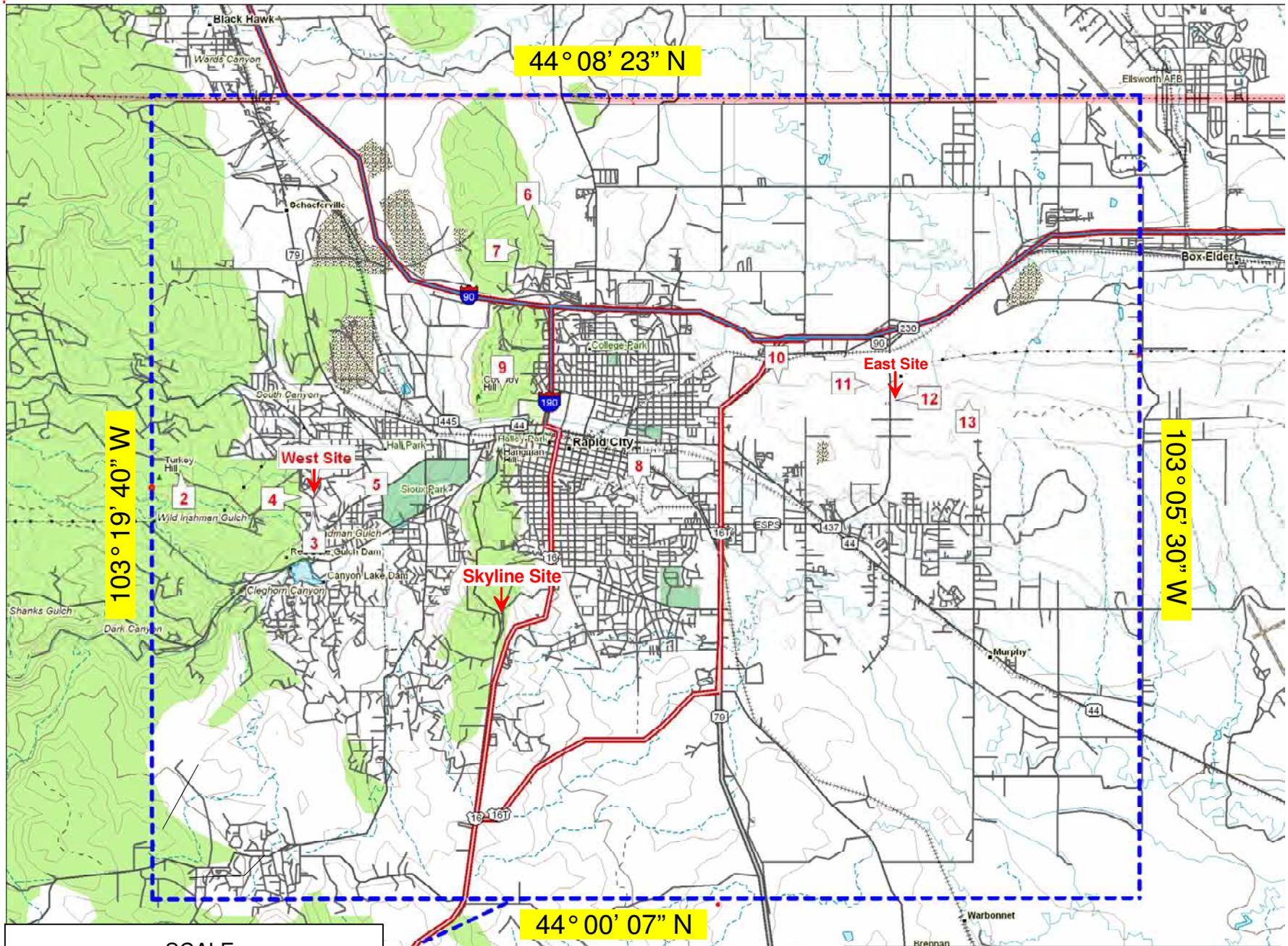
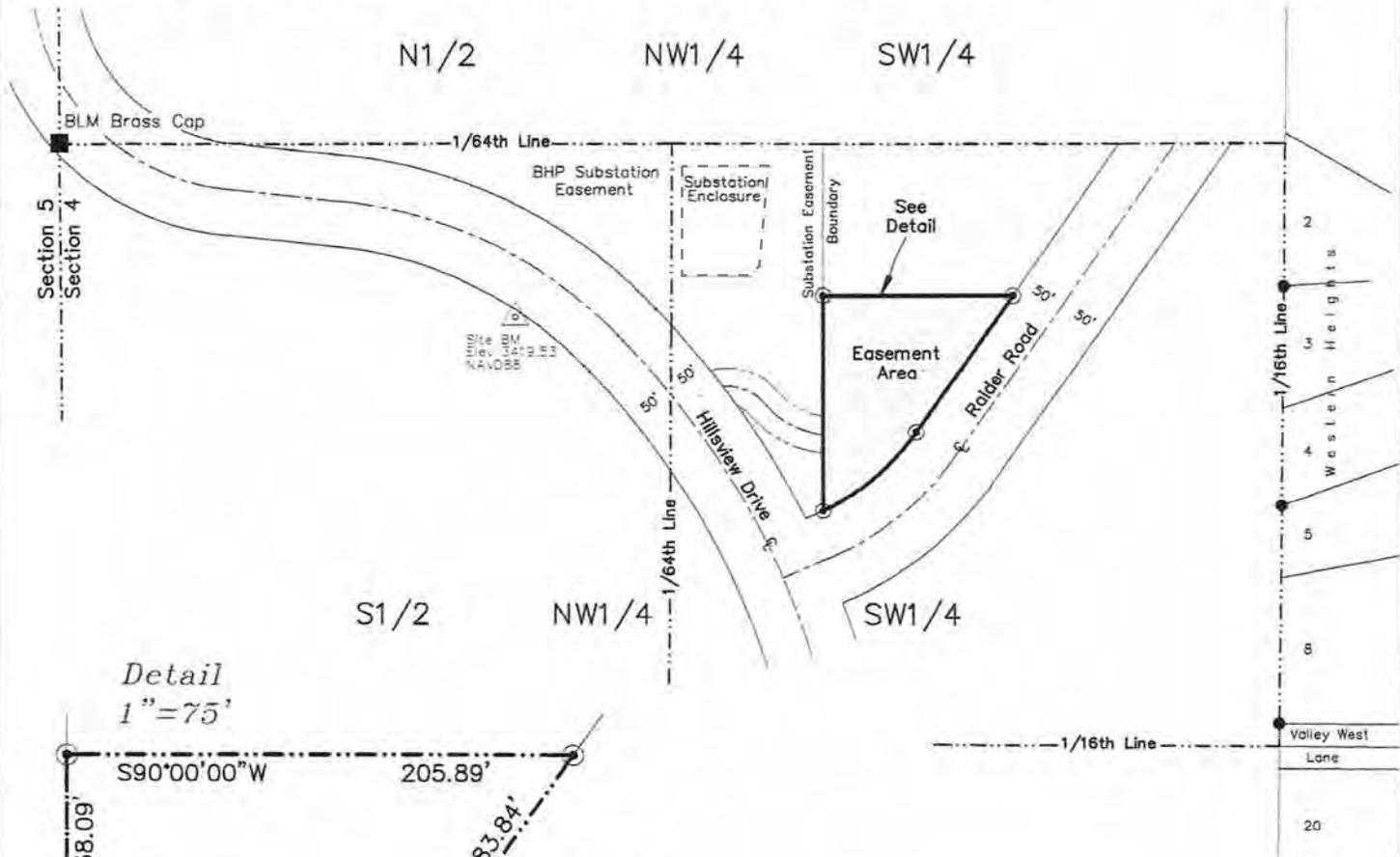
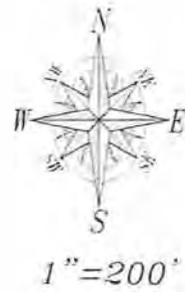
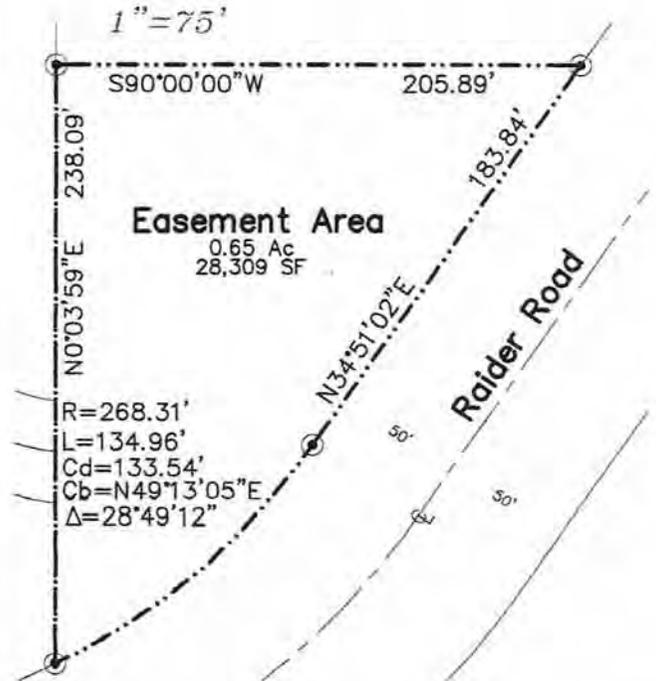


Figure 20. Alternate Sites Location Map
 LAND RECYCLERS INC.

Easement
 Located in the S1/2 NW1/4 SW1/4
 Lying east of Hillsview Drive, in
 Section 4, T1N, R7E, B.H.M.
 Rapid City, Pennington County, South Dakota



Detail
 1" = 75'



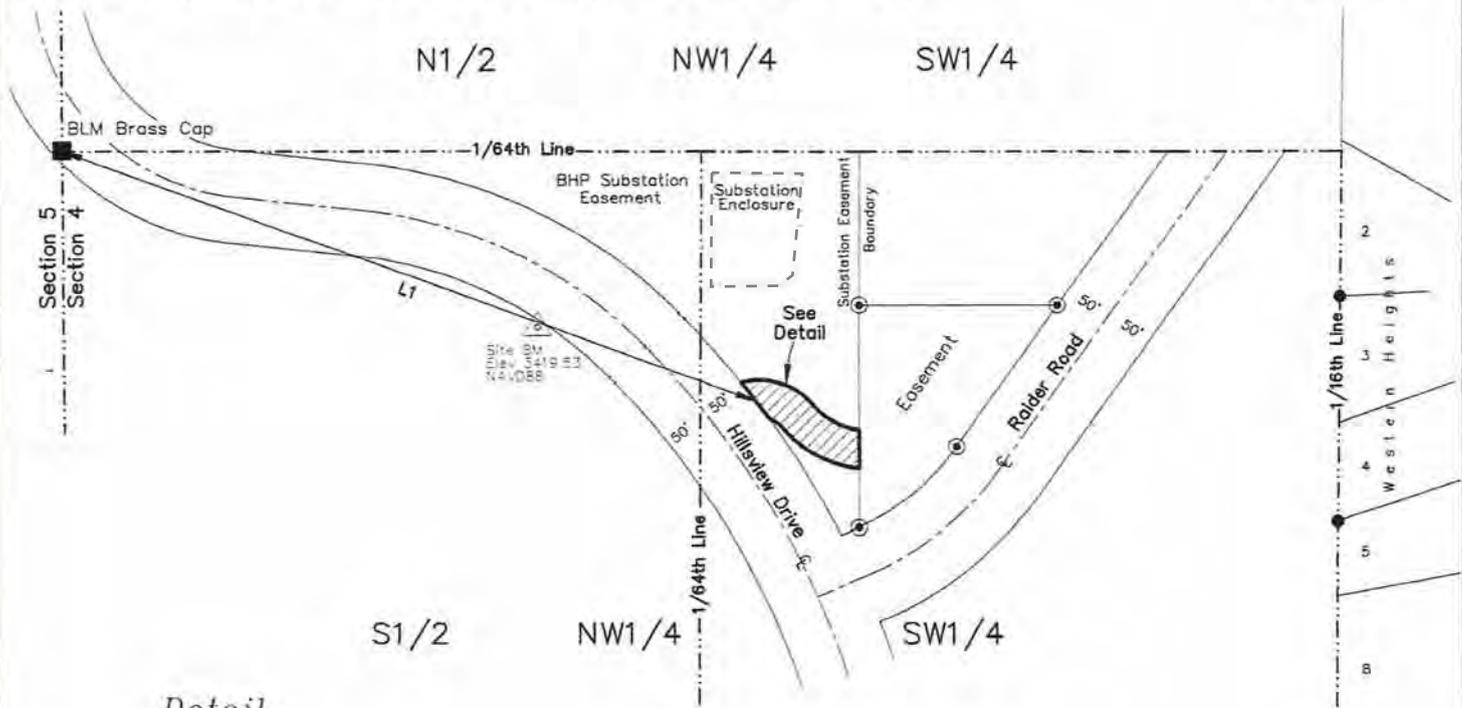
- = Found Monument
- ⊙ = RW Fisk LS6565
- = BLM Brass Cap

Exhibit A-1
Preliminary Easement

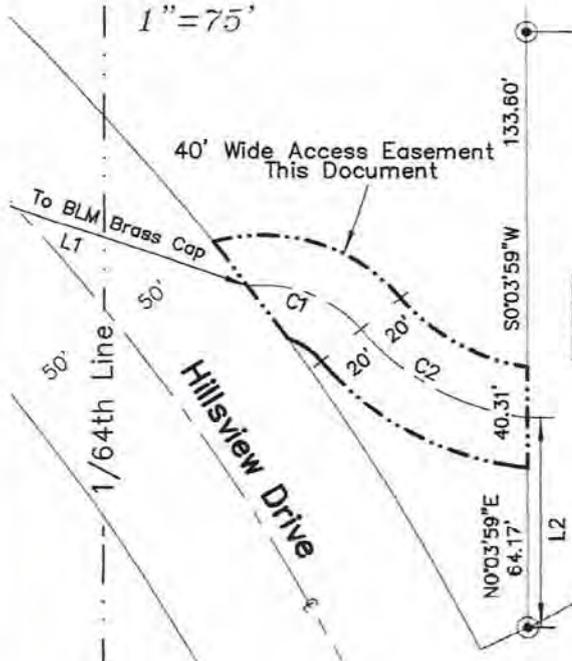
Access Easement
 Located in the S1/2 NW1/4 SW1/4
 Lying east of Hillsview Drive, in
 Section 4, T1N, R7E, B.H.M.
 Rapid City, Pennington County, South Dakota



1" = 200'



Detail
 1" = 75'



Centerline Annotations

Line Data

NUM	BEARING	DISTANCE
L1	S69°32'05"E	768.02'
L2	N0°03'59"E	84.30'

Centerline Curve Data

NUM	DELTA	ARC	RADIUS	BEARING	DISTANCE
C1	56°34'54"	49.38'	50.00'	N67°55'36"W	47.39'
C2	43°18'50"	75.60'	100.00'	S61°17'34"E	73.81'

- = Found Monument
- ⊙ = RW Fisk LS6565
- = BLM Brass Cap

Exhibit A-2
Preliminary Access Easement