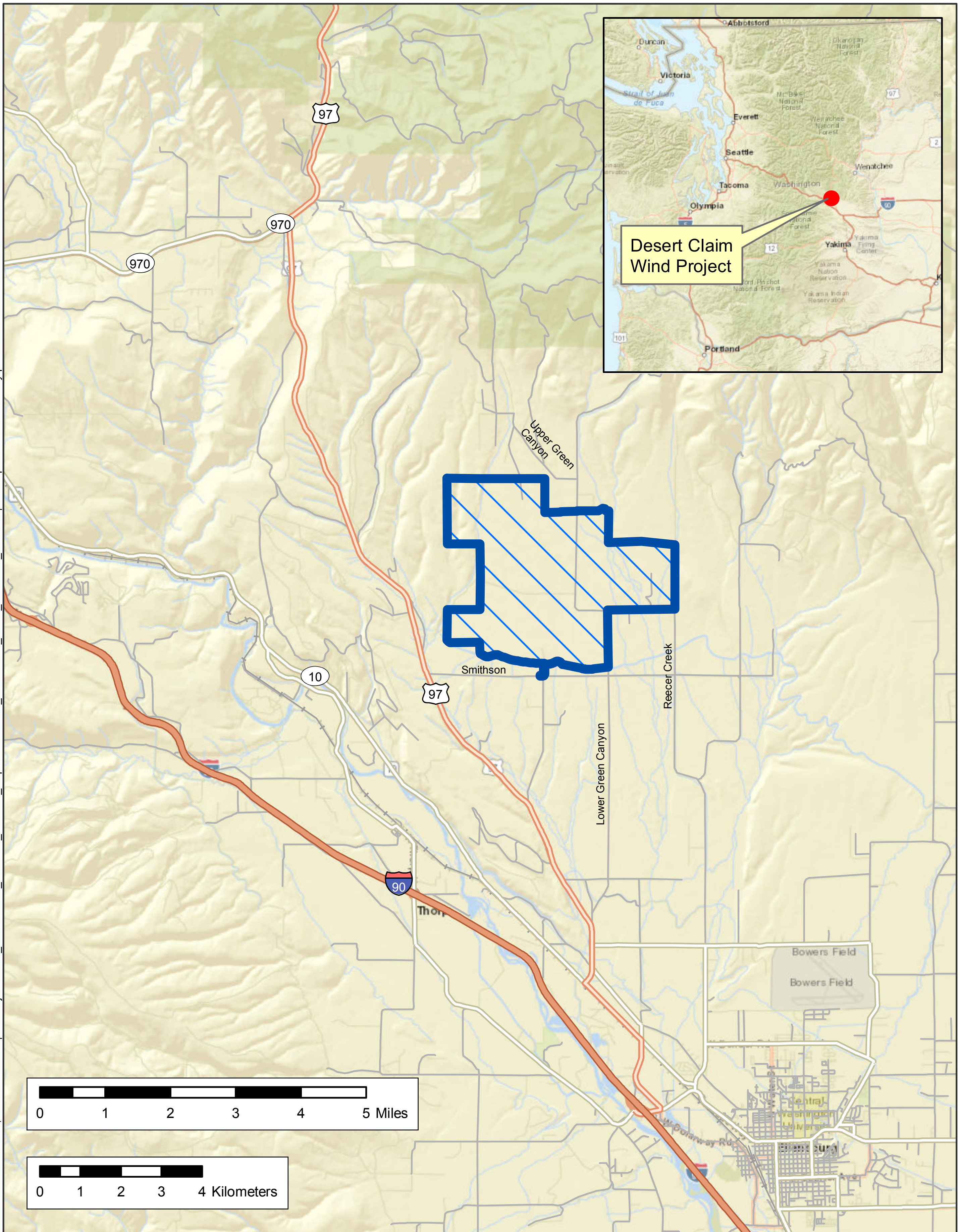
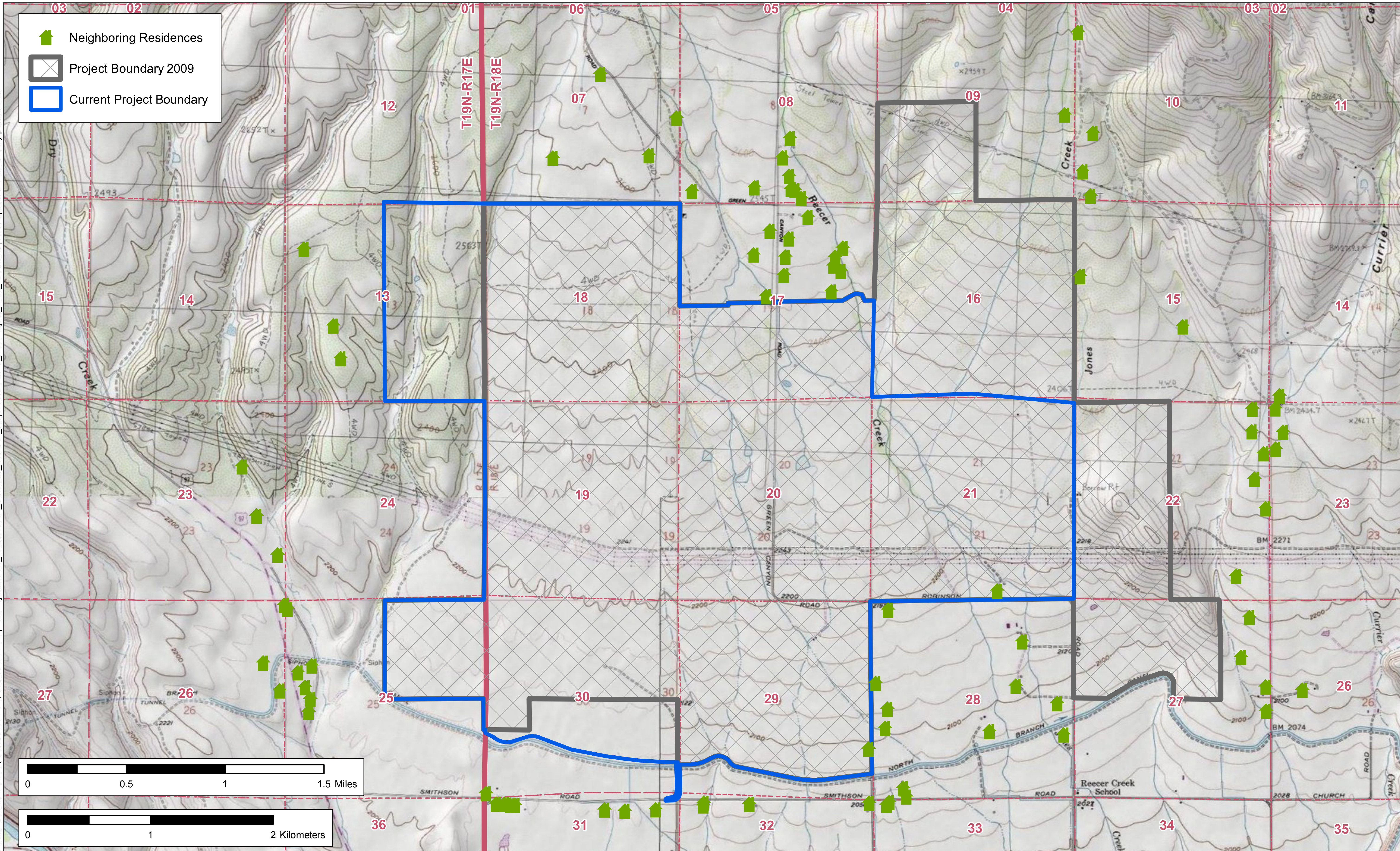


Source: Source 1 YYYY, Source 2 YYYY | G:\Projects\USA_West\Desert_Claim\05_GIS\052_MapDocs\EFSEC_Doc\Desert_Claim_Overview_F-1.mxd | Last Updated 2/13/2018 by peter.bower

FIGURE 1: PROJECT OVERVIEW

Desert Claim | Kittitas County, Washinton

F-1



Source: Source 1 YYYY, Source 2 YYYY, Source 3 YYYY | G:\Projects\USA_West\Desert_Claim\05_GIS\052_MapDocs\EFSEC_Doc\Project_Area_2018.mxd | Last Updated 2/13/2018 by peter.bower

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FIGURE 2: PROJECT AREA: COMPARISON OF NEW TO OLD

Desert Claim Wind Project | Kittitas County, Washington

F-2

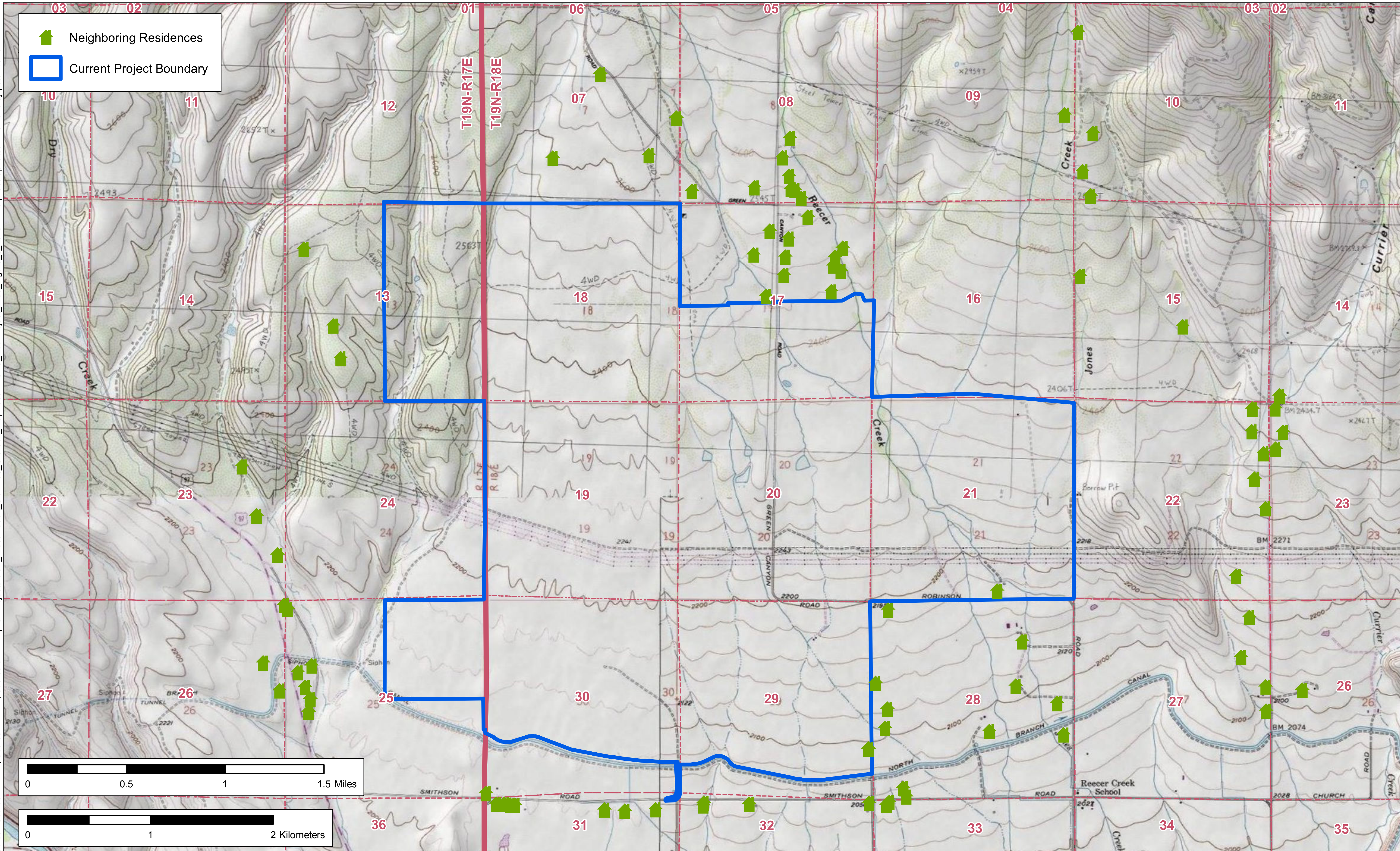

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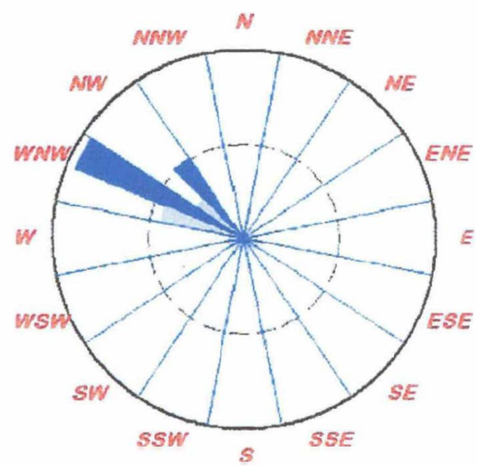
FIGURE 3: PROJECT AREA

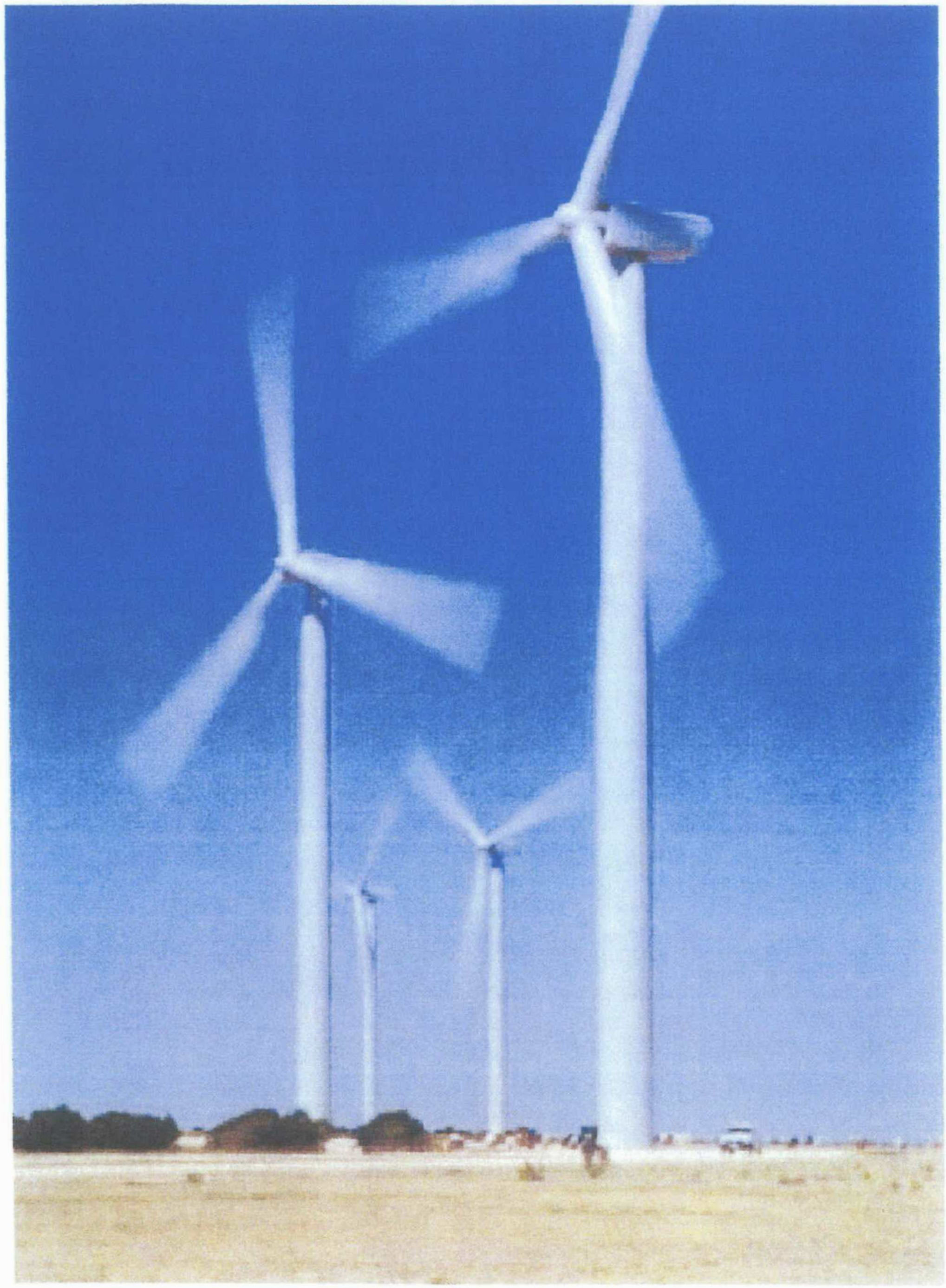
Desert Claim Wind Project | Kittitas County, Washington

enXco - Desert Claim Project
Mast 209
50 m Wind Rose Graph
July 2001 - June 2005



Percent of Total Wind Energy (Wh/m^2):
Percent of Total Time:
Circle Center: 0.0%
Inner Circle: 32.5%
Outer Circle: 65.0%

Desert Claim Wind Power Kittitas County, Washington	**DESERT CLAIM WIND POWER** Kittitas County, Washington	Figure 4 **WIND ROSE FOR PROJECT AREA** Date: 10/2/2006 — GIS Analyst: avh Map Source Information: USGS Topographic Map, 1:24,000 scale.



Desert Claim Wind Power

Kittitas County, Washington

DESERT CLAIM WIND POWER

Kittitas County, Washington

Figure 5

TYPICAL WIND TURBINES IN OPERATION

Date:	GIS Analyst:
10/2/2006	avh

Map Source Information: USGS Topographic Map, 1:24,000 scale.

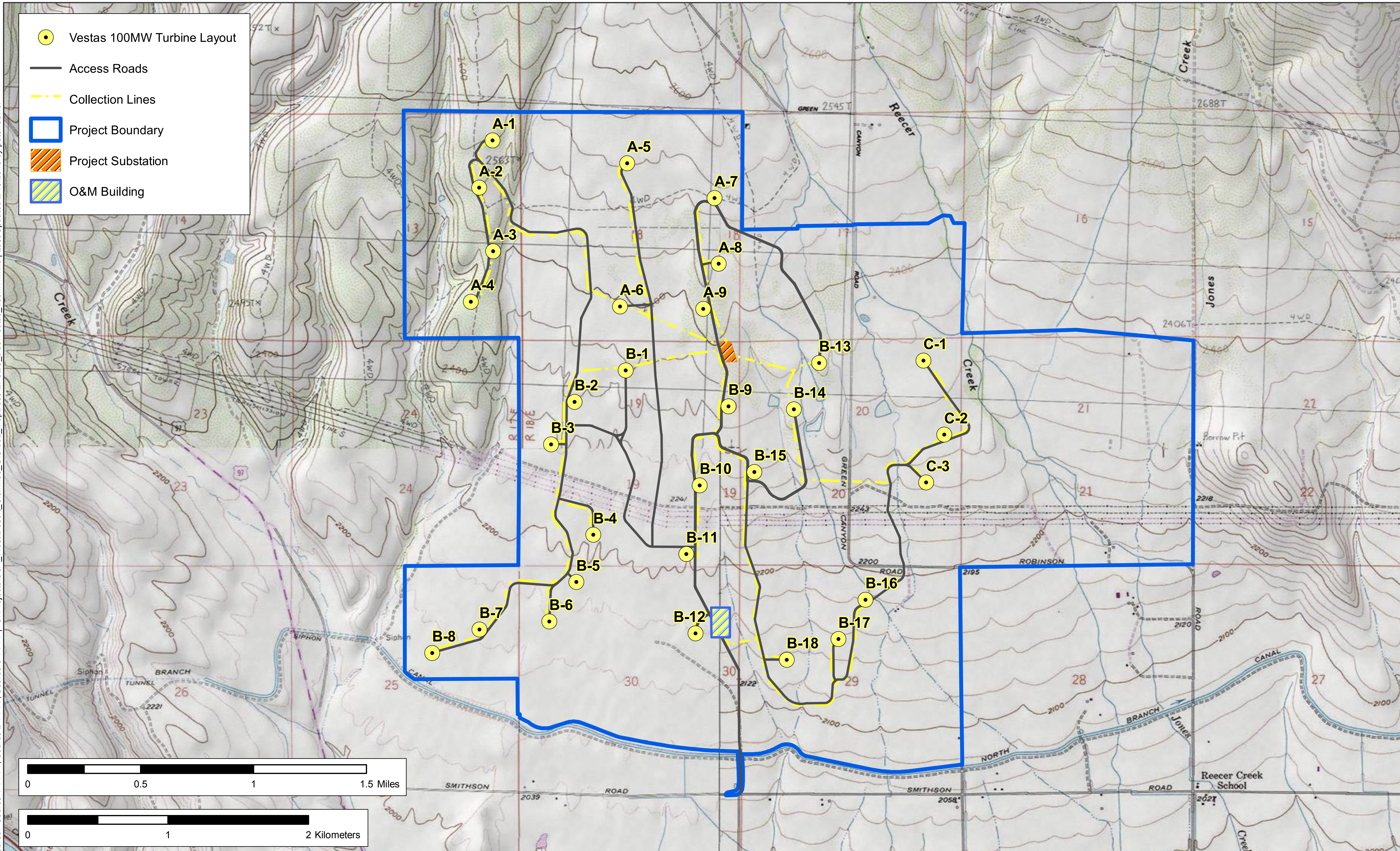


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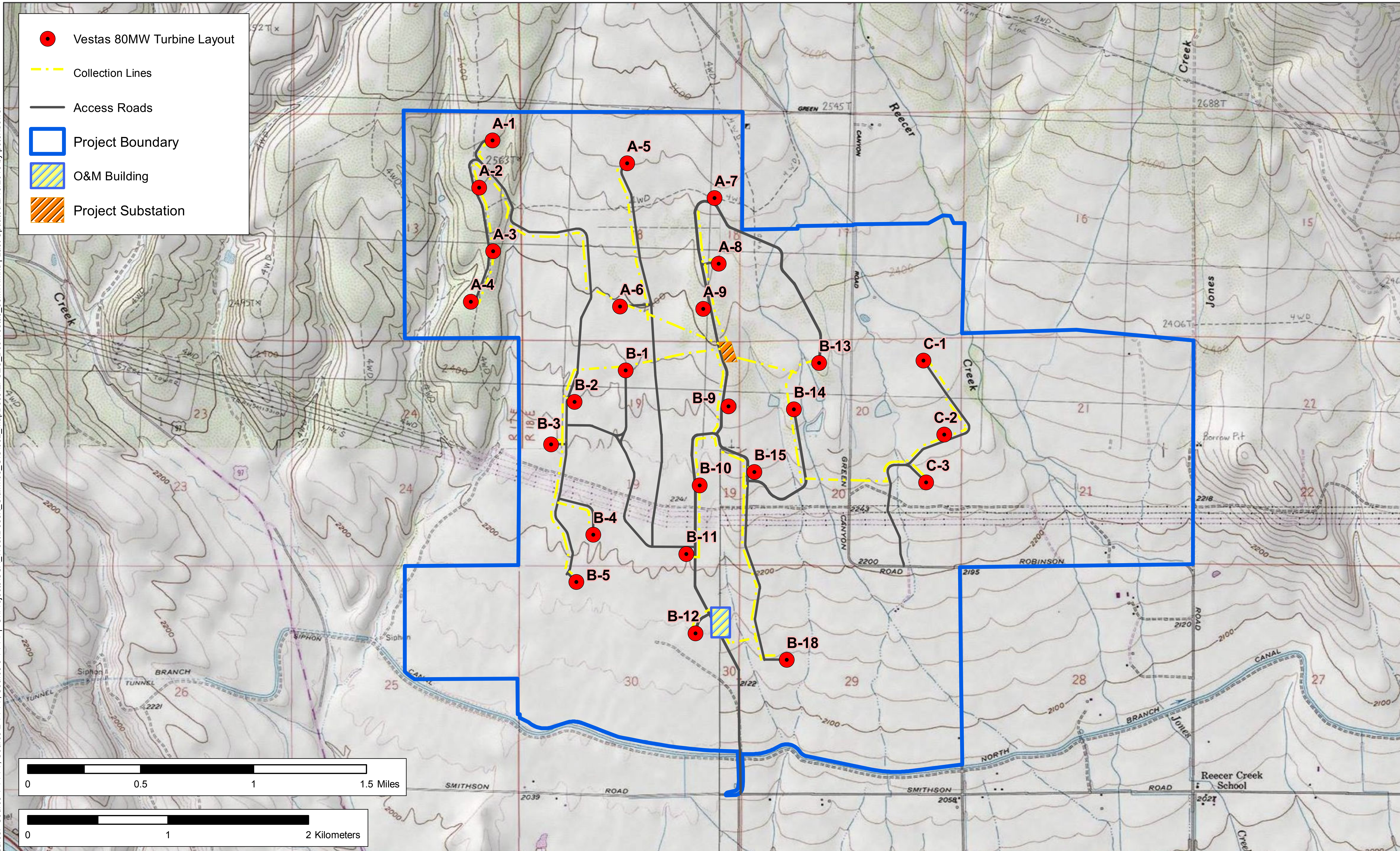
FIGURE 6: 100 MW VESTAS LAYOUT

F-6

Desert Claim Wind Project | Kittitas County, Washington



Source: Source 1 YYYY, Source 2 YYYY, Source 3 YYYY | G:\Projects\USA_West\Desert_Claim\05_GIS\052_MapDocs\EFSEC_Doc\Vestas_80MW.mxd | Last Updated 2/13/2018 by peter bower

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FIGURE 7: 80 MW VESTAS LAYOUT

Desert Claim Wind Project | Kittitas County, Washington

Source: Source 1 YYYY, Source 2 YYYY, Source 3 YYYY | G:\Projects\USA_West\Desert_Claim\05_GIS\052_MapDocs\EFSEC_Doc\Siemens_80MW.mxd | Last Updated 2/13/2018 by peter.bower

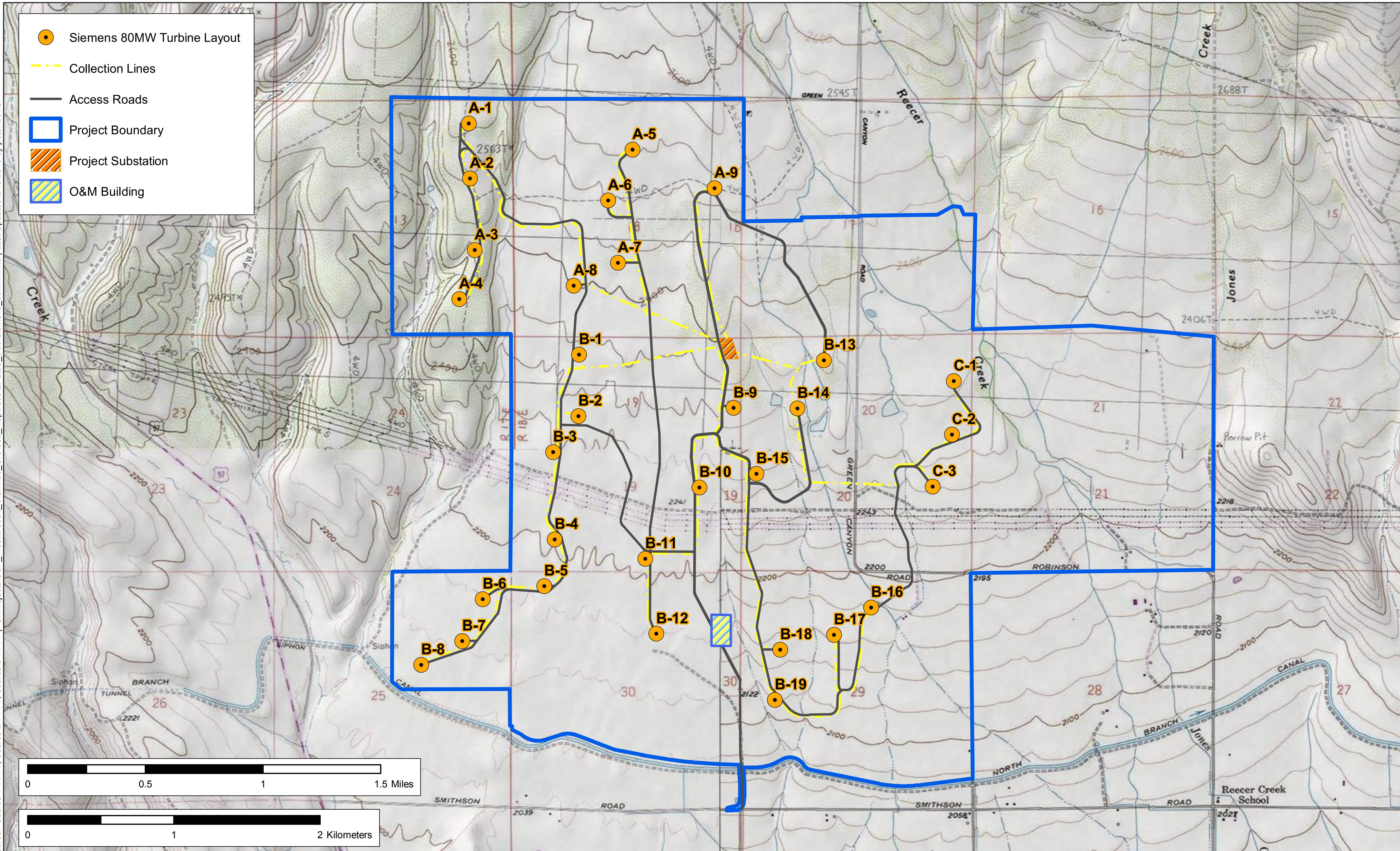
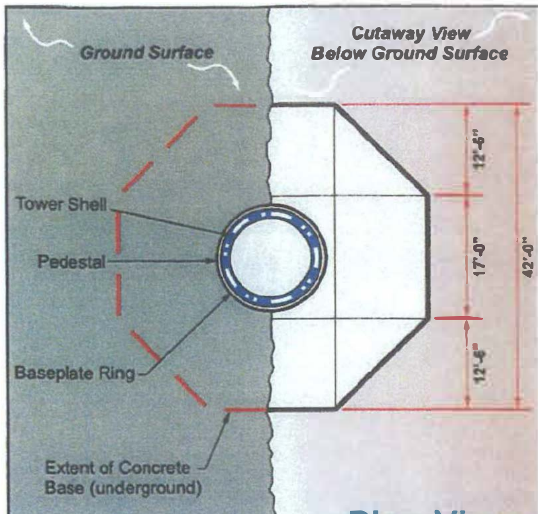


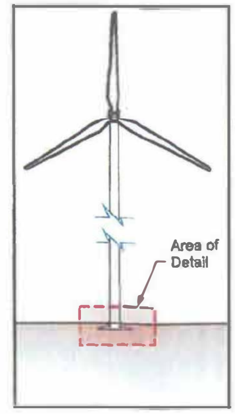
FIGURE 8: 80 MW SIEMENS LAYOUT

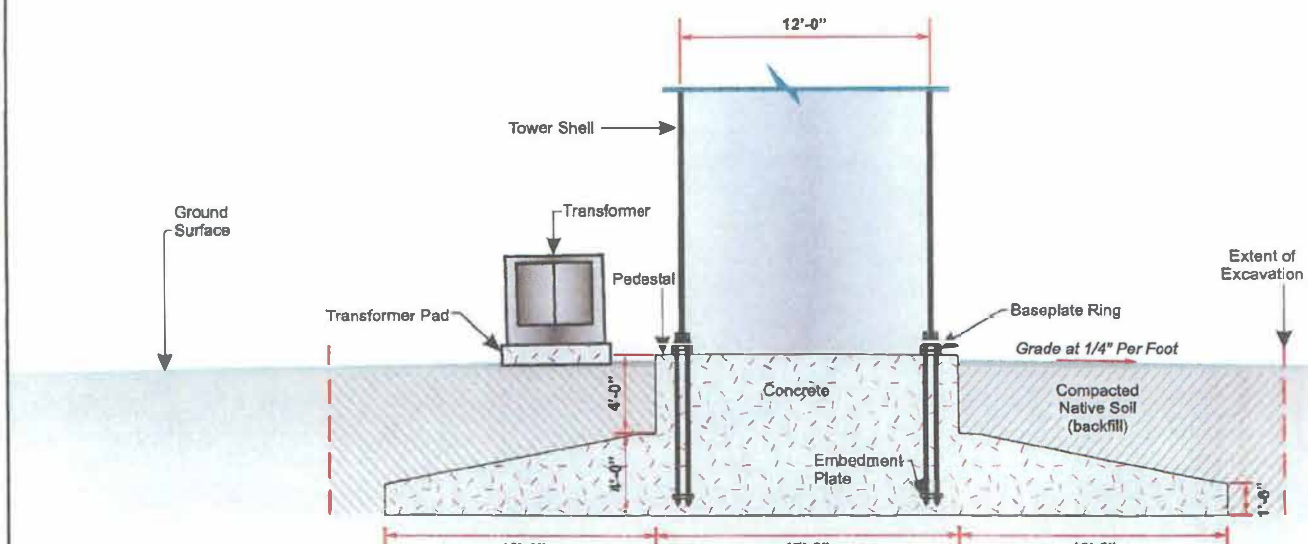
Desert Claim Wind Project | Kittitas County, Washington

F-8



Plan View

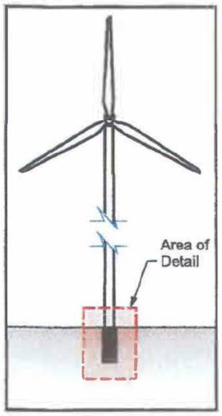


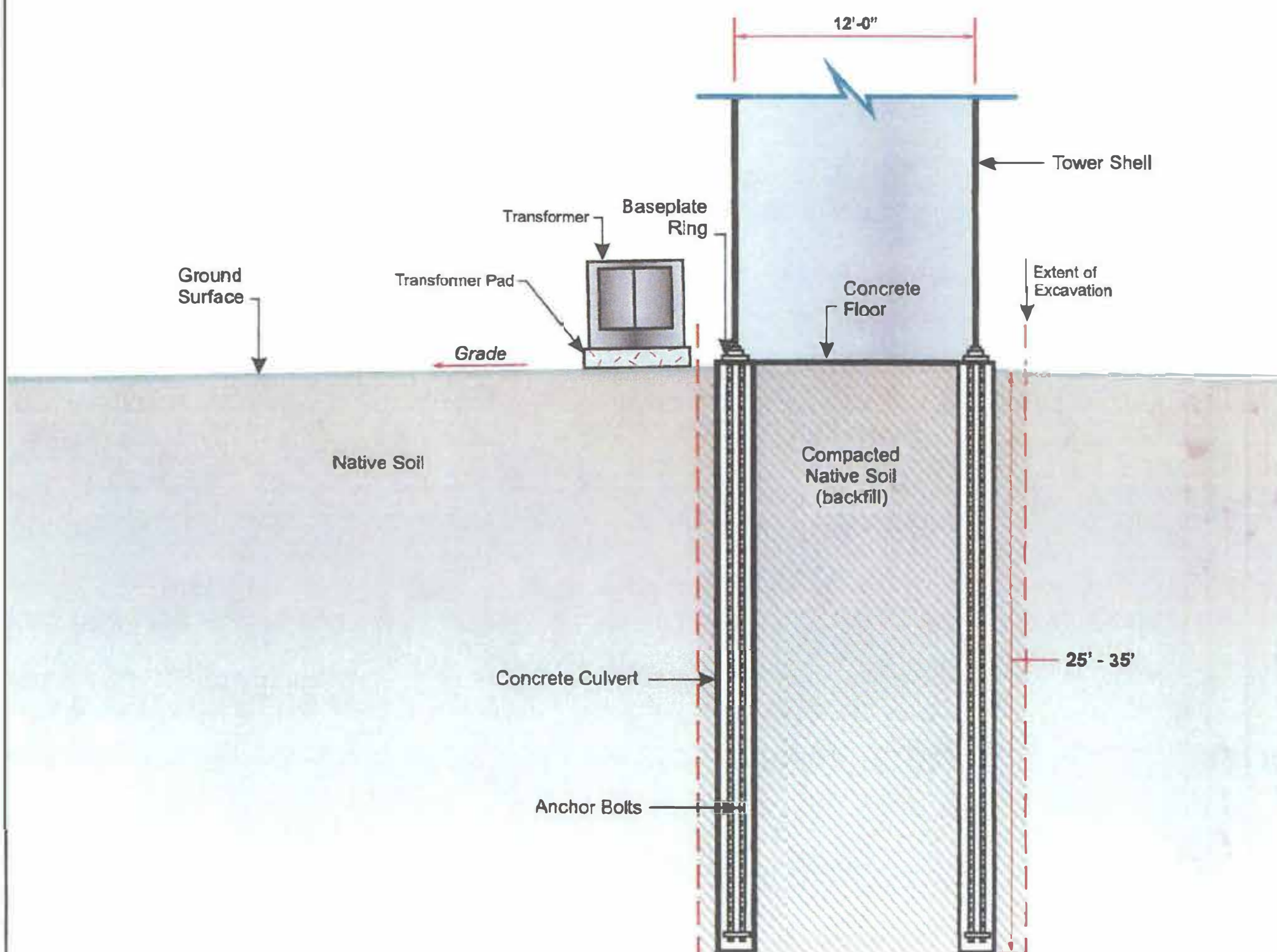


Cross-Section View

INVERTED T TYPE FOUNDATION

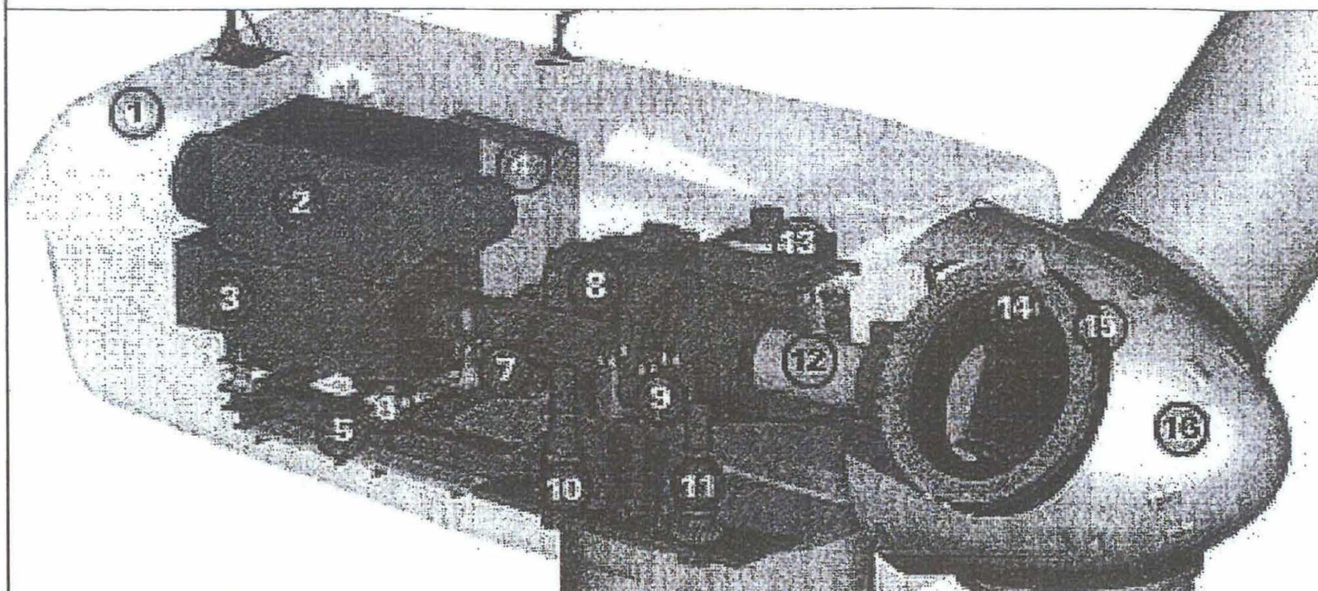
Not to Scale	**DESERT CLAIM WIND POWER**	Figure 9A **TYPICAL TURBINE FOUNDATION - INVERTED T**
	Kittitas County, Washington	Date: 10/19/2006 / GIS Analyst: Map Source Information:





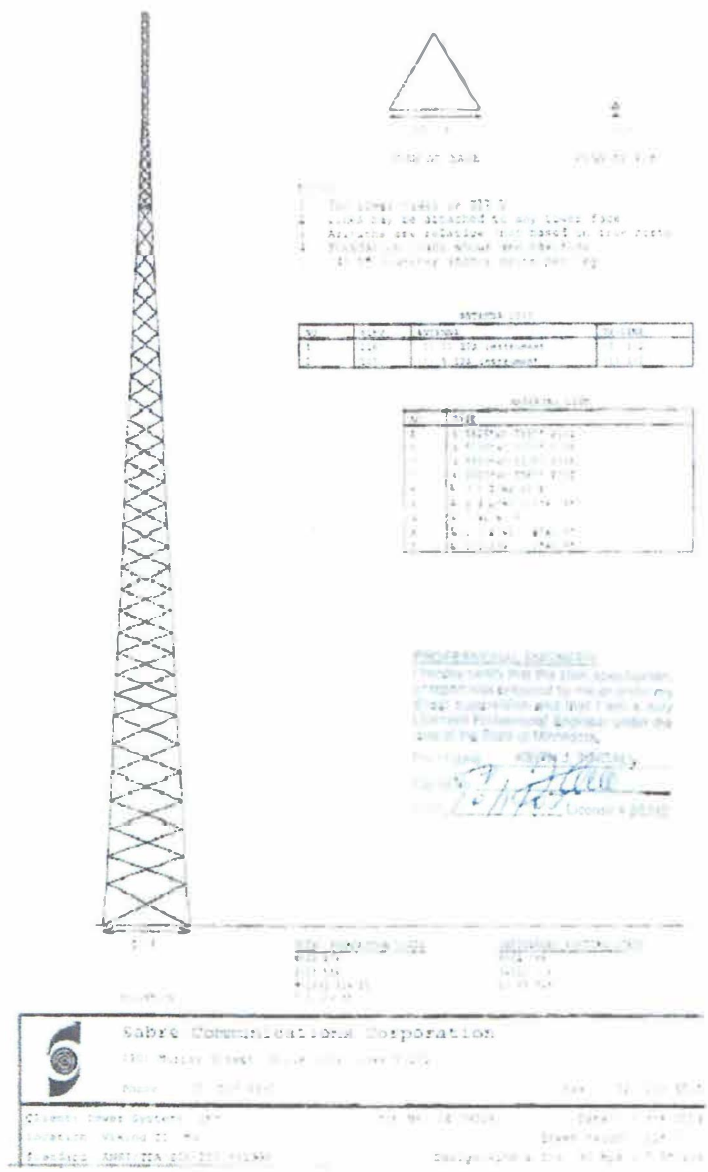
PILE TYPE FOUNDATION

Not to Scale	**DESERT CLAIM WIND POWER**	Figure 9B **TYPICAL TURBINE FOUNDATION - PILE TYPE**
	Kittitas County, Washington	Date: 10/19/2006 | GIS Analyst: Map Source Information:



1. Nacelle
2. Heat Exchanger
3. Generator
4. Control Panel
5. Main Frame
6. Impact Noise Insulation
7. Hydraulic Parking Brake
8. Gearbox
9. Impact Noise Insulation
10. Yaw Drive
11. Yaw Drive
12. Rotor Shaft
13. Oil Cooler
14. Pitch Drive
15. Rotor Hub
16. Nose Cone

Not to Scale	**DESERT CLAIM WIND POWER**	Figure 10 **TYPICAL NACELLE CONFIGURATION**
Desert Claim Wind Power Kittitas County, Washington	Kittitas County, Washington	Date: 10/19/2006 · GIS Analyst: Map Source Information:



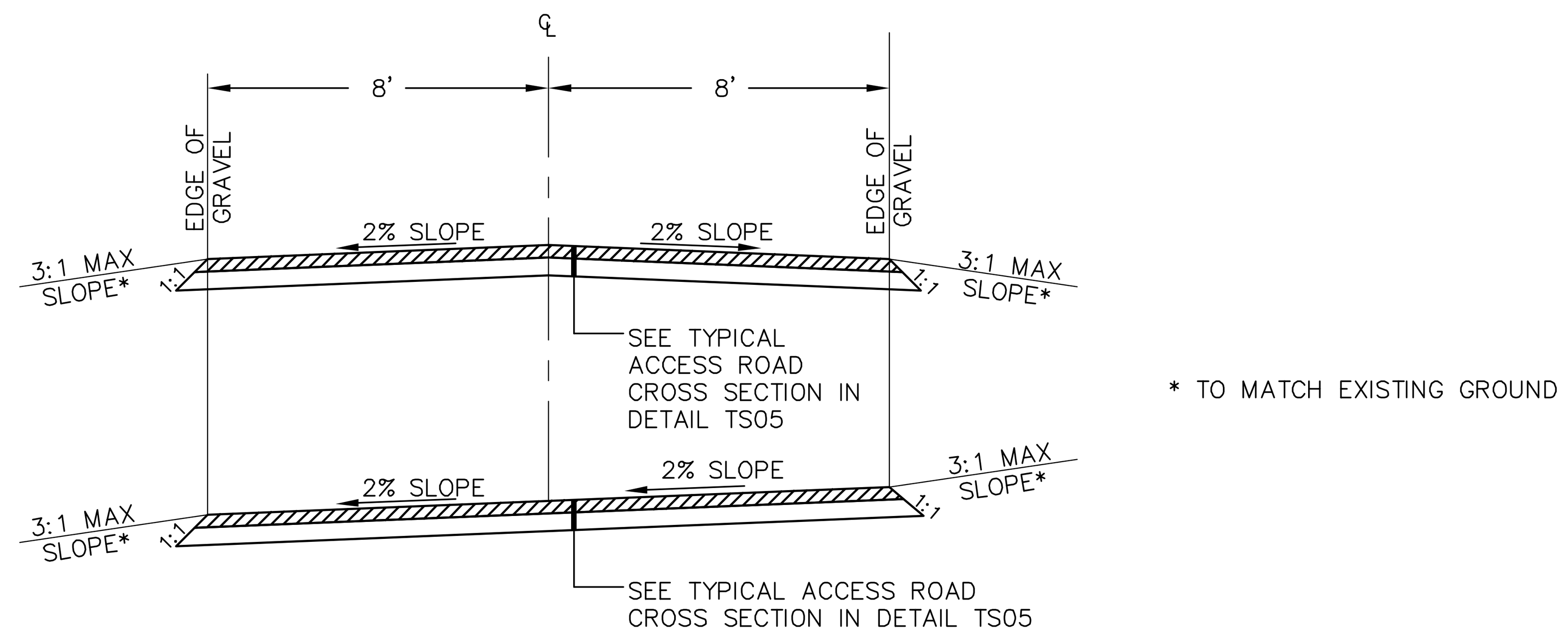
Desert Claim Wind Power
Kittitas County, Washington

DESERT CLAIM WIND POWER

Kittitas County, Washington

Figure 11
TYPICAL PERMANENT MET TOWER

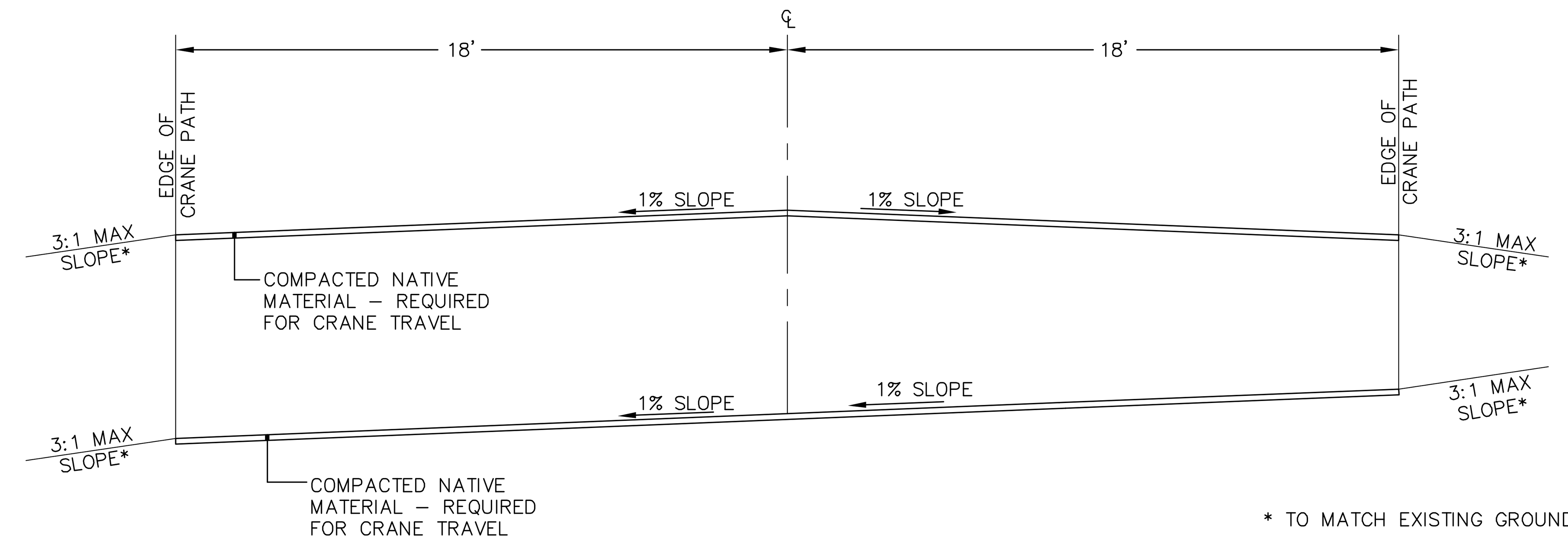
Date: 10/2/2006	GIS Analyst: avh
Map Source Information: USGS Topographic Map, 1:24,000 scale.	



NOTES:

1. CONTRACTOR SHALL CONSTRUCT CROSS–SLOPE ROAD SECTION WHERE ACCESS ROADS ARE CONSTRUCTED ON A SIDE SLOPE (PARALLEL TO CONTOUR) TO ENSURE THAT ROADS AND SHOULDERS REMAIN WELL DRAINED AT ALL TIMES.
2. ROADS TO GENERALLY FOLLOW EXISTING CONTOURS EXCEPT IF GRADES EXCEED TURBINE DELIVERY VEHICLE CAPABILITIES, IF THIS OCCURS GENERAL CONTRACTOR MAY PROVIDE ASSIST VEHICLE OR MODIFY GRADE

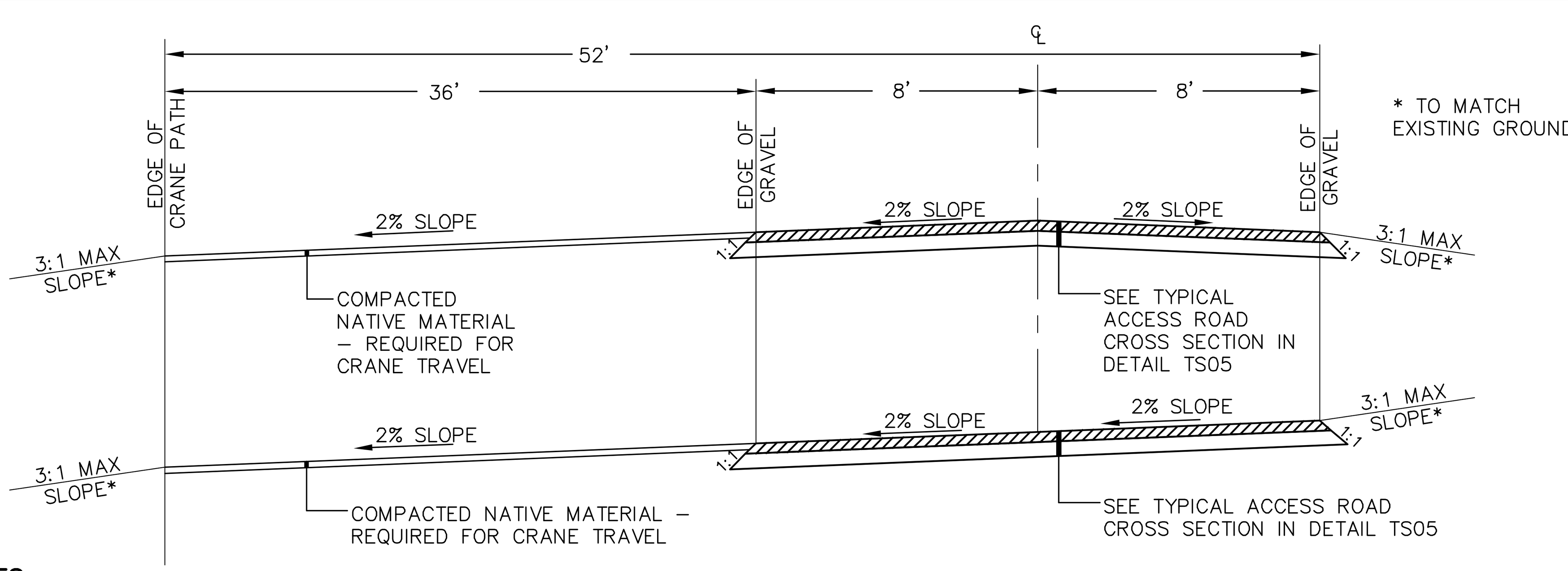
Westwood	TYPICAL TURBINE ACCESS ROAD	LAST REVISED: 3/7/14 RD01–A



NOTES:

1. CONTRACTOR SHALL CONSTRUCT CROSS–SLOPE WHERE CRANE PATHS ARE CONSTRUCTED ON A SIDE SLOPE (PARALLEL TO CONTOUR) TO ENSURE THAT CRANE PATH REMAINS WELL DRAINED AT ALL TIMES.
2. MAXIMUM CROSS SLOPE FOR CRANE TRAVEL IS 1.0%.

Westwood	TYPICAL CRANE PATH	LAST REVISED: 3/7/14 RD01–B



NOTES:

1. CONTRACTOR SHALL CONSTRUCT CROSS–SLOPE ROAD SECTION WHERE ACCESS ROADS ARE CONSTRUCTED ON A SIDE SLOPE (PARALLEL TO CONTOUR) TO ENSURE THAT ROADS AND SHOULDERS REMAIN WELL DRAINED AT ALL TIMES.
2. MAXIMUM CROSS SLOPE FOR CRANE TRAVEL IS 1.0%
3. WHEN CRANE PATH IS NOT NEEDED, MATCH THE ACCESS ROAD DIRECTLY INTO EXISTING GROUND SURFACE
4. ROADS TO GENERALLY FOLLOW EXISTING CONTOURS EXCEPT IF GRADES EXCEED TURBINE DELIVERY VEHICLE CAPABILITIES, IF THIS OCCURS GENERAL CONTRACTOR MAY PROVIDE ASSIST VEHICLE OR MODIFY GRADE.
5. NO CRANE TRAVEL ALLOWED ON CEMENT STABILIZED SUBGRADE.

Westwood	TYPICAL TURBINE ACCESS ROAD AND OFFSET CRANE PATH	LAST REVISED: 3/7/14 RD01–C

Figure 12

Westwood

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Toll Free (888) 937-5150 westwoodps.com

Westwood Professional Services, Inc.

Designed: DJF

Checked: CJC

Drawn: DJF

Record Drawing by/date:

Revisions:

#	DATE	DESCRIPTION

Prepared for:

EDF renewable energy

15445 Innovation Dr.
San Diego, CA 92128

Construction Details

Date: 01/12/2018

Sheet:

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