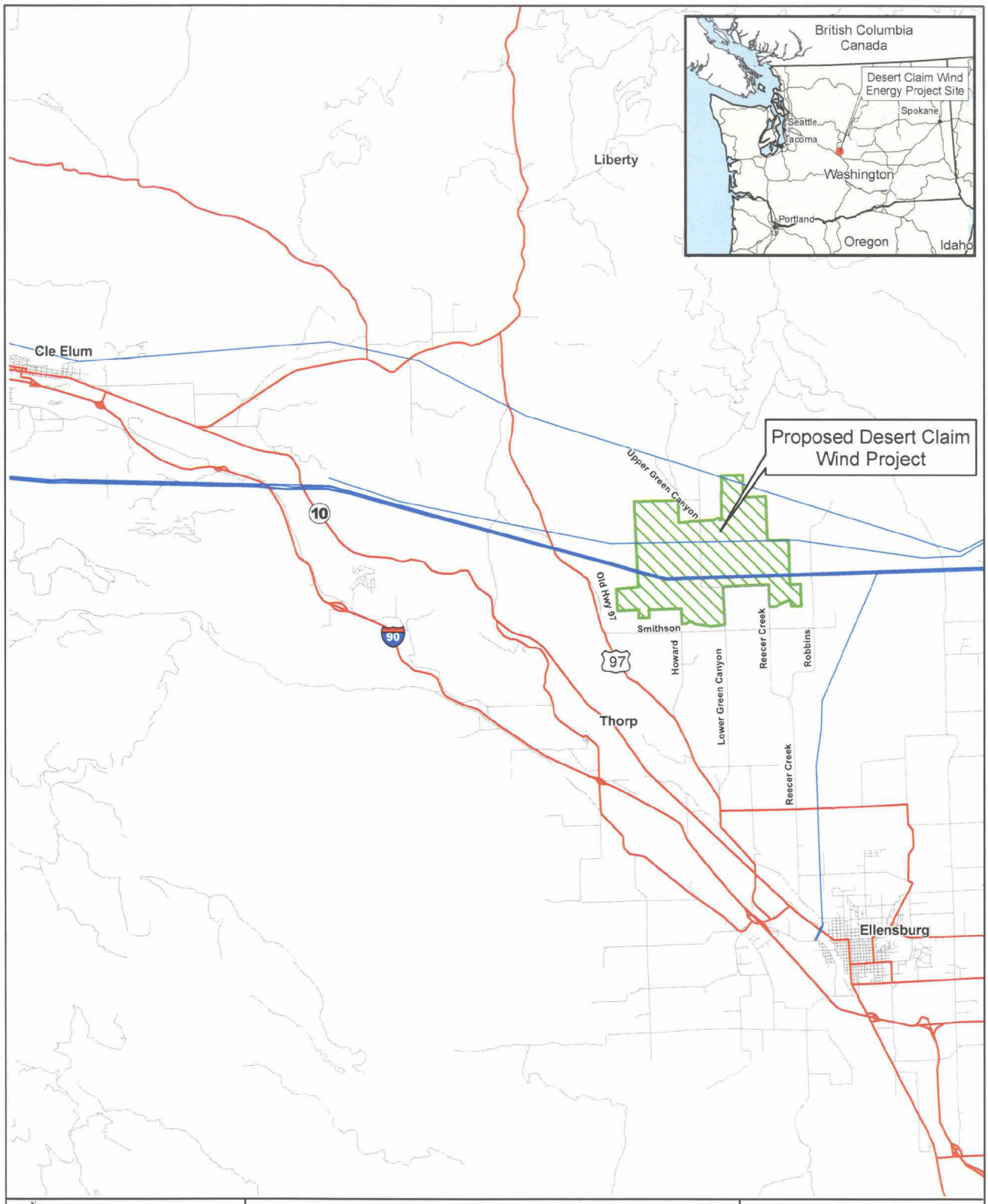

N W E S 0 0.5 1 2 3 4
Miles
Scale 1:200,000

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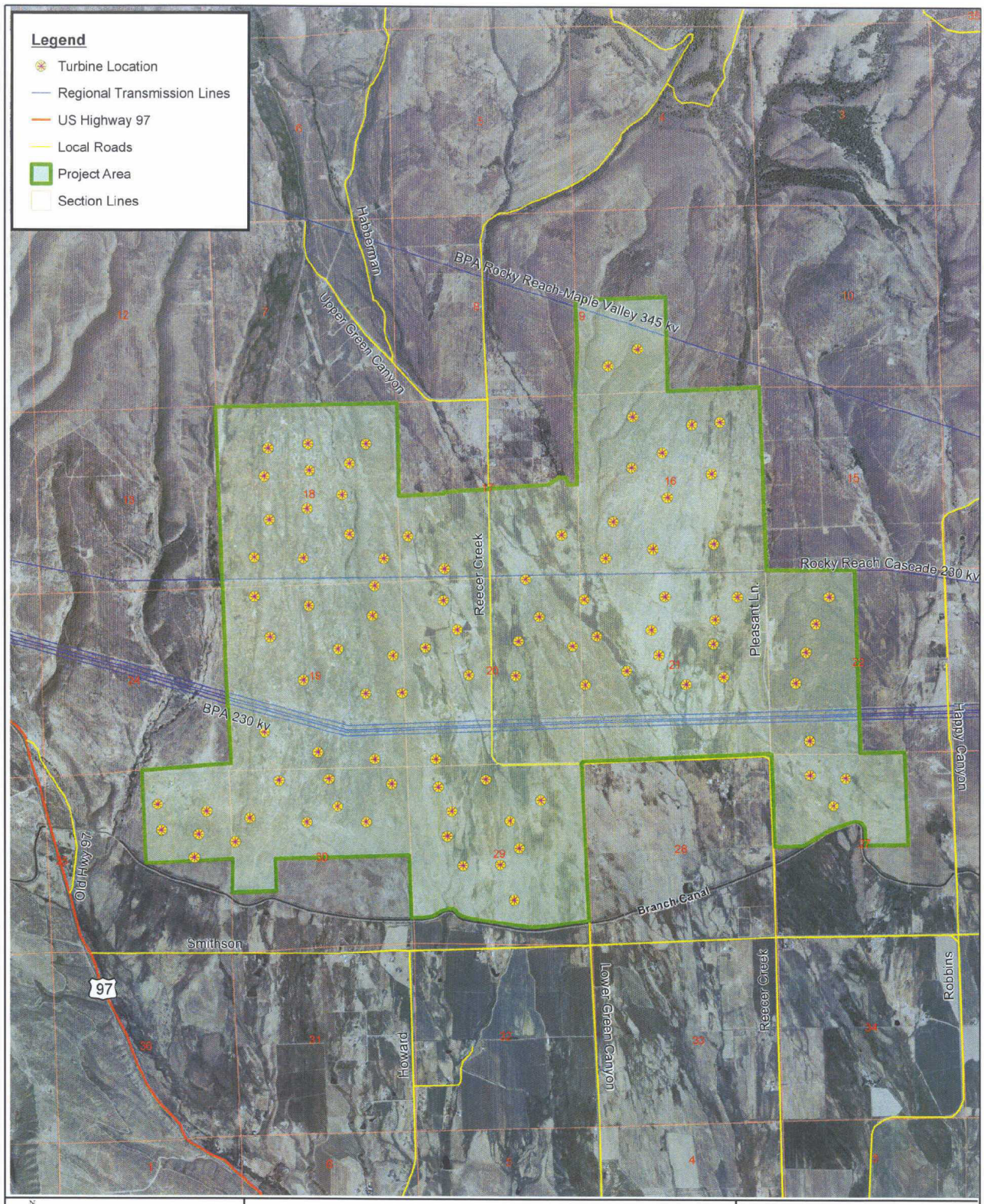
DESERT CLAIM WIND POWER

Kittitas County, Washington

Figure 1
Project Area
Vicintiy Map

Date: 11/7/2008	GIS Analyst: avh
Map Source Information:	

...\desert_claim\turbine_layout_7-24-08\figures\figure 1 project area and vicinity map.mxd



N W E S

0 0.125 0.25 0.5 0.75 1
Miles
Scale 1:48,000

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DESERT CLAIM WIND POWER

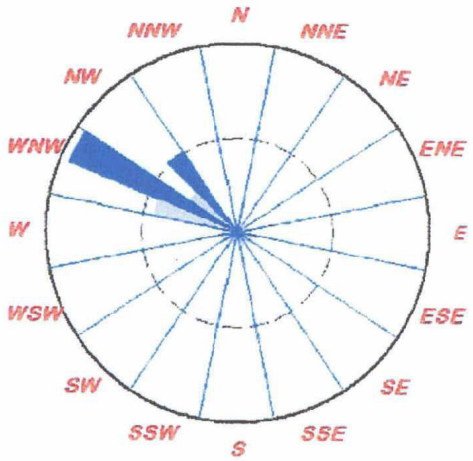
Kittitas County, Washington

Figure 2
Project Area

Date: 11/7/2008	GIS Analyst: avh
Map Source Information: NAIP 2006 Kittitas County	

...\desert_claim\turbine_layout_7-24-08\figures\figure 2 project area with setback_topo.mxd

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%

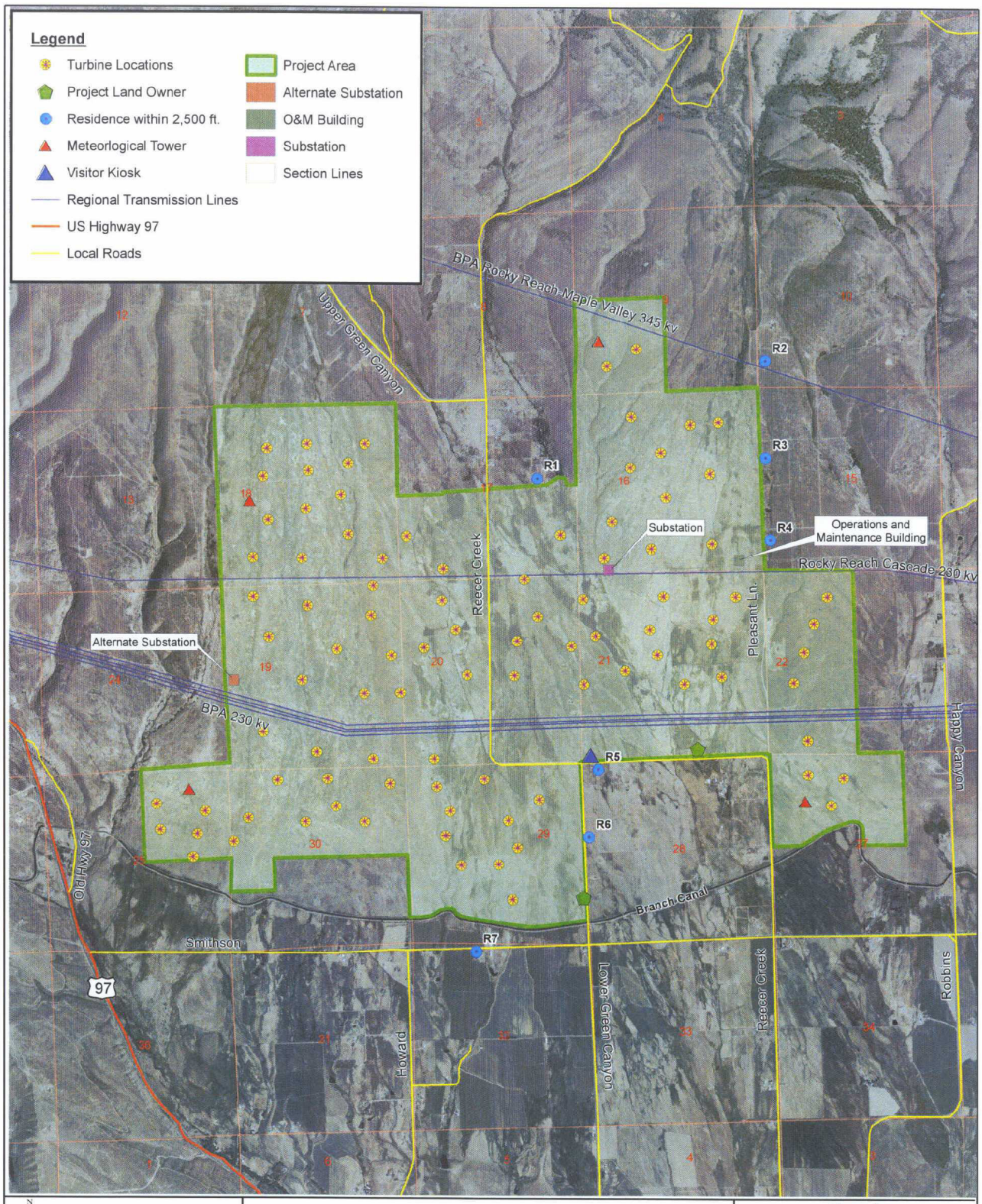
Desert Claim Wind Power
Kittitas County, Washington

DESERT CLAIM WIND POWER

Kittitas County, Washington

Figure 3
WIND ROSE FOR PROJECT AREA

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



0 0.125 0.25 0.5 0.75 1
Miles
Scale 1:48,000

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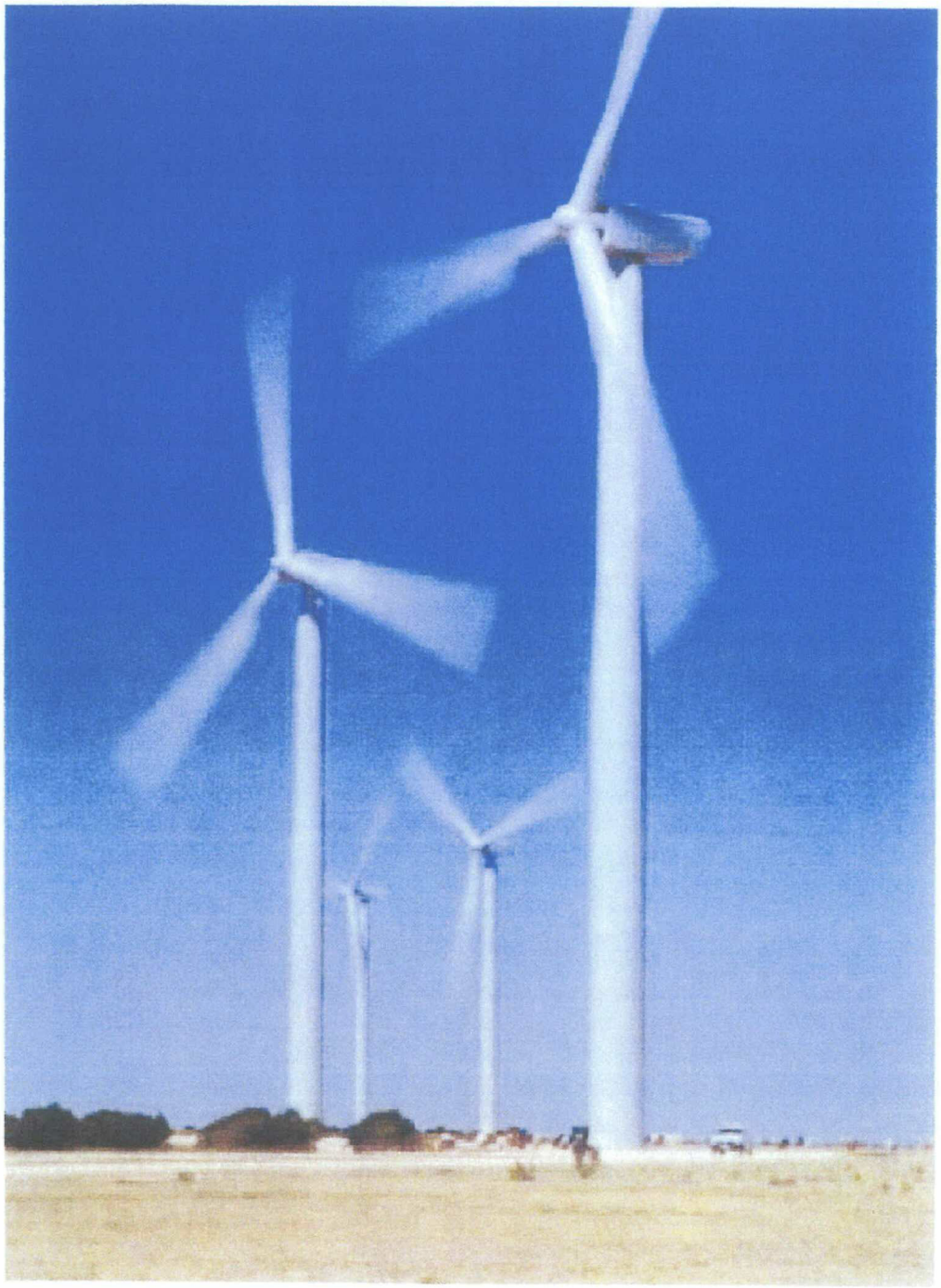
DESERT CLAIM WIND POWER

Kittitas County, Washington

Figure 4
Project Area with Neighboring Residences (less than 2,500 ft. from a turbine)

Date: 11/7/2008	GIS Analyst: avh
Map Source Information: NAIP 2006 Kittitas County	

...\desert_claim\turbine_layout_7-24-08\figures\figure 4 project area with residences.mxd



Desert Claim Wind Power

Kittitas County, Washington

DESERT CLAIM WIND POWER

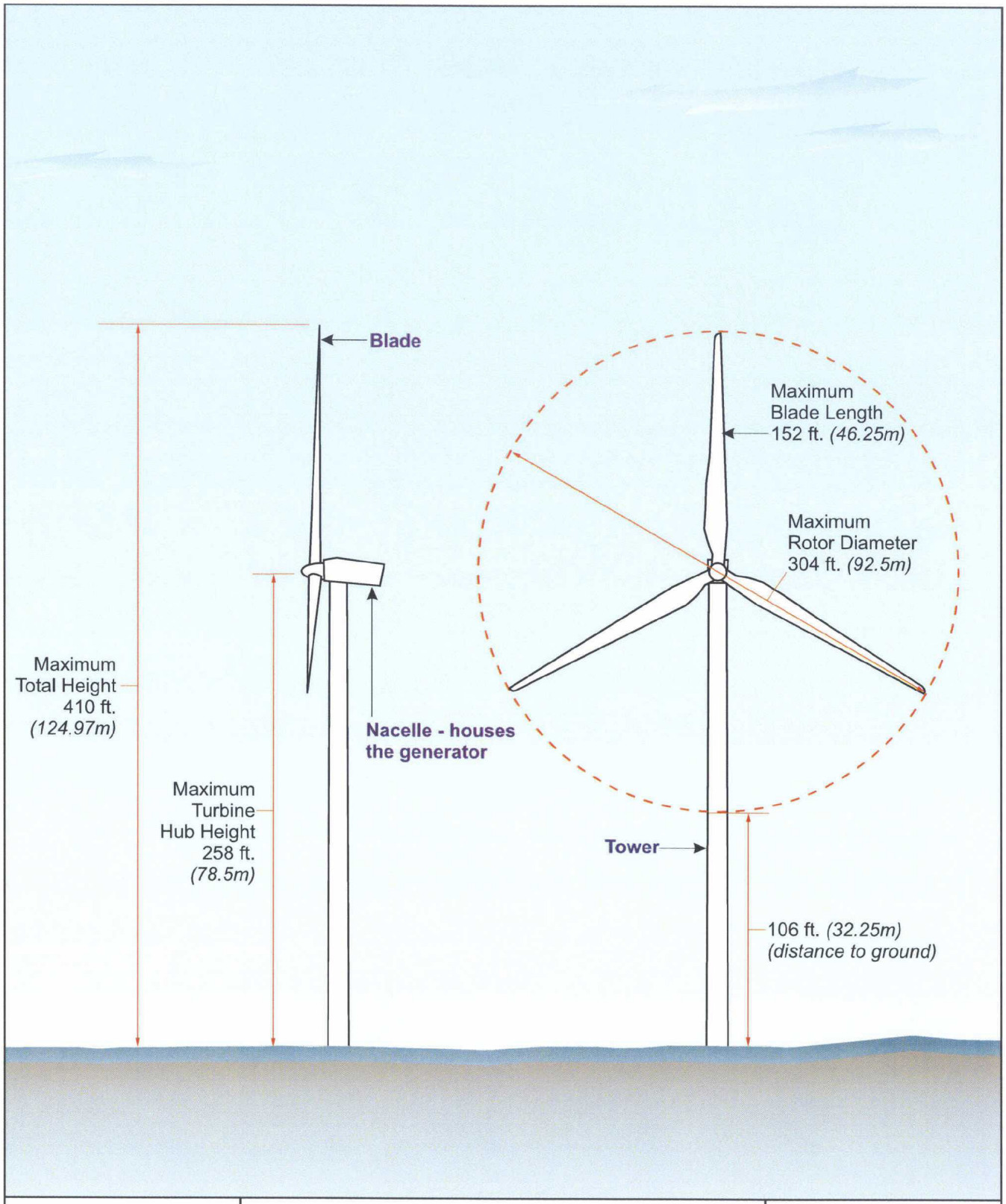
Kittitas County, Washington

Figure 5

TYPICAL WIND TURBINES IN OPERATION

Date: 10/2/2006	GIS Analyst: avh

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



Not to Scale

Desert Claim Wind Power

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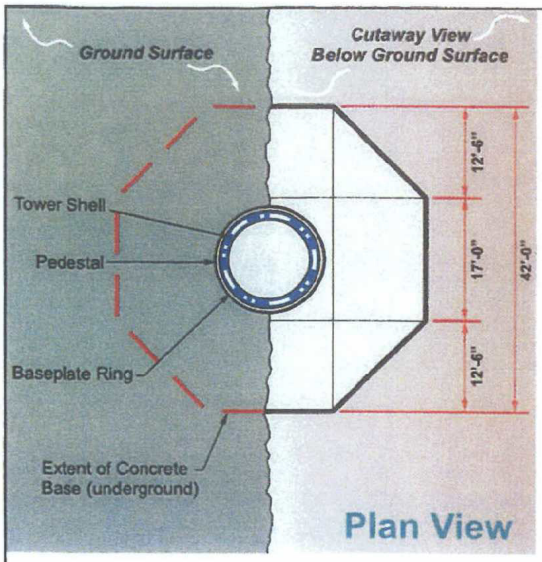
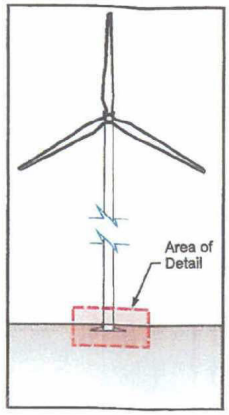
DESERT CLAIM WIND POWER

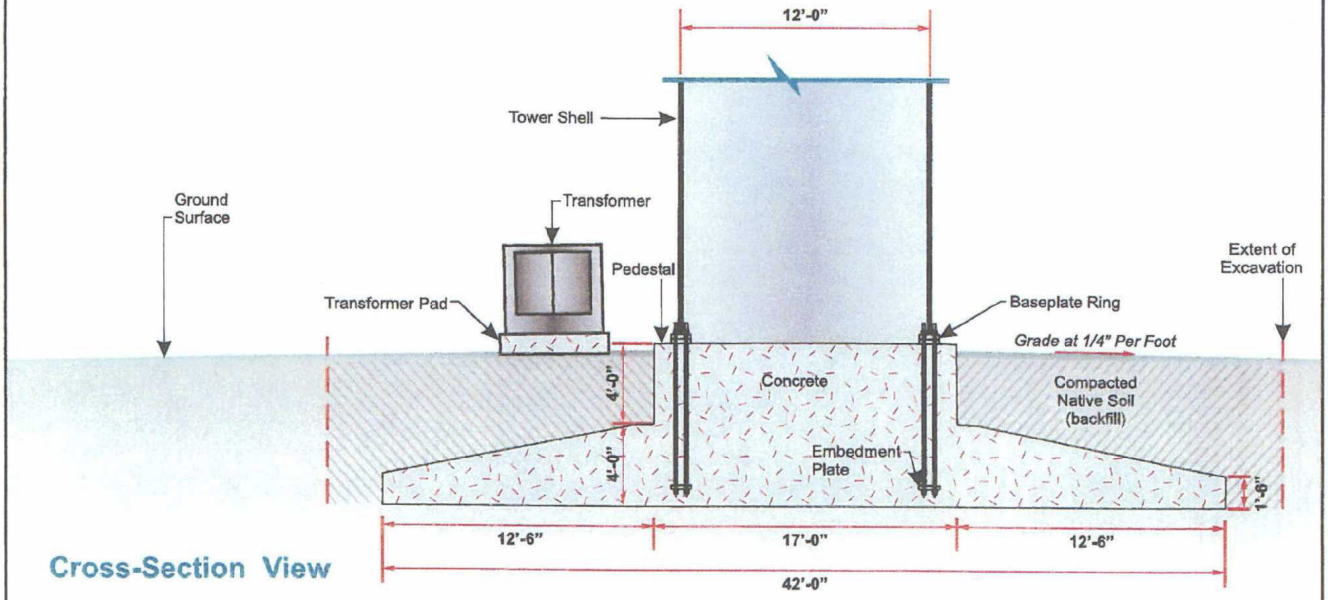
Kittitas County, Washington

Figure 6
DIAGRAM OF PROPOSED WIND TURBINE

Date: 1/8/2009	GIS Analyst:
Map Source Information:	

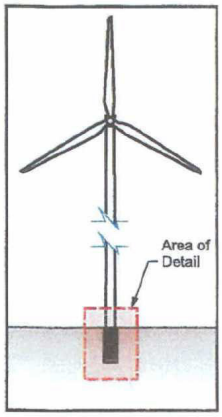


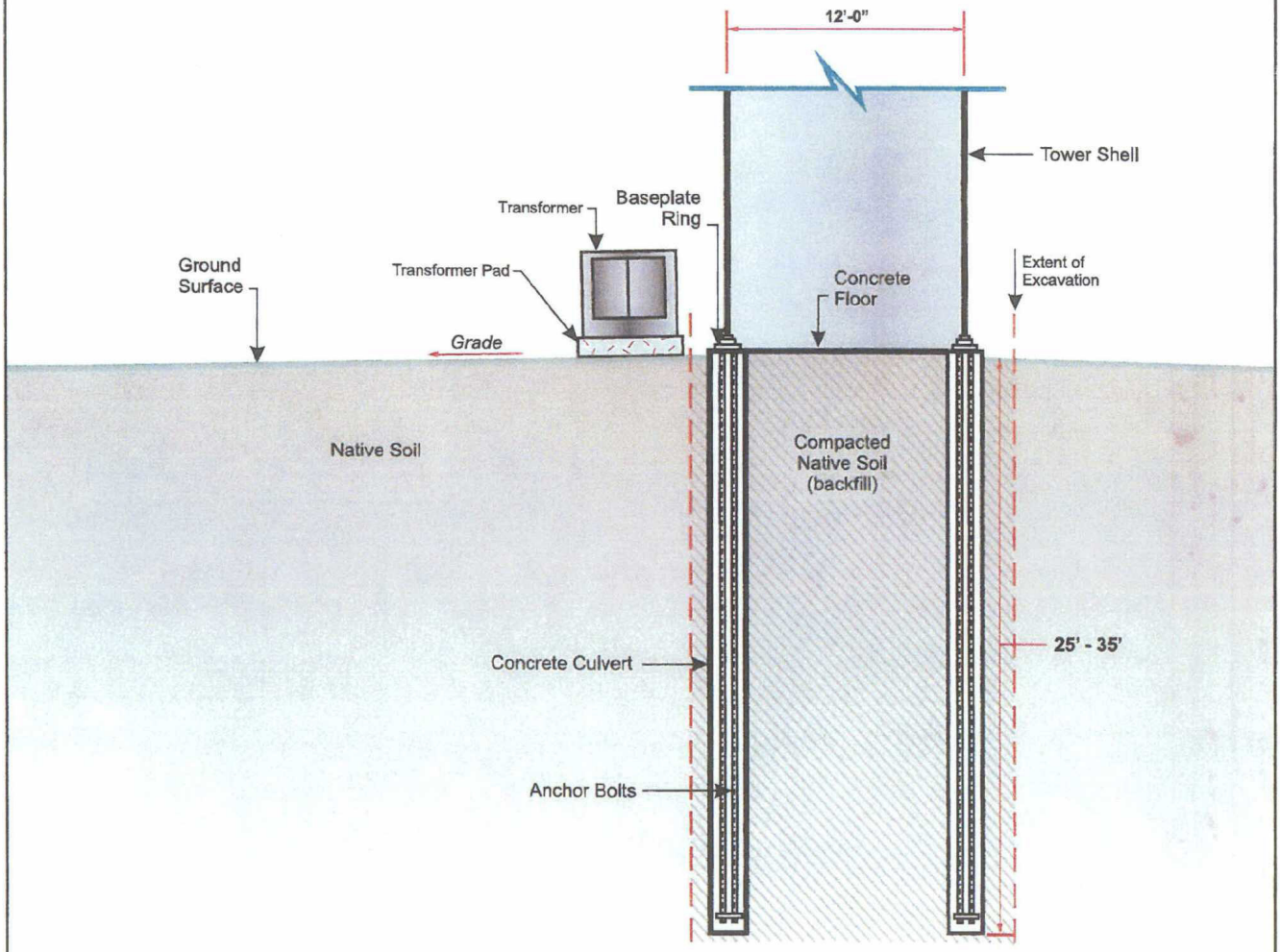




INVERTED T TYPE FOUNDATION

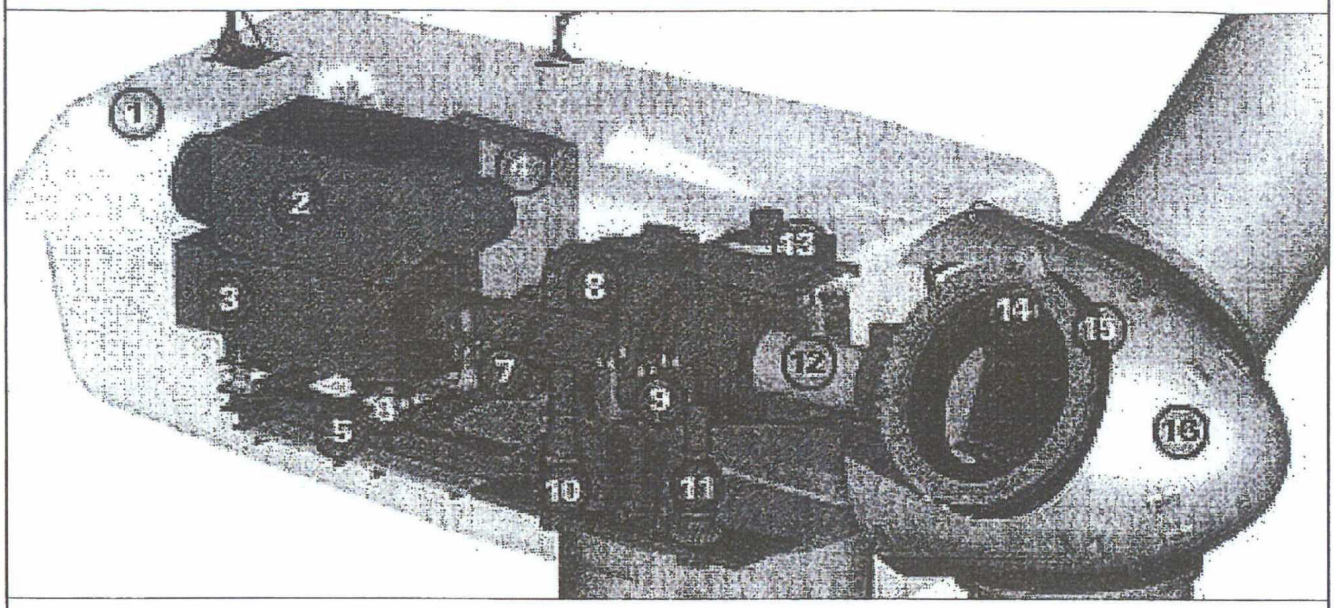
Not to Scale	**DESERT CLAIM WIND POWER**	Figure 7A **TYPICAL TURBINE FOUNDATION - INVERTED T**
Desert Claim Wind Power Kittitas County, Washington	Kittitas County, Washington	Date: 10/19/2006 — GIS Analyst: Map Source Information:





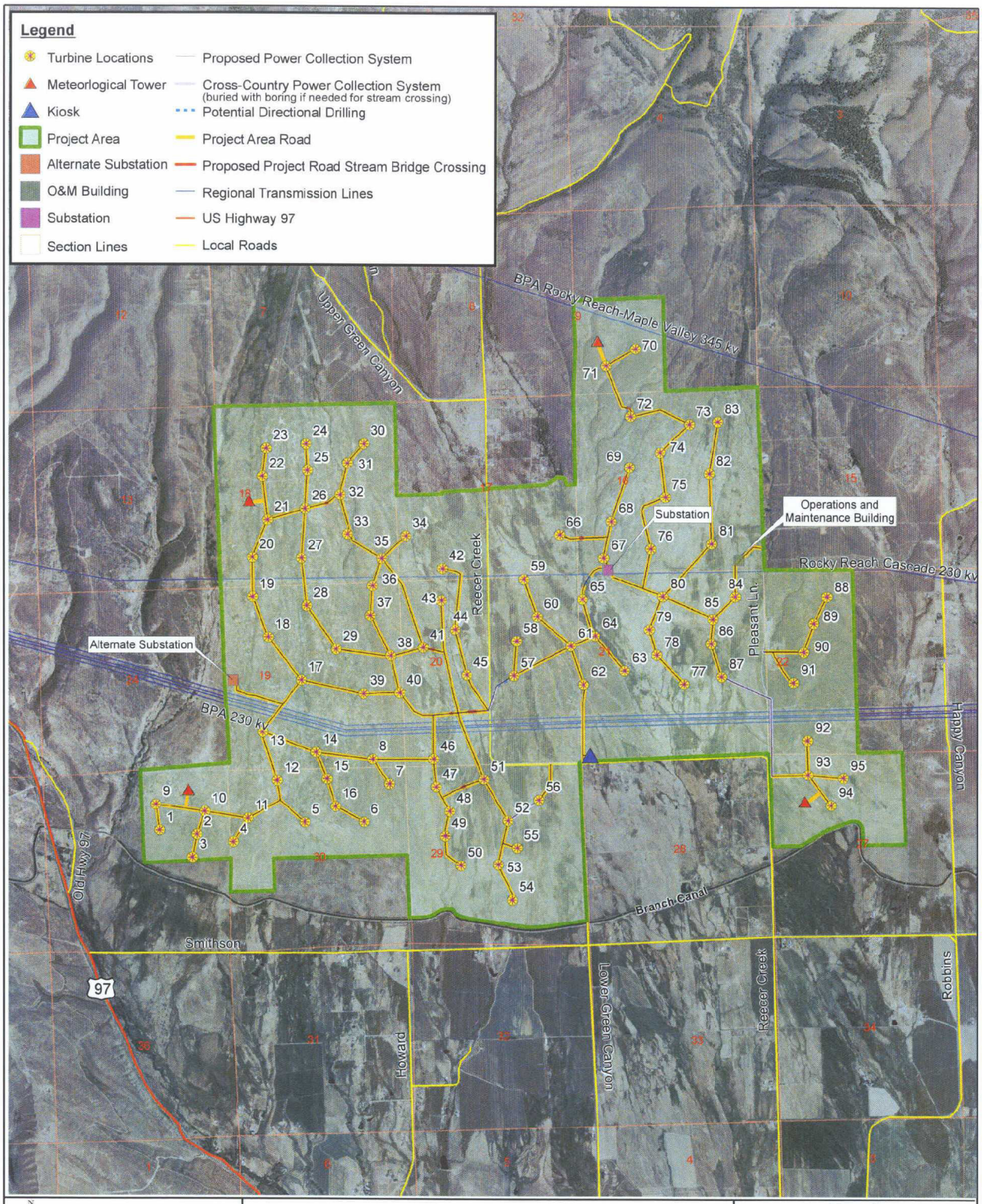
PILE TYPE FOUNDATION

Not to Scale	**DESERT CLAIM WIND POWER**	Figure 7B **TYPICAL TURBINE FOUNDATION - PILE TYPE**
Desert Claim Wind Power Kittitas County, Washington	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 8 **TYPICAL NACELLE CONFIGURATION**
Desert Claim Wind Power Kittitas County, Washington	Kittitas County, Washington	Date: 10/19/2006 | GIS Analyst: Map Source Information:



0 0.125 0.25 0.5 0.75 1
Miles
Scale 1:48,000

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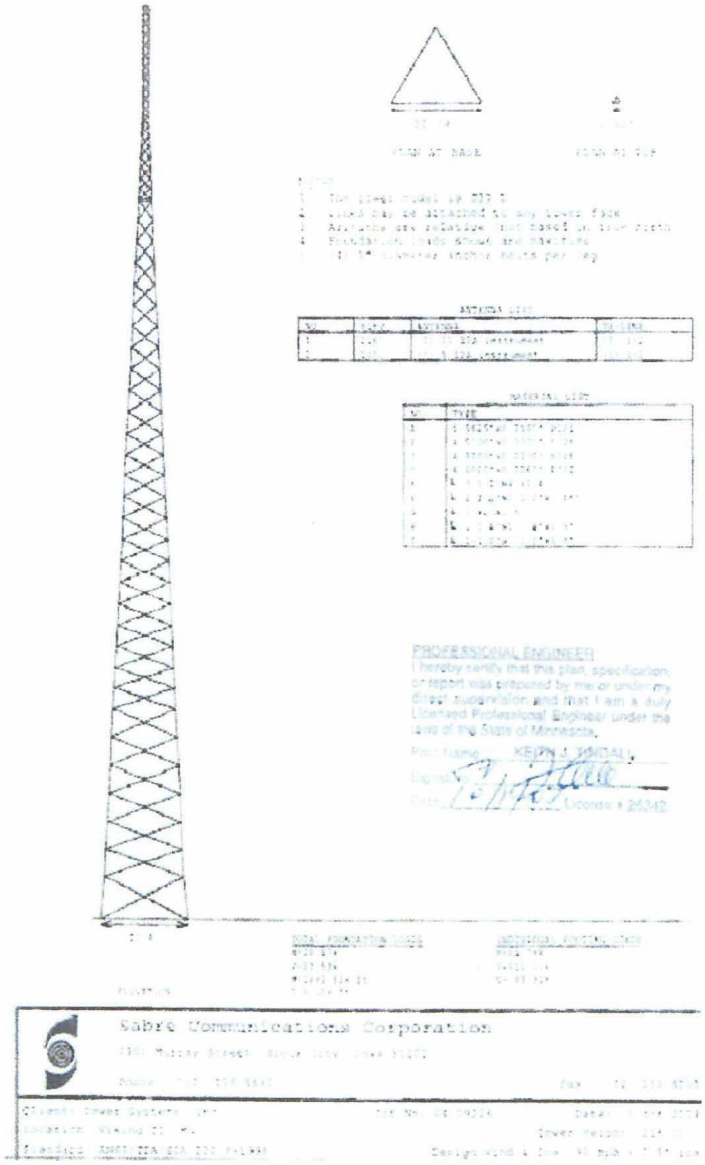
DESERT CLAIM WIND POWER

Kittitas County, Washington

Figure 9
Project Power Collection System

Date: 11/7/2008	GIS Analyst: avh
Map Source Information: NAIP 2006 Kittitas County	

...\desert_claim\turbine_layout_7-24-08\figures\figure 9 project_power_collection_topo.mxd



Desert Claim Wind Power

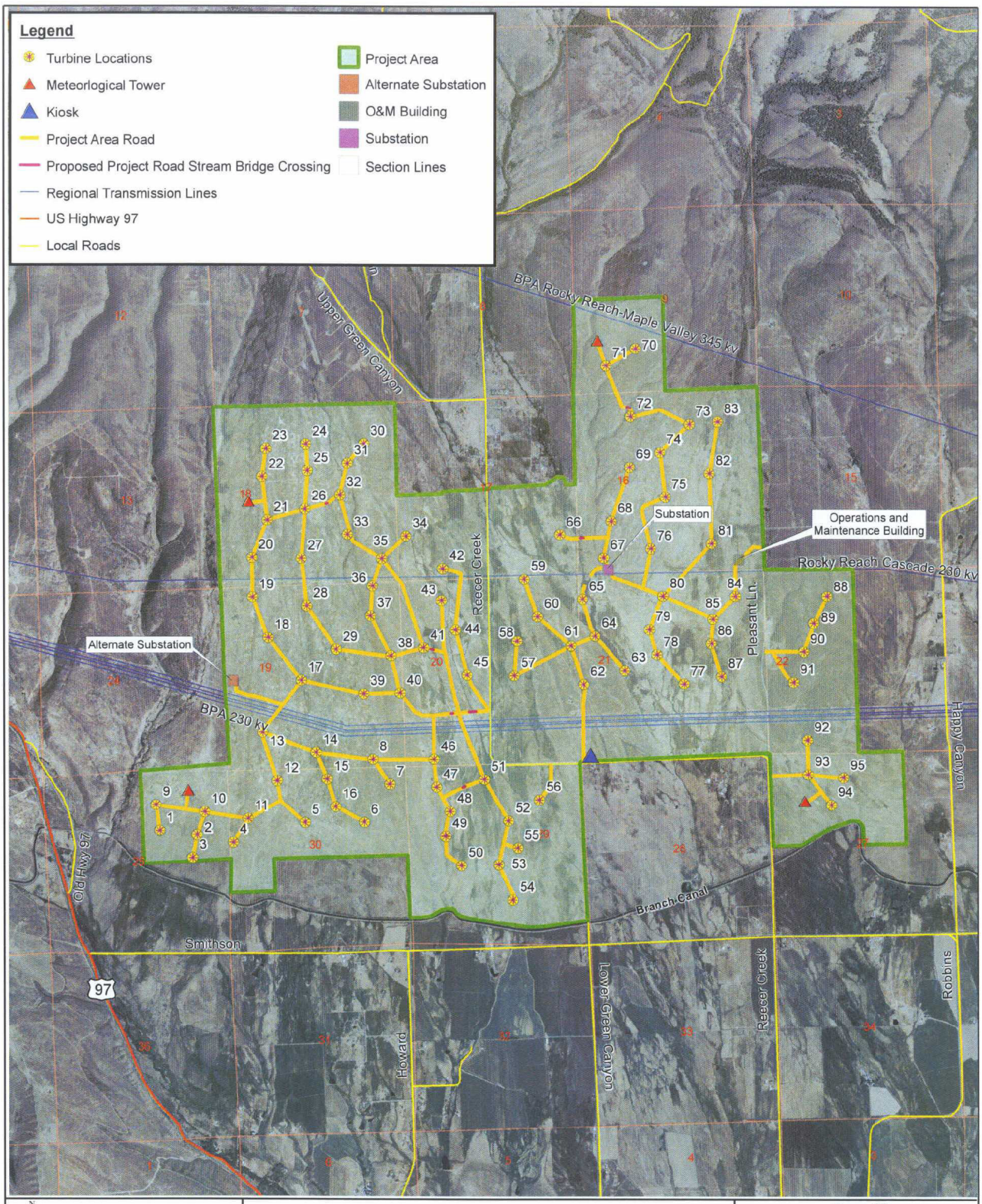
Kittitas County, Washington

DESERT CLAIM WIND POWER

Kittitas County, Washington

Figure 10
TYPICAL PERMANENT MET TOWER

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



N W E S

0 0.125 0.25 0.5 0.75 1
Miles
Scale 1:48,000

Desert Claim Wind Power
a renewable energy project by enXco

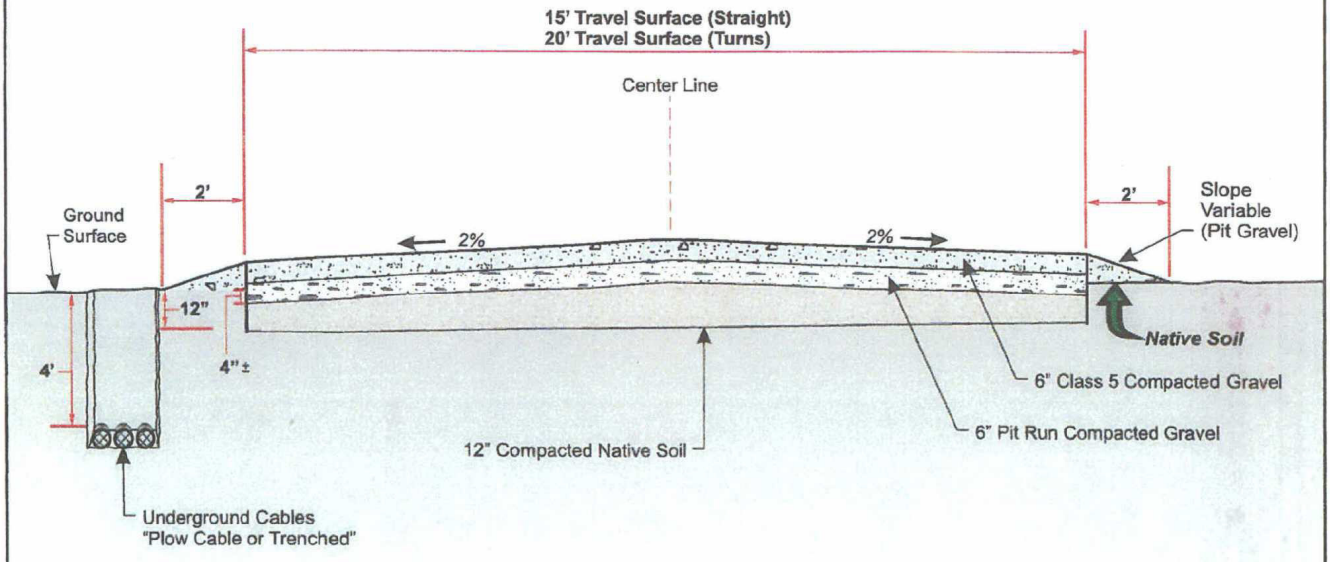
DESERT CLAIM WIND POWER

Kittitas County, Washington

Figure 11
Project Access Road System

Date: 11/7/2008	GIS Analyst: avh
Map Source Information: NAIP 2006 Kittitas County	

...\desert_claim\turbine_layout_7-24-08\figures\figure 11 project_access_roads_topo.mxd



Not to Scale	**DESERT CLAIM WIND POWER**	Figure 12 **TYPICAL ACCESS ROAD CROSS SECTION**
Desert Claim Wind Power Kittitas County, Washington	Kittitas County, Washington	Date: 10/19/2006 | GIS Analyst: Map Source Information: