

Appendix I-1

Visual Resources Analysis

June 15, 2011

Figure 1 Viewshed Line-of-Sight Profile Map identifies the sensitive areas, as described in the Town of Warwick Scoping Document, within a five-mile radius from the proposed project that may be potentially visible. Specifically, these include the blazed trails and park facilities within Sterling Forest State Park. Also identified are those areas listed in the “Inventory of the Aesthetic Resources” in Chapter 13 “Visual Character” of the Draft Environmental Impact Statement (DEIS). These include the National and State Register of Historic Sites, State Parks and Federally Designated Trails: the Village of Tuxedo Park, Long Pond Ironworks and Ringwood Manor, and Harriman State Park.

The project consists of eight new buildings located in the vicinity of the existing buildings formerly owned by International Nickel Company (INCO). This topographic analysis is based on the tallest building within the proposed project (approximate elevation: 755 feet). Locations where a visual field check was performed and photos were taken are marked on Figure 1 Viewshed Line-of-Sight Profile Map. (See the Draft Environmental Impact Statement, Figures 13-23 to 13-28, 13-11 and 13-12.) After an analysis of the topography, a total of ten locations were selected to ascertain the potential visual impact by means of line-of-sight profiles. These areas were chosen since they provide scenic views in the direction of the existing site and/or are at highpoints of the surrounding terrain. Within the Sterling Forest State Park, five sections were provided along the Sterling Ridge Trail, including one at the fire tower (see Figure 2 Viewshed Sections #7, #12, and #8 and Figure 3 Viewshed Sections #10 and #11). Also included are two line-of-sight profiles along the Sterling Ridge Trail as it crosses the New Jersey State border into Long Pond Ironworks State Park (see Figure 4 Viewshed Sections #13 and #14). Finally, three line-of-sight profiles are provided for three locations along the Appalachian Trail (see Figure 5 Viewshed Sections #16 and #17 and Figure 6 Viewshed Section #18).

Our analysis indicates that views of the project, based on topography analysis and a photographic study of the area, were not observable from the Sterling Forest State Park blazed trails, or the Appalachian Trail because of intervening vegetation or terrain. This includes the Visitor’s Center and fire tower. The area within the park with a full view of the project is limited to the Blue Lake basin, namely from the boat launch. None of the remaining sites shown on the map and included in the “Inventory of the Aesthetic Resources” listed in Chapter 13, “Visual Character” of the DEIS were found to be presented with views of the proposed development because of being blocked by the terrain.

Overall, no additional areas are presented with views of the site other than those where the existing site is currently visible. The new buildings, despite covering more land area, constitute minimal additional visual impact to the general area with increased impact limited to the viewshed surrounding Blue Lake.

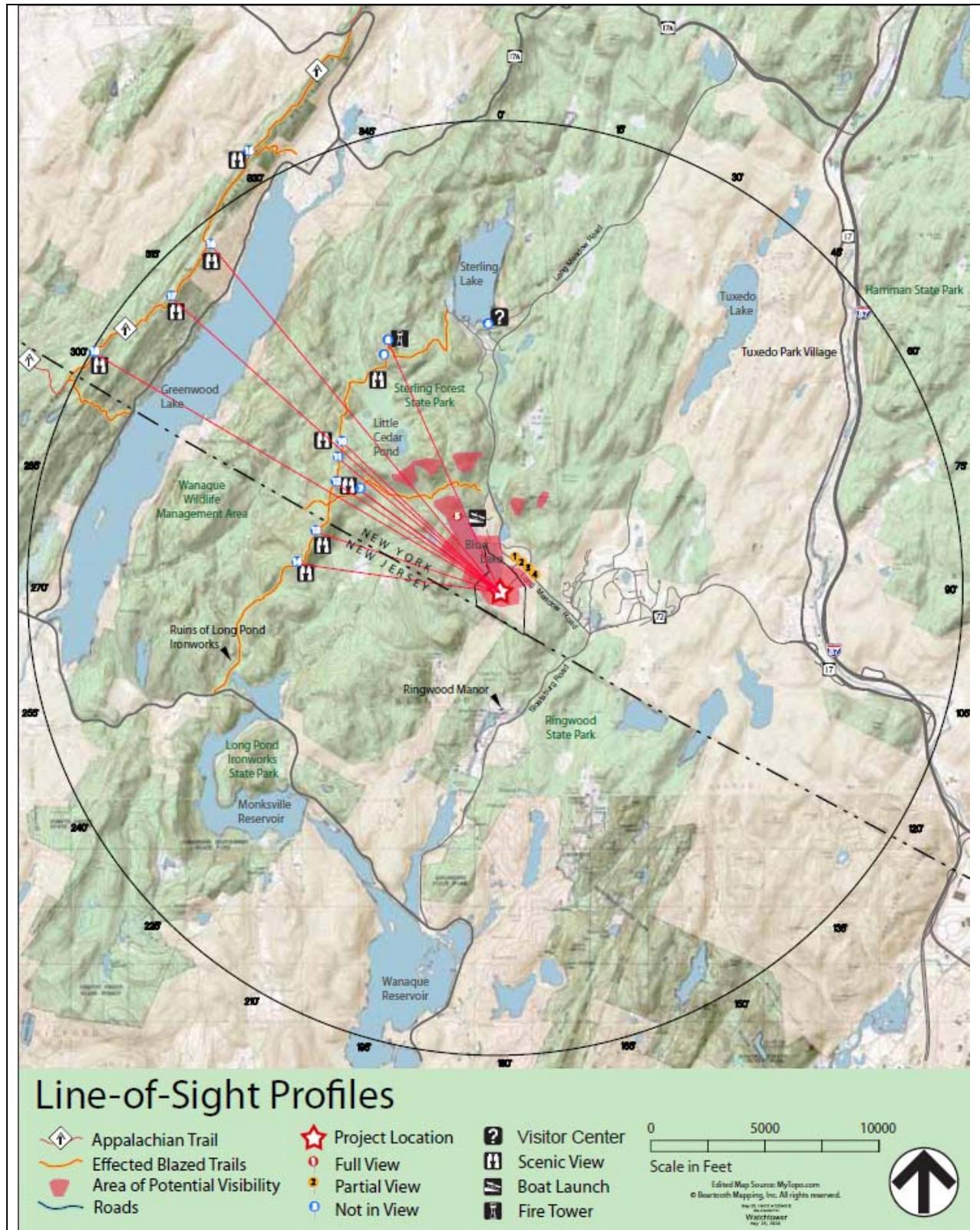


Figure 1 Viewshed Line-of-Sight Profile Map

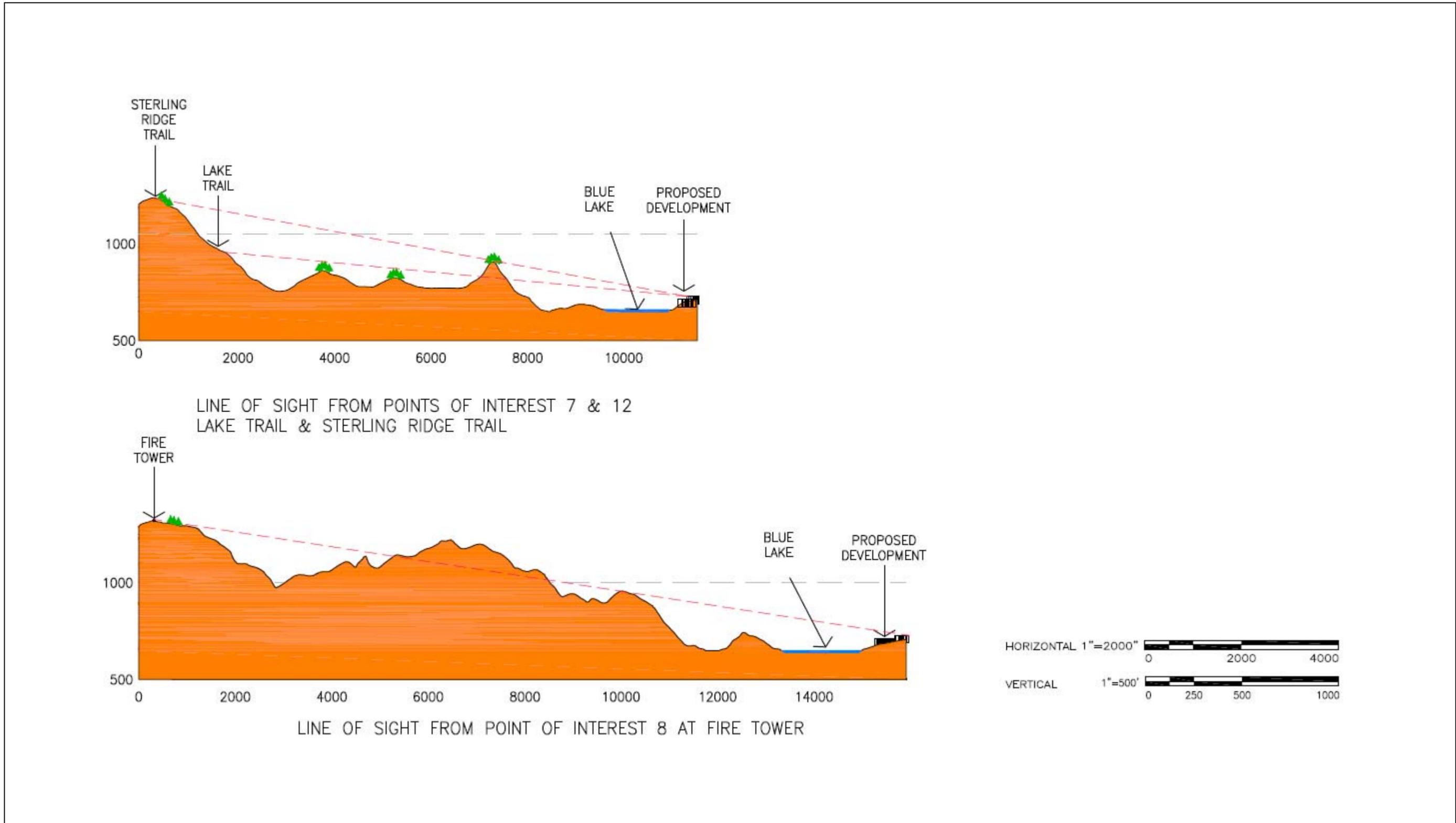


Figure 2 Viewshed Sections #7, #12, and #8

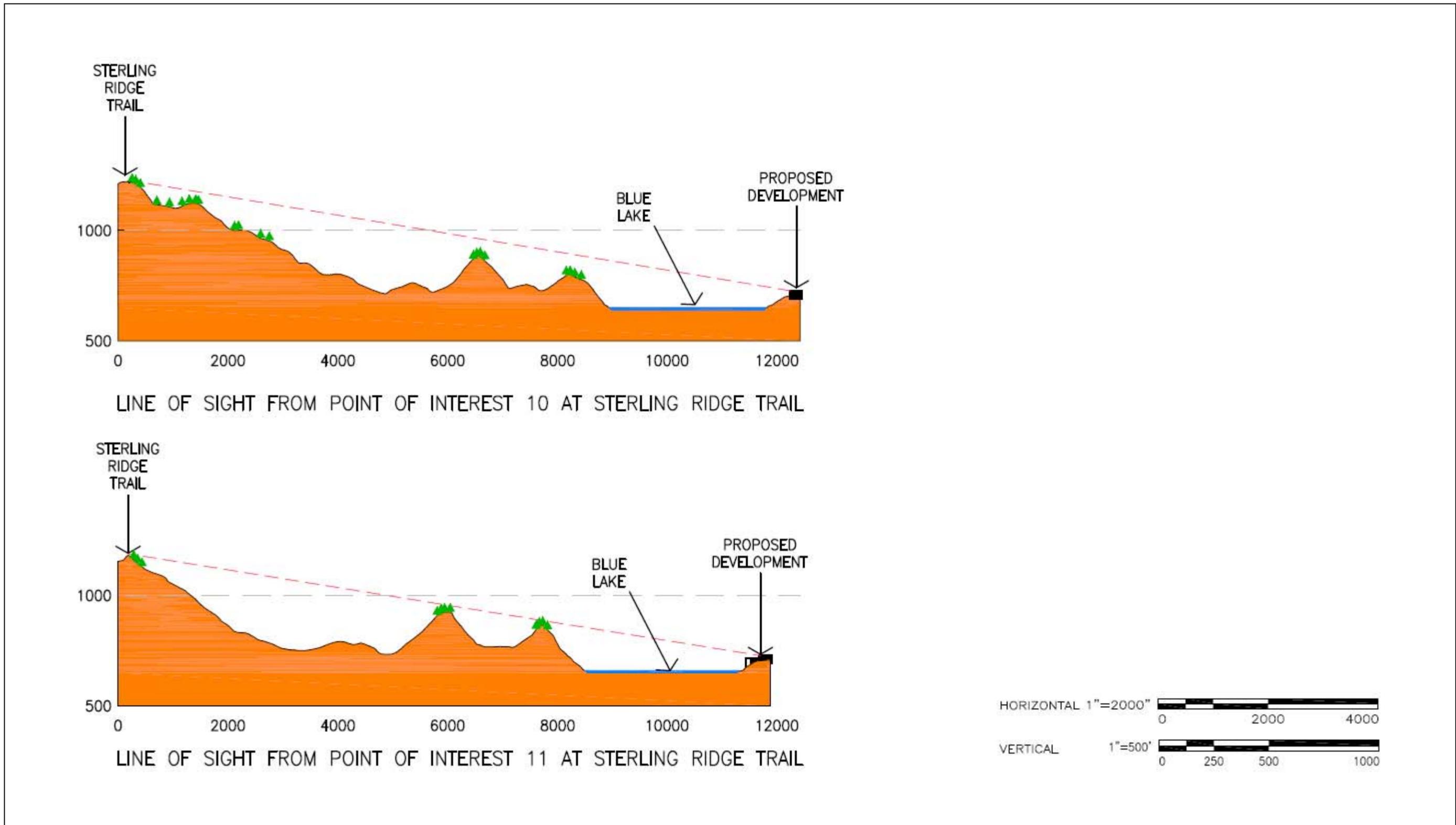


Figure 3 Viewshed Sections #10 and #11

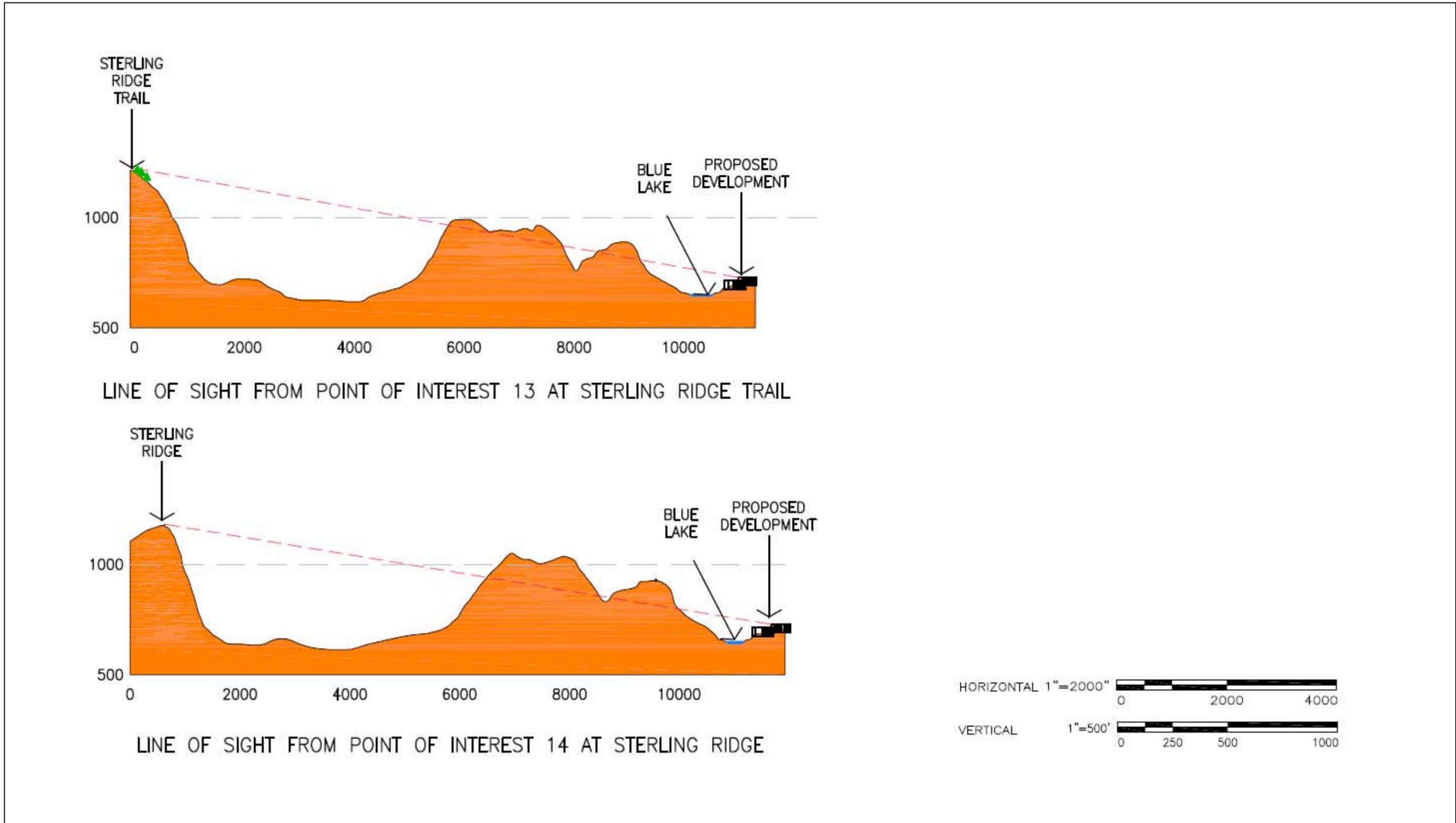


Figure 4 Viewshed Sections #13 and #14

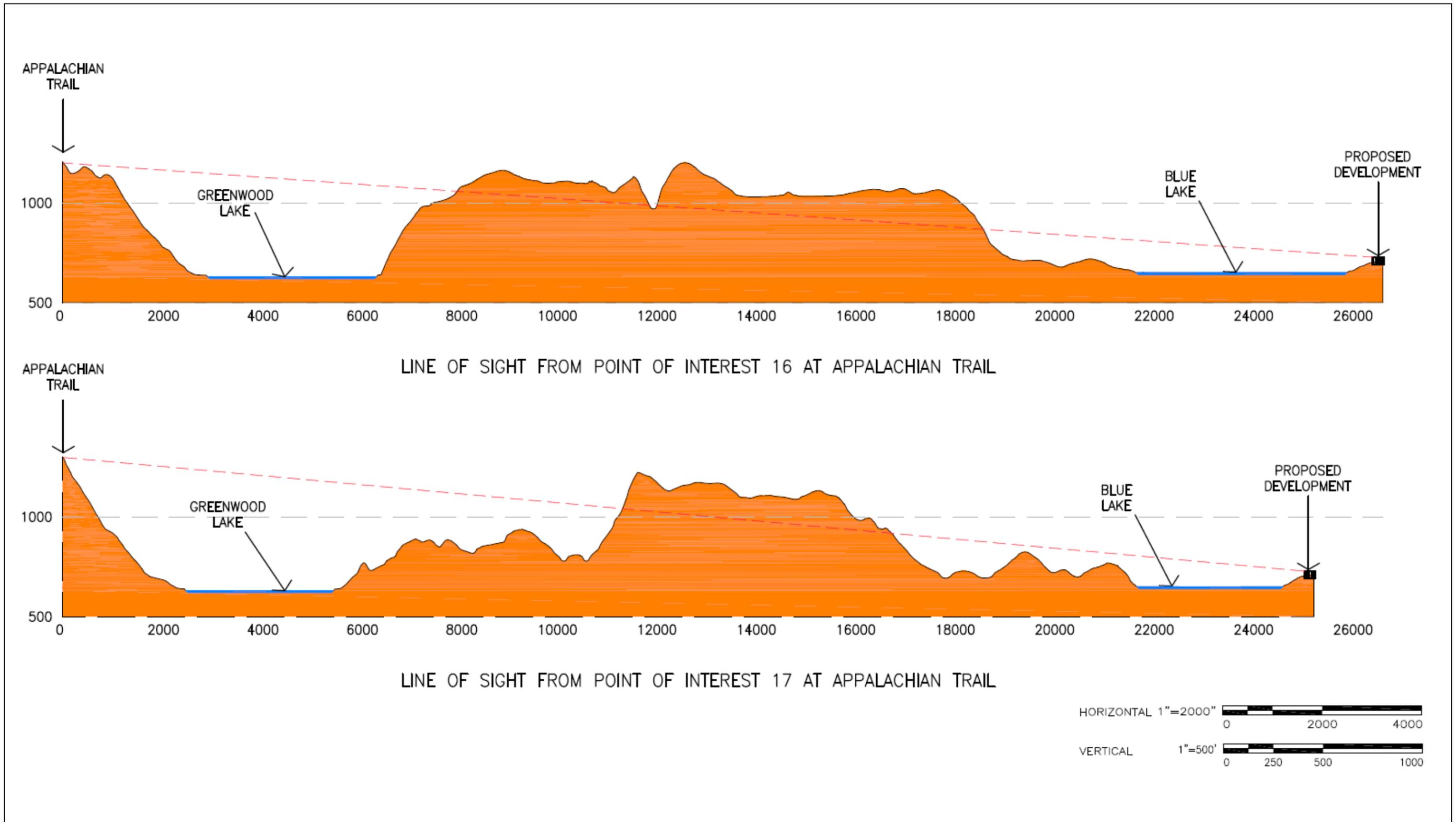


Figure 5 Viewshed Sections #16 and #17

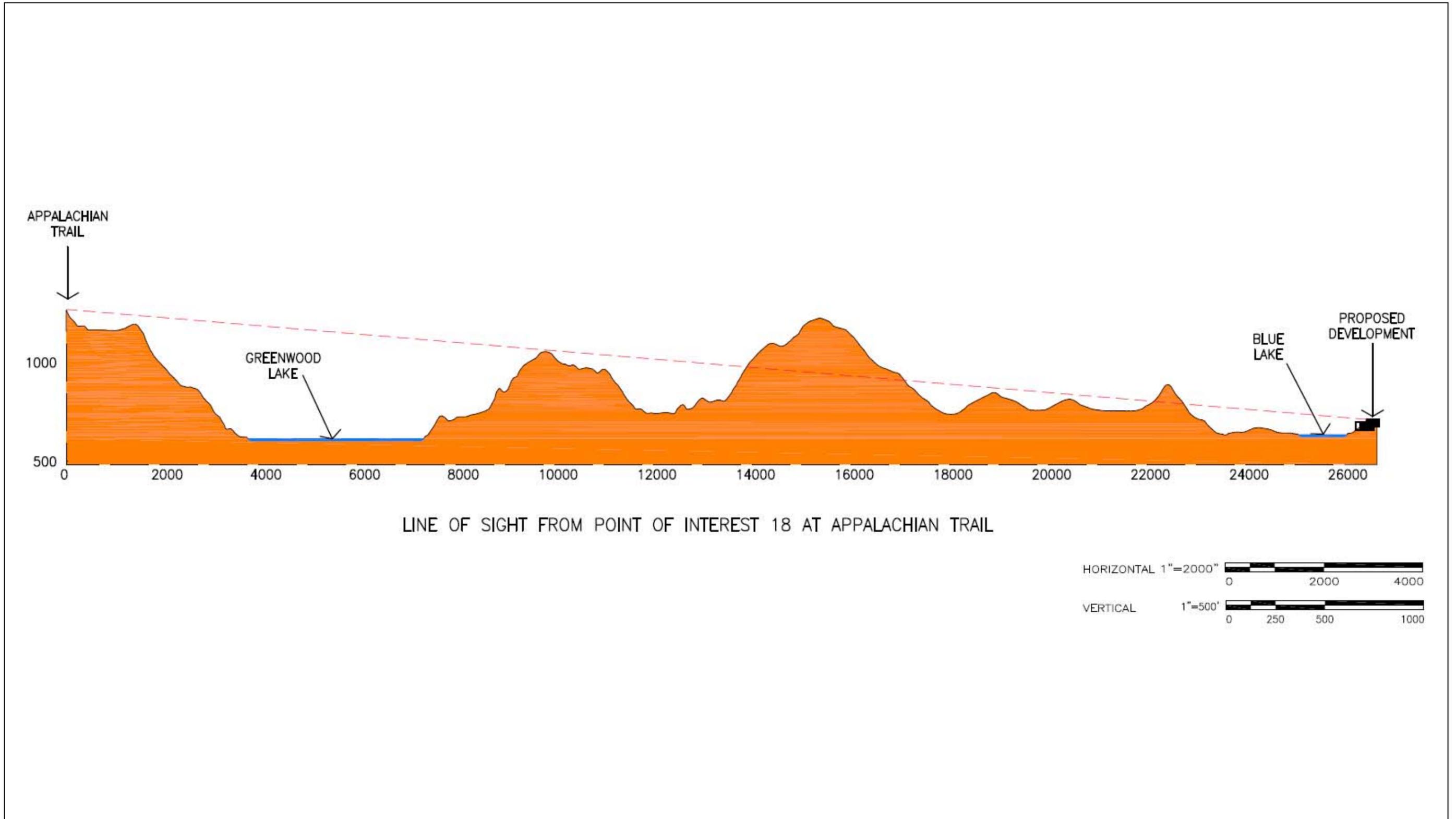


Figure 6 Viewshed Section #18

Appendix I-2

Sterling Forest® State Park
116 Old Forge Road
Tuxedo, NY 10987
Phone: 845-351-5907
Fax: 845-351-5920
Sterling.Info@oprhp.state.ny.us.



March 11, 2010

Mr. Greg Povah
Watchtower Bible & Tract Society of New York, Inc.
25 Columbia Heights
Brooklyn, NY 11201

Dear Mr. Povah:

The following information is in response to your inquiry concerning the annual number of visitors to Sterling Forest State Park:

For the period between April 1, 2008 and March 31, 2009, there were 166,819 visitors to Sterling Forest State Park.

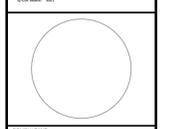
Attendance for the period April 1, 2009 and March 8, 2010 was 164,662. I estimate the number of visitors for the period between April 1, 2009 and March 31, 2010, will be between 170,000 and 180,000.

Sincerely,

A handwritten signature in cursive script that reads "James R. Gell".

James R. Gell
Park Manager

Appendix I-3



CONSULTANT:

LUMINAIRE SCHEDULE					
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS/LAMP	DESCRIPTION
	12	YY2	SINGLE	99000	(1000W MH)
	1	YY4	BACK-BACK	99000	(1000W MH)
	21	WL	SINGLE	6400	(70W HPS)
	19	U2	SINGLE	6400	(70W HPS)
	6	Z	SINGLE	8100	(100W HPS)
	5	YY5	SINGLE	16000	(150W HPS)
	15	YY1	SINGLE	9500	(100W HPS)
	2	YY3	BACK-BACK	9500	(100W HPS)

CALCULATION SUMMARY				
LABEL	AVG FC	MAX FC	MIN FC	
ATHLETIC AREAS	19	41	7.87	
PARKING AREAS	0.40	20	0.0	
MAIN ENTRY ACCESS ROADWAY	0.66	7.85	0.0	
RESIDENTIAL ACCESS ROADWAY	0.45	19	0.0	
PEDESTRIAN WALKWAY	0.63	6.23	0.01	

POLE SCHEDULE
 (17) PS4S25S1BZ (25' X 4" SQUARE STEEL POLE)
 (1) PS4S25S2BZ (25' X 4" SQUARE STEEL POLE)
 (15) PS4S12C1BZ (12' X 4" SQUARE STEEL POLE)
 (2) PS4S12C2BZ (12' X 4" SQUARE STEEL POLE)
 PROPOSED POLES MEET 120 MPH SUSTAINED WINDS.



Appendix I-4

Town of Warwick Ridgeline Overlay District Color Guide

BG ## / ##
= Percentage Light
Reflective (Must Be 0-60)

10YR 17/184	30YR 18/212	50YR 18/223	70YR 18/184	90YR 25/323	10YY 26/321	30YY 20/193
10YR 30/133	30YR 31/154	50YR 31/160	70YR 31/135	90YR 38/238	10YY 44/215	30YY 33/145
10YR 49/082	30YR 49/097	50YR 49/098	70YR 50/086	90YR 48/183	10YY 55/163	30YY 51/098
30YY 23/246	30YY 23/246	50YY 23/309	50YY 23/309	90YY 22/200	30GY 23/232	10GY 24/356
30YY36/185	30YY 36/185	50YY 34/250	50YY 34/250	90YY 35/169	30GY 31/202	10GY 40/296
45YY 53/151	45YY 53/151	50YY 49/191	50YY 49/191	90YY 52/138	30GY 41/173	10GY 54/238
70GY 14/187	90GY 16/151	10GG 15/261	50GY 15/289	70GY 11/300	90GG 12/206	30BG 14/248
70GY 27/154	90GY 29/121	10GG 33/166	50GY 44/248	70GY 30/254	90GG 30/195	30BG 33/207
70GY 46/120	90GY 46/061	10GG 45/139	50GY 55/207	70GY 49/201	90GG 57/146	30BG 57/149
90GG 19/151	70GG 18/122	50BG 19/144	30BG 16/133	30BB 17/158	30BB 17/158	90BG 17/090
90GG 28/133	70GG 27/105	50BG 32/114	30BG 23/124	30BB 32/115	30BB 32/115	90BG 30/073
90GG 40/115	70GG 39/088	50BG 44/094	30BG 37/110	30BB 46/086	30BB 46/086	90BG 35/068
	90BG 17/090		30BB 16/031		30BB 16/031	
	90BG 30/073		30BB 31/022		30BB 31/022	
	90BG 35/068		00NN 45/000		00NN 45/000	

