

Date: February 16, 2011  
MUP # P08-017  
Spirit of Joy Lutheran Church  
Visual Resources Study

### Photo Simulation Report

Three images were generated from points identified by staff. Those points are delineated in the Scoping Letter, Dated May 22, 2008, Attachment C 'Visual Resources Analysis'.

The location of the points was verified in the following manner:

The project drawings are being generated in ArchiCAD, a 3-D modeling software with the capability of establishing orientation and dimension accuracy. The civil engineering drawing produced by Snipes-Dye Associates was imported, and the buildings and site elements oriented to that. The points for visual study were then located on the site plan.

Distances to known elements were noted, and those points were then transferred to the view of the area in Google Earth. Coordinates were then obtained from the locations in Google Earth. Those coordinates were imported into a Magellan GPS unit.

On-site, the GPS unit was used to locate each point. A tripod was set with a Cannon Rebel XSi fitted with a 50mm lens. The eye level was set at 5'6" above the viewpoint. Photos of each location were taken, and imported into ArchiCAD.

Known elements such as telephone poles and Ramona Welcome Monument were added to the 3D model, and used for verification of the location of the buildings relative to the photo. The photo was imported as a background to the 3D building model. Images were taken of the building model at the selected points, and photoprojections were generated from those views using the 'Lightwave' modeling engine, at the highest resolution possible. The sun angle and intensity is set for July 4 at 12:00 noon. Existing roadway signs and street elements were left in place.

The Photo Simulations are provided on the following pages, with narrative for each as follows:

#### Viewpoint #1 – View from the southwest

As the primary vista as one enters Ramona from the south, it is important that the building fit into the existing corner design. Dominated by the Ramona Welcome Monument, the building sets back sufficiently (approximately 135 feet) so as to provide a comfortable distance and ground around the monument to preserve the community focus of the monument. In addition, the church monument signs are placed in such a way as to, again, not detract from the welcome monument, being on either side, farther away, and shorter. (In the views of this study the monuments are not actually very visible, as they are located to be visible primarily from the intersection.) Walls flank the sanctuary building, enclosing the more private gardens of the church and connect the outer-lying

buildings to the sanctuary. The existing oak trees will remain, and be supplemented by additional trees to soften the transition from the building to the roadways. The remaining landscaping concept is designed to be as sustainable as possible, to fit within the concept of the site and its surroundings. Trees show a mid-mature condition, or what is expected at the end of construction or within a couple of years thereafter, depending on the plant materials available and planted. For reference, the cross atop the bell tower is 808 feet from the viewpoint.

#### Viewpoint #2 – View from the northeast

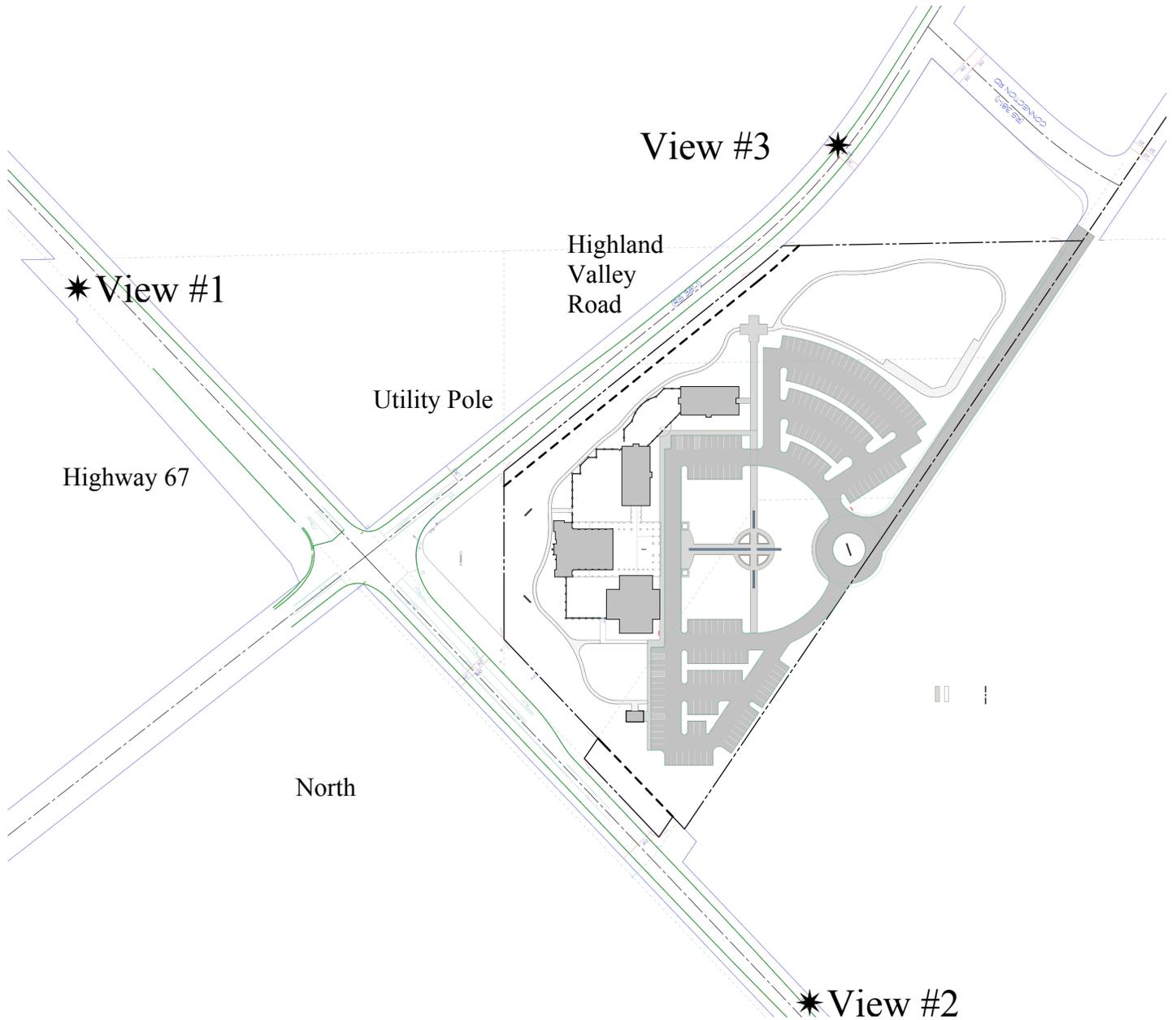
This view of the church has the hills beyond as a backdrop, and is lower than the grade of the roadway coming toward the intersection. From this distance one sees primarily the roof forms, which mimic the distant hills in their massing. As one approaches the intersection, existing dense trees along Highway 67 obscure views of the buildings. This perspective was taken at a height of 5'-6" above the ground. The view of a person in a vehicle is approximately between 4 feet for a sedan and 5 feet 6 inches above ground for an SUV. At the lower viewing heights, the berm and grasses along the roadway mostly obscure the buildings, hence the higher photo elevation. For reference, the cross atop the bell tower is 791 feet from the viewpoint.

#### Viewpoint #3 – View from the northwest

In this view the dense tree growth seen in the distance is brought along the church edge to continue that theme. The two administration buildings and the children's play yard are adjacent to Highland Valley Road, and being the smaller structures of the complex, provide appropriate scale, and not being parallel to the roadway, create an interesting changing vista and space from the roadway edge. This is important for, and will be enhanced by, the proposed public path along the Highland Valley Road Right-of-way. For reference, the cross atop the bell tower is 702 feet from the viewpoint.

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Viewpoint Map





Viewpoint #1 - View From Southwest



Viewpoint #2 - View From Northeast



Viewpoint #3 - View From Northwest