



**EL DORADO COUNTY PLANNING SERVICES  
2850 FAIRLANE COURT  
PLACERVILLE, CA 95667  
ENVIRONMENTAL CHECKLIST FORM  
AND DISCUSSION OF IMPACTS**

**Project Title:** S09-0014/Greenwood Kingdom Hall

**Lead Agency Name and Address:** El Dorado County, 2850 Fairlane Court, Placerville, CA 95667

**Contact Person:** Gina Paolini, Senior Planner

**Phone Number:** (530) 621-5355

**Project Owner's Name and Address:** Congregation of Jehovah's Witnesses, Georgetown, 2421 Cascade Trail, Cool, CA 95614

**Project Location:** On the west side of Greenwood Road 500 feet northwest of the intersection with Ricci Road in the Greenwood area, Supervisorial District IV.

**Assessors Parcel No.:** 074-173-03, -06 and -12

**Parcel Size(s):** 2.44 acres

**Zoning:** One Acre Residential (R1A)

**Section:** 7 **T:** 12N

**R:** 10E

**General Plan Designation:** Medium-Density Residential (MDR)

**Description of Project: Project Description:** The project request is for a Special Use Permit. Discussed below are important project characteristics.

Special Use Permit:

**Proposed Use**

The project includes a request for a 4,540 square foot religious facility with a 600 square foot covered drop-off area. Parking would be provided for up to 66 vehicles. Outdoor lighting and landscaping to be provided within the parking areas. The facility would be utilized on Thursday evenings from 7:00PM to 9:00PM and Sunday from 10:00AM to 12:00PM. Additional meetings would be held during the weekdays Monday through Saturday beginning at 9:00AM.

**Signage**

The project includes a request for a 40 square foot monument sign identifying the Kingdom Hall facility. The sign would be approximately 5 feet in height and 8 feet in width. The base of the sign would be faux stone to match the building. The sign panel would be sheet metal with stucco tex-coating with the color to match the building. The lettering would be acrylic.

**Surrounding Land Uses and Setting:**

	<u>Zoning</u>	<u>General Plan</u>	<u>Land Use</u> (e.g., Single Family Residences, Grazing, Park, School)
Site	R1A	MDR	Undeveloped
North:	R1A	HDR	Single Family Residence/State Hwy 193
East:	I	PF	Undeveloped/Ricci Road
South:	I	PF	Daycare
West:	C	C	Single Family Residence/Greenwood Road

Briefly Describe the environmental setting: The 2.44 acre site is located in the Greenwood Rural Center, at an approximate elevation of 1,615 feet above mean sea level. The site gently slopes to the north. Soils on the site are classified as Mariposa gravelly silt loam, 3 to 30 percent slopes (MaD). The site is primarily grass land, with a few cedars along the northern edge of the property.

**Other public agencies whose approval is required (e.g., permits, financing approval, or participation**

# EXHIBIT N

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporation	Less Than Significant Impact	No Impact
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- agreement.):**
1. El Dorado County Department of Transportation: Grading permit.
  2. El Dorado County Air Quality Management District requires an approved Asbestos Dust Mitigation Plan for grading.
  3. County Surveyor Office
  4. Department of Forestry and Fire Protection (Cal Fire) for a fire safe plan.

**ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED**

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

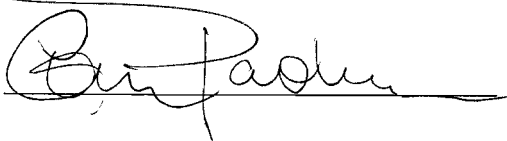
Aesthetics		Agriculture Resources		Air Quality
Biological Resources		Cultural Resources		Geology / Soils
Hazards & Hazardous Materials		Hydrology / Water Quality		Land Use / Planning
Mineral Resources	X	Noise		Population / Housing
Public Services		Recreation		Transportation/Traffic
Utilities / Service Systems		Mandatory Findings of Significance		

**DETERMINATION**


**On the basis of this initial evaluation:**

- I find that the proposed project **COULD NOT** have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A **MITIGATED NEGATIVE DECLARATION** will be prepared.
- I find that the proposed project **MAY** have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.
- I find that the proposed project **MAY** have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect: 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards; and 2) has been addressed by mitigation measures based on the earlier analysis as described in attached sheets. An **ENVIRONMENTAL IMPACT REPORT** is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects: a) have been analyzed adequately in an earlier EIR or **NEGATIVE DECLARATION**, pursuant to applicable standards; and b) have been avoided or mitigated pursuant to that earlier EIR or **NEGATIVE DECLARATION**, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporation	Less Than Significant Impact	No Impact
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Signature:  Date: Feb 23, 2010

Printed Name: Gina Paolini For: El Dorado County

Signature:  Date: 2-24-10

Printed Name: Pierre Rivas For: El Dorado County

## PROJECT DISCRPTION

### Introduction

This Initial Study has been prepared in accordance with the California Environmental Quality Act (CEQA) to evaluate the potential environmental impacts resulting from the proposed project. The project would allow the development of a 4,540 square foot religious facility on a 2.44-acre site.

### Project Location and Surrounding Land Uses

### Project Characteristics

The project site would be accessed by Greenwood Road, a County maintained roadways.

#### 1. Transportation/Circulation/Parking

The access to the project site would be from Greenwood Road, a County maintained road. The project would provide one point of access into the development. The Department of Transportation would require an encroachment permit for the private driveway onto Greenwood Road. Section 17.18.060 of the County Code requires 1 parking space for every 4 seats within the main auditorium of churches or other places of public assembly. The facility would have 168 seats; therefore, 42 parking spaces would be required. The project proposes 66 parking stalls.

#### 2. Utilities and Infrastructure

The project would be served by public water and an individual septic system. The applicant provided a copy of an e-mail correspondence from the Georgetown Divide PUD dated February 19, 2009, which states that domestic water service would be provided upon proper application and payment of appropriate charges for each separate parcel. Improvements to existing facilities would be required to extend service to the subject site.

#### 3. Population

The project would not add to the population in the vicinity.

#### 4. Construction Considerations

Construction of the project would consist of on site improvements.

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The project applicant would be required to obtain permits for grading from the County Department of Transportation (DOT) and obtain an approved Asbestos Dust Mitigation Plan from the Air Quality Management District.

#### Project Schedule and Approvals

This Initial Study is being circulated for public and agency review for a 30-day period. Written comments on the Initial Study should be submitted to the project planner indicated in the Summary section, above.

Following the close of the written comment period, the Initial Study would be considered by the Lead Agency in a public meeting and would be certified if it is determined to be in compliance with CEQA. The Lead Agency would also determine whether to approve the project.

### **EVALUATION OF ENVIRONMENTAL IMPACTS**

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project would not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is a fair argument that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
4. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a. Earlier Analysis Used. Identify and state where they are available for review.
  - b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c. Mitigation Measures. For effects that are "Less Than Significant With Mitigation Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. Supporting Information Sources: A source list should be attached, and other sources used, or individuals contacted should be cited in the discussion.

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8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
9. The explanation of each issue should identify:
- the significance criteria or threshold, if any, used to evaluate each question; and
  - the mitigation measure identified, if any, to reduce the impact to less than significant.

**ENVIRONMENTAL IMPACTS**

<b>I. AESTHETICS. <i>Would the project:</i></b>			
a. Have a substantial adverse effect on a scenic vista?			X
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?			X
c. Substantially degrade the existing visual character or quality of the site and its surroundings?			X
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?		X	

**Discussion:** A substantial adverse effect to Visual Resources would result in the introduction of physical features that are not characteristic of the surrounding development, substantially change the natural landscape, or obstruct an identified public scenic vista.

- No identified public scenic vistas or designated scenic highway would be affected by this project. There would be no impact.
- The project would not be located along a defined State Scenic Highway corridor and would not impact scenic resources or corridors including, but not limited to, trees, rock outcroppings, and historic resources based on the location of the project. There would be no impact.
- The proposed project would not substantially degrade the visual character or quality of the site and its surroundings. The property would continue to provide the natural visual character and quality that currently exists by directing development to the least sensitive parts of the property and would keep the scenic areas of the property intact. There would be no impact.
- The project would consist of developing a religious facility on the subject site. Buffers would be provided between the subject site and adjacent uses. Additionally, the project would comply with Section 17.14.170 of the El Dorado County Zoning Ordinance, which contains outdoor lighting requirements, intended to control artificial light and glare to the extent that unnecessary illumination of adjacent property would be prohibited. These requirements include the shielding and downward direction of all outdoor lighting. These requirements would also reduce project impacts on night skies. This impact would be considered less than significant.

**Finding:** As proposed, the project would have a less than significant impact to aesthetic and visual resources.

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<b>II. AGRICULTURE RESOURCES. <i>Would the project:</i></b>			
a. Convert Prime Farmland, Unique Farmland, Farmland of Statewide Importance, or Locally Important Farmland (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?			X
b. Conflict with existing zoning for agricultural use, or a Williamson Act Contract?			X
c. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?			X

**Discussion:** A substantial adverse effect to Agricultural Resources would occur if:

- There is a conversion of choice agricultural land to nonagricultural use, or impairment of the agricultural productivity of agricultural land;
  - The amount of agricultural land in the County is substantially reduced; or
  - Agricultural uses are subjected to impacts from adjacent incompatible land uses.
- a) There would be no conversion of choice agricultural lands to nonagricultural lands and there would be no impairment of agricultural productivity of agricultural lands with this project. The project would be located within the established Greenwood community. There would be no impact.
- b) This project would not reduce available agricultural lands. There would be no conflict with existing zoning for agricultural use, or a Williamson Act Contract. There would be no impact.
- c) There would be no conversion of existing agricultural farmlands to non-agricultural uses and there are no other changes that could affect an agricultural designation for non-agricultural use. There would be no impact.

**Finding:** This project would have no impact on agricultural lands and would not impact properties subject to a Williamson Act Contract. For the ‘Agriculture’ category, the project would have no impact.

<b>III. AIR QUALITY. <i>Would the project:</i></b>			
a. Conflict with or obstruct implementation of the applicable air quality plan?			X
b. Violate any air quality standard or contribute substantially to an existing or projected air quality violation?			X
c. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?			X
d. Expose sensitive receptors to substantial pollutant concentrations?			X

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<b>III. AIR QUALITY.</b> <i>Would the project:</i>			
e. Create objectionable odors affecting a substantial number of people?			X

**Discussion:** A substantial adverse effect on Air Quality would occur if:

- Emissions of ROG and No<sub>x</sub>, would result in construction or operation emissions greater than 82lbs/day (See Table 5.2, of the El Dorado County Air Pollution Control District – CEQA Guide);
  - Emissions of PM<sub>10</sub>, CO, SO<sub>2</sub> and No<sub>x</sub>, as a result of construction or operation emissions, would result in ambient pollutant concentrations in excess of the applicable National or State Ambient Air Quality Standard (AAQS). Special standards for ozone, CO, and visibility apply in the Lake Tahoe Air Basin portion of the County; or
  - Emissions of toxic air contaminants cause cancer risk greater than 1 in 1 million (10 in 1 million if best available control technology for toxics is used) or a non-cancer Hazard Index greater than 1. In addition, the project must demonstrate compliance with all applicable District, State and U.S. EPA regulations governing toxic and hazardous emissions.
- a) El Dorado County has adopted the Rules and Regulations of the El Dorado County Air Quality Management District (February 15, 2000) establishing rules and standards for the reduction of stationary source air pollutants (ROG/VOC, NO<sub>x</sub>, and O<sub>3</sub>). A project specific Air Quality Impact Analysis was prepared by Carlton Engineering dated July 8, 2009. Both summer and winter air emissions were assessed for area source and operational emissions at project occupation in 2010. Natural gas/propane would be used for heating. The project operational (vehicle) and area source emissions would be:

Phase	Summer		Winter	
	ROG (lb/day)	NO <sub>x</sub> (lb/day)	ROG (lb/day)	NO <sub>x</sub> (lb/day)
Area	0.15	0.06	0.03	0.04
Operational	0.52	0.59	0.59	0.88
Sum	0.67	0.65	0.62	0.92

Both summer and winter ROG and NO<sub>x</sub> sum of operations and area emission rates would be below the thresholds of significance of 82 pounds per day each.

- b, c) Currently, El Dorado County is classed as being in "severe non-attainment" status for Federal and State ambient air quality standards for ozone (O<sub>3</sub>). Additionally, the County is classified as being in "non-attainment" status for particulate matter (PM<sub>10</sub>) under the State's standards. The California Clean Air Act of 1988 requires the County's air pollution control program to comply with the State's ambient air quality standards. AQMD administers standard practices for stationary and point source air pollution control. Projected related air quality impacts are divided into two categories:

Short-term impacts related to construction activities; and  
 Long-term impacts related to the project operation.

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Short-term, superficial, minor grading and excavation activities that could be associated with the finish grading to the existing roadway, but that type of construction typically would only last a few days and intermittently at that.

Mobile emission sources such as automobiles, trucks, buses, and other internal combustion vehicles are responsible for more than 70 percent of the air pollution within the County, and more than one-half of California's air pollution. In addition to pollution generated by mobile emissions sources, additional vehicle emission pollutants are carried into the western slope portion of El Dorado County from the greater Sacramento metropolitan area by prevailing winds. Future grading would potentially emit minor, temporary and intermittent criteria air pollutant emissions from vehicle exhaust and would be subject to AQMD standards at that time. Currently County records indicate this property is located within the Asbestos Review Area. The project would be required to comply with AQMD Rule 223-2, which addresses the regulations for fugitive dust emission-asbestos hazard mitigation during the construction process, which includes submittal, fugitive dust prevention, speed limits, warning signs, trackout prevention, excavated soil management and post-construction mitigation. Impacts would be less than significant with implementation of AQMD rules.

d, e)

The project would be developed adjacent to a daycare facility, which is considered a sensitive land use. The Air Quality Analysis prepared for the project states that the project construction emissions would not exceed the Air Quality Management District emission thresholds and no additional mitigation would be required. Short-term heavy equipment emissions generated by the on-site improvements would not involve the creation of significant smoke, ash, or odors based upon the analysis. The project would be required to obtain an approved fugitive dust mitigation plan conforming to District Rules 223-1 and 223-2. District Rule 224 prevents additional release of Volatile Organic Compounds (VOCs), by prohibiting the use of cutback or emulsified paving asphalt for paving, road construction or road maintenance. Adherence to rules 215 and 224 would be sufficient to ensure that emissions impacts due to the release of VOC from architectural coatings are less than significant.

**Finding:** Standard County conditions of approval have been included as part of the project permit to maintain a less than significant level of impact in the 'Air Quality' category. Impacts would be less than significant.

IV. BIOLOGICAL RESOURCES. <i>Would the project:</i>			
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?			X
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?			X
c. Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?			X
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?			X



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IV. BIOLOGICAL RESOURCES. <i>Would the project:</i>			
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?			X
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?			X

**Discussion:** A substantial adverse effect on Biological Resources would occur if the implementation of the project would:

- Substantially reduce or diminish habitat for native fish, wildlife or plants;
- Cause a fish or wildlife population to drop below self-sustaining levels;
- Threaten to eliminate a native plant or animal community;
- Reduce the number or restrict the range of a rare or endangered plant or animal;
- Substantially affect a rare or endangered species of animal or plant or the habitat of the species; or
- Interfere substantially with the movement of any resident or migratory fish or wildlife species.

The project proposes no impacts to species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service. Impacts would be less than significant.

- b&e) The project proposes a less than significant impact to riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations by the California Department of Fish and Game. The site does not contain any water related features. Best Management Practices (BMPs) would be designed during the grading and improvement phase to limit the potential of surface run-off pre- and post-construction to meet County and Regional Water Quality Control Board (RWQCB) standards. All grading, drainage and construction activities associated with this project, including those to prepare and develop the site road access, would be required to implement proper BMPs. The proposed on-site development design does not require removal of oak canopy from the project site. There would be a less than significant impact within this category.
- c) The project does not propose impacts to federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means. The project site does not contain any water related features. There would be a less than significant impact from the project within this category.
- d) Review of the Department of Fish and Games Migratory Deer Herd maps and General Plan DEIR Exhibit V-8-4 indicate no mapped deer mitigation corridors exist on the project site. The project would not substantially interfere with the movement of any native resident or migratory fish or wildlife species or with any established native resident or migratory wildlife corridors, or impede the sue of wildlife nursery sites in any manner that does not currently exist. There would be on impact.
- f) The project site is not located in an area identified as critical habitat for the Red-legged Frog (*Rana aurora draytonii*), or for the Gabbro soil rare plants which are subject to the draft Recovery / Habitat Conservation Plans proposed by the U.S. Fish and Wildlife Service. The impact would be less than significant.

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**Finding:** There would be no significant impacts to biological resources, as none have been identified at the project site. As such, the impacts in the 'Biological Resources' category would be less than significant for this project.

V. CULTURAL RESOURCES. <i>Would the project:</i>			
a. Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?			X
b. Cause a substantial adverse change in the significance of archaeological resource pursuant to Section 15064.5?			X
c. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?			X
d. Disturb any human remains, including those interred outside of formal cemeteries?			X

**Discussion:** In general, significant impacts are those that diminish the integrity, research potential, or other characteristics that make a historical or cultural resource significant or important. A substantial adverse effect on Cultural Resources would occur if the implementation of the project would:

- Disrupt, alter, or adversely affect a prehistoric or historic archaeological site or a property or historic or cultural significant to a community or ethnic or social group; or a paleontological site except as a part of a scientific study;
- Affect a landmark of cultural/historical importance;
- Conflict with established recreational, educational, religious or scientific uses of the area; or
- Conflict with adopted environmental plans and goals of the community where it is located.

a, b & d)

The applicant submitted a "Cultural Resources Study" prepared by Historic Resource Associates, dated August 2009. One historical archaeological site was identified requiring further assessment. Peak and Associates provided a historical site assessment in January 2010. The assessment determined that the site is not associated with events important in the past or with individuals important in the past (CRHR Criterion B1 or B2). As the building on the site had been demolished years ago, it can be concluded that it does not embody the distinctive characteristics of a type, period, region, method of construction, or represent the work of an important creative individual, or possess high artistic values (CRHR Criterion B3).

Because of the possibility in the future that ground disturbances could discover significant cultural resources, the project would require standard conditions that would reduce the impacts to less than significant.

- c) No paleontological resources or unique geological features were identified on the project site. The County 2004 General Plan states that paleontological resources are unlikely to be encountered in El Dorado County. Paleontological remains are found in sedimentary rock formations, which are virtually nonexistent in the County. The impacts would be less than significant.

**Finding:** The project site would be located outside of a designated cemetery and the potential to find historic, archaeological, prehistoric, and/or human remains would not be likely. By implementing typical discovery procedures as conditions in the project permit, any chance of an accidental discovery would be accounted for during grading and/or improvement activities and impacts to the 'Cultural Resources' category would be less than significant.

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<b>VI. GEOLOGY AND SOILS. <i>Would the project:</i></b>			
a. Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:			X
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			X
ii) Strong seismic ground shaking?			X
iii) Seismic-related ground failure, including liquefaction?			X
iv) Landslides?			X
b. Result in substantial soil erosion or the loss of topsoil?			X
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			X
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994) creating substantial risks to life or property?			X
e. Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?			X

**Discussion:** A substantial adverse effect on Geologic Resources would occur if the implementation of the project would:

- Allow substantial development of structures or features in areas susceptible to seismically induced hazards such as groundshaking, liquefaction, seiche, and/or slope failure where the risk to people and property resulting from earthquakes could not be reduced through engineering and construction measures in accordance with regulations, codes, and professional standards;
  - Allow substantial development in areas subject to landslides, slope failure, erosion, subsidence, settlement, and/or expansive soils where the risk to people and property resulting from such geologic hazards could not be reduced through engineering and construction measures in accordance with regulations, codes, and professional standards; or
  - Allow substantial grading and construction activities in areas of known soil instability, steep slopes, or shallow depth to bedrock where such activities could result in accelerated erosion and sedimentation or exposure of people, property, and/or wildlife to hazardous conditions (e.g., blasting) that could not be mitigated through engineering and construction measures in accordance with regulations, codes, and professional standards.
- a) There are no Earthquake Fault Zones subject to the Alquist-Priolo Earthquake Fault Zoning Act (formerly Special Studies Zone Act) in El Dorado County. No other active or potentially active faults have been mapped at or adjacent to the project site where near-field effects could occur. There would be no impact related to fault rupture. There are no

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known faults on the project site; however, the project site is located in a region of the Sierra Nevada foothills where numerous faults have been mapped. All other faults in the County, including those closest to the project site are considered inactive. (California Department of Conservation, California Geological Survey, Mineral Land Classification of El Dorado County, California, CGS Open-File Report 2000-03, 2001). Impacts would be less than significant.

b, c)

All grading activities exceeding 50-cubic yards of graded material or grading completed for the purpose of supporting a structure must comply with the provisions contained in the *County of El Dorado - Grading, Erosion, and Sediment Control Ordinance* Adopted by the County of El Dorado Board of Supervisors, 3-13-07 (Ordinance #4719). This ordinance is designed to limit erosion, control the loss of topsoil and sediment, limit surface runoff, and ensure stable soil and site conditions for the intended use in compliance with the El Dorado County General Plan. During future site grading and construction of foundations and other site improvements, there is potential for erosion, changes in topography, and unstable soil conditions. The issuance of a grading permit would address potential impacts. Impacts would be less than significant.

d) Expansive soils are those that greatly increase in volume when they absorb water and shrink when they dry out. The central half of the County has a moderate expansiveness rating while the eastern and western portions are rated low. These boundaries are very similar to those indicating erosion potential. When buildings are placed on expansive soils, foundations may rise each wet season and fall each dry season. This movement may result in cracking foundations, distortion of structures, and warping of doors and windows. Pursuant to the U.S.D.A. Soil Report for El Dorado County, the site is located on Mariposa gravelly silt loam, 3 to 30 percent slopes (MaD). The soil drains well, has a medium to rapid runoff, and moderate permeability. Table 18-1-B of the *Uniform Building Code* establishes a numerical expansion index for soil types ranging from very low to very high. Standard soil stabilization and erosion control management are recommended during any soil disturbing activities in accordance with the *County Grading, Erosion and Sediment Control Ordinance*. Impacts would be less than significant with implementation of the *County Grading, Erosion and Sediment Control Ordinance* and the *Uniform Building Code*.

e) The project would be served by septic facilities. A report of percolation test was completed on March 14, 2005 by Wheeldon Geology and was received by the El Dorado County Environmental Management Department, Environmental Health Division. Four (4) holes were tested on the site. Based on the test hole stabilized percolation rate, the site has an average percolation rate of 34 minutes per inch. The Department would require permits to be obtained for the installation of septic facilities prior to issuance of building permits. Impacts would be less than significant with obtaining all necessary permits.

**Finding:** Based on the review of information about the on-site soil conditions, a less than significant level of impact would result from any geological or seismic conditions that could have the potential to affect this property. Review of grading, building, and/or construction plans would include grading design and shall address BMPs and UBC Seismic IV construction standards in order to address any potential impacts in the 'Geology and Soils' category. As such, impacts within this category would be less than significant.

VII. HAZARDS AND HAZARDOUS MATERIALS. <i>Would the project:</i>			
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous			X

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporation	Less Than Significant Impact	No Impact
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<b>VII. HAZARDS AND HAZARDOUS MATERIALS. <i>Would the project:</i></b>			
materials into the environment?			
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			X
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?			X
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?			X
f. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?			X
g. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?		X	
h. Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?		X	

**Discussion:** A substantial adverse effect due to Hazards or Hazardous Materials would occur if implementation of the project would:

- Expose people and property to hazards associated with the use, storage, transport, and disposal of hazardous materials where the risk of such exposure could not be reduced through implementation of Federal, State, and local laws and regulations;
  - Expose people and property to risks associated with wildland fires where such risks could not be reduced through implementation of proper fuel management techniques, buffers and landscape setbacks, structural design features, and emergency access; or
  - Expose people to safety hazards as a result of former on-site mining operations.
- a) The project may involve transportation, use, and disposal of hazardous materials such as construction materials, paints, fuels and landscaping materials. The use of these hazardous materials would only occur during construction and would be temporary therefore, the impact would be limited.. Any uses of hazardous materials would be required to comply with all applicable federal, state, and local standards associated with the handling and storage of hazardous materials. With existing regulations, the impact would be less than significant. Any hazardous materials used at the project site would need to comply with the El Dorado County Hazardous Waste Management Plan. Impacts would be less than significant.
- b) No significant amount of hazardous materials would be used for the project. The project would not result in any reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment. There would be no impacts.

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- c) As proposed, the project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school (The Old Greenwood School House is located within ¼ mile of the site; however it is historical site, not a operating school facility). There are no schools located within the quarter mile radius. There would be no impacts.
- d) The project site has not been identified on any list that has been compiled pursuant to California Government Code 65962.5 which identifies hazardous material sites near this project site. There would be no impact from hazardous material at this location. There would be no impacts.
- e) The project would be not located within an airport land use plan, nor would it be within two miles of an airport. There would be no impact.
- f) The project would not be within the vicinity of a private airstrip. There would be no impact.
- g) The project would not be expected to interfere or negatively affect any adopted emergency response or evacuation plan. Plans for the proposed project indicate that it would not block access or significantly decrease access to any roadways or evacuation routes. The impact would be less than significant.
- h) With the recommended conditions implemented, which includes that a wildland fire safe plan to be prepared subject to review and approval by the Georgetown Fire District and Cal Fire would not expose people to a significant risk of loss, injury or death involving wildland fires or wildland fires adjacent to or located in an urbanized area. Impacts would be less than significant.

**Finding:** The proposed project would not expose people and property to hazards associated with the use, storage, transport and disposal of hazardous materials, and/or would not expose people and property to risks associated with wildland fires. For the ‘Hazards and Hazardous Materials’ category, as conditioned, any potential impacts experienced by this project would be less than significant.

<b>VIII. HYDROLOGY AND WATER QUALITY. <i>Would the project:</i></b>				
a. Violate any water quality standards or waste discharge requirements?			X	
b. Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?			X	
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or -off-site?			X	
d. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?			X	

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporation	Less Than Significant Impact	No Impact
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<b>VIII. HYDROLOGY AND WATER QUALITY. <i>Would the project:</i></b>			
e. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?		X	
f. Otherwise substantially degrade water quality?		X	
g. Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?			X
h. Place within a 100-year flood hazard area structures which would impede or redirect flood flows?			X
i. Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?			X
j. Inundation by seiche, tsunami, or mudflow?			X

**Discussion:** A substantial adverse effect on Hydrology and Water Quality would occur if the implementation of the project would:

- Expose residents to flood hazards by being located within the 100-year floodplain as defined by the Federal Emergency Management Agency;
- Cause substantial change in the rate and amount of surface runoff leaving the project site ultimately causing a substantial change in the amount of water in a stream, river or other waterway;
- Substantially interfere with groundwater recharge;
- Cause degradation of water quality (temperature, dissolved oxygen, turbidity and/or other typical stormwater pollutants) in the project area; or
- Cause degradation of groundwater quality in the vicinity of the project site.

- a) The project would be served by public water. The Georgetown Divide Public Utility District (GDPUD) is the water service provider for the area. GDPUD has reviewed the project and provided improvement comments dated July 6, 2009. The project would be required to provide detailed plans showing the connection to the existing water facilities and provide easements where required. The distribution system would need to meet fire flow requirements as determined by the Fire District. All water service improvements would meet California Plumbing Code requirements.
- b) The project would connect to public water and would not utilize any groundwater as part of the project. Construction activities may have a short-term impact as a result of groundwater discharge; however, adherence to the *El Dorado County Grading Erosion and Sediment Control Ordinance* would ensure that impacts would be less than significant.
- c) There is no evidence that the grading and ground disturbances associated with the project would substantially alter the existing drainage patterns on or off the site. The *El Dorado County Grading Erosion and Sediment Control Ordinance* contains specific requirements that limit the impacts to a drainage system. The standards apply to this project. The impact would be less than significant.

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d & e)

In this case, the project would include a moderate amount of grading that would result in driveway access and a building pad. An erosion control plan would be required to reduce erosion and sediment discharge off-site to a less than significant level.

- f) The project would not result in substantial degradation of water quality in either surface or sub-surface water bodies in the vicinity of the project area. All storm-water and sediment control methods contained in the *Grading, Erosion, and Sediment Control Ordinance* must be met during all construction activities, as well as the required development of any permanent storm drainage facilities and erosion control measures on the project site. The impact would be less than significant.
- g) The FEMA Flood Insurance Rate Map, (Panel No. 0601-7C0200E, revised September 26, 2008) for the project area establishes that the project site is not within a mapped 100-year floodplain. There would be no impact.
- h) The closest dam and levees to the project site is Folsom Lake. This project site would be nine miles east and at a higher elevation than Folsom Dam. There would be no impact.

(i, j)

The project area would not be near a body of water large enough to generate a seiche, tsunami, or mudflow. The nearest large bodies of water are Lake Tahoe and Folsom Lake. Neither is close enough or large enough to predict seiche risk. Mudflow on this type of soil would be unlikely, see geology and soils section. There would be no impact.

**Finding:** Any future development plans submitted for a building and/or grading permit would be analyzed to address erosion and sediment control. No significant hydrological impacts would occur with the project. For this “Hydrology” category, impacts would be less than significant.

IX. LAND USE PLANNING. <i>Would the project:</i>			
a. Physically divide an established community?			X
b. Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?			X
c. Conflict with any applicable habitat conservation plan or natural community conservation plan?			X

**Discussion:** A substantial adverse effect on Land Use would occur if the implementation of the project would:

- Result in the conversion of Prime Farmland as defined by the State Department of Conservation;
- Result in conversion of land that either contains choice soils or which the County Agricultural Commission has identified as suitable for sustained grazing, provided that such lands were not assigned urban or other nonagricultural use in the Land Use Map;
- Result in conversion of undeveloped open space to more intensive land uses;
- Result in a use substantially incompatible with the existing surrounding land uses; or



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- Conflict with adopted environmental plans, policies, and goals of the community.
- a) The project would not result in the physical division of an established community. The request is for a Special Use Permit for a religious facility to be established within the Greenwood Rural Center. The project would be consistent with the policies established by the General Plan and would be consistent with the established land use pattern of the neighboring area with the issuance of a Special Use Permit. Impacts would be less than significant.
  - b) As proposed, the project would be consistent with specific, fundamental, and mandatory land use goals, objectives, and policies of the adopted 2004 General Plan. The project would comply with the one-acre residential (R1A) zone district requirements. Design Waivers would not be required for the project. The project would comply with the land use objectives that have been established by the County. Impacts would be less than significant.
  - c) As discussed in Section IV 'Biological Resources', this project would have a less than significant impact on biological resources, and the proposal would not conflict with any applicable habitat conservation plan or natural community conservation plan. Impacts would be less than significant.

**Finding:** For the 'Land Use Planning' category, project related impacts associated with the project would be less than significant.

<b>X. MINERAL RESOURCES.</b> <i>Would the project:</i>					
a.	Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				<b>X</b>
b.	Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				<b>X</b>

**Discussion:** A substantial adverse effect on Mineral Resources would occur if the implementation of the project would:

- Result in obstruction of access to, and extraction of mineral resources classified MRZ-2x, or result in land use compatibility conflicts with mineral extraction operations.
- a) The project site is not mapped as being within a Mineral Resource Zone (MRZ) by the State of California Division of Mines and Geology or in the 2004 El Dorado County General Plan. There would be no impact.
  - b) The western portion of El Dorado County is divided into four, 15 minute quadrangles (Folsom, Placerville, Georgetown, and Auburn) mapped by the State of California Division of Mines and Geology showing the location of Mineral and Resource Zones (MRZ). Those areas which are designated MRZ-2a contain discovered mineral deposits that have been measured or indicate reserves calculated. Land in this category has been considered to contain mineral resources of known economic importance to the County and/or State. Review of the mapped areas of the County indicates that the subject property does not contain any mineral resources of known local or statewide economic value. There would be no impact.

**Finding:** No impacts to any known mineral resources would occur as a result of the project and the 'Mineral Resources' category would not be affected, therefore there would be no impact.

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<b>XI. NOISE.</b> <i>Would the project result in:</i>			
a. Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X
b. Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?			X
c. A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?			X
d. A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?			X
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise level?			X
f. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?			X

**Discussion:** A substantial adverse effect due to Noise would occur if the implementation of the project would:

- Result in short-term construction noise that creates noise exposures to surrounding noise sensitive land uses in excess of 60dBA CNEL;
- Result in long-term operational noise that creates noise exposures in excess of 60 dBA CNEL at the adjoining property line of a noise sensitive land use and the background noise level is increased by 3dBA, or more; or
- Results in noise levels inconsistent with the performance standards contained in Table 6-1 and Table 6-2 in the El Dorado County General Plan.

(a – d)

A project site specific Environmental Noise Assessment was prepared for the project by J. C. Brennan & Associates, dated July 10, 2009. The project would consist of a main assembly hall, 66 parking spaces primarily located around the south and east sides of the main assembly hall. Primary activities at the site would occur Thursday from 7:00PM to 9:00PM and Sunday from 10:00AM to 12:00PM. A series of short meetings would occur Monday through Saturday beginning at 9:00 AM.

The primary existing noise source in the vicinity of the project site is traffic from State Hwy 193. Based upon the predicted future traffic noise levels, the location of the nearest building façade adjacent to State Hwy 193 would be exposed to future traffic noise levels of 65 dB Ldn. No outdoor activity areas have been included in the project design; therefore there would be no impact. The building façade adjacent to State Hwy 193 would be exposed to noise levels of approximately 65 dB Ldn/Leq. Therefore, the meeting hall adjacent to State Hwy 193 would comply with the interior noise level criterion of 40 dB Leq.

The primary noise source associated with the project would be the on-site parking lot activities, access road traffic and construction noise. Parking lot noise typically includes periods of conversation, doors slamming, engines starting and

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stopping and vehicle passage. The predicted noise level due to parking lot activities would be 54 dB Leq at a reference distance of 50 feet. The distance from the center of the main parking lot to the property lines of the nearest adjacent single family residences would be approximately 120 feet. Therefore, the peak hour Leq at the nearest residential property line due to parking lot activities would be estimated to be 47 dB and would comply with the daytime and evening noise level criteria, with the implementation of the following Mitigation Measure:

**MM NOISE- 1:** All meetings and gatherings at the religious facility shall conclude prior to 10:00PM in order for all vehicles to vacate the premises prior to 10:00PM. Meetings and gatherings shall not occur at the facility between the hours of 10:00PM and 7:00AM. Signage shall be posted within the parking lot prior to final building inspection prohibiting the parking of vehicles between the hours of 10:00PM and 7:00AM. Development Services shall review wording for signs and sign locations prior to issuance of a building permit.

*Timing/Implementation:* Development Services shall review wording for signs and sign locations within the parking lot prior to issuance of a building permit.

*Enforcement/Monitoring:* El Dorado County Development Services

The centerline of the access road is approximately 25 feet from the nearest residential property line. The predicted hourly traffic noise level, based upon 67 vehicles in an hour, would be 44 dB Leq. The predicted hourly access road noise level would comply with the El Dorado County General Plan Noise Element criteria.

Construction noise impacts would be short-term. A Condition of Approval for construction operations would require adherence to General Plan Policy 6.5.11. Construction activities would be limited to 7AM to 7PM during weekdays and 8AM to 5PM on weekends and federally recognized holidays. Short-term noise impacts would therefore be less than significant.

- e) General Plan Policy 6.5.2.1 requires that all projects, including single-family residential development, within the 55 dB/CNEL contour of a County airport shall be evaluated against the noise guidelines and policies in the applicable Comprehensive Land Use Plan (CLUP). In this case, the project site would not be located within the defined 55dB/CNEL noise contour of a County owned/operated airport facility. There would be no impact.
- f) The proposed project would not be located adjacent to or in the vicinity of a private airstrip. As such, the project would not be subjected to excessive noise from a private airport. There would be no impact.

**Finding:** For the 'Noise' category impacts would be less than significant.

<b>XII. POPULATION AND HOUSING. <i>Would the project:</i></b>			
a. Induce substantial population growth in an area, either directly (i.e., by proposing new homes and businesses) or indirectly (i.e., through extension of roads or other infrastructure)?			X
b. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?			X
c. Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?			X

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**Discussion:** A substantial adverse effect on Population and Housing would occur if the implementation of the project would:

- Create substantial growth or concentration in population;
  - Create a more substantial imbalance in the County’s current jobs to housing ratio; or
  - Conflict with adopted goals and policies set forth in applicable planning documents.
- a) The proposed project is a religious facility and would not be not be growth-inducing. Impacts would be less than significant.
- b) No existing housing stock would be displaced by this project and no replacement housing would be necessary with the approval of the project. There would be no impact.
- c) No persons would be displaced by approving the project. There would be no impact.

**Finding:** The project would not displace any individuals and would not remove existing housing. The project would not directly or indirectly induce a substantial growth in population. For this ‘Population and Housing’ category, impacts would be less than significant.

<b>XIII. PUBLIC SERVICES.</b> <i>Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:</i>			
a. Fire protection?			X
b. Police protection?			X
c. Schools?			X
d. Parks?			X
e. Other government services?			X

**Discussion:** A substantial adverse effect on Public Services would occur if the implementation of the project would:

- Substantially increase or expand the demand for fire protection and emergency medical services without increasing staffing and equipment to comply with the Department’s/District’s goal of 1.5 firefighters per 1,000 residents and 2 firefighters per 1,000 residents, respectively;
- Substantially increase or expand the demand for public law enforcement protection without increasing staffing and equipment to maintain the Sheriff’s Department goal of one sworn officer per 1,000 residents;
- Substantially increase the public school student population exceeding current school capacity without also including provisions to adequately accommodate the increased demand in services;
- Place a demand for library services in excess of available resources;
- Substantially increase the local population without dedicating a minimum of 5 acres of developed parklands for every 1,000 residents; or
- Be inconsistent with County adopted goals, objectives or policies.

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- a) Fire Protection: The Georgetown Fire District currently provides fire protection services to the project area. The Department was solicited for comments to determine compliance with fire standards, El Dorado County General Plan, State Fire Safe Regulations as adopted by El Dorado County and the California Uniform Fire Code. The Department did not respond with any concerns that the level of service would fall below the minimum requirements as a result of the proposed project. The impacts would be less than significant.
- b) Police Protection: The project site would be served by the El Dorado County Sheriff's Department with a response time depending on the location of the nearest patrol vehicle. The minimum Sheriff's Department service standard is an 8-minute response to 80 percent of the population within Community Regions. No specific minimum level of service or response time was established for Rural Centers and Rural Regions. The Sheriff's Department stated goal is to achieve a ratio of one sworn officer per 1,000 residents. The development of the religious facility would not significantly impact current Sheriff's response times to the project area. The impacts would be less than significant.
- c) Schools: The State allows school districts to directly levy fees on new residential and commercial/industrial development. These fees are collected at the time of building permit submittal and are designed to provide funds to acquire and construct additional facility space within impacted school districts. The project proposal would not directly generate the need for additional school facilities and would not impact school enrollment, as the project would not result in a residential component. The impacts would be less than significant.
- d) Parks: Section 16.12.090 of the County Code establishes the method to calculate the required amount of land for parkland dedication and the in-lieu fee. The project is not a residential development therefore parkland dedication would not be required. The proposed project would not be required to pay an in-lieu fee for park land. The impacts would be less than significant.
- e) Other Facilities: No other public facilities or services would be directly impacted by the project. The impacts would be less than significant.

**Finding:** As discussed above, no significant impacts would occur with the project either directly or indirectly. For this "Public Services" category, impacts would be less than significant.

<b>XIV. RECREATION.</b>			
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?			X
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?			X

**Discussion:** A substantial adverse effect on Recreational Resources would occur if the implementation of the project would:

- Substantially increase the local population without dedicating a minimum of 5 acres of developed parklands for every 1,000 residents; or
- Substantially increase the use of neighborhood or regional parks in the area such that substantial physical deterioration of the facility would occur.

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- a) No significant increase or effects in the use of area wide neighborhood or regional parks would be experienced by approving this project. There would be no potential for a substantial physical deterioration of neighboring or regional recreational facilities. Impacts would be less than significant.
- b) The project does not propose any on-site recreation facilities and would not require the construction of any new facilities. In lieu fees for the acquisition of parklands would not be required for the project. Impacts would be less than significant.

**Finding:** No impacts to recreation or open space would result from the project. For the 'Recreation' category, there would be a less than significant impacts.

<b>XV. TRANSPORTATION/TRAFFIC. <i>Would the project:</i></b>			
a. Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?			X
b. Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?			X
c. Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?			X
d. Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?			X
e. Result in inadequate emergency access?			X
f. Result in inadequate parking capacity?			X
g. Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?			X

**Discussion:** A substantial adverse effect on Traffic would occur if the implementation of the project would:

- Result in an increase in traffic, which is substantial in relation to the existing traffic load and capacity of the street system;
  - Generate traffic volumes which cause violations of adopted level of service standards (project and cumulative); or
  - Result in, or worsen, Level of Service "F" traffic congestion during weekday, peak-hour periods on any highway, road, interchange or intersection in the unincorporated areas of the county as a result of a residential development project of 5 or more units.
- a) The El Dorado County Department of Transportation (DOT) has reviewed the proposed project and has determined that the project would not exceed the thresholds established in the 2004 General Plan. The number of vehicles associated with the project would not change current vehicle trip rates and would not measurably affect traffic volumes or levels of service on a permanent basis such that County standards would be exceeded. A traffic study was not required as the project would generate less than 100 ADT or less than 10 peak hour trips. The impacts would be less than significant.

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- b) The Department of Transportation has determined that the project would not have a significant traffic and/or circulation impact to Greenwood Road and Ricci Road, or the surrounding road circulation system. Impacts would be less than significant.
- c) The project would not result in a major change in established air traffic patterns for publicly or privately operated airports or landing field in the project vicinity. There would be no impact.
- d) There would be no design features, such as sharp curves or dangerous intersections added or changed on Greenwood Road. Impacts would be less than significant.
- e) The proposed project site would receive access off of Greenwood Road. An encroachment for a private driveway onto Greenwood Road would be required by DOT. There would be no disruption of emergency access to and from the project site or surrounding parcels. The impact would be less than significant.
- f) Section 17.18.060 of the County Code requires 1 parking space for every 4 seats within the main auditorium of churches or other places of public assembly. The facility would have 168 seats; therefore, 42 parking spaces would be required. The project proposes 66 parking stalls. There would be no impact.
- g) The proposed project would not conflict with the adopted General Plan policies, and adopted plans, or programs supporting alternative transportation. There would be no impact.

**Finding:** For the 'Transportation/Traffic' category, the project would have a less than significant impact on traffic and transportation. Impacts would be less than significant.

<b>XVI. UTILITIES AND SERVICE SYSTEMS. <i>Would the project:</i></b>			
a. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?		X	
b. Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?		X	
c. Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?			X
d. Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?		X	
e. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?		X	
f. Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?		X	
g. Comply with federal, state, and local statutes and regulations related to solid			X

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<b>XVI. UTILITIES AND SERVICE SYSTEMS. <i>Would the project:</i></b>			
waste?			

**Discussion:** A substantial adverse effect on Utilities and Service Systems would occur if the implementation of the project would:

- Breach published national, state, or local standards relating to solid waste or litter control;
- Substantially increase the demand for potable water in excess of available supplies or distribution capacity without also including provisions to adequately accommodate the increased demand, or is unable to provide an adequate on-site water supply, including treatment, storage and distribution;
- Substantially increase the demand for the public collection, treatment, and disposal of wastewater without also including provisions to adequately accommodate the increased demand, or is unable to provide for adequate on-site wastewater system; or
- Result in demand for expansion of power or telecommunications service facilities without also including provisions to adequately accommodate the increased or expanded demand.

a ,b,d&e)

The project would utilize septic facilities. Wastewater treatment is not required. GDPUD would provide water service to the site. The letter date July 6, 2009 indicates that there are adequate facilities to serve the site. This impact would be less than significant.

- c) All required drainage facilities for the project shall be constructed in conformance with the standards contained in the County of El Dorado Drainage Manual, as determined by the Department of Transportation. The impact would be less than significant.
- f) In December of 1996, direct public disposal into the Union Mine Disposal Site was discontinued and the Material Recovery Facility / Transfer Station was opened. Only certain inert waste materials (e.g., concrete, asphalt, etc.) may be dumped at the Union Mine Waste Disposal Site. All other materials that cannot be recycled are exported to the Lockwood Regional Landfill near Sparks, Nevada. In 1997, El Dorado County signed a 30-year contract with the Lockwood Landfill Facility for continued waste disposal services. The Lockwood Landfill has a remaining capacity of 43 million tons over the 655-acre site. Approximately six million tons of waste was deposited between 1979 and 1993. This equates to approximately 46,000 tons of waste per year for this period. This facility has more than sufficient capacity to serve the County for the next 30 years. The impact would be less than significant.
- g) County Ordinance No. 4319 requires that new development provide areas for adequate, accessible, and convenient storing, collecting, and loading of solid waste and recyclables. On-site solid waste collection for the proposed lots would be handled through the local waste management contractor. Adequate space would be available at the site for solid waste collection. There would be no impact.

**FINDING:** No significant impacts would result to utility and service systems from development of the project. For the "Utilities and Service Systems" section, the thresholds of significance have not been exceeded and no significant environmental effects would result from the project.



Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporation	Less Than Significant Impact	No Impact
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<b>XVII. MANDATORY FINDINGS OF SIGNIFICANCE. Does the project:</b>			
a. Have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?			X
b. Have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?			X
c. Have environmental effects which would cause substantial adverse effects on human beings, either directly or indirectly?			X

**Discussion:**

- a) Subsurface earthwork activities may expose previously undiscovered buried resources. Standard construction cultural resource Conditions of Approval are incorporated into the project. This would ensure that impacts on cultural resources would be less than significant. In summary, all potentially significant effects on cultural resources can be reduced to a level of less than significant.
- b) Cumulative impacts are defined in Section 15355 of the California Environmental Quality Act (CEQA) Guidelines as "two or more individual effects, which when considered together, would be considerable or which would compound or increase other environmental impacts." Based on the analysis in this study, it has been determined that the project would have a less than significant impact based on the issue of cumulative impacts.
- c) As outlined and discussed in this document, this project proposes a less than significant chance of having project-related environmental effects which would cause substantial adverse effects on human beings, either directly or indirectly. Impacts would be less than significant.

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporation	Less Than Significant Impact	No Impact
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### SUPPORTING INFORMATION SOURCE LIST

The following documents are available at El Dorado County Planning Services in Placerville.

El Dorado County 2004 General Plan Draft Environmental Impact Report

El Dorado County General Plan - Volume I - Goals, Objectives, and Policies

El Dorado County General Plan - Volume II - Background Information

Findings of Fact of the El Dorado County Board of Supervisors for the General Plan

El Dorado County Zoning Ordinance (Title 17 - County Code)

County of El Dorado Drainage Manual (Resolution No. 67-97, Adopted March 14, 1995)

County of El Dorado Grading, Erosion and Sediment Control Ordinance, Adopted February 5, 2007

El Dorado County Design and Improvement Standards

El Dorado County Subdivision Ordinances (Title 16 - County Code)

Soil Survey of El Dorado Area, California

California Environmental Quality Act (CEQA) Statutes (Public Resources Code Section 21000, et seq.)

Title 14, California Code of Regulations, Chapter 3, Guidelines for Implementation of the California Environmental Quality Act (Section 15000, et seq.)

#### **Additional References:**

Air Quality Impact Analysis, Georgetown Kingdom Hall, prepared for Mark Wilcox, prepared by Carlton Engineering Inc. (July 2009)

Environmental Noise Assessment, Georgetown Kingdom Hall, prepared by J.C. Brennan & Associates (July, 2009)

Cultural Resources Study of Georgetown Kingdom Hall, Assessor's Parcel No 074-173-03, 06 and 12, El Dorado County, CA, prepared for Mark Wilcox, prepared by Historic Resource Associates. (August, 2009)

An Evaluation of Historical Site (Greenwood Temp H1) within the Proposed Georgetown Kingdom Hall Site; County of El Dorado, CA, prepared by Peak & Associates, Inc. (January 4, 2010)

Report of Percolation Test for Jim Willingham and Georgetown congregation of Jehovah's Witnesses, prepared by Wheeldon Geology (March, 2005)

El Dorado County Air Pollution Control District. CEQA Guide First Edition. (February 2002)

El Dorado County Development Services Department - Planning Services. Parcel Data Information System.

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporation	Less Than Significant Impact	No Impact
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Georgetown Divide Public Utility District Letter dated July 6, 2009

El Dorado County Department of Transportation letter dated June 29, 2009