



County of Calaveras

Department of Planning

Amber Collins ~ Interim Planning Director

Phone (209) 754-6394

Fax (209) 754-6540

www.planning.calaverasgov.us

Initial Study / Negative Declaration

Review Period: August 10, 2021 through September 10, 2021

Initial Study

ENVIRONMENTAL

CHECKLIST

For: Crossroads Church

Planned Development Permit 2021-006

Assessor's Parcel No. 061-025-040

1. Project Title: 2021-006 – Conditional Use Permit for The Crossroads Church
2. Lead Agency Name and Address: Calaveras County Planning Department
891 Mountain Ranch Road
San Andreas, CA 95249
3. Contact Person and Phone Number: Madeleine Flandreau, Planner II, (209) 754-6394
4. Project Location: 855 Black Creek Drive, Copperopolis CA
5. Project Sponsor's Name and Address: The Crossroads Church
P.O. Box 305
Copperopolis, CA 95228
6. General Plan Designation: Rural Residential
7. Zoning: Rural Residential (RR)
8. Project Description: The proposed project is for the approval of a Conditional Use Permit to construct a 7,434 sq. ft. church and associated parking on an undeveloped 10 acre parcel. The subject property is located on the northeast corner of Black Creek Road and Copper Cove Drive in Copperopolis. APN 061-025-040 is a portion of the East ½ of Section 14 T1N R12E, MDM.

9. Surrounding land uses and setting:

Location	General Plan Designation	Zoning	Land Use
North	Rural Residential	RR (Rural Residential)	Single Family Residences
South	Resource Production	A1 (General Agriculture)	Vacant
East	Residential Low Density	RR (Rural Residential)	Single Family Residences
West	Park/Recreational	REC (Recreational)	Copper Cove Homeowners Association Park

10. Other public agencies whose approval is required: NONE

11. Have California Native American Tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code §21080.3.1?

NO

If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.? **NO**

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.

- | | | |
|--|--|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agricultural and Forestry Resources | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Energy |
| <input type="checkbox"/> Geology/Soils | <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Hazards & Hazardous Materials |
| <input type="checkbox"/> Hydrology/Water Quality | <input type="checkbox"/> Land Use / Planning | <input type="checkbox"/> Mineral Resources |
| <input type="checkbox"/> Noise | <input type="checkbox"/> Population / Housing | <input type="checkbox"/> Public Services |
| <input type="checkbox"/> Recreation | <input type="checkbox"/> Transportation | <input type="checkbox"/> Tribal Cultural Resources |
| <input type="checkbox"/> Utilities/Service Systems | <input type="checkbox"/> Wildfire | <input type="checkbox"/> Mandatory Findings of Significance |

DETERMINATION (To be completed by Lead Agency):

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 original scope of the proposed project **COULD** have had a potentially significant effect on the environment, there **WILL NOT** be a significant effect because revisions/mitigations to the project have been made by or agreed to by the applicant. A **MITIGATED NEGATIVE DECLARATION** will be prepared.

☐ I find that the proposed project **MAY** have a potentially significant effect on the environment and an **ENVIRONMENTAL IMPACT REPORT** or its functional equivalent will be prepared.

☐ I find that the proposed project **MAY** have a potentially significant impact on the environment. However, at least one impact has been adequately analyzed in an earlier document, pursuant to applicable legal standards, and has been addressed by mitigation measures based on the earlier analysis, as described in the report's attachments. An **ENVIRONMENTAL IMPACT REPORT** is required, but it must analyze only the impacts not sufficiently addressed in previous documents.

☐ I find that, although the proposed project could have had a significant effect on the environment, because all potentially significant effects have been adequately analyzed in an earlier EIR or Negative Declaration, pursuant to applicable standards, and have been avoided or mitigated, pursuant to an earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project, all impacts have been avoided or mitigated to a less-than-significant level and no further action is required.



Madeleine Flandreau
Project Planner

8/9/2021
Date

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 will 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 substantial evidence 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 (mitigation measures from "Earlier Analyses," as described in (5) below, may be cross-referenced).
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 Measures 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.
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:
 - a) the significance criteria or threshold, if any, used to evaluate each question; and
 - b) the mitigation measure identified, if any, to reduce the impact to less than significance

Environmental Impact Analysis:

The proposed project is for the approval of a Conditional Use Permit to construct a 7,434 sq. ft. church and 95 parking spaces on an undeveloped 10 acre parcel. Figures 3 and 4 depict the proposed site development plan and elevations. The subject property is located on the northeast corner of Black Creek Road and Copper Cove Drive in the Copperopolis area. APN 061-025-040 is a portion of the East ½ of Section 14 T1N R12E, MDM. The parcel has a land use designation of Rural Residential, and is currently zoned Rural Residential (RR). Per County Code Section 17.22.020, a church is permitted in the RR zone on a parcel of five acres or larger with a conditional use permit. The proposed church will include a sanctuary, classrooms, kitchen and dining hall, bathrooms, an office and an infant nursery. The exterior of the building will be composite wood siding with a composition shingle roof. The exterior will be painted a light color, grey or light brown trimmed in white. A parking lot directly adjacent to the church will provide 95 parking spaces, 4 of which will be ADA accessible spaces. The parcel is within the service area of the Calaveras County Water District for public water and will be served by an onsite septic system.

The purpose of a conditional use permit is to provide the general public with an opportunity to review a proposed land use that is generally consistent with the purpose of a base zoning district, but has the potential to cause conflicts with neighboring land uses and zoning. Section 17.70.010 of the Zoning Ordinance provides standard parking requirements to ensure that all land uses have adequate parking, and to ensure that parking is usable and will not impede the flow of traffic or create hazards for pedestrians. All facilities are required to meet the parking requirements of the Parking Ordinance at the time of new construction, rezoning, or conversion of a single-family residence to multiple-family, commercial, or industrial use.

The project site is not located within any known earthquake fault. No FEMA flood zones exist on the site. Liquefaction and erosion of the site is less than significant due to the scale of potential development and application of existing local and state codes. The proposed use of the site is a conditional use permitted in the RR with approval of a CUP, and will not include the use of any hazardous materials, nor will it create any hazardous materials associated with future use of the land for uses allowed pursuant to Title 17.

The project site has been adequately conditioned by all appropriate departments and agencies to ensure compliance with local and State codes and regulations.

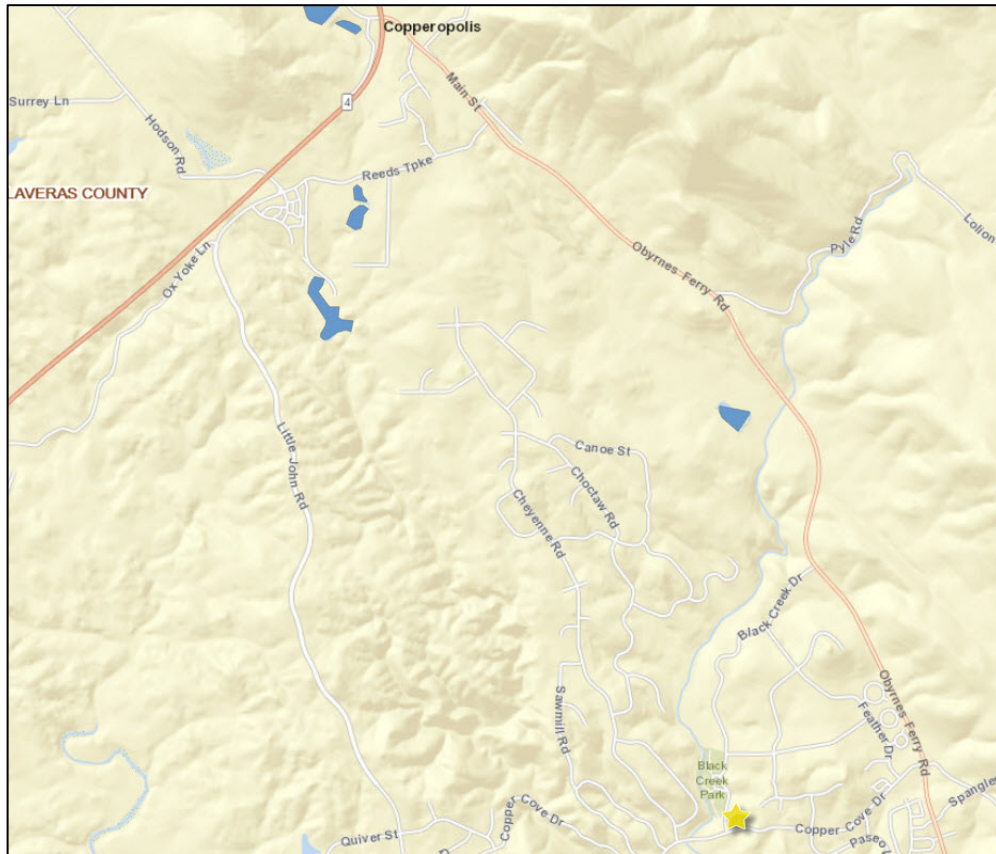


Figure 1- Location Map

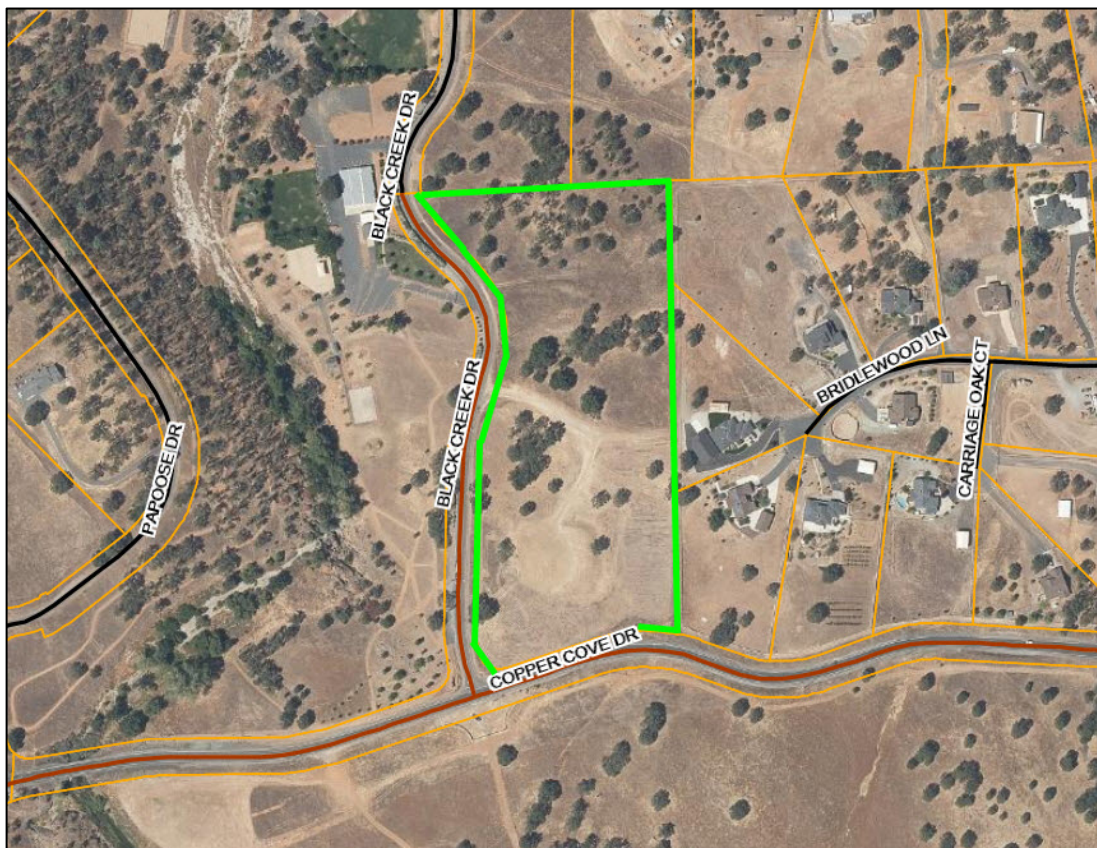


Figure 2- Aerial Photo (Parcel boundary lines shown in green do not reflect the actual location)

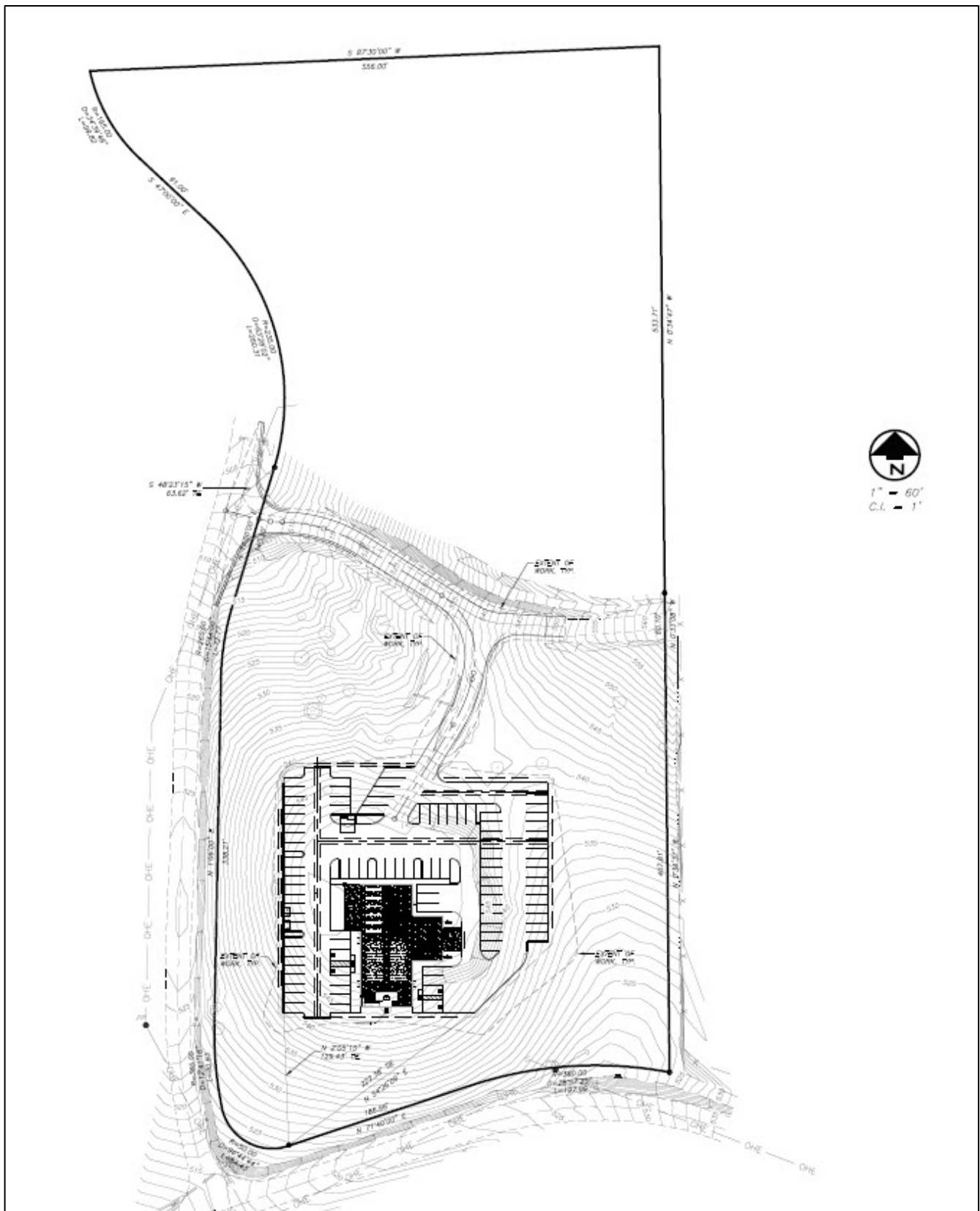


Figure 3- Site Plan



Figure 4 – Building Simulation



Figure 5- Building and Parking Simulation

I. AESTHETICS

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
Except as provided in Public Resources Code §21099, would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publically accessible vantage points). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

DISCUSSION

- a) **Less Than Significant Impact** – The Conservation and Open Space element of the Calaveras County General Plan¹ considers scenic vistas to include forests, rolling hills, ranches, agricultural land, historic landscapes, oak woodlands, rock formations, and other unique topographical features, river corridors, lakes, and streams. There are no designated scenic vistas in the vicinity of the project site. The topography of the property consists of gently rolling hills. Vegetation generally consists of oaks, annual grasses and weed species. A natural swale that accommodates seasonal run-off runs along the eastern boundary of the property. The surrounding parcels are developed with single family residences. Given these existing conditions, the proposed church could obstruct views available from the residences to the east and north of the project site. However, the proposed building will be relatively low in height (single story, 27 feet tall), and the majority of the parcel, being 10 acres in size, will remain undeveloped. Therefore, impacts related to scenic vistas would be less than significant.
- b) **No Impact** – The parcel is located at the intersection of Copper Cove Drive and Black Creek Drive, neither of which are near a state scenic highway designated by Caltrans.
- c) **No Impact** – The parcel is within the Copper Cove residential subdivision, and there are no Public Views that are experienced from publically accessible vantage points at the project site or in the surrounding area. The project is not located in an urbanized area, and would not conflict with applicable zoning and other regulations governing scenic quality.

- d) ***Less Than Significant Impact*** – All new lighting will adhere to Calaveras County Code 17.36.060(C) which states that exterior lighting shall be shielded and directed in such a manner that it does not shine directly into adjoining residences. With the adherence to outdoor lighting regulations at the time of development, the proposed project would not create new sources of substantial lighting or glare that would generate a significant impact.

II. AGRICULTURE AND FORESTRY RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.

Would the project:

- a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?
- b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?
- c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?
- d) Result in the loss of forest land or conversion of forest land to non-forest use?

<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|

DISCUSSION

- a-e) **No Impact** – According to the County General Plan, the proposed project is not located on land classified as high capability agriculture, and there are no agricultural activities occurring within its boundary. No prime farmland will be converted as a result of this project. The proposed project is permitted in the Rural Residential zone with approval of a Conditional Use Permit. The proposed project site is not restricted by a Williamson Act contract. The County's General Plan and Zoning Ordinance does not consider the project site to be high capability timberland or a timber production zone, therefore, the proposed project would not result in loss or conversion of forest land to a non-forest use. The parcel is within the Copper Cove residential subdivision. The proposed project is consistent with the County's Zoning Ordinance, and the use defined under Chapter 17.22 of the Zoning Ordinance. Thus, the proposed project will not result in a conversion of farmland or forest land.

III. AIR QUALITY

Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.

Would the project:

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

The proposed project is located in Calaveras County, which is part of the Mountain Counties Air Basin (MCAB). Air quality within the County is under the jurisdiction of the Calaveras County Air Pollution Control District (CCAPCD). Although the County has experienced relatively good air quality, it has been classified as a non-attainment area for the State and Federal ozone

standards (1-hour and 8-hour) and particulate matter standards (PM2.5 and PM10). To become designated as a non-attainment area for the State and Federal standards, there must be at least one monitored violation of the ambient pollutant standards within the area's boundaries. An area is designated in attainment of the State standard if concentrations for the specified pollutant are not exceeded. An area is designated in attainment for the Federal standards if concentration for the specified pollutant is not exceeded on average more than once per year.

a-c) **Less Than Significant Impact** – Table 1, below, represents the thresholds established by the San Joaquin Valley Air Pollution Control District³ and emissions generated by the proposed operations and construction of the project. Proposed emissions were calculated using California Emissions Estimator Model (CalEEMod Version 2016.3.2) through the California Air Quality Management District.

As depicted in the Table, the proposed project will not exceed the thresholds of significance identified for these air pollutants.

	ROG	NOx	CO	PM10
Thresholds of Significance	10 tons/year	10 tons/year	None	15 tons/year
Operations and Area Source (tons/year unmitigated)	1.6	8.5	5.9	3.7

The nearest sensitive receptor to the project site are two residences located directly adjacent to the east of the project site. Construction activities will create temporary emissions of dust and construction equipment exhaust. However, these activities are not considered to be significant and are temporary in nature.

d) **No Impact** – The primary source of odor emissions would be exhaust from vehicles traveling to and from the church which would dissipate. The proposed project will not create any objectionable odors near a substantial amount of people.

IV. BIOLOGICAL RESOURCES

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
Would the project:				
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 Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

California Department of Fish and Wildlife
or US Fish and Wildlife Service?

- | | | | | |
|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DISCUSSION

- a) **Less Than Significant Impact** – No candidate, sensitive, or special status species are known to be on or near the parcel in question. The parcel is currently undeveloped and is adjacent to the Copper Cove and Bridlewood Subdivisions, with adjacent parcels to the north and east developed with single family residences.
- b) **No Impact** – No riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or US Fish and Wildlife Service is known to exist on or near the parcel in question.
- c) **No Impact** – No state or federally protected wetlands exist on or near the parcel.
- d) **Less Than Significant Impact** – No migratory wildlife corridors, or native wildlife nursery sites are known to exist on the property. The proposed development will not interfere with the local wildlife to a significant degree when compared to the existing baseline of the surrounding area.
- e-f) **No Impact** – No policies, ordinances, or conservation plans are in effect within the area where the subject parcel is located.

V. CULTURAL RESOURCES

Would the project:

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
--	---	---	---	----------------------

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Disturb any human remains, including those interred outside of dedicated cemeteries? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DISCUSSION

a-c) **No Impact** – There are no known cultural or historic resources located on the parcel or in the surrounding area. The project is in an area of low archaeological sensitivity. The development of the property will require earthwork and grading activities. The applicant will be required to get a grading permit prior to any earthwork or grading activities, and if any remains or artifacts are found construction will be halted.

VI. ENERGY

- | | <u>POTENTIALLY
SIGNIFICANT
IMPACT</u> | <u>LESS THAN
SIGNIFICANT
IMPACT
WITH
MITIGATION</u> | <u>LESS THAN
SIGNIFICANT
IMPACT</u> | <u>NO
IMPACT</u> |
|---|---|---|---|--------------------------|
| Would the project: | | | | |
| a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

DISCUSSION

- a) **Less Than Significant Impact** – The proposed church will use electric power from the grid and will be built to all applicable energy codes to prevent energy waste and unnecessary consumption. The increased energy usage resulting from the use of the church when compared to the existing baseline in the surrounding area is less than significant.
- b) **Less Than Significant Impact** – Calaveras County has not adopted a local renewable energy or energy efficient plan. All new construction must comply with adopted State regulations.

VII. GEOLOGY AND SOILS

- | | <u>POTENTIALLY
SIGNIFICANT
IMPACT</u> | <u>LESS THAN
SIGNIFICANT
IMPACT
WITH
MITIGATION</u> | <u>LESS THAN
SIGNIFICANT
IMPACT</u> | <u>NO
IMPACT</u> |
|--|---|---|---|----------------------|
|--|---|---|---|----------------------|

Would the project:

- | | | | | |
|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: | | | | |
| 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. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| ii. Strong seismic ground shaking? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| iii. Seismic-related ground failure, including liquefaction? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| iv. Landslides? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Result in substantial soil erosion or the loss of topsoil? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DISCUSSION

- a) **No Impact** – Calaveras County lies within the Sierra Block, an area of historically low seismicity. Although ground shaking from earthquakes with epicenters located elsewhere have been felt, no major earthquakes have been recorded within the County. The closest known source of large earthquakes is the Sierra Frontal Fault System along the eastern margin of the Sierra Nevada, which includes the Carson Valley Fault. This fault is located east of the County, and has been evaluated as capable of generating earthquakes of up to the magnitude 7.0. However, the risk of surface rupture is not considered sufficient to restrict the development found in the County. Sites in Calaveras County with liquefaction potential would be those alluvial deposits having groundwater and sand or silt layers of uniform grain sizes within about 30 feet of the surface. Such conditions are not found on the subject parcel and are generally not present in the County.

- b-c) **Less Than Significant Impact** – The areas of particular landslide concern are those that include high elevations with steep ravines and gulches associated with river and stream channels. Ranging in elevation from approximately 525 to 545 feet, the parcel's topography consist of low rolling hills, and has no ravines or gulches associated with rivers or stream channels. According to the USDA Natural Resources Conservation Service soil maps⁴, the subject parcel contains soil classified as "Copperopolis-Whiterock complex, 3 to 15 slopes, rocky." This soil type consists of channery loam in the top 14 inches, which is residuum from the weathered slate bedrock below, and is therefore more resistant to detachment. Utilization of best management practices to reduce the risk of erosion is a requirement of all grading and building in the County.
- d) **No Impact** – According to the USDA Natural Resources Conservation Service, Copperopolis-Whiterock complex is not considered an expansive soil type.
- e) **Less Than Significant Impact** – The proposed church will create an increased need for use of on-site wastewater disposal. During the plan check process, building plans are examined for compliance with the uniform building code. This process requires a soils report be submitted with all construction plans to ensure the proposed structure will not be compromised do to unstable soil conditions. The standards vary depending on the location and type of structure proposed. Given the size of the subject parcel, it is unlikely that a suitable site cannot be found for the future construction of septic systems.
- f) **No Impact** – There are no known unique paleontological resources or sites or unique geologic features on or near the subject parcel.

VIII. GREENHOUSE GAS EMISSIONS

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

DISCUSSION

- a-b) **Less Than Significant Impact** – An incremental increase in greenhouse gas emissions may be generated through construction due to construction operations and auto emissions from continued use of the church. Building standards in Title 24 of the California Code of Regulations (California Building Standards Code) dictate high-efficiency materials and construction for residential and non-residential buildings. Emissions from the new construction are therefore already reviewed under the standards contained in Title 24. Auto emissions are the primary source of greenhouse gas (GHG) emissions in Calaveras County, however, the County has not adopted a plan or program to reduce GHG's so the proposed

project would not be in conflict with any such plan or program. The construction and use of the church would have a less than significant impact.

IX. HAZARDS AND HAZARDOUS MATERIALS

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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 or excessive noise for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

a-g) **No Impact** – No hazardous materials would be used or stored on the project site. The subject parcel is not within ¼ mile of an existing or proposed school. The subject parcel is not included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. The subject parcel is not located in an airport land use plan or within 2 miles of a public use airport. All applicable Federal, State, and County regulations will apply to all hazardous materials that may be used or stored on the subject parcel in the future. There is

no adopted emergency response plan or emergency evacuation plan specifically involving the parcel in question. The proposed project does not impede any traffic or alter any roads.

The project was routed to all applicable fire protection districts and agencies. Comments were received from the Copperopolis Fire Protection District with standard requirements for existing driveway access and fire suppression systems for the structure.

X. HYDROLOGY AND WATER QUALITY

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(i) result in substantial erosion or siltation on- or off-site;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or offsite;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(iii) 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; or	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(iv) impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a) **No Impact** – The proposed church will not inherently cause any additional waste discharge or similar affluent that would cause degradation of ground water quality. All construction and operation of uses on the parcel are subject to all applicable codes, policies, and regulations regarding waste discharge and water quality.
- b) **No Impact** – The proposed church will be serviced by public water not groundwater, and shall therefore, no substantially decrease groundwater supplies or interfere substantially with groundwater recharge.
- c) **Less Than Significant Impact** – The construction of the church could result in minimal runoff and small amounts of erosion. Best Management Practices (BMP's) during all construction related activities such as grading, excavating, etc., are utilized and enforced by the Public Works Department during grading activities, as well as the Building Department during the actual construction of a structure, resulting in a less than significant effect on the surrounding area.
- d) **No Impact** – The subject parcel is not in a flood hazard, tsunami, or seiche zone.
- e) **No Impact** – There is no water quality control plan or sustainable groundwater management plan for the area of the County in which the subject parcel is located.

XI. LAND USE AND PLANNING

Would the project:	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a) **No Impact** – The proposed church will not create a barrier that would physically divide a community.
- b) **No Impact** – No plan, policy, or regulation to avoid or mitigate an environmental effect currently exists on the adjacent to the subject parcel.

XII. MINERAL RESOURCES

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
--	---	---	---	----------------------

Would the project:

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DISCUSSION

a-b) **No Impact** – There are no known mineral resources on the subject parcel.

XIII. NOISE

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
Would the project result in:				
a) Generation of a substantial, temporary, or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) For a project located within the vicinity of a private airstrip or 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 levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

a-b) **Less Than Significant Impact** – Certain land uses are particularly sensitive to noise and vibration. In general, these uses include residences, schools, hospital facilities, houses of worship, and open space/recreation areas where quiet environments are necessary for the enjoyment, public health, and safety of the community. The parcel in question is currently undeveloped and is adjacent to a residential subdivision. The nearest sensitive receptor is a single family residence directly adjacent to the east of the project site.

There is potential for vibration and increased noise levels in the area during future construction of the church. Noise generated by construction equipment, including earthmovers, material handlers and electrical generators can reach high levels (79 to 90 decibels, A-scale measured at 50 feet). However, construction related impacts are considered short term in nature and are not expected to be significant. The General Plan

states the 60 dB Ldn is the upper limit of exterior noise allowed for a single family land use district. This standard is also acceptable according to the State Office of Noise Control. Other than existing residential dwellings, there are no known potential noise generators in the area. This includes a roadway that would generate noise levels in excess of the 60 db Ldn threshold level stated in the General Plan.

- c) **No Impact** – The parcel is not located within the vicinity of a private airstrip or an airport land use plan or within two miles of a public airport or public use airport.

XIV. POPULATION AND HOUSING

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a) **No Impact** – The proposed project does not change the allowed density of housing, and is not extending any roads or other infrastructure that would enable further development.
- b) **No Impact** – The proposed project will not result in the displacement or demolition of any existing housing.

XV. PUBLIC SERVICES

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
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:				
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a. **No Impact** – Fire & Police Protection – The project was circulated to the Copperopolis Fire Protection District and the Sheriff's Department and no objection was provided either in writing or verbally regarding the construction of the church significantly altering response times or other performance objectives. These entities currently provide services to the existing development in the area without difficulty. As previously mentioned in this document, CFPD did request adequate access and suppression requirements. As this project is for the construction of a new church, there will be no impact to schools, parks or other public facilities.

XVI. RECREATION

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a-b) **No Impact** – The proposed project does not include any expansion of residential uses which would increase the use of any existing neighborhood and regional parks or other recreational facilities in the vicinity. No new housing or infrastructure is proposed that could result in an increase of park use.

XVII. TRANSPORTATION

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
Would the project:				
a) Conflict with a program plan, ordinance or policy addressing the circulation system,	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- | | | | | |
|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| including transit, roadway, bicycle, and pedestrian facilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) Conflict or be inconsistent with CEQA Guidelines §15064.3, subdivision (b)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Result in inadequate emergency access? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

DISCUSSION

- a) **No Impact** –The project site is located at the northeast corner of the intersection of Copper Cove Drive and Black Creek Drive. Copper Cove Drive is a Public Connector road with an adequate service level. Black Creek Drive meets County standards. The proposed project will utilize the existing infrastructure and will not conflict with any plans, ordinances, or policies in regards to transportation. The project will not affect existing transportation systems or alter present patterns of circulation.
- b) **Less Than Significant Impact** – Calaveras County Council of Governments is currently working on SB 743 vehicle miles traveled (VMT) implementation guidelines, as such, there currently is no applicable screening criteria or threshold of significance to determine a significant impact for projects within Calaveras County. The Crossroads Church is currently renting space on Main Street in downtown Copperopolis, approximately 4 miles north of the project site. As this project will include a change in location within Copperopolis, it would not result in a significant change to the current vehicle miles traveled attributable to the use of the rented place of worship on Main Street, and therefore, would have a less than significant impact to transportation.
- c) **Less Than Significant Impact** – Black Creek Drive is a County maintained road which extends from O’Byrnes Ferry Road to the north and Copper Cove Drive to the south, and provides access to Copper Cove Subdivision Unit 4. Copper Cove Drive is a two-lane collector roadway extending from its intersection with Little John Road eastward to its terminus at O’Byrnes Ferry Road. The project site is approximately 1 mile west from the intersection of Copper Cove Drive and O’Byrnes Ferry Road, and approximately 1.7 miles east of the intersection of Copper Cove Drive and Little John Road. Copper Cove Drive provides access to a large portion of the residential areas in Copperopolis, as well as some commercial areas, and being the collector roadway, it would serve as the primary route to access the project site. Although Copper Cove Drive contains a number of sharp curves and one length includes a relatively steep grade, the section of Copper Cove Drive within the vicinity of the intersection of Black Creek Road is relatively level and straight.

Access to the parcel will be served by a driveway off of Black Creek Road, which Public Works has conditioned to be a commercial encroachment. The proposed encroachment is approximately 600 feet from the intersection of Copper Cove Drive which is adequately setback and will not create any hazardous design features. The proposed church will be constructed on the top of a hill, and will not change the current design of the intersection of

Black Creek Road and Copper Cove Drive, and no new roads will be constructed to serve the project.

The Department of Public Works has reviewed the project and has determined that a Traffic Analysis will need to be done to determine the need for a left turn pocket at the location of entrance on Black Creek Drive. If the analysis indicates that a pocket is needed, the applicant will be required to provide plans and improve the left turn pocket prior to Certificate of Occupancy.

- d) **No Impact** – The project will require a commercial encroachment onto Black Creek Drive which already meets the County Road Standards. The project was circulated to the CFPD and the Sheriff’s Department and no objection was provided either written or verbal regarding the construction of a new church in the area significantly altering response times or other performance objectives.

XVIII. TRIBAL CULTURAL RESOURCES

Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

- a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or
- b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
---	---	---	----------------------

☐
☐
☐
☒
☐
☐
☐
☒

DISCUSSION

- a-b) **No Impact** – The project site is an unimproved, vacant parcel void of historical resources. Calaveras County does not maintain local register of historical resources officially designating or recognizing parcels as historically significant. As part of the processing of the project application, County staff initiated consultation with tribes that have requested formal

notification of proposed projects within their geographic area of traditional and cultural affiliation per AB 52 Notification Request, Public Resources Code Section 21080.3(b). The Calaveras Band of Miwuk Indians, the California Valley Miwok Tribe, and the Lone Band of Miwok Indians have been notified of this project. No responses were received from the tribes.

XIX. UTILITIES AND SERVICE SYSTEMS

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment, stormwater drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a-e) **No Impact** – The proposed project is located in a portion of Calaveras County where public water is available but no public sewer. As the project is not within a sewer district, the sewage disposal needs of the project will be served by an on-site system. The project proposal was circulated to other utility agencies for an opportunity to comment on the project. The County has not received any letters concerning impacts to their services. There are no on-site utilities that will need to be re-located or otherwise impacted by the project. The proposed project will not require the construction of additional infrastructure. The Copperopolis Recycling and Disposal Transfer Station is located not far from the project site, which has adequate capacity to serve the solid waste disposal needs of the proposed church, and would not require expansion of the facility to accommodate its needs.

XX. WILDFIRE

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

DISCUSSION

- a) **No Impact** –Construction of the proposed project would not involve the development of structures that could potentially impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan, including the Calaveras County Local Hazard Mitigation Plan. The project will not result in the re-location of existing roads or be required to build new roads to serve the project. The proposed parcels will be served by an individual driveway required to meet fire life safety standards set forth in Section 8.10.340 of County Code.
- b-c) **Less Than Significant Impact** – The project site is located in an area of the county classified as a moderate fire hazard severity zone. The area surrounding the project site is developed residential subdivisions. The site for the church on the parcel is on top of a hill which has been previously cleared and graded, and consists of grassland and sparse oaks. Wildfires may potentially occur in the open space areas to the south and spread to the site. In addition, the proposed project would introduce new potential ignition sources in the form of building materials, vehicles, and small machinery (i.e. for landscape maintenance). As the subject parcel is currently undeveloped, construction of the proposed project could therefore expose greater numbers of people to pollutant concentrations or the uncontrolled spread of wildfire.

However, the construction of the church would be required to comply with the California Fire Code, which would ensure that new construction would not exacerbate wildfire risk at the project site and surrounding area. The Copperopolis Fire Protection District is requiring water storage or addition of a new hydrant, therefore, the project will not result in conditions to further maintenance of infrastructure which might exacerbate the risk of fire.

- d) ***Less Than Significant Impact*** –Areas with slopes greater than 20% may be susceptible to erosion, instability, or landslides, especially during periods of high rainfall or snowmelt. In respect to areas recently affected by wildfires, steep slopes can be the site of fast-moving, highly destructive debris flows in response to heavy rains. The subject parcel contains soil classified as being more resistant to detachment. Slopes on the project site are less than 20%, posing a less than significant risk to landslides. The subject parcel is not in a flood zone, nor does the site have a significant risk of erosion or runoff. The construction of a church and associated parking will not negatively alter any risk that may or may not currently exist on the subject parcel.

XXI. MANDATORY FINDINGS OF SIGNIFICANCE

	<u>POTENTIALLY SIGNIFICANT IMPACT</u>	<u>LESS THAN SIGNIFICANT IMPACT WITH MITIGATION</u>	<u>LESS THAN SIGNIFICANT IMPACT</u>	<u>NO IMPACT</u>
a) Does the project have the potential to Substantially 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, substantially 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project 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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISCUSSION

- a) ***No Impact*** – Based on the information and analysis provided throughout this Initial Study, implementation of the proposed project would not substantially degrade the quality of the

environment and would not 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 rare or endangered plants or animals, or eliminate important examples of California history or prehistory. There are no known habitat or species or cultural resources that will be impacted by the proposed project. The subject parcel is currently undeveloped and is adjacent to residential subdivisions. The construction of a new church will not impact the surrounding environment.

- b) **No Impact** – The Conditional Use Permit for the construction of a church would not create a cumulative impact to any of the items discussed above. The proposed use is permitted in the Rural Residential zone with a CUP, therefore, the project is consistent with the General Plan and Zoning Code. The impacts discussed above are either minor in nature or can be addressed through the compliance with County and State Development Standards. The proposed project would incrementally increase traffic compared to existing conditions. However, due to the low volume of traffic generated by the proposed project, and the fact that the Crossroads Church is currently renting a space in Copperopolis, the proposed project would not significantly contribute to cumulative impacts to vehicle miles traveled. The proposed project would not result in a significant contribution to cumulatively considerable impacts.
- c) **No Impact** – The analysis of environmental issues contained in this Initial Study indicates that the project is not expected to have substantial adverse effects on human beings, either directly or indirectly. Best management practices, compliance with standard regulations, and conditions of approval will reduce any impacts to a level of less than significant.

REFERENCES

1. Calaveras County General Plan, adopted November 12, 2019
2. Calaveras County Municipal Code.
3. Calaveras County Air Quality Management District, *Best Management Practices*, 2004.
4. Calaveras County Planning Department. Land Use Application completed by The Crossroads Church, dated January 28, 2021.
5. United States Department of Agriculture, Natural Resources Conservation Service. Web Soil Survey. <https://websoilsurvey.sc.egov.usda.gov/app/WebSoilSurvey.aspx>
6. California Department of Transportation. California Scenic Highway Mapping System. <https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways>
7. San Joaquin Valley Air Pollution Control district. CEQA Project Analysis Levels <https://www.valleyair.org/transportation/ceqaanalysislevels.htm>
8. Bay Area Economics, *County of Calaveras Copperopolis Benefit Basin Roadway Impact Fee Nexus Analysis Update*. May 18, 2007. https://publicworks.calaverasgov.us/Portals/PublicWorks/Documents/Roads/Calaveras_County_Copperopolis_Fee_Study_5-18-07.pdf
9. The Institute of Transportation Engineers Trip Generation Manual <https://www.ite.org/technical-resources/topics/trip-and-parking-generation/trip-generation-10th-edition-formats/>
10. United States Department of Agriculture, Natural Resources Conservation Service. Web Soil survey. <https://websoilsurvey.sc.egov.usda.gov/app/WebSoilSurvey.aspx>
11. California Department of Forestry. *Fire Hazard Severity Zones in State Responsibility Areas*. Adopted by CAL FIRE on November 7, 2007.
12. California Department of Conservation, Division of Mines and Geology. Probabilistic Seismic Hazard Assessment for the State Of California; CDOC/DMG Open File Report 96-08 and USDI/USGS Open File Report 96-706; prepared in cooperation with the U.S. Department of the Interior, U.S. Geological Survey; 1996.