

## SINGLE-FAMILY RESIDENTIAL PROJECT FINDINGS

### I. INTRODUCTION & PURPOSE OF THIS DOCUMENT

The Tahoe Regional Planning Compact requires TRPA to make findings before taking certain actions, including approval of projects. In addition, the Regional Plan package, including the Goals and Policies, Code of Ordinances, and Plan Area Statements, set forth other findings that must be made. This document is intended to assist applicants in locating and making the required findings for their specific project. Written findings rationale is an application checklist item, meaning findings are required at time of application submittal.

### II. HOW TO USE THIS DOCUMENT

This document lists all required findings for Single-family residential projects, organized by Code chapter and subsection. The applicant must read through the findings (Section IV in this document) to determine which pertain to their specific project. Not all findings will be applicable to every project. It is suggested to copy and paste the applicable findings into a separate document and provide a written response and rationale for making the findings beneath. Examples are provided in Section III of this document. The rationale must include a detailed explanation of how the project meets the required finding. Simply restating the finding is not acceptable.

### III. SAMPLE FINDINGS

Finding 22.7                      The impacts of the coverage and disturbance are fully mitigated through means including, but not limited to, the following:

- i. Application of best management practices; and
- ii. Restoration, in accordance with Section 22.7.3, of land in Land Capability Districts 1a, 1c, 2, and 3 in the amount of 1.5 times the area of land in such districts coverage or disturbed for the project beyond that permitted by the coefficients in Subsection 30.4

Rationale:                      Temporary best management practices (BMPs) will be implemented during construction including sediment barriers and vegetation protection fencing. Permanent BMPs will include revegetation over the entire area disturbed by the project. The project is not adding coverage or new disturbance to the area. Therefore, it is not required to provide 1.5 times the amount of restoration needed. This project will be restoring the proposed disturbed area on a 1 to 1 basis.

Finding 37.7.1:                      When viewed from major arterials, scenic turnouts, public recreation areas or the waters of Lake Tahoe, from a distance of 300 feet, the additional height will not cause a building to extend above the forest canopy, when present, or a ridgeline. For height greater than that set forth in Table 37.4.1-1 for a 5:12 roof pitch, the additional height shall not increase the visual magnitude beyond that permitted for structures in the shoreland as set forth in subsection 66.3.7. Additional Visual Magnitude, or Appendix H, Visual Assessment Tool, of the Design Review Guidelines.

Rationale:

The Property is visible from a distance of 300 feet from the highwater mark of Lake Tahoe. The additional height will not cause any part of the building to extend above the forest canopy or any ridgeline as shown in the attached photo. The photo is marked with the proposed height of the addition and clearly shows the forest canopy to be higher than the proposed building addition. The property is not located on a ridgeline. The project proposed additional height for a 5:12 pitch greater than that specified in Table A. A Visual Magnitude analysis was completed for this project and is not increased beyond that permitted for the structures on the shoreland as set forth in subparagraph 30.15.E. See attached visual magnitude analysis.

Finding 30.4.4.A

The relocation is to an equal or superior portion of the parcel.

Rationale:

The project area has been verified as Land Capability Classes 1b, 4, and 5. Coverage relocation will occur within the Class 1b district with a net reduction due to coverage retirement mitigation requirements. The proposed project will consolidate coverage in the areas adjacent to the buildings. No coverage will be relocated from Class 4 or Class 5 into Class 1b.

## IV. FINDINGS FOR SINGLE FAMILY RESIDENTIAL PROJECTS

### Chapter 4: Required Findings

Finding 4.4.1.A:

The project is consistent with and will not adversely affect implementation of the Regional Plan, including all applicable Goals and Policies, plan area statements and maps, the Code, and other TRPA plans and programs.

Rationale:

Finding 4.4.1.B:

The project will not cause the environmental threshold carrying capacities to be exceeded.

Rationale:

Finding 4.4.1.C:

Wherever federal, state, or local air and water quality standards apply for the region, the strictest standards shall be attained,

maintained, or exceeded pursuant to Article V (d) of the Tahoe Regional Planning Compact.

Rationale:

## **Chapter 21: Permissible Uses**

Finding 21.2.2.A: The project to which the use pertains is of such a nature, scale, density, intensity, and type to be an appropriate use for the parcel on which and surrounding area in which it will be located.

Rationale:

Finding 21.2.2.B: The project to which the use pertains will not be injurious or disturbing to the health, safety, enjoyment of property, or general welfare of persons or property in the neighborhood, or general welfare of the region, and the applicant has taken reasonable steps to protect against any such injury and to protect the land, water, and air resources of both the applicant's property and that of the surrounding property owners; and

Rationale:

Finding 21.2.2.C: The project which the use pertains will not change the charter of the neighborhood, or detrimentally affect or alter the purpose of the applicable planning area statement, community plan, and specific or master plan, as the case may be.

Rationale:

## **Chapter 30: Land Coverage**

30.4.2

Transferred Land Coverage Requirement

Finding 30.4.2.A.1.d:

The maximum limits in Table 30.4.2-1 may be increased by a transfer of land coverage for a driveway built in accordance with the standards in Chapter 24: Driveway and Parking Standards, which is to be created in connection with the construction of a single-family house on an existing parcel, provided TRPA finds that:

- (i) The construction will not result in a residential structure with land coverage greater than that permitted in Table 30.4.2-1 minus 400 square feet; and
- (ii) The single-family house, as a direct result of the increased land coverage, will be located on the parcel in such a manner that it shall cause the least harm to the natural environment through minimization of land alterations, grading, removal of vegetation, hydrological impacts and preservation of trees and other flora.

Rationale:

30.4.4

Relocation of TRPA-Verified Existing Land Coverage

Finding 30.4.4.A

The relocation is to an equal or superior portion of the parcel or project area, as determined by references to the following factors:

- 1. Whether the area of relocation already has been disturbed
- 2. The slope of and natural vegetation on the area of relocation
- 3. The fragility of the soil on the area of relocation
- 4. Whether the area of relocation appropriately fits the scheme of use of the property
- 5. The relocation does not further encroach into a stream environment zone, backshore, or the setbacks established in the Code for the protection of stream environment zones or backshore
- 6. The project otherwise complies with the land coverage mitigation program set forth in section 30.6

Rationale:

Finding 30.4.4.B

The area from which the land coverage was removed for relocation is restored in accordance with Subsection 30.5.3.

Rationale:

Finding 30.4.4.C.

The relocation is not to Land Capability Districts 1a, 1b, 1c, 2, or 3 from any higher numbered land capability district.

Rationale:

Finding 30.4.4.D.1

If the relocation from one portion of a stream environment zone to another portion, there is a net environmental benefit to the stream environment zone.

Rationale:

Finding 30.4.4.D.2

Retirement of land coverage in the affected stream environment zone in the amount of 1.5:1 of the amount of land coverage being relocated within a stream environment zone; or

Rationale:

Finding 30.4.4.D.3

For projects involving the relocation of more than 1,000 square feet of land coverage within a stream environment zone, a finding, based on a report prepared by a qualified professional, that the relocation will improve the functioning of the stream environment zone and will not negatively affect the quality of existing habitats.

Rationale:

30.5.1 Exceptions to Prohibition in Land Capability Districts 1a, 1c, 2, and 3

Finding 30.5.1.C Public Service Facilities

Land coverage and disturbance for public service facilities may be permitted in Land Capability Districts 1a, 1c, 2, and 3 if TRPA finds that:

1. The project is necessary for public health, safety, or environmental protection;
2. There is no reasonable alternative, including relocation, that avoids or reduces the extent of encroachment in Land Capability Districts 1a, 1c, 2, or 3; and
3. The impacts of the coverage and disturbance are fully mitigated in the manner prescribed by subparagraph 30.5.1.B.5.

Rationale:

Finding 30.5.1.D Water Quality Control Facilities

Land coverage and disturbance may be permitted in Land Capability Districts 1a, 1c, 2, and 3 for erosion control projects, habitat restoration projects, wetland rehabilitation projects, stream environment zone restoration projects, and similar projects, programs, and facilities if TRPA finds that:

1. The project, program, or facility is necessary for environmental protection;
2. There is no reasonable alternative, including relocation, that avoids or reduces the extent of encroachment in Land Capability Districts 1a, 1c, 2, or 3; and
3. Impacts are fully mitigated and, if applicable, transferred land coverage requirements pursuant to subparagraph 30.4.3.B.5 are met.

Rationale:

30.5.2 Exceptions to Prohibition in Land Capability District 1b (Stream Environment Zone)

Finding 30.5.2.A Stream Crossings. Land coverage and disturbance for projects to provide

access across stream environment zones to otherwise buildable sites, if such projects otherwise comply with applicable development standards in Chapter 32: *Basic Services*, may be permitted in Land Capability District 1b (Stream Environment Zone) if TRPA finds that:

1. There is no reasonable alternative, including relocation, that avoids or reduces the extent of encroachment in the stream environment zone, or that encroachment shall be necessary to reach the building site recommended by IPES; and
2. The impacts of the land coverage and disturbance are fully mitigated in the manner set forth in subparagraph 30.5.1.B.5, with the exception that the restoration requirement in such subsection shall apply exclusively to stream environment zone lands and shall include coverage and disturbance within the permitted Bailey coefficients.

Rationale:

Finding 30.5.2.C

Public Service

Land coverage and disturbance for public service facilities may be permitted in Land Capability District 1b (Stream Environment Zone) if TRPA finds that:

1. The project is necessary for public health, safety, or environmental protection;
2. There is no reasonable alternative, including a bridge span or relocation, that avoids or reduces the extent of encroachment in the stream environment zone; and
3. The impacts of the land coverage and disturbance are fully mitigated in the manner set forth in subparagraph 30.5.1.B.5, with the exception that the restoration requirement in such subsection shall apply exclusively to stream environment zone lands and shall include coverage and disturbance within the permitted Bailey coefficients.

Rationale:

Finding 30.5.2.D

Water Quality Control Facilities

Land coverage and disturbance may be permitted in Land Capability District 1b (Stream Environment Zone) for erosion control projects, habitat restoration projects, wetland rehabilitation projects, stream environment zone restoration projects, and similar projects, programs, and facilities if TRPA finds that:

1. The project, program, or facility is necessary for environmental

- protection;
- 2. There is no reasonable alternative, including relocation, that avoids or reduces the extent of encroachment in the stream environment zone; and
- 3. Impacts are fully mitigated and, if applicable, transferred land coverage requirements pursuant to subparagraph 30.4.3.B.5 are met.

Rationale:

## **Chapter 32: Basic Services**

### 32.3.1

#### Paved Roads

#### Finding 32.3.1

TRPA may permit a waiver of this requirement if the agency finds that one of the following criteria is met:

- A. The project is subject to a variance for historically significant structures and districts pursuant to Chapter 67: *Historic Resource Protection*;
- B. The roadway is not designated to be paved by the surface water management plan (Volume I of the 208 Water Quality Plan as amended);
- C. The project is the expansion of a single-family dwelling;
- D. The permittee posts a security with TRPA in an amount equal to 110 percent of the permittee's fair share of the estimated cost of paving the road serving the parcel. TRPA shall apply the procedures established in law by the local jurisdiction to determine a fair share, or in the absence of such procedures, shall adopt a procedure for determining a fair share. This waiver shall not apply to the construction or reconstruction of a commercial, tourist accommodation, or multi-family residential project; or
- E. A program has been established that provides assurance the road will be paved within five years.

Rationale:

### 32.4.2

#### Water Supply

#### Finding 34.2.B

If the above minimum fire flow requirements cannot be met, TRPA may waive the requirements in Table 32.4.2-1, if an alternative fire protection design that adequately complies with the intent of the adopted fire code has been approved by the applicable fire agency.

Rationale:

## **Chapter 33: Grading and Construction**

### 33.3.6

#### Excavation Limitations

#### Finding 33.3.6.2

TRPA may approve exceptions to the prohibition of groundwater interception or interference if TRPA finds that:

- a. Excavation is required by the International Building Code (IBC) or local building code for minimum depth below natural ground for above ground structures;
- b. Retaining walls are necessary to stabilize an existing unstable cut or fill slope;
- c. Drainage structures are necessary to protect the structural integrity of an existing structure;
- d. It is necessary for the public safety and health;
- e. It is a necessary measure for the protection or improvement of water quality;
- f. It is for a water well;
- g. There are no feasible alternatives for locating mechanical equipment, and measures are included in the project to prevent groundwater from leaving the project area as surface flow, and any groundwater that is interfered with is rerouted in the ground water flow to avoid adverse impacts to riparian vegetation;
- h. It is necessary to provide two off-street parking spaces, there is no less environmentally harmful alternative, and measures are taken to prevent groundwater from leaving the project area as surface flow;
- i. It is necessary to provide below grade parking for projects that qualify for additional height under subsection 37.5.4 or 37.5.9 to achieve environmental goals, including scenic improvements, land coverage reduction, and area-wide drainage systems. Measures shall also be included in the project to prevent ground water from leaving the project area as surface flow and that any groundwater that is interfered with is rerouted into the groundwater flow to avoid adverse impacts to hydrologic conditions, SEZ vegetation, and mature trees; or
- j. It is necessary for a marina expansion approved pursuant to Chapter 14: *Specific and Master Plans*; and the environmental documentation demonstrates that there will be no adverse effect on water quality.

Rationale:

### **Chapter 34: Driveway and Parking Standards**

#### 34.3

#### Driveways

##### Finding 34.3.2.B:

In the application of subsection 34.3.3 through 34.3.5, inclusive, TRPA shall encourage shared driveways if TRPA finds that the effect is equal or superior to the effect of separate driveways.

Rationale:

##### Finding 34.3.2.E:

Slopes of driveways shall not exceed the standards of the county or city in whose jurisdiction the driveway is located. Driveways shall not exceed ten percent slope, unless TRPA finds that the construction of a driveway with a ten percent or less slope would require excessive excavation and that the runoff from a steeper driveway shall be infiltrated as requires in Section 60.4, In no

Rationale:

case shall the driveway exceed 15 percent slope.

### **Chapter 35: Natural Hazard Standards**

#### 35.4.2

#### Prohibition of Additional Development, Grading, and Filing of Lands Within the 100-Year Floodplain

##### Finding 35.4.2.C

TRPA may permit projects to effect access across a 100-year floodplain to otherwise buildable sites if such projects comply with applicable development standards in Chapter 32: *Basin Services*, and if TRPA finds that:

1. There is no reasonable alternative that avoids or reduces the extent of encroachment in the floodplain; and
2. The impacts on the floodplain are minimized.

Rationale:

## **Chapter 36: Design Standards**

### 36.5.4                      Setback Standards (for parcels abutting roadways rated in TRPA’s Scenic Resource Inventory)

Finding 36.5.4.2:                      TRPA may approve building setbacks less than 20 feet if the reduced setback is approved by the appropriate local jurisdiction and TRPA finds that the project shall not cause a decrease in the numerical ratings assigned to the roadway unit, including the scenic quality rating of the individual resources within each unit, as recorded in the 1982 Scenic Resource Inventory and shown in Tables 13-3 and 13-8 of the Study Report for the Establishment of Environmental Threshold Carrying Capacities, October 1982. The criteria for rating scenic quality as identified in the study report cited herein shall be used to determine if a project will cause a decrease in the numerical rating.

## **Chapter 37: Height**

### 37.5                              Additional Height for Certain Buildings Additional Height for Roof Pitch up to 5:12

(requires Finding 1)

Finding 37.7.1:                      Finding 1: When viewed from major arterials, scenic turnouts, public recreation areas or the waters of Lake Tahoe, from a distance of 300 feet, the additional height will not cause a building to extend above the forest canopy, when present, or a ridgeline. For height greater than that set forth in Table 37.4.1-1 for a 5:12 roof pitch, the additional height shall not increase the visual magnitude beyond that permitted for structures in the shoreland as set forth in subsection 66.3.7. Additional Visual Magnitude, or Appendix H, Visual Assessment Tool, of the Design Review Guidelines.

Rationale:

Additional Height for Roof Pitch Greater than 5:12 (requires Findings 1, 2, and 8)

Finding 37.7.1: Finding 1: When viewed from major arterials, scenic turnouts, public recreation areas or the waters of Lake Tahoe, from a distance of 300 feet, the additional height will not cause a building to extend above the forest canopy, when present, or a ridgeline. For height greater than that set forth in Table 37.4.1-1 for a 5:12 roof pitch, the additional height shall not increase the visual magnitude beyond that permitted for structures in the shoreland as set forth in subsection 66.3.7. Additional Visual Magnitude, or Appendix H, Visual Assessment Tool, of the Design Review Guidelines.

Rationale:

Finding 37.7.2: Finding 2: When outside a community plan, the additional height is consistent with the surrounding uses.

Rationale:

Finding 37.7.8: Finding 8: The maximum building height at any corner of two exterior walls of the building is not greater than 90 percent of the maximum building height. The maximum height at the corner of two exterior walls is the difference between the point of lowest natural ground elevation along an exterior wall of the building and point at which the corner of the same exterior wall meets the roof.

Rationale:

**Chapter 61: Vegetation and Forest Health**

61.1.4 Old Growth Enhancement and Protection

Finding 61.1.5.B

Before tree-related projects and activities are approved by TRPA, TRPA shall find, based on a report from a qualified forester, that the project or activity is consistent with this chapter and the Code. TRPA may delegate permit issuance to a federal, state, or other qualified agency through a memorandum of understanding.

Rationale:

Finding 61.1.7.G

Tree Removal for Solar Access

TRPA may approve the removal of healthy trees provided TRPA finds that the trees unreasonably impede the operation of a solar energy system and that the solar energy system is properly located so as to minimize the need for tree removal.

Rationale:

**Chapter 67: Historic Resource protection**

67.7

Projects Relating to Historic Resources

Finding 67.7.3

Demolition

Historic resources shall not be demolished, disturbed, or removed unless TRPA finds that:

- A. The action will not be detrimental to the historic significance of the resource;
- B. The action is pursuant to a recovery plan approved by the applicable state historic preservation officer; or
- C. It is the only feasible alternative to protect the health and safety of the public.

Rationale:

Finding 67.7.4:

Construction, reconstruction, repair, and maintenance of historic resources shall

be in accordance with the U.S. Secretary of Interior’s Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings.

Rationale:

67.8

Exceptions for Historical Structures and Districts: To encourage the protection, maintenance, or rebuilding of sites, structures, or districts designated as a historic resource, TRPA may grant exceptions to certain provisions of this Code to allow reconstruction or repairs.

Finding 67.8.1

Exceptions may be granted if TRPA finds that:

- A. The site, structure, or district is designated as a historic resource; and
- B. The reconstruction, modification, or repair is in the public interest.

Rationale: