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Location 128 Market Street Stateline, NV 89449

Contact Phone: 775-588-4547 Fax: 775-588-4527

www.trpa.gov

STAFF REPORT

Date: December 7, 2023

To: **TRPA Hearings Officer**

From: TRPA Staff

Subject: Jerde Single Family Dwelling Addition; 192 Foothill Drive; Zephyr Cove, Douglas County, NV;

Assessor's Parcel Number (APN) 1318-10-310-045; TRPA File Number ERSP2023-0906

Staff Recommendation:

Staff recommends the Hearings Officer make the required findings and approve the project subject to the conditions in the draft permit.

Project Description/Background:

The proposed project is for the modification and addition to an existing single family dwelling located within Zephyr Cove Properties Historic District (also known as Zephyr Cove Unit #1) in Douglas County, Nevada. The property has an approximately 800 square foot cabin, deck, compacted gravel driveway, tent platform, and accessory shed. The existing cabin was built in 1928 and is considered a contributing resource to the historic district. The project proposes the reconstruction and expansion of a previous addition to expand the kitchen and add a bathroom. The addition will connect to the northeast side of the original cabin structure, which will remain intact. Other improvements include reduction and reconstruction of the exterior deck, paving of the driveway, and installation of full BMPs for the project area.

The existing single family dwelling has previously been identified as a historic resource by TRPA and the Nevada State Historic Preservation Office under criteria A and C, as documented in the US 50 (Snyder 2001) and Nevada Architectural Inventory (Zeier/Snyder 2011) (TRPA File # HIST2019-0360). The district is listed on the TRPA Historic Resource Map, and is eligible for listing with the National Historic Register of Historic Places. To ensure a more complete record of the historic structure, the permittee will provide archival quality photo documentation of the existing structure and property.

The property is located within Plan Area Statement 67-Marla Bay/Zephyr Heights, which encourages property owners to maintain or upgrade the existing structures consistent with the old Tahoe summer cabin style. The proposed addition has been designed to be similar to the style of the existing cabin, which consists of square log construction and bark-shingle siding. The addition will have similar log-construction siding and color, with a shallower pitch roof. The structure is not visible from any scenic corridor, recreation area, bike trail, or the waters of Lake Tahoe and the addition will conform to TRPA Design Review Guidelines. All building materials and colors will be consistent with the existing structure, and will be within the range of TRPA approved earth tones that blend, rather than contrast with the existing vegetation and earth hues.

Environmental Review:

TRPA staff completed the "Project Review Conformance Checklist and Article V(g) Findings". All responses contained on said checklist indicates compliance with the environmental threshold carrying capacities. A copy of the completed checklist is provided as Attachment D.

Plan Area Statement:

The project is located within Plan Area 67-Marla Bay/Zephyr Heights. The Land Use Classification is Residential and the Management Strategy is Mitigation. Agency staff has reviewed the subject Plan Area and has determined that the project is consistent with the applicable planning statement, planning considerations, and special policies. The proposed use (single family dwelling) is listed as an allowed use.

Regional Plan Compliance:

The proposed project is consistent with all applicable components of the Regional Plan.

Land Coverage:

The property has been verified as Land Capability Class 7. The base allowed land coverage is 3,090 square feet, with 2,599 square feet of verified coverage. The proposed coverage is 2,348 square feet. All land coverage needed for the project will be relocated onsite, and coverage removed as a part of this project will be banked and available for future use or transfer.

Historic Resources:

The residence on the property is considered eligible as a historic resource by TRPA for planning purposes. Additions, reconstruction, or demolition of eligible or designated historic resources requires review and approval by a Hearings Officer in accordance with Section 2.2.2.2.c of the TRPA Code. The addition is designed 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. Of note, the proposed addition is sympathetic to the existing building in scale, mass, and materials. It will not detract or cause adverse effects to the historic integrity or significance of the building. As such, TRPA is not requiring a resource recovery plan as mitigation for the proposed project. The structure is documented within the reports mentioned on page 1 of the staff report. The only mitigation required for the project will be to provide archival quality photo documentation of the existing structure and property. Upon completion of the project the residence will still be considered contributing to the historic district.

Project Application:

The file materials associated with this project are available at: <u>Parcel Tracker - ERSP2023-0906</u> (laketahoeinfo.org)

Required Actions:

Staff recommends that the Hearings Officer take the following actions, based on this staff summary and evidence in the record:

- 1. Approve the findings contained in this staff summary, and a finding of no significant environmental effect (Attachment A).
- 2. Approve the project, based on the staff summary, and record evidence, subject to the conditions contained in the attached Draft Permit (Attachment B).

Contact Information:

If you have any questions, please contact Theresa Avance via email at tavance@trpa.gov, or via telephone at (775) 589-5224. To submit a written public comment, email publiccomment@trpa.gov with the appropriate agenda item in the subject line. Written comments received by 4 p.m. the day before a scheduled public meeting will be distributed and posted to the TRPA website before the meeting begins.

TRPA does not guarantee written comments received after 4 p.m. the day before a meeting will be distributed and posted in time for the meeting.

Attachments:

- A. Required Findings/Rationale
- B. Draft Permit
- C. Project Plans
- D. Project Review Conformance Checklist and Article V(g) Findings

Attachment A Required Findings/Rationale

Required Findings/Rationale

The following is a list of the required findings as set forth in Chapter 4, and 30, of the TRPA Code of Ordinances. Following each finding, Agency staff has indicated if there is sufficient evidence contained in the record to make the applicable findings or has briefly summarized the evidence on which the finding can be made.

Chapter 4 – Required Findings:

- (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.
 - All evidence in the file and public record demonstrates that the proposed project will not adversely impact the Regional Plan, is consistent with the Glenbrook Plan Area Statement, complies with the TRPA Code of Ordinances, and will not adversely impact other TRPA plans and programs.
- (b) The project will not cause the environmental threshold carrying capacities to be exceeded.
 - TRPA staff has completed the "Project Review Conformance Checklist and Article V(g) Findings" in accordance with Chapter 4 of the TRPA Code of Ordinances. All responses contained on said checklist indicate compliance with the environmental threshold carrying capacities.
- (c) Wherever federal, state or local air and water quality standards applicable for the Region, whichever are strictest, must be attained and maintained pursuant to Article V(g) of the TPRA Compact, the project meets or exceeds such standards.

All potential effects are temporary and shall be mitigated through temporary and permanent Best Management Practices. The applicant will meet or exceed all federal, state, or local water and air quality standards. Upon completion of construction, the projects will have no impact upon water or air quality standards.

3. <u>Chapter 30 – Land Coverage</u>

(a) The relocation is to an equal or superior portion of the parcel, as determined by reference 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.

The entire parcel is identified as land capability Class 7 and the relocation will be specifically for the residence addition and to provide paved parking for the residence.

(b) The area from which the land coverage was removed for relocation is restored in accordance with Subsection 30.5.C.

Any areas where land coverage will be permanently removed will be revegetated and restored in accordance with Code requirements.

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

All relocated land coverage will be within Class 7.

Attachment B Draft Permit

DRAFT PERMIT

PROJECT DESCRIPTION: Single Family Dwelling Addition APN 1318-10-310-045 PERMITTEE(S): Jerde Trust FILE # ERSP2023-0906 COUNTY/LOCATION: Douglas/ 192 Foothill Dr. Having made the findings required by Agency ordinances and rules, the TRPA Hearings Officer approved the project on December 14, 2023, subject to the standard conditions of approval attached hereto (Attachment R) and the special conditions found in this permit. This permit shall expire on December 14, 2026 without further notice unless the construction has commenced prior to this date and diligently pursued thereafter. Commencement of construction consists of pouring concrete for a foundation and does not include grading, installation of utilities or landscaping. Diligent pursuit is defined as completion of the project within the approved construction schedule. The expiration date shall not be extended unless the project is determined by TRPA to be the subject of legal action which delayed or rendered impossible the diligent pursuit of the permit. NO CONSTRUCTION OR GRADING SHALL COMMENCE UNTIL: (1) TRPA RECEIVES A COPY OF THIS PERMIT UPON WHICH THE PERMITTEE(S) HAS ACKNOWLEDGED RECEIPT OF THE PERMIT AND ACCEPTANCE OF THE CONTENTS OF THE PERMIT; (2) ALL PRE-CONSTRUCTION CONDITIONS OF APPROVAL ARE SATISFIED AS EVIDENCED BY TRPA'S ACKNOWLEDGEMENT OF THIS PERMIT; (3) THE PERMITTEE OBTAINS A COUNTY BUILDING PERMIT. TRPA'S ACKNOWLEDGEMENT IS NECESSARY TO OBTAIN A COUNTY BUILDING PERMIT. THE COUNTY PERMIT AND THE TRPA PERMIT ARE INDEPENDENT OF EACH OTHER AND MAY HAVE DIFFERENT EXPIRATION DATES AND RULES REGARDING EXTENSIONS; AND (4) A TRPA PRE-GRADING INSPECTION HAS BEEN CONDUCTED WITH THE PROPERTY OWNER AND/OR THE CONTRACTOR. TRPA Executive Director/Designee Date PERMITTEE'S ACCEPTANCE: I have read the permit and the conditions of approval and understand and accept them. I also understand that I am responsible for compliance with all the conditions of the permit and am responsible for my agents' and employees' compliance with the permit conditions. I also understand that if the property is sold, I remain liable for the permit conditions until or unless the new owner acknowledges the transfer of the permit and notifies TRPA in writing of such acceptance. I also understand that certain mitigation fees associated with this permit are nonrefundable once paid to TRPA. I understand that it is my sole responsibility to obtain any and all required approvals from any other state, local or federal agencies that may have jurisdiction over this project whether or not they are listed in this permit.

PERMIT CONTINUED ON NEXT PAGE

Date

Signature of Permittee(s)

APN 1318-10-310-045 FILE NO. ERSP2023-0906

Security	/ Posted (2	1):	Amount \$	Туре	Paid	Receipt No	
Security	/ Administ	rative Fee (2):	Amoun	t \$	Paid	Receipt No	
	•	ial Condition 3 termined. See		hedule at t	the time of	permit acknowledgement.	
Require	ed plans d	etermined to b	e in conformance w	ith approv	al: Date:		
	CKNOWLE al as of th		ne permittee has coi	mplied witl	n all pre-cor	nstruction conditions of	
TRPA E	xecutive D	irector/Design	nee	Date			
			SPECIAL (CONDITION	IS		
1.	Foothill E reconstruction of the properties of t	Drive in Zephyructing and add deck, reconfiguroperty. All proan survey preect area exclude has previousled historic distempletion of the appletion of the apple	Cove, Nevada. The ing to the kitchen. The ing to the kitchen. The ing to posed land coverage pared by a licensed des the area of the earth of the resider of	addition ac he project f the drivev e will come surveyor, t existing end to be a con	dds ~ 90 sq. also include way, and ins e from reloc he parcel si croaching pu tributing st be conside	isting house located at 192 ft. to the residence, as the reconstruction of the stallation of all necessary B sated coverage available or ze has been refined, and the sublic road. The existing ructure within a TRPA-red contributing to the historn, the parcel will be issued	e MPs nsite ne torio
2.	The Stan	dard Condition	s of Approval listed	in Attachm	nent R shall	apply to this permit.	
3.	Prior to p	ermit acknow	ledgement, the follo	wing cond	itions of app	proval must be satisfied.	
	А. Т	he site plan sh	all be revised to inc	lude:			
	(1) The fol	lowing revised prop	osed land o	overage cal	culations:	
			ouse /3:1 Height Reduction Platform & Steps	900 on 370 192	sf		

120 sf

Shed

Concrete Pad/Patio	76 sf
Concrete Driveway	690 sf
Total Proposed Coverage	2,348 sf
Banked Coverage	251 sf
Remaining Potential Coverage	491 sf

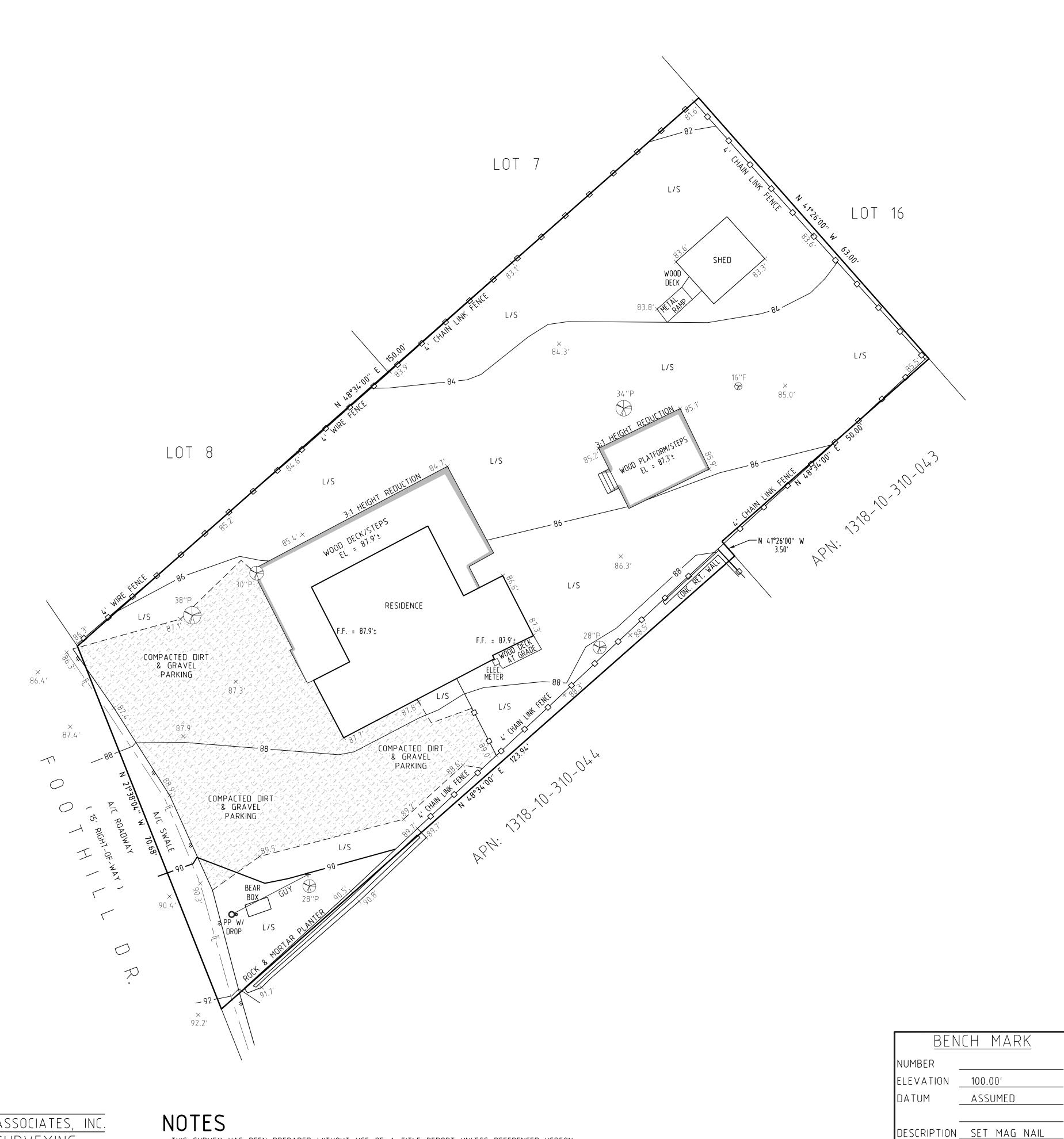
- (2) Slope calculation across the building site, as described in TRPA Code Section 37.3.3 and Figure 37.3.3-A.
- (3) Location and elevation of the proposed low point of the structure for calculation of proposed height.
- (4) Location of all existing/proposed utility lines.
- (5) No trees are approved to be removed with this project. Revise plan to remove indication of trees to be removed.
- (6) Proposed permanent BMPs and BMP infiltration calculations for the existing shed and tent platform.
- (7) Vegetation protective fencing around the entire construction site. The fencing shall be no more than 12 feet from any footprint, driveway, or area of approved disturbance. Trees located within the construction area that are to be retained shall be individually protected by fencing beyond the drip-line of the outermost branches, or by other means if approved by the TRPA Inspector. No equipment, personnel or disturbance is allowed within the areas protected by the vegetation fencing.
- (8) Parking barriers to restrict parking to approved parking surfaces only.
- B. The elevations shall be revised to include corrected allowed and proposed height calculations based on the revised slope across the building site and the identified new low point of the structure.
- C. Provide a lighting plan for the project area with light fixtures that are consistent with TRPA Code of Ordinances, Section 36.8, Exterior Lighting Standards, including proposed fixture details. Fixtures that meet these requirements are generally dark sky friendly; examples can be found at www.darksky.org.
- D. The final plan set shall include the existing conditions survey prepared by Turner and Associates in 2020.
- E. Provide good, clear black and white photographs of the project area. The photographs must show all façades of the property in their entirety, views of the property in its setting and significant exterior and interior features. Digital photos must be in JPEG, RAW or TIFF format (minimum resolution 2 megapixels, 1200x1600 image size.) Photo prints must be printed on inkjet paper intended for photographs, minimum print size 5"x7". Photographs (digital or printed) should be numbered, dated, and labeled with the property name, the view (e.g., east side, camera facing west), a brief description, and

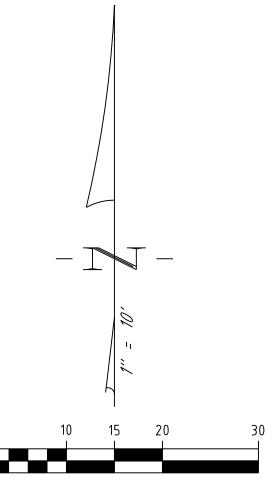
- name of photographer, in pencil or archival ink, or printed on whitespace on digital photo prints. 35mm prints are acceptable.
- F. The security required under Standard Condition A.3 of Attachment R shall be \$3000.00, plus the security administration fee that is current at the time of acknowledgment. Please see Attachment J, Security Procedures, for appropriate methods of posting the security.
- G. The permittee shall submit one electronic set of all required documents and plans to TRPA.
- 4. Temporary and permanent BMPs may be field-fit as appropriate by the TRPA inspector.
- 5. The permittee shall prepare and provide photographs to the TRPA Compliance Inspector that have been taken during construction that demonstrate any subsurface BMPs or trenching and backfilling proposed on the project have been constructed correctly (depth, fill material, etc.).
- 6. All Best Management Practices shall be maintained in perpetuity to ensure effectiveness which may require BMPs to be periodically reinstalled or replaced.
- 7. To the maximum extent allowable by law, the Permittee agrees to indemnify, defend, and hold harmless TRPA, its Governing Board (including individual members), its Planning Commission (including individual members), its agents, and its employees (collectively, TRPA) from and against any and all suits, losses, damages, injuries, liabilities, and claims by any person (a) for any injury (including death) or damage to person or property or (b) to set aside, attack, void, modify, amend, or annul any actions of TRPA. The foregoing indemnity obligation applies, without limitation, to any and all suits, losses, damages, injuries, liabilities, and claims by any person from any cause whatsoever arising out of or in connection with either directly or indirectly, and in whole or in part (1) the processing, conditioning, issuance, administrative appeal, or implementation of this permit; (2) any failure to comply with all applicable laws and regulations; or (3) the design, installation, or operation of any improvements, regardless of whether the actions or omissions are alleged to be caused by TRPA or Permittee.

Included within the Permittee's indemnity obligation set forth herein, the Permittee agrees to pay all fees of TRPA's attorneys and all other costs and expenses of defenses as they are incurred, including reimbursement of TRPA as necessary for any and all costs and/or fees incurred by TRPA for actions arising directly or indirectly from issuance or implementation of this permit. TRPA will have the sole and exclusive control (including the right to be represented by attorneys of TRPA's choosing) over the defense of any claims against TRPA and over their settlement, compromise or other disposition. Permittee shall also pay all costs, including attorneys' fees, incurred by TRPA to enforce this indemnification agreement. If any judgment is rendered against TRPA in any action subject to this indemnification, the Permittee shall, at its expense, satisfy and discharge the same.

END OF PERMIT

Attachment C Project Plans





ASPHALTIC CONCRETE COMPACTED DIRT FIR TREE FLOW LINE LANDSCAPE/NATURAL GROUND PINE TREE POWER POLE ROCK AND MORTAR SANITARY SEWER CLEANOUT SPOT ELEVATION EDGE OF PAVEMENT

COVERAGE W/ 3:1 HEIGHT REDUCTION WHERE APPLICABLE

CATEGORY SQUARE FEET RESIDENCE CD & GRAVEL PARKING WOOD DECKS/STEPS WOOD PLATFORM/STEPS METAL RAMP 3,608 TOTAL

COVERAGE USED BY OTHERS (FOOTHILL DR.)

CATEGORY SQUARE FEET A/C ROADWAY/SWALE295 TOTAL 295

OWNER & MAILING ADDRESS

JERDE TRUST P.O. BOX 66736 SCOTTS VALLEY, CA 95067

LAND AREA 10,596 SQUARE FEET

BENCH MARK	TOPOGRAPHIC SURVEY	40.	DATE
NUMBERELEVATION 100.00'	PROPERTY PER DOC. NO. 2020-948764	AMINATIO	AUG 2022
DATUM ASSUMED	APN: 1318-10-310-045, 192 FOOTHILL DR. DOUGLAS CO., NV	EVARPOS	SHEET 1 OF
DESCRIPTION <u>SET MAG NAIL</u> <u>IN A/C ROADWAY</u>	SCALE HORIZ. 1''=10' VERT. 2' C.I. FIELD DRAWN FILE NAME SW-JF-GT JF 22135-192 F00THILL.DWG	CHECKED JWT	1 JOB NO. 22135
REVISION NO. DATE	DESCRIPTION	BY	CHKD

TURNER & ASSOCIATES, INC.

LAND SURVEYING (775) 588-5658 FAX (775) 588-9296 308 DORLA COURT, SUITE 203 - ROUND HILL, NEVADA 89448 P.O. BOX 5067 - STATELINE, NEVADA 89449

---THIS SURVEY HAS BEEN PREPARED WITHOUT USE OF A TITLE REPORT UNLESS REFERENCED HEREON,

TURNER AND ASSOCIATES INC. ASSUMES NO RESPONSIBILITY FOR ANY EASEMENTS WHICH MAY AFFECT THIS PROPERTY

---PROPERTY OWNER AND/OR DESIGNER MUST VERIFY BUILDING SETBACKS AND ANY OTHER BUILDING RESTRICTIONS BEFORE ANY DESIGN OR CONSTRUCTION.

---ONLY VISIBLE UTILITIES AND FEATURES HAVE BEEN LOCATED.

---THIS DRAWING OR MAP IS THE PROPERTY OF TURNER & ASSOCIATES INC., AND MAY NOT BE USED OR REPRODUCED WITHOUT THE CONSENT OF TURNER & ASSOCIATES INC.

- THE INFORMATION CONTAINED IN THIS SITE PLAN IS FROM TURNER &
 ASSOCIATES INC. LAND SURVEYING, TITLED "TOPOGRAPHIC SURVEY PROPERTY PER DOC NO. 2020-948764", DATED AUG 2022.
- 2. THE BOUNDARY SHOWN HEREON IS TAKEN FROM RECORD DATA. THERE HAS BEEN NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP, TITLE EVIDENCE OR ANY OTHER FACTS WHICH AN ACCURATE & CURRENT TITLE SEARCH MAY DISCLOSE.
- 3. NO INVESTIGATION CONCERNING THE LOCATION OF OR EXISTENCE OF UNDERGROUND UTILITY SERVICE LINES TO THIS PROPERTY WAS MADE AS A PART OF THIS SURVEY.
- 4. ALL UTILITY LOCATIONS MUST BE FIELD VERIFIED PRIOR TO ANY DESIGN OR CONSTRUCTION.
- 5. SEE ORIGINAL SURVEY FOR ALL ASSUMPTIONS, LIMITATIONS, REFERENCES, AND DETAILS.

DEFENSIBLE SPACE NOTES

- 1. REMOVE ALL DEAD VEGETATION AND DEAD TREE LIMBS, TYP.
- REMOVE LADDER FUELS BENEATH TREE DRIPLINES WITHIN 10' VERTICALLY OF TREE LIMBS.
- 3. REMOVE TREE LIMBS WITHIN 10' OF GROUND OR $\frac{1}{3}$ OF TREE HEIGHT, WHICHEVER IS LESS.
- 4. CREATE A 5' WIDE NONCOMBUSTIBLE AREA AROUND THE BASE OF STRUCTURE,
- 5. REMOVE ALL DRY GRASS AND WEEDS UP TO 30' AWAY FROM STRUCTURE, TYP. (IRRIGATED AREAS NOT INCLUDED)
- 6. FIRE DEPARTMENT DEFENSIBLE SPACE APPROVAL IS REQUIRED PRIOR TO ISSUANCE OF BUILDING DEPARTMENT CERTIFICATE OF OCCUPANCY.
- 7. REFER TO THE NORTH TAHOE FIRE DISTRICT "LIVING WITH FIRE" DOCUMENT FOR ADDITIONAL INFORMATION.

TRPA NOTES

- 1. ALL COVERAGE REMOVED AND AREAS DISTURBED BY CONSTRUCTION SHALL BE REVEGETATED IN ACCORDANCE WITH THE TRPA HANDBOOK OF BEST MANAGEMENT PRACTICES AND LIVING WITH FIRE, LAKE TAHOE BASIN, SECOND EDITION.
- 2. DUST CONTROL MEASURES SHALL BE IN PLACE DURING CONSTRUCTION.
 BROADCAST MULCH SHALL NOT BE PERMITTED AS A DUST CONTROL MEASURE
 WITHIN 35 FEET OF STRUCTURES.
- 3. A 3" LAYER OF $\frac{3}{4}$ " CRUSHED GRAVEL SHALL BE PLACED BENEATH ALL RAISED DECKS.
- 4. SEE SHEET C1.2 FOR TRPA BMP DETAILS
- 5. STRAW BALES ARE NO LONGER ACCEPTABLE FOR TEMPORARY EROSION CONTROL OR MULCH MATERIAL IN THE LAKE TAHOE BASIN. THE USE OF STRAW HAS CONTRIBUTED TO THE SPREAD OF NOXIOUS WEEDS THROUGHOUT THE BASIN. THE USE OF ALTERNATIVES TO STRAW BALES, SUCH AS PINE NEEDLE BALES, FILTER FABRIC, COIR LOGS AND PINE NEEDLE OR WOOD MULCHES FOR EROSION CONTROL PURPOSES IS REQUIRED.
- 6. ALL AREAS OF REMOVED COVERAGE AND AREAS DISTURBED BY CONSTRUCTION SHALL BE RE-VEGETATED IN ACCORDANCE WITH TRPA'S BMP HANDBOOK & 'LIVING WITH FIRE' TAHOE BASIN, LATEST EDITION.
- 7. EXCAVATIONS AND CUTS GREATER THAN 5 FEET DEEP NOT PERMITTED TRPA SOILS/HYDROLOGY APPROVAL IS REQUIRED.

BMP CALCULATIONS

Contributing Surface	CONC	DRIVE	ROOF 1	ROOF 2	ROOF 3	ROOF 4
# of Stories	0	0	1	1	1	1
Length (ft.)						
Width (ft.)						
Area (ft2)	76	690	160	236	200	230
Area (ft ²)	76	690	160	236	200	230
Runoff (ft ³)	6.3	57.5	13.3	19.7	16.7	19.2
Treatment Label:	1.0	2.0	3.0	4.0	5.0	6.0
Length (ft.)	6.0	26.0	9.0	9.0	9.0	9.0
Width (in.)	18	18	18	18	18	18
Depth (in.)	6	6	6	6	6	6
On-Site Ksat (ⁱⁿ / _{hr})						
mapped Ksat (ⁱⁿ / _{hr})	12.8	12.8	12.8	12.8	12.8	12.8
Prefab Void Space (%)						
Average Void Space (%)	40%	40%	40%	40%	40%	40%
Effective Volume (yd ³)	0.2	0.7	0.3	0.3	0.3	0.3
Treatment Capacity (ft ³)	13.5	58.5	20.2	20.2	20.2	20.2
Drain Rock Quantity (yd ³)	0.2	0.7	0.3	0.3	0.3	0.3
Excess Runoff (ft ³)	0.0	0.0	0.0	0.0	0.0	0.0
Excess Capacity (ft ³)	7.2	1.0	6.9	0.6	3.6	1.1

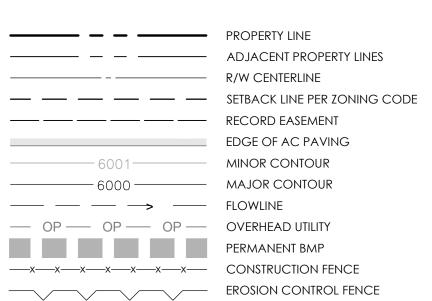
ALLOWABLE COVERAGE

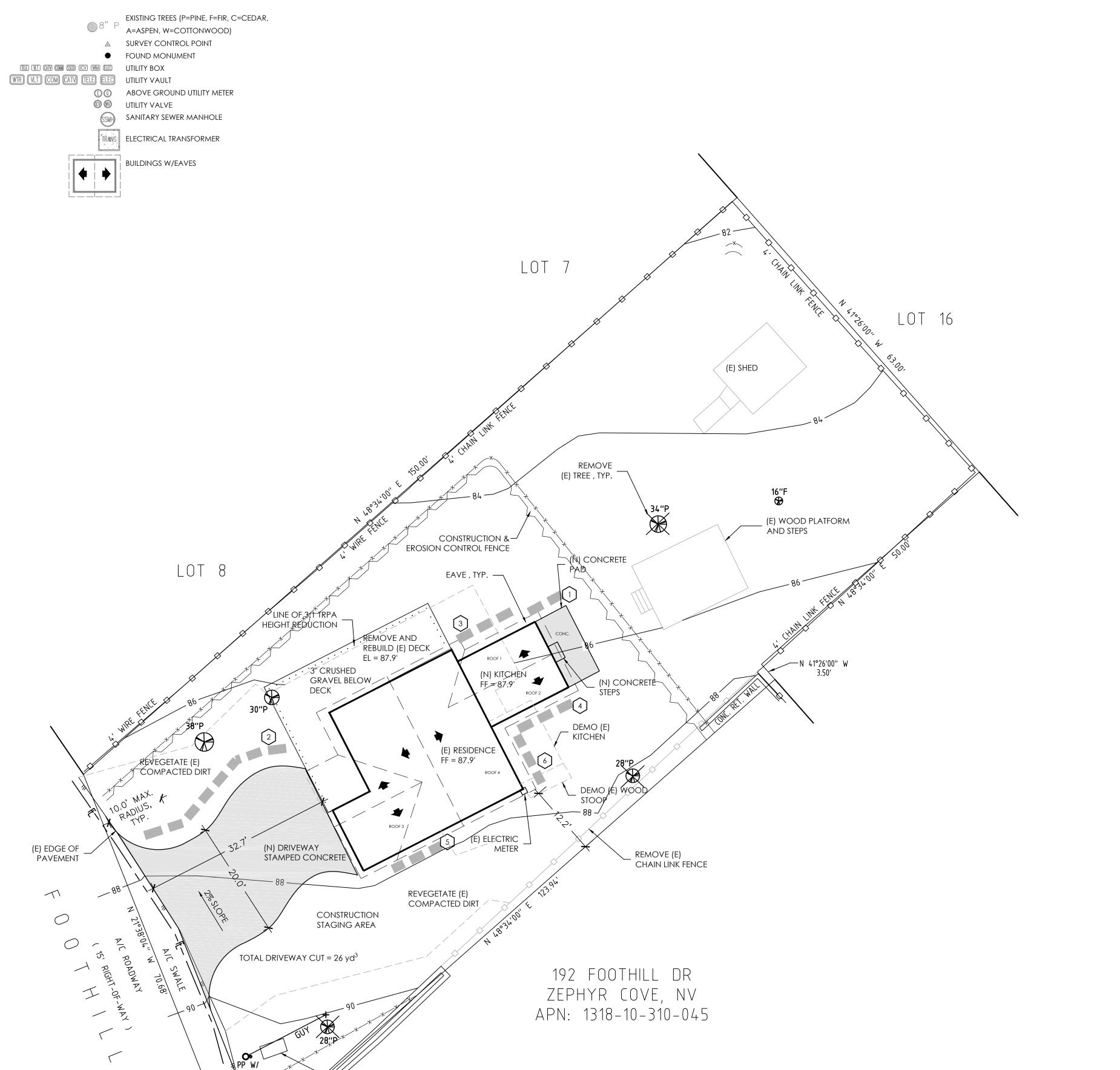
"TOPOGRAPHIC SURVEY - PROPERTY PER DOC NO. 2020-948764 APN: 1318-10-310-045, 192 FOOTHILL DR. DOUGLAS CO., NV. ", [
TOTAL LOT AREA COVERAGE BY OTHERS (AC ROADWAY/SWALE)	10,596 S.F. 295 S.F.
LAND CAPABILITY DISTRICT CLASS 7 30%(10,301 S.F.)	3,090 S.F.
TOTAL BASE ALLOWABLE COVERAGE	3,090 S.F.

EXISTING VERIFIED COVERAGE

BANKED COVERAGE

TRPA SITE ASSESSMENT, DATED 12/21/2016	
MAIN HOUSE	804 S
DECK	459 S
WOOD PLATFORM & STEPS ("ACCESSORY CABIN" ON SITE ASSESSMENT)	192 S
SHED	120 S
WOOD STOOP	24 S
COMPACTED DIRT & GRAVEL PARKING	1,000 S
TOTAL VERIFIED COVERAGE	2,599 S
PROPOSED COVERAGE	
MAIN HOUSE	900 S
DECK W/TRPA 3:1 HEIGHT REDUCTION	370 S
WOOD PLATFORM & STEPS	192 S
SHED	120 S
COMPACTED DIRT	310 S
CONCRETE PAD	76 S
DRIVEWAY	690 S
TOTAL COVERAGE	2,658 S







PO Box 7586 3080 N. Lake Blvd. Suite 203 Tahoe City, CA 96145 530.412.1328, 530.318.0001 www.evolvedesignworks.com

alaska

stamp

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all drawings and written material appearing herein constitute original and unpublished work of the designer and may not be duplicated, used or disclosed without written consent of the designer.

proje	ect number	2022.04
drav	wn by JJ checked	by B.
ISSU	ES & REVISIONS	
no.	description	dat
1	Douglas County Submitta	2023.07.0
2	TRPA Submittal	2023.07.0

project location

evin Jerde 92 Foothill Drive ephyr Cove NV ouglas County PN: 1318-10-310-045

description

Site Plan

sheet

GRAPHIC SCALE

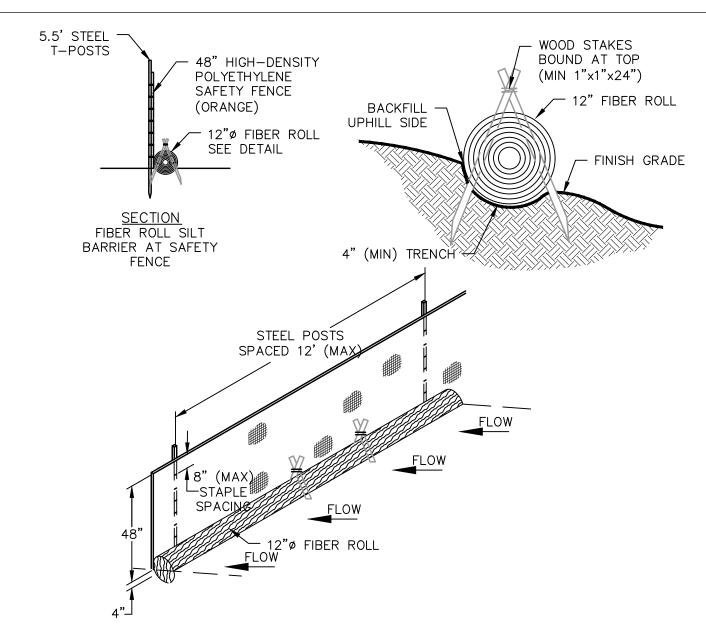
(IN FEET) 1 inch = 10 ft.

SCALE: 1" = 10'

C1.1

N

SITE PLAN



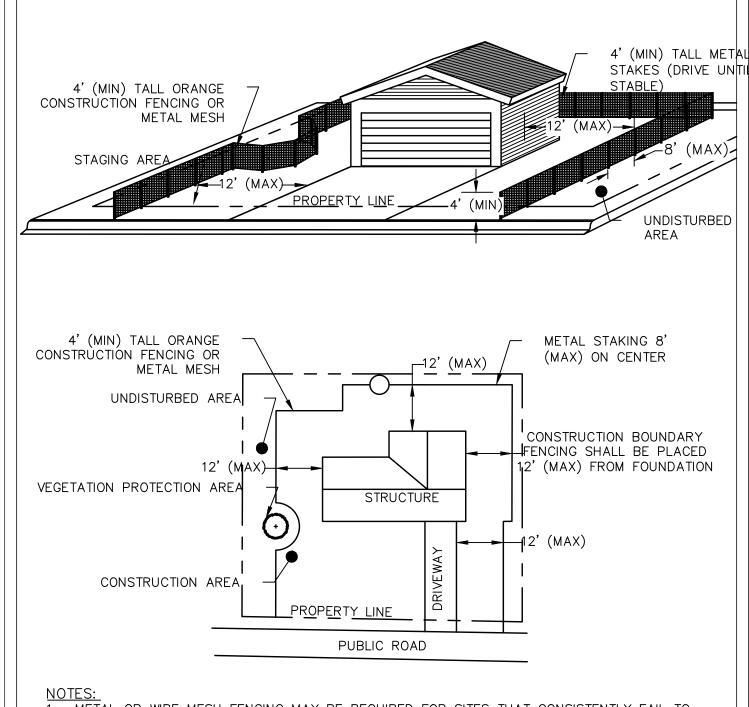
- NOTES:

 1. FIBER ROLL SHALL NOT BE MADE FROM STRAW. FIBER ROLLS SHALL BE BOUND BY HIGH STRENGTH
- COIR NETTING, AND HAVE A MINIMUM WEIGHT OF 5 LBS PER LINEAL FOOT. 2. ORANGE SAFETY FENCE IS INTENDED TO PROTECT FIBER ROLLS FROM COMPRESSION BY VEHICLES, CONSTRUCTION EQUIPMENT, EXT. FENCES SHALL BE HIGH DENSITY POLYETHYLENE WITH A MESH OPENING OF APPROXIMATELY 1 INCH BY 4 INCHES AND A MINIMUM HEIGHT OF 4 FEET. SAFETY FENCE MAY BE OMITTED IN LOW TRAFFIC AREAS.
- . FIBER ROLL SILT BARRIER SHALL BE INSTALLED ALONG CONTOUR AND ON SLOPES 5H:1V OR FLATTER UNLESS OTHERWISE APPROVED BY TRPA. 4. THE INSTALLATION CONFIGURATION SHALL PREVENT RUNOFF FROM LEAVING THE SITE OR ENTERING
- A WATERCOURSE WITHOUT PASSING THROUGH A SILT BARRIER. 5. THE MAXIMUM LENGTH OF SLOPE DRAINING TO THE SILT BARRIER SHALL BE 100 FEET. 6. FIBER ROLL SHALL BE INSTALLED BY SHAPING A 4 INCH DEEP FURROW TO MATCH THE SHAPE OF THE LOG, SECURING IN FURROW WITH WOOD STAKES, AND TAMPING THE GROUND AROUND THE

FIBER ROLL SILT BARRIER

FIBER ROLL TO FILL VOIDS BETWEEN THE LOG AND THE GROUND.

TRPA BMP-517

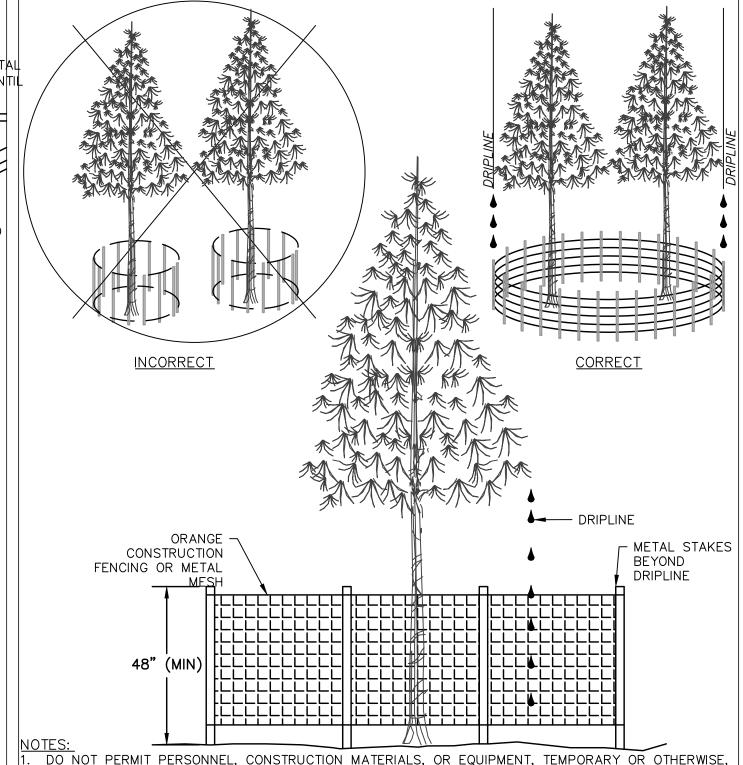


METAL OR WIRE MESH FENCING MAY BE REQUIRED FOR SITES THAT CONSISTENTLY FAIL TO MAINTAIN PERMITTED FENCING REQUIREMENTS. 2. INSPECTIONS SHALL BE MADE DAILY AND DOWNED SECTIONS REPAIRED IMMEDIATELY.

3. ALL DISTURBED SOIL WITHIN THE CONSTRUCTION AREA MUST BE DE-COMPACTED AND RESTORED. PLANT WITH NATIVE AND/OR ADAPTED PLANTS POST-CONSTRUCTION.

TEMPORARY BOUNDARY CONSTRUCTION FENCING

TRPA BMP-501



WITHIN PROTECTIVE FENCING. VEGETATION PROTECTION IS REQUIRED FOR ALL PROJECTS AS A CONDITION OF PROJECT APPROVAL.

METAL OR WIRE MESH FENCING MAY BE REQUIRED. CALCULATE THE PROTECTIVE PERIMETER FOR SHIELDING LARGER SPECIMEN TREES MEASURING OVER 30" DBH AS FOLLOWS: COMPUTE THE PROTECTIVE RADIUS BY ADDING ONE FOOT, AS MEASURED OUT FROM THE TREE BOLE, FOR EVERY INCH IN DBH. (E.G. A TREE WITH A 30" DBH WOULD RECEIVE A 30' PROTECTIVE PERIMETER)

VEGETATION PROTECTION TRPA BMP-507

5' NON-COMBUSTIBLE ZONE STRUCTURE DRIPLINE BORDER NON-FLAMMARIAN) TRENCH DEPTH (SEE NOTE 1) INORGANIC MULCH NON-WOVEN (DO NOT COMPACT SUBGRADE) BACKFILL TRENCH WITH ANGULAR, WASHED $\frac{3}{4}$ "-1 $\frac{1}{2}$ " DRAIN ROCK (SEE WIDTH ON TOP. VARIES ' SLOPE 2% AWAY FROM STRUCTURES TRENCH WIDTHS 1 STORY 18" MIN 2 STORY 24" MIN EXISTING GROUND 3 STORY 30" MIN STEP INFILTRATION TRENCH DOWNHILL TRENCH LEVEL EXTEND BAFFLES BEYOND BOTTOM OF TRENCH STEP INFILTRATION TRENCH DOWNHILL

(ON A SLOPE 5% OR GREATER)

1. LENGTH, WIDTH, AND DEPTH OF INFILTRATION TRENCHES SHALL BE DESIGNED TO STORE THE 20-YEAR 1-HOUR STORM EVENT. THE BMP CALCULATION SPREADSHEET AVAILABLE AT

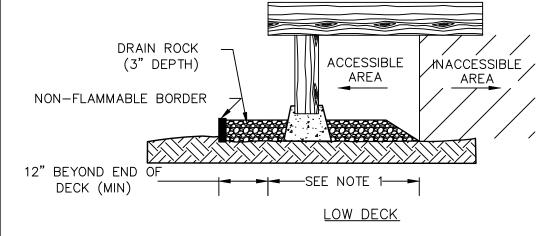
WWW.TAHOEBMP.ORG MAY BE USED TO SIZE INFILTRATION TRENCHES. PROPRIETARY PRODUCTS MAY BE USED TO PROVIDE ADDITIONAL STORAGE CAPACITY RELATIVE TO DRAIN ROCK. INSTALL PER MANUFACTURER'S SPECIFICATIONS.

FIRE DEFENSIBLE SPACE GUIDELINES FOR LAKE TAHOE RECOMMEND A 5' NON-COMBUSTIBLE ZONE AROUND THE BUILDING PERIMETER. SEE "LIVING WITH FIRE" AT WWW.LIVINGWITHFIRE.INFO

INFILTRATION TRENCH

TRPA BMP-103

STRUCTURE 3" (MIN) DEPTH DRAIN NON-FLAMMABLE ROCK UNDER ELEVATED BORDER STRUCTURES NON-FLAMMABLE BAFFLE WHEN ELEVATED DECK SLOPE IS >2% DRAIN ROCK (3" DEPTH) **ACCESSIBLE** *NACCESSIBLE AREA AREA



<u>NOTES:</u> 1. FOR THE RETROFIT OF EXISTING DECKS, DRAIN ROCK SHOULD BE INSTALLED AS FAR BACK UNDER THE LOW ELEVATED STRUCTURE AS POSSIBLE. DISTANCE DEPENDS ON ACCESSIBILITY UNDER THE STRUCTURE.

- 2. USE WASHED, CLEAN 3/4" TO 1-1/2" DRAIN ROCK. NATIVE ROCK MAY BE SUBSTITUTED IF AVAILABLE.
- 3. FOLLOW FIRE DEFENSIBLE SPACE GUIDELINES. SEE "LIVING WITH FIRE" AT WWW.LIVINGWITHFIRE.INFO.

ROCK ARMOR ELEVATED STRUCTURE TRPA BMP-211

ROCK-ARMORED CATCHMENT CONVEYANCE SYSTEM BURIED PERFORATED DRAIN PIPE POP UP EMITTER INFILTRATION FACILITY (HIGHER INFILTRATION RATE SOIL) - INFILTRATION FACILITY INSTALL CLEANOUTS
AT ALL BENDS IN - ESTABLISHED VEGETATION OR COARSE AGGREGATE CLEANOUT DRAIN ROCK - DRAIN ROCK PERFORATED DRAIN PIPE 2% SLOPE (MIN) -PERFORATED DRAIN PIPE — 4" DIA. (MIN)

ROCK ARMORED <u>CLEANOUT</u> <u>NOTES:</u> 1. THE TRENCH SHALL BE CONSTRUCTED ON A CONTINUOUS GRADE WITH NO REVERSE GRADES OR LOW SPOTS.

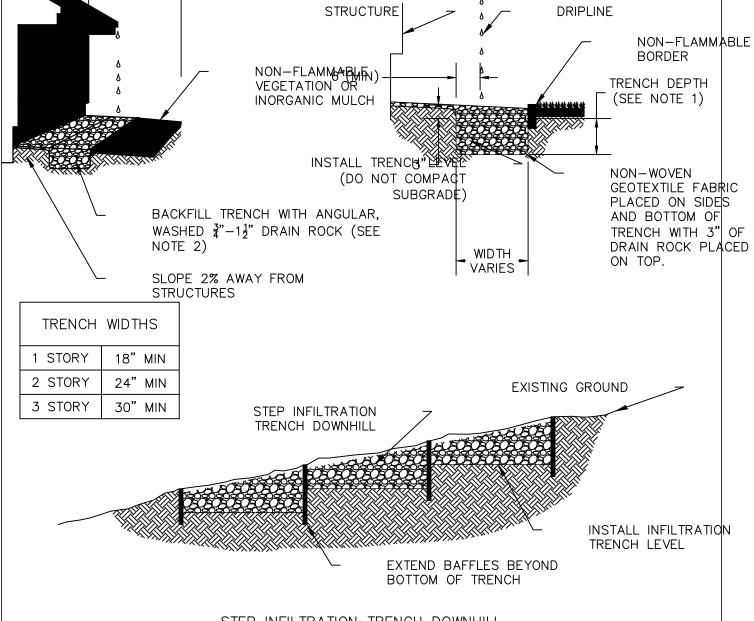
SOILS UNDER THE DRAIN SHALL BE STABILIZED WITH GRAVEL OR OTHER SUITABLE MATERIAL. DRAIN ROCK SHALL BE PLACED AS SPECIFIED WITH AT LEAST 3 INCHES OF ROCK ON ALL

SIDES OF THE PIPE. BACKFILL MATERIAL SHALL BE PLACED IN THE TRENCH IN SUCH A MANNER THAT THE DRAIN

PIPE IS NOT DISPLACED OR DAMAGED.

SUBSURFACE DRAIN

TRPA BMP-307



california | nevada

washington

alaska

PO Box 7586

3080 N. Lake Blvd. Suite 203

Tahoe City, CA 96145

530.412.1328, 530.318.0001

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project number

ISSUES & REVISIONS

Submittal

2 TRPA Submittal

Douglas County

no. description

project location

drawn by

07/06/2023

2022.043

date

2023.07.06

2023.07.06

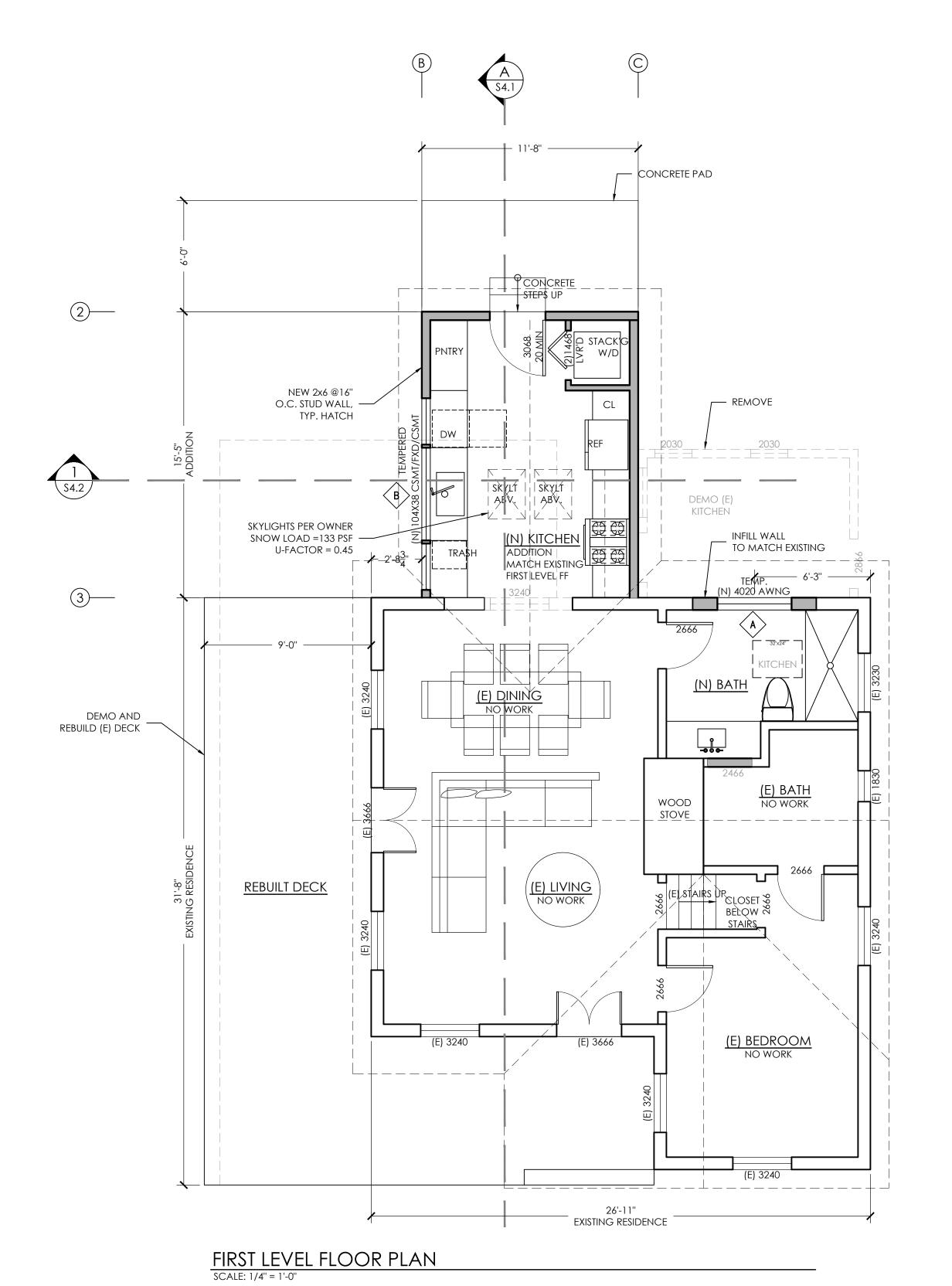
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JJ checked by BA

description

BMP Details





PO Box 7586 3080 N. Lake Blvd. Suite 203 Tahoe City, CA 96145 530.412.1328, 530.318.0001 www.evolvedesignworks.com

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proj	ect number	2022.043
drav	wn by SS checked	by BA
ISSU	es & revisions	
no.	description	date
1	Douglas County Submittal	2023.07.06
2	TRPA Submittal	2023.07.06

project location

description

Proposed Floor Plans



EXTERIOR ELEVATION GENERAL NOTES:

- 1. SLOPE GRADE A MINIMUM OF 5% FOR 10' AWAY FROM ALL EXTERIOR WALLS.
- ALL DECK RAILINGS TO BE 42" TALL MINIMUM, ALL OPENINGS SHALL BE CONSTRUCTED TO PREVENT A 4" DIAMETER SPHERE FROM PROJECTING THROUGH THE
- 3. ALL EXTERIOR WINDOWS, GLAZED DOOR S AND GLAZED OPENINGS WITHIN EXTERIOR DOOR ASSEMBLIES TO BE CONSTRUCTED OF MULTI-PANE GLAZING WITH MIN. OF (1) TEMPERED PANE MEETING THE REQUIRMENTS OF IBC 2406 & U-FACTOR 0.32 OR LESS AND SHGC = 0.25 OR LESS.
- 4. ALL EXTERIOR FINISHES SHALL COMPLY WITH SECTION R337 MATERIALS AND CONSTRUCTION METHODS FOR EXTERIOR WILDFIRE EXPOSURE, SEE SHEET A0.3
- 5. VENTING SYSTEMS SHALL TERMINATE NOT LESS THAN FOUR (4) FEET BELOW, FOUR (4) FEET HORIZONTALLY FROM, AND NOT LESS THAN ONE (1) FOOT ABOVE A DOOR, AN OPERABLE WINDOW, OR A GRAVITY AIR INLET INTO A BUILDING.
- 6. EXTERIOR WALL COVERINGS SHALL EXTEND FROM THE TOP OF THE FOUNDATION TO THE ROOF AND TERMINATE AT 2-INCH NOMINAL SOLID WOOD BLOCKING BETWEEN RAFTERS AT ALL ROOF OVERHANGS, OR IN THE CASE OF ENCLOSED EAVES, TERMINATE AT THE ENCLOSURE.
- 7. UNDERFLOOR VENTS SHALL EQUAL 1 SQUARE FOOT FOR EACH 150 SQUARE FEET OF UNDERFLOOR AREA AND MUST PROVIDE CROSS VENTILATION. IBC SECTION 1203.3.1. OPENINGS MUST BE COVERED WITH A PROTECTIVE NON CORROSIVE MESH WITH NO OPENINGS EXCEEDING 1/8"
- 8. STONE AND MASONRY VENEER SHALL BE INSTALLED IN ACCORDANCE WITH IRC SECTION R703.8. THESE VENEERS INSTALLED OVER A BACKING OF WOOD OR COLD-FORMED STEEL SHALL BE LIMITED TO THE FIRST STORY ABOVE-GRADE AND SHALL NOT EXCEED 5" IN THICKNESS. STONE AND MASONRY VENEER SHALL BE PERMITTED TO A HEIGHT AS SPECIFIED IN TABLE 703.8(2). TIE ATTACHMENT AND AIR SPACE REQUIREMENTS PER TABLE R703.8.4
- 9. NO VENTS SHALL BE INSTALLED IN THE EAVES OR CORNICES IBC 704A.2.2
- 10. EXTERIOR DOOR ASSEMBLIES SHALL HAVE STILES AND RAILS THAT ARE 1-3/4" THICK AND A FIELD PANEL THICKNESS OF 1-1/2" MINIMUM. IBC SECTION 704A.4.1.1.

TRPA HEIGHT CALCULATIONS:

MAX ALLOWABLE BUILDING HEIGHT:

EXISTING BUILDING HEIGHT:

6:12

3%

31'-11"

20'-10"

(N) KITCHEN FF

87'-11" REFERENCE ONLY

MATCH EXISTING FIRST LEVEL FF

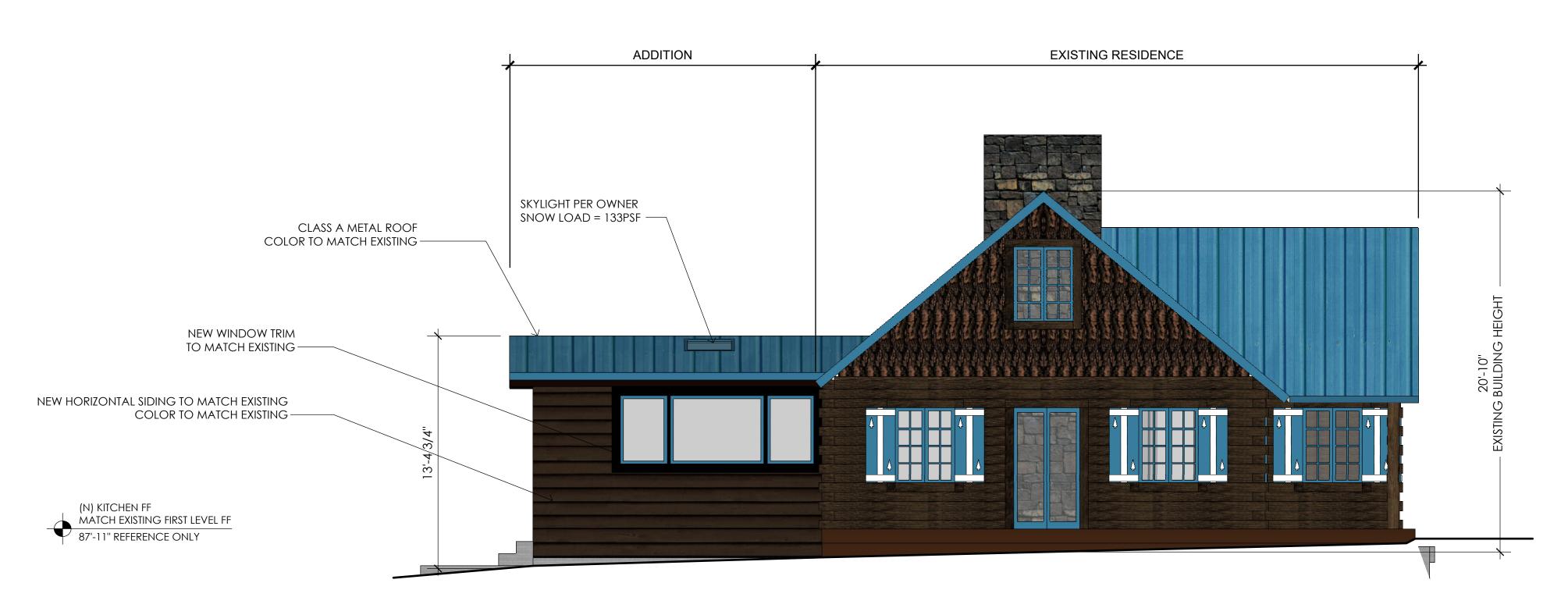
ROOF PITCH:

SITE SLOPE:

11. EXTERIOR WALLS SHALL HAVE MIN. ONE LAYER OF NO.
15 ASPHALT FELT, FREE FROM HOLES AND BREAKS,
COMPLYING WITH ASTM D226 FOR TYPE 1 FELT OR
OTHER APPROVED WATER-RESISTIVE BARRIER SHALL BE
APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR
WALLS. SUCH FELT OR MATERIAL SHALL BE APPLIED
HORIZONTALLY, WITH THE UPPER LAYER LAPPED OVER
THE LOWER LAYER NOT LESS THAN 2 INCHES. WHERE
JOINTS OCCUR, FELT SHALL BE LAPPED NOT LESS THAN 6
INCHES. IRC SECTION R703.2

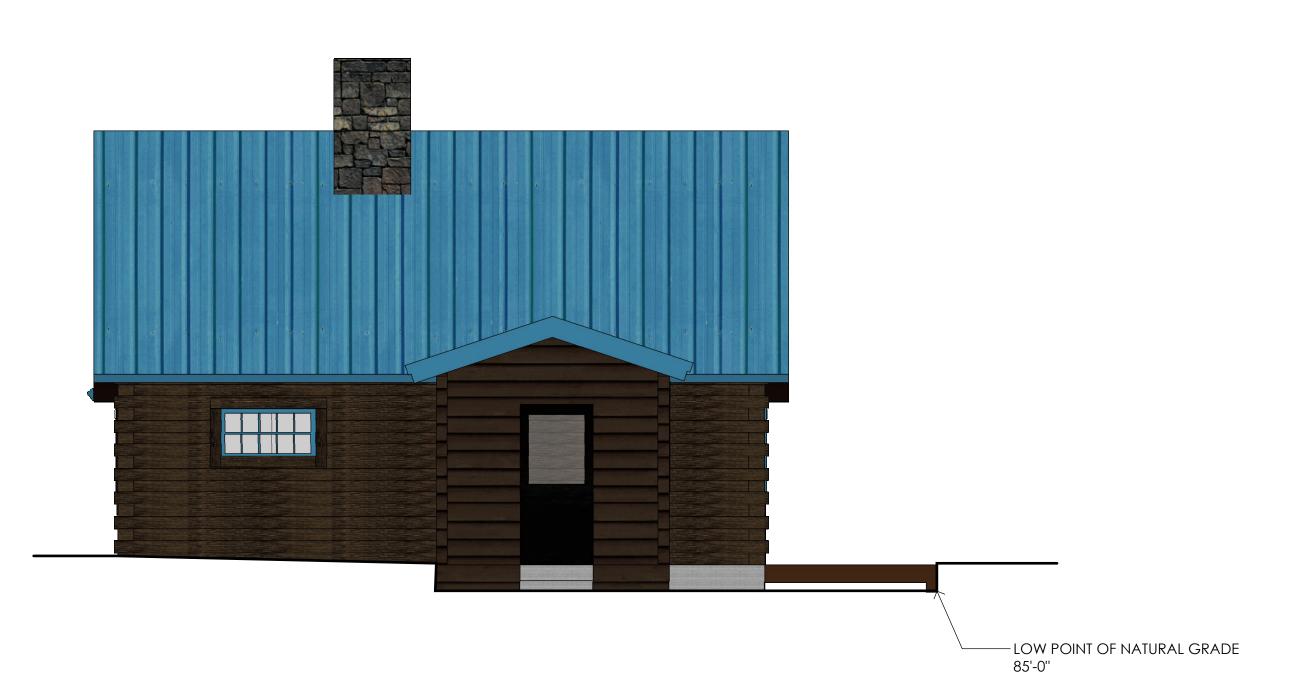
ADDRESS IDENTIFICATION NOTE

1. BUILDINGS SHALL BE PROVIDED WITH APPROVED ADDRESS IDENTIFICATION. THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL NOT BE SPELLED OUT. EACH CHARACTER SHALL BE NOT LESS THAN 4 INCHES IN HEIGHT WITH A STROKE WIDTH OF NOT LESS THAN 0.5 INCH. CRC SECTION R319.1



North Elevation

1/4" = 1'-0"



East Elevation

1/4" = 1'-0"

DESIGN WORKS

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07/06/2023

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project number:				2023.043	
drav	vn by:	SS	checked by: BA		
issue	es & revi	sions			
no	descr	iption		date	
1	Dougla	s County	Submitt	al2023.07.06	
2	TRPA Su	bmittal	2023.07.06		

project location

Thorsten Renovations LLC 192 Foothill Blvd Zephyr Cove, Nevada Douglas County APN: 1318-10-310-045

description

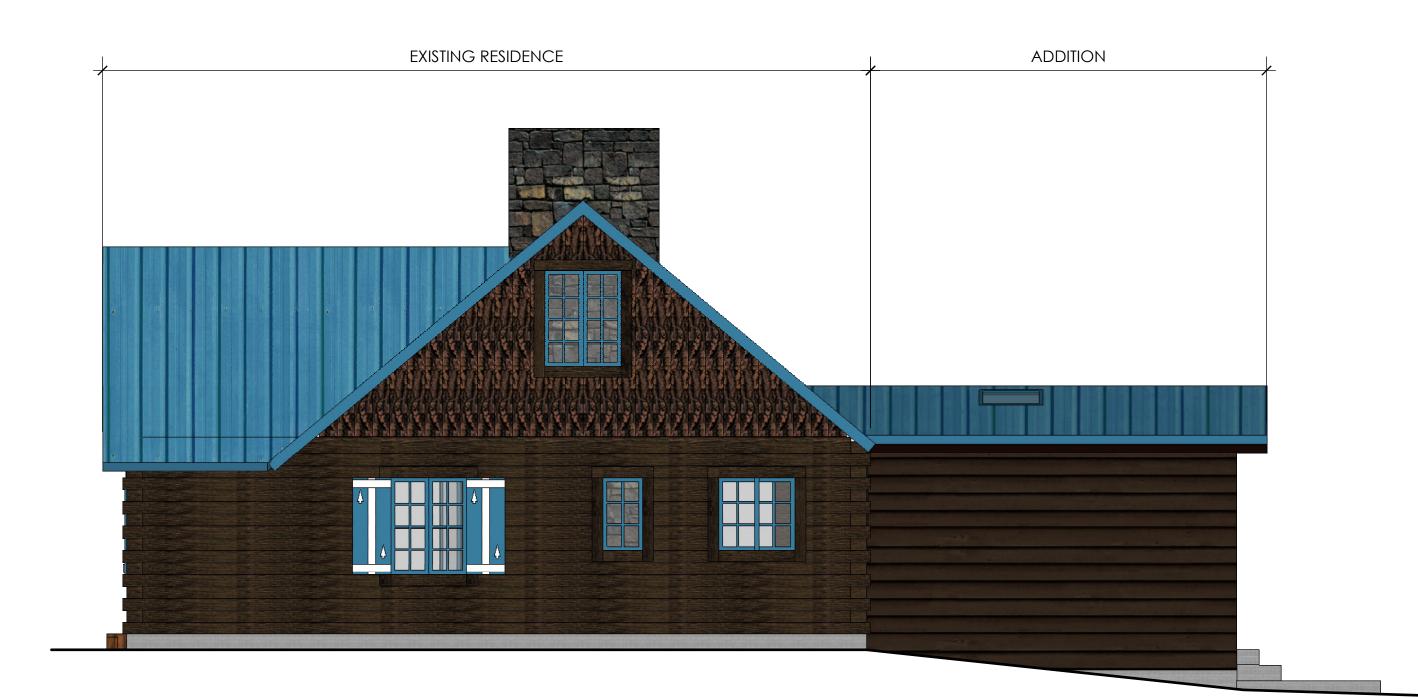
Δ4.1

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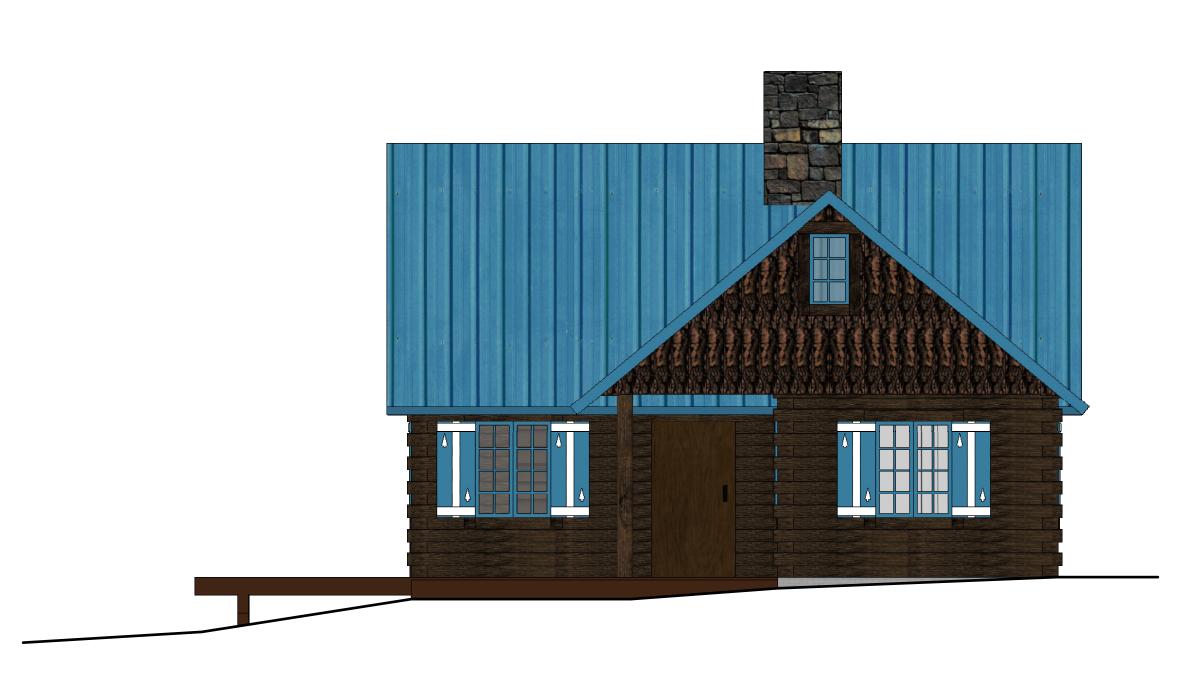
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South Elevation

1/4" = 1'-0"



(N) KITCHEN FF

MATCH EXISTING FIRST LEVEL FF

87'-11" REFERENCE ONLY

(N) KITCHEN FF

87'-11" REFERENCE ONLY

MATCH EXISTING FIRST LEVEL FF



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proj	ect numl	oer:		2023.	043
drav	vn by:	SS	checl	ked by:	ВА
issue	es & revis	ions			
no	descri	ption		date	
1	Douglas	County	Submitt	al2023.07	7.05
2	TRPA Suk	omittal		2023.07	7.05
	1				

project location

2 Foothill Blvd ohyr Cove, Nevada

description

West Elevation

1/4" = 1'-0"

Δ4.2

Attachment D Project Review Conformance Checklist and Article V(g) Findings

PROJECT REVIEW CONFORMANCE CHECKLIST & V (g) FINDINGS

(RESIDENTIAL)

Project	t Nan	ne: Jerde Single Family Dwelling Addition		
Project	t Typ	e: Residential - SFD		
APN /	Proje	ect Number:_1318-10-310-045/ ERSP2023-0906		
Project	t Rev	iew Planner: Theresa Avance Date of Review: 11/28/23	3	
justific the an making	ation swer g said	the answer to question b. on any of the following questions is <i>no</i> , pon on a separate sheet for making the findings required in subsections 4.4.1 at to question b. is yes or if no answer is required, this checklist shall seed findings. Any positive impacts of the project on the thresholds that have tons should also be noted.	and 4.4.2 orve as jus	of the code. If tifications for
CATE	GOI	RY: AIR QUALITY		
THRE	SHO	LD: CARBON MONOXIDE (CO) INDICATOR: (CO) 8-hr. avg	g. Stateline	CA station
1.	a. b.	Does the project generate new vehicle trips? If yes, is the project consistent with Subsection 65.2.4.B.1?	Y	N ⊠ N □
2.	a. b.	Does the project create new points of vehicular access? If yes, is the project consistent with Subsection 34.3.2?	Y ☐ Y ☐	N ⊠ N □
3.	a. b.	Does the project include combustion appliances? If yes, is the project consistent with Subsection 65.1.4?	Y ⊠ Y ⊠	N □ N □
4.	a. b.	Does the project include a new stationary source of CO? If yes, is the project consistent with Subsection 65.1.6?	Y	N ⊠ N □
THRE	SHO	LD: OZONE INDICATOR: Ozone, 1-hr. avg.	Lk. Tahoe	Blvd station
1.	a. b.	Does the project increase regional VMT? If yes, is the project consistent with Subsection 65.2.4?	Y	N ⊠ N □
2.	a. b.	Does the project include new gas/oil space/water heaters? If yes, is the project consistent with Subsection 65.1.4?	Y	N ⊠ N □
3.	a. b.	Does the project include a new stationary source of NO ² ? If yes, is the project consistent with Subsection 65.1.6?	Y	N ⊠ N □
THRE	SHO	LD: PARTICULATE MATTER INDICATOR: Part. Matter, 24-hr. avg.	Lk. Tahoe	Blvd station
1.	a. b.	Does the project increase airborne dust emissions? If yes, is the project consistent with Subsection 60.4.3?	Y	N ⊠ N □
2.	a. b.	Does the project include a new stationary source of particulate matter? If yes, is the project consistent with Subsection 65.1.6?	$Y \square$ $Y \square$	N ⊠ N □

3.	a.	Refer to question 1, Ozone, above.		
THR	ESHC	LD: VISIBILITY	NDICATOR: miles of visibility, veg	and subregional path
1.	a.	Refer to questions 1-3, Particulate M	atter, above.	
		LD: TRAFFIC VOLUME RRIDOR, WINTER, 4pm-12am	INDICATOR: traffic volum JanP	e, US 50 at Park Ave. Mar. avg., 4pm-12am
1.	a.	Refer to question 1, CO, above.		
THR	ESHC	LD: NO ² EMISSIONS	INDICATOR: VMT	
1.	a.	Refer to questions 1-2, VMT, below.		
THR	ESHC	LD: WOOD SMOKE	INDICATOR: number of wo	ood heaters
1.	a. b.	Does the project include any new wo		$Y \square N \bowtie Y \square N \square$
THR	ESHC	LD: VMT IN	NDICATOR: changes in number of tri	ps and avg. trip length
1.	a. b.	Does the project increase average tri If yes, is the project consistent with		$Y \square N \bowtie Y \square N \square$
2.	a.	refer to question 1, CO, above.		
CAT	'EGO	RY: WATER QUALITY		
THR	ESHC	LD: TURBIDITY	INDICATOR: turbidi	ty of indicator stations
1.	a. b.	Does the project increase impervious soil disturbance? If yes, is the project consistent with some some some some some some some some		$Y \boxtimes N \square$ $Y \boxtimes N \square$
2.	a. b.	Does the project create temporary so If yes, is the project consistent with s	il disturbance?	Y⊠ N□ Y⊠ N□
3.	a. b.	Does the project require the use of fe If yes, is the project consistent with S		$\begin{array}{ccc} Y & \square & N & \boxtimes \\ Y & \square & N & \square \end{array}$
4.	a.	Does the project include domestic war or groundwater?	astewater discharge to the surface	Y □ N ⊠
	b.	If yes, is the project consistent with S	Subsection 60.1.3.B?	Y N
5.	a. b.	Does the project disturb or encroach If yes, is the project consistent with		Y N X Y N N
THR	ESHC	LD: CLARITY, WINTER (IN LAKE) INDICA) TOR: secch depth, DecMar. avg. TF	RG index station

1. a. Refer to questions 1-5, turbidity, above.

THRESHOLD: PHYTOPLANKTON PRIMARY PRODUCTIVITY (IN LAKE)

INDICATOR: phyto, primary productivity, ann. Avg., TRG index station

1. Refer to questions 1-5, turbidity, above. THRESHOLD: DIN LOAD, SURFACE RUNOFF INDICATOR: DIN x discharge, tributary network annual total 1 1. Refer to questions 1, 2, 3 and 5, turbidity, above. THRESHOLD: DIN LOAD, GROUNDWATER INDICATOR: DIN x discharge, grndwtr. Network, annual total Refer to questions 2 & 3, turbidity, above. 1. THRESHOLD: DIN LOAD, ATMOSPHERIC INDICATOR: NO3 + HNO, annual avg. Lake Tahoe Blvd station 1. Refer to question 4, turbidity, above. THRESHOLD: NUTRIENT LOADS, GENERAL INDICATOR: sol. P x discharge sol. Fe x 1. Refer to questions 1-5, turbidity, above. THRESHOLD: TOTAL N, P, Fe, (trib.) CA ONLY INDICATOR: single reading, tributary network 1. Refer to questions 1, 2, 3, and 5, turbidity, above. THRESHOLD: DIN; SOL, P, Fe, SS (trib.) NV ONLY INDICATOR: single reading tributary network 1. Refer to questions 1, 2, 3 and 5, turbidity, above. THRESHOLD: DIN, SOL, P, Fe, SS, GREASE/OIL DISCHARGED TO SURFACE WATER FROM **RUNOFF** INDICATOR: single reading runoff sites 1. Does the project route impervious surface runoff directly into Lake Tahoe $Y \sqcap N \bowtie$ a. or a major tributary? $Y \square N \square$ If yes, is the discharge structure consistent with BMP handbook? b. 2. Does the project create large impervious areas (e.g. parking lots) $Y \square N \square$ a. which may serve as a source of airborne pollutants, grease or oil? If yes, is the project consistent with Subsections 60.4.3, 60.4.6 and 60.4.9? b. $Y \square N \square$ THRESHOLD: TOTAL N, TOTAL P, TOTAL Fe TURBIDITY, GREASE/OIL DISCHARGE TO **GRDWTR FROM RUNOFF** INDICATOR: single reading runoff site

Does the project include infiltration devices to infiltrate impervious

If yes, is the project consistent with Subsection 60.4.6?

surface runoff directly underground?

1.

b.

3

 $Y \boxtimes N \square$

 $Y \boxtimes N \square$

CATEGORY: SOIL CONSERVATION

THESHC	LD: IMPERVIOUS COVERAGE	INDICATOR: a	rea or c	overage
1. a	1 3	d 30.6?	Y ⊠ Y ⊠	N □ N □
THRESH	OLD: NATURALLY-FUNCTIONING SEZ	INDICA	TOR: a	area of SEZ
1. a	1 3	ng SEZ?	Y	N ⊠ N □
CATEG	DRY: VEGETATION			
THRESH	OLD: PLANT & STRUCTURAL DIVERSITY INDIC	CATOR: plant &	structu	ral diversity
1. a		niques	Y □ Y □	N ⊠ N □
THRESH	OLD: MEADOW & RIPARIAN VEGETATION INDICATO	OR: area of mead	low & r	iparian veg.
1. a	Refer to question 5, turbidity, above.			
THRESH	OLD: DECIDUOUS RIPARIAN VEGETATION INDI	CATOR: area of	riparia	n vegetation
1. a	Refer to question 5, turbidity, above.			
THRESH	OLD: SHRUB ASSOCIATION IND	ICATOR: area o	of shrub	association
1. a	1 3	shrub	Y 🗌	N 🗵
b	association? If yes, has the additional area been calculated, and a determinate that the total area is less than or equal to 25%?	nation been	Y 🗌	N 🗆
THRESH	OLD: YELLOW PINE ASSOCIATION (not mature) INDIC	CATOR: area of	yellow	pine assoc.
1. a	1 3	mature yellow	Y 🗌	N 🗵
b	pine association? If yes, has the additional area been calculated, and a determithat the total area in the Region is between 15 and 25%?	nation made	Υ 🗌	N 🗆
THRESH	OLD: RED FIR ASSOCIATION	INDICATOR: a	rea of re	ed fir assoc.
1. a	Does the project create a change in the areal extent of the im association?	mature red fir	Y 🗌	N 🗵
b		ation made	Υ 🗌	N 🗌
THRESH	OLD: FOREST OPENINGS INDICATOR:	size and location	of fore	est openings
1. a	1 5		Y □ Y □	N ⊠ N □

2.	a. b.	Does the project create new forest openings adjacent to other openings? If yes, are the resultant adjacent openings not of the same relative age class or successional stage?	Y □ N ⊠ Y □ N □
THRE	SHOI	LD: UNCOMMON PLANT COMMUNITITES INC	DICATOR: habitat sites
1.	a.	Will the project impact the habitats for the deepwater sphagnum bog, Osgood Swamp, or the Freel Peak Cushing Plant Community?	Y □ N ⊠
	b.	If yes, have modifications been included in the project to protect these plant communities?	Y 🗌 N 🗍
THRE	SHOI	LD: SENSITIVE VEGETATION INDICATOR:	number of habitat sites
1.	a.	Will the project impact the habitats of the <u>Carex paucifructus</u> , the <u>Draba asterophora v.</u> , or the <u>Rorippa subumbellata?</u>	Y □ N ⊠
	b.	If yes, have modifications been included in the project to protect these plant communities?	Y □ N □
CATE	GOR	RY: WILDLIFE	
THRE	SHOI	LD: SPECIAL INTEREST SPECIES INDICATOR:	number of habitat sites
1.	a.	Will the project result in the loss, modification or increased disturbance of habitat site for goshawk, osprey, bald eagle, (winter and nesting), gold eagle, peregrine falcon, waterfowl, or deer, as mapped on official TRPA maps?	Y □ N ⊠ len
	b.	If yes, have modifications been included in the project to protect these habitat sites?	Y 🗌 N 🗎
CATEGORY: FISHERIES			
THRE	SHOI	LD: EXCELLENT STREAM HABITAT INDICATOR: sites of 6	excellent stream habitat
1.	a.	Does the project include stream channelization, stream dredging, remova of rock or gravel from a stream, culverts, bridges, or water diversions	l Y □ N ⊠
	b.	affecting a stream identified as fish habitat? If yes, have modifications been included in the project to offset impacts of stream habitat and contribute to the upgrading of stream habitat?	on Y 🗌 N 🗍
2.	a.	Will the project result in siltation, urban runoff, snow disposal, or litter the may affect water quality in a stream identified as fish habitat?	nat Y 🔲 N 🗵
	b.	If yes, is the project consistent with Subsections 60.4.3 and 60.4.6?	Y 🗌 N 🔲
THRE	SHOI	LD: GOOD STREAM HABITAT INDICATOR: miles	s of good stream habitat
1.	a.	Refer to questions 1 and 2, above.	
THRE	SHOI	LD: MARGIANL STREAM HABITAT INDICATOR: miles of r	narginal stream habitat

Refer to questions 1 and 2, above.

1.

THKI	ESHO	LD: INSTREAM FLOWS	NDICATOR	: increase fl	ows
1.	a. b.	Does the project include new water diversions? If yes, is there evidence in the record to indicate that flows will remain within adopted TRPA standards or, in the absence of adopted standards that flows will not be diminished?		N ⊠ N □	
2.	a. b.	Does the project include new coverage or disturbance that could cort to uncontrolled runoff reaching a stream identified as fish habitat? If yes, is the project consistent with Subsections 60.4.3 and 60.4.6?	ntribute Y Y	N ⊠ N □	
3.	a.	Refer to question 5, turbidity, above.			
THRI	ESHOI	LD: LAKE HABITAT INDICATE	OR: area of e	excellent hal	bitat
1.	a. b.	Does the project include development in the shorezone, removal of or gravel from the lake, or removal of vegetation in the shorezone? If yes, is the project consistent with Chapters 80-86?	rock Y Y	N ⊠ N □	
2.	a. b.	Does the project increase the potential for siltation, runoff, or erosio entering Lake Tahoe? If yes, is the project consistent with Subsections 60.4.3 and 60.4.6?	Y D	N ⊠ N □	
		LD: COMMUNITY NOISE EQUIVALENT LEVEL (CNEL) Does the project involve the creation of a new or relocated land use's If yes, is the project consistent with the applicable plan area statement		R: dBA, CN N ⊠ N □	\ EL
2.	a. b.	Is the project located within a transportation corridor as mapped on TRPA maps? If yes, does the project include components to reduce the transmission noise from the corridor, in accordance with the TRPA Design Revie Guidelines?		N ⊠ N □	
CAT	EGOF	RY: SCENIC RESOURCES			
THRI	ESHO	LD: ROADWAY AND SHORELINE RATINGS	INDIC	CATOR: rati	ings
1.	a. b.	Is the project located within, or visible from, a roadway or shoreline targeted for scenic upgrading? If yes, is the project consistent with the TRPA Scenic Quality Implementation Program (SQUIP)?	unit Y Y	N ⊠ N □	
2.	a. b.	Is the project located within, or visible from, a roadway or shoreline not targeted for scenic upgrading? If yes, is there evidence in the record that the project will not cause significant decrease in scenic quality, and is the project consistent with TRPA Design Review Guidelines?	а Ү 🗌	N ⊠ N □	

CATEGORY: RECREATION

THRESHOLD: PRESERVE AND ENHANCE THE HIGH QUALITY RECREATION EXPERIENCE

	INDICATOR: o				dispersed rec. capac		
1.		ocated in a conservation or recreation roject consistent with the applicable pl		Y	N ⊠ N □		
CAT	EGORY: CODE/RU	LES OF PROCEDURE REQUIREN	<u>MENTS</u>				
1.	Does the project require Governing Board Review (Chapter 2)?				N 🗵		
5.	Does the project require notice to adjacent property owners (Art. XII Rules of Procedure)?			Y 🗵	N 🗌		
6.	Is the project consistent with the following:						
	Chapter 2 Chapter 6 Chapter 21 Chapter 22 Chapter 30 Chapter 31 Chapter 32 Chapter 33.3 Chapter 33.4 Chapter 33.5 Chapter 33.6 Chapter 34 Chapter 34 Chapter 35 Chapter 36 Chapter 37 Chapter 37 Chapter 38 Chapter 50 Chapter 51 Chapter 52 Chapter 53 Chapter 53 Chapter 60 Chapter 60.1 Chapter 60.2 Chapter 61.1 Chapter 61.3.6 Chapter 61.4 Chapter 62 Chapter 62 Chapter 62 Chapter 63	(Project Review) (Tracking-Data Sheets/Log Book (Permissible Uses) (Temporary Uses) (Coverage) (Density) (Basic Service) (Grading) (Special Reports) (Construction Schedule) (Vegetation Protection) (Driveways) (Parking) (Natural Hazards-Floodplain) (Design Standards) (Height) (Signs) (Allocations) (Transfers) (Bonus Units-MFD only) (IPES) (BMP's) (Water Quality) (Water Quality Mitigation) (Tree Removal) (Sensitive Plants/Fire Hazard) (Revegetation) (Wildlife) (Fish)	N/A	Y ⋈ Y Y ⋈ Y Y ⋈ Y Y ⋈ X Y Y ⋈ X Y X X Y X X Y X X Y X X Y X Y			
	Chapter 65.1 Chapter 65.2 Chapter 67	(Air Quality) (Traffic/Air Quality Mitigation) (Historic Resource)	N/A □ N/A ⊠ N/A □	Y 🖂 Y 🗔 Y 🖂	N		