



TOWN OF TRUCKEE
COMMUNITY DEVELOPMENT DEPARTMENT
BUILDING AND SAFETY DIVISION

RESIDENTIAL SPA/HOT TUB INSTALLATION	STATUS:
BUILDING PERMIT NUMBER:	

Dear Permit Applicant:

PRIOR TO ISSUE OF THIS PERMIT APPLICATION, REVIEW AND WRITTEN APPROVAL BY THE FOLLOWING TOWN DIVISIONS AND LISTED ALTERNATE AGENCIES ARE REQUIRED.

Please review the table at the bottom of this page. If the status of a Town Division is checked as “Not Approved”, a list of conditions for their approval has been attached to this document. Review the conditions, provide appropriate additional documentation and/or revisions to plans to comply with those conditions and return to the Building Division front counter. The Building Division will route the returned documentation to appropriate locations for their review and approval. Once all approvals have been obtained, the permit application will be “Approved” and the applicant will be notified.

If you have questions regarding specific conditions for approval, please direct them to the individual who wrote them. Staff member names and telephone numbers are included with the corresponding comment list from each division.

(It is the intent of the Community Development Department to obtain all Town Division approvals, or attach a list of their conditions for approval, prior to contacting the applicant in regards to the permit status. If however, the status of a Division below is marked as “Not Approved” and no comments have been attached, please contact that division at the number listed to obtain either their written approval or a list of conditions for their approval.)

TOWN DIVISION STATUS IS AS FOLLOWS:

<input type="checkbox"/> Approved	Date:	<input type="checkbox"/> Not Approved, see attached	Building and Safety Division (530) 582-7821
<input type="checkbox"/> Approved	Date:	<input type="checkbox"/> Not Approved, see attached	Engineering Division (530) 582-7700
<input type="checkbox"/> Approved	Date:	<input type="checkbox"/> Not Approved, see attached	Planning Division (530) 582-7700

ALTERNATE AGENCY STATUS IS AS FOLLOWS:

Review and written approval from the following agencies is required as noted.			
Please contact them directly for their requirements and forward their approval to the Building and Safety Division.			
<input type="checkbox"/> Approved	<input type="checkbox"/> Not approved	<input type="checkbox"/> Not Applicable	Nevada County Environmental Health (530) 470-2787
<input type="checkbox"/> Approved	<input type="checkbox"/> Not approved	<input type="checkbox"/> Not Applicable	Truckee Fire Protection District (530) 582-7850
<input type="checkbox"/> Approved	<input type="checkbox"/> Not approved	<input type="checkbox"/> Not Applicable	Truckee Sanitary District (530) 5873804
<input type="checkbox"/> Approved	<input type="checkbox"/> Not approved	<input type="checkbox"/> Not Applicable	Truckee Donner Public Utility District (530) 587-3896

Sincerely,

The Town of Truckee

SPA/HOT TUB INSTALLATION COMMENT LIST REQUIRED WITH THE PLANS

The following code items are frequently over looked during the construction process. Compliance with these requirements is the responsibility of the owner/contractor. This list is only a partial list of the codes, ordinances, and state laws used and/or adopted by the Town. Please be aware that the Building Inspectors will be using this list and all codes, ordinances, and state laws to perform their inspections.

Prior to issue of the building permit, provide comments and/or revisions to plans to address any of the following items which have been marked with an "X".

**BUILDER'S
COMMENT**

**CORRECTION / CLARIFICATION REQUIRED
AND / OR ADDITIONAL COMMENTS**

Pre-inspection is required prior to demolition or construction. Please call for inspection when permit has been issued.

- 1 When the value of additions, alterations or repairs exceeds \$1000, existing dwellings or sleeping units that have attached garages or fuel-burning appliances shall be provided with a carbon monoxide alarm. (In existing dwelling units a carbon monoxide alarm is permitted to be solely battery operated where repairs or alterations do not result in the removal of wall and ceiling finishes or there is no access by means of attic, basement or crawl space.). Carbon monoxide alarms shall be installed outside of each separate dwelling unit sleeping area in the immediate vicinity of the bedroom(s) and on every level of a dwelling unit including basements. Single and multiple station carbon monoxide alarms shall be listed as complying with the requirements of UL 2034. Carbon monoxide detectors shall be listed as complying with the requirements of UL 2075. Carbon monoxide alarms and carbon monoxide detectors shall be installed in accordance with this code, the current edition of NFPA 720 and manufacturer's specifications. Other carbon monoxide alarm and detection devices as recognized in NFPA 720 are also acceptable. CRC R315.
- 2 *In new construction and when additions, alterations or repairs to a Group R occupancy exceed \$1000 and a permit is required, or when one or more sleeping rooms are added or created in existing Group R occupancies, smoke detectors shall be installed in accordance with CRC R314.3 (one in every sleeping room; outside each separate sleeping area in the immediate vicinity of the bedroom(s); on each additional story of the dwelling, including basements and habitable attics but not including crawl spaces and uninhabitable attics. (To the extent practicable, alarms shall be hardwired and interconnected with existing). CRC314.4, exc. 3.*
- 3 Carbon monoxide alarms combined with smoke alarms shall comply with CRC R315, all applicable standards, and requirements for listing and approval by the Office of the State Fire Marshall, for smoke alarms.
- 4 Submit three copies of the site/plot plan accurately drawn to scale. Include a north orientation arrow. Show both eave and foundation lines of existing and/or new structure(s), including all decks/retaining walls and other appendages. Show

location of all property lines, set-backs, easements (recreational, utility, access, etc.). Show proposed location of all utility connections. CBC Chapter 107 Site plan drawing shall show contours in intervals of sufficient clarity to indicate the nature of the work, to agree with topographic survey documentation. Any proposed revision(s) to grade shall be represented on site drawing. The plans shall show the existing grade on adjoining properties in sufficient detail to identify how grade changes will conform to the requirements of code. Appendix Chapter J104.2.

- 5 Unless soils engineering report is provided, all cut/fill slopes shall comply with Appendix Chapter J of the 2013 CBC. Any proposed retention of slope in excess of 2(h):1(v) shall be designed by an engineer, or a soils report is required to justify a steeper slope. The top of cut slopes and/or the toe of fill slopes shall not be made nearer to a property line than 1/5 of the vertical height of cut with a minimum of 2' and a maximum of 10'. CBC App. J108.2. (Or justify up to 1.5:1 slope in compliance with exceptions of J106.1) Show appropriate dimensions and revisions to existing contour lines to show compliance with these requirements. Define existing and finished grades at top and toe of all proposed cuts and fills, provide rip rap design and show accurate placement of toe and top of slopes as part of site plan drawing.
- 6 Address signs and porta-potti shall be on the job site at the time of first inspection L.U.D.C. *(Permanent identification of site address shall be placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall be a minimum of 4" high with a minimum stroke width of ½". Where access is by means of a private road and the building address cannot be viewed from the public way, a monument , pole or other sign or means shall be used to identify the structure. CRC R319.)*
- 7 There shall be a floor or landing on each side of each exterior door. The width of each landing shall not be less than the door served. Every landing shall have a minimum dimension of 36 inches measured in the direction of travel. Exterior landings shall be permitted to slope a maximum of 2%. CRC R311.3. Verify hot tub does not encroach on any required components listed above.
- 8 Glazing in walls and fences enclosing indoor and outdoor swimming pools, hot tubs and spas where all of the following conditions are present shall be tempered: The bottom edge of the glazing on the pool or spa side is less than 60" above a walking surface on the pool or spa side of the glazing; and the glazing is within 60" horizontally of the water's edge of a swimming pool or spa. CBC 2406.4.5. Show specific windows on plans, which require safety glazing. Show specific windows on plans, which require safety glazing due to installation of spa/hot tub.
- 9 Electrical plans shall show all fixtures mounted to the building or to other buildings on the same lot as high efficacy fixtures or they shall be controlled by a photocontrol/motion sensor combination. Mandatory Measures 2008 Energy Standards 150(k)6. Any proposed new fixture installation(s) shall comply.
- 10 All revisions proposed due to remodel/alteration shall comply with Mandatory Measures of 2008 Energy Standards. (Copy of MF-1R forms attached). *(Any required window change out; new door(s), etc. as may be proposed and/or required by hot tub installation)*

- 11 Provide switch controlled lighting outlet any proposed new outdoor entrances or exits. CEC Article 210-70(A)(2)(b).
- 12 Receptacles that provide power for a spa, hot tub or hydro massage bathtub shall be ground-fault circuit interrupter protected. Electrical wiring for lighting fixtures and outlets in area of spas and hot tubs shall comply with CEC Article 680. (See items a–n below).
- a) One or more means to disconnect all ungrounded conductors shall be provided for all utilization equipment other than lighting. Each means shall be readily accessible and within sight from its equipment.
- A readily accessible disconnecting means is required to be located within sight of spa and hot tub equipment in order to provide service personnel with the ability to safely disconnect power while servicing equipment such as motors, heaters and control panels. CEC 680.12
- b) The outlet(s) that supplies a self-contained spa/hot tub, a packaged spa/hot tub equipment assembly, or a field-assembled spa/hot tub shall be protected by a ground-fault circuit interrupter. CEC 680.44
- c) The following spa or hot tub electrical equipment shall be grounded (CEC 680..6:
1. Though-wall lighting assemblies and underwater lighting fixtures.
 2. All electrical equipment located within 5 feet of the inside wall of the spa/hot tub.
 3. All electrical equipment associated with the re-circulating system.
 4. Junction boxes.
 5. Transformer enclosures.
 6. Ground-fault circuit interrupters.
 7. Panel boards that are not part of the service equipment and that supply any electrical equipment associated with the spa/hot tub.
- d) Fixed or stationary spa/hot tub equipment other than underwater lighting fixtures, for a permanently installed pool shall be permitted to be connected with a flexible cord and plug to facilitate the removal or disconnection for maintenance or repair. The flexible cord shall not exceed 3 feet in length, shall have a copper equipment grounding conductor sized (in accordance with 250.122 but not smaller than 12 AWG), and shall terminate in a grounding-type attachment plug. The equipment grounding conductors shall be connected to a fixed metal part of the assembly CEC 680.7. The removable part shall be mounted on or bonded to the fixed metal part.
- e) Receptacles that provide power for water-pump motors or for other loads directly related to the circulation and sanitation system shall be located at least 10 feet from the inside wall of the spa/hot tub, OR not less than 6 feet from the inside walls of the spa/hot tub if they meet all of the following conditions (CEC 680.22(A)(1)):
1. Consist of single receptacles
 2. Employ a locking configuration
 3. Are of the grounding type
 4. Have GFCI protection
- Other receptacles shall be not less than 6 feet from the inside walls of the spa/hot tub. 680.22(A)(2)
- f) Where a permanently installed spa/hot tub is installed at a dwelling unit, no fewer than one 125-volt, 15- or 20-ampere receptacle on a general-purpose branch circuit shall be located not less than **6 feet** from, and not more than 20 feet from, the inside wall of the spa/hot tub. This receptacle shall be located not more than 6 feet 6 inches above the floor, platform, or grade level serving the spa/hot tub. CEC 680.22(A)(3)

- g)** All 15- and 20-ampere, single-phase, 125-volt receptacles located within 20 feet of the inside walls of a spa/hot tub shall be protected by a ground-fault circuit interrupter. Receptacles that supply spa/hot tub pump motors and that are rated 15 or 20 amperes, 125 volts or 250 volts, single phase, whether by receptacle or direct connection, shall be provided with GFCI protection for personnel. CEC 680.22(B).
- h)** In outdoor spa/hot tub areas, lighting fixtures, lighting outlets and ceiling-suspended (paddle) fans installed above the spa/hot tub or the area extending 5 feet horizontally from the inside walls of the spa/hot tub shall be installed at a height not less than 12 feet above the maximum water level of the spa/hot tub. CEC 680.22(B)
(2).
- i)** Panel boards containing circuit breakers, time clocks, spa/hot tub light switches, and similar switching devices, where located not less than 5 feet horizontally from the inside walls of a spa/hot tub without a solid fence, wall, or other permanent barrier must be out of reach of persons who are in the spa/hot tub, thereby preventing contact and possible shock hazards. CEC 680.22(C)
- j)** Existing lighting fixtures and lighting outlets located less than 5 feet measured horizontally from the inside walls of a spa/hot tub shall be not less than 5 feet above the surface of the maximum water level, shall be rigidly attached to the existing structure, and shall be protected by a ground-fault circuit interrupter. CEC 680.22(B) (\$).
- k)** Lighting fixtures, lighting outlets, and ceiling-suspended (paddle) fans installed in the area extending between 5 feet and 10 feet horizontally from the inside walls of a spa/hot tub shall be protected by a ground-fault circuit interrupter unless installed not less than 5 feet above the maximum water level and rigidly attached to the structure adjacent to or enclosing the spa/hot tub. CEC 680.22(B) (4).
- l)** Cord-and-plug-connected lighting fixtures shall comply with the requirements of 680.7 (see item d above) where installed within 16 feet of any point on the water surface, measured radially. CEC 680.22(B) (5).
- m)** Underground wiring shall not be permitted under the pool or within the area extending 5' horizontally from the inside wall of the pool unless it is necessary to supply pool equipment. Where space limitations prevent wiring from being routed a distance of 5' or more from the pool, such wiring shall be permitted where installed in complete raceway systems of rigid metal conduit, intermediate metal conduit, or a nonmetallic raceway system. All metal conduits shall be corrosion resistant and suitable for the location. CEC 680.10.
- n)** Switching devices shall be located at least 5 feet horizontally from the inside walls of a spa/hot tub unless separated from the unit by a solid fence, wall or other permanent barrier. Alternatively, a switch that is listed as being acceptable for use within 5 feet shall be permitted. CEC 680.22(C). Other outlets shall be not less than 10' from the inside walls of the unit. CEC 680.22(D).