



2020 -2023 FIRE SPRINKLER SUBMITTAL CHECKLIST

This submittal checklist is required with your plan submittal. All applicable sheet #'s must be identified in the columns provided along the right side and will be used to ensure enough detail is included before the City accepts for review.
APPLICANT SIGNATURES REQUIRED ON PAGE 5 & 6

All construction drawings shall comply with the minimum requirements of the following codes effective January 1, 2020
PLEASE NOTE: THE CITY OF SOUTH LAKE TAHOE IS DESIGNATED AS VERY HIGH FIRE HAZARD SEVERITY ZONE

- | | |
|---------------------------------------|---|
| 2019 California Building Code (CBC) | 2019 California Fire Code (CFC) and NFPA Standards |
| 2019 California Plumbing Code (CPC) | 2019 Residential and Non-Residential Energy Standards (T24) |
| 2019 California Mechanical Code (CMC) | 2019 CAL Green |
| 2019 California Electrical Code (CEC) | City Ordinances and State Laws |

DIGITAL PLAN REVIEW SUBMITTAL REQUIRMENTS

All submittals must be complete and correct or they will be rejected during the processing stage.
[Dropbox](#) and/or [Google Drive](#) links are encouraged if the submittal includes large file sizes
 PDF Submittals must be complete with all Files Named (as shown below in red) and emailed in a single email to:
PlanSubmittal@CityofSLT.US
 Submittals can also be hand delivered to the building department on a Single Flash Drive or CD.

Applicant Use:

Included N/A

Project Intake Completeness Checklist

Staff Use Only:

Included Missing

PDF #1 - All City Applications & Checklists combined in (1) single PDF

File to be Named: Address_Permit#_PC1_CityApplications

PDF #1 - Application

_____	_____	Residential Project Building Permit Submittal Checklist	This Form	_____	_____
_____	_____	Permit Worksheets	Page 4 & 5 on this form	_____	_____
_____	_____	Credit Card Authorization Form	Page 6 on this form	_____	_____

PDF #2 - All plan sheets combined and in order in (1) single PDF

File to be Named: Address_Permit#_PC1_Plans

PDF#2 - Plans

_____	_____	100% Complete Construction Drawings and Specifications, cross-referenced and coordinated among all disciplines		_____	_____
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PDF #3 - Supporting Documents in 1) single PDF with cover page (use link below)

File to be Named: Address_Permit#_PC1_SupDocs

PDF #3 Supporting Documents

_____	_____	Cover Sheet for Supporting Documents (filled out by applicant)	Click here for link	_____	_____
_____	_____	Hydraulic Calculations		_____	_____
_____	_____	Sprinkler Head Specification Sheets		_____	_____
_____	_____	Listed Fire Sprinkler Antifreeze	Click here for link	_____	_____

Construction Document Completeness Checklist - Sheet Numbers to be Completed by Applicant

SPECIFIC PLAN SHEET INFORMATION

1 GENERAL INFORMATION: (cover sheet)	Sheet #
Project name & address, as well as project owner's name, address and phone number	
Name, title, address, phone number of design professional	
Current applicable codes	
Occupancy group(s) and type of construction, fire sprinklers	
Equipment Legend	
The type of system is noted: __ wet, __ dry, __antifreeze not exceeding 40 gals., __ pre-action, and o type of sprinklers are noted: __ pendent, __ upright, __ sidewall,	
Site Plan with hot box locations and backflows (if applicable)	
Declaration that the design standard is based on current CA adopted NFPA Standards and Identify Which Standard	
Detailed description of scope of work and pages numbered (x of y)	
Index of drawings	
Stamp & wet signature of design professional (all sheets)	
2 DESIGN CRITERIA and HYDRAULIC CALCULATIONS	Sheet #
System components are listed for intended use and compatible with the system and equipment data sheets must be provided as supplemental documents or incorporated into plan sheets	
Pipe diameters matches the plans -	
Piping shall be sized using hydraulic calculation procedures in accordance with applicable NFPA Standards	
Include in calculations: static PSI, pipe length, GPM, calculated K-for for riser nipples or drop nipples, elevation data, hose allowance, friction loss, and equivalent pipe length	
3 Sprinkler Plans	Sheet #
Sprinkler plans shall provide a plan of each floor	
Ceiling construction of each floor	
Location of partitions of each floor	
Occupancy of each area or room of each floor	
Location and size of concealed spaces, attics, closets, and bathrooms of each floor	
Any small enclosures in which no sprinklers are to be installed of each floor	
Size of the utility supply main in the street, pressure, whether dead-end or circulating and, if dead-end, the direction and distance to the nearest circulating main	
Make, manufacturer, type, heat-response element, temperature rating, and nominal orifice size of the sprinkler and K-factors	
Temperature rating and location of high-temperature sprinklers	
Number of sprinklers on each riser, per floor	
Kind and location of alarm bells	
Type of pipe and fittings	
Type of protection for nonmetallic pipe	
Nominal pipe size with lengths shown to scale	
Location and size of riser nipples	
Types of fittings and joints and the locations of all welds and bends	
All control valves, check valves, drain pipes, and test connections	
Underground pipe size, length, location, weight, material, and point of connection to the city main; type of valves, meters, and valve pits; and depth at which the top of the pipe is laid below grade In the case of hydraulically designed systems, the material to be included on the hydraulic data nameplate	
Sprinklers are rated for ordinary temperature (135°F-175°F) when ceiling temperature does not exceed 100°F, Sprinklers installed where maximum ambient ceiling temperatures are between 101°F and 150°F (39°C and 66°C) shall be intermediate temperature-rated sprinklers unless modified by NFPA standards due to distance of sprinklers from heat sources	
Antifreeze systems are detailed and designed in accordance with NFPA standards	
Title 24 CFC 903 - All water supply valves and flow switches are supervised,	

	Title 24 CFC 903 / NFPA - Exterior flow alarm location is shown, and the type identified, if electric, it is listed for outdoor use, and connected to the building fire alarm, if provide	
	Title 24 CFC 903- Backflow prevention device, is shown in the pipe schematic, listed specification sheet and pressure loss data is provided	
4	PIPE SUPPORT and HANGERS	Sheet #
	Type and locations of hangers, sleeves, braces, and methods of securing pipe are shown	
	Pipe Support and Hangers are in Accordance with NFPA standards	
	Pipe hanger spacing in compliance with applicable NFPA Tables	
	Branch lines show one hanger per section of pipe, exceptions are listed	
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	Risers in multistory buildings show supports at the lowest level, each alternate	
5	DRAINS and TEST CONNECTIONS	Sheet #
	Drain with a valve is detailed as being on the system side of the control valve	
	Each portion of trapped dry system piping that is subject to freezing is provided a ½ in. drain	
6	SEISMIC BRACING	Sheet #
	Seismic Bracing in accordance with NFPA standards California Fire Code Chapter 9.	
	Flexible couplings may be used for pipe 2½ in. or larger in accordance with NFPA standards	
	Seismic separation assembly for piping is provided at building seismic joints	
	Detail proper pipe clearance is noted on the plans for pipe penetrations in walls, floors, platforms or foundations, Minimum clearance is in accordance with NFPA standards	
	Detail fire resistive assembly's penetration treatments and specify what products are to be used for pipe penetrations in walls, floors, platforms, etc.	
	Detail lateral sway bracing is required at a maximum spacing for all feed and cross mains, and branch lines 2½ in. and larger	
	Seismic bracing calculations are detailed and provided for each brace to be used as shown in NFPA	
7	FIRE DEPARTMENT CONECTIONS and OTHER REQUIRED DETAILS	Sheet #
	At least one fire department connection is provided for buildings accessible by a fire department that exceed 2000 ft2 (186 m2) or are more than a single story.	
	FDC is provided a connection that is at least a 1½ I for res ##' for commercial	
	Title 24 CFC 912.2 - The FDC location is detailed on the street side or response side of building or as approved by the fire official, and when connected to the water supply it will not obstruct emergency vehicle access to the building	
	Fire sprinkler system shall be monitored by the fire alarm system with central alarm supervision	

I verify that I am submitting all the required materials on this checklist and I acknowledge that failure to comply with these requirements may result in my application being rejected and/or may extend the length of time needed to review the project.

Applicant (Applicant Representative) Name Print: _____

Signature: _____

Date: _____



Building Permit Application

Development Services Department · Building & Safety Division
South Lake Tahoe, California 96150-6251 · (530) 542-6010 (530) 541-7524 FAX PermitCenter@cityofslt.us

Submittal Date: _____ Permit Number: _____

(PLEASE FILL-IN APPLICABLE SECTIONS)

PROJECT ADDRESS: _____ APN: _____

PROPERTY OWNER INFORMATION

ARCHITECT DESIGNER ENGINEER N/A

NAME: _____

LICENSE / REGISTRATION #: _____

MAILING ADDRESS: _____

NAME: _____

CITY/STATE/ZIP: _____

COMPANY NAME: _____

PHONE #: (____) _____ FAX #: (____) _____

ADDRESS: _____

E-MAIL ADDRESS: _____

CITY/STATE/ZIP: _____

TENANT COMPANY NAME: _____

PHONE #: (____) _____ FAX #: (____) _____

Please Note: Tenant must provide written approval from the owner

E-MAIL ADDRESS: _____

PLAN REVIEW CONTACT PERSON: _____ PHONE #: (____) _____ FAX #: (____) _____

ADDRESS: _____ E-MAIL ADDRESS: _____

OWNER-BUILDER

CONTRACTOR

CONTRACTOR NAME: _____ PHONE #: (____) _____

MAILING ADDRESS _____ CITY _____ STATE: _____ ZIP: _____

STATE LICENSE #: _____ LIC. TYPE: _____ EXPIRATION DATE: _____ CITY BUSINESS LICENSE # _____

CELL #: (____) _____ E-MAIL ADDRESS: _____

TYPE OF CONSTRUCTION: _____ OCCUPANCY: _____ ZONE: _____ FIRE SPRINKLERS: Yes No

HAZARDOUS MATERIALS: Yes No EXISTING USE: _____ [N/A]

PROPOSED USE: _____

PROJECT VALUATION (Includes all Labor & Materials as if a licensed contractor were to perform the work.) \$ _____

DESCRIPTION OF WORK: (Please fill-in and mark all that apply)

NONRESIDENTIAL

RESIDENTIAL

FIRE APPLICATION SUBMITALS: NEW SYSTEM TENANT IMPROVEMENT ADDITION REPAIR

UNDERGROUND: NFPA 24 NFPA 1142 # OF HYDRANTS: _____

FIRE SPRINKLERS: # OF HEADS: _____ NFPA STANDARD: 13 13 13D

FIRE ALARM: # OF DEVICES: _____

ALTERNATIVE FIRE SUPPRESSION: FM200 HALON HOOD & DUCT VESDA OTHER _____

Owner-Builder Declaration: I hereby affirm under penalty of perjury that I am exempt from the Contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).):

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law.).

I am exempt under Sec. _____, B. & P.C. for this reason _____

Property Owner/Authorized Agent Signature: _____ **Date:** _____

Licensed Contractors Declaration: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Contractor Signature: _____ **Date:** _____

Workers' Compensation Declaration: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

CARRIER: _____ POLICY NO. _____

(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Contractor Signature: _____ **Date:** _____

WARNING: Failure to secure workers' compensation coverage is unlawful and shall subject an employer to criminal penalties and civil fines up to one hundred thousand dollars (\$100,000), in addition to the cost of compensation, damages as provided for in Section 3706 of the Labor Code, interest, and attorney fees.

Construction Lending Agency Declaration:

I hereby affirm *under penalty of perjury* that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Encroachment Contractor Declaration:

Driveway will NOT be added/alterd through the course of this project. (Skip to next section if checked)

Driveway will be added/alterd through the course of this project. (Complete C-12 contractor information below if checked)

Only licensed contractors with a C12 license holding a Certificate of Liability Insurance, listing the City as additional insured, may work in the City's right-of-way. **City Liability Insurance and Contractor license must be on file with the CSLT and must remain current throughout the paving season.**

Name of C-12 Contractor: _____ Phone: _____

C-12 Contractor's License #: _____ C.S.L.T. Business License #: _____

Contractor Signature: _____ **Date:** _____

PROPERTY OWNER AUTHORIZATION - Only required if applicant is NOT Owner or Licensed Contractor.

PROPERTY OWNER INFORMATION

NAME: _____ ADDRESS: _____

PHONE: _____ EMAIL: _____

ATTENTION PROPERTY OWNER: The Building & Safety Division requires property owner authorization for upgrades or renovations of your building. The City needs your written authorization of the proposed work prior to issuing a permit.

APPLICANT'S INFORMATION

Tenant Architect/Engineer/Designer Representative

NAME: _____ ADDRESS: _____

PHONE: _____ EMAIL: _____

The applicant identified on this document has my approval to submit applications and/or plans for the following upgrades or renovations:

Owner(s) Signature(s): _____ **Date:** _____

IMPORTANT: APPLICATION IS HEREBY MADE TO THE BUILDING OFFICIAL FOR A PERMIT SUBJECT TO THE CONDITIONS AND RESTRICTIONS SET FORTH ON THIS APPLICATION AND THE FOLLOWING:

1. The City's approved plans and permit inspection card must remain on the job site for use by City inspection personnel.
2. Final inspection of the work authorized by this permit is required. A Certificate of Occupancy must be obtained prior to use and occupancy of new buildings, structures and remodeling work.

I certify that I have read this application and state that the above information is correct and that I am the owner or the duly authorized agent of the owner. I agree to comply with all city and state laws relating to building construction. I hereby authorize representatives of this City to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption from the Worker's Compensation provisions of the Labor Code, I should become subject to such provisions, I will forthwith comply. In the event I do not comply with Worker Compensation law, this permit shall be deemed revoked.

Print Name: _____

Property Owner/Authorized Agent Signature: _____ **Date:** _____

Plan review expires by time limitation and becomes null and void if the permit is not issued within 180 days from the date of plan submittal.

This permit expires and becomes null and void if any work authorized by this permit is suspended or abandoned within 12 months or if no progressive work has been verified by a City building inspector for a period of 12 months.



"We will reflect the National Treasure in which we live"

ONE TIME CREDIT CARD PAYMENT AUTHORIZATION FORM

Credit Card Authorization form may be used for immediate project intake.

Fees may alternatively be calculated by staff at intake, project cannot be taken in until fees are collected

For assistance in calculating your fees prior to project submittal please contact the permit center.

ADDRESS OF PROPERTY _____

APN _____ **UNIT #** _____

Sign and complete this form to authorize City of South Lake Tahoe to make a one time debit to your credit card listed below.

By signing this form you give us permission to debit your account for the amount indicated on or after the indicated date. This is permission for a single transaction only, and does not provide authorization for any additional unrelated debits or credits to your account.

Please complete the information below:

I _____ authorize **City of South Lake Tahoe** to charge my credit
(full name)

card account indicated below for up to \$ _____ on or after _____. This payment is for
(amount) (date)

_____ at _____
(Building Permit / Planning Permit / VHR Permit – New, Renew, TOT Audit) (Property Address)

Billing Address _____

Phone# _____

City, State, Zip _____

Email _____

Account Type: Visa MasterCard AMEX Discover

Cardholder Name _____

Account Number _____

Expiration Date _____

CVV2 (3 digit number on back of Visa/MC, 4 digits on front of AMEX) _____

SIGNATURE /s/ _____

DATE _____

I authorize the above named business to charge the credit card indicated in this authorization form according to the terms outlined above. This payment authorization is for the goods/services described above, for the amount indicated above only, and is valid for one time use only. I certify that I am an authorized user of this credit card and that I will not dispute the payment with my credit card company; so long as the transaction corresponds to the terms indicated in this form.