This review sheet is required to be completed and submitted with plat documents. Failure to submit completed review sheet will result in a project being tabled.

1 SITE PLANNING & DESCRIPTION

THE PROJECT KNOWN AS

_____

ADDRESS: _____

CITY: _____ ST: _____

CONTACT INFORMATION - REQUIRED

NAME: _____

COMPANY OR FIRM: _____

CONTACT NUMBER: _____

EMAIL: _____

☐ SINGLE OCCUPANCY | **FOR MIXED OCCUPANCY ONLY** *508.3 / 508.4 IBC 2018*

☐ MIXED OCCUPANCY ☐ SEPARATED USE ☐ NON-SEPARATED USE

TYPE OF CONSTRUCTION: _____ *(CHAPTER 6 IBC 2018)*

HEIGHT OF BUILDING: _____ # OF FLOORS: _____

GROSS SQUARE FOOTAGE: _____

ELEVATIONS WITH DIMENSIONS SHOWING BUILDING HEIGHT ARE REQUIRED

LIST BELOW THE PURPOSE/USE OF THE BUILDING OR AREA BEING REVIEWED. INCLUDE DETAILS ON THE PRODUCTS/MATERIALS BEING STORED/FABRICATED AND NOTE HOW THEY ARE BEING PACKAGED.

_____

_____

_____

_____

_____

_____

2 OCCUPANCY TYPE AND LOAD

CHAPTER 2, 3 & TABLE 1004.5 IBC 2018

OCCUPANCY CLASSIFICATION TYPES

☐ A-1	☐ A-2	☐ A-3	☐ A-4	☐ A-5	☐ B	☐ E
☐ F-1	☐ F-2	☐ H-1	☐ H-2	☐ H-3	☐ H-4	☐ H-5
☐ I-1	☐ I-2	☐ I-3	☐ I-4	☐ M	☐ R-1	☐ R-2
	☐ R-3	☐ R-4	☐ S-1	☐ S-2	☐ U	

FOR ASSEMBLY OCCUPANCY ONLY
LIST TOTAL OCCUPANT LOAD: _____

3 FIRE APPARATUS ACCESS

CHAPTER 5 / APPENDIX D IFC 2018

SELECT Developments of one- or two-family dwellings where the number of dwelling units will exceed 60 units shall be provided with two separate fire apparatus access roads, subject to approval from the fire code official that meet the requirements of D107.1 (D107.2 see city ORD)

Exceptions and conditions:

a. Where all dwelling units are or will be equipped with an approved automatic sprinkler system in accordance with Section 903.3.1.1, 903.3.1.2, or 903.3.1.3.

b. The number of dwelling units on a single fire apparatus access road shall not be increased unless fire apparatus access roads will connect with future development, as determined by the fire code official.

c. Where there are or will be more than 60 but less than 120 dwelling units on a single public or private fire apparatus access road and the access road is built as a colletor street, as approved by the City. All single access (non-looped) streets within the subdivision must be built and approved as collector streets.

SELECT Multi-family residential projects with more than 100 dwelling units shall be equipped throughout with two separate and approved fire apparatus access roads. For Exception see D106.1.

SELECT Multi-family residential projects with more than 200 dwelling units shall be equipped throughout with two separate and approved fire apparatus access roads'regardless of being equipped with an approved automatic sprinkler system.

REQUIRED Fire apparatus access roads shall have an unobstructed width of no less than 20 feet exclusive of shoulders and an unobstructed vertical clearance of not less than 13 feet 6 inches, unless a greater width is required as listed herein.

REQUIRED The fire apparatus access road shall be designed with an approved driving surface to provide all-weather driving capabilities and capable of supporting the imposed load of a fire apparatus weighing at least 75,000 pounds and not exceed 10% in grade.

SELECT The minimum turning radius shall allow for the largest apparatus to turn onto an adjacent street without entering into on-coming traffic and without going over a curb. (25 feet inside and 50 feet outside radius)

SELECT Dead-end fire apparatus access roads in excess of 150 feet in length shall be provided with an approved area for turning around fire apparatus. See Appendix D and Local Amendments.

SELECT The fire apparatus access road shall extend to within 150 feet of all portions of the facility and all portions of the exterior of the first story of the building as measured by an approved route around the exterior of the building or facility.

*****Exception: Fire code official is authorized to increase the dimension of 150 feet where: 1) The building is equipped throughout with a fire sprinkler system. 2) Road cannot be installed because of location on the property, topography, nonnegotiable grades or other similar conditions and an approved alternative means of fire protection is provided. 3) There are not more than two Group R-3 or Group U occupancies. See Local Amendments.***

SELECT Gates securing the fire apparatus access road(s) shall comply with all of the following criteria: See Local Amendments to 503.6.

a. The minimum gate width shall be 20 feet

b. Gates shall be of the swinging or sliding type

c. Construction of gates shall be of materials that allow manual operation by one person

d. Electric gates shall be equipped with a means of opening the gate by Fire Department personnel for emergency access. These devices shall be approved by the fire code official.

e. Locking device specifications shall be submitted for approval by the fire code official.

4 AERIAL APPARATUS ACCESS

REQUIRED FOR ALL BUILDINGS IN EXCESS OF 30 FEET IN HEIGHT FROM FIRE DEPARTMENT ACCESS

SELECT Fire apparatus access roads shall have a minimum unobstructed width of 26 feet in the immediate vicinity of the building or portion of the building.

REQUIRED Overhead utility lines shall not be located within the aerial fire apparatus access road.

SELECT Buildings exceeding 30 feet in height or three stories shall have at least two means of fire apparatus access for each structure

SELECT At least one of the required access routes shall be located within 15 feet and 30 feet from the building and shall be positioned parallel to one entire side of the building.

SELECT Submitted required building elevations showing demensions of building height.

5 FIRE PROTECTION SYSTEMS

CHAPTER 9 IBC & IFC 2018

AUTOMATIC FIRE SPRINKLER SYSTEM

☐ REQUIRED PER SECTION 903

☐ NOT REQUIRED PER SECTION 903

IF EXCEPTIONS PER SECTION 903 ARE USED, PLEASE LIST THE EXCEPTIONS IN BOX BELOW. (ie: FIRE SEPERATION, FIRE BARRIER CONSTRUCTION)

FIRE DEPARTMENT CONNECTIONS

SELECT FIRE DEPARTMENT CONNECTION MEETS LISTED REQUIREMENTS AND IS SHOWN ON SUBMITTAL PLANS

(FDC SHALL COMPLY WITH SECTION 912 IFC 2018 and local Amendments)

FIRE DEPARTMENT CONNECTION REQUIREMENTS:

A. *shall be a freestanding, 4-inch diameter minimum sized pipe with a 5-inch Storz hose thread connection. It shall also include a 30 degree turn down and a Knox Box brand locking cap.*

B. *A dedicated hydrant shall be located within 75 feet of the FDC on the same side of the street or driveway to prevent fire hose from blocking access.*

C. *The FDC shall be located on the street side of the building, fully visible and recognizable from the street, and shall be located no closer than 1 1/2 times the height or at least 40 feet away from the building, whichever is greater, in a remote location approved by Fire Marshal. In special cases, the FDC can be located at the corner of taller structures.*

6 WATER SUPPLY (FOR FIREFIGHTING)

CHAPTER 5, APPENDIX B & C IFC 2018

_____ GROSS SIZE OF BUILDING IN SQUARE FEET
(INCLUDE ALL OVERHANGS UNDER ROOF)

PUBLIC WATER SUPPLY WITH HYDRANTS

NUMBER OF HYDRANTS WITHIN 400 FT (NON-SPRINKLED) OR 600 FT (SPRINKLED) OF BUILDING: _____

REQUIRED GPM: _____ DURATION: _____
(TABLE B105.1(2) IFC 2018)

75% REDUCTION FOR SPRINKLER SYSTEM? YES ☐ NO ☐
(MUST MAINTAIN MINIMUM OF 1,500 GPM)

SELECT Meets fire hydrant spacing in accordance with Table C102.1

SELECT Where fire hydrants are subject to impact by a motor vehicle, guard posts or other approved means shall be installed, subject to Fire Marshal approval.

REQUIRED Hydrant(s) locations are shown on submittal plans

REQUIRED An approved water supply for fire protection, either temporary or permanent, shall be made available as soon as combustible materials arrive on the site and going vertical with construction.

REQUIRED Where a fire hydrant is located on a fire apparatus access road. Follow IFC Sec 507.5.1 through 507.5.6, Appendex C, and Local Amendments.

7 FIRE LANE ACCESS

CHAPTER 5, SECTION 503.3 (Local Amendments)& APPENDIX D IFC 2018

REQUIRED All areas not designated as parking spaces shall be identified as "No Parking Fire Lane" following the requirements listed in Chapter 5, Section 503.3 (Local Amendments) & Appendix D in the IFC 2018.

ADDITIONAL NOTES

Note: The code items in this review are not intended to be a complete listing of all possible fire code requirements adopted by the City of Kerrville. Additional information may be required prior to building permit approval and/or building occupancy.

OFFICIAL USE ONLY

PROJECT NUMBER: _____

The Kerrville Fire Marshal's office has completed the initial review of the subject development application. Items not meeting the reqirements of the fire code must be resolved prior to approval from the Fire Department.

APPROVED BY THE KERRVILLE FIRE MARSHALS OFFICE

REVIEWED BY: _____ **DATE:** _____

THE PROJECT WAS REVIEWED, HOWEVER, THIS DOES NOT MEAN THE ENTIRE PROJECT, INCLUDING ALL SUPPORTING DATA AND CALCULATIONS, HAVE BEEN COMPLETELY CHECKED AND VERIFIED. THESE DRAWINGS ARE SIGNED, DATED AND SEALED BY A PROFESSIONAL ENGINEER/ ARCHITECT LICENSED TO PRACTICE IN THE STATE OF TEXAS, WHICH THEREFORE CONVEYS THE PROFESSIONAL'S RESPONSIBILITY AND ACCOUNTABILITY, THIS ACCEPTANCE DOES NOT RELIEVE ANY PARTY FROM COMPLYING WITH ANY OTHER LEGAL ADOPTED REGULATION OR ORDINACE RELATED TO LAND DEVELOPMENT.

TABLED BY: _____ **DATE:** _____

_____

_____

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TECH PLAT FIRE CODE REVIEW SHEET **(IFC/IBC shall mean City Of Kerrville Fire Prevention Code)**

City of KERRVILLE, TEXAS (Updated 7/2022)

OFFICAL USE ONLY: RECORD OF PREVIOUS TECH PLAT SUBMITTALS

DATE	APPROVED/DENIED	DESCRIPTION	REVIEWER

SHEET NUMBER _____ OF _____