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 2012*

☐ MIXED OCCUPANCY ☐ SEPARATED USE ☐ NON-SEPARATED USE

TYPE OF CONSTRUCTION: _____ *(CHAPTER 6 IBC 2012)*

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 1004.1.2 IBC 2012

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 2012

SELECT — Developments of single- or two-family dwellings, where the number of dwelling units exceeds 30, shall be provided with separate and approved fire apparatus access roads that meet the requirements of D107.1

Exceptions:

a. Where there are more than 30 dwelling units on a single public or private access way and all dwelling units are protected by approved residential sprinkler systems, access from two directions shall not be required.

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.

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

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.

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

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.

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.

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.***

SELECT — Gates securing the fire apparatus access road(s) shall comply with all of the following criteria:

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.

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 2012

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 2012)

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 100 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 the height of the building plus 15% from the structure. 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 2012

_____ 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 IFC 2012)

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

SELECT — Meets fire hydrant spacing in accordance with Table C105.1

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.

Hydrant(s) locations are shown on submittal plans

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

Where a fire hydrant is located on a fire apparatus access road, the minimum road width shall be 26 feet (20 feet each side of hydrant).

7 FIRE LANE ACCESS

CHAPTER 5, SECTION 503.3 & APPENDIX D IFC 2012

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 & Appendix D in the IFC 2012.

ADDITIONAL NOTES

OFFICIAL USE ONLY

PROJECT NUMBER: _____

Approved by the Farmington Fire Department

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 ARKANSAS, 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 ORDINANCE RELATED TO LAND DEVELOPMENT.

TABLED BY: _____ **DATE:** _____

TECH PLAT FIRE CODE REVIEW SHEET **(IFC/IBC shall mean Arkansas Fire Prevention Code, Vol. I & II)**

City of Farmington, Arkansas

OFFICAL USE ONLY: RECORD OF PREVIOUS TECH PLAT SUBMITTALS

DATE	APPROVED/DENIED	DESCRIPTION	REVIEWER

SHEET NUMBER _____ OF _____