



FIRE PROTECTION DISTRICT
8815 WEST 123RD STREET
PALOS PARK, ILLINOIS 60464

JAMES GRABEN
CHIEF

Plan Review Submittals

Palos Fire Protection District (PFPD) utilizes **Firedyne Engineering** for code compliance review on all plans submitted to our department. Attached is a letter explaining the *Plan Review Requirements* process and the *Plan Review Services Transmittal Form* that must be completed at the time the plans are submitted. Also included is Firedyne's *fee schedule*. The completed Plan Review Services Transmittal form should be sent as a fax, email (listed below), or left at the station as well as being submitted to Firedyne.

PFPD maintains copies of commercial and multi-family dwelling's building and installed system plans. It does not maintain plans for single family residential buildings.

To clarify, NFPA 101 (2006 edition) requires residential sprinkler systems in all one and two-family dwellings. PFPD has exempted those residences under 5000 sq. ft. from being required to install sprinkler systems (see ordinance 03-2009), although it is **highly recommended** all residences have sprinklers. PFPD considers the 5000 sq. ft. to include; all heated areas that can be occupied by residents, including; basements, areas with mechanical systems installed and storage areas. These are potential areas of origin for fires in structures. Unheated attics and crawl spaces with limited access will not be included. Residential plans will be preliminarily reviewed in house by our Fire Prevention Bureau personnel to determine if further review is necessary by Firedyne. If the square footage of the above noted areas is not listed on the prints or the proposed home is over 5000 square feet, plans will be submitted to Firedyne to calculate the total square footage of the building and review of the plans.

Captain Arthur Adams, Shift Commander

Fire Marshal, Palos Fire Protection District
March 15, 2016

FIRE PROTECTION IS YOUR JOB, TOO

• BUSINESS PHONE (708) 448-0369 • FAX (708) 448-0849
• EMAIL: Firemarshal@palosfire.org



ORDINANCE NO. 03 - 2009
PALOS FIRE PROTECTION DISTRICT



IT IS ORDAINED, by the Board of Trustees of Palos Fire Protection District, pursuant to the powers vested in said District under Chapter 70 ILCS 705, "AN ACT IN RELATION TO FIRE PROTECTION DISTRICTS."

An Ordinance adopting N.F.P.A. #1, Fire Prevention Code and N.F.P.A. #101, Life safety Code (2006 Editions) as herein incorporated by reference as if fully set forth and as supplemented by the Board of Trustees of Palos Fire Protection District.

WHEREAS, Palos Fire Protection District (the "District") is a fire protection district duly organized under the laws of the State of Illinois; and

WHEREAS, the Board of Trustees of the District has express power to adopt and enforce fire prevention codes and standards parallel to national standards pursuant to 70 ILCS 705/11; and

WHEREAS, the District's Board of Trustees has previously adopted Ordinances pertaining to fire prevention codes and standards, these Ordinances being Ordinance 86-3 (adopted March 11, 1986), 87-3 (adopted December 8, 1987), 91-5 (adopted June 11, 1991), 94-006 (adopted 1994), and 00-001 (adopted 2001).

WHEREAS, it is in the best interest of public health, safety, and welfare that the District repeals its prior referenced Fire Protection Ordinances being Ordinance 86-3 (adopted March 11, 1986), 87-3 (adopted December 8, 1987), 91-5 (adopted June 11, 1991), 94-006 (adopted 1994), and 00-001 (adopted 2001) and adopts the following:

- N.F.P.A. #1, Fire Prevention Code- (2006 Edition) with all of NFPA 1500-1599 exempted and all referenced publications as defined in Chapter 43 of that code;

- N.F.P.A. #101, Life Safety Code (2006 Edition) and all referenced publications as defined in appendix B, with the following change to section 24.3.5.1; All new one- and two-family dwellings 5000 square feet and greater shall be protected throughout by an approved automatic sprinkler system in accordance with 24.3.5.2. All other referenced sprinkler requirements for new one- and two-family dwellings not specifically identified here shall be subject to this same square foot requirement.

WHEREAS, these codes and standards shall be known as the Palos Fire Protection District's Fire Prevention and Life Safety Codes; and

WHEREAS, the Board of Trustees has found that such Codes are parallel to national standards and it is in the best interest of public safety to adopt said codes as supplemented. These amendments are numbered for convenience to correspond to the NFPA 2006 Chapters, provided that the numbering convention used in this amendment is not intended to be exclusive if the subject matter relates to other NFPA 2006 Code Chapters and if in the opinion of the Fire Marshal it is consistent to construe the amendment to be appropriate elsewhere in the Code as supplemented, such application shall not be barred or prohibited.

NOW, THEREFORE, Be it ordained by the Board of Trustees of the Palos Fire Protection District as follows:

FIREDYNE ENGINEERING, P.C.

PLAN REVIEW REQUIREMENTS

STEP 1 – COMPLETE THE SUBMITTAL DOCUMENTS (EITHER CONSTRUCTION DOCUMENTS OR SHOP DRAWINGS). CONSTRUCTION DOCUMENTS MUST BE SIGNED & SEALED BY AN ILLINOIS REGISTERED DESIGN PROFESSIONAL (WET SIGNATURE REQUIRED). SHOP DRAWINGS MUST BE SIGNED BY A NICET CERTIFIED TECHNOLOGIST (WET SIGNATURE REQUIRED).

STEP 2 – COMPLETE A PLAN REVIEW SERVICES TRANSMITTAL FORM (SEE NEXT PAGE).

STEP 3 – SEND ONE SET OF THE SUBMITTAL DOCUMENTS AND A COMPLETED PLAN REVIEW SERVICES TRANSMITTAL FORM TO (CHECK THE 'NO SIGNATURE REQUIRED' BOX ON THE SHIPPING LABEL):

FIREDYNE ENGINEERING, P.C.

ATTN.: MIKE MCGREAL

18222 CORK ROAD

TINLEY PARK, IL 60477

STEP 4 – SEND ONE SET OF THE SUBMITTAL DOCUMENTS AND A COMPLETED PLAN REVIEW SERVICES TRANSMITTAL FORM TO:

PALOS FIRE PROTECTION DISTRICT

ATTN.: FIRE MARSHAL

8815 W. 123RD STREET

PALOS PARK, IL 60464

STEP 5 – AFTER THE SUBMITTAL DOCUMENTS ARE RECEIVED BY FIREDYNE ENGINEERING, P.C., AN INVOICE FOR THE PLAN REVIEW SERVICES WILL BE EMAILED TO THE APPLICANT.

STEP 6 – AFTER PAYMENT IS RECEIVED BY FIREDYNE, THE SUBMITTAL DOCUMENTS WILL BE PLACED IN THE PLAN REVIEW QUEUE. THE NORMAL TURNAROUND TIME IS 5 TO 7 BUSINESS DAYS. TURNAROUND TIME FOR THE EXPRESS SERVICE IS 3 BUSINESS DAYS.

STEP 7 – A COPY OF THE COMPLETED PLAN REVIEW REPORT WILL BE EMAILED TO THE APPLICANT. IF CORRECTIONS ARE REQUIRED, THE SUBMITTAL DOCUMENTS MUST BE REVISED AND RESUBMITTED (SEE STEPS 3 & 4 ABOVE).

STEP 8 – AFTER THE SUBMITTAL DOCUMENTS ARE DETERMINED TO COMPLY WITH THE APPLICABLE CODES & STANDARDS, A RECOMMENDATION FOR APPROVAL STATEMENT WILL BE SENT TO THE PALOS FIRE PROTECTION DISTRICT AND APPLICANT.

STEP 9 – THE APPLICANT MUST COMPLETE THE APPROPRIATE PERMIT APPLICATION FROM THE PALOS FIRE PROTECTION DISTRICT AND PAY THE APPLICABLE PERMIT FEE.

IF YOU HAVE ANY QUESTIONS, PLEASE EMAIL THEM TO: firedyne@comcast.net

FIREDYNE ENGINEERING, P.C.

PLAN REVIEW SERVICES TRANSMITTAL FORM

FROM: -----

Requested by (Applicant)

Signature

Firm

Phone # (incl. area code)

Street Address

email address

City, State & Zip Code

PROJECT NAME: -----

PROJECT ADDRESS: -----

Please check all that apply:

☐ – NFPA 1

☐ – NFPA 101

☐ – AUTOMATIC SPRINKLER SYSTEM

☐ – FIRE PUMP

☐ – STANDPIPE SYSTEM

☐ – UNDERGROUND WATER MAIN

☐ – WET CHEMICAL EXTINGUISHING SYSTEM

☐ – DRY CHEMICAL EXTINGUISHING SYSTEM

☐ – CLEAN AGENT EXTINGUISHING SYSTEM

☐ – CARBON DIOXIDE EXTINGUISHING SYSTEM

☐ – FIRE ALARM/DETECTION SYSTEM

IF YOU HAVE ANY QUESTIONS, PLEASE EMAIL firedyne@comcast.net

FIRE DYNE ENGINEERING, P.C.
Fire Protection Engineering ♦ Code Consulting

FIRE PROTECTION SYSTEMS
SHOP DRAWING PLAN REVIEW FEE SCHEDULE

Fire Suppression Systems

➤ Automatic Sprinkler Systems

1 to 100 sprinkler heads	\$450
101 to 200 sprinkler heads	\$550
201 to 300 sprinkler heads	\$650
301 to 400 sprinkler heads	\$800
401 to 500 sprinkler heads	\$950
Over 500 sprinkler heads	\$1.00 per head over 500 heads plus \$950

➤ Additional Water-Based Systems

Fire Pump	\$350
Standpipe	\$350
Underground Water Main	\$350

➤ Special Fire Suppression Systems

Wet Chemical	\$500
Dry Chemical	\$500
Clean Agent	\$750
Carbon Dioxide (per system up to 500 pounds)	\$750
(plus \$0.50 per pound over 500 pounds)	

Fire Alarm/Detection Systems

1 to 50 devices	\$500
51 to 75 devices	\$650
76 to 100 devices	\$800
Over 100 devices	\$4.00 per device over 100 devices plus \$800

Note: Normal turnaround times are 5 to 7 business days. Express Service (maximum 3 business day turnaround): multiply plan review fee by 2.

NFPA 1/NFPA 101 PLAN REVIEW FEE SCHEDULE

NFPA 1 (FIRE CODE)

- | | | |
|---|--|-------|
| ➤ | Basic | \$450 |
| ➤ | Comprehensive (additional fee may apply for more complicated projects) | \$900 |

NFPA 101 (LIFE SAFETY CODE)

- | | | |
|---|----------------------------|---|
| ➤ | Up to 10,000 cu. ft. | \$400 |
| ➤ | 10,001 to 25,000 cu. ft. | \$450 |
| ➤ | 25,001 to 50,000 cu. ft. | \$500 |
| ➤ | 50,001 to 75,000 cu. ft. | \$550 |
| ➤ | 75,001 to 100,000 cu. ft. | \$600 |
| ➤ | 100,001 to 125,000 cu. ft. | \$650 |
| ➤ | 125,001 to 150,000 cu. ft. | \$700 |
| ➤ | 150,001 to 200,000 cu. ft. | \$750 |
| ➤ | Over 200,000 cu. ft. | \$10 per 10,000 cu. ft. over 200,000 cu. ft. plus \$750 |

Note: Normal turnaround times are 5 to 7 business days. Express Service (maximum 3 business day turnaround): multiply plan review fee by 2.