

ORANGE COUNTY FIRE AUTHORITY



HIGH-PILED COMBUSTIBLE STORAGE PLANS

<INSERT LOCATION MAP THAT INCLUDES MAJOR CROSS STREETS PROVIDING SITE ACCESS>

VICINITY MAP

OCFA STAMP

PROJECT INFORMATION REQUIREMENTS

PROJECT LOCATION:
LEGAL DESCRIPTION FOR NEW TRACTS:
BUILDING DEPARTMENT HAVING JURISDICTION:

DETAILED SCOPE OF WORK
NOTE: OCFA WILL ONLY REVIEW WORK OUTLINED IN SCOPE OF WORK
PR CODE(S): PR330

FLOOR AREAS(S)

SPECIAL CONDITIONS
FIRE HAZARD SEVERITY ZONE STATE RESPONSE AREA LOCAL RESPONSE AREA
STATE LICENSED FACILITY
AM&M REQUESTED APPROVED SR:

NUMBER OF STORIES

BUILDING HEIGHT

TYPE OF CONSTRUCTION

- TYPE IA TYPE IB
- TYPE IIA TYPE IIB
- TYPE IIIA TYPE IIIB
- TYPE IV A B C DHT
- TYPE VA TYPE VB

COMMODITY CLASSIFICATION

- I II III IV HIGH HAZARD GROUP A PLASTIC
- CARTONED FREE FLOWING NON-EXPANDING ENCAPSULATED NON-ENCAPSULATED
- OTHER

THE AREA DESIGNATED IN THE BUILDING AND USED FOR HIGH PILED STORAGE IS _____ SQ FT.

CLASS _____ COMMODITY, _____ SQ FT
CLASS _____ COMMODITY, _____ SQ FT
CLASS _____ COMMODITY, _____ SQ FT

THE MAXIMUM PERMITTED STORAGE HEIGHT

SOLID PILE _____ RACK _____

STORAGE METHODS

- SOLID PILE STORAGE PALLETIZED SINGLE ROW RACK DOUBLE ROW RACK MULTI-ROW RACK
- OTHER

RACK STORAGE SHELF

- N/A LOAD BEAM ONLY WIRE MESH WOOD SLATS PLYWOOD OTHER

MINIMUM DISTANCE BETWEEN TOP OF STORAGE AND SPRINKLER: _____

SMOKE VENTS

- SMOKE VENTS REQUIRED

OPERATION OF SMOKE VENTS

- N/A MANUAL AUTOMATIC VIA FUSIBLE LINK WHICH RELEASES AT _____ °F.
- (NOTE: NEW INSTALLATIONS REQUIRE MANUAL & AUTOMATIC RELEASE)

INSPECTION REPORT SHALL INDICATE WHICH VENTS WERE TESTED

- DRAFT CURTAINS REQUIRED

FIRE SPRINKLERS

THE OVERHEAD FIRE SPRINKLER SYSTEM UTILIZES THE FOLLOWING HEADS:

ESFR: _____ K _____ AT _____ PSI WITH _____ HEADS
STANDARD COVERAGE HEADS: _____ K _____ PENDANT UPRIGHT _____ WITH A DENSITY OF _____ GPM
OVER _____ SQ FT SPACED AT A MAXIMUM OF _____ SQ FT PER FIRE SPRINKLER.

THE FIRE SPRINKLER SYSTEM DENSITY AND AREA OF APPLICATION FOR THE STORAGE AREA IS _____ GPM/SQ FT OVER _____ SQ FT

- IN-RACK SPRINKLERS REQUIRED

THERE IS/ARE _____ LEVEL(S) OF IN-RACK FIRE SPRINKLER PROTECTION

AISLES

THE AISLES BETWEEN THE RACKS SHALL BE MAINTAINED AT _____ FT

- FIRE DOORS REQUIRED
- FLUE SPACES REQUIRED
- FLUE SPACE BETWEEN RACKS SHALL BE MAINTAINED A MINIMUM OF:
TRANSVERSE _____ INCHES CLEAR, MUST BE VERTICALLY ALIGNED (FOR STORAGE > 25 FT)
LONGITUDINAL _____ INCHES CLEAR

- COLUMN PROTECTION REQUIRED

PALLET STOPS

PALLET STOPS REQUIRED

- LONGITUDINAL PALLET STOP CONFIGURATION:
 CHAIN LINK ROLL FORM "C" CHANNEL OTHER

TRANSVERSE FLUE PALLET STOP CONFIGURATION:

- MECHANICAL MEANS (FLUE KEEPERS, ETC.) LOAD BEAM MARKINGS "KEEP CLEAR"

MISC.

- HAND STACK - NUMBER OF TIERS:
- CHAIN LINK REQUIRED
- IDLE PALLET FLOOR STORAGE SHALL NOT EXCEED 5 FEET
IDLE PALLETS ARE NOT PERMITTED TO BE STORED IN THE RACKS.
- STORAGE CONFIGURATION AND HEIGHT DELINEATED BY INDICATION ON FLOOR OR WALLS AND OR CEILING

ADDITIONAL CONDITIONS:

HAZARDOUS MATERIALS

- YES - PROVIDE APPROVED HAZARDOUS MATERIAL PLAN SR:
- NO - PROVIDE A NOTE ON THE PLANS STATING, "NO HAZARDOUS MATERIAL STORAGE ALLOWED WITHOUT OCFA APPROVAL."

COMMODITY DESCRIPTION

(INCLUDE PACKAGING MATERIALS)

OCFA STANDARD HIGH-PILED STORAGE NOTES

- FIRE DEPARTMENT INSPECTION REQUIRED. SCHEDULE 2 DAYS IN ADVANCE BY CALLING (714) 573-6150.
- A CALIFORNIA FIRE CODE (CFC) PERMIT IS REQUIRED FOR HIGH-PILED STORAGE AND WILL BE ISSUED BY AN OCFA INSPECTOR.
- LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH CFC 906.2 AND CHAPTER 3, TITLE 19 CCR AND PLACEMENT IS SUBJECT TO THE APPROVAL OF THE FIRE INSPECTOR.
- STORAGE, DISPENSING OR USE OF ANY FLAMMABLE/COMBUSTIBLE MATERIALS AND OTHER HAZARDOUS MATERIALS SHALL COMPLY WITH CFC REGULATIONS.
- EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- MODIFICATION TO FIRE SPRINKLER AND ALARM SYSTEMS SHALL COMPLY WITH 2016 NFPA 13 AND 72. A SEPARATE PLAN SUBMITTAL IS REQUIRED.
- FIRE SPRINKLER SYSTEMS AND ALL CONTROL VALVES SHALL BE MONITORED BY A U. L. LISTED CENTRAL ALARM STATION OR BE SUPERVISED PER 2016 CFC CHAPTER 9. A SEPARATE PLAN SUBMITTAL IS REQUIRED FOR THE INSTALLATION OF THE MONITORING SYSTEM.
- FIRE APPARATUS ACCESS ROADS SHALL BE UNOBSTRUCTED. ACCESS GATES SHALL BE APPROVED PRIOR TO INSTALLATION AND SHALL BE IN COMPLIANCE WITH CFC 504 AND OCFA GUIDELINES.

APPLICABLE CODES

- 2025 CALIFORNIA FIRE CODE
- 2025 CALIFORNIA BUILDING CODE
- 2025 CALIFORNIA RESIDENTIAL CODE
- 2025 CALIFORNIA WILDLAND URBAN INTERFACE CODE
- 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE
- 2025 CALIFORNIA MECHANICAL CODE
- 2025 CALIFORNIA PLUMBING CODE
- 2025 CALIFORNIA ELECTRICAL CODE
- 2025 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS
- APPLICABLE NFPA STANDARDS <INSERT YEAR & NFPA STANDARD NUMBER(S)>
- LOCALLY ADOPTED ORDINANCES CITY: <INSERT CITY>
- OCFA GUIDELINES
- CONDITIONS OF APPROVAL CITY: <INSERT CITY PLANNING DEPARTMENT>

DEFERRED SUBMITTALS (CHECK ALL THAT APPLY)

THIS PROJECT HAS BEEN PERMITTED WITHOUT REVIEW AND/OR APPROVAL OF THE FOLLOWING DEFERRED SUBMITTALS. PLANS APPROVED BY OCFA SHALL BE OBTAINED FOR EACH DEFERRED ITEM LISTED BELOW PRIOR TO COMMENCING ANY WORK WITHIN THE SCOPE OF SUCH DEFERRAL. DEFERRALS MUST BE REVIEWED AND ACCEPTED BY THE ARCHITECT OR ENGINEER OF RECORD PRIOR TO SUBMITTING FOR REVIEW WITH OCFA. PORTIONS OF THE PROJECT THAT ARE DEFERRED SHALL BE SUBJECT TO THE CODES, STANDARDS, AND OTHER APPLICABLE REQUIREMENTS IN FORCE ON THE DATE THAT THE DEFERRED PLAN IS SUBMITTED TO OCFA.

- CHEMICAL USE AND/OR STORAGE
- FUEL TANK (FOR GENERATOR, IF OVER 60 GALLONS)
- BATTERY/ENERGY STORAGE SYSTEM
- UNDERGROUND SYSTEM SERVING SPRINKLERS, STANDPIPES, AND/OR PRIVATE HYDRANTS
- SPRINKLER SYSTEM
- STANDPIPE SYSTEM
- FIRE PUMP
- HOOD AND DUCT EXTINGUISHING SYSTEM
- ALARM SYSTEM

PREREQUISITE PLANS

- PLANNING APPLICATION SR: <INSERT SERVICE REQUEST NUMBER>
- FIRE MASTER PLAN SR: <INSERT SERVICE REQUEST NUMBER>
- FUEL MODIFICATION PLAN SR: <INSERT SERVICE REQUEST NUMBER>

REVISION

- ORIGINAL PLAN SR: <INSERT SERVICE REQUEST NUMBER >
- COPY OF ORIGINAL APPROVED PLAN REQUIRED TO BE SUBMITTED WITH ALL REVISED PLANS.

REVISION SCOPE OF WORK

<PROVIDE DETAILED SCOPE OF WORK FOR REVISION>

PROJECT DIRECTORY

ARCHITECT
BUSINESS NAME: _____
CONTACT NAME: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
PHONE: _____
EMAIL: _____

PROPERTY OWNER
BUSINESS NAME: _____
CONTACT NAME: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
PHONE: _____
EMAIL: _____

TENANT
BUSINESS NAME: _____
CONTACT NAME: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
PHONE: _____
EMAIL: _____

DESIGNED:	7	NO.	DATE
DRAWN:	6	NO.	DATE
CHECKED:	5	NO.	DATE
DATE:	4	NO.	DATE
SCALE:	3	NO.	DATE
OCFA REVIEW AND INSPECTIONS (OCFA USE ONLY)	2	NO.	DATE
NO OCFA REVIEW REQUIRED	1	NO.	DATE
PLAN REVIEW ONLY			
PLAN REVIEW AND INSPECTION			
PLANS PREPARED BY:	LICENSE NO. EXP. DATE		
ARCHITECT:	ARCHITECT:		
<PROJECT NAME> <PROJECT ADDRESS>			
ORANGE COUNTY FIRE AUTHORITY COMMUNITY RISK REDUCTION - PLANNING AND DEVELOPMENT SECTION			
SERVICE REQUEST NUMBER <INSERT SR #>			
SHEET 1			