

CITY OF SACRAMENTO

Permit No: 9805557

1231 I Street, Sacramento, CA 95814

Insp Area: 1

Site Address: 1400 NORTH C ST SAC

Sub-Type: COM

Parcel No: 0020020001

Housing (Y/N): N

CONTRACTOR
SENTINEL FIRE EQUIP
5702 BROADWAY
SACRAMENTO CA 95820

OWNER
MOHANNA M H
811 J ST
SACRAMENTO CA 95814

ARCHITECT

Nature of Work: ADD 2 SPRINKLER HEADS TO NEW FREEZER

CONSTRUCTION LENDING AGENCY: 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).

Lender's Name _____ Lender's Address _____

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.

License Class _____ License Number _____ Date _____ Contractor Signature _____

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 8 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 (\$500.00);

_____, I, as a 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 Professional Code: The Contractors 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/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/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 Professions 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 & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 6-19-98 Applicant/Agent Signature Alan W. Seal

WORKER'S 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 work for which the 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 John O Branson Co. Policy Number NWC41939800

(This section need not be completed if the permit is for \$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 I shall become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 6-19-98 Applicant Signature Alan W. Seal JUN 19 1998

WARNING: FAILURE TO SECURE WORKER'S 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'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

**CITY OF SACRAMENTO
APPLICATION FOR COMMERCIAL BUILDING PERMIT**

**DEVELOPMENT SERVICES DIVISION
PERMIT SERVICES SECTION**
1231 I Street, Rm. 200
Sacramento, CA 95814 (916) 264-7619 FAX 264-7046

PLAN CHECK # _____	Insp. Area _____
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Applicant MUST complete ALL Unshaded areas this page only

ADDRESS 1400 North C Street Suite _____

PARCEL # _____

<p align="center">CONTACT</p> <p>Name <u>Alan Leal</u></p> <p>Address <u>5702 Broadway</u> <u>Sacto Calif</u> Zip <u>95820</u></p> <p>Phone <u>(916) 455-5630</u> FAX <u>(916) 455-4104</u></p>		<p align="center">LICENSED CONTRACTOR Lic No. # <u>369137</u></p> <p>Name <u>Sentinel Fire Equipt. Co.</u></p> <p>Address <u>5702 Broadway</u> <u>Sacto, Calif</u> Zip <u>95820</u></p> <p>Phone <u>(916) 455-5630</u> FAX <u>(916) 455-4104</u></p>	
<p align="center">ARCHITECT/ENGINEER</p> <p>Name <u>N/A</u></p> <p>Address _____ Zip _____</p> <p>Phone _____ FAX _____</p>		<p align="center">OWNER/TENANT</p> <p>Name <u>Loaves & Fishes</u></p> <p>Address <u>1400 N. C. St.</u> <u>Sacto, Ca.</u> Zip <u>95814</u></p> <p>Phone _____ FAX _____</p>	

→ Will the permittee have any employees on the jobsite? Yes No

→ If yes, WORKER'S COMPENSATION POLICY # NWC41939800 EXPIRATION DATE: 11-30/98

NAME OF INSURANCE COMPANY: _____

NATURE OF WORK IN DETAIL: Add 2 sprinkler heads to new freezer (20x12) box

DBA: Loaves + Fishes VALUATION: 990⁰⁰

FLOOD STATUS:				S.C.A.T.						
JOB DESCRIPTION		BLDG	SHEL	APT	TI()	REM()	SW	FIRE	ADD	OTH
INSP. DISCIPLINES			BLDG	MECH	PLUMB	ELEC	SITE	FIRE		
# Stories	1st flr Area	Total Area	Use Zone	Occp Group	Const type	Fire Req <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Fed Code	Vio. File		
						Spr <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Alarm			
B	L	P	M	E	F 13 ETC	S	D	R		

COMMENTS: 6.19

REGIONAL SANITATION FEES? Yes No HEALTH DEPARTMENT? Yes No



Established 1929

SENTINEL FIRE
EQUIPMENT COMPANY, INC.
(Formerly Div. of Capital Fire Equip. Co.)

(916) 455-5630
FAX (916) 455-4104
5702 BROADWAY, SACRAMENTO, CALIFORNIA 95820

SPRINKLER SYSTEM MODIFICATION

for

LOAVES & FISHES
1400 North "C" Street
Sacramento, California 95814

ISSUED

JUN 19 1998

Sacramento Building Division

TABLE OF CONTENTS

SECTION 1: General System Information,
Equipment List, and Equipment
Specification Sheets

SECTION 2: Design Drawing

GENERAL SYSTEM INFORMATION

I. HAZARD DESCRIPTION

A. Type

1. Freezer.

B. Fuels Involved

1. Class A Building Construction Materials
2. Class B Materials
3. Class C Electrical

II. SCOPE OF WORK

Modification of existing sprinkler system to add two (2) additional heads in freezer area.

III. SERVICE COMPANY

Sentinel Fire Equipment Company
5702 Broadway
Sacramento, CA 95820
(916)455-5630 FAX(916)455-4104

EQUIPMENT LIST

<u>Quantity</u>	<u>Manufacturer</u>	<u>Description</u>
2	Central	Dry Pendant Heads, 165°
3	Central	Elbows, 1", 90°
1	Central	Mechanical Tee, 1"
2	Central	Tees, 1"
21'	Central	A-53 Pipe, 1"

Model A-1

Adjustable Dry Pendent Flush, Recessed, Extended & Concealed Automatic Sprinkler

Manufactured by: Central Sprinkler Company
451 North Cannon Avenue, Lansdale, Pennsylvania 19446

Product Description

The Model A-1 Adjustable Dry Pendent Sprinklers are designed for use in special applications such as freezing environments or in conditions where sediment or foreign materials might accumulate in ordinary drop pipes.

Unlike standard nonadjustable dry pendent sprinklers, the Model A-1 incorporates a special elbow that permits 2½" of field adjustment. This exclusive and unique feature allows flexibility which was never before available. It ensures a perfect ceiling fit for the sprinkler upon initial installation. Should the ceiling sag, a simple readjustment can once again obtain a perfect ceiling fit.

The Model A-1 Adjustable Dry Pendent Sprinklers offer considerable aesthetic appeal. They are available concealed or recessed.

The escutcheon assembly is comprised of an upper escutcheon support piece permanently attached to the sprinkler frame and a ceiling escutcheon plate that slips over the installed sprinkler. The Model A-1 is Listed by U.L., F.M. and U.L.C. for use as a standard sprinkler that qualifies for installation in accordance with current NFPA Standards.

Operation: A fusible alloy is sealed into a bronze center strut by a stainless steel ball. When the alloy melts at its rated temperature, the ball is forced upward into the center strut releasing the two ejectors and operating the sprinkler.

Technical Data

- Model: A-1
- Style: Flush, Recessed, Extended or Concealed
- Wrench: For adjustment of sprinkler only. See installation sequence steps 2 and 4 on page 3. Combination (Part #1106) for recessed or Universal (Part #1122) for concealed.
- Orifice Size: ½"
- K-Factor: See K-Factor Table on page 2
- Thread Size: Tube: 1" N.P.T.
- Approvals: U.L., U.L.C., F.M., MEA 375-75-SA (See approval charts for specific Listings)
- Maximum Working Pressure: 175 psi
- Factory Hydro Test: 100% at 500 psi
- Standard Finishes:
 - Sprinkler: brass, chrome, white, black
 - Escutcheon: brass, chrome plated and white painted with additional special finishes available upon request for concealed plate.

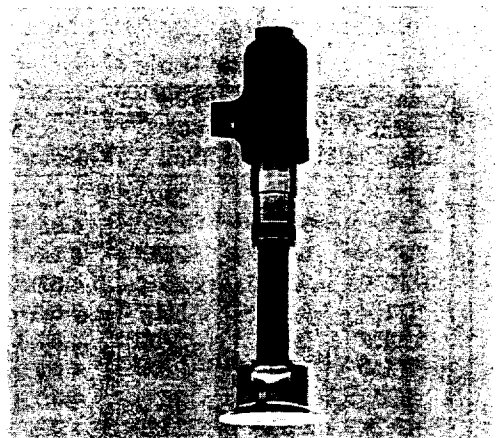
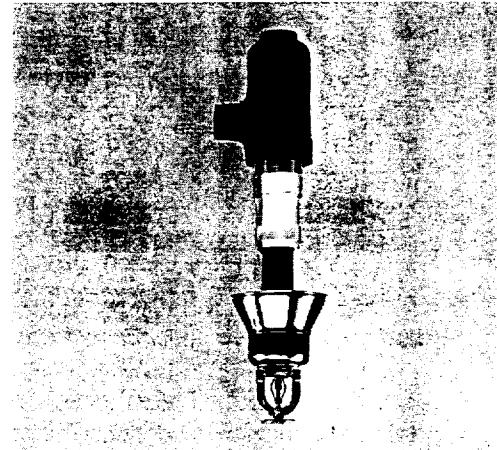
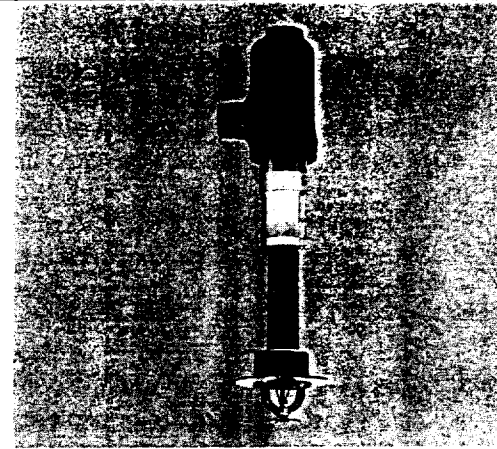
Approvals

UL & ULC — Brass, Chrome, *White, *Black		
Flush & Extended	Recessed	Concealed
135°F/57°C 2	135°F/57°C 2	162°F/72°C with 135°F/57°C plate
165°F/74°C 1, 2, 3	165°F/74°C 1, 2, 3	212°F/100°C with 165°F/74°C plate
212°F/100°C 1, 2, 3	212°F/100°C 1, 2, 3	
286°F/141°C 1	286°F/141°C	

U.L. Corrosion Resistant Coatings: 1 = Wax, 2 = Lead, 3 = Wax-Over-Lead
* White & Black **NOT** ULC Listed.

FM & MEA — Brass, Chrome	
Flush & Extended	*Recessed
135°F/57°C	135°F/57°C
165°F/74°C	165°F/74°C
212°F/100°C	212°F/100°C
286°F/141°C	

* Recessed FM Approved for Light Hazard Only.



½" Orifice Adjustable Dry Pendent Automatic Sprinkler

Technical Data

Design Requirements—Standard Applications

The Model A-1 Flush, Recessed, Extended and Concealed Adjustable Dry Pendent Sprinklers are intended for standard area coverages and standard flow and pressure requirements as specified in current NFPA Standards.

Installation

All Model A-1 Adjustable Dry Pendent Automatic Sprinklers must be installed according to current NFPA 13 Standards.

Deviations from these requirements and standards or any alteration to the sprinkler itself will void any warranty made by Central Sprinkler Company. In addition, installation must also meet local government provisions, codes and standards as applicable.

Dry pendent sprinklers are designed to prevent water from accumulating in drops to sprinklers. To accomplish this, they have a fitting that protrudes into the branch line that allows the plug to sit above the water line, if there is any residual water, and operate without the potential of freezing.

For standard applications the system piping may be hydraulically calculated or pipe-scheduled. Check for the proper model, style, orifice size, and temperature rating prior to installation. Install sprinklers after the piping is in place to avoid mechanical damage; replace any damaged units. Wet pipe systems must be protected from freezing.

Upon completion of the installation, the system must be tested per recognized standards.

In the event of a thread leak, remove the unit, apply new pipe joint compound or tape, and reinstall.

Installation Sequence

Step 1. The unit must be installed in a pendent position.

Step 2. The special cast iron fitting is

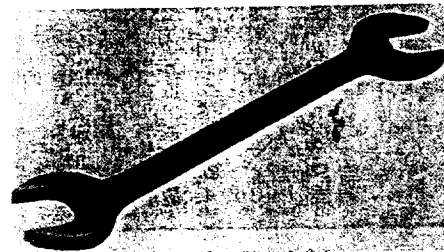
not attached to the sprinkler assembly in the factory as this fitting must be made into the sprinkler line fitting first. **Warning: Do not over-tighten special cast iron fitting into the branch line fitting or breakage will result.** The sprinkler assembly is attached to the special cast iron fitting by screwing the threaded connector tightly. This is done by using a pipe wrench on the threaded connector. Never wrench on the sprinkler head itself for tightening the threaded connector into the special cast iron fitting. The Model 1106 (recessed) or the Model 1122 (concealed) sprinkler wrench may be used on the sprinkler for adjustment purposes only (see Step #4).

Step 3. Use only a non-hardening pipe joint compound or Teflon* tape. Apply only to the male threads.

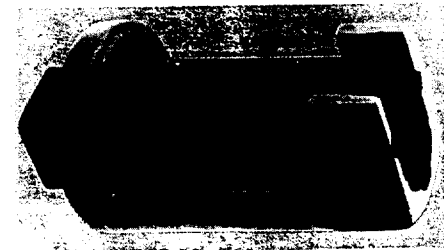
*Teflon is a trademark of the DuPont Corp.

Step 4. Adjustment in length is

Combination Wrench Part #1106



Universal Wrench Part #1122



obtained by applying the sprinkler head wrench and turning either clockwise or counterclockwise. Note that no locking is required when the sprinkler is in its desired position.

Step 5. To install the recessed escutcheon plate, align it with and push it over the sprinkler body and into the upper support piece until the outer edge of the escutcheon meets the mounting surface. The recessed escutcheon tool may be used to install the escutcheon plate easily from the floor.

To install the concealed ceiling cover plate, align the dimples of the support ring assembly with the slots of the upper support shell assembly. Push upward and twist to the right.

Do not over- or under-tighten the sprinkler to compensate for inaccurate escutcheon plate adjustment.

Caution: Special care must be taken when installing with a CPVC system. Sprinklers must be installed after the manufacturer's recommended setting time for the primer and cement to ensure that neither accumulate within the sprinkler.

Special care must be taken when installing with a copper system. Sprinklers must be installed only after the inside of the sprinkler drop and associated fittings have been wire brushed to remove any flux. Residual flux can cause corrosion and in extreme cases can impair proper sprinkler operation.

MEMORANDUM

Sacramento Fire Department

To: BUILDING DEPARTMENT

Date: 7-7-98

From: Gordon Duncan,
Fire Marshal

Subject: FIRE SYSTEM INSPECTION

A final inspection of the newly installed fire system at:

1400 N. CST

has been conducted by Inspector C. PACK

on 7-7-98.

Permit Number 98-05557-C

The system is acceptable by this Department.

OH SPRINKLER EXT
Type Inspection



By: Ross L. Woodman,
Fire Prevention Officer II

98-102
F. D. Reference Number