CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0012534

Insp Area: 1

Site Address: 1400 SPROULE AV SAC

Parcel No: 001-0141-003

Sub-Type: COM

Housing (Y/N): N

CONTRACTOR

FIRE TECH SYSTEMS
4516 ELIZABETH
SACRAMENTO CA 95821

OWNER

PENNEY L H TRESTE
SACRAMENTO CA
95825

ARCHITECT

Nature of Work: FIRE SUPPRESSION SYSTEM IN EXIST PAINT BOOTH

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'sAddress_____

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.

X License Class C-16 License Number 717609 Date 11/13/00 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 herby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

X Date 11/13/00 X Applicant/Agent Signature _____

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 NO EMPLOYEES Policy Number _____ Exp Date _____

X _____ (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 if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

X Date 11/13/00 X Applicant Signature _____

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.

APPLICATION FOR COMMERCIAL BUILDING PERMIT

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

ACTIVITY #	Insp. Area
0012534	1C

Applicant MUST complete ALL Unshaded areas

ADDRESS 1400 S Pavilion Av 95814 Suite _____

PARCEL # _____

CONTACT	LICENSED CONTRACTOR Lic No. # C16 717609
Name Rick Schaeffer Fire Tech →	Name Rick Schaeffer Fire Tech Systems
Street Address _____	Address Box 216364
City/State/Zip _____	City/State/Zip SAC, CA 95821
Phone _____ FAX _____	Phone 763-9525 FAX 456-5591
E-mail:	E-mail:
ARCHITECT/ENGINEER	**BUSINESS OWNER**
Name _____	Name Armando Uribe Vice Pres Owner
Address _____	Address _____
City/State/Zip _____	City/State/Zip _____
Phone _____ FAX _____	Phone 310 - 328 - 0390 FAX _____
E-mail:	E-mail:

→ Will permittee have any employees on the jobsite? ☒ No ☐ Yes → INSURANCE CO: _____

→ WORKER'S COMPENSATION POLICY # _____ EXPIRATION DATE: _____

NATURE OF WORK IN DETAIL: Install Fire Suppression System in an Existing Paint Booth

OCCUPANT/TENANT:

VALUATION: $ 3000

FLOOD STATUS: S.C.A.T.

JOB DESCRIPTION: BLDG SHELL APT TI( ) REM( ) SW (FIRE) ADD ~~(OTH)~~

INSPECTION DISCIPLINES	BLDG	MECH	PLUMB	ELEC	SITE	FIRE
# Stories / 1st flr Area. / Total Area / Use Zone / Occp Group / Const type		5		Fire Req. (Y) N; ($PR) ALARM	Fed Code	Vio. File [H] [Quad]

B	L	P	M	E	(F)	S	D	PW	UTIL
							MG		

COMMENTS: _____

REGIONAL SANITATION FEES? ☐ Yes ☐ No HEALTH DEPARTMENT? ☐ Yes ☐ No

WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS? ☐ Provided ☐ Faxed

MEMORANDUM

SACRAMENTO FIRE DEPARTMENT

TO: BUILDING DEPARTMENT **DATE:** 2-15-01

FROM: Troy Malaspino
Fire Marshal

SUBJECT: **FIRE SYSTEM INSPECTION**

A final inspection of the newly installed fire system at:

1400 Sproule Ave

Has been conducted by Inspector

S. Brodick

On

2-13-01

00-12534-154 308
Permit Number

Square Footage

PAINT BOOTH - FIRE SUPPRESSION
Type of Inspection

They system is acceptable by this department.

By: Ross L. Woodman,
Fire Prevention Officer II

00-423
F.D. Reference Number

PG#0012534

FIRE TECH
FIRE PROTECTION SYSTEMS

ISSUED
NOV 13 2000
Sacramento Building Division

PLANS FOR FIRE SUPPRESSION SYSTEM
ONE DAY PAINT AND BODY
1400 SPROULE AVE
SACRANMENTO CA,95814

System - Pyro Chem PCI Industrial fire suppression system one 35 lb.ABC tank for duct and plenum protection and one 70 lb.ABC tank for work area protection

This is an existing business, the paint booth has been in operation for more than eight years, therefore there is no other work being done on this job electrical or otherwise. Protection of booth ordered by Fire Inspector Steve Bodick.

This is a pre-engineered automatic dry chemical fire suppression system as defined by N.F.P.A. 17 for dry chemical systems for the protection of vehicle paint spray booth,plenum and exhaust duct.

This system is equiped with automatic detection (fusable links) and manual activation

All plans and installation done by Fire Tech Systems telephone number: 763-9525.

This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the same without permission from the Building Inspection Division.
The approval of this plan and specification SHALL NOT be held to permit or approve the violation of any City Ordinance or State Law.

APPROVED
11-3-00
Sacramento Fire Department
PENDING FIELD INSPECTION

CITY OF SACRAMENTO
PERMIT ASSISTANCE
OCT 18 2000
RECEIVED

STATE OF CALIFORNIA
R. SCHAEFFER
C16-717609
1/31/02
EXP. DATE
FIRE TECH SYSTEMS
CONTRACTORS LIC.

#0012534C

(916)456.5780 • fax: (916)456-5591 • (800)326-FIRE • vm/pgr:(916)763-9525
Post Office Box 216364, Sacramento, California 95821
Contractors Lic# C16-717609 • Insured and Bonded

HAZARD Coverage 1/4" = 1'

Work AREA 24'x14'x9'H = 3024 cu. ft.

1 NV-WA nozzle MAX coverage 1344 cu. ft

each nozzle covers 756 cu. ft.

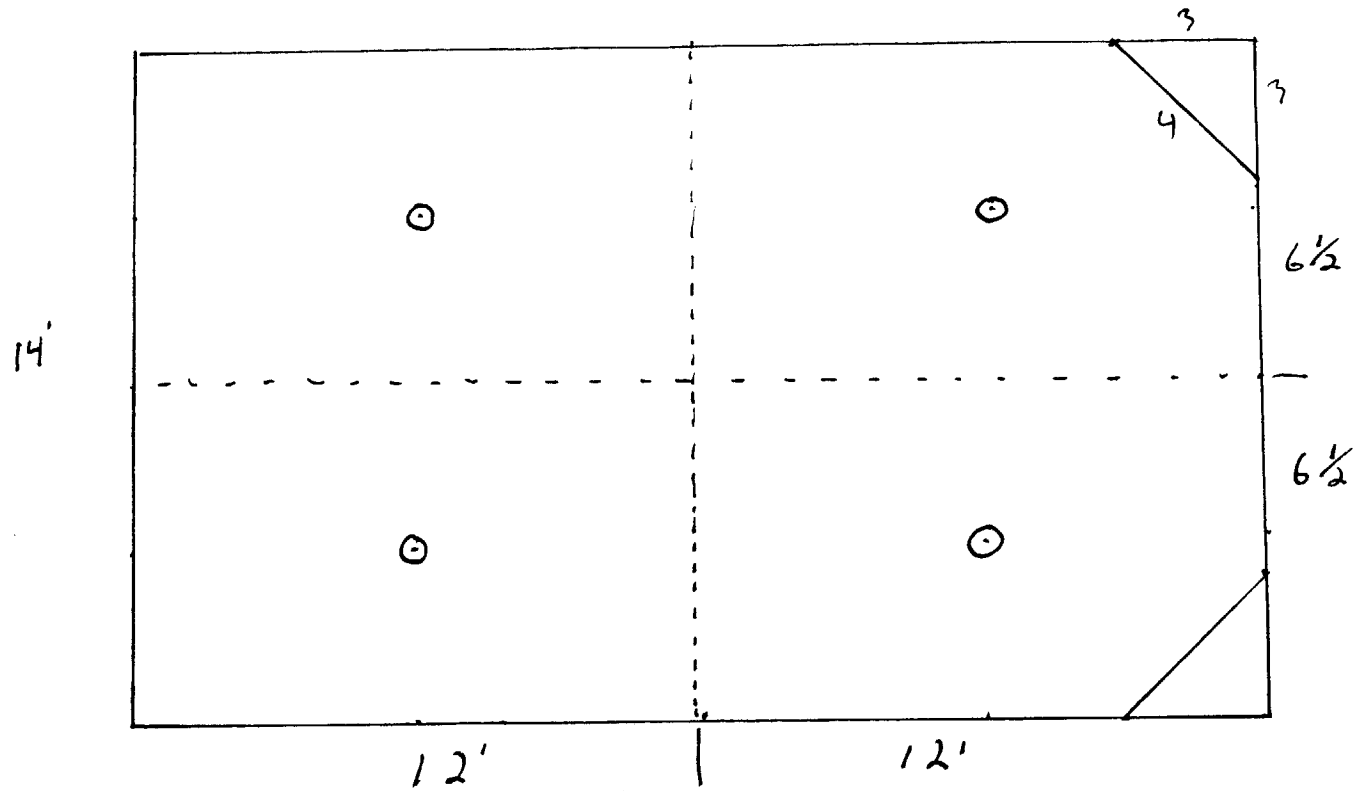
pci 70 Lb. ABC MAX 4 NV-WA nozzles

⊙ = 1 NV-WA nozzle

paint Booth work AREA 24'x14'x9'H

Divide into 4 sections 12'x6.5'x9'

paint Booth overhead view



DEPT OF PLANNING & DEVELOPMENT
APPROVED
UNDER
TITLE 9 & 15
CITY CODE
City of

This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the same without written permission from the Building Inspection Division.

The approval of this plan does not permit the violation of any city ordinance.

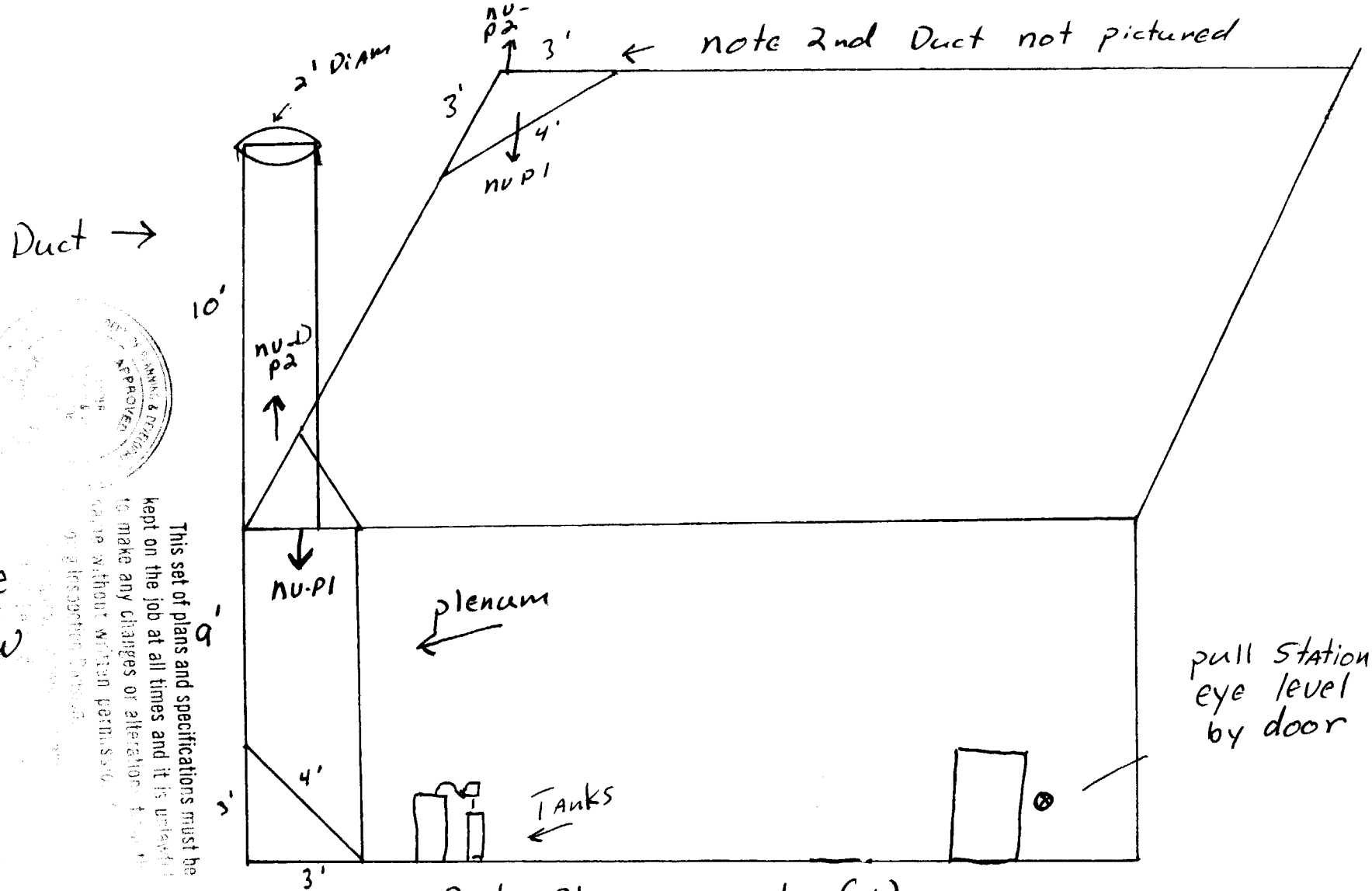
HAZARD COVERAGE 1/4" = 1'

(2) plenum AREA 3'x3'x4'x9'H = 40.5 cu.ft

1 NV-P1 plenum nozzle MAX COVERAGE 672 cu.ft.

(2) Duct Dimensions 2' Diameter by 10' High

1 NV-P2 nozzle MAX COVERAGE AREA 2'11" Diam by 24' High



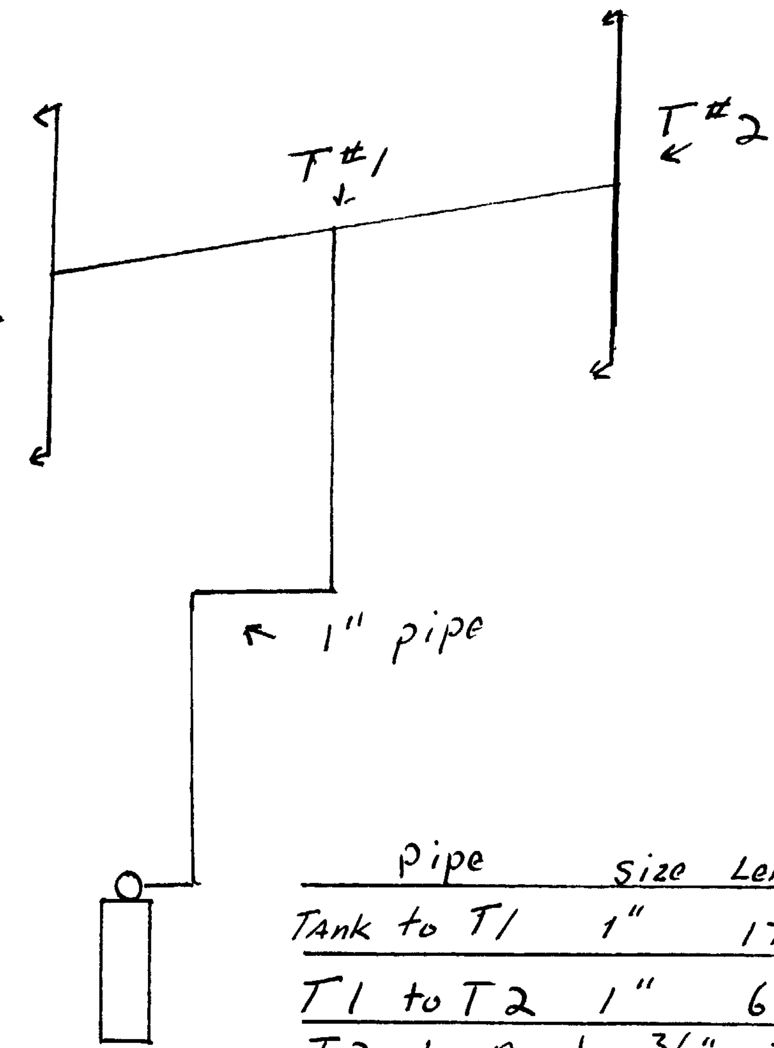
side view

This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations without written permission

Duct + plenum nozzles (4)
Supplied by PCi 35 ABC TANK

Pipe: Tank to Nozzles 1/4" = 1'

70 ABC to NU-WA nozzles



Pipe	Size	Length/MAX Allowed	Elbows/MAX Allowed
Tank to T1	1"	17'/20'	3/3
T1 to T2	1"	6'/9'	0/2
T2 to Nozzle	3/4"	3.5'/7'	1/2

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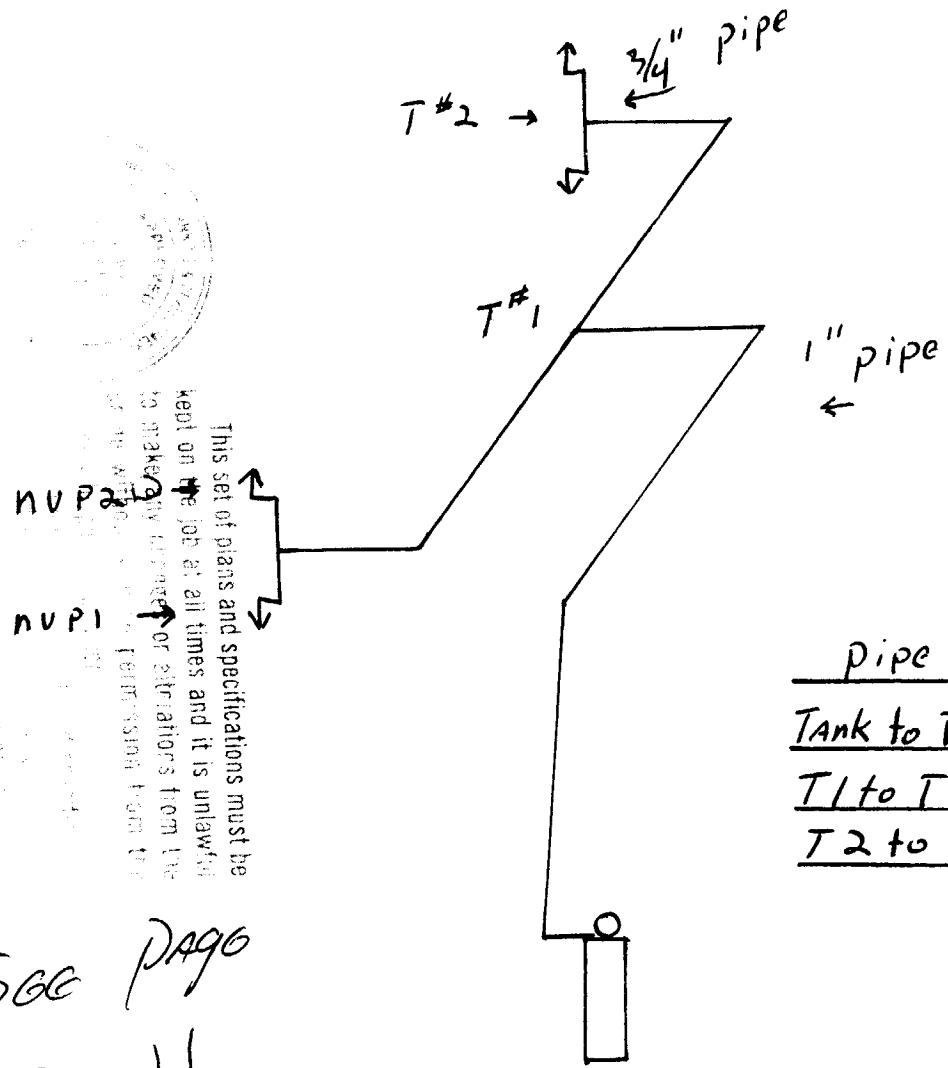
SEE PAGE 3-13

Pipe Tank to Nozzle 1/4" = 1'

35 ABC to Duct + Plenum Nozzles



This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the

Pipe	Size	Length / MAX Allowed	Elbows / MAX Allowed
Tank to T1	1"	19' / 30'	3 / 4
T1 to T2	1"	8' / 8'	1 / 1
T2 to Nozzle	3/4"	2' / 8'	2 / 2

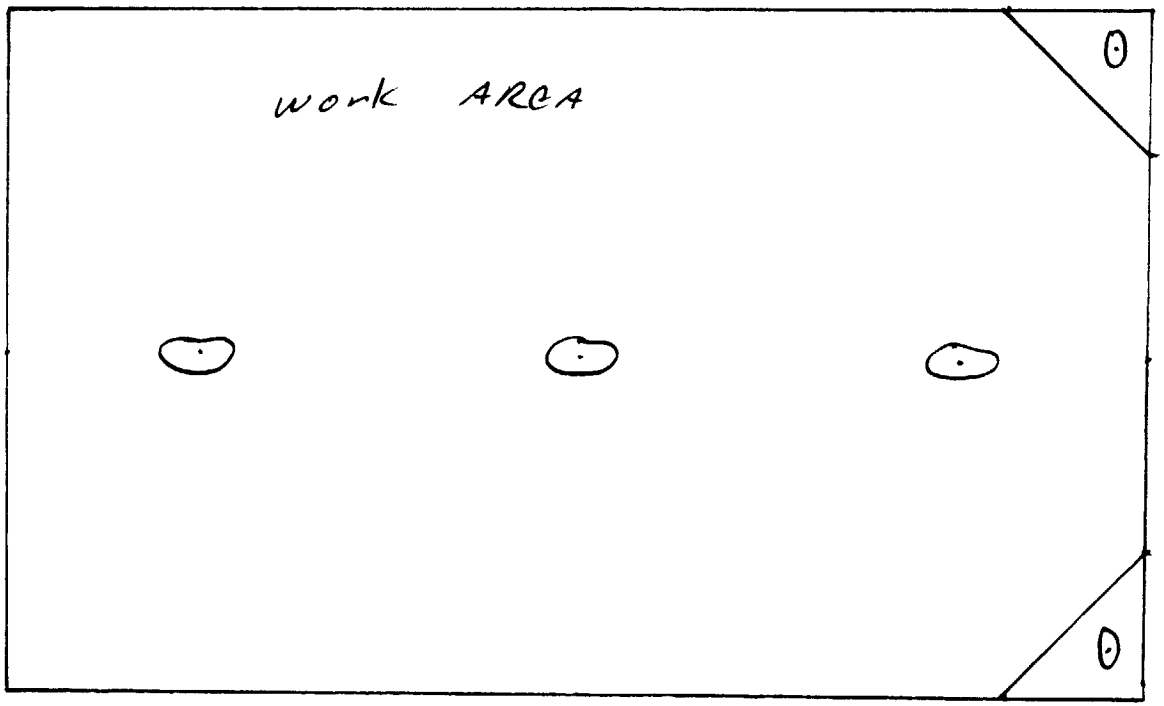
SEE PAGE 3-11

Dector Location 1/4" = 1'

⊙ = 1 200° Fusable Link

Work AREA 1 Link per each 25 lbs chemical
1 Link At top of each plenum + Base of Ducts

Duct + plenum ↓



Paint Booth overhead view

This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations on the same, without written permission

CHAPTER I
General Information

INTRODUCTION
Pyro Chem automatic dry chemical systems are of the pre-engineered type as defined by the NFPA Standard for Dry Chemical Extinguishing Systems, NFPA-17. All systems must be installed in accordance with the limitations in this manual. Limitations detailed in this manual have been established through extensive testing by Underwriters Laboratories, Inc. Installation and maintenance of the system must conform to the limitations detailed in this manual and be performed by an Authorized Pyro Chem, Inc. dealer.

The Pyro Chem, Inc. System utilizes either a sodium bicarbonate based dry chemical agent (specifically designed to suppress liquid, gas or eletrical fires), or a monoammonium phosphate based dry chemical agent (specifically designed to suppress carbonaceous solid, liquid, gas or eletrical fires). The system provides mechanical or electrical automatic actuation and can be manually actuated through a remote mechanical pull station. Upon actuation, the system discharges a pre-determined amount of agent to the hazard area.

The shutdown of fuel and power to the hazard area is required upon system actuation. Exhaust fan(s) in the ventilation system must be shut off on during system discharge to allow the proper concentration of agent to build up in the hazard area.

TEMPERATURE LIMITATIONS
The operating temperature range of the Pyro Chem, Inc. System are -

Sodium Bicarbonate (BC) Total Flooding Systems: -40° F. (-40° C.) minimum to 120° F. (49° C.) maximum.

Monoammonium Phosphate (ABC) Total Flooding Systems: -20° F. (-28° C.) minimum to 120° F. (49° C.) maximum.

Local Application - Overhead Systems: 32° F. (0° C.) minimum to 120° F. (49° C.) maximum.

Local Application - Tankside Systems: -20° F. (-28° C.) minimum to 120° F. (49° C.) maximum.

UL LISTING
The Pyro Chem, Inc. Industrial Fire Suppression System has been tested to the UL Standard for Pre-Engineered Dry Chemical Extinguishing System Units, UL1254 and Listed by Underwriters Laboratories, Inc.

This set of plans and specifications must be kept on the job at all times and it is unlawful [illegible] changes or alterations [illegible] permission [illegible]

Note:
Components with like Model Numbers bearing the Wells Fargo Pyro Technologies, Inc. name can be used as direct replacements for components bearing the Pyro Chem, Inc. name.

CHAPTER III
SYSTEM DESIGN

General

Pyro-Chem Industrial Vehicle Paint Spray Booth Fire Suppression System has been designed and tested for use in commercial vehicle paint spray booth applications. The guidelines listed in this chapter deal with the limitations and parameters of various system configurations. It is the responsibility of the Certified installer to ensure that the proper system design is being utilized, and that the system meets the limitations and parameters listed in this chapter. Before attempting to design any system, it is necessary to attend a Factory Certification Training Class and become Certified to install Pyro-Chem Industrial Vehicle Paint Spray Booth Fire Suppression Systems. Because it is impossible to completely understand every aspect of a pre-engineered system simply by reading the Technical Manual, Pyro-Chem will not be responsible for system design, installation, or maintenance performed by any non-Certified person(s).

Choosing the Proper Agent

It is necessary for the system designer to consider the combustible material found in the hazard area to ensure proper protection. The agent used in the system must be approved for the hazard class of the combustible material. The following are the hazard classes:

"A" Class - Ordinary solid carbonaceous combustibles. These include wood, paper, cloth, fiberglass, and plastics

"B" Class - Flammable liquids and gases. These include paints, solvents, gasoline, oils, and hydraulic fluids.

"C" Class - Electrical appliances. These include computers, power generators, and power transformers.

"D" Class - Combustible metals such as sodium, potassium, magnesium, titanium, and zirconium. The Pyro-Chem Industrial Vehicle Paint Spray Booth Fire Suppression System is not intended to protect Class D hazards.

The following guidelines should be used for determining the proper agent:

ABC (monoammonium phosphate-based) - for use with all "A", "B", and "C" Class hazards.

As per NFPA 17, pre-engineered dry chemical systems are not approved for deep-seated or burrowing fires (such as ordinary combustibles where the agent cannot reach the point of combustion), or on chemicals that contain their own oxygen supply (such as cellulose nitrate). Do not mix different types of agents, or agents from different manufacturers. Chemical reactions may occur when incompatible chemicals are mixed. **Keep in mind that the agent must be acceptable to the Authority Having Jurisdiction.**

Designing the Proper Type of System

It is necessary for the system designer to consider the physical characteristics and layout of the hazard area to ensure proper protection. The hazard area must meet the criteria for a particular system for that system to be effective. Each nozzle is tested and designed to protect a certain part of the total hazard area.

In order to comply with the approval requirements of UL 1254 Standard, when protecting a Vehicle Paint Spray Booth, **no unclosable openings are allowed.**

The system must also contain a discharge time delay.

The ventilation system must be shut down before or simultaneously with the discharge of the system.

Total Flooding

a. Cylinders:

The Models PCI-15ABC, PCI-17ABC, PCI-25sABC, PCI-35ABC, and PCI-70ABC cylinders can be used for total flooding vehicle paint spray booth applications.

b. Nozzles:

Five nozzles are available for use in protecting vehicle paint spray booths:

Nozzle	Application
NV-WA	Work Area (Overhead Position)
NV-P1	Backdraft/Pit (Overhead Position)
NV-UF	Under Floor (Overhead Position)
NV-DP2	Pit/Duct (End Position - Horizontal)
N-DCT	Duct Only*

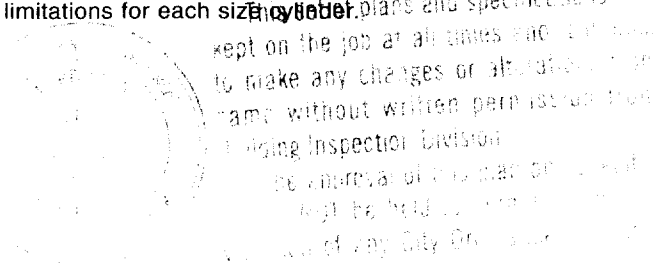
* Can be used with PCI-15ABC and PCI-25sABC cylinders only

c. Temperature Range:

The operating temperature range for vehicle paint booth applications is 32 °F. to 120 °F. (0 °C. to 48 °C.).

d. Piping Requirements:

Piping diagrams include limitations on pipe length and fittings. See the following pages for specific piping design and limitations for each size cylinder.



f. Nozzle Coverages:

Protection	Nozzle	Protection Zone/Nozzle L W Ht	Specifications Maximum	Nozzle Location within Protection Zone	Nozzle Offset**	Nozzle Orientation
Work Area	NV-WA	See Table 3-1	Volume 1344 cu ft Area 112 sq. ft Diagonal 16.12 ft	Shortest side-2' max. off center (each side) Longest side-3' max. off center (each side)	0" - 6"	Vertical
Backdraft Plenum	NV-P1	4' 14' 12'	Volume 672 cu ft Area 56 sq ft Side 14 ft	Shortest side-center Longest side-3 inch off center (each side)	0" - 6"	Vertical
Pant Leg Plenum*	NV-P1	4' 14' 12'	Volume 672 cu ft Area 56 sq ft Side 14 ft	Shortest side-center Longest side-3 inch off center (each side)	0" - 6"	Vertical
Pit (Option 1)	NV-P1	24' 4' 4'	Volume 384 cu ft Area 96 sq ft Side 24 ft	Shortest side-center Longest side-center	0" - 6"	Vertical
Pit (Option 2)	NV-DP2	24' 4' 4'	Volume 384 cu ft Area 96 sq ft Side 24 ft	Shortest side-center Height-center	2" - 8"	Horizontal
Under Floor Plenum	NV-UF	16' 14' 4'	Volume 896 cu ft Area 224 sq ft Side 16 ft	Shortest side-center Longest side-center	0" - 6"	Vertical
Exhaust Duct	NV-DP2	3' 3' 24'	Volume 216 cu ft Area 9 sq ft Side 3 ft (Round Duct 2'-11" diameter)	Shortest side (cross-section) -center Longest side (cross-section)	0" - 6"	Horizontal for horizontal ducts Vertical for vertical ducts

* Pant leg dimensions 4" minimum x 24" maximum

** Nozzle offset is the maximum distance from the tip of the nozzle to the closest edge of the protection zone.

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of State Law.

TABLE 3-1

Work Area – Paint Spray Booth Nozzle Protection Chart

Maximum Dimensions in feet/nozzle for one (1) Model NV-WA

Side 1 (feet)	Nozzle Height (feet)	Maximum Side 2 (feet)
3	12	15.84
	11	15.84
	10	15.84
	9	15.84
	8	15.84
4	12	15.62
	11	15.62
	10	15.62
	9	15.62
	8	15.62
5	12	15.33
	11	15.33
	10	15.33
	9	15.33
	8	15.33
6	12	14.97
	11	14.97
	10	14.97
	9	14.97
	8	14.97
7	12	14.53
	11	14.53
	10	14.53
	9	14.53
	8	14.53
8	12	14.00
	11	14.00
	10	14.00
	9	14.00
	8	14.00
9	12	12.44
	11	12.44
	10	12.44
	9	12.44
	8	12.44
10	12	11.20
	11	11.20
	10	11.20
	9	11.20
	8	11.20
11	12	10.18
	11	10.18
	10	10.18
	9	10.18
	8	10.18
12	12	9.33
	11	9.33
	10	9.33
	9	9.33
	8	9.33
13	12	8.62
	11	8.62
	10	8.62
	9	8.62
	8	8.62
14	12	8.00
	11	8.00
	10	8.00
	9	8.00
	8	8.00
15	12	5.92
	11	5.92
	10	5.92
	9	5.92
	8	5.92
16	12	2.00
	11	2.00
	10	2.00
	9	2.00
	8	2.00

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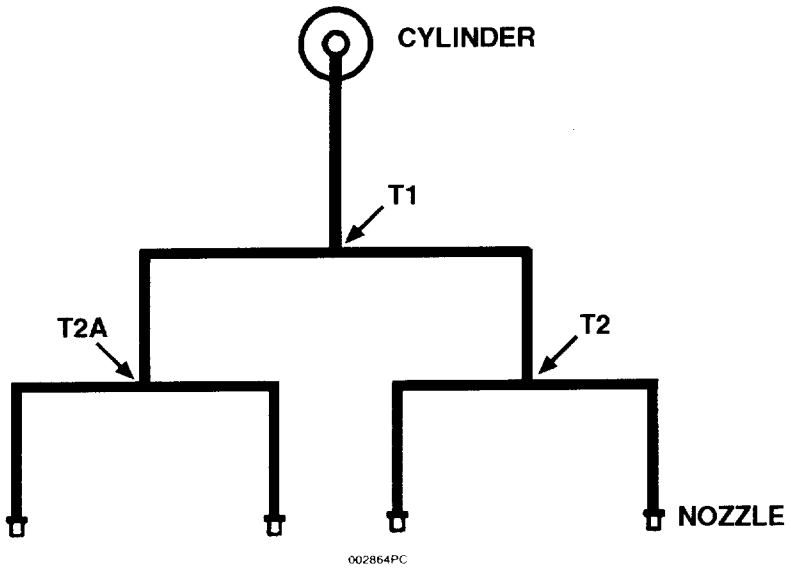
...Approval of this plan and specification ...shall not be held to permit or approve the ...violation of any City Ordinance or State Law.

PCI-70ABC with 4 nozzles



Cylinder Size	Nozzle Quantity	Nozzle Type	Piping Section	Size	Length Maximum	Elbows Maximum
PCI-70ABC	4	NV-WA	Cylinder to T1	1"	20'	3
			T1 to T2	1"	9'	2
			T2 to Nozzle	3/4"	7'	2

Cylinder Size	Nozzle Quantity	Nozzle Type	Piping Section	Size	Length Maximum	Elbows Maximum
PCI-70ABC	4	3 - NV-WA and 1 of: NV-P1 (See Note 6) NV-UF NV-DP2	Cylinder to T1	1"	20'	3
			T1 to T2	1"	9'	2
			T2 to Nozzle	3/4"	7'	2

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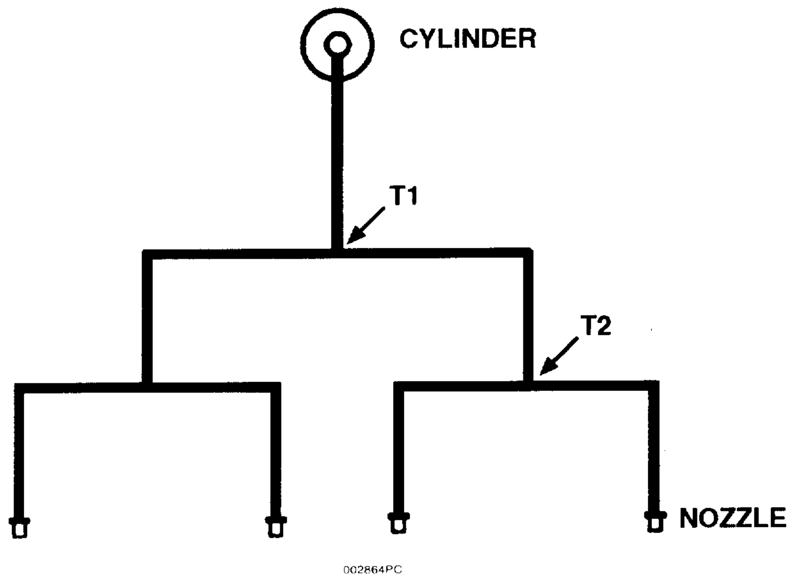
[illegible] at all times and it is [illegible]
[illegible] changes or alterations [illegible]
[illegible] permitted [illegible]

PCI-35ABC with 4 nozzles



Cylinder Size	Nozzle Quantity	Nozzle Type	Piping Section	Size	Length Maximum	Elbows Maximum
PCI-35ABC	4	Any Combination	Cylinder to T1	1"	30'	4
		of NV-P1, NV-D/P2,	T1 to T2	1"	8'	1
		or NV-UF	T2 to Nozzle	3/4"	8'	2

NOTE:

1. These limitations apply to PCI-35ABC using four nozzles (any combination of NV-P1, NV-UF, or NV-D/P2).
2. System piping must be balanced. Balanced piping is that in which the difference between the shortest actual pipe length from last tee to nozzle and the longest actual pipe length from last tee to nozzle does not exceed 10% of the longest actual pipe length from last tee to nozzle. The number and type of fittings for all last tee to nozzle sections must be equal.
3. A Main/Reserve Tee Check, Model TC-1, may be located between the cylinder and T1, and counts as two elbows in that section.
4. All systems protecting vehicle paint spray booths require a factory pre-set time delay.
5. When using an NV-P1 nozzle, the two largest discharge orifices in the nozzle body must be positioned parallel to the longest dimension of the hazard being protected.

Detector Placement

Thermal detectors are required in all hazard areas protected by the Pyro-Chem Vehicle Paint Spray Booth Industrial Fire Suppression System if automatic system operation is required. Either mechanical or electrical thermal detectors can be used for automatic system operation. Mechanical detectors (fusible links) are used in conjunction with the Pyro-Chem Models MCH, NMCH, and EN-MCU control devices. Electrical detectors are used in conjunction with the Pyro-Chem Models ECH-24 and ECH-120 Control Heads.

A temperature survey must be performed to determine the maximum ambient temperature of the hazard survey. The detectors used to protect a hazard area must be at least 70°F above the maximum ambient temperature.

The minimum number of thermal detectors (either mechanical or electrical) required for each hazard area is one detector for each twenty-five (25) pounds of agent required in that hazard area. To determine the number of detectors required in a particular hazard area, divide the total amount of agent required for that hazard area by 25 and round up. Keep in mind that at least one detector is required in every protected hazard area.

Additional detectors may be used to achieve faster system response; however, do not exceed the detector limitations outlined in this manual.

For detector location, evenly divide the protected hazard area into protected zones, with the number of protected zones equal to the number of detectors. Located a detector at the top center of each protected zone

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...approval of this plan and specifi... ...not be held to permit or ap... ...of any City Ordinance or State ...

e. Nozzle Placement:

The nozzle is to be mounted in the center (See Note) of the protected area, with the discharge holes in the nozzle no greater than four (4) inches from the ceiling. For duct protection, the nozzle is to be mounted in the center. **See Figure 3-1.**

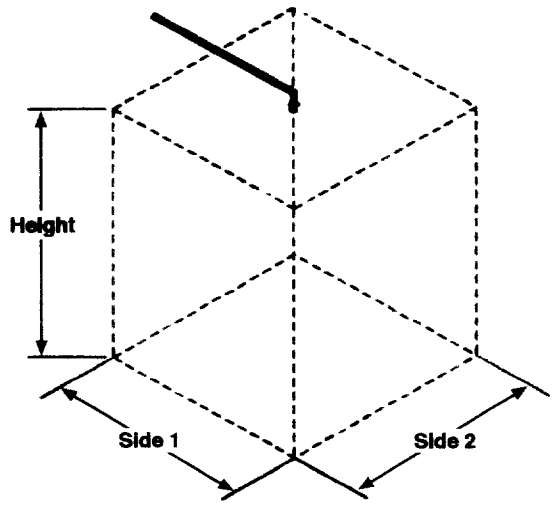

Figure 3-1. Nozzle Location
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Note: See Design Chart for allowable offset of nozzles from center of each hazard area.

This set of plans and specifications must be
kept on the job at all times and it is unlawful
to make any changes or alterations from the
same without written permission from the
Inspection Division.
Approval of this plan and specification
shall not be construed or accepted as
any City Ordinance or State Law