 ENTERED
Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221
SEP 30 2008



Mr. James Bearzi, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Subject: Notification of a Class 1 Permit Modification to the Hazardous Waste Facility
Permit Number: NM4890139088-TSDF

Dear Mr. Bearzi:

Enclosed is a Class 1 Permit Modification Notification to:

- Revise Figures F-6, F-10, F-10a, F-11 and F-11a to reflect the installation of a new post indicator valve in the fire water distribution system.

We certify under penalty of law that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

David C. Moody, Manager
Carlsbad Field Office

M.F. Sharif, General Manager
Washington TRU Solutions LLC

Enclosure

cc: w/enclosure
S. Zappe, NMED
C. Walker, Trinity Engineering

cc: w/o enclosure
J. Kieling, NMED



Class 1 Permit Modification Notification
Revise Fire Water Distribution System Figures

**Waste Isolation Pilot Plant
Carlsbad, New Mexico**

WIPP HWFP #NM4890139088-TSDF

September 2008

Table of Contents

Transmittal Letter	
Table of Contents	i
Acronyms and Abbreviations	ii
Overview of the Permit Modification Notification	1
Attachment A	A-1
Table 1. Class 1 Hazardous Waste Facility Permit Modification Notification	A-2
Item 1	A-3
Description	A-3
Basis	A-3
Discussion	A-3
Revised Permit Text	A-3

Acronyms and Abbreviations

CBFO	Carlsbad Field Office
CFR	Code of Federal Regulations
DOE	Department of Energy
HWFP	Hazardous Waste Facility Permit
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
PMN	Permit Modification Notification
RCRA	Resource Conservation and Recovery Act
TSDf	Treatment, Storage and Disposal Facility
WIPP	Waste Isolation Pilot Plant
WTS	Washington TRU Solutions LLC

Overview of the Permit Modification Notification

This document contains one Class 1 Permit Modification Notification (**PMN**) to the Hazardous Waste Facility Permit (**HWFP**) at the Waste Isolation Pilot Plant (**WIPP**), Permit Number NM4890139088-TSDF hereinafter referred to as the WIPP HWFP.

This PMN is being submitted by the U.S. Department of Energy (**DOE**) and Washington TRU Solutions LLC (**WTS**), collectively referred to as the Permittees, in accordance with the WIPP HWFP, Condition I.B.1 (20.4.1.900 New Mexico Administrative Code (**NMAC**) incorporating Title 40 of the Code of Federal Regulations (40 **CFR**) §270.42(a)). The PMN in this document is necessary to notify the New Mexico Environment Department (**NMED**) of some revised fire water distribution line figures. This change does not reduce the ability of the Permittees to provide continued protection to human health and the environment.

The requested modification to the WIPP HWFP and any related supporting documents are provided in this PMN. The proposed modification to the text of the WIPP HWFP has been identified using red text and double underline, and a ~~strikeout~~ font for deleted information. All direct quotations are indicated by italicized text.

Attachment A

Description of the Class 1 Permit Modification Notification

Table 1. Class 1 Hazardous Waste Facility Permit Modification Notification

Affected Permit Section	Change Description	Category	Attachment A Page #
a. Attachment F, Figures F-6, F-10, F-10a, F-11 and F-11a	Add new valve to the fire water distribution system	A.1	A-3

Description:

Revise five figures in the HWFP to include a new post indicator valve (PIV) that has been added to the fire water distribution system.

Basis:

The change is classified as "Administrative and informational change" and is therefore a Class 1 notification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.42, Appendix I, A.1).

Discussion:

On June 30, 2008 the Permittees submitted a Notification of Planned Change to the Permitted Facility. In this Notification it was determined that a Class 1 Permit Notification would be required to revise Figure F-6 when the construction activities and certification were completed. Construction of the new fire water distribution system and the certification by a registered Professional Engineer is now complete. After installation of the PIV, the Permittees determined that the pre-fire survey figures in the HWFP would also need updating since the new PIV is now part of the pre-fire survey. These figures are Figures 10, 10a, 11 and 11a. This modification updates all five figures to reflect the addition of the new PIV per the Notification of Planned Change.

Included with Figure F-6 are two figures. One is an expanded view of the affected area of the figure with a "cloud" around the new PIV for ease in determining where the change has been made. The other is a "clean" figure for insertion in the revised Permit. A "clouded" figure is not necessary for the remainder of the figures.

Revised Permit Text:

- a.1. Attachment F, Figure F-6, F-10, F-10a, F-11 and F-11a

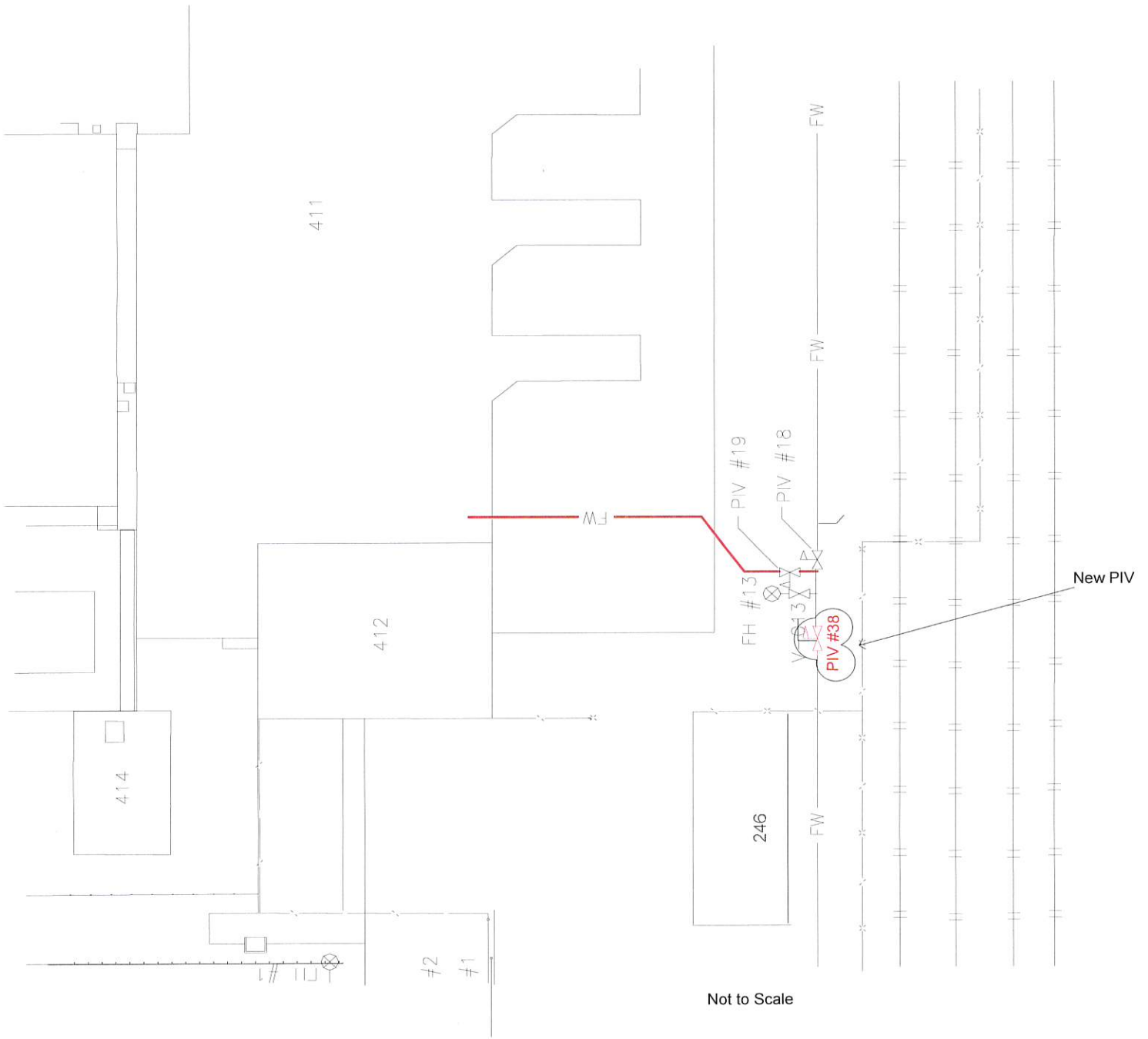


Figure F-6
 Clouded and Expanded
 Fire-Water Distribution System

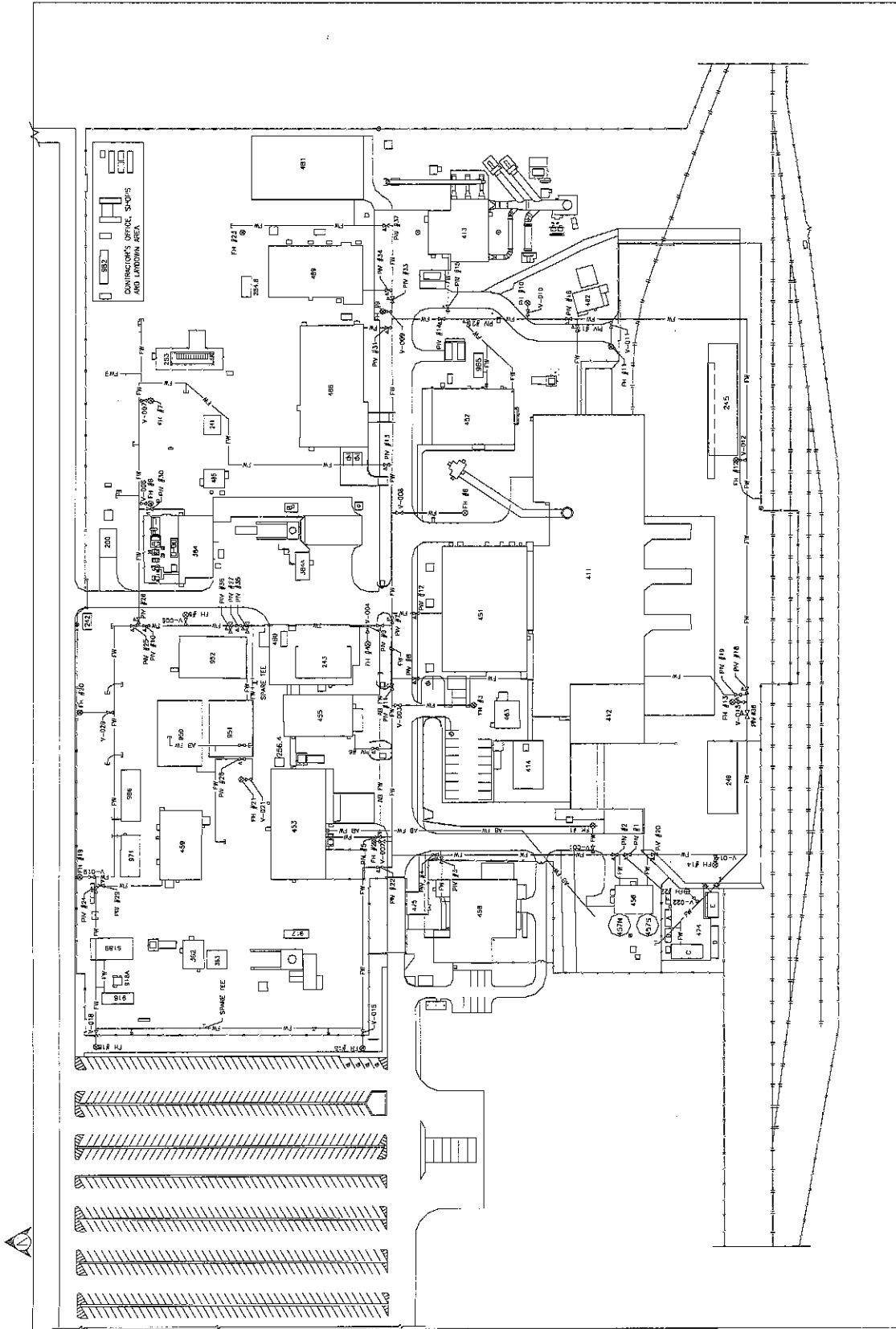


Figure F-6
Fire-Water Distribution System

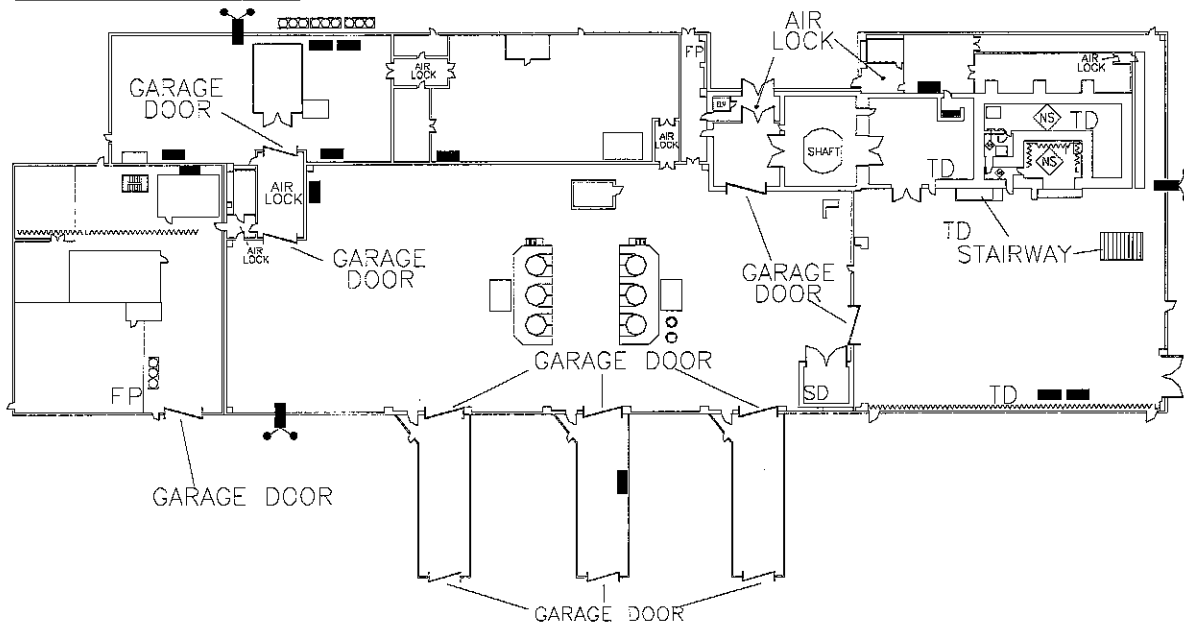
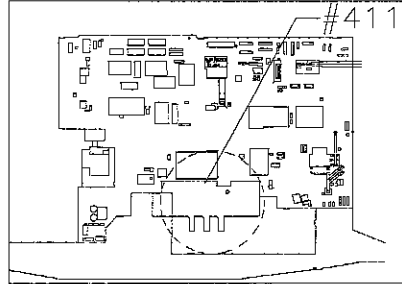
Pre-Fire Survey

1. Bldg. Name: WASTE HANDLING BUILDING
2. Address: 411 SITE
3. Occ. Type: MAINTENANCE AND OPERATIONS PERSONNEL
4. Map #: 411-1
5. Roof Const.: METAL
6. Floor Const.: CONCRETE
7. Date: 07/27/95
8. Revision Date: 02/10/97
9. Surrounding Bldgs.: 412, 451, 452, 463
10. Fire Hydrants: FH-#8 N, FH-#11 E, FH-#12 S, FH-#13 S.



LEGEND	
	ELECTRICAL PANEL
	FLAMMABLE CABINET
	THERMAL DETECTOR
	NON-SPRINKLERED AREA
	LADDER WITH OVERHEAD WALKWAY
	FIRE CONTROL PANEL
	SMOKE DETECTOR
	SPRINKLER RISER WITH F.D. CONNECTION
	COMP. GAS CYL.
	FENCE

411
WASTE HANDLING BUILDING
1ST FLOOR



11. Comments: WATER SHUT-OFF AT PIV #8, PIV #17, PIV #19, PIV #38
- _____
- _____
- _____

Figure F-10
Waste Handling Building Pre-Fire Survey (First Floor)

Pre-Fire Survey Cont.

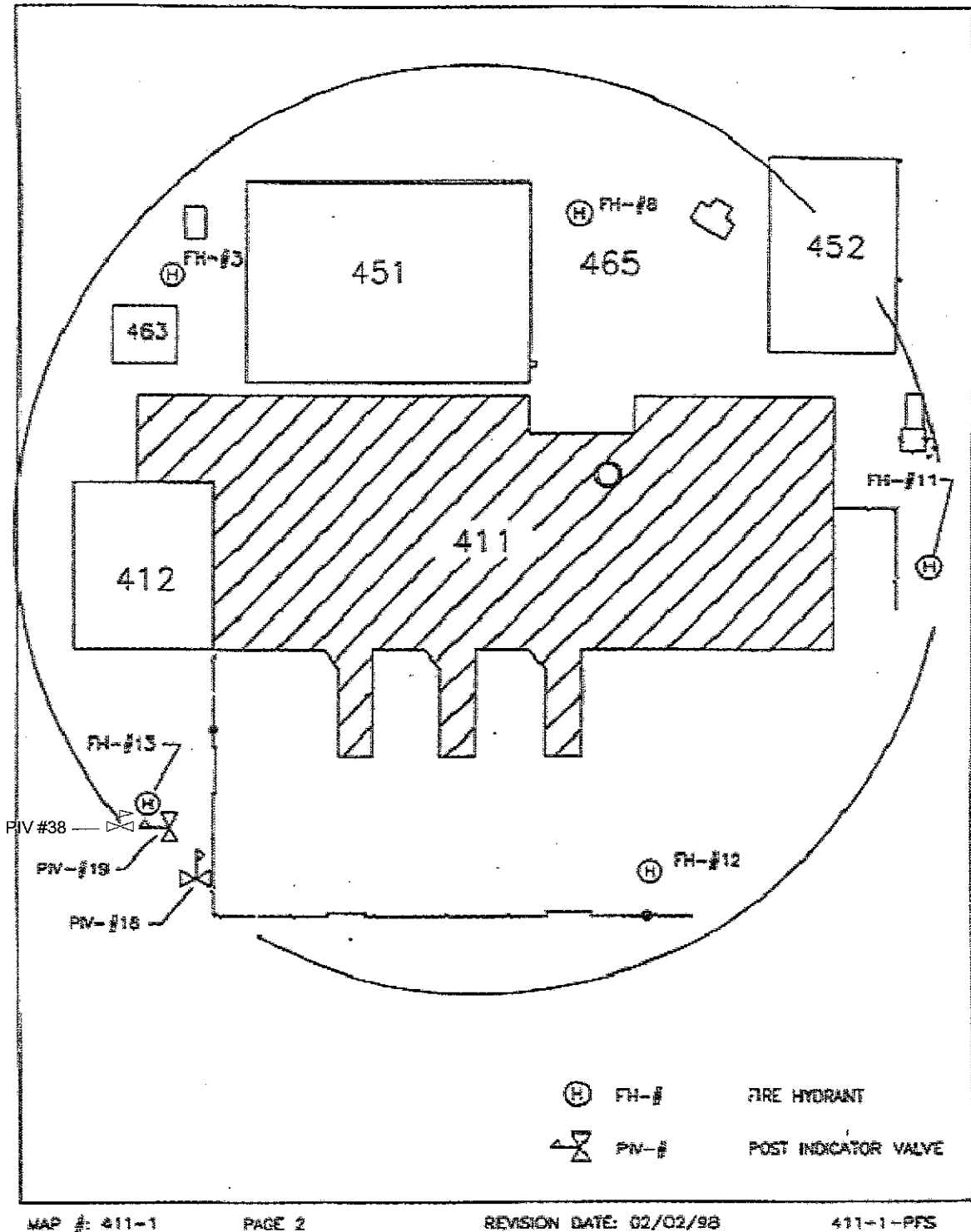
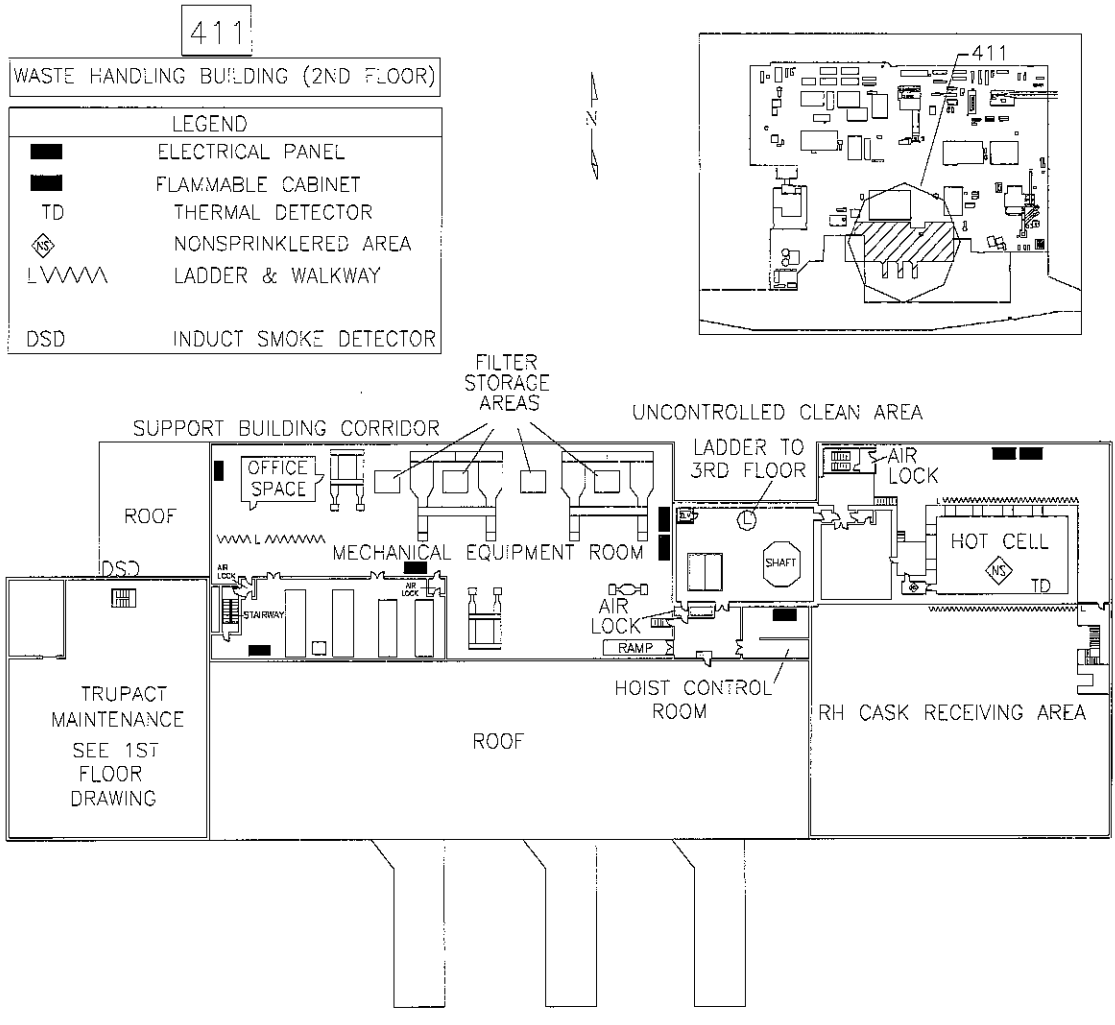


Figure F-10a
Waste Handling Building Pre-Fire Survey (First Floor)

Pre-Fire Survey

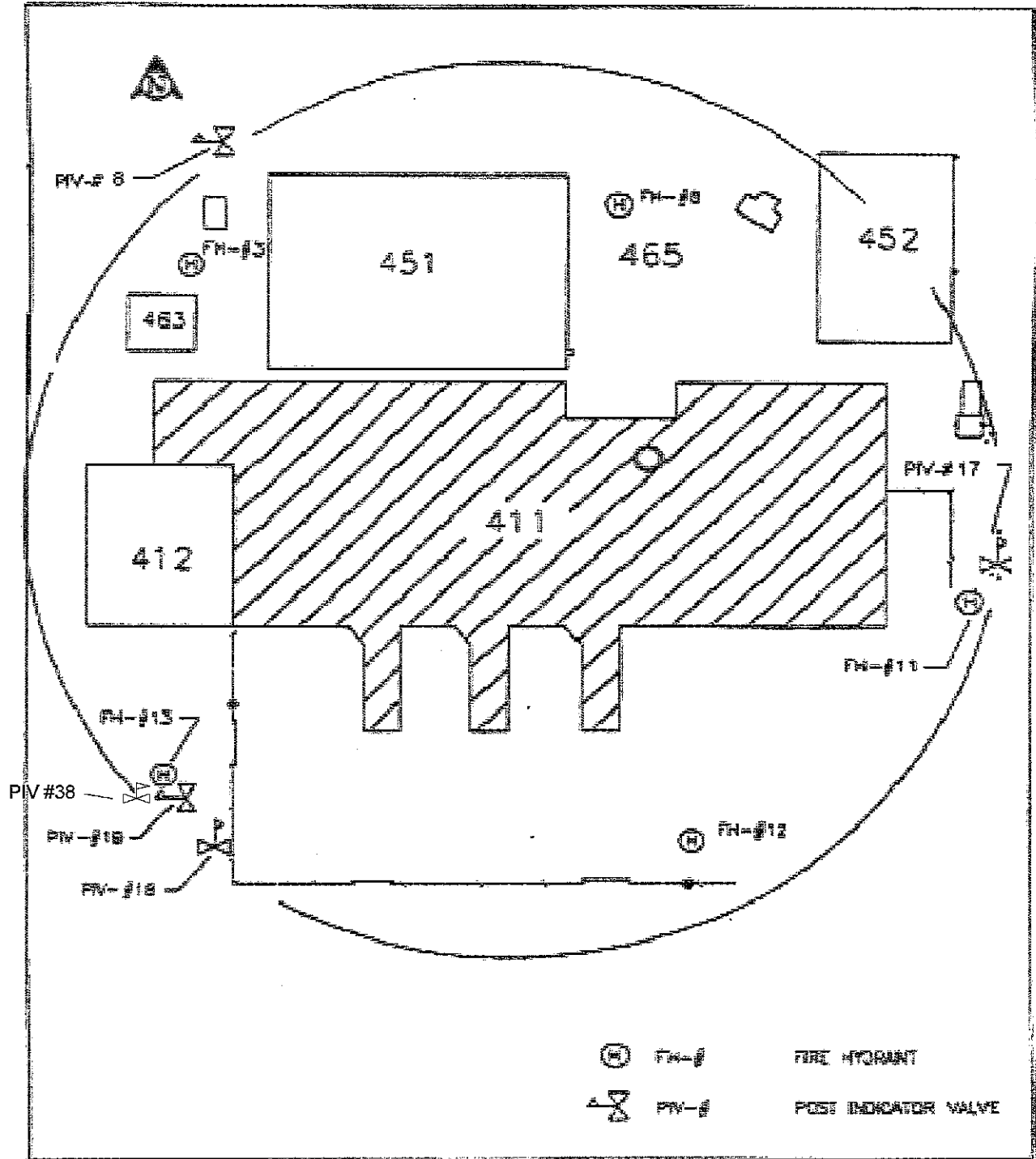
1. Bldg. Name: WASTE HANDLING BUILDING
2. Address: 411 SITE
3. Occ. Type: MAINTENANCE AND OPERATIONS PERSONNEL
4. Map #: 411-2
5. Roof Const.: METAL
6. Floor Const.: CONCRETE
7. Date: 07/27/95
8. Revision Date: 02/11/97
9. Surrounding Bldgs.: 412, 451, 452, 463
10. Fire Hydrants: FH-#8 N, FH-#11 E, FH-#12 S, FH-#13 S



11. Comments: WATER SHUT-OFF AT PIV #8, PIV #17, PIV #19, PIV #38

Figure F-11
Waste Handling Building Pre-Fire Survey (Second Floor)

Pre-Fire Survey Cont.



MAP #: 411-2

PAGE 2

REVISION DATE: 02/02/98

411-2-PFS

Figure F-11a
Waste Handling Building Pre-Fire Survey (Second Floor)