



**Department of Energy**  
Carlsbad Field Office  
P. O. Box 3090  
Carlsbad, New Mexico 88221  
April 21, 2020

Mr. Kevin Pierard, Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, New Mexico 87505

Subject: Class 1 Permit Modification Notification to the Waste Isolation Pilot Plant  
Hazardous Waste Facility Permit Number: NM4890139088-TSDF

Dear Mr. Pierard:

Enclosed is a Notification of Class 1 Permit Modification for the following items:

- Revise List of Resource Conservation and Recovery Act Emergency Coordinators
- Revise Figures to Reflect Property Protection Area Fence Change

We certify under penalty of law that this document and all attachments were prepared under our direction or supervision according to 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.

If you have any questions, please contact Mr. Michael R. Brown at (575) 706-0072.

Sincerely,

Gregory Sosson  
Acting Manager  
Carlsbad Field Office

Sean Dunagan  
President and Project Manager  
Nuclear Waste Partnership LLC

Enclosure

cc: w/enclosure  
R. Maestas, NMED \*ED  
D. Biswell, NMED ED  
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CBFO M&RC  
\*ED denotes electronic distribution

**Class 1 Permit Modification Notifications**

**Revise List of Resource Conservation and Recovery Act Emergency Coordinators  
Revise Figures to Reflect Property Protection Area Fence Change**

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

**WIPP Permit Number - NM4890139088-TSDF**

**April 2020**

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## **Acronyms and Abbreviations**

CFR	Code of Federal Regulations
DOE	U.S. Department of Energy
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
Permit	Waste Isolation Pilot Plant Hazardous Waste Facility Permit
PMNs	Permit Modification Notifications
PPA	Property Protection Area
RCRA	Resource Conservation and Recovery Act
WIPP	Waste Isolation Pilot Plant

## Overview of the Permit Modification Notifications

This document contains two Class 1 Permit Modification Notifications (**PMNs**) for the Waste Isolation Pilot Plant (**WIPP**) Hazardous Waste Facility Permit (**Permit**) Number NM4890139088-TSDF.

These PMNs are being submitted by the U.S. Department of Energy (**DOE**) and Nuclear Waste Partnership LLC, collectively referred to as the Permittees, in accordance with Permit Part 1, Section 1.3.1. (20.4.1.900 New Mexico Administrative Code (**NMAC**) incorporating Title 40 of the Code of Federal Regulations (**CFR**) §270.42(a)). The PMNs in this document are necessary to notify the New Mexico Environment Department (**NMED**) of changes which impact the Permit. These changes do not reduce the ability of the Permittees to provide continued protection to human health and the environment.

The modifications to the Permit and any related supporting documents are provided in these PMNs. The modifications to the text of the Permit have 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 Notifications**

**Table 1. Class 1 Hazardous Waste Facility Permit Modification Notifications**

Item No.	Affected Permit Section	Change Description	Category
1	Attachment D, Table D-1, <i>Resource Conservation and Recovery Act Emergency Coordinators</i>	<p>This modification revises Permit Attachment D, Table D-1, <i>Resource Conservation and Recovery Act Emergency Coordinators</i>, with the following changes:</p> <ul style="list-style-type: none"> <li>• Added "R.E. (Eric) Chavez."</li> <li>• Added "D.L. (Donald) Journey."</li> <li>• Added "R.H. (Robert) Valenzuela."</li> <li>• Made editorial change to remove the space between the first and middle initials for the first five listed Resource Conservation and Recovery Act (<b>RCRA</b>) Emergency Coordinators.</li> </ul>	B.6.d A.2
2	<p>Attachment A4, Figure A4-2, <i>WIPP Traffic Flow Diagram</i></p> <p>Attachment D, Figure D-1, <i>WIPP Surface Structures</i></p> <p>Attachment D, Figure D-5, <i>Fire-Water Distribution System</i></p> <p>Attachment D, Figure D-6, <i>WIPP On-Site Assembly Areas and Off-Site Staging Areas</i></p>	<p>This modification updates the following Permit figures to reflect a temporary change to the northeast corner of the WIPP facility Property Protection Area (<b>PPA</b>) fence line and a change to the subcontractor's office, shops and laydown area.</p> <ul style="list-style-type: none"> <li>• Attachment A4, Figure A4-2, <i>WIPP Traffic Flow Diagram</i></li> <li>• Attachment D, Figure D-1, <i>WIPP Surface Structures</i></li> <li>• Attachment D, Figure D-5, <i>Fire-Water Distribution System</i></li> <li>• Attachment D, Figure D-6, <i>WIPP On-Site Assembly Areas and Off-Site Staging Areas</i></li> </ul>	A.1

## Item 1

### Description

This modification revises Permit Attachment D, Table D-1, *Resource Conservation and Recovery Act Emergency Coordinators*, with the following changes:

- Added “R.E. (Eric) Chavez.”
- Added “D.L. (Donald) Journey.”
- Added “R.H. (Robert) Valenzuela.”
- Made editorial change to remove the space between the first and middle initials for the first five listed Resource Conservation and Recovery Act (**RCRA**) Emergency Coordinators.

### Basis

For the first three bullets in the Description section, these changes are classified as “Changes in name, address, or phone number of coordinators or other persons or agencies identified in the plan...” and is, therefore, a Class 1 modification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.42, Appendix I, B. General Facility Standards, 6. Contingency Plan, d).

For the fourth bullet in the Description section, this change is classified as “Correction of typographical errors...” and is, therefore, a Class 1 modification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.42, Appendix I, A. General Permit Provisions, 2).

### Discussion

The list of persons qualified to act as the RCRA Emergency Coordinator must be kept up to date pursuant to 20.4.1.500 NMAC (incorporating 40 CFR 264.52(d)). The Permittees are adding three RCRA Emergency Coordinators, R.E. (Eric) Chavez, D.L. (Donald) Journey, and R.H. (Robert) Valenzuela. These changes are necessary to ensure the list of RCRA Emergency Coordinators is current.

In addition, the Permittees are making an editorial change to remove the space between the first and second initials in the “Name” column of Table D-1. This change is needed to ensure consistency in formatting within the table.



**Proposed Revised Permit Text:**

**Table D-1  
Resource Conservation and Recovery Act Emergency Coordinators<sup>1</sup>**

<b>Name</b>	<b>Address*</b>	<b>Office Phone</b>	<b>Personal Phone*</b>	<b>24-Hour Emergency Phone</b>
J.-E. (Joseph) Bealler		(575) 234-8276 or (575) 234-8916		(575) 234-8111
M.-G. (Mike) Proctor		(575) 234-8276 or (575) 234-8143		(575) 234-8111
G.-L. (Gary) Kessler		(575) 234-8326		(575) 234-8111
P.-J. (Paul) Paneral		(575) 234-8498		(575) 234-8111
M.-L. (Mark) Long		(575) 234-8170		(575) 234-8111
A.C. (Andy) Cooper		(575) 234-8197		(575) 234-8111
C.J. (Chris) Belis		(575) 628-5851		(575) 234-8111
B.R. (Bobby) Franco		(575) 234-8163		(575) 234-8111
G.W. (Gregory) Brown		(575) 234-5862		(575) 234-8111
R.D. (Ryan) Parrish		(575) 234-8638		(575) 234-8111
<u>R.E. (Eric) Chavez</u>		<u>(575) 234-5831</u>		<u>(575) 234-8111</u>
<u>D.L. (Donald) Journey</u>		<u>(575) 234-8216</u>		<u>(575) 234-8111</u>
<u>R.H. (Robert) Valenzuela</u>		<u>(575) 234-8799</u>		<u>(575) 234-8111</u>

\* NOTE: Personal information (home addresses and personal phone numbers) has been removed from informational copies of this Permit.

<sup>1</sup> For every shift, one qualified RCRA Emergency Coordinator serves as the primary, and a second qualified RCRA Emergency Coordinator is available to serve as the alternate.

## Item 2

### Description

This modification updates the following Permit figures to reflect a temporary change to the northeast corner of the WIPP facility Property Protection Area (PPA) fence line and a change to the subcontractor's office, shops and laydown area.

- Attachment A4, Figure A4-2, *WIPP Traffic Flow Diagram*
- Attachment D, Figure D-1, *WIPP Surface Structures*
- Attachment D, Figure D-5, *Fire-Water Distribution System*
- Attachment D, Figure D-6, *WIPP On-Site Assembly Areas and Off-Site Staging Areas*

### Basis

This change is classified as an "Administrative and informational changes..." and is, therefore, a Class 1 modification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR 270.42 Appendix I, A. General Permit Provisions, 1).

### Discussion

A notification of planned change to the permitted facility was submitted by the Permittees to the New Mexico Environment Department on January 15, 2019<sup>1</sup>. The notification of planned change provided a description of the activities necessary for upgrades to the WIPP facility fire water distribution system. One of these activities is a temporary alteration to the WIPP facility PPA fence line. The Permittees are also reducing the size of the subcontractor's office, shops and laydown area to accommodate the change to the PPA fence line. The temporary PPA fence line change and the reduction of the subcontractor's office, shops and laydown area have been made to accommodate construction associated with Phases 1 and 2 of the new fire water distribution system. The northeast portion of the subcontractor's office, shops and laydown area will be replaced with the new fire water storage tanks. The temporary change to the PPA fence line is expected to last approximately two years, at which time Phases 1 and 2 of the project will be complete. The notification of planned change described this fence line change as follows:

*...a portion of the Property Protection Area (PPA) security fence will be temporarily relocated to accommodate construction activities (i.e., allow initial construction activities to occur outside the PPA). The temporary fence will be constructed to meet the Permit requirements for security and posting in Permit Part 2, Section 2.6...*

The Permittees are updating the Permit figures to depict the current layout of the PPA. For clarity, red boxes are provided on the versions of the figures being replaced to depict this change. Please note that the Permittees are not updating Permit Attachment A2, Figure A4-2-NFB, or Permit Attachment D, Figures D-1-NFB, D-5-NFB and D-6-NFB, since these figures depict the future layout of the WIPP facility surface structures, which will include the permanent PPA fence line once the upgrades to the fire water distribution system have been completed.

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<sup>1</sup> U.S. Department of Energy and Nuclear Waste Partnership LLC. 2019. Letter from T. Shrader and B. Covert. Notification of Planned Change to the Permitted Facility Regarding the New Fire Water Distribution System, Hazardous Waste Facility Permit, Number: NM4890139088-TSDF. January 15, 2019. AR/Index Number: 190107.

Proposed Revised Permit Text:

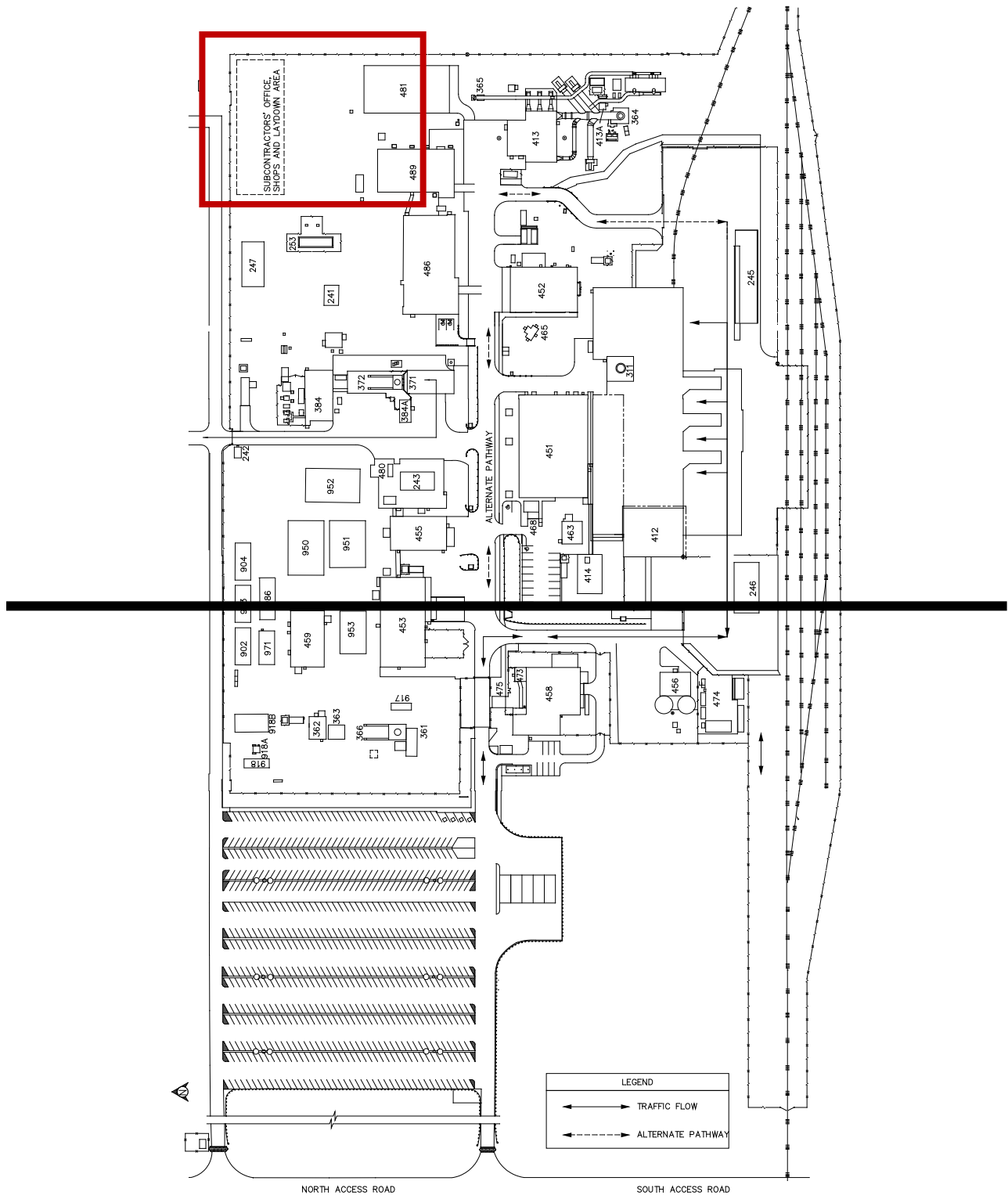


Figure A4-2  
WIPP Traffic Flow Diagram

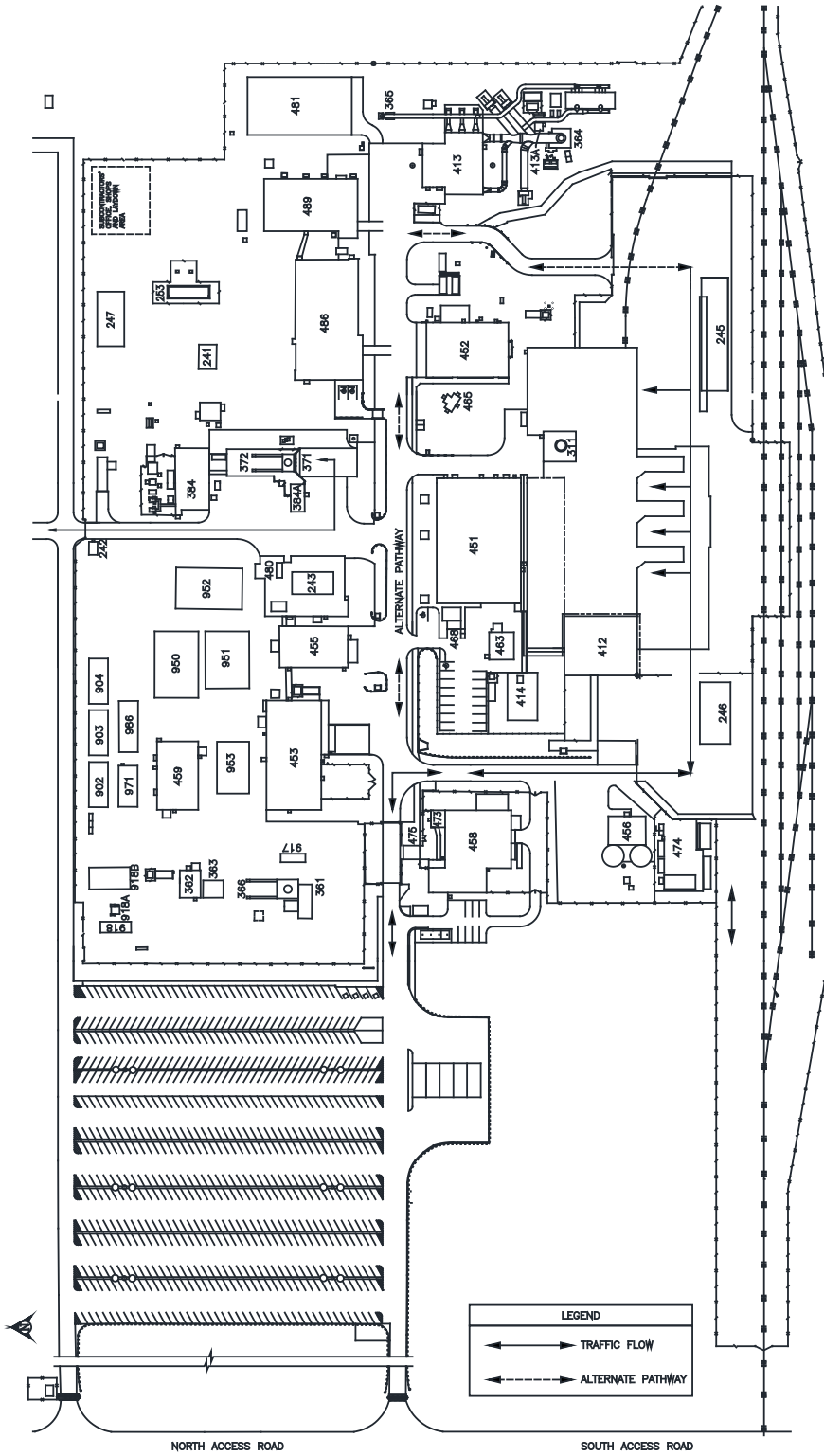
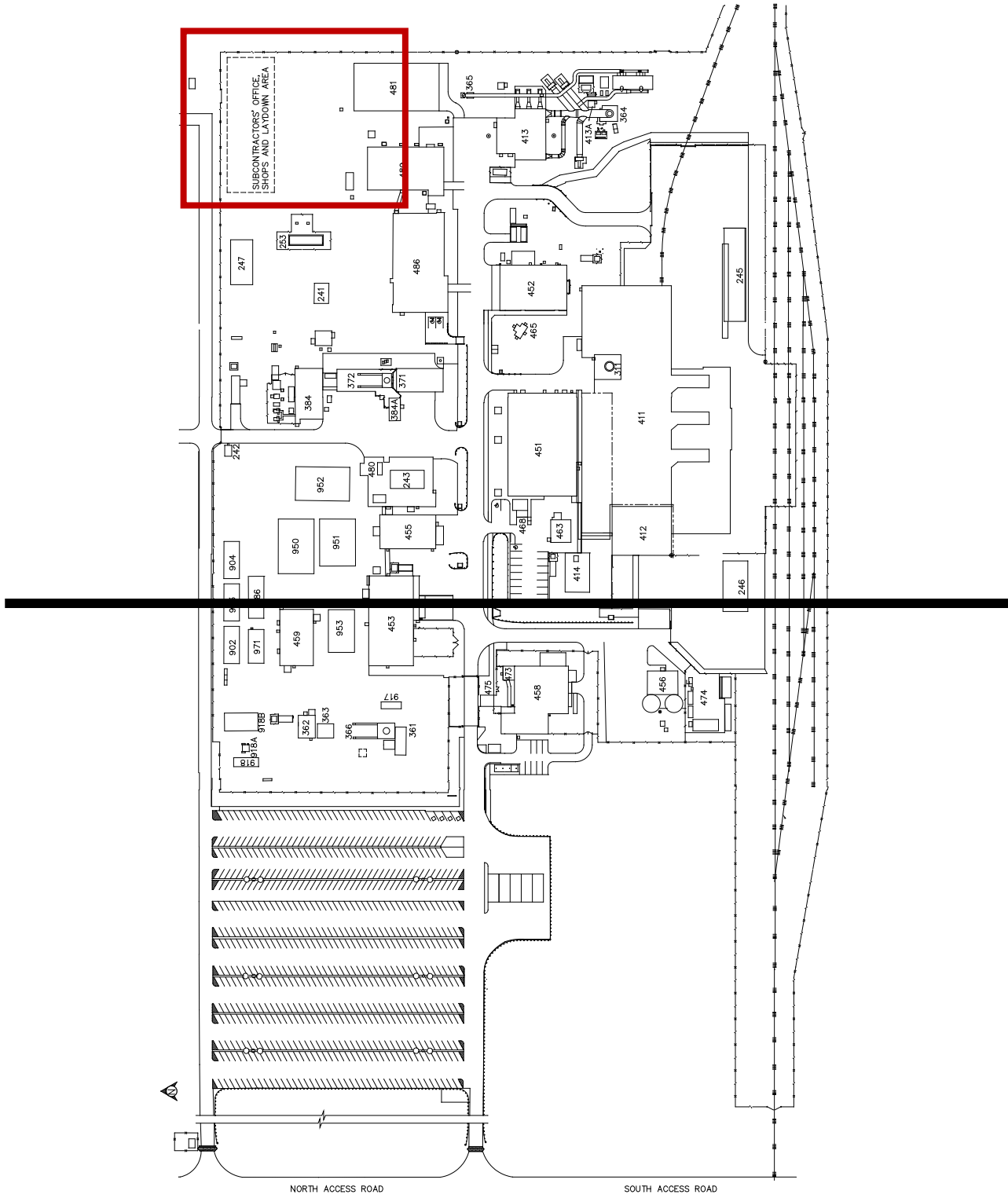
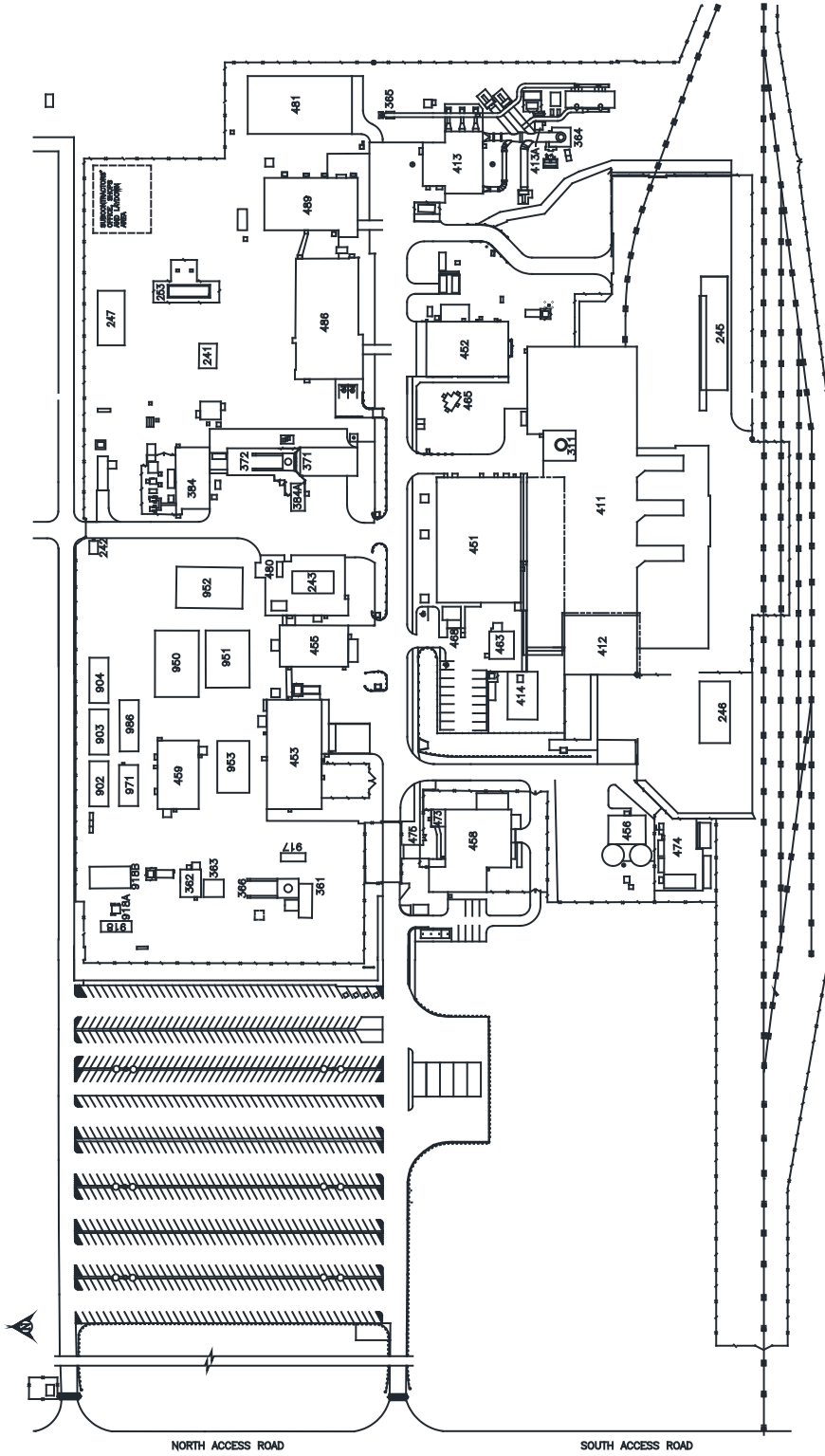


Figure A4-2  
WIPP Traffic Flow Diagram



**Figure D-1**  
**WIPP Surface Structures**



**Figure D-1**  
**WIPP Surface Structures**



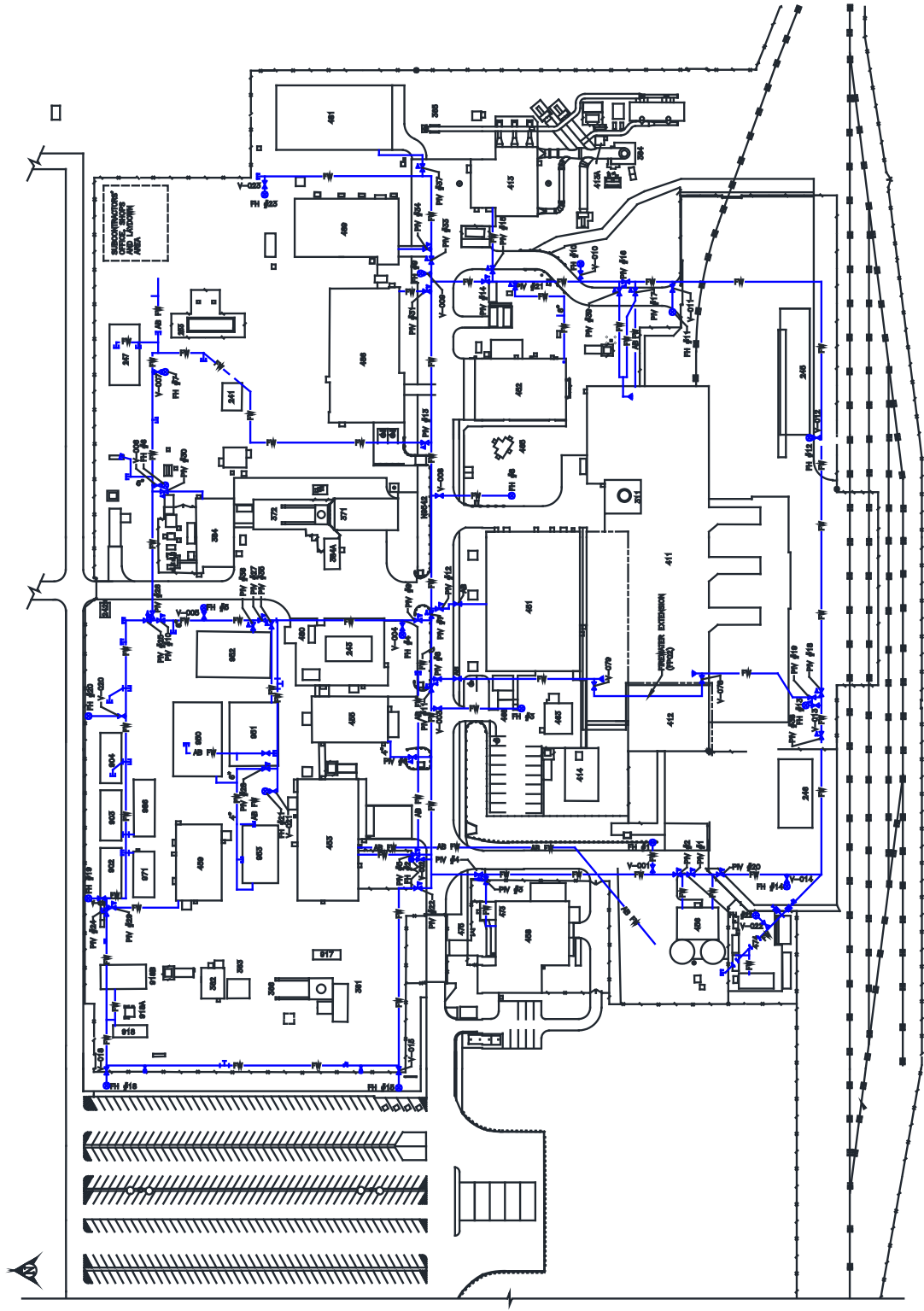
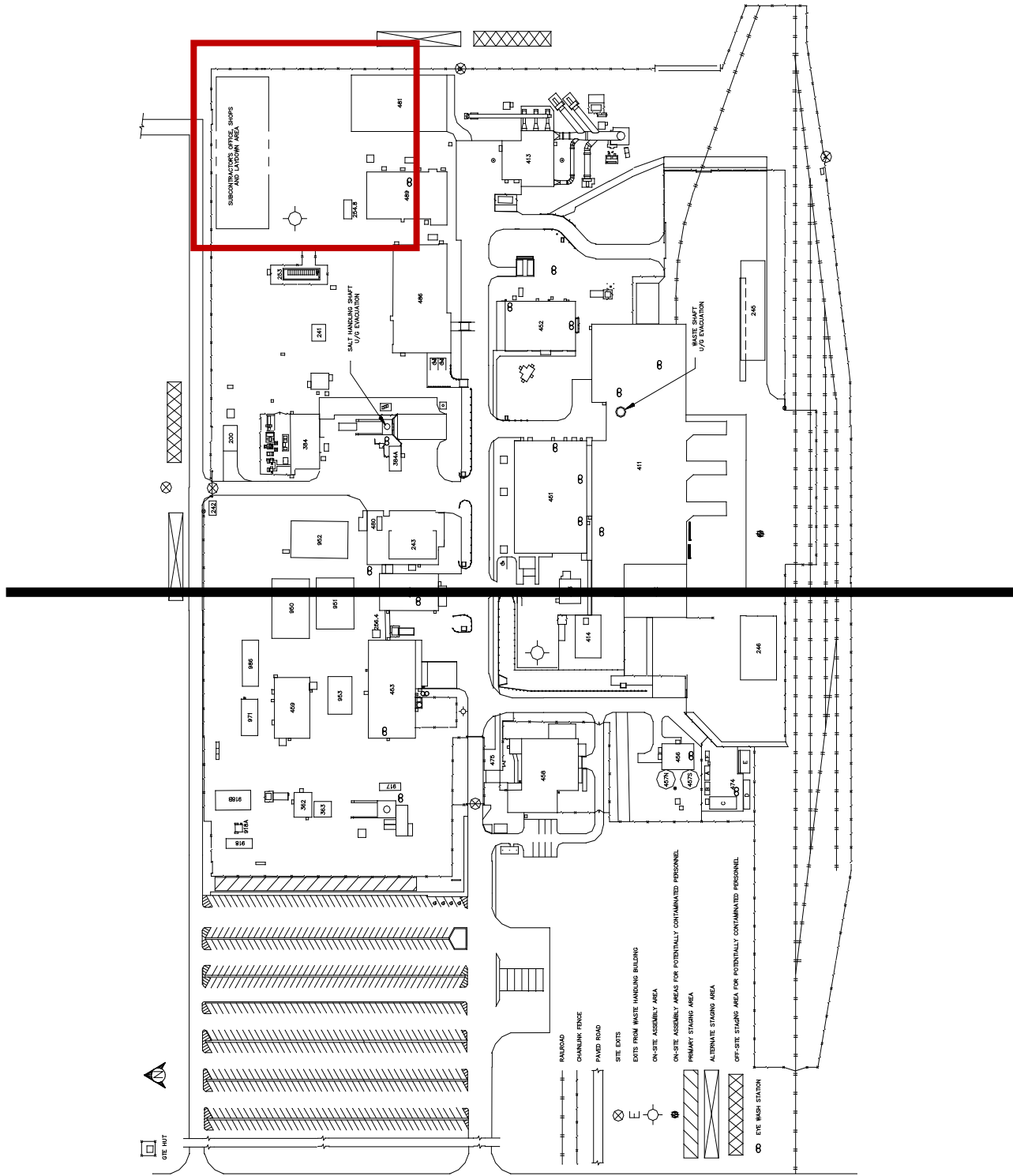


Figure D-5  
Fire-Water Distribution System





**Figure D-6**  
**WIPP On-Site Assembly Areas and Off-Site Staging Areas**

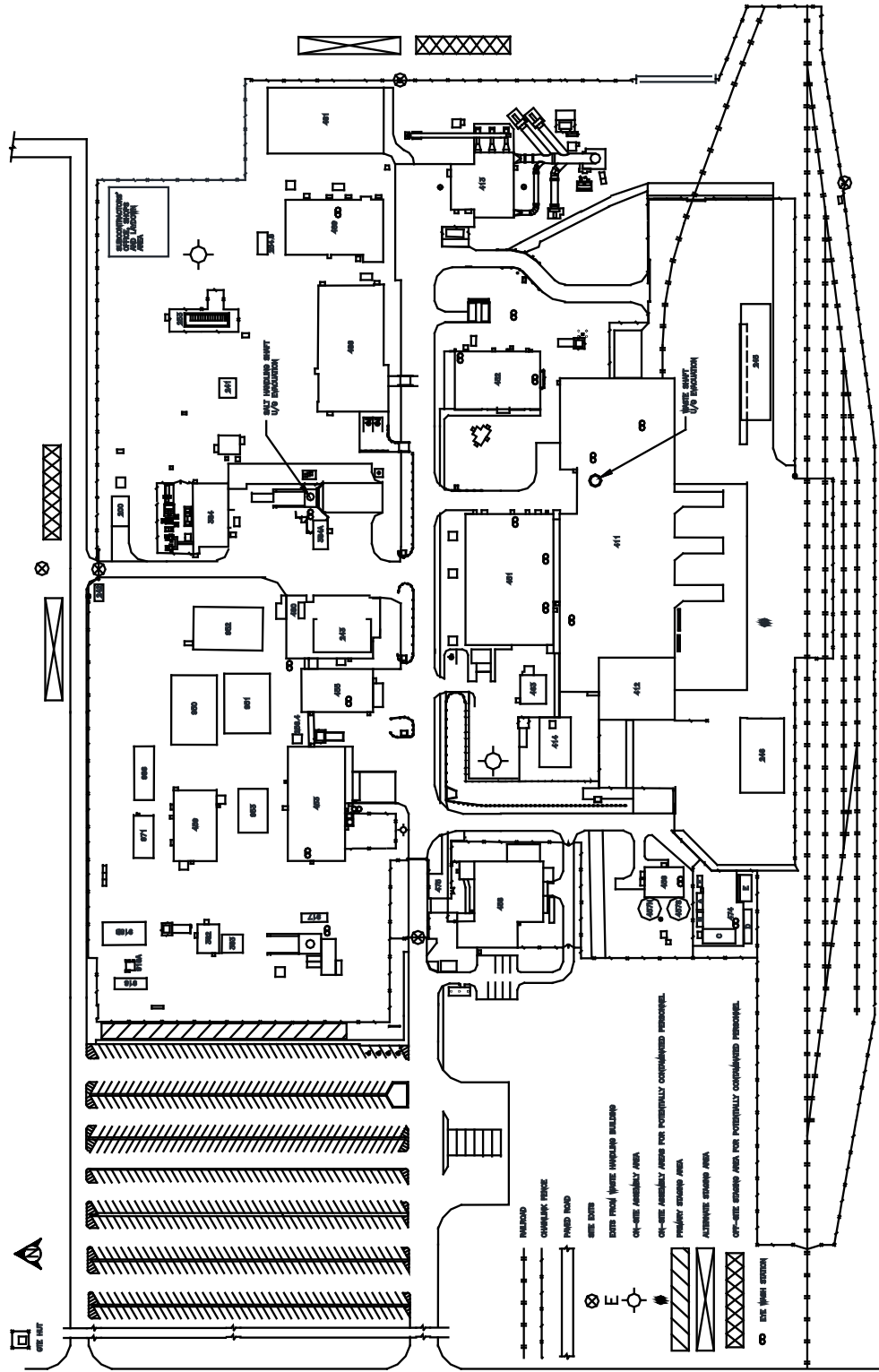


Figure D-6  
WIPP On-Site Assembly Areas and Off-Site Staging Areas