



Department of Energy
 Carlsbad Field Office
 P. O. Box 3090
 Carlsbad, New Mexico 88221
 October 14, 2010



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 Permit Number:
 NM4890139088-TSDF

Dear Mr. Bearzi:

Enclosed is a Class 1 Permit Modification Notification to:

- Revise Panel Figures to Include Panel 6

We certify under penalty of law that this document and the enclosure 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.

If you have any questions, please contact Mr. George Basabilvazo at (575) 234-7488.

Sincerely,

Edward Ziemianski, Acting Manager
 Carlsbad Field Office

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

Enclosure

cc: w/ enclosure
 S. Zappe, NMED * ED
 C. Walker, Trinity Engineering ED
 CBFO M&RC

cc: w/o enclosure
 J. Kieling, NMED ED
 *ED denotes electronic distribution



Class 1 Permit Modification Notification

Revise Panel Figures to Include Panel 6

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

Permit #NM4890139088-TSDF

October 2010

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Overview of the Permit Modification Notification

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

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 Permit 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 changes which impact the WIPP facility. 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 Permit and any related supporting documents are provided in this PMN. The proposed modification to the text of the Permit 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 #
1. Figures F-3, F-5, F-9, I-1, I-6, I2-1, M2-1, N-1 and O3-2	Revise figures to indicate that Panel 6 has been certified and is approved for use.	A.1	A-3

Item 1

Description:

Revise figures in the Permit to indicate that Panel 6 has been approved by the NMED. The designation on the figures is being changed from "planned" to "existing" hazardous waste disposal unit (HWDU).

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 October 6, 2010 the Permittees were notified by the NMED that Panel 6 had been constructed in compliance with the requirements in the Permit. Panel 6 has been certified in accordance with the Permit Condition I.E.II and is now available for waste emplacement. Figures F-3, F-5, F-9, I-1, I-6, I2-1, M2-1, N-1 and O3-2 have been revised to show that Panel 6 is now approved for waste emplacement. The change removes the "dashed" lines and replaces them with "solid" lines in order to change the designation from "planned" HWDU to "existing" HWDU.

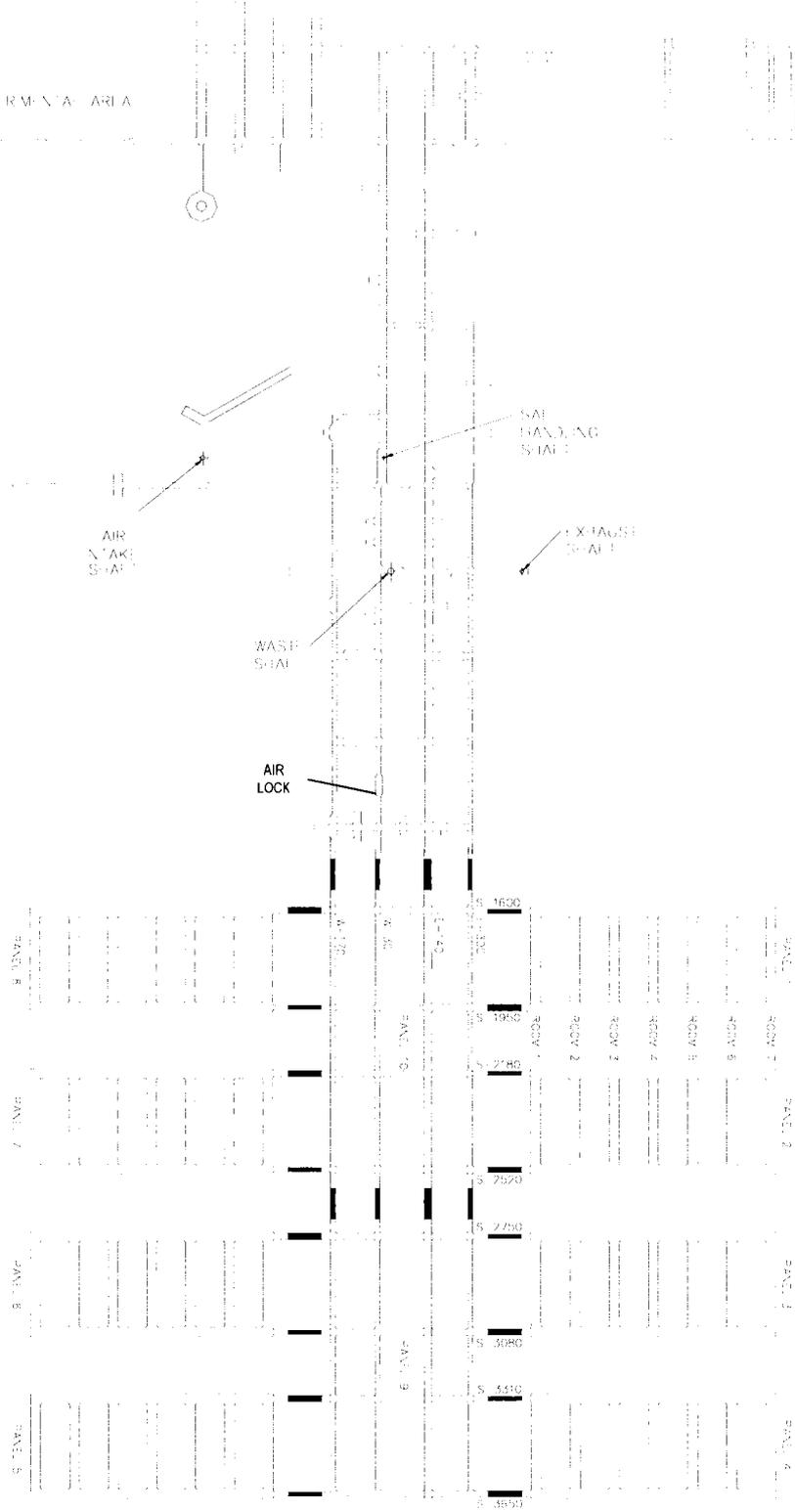
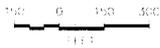
Revised Permit Text:

- a.1. Figures F-3, F-5, F-9, I-1, I-6, I2-1, M2-1, N-1 and O3-2 are included in Attachment B.

Attachment B

EXPERIMENTAL AREA

LEGEND
 EXISTING
 PLANNED
 PLANNED DISPOSAL AREAS



DISPOSAL AREA
 PANELS 1 THROUGH 10
 (HAZARDOUS WASTE
 DISPOSAL UNITS)

Figure F-3
 WIPP Underground Facilities

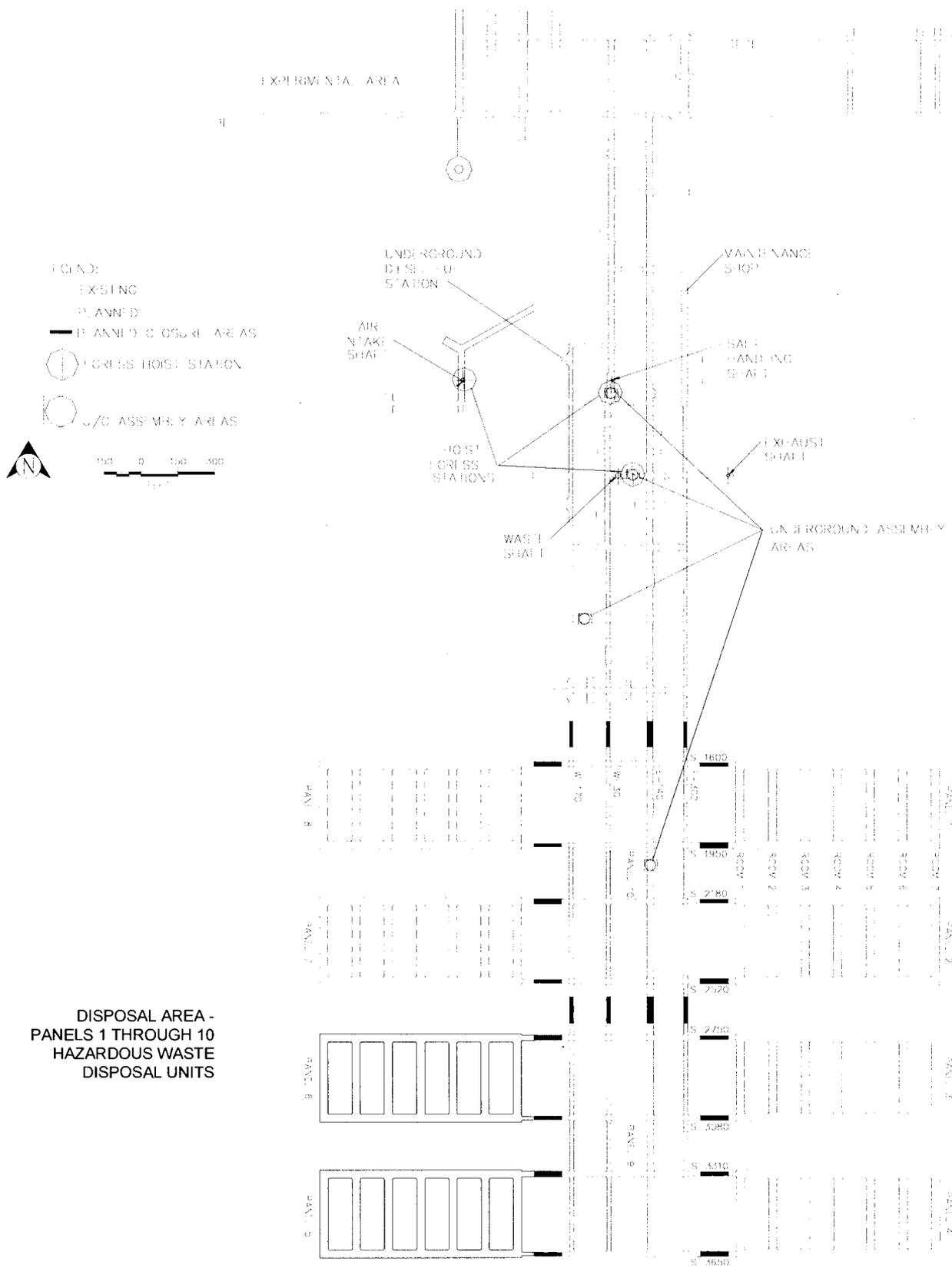


Figure F-9
Designated Underground Assembly Areas

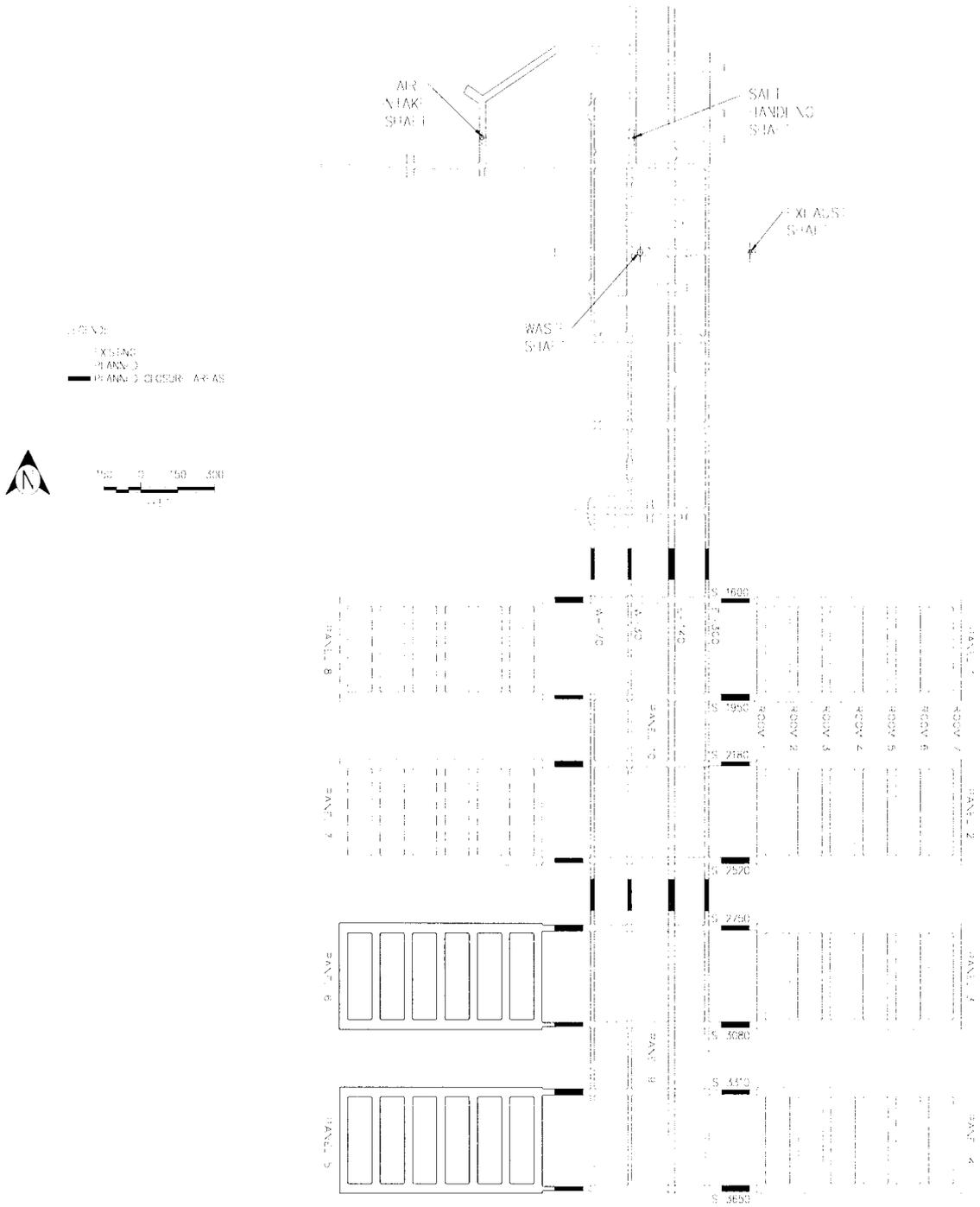


Figure I-1
Location of Underground HWDUs and Anticipated Closure Locations

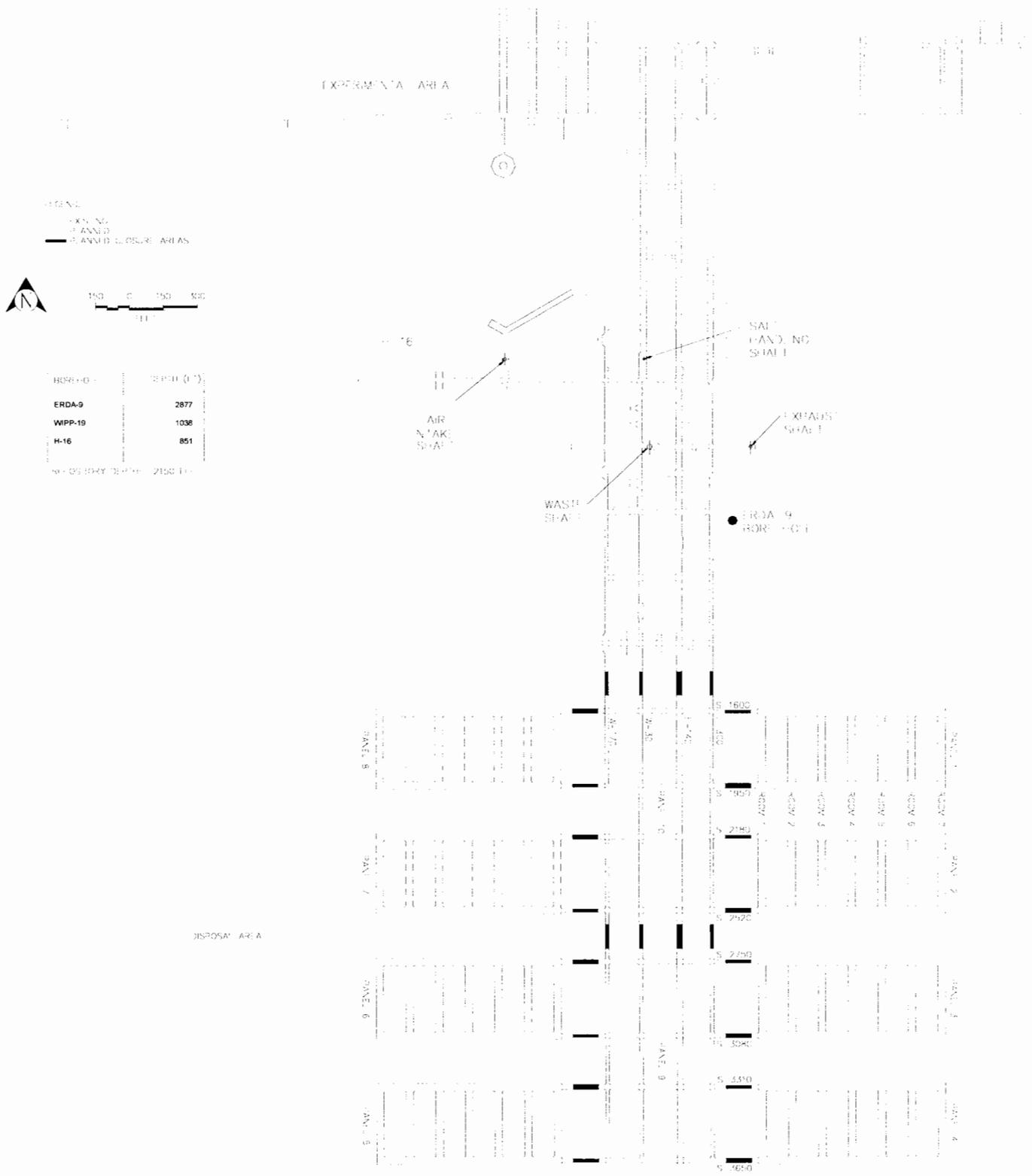


Figure I-6
Approximate Location of Boreholes in Relation to the WIPP Underground

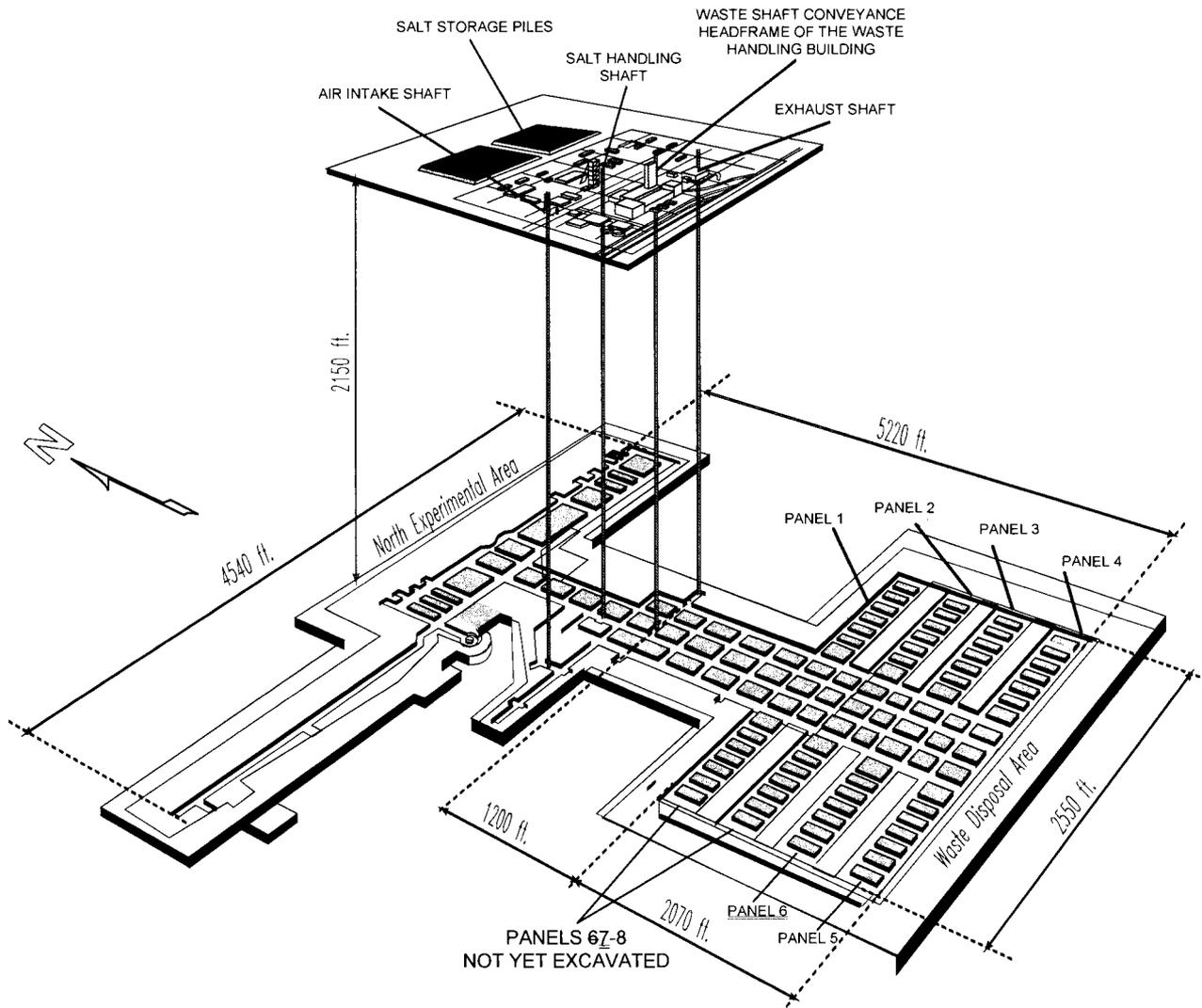


Figure I2-1
View of the WIPP Underground Facility

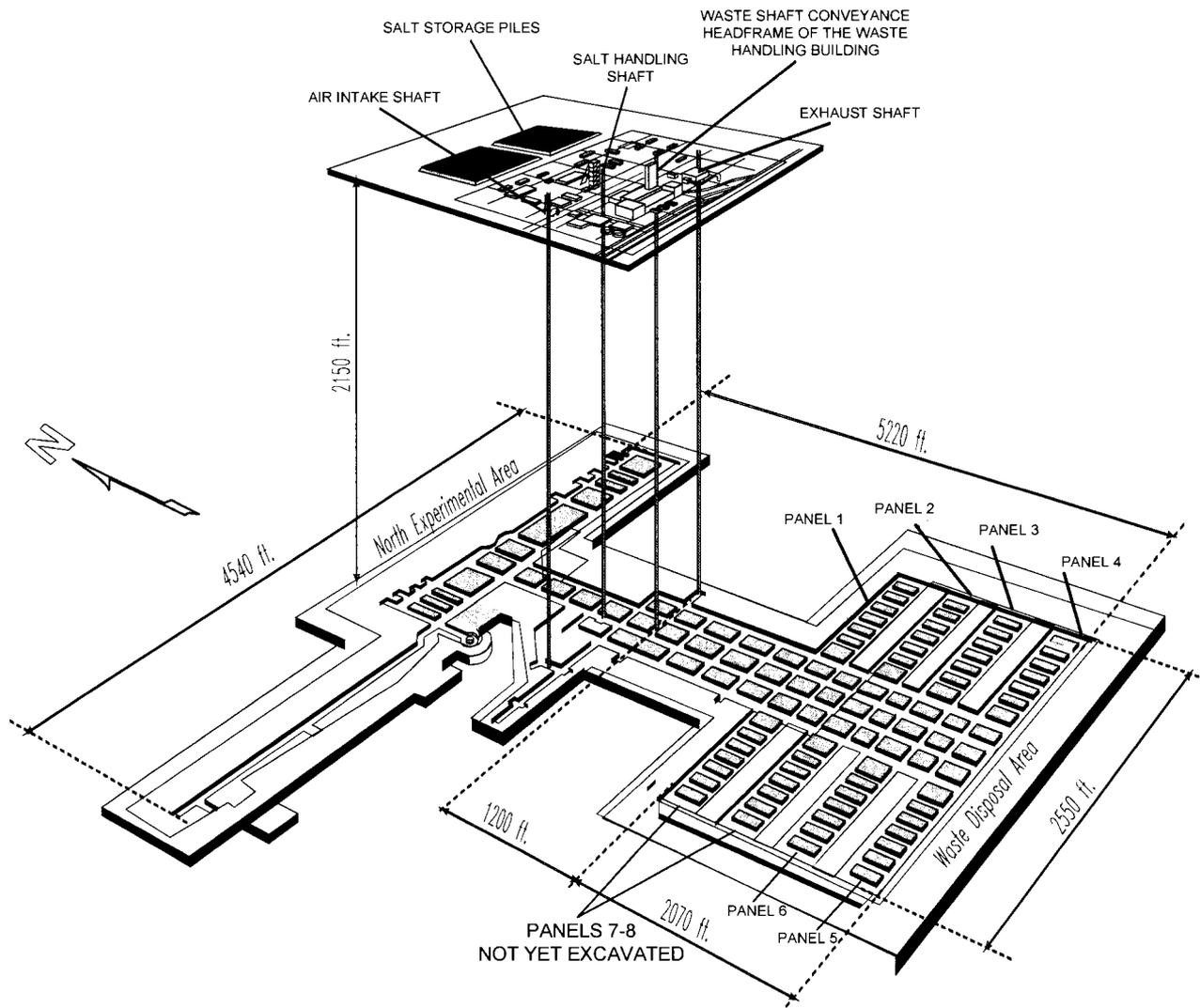


Figure I2-1
View of the WIPP Underground Facility

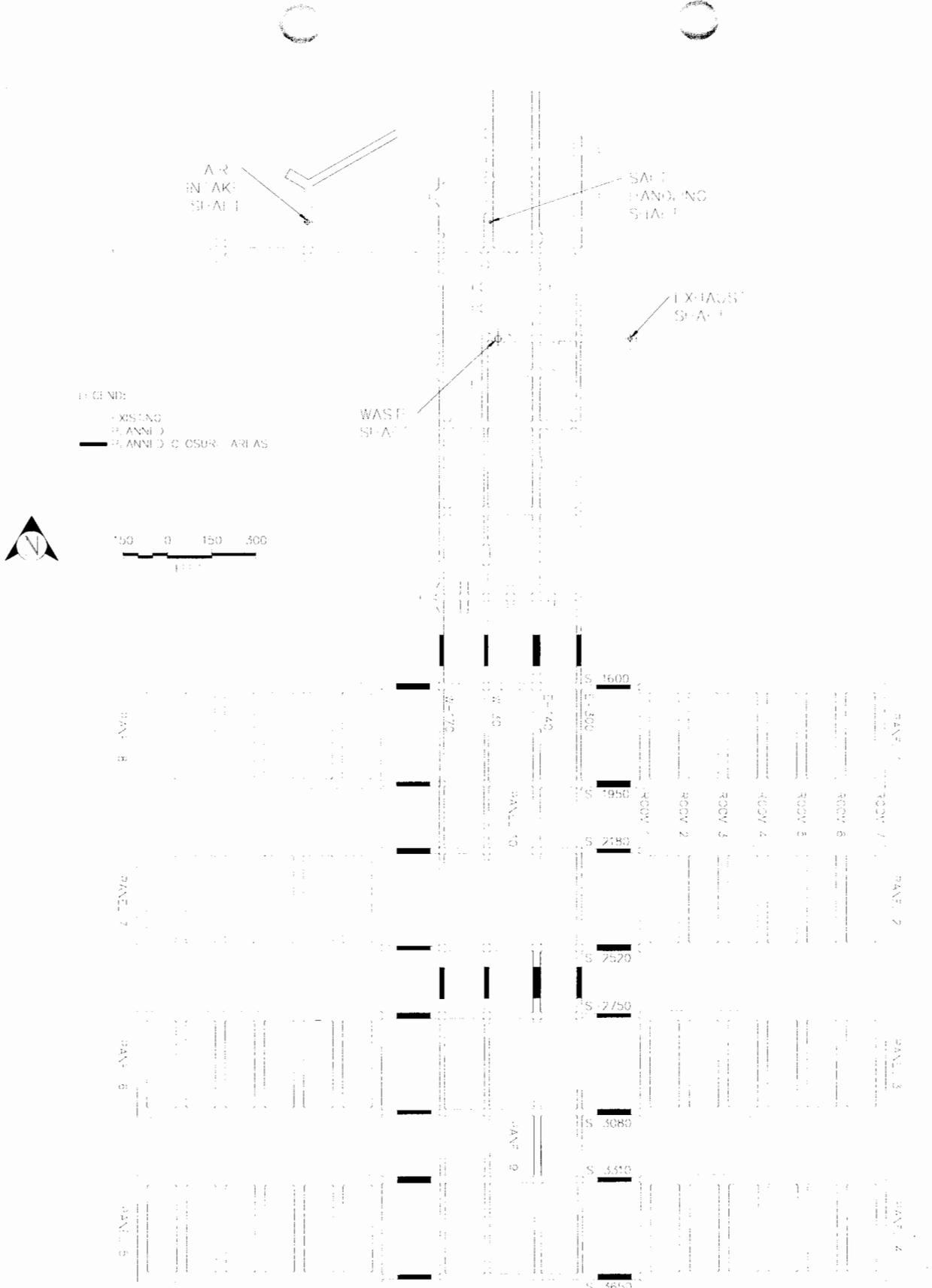
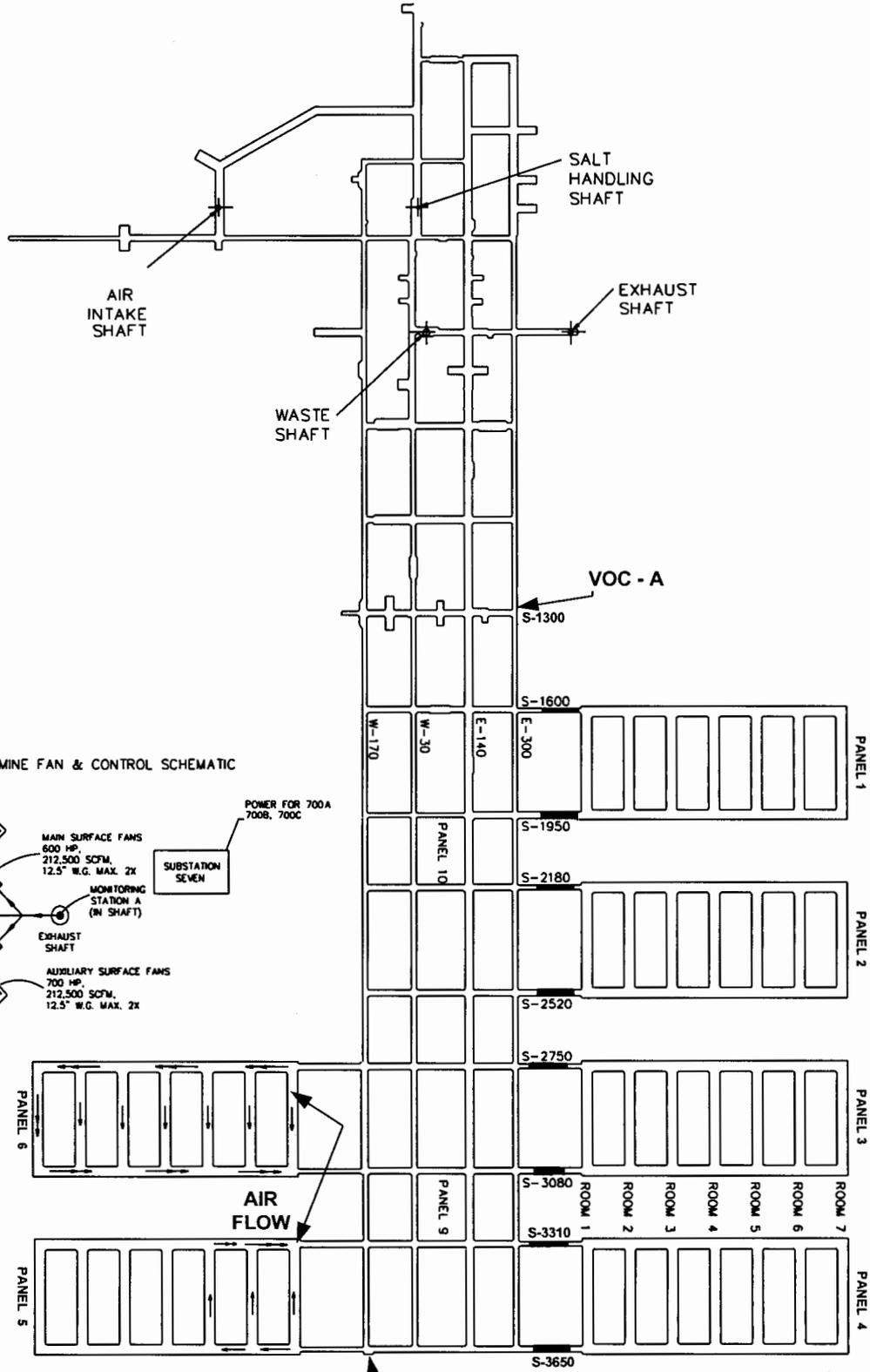


Figure M2-1
Repository Horizon



SURFACE LOCATED PRIMARY MINE FAN & CONTROL SCHEMATIC

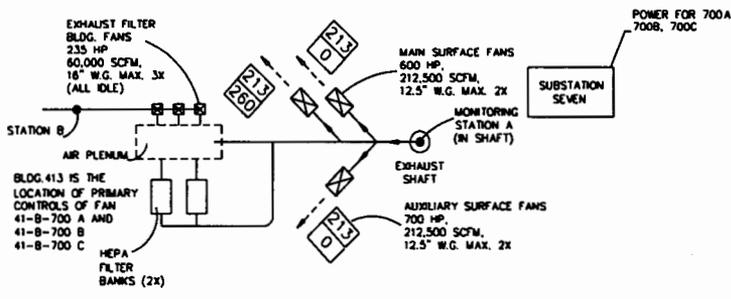
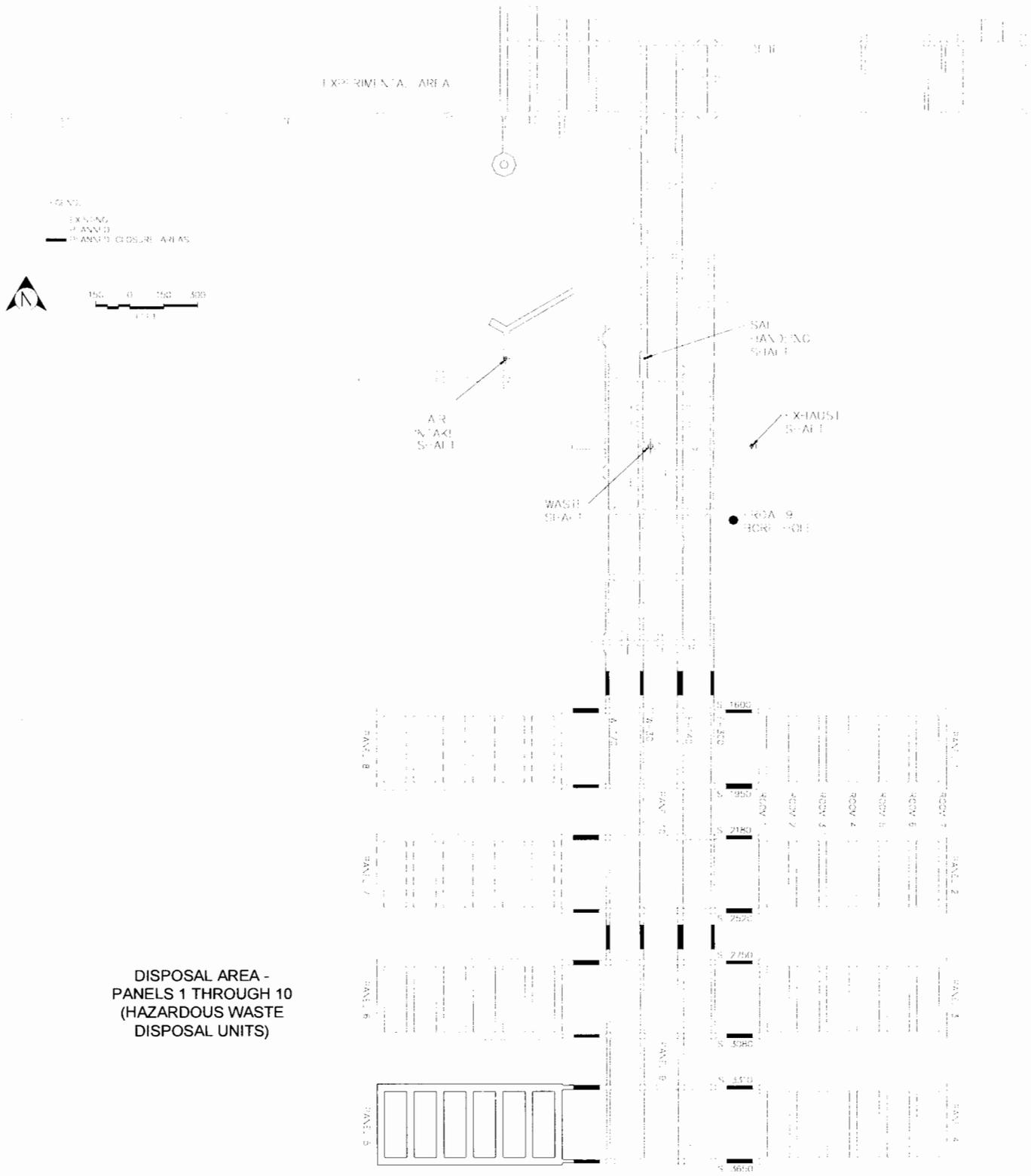


Figure N-1
Panel Flow Area



DISPOSAL AREA -
PANELS 1 THROUGH 10
(HAZARDOUS WASTE
DISPOSAL UNITS)

Figure 03-2
Repository Horizon