

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

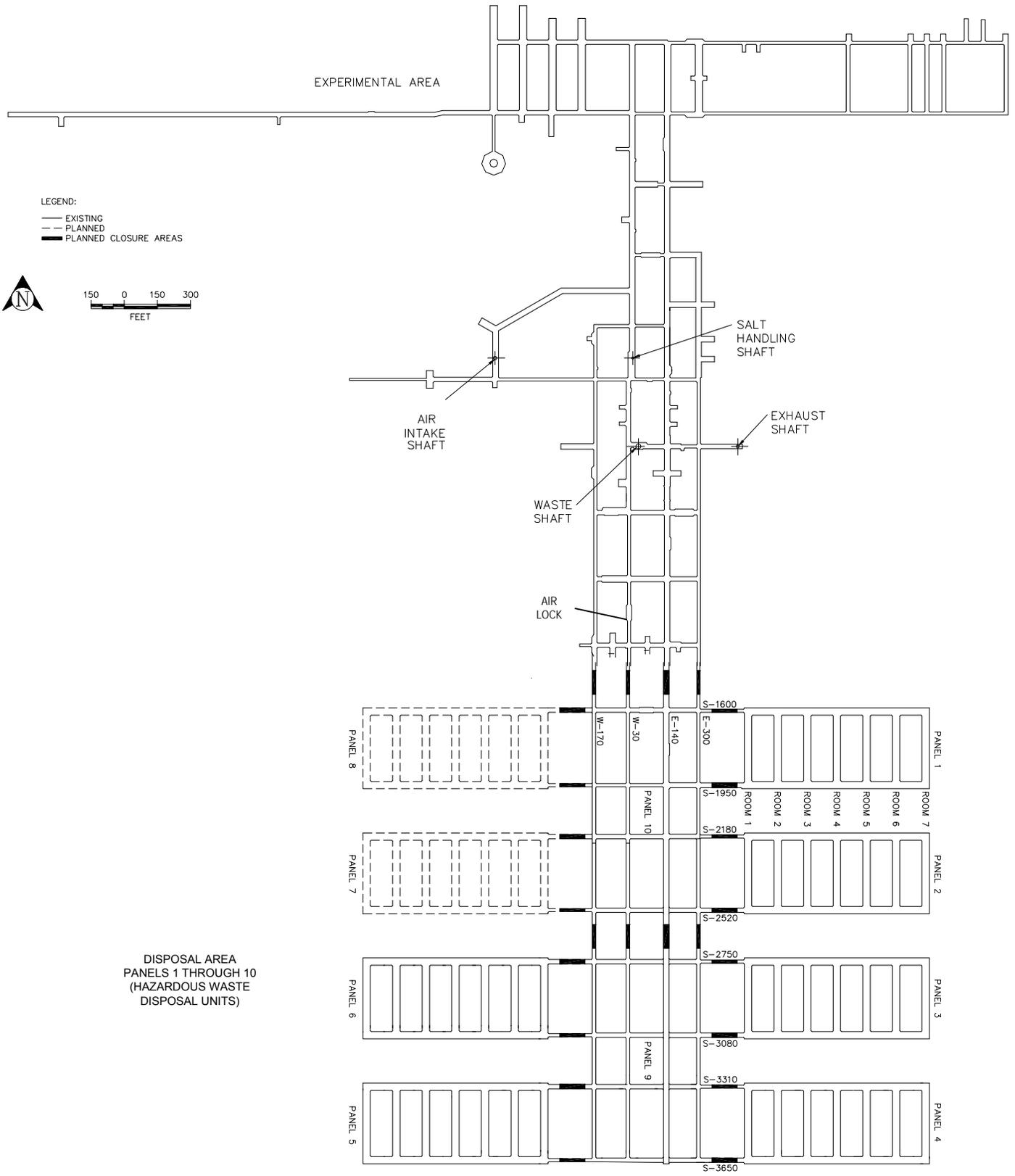


Figure F-3
 WIPP Underground Facilities

GENERAL INSTRUCTIONS

ANY TIME AN EVACUATION ALARM IS SOUNDED PROCEED TO THE NEAREST EGRESS HOIST STATION.

ALL CARTS, TRUCKS, ETC. WILL BE PARKED.

CONTACT THE CMR VIA MINE PAGER PHONE, DIAL PHONE, OR GATRONICS ON DIRECTION FROM THE CMR OPERATOR, PROCEED ON FOOT TO THE NEAREST EGRESS HOIST STATION.

INFORMATION

PRIMARY ESCAPE = INTAKE AIR = GREEN REFLECTIVE MARKERS INDICATE YOU ARE HEADING TOWARD A SHAFT IN INTAKE AIR

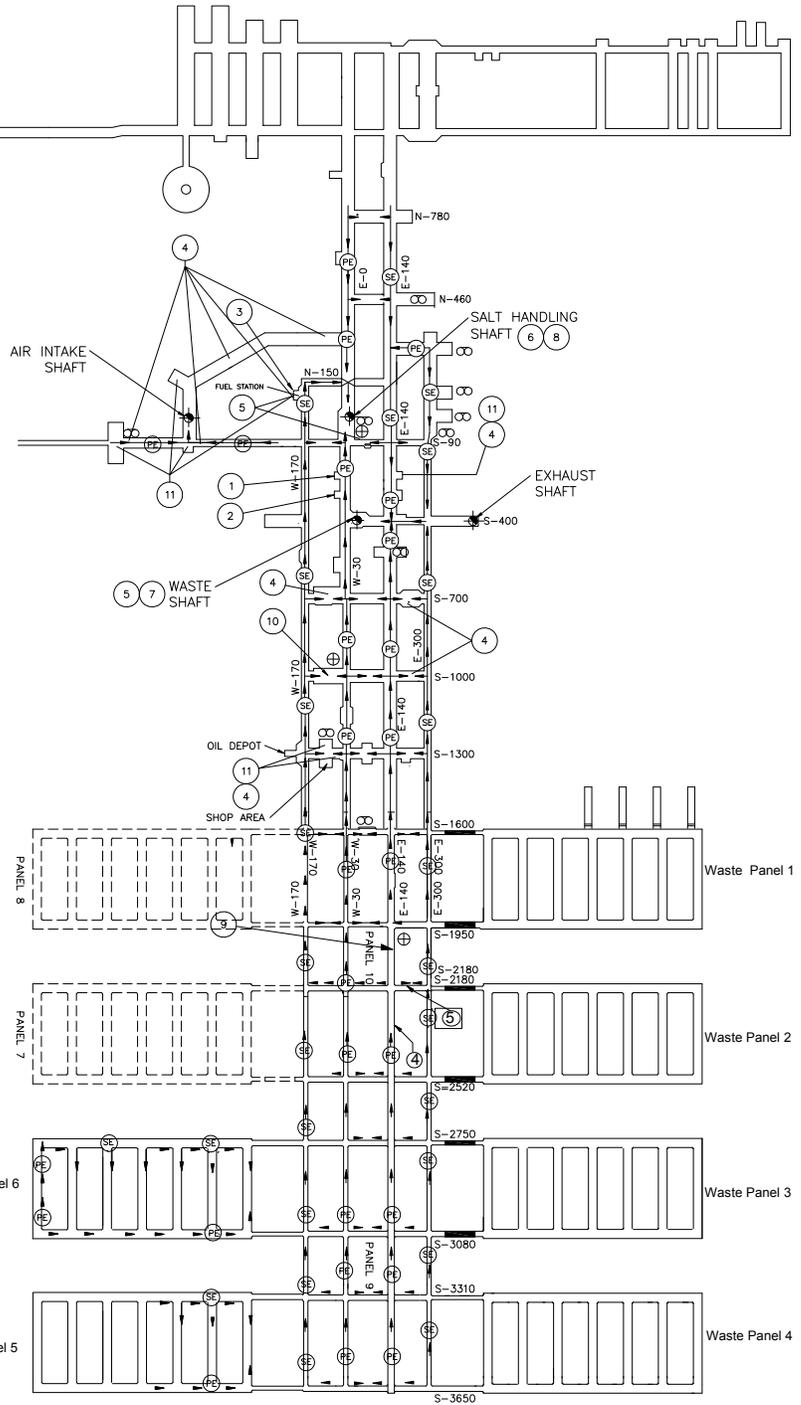
SECONDARY ESCAPE = EXHAUST AIR = RED REFLECTIVE MARKERS INDICATE YOU ARE HEADING TOWARD A SHAFT IN EXHAUST AIR

WHITE REFLECTIVE MARKERS INDICATE YOU ARE IN INTAKE AIR OR EXHAUST AIR HEADING AWAY FROM A SHAFT

NOTE:
SECONDARY ESCAPE ROUTE WILL ONLY BE USED UNTIL CLEAR ACCESS AT A BULKHEAD PAST THE BLOCKED AREA TO THE PRIMARY ACCESS ROUTE IS FOUND.

LEGEND

- PRIMARY ESCAPEWAY
- SECONDARY ESCAPEWAY
- UNPASSABLE BULKHEAD (PROHIBITED AREA)
- OVERCAST
- VERTICAL SHAFT
- FIRST AID STATION (PHONE)
- EYE WASH STATION
- 1 AMBULANCE
- 2 RESCUE TRUCK
- 3 DRY CHEMICAL SYSTEM
- 4 FIRE ALARM HAND SWITCH (PHONE)
- 5 FIRE ALARM PANEL
- 6 SALT HANDLING SHAFT ASSEMBLY AREA (PHONE)
- 7 SH SHAFT UNDERGROUND STATION EMERGENCY AREA (PHONE)
- 8 WASTE SHAFT UNDERGROUND STATION ASSEMBLY AREA (PHONE)
- 9 S-1950 & E-140 ASSEMBLY AREA (PHONE)
- 10 S-1000 ASSEMBLY AREA (PHONE)
- 11 THERMAL DETECTOR



EMERGENCY/ALARM RESPONSE
CONTACT CMR BY MINE PAGER PHONE OR GATRIONIC HANDSET OR
CMR EXTENSION 8111
IDENTIFY TYPE OF EMERGENCY AND LOCATION

PERSONNEL REPORT TO THE NEAREST EGRESS HOIST STATION FOR UNDERGROUND EVACUATION
PERSONNEL REPORT TO THE NEAREST DESIGNATED ASSEMBLY AREA FOR OTHER SITE EMERGENCIES AND CMR ESCAPE ROUTE INSTRUCTIONS

DURING AN EMERGENCY/ALARM RESPONSE PERSON-IN-CHARGE IS THE U/G FE

Figure F-5
Underground Emergency Equipment Locations and Underground Evacuation Routes

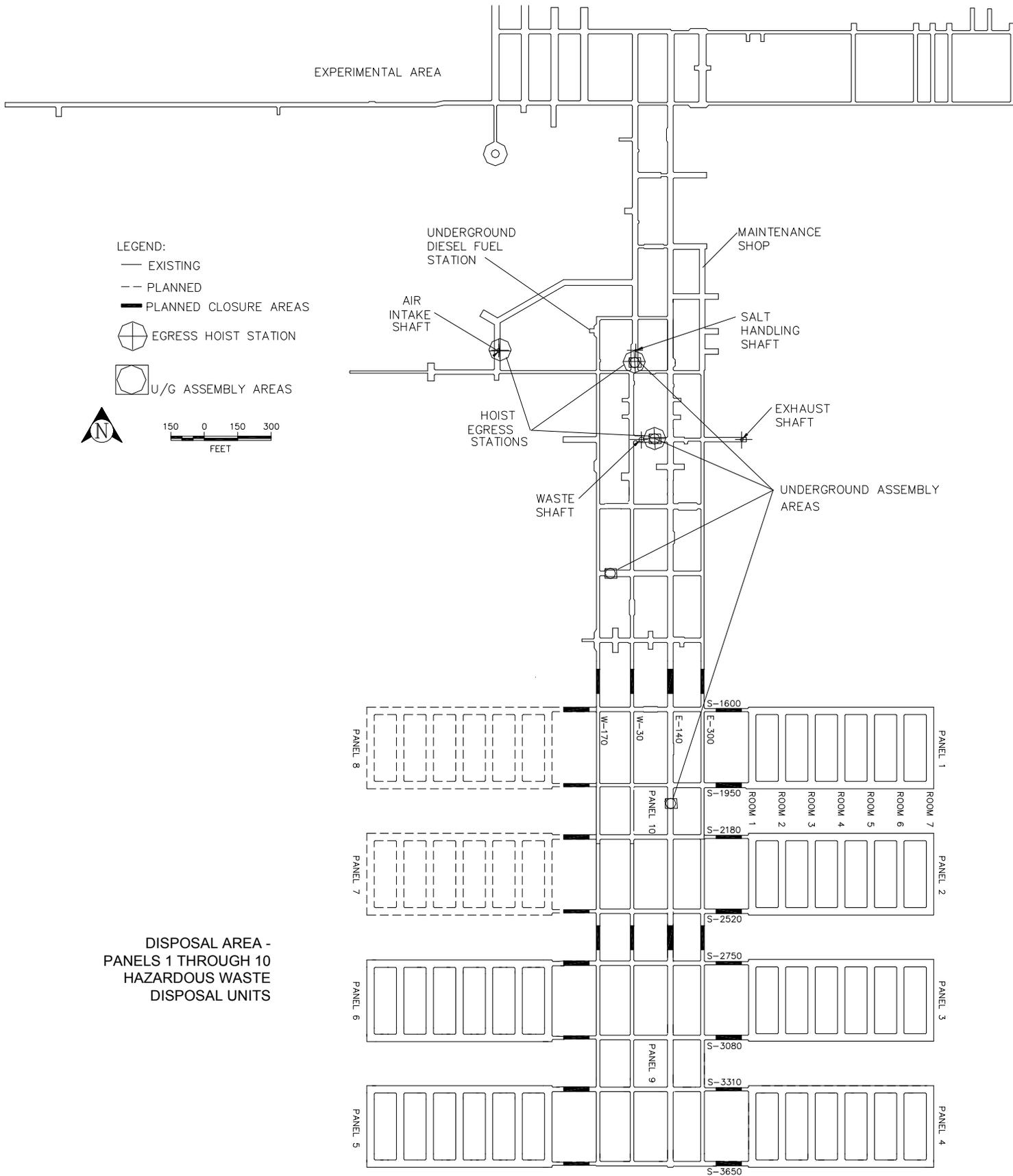


Figure F-9
Designated Underground Assembly Areas

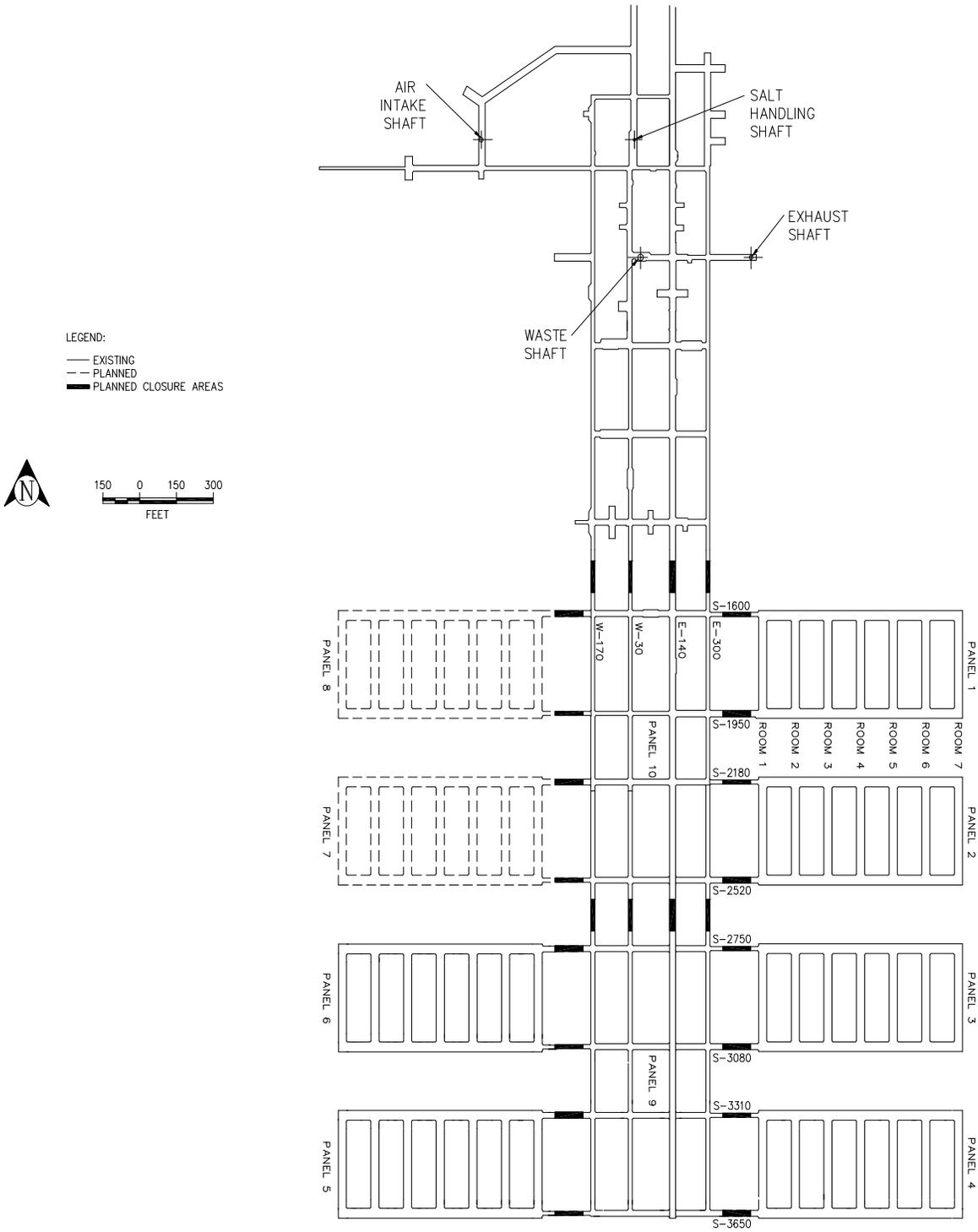


Figure I-1
Location of Underground HWDUs and Anticipated Closure Locations

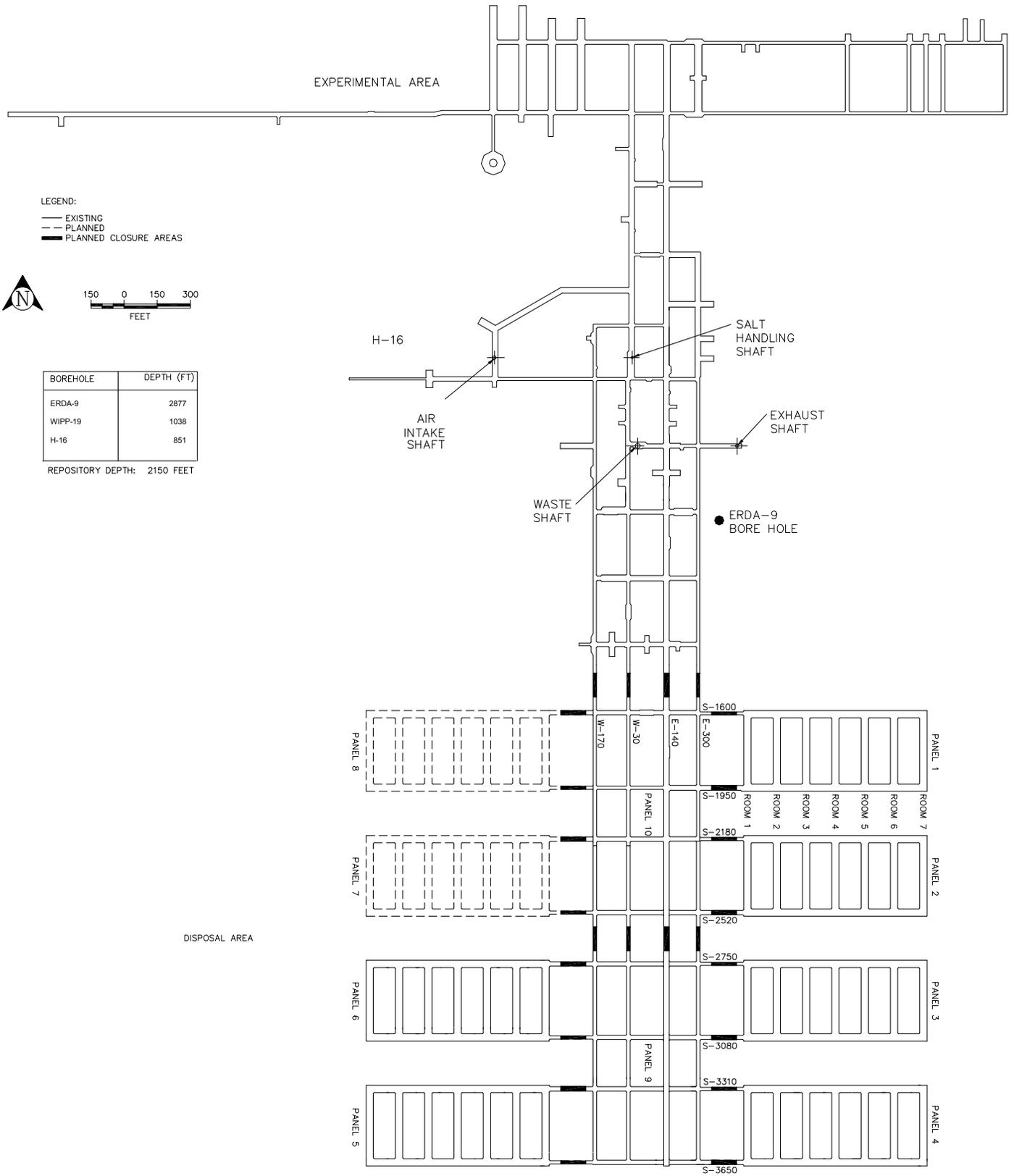


Figure I-6
Approximate Location of Boreholes in Relation to the WIPP Underground

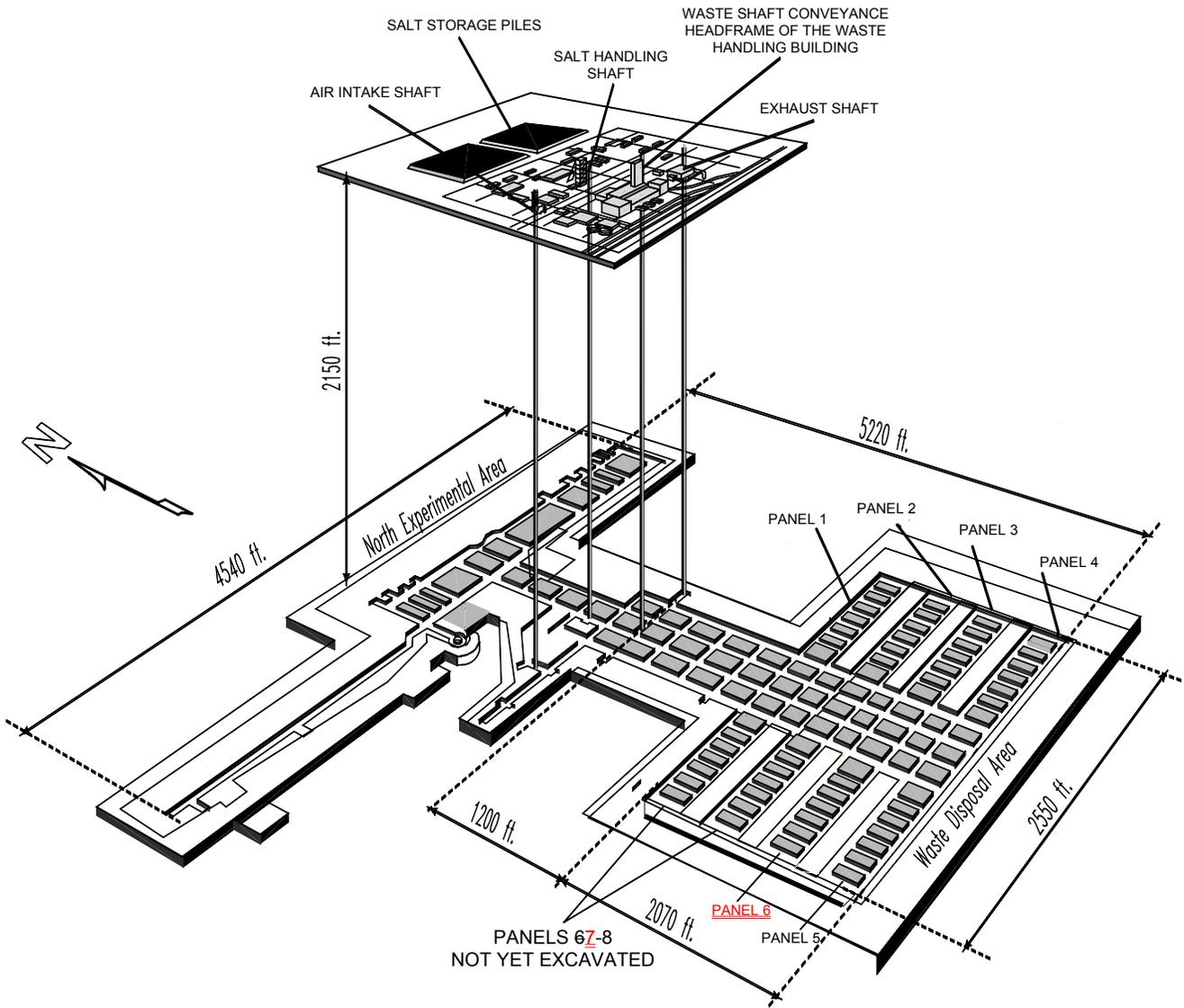


Figure I2-1
View of the WIPP Underground Facility

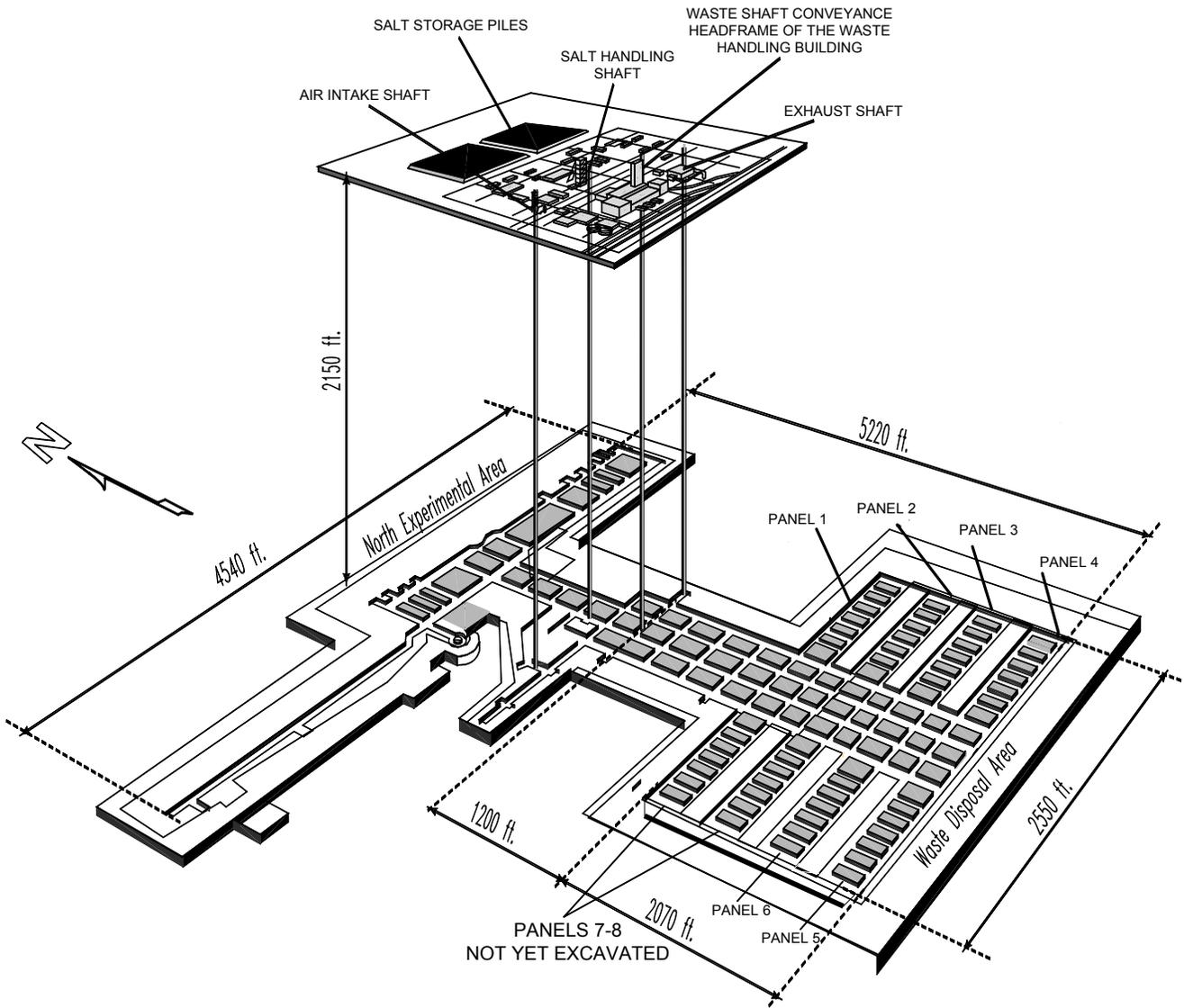


Figure I2-1
View of the WIPP Underground Facility

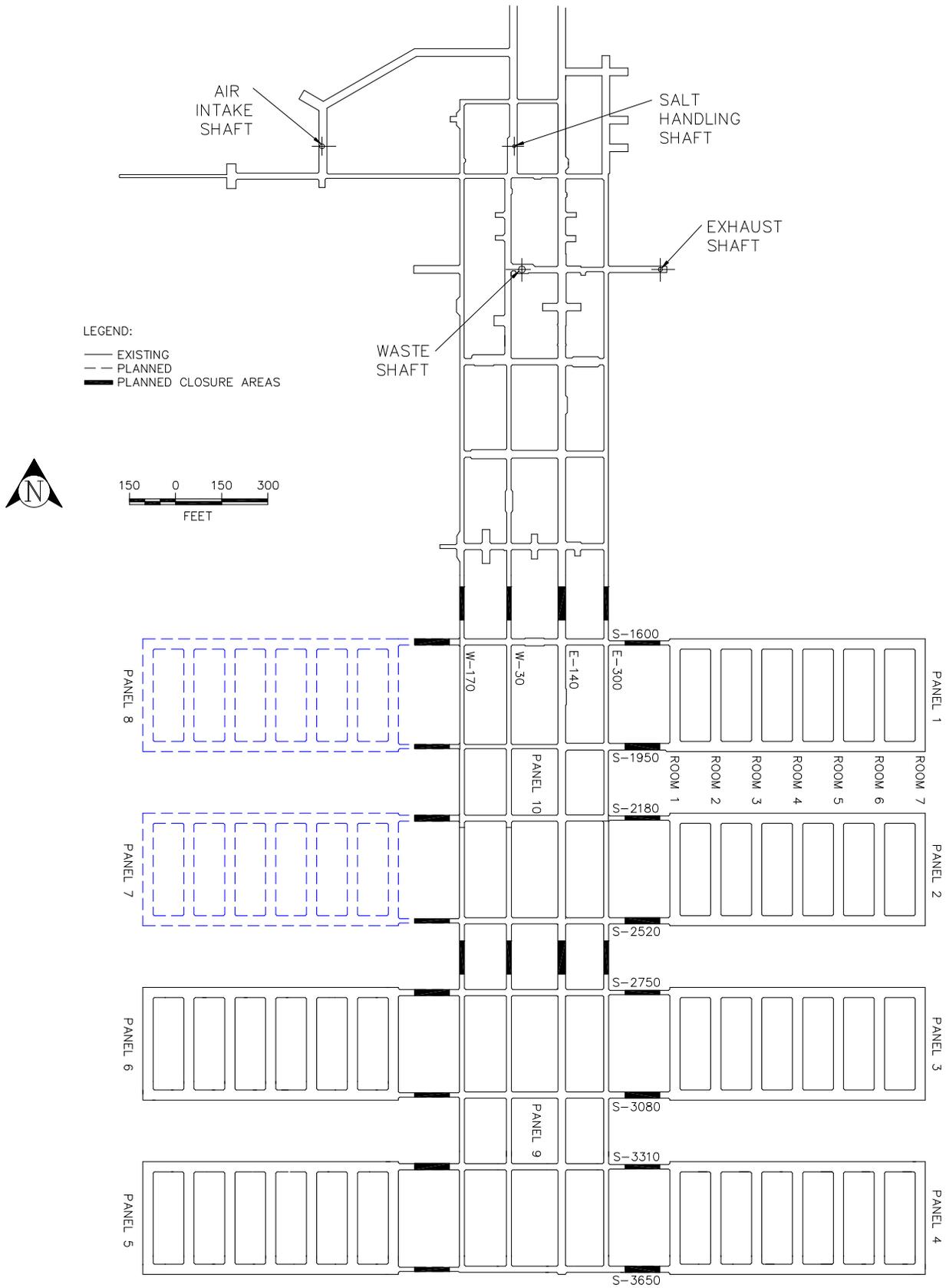
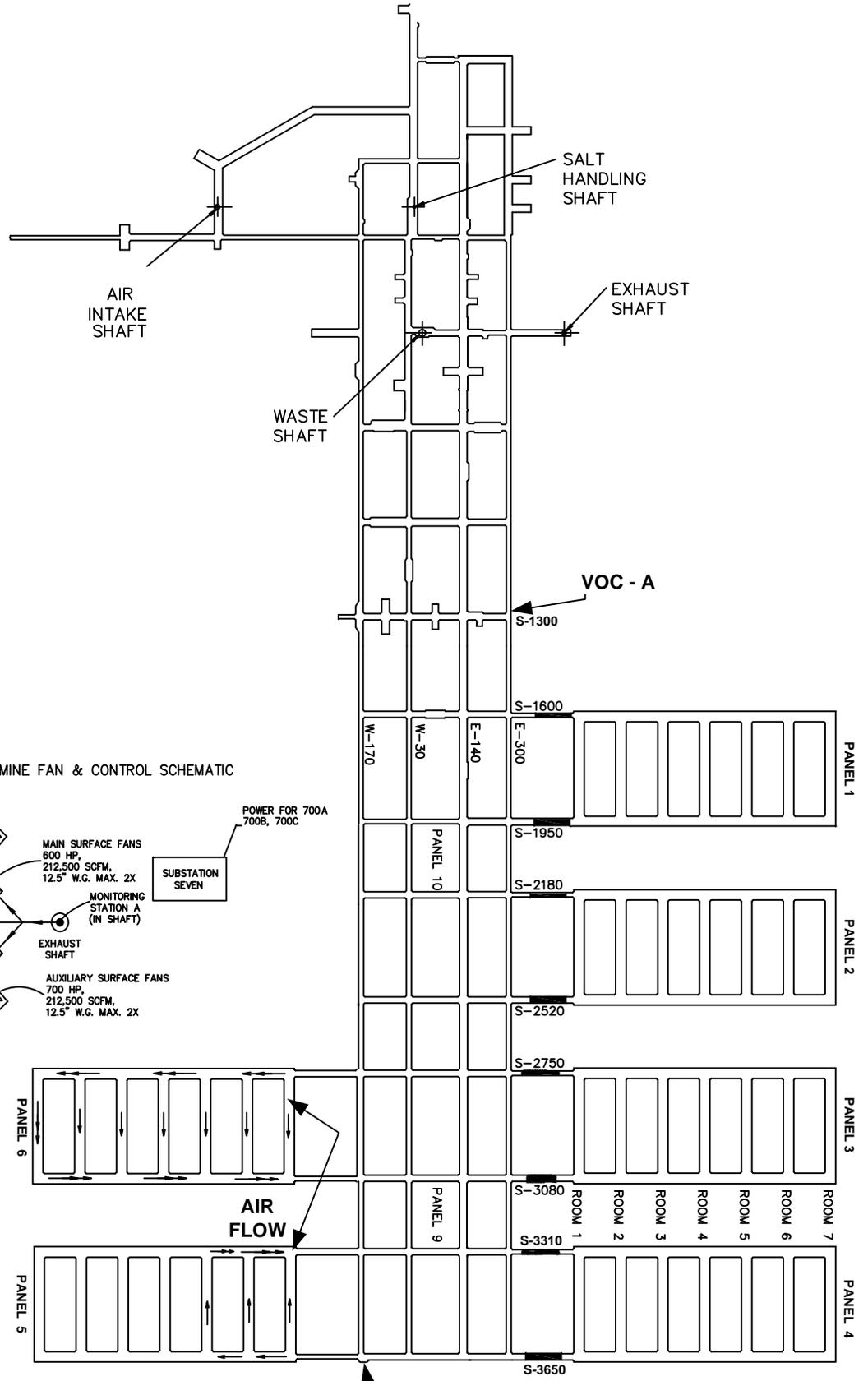


Figure M2-1
Repository Horizon



SURFACE LOCATED PRIMARY MINE FAN & CONTROL SCHEMATIC

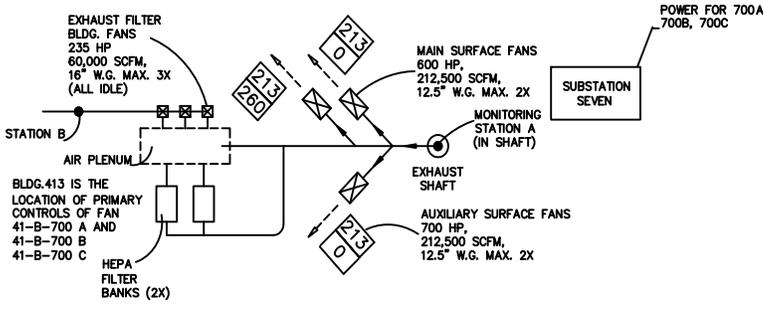
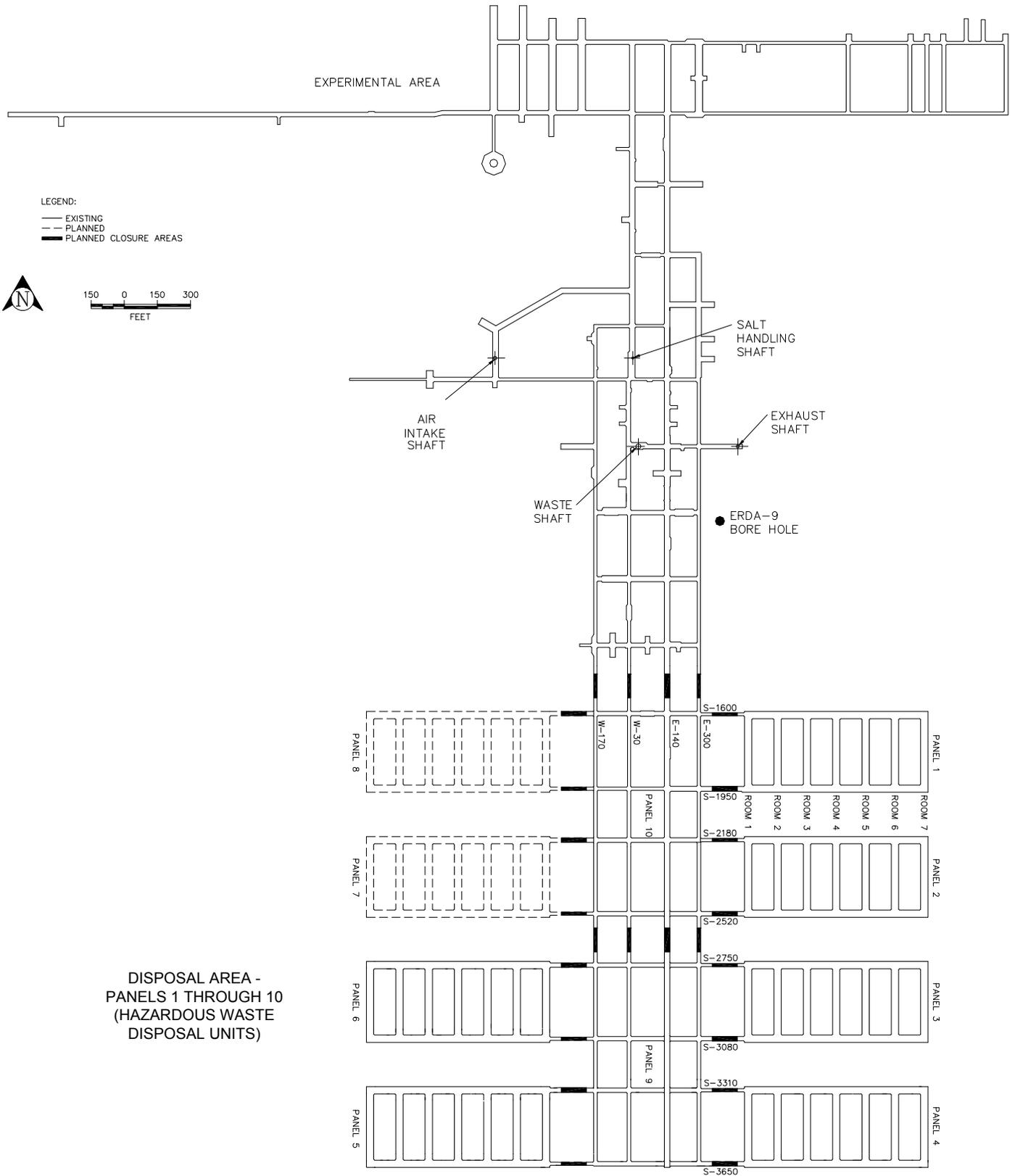


Figure N-1
Panel Flow Area



LEGEND:
 — EXISTING
 - - PLANNED
 █ PLANNED CLOSURE AREAS



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

Figure O3-2
 Repository Horizon