

1
2
3
4

RENEWAL APPLICATION
APPENDIX 1
ACTIVE ENVIRONMENTAL PERMITS

1

(This page intentionally blank)

1
2

Active Environmental Permits

Table Part A-1 - Active Environmental Permits for the Waste Isolation Pilot Plant - Calendar Year 2007

	Granting Agency	Type of Permit	Permit Number	Granted	Expiration
1	Department of the Interior, Bureau of Land Management	Right-of-Way for Water Pipeline	NM53809	8/17/83	None
2	Department of the Interior, Bureau of Land Management	Right-of-Way for the North Access Road	NM55676	8/24/83	None
3	Department of the Interior, Bureau of Land Management	Right-of-Way for Railroad	NM55699	9/27/83	None
4	Department of the Interior, Bureau of Land Management	Right-of-Way for Dosimetry and Aerosol Sampling Sites	NM63136	7/31/86	7/31/11
5	Department of the Interior, Bureau of Land Management	Right-of-Way for Seven Subsidence Monuments	NM65801	11/7/86	None
6	Department of the Interior, Bureau of Land Management	Right-of-Way for Aerosol Sampling Site	NM77921	8/18/89	8/18/19
7	Department of the Interior, Bureau of Land Management	Right-of-Way for 2 Survey Monuments	NM82245	12/13/89	12/13/19
8	Department of the Interior, Bureau of Land Management	Right-of-Way for telephone cable	NM46092	7/3/90	9/4/11
9	Department of the Interior, Bureau of Land Management	Right-of-Way for Valor Telecon	NM113339	8/9/05	12/31/34
10	Department of the Interior, Bureau of Land Management	Right-of-Way for SPS Powerline	NM43203	2/20/96	10/19/11
11	Department of the Interior, Bureau of Land Management	Right-of-Way for South Access Road	NM46130	8/17/81	8/17/31

Table Part A-1 - Active Environmental Permits for the Waste Isolation Pilot Plant - Calendar Year 2007

	Granting Agency	Type of Permit	Permit Number	Granted	Expiration
12	Department of the Interior, Bureau of Land Management	Right-of-Way for South Access Road Fence	NM94304	3/15/95	none
13	Department of the Interior, Bureau of Land Management	Right-of-Way for Duval telephone line	NM60174	11/6/96	3/8/15
14	Department of the Interior, Bureau of Land Management	Right-of-Way for Wells AEC-7 & AEC-8	NM108365	8/30/02	8/30/32
15	Department of the Interior, Bureau of Land Management	Right-of-Way for ERDA-6	NM108365	8/30/02	8/30/32
16	Department of the Interior, Bureau of Land Management	Right-of-Way for Monitoring Well C-2756 (P-18)	NM108365	8/30/02	8/30/32
17	Department of the Interior, Bureau of Land Management	Right-of-way for Monitoring Well C-2664 (Cabin Baby)	NM107944	4/23/02	4/23/32
18	Department of the Interior, Bureau of Land Management	Right-of-Way for Seismic Monitoring Station	NM85426	9/23/91	None
19	Department of the Interior, Bureau of Land Management	Right-of-Way for Wells C-2725 (H-4A), C-2775 (H-4B), & C-2776 (H-4C)	NM108365	8/30/02	8/30/32
20	Department of the Interior, Bureau of Land Management	Right-of-Way for Monitoring Wells C-2723 (WIPP-25), C-2724 (WIPP-26), C-2722 (WIPP-27), C-2636 (WIPP-28), C-2743 (WIPP-29), & C-2727 (WIPP-30)	NM108365	8/30/02	8/30/32
21	Department of the Interior, Bureau of Land Management	Right-of-Way for Monitoring Well WIPP-11	NM108365	9/15/04	9/20/34
22	Department of the Interior, Bureau of Land Management	Right-of-Way easement for WIPP well bore SNL-2	109174	4/15/03	4/15/33
23	Department of the Interior, Bureau of Land Management	Right-of-Way easement for WIPP well bore SNL-9	109175	4/15/03	4/15/33

Table Part A-1 - Active Environmental Permits for the Waste Isolation Pilot Plant - Calendar Year 2007

	Granting Agency	Type of Permit	Permit Number	Granted	Expiration
24	Department of the Interior, Bureau of Land Management	Right-of-Way easement for WIPP well bore SNL-12	109176	4/15/03	4/15/33
25	Department of the Interior, Bureau of Land Management	Right-of-Way easement for WIPP well bore SNL-1 and access road	109177	6/17/03	6/17/33
26	Department of the Interior, Bureau of Land Management	Right-of-Way easement for WIPP well bore SNL-11 and access road	110735	10/16/03	10/16/33
27	Department of the Interior, Bureau of Land Management	Right-of-Way easement for WIPP well bore SNL-5 and access road	110735	10/16/03	10/16/33
28	Department of the Interior, Bureau of Land Management	Right-of-Way grant for SNL-16 and 17	NM108365	12/21/05	8/30/32
29	Department of the Interior, Bureau of Land Management	Right-of-Way grant for SNL-18 and 10	NM115315	3/21/06	12/31/35
30	Department of the Interior, Bureau of Land Management	Right-of-way reservation amendment for SNL13 and SNL-14	NM108365	1/25/05	8/30/32
31	Department of the Interior, Bureau of Land Management	Right-of-way reservation amendment for SNL6, SNL-8, and SNL-15	NM108365	3/15/05	8/30/32
32	Department of the Interior, Bureau of Land Management	Right-of-way for 20 radiological stations, 2 aerosol samplers, and 2 weather monitor site.	NM063136	7/3/86	7/2/11
33	U.S. Department of the Interior, Fish and Wildlife Service	Concurrence that WIPP construction activities will have no significant impact on federally-listed threatened or endangered species	None	5/29/80	None
34	New Mexico Commissioner of Public Lands	Right-of-Way for High Volume Air Sampler	RW-22789	10/3/85	10/3/20

Table Part A-1 - Active Environmental Permits for the Waste Isolation Pilot Plant - Calendar Year 2007

	Granting Agency	Type of Permit	Permit Number	Granted	Expiration
35	New Mexico Commissioner of Public Lands	Monitoring Well SNL-3	RW-28537	7/31/03	7/31/38
36	New Mexico Commissioner of Public Lands	Monitoring Well SNL-1	RW-28535	8/27/03	8/27/38
37	New Mexico Commissioner of Public Lands	Right-of-Way Easement for Accessing State Trust Lands in Eddy & Lea Counties	RW-25430	9/28/04	9/28/14
38	New Mexico Environment Department Air Quality Bureau	Operating Permit for two backup diesel generators	310-M-2	12/7/93	None
39	New Mexico Department of Game and Fish	Concurrence that WIPP construction activities will have no significant impact on state-listed threatened or endangered species	None	5/26/89	None
40	New Mexico Environment Department-UST Bureau	Underground Storage Tanks	Facility No. 31539	7/1/07	6/30/09
41	New Mexico State Engineer Office	Monitoring Well Exhaust Shaft Exploratory Borehole	C-2801	2/23/01	None
42	New Mexico State Engineer Office	Monitoring Well	C-2811	3/2/02	None
43	New Mexico State Engineer Office	Monitoring Well Exhaust Shaft Exploratory Borehole	C-2802	2/23/01	None
44	New Mexico State Engineer Office	Monitoring Well Exhaust Shaft Exploratory Borehole	C-2803	2/23/01	None
45	New Mexico State Engineer Office	Appropriation: WQSP-1 Well	C-2413	10/21/96	None
46	New Mexico State Engineer Office	Appropriation: WQSP-2 Well	C-2414	10/21/96	None
47	New Mexico State Engineer Office	Appropriation: WQSP-3 Well	C-2415	10/21/96	None

Table Part A-1 - Active Environmental Permits for the Waste Isolation Pilot Plant - Calendar Year 2007

	Granting Agency	Type of Permit	Permit Number	Granted	Expiration
48	New Mexico State Engineer Office	Appropriation: WQSP-4 Well	C-2416	10/21/96	None
49	New Mexico State Engineer Office	Appropriation: WQSP-5 Well	C-2417	10/21/96	None
50	New Mexico State Engineer Office	Appropriation: WQSP-6 Well	C-2418	10/21/96	None
51	New Mexico State Engineer Office	Appropriation: WQSP-6a Well	C-2419	10/21/96	None
52	New Mexico State Engineer Office	Monitoring Well AEC-7	C-2742	11/6/00	None
53	New Mexico State Engineer Office	Monitoring Well AEC-8	C-2744	11/6/00	None
54	New Mexico State Engineer Office	Monitoring Well Cabin Baby	C-2664	7/30/99	None
55	New Mexico State Engineer Office	Monitoring Well DOE-1	C-2757	11/6/00	None
56	New Mexico State Engineer Office	Monitoring Well DOE-2	C-2682	4/17/00	None
57	New Mexico State Engineer Office	Monitoring Well ERDA-9	C-2752	11/6/00	None
58	New Mexico State Engineer Office	Monitoring Well H-1	C-2765	11/6/00	None
59	New Mexico State Engineer Office	Monitoring Well H-2A	C-2762	11/6/00	None
60	New Mexico State Engineer Office	Monitoring Well H-2B1	C-2758	11/6/00	None
61	New Mexico State Engineer Office	Monitoring Well H-2B2	C-2763	11/6/00	None
62	New Mexico State Engineer Office	Monitoring Well H-2C	C-2759	11/6/00	None
63	New Mexico State Engineer Office	Monitoring Well H-3B1	C-2764	11/6/00	None
64	New Mexico State Engineer Office	Monitoring Well H-3B2	C-2760	11/6/00	None
65	New Mexico State Engineer Office	Monitoring Well H-3B3	C-2761	11/6/00	None
66	New Mexico State Engineer Office	Monitoring Well H-3D	C-3207	11/6/00	None
67	New Mexico State Engineer Office	Monitoring Well H-4A	C-2725	11/6/00	None
68	New Mexico State Engineer Office	Monitoring Well H-4B	C-2775	11/6/00	None
69	New Mexico State Engineer Office	Monitoring Well H-4C	C-2776	11/6/00	None
70	New Mexico State Engineer Office	Monitoring Well H-5A	C-2746	11/6/00	None

Table Part A-1 - Active Environmental Permits for the Waste Isolation Pilot Plant - Calendar Year 2007

	Granting Agency	Type of Permit	Permit Number	Granted	Expiration
71	New Mexico State Engineer Office	Monitoring Well H-5B	C-2745	11/6/00	None
72	New Mexico State Engineer Office	Monitoring Well H-5C	C-2747	11/6/00	None
73	New Mexico State Engineer Office	Monitoring Well H-6A	C-2751	11/6/00	None
74	New Mexico State Engineer Office	Monitoring Well H-6BR	C-3362	12/27/07	None
75	New Mexico State Engineer Office	Monitoring Well H-6C	C-2750	11/6/00	None
76	New Mexico State Engineer Office	Monitoring Well H-7A	C-2694	4/17/00	None
77	New Mexico State Engineer Office	Monitoring Well H-7B1	C-2770	11/6/00	None
78	New Mexico State Engineer Office	Monitoring Well H-7B2	C-2771	11/6/00	None
79	New Mexico State Engineer Office	Monitoring Well H-7C	C-2772	11/6/00	None
80	New Mexico State Engineer Office	Monitoring Well H-8A	C-2780	11/6/00	None
81	New Mexico State Engineer Office	Monitoring Well H-8B	C-2781	11/6/00	None
82	New Mexico State Engineer Office	Monitoring Well H-8C	C-2782	11/6/00	None
83	New Mexico State Engineer Office	Monitoring Well H-9A	C-2785	11/6/00	None
84	New Mexico State Engineer Office	Monitoring Well H-9B	C-2783	11/6/00	None
85	New Mexico State Engineer Office	Monitoring Well H-9C	C-2784	11/6/00	None
86	New Mexico State Engineer Office	Monitoring Well H-10A	C-2779	11/6/00	None
87	New Mexico State Engineer Office	Monitoring Well H-10B	C-2778	11/6/00	None
88	New Mexico State Engineer Office	Monitoring Well H-10C	C-2695	4/17/00	None
89	New Mexico State Engineer Office	Monitoring Well H-11B1	C-2767	11/6/00	None
90	New Mexico State Engineer Office	Monitoring Well H-11B2	C-2687	4/17/00	None
91	New Mexico State Engineer Office	Monitoring Well H-11B3	C-2768	11/6/00	None
92	New Mexico State Engineer Office	Monitoring Well H-11B4	C-2769	11/6/00	None
93	New Mexico State Engineer Office	Monitoring Well H-12	C-2777	11/6/00	None

Table Part A-1 - Active Environmental Permits for the Waste Isolation Pilot Plant - Calendar Year 2007

	Granting Agency	Type of Permit	Permit Number	Granted	Expiration
94	New Mexico State Engineer Office	Monitoring Well H-14	C-2766	11/6/00	None
95	New Mexico State Engineer Office	Monitoring Well H-15	C-2685	4/17/00	None
96	New Mexico State Engineer Office	Monitoring Well H-15R	C-3361	12/27/07	None
97	New Mexico State Engineer Office	Monitoring Well H-16	C-2753	11/6/00	None
98	New Mexico State Engineer Office	Monitoring Well H-17	C-2773	11/6/00	None
99	New Mexico State Engineer Office	Monitoring Well H-18	C-2683	4/17/00	None
100	New Mexico State Engineer Office	Monitoring Well P-17	C-2774	11/6/00	None
101	New Mexico State Engineer Office	Monitoring Well WIPP-11	C-3365	12/27/07	None
102	New Mexico State Engineer Office	Monitoring Well WIPP-12	C-2639	1/12/99	None
103	New Mexico State Engineer Office	Monitoring Well WIPP-13	C-2748	11/6/00	None
104	New Mexico State Engineer Office	Monitoring Well WIPP-18	C-2684	4/17/00	None
105	New Mexico State Engineer Office	Monitoring Well WIPP-19	C-2755	11/6/00	None
106	New Mexico State Engineer Office	Monitoring Well WIPP-21	C-2754	11/6/00	None
107	New Mexico State Engineer Office	Monitoring Well WIPP-25	C-2723	7/26/00	None
108	New Mexico State Engineer Office	Monitoring Well WIPP-26	C-2724	11/6/00	None
109	New Mexico State Engineer Office	Monitoring Well WIPP-27	C-2722	11/6/00	None
110	New Mexico State Engineer Office	Monitoring Well WIPP-28	C-2636	1/12/99	None
111	New Mexico State Engineer Office	Monitoring Well WIPP-29	C-2743	11/6/00	None
112	New Mexico State Engineer Office	Monitoring Well WIPP-30	C-2727	8/4/00	None
113	New Mexico State Engineer Office	Monitoring Well SNL-2	C-2948	2/14/03	None
114	New Mexico State Engineer Office	Monitoring Well SNL-9	C-2950	2/14/03	None
115	New Mexico State Engineer Office	Monitoring Well SNL-12	C-2954	2/25/03	None
116	New Mexico State Engineer Office	Monitoring Well SNL-1	C-2953	2/25/03	None

Table Part A-1 - Active Environmental Permits for the Waste Isolation Pilot Plant - Calendar Year 2007

	Granting Agency	Type of Permit	Permit Number	Granted	Expiration
117	New Mexico State Engineer Office	Monitoring Well SNL-3	C-2949	2/14/03	None
118	New Mexico State Engineer Office	Monitoring Well WTS-4	C-2960	3/18/03	None
119	New Mexico State Engineer Office	Monitoring Well SNL-5	C-3002	10/1/03	None
120	New Mexico State Engineer Office	Monitoring Well IMC-461	C-3015	11/25/03	None
121	New Mexico State Engineer Office	Monitoring Well SNL-11	C-3003	10/1/03	None
122	New Mexico State Engineer Office	Monitoring Well SNL10	C03221	7/26/05	None
123	New Mexico State Engineer Office	Monitoring Well SNL16	C03220	7/26/05	None
124	New Mexico State Engineer Office	Monitoring Well SNL17	C03222	7/26/05	None
125	US Environmental Protection Agency Region 6	Conditions of Approval for Disposal of PCB/TRU and PCB/TRU Mixed Waste at the US Department of Energy (DOE) Waste Isolation Pilot Plant (WIPP) Carlsbad, New Mexico	NA	4/30/08	4/30/13
126	US Fish and Wildlife Service	Migratory Bird Special Purpose-Relocate	MB155189-0	7/10/07	3/31/09 Extended until action by USFWS.
127	New Mexico Environment Department	Groundwater Quality Bureau Permit	DP-831	9/9/08	9/9/13

1

1
2
3
4
5

**RENEWAL APPLICATION
APPENDIX 2**

MAPS

1

(This page intentionally blank)

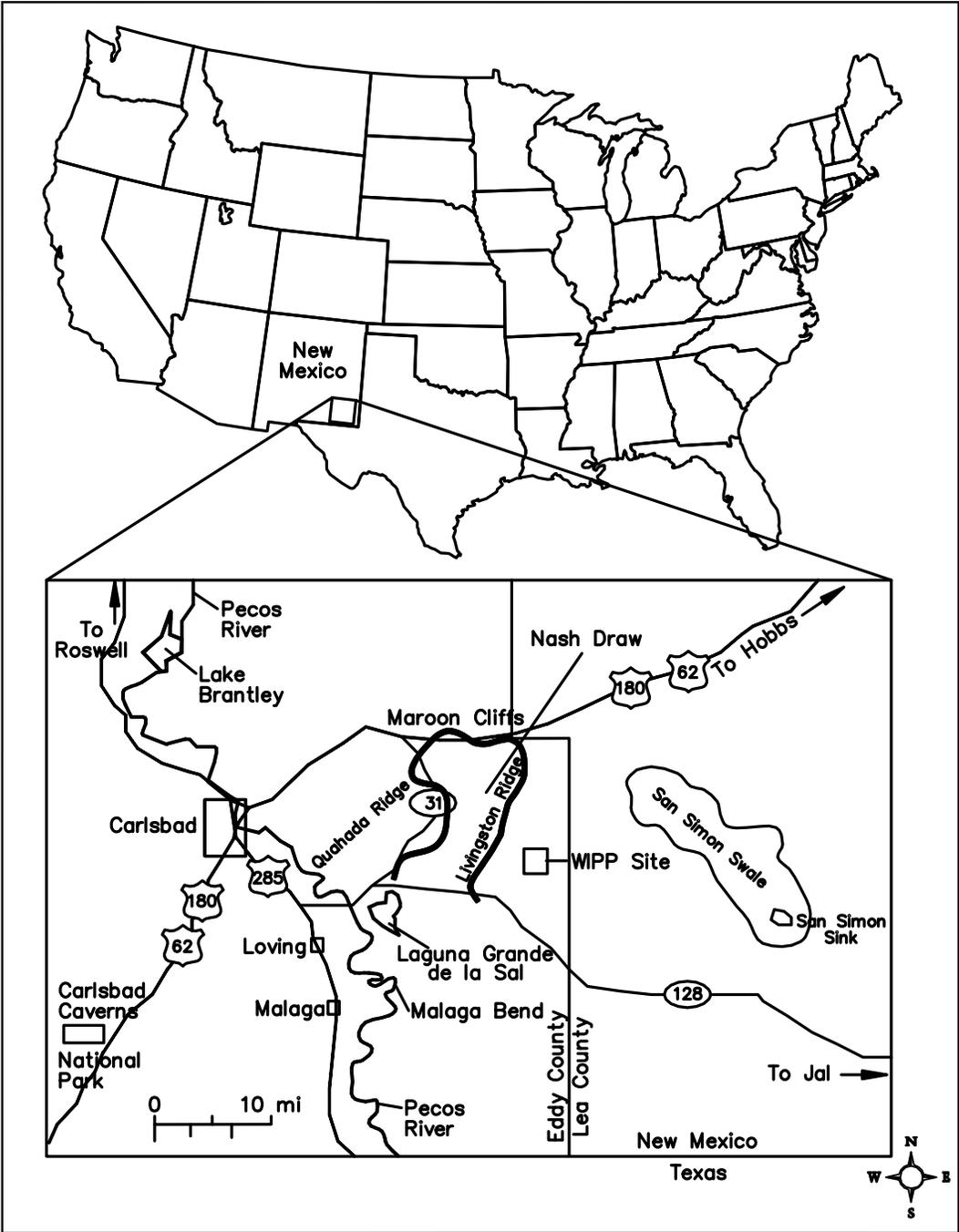
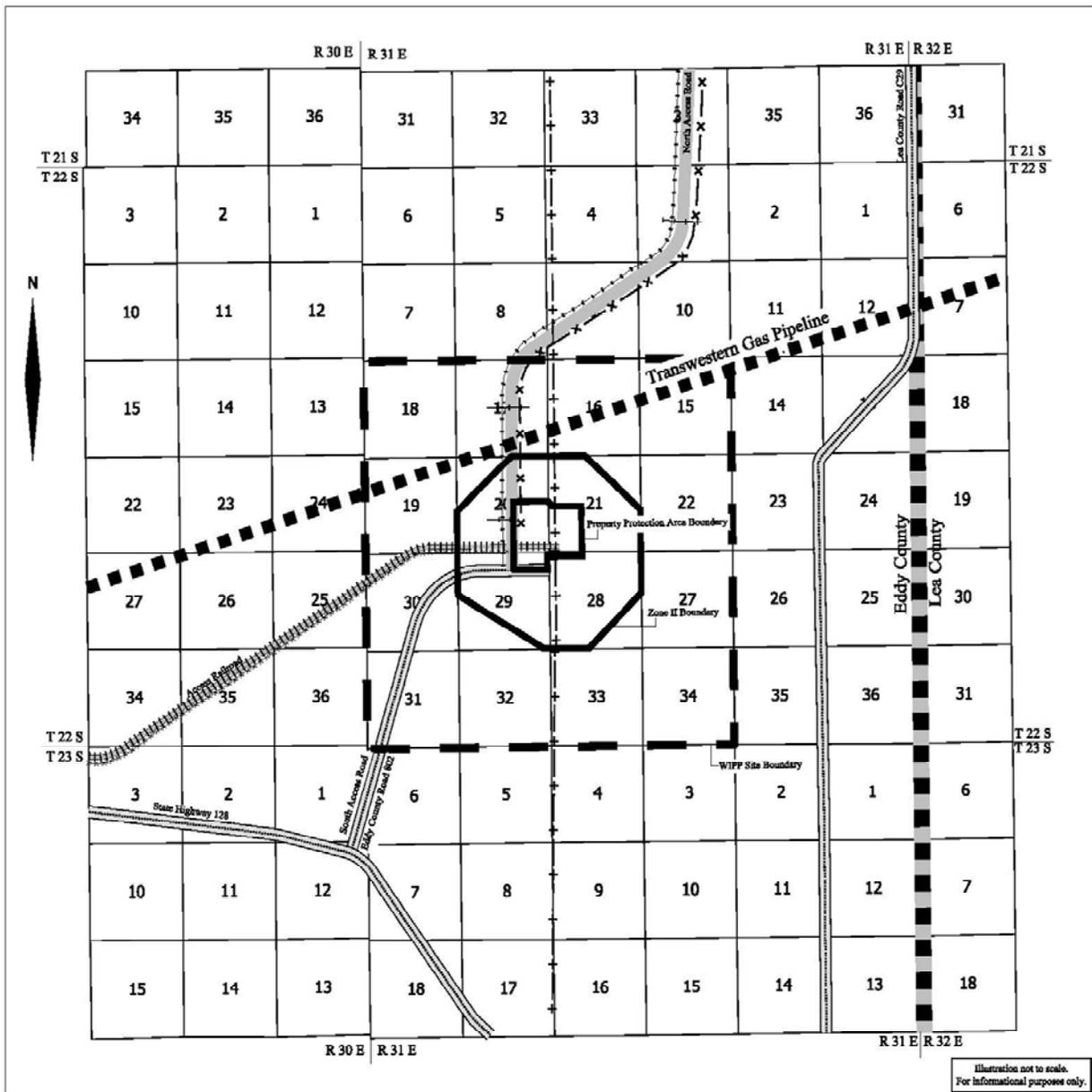


Figure 2-1
General Location of the WIPP Facility

1
2
3

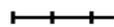


1
2
3

Figure 2-2
 Planimetric Map – WIPP Facility Boundaries

1

LEGEND

	WIPP Site Boundary 10, 240 acres.
	U. S. DOE right of way number NM-53809. for waterline, 50 feet wide. The DOE has agreed with the City of Carlsbad to allow individuals to tap this line within the North Access Road right-of-way.
	Stock water tanks and tap lines connected to the main WIPP waterline.
	Excel Energy right-of-way number NM-43203 for power 60 feet wide.
	Windstream Communications right-of-way for telephone lien, 30 feet wide. Located within the North Access Road right-of-way.
	Windstream Communications right-of-way NM-60174 for telephone line, 30 feet wide, located within the railroad right-of-way.
	U.S. DOE right-of-way Number NM-55675 for North Access Road, 170 feet wide
	Transwestern Pipeline Company right-of-way for gas pipeline, 30 feet wide in Section 16, 50 feet wide elsewhere.
	U.S. DOE right-of-way Number NM-55699 for Access Railroad, 150 feet wide.
	Eddy County right-of-way for access roads includes Right of Way Number NM-4130 for the South Access Road which is 150 feet wide.

2

NOTES

3

1. The Property Protection Area is a fenced area of approximately 35 acres. It contains most surface facilities with the exception of salt storage piles, parking lot, construction landfill, and waste water stabilization lagoons.

4

5

6

2. Zone II overlies the maximum extent of the area available for underground development.

7

8

3. WIPP site boundary (WSB) provides a one-mile buffer around the area available for underground development.

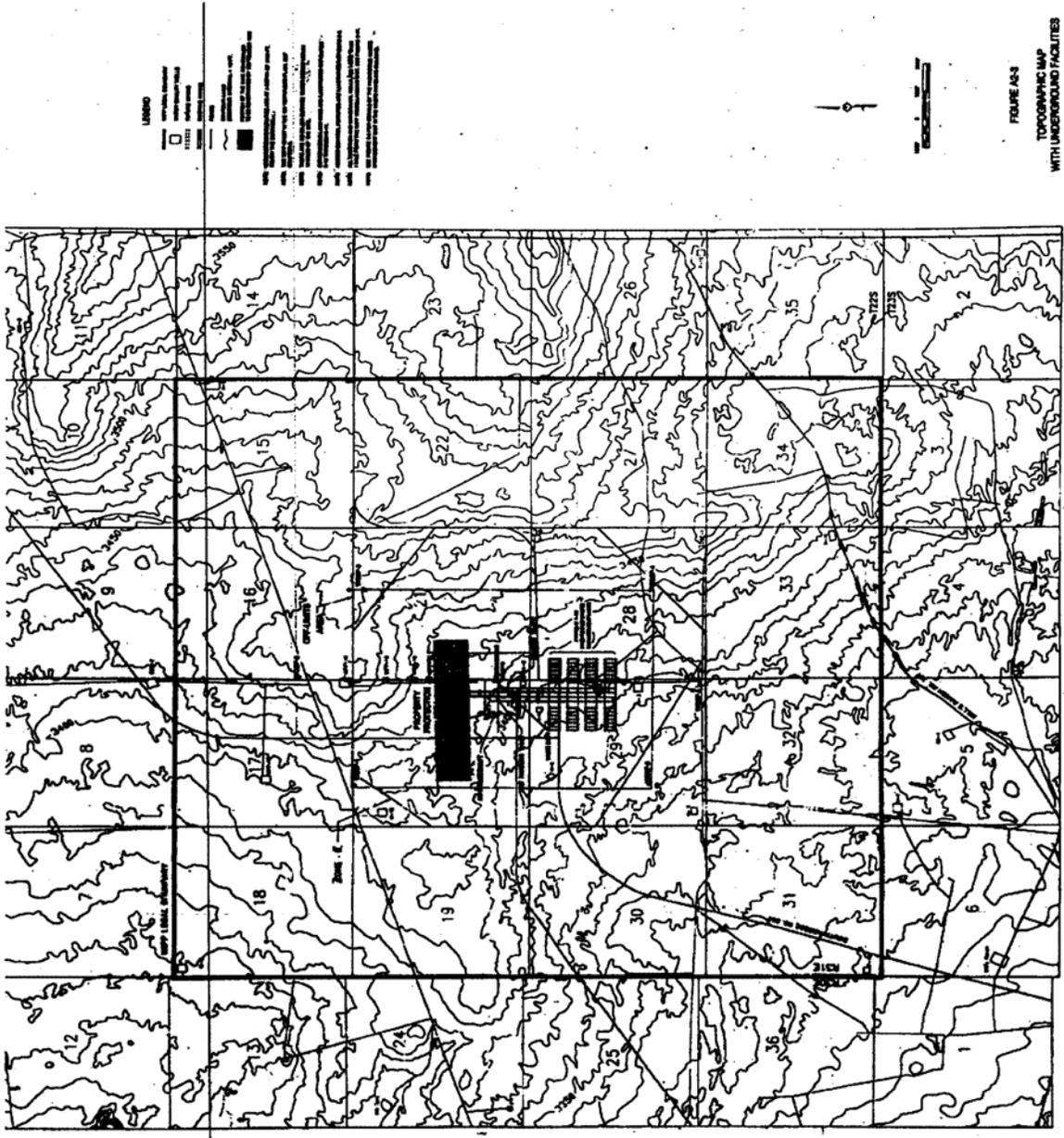
9

10

Figure 2-2a

11

Legend to Figure 2-2



1
2
3
4

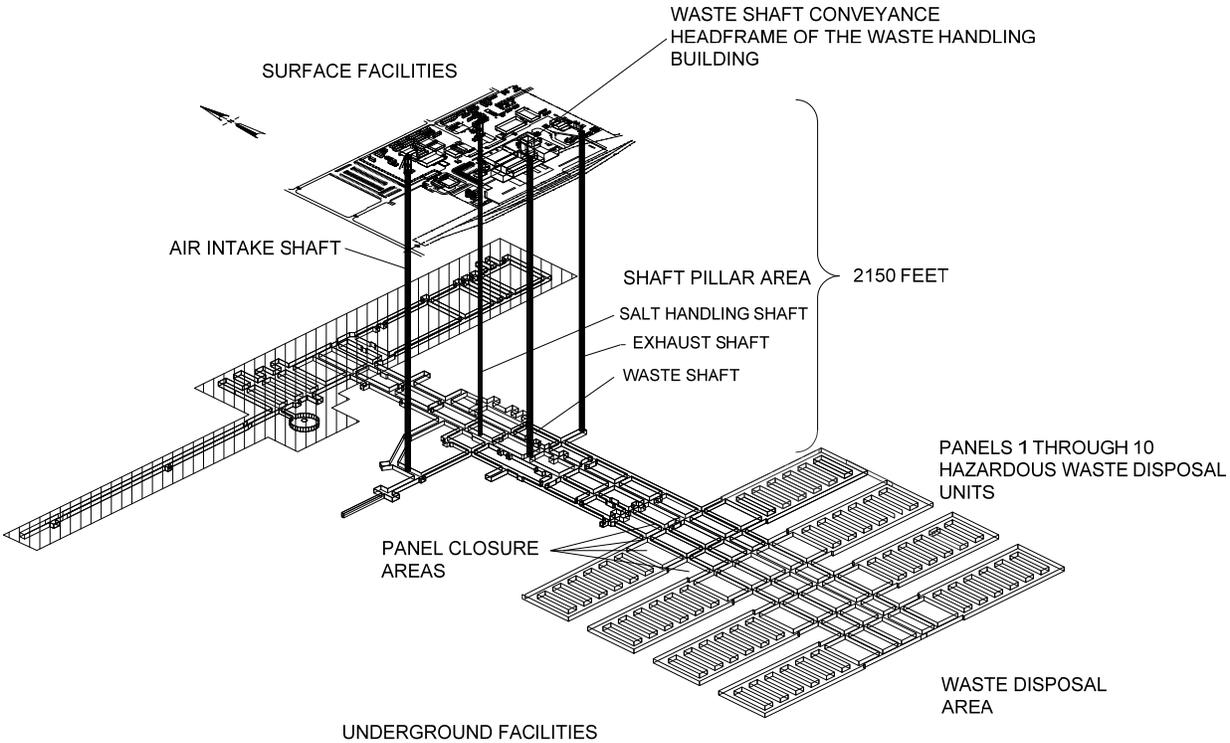
Figure 2-3
Topographical Map Designating WIPP Property Boundaries and Underground

1
2
3
4

RENEWAL APPLICATION
APPENDIX 3
FACILITIES

1

(This page intentionally blank)



1
2
3
4

Figure 3-1
Spatial View of the Miscellaneous Unit and Waste Handling Facility

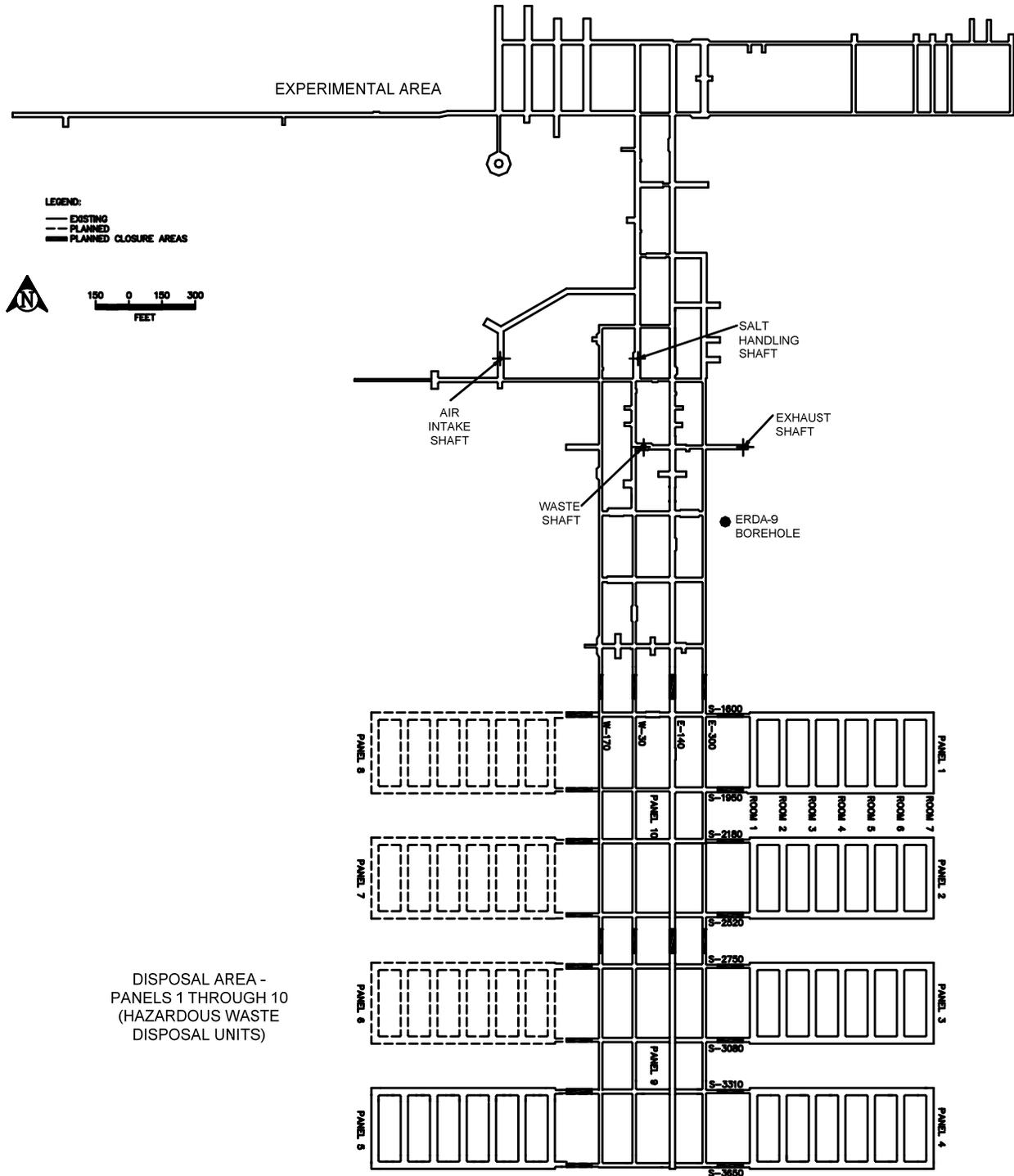


Figure 3-2
 Repository Horizon

1
 2
 3
 4

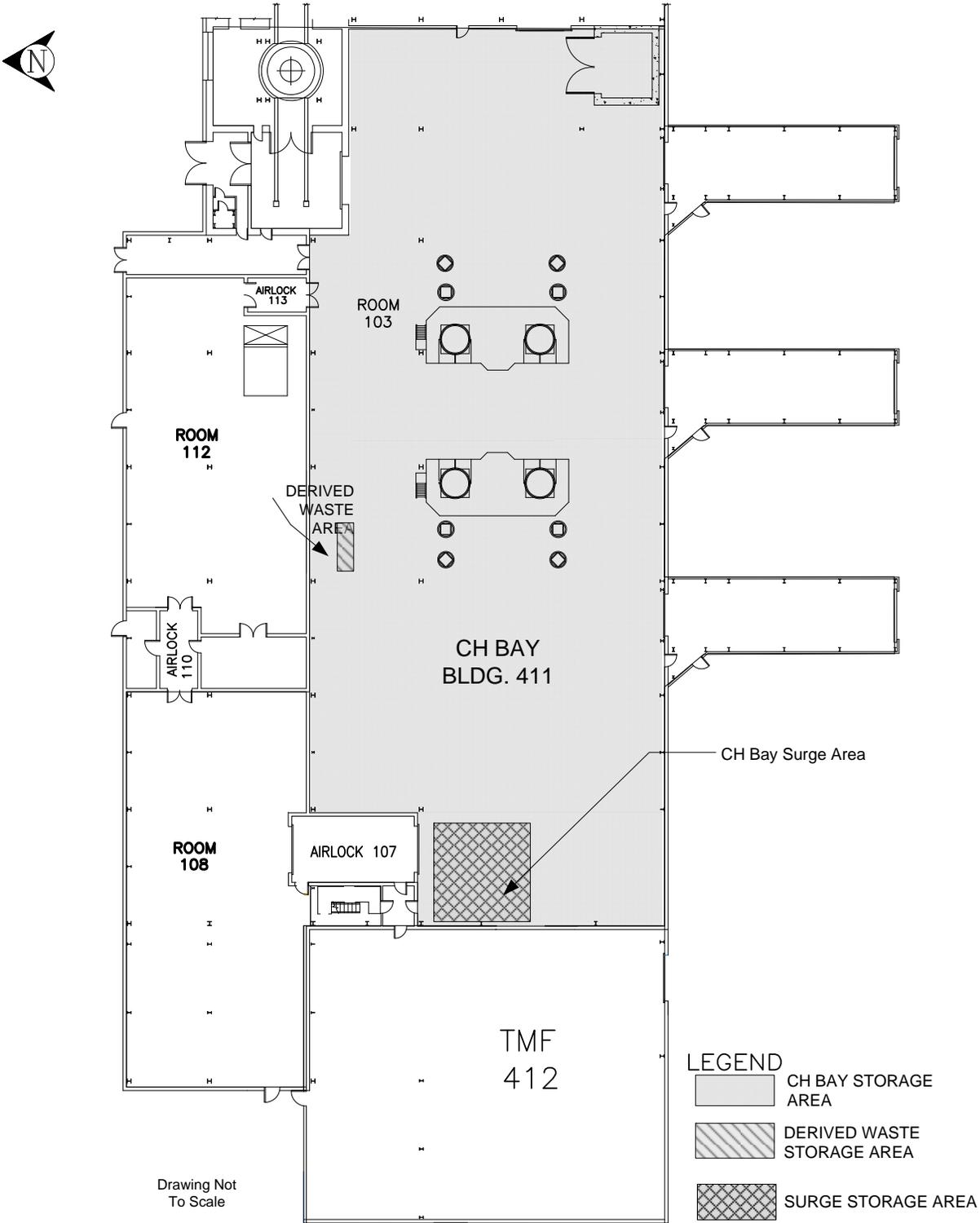
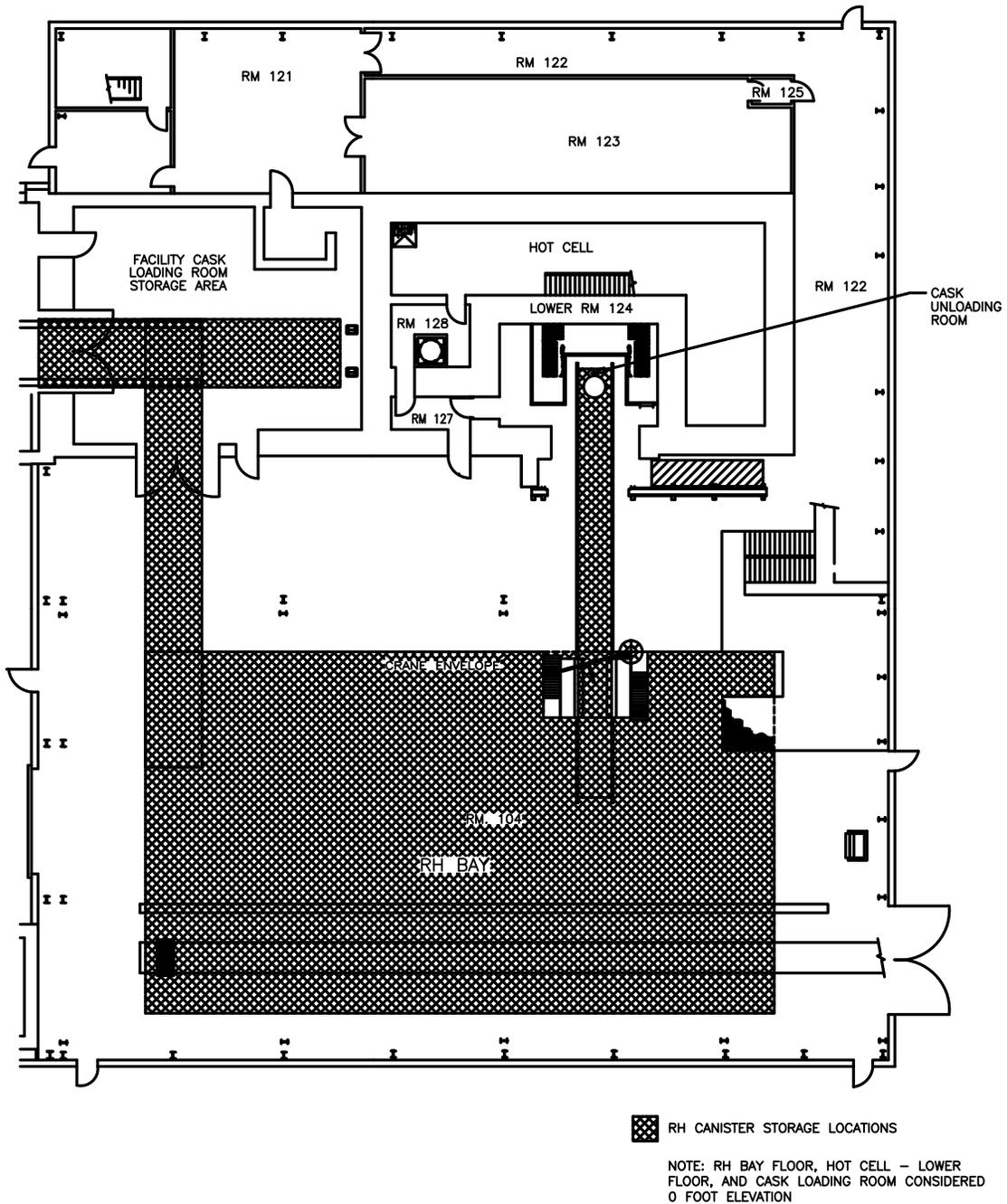


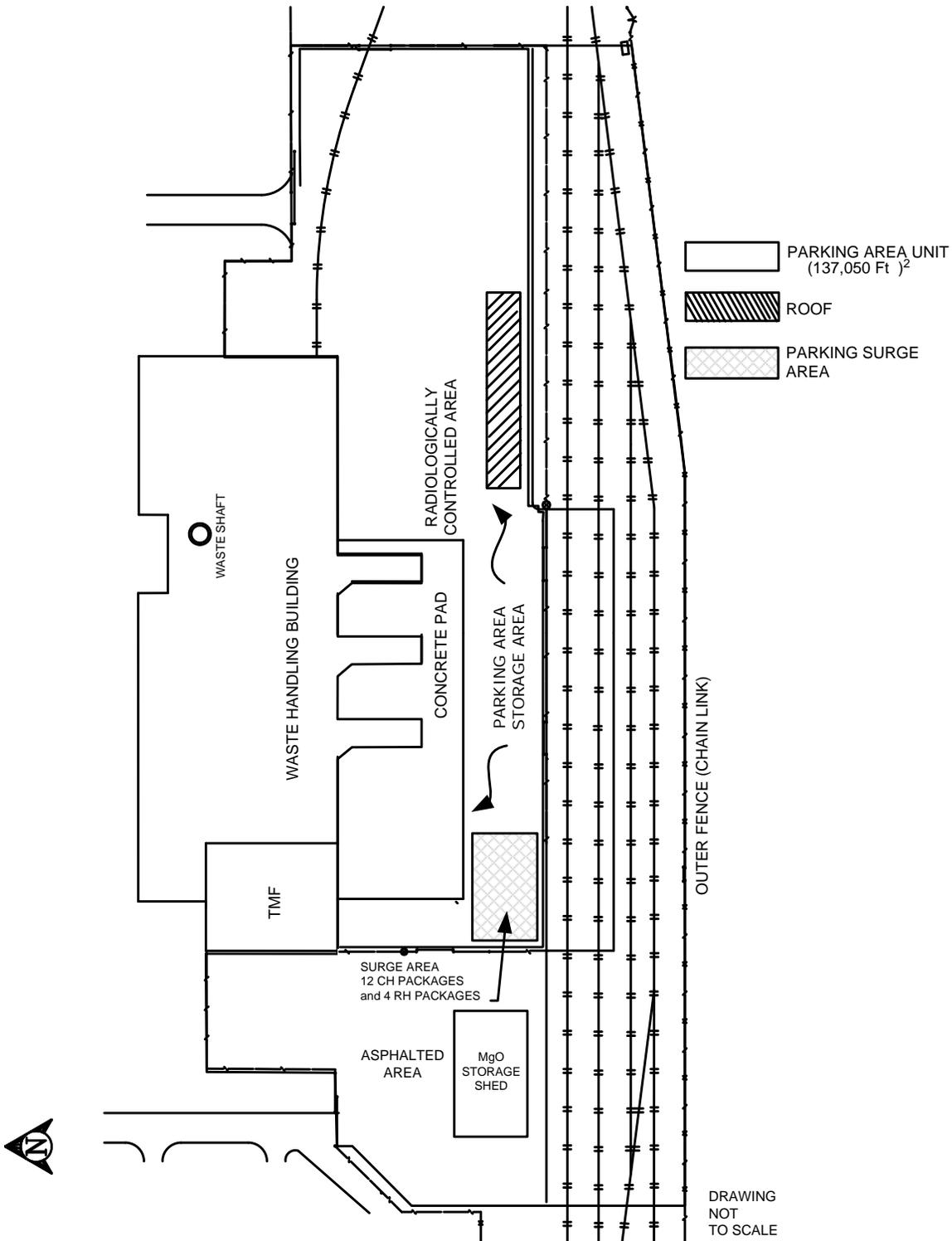
Figure 3-3
 Waste Handling Building – CH TRU Mixed Waste Container Storage and Surge Areas

1
 2
 3
 4



1
2
3
4

Figure 3-3a
 Waste Handling Building – RH TRU Mixed Waste Container Storage



1
2
3
4

Figure 3-4
 Parking Area – Container Storage and Surge Areas

1

(This page intentionally blank)