# ATTACHMENT N FIGURES

#### **List of Figures for Permit**

- Figure 1: LANL Regional Location Map
- Figure 2: LANL Facility Boundary and Technical Area (TA)-Specific Map
- Figure 3: LANL Facility Boundary with Detail of Non-LANL Areas
- Figure 4: TA-3 Security Fences, Entry Gates, and Entry Stations
- Figure 5: Reserved
- Figure 6: TA-50 Security Fences, Entry Gates, and Entry Stations
- Figure 7: TA-54, Area L, Security Fences, Entry Gates, and Entry Stations
- Figure 8: TA-54, Area G, Security Fences, Entry Gates, and Entry Stations
- Figure 9: TA-54 West Security Fences, Entry Gates, and Entry Stations
- Figure 10: TA-55 Security Fences, Entry Gates, and Entry Stations
- Figure 11: TA-3 Location Map
- Figure 12: TA-3, Building 29, Location Map
- Figure 13: TA-3 Building 29, Container Storage Unit, Portion of Room 9010
- Figure 14: TA-3, Building 29, Room 9020
- Figure 15: TA-3, Building 29, Room 9030
- Figure 16: Reserved
- Figure 17: Reserved
- Figure 18: Reserved
- Figure 19: Reserved
- Figure 20: Reserved
- Figure 21: Reserved
- Figure 22: TA-50 Location Map
- Figure 23: TA-50 Building 69, Indoor & Outdoor Units
- Figure 24: TA-54 Location Map
- Figure 25: TA-54, Areas G, H, L, and TA-54 West Location Map
- Figure 26: TA-54, Area L, Container Storage Units
- Figure 27: TA-54, Area G, Container Storage Units
- Figure 28: TA-54 Area G, Pad 9 (TWISP Domes 229, 230, 231, & 232)
- Figure 29: TA-54, Area G, Pad 1 (Dome 226 & Bldg 54-412 (DVRS))
- Figure 30: TA-54, Area G, Pad 3 (Dome 48)
- Figure 31: TA-54, Area G, Pad 10
- Figure 32: TA-54, Area G, Pad 5 (Domes 49 and 224; and Storage Sheds 144, 145, 146, 177,
- 1027, 1028, 1029, and 1041)
- Figure 33: TA-54, Area G, Pad 6 (Domes 153 & 283)
- Figure 34: TA-54, Area G, Storage Shed 8
- Figure 35: TA-54, Area G, Building 33
- Figure 36: TA-54, Area G, Pad 11 (Dome 375)
- Figure 37: TA-54 West, Building 38 (High Bay and Low Bay) and Outdoor Pad
- Figure 38: TA-55 Location Map
- Figure 39: TA-55, Building 4, Location Map
- Figure 40: TA-55, Building 4, Room B40– UCNI
- Figure 41: TA-55, Building 4, Room K13– UCNI
- Figure 42: TA-55, Building 4, Room B05– UCNI
- Figure 43: TA-55, Building 4, Room B45 UCNI
- Figure 44: TA-55, Building 4, Vault– UCNI

Figure 45: TA-55, Building 4, Outdoor Container Storage Pad

Figure 46: TA-55, Building 185

Figure 47: TA-55, Building 4, Room 401, Storage Tank System Process Flow Diagram

Figure 48: TA-55, Building 4, Room 401, Cementation Unit Process Flow Diagram

Figure 49: Emergency Facilities at Los Alamos National Laboratory

Figure 50: TA-54, MDA H

Figure 51: Reserved

Figure 52: Reserved

Figure 53: Reserved

Figure 54: TA-63 Location Map

Figure 55: TA- 63 Transuranic Waste Facility

Figure 56: Transuranic Waste Facility Subsurface Vapor Monitoring Network

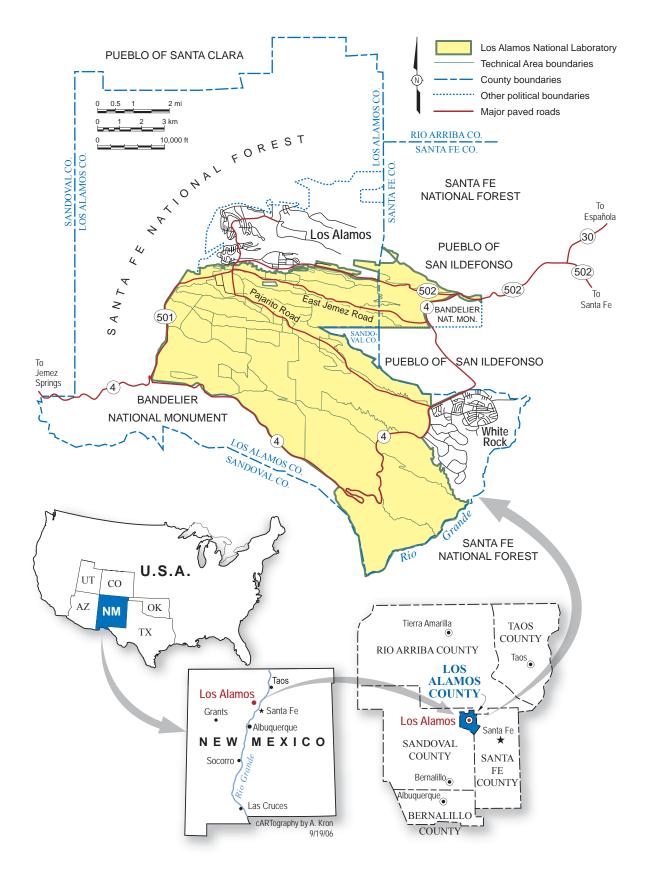


Figure 1

Regional Location Map of Los Alamos National Laboratory

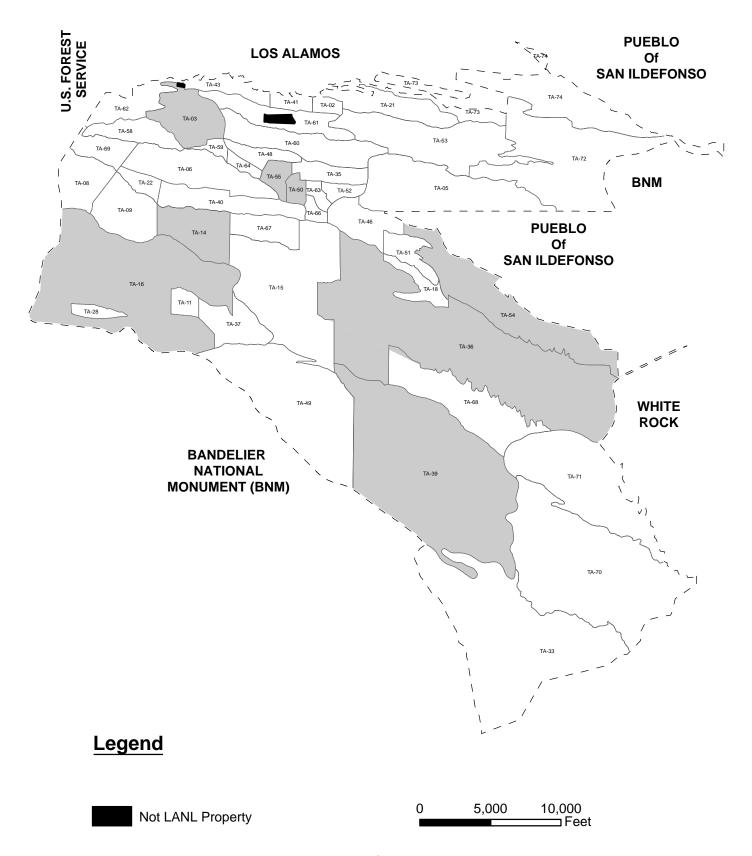


Figure 2
Facility Boundary and Location Map of Los Alamos National Laboratory (LANL)
Technical Areas (TAs)

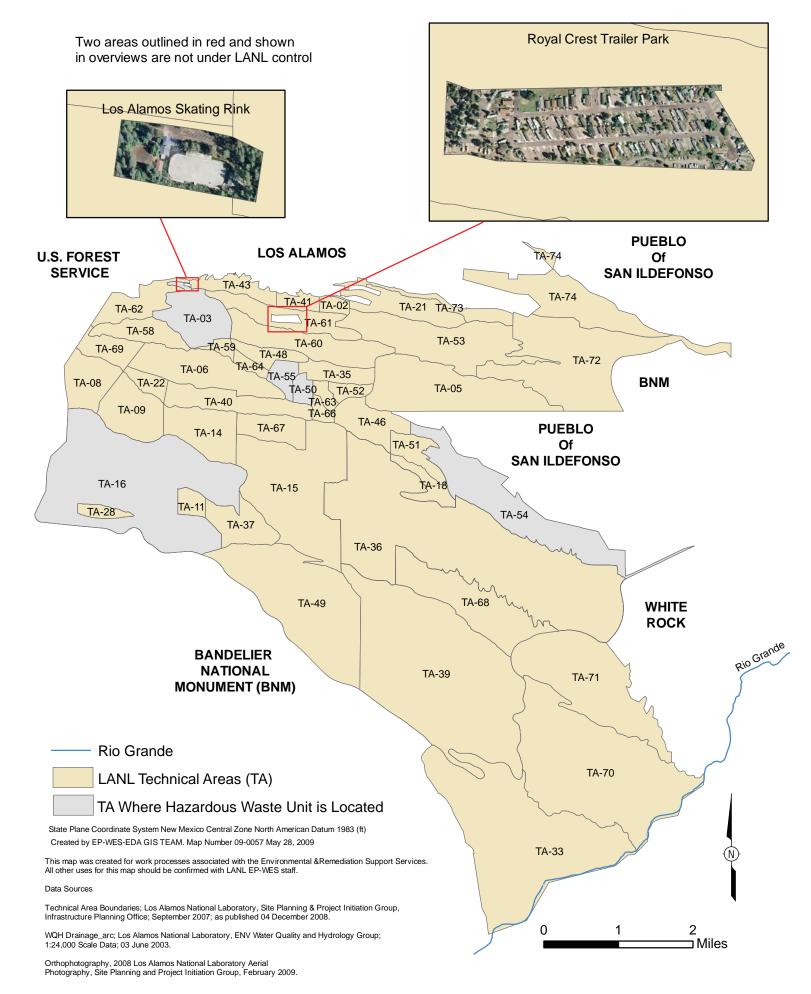


Figure 3: Los Alamos National Laboratory Facility Boundary with Detail of Non-LANL Areas

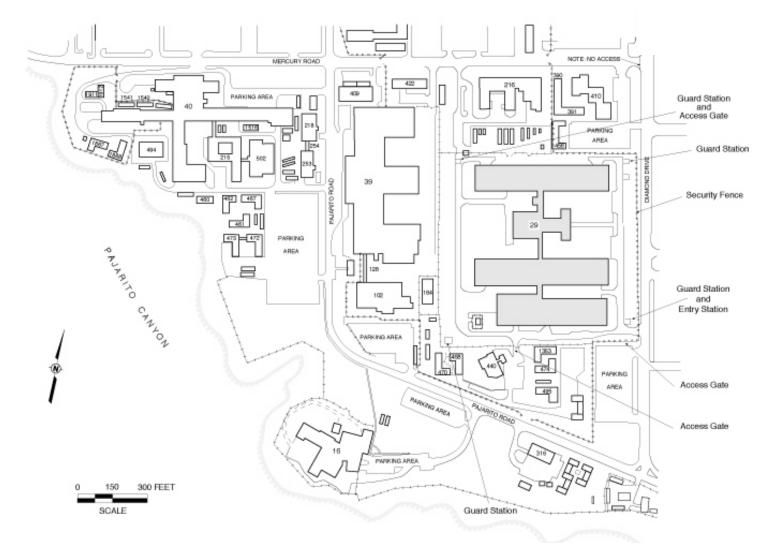


Figure 4
Technical Area (TA) 3 Location Map Showing Security Fences, Entry Gates, and Entry Stations

### FIGURE 5 – RESERVED

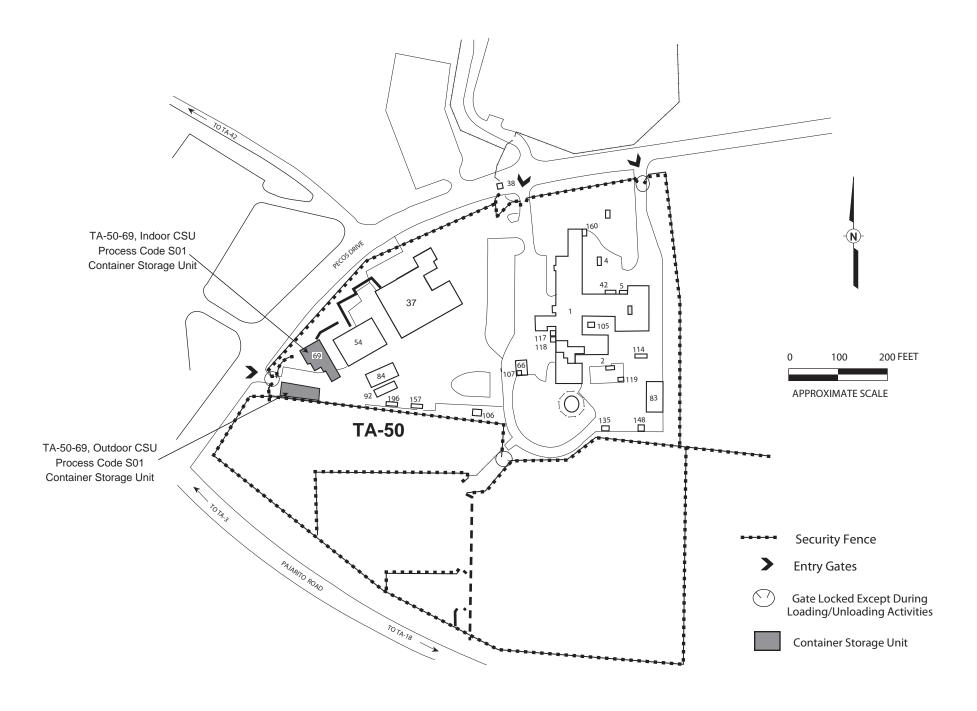


Figure 6: Technical Area (TA) 50 Location Map Showing Security Fences, Entry Gates, and Entry Stations

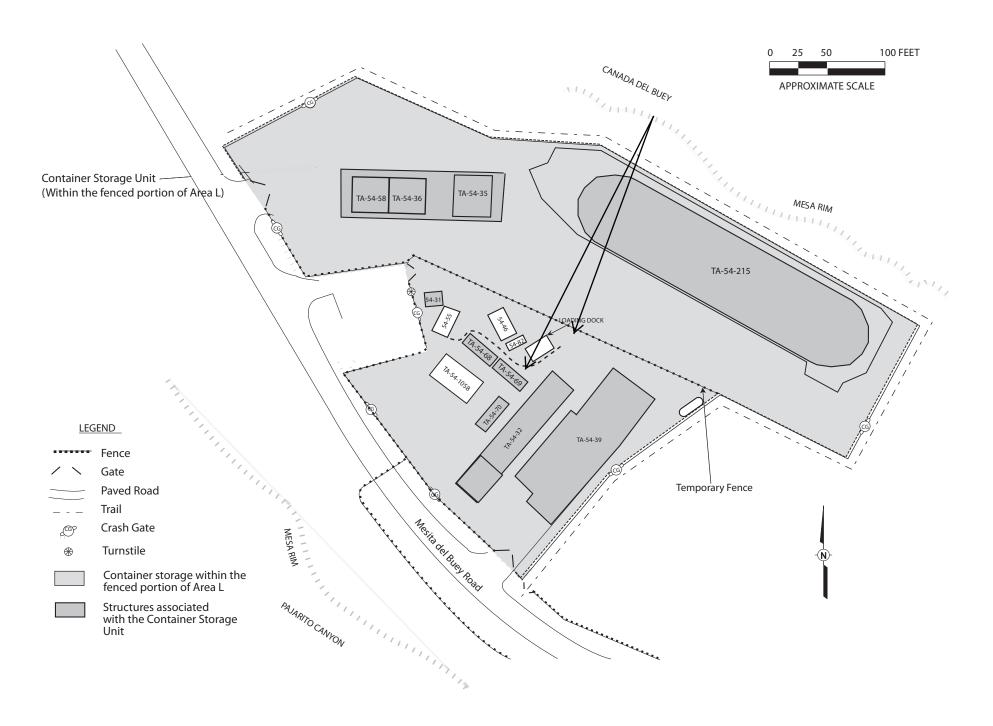
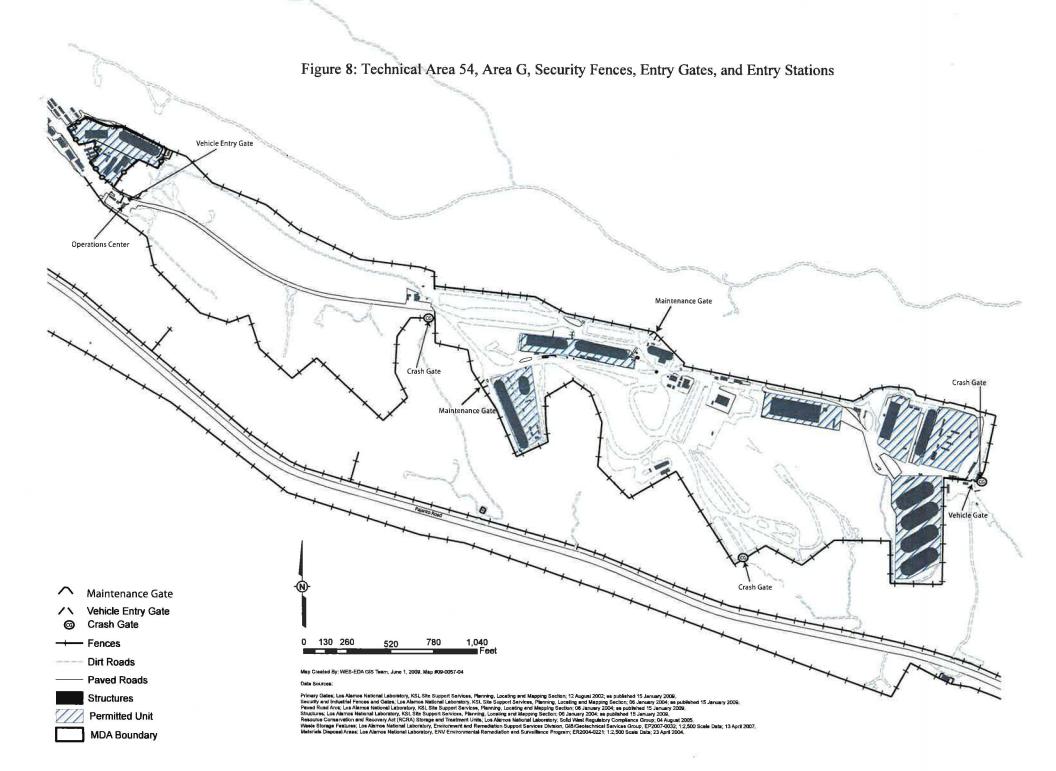
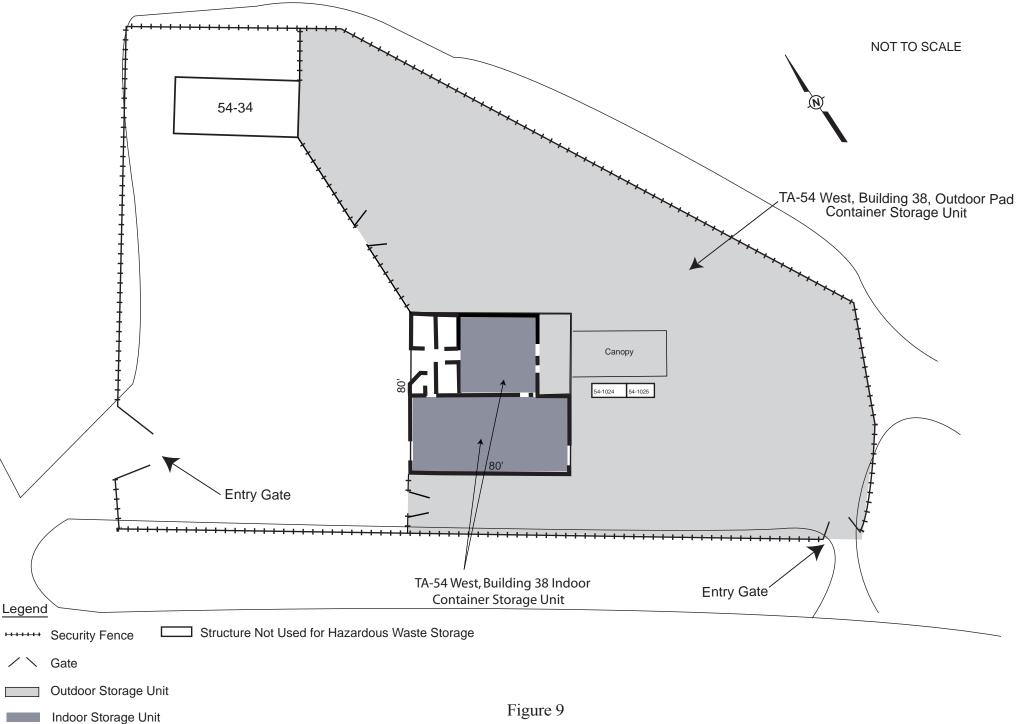


Figure 7: Technical Area 54, Area L, Security Fences, Entry Gates, and Entry Stations





Technical Area (TA) 54 West Location Map Showing Security Fences, Entry Gates, and Entry Stations

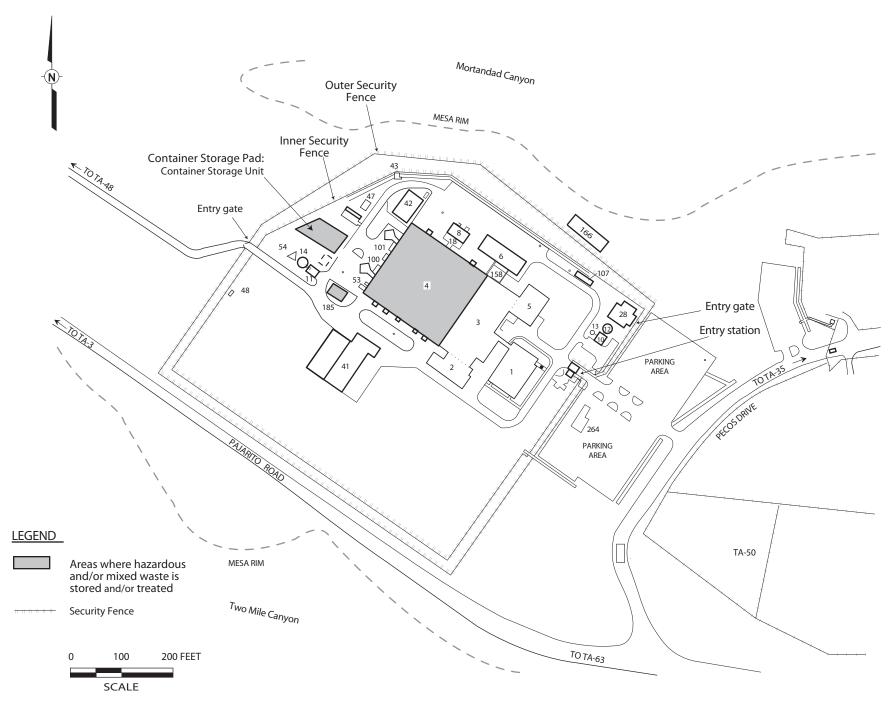


Figure 10
Technical Area (TA) 55 Location Map Showing Security Fences, Entry Gates, and Entry Stations

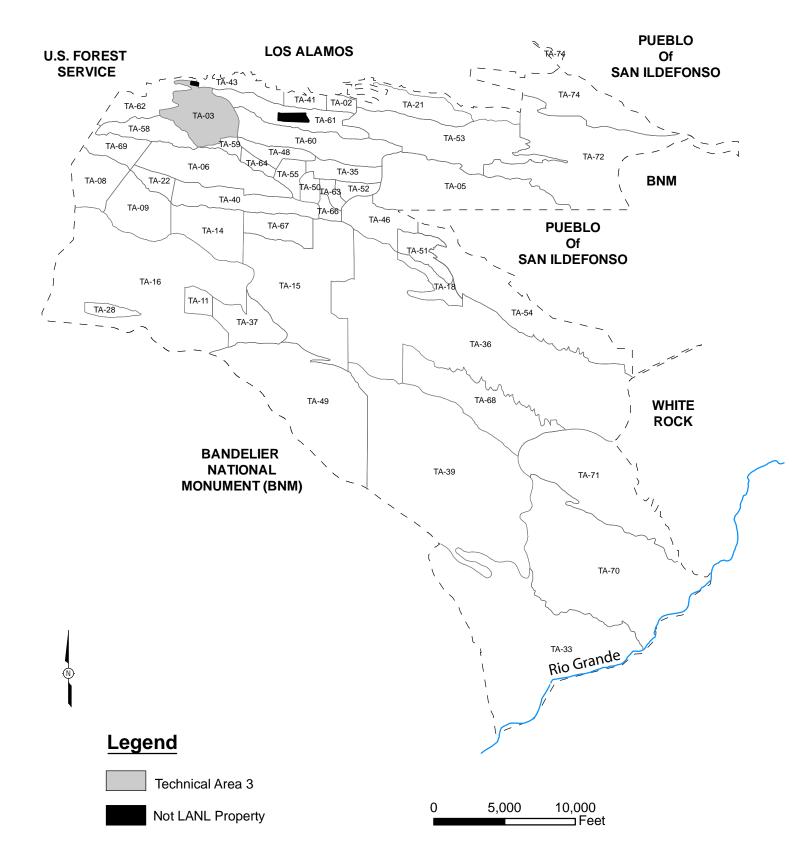


Figure 11:
Technical Area (TA) 3 Location Map

Boundary of Department of Energy Property In and Around the Los Alamos National Laboratory; Los Alamos National Laboratory, SSMO Site Planning & Project Initiation; 04 June 2008

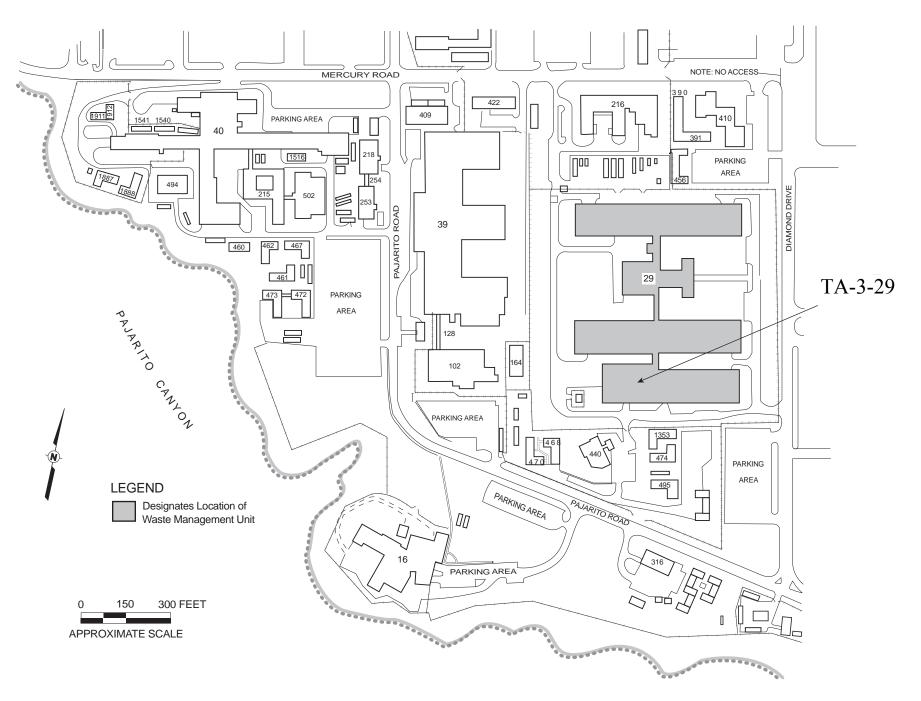
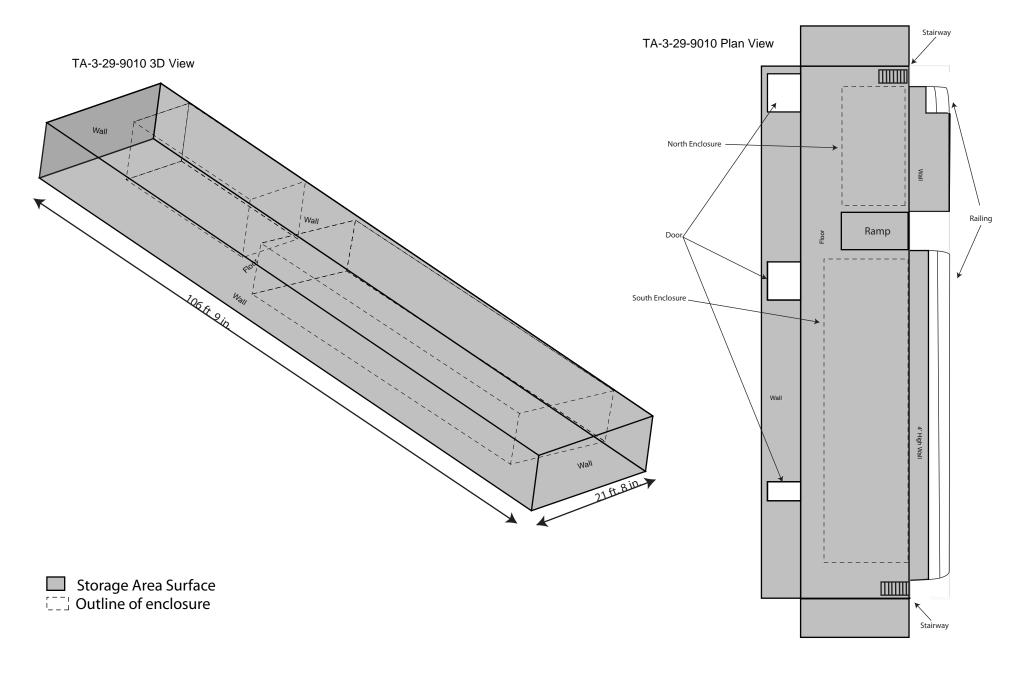


Figure 12: Technical Area (TA) 3, Building 29, Location Map



Not to scale

Figure 13: Technical Area (TA) 3, Building 29, Room 9010

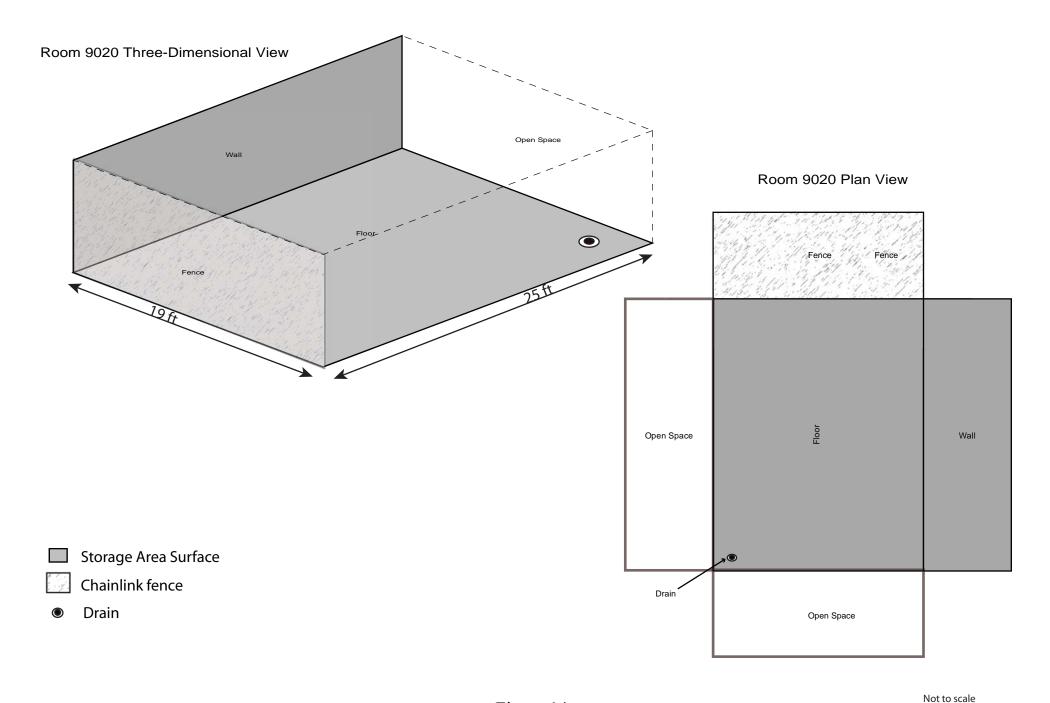


Figure 14: Technical Area (TA) 3, Building 29, Portion of Room 9020

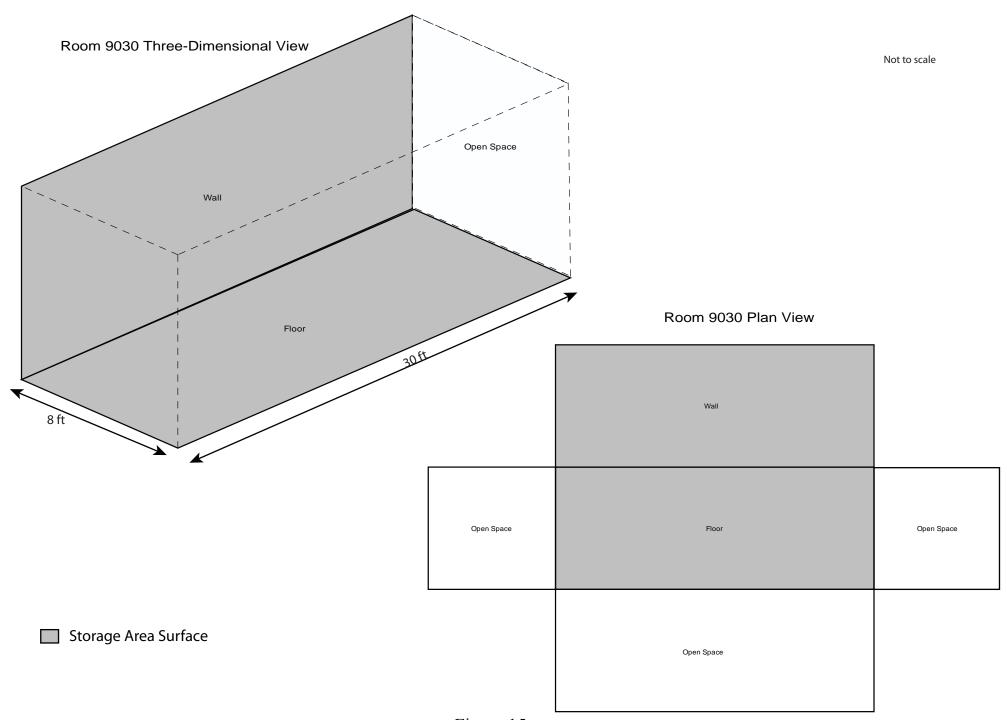


Figure 15:
Technical Area 3, Building 29, Portion of Room 9030

### FIGURE 16 – RESERVED

### FIGURE 17 – RESERVED

### FIGURE 18 – RESERVED

## FIGURE 19 – RESERVED

### FIGURE 20 – RESERVED

### FIGURE 21 – RESERVED

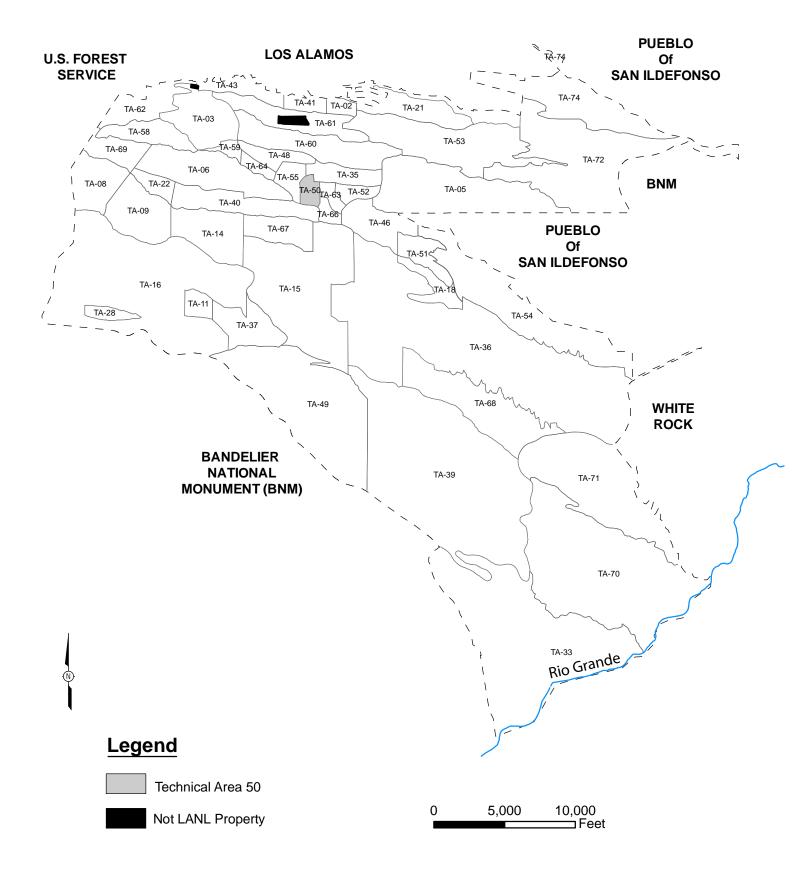


Figure 22: Technical Area (TA) 50 Location Map

Boundary of Department of Energy Property In and Around the Los Alamos National Laboratory; Los Alamos National Laboratory, SSMO Site Planning & Project Initiation; 04 June 2008

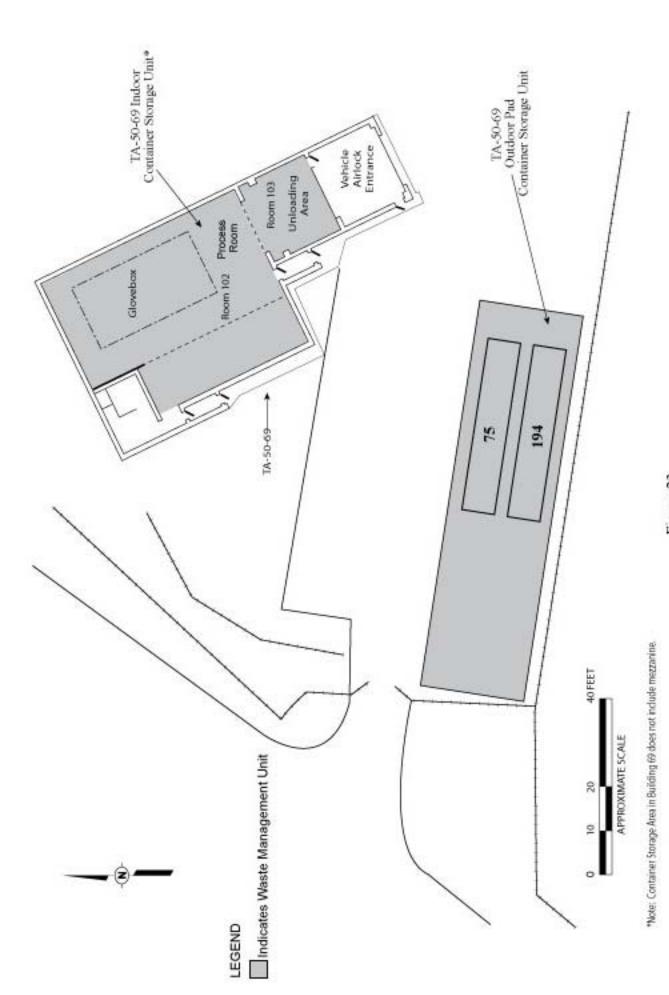


Figure 23
Technical Area (TA) 50, Building 69, Indoor and Outdoor Container Storage Units

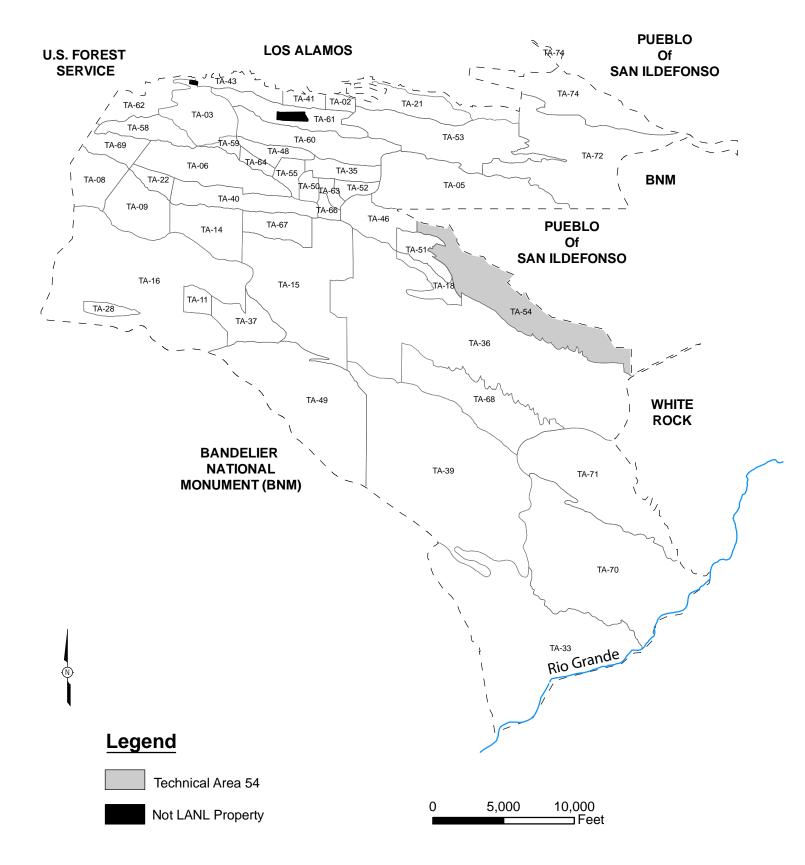


Figure 24:
Technical Area (TA) 54 Location Map

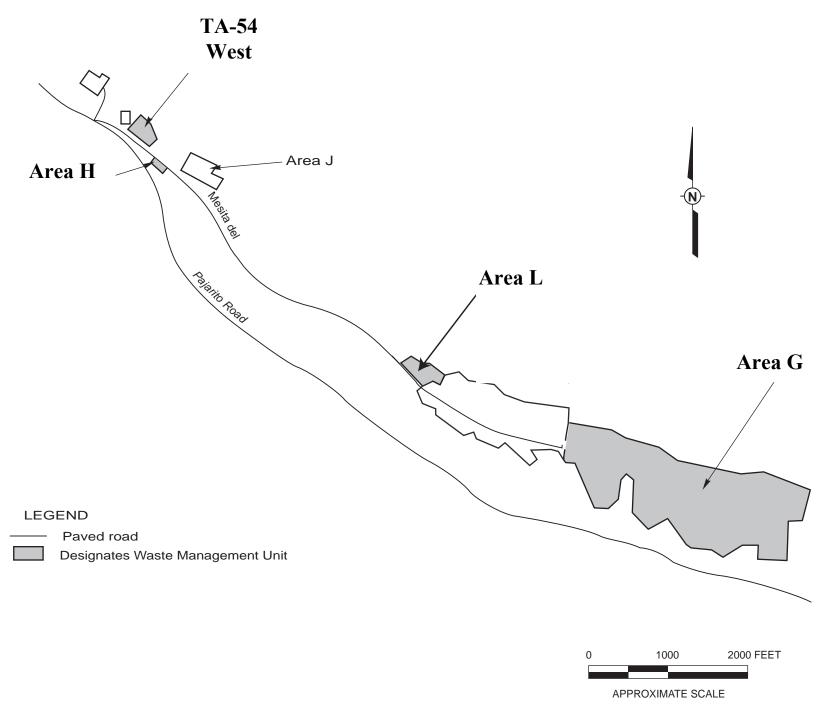


Figure 25
Technical Area (TA)-54, Areas G, H, L, and TA-54 West Location Map

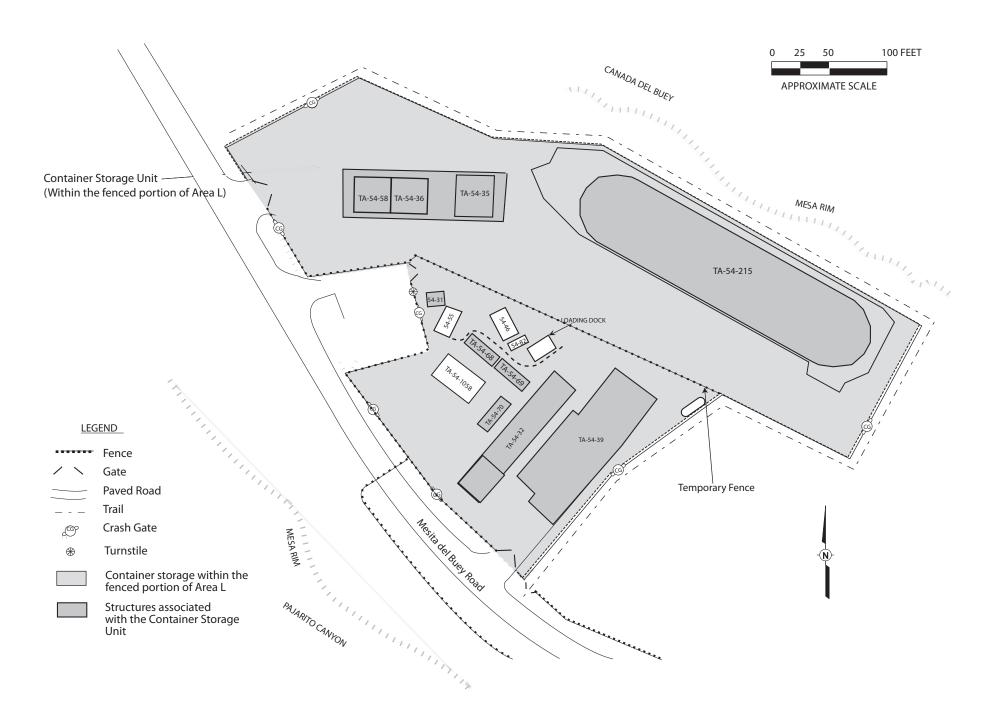
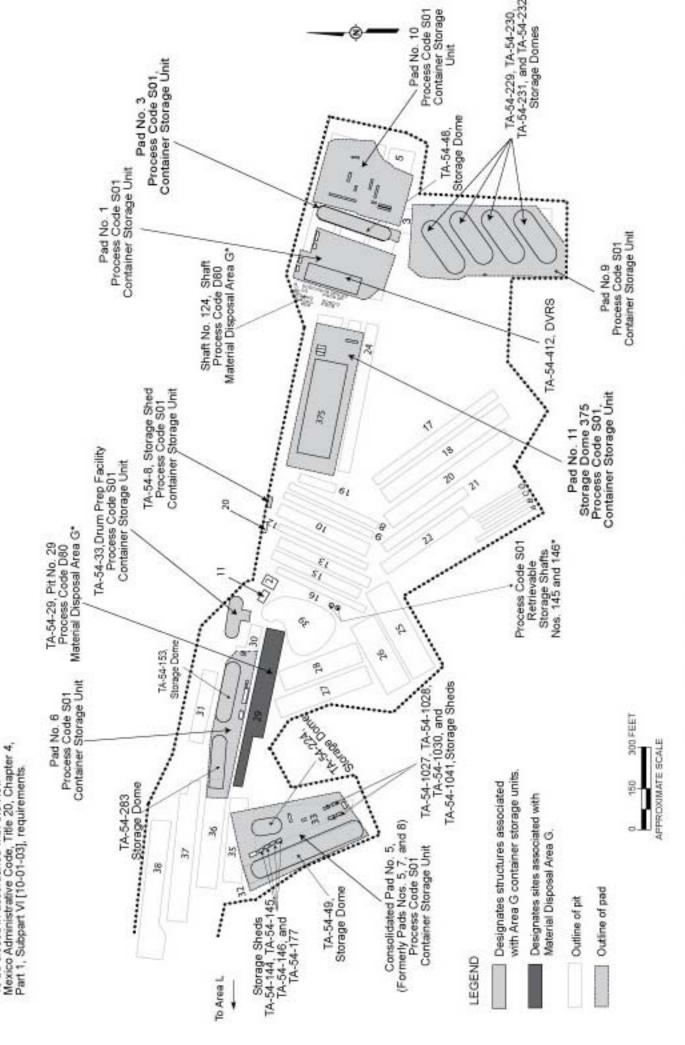


Figure 26: Technical Area 54, Area L, Container Storage Unit



\*To be closed in accordance with the New

Figure 27: Technical Area 54, Area G, Container Storage Units

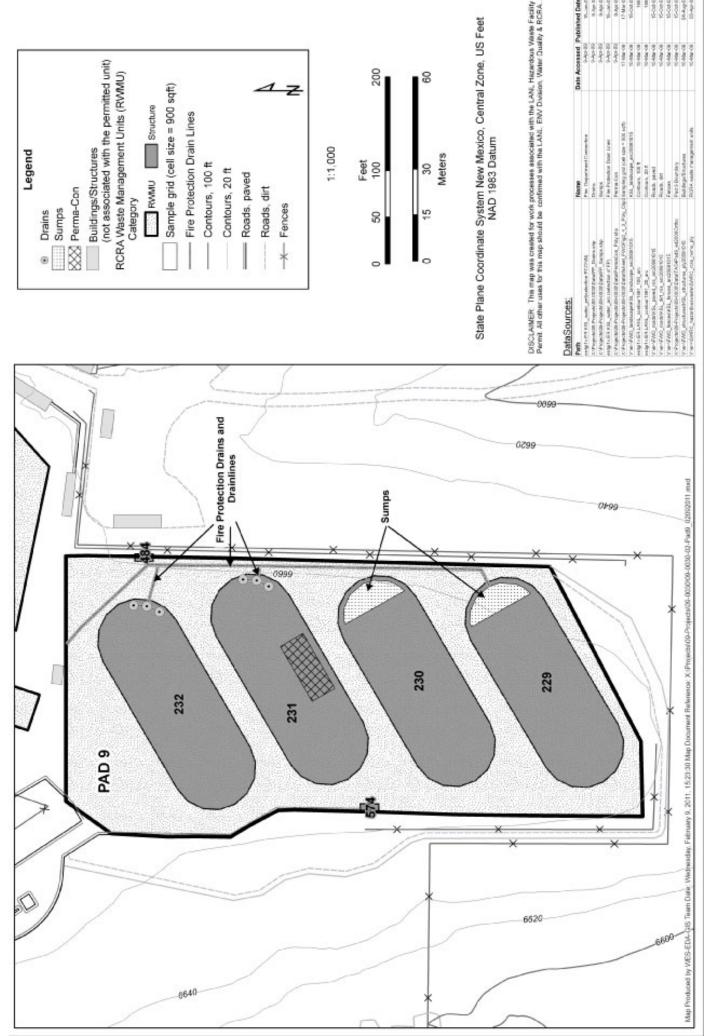
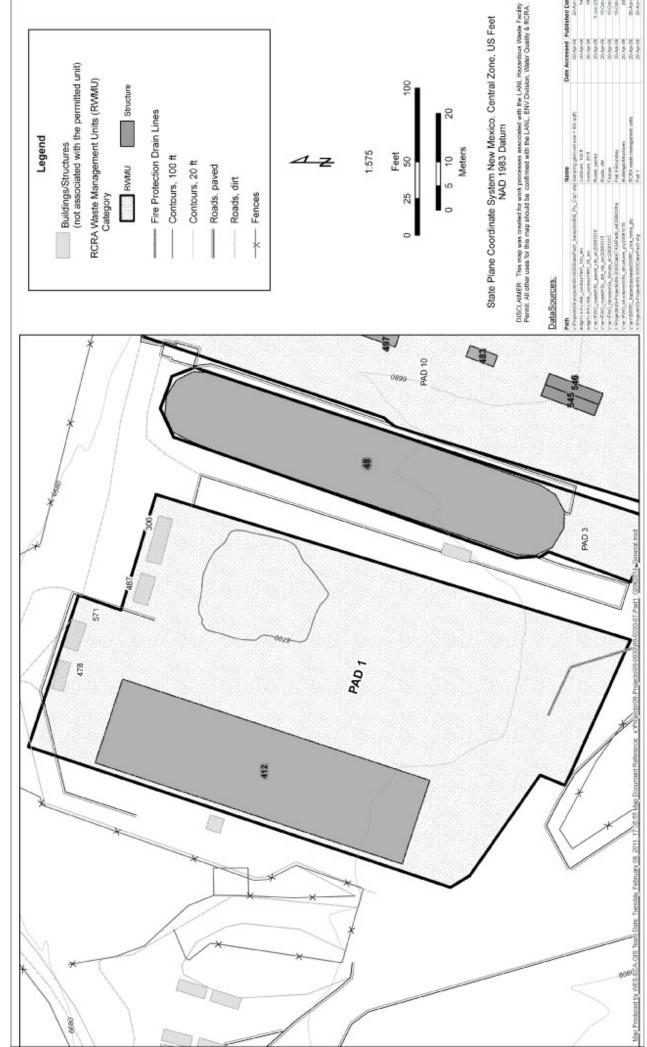


Figure 28: Technical Area (TA)-54 Area G, Pad 9, (TWISP Domes 229, 230, 231 & 232)



Feet 50

Figure 29: TA-54, Area G, Pad 1

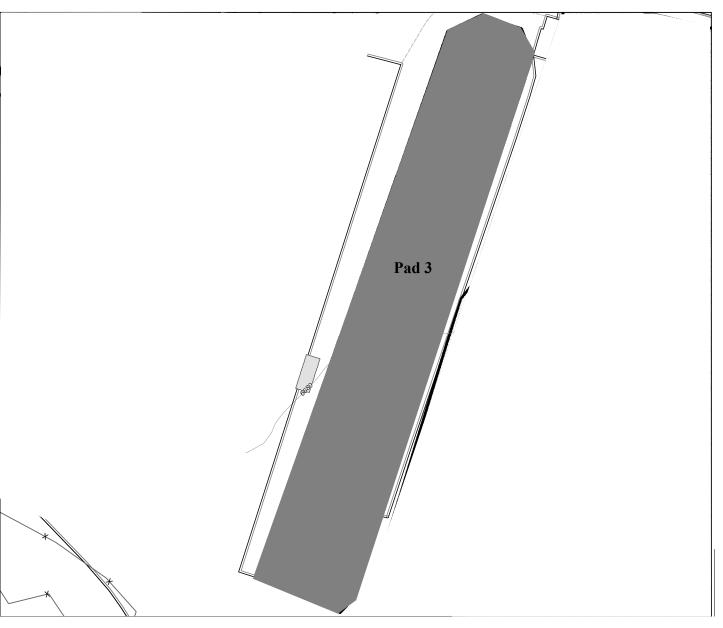
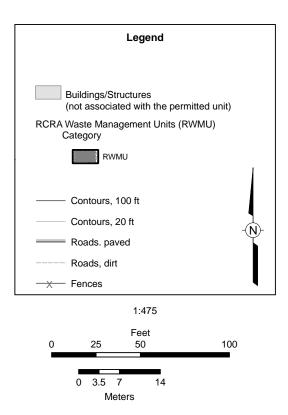


Figure 30: Technical Area (TA)-54, Area G, Pad 3



State Plane Coordinate System New Mexico, Central Zone, US Feet NAD 1983 Datum

DISCLAIMER: This map was created for work processes associated with the LANL Hazardous Waste Facility Permit. All other uses for this map should be confirmed with the LANL, ENV Division, Water Quality & RCRA..

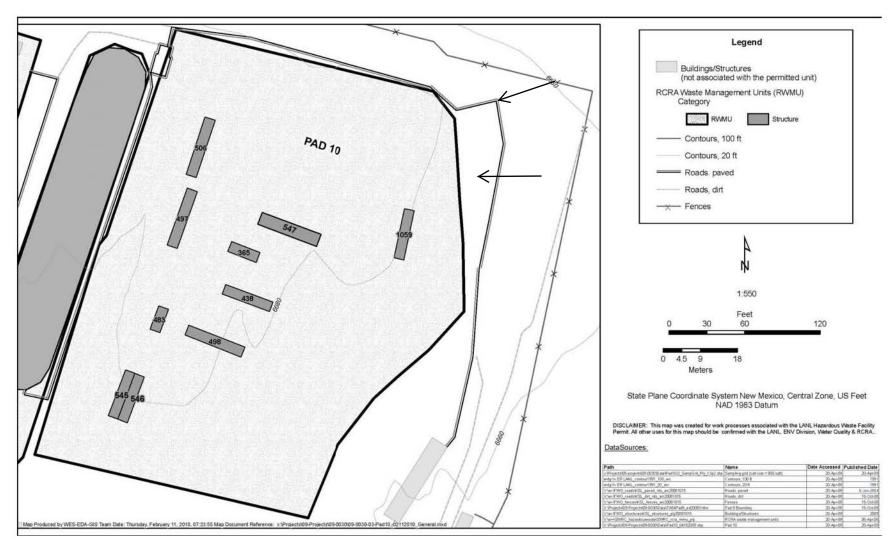
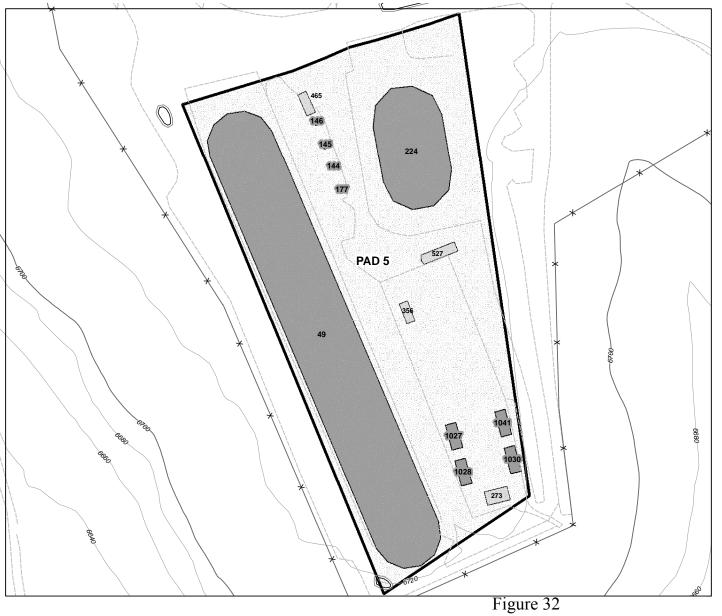
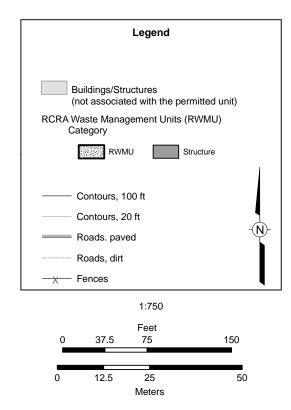


Figure 31: TA-54, Area G, Pad 10

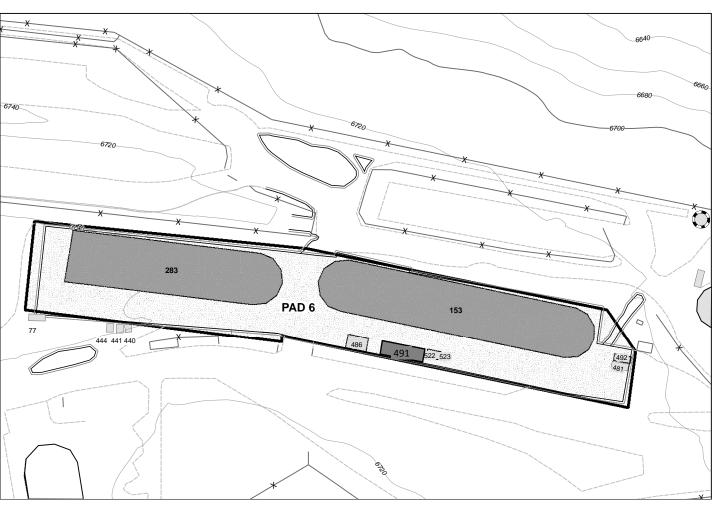




State Plane Coordinate System New Mexico, Central Zone, US Feet NAD 1983 Datum

DISCLAIMER: This map was created for work processes associated with the LANL Hazardous Waste Facility Permit. All other uses for this map should be confirmed with the LANL, ENV Division, Water Quality & RCRA...

Technical Area (TA)-54, Area G, Pad 5 (Domes 49 and 224; Storage Sheds 144, 145, 146, 177, 1027,1028, 1030, and 1041)

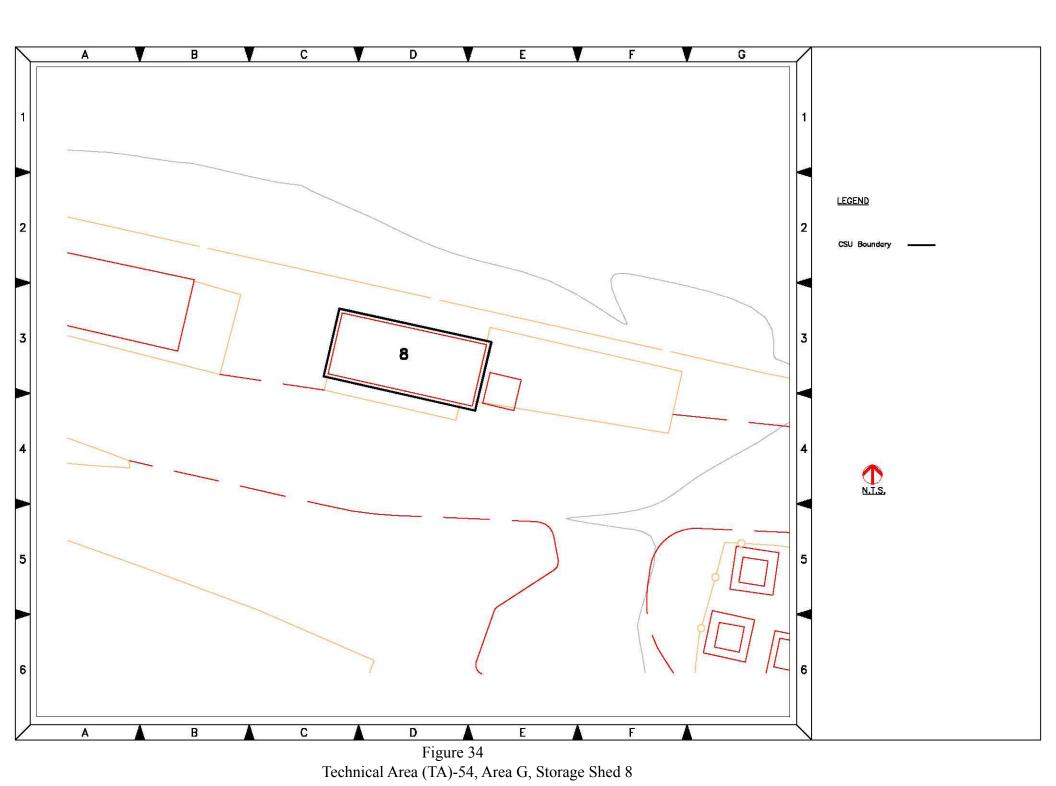


Legend Buildings/Structures (not associated with the permitted unit) RCRA Waste Management Units (RWMU) Category Structure Sediment Trap Contours, 100 ft Contours, 20 ft Roads. paved Roads, dirt -X Fences 1:975 Feet 160 12.5 25 50 Meters

State Plane Coordinate System New Mexico, Central Zone, US Feet NAD 1983 Datum

DISCLAIMER: This map was created for work processes associated with the LANL Hazardous Waste Facility Permit. All other uses for this map should be confirmed with the LANL, ENV Division, Water Quality & RCRA...

Figure 33
Technical Area (TA)-54, Area G, Pad 6, (Domes 153 & 283)



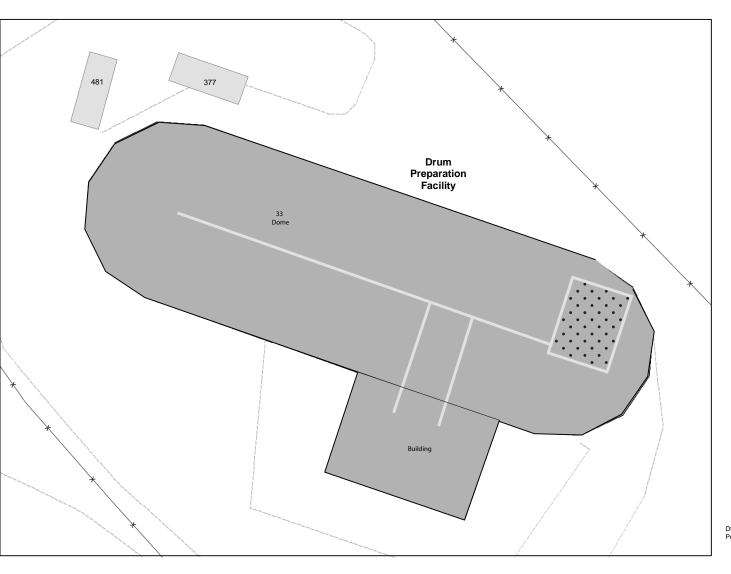
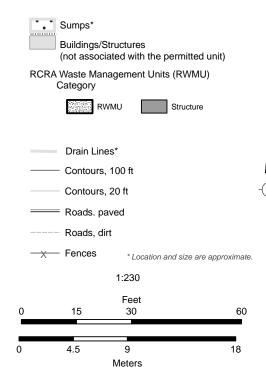


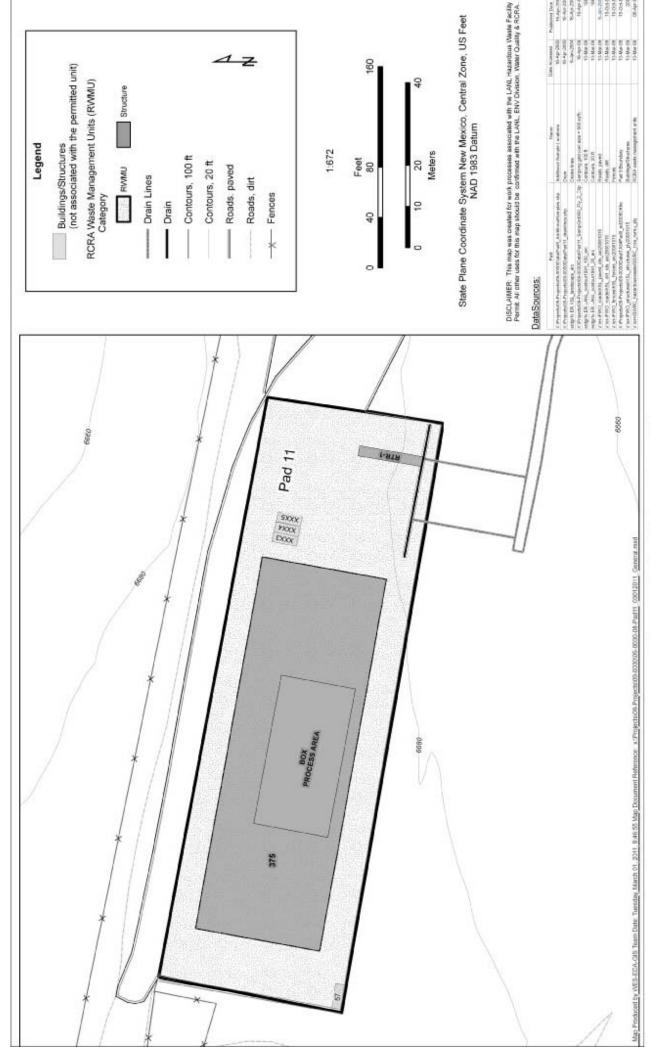
Figure 35
Technical Area (TA)-54, Area G, Building 33

#### Legend



State Plane Coordinate System New Mexico, Central Zone, US Feet NAD 1983 Datum

DISCLAIMER: This map was created for work processes associated with the LANL Hazardous Waste Facility Permit. All other uses for this map should be confirmed with the LANL, ENV Division, Water Quality & RCRA..



12

Structure

160

Figure 36: TA-54, Area G, Pad 11

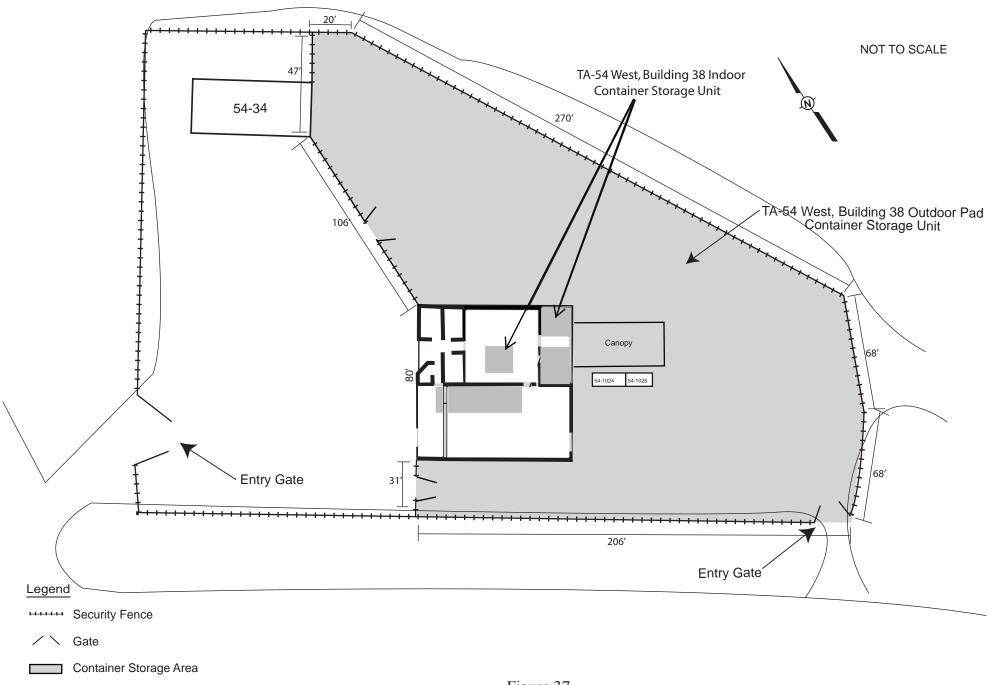
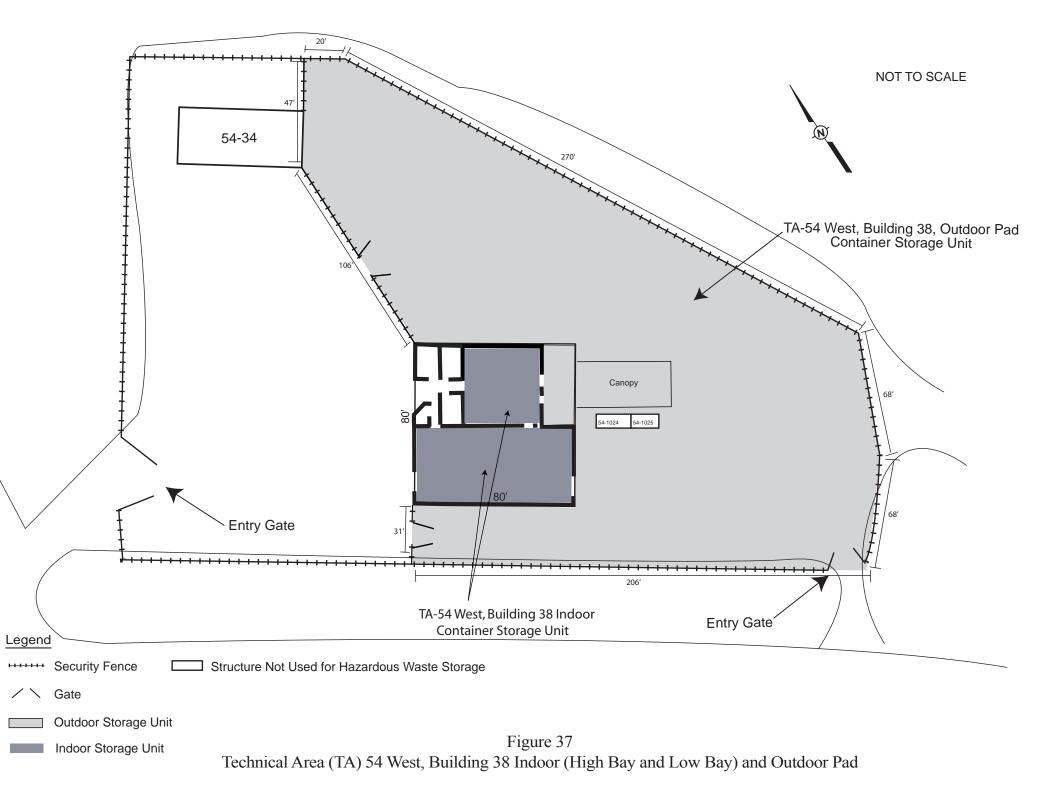


Figure 37
Technical Area (TA) 54 West, Building 38 Indoor (High Bay and Low Bay) and Outdoor Pad



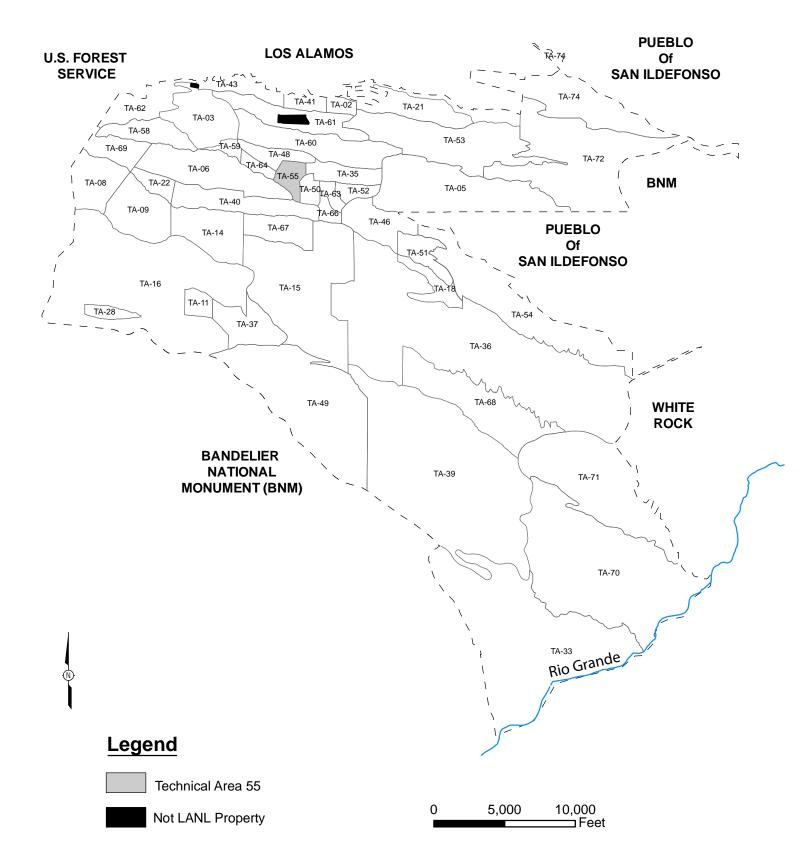


Figure 38: Technical Area (TA) 55 Location Map

Boundary of Department of Energy Property In and Around the Los Alamos National Laboratory; Los Alamos National Laboratory, SSMO Site Planning & Project Initiation; 04 June 2008

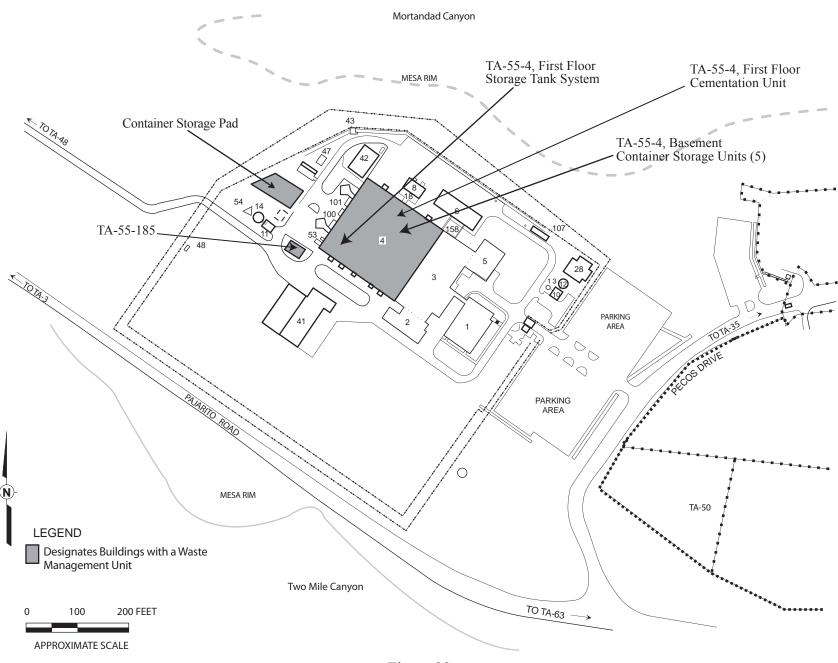


Figure 39
Technical Area (TA) 55, Building 4 Location Map

# (FIGURE 40 - TA-55, BUILDING 4, ROOM B40)

### **UCNI**

#### LOS ALAMOS NATIONAL LABORATORY

## (FIGURE 41 - TA-55, BUILDING 4, ROOM K13)

### **UCNI**

#### LOS ALAMOS NATIONAL LABORATORY

### (FIGURE 42 - TA-55, BUILDING 4, ROOM B05)

### **UCNI**

#### LOS ALAMOS NATIONAL LABORATORY

### (FIGURE 43 - TA-55, BUILDING 4, ROOM B45)

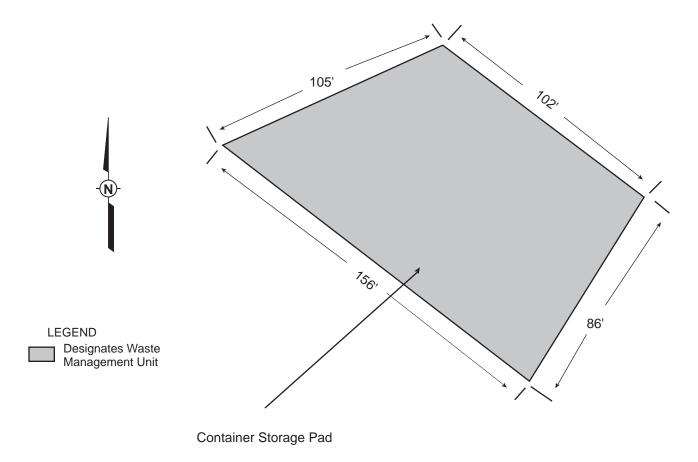
### **UCNI**

#### LOS ALAMOS NATIONAL LABORATORY

### (FIGURE 44 - TA-55, BUILDING 4, VAULT)

### **UCNI**

#### LOS ALAMOS NATIONAL LABORATORY



Note: TA-55-4 is located approximate

TA-55-4 is located approximately 140 feet east of this container storage pad. Refer to Figure 39 for the general location of this container storage pad in relation to other buildings/structures at TA-55.

NOT TO SCALE

Figure 45
Technical Area (TA)-55, Building 4, Outdoor Container Storage Pad

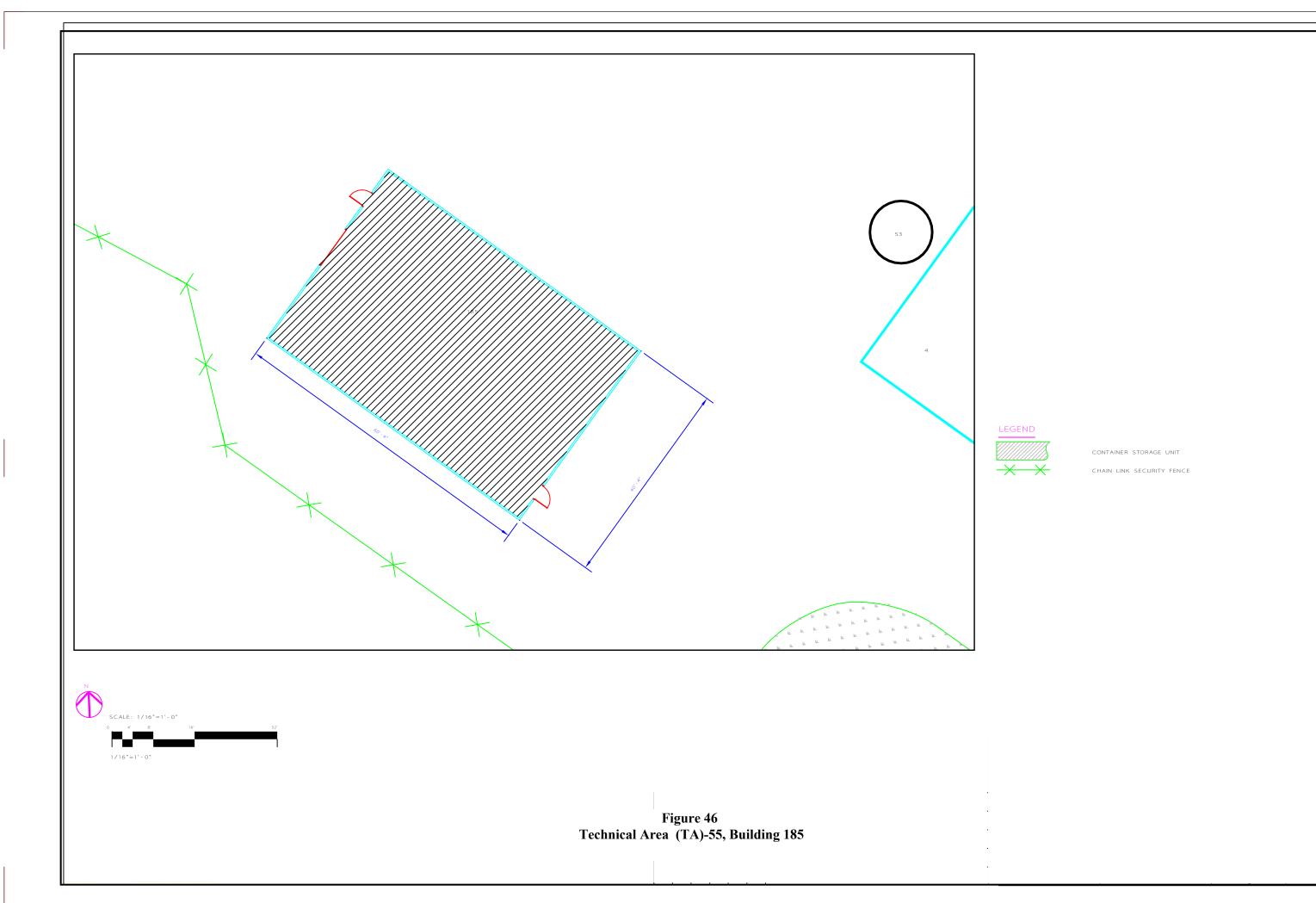
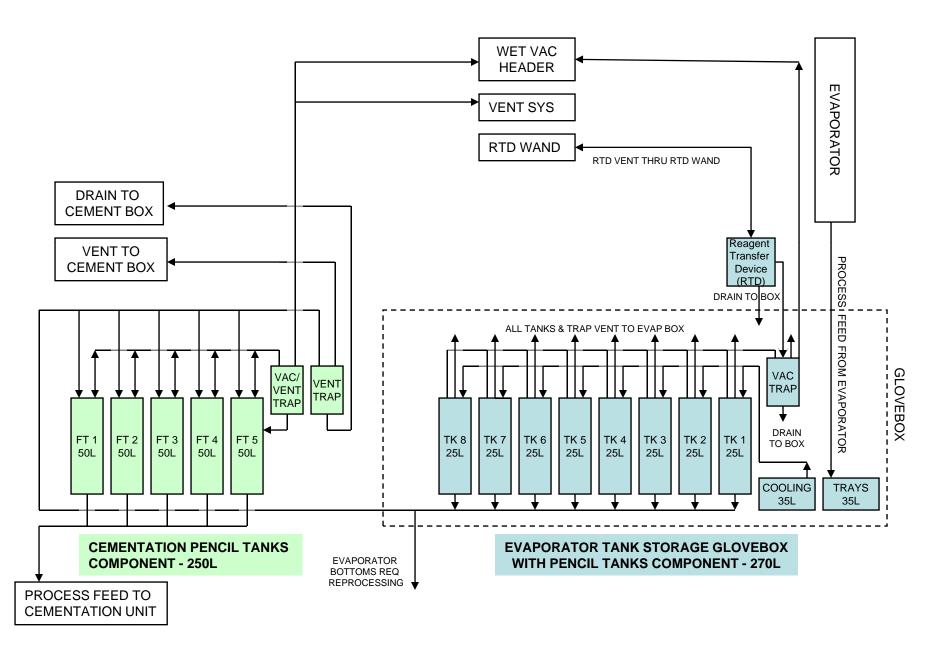
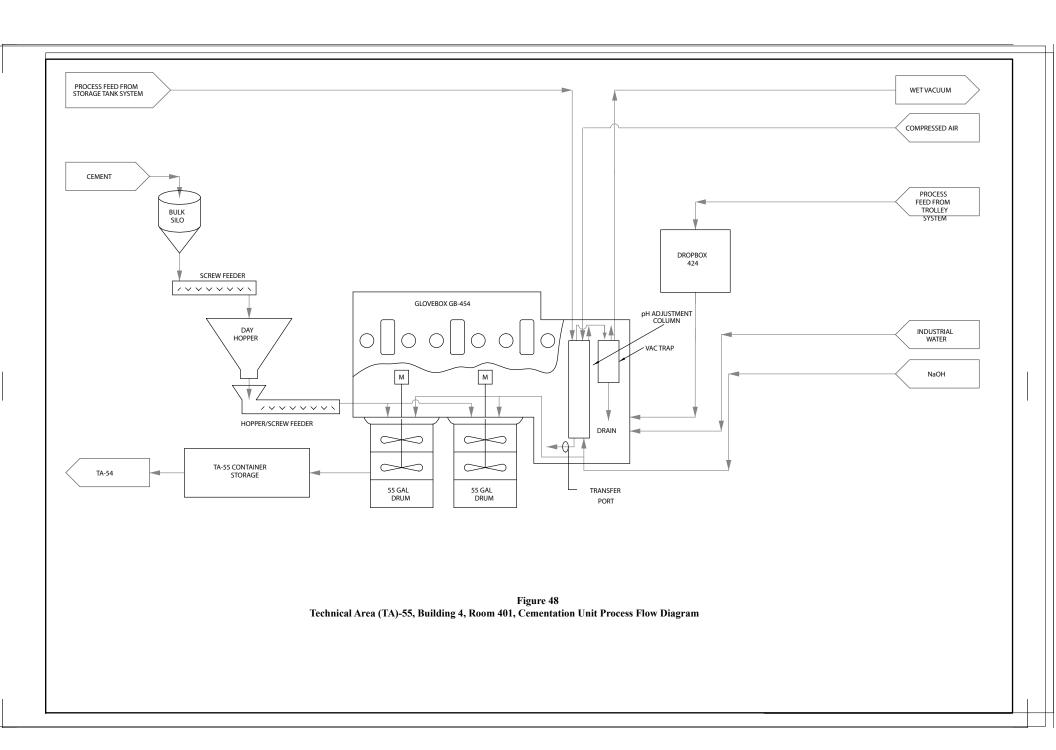
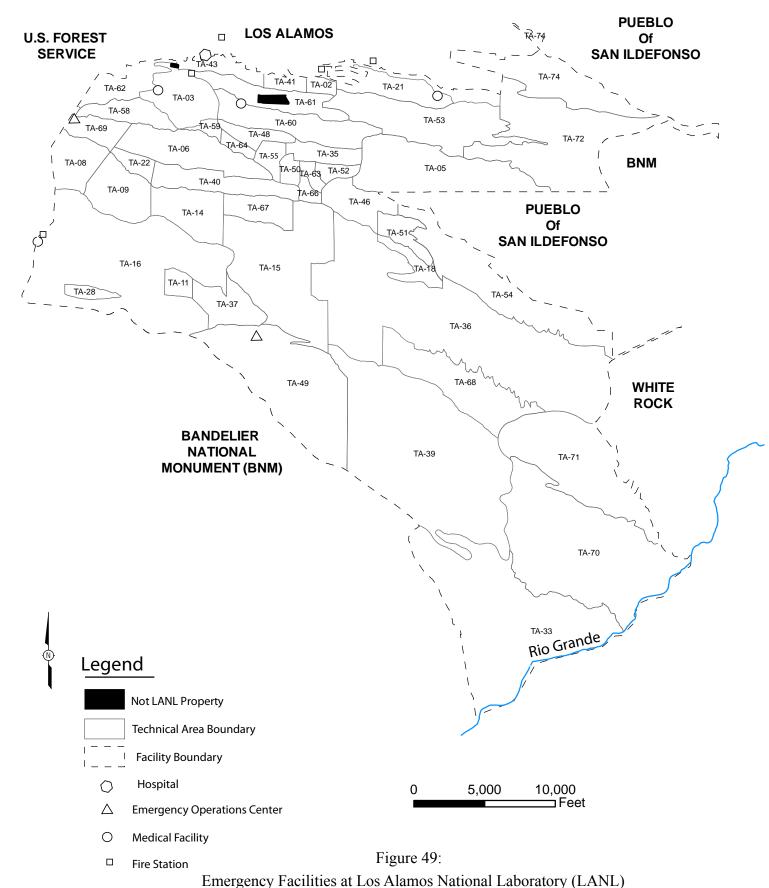
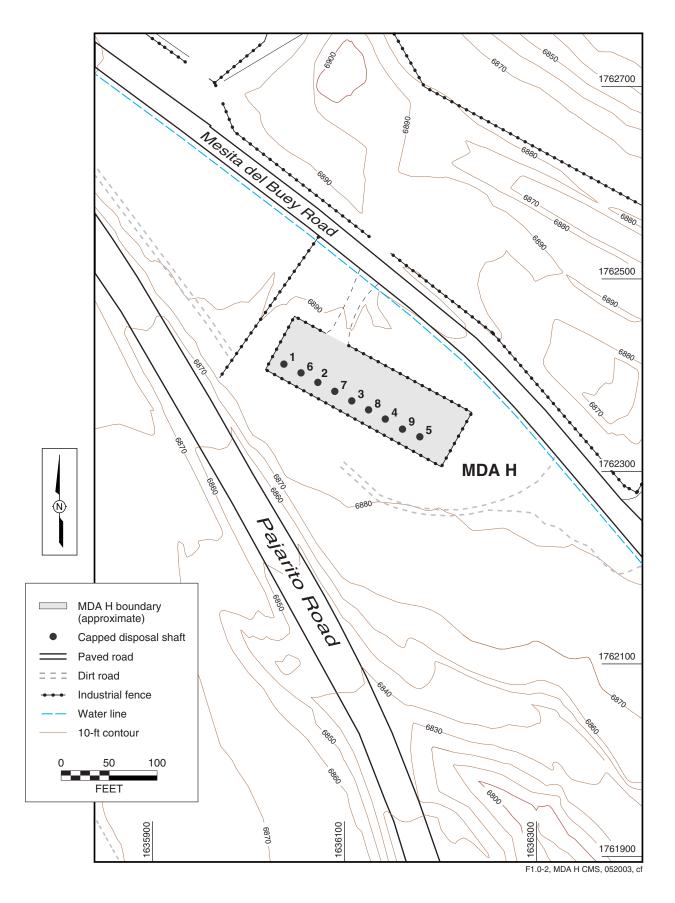


Figure 47: TA-55, Building 4, Room 401, Storage Tank System Process Flow Diagram

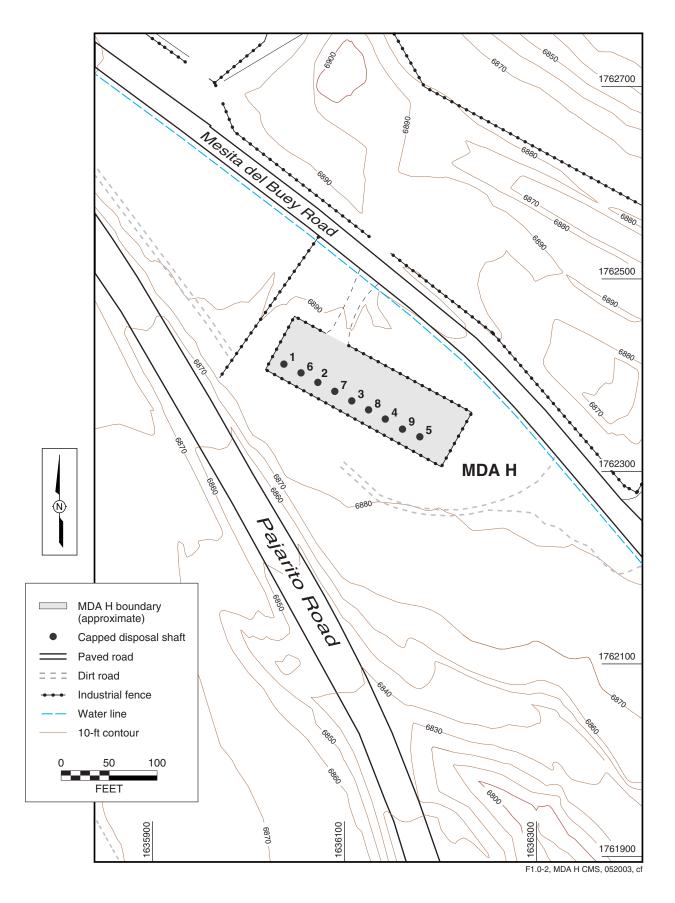








**Figure 50:** Technical Area (TA)-54, Material Disposal Area (MDA) H



**Figure 50:** Technical Area (TA)-54, Material Disposal Area (MDA) H

#### FIGURE 51 – RESERVED

#### FIGURE 52 – RESERVED

#### FIGURE 53 – RESERVED

