ATTACHMENT N

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Figure 53: Reserved
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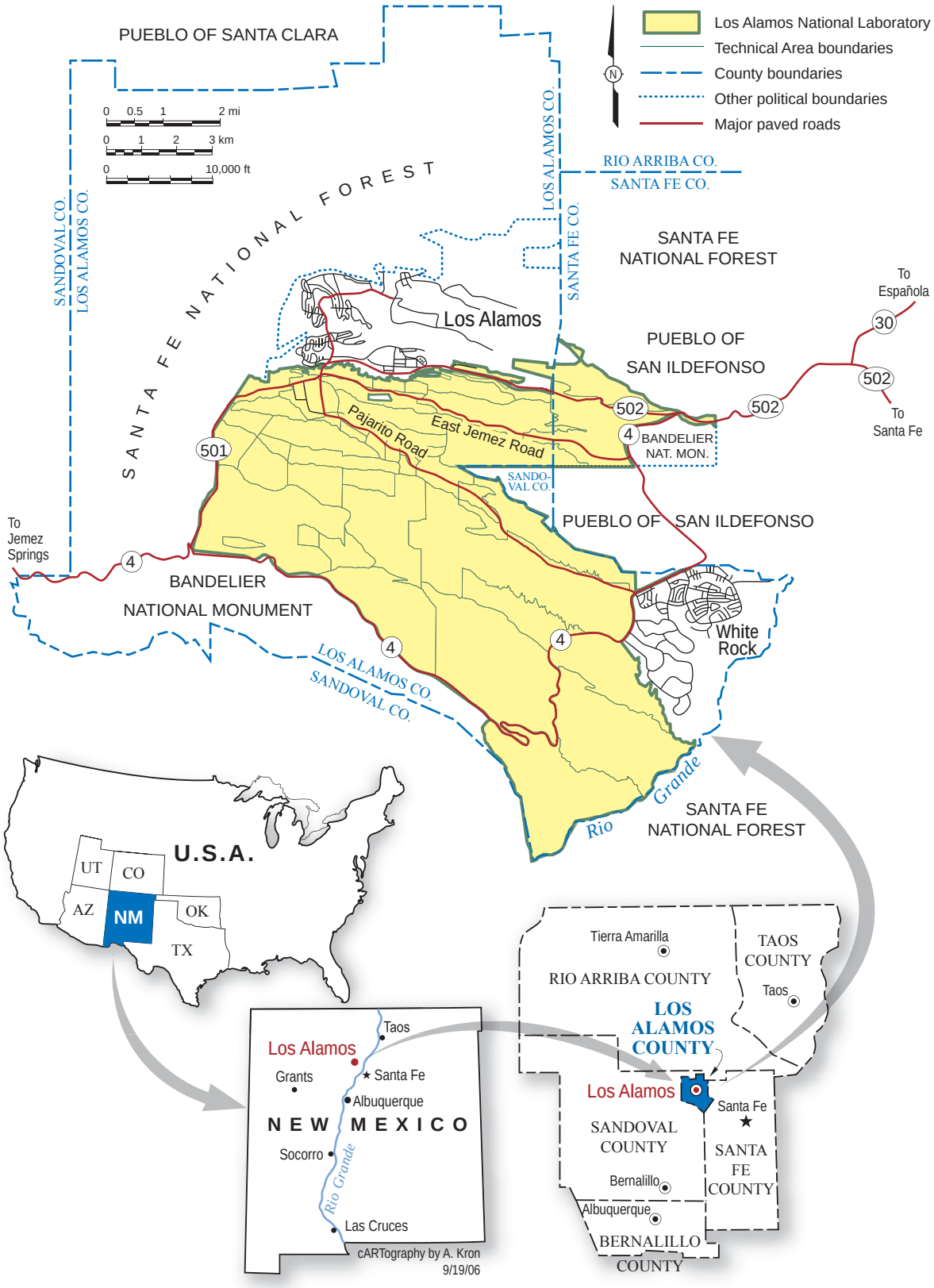
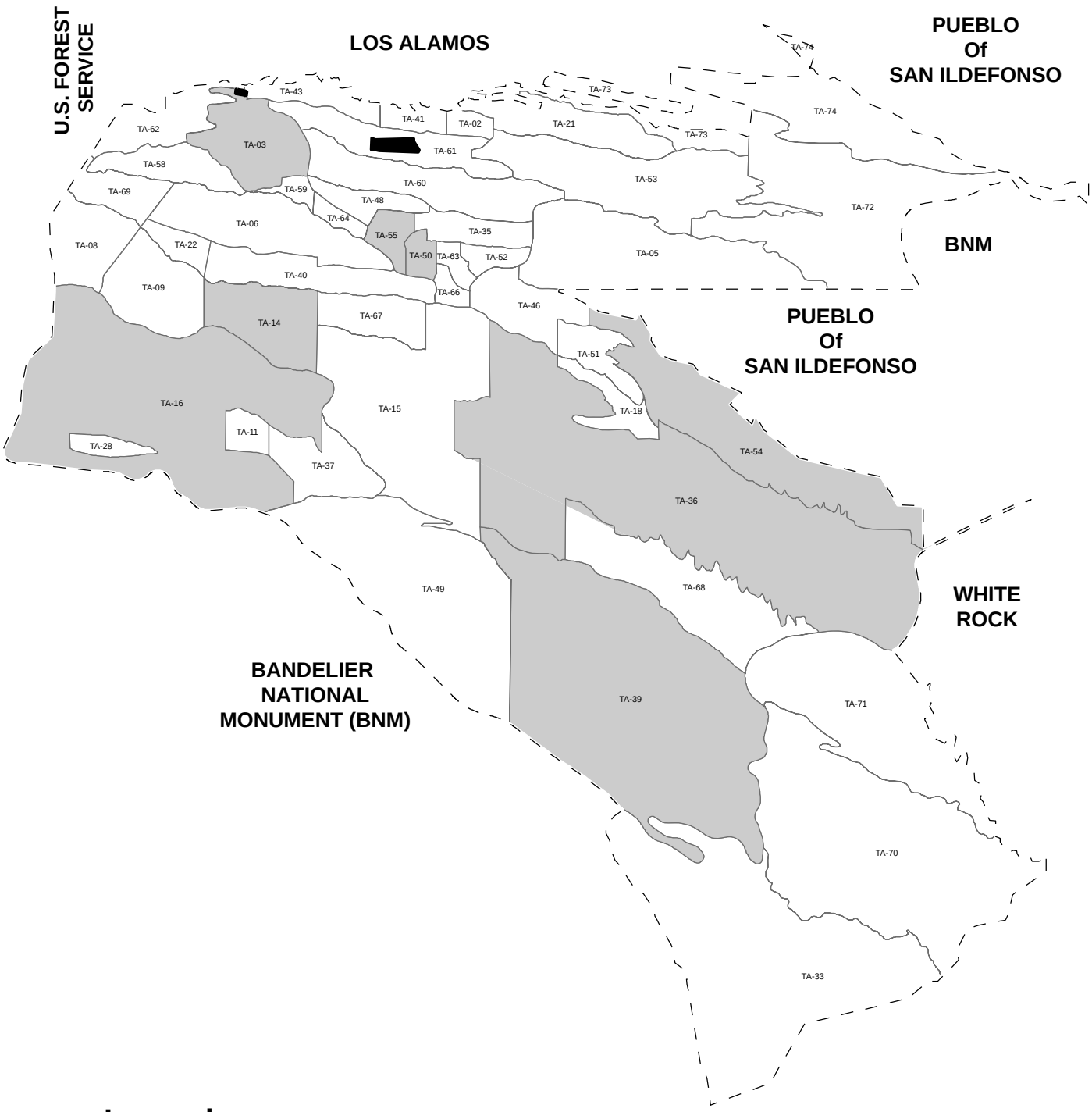


Figure 1

Regional Location Map of Los Alamos National Laboratory



Legend

Not LANL Property

0 5,000 10,000 Feet

Figure 2

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

Created by ERSS GIS TEAM. Map Number 06-0108 September12, 2005
State Plane Coordinate System New Mexico Central Zone North American Datum 1983 (ft)
This map was created for work processes associated with the Environmental &Remediation Support Services. All other uses for this map should be confirmed with LANL EP-ERSS staff.
Boundary of Department of Energy Property I Around the Los Alamos National Laboratory; Los Alamos National Laboratory, SSMO Site Planning & Project Initiation; infrastructure Planning Office. 10 February 2006
Boundary of Department of Energy Property In and Around the Los Alamos National Laboratory; Los Alamos National Laboratory, SSMO Site Planning & Project Initiation; 01 February 2003 as captured 07 September 2004.

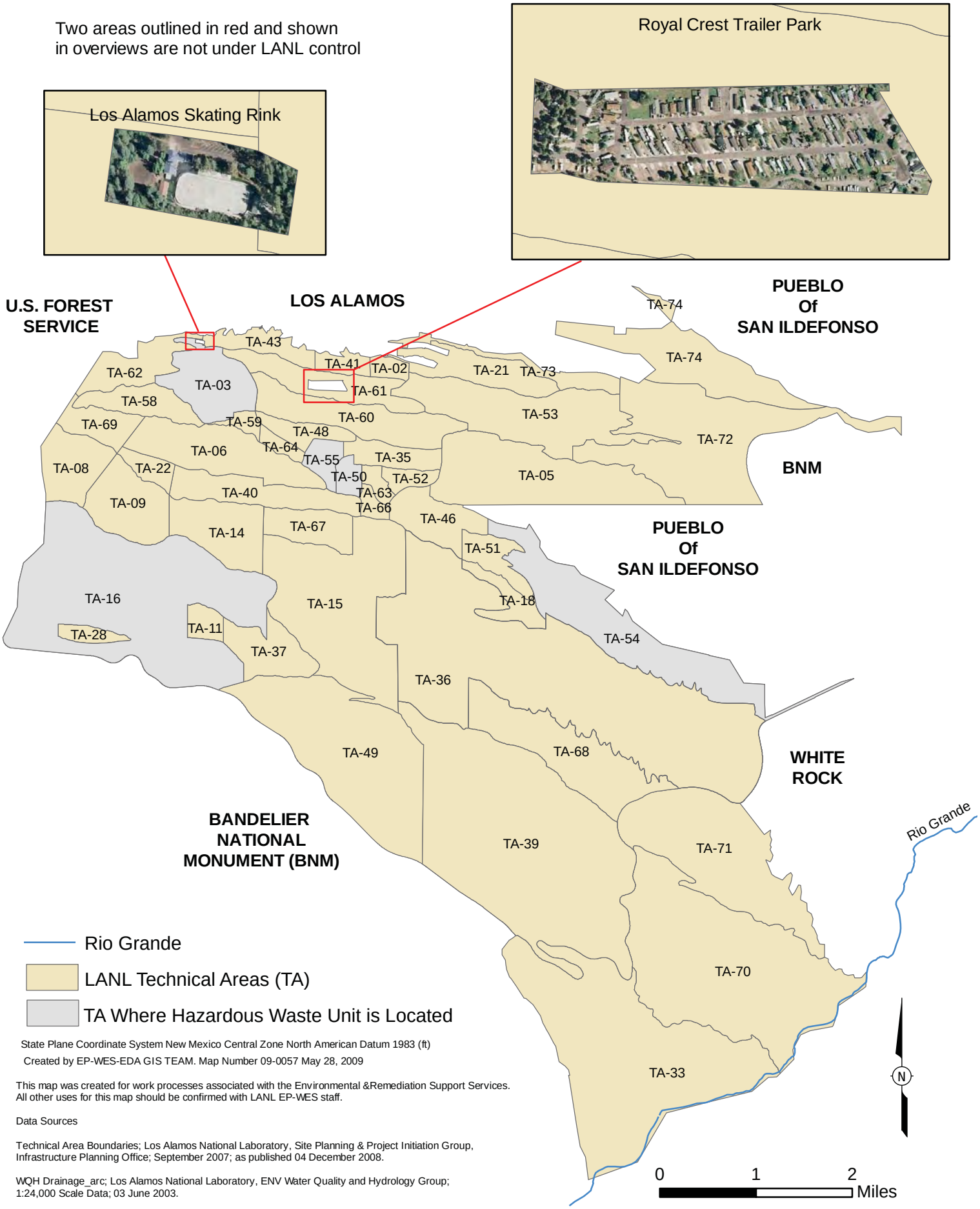


Figure 3: Los Alamos National Laboratory Facility Boundary with Detail of Non-LANL Areas

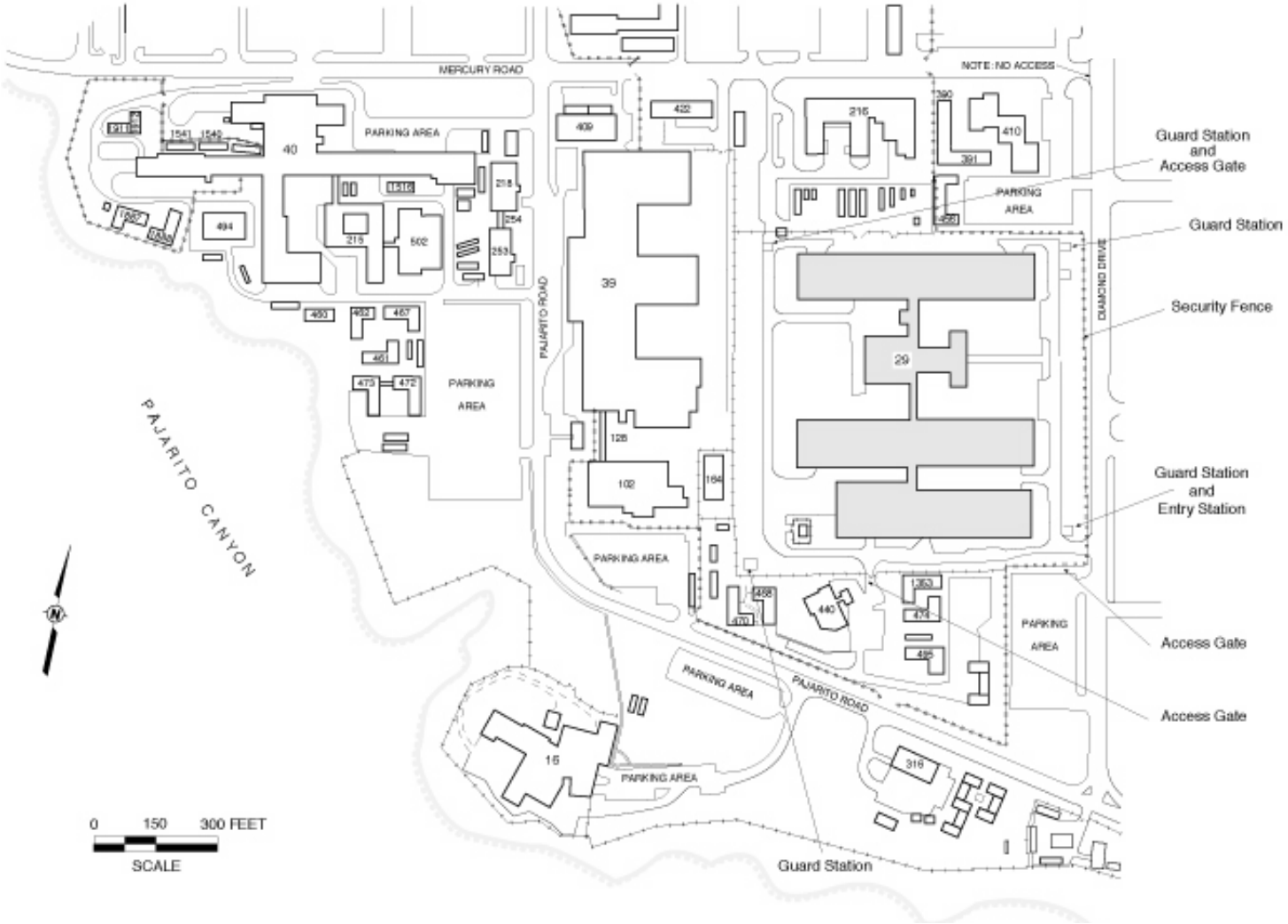


Figure 4
Technical Area (TA) 3 Location Map Showing Security Fences, Entry Gates, and Entry Stations

FIGURE 5 – RESERVED

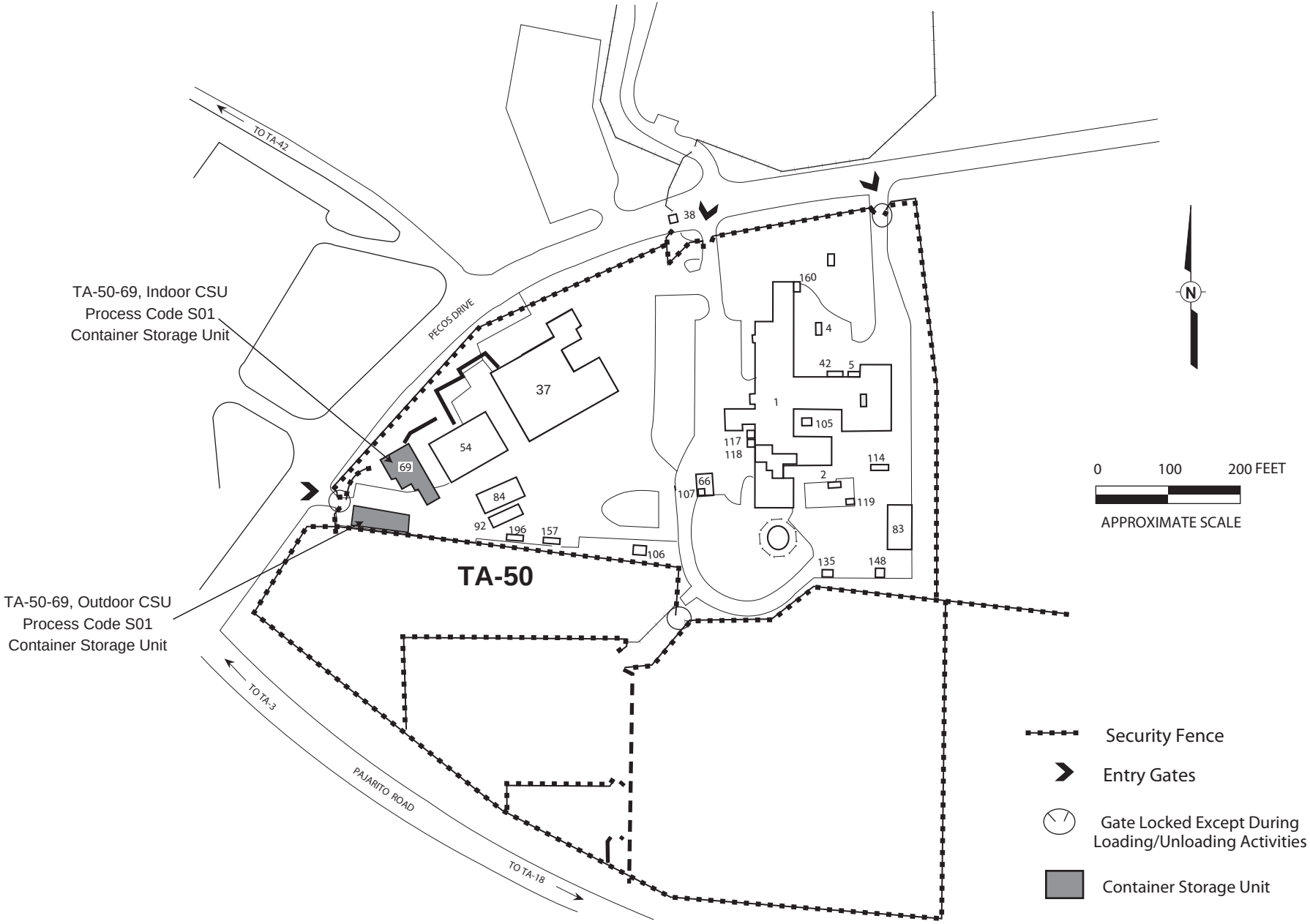


Figure 6:
Technical Area (TA) 50 Location Map Showing Security Fences, Entry Gates, and Entry Stations

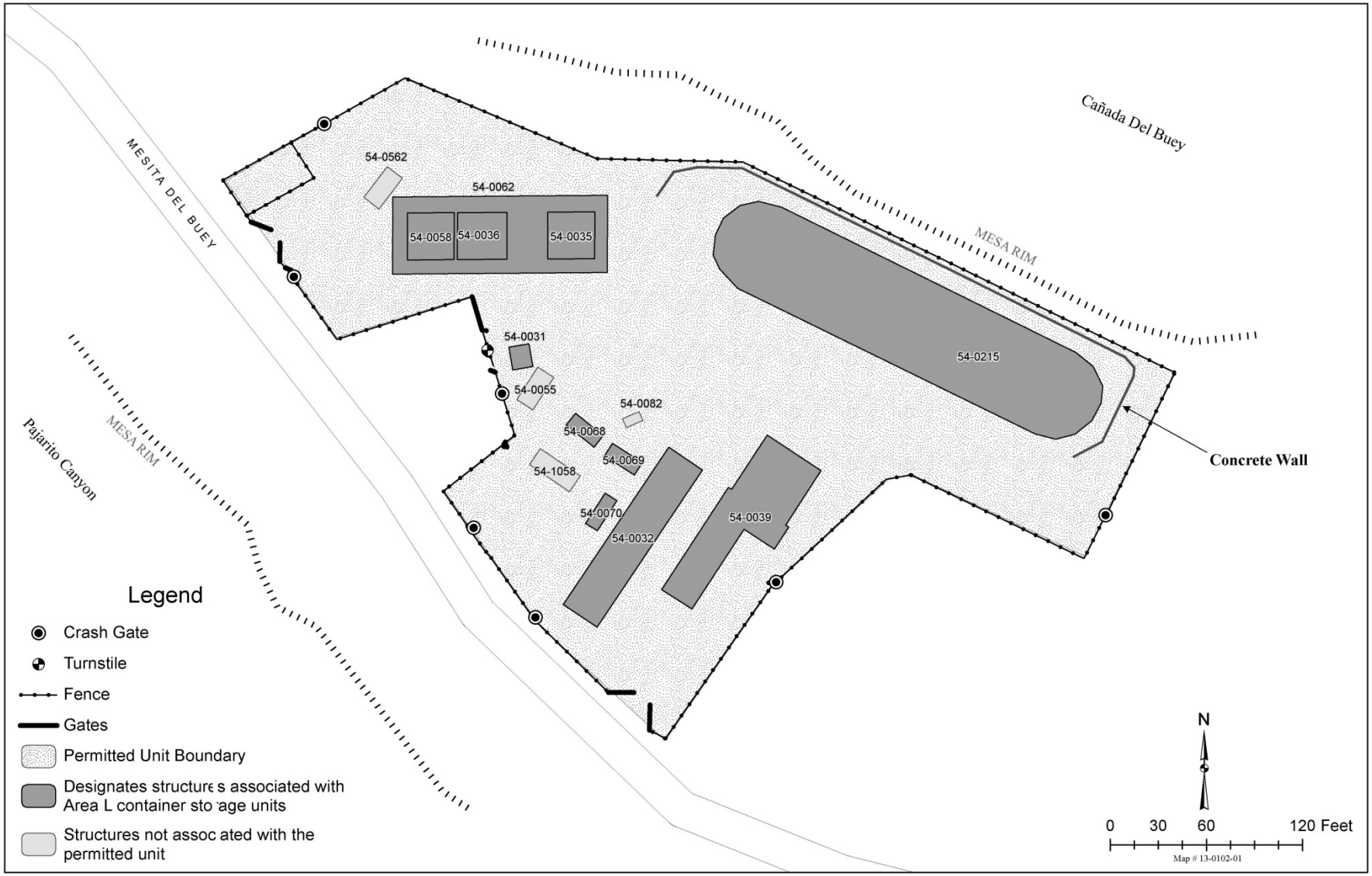
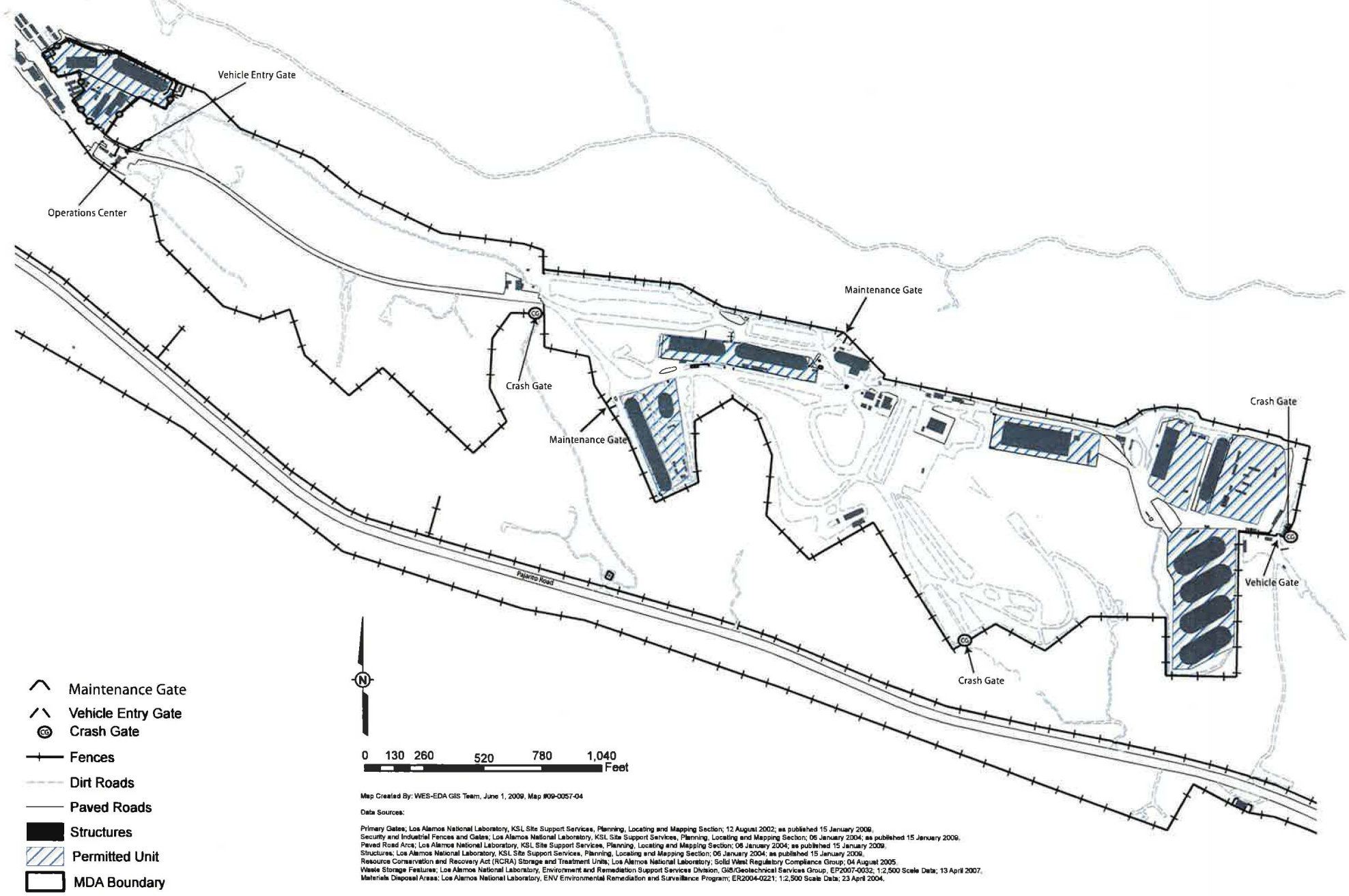


Figure 7: Technical Area 54, Area L, Security Fences, Entry Gates, and Entry Stations

Figure 8: Technical Area 54, Area G, Security Fences, Entry Gates, and Entry Stations



Map Created By: WES-EDA GIS Team, June 1, 2009, Map #09-0057-04

Data Sources:

Primary Gates; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 12 August 2002; as published 15 January 2009.
Security and Industrial Fences and Gates; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004; as published 15 January 2009.
Paved Road Arcs; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004; as published 15 January 2009.
Structures; Los Alamos National Laboratory, KSL Site Support Services, Planning, Locating and Mapping Section; 06 January 2004; as published 15 January 2009.
Resource Conservation and Recovery Act (RCRA) Storage and Treatment Units; Los Alamos National Laboratory; Solid Waste Regulatory Compliance Group; 04 August 2005.
Waste Storage Features; Los Alamos National Laboratory, Environment and Remediation Support Services Division, GIS/Geotechnical Services Group, EP2007-0032; 1:2,500 Scale Data; 13 April 2007.
Materials Disposal Areas; Los Alamos National Laboratory, ENV Environmental Remediation and Surveillance Program; ER2004-0221; 1:2,500 Scale Data; 23 April 2004.

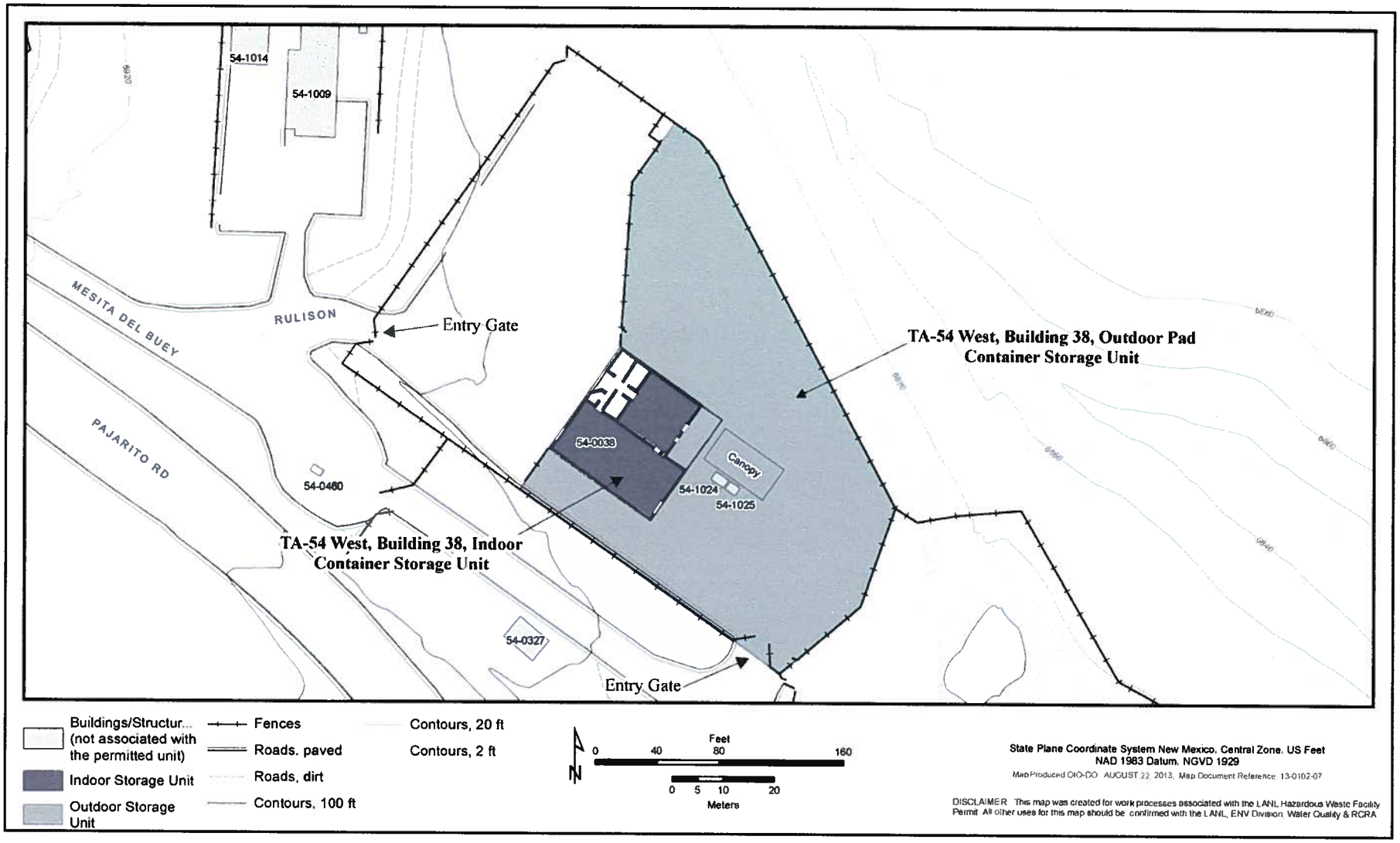


Figure 9: Technical Area (TA) 54 West Location Map Showing Security Fences, Entry Gates, and Entry Stations

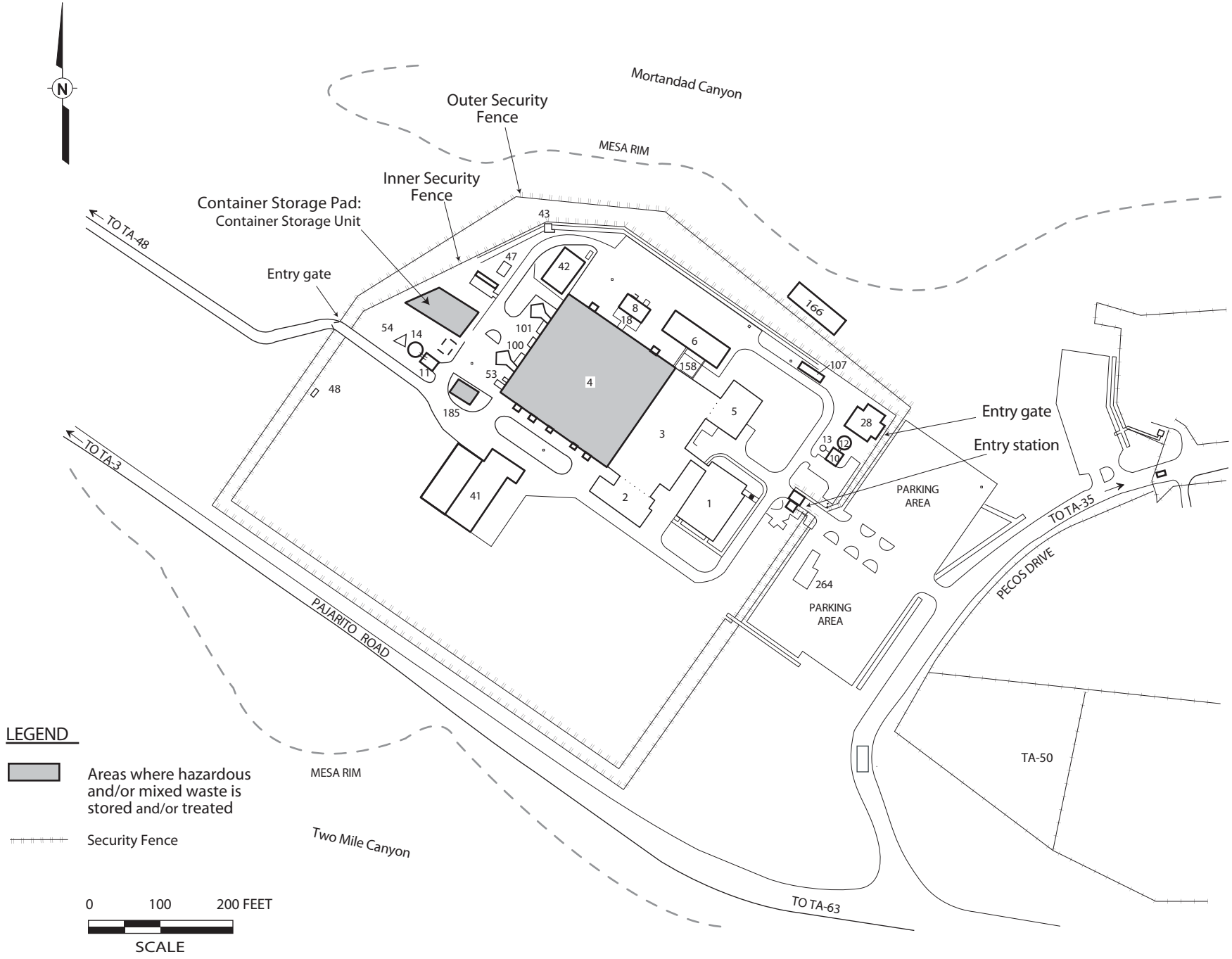


Figure 10
Technical Area (TA) 55 Location Map Showing Security Fences, Entry Gates, and Entry Stations

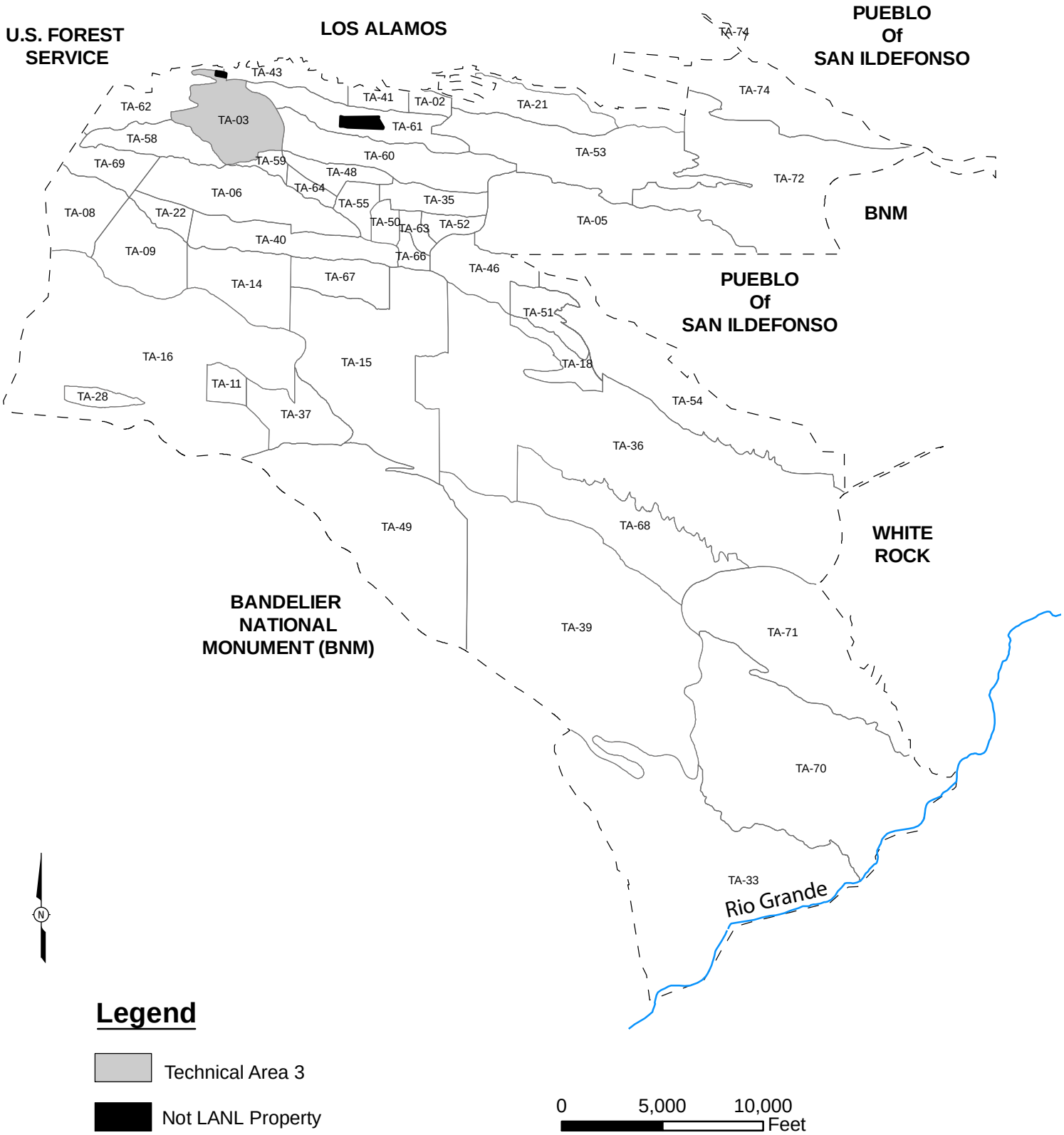


Figure 11:

Technical Area (TA) 3 Location Map

Created by EP-WES-EDA GIS TEAM. Map Number 06-0108 November 13, 2008, modified by ENV-RCRA August 2009
State Plane Coordinate System New Mexico Central Zone North American Datum 1983 (ft)
This map was created for work processes associated with the Environmental &Remediation Support Services. All other uses for this map should be confirmed with LANL EP-WES staff.
Boundary of Department of Energy Property I Around the Los Alamos National Laboratory; Los Alamos National Laboratory, SSMO Site Planning & Project Initiation; infrastructure Planning Office. 04 June 2008
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

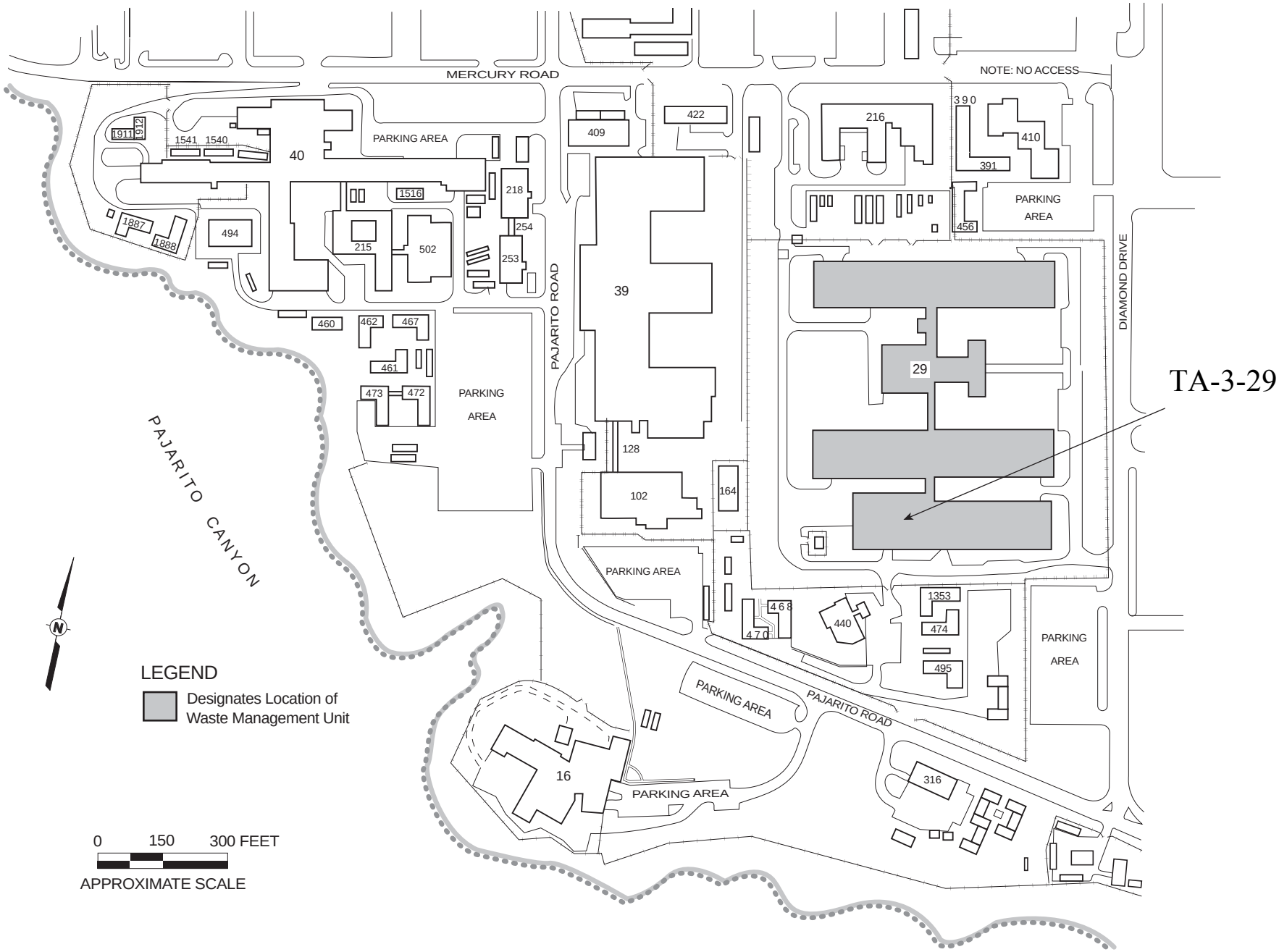


Figure 12:
Technical Area (TA) 3, Building 29, Location Map

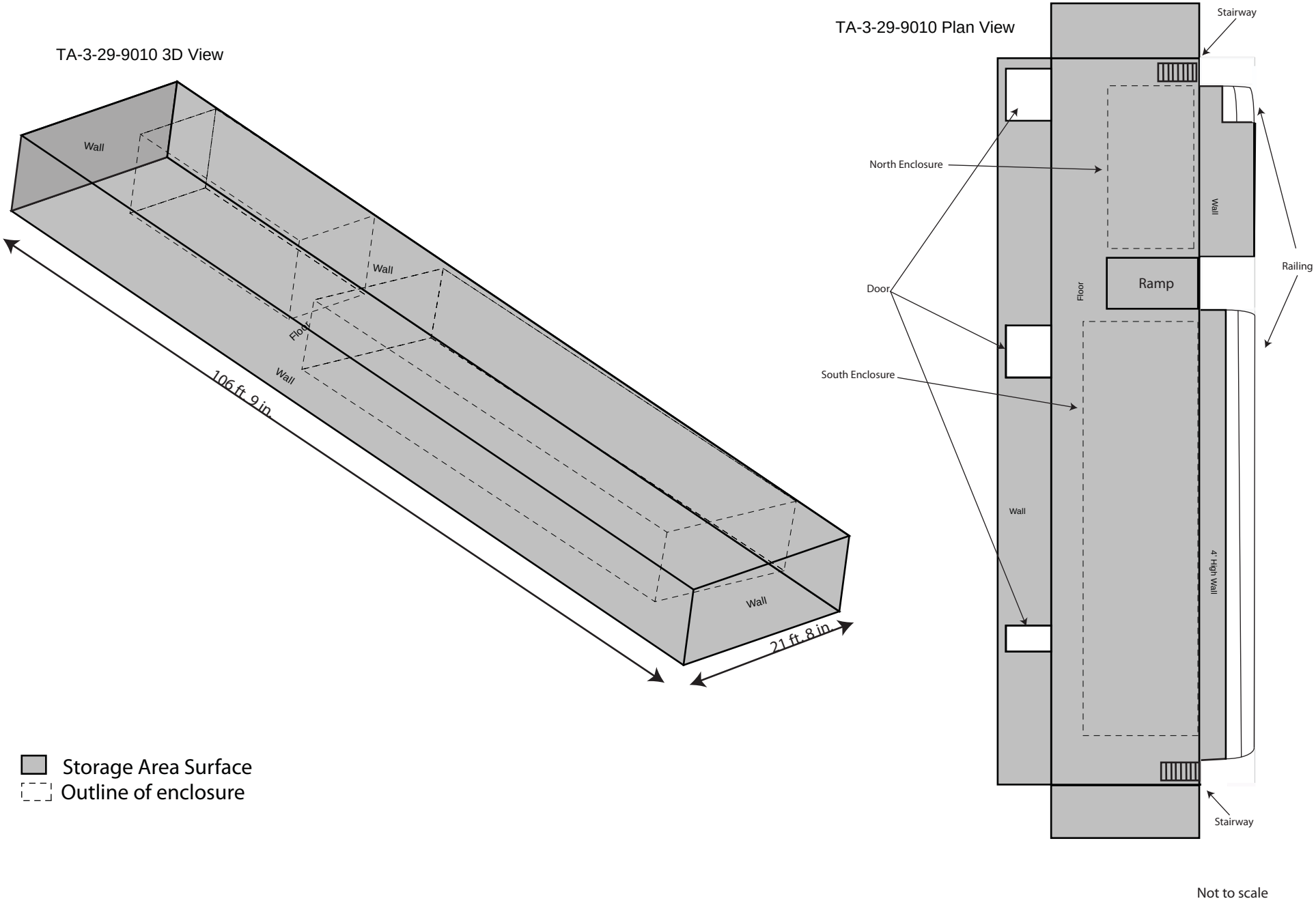


Figure 13:
Technical Area (TA) 3, Building 29, Room 9010

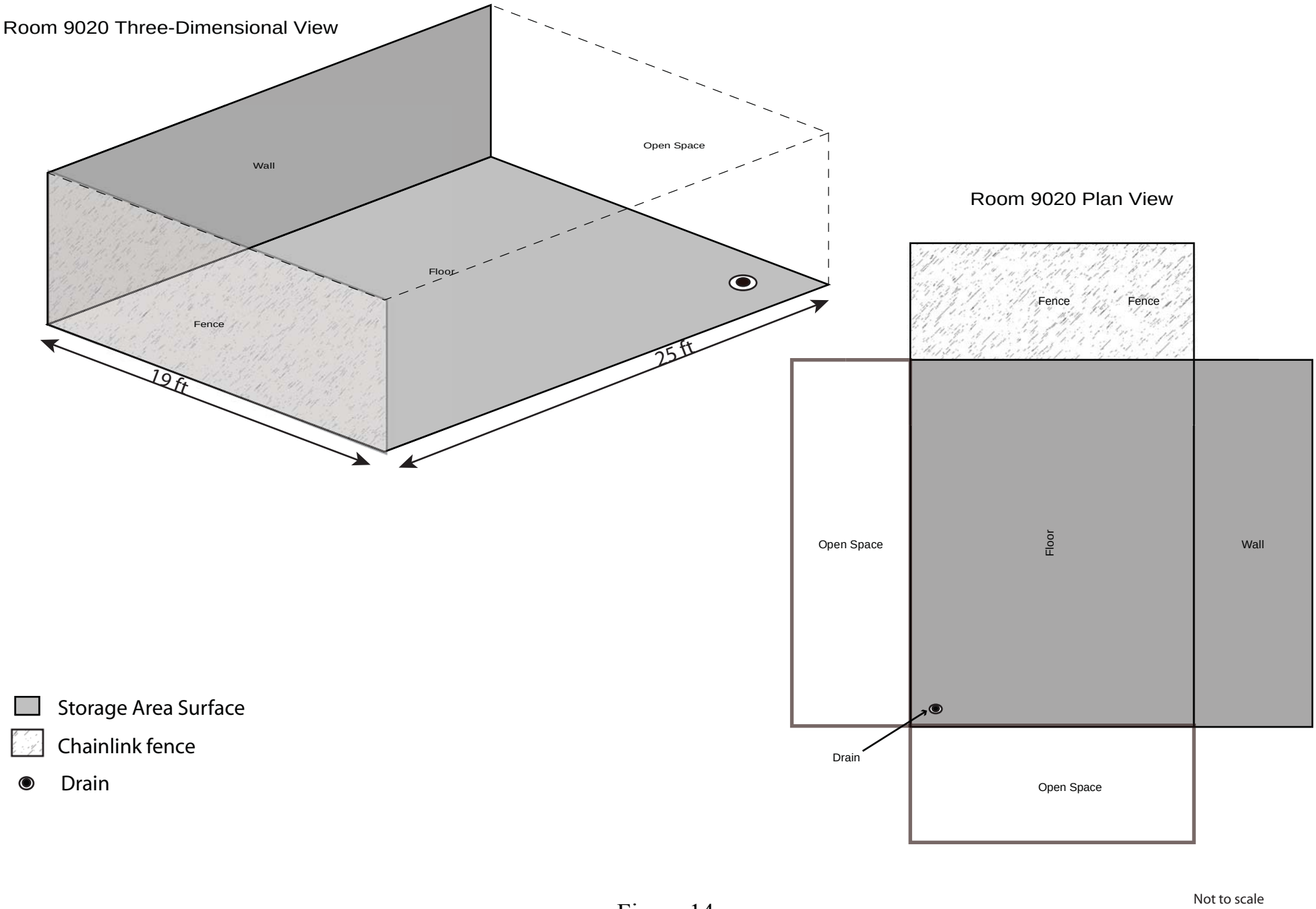


Figure 14:

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

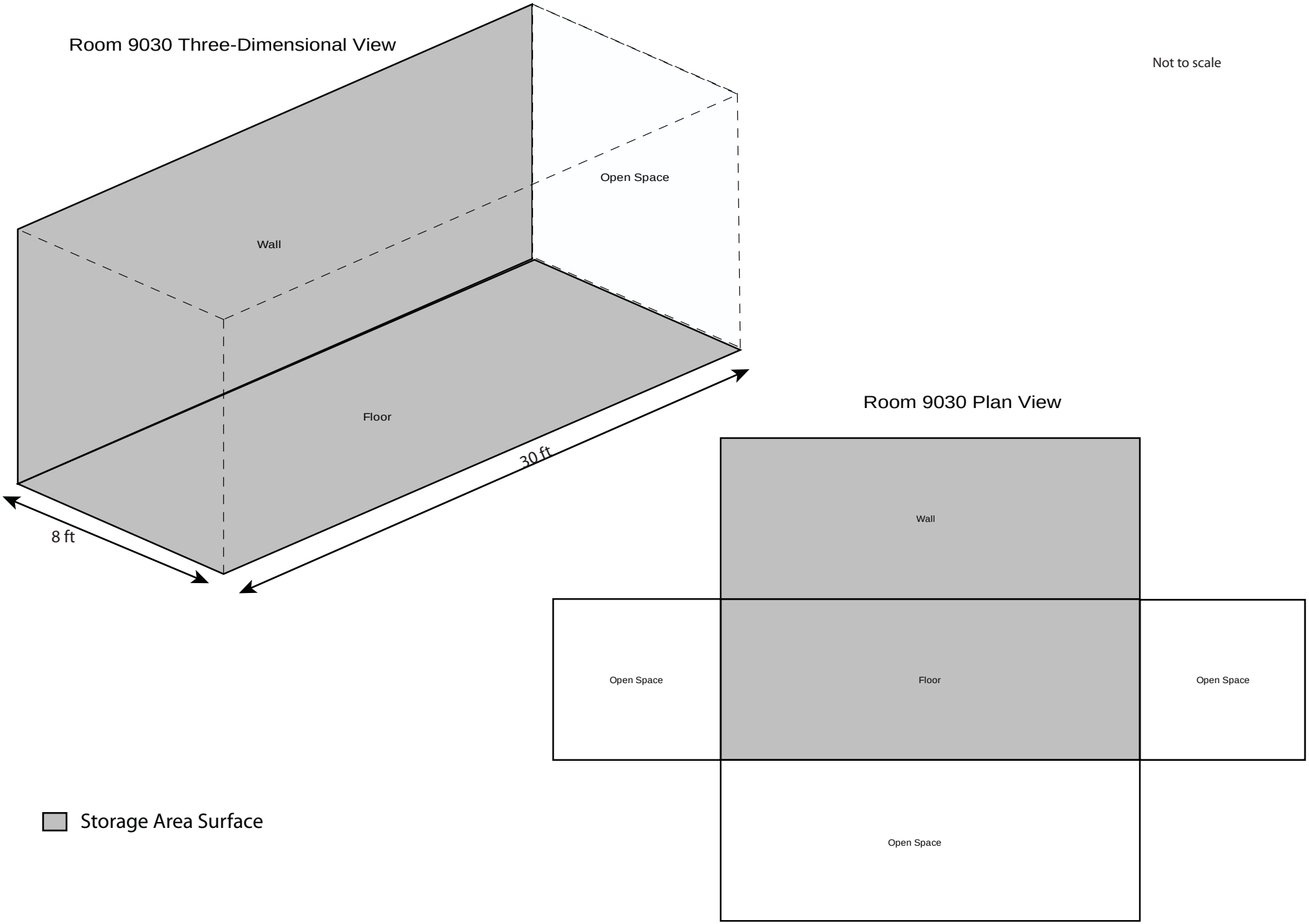


Figure 15:

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

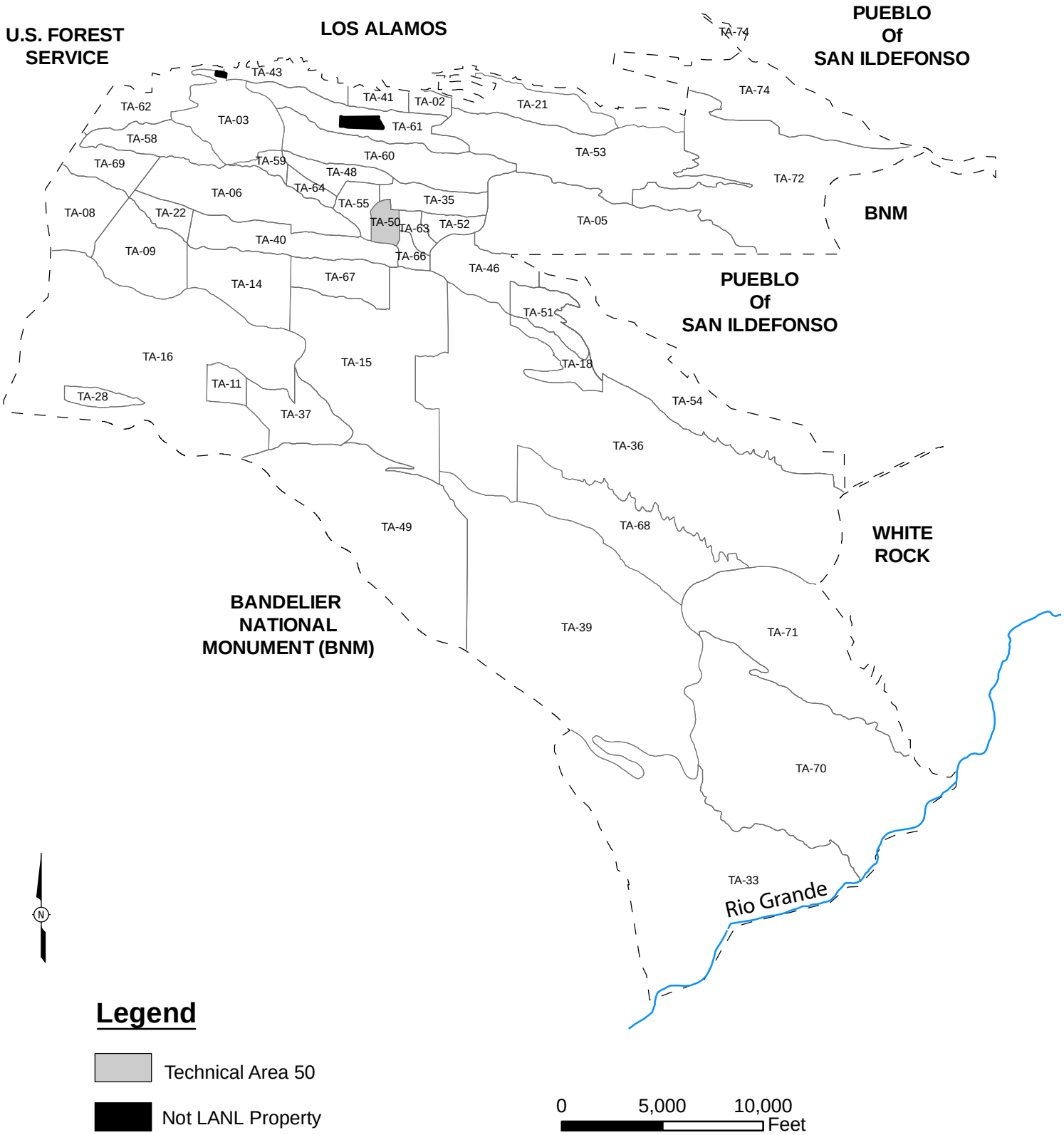
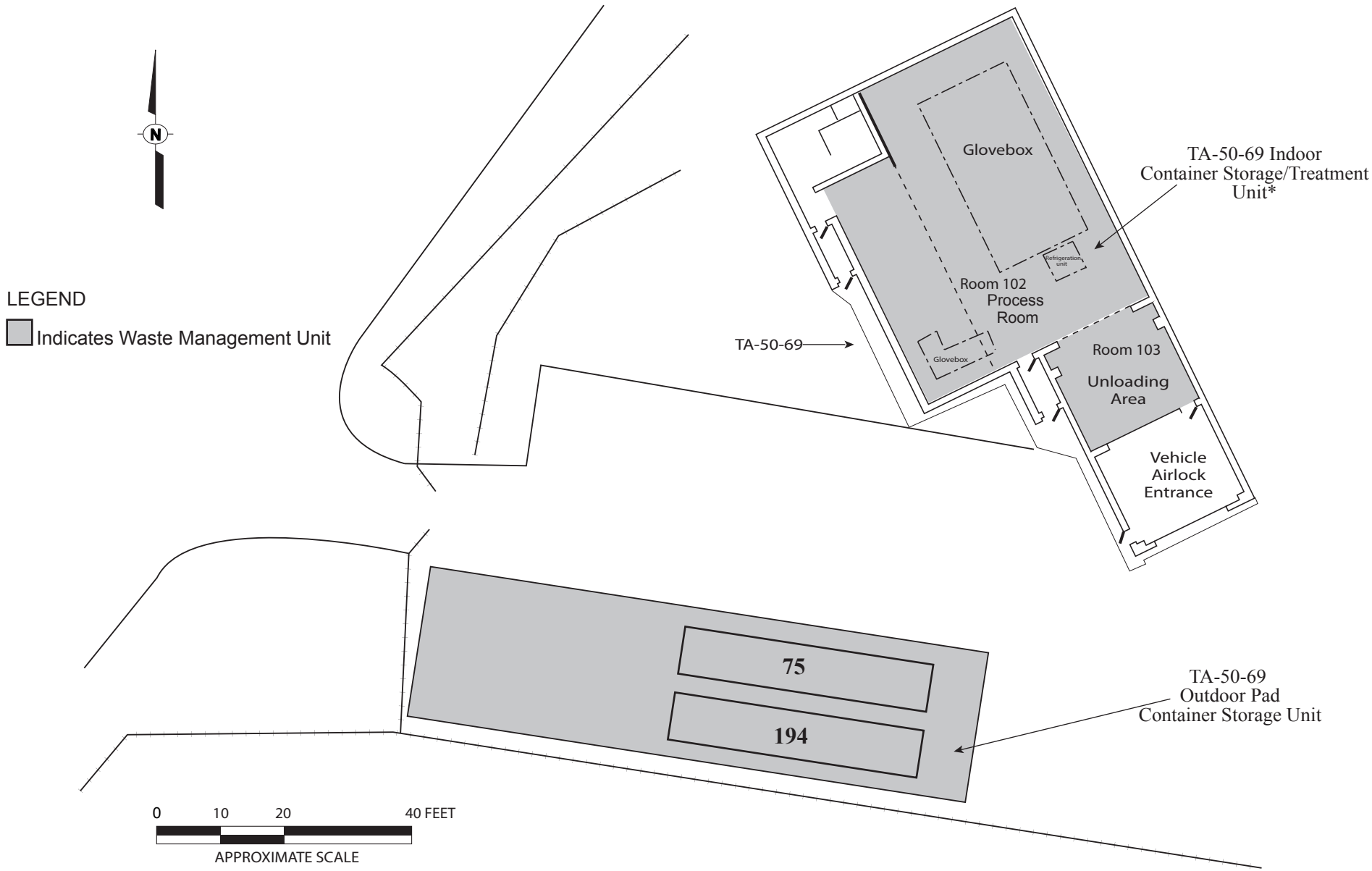


Figure 22:

Technical Area (TA) 50 Location Map

Created by EP-WES-EDA GIS TEAM. Map Number 06-0108 November 13, 2008, modified by ENV-RCRA August 2009
State Plane Coordinate System New Mexico Central Zone North American Datum 1983 (ft)
This map was created for work processes associated with the Environmental &Remediation Support Services. All other uses for this map should be confirmed with LANL EP-WES staff.
Boundary of Department of Energy Property I Around the Los Alamos National Laboratory; Los Alamos National Laboratory, SSMO Site Planning & Project Initiation; infrastructure Planning Office. 04 June 2008
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



*Note: Container Storage Area in Building 69 does not include mezzanine.

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

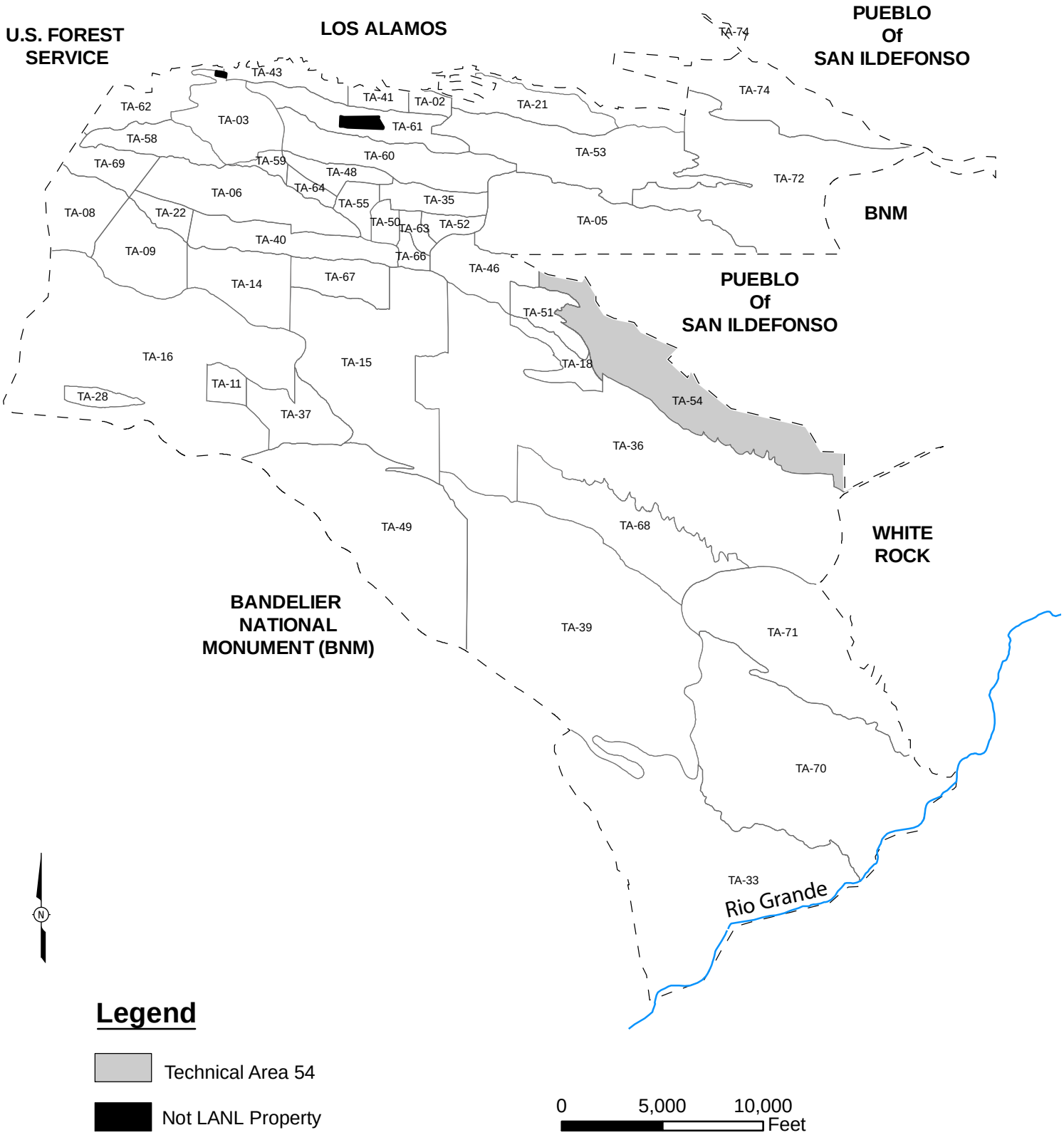


Figure 24:

Technical Area (TA) 54 Location Map

Created by EP-WES-EDA GIS TEAM. Map Number 06-0108 November 13, 2008, modified by ENV-RCRA August 2009
State Plane Coordinate System New Mexico Central Zone North American Datum 1983 (ft)
This map was created for work processes associated with the Environmental &Remediation Support Services. All other uses for this map should be confirmed with LANL EP-WES staff.
Boundary of Department of Energy Property I Around the Los Alamos National Laboratory; Los Alamos National Laboratory, SSMO Site Planning & Project Initiation; infrastructure Planning Office. 04 June 2008
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

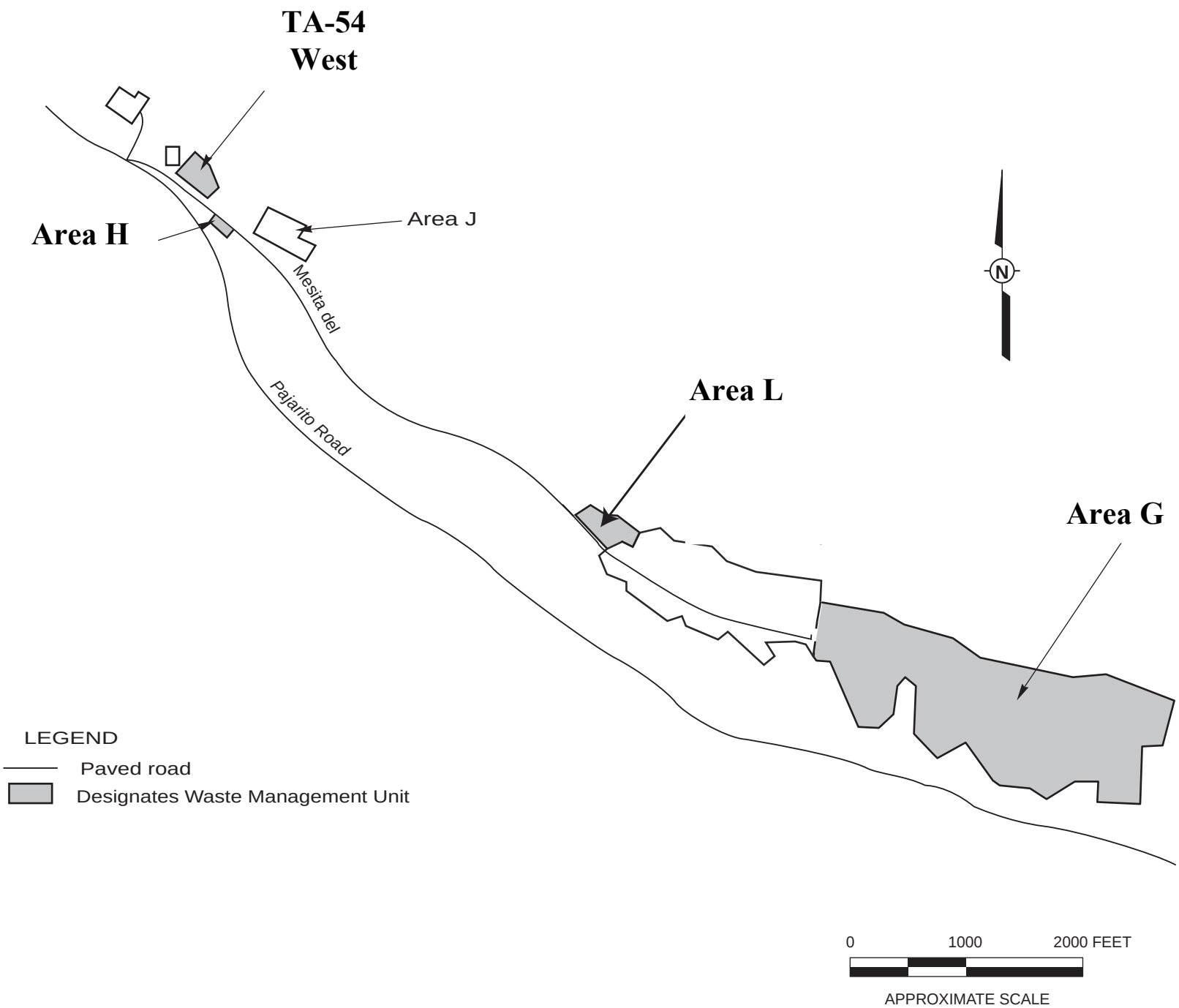


Figure 25
Technical Area (TA)-54, Areas G, H, L, and TA-54 West Location Map

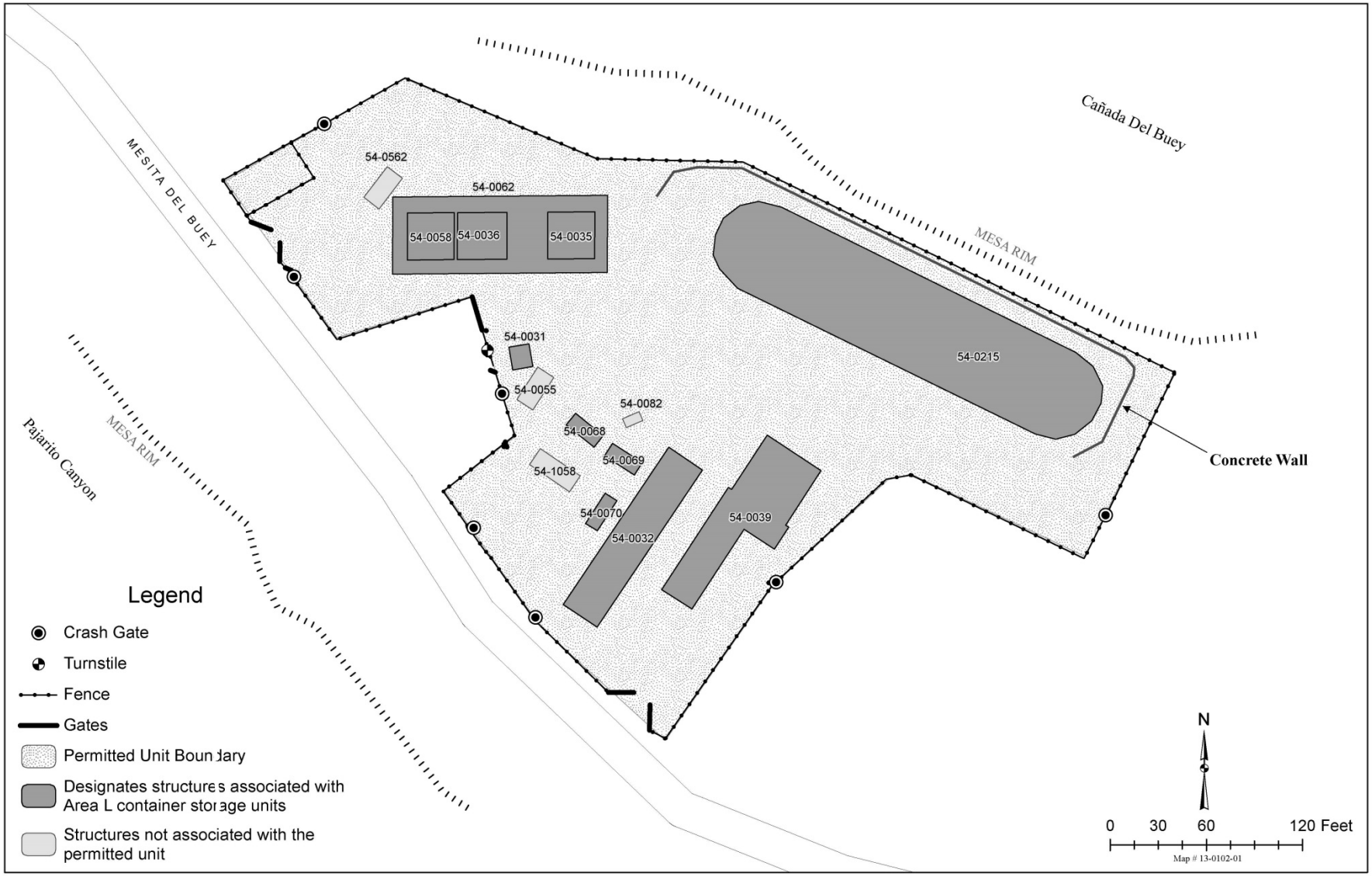


Figure 26: Technical Area 54, Area L, Container Storage Unit

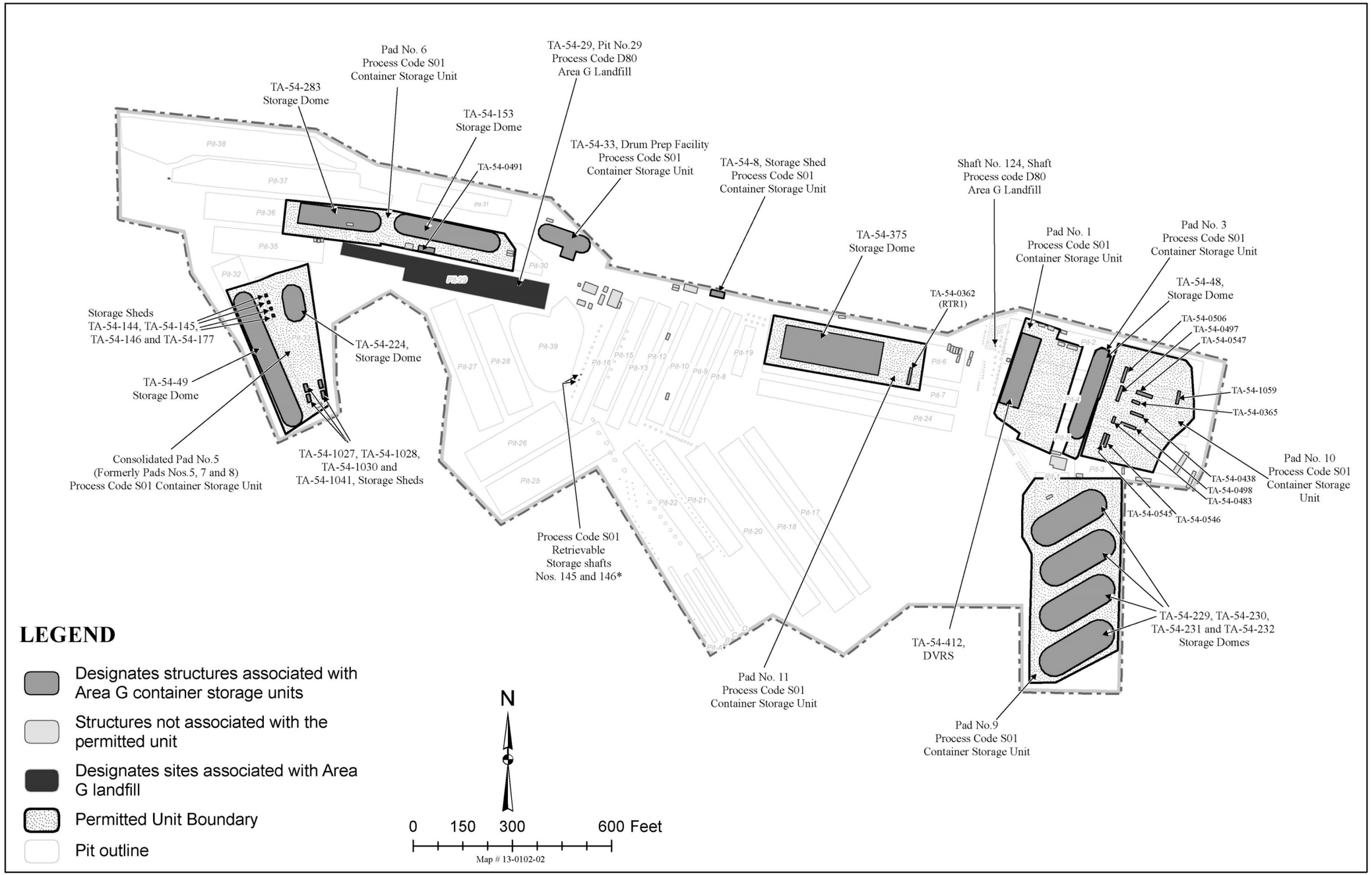


Figure 27: Technical Area 54, Area G, Container Storage Units

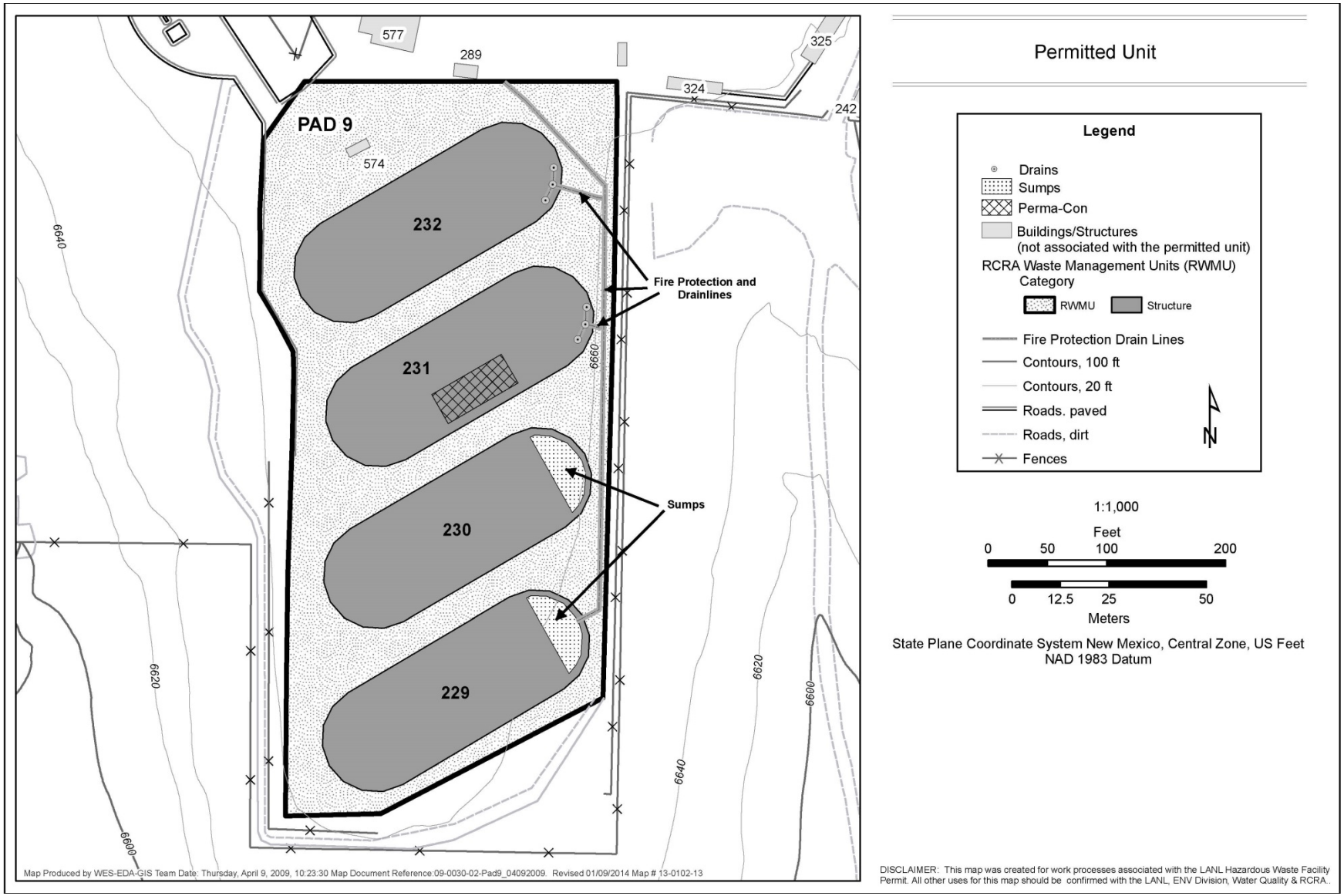


Figure 28: Technical Area (TA)-54, Area G, Pad 9 (TWISP Domes 229, 230, 231 & 232)

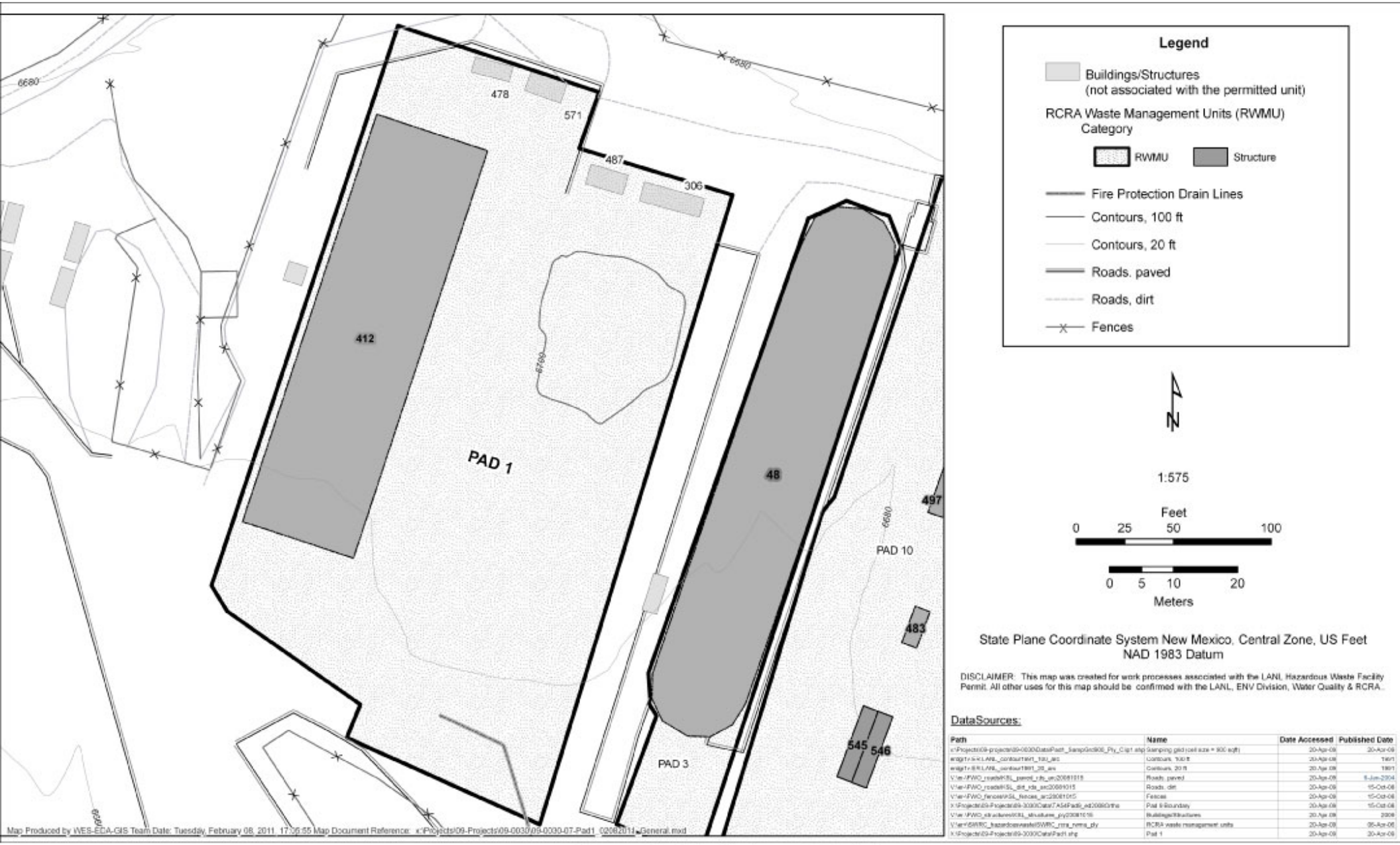
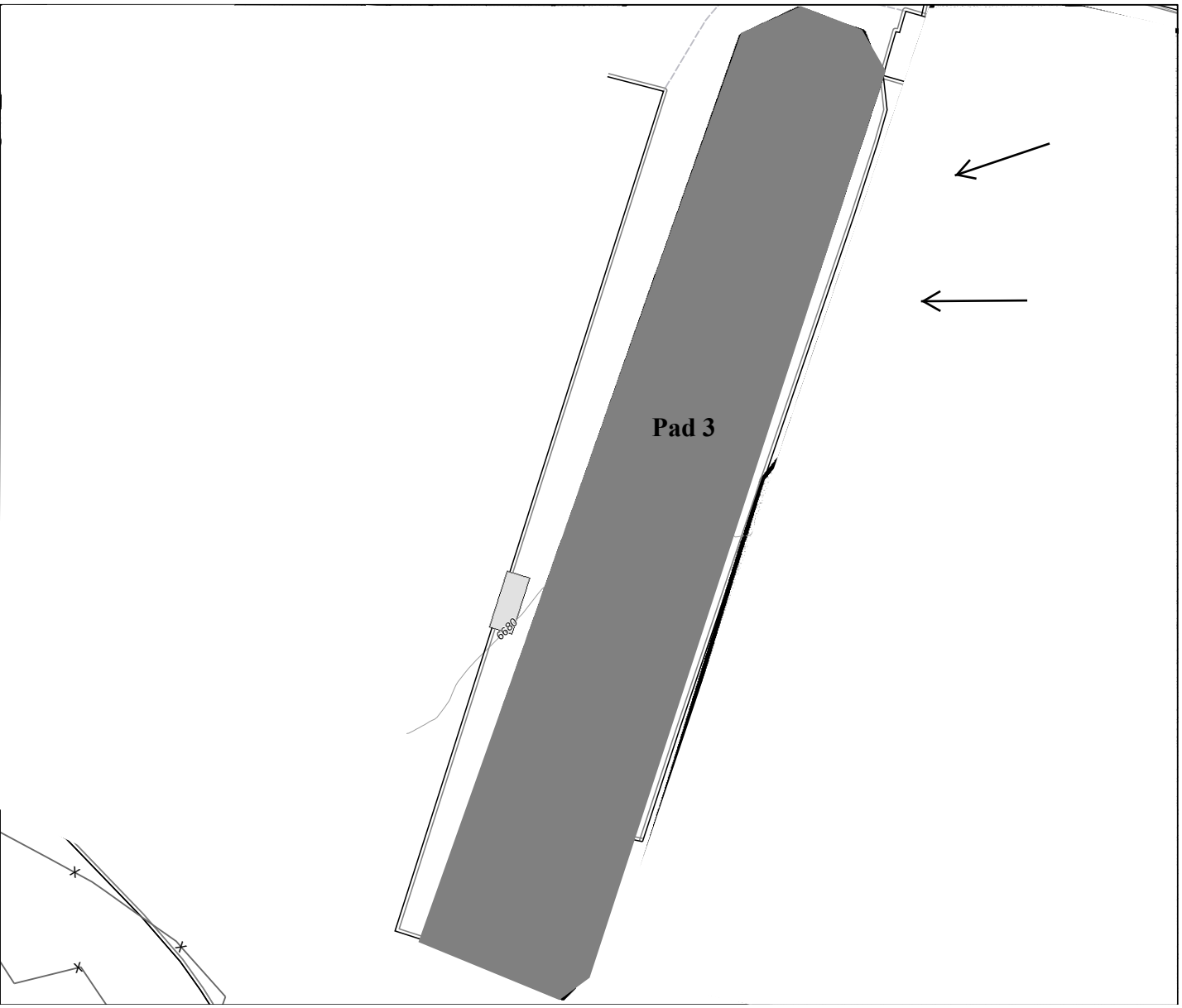


Figure 29: TA-54, Area G, Pad 1



Legend

Buildings/Structures
(not associated with the permitted unit)

RCRA Waste Management Units (RWMU)
Category

RWMU

Contours, 100 ft

Contours, 20 ft

Roads. paved

Roads, dirt

Fences

N

1:475

Feet
0 25 50 100

0 3.5 7 14
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 30:
Technical Area (TA)-54, Area G, Pad 3

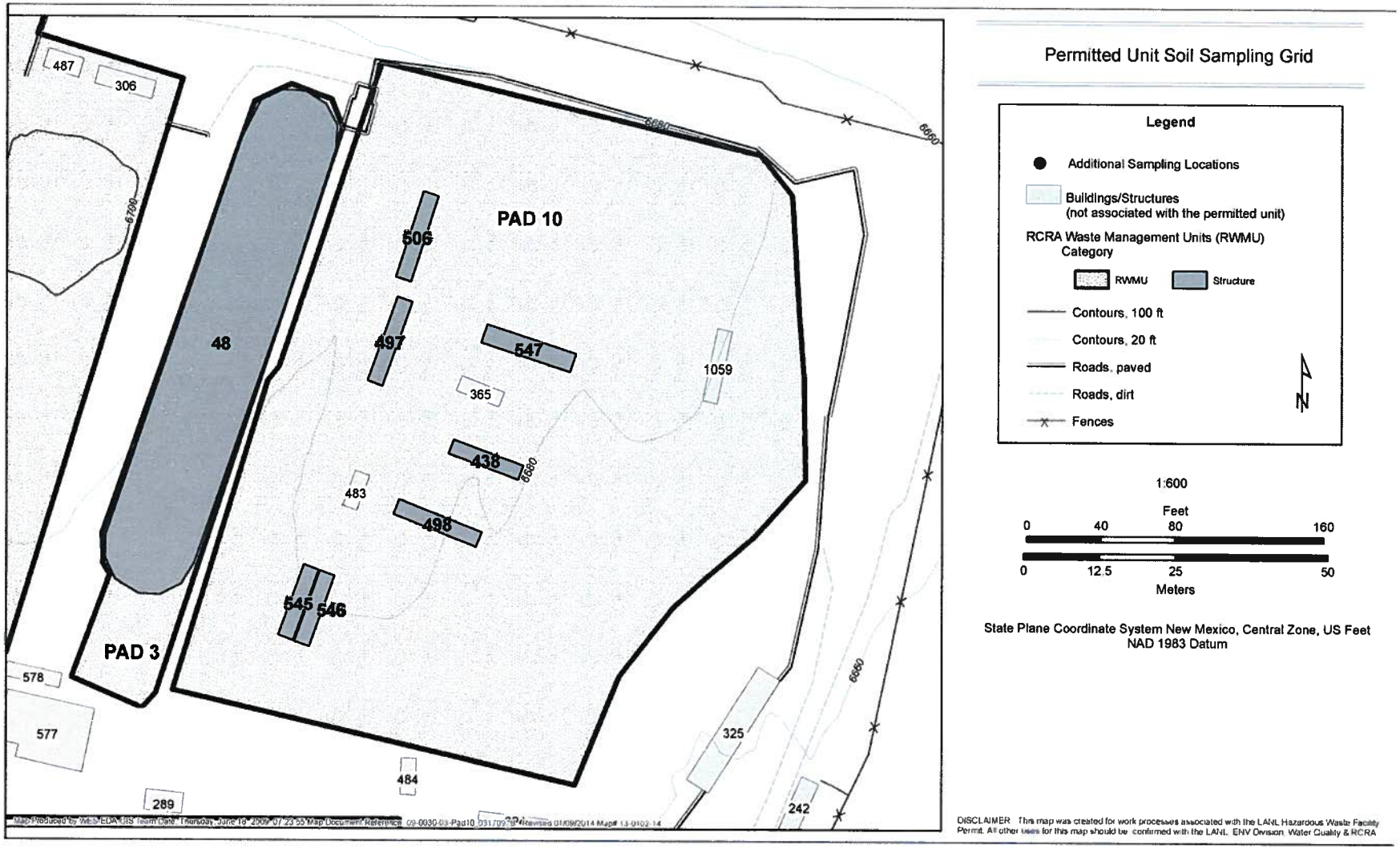


Figure 31: TA-54, Area G, Pad 10

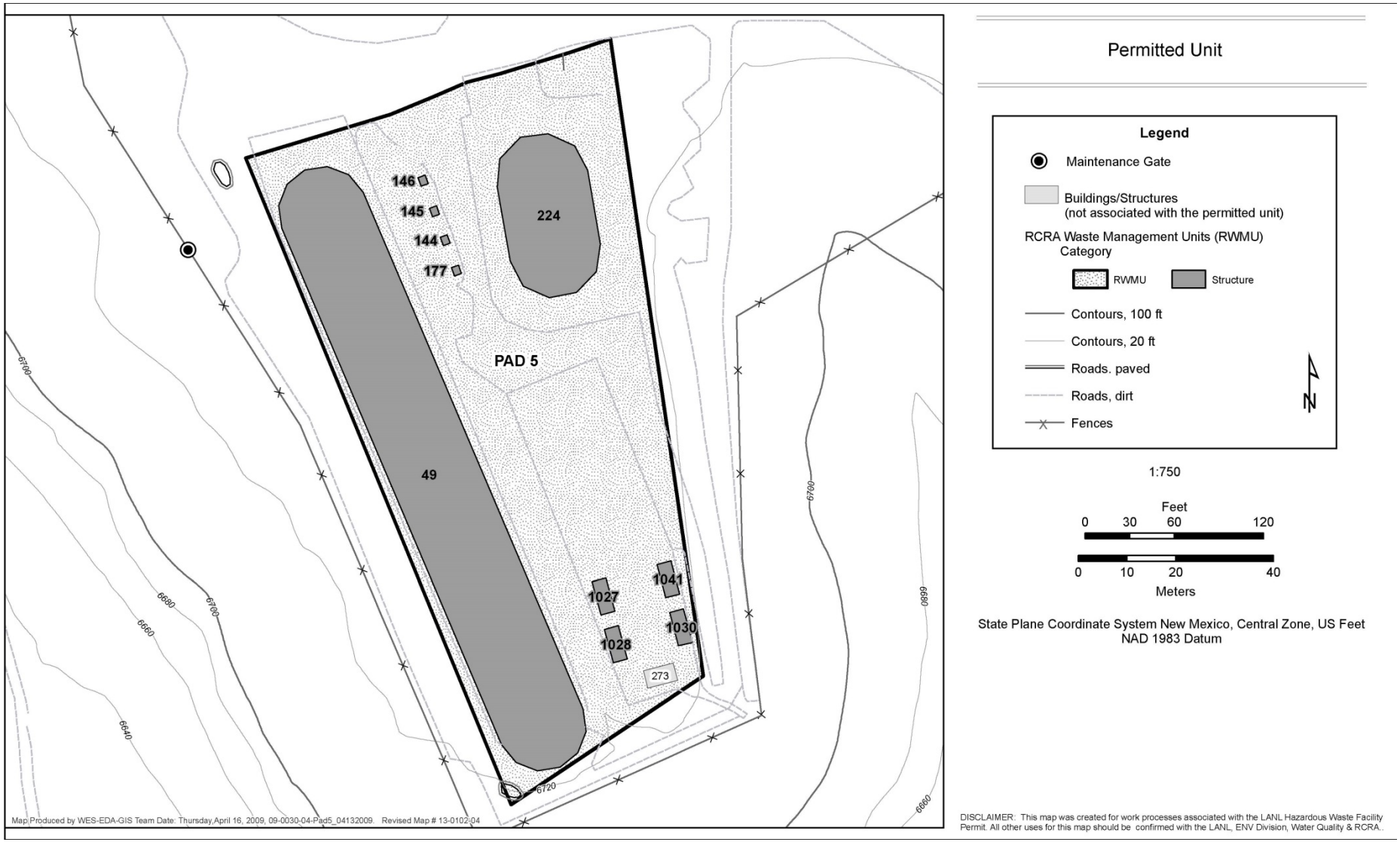


Figure 32: Technical Area (TA)-54, Area G, Pad 5 (Domes 49 and 224; Storage Sheds 144, 145, 146, 177, 1027, 1028, 1030, and 1041)

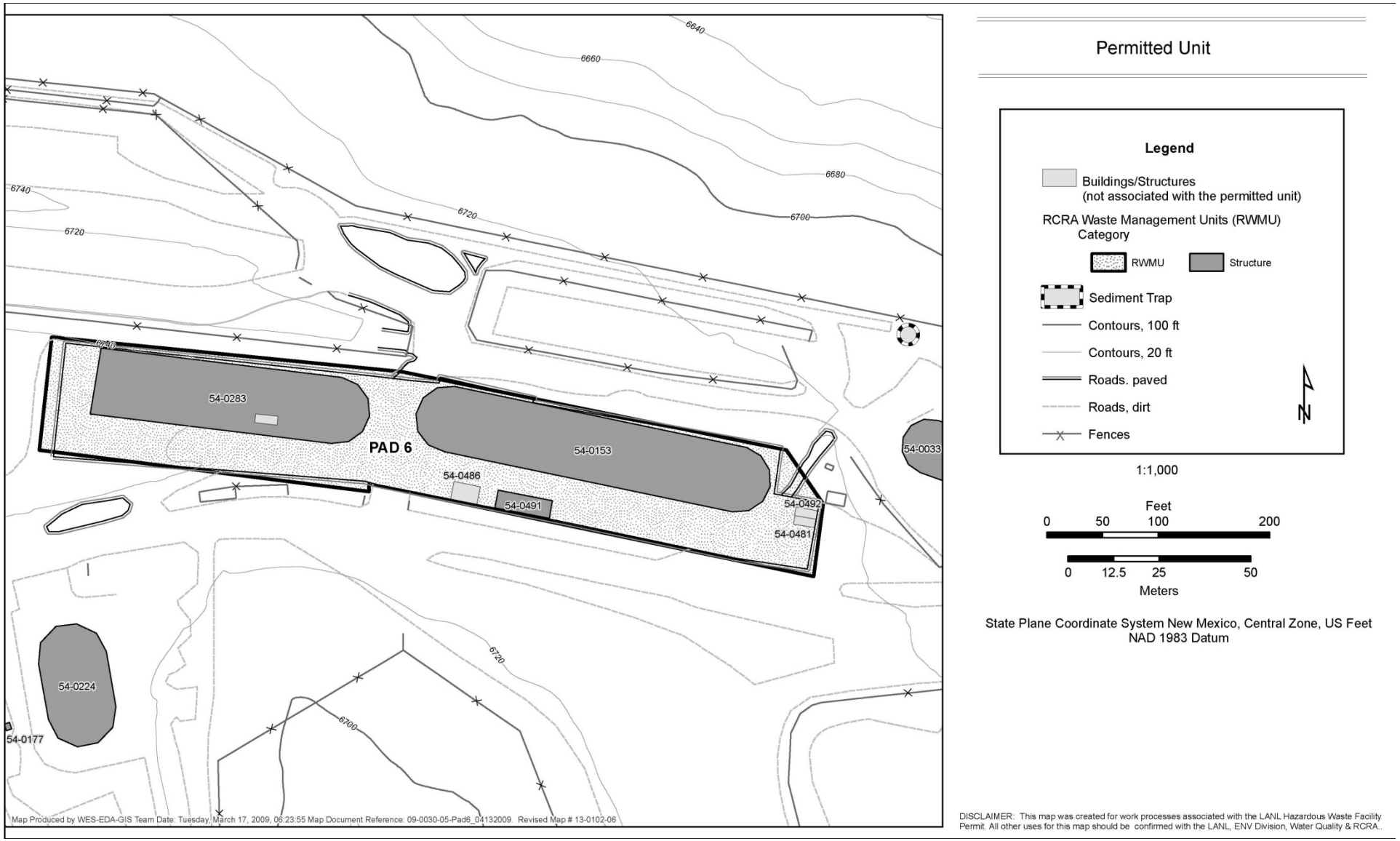


Figure 33: Technical Area (TA)-54, Area G, Pad 6, (Domes 153 & 283)

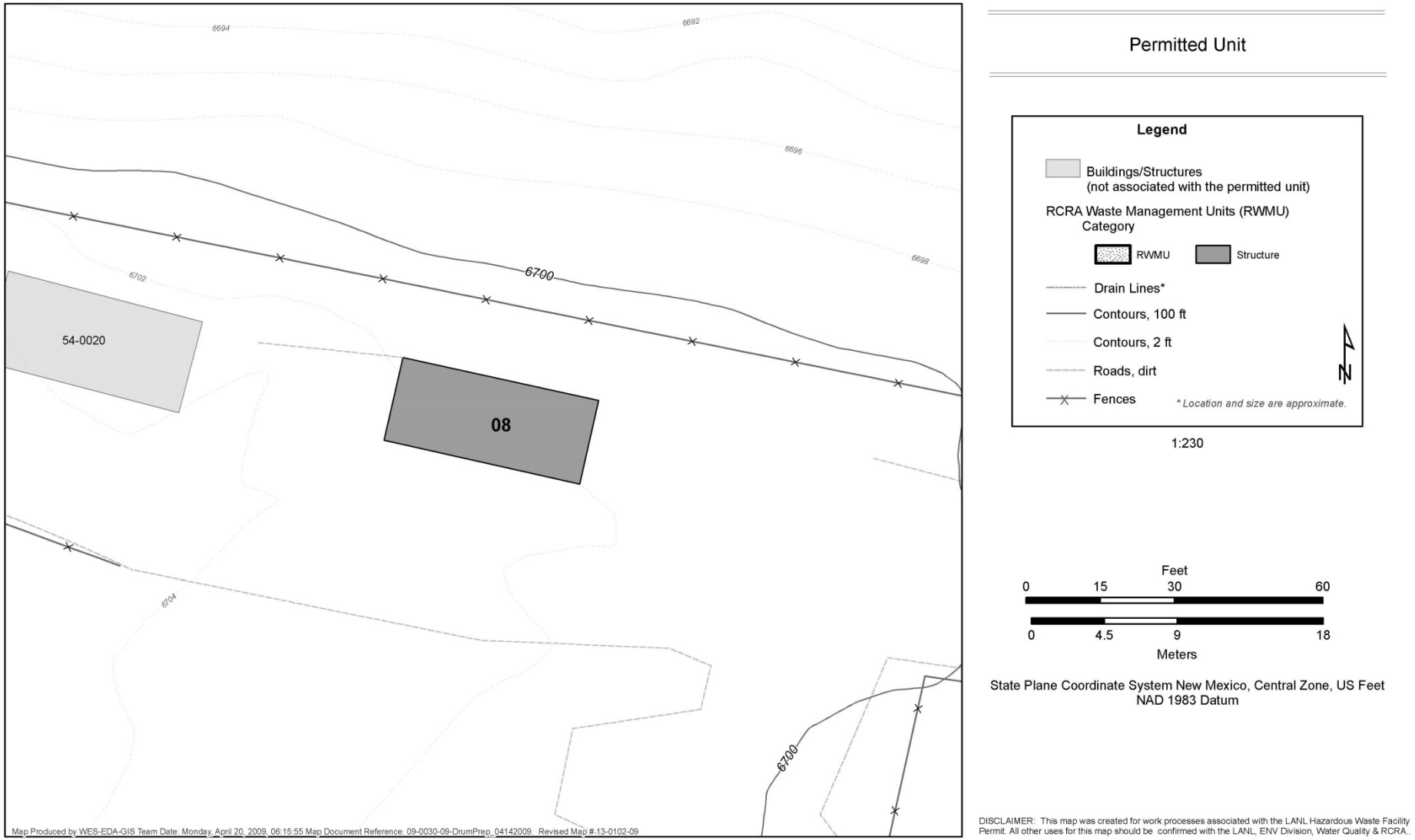
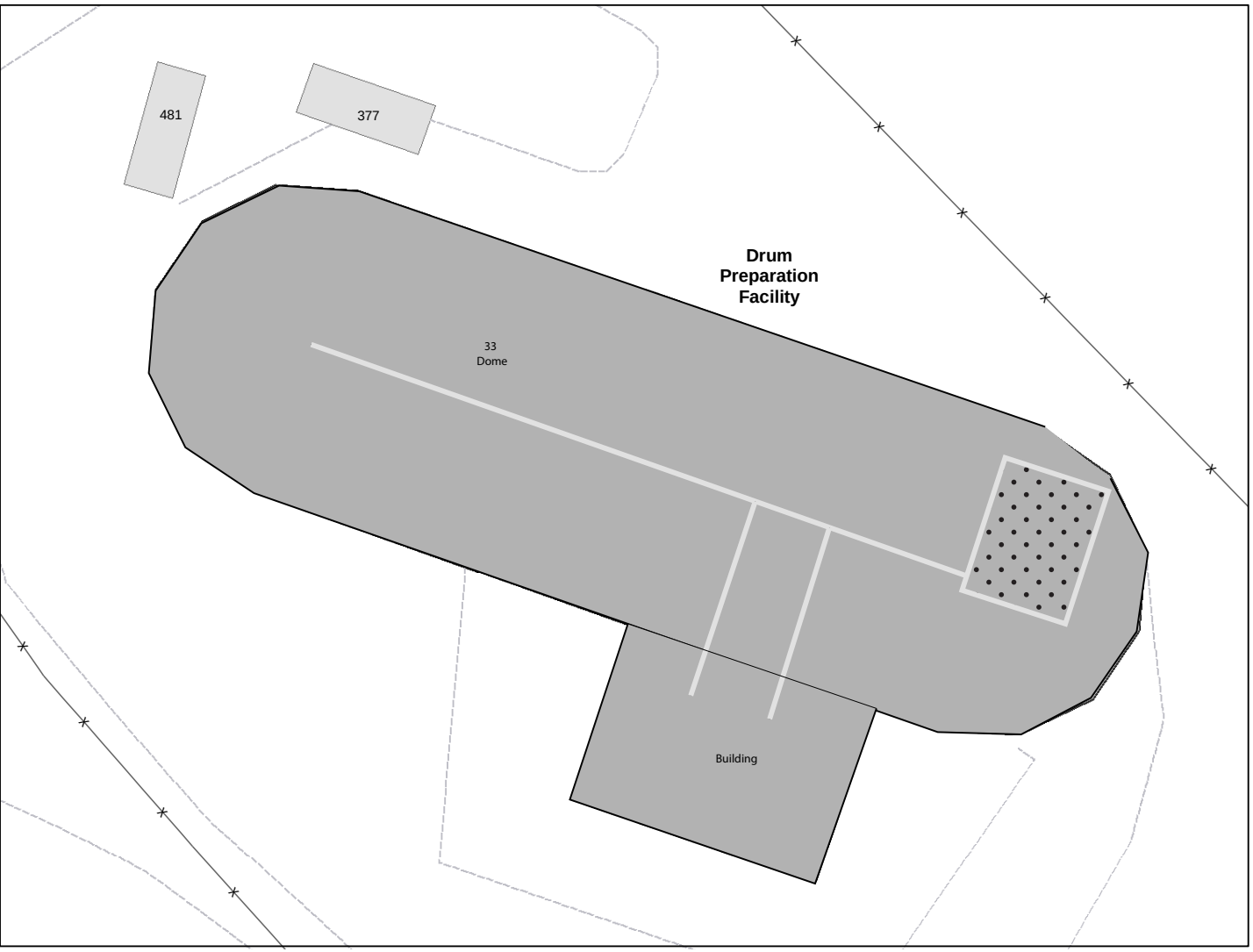


Figure 34: Technical Area (TA)-54, Area G, Storage Shed 8



Legend

Sumps*

Buildings/Structures
(not associated with the permitted unit)

RCRA Waste Management Units (RWMU)
Category

RWMU

Structure

Drain Lines*

Contours, 100 ft

Contours, 20 ft

Roads. paved

Roads, dirt

Fences

** Location and size are approximate.*

N

1:230

Feet

0 15 30 60

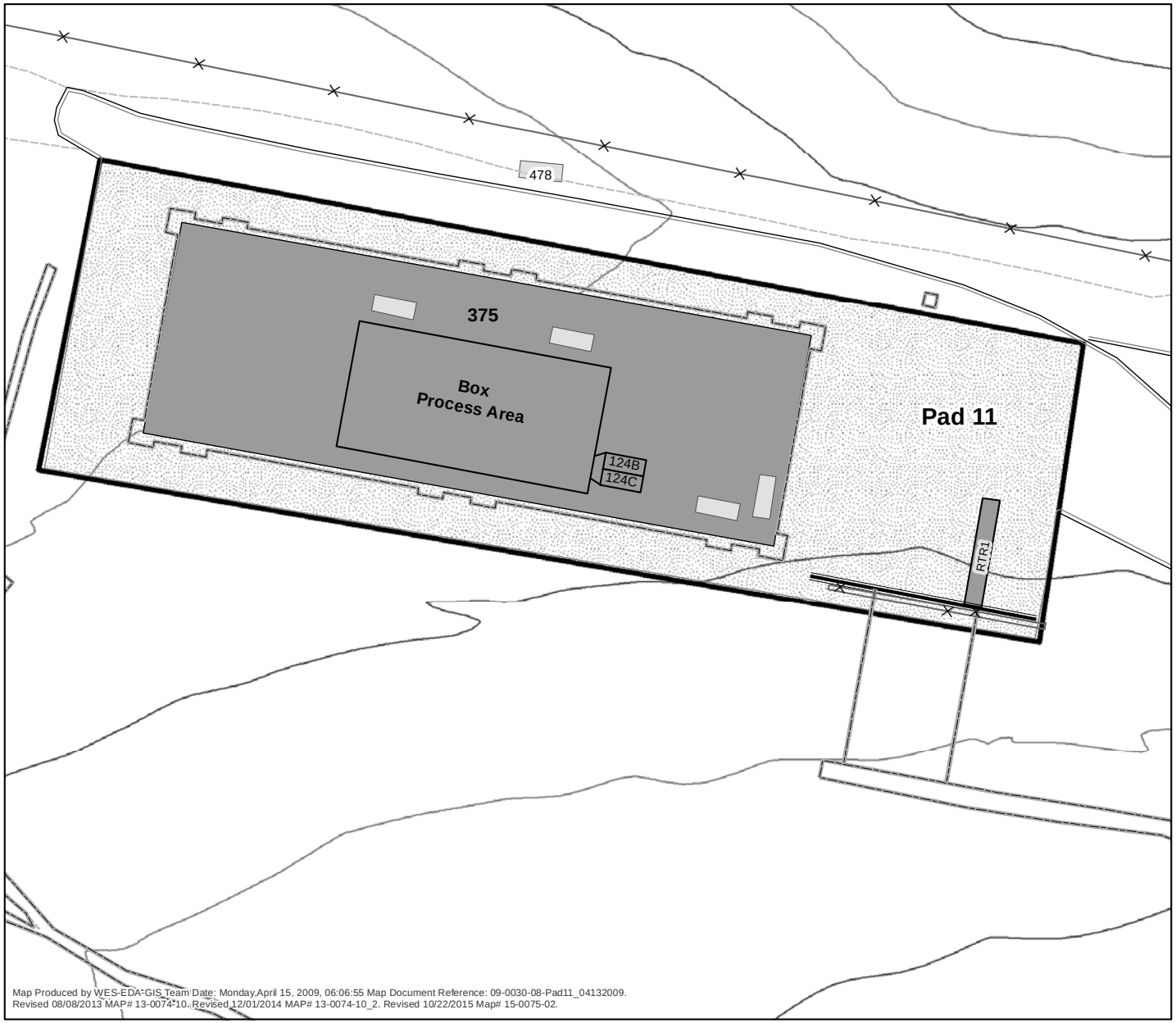
0 4.5 9 18

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



Permitted Unit Soil Sampling Grid

Legend

Buildings/Structures
(not associated with the permitted unit)

RCRA Waste Management Units (RWMU)
Category

RWMU

Structure

Drain Lines

Drain

Contours, 20 ft

Roads. paved

Roads, dirt

Fences

N

1:650

Feet

0 40 80 160

0 10 20 40

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 36: TA-54, Area G, Pad 11

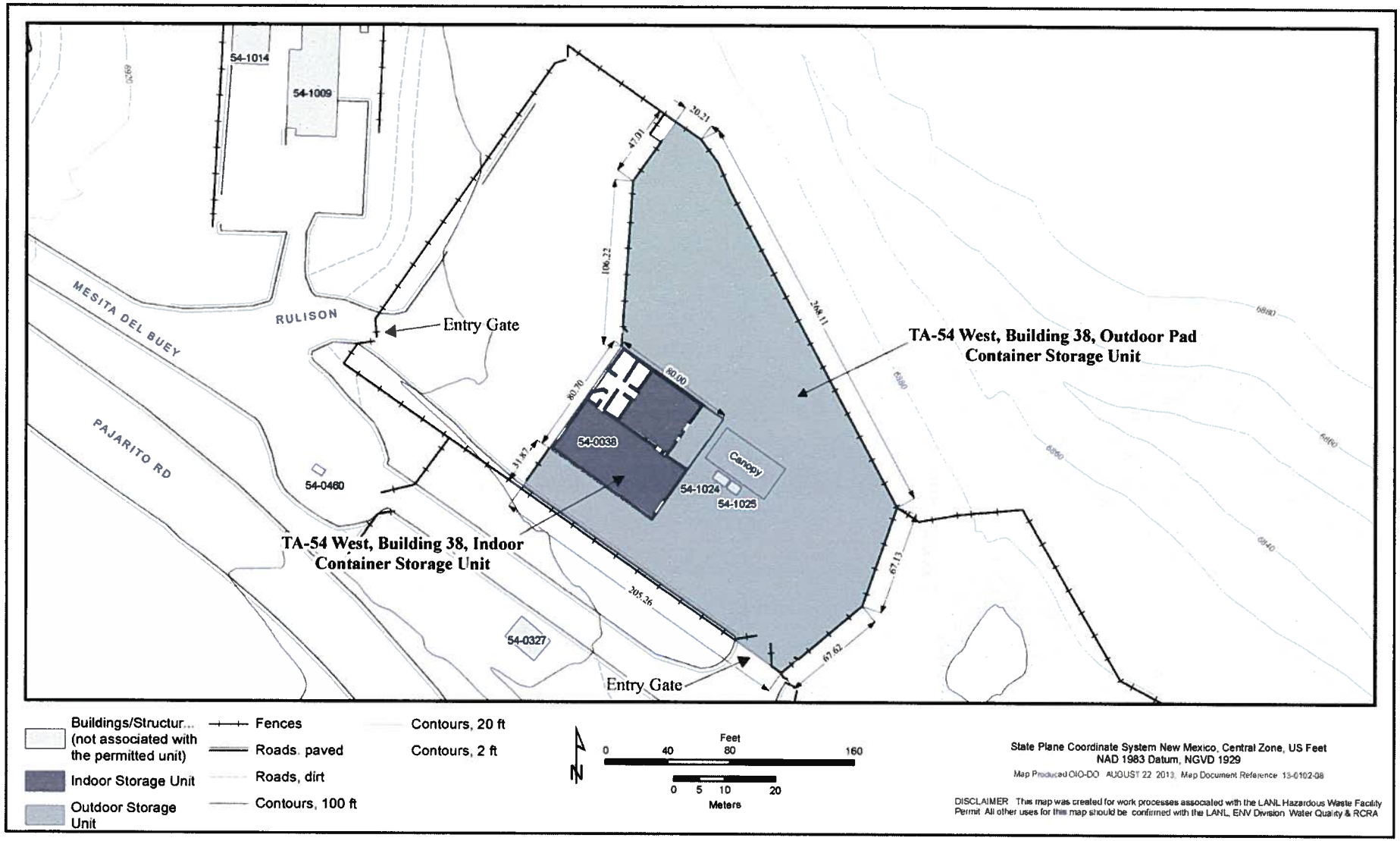


Figure 37: Technical Area (TA) 54 West, Building 38 Indoor (High Bay and Low Bay) and Outdoor Pad

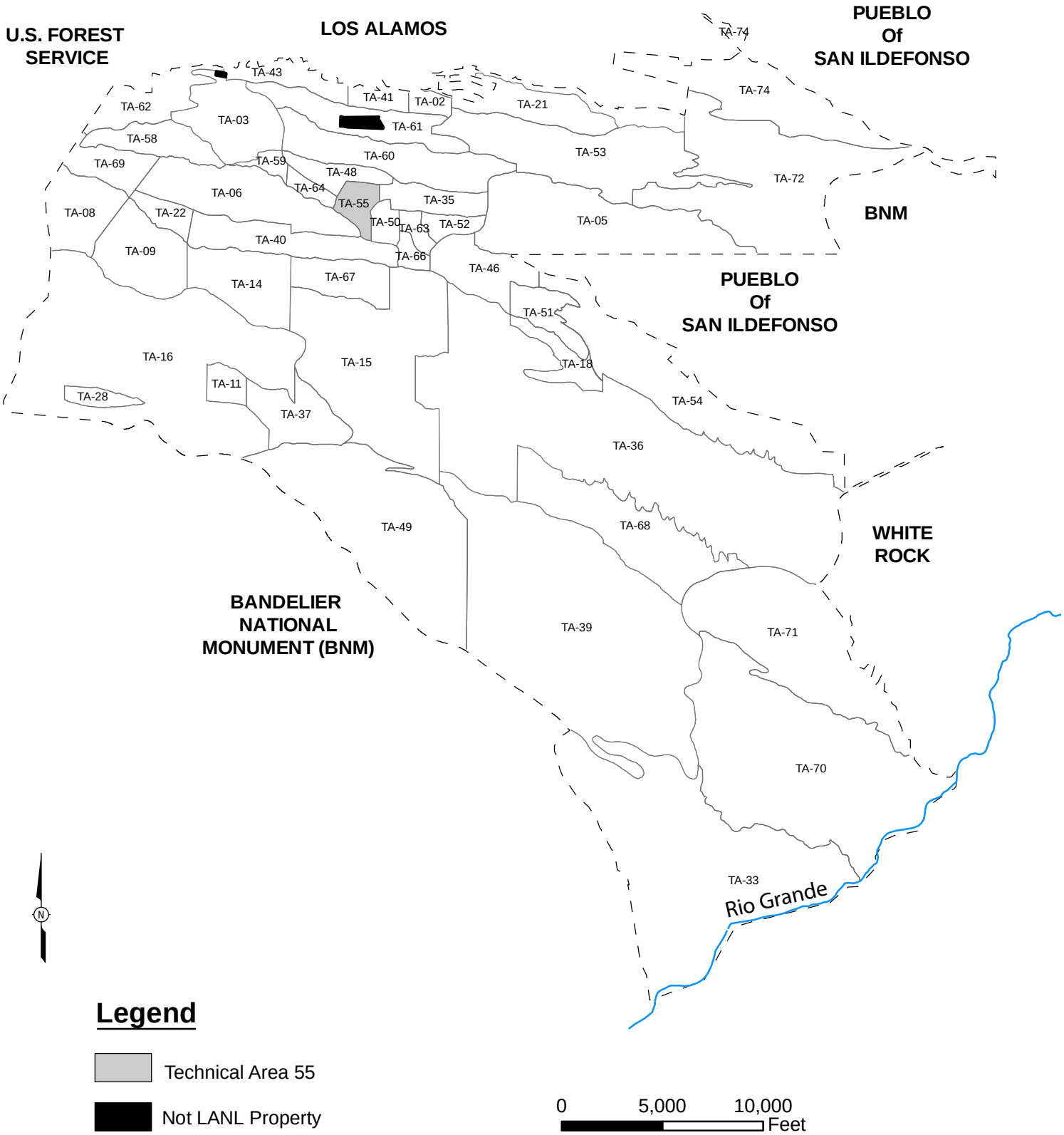


Figure 38:

Technical Area (TA) 55 Location Map

Created by EP-WES-EDA GIS TEAM. Map Number 06-0108 November 13, 2008, modified by ENV-RCRA August 2009
State Plane Coordinate System New Mexico Central Zone North American Datum 1983 (ft)
This map was created for work processes associated with the Environmental &Remediation Support Services. All other uses for this map should be confirmed with LANL EP-WES staff.
Boundary of Department of Energy Property I Around the Los Alamos National Laboratory; Los Alamos National Laboratory, SSMO Site Planning & Project Initiation; infrastructure Planning Office. 04 June 2008
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

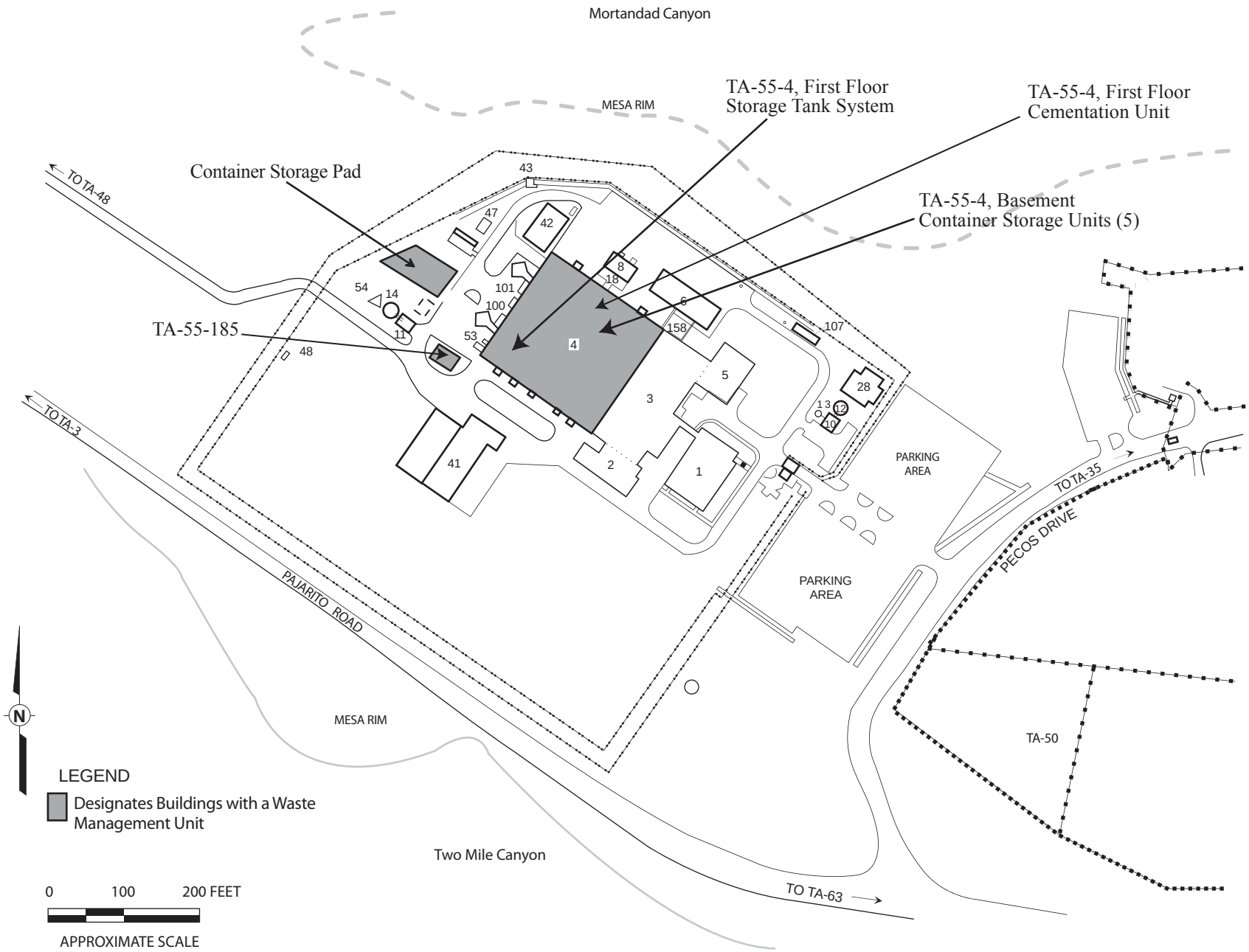


Figure 39
Technical Area (TA) 55, Building 4 Location Map

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

UCNI

LOS ALAMOS NATIONAL LABORATORY

THIS FIGURE CONTAINS UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION (UCNI) AS DEFINED BY SECTION 148 OF THE ATOMIC ENERGY ACT

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

UCNI

LOS ALAMOS NATIONAL LABORATORY

THIS FIGURE CONTAINS UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION (UCNI) AS DEFINED BY SECTION 148 OF THE ATOMIC ENERGY ACT

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

UCNI

LOS ALAMOS NATIONAL LABORATORY

THIS FIGURE CONTAINS UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION (UCNI) AS DEFINED BY SECTION 148 OF THE ATOMIC ENERGY ACT

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

UCNI

LOS ALAMOS NATIONAL LABORATORY

THIS FIGURE CONTAINS UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION (UCNI) AS DEFINED BY SECTION 148 OF THE ATOMIC ENERGY ACT

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

UCNI

LOS ALAMOS NATIONAL LABORATORY

THIS FIGURE CONTAINS UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION (UCNI) AS DEFINED BY SECTION 148 OF THE ATOMIC ENERGY ACT

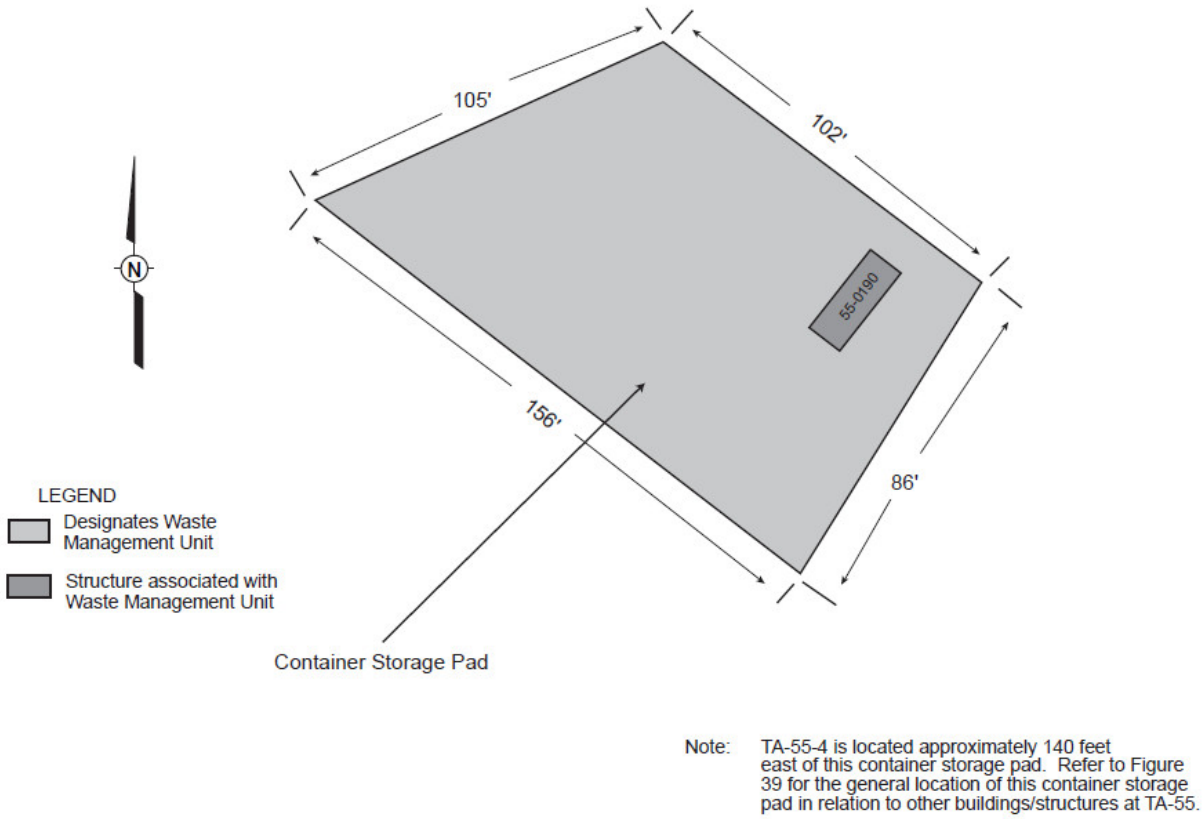
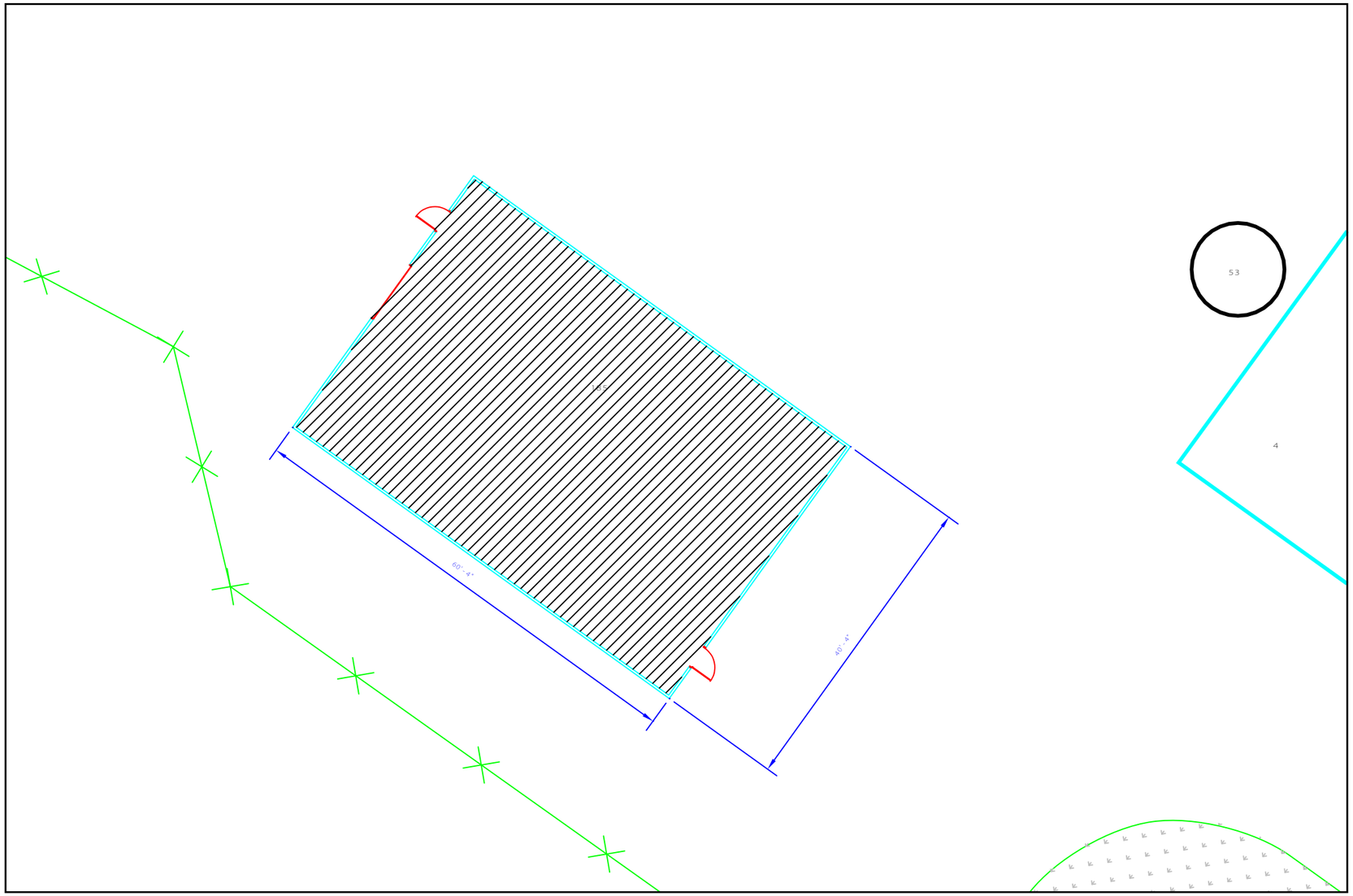


Figure 45
Technical Area (TA)-55, Building 4, Outdoor Container Storage Pad



LEGEND

CONTAINER STORAGE UNIT

CHAIN LINK SECURITY FENCE

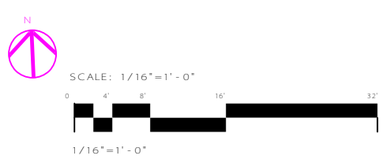
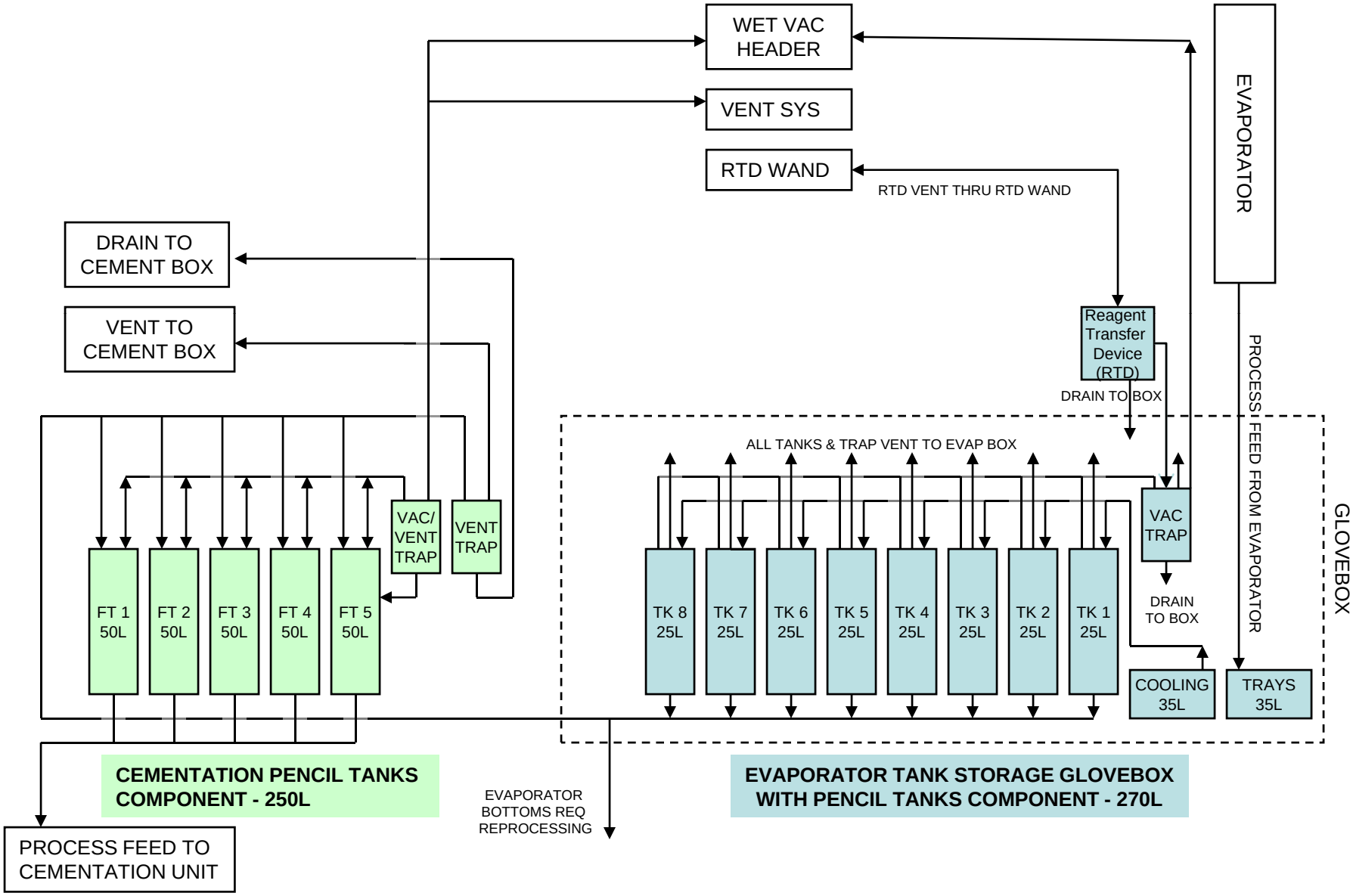


Figure 46
Technical Area (TA)-55, Building 185

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



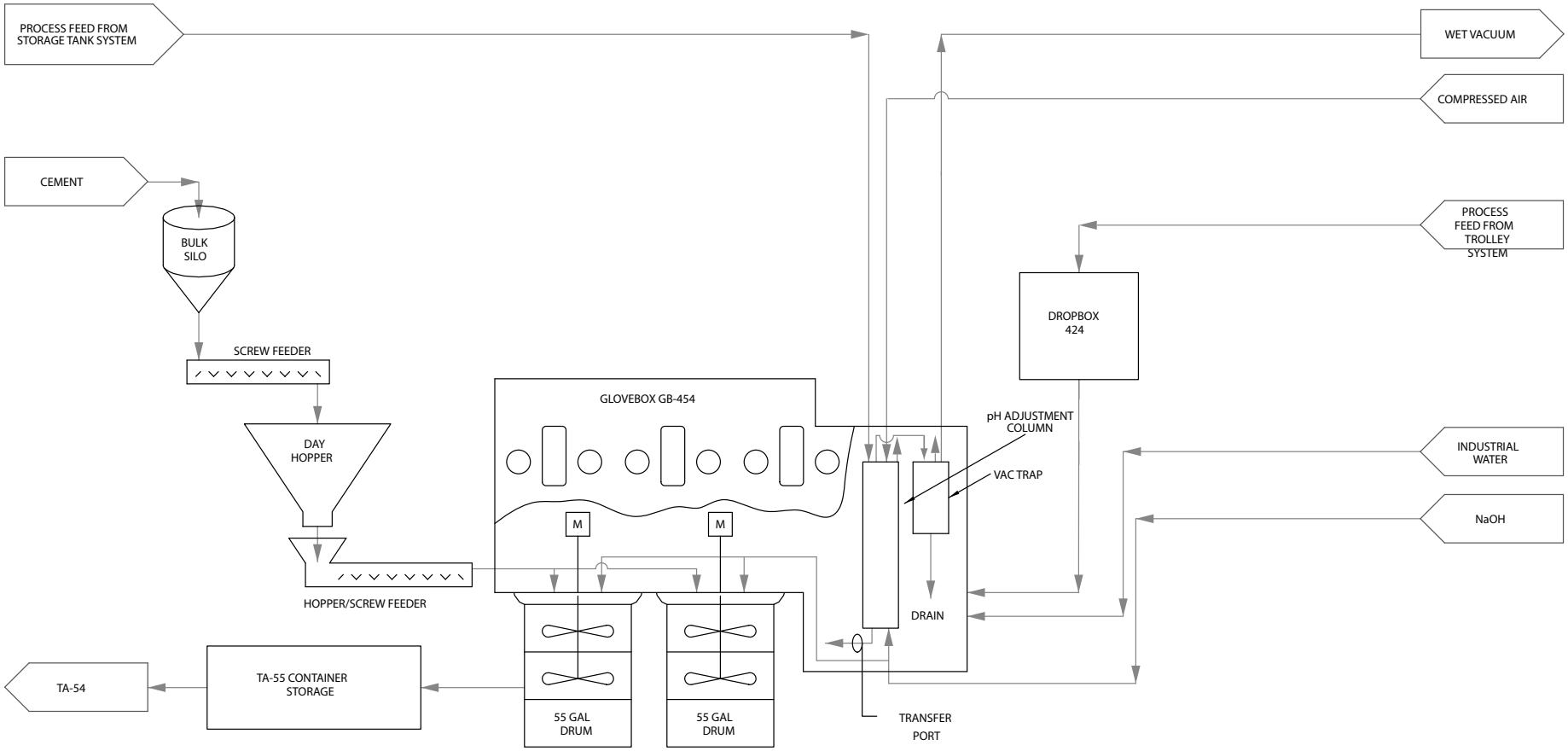


Figure 48
Technical Area (TA)-55, Building 4, Room 401, Cementation Unit Process Flow Diagram

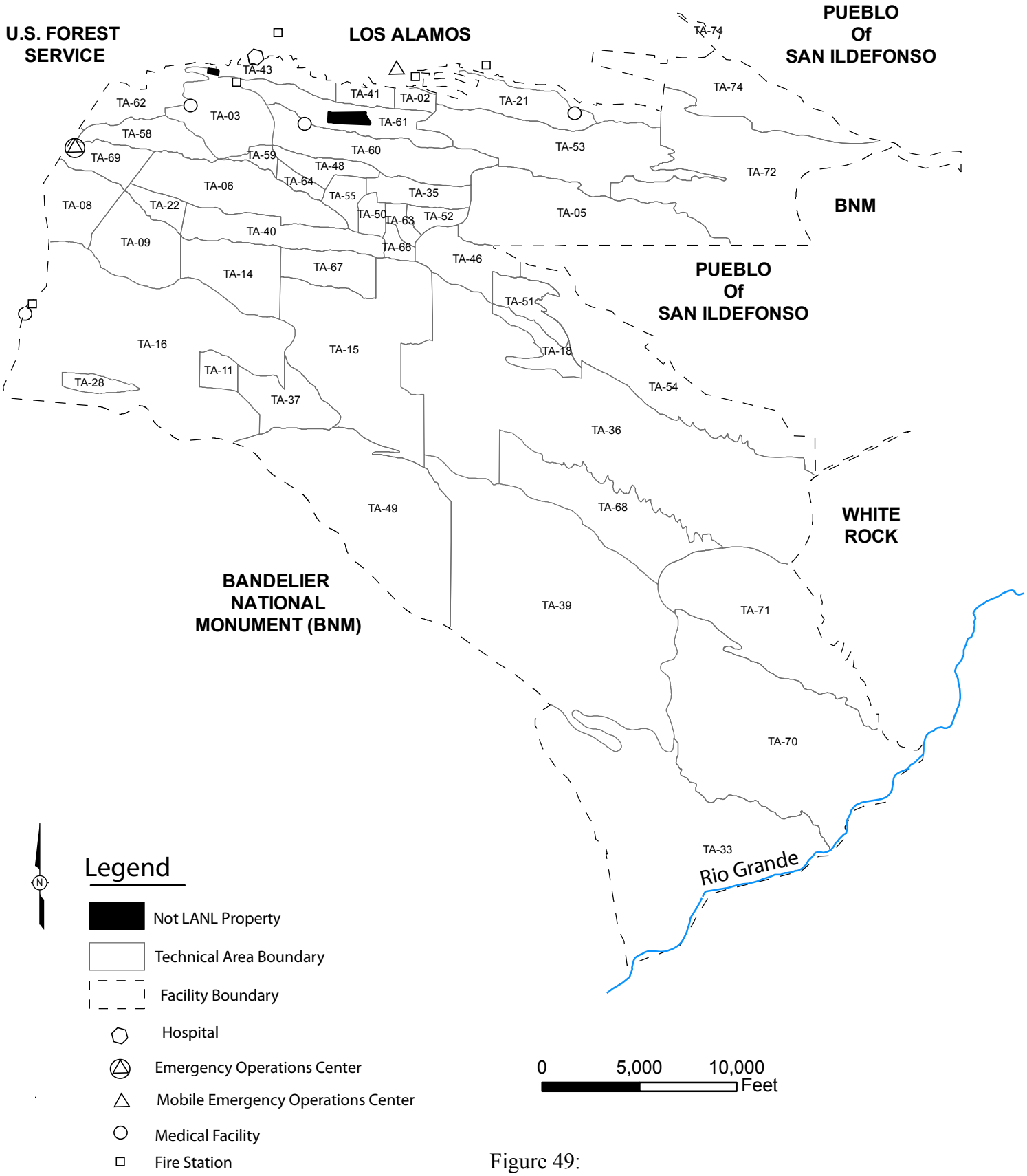


Figure 49:
Emergency Facilities at Los Alamos National Laboratory (LANL)

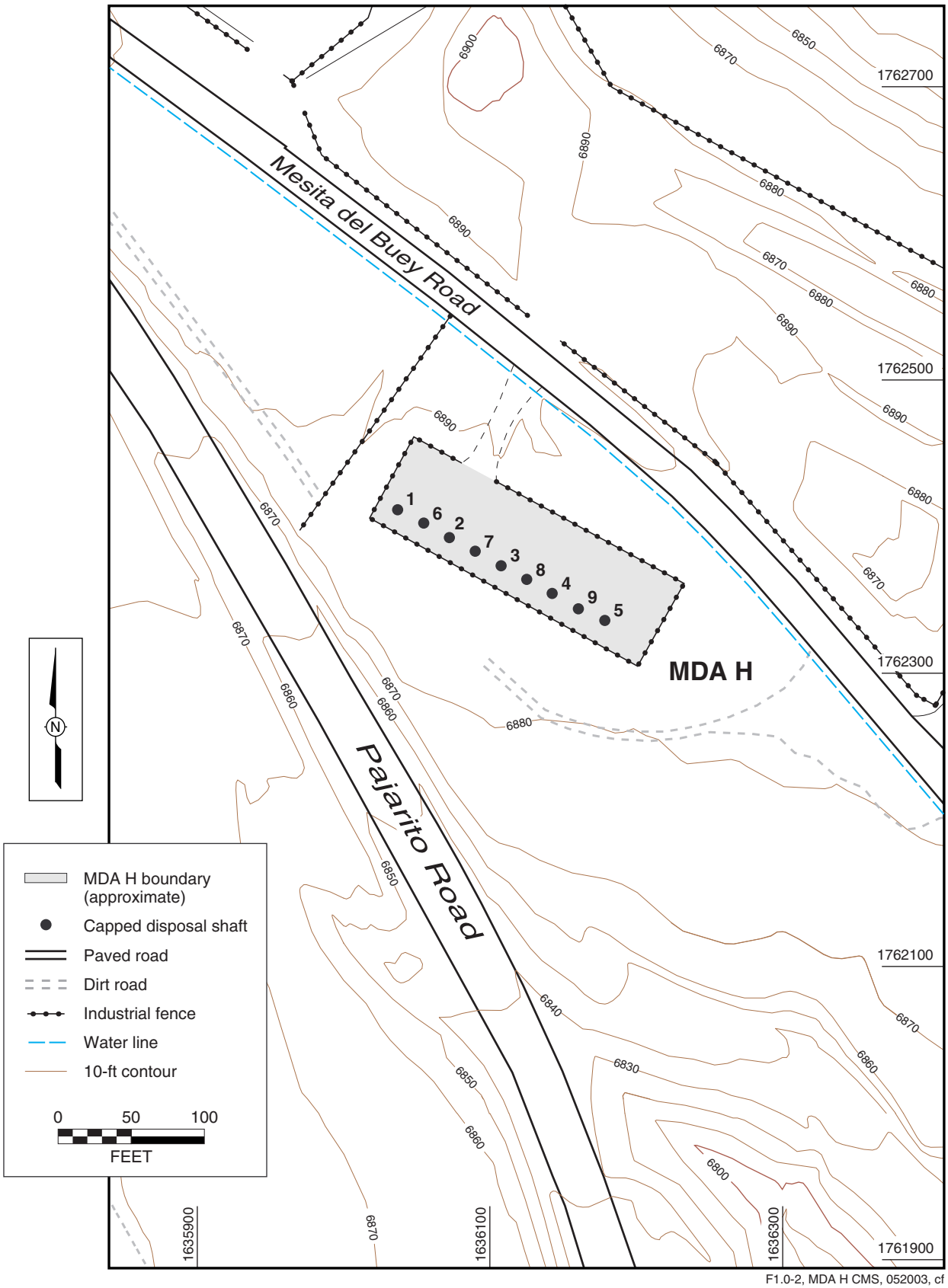


Figure 50:
Technical Area (TA)-54, Material Disposal Area (MDA) H

FIGURE 51 – RESERVED

FIGURE 52 – RESERVED

FIGURE 53 – RESERVED

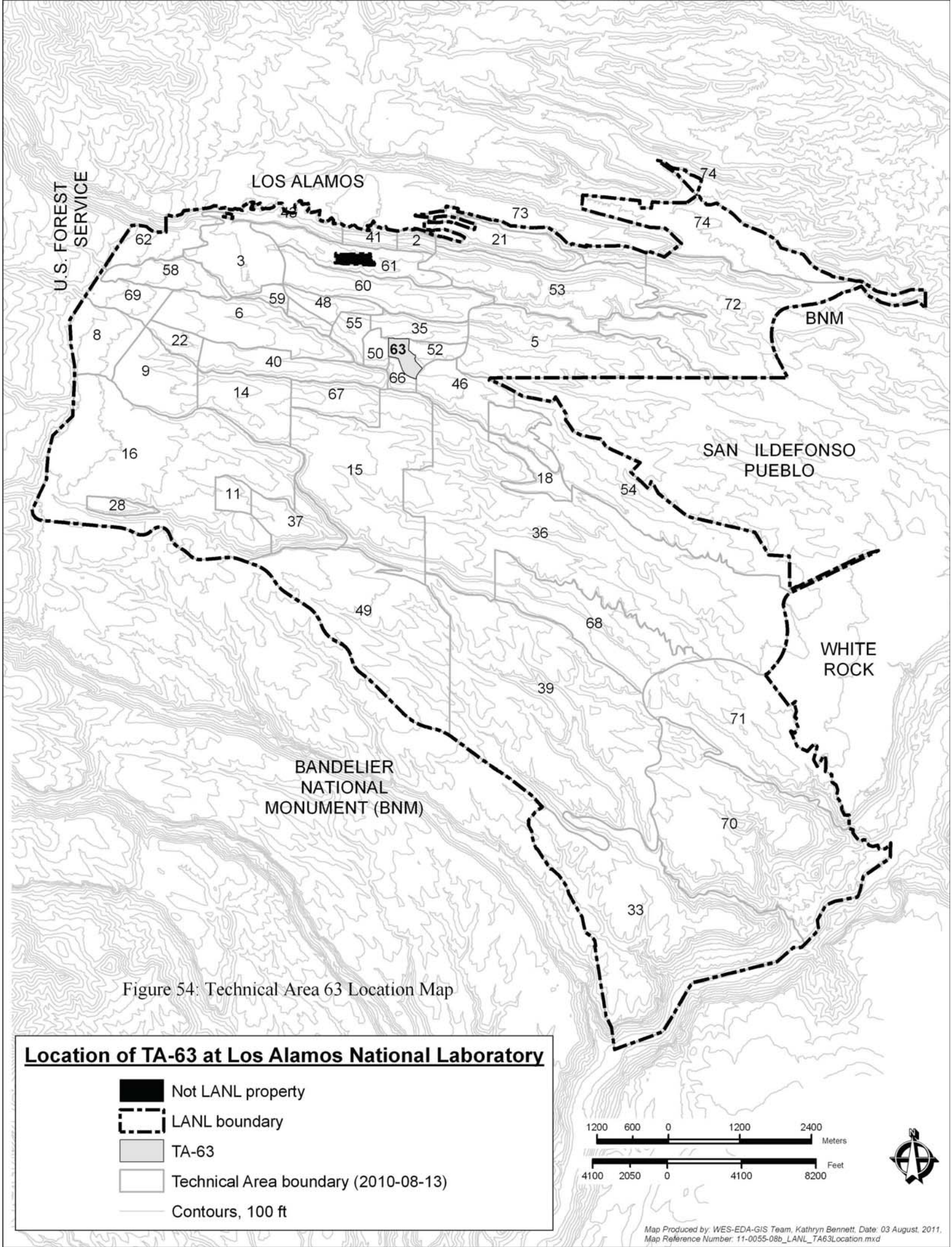


Figure 54: Technical Area 63 Location Map

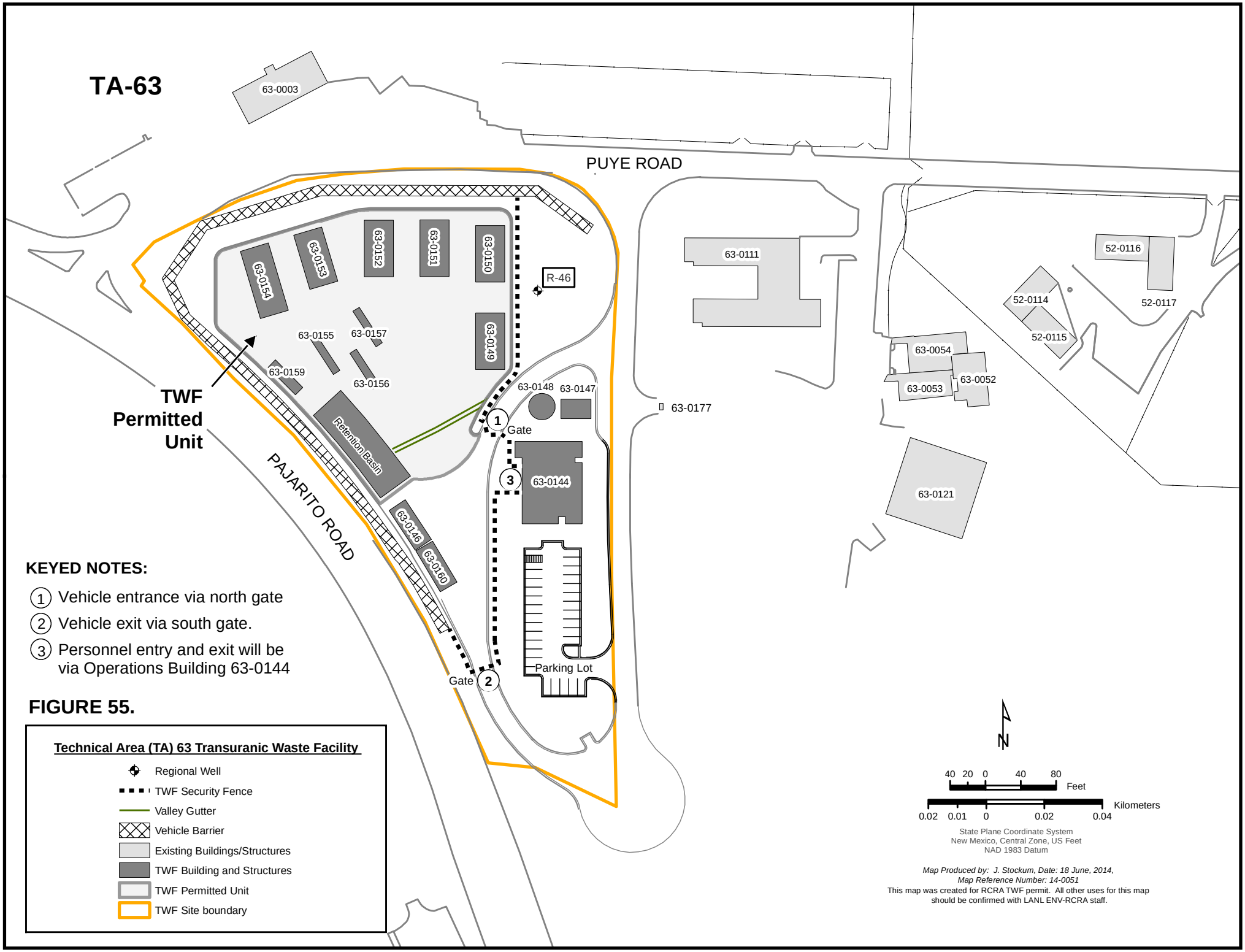

TA-63
63-0003
PUYE ROAD
63-0154
63-0153
63-0152
63-0151
63-0150
R-46
63-0155
63-0157
63-0149
63-0159
63-0156
TWF Permitted Unit
Retention Basin
63-0148
63-0147
1
Gate
3
63-0144
63-0146
63-0160
PAJARITO ROAD
Gate
2
Parking Lot
63-0111
63-0177
52-0116
52-0114
52-0117
52-0115
63-0054
63-0053
63-0052
63-0121
KEYED NOTES:
1 Vehicle entrance via north gate
2 Vehicle exit via south gate.
3 Personnel entry and exit will be via Operations Building 63-0144
Technical Area (TA) 63 Transuranic Waste Facility
Regional Well
TWF Security Fence
Valley Gutter
Vehicle Barrier
Existing Buildings/Structures
TWF Building and Structures
TWF Permitted Unit
TWF Site boundary
N
40 20 0 40 80
Feet
0.02 0.01 0 0.02 0.04
Kilometers
State Plane Coordinate System
New Mexico, Central Zone, US Feet
NAD 1983 Datum
Map Produced by: J. Stockum, Date: 18 June, 2014,
Map Reference Number: 14-0051
This map was created for RCRA TWF permit. All other uses for this map should be confirmed with LANL ENV-RCRA staff.

FIGURE 55.

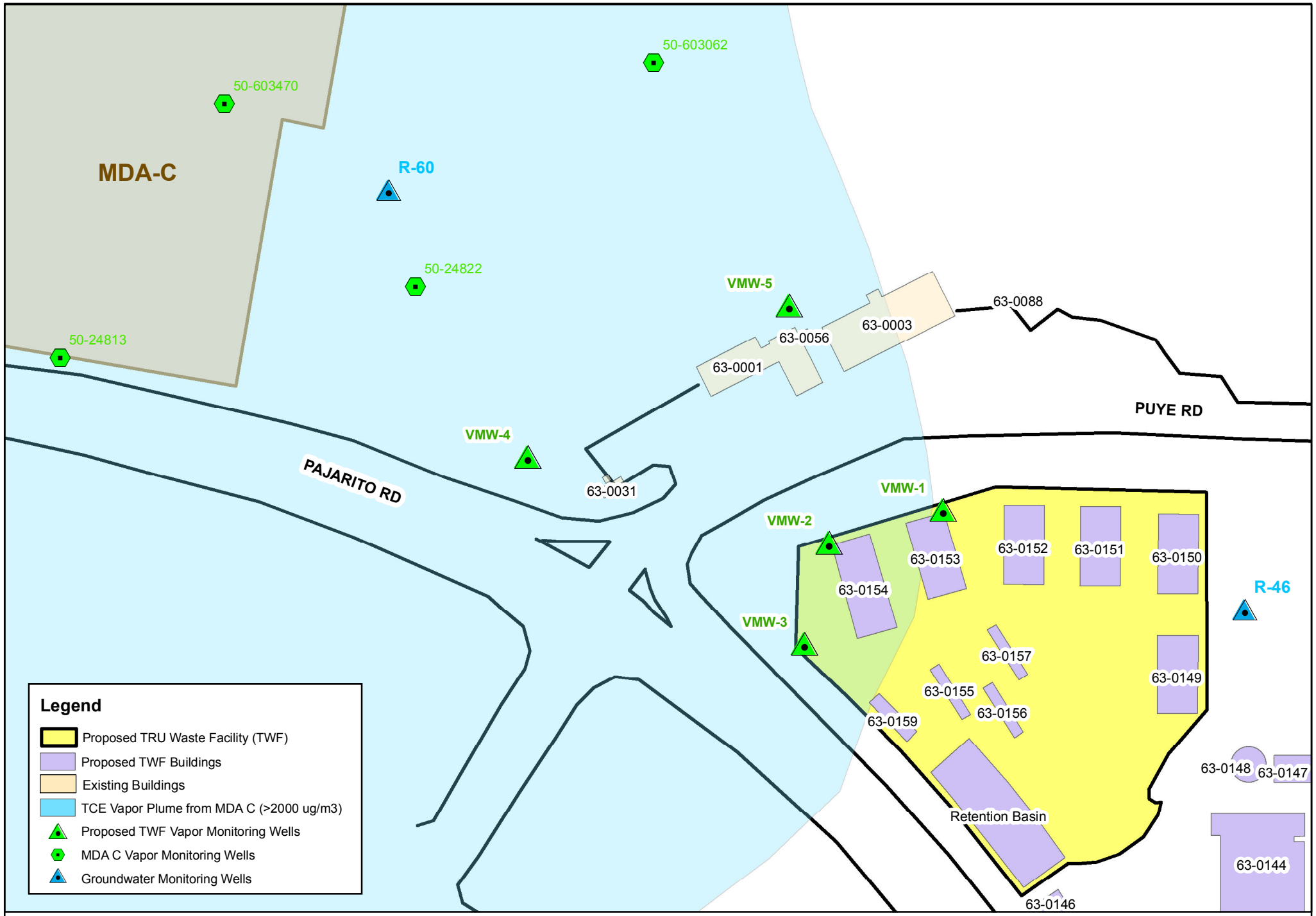


Figure 56

Transuranic Waste Facility Subsurface Vapor Monitoring Network

1:1,200

0 25 50 100 150 200 Feet

N W E S