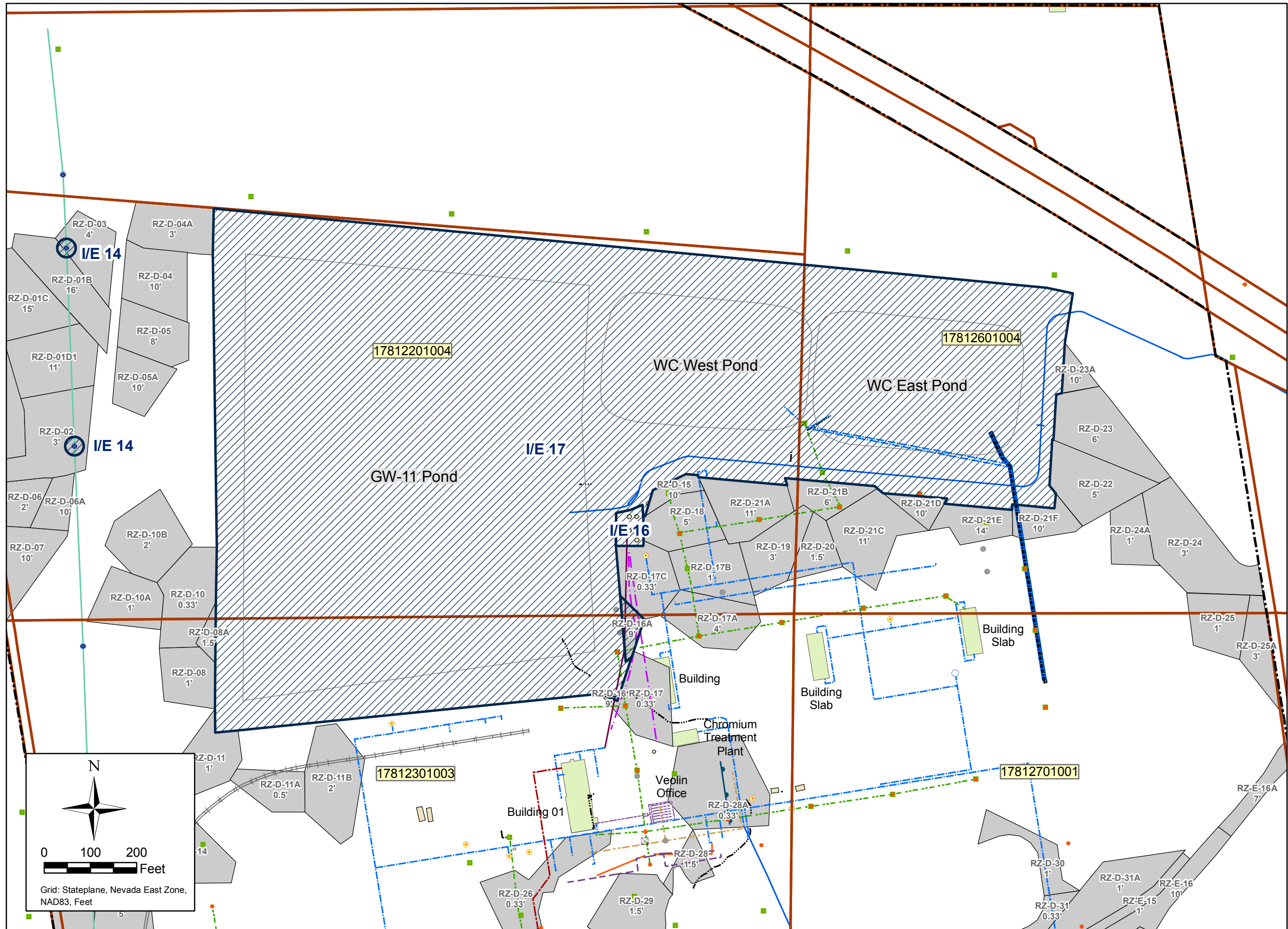


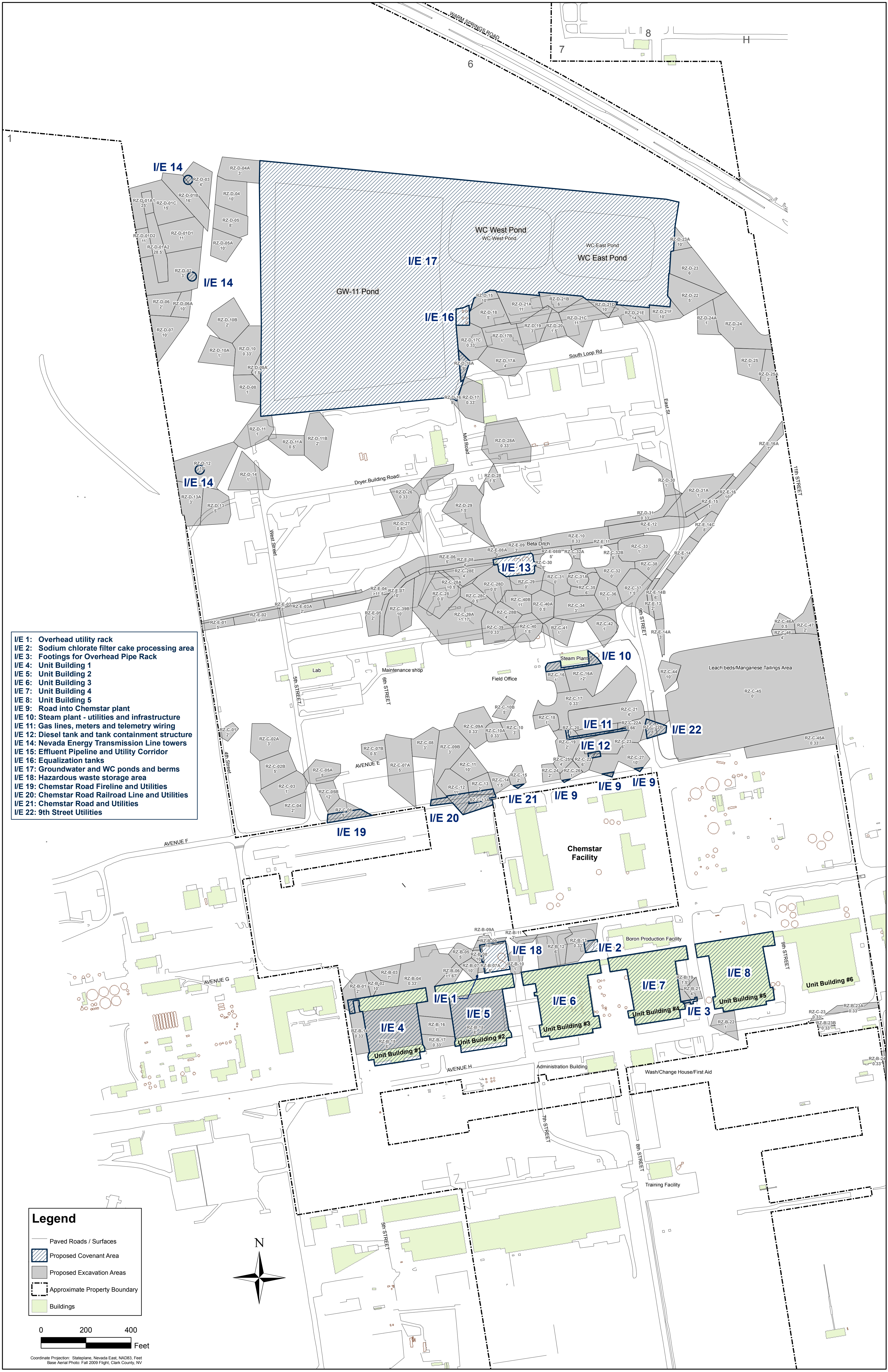
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I/E 17 - GROUNDWATER PONDS AND BERMS AND WC PONDS AND BERMS		PROJECT NUMBER:	2027.07 T30
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada		DATE:	11/23/10
SCALE:	1 in = 200 ft		

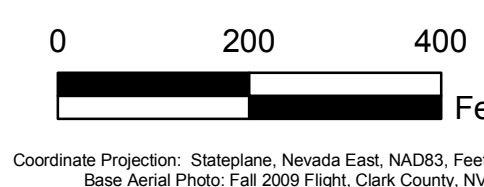
FIGURE NUMBER:	19
SHEET NUMBER:	1



- IE 1: Overhead utility rack
- IE 2: Sodium chlorate filter cake processing area
- IE 3: Footings for Overhead Pipe Rack
- IE 4: Unit Building 1
- IE 5: Unit Building 2
- IE 6: Unit Building 3
- IE 7: Unit Building 4
- IE 8: Unit Building 5
- IE 9: Road into Chemstar plant
- IE 10: Steam plant - utilities and infrastructure
- IE 11: Gas lines, meters and telemetry wiring
- IE 12: Diesel tank and tank containment structure
- IE 14: Nevada Energy Transmission Line towers
- IE 15: Effluent Pipeline and Utility Corridor
- IE 16: Equalization tanks
- IE 17: Groundwater and WC ponds and berms
- IE 18: Hazardous waste storage area
- IE 19: Chemstar Road Fireline and Utilities
- IE 20: Chemstar Road Railroad Line and Utilities
- IE 21: Chemstar Road and Utilities
- IE 22: 9th Street Utilities

Legend

- Paved Roads / Surfaces
- Proposed Covenant Area
- Proposed Excavation Areas
- Approximate Property Boundary
- Buildings



Coordinate Projection: Stateplane, Nevada East, NAD83, Feet
 Base Aerial Photo: Fall 2009 Flight, Clark County, NV

SHEET NUMBER: 1
 FIGURE NUMBER: 3

PROPOSED ENVIRONMENTAL COVENANT AREAS		
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada		
SCALE:	DATE:	PROJECT NUMBER:
1 in = 200 ft	11/23/10	2027.07 T30

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MW				
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OAS				
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AK				

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LEGEND:

-  Approximate Property Boundary
-  Proposed Institutional/Engineering Control Area
-  Assessor's Parcels
-  Proposed Excavation Areas
-   Site Features (Buildings and Tanks)
 -  Catch Basins
 -  Cleanout
 -  Electrical Sub-Station
 -  Fire Hydrant
 -  Junction Box
 -  Manholes
 -  Septic Tank
 -  Streetlights
 -  Transmission Towers
 -  Utility Poles
 -  Pipe Rack Poles
-  20" Transite Pipe
-  Acid Drain
-  Asbestos Steam Pipe
-  Absorber Tower Drain
-  Concrete Pipe Drain
-  Cyclone Fence
-  -Diesel Piping
-  -Hidden
-  -Supply
-  Domestic Water
-  Electrical Conduit
-  Electrical Lines Duct
-  Fiber PC Duct
-  Gas Line
-  HDPE Water Pipeline
-  OH Power
-  Pipe Trench
-  Railroad
-  Railroad Not Intact
-  Railroad Intact/Not in Service
-  Recirculated Drain
-  Recirculated Water Line
-  Sanitary Sewer
-  Septic Tank
-  Stabilized Water
-  Stabilized Water Above Grade
-  Storm Drain
-  Tailing Line
-  Tank Car Unloading Line
-  Transmission Line
-  Tunnel
-  Unknown Utility Line
-  Utilities Above Grade
-  ACM
-  Equalization Tank Lines
-  Electrical Distribution Tunnel
-  Gas Meter Station

17812801001 Assessor's Parcel Number (APN)

RZ-B-12 Excavation Area Name and Maximum Depth of Excavation
6'

SHEET NUMBER: 1	FIGURE NUMBER: 4	LEGEND FOR INDIVIDUAL ENVIRONMENTAL COVENANT AREA MAPS Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada
SCALE: N/A	DATE: 11/23/10	PROJECT NUMBER: 2027.07 T30

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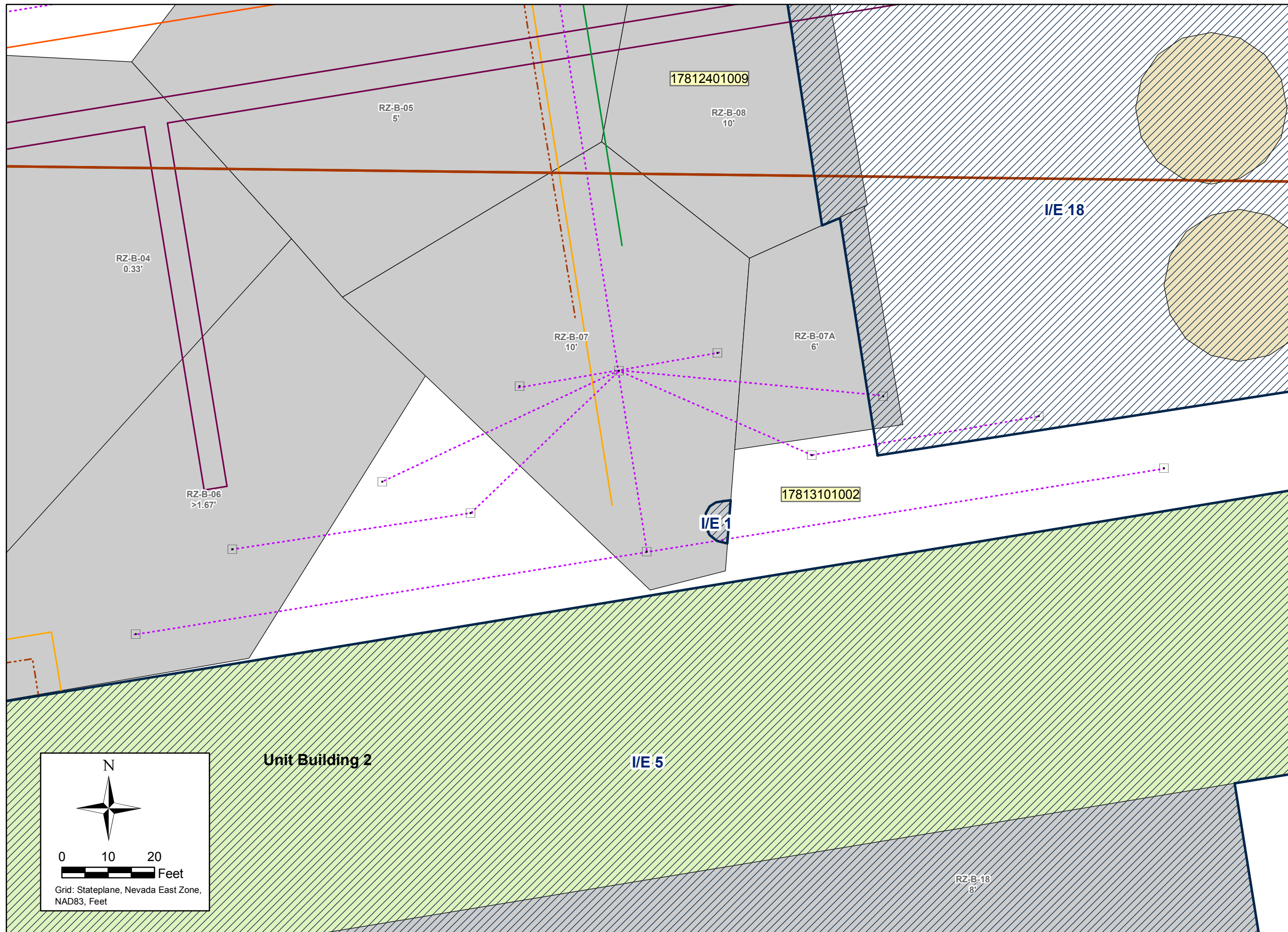
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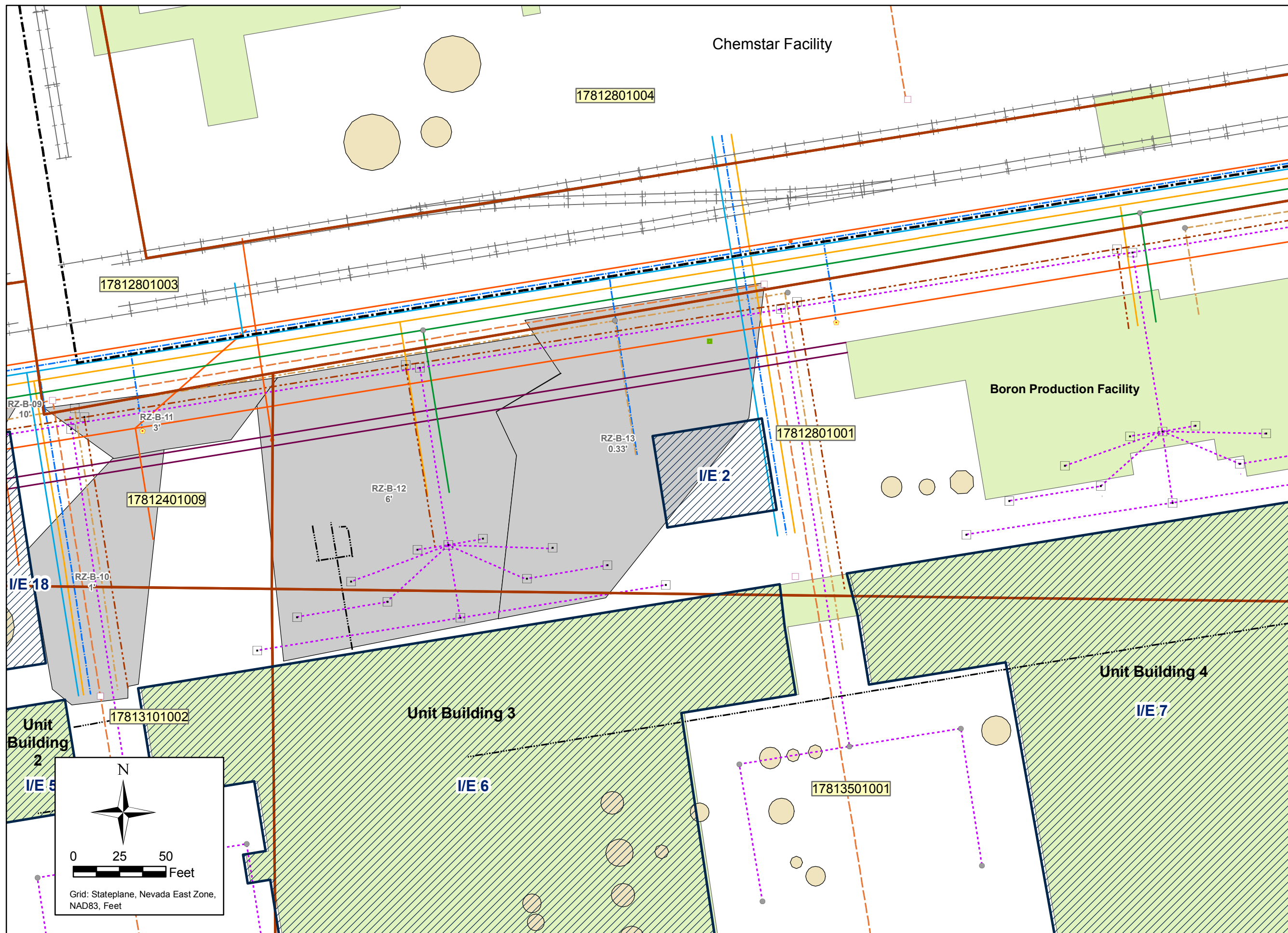


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I/E 1 - FOOTINGS FOR OVERHEAD UTILITY RACK		PROJECT NUMBER:
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada		2027.07 T30
SCALE:	DATE:	
1 in = 20 ft	11/23/10	

FIGURE NUMBER:
5
SHEET NUMBER:
1

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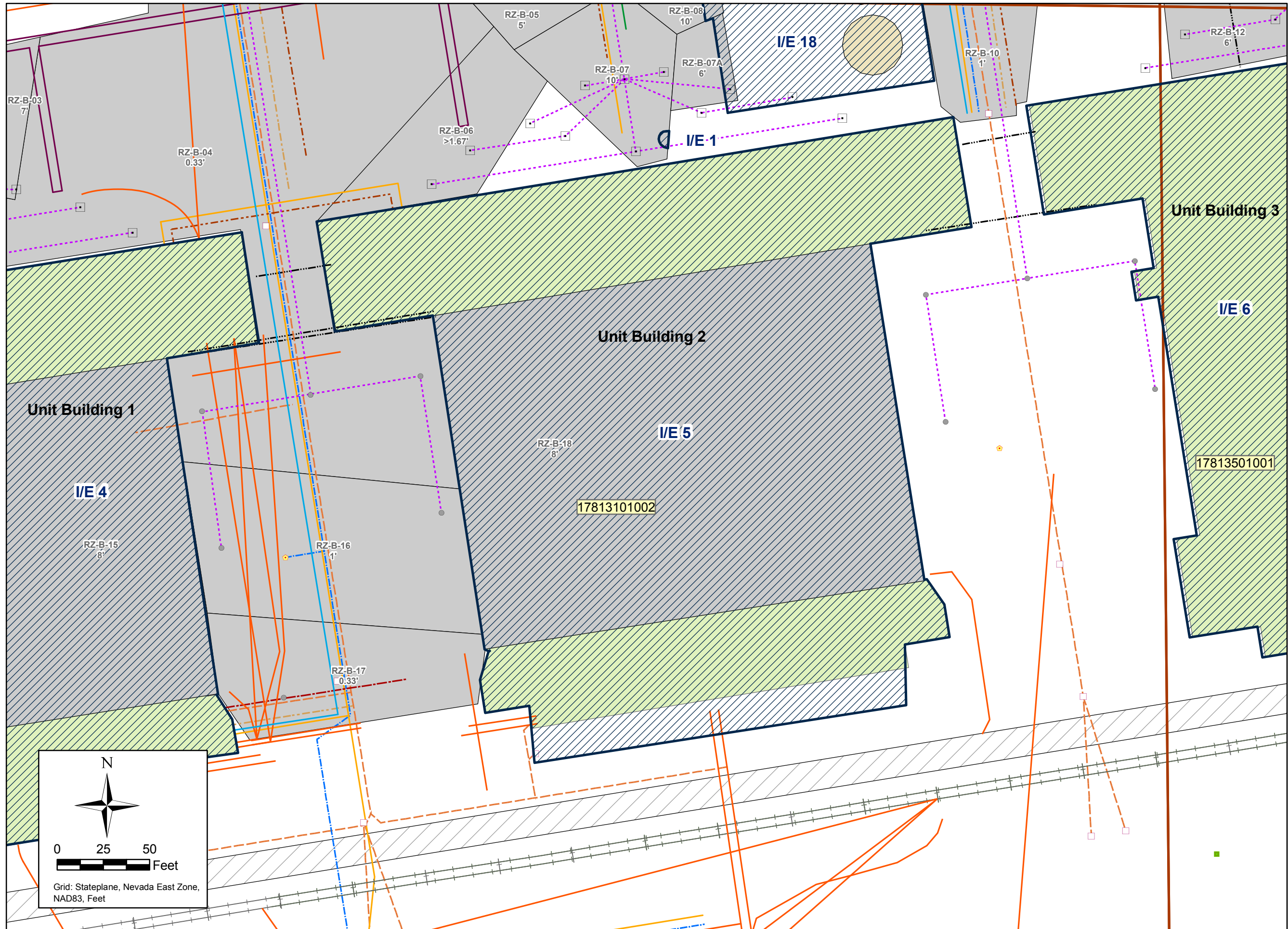


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OAS	OAS		
AK	AK		

I/E 2 - SODIUM CHLORATE FILTER CAKE PROCESS AREA		SCALE:	DATE:	PROJECT NUMBER:
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada		1 in = 50 ft	11/23/10	2027.07 T30

FIGURE NUMBER:	6
SHEET NUMBER:	1

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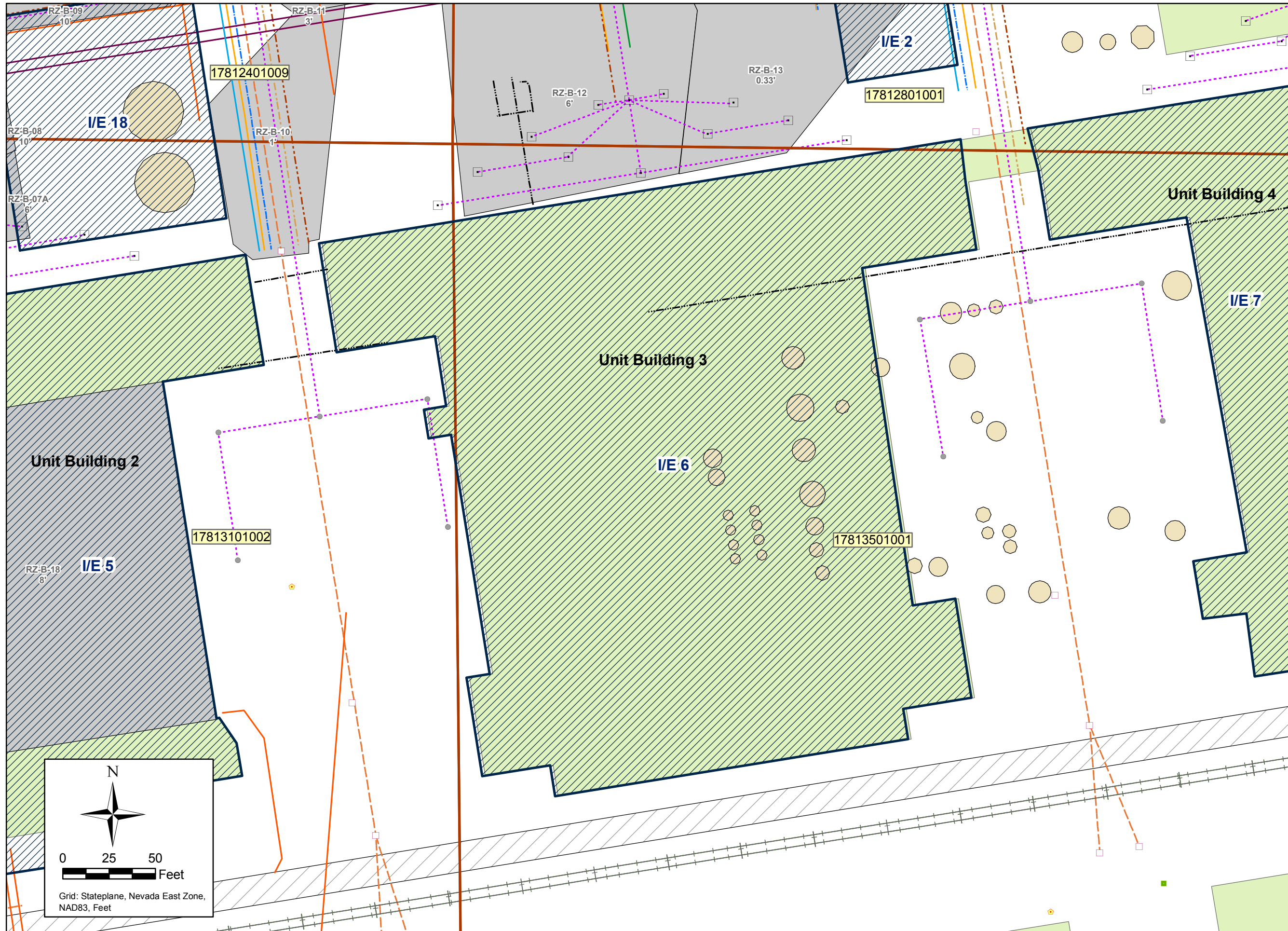


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OAS	OAS		
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IE 5 - UNIT BUILDING 2		PROJECT NUMBER:	
Environmental Covenants, Institutional and Engineering Control Plan		2027.07 T30	
Tronox LLC Henderson, Nevada		SCALE:	DATE:
		1 in = 50 ft	11/19/10

FIGURE NUMBER:
9
SHEET NUMBER:
1

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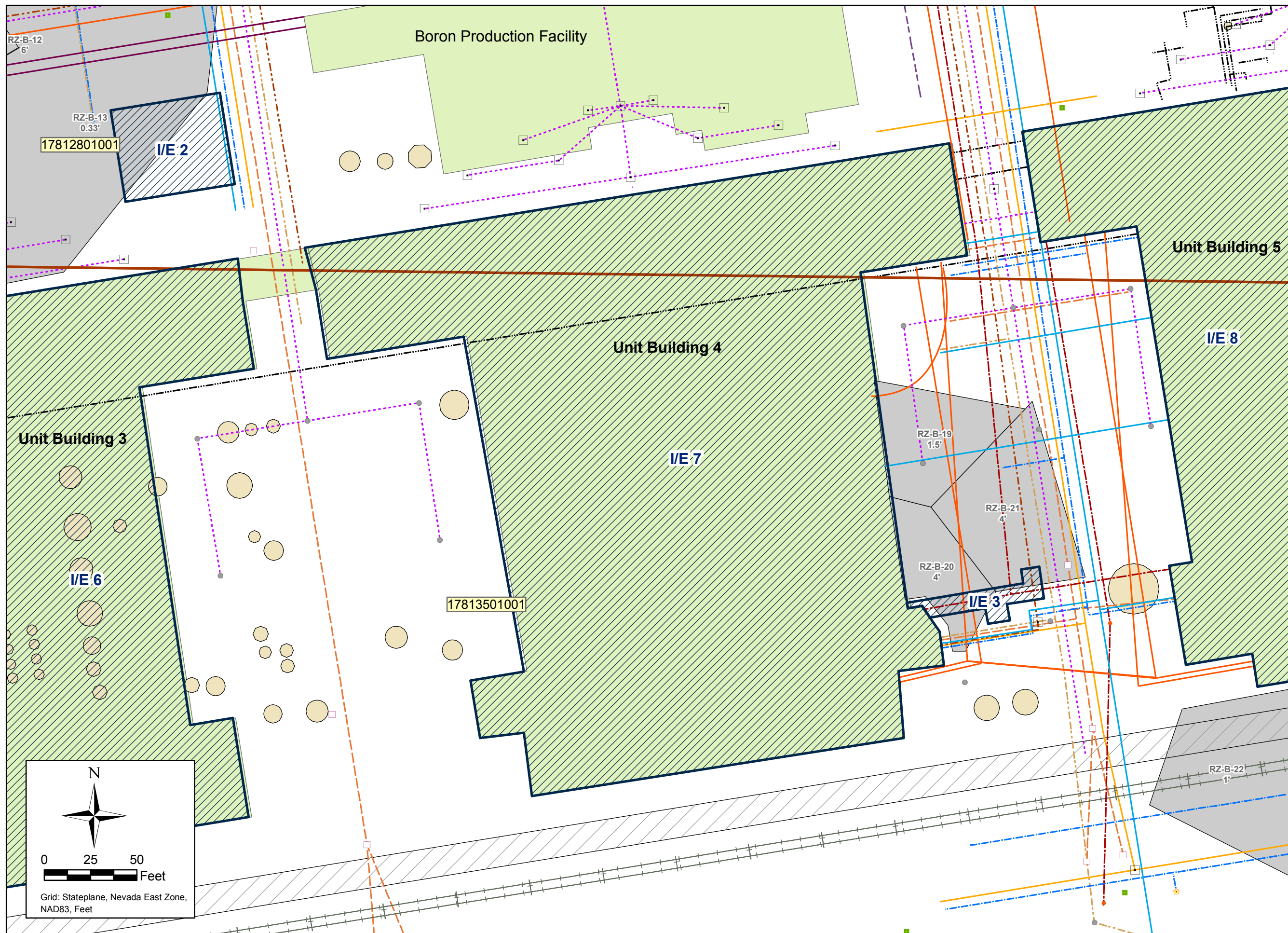


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NO:		DESCRIPTION:		DATE:		BY:	

I/E 6 - UNIT BUILDING 3		PROJECT NUMBER:	
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada		2027.07 T30	
SCALE:	DATE:		
1 in = 50 ft	11/23/10		

FIGURE NUMBER:
10
SHEET NUMBER:
1

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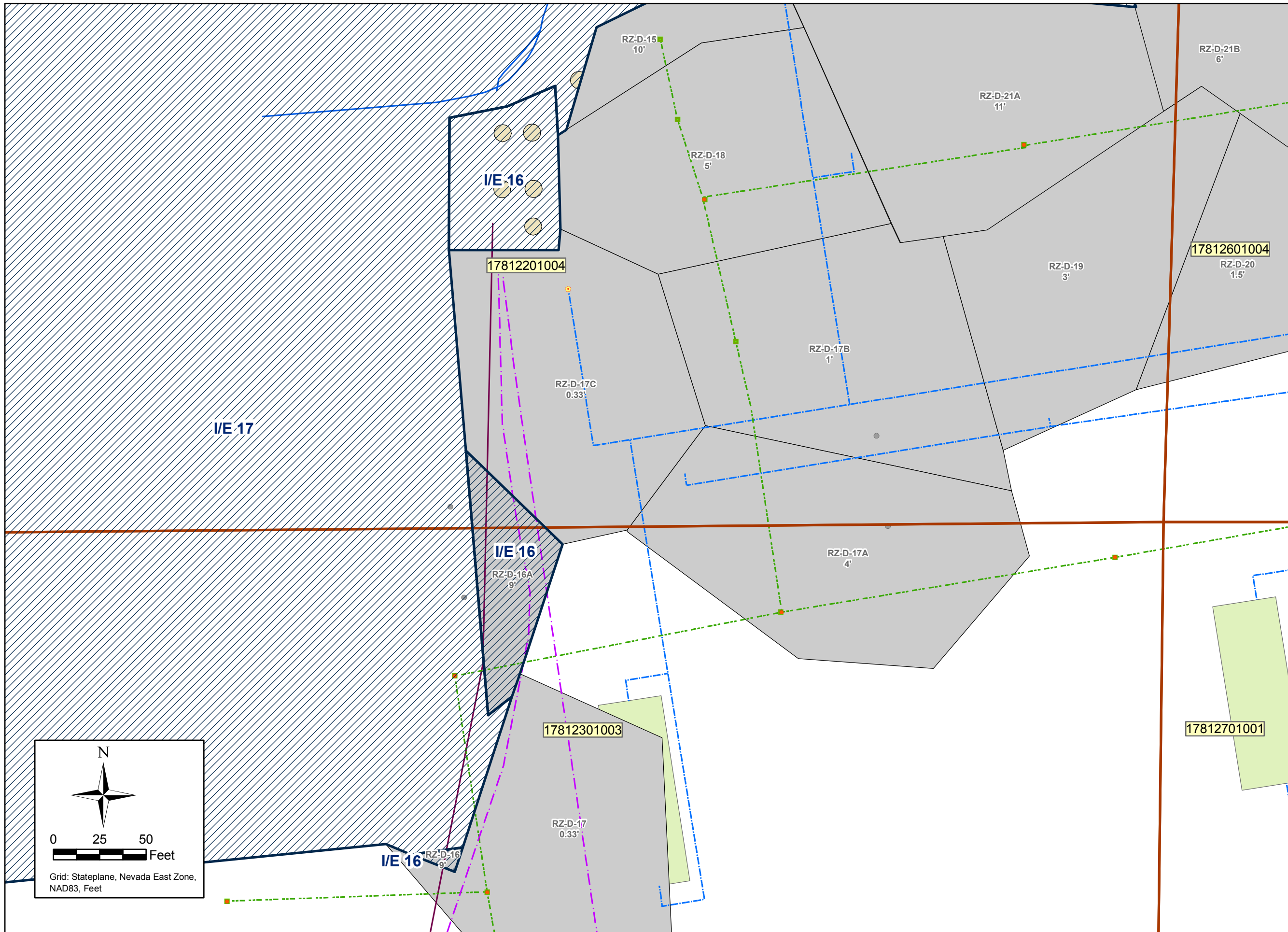


DESIGNED BY:		REVISIONS:	
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MW	MW	DATE:	BY:
OAS	OAS		
AK	AK		

I/E 7 - UNIT BUILDING 4		PROJECT NUMBER:	2027.07 T30
Environmental Covenants, Institutional and Engineering Control Plan		SCALE:	1 in = 50 ft
Tronox LLC Henderson, Nevada		DATE:	11/23/10

FIGURE NUMBER:	11
SHEET NUMBER:	1

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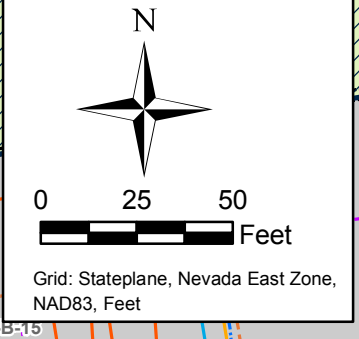
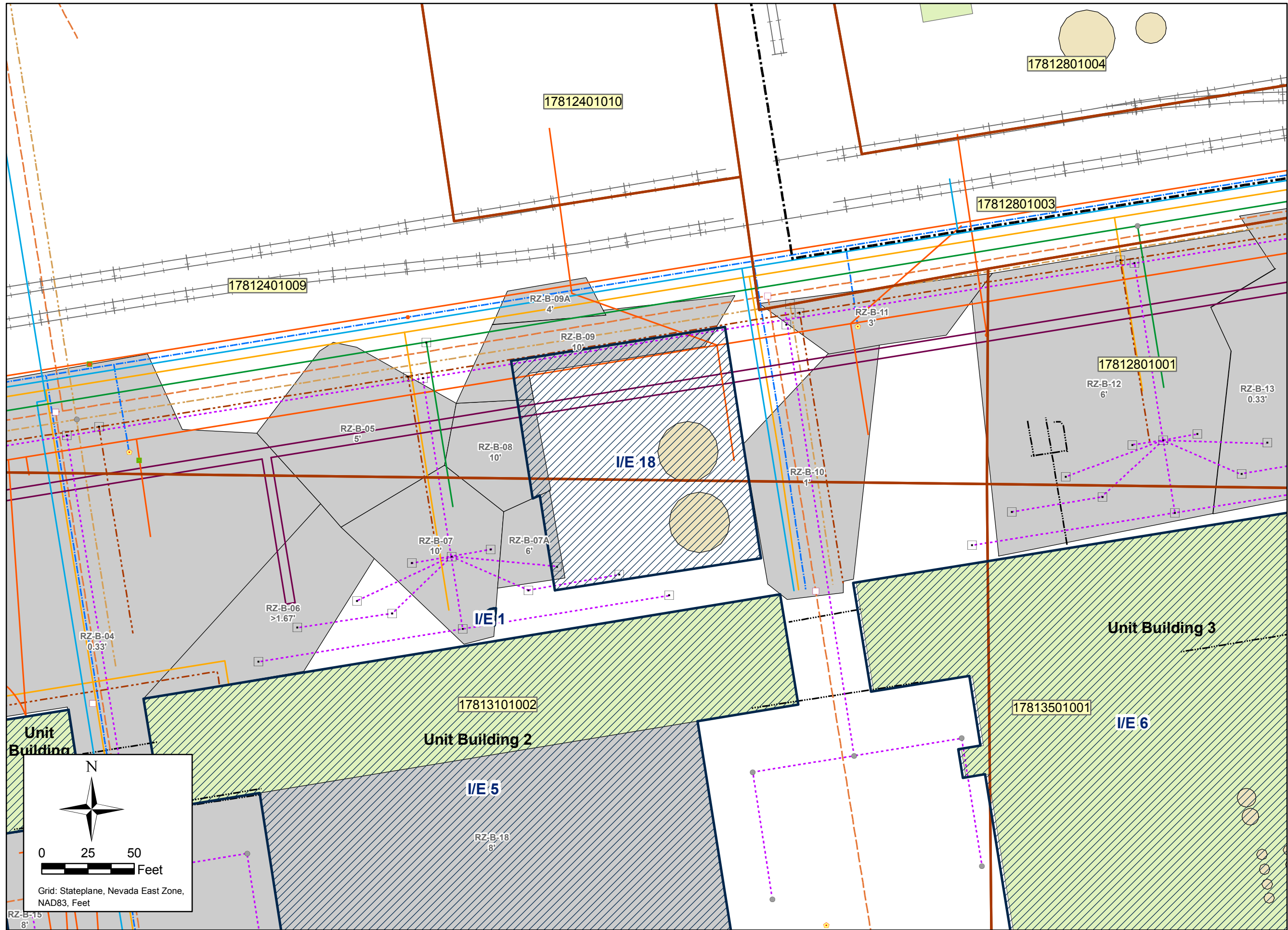


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MW			
OAS			
AK			

I/E 16 - GROUNDWATER TREATMENT SYSTEM EQUALIZATION TANKS		PROJECT NUMBER:
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada		2027.07 T30
SCALE:	DATE:	
1 in = 50 ft	11/23/10	

FIGURE NUMBER:
18
SHEET NUMBER:
1

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AK	NO:	DESCRIPTION:	DATE:

I/E 18 - FORMER HAZARDOUS WASTE STORAGE AREA	
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada	
SCALE: 1 in = 50 ft	PROJECT NUMBER: 2027.07 T30
DATE: 11/23/10	

FIGURE NUMBER: 20
SHEET NUMBER: 1