

FIGURE NUMBER:	<b>1</b>
SHEET NUMBER:	1

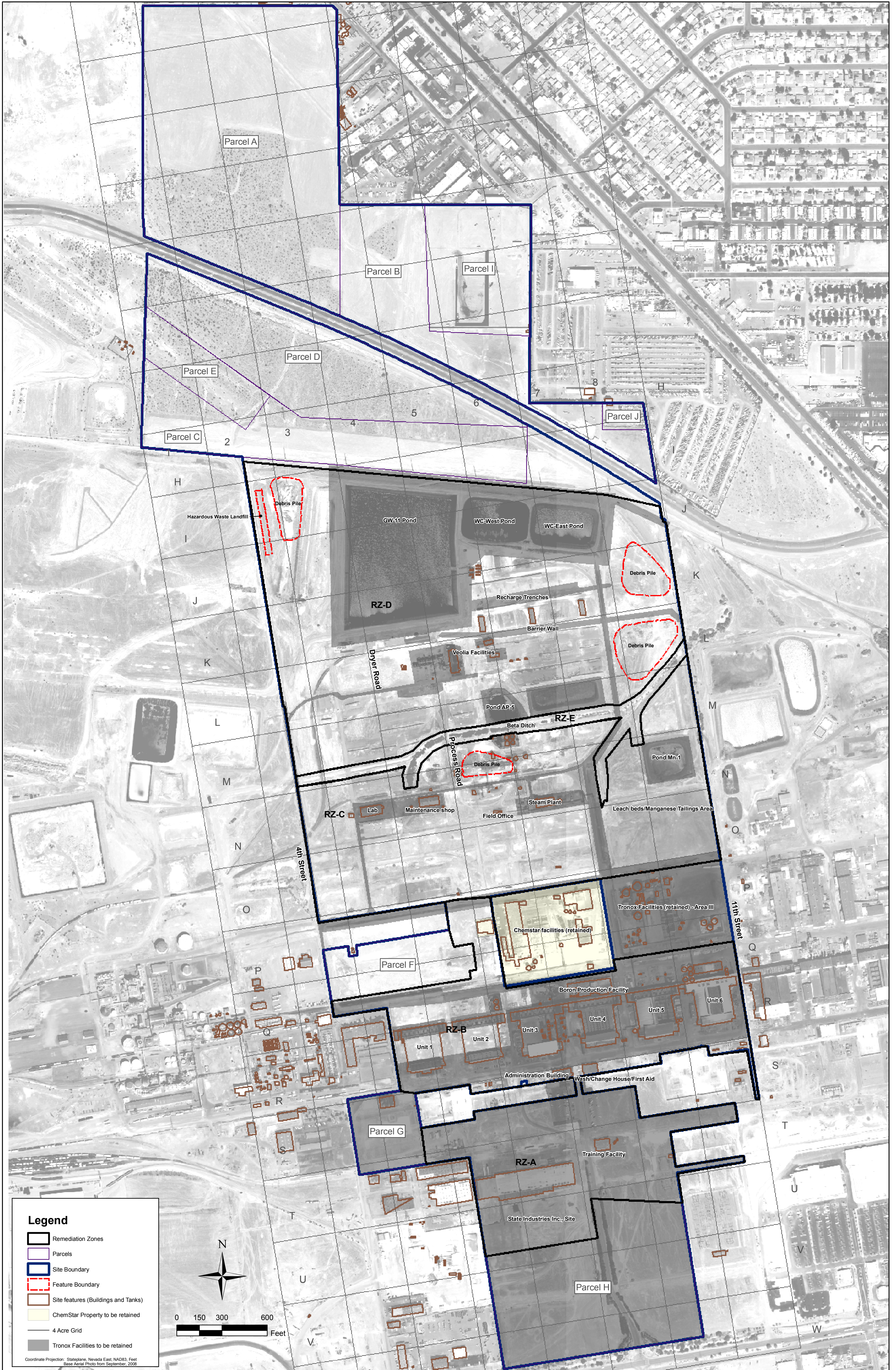
SITE LOCATION MAP		
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada		
SCALE: 1:24,000	DATE: 11/19/10	PROJECT NUMBER: 2027.07 T30

DESIGNED BY:		REVISIONS			
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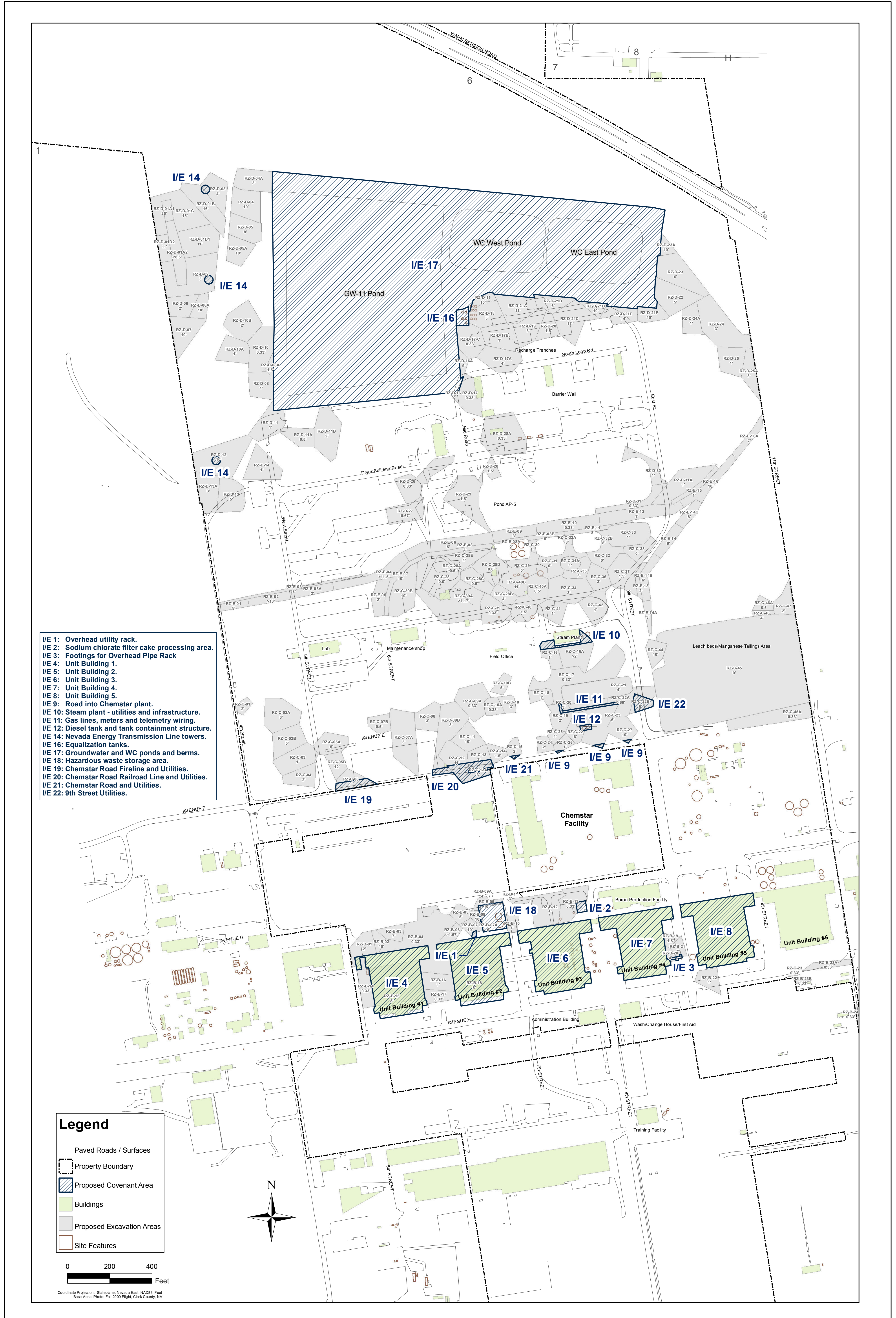


SHEET NUMBER  
1  
FIGURE NUMBER  
2

SITE FEATURES WITHIN REMEDIATION ZONES		
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada		
SCALE: 1 in = 300 ft	DATE: 11/19/10	PROJECT NUMBER: 2027.07 T30

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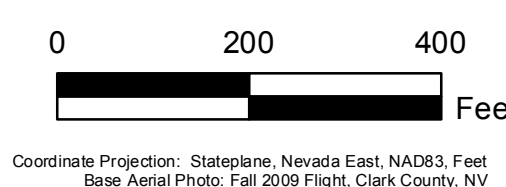
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- IE 1: Overhead utility rack.
- IE 2: Sodium chlorate filter cake processing area.
- IE 3: Footings for Overhead Pipe Rack
- IE 4: Unit Building 1.
- IE 5: Unit Building 2.
- IE 6: Unit Building 3.
- IE 7: Unit Building 4.
- IE 8: Unit Building 5.
- 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 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
- Property Boundary
- Proposed Covenant Area
- Buildings
- Proposed Excavation Areas
- Site Features



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	11/17/10	2027.07 T30

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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
-  Electral 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: <b>1</b>	FIGURE NUMBER: <b>4</b>	<b>LEGEND FOR INDIVIDUAL ENVIRONMENTAL COVENANT AREA MAPS</b> Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada
SCALE: N/A	DATE: 11/19/10	PROJECT NUMBER: 2027.07 T30

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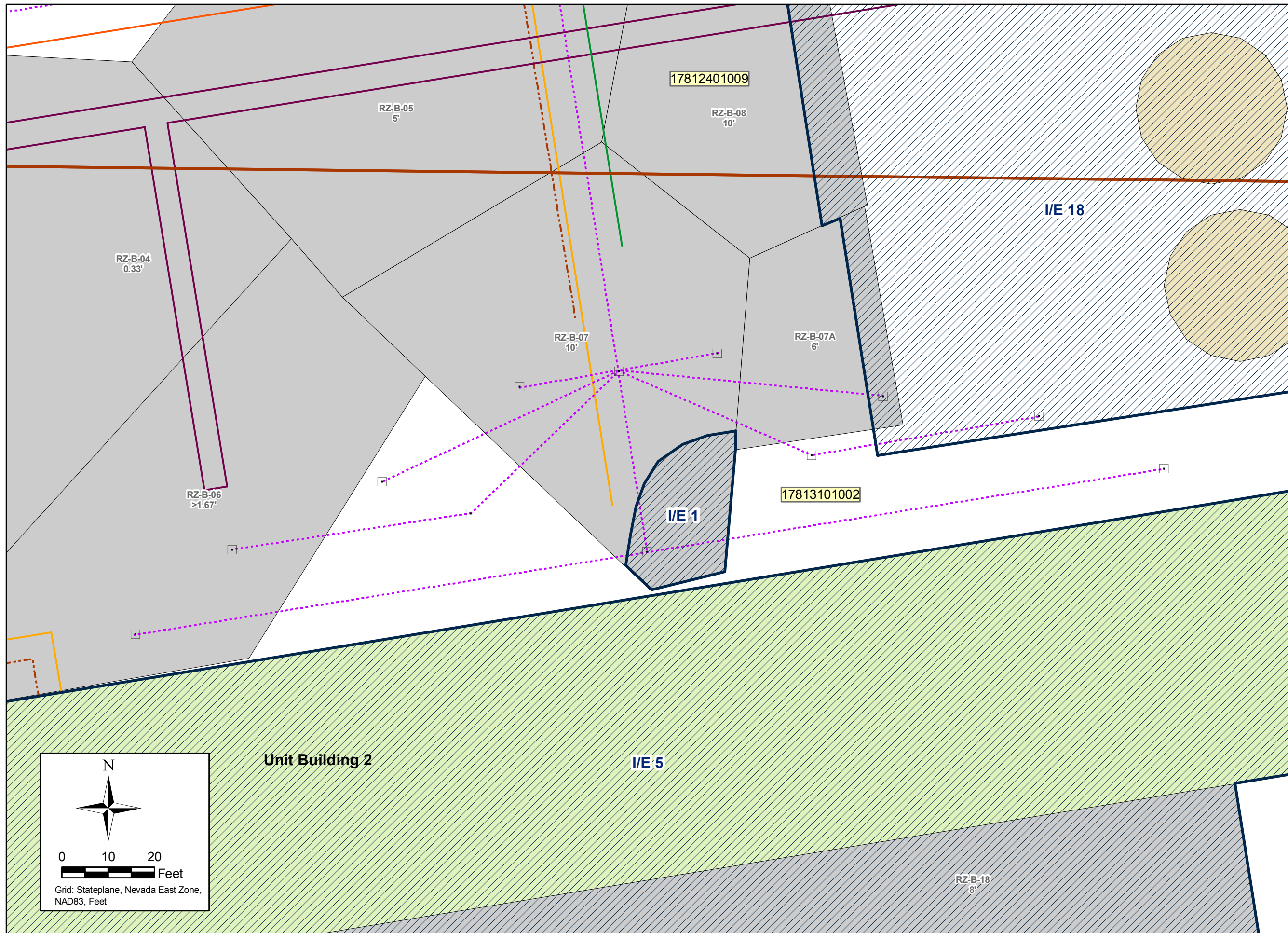
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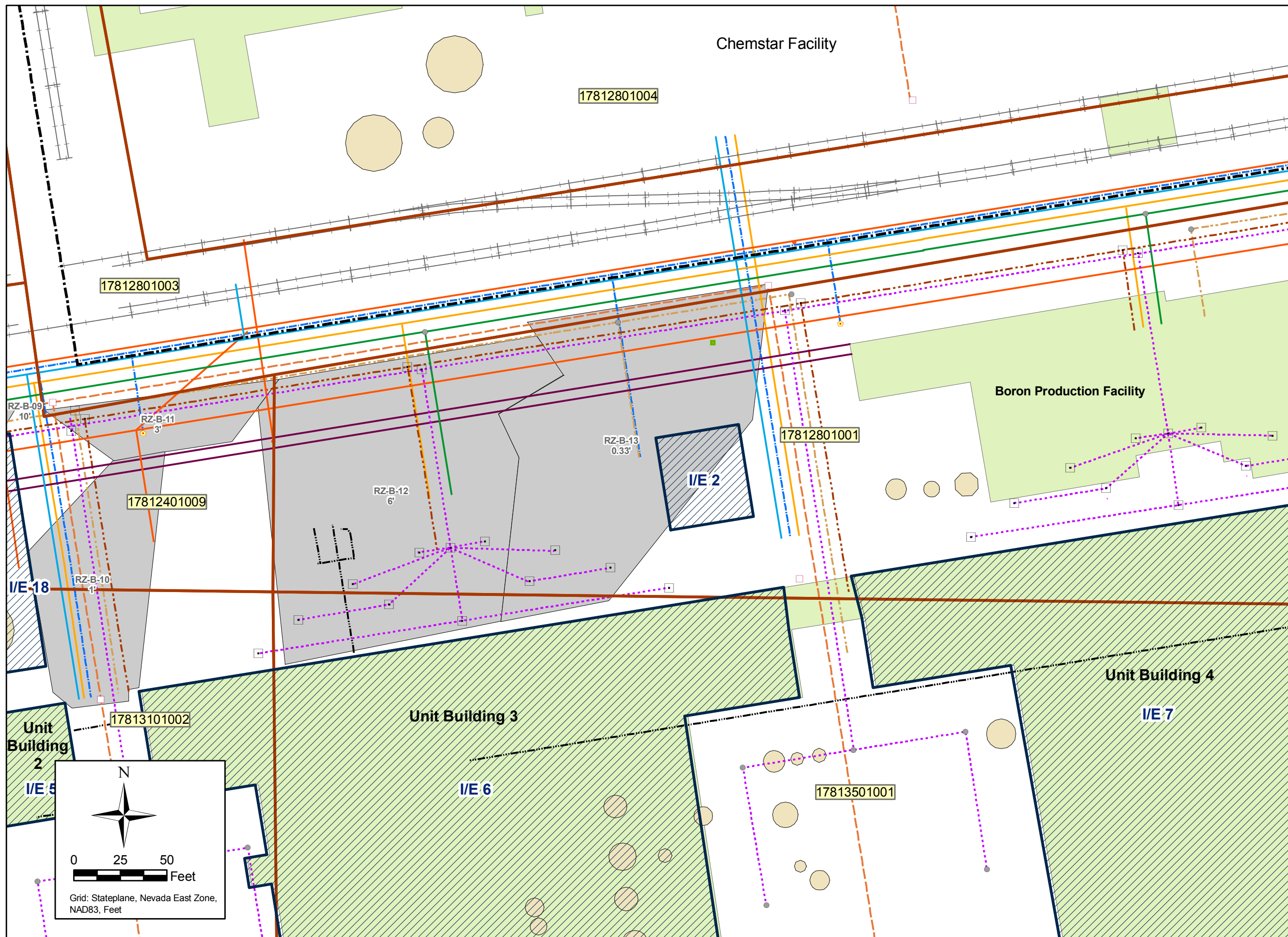


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<b>IE 1 - FOOTINGS FOR OVERHEAD UTILITY RACK</b>	
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada	
SCALE: 1 in = 20 ft	PROJECT NUMBER: 2027.07 T30
DATE: 11/19/10	

FIGURE NUMBER: <b>5</b>
SHEET NUMBER: 1

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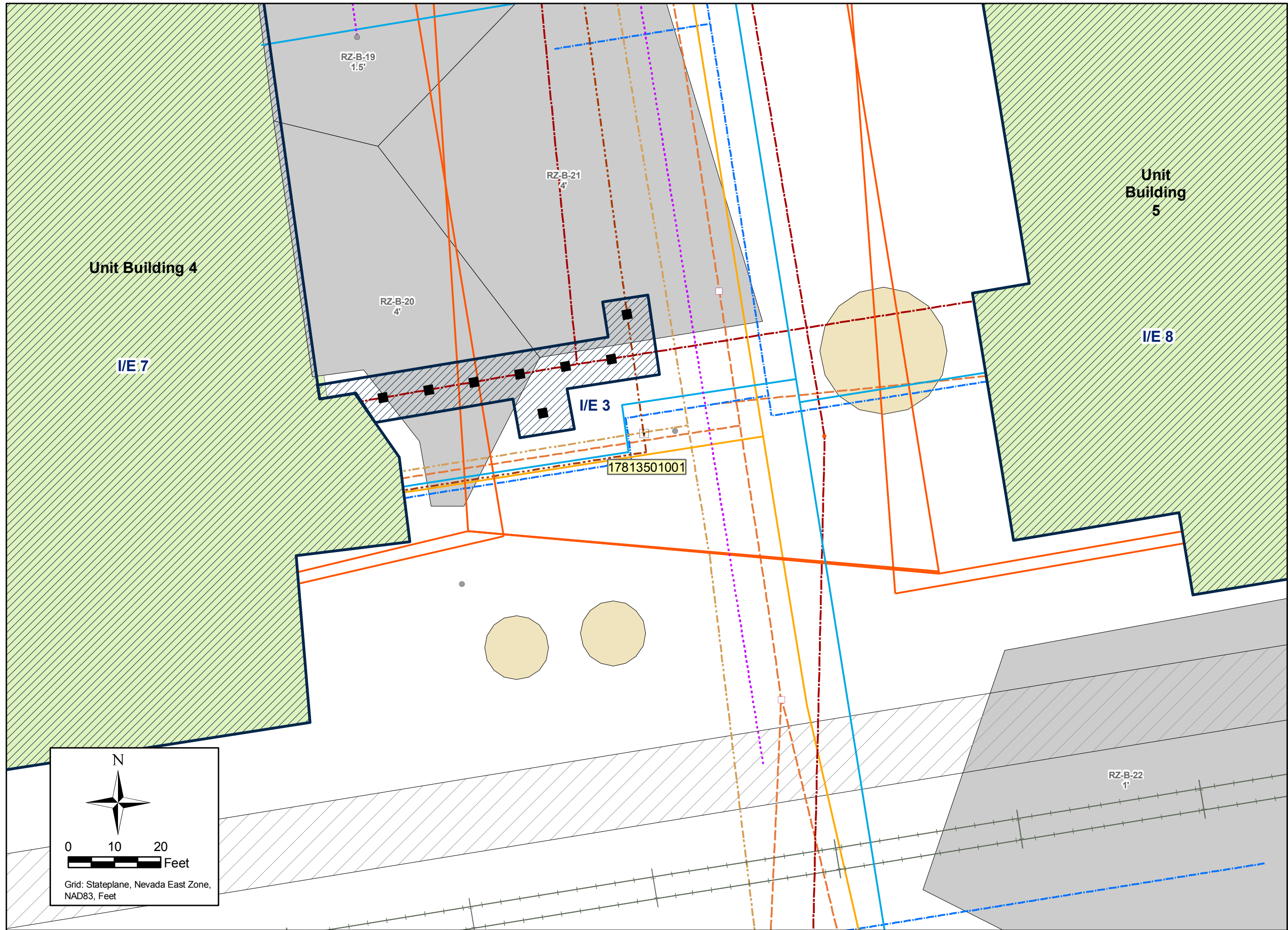


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APPROVED BY:				
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<b>I/E 2 - SODIUM CHLORATE FILTER CAKE PROCESS AREA</b>	
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada	
SCALE:	PROJECT NUMBER:
1 in = 50 ft	2027.07 T30
DATE:	
11/19/10	

FIGURE NUMBER:
<b>6</b>
SHEET NUMBER:
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Grid: Stateplane, Nevada East Zone, NAD83, Feet

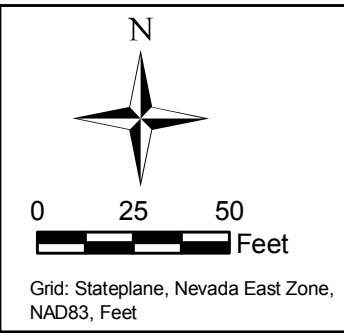
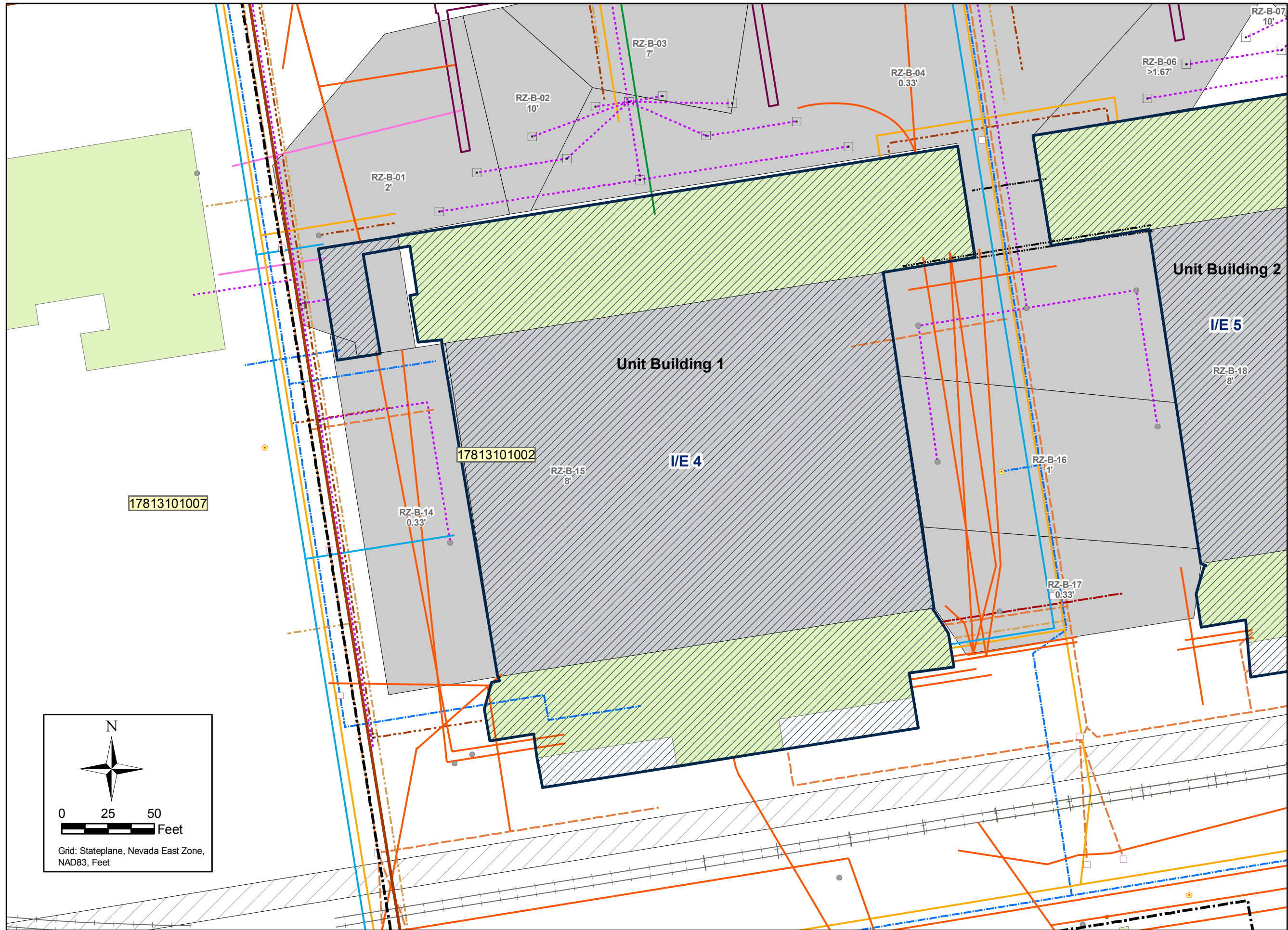
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**I/E 3 - FOOTINGS FOR OVERHEAD PIPE RACK**  
 Environmental Covenants,  
 Institutional and Engineering Control Plan  
 Tronox LLC  
 Henderson, Nevada  
 SCALE: 1 in = 20 ft      DATE: 11/19/10      PROJECT NUMBER: 2027.07 T30

FIGURE NUMBER:  
**7**  
 SHEET NUMBER:  
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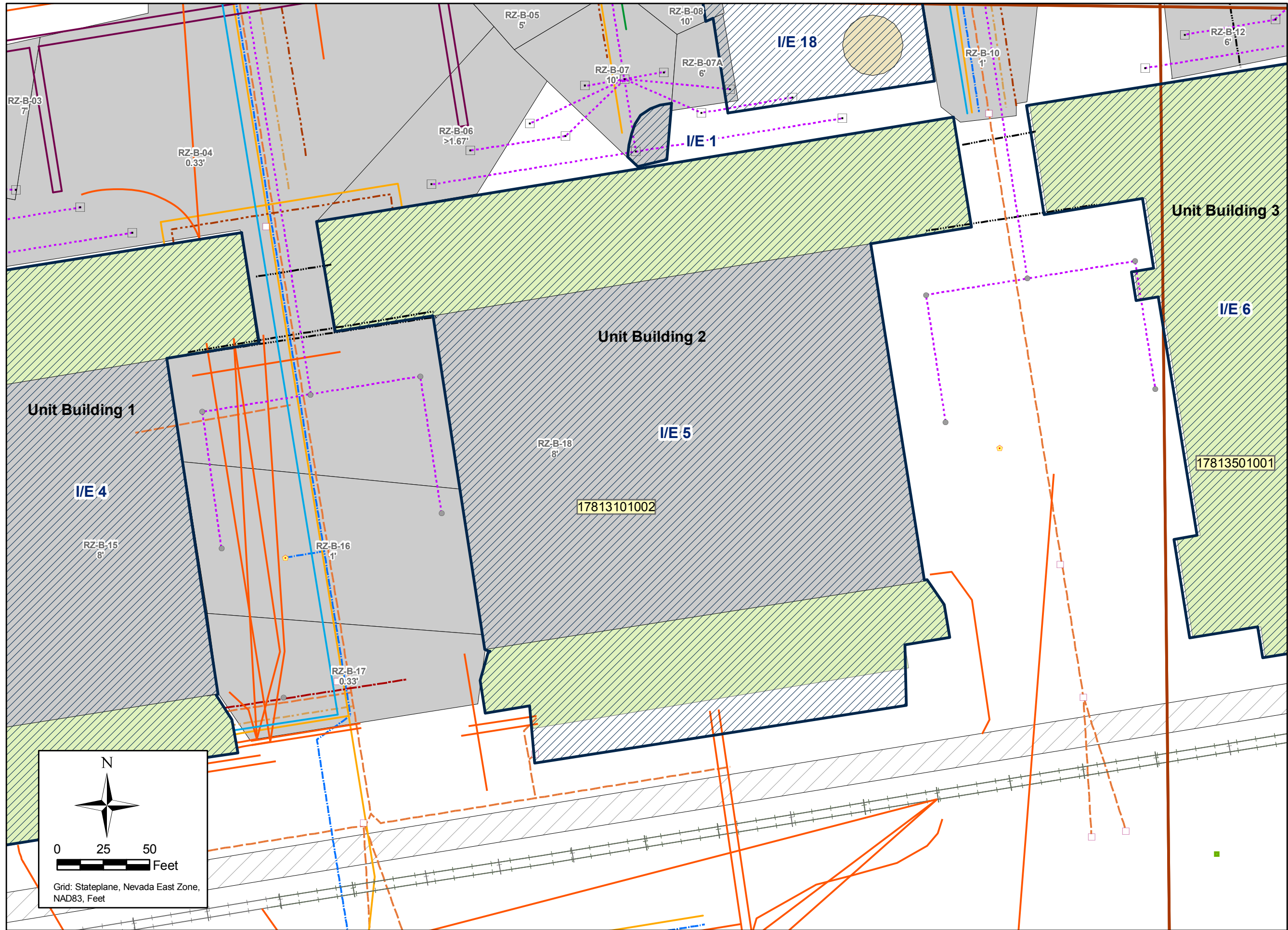
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AK	NO:	DESCRIPTION:	DATE:
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OAS	CHECKED BY:		
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<b>I/E 4 - UNIT BUILDING 1</b>		PROJECT NUMBER:
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada		2027.07 T30
SCALE:	DATE:	
1 in = 50 ft	11/19/10	

FIGURE NUMBER:
<b>8</b>
SHEET NUMBER:
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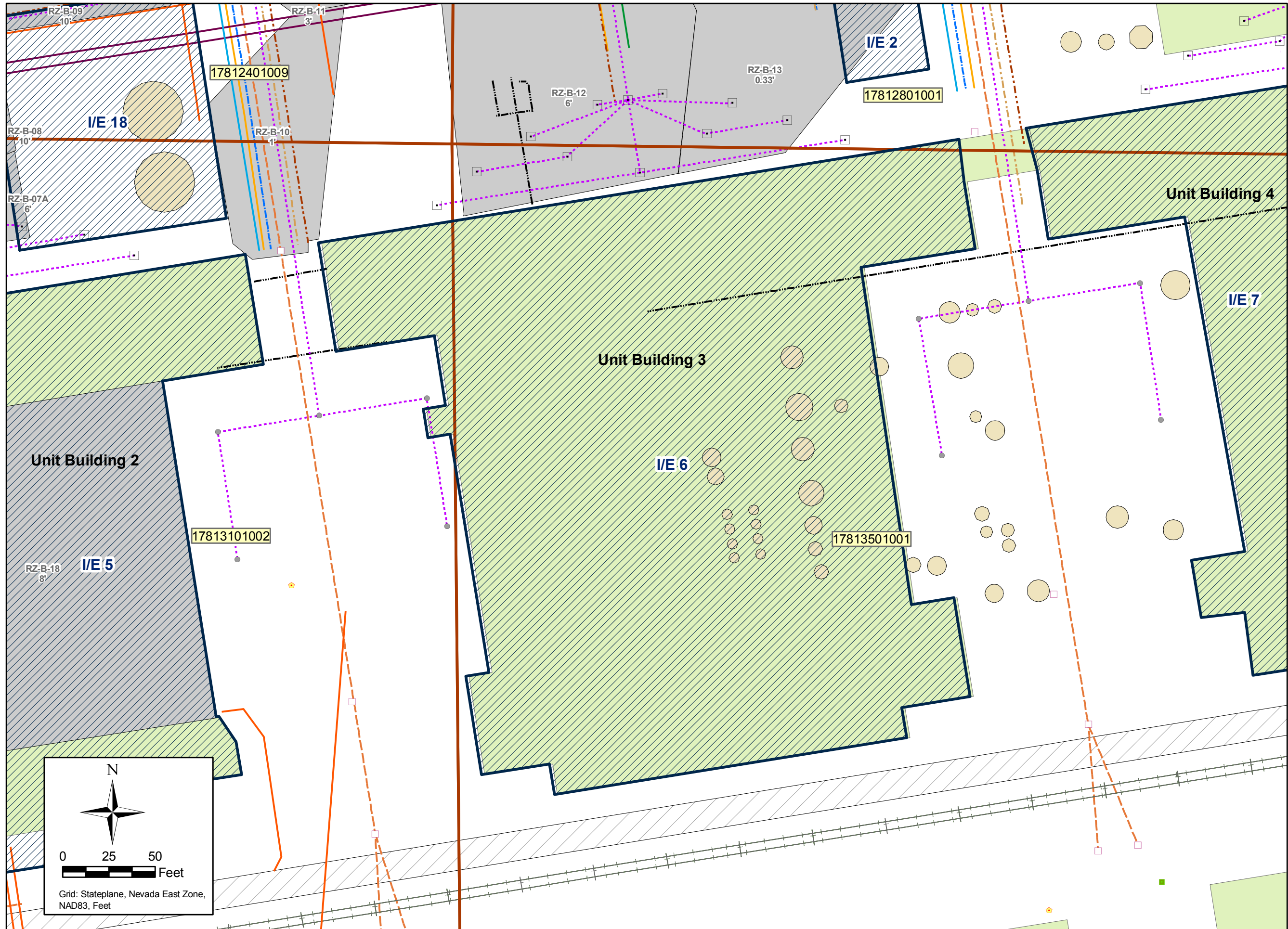


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MW	NO:	DESCRIPTION:	DATE:
OAS	NO:	DESCRIPTION:	DATE:
AK	NO:	DESCRIPTION:	DATE:

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

FIGURE NUMBER:
<b>9</b>
SHEET NUMBER:
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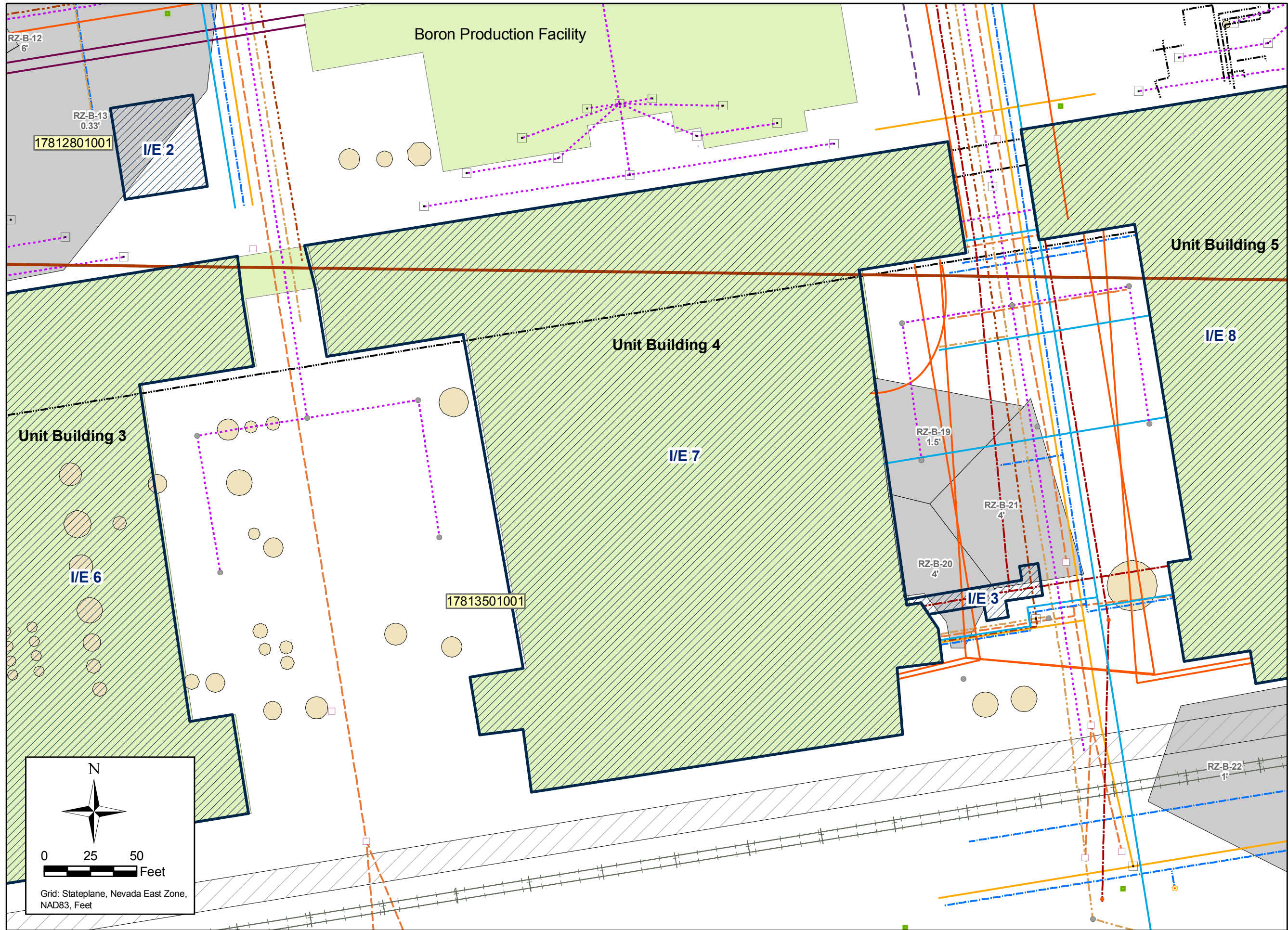


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REVISIONS:		NO:		DESCRIPTION:		DATE:	

<b>I/E 6 - UNIT BUILDING 3</b>		PROJECT NUMBER:	
Environmental Covenants, Institutional and Engineering Control Plan Trinox LLC Henderson, Nevada		2027.07 T30	
SCALE:	DATE:	11/19/10	
1 in = 50 ft			

FIGURE NUMBER:	<b>10</b>
SHEET NUMBER:	1

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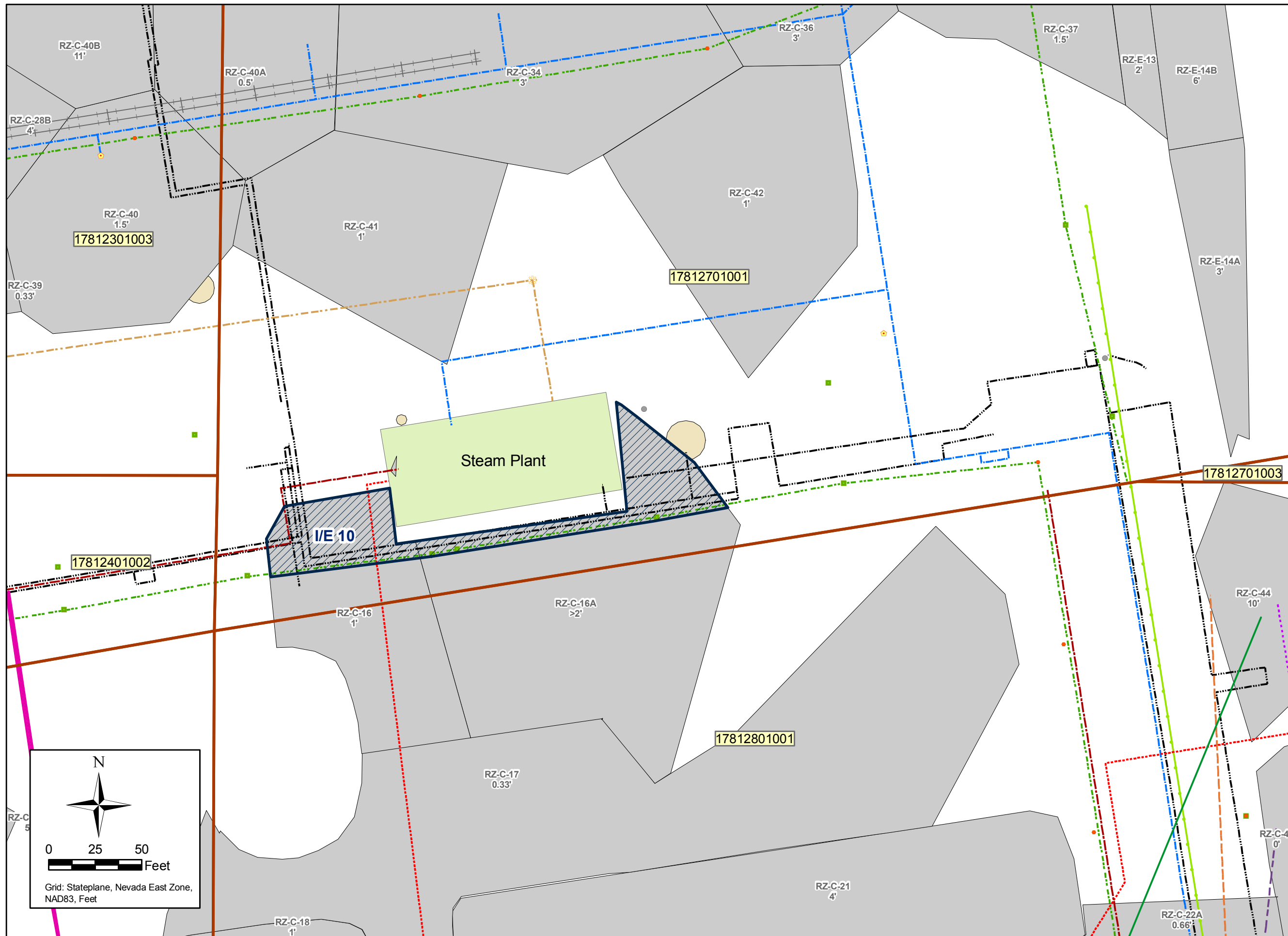
<b>I/E 7 - UNIT BUILDING 4</b>	
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada	
SCALE: 1 in = 50 ft	PROJECT NUMBER: 2027.07 T30
DATE: 11/19/10	

FIGURE NUMBER: <b>11</b>
SHEET NUMBER: 1





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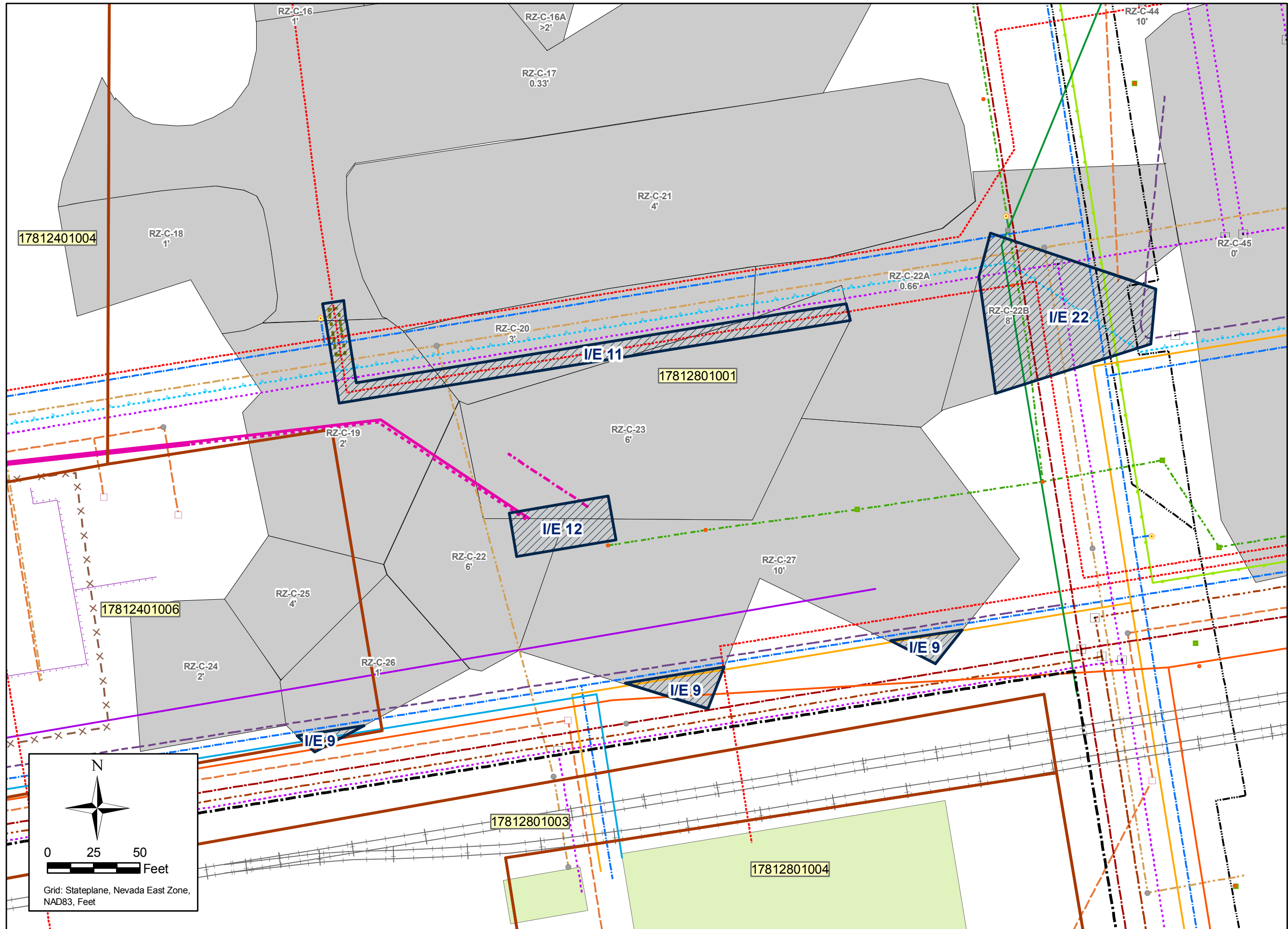


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I/E 10 - STEAM PLANT AND ASSOCIATED FEATURES		PROJECT NUMBER:	
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada		11/19/10	2027.07 T30
SCALE:	DATE:		
1 in = 50 ft			

FIGURE NUMBER:
<b>14</b>
SHEET NUMBER:
1

M:\01 Projects\2027 Tronox\2027\_07 RZ Soil Remediation and Closure\T30 Env Covenants\EC IECP\2027\_07 T30\_EC\_IECP\_F15 IE11\_101119\_r00.mxd Last updated 11/19/2010 10:56:07 AM



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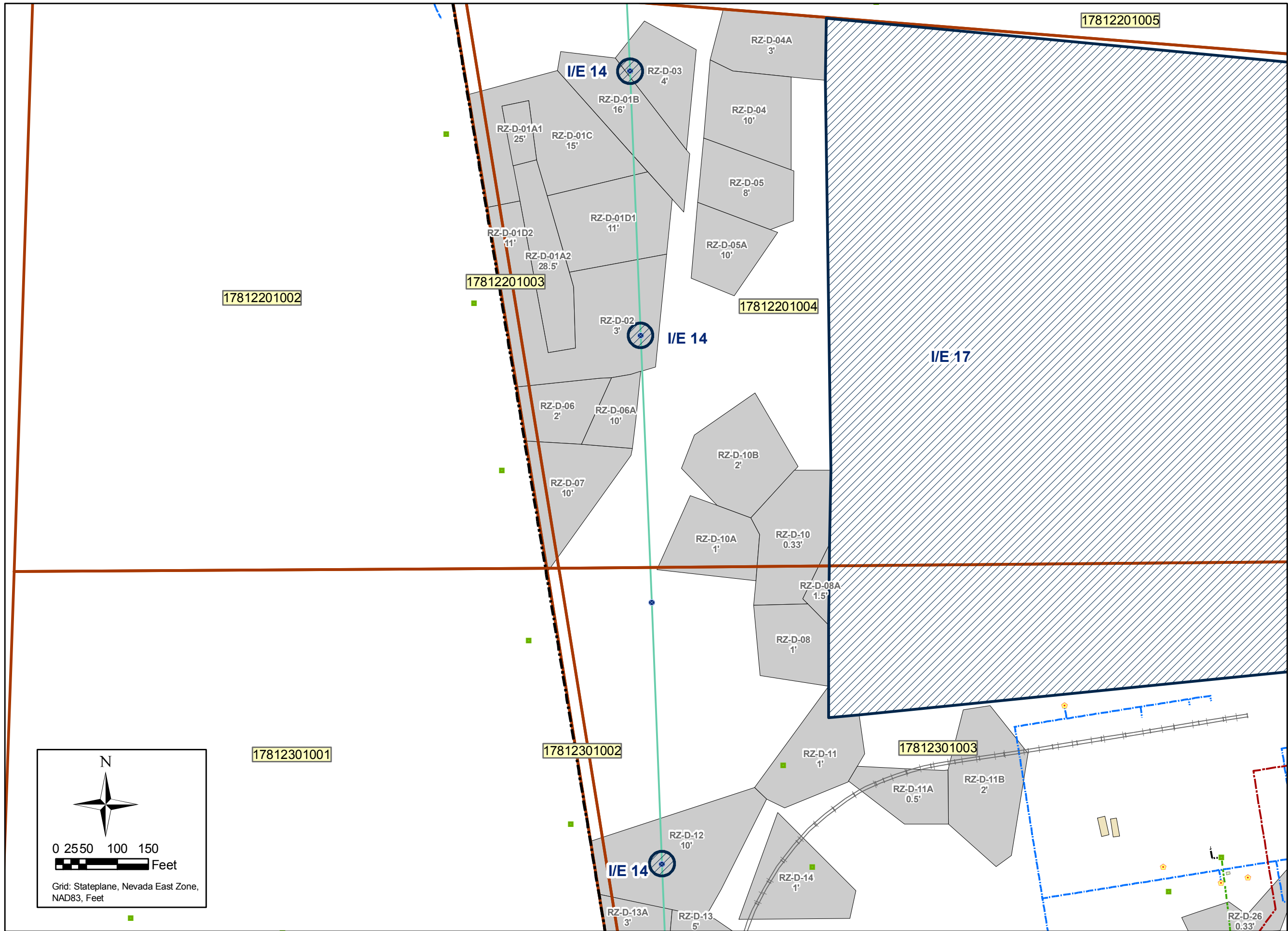
<b>I/E 11 - GAS LINES, METERS AND TELEMETRY WIRING</b>	
Environmental Covenants, Institutional and Engineering Control Plan	
Tronox LLC Henderson, Nevada	
SCALE: 1 in = 50 ft	PROJECT NUMBER: 2027.07 T30
DATE: 11/19/10	

FIGURE NUMBER: <b>15</b>
SHEET NUMBER: 1





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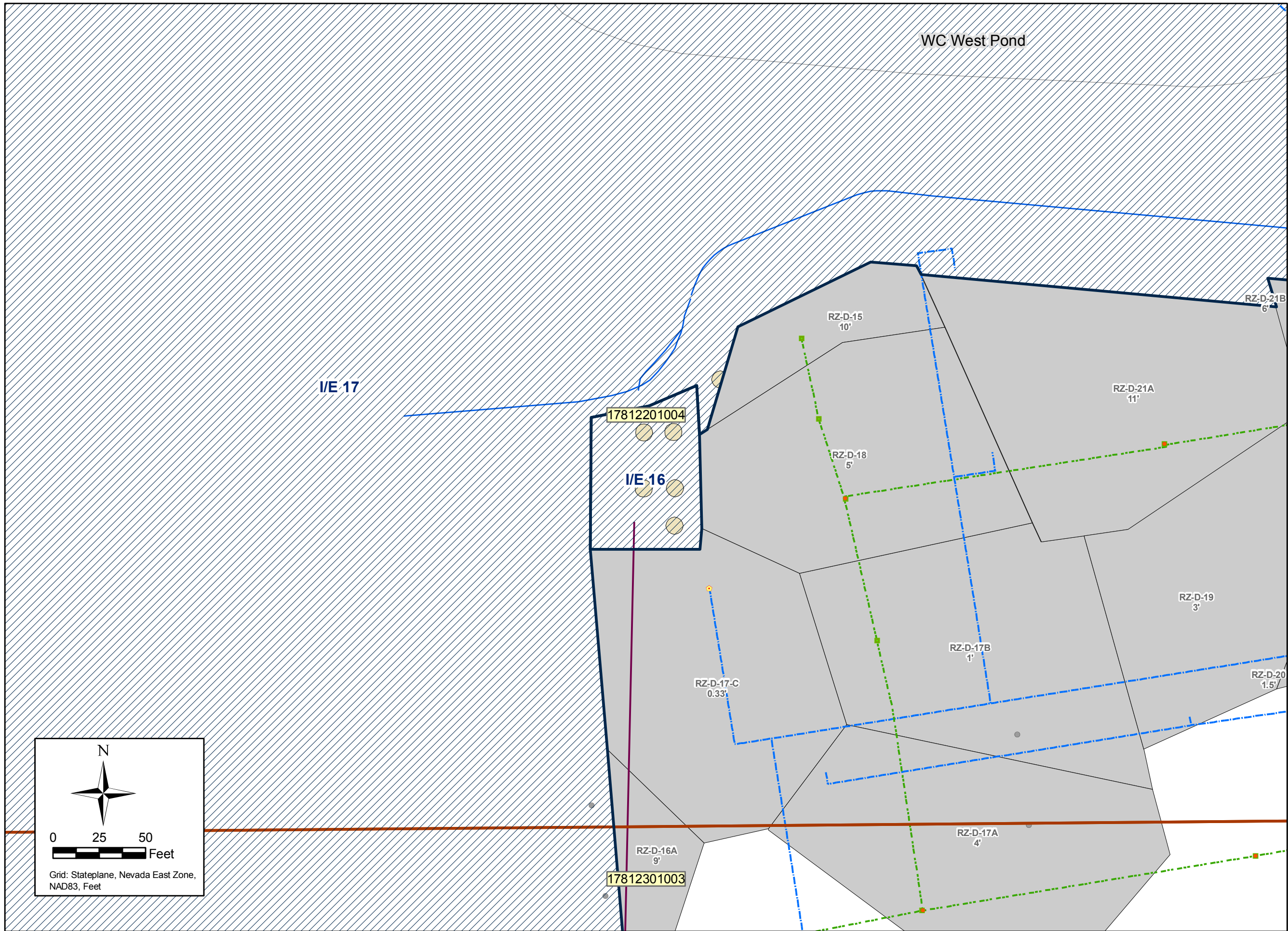
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<b>I/E 14 - NV ENERGY TRANSMISSION LINE TOWERS</b>	
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada	
SCALE: 1 in = 150 ft	DATE: 11/19/10
PROJECT NUMBER: 2027.07 T30	

FIGURE NUMBER: <b>17</b>
SHEET NUMBER: 1

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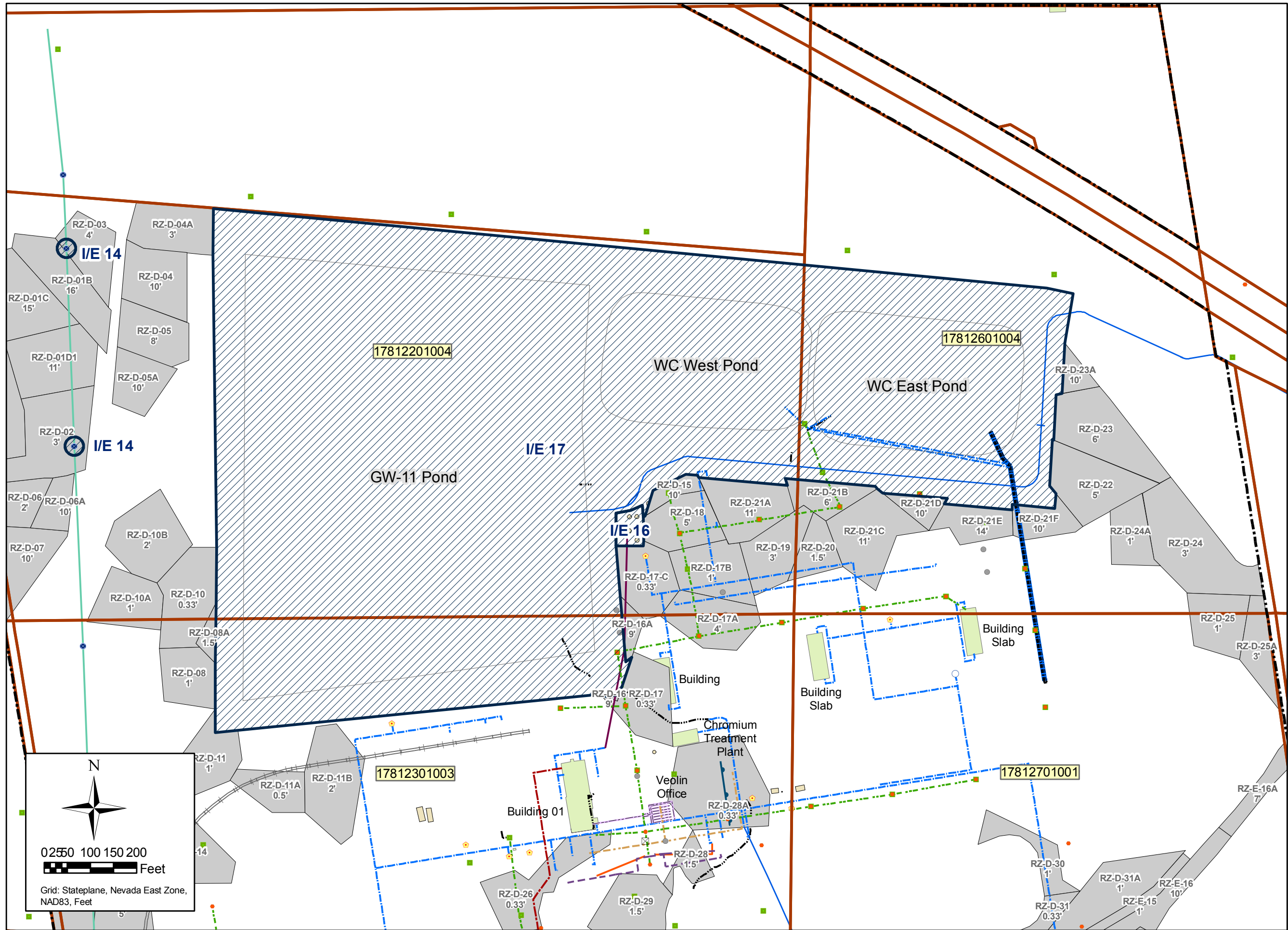


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CHECKED BY: OAS			
APPROVED BY: AK			

<b>I/E 16 - GROUNDWATER TREATMENT SYSTEM EQUALIZATION TANKS</b>	
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada	
SCALE: 1 in = 50 ft	DATE: 11/19/10
PROJECT NUMBER: 2027.07 T30	

FIGURE NUMBER: <b>18</b>
SHEET NUMBER: 1

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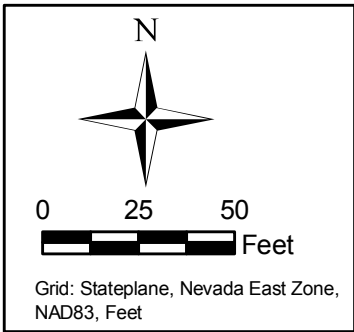
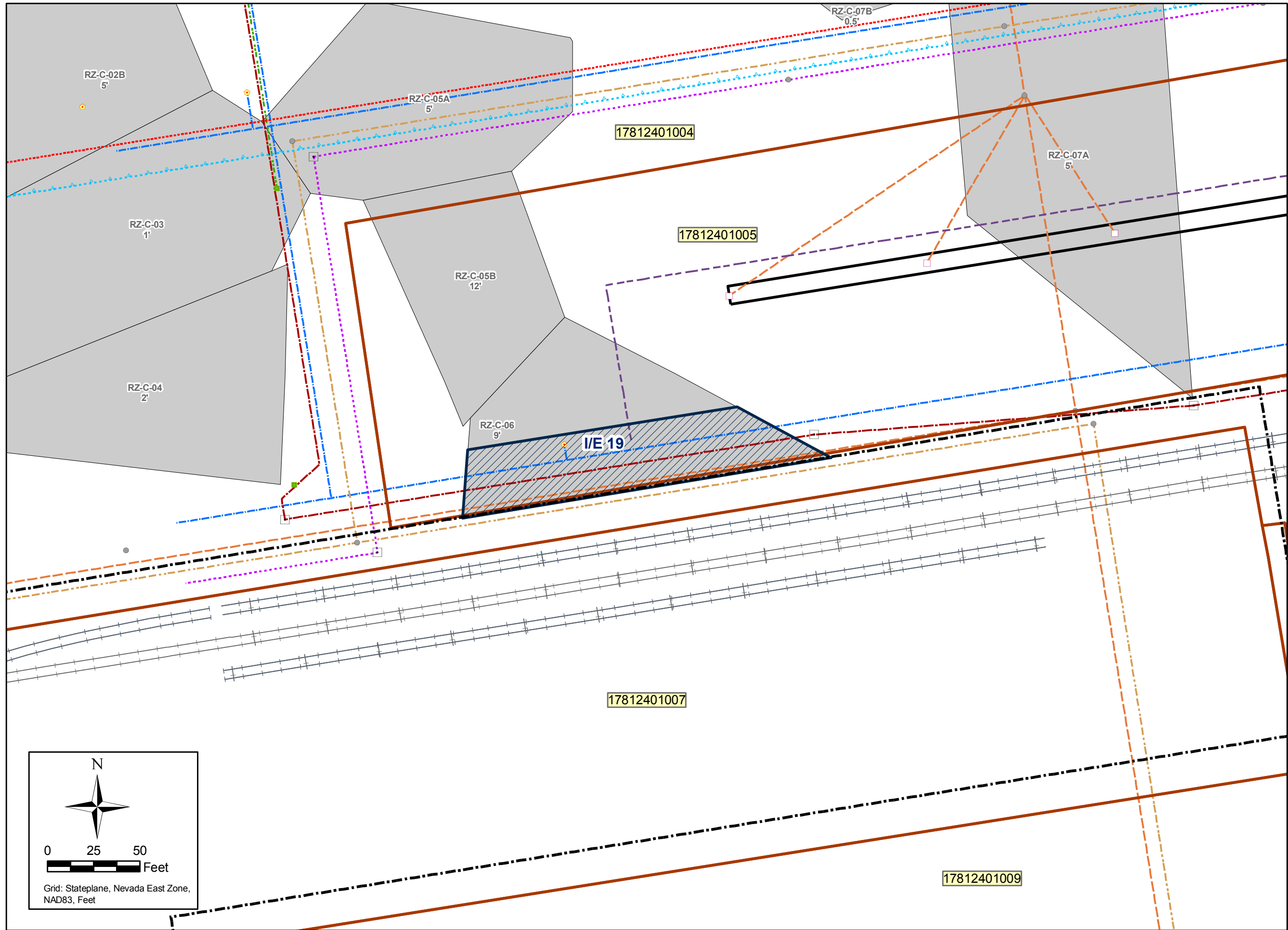
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<b>I/E 17 - GROUNDWATER PONDS AND BERMS AND WC PONDS AND BERMS</b>	
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada	
SCALE:	PROJECT NUMBER:
1 in = 200 ft	2027.07 T30
DATE:	
11/19/10	

FIGURE NUMBER:
<b>19</b>
SHEET NUMBER:
1



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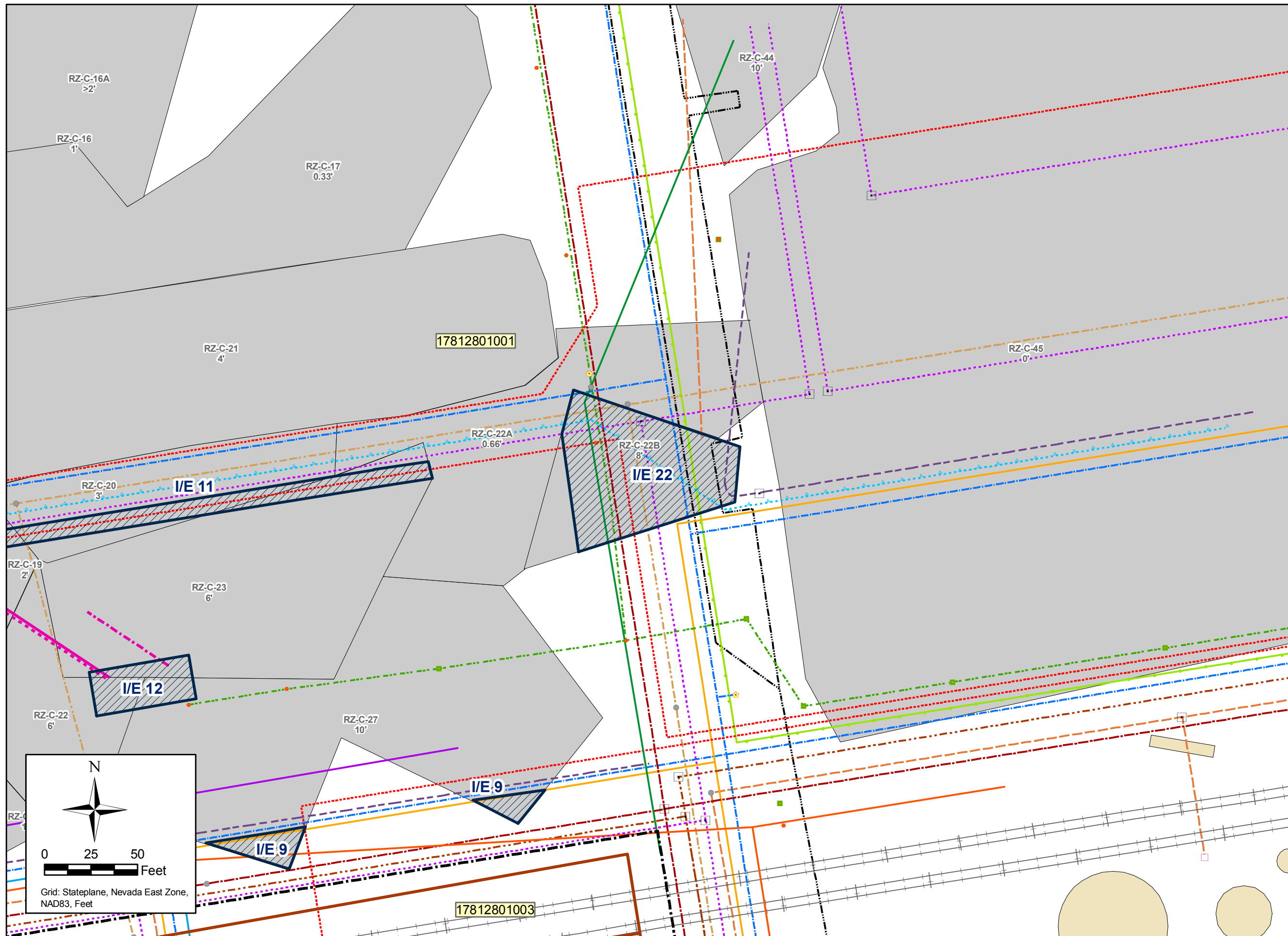
<b>I/E 19 - CHEMSTAR ROAD FIRELINE AND UTILITIES</b>	
Environmental Covenants, Institutional and Engineering Control Plan	
Tronox LLC Henderson, Nevada	
SCALE: 1 in = 50 ft	PROJECT NUMBER: 2027.07 T30
DATE: 11/19/10	

FIGURE NUMBER: <b>21</b>
SHEET NUMBER: 1





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<b>I/E 22 - 9TH STREET UTILITIES</b>	
Environmental Covenants, Institutional and Engineering Control Plan Tronox LLC Henderson, Nevada	
SCALE: 1 in = 50 ft	PROJECT NUMBER: 2027.07 T30
DATE: 11/19/10	

FIGURE NUMBER: <b>24</b>
SHEET NUMBER: 1