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Project Vicinity

Legend

- Project Transmission Line
- Existing Power Facility
- Town Boundary

Woonsocket Substation - Nasonville Substation 115kV Transmission Line Project

Figure 3-1 - Project Alignment Drawings Index Map

State of Rhode Island
Providence County:
Towns of Burrillville & North Smithfield, City of Woonsocket, RI

BSC GROUP
NAD 1983 2011 StatePlane Rhode Island FIPS 3800 Ft US

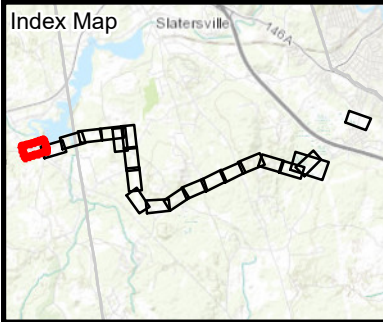
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1" = 1,800'

NOT FOR CONSTRUCTION

DATE: 3/13/2025 AUTHOR: KANDREWS



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Aerial Imagery:
Collected April 29-May 2, 2020 by NV5 Geospatial powered by Quantum Spatial, under contract to the University of Rhode Island.



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Install Structure	Access Preparation & Mow*	FEMA 100yr Floodplain*	Culvert	Proposed Electrical Equipment
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WOONSOCKET SUBSTATION - NASONVILLE

SUBSTATION 115KV TRANSMISSION

LINE PROJECT

Figure 3-1
Project Alignment Drawings

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Burrillville, RI

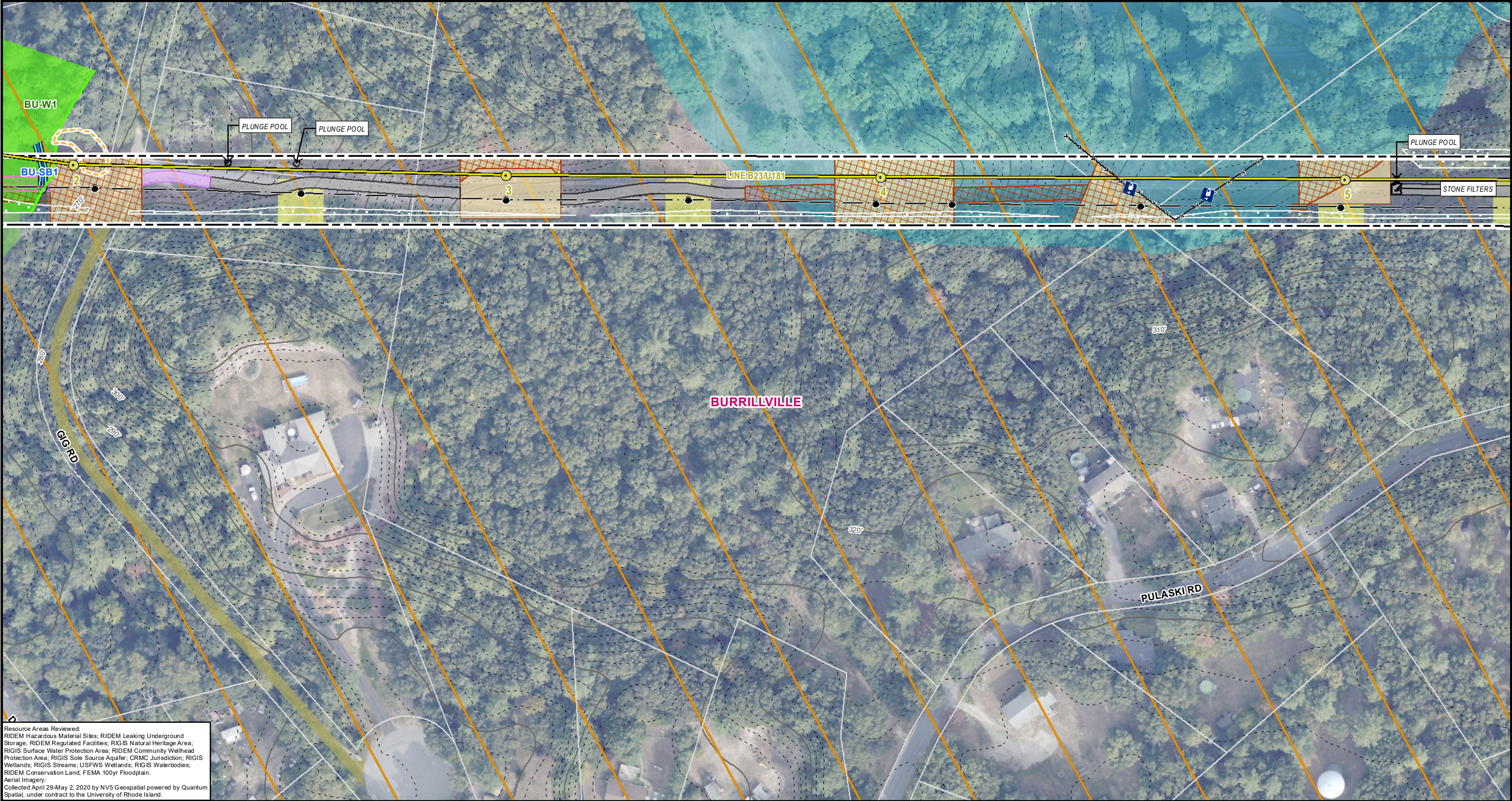
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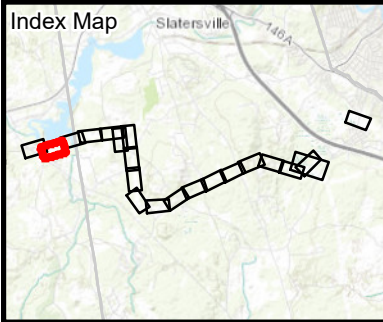
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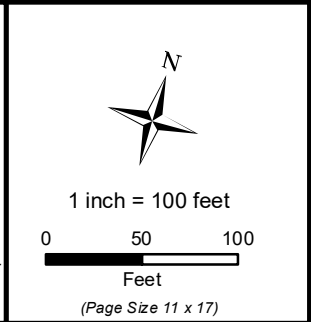
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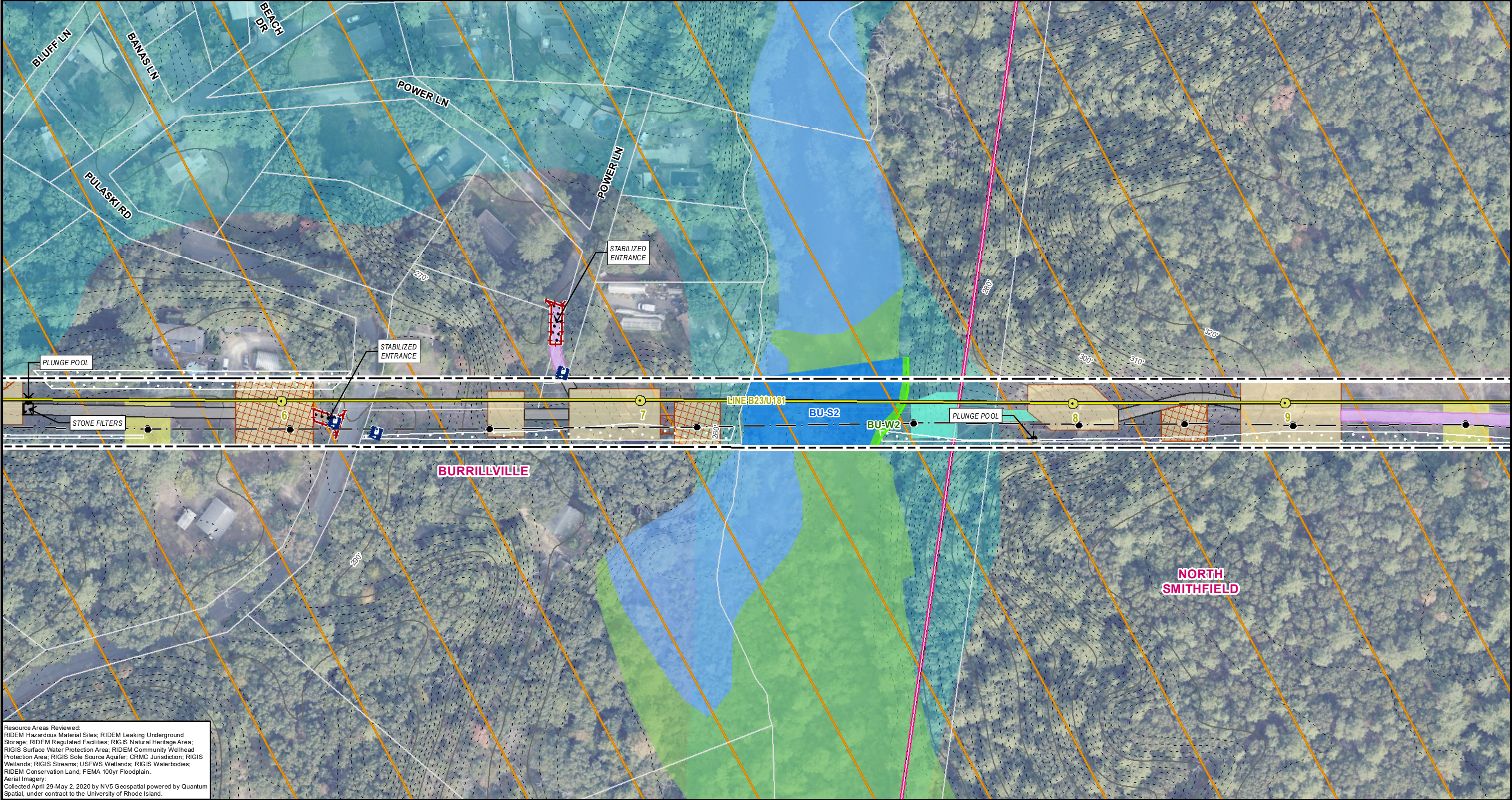
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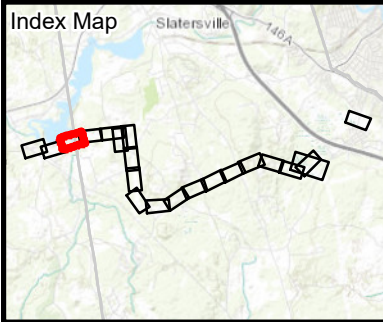
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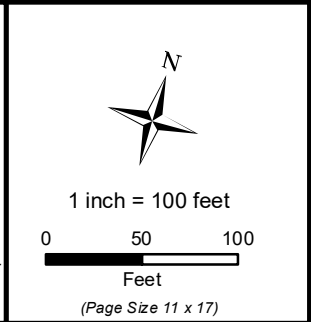
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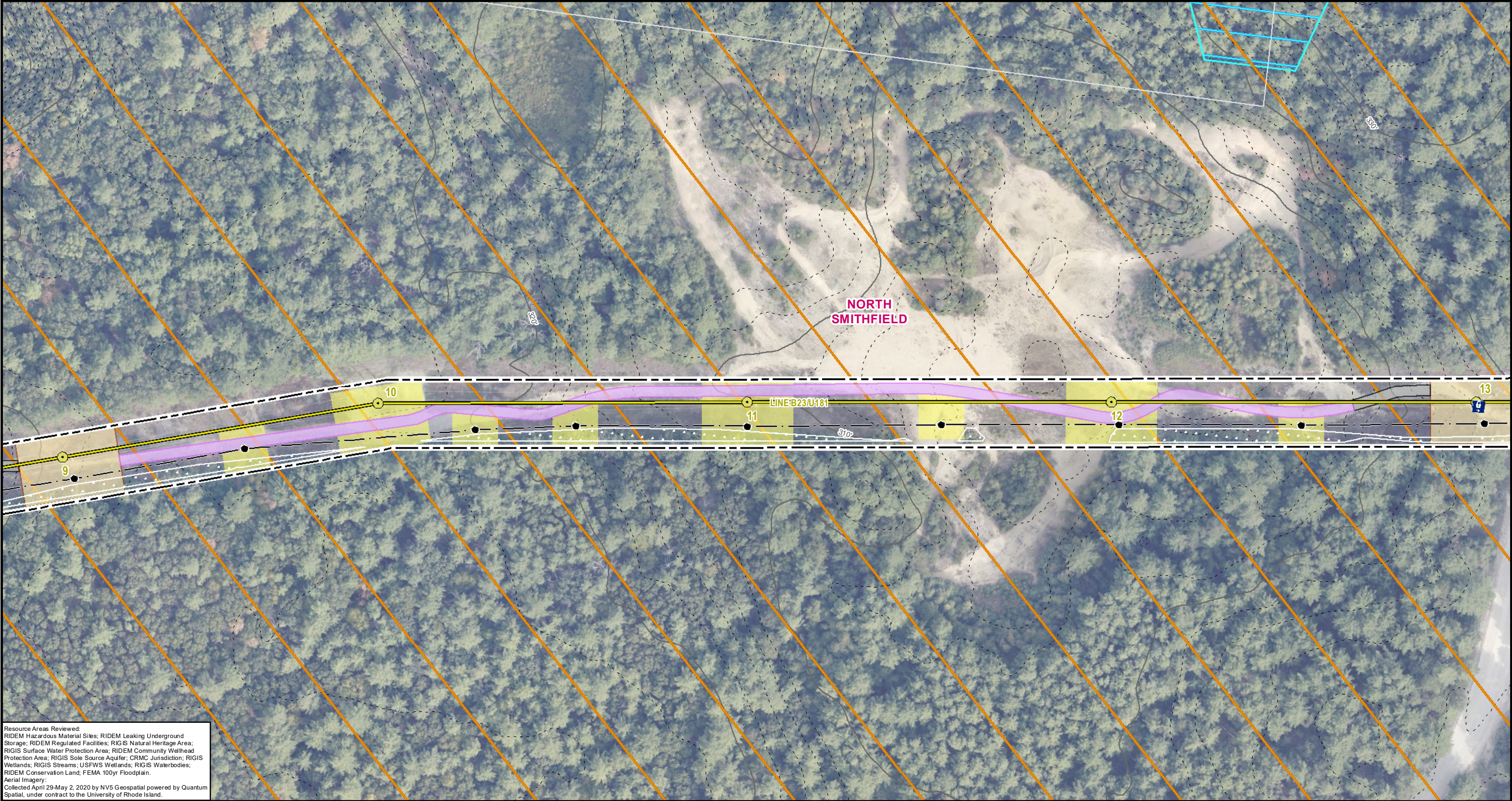
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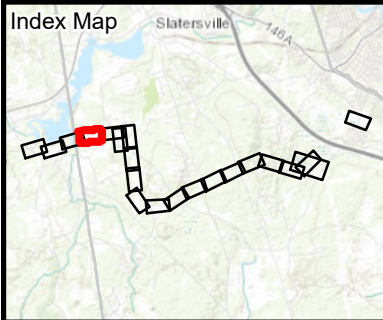
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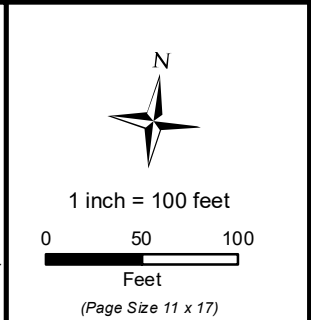
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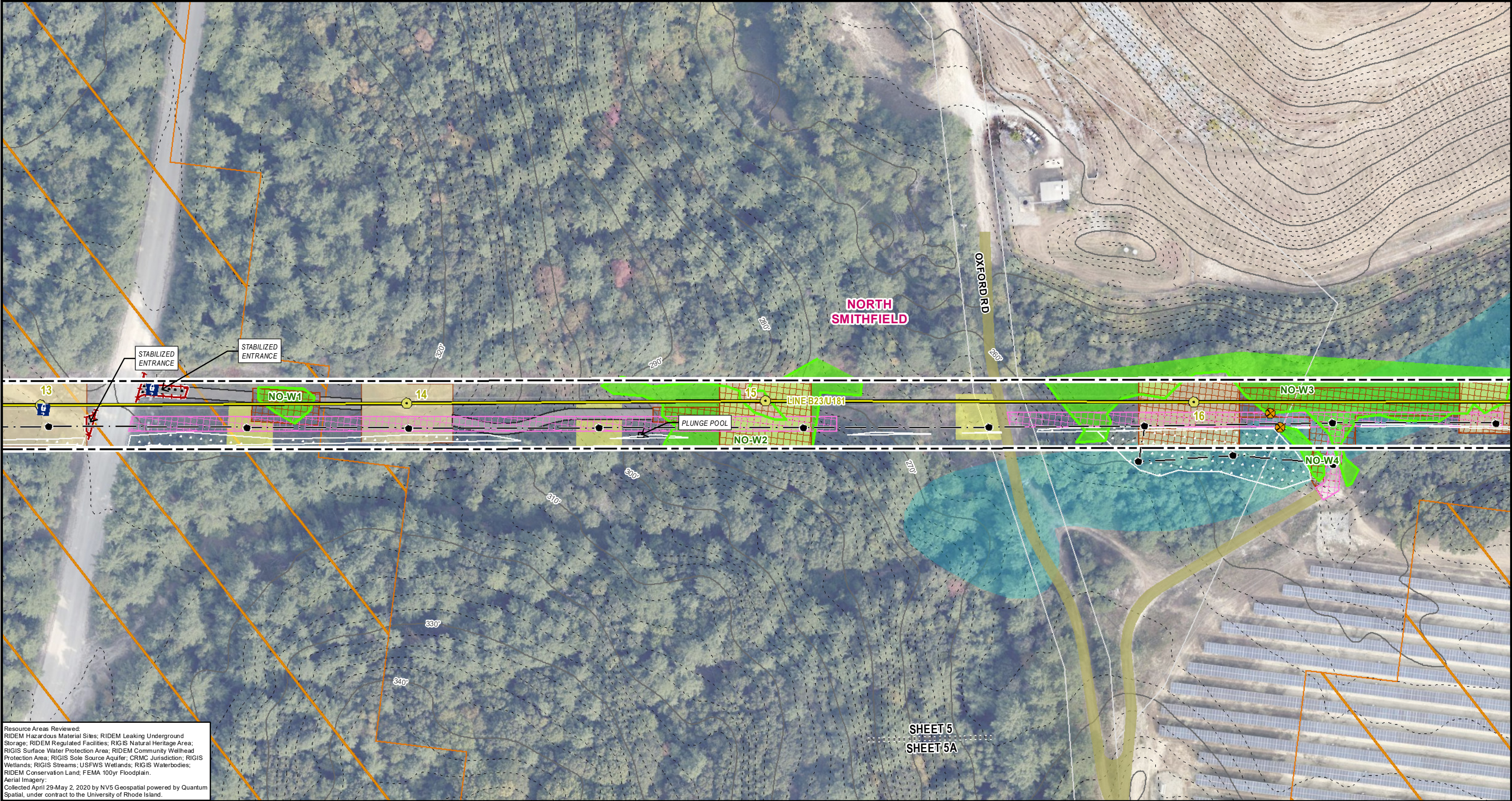
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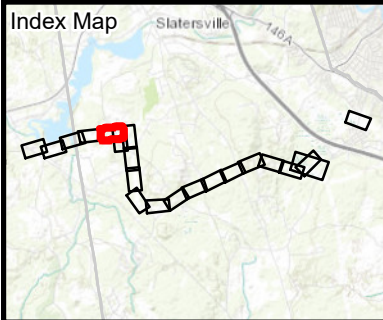
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Figure 3-1
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North Smithfield, RI

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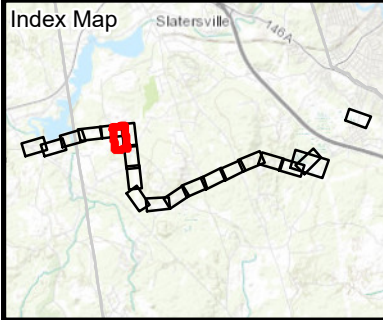
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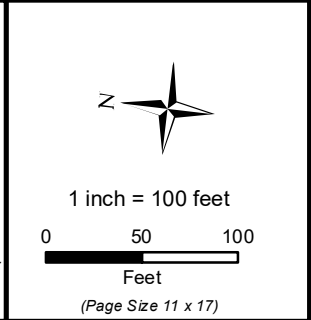
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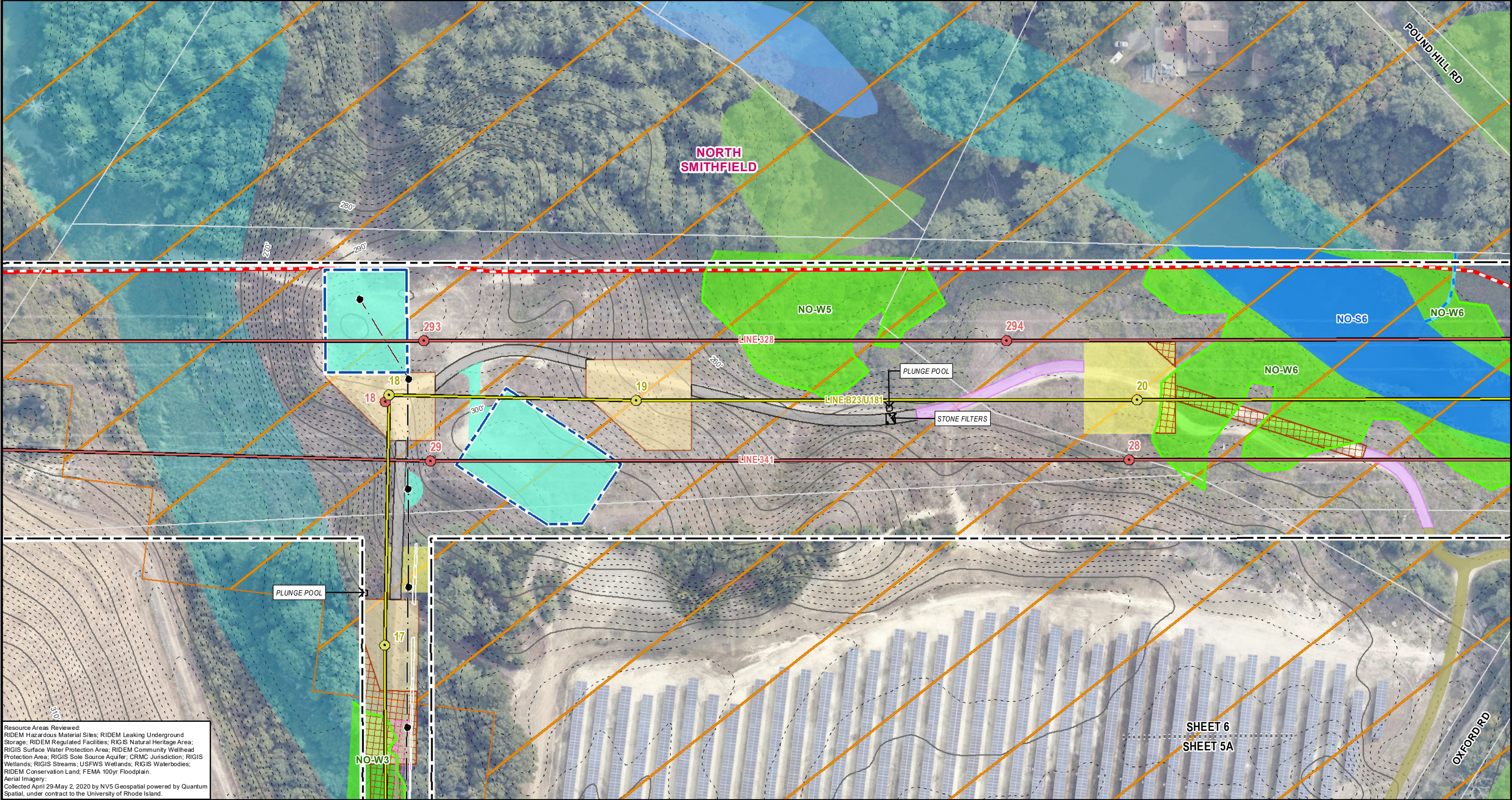
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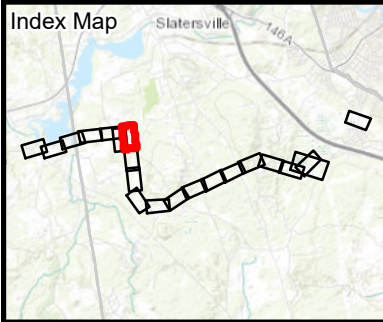
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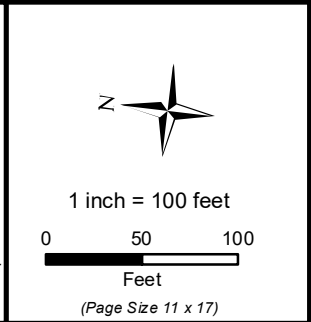
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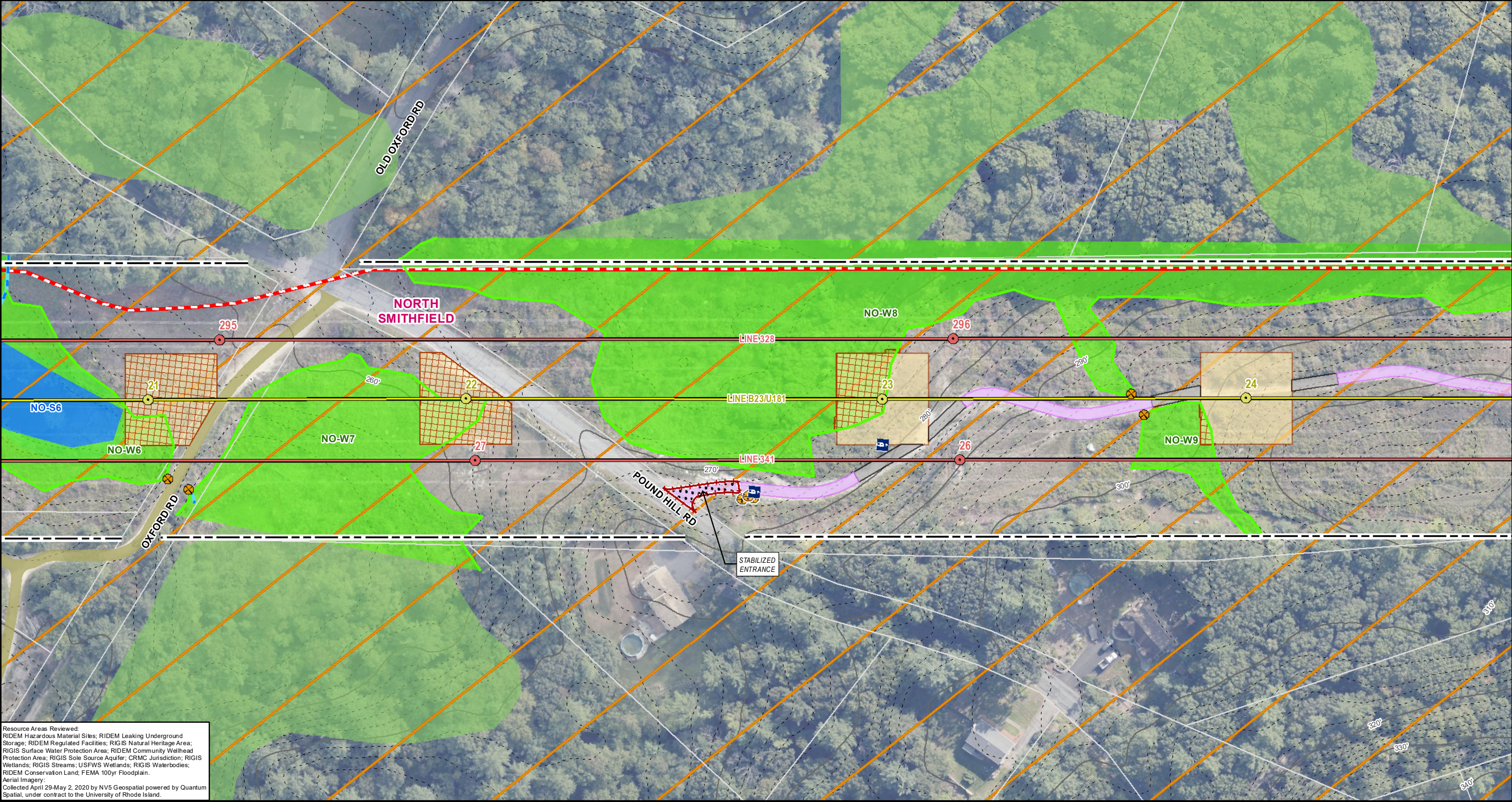
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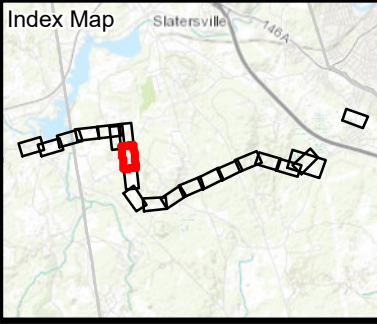
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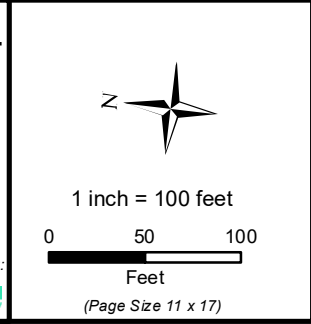
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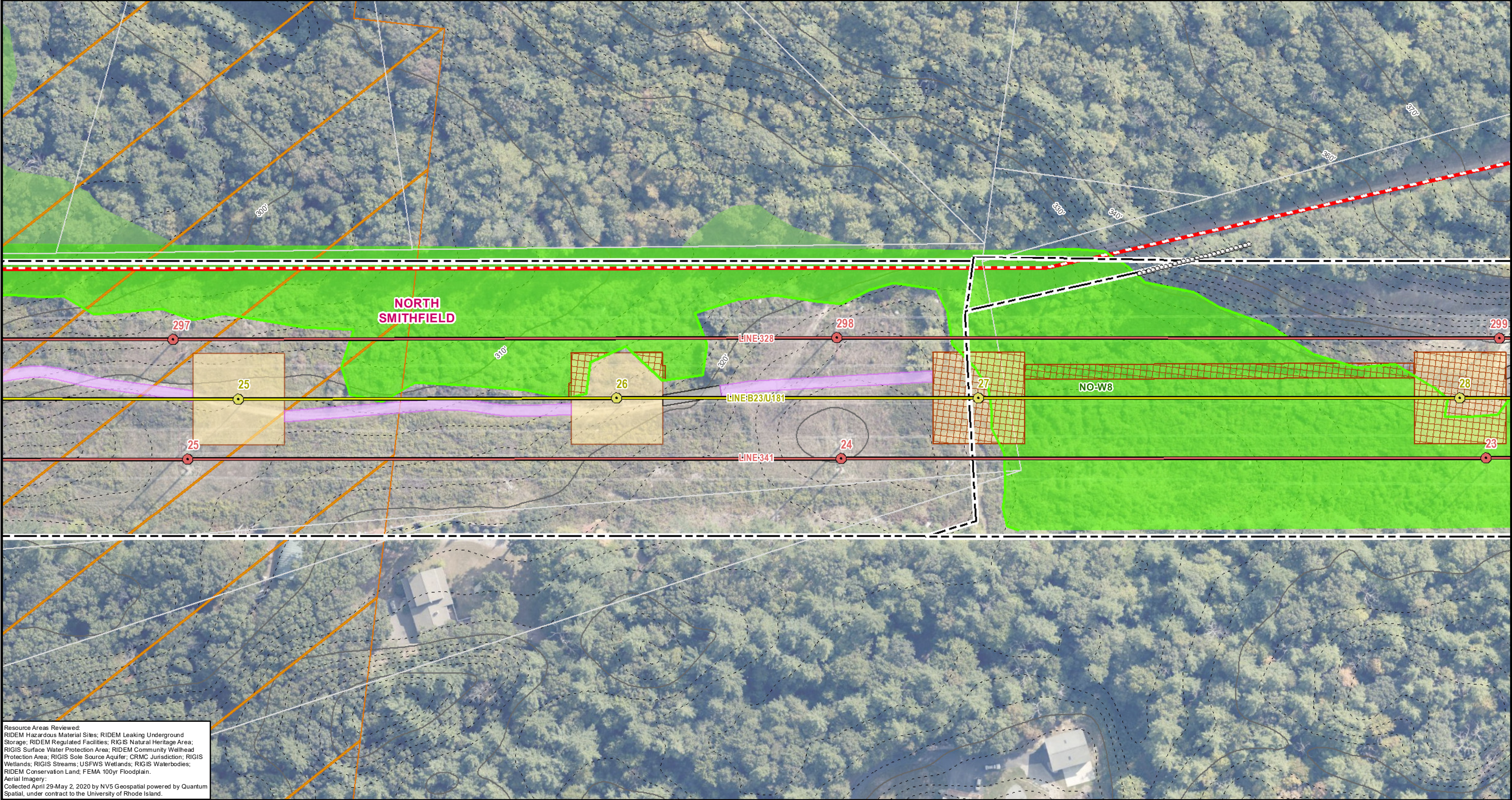
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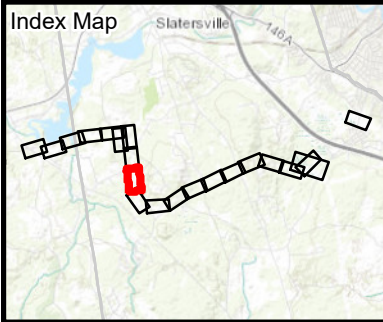
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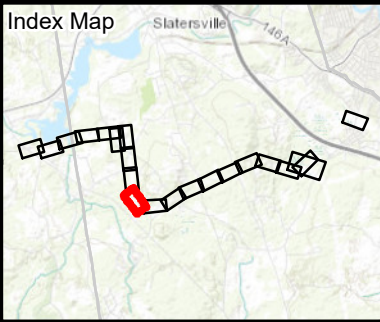
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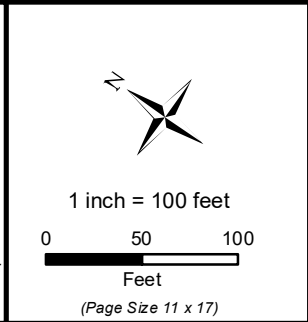
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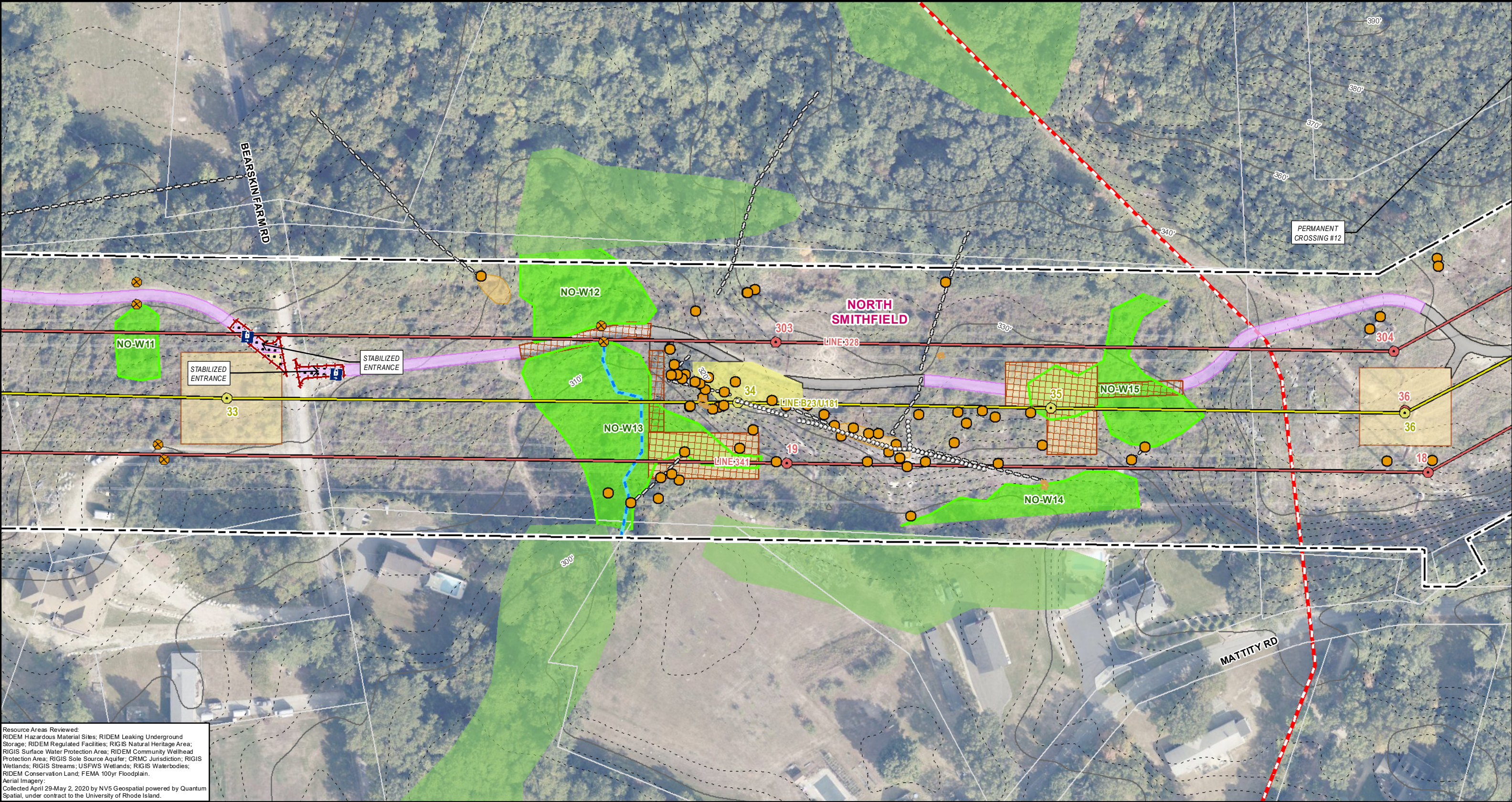
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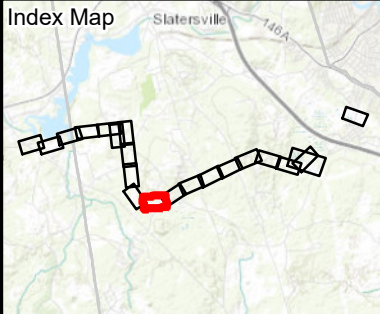
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Resource Areas Reviewed:
RIDEM Hazardous Material Sites; RIDEM Leaking Underground Storage; RIDEM Regulated Facilities; RIGIS Natural Heritage Area; RIGIS Surface Water Protection Area; RIDEM Community Wellhead Protection Area; RIGIS Sole Source Aquifer; CRMC Jurisdiction; RIGIS Wetlands; RIGIS Streams; USFWS Wetlands; RIGIS Waterbodies; RIDEM Conservation Land; FEMA 100yr Floodplain.
Aerial Imagery:
Collected April 29-May 2, 2020 by NV5 Geospatial powered by Quantum Spatial, under contract to the University of Rhode Island.



Legend				
Existing Structure	Existing Access*	RIGIS Open Water*	Approximate Pipeline	Sediment Control Barrier
Install Structure	Access Preparation & Mow*	FEMA 100yr Floodplain*	Culvert	Proposed Electrical Equipment
Existing Overhead Line	Temporary Access to be Restored*	Potential Vernal Pool	Access Gate	Proposed Asphalt Drive
Install Overhead Line	Pull Pad	Natural Heritage Area	Proposed Fence	Proposed Yard Stone
Proposed Distribution Pole	Field Delineated Stream Bank (OHWM)	Community Wellhead Protection Area	Existing Fence	CSL Data
Proposed Distribution Overhead Line	Field Delineated Centerline	Town Boundary	Remove Fence	Stone Feature
Approximate Edge of ROW	Field Delineated Stream*	Parcel Boundaries	Stonewall	Sensitive Feature
Existing Access to be Improved*	Field Delineated Wetland Boundary	Underground Storage Tank	Protected Resource Location	Sensitive Feature*
Engineered Access*	Field Delineated Wetland*	EPCRA Tier II Facility Outside Drinking Water Supply Area	Tree Clearing Area	
Matted Work Areas	NHD Flowline	Environmental Land Use Restriction	Matted Work Areas (Forestry)	
Proposed Structure Work Pad*	RIGIS Wetlands*			

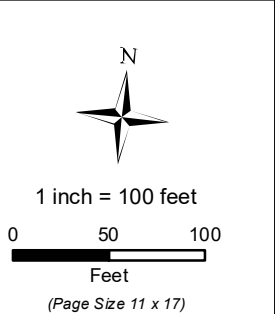
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SUBSTATION 115KV TRANSMISSION
LINE PROJECT

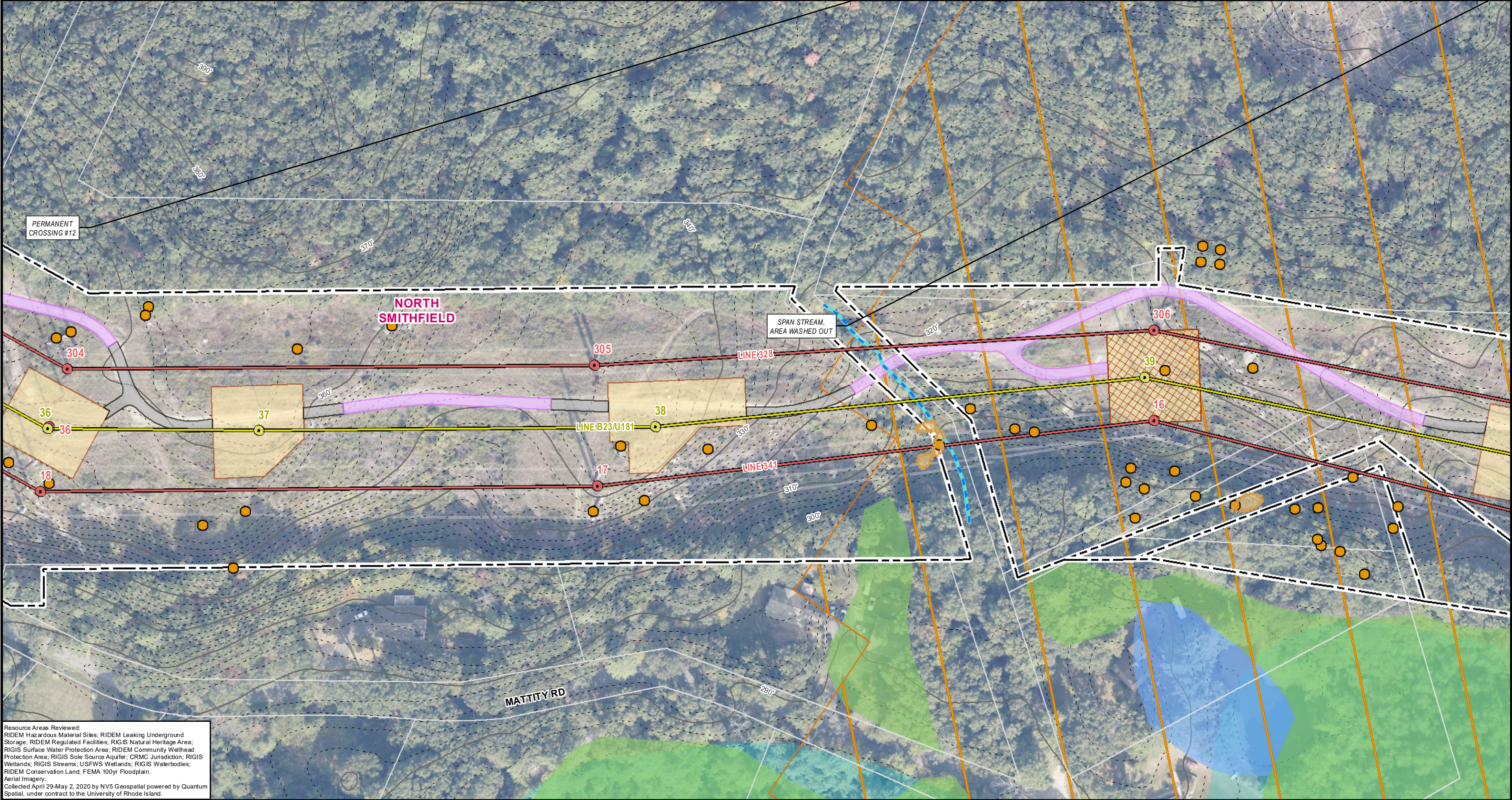
Figure 3-1
Project Alignment Drawings

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North Smithfield, RI

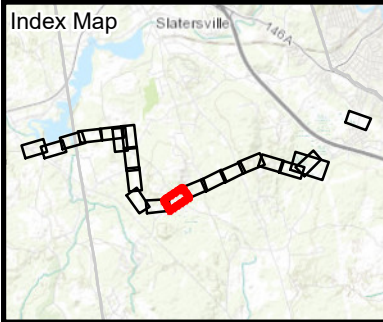
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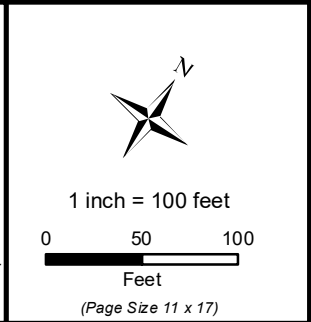
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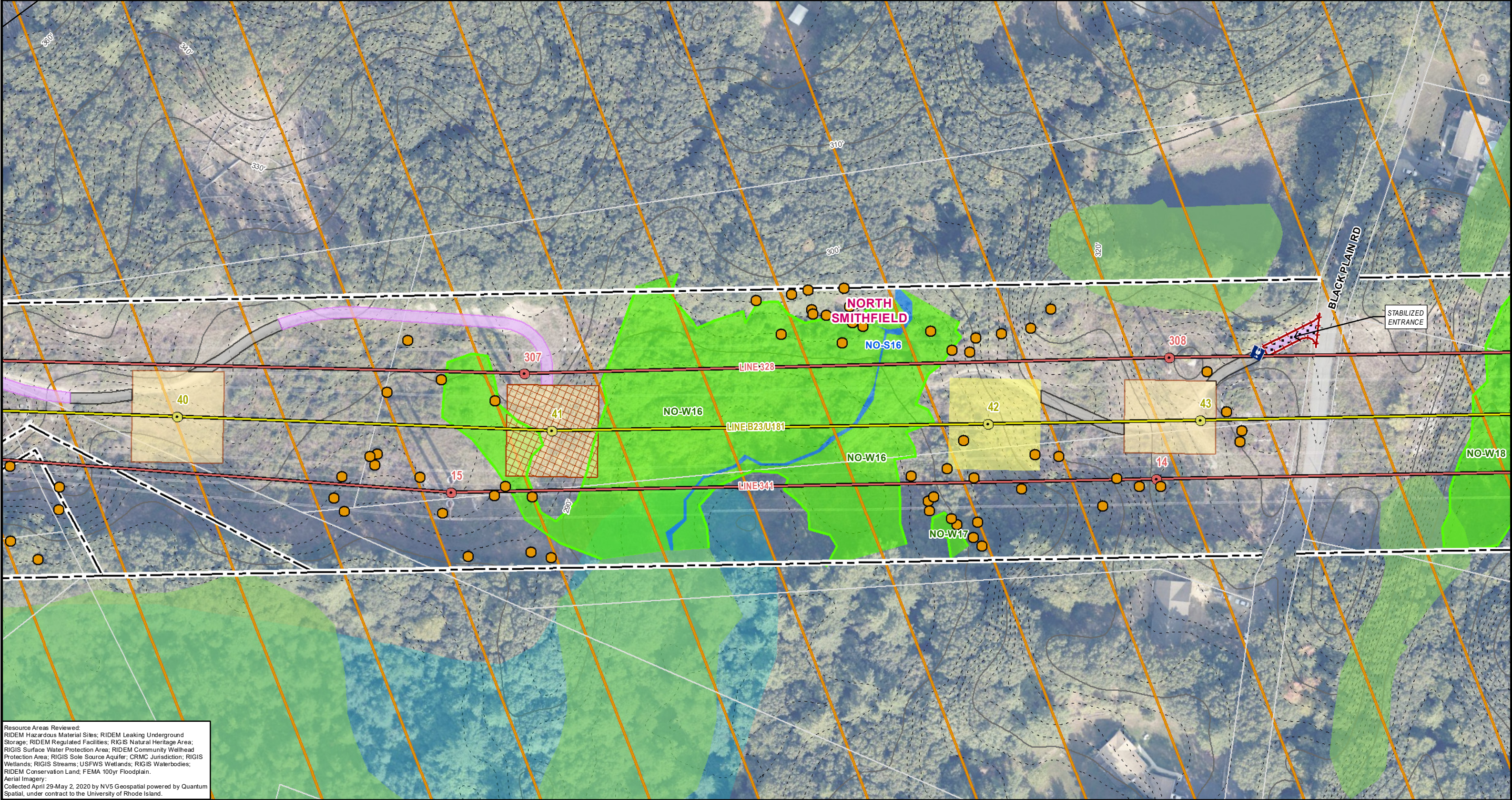
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North Smithfield, RI

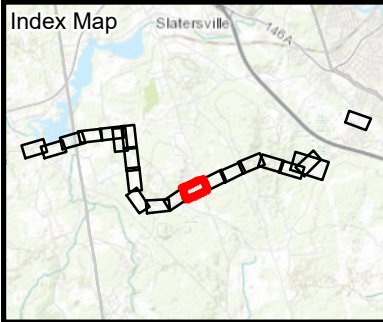
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WOONSOCKET SUBSTATION - NASONVILLE

SUBSTATION 115KV TRANSMISSION

LINE PROJECT

Figure 3-1
Project Alignment Drawings

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North Smithfield, RI

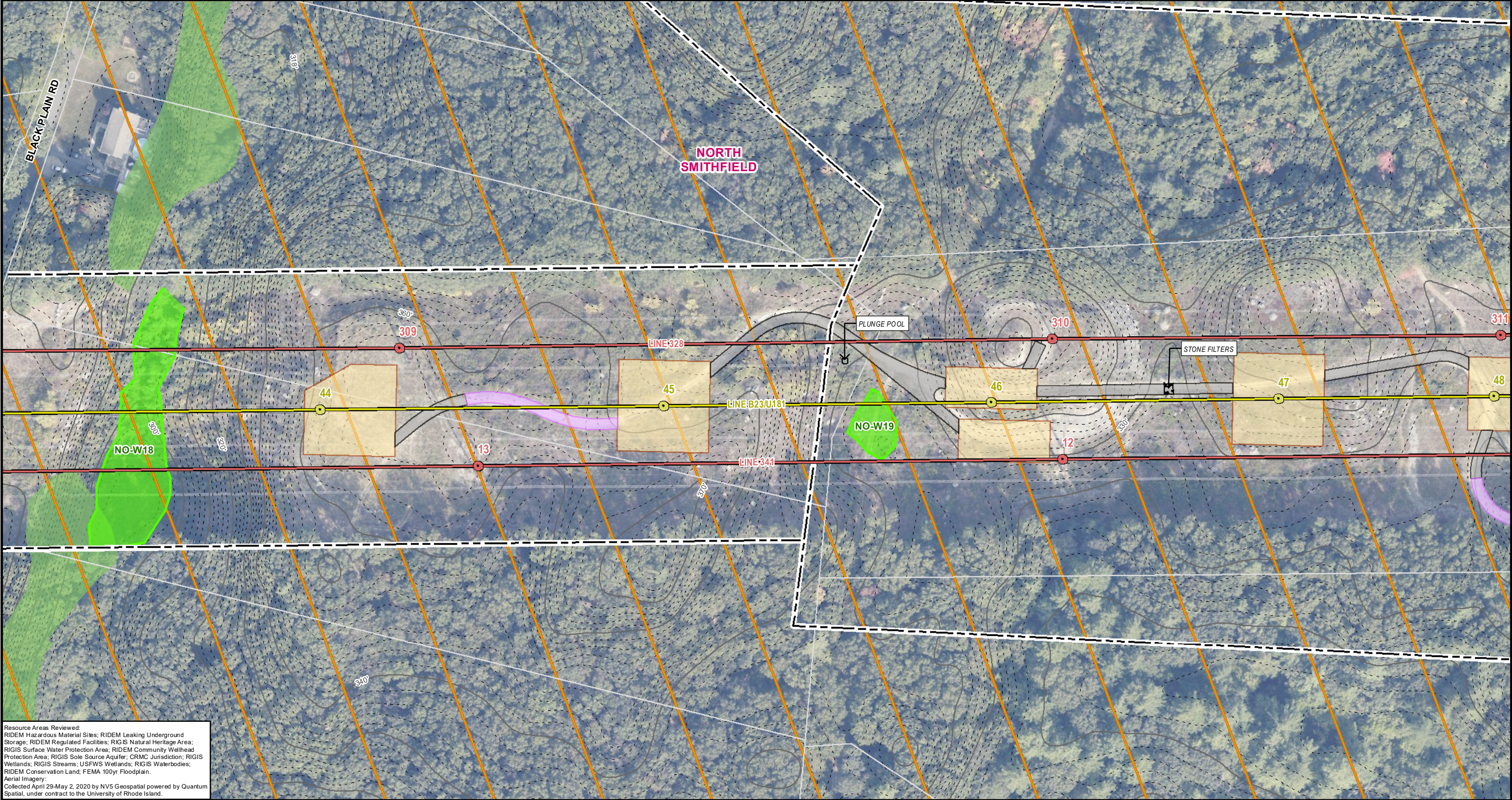
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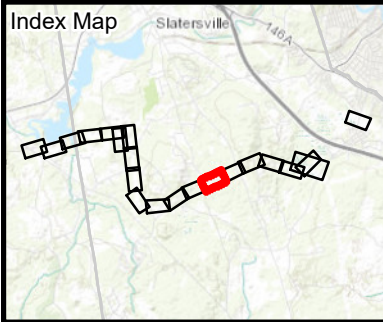
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WOONSOCKET SUBSTATION - NASONVILLE

SUBSTATION 115KV TRANSMISSION

LINE PROJECT

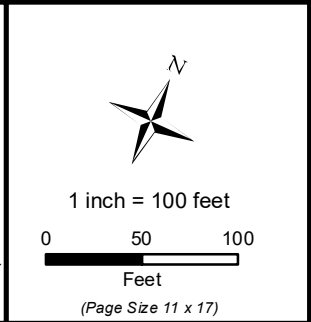
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Project Alignment Drawings

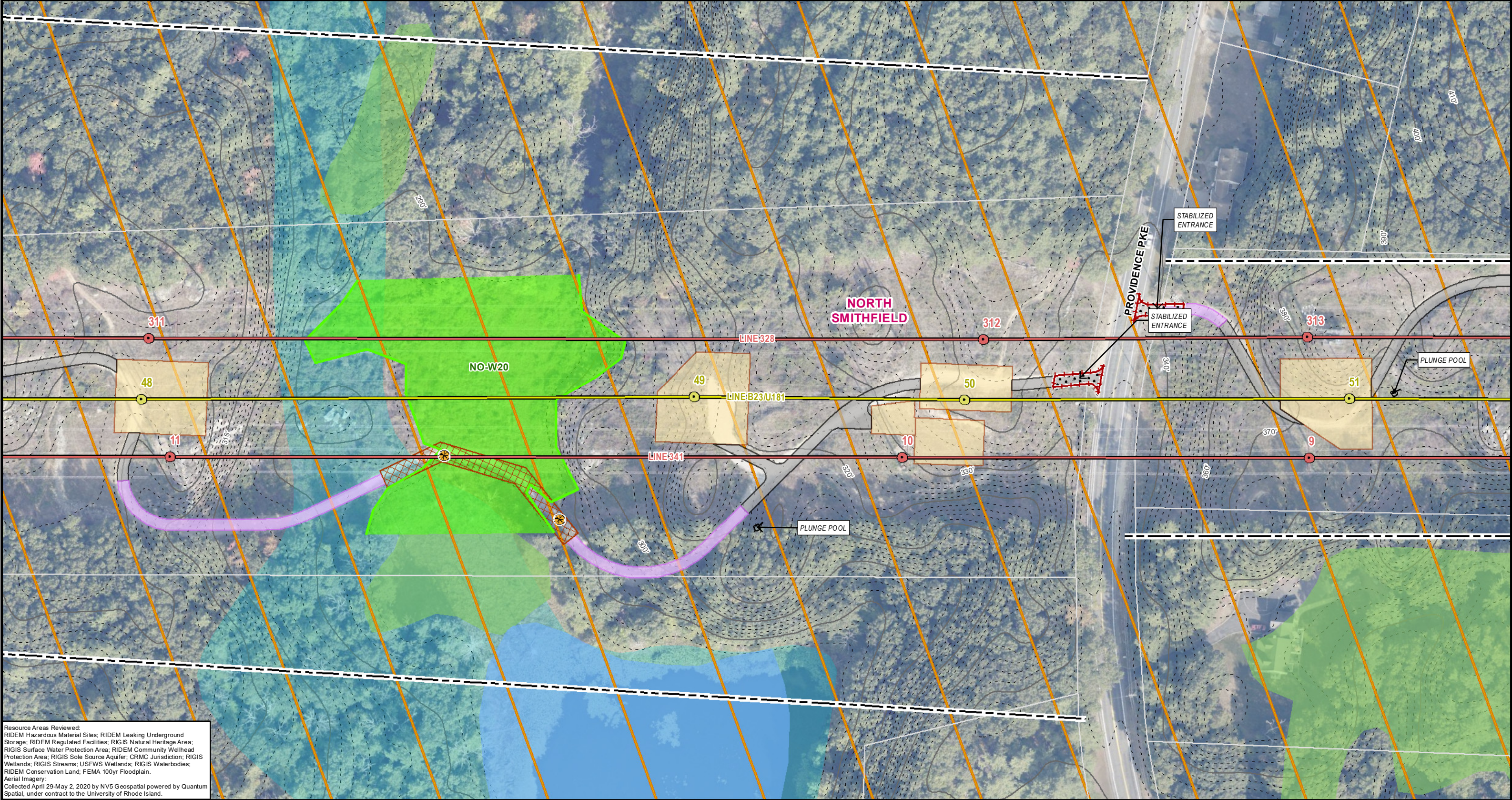
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North Smithfield, RI

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Rhode Island Energy

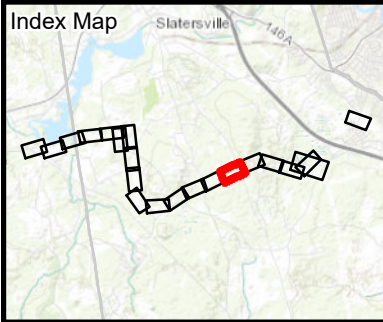
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WOONSOCKET SUBSTATION - NASONVILLE

SUBSTATION 115KV TRANSMISSION

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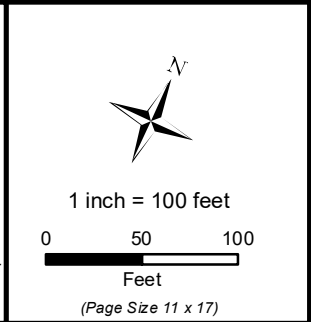
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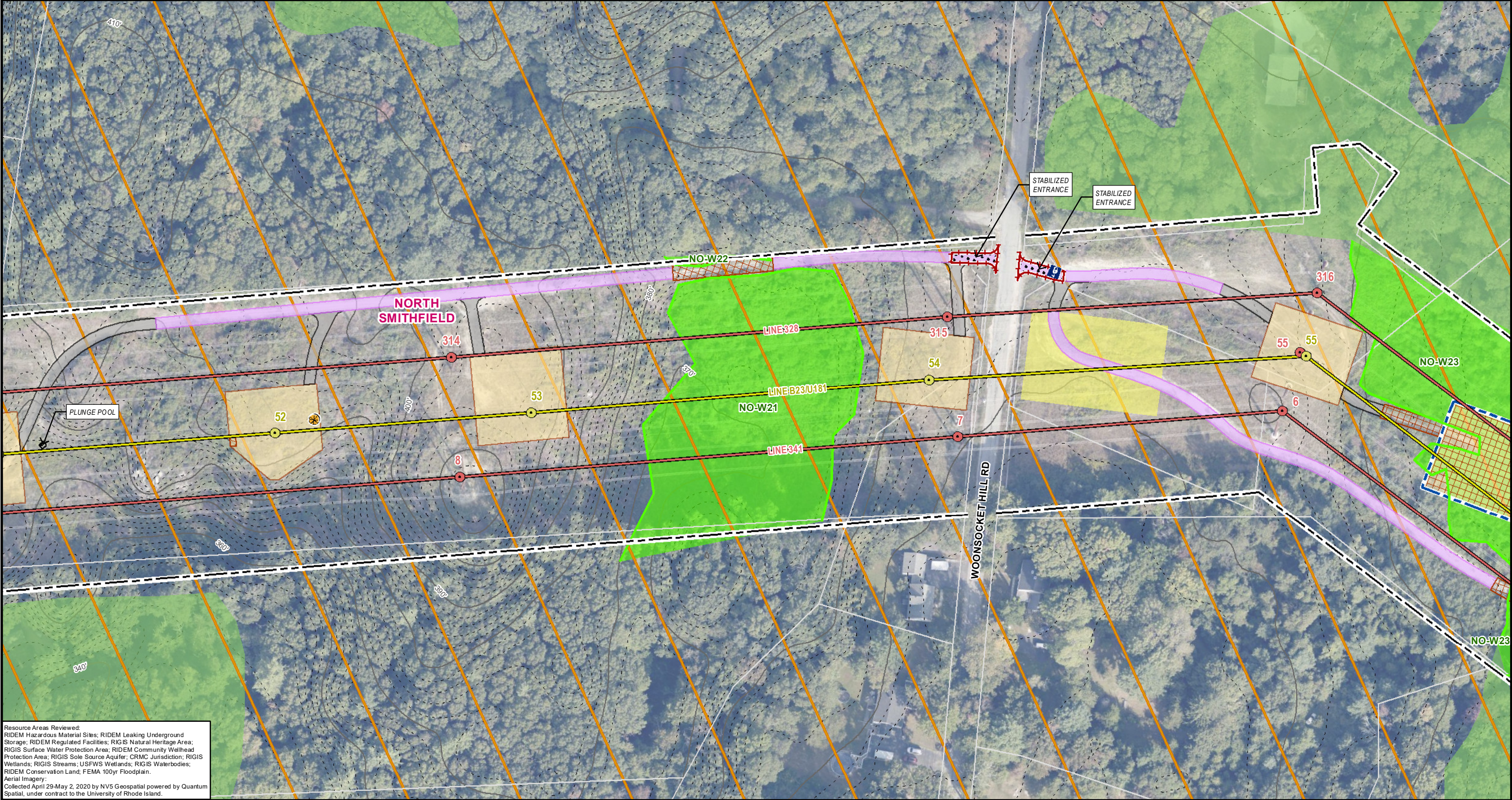
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North Smithfield, RI

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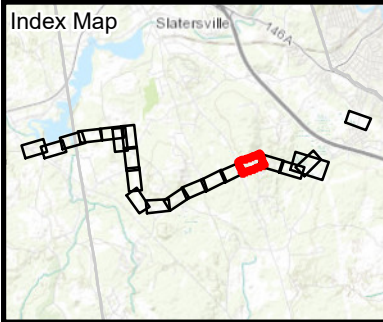
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WOONSOCKET SUBSTATION - NASONVILLE

SUBSTATION 115KV TRANSMISSION

LINE PROJECT

Figure 3-1
Project Alignment Drawings

Page 15 of 19
North Smithfield, RI

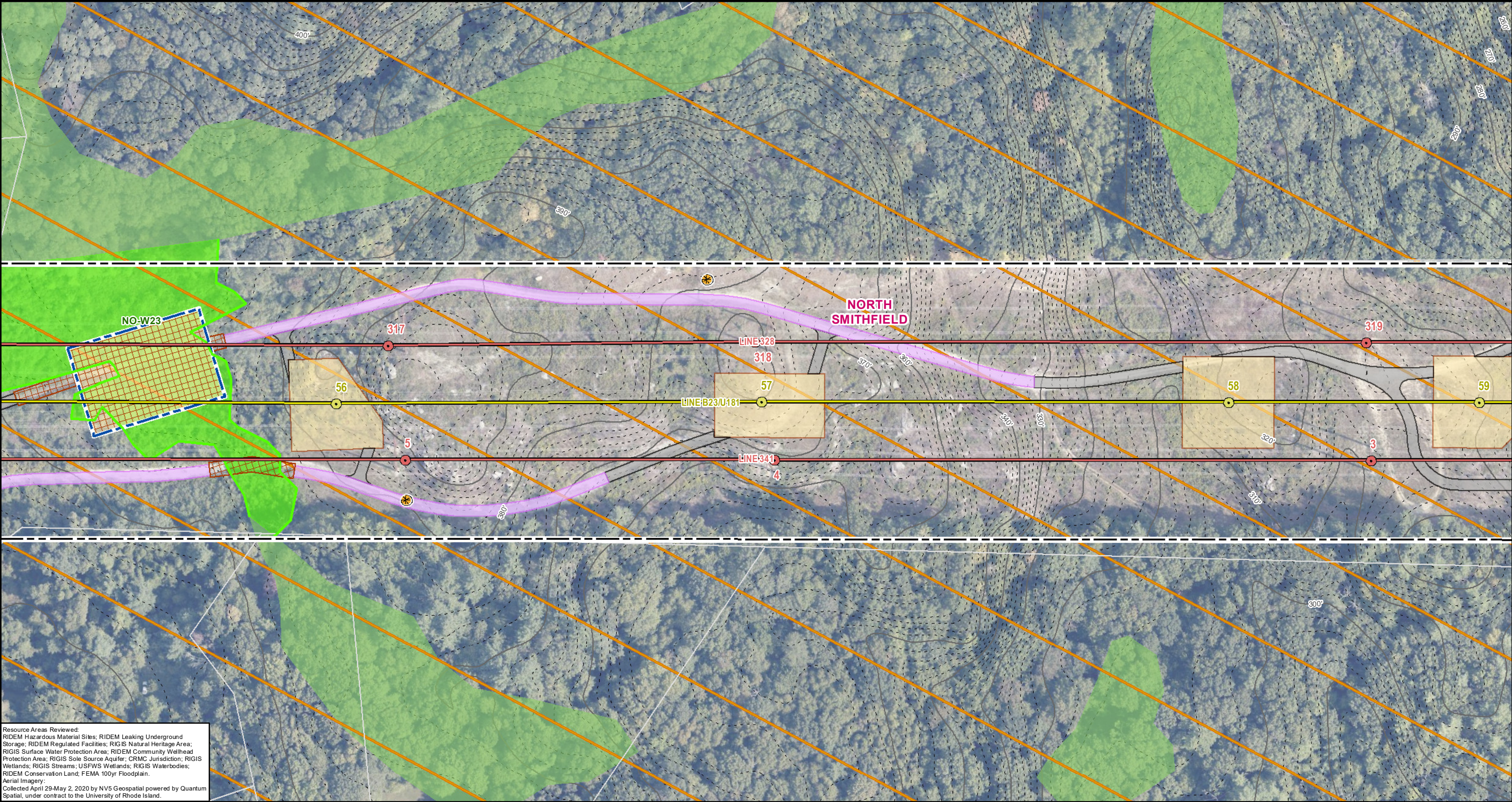
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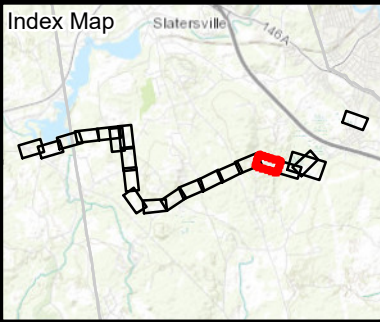
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Existing Overhead Line	Install Overhead Line	Pull Pad	Field Delineated Stream Bank (OHWM)	Field Delineated Centerline
Proposed Distribution Pole	Proposed Distribution Overhead Line	Approximate Edge of ROW	Field Delineated Stream*	Field Delineated Wetland Boundary
Existing Access to be Improved*	Engineered Access*	Matted Work Areas	Proposed Structure Work Pad*	RIGIS Wetlands*
RIGIS Open Water*	FEMA 100yr Floodplain*	Potential Vernal Pool	Natural Heritage Area	Community Wellhead Protection Area
Town Boundary	Parcel Boundaries	Underground Storage Tank	EPCRA Tier II Facility Outside Drinking Water Supply Area	Environmental Land Use Restriction
Approximate Pipeline	Culvert	Access Gate	Proposed Fence	Existing Fence
Remove Fence	Stonewall	Protected Resource Location	Protected Resource Location	Tree Clearing Area
Sediment Control Barrier	Proposed Electrical Equipment	Proposed Asphalt Drive	Proposed Yard Stone	Stone Feature
Proposed Fence	Proposed Electrical Equipment	Proposed Asphalt Drive	Proposed Yard Stone	Sensitive Feature
Proposed Fence	Proposed Electrical Equipment	Proposed Asphalt Drive	Proposed Yard Stone	Sensitive Feature*
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WOONSOCKET SUBSTATION - NASONVILLE

SUBSTATION 115KV TRANSMISSION

LINE PROJECT

Figure 3-1
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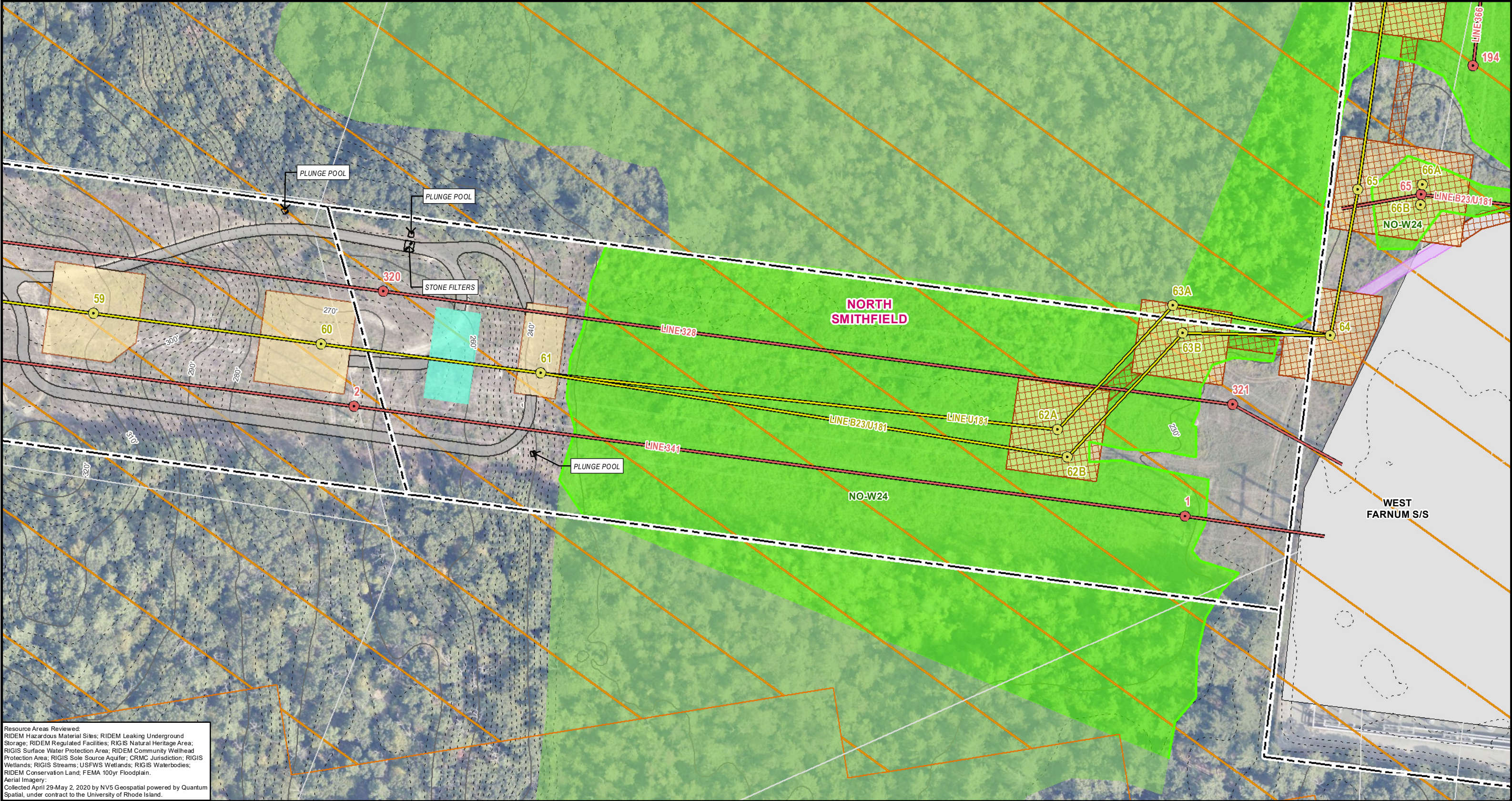
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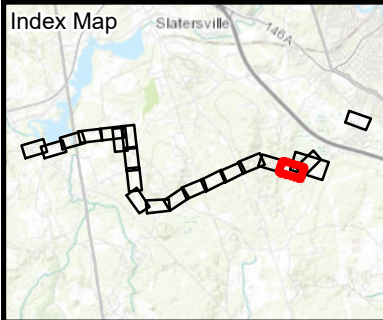
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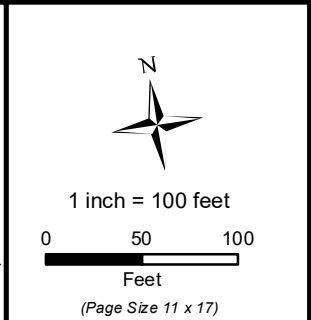
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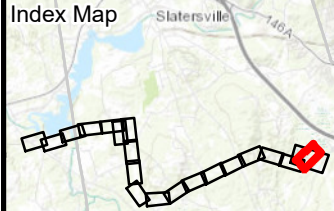
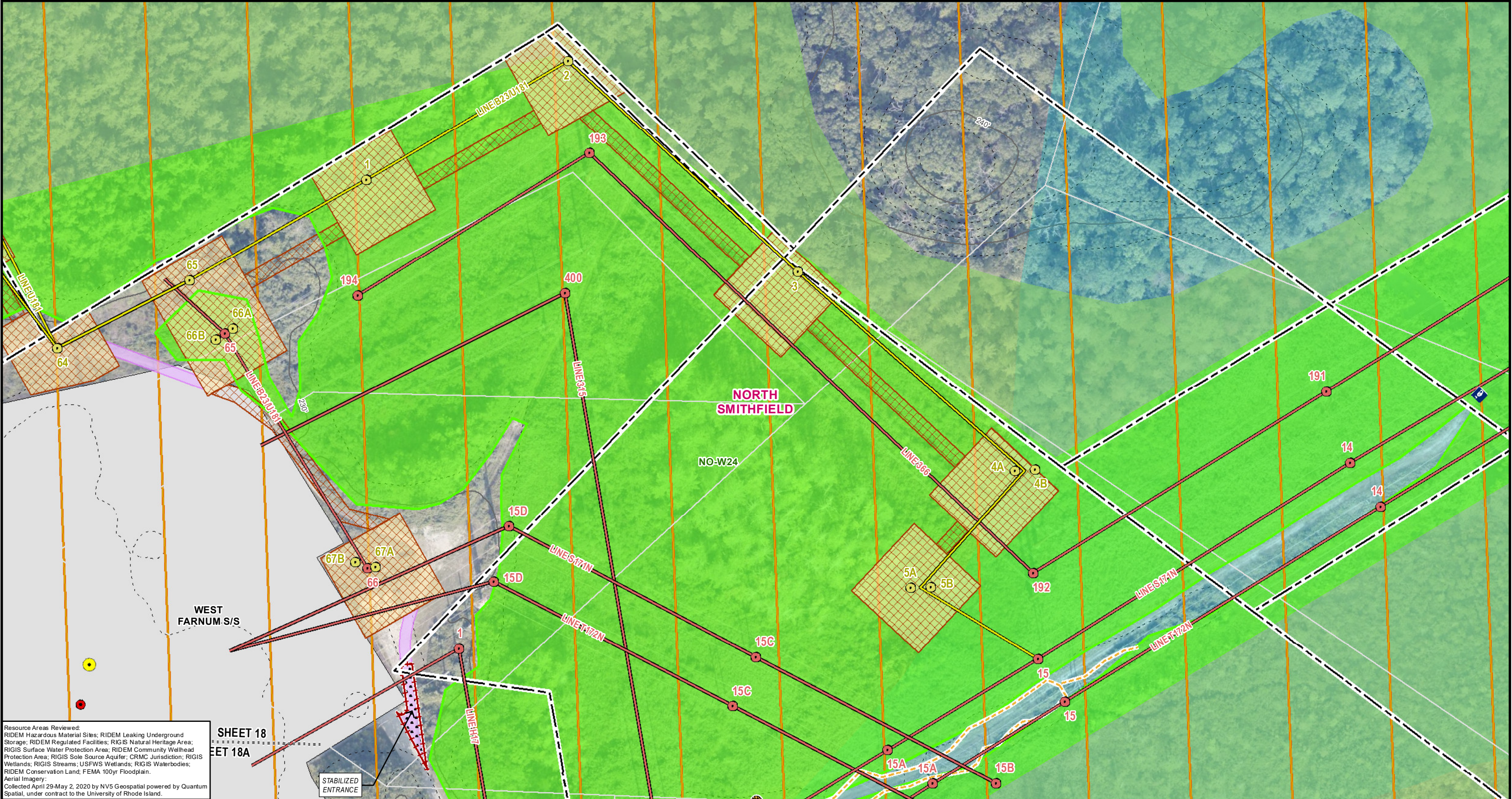
Figure 3-1
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North Smithfield, RI

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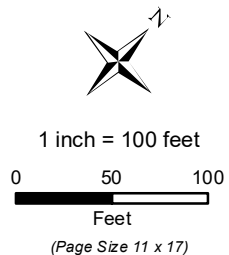
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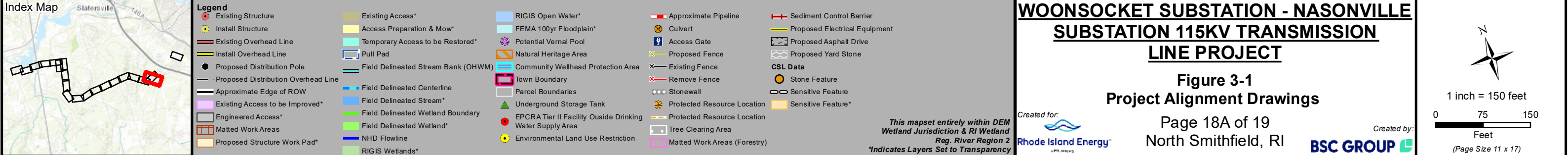
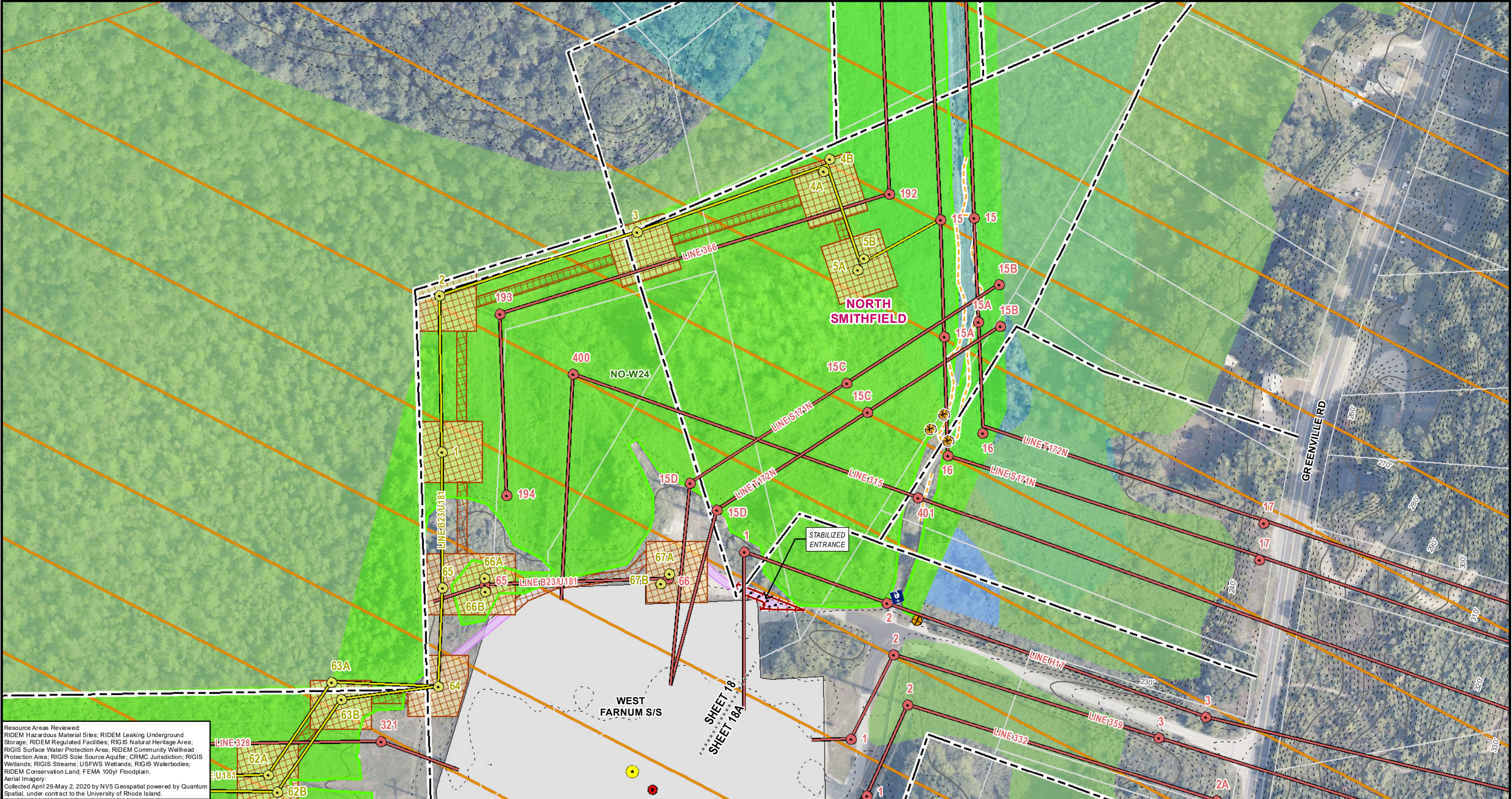
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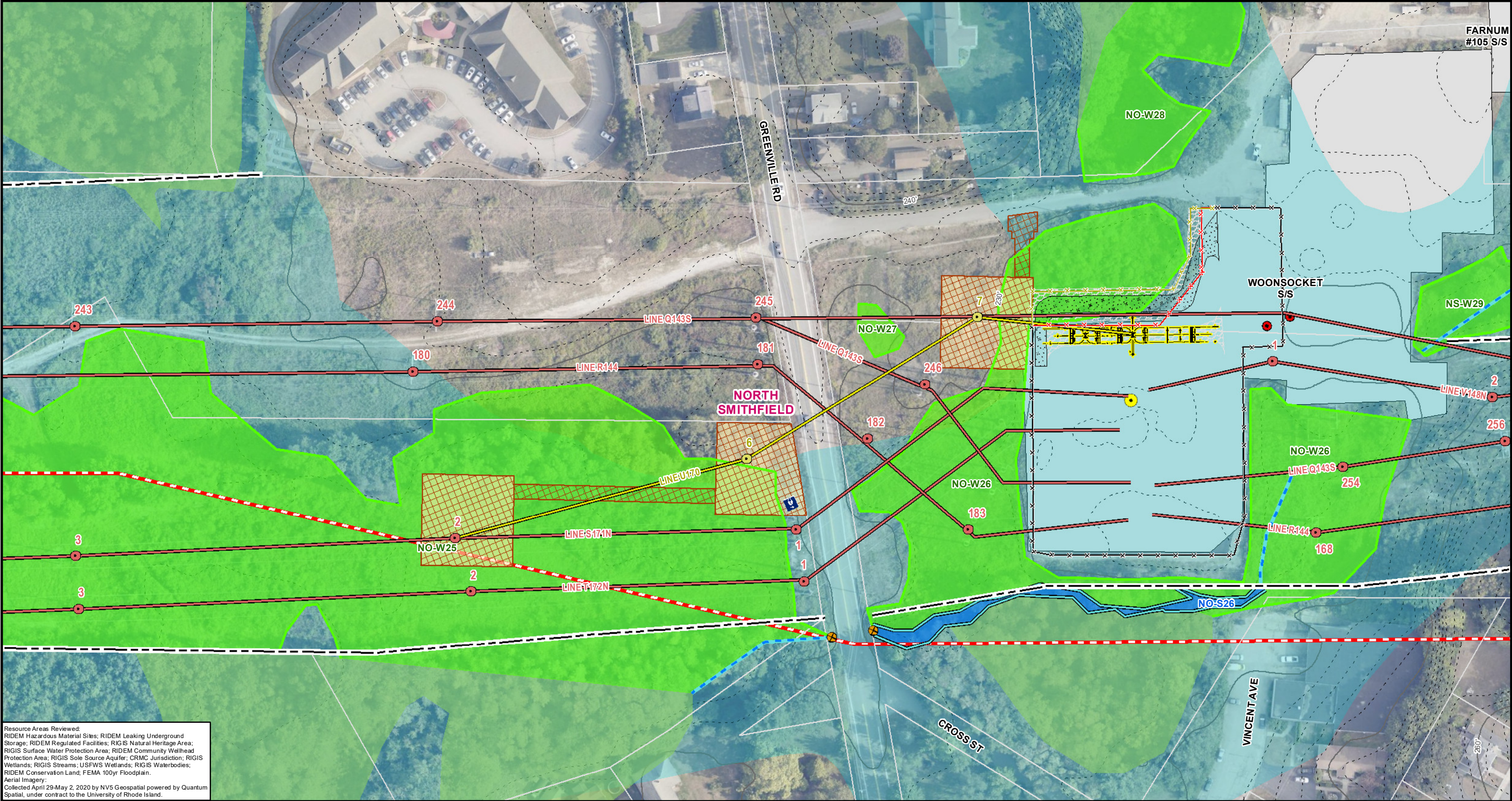
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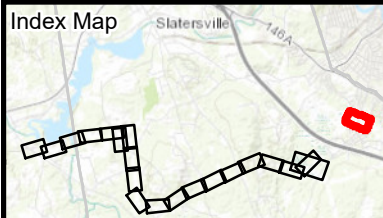
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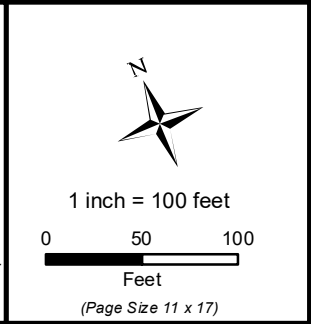
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North Smithfield, RI

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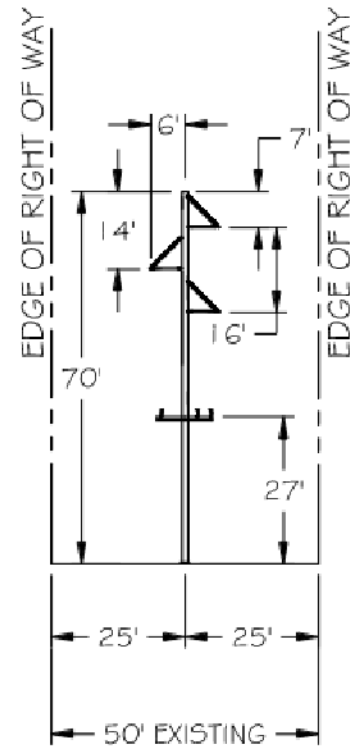


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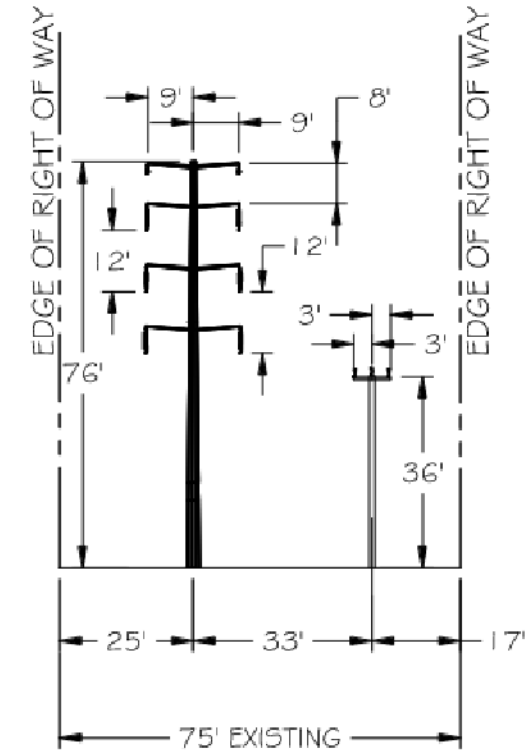
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EXISTING 115kV LINE



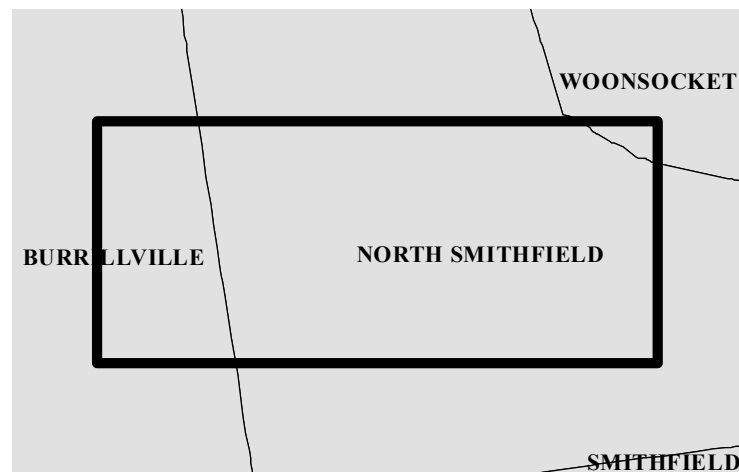
EXISTING CROSS SECTION

PROPOSED 115kV LINE



PROPOSED CROSS SECTION

Project Vicinity



Woonsocket Substation - Nasonville Substation 115kV Transmission Line Project

Figure 3-2 - Typical Structure Details - Page 1

State of Rhode Island
Providence County:
Towns of Burrillville & North Smithfield, City of Woonsocket, RI

BSC GROUP
NAD 1983 2011 StatePlane Rhode Island FIPS 3800 Ft US



0 0.5 1 Miles
1" = 1,800'

Rhode Island Energy
RIE ENERGY

NOT FOR
CONSTRUCTION

DATE: 11/19/2024

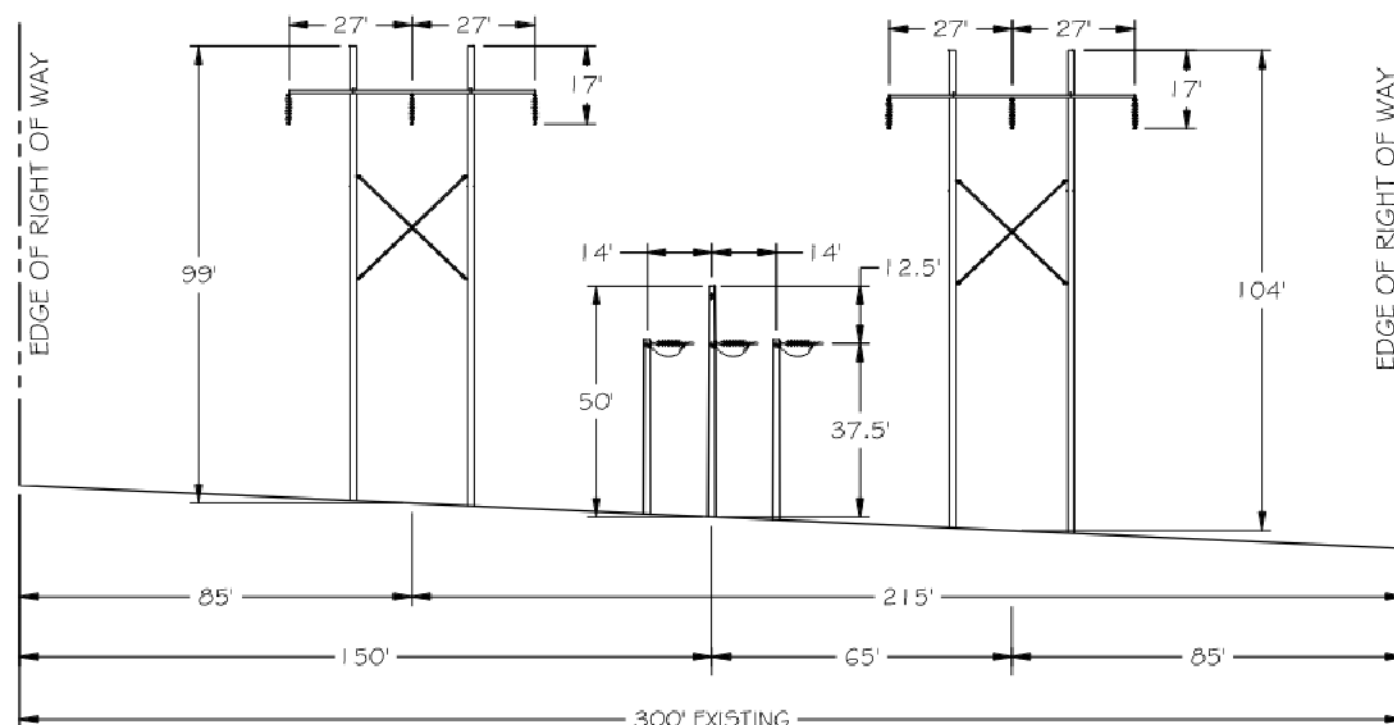
AUTHOR: PCRUMP

X5-2
18-B23 TO 64-B23

3.35 MILES

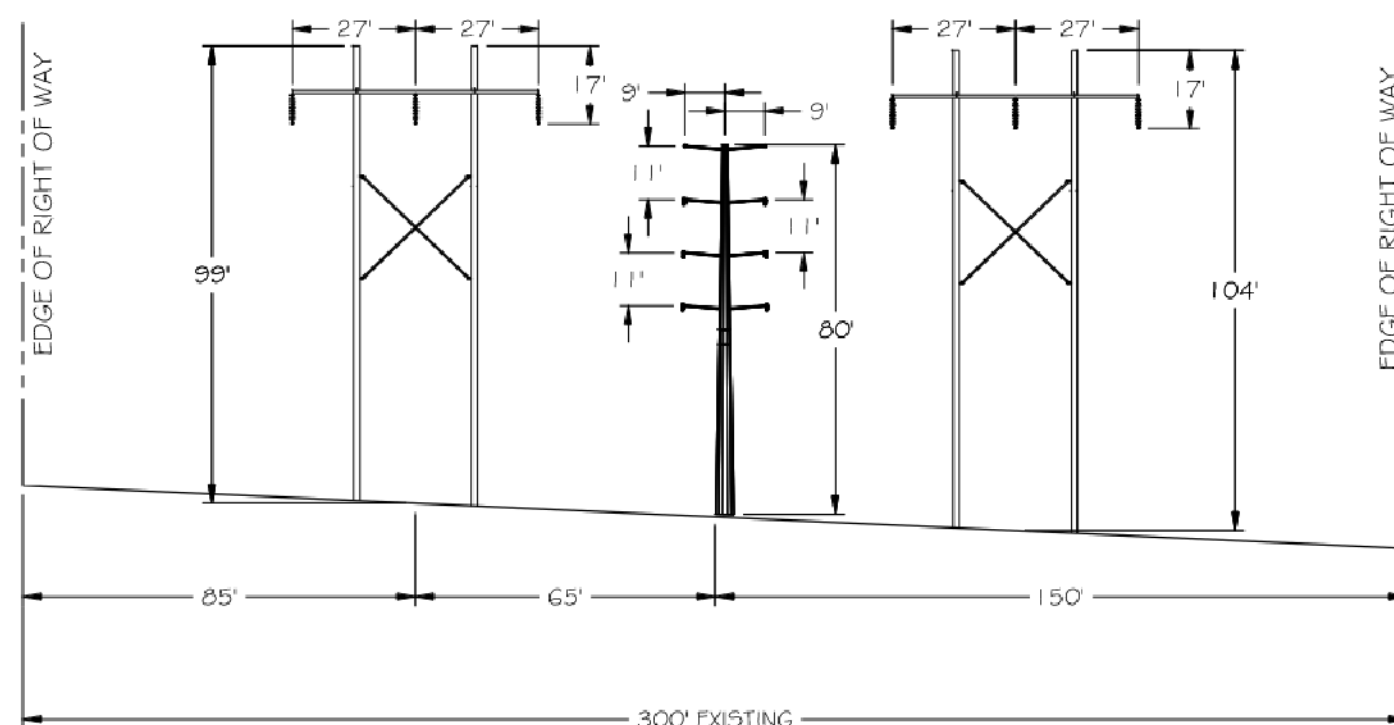
LOOKING
NORTH/EAST

EXISTING
115kV LINE



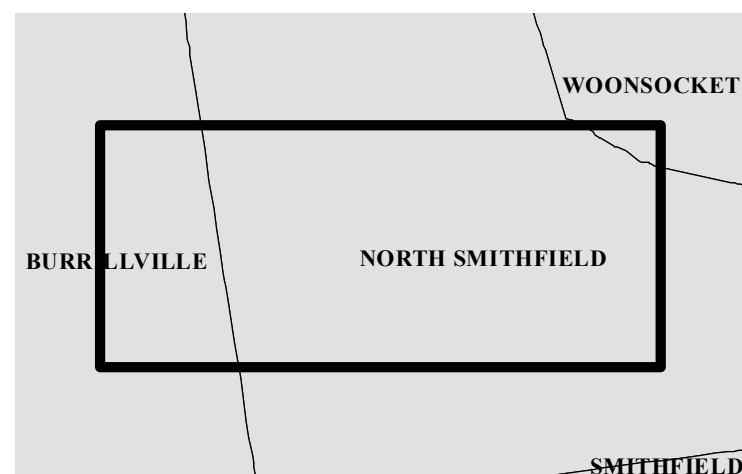
EXISTING CROSS SECTION

PROPOSED
115kV LINE



PROPOSED CROSS SECTION

Project Vicinity



Woonsocket Substation - Nasonville Substation 115kV Transmission Line Project

Figure 3-2 - Typical Structure Details - Page 2

State of Rhode Island
Providence County:
Towns of Burrillville & North Smithfield, City of Woonsocket, RI

BSC GROUP
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RI Energy

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