



ENGINEER'S REPORT

Center for Jewish Life
757 Hopkins Road
Williamsville, NY 14221

May 16, 2025

Prepared for:
Center for Jewish Life, Inc.
757 Hopkins Road
Williamsville, NY 14221

Project M-2514

Prepared by:
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PROJECT DESCRIPTION:

The proposed project includes the construction of a 3,700± square foot addition onto the existing building currently occupied as the Center for Jewish Life. The parcel has an address of 757 Hopkins Road and is located within the Town of Amherst, New York. Additional site improvements include sidewalks for pedestrian access to exterior doors to the building addition.

SANITARY SEWER:

The existing building is currently served with a lateral to the public sanitary sewer system along Hopkins Road. The plumbing for the building addition will be designed to collect and discharge into the existing plumbing in the current building. No new sanitary sewer laterals are proposed for the building addition.

WATER SUPPLY:

The existing building is currently served with a water tap service off of the municipal water main along Hopkins Road. Water service for the building addition will be designed to use the existing water service. No new water service taps are proposed for the new building addition.

STORM DRAINAGE:

The existing site is improved with catch basins, yard drains and storm piping for collection of storm water on site, which is conveyed via stormwater piping to the Town's stormwater infrastructure along Hopkins Road.

No additional stormwater infrastructure (i.e. catch basins, piping, etc.) is proposed for the building addition. All roof drains for the building addition will tie into the existing roof drainage system; discharge directly into the catch basins; or tie directly into the yard drains.

The site is only increasing the impervious area by 0.07 acres, which will create an insignificant amount of additional stormwater. Further, the limits of disturbance equal 0.19 acres, which is well below the threshold for stormwater management as per the NYSDEC regulations.

SOILS:

According to the USDA Soil Survey, two types of soils are present on site. The soil characteristics are found in the table below. A USDA Soil Survey Map has been prepared and is included in Appendix A of this report. Please note the limits of the soil survey from the USDA website may differ from the parcel limits slightly.

<u>Soil</u>	<u>Acres on Site</u>	<u>Percentage</u>	<u>HSG</u>
Lakemont silt loam (La)	0.4	72%	D
Urban land – Odessa complex (Ut)	0.2	28%	D

WETLANDS:

The NYSDEC Wetland Mapper database was used to determine the presence of wetlands onsite. The database identified no wetlands onsite. The NYSDEC wetland map is included with this report in Appendix B.

FLOODPLAINS:

The FEMA mapping database was utilized to identify the presence, if any, of floodplains onsite. No floodplains were identified onsite based on this resource. A flood plain “firmette” is included in this report as Appendix C.



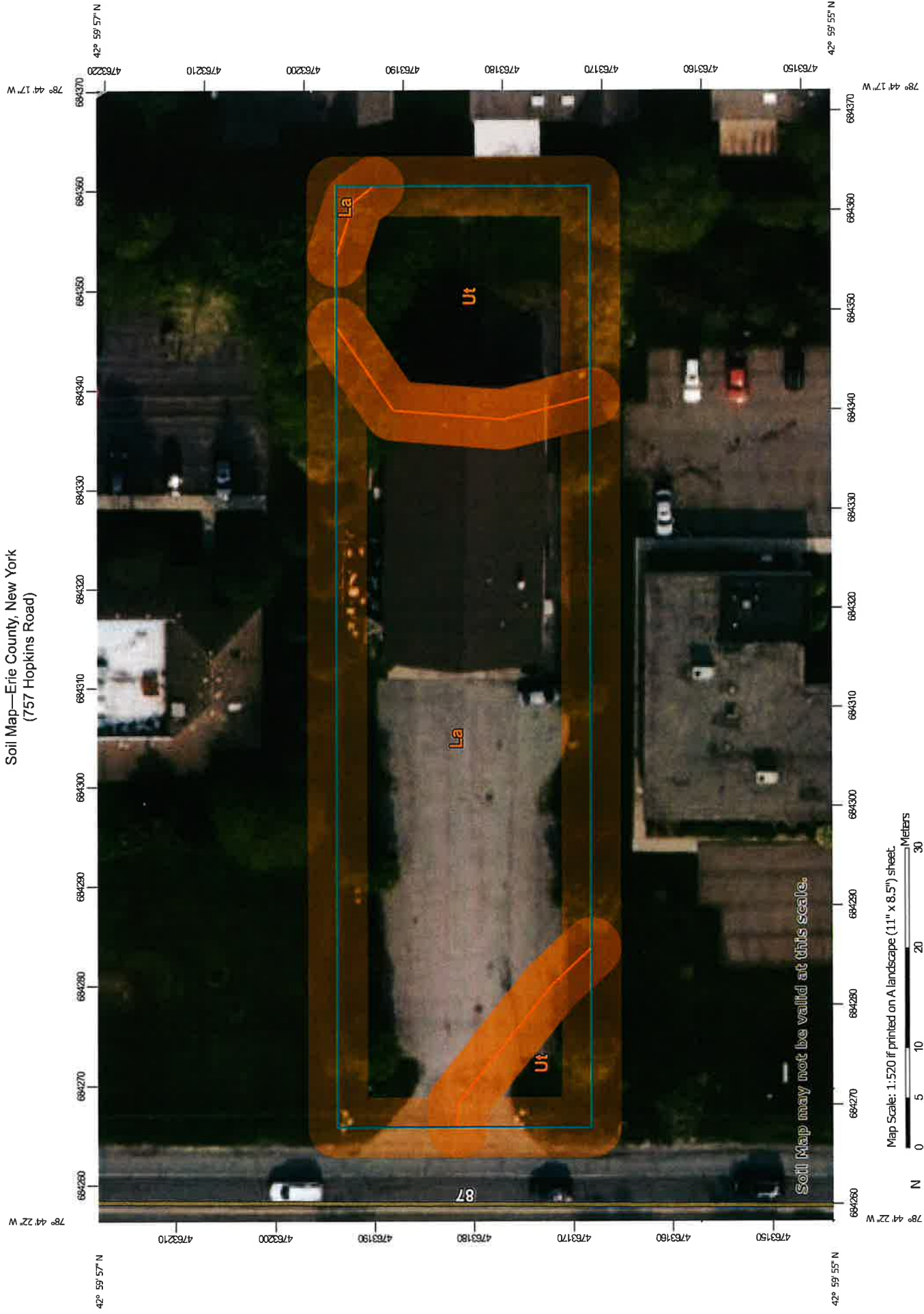
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APPENDIX A

USDA Soil Survey

Soil Map—Erie County, New York
(757 Hopkins Road)



MAP LEGEND

Area of Interest (AOI)		Area of Interest (AOI)		Spoil Area	
Soils		Soil Map Unit Polygons		Stony Spot	
	Soil Map Unit Lines		Very Stony Spot		
	Soil Map Unit Points		Wet Spot		
	Special Point Features		Other		
	Blowout		Special Line Features		
	Borrow Pit		Water Features		
	Clay Spot		Streams and Canals		
	Closed Depression		Transportation		
	Gravel Pit		Rails		
	Gravelly Spot		Interstate Highways		
	Landfill		US Routes		
	Lava Flow		Major Roads		
	Marsh or swamp		Local Roads		
	Mine or Quarry		Background		
	Miscellaneous Water		Aerial Photography		
	Perennial Water				
	Rock Outcrop				
	Saline Spot				
	Sandy Spot				
	Severely Eroded Spot				
	Sinkhole				
	Slide or Slip				
	Sodic Spot				

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Erie County, New York
Survey Area Data: Version 24, Aug 25, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 13, 2023—May 27, 2023

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
La	Lakemont silt loam, 0 to 3 percent slopes	0.4	71.5%
Ut	Urban land-Odesa complex, 0 to 3 percent slopes	0.2	28.5%
Totals for Area of Interest		0.6	100.0%



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APPENDIX B

NYSDEC Wetland Map

[illegible]

1:9,028



Project Location

Environmental Resource Mapper

Visible Layers [Legend]

Wetland Layers

-  Previously Mapped Freshwater Wetlands
-  Informational Freshwater Wetland Mapping

National Wetlands Inventory

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Other
-  Riverine



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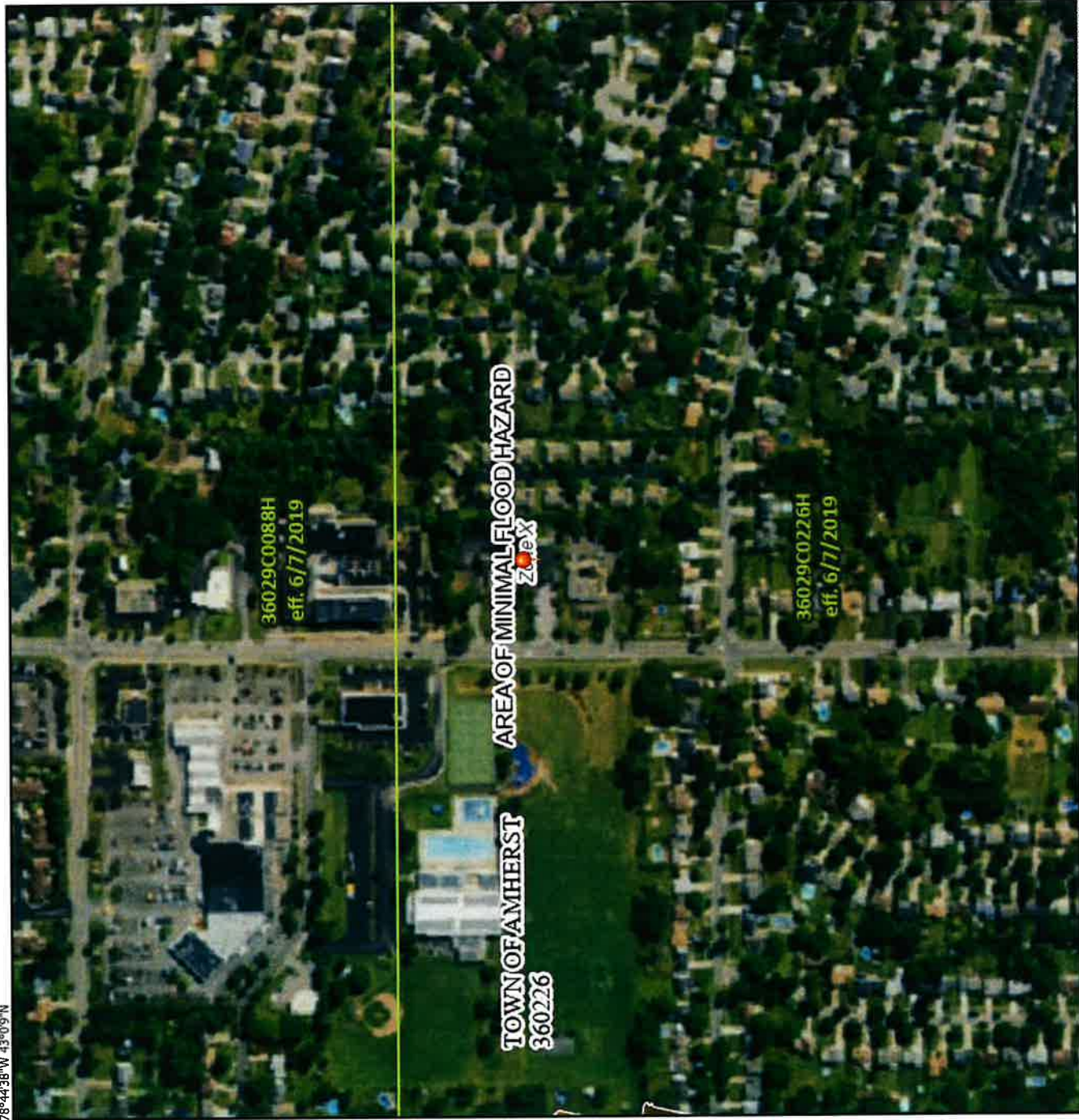
APPENDIX C

FEMA Floodplain Map

National Flood Hazard Layer FIRMette



78°44'36"W 43°09'N



0 250 500 1,000 1,500 2,000 Feet

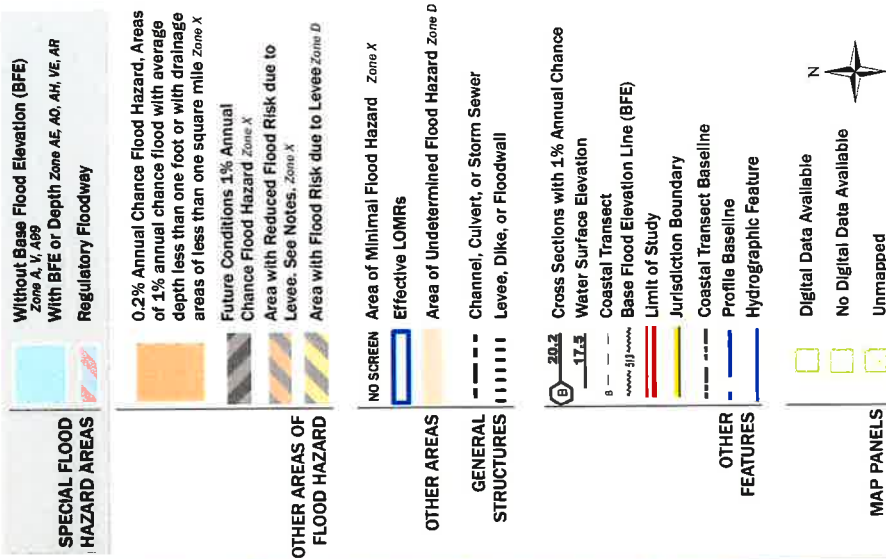
1:6,000

78°44'W 42°59'43"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/16/2025 at 1:57 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.