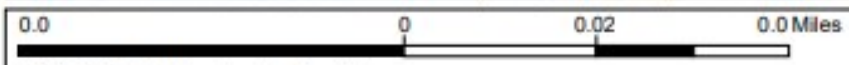




Proposed Conditions



Legend
Parcels



WGS_1984_Web_Mercator_Auxiliary_Sphere
THIS MAP IS NOT TO BE USED FOR NAVIGATION

**ERIE COUNTY
DEPARTMENT OF ENVIRONMENT & PLANNING
OFFICE OF GIS**

This map is a user generated static output from an internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.



Proposed Conditions

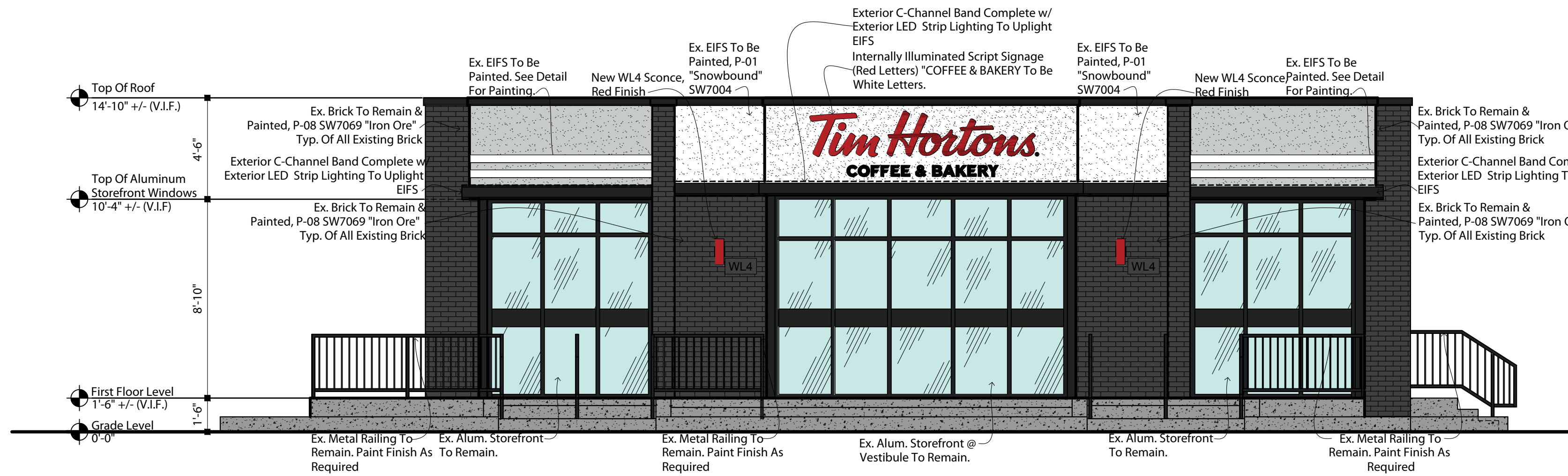


← 5544 Old Goodrich Rd
Clarence, New York
Google Street View
Jul 2011 See more dates

Existing Curb Cut

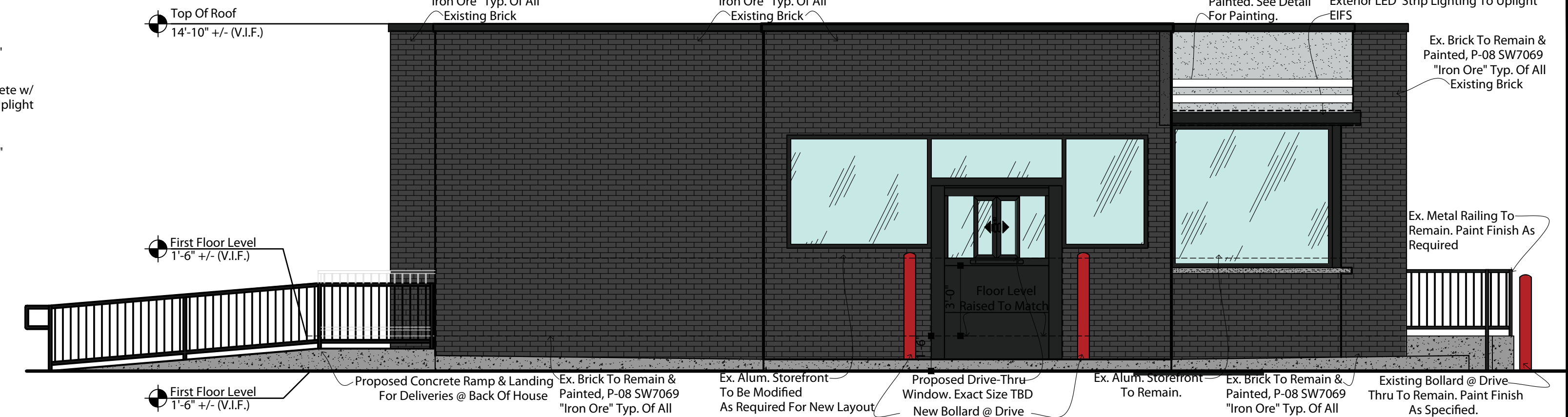
Approximate Location of New Curb Cut

Google



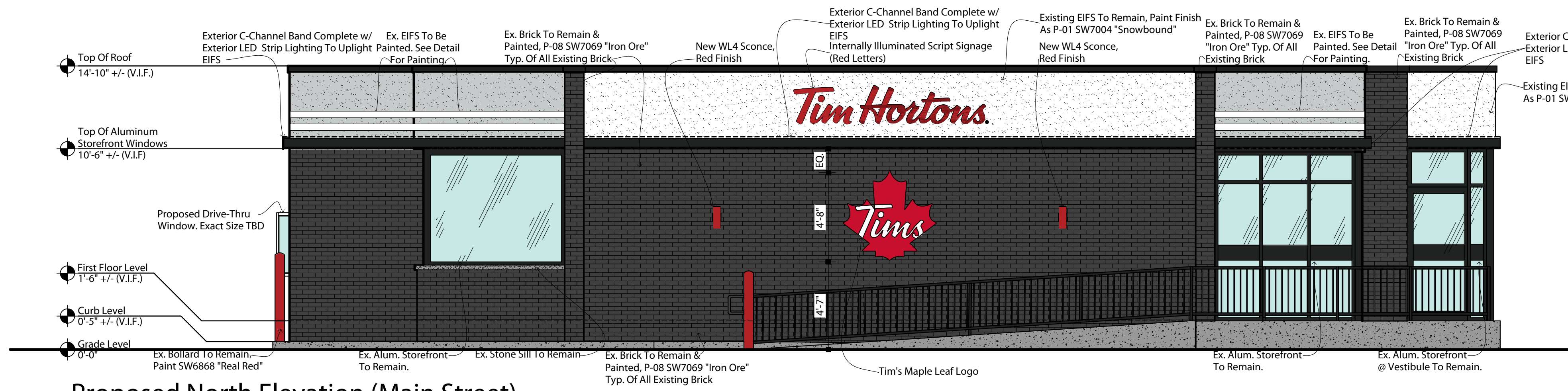
Proposed West Elevation (Harris Hill)

1/4" = 1'-0"



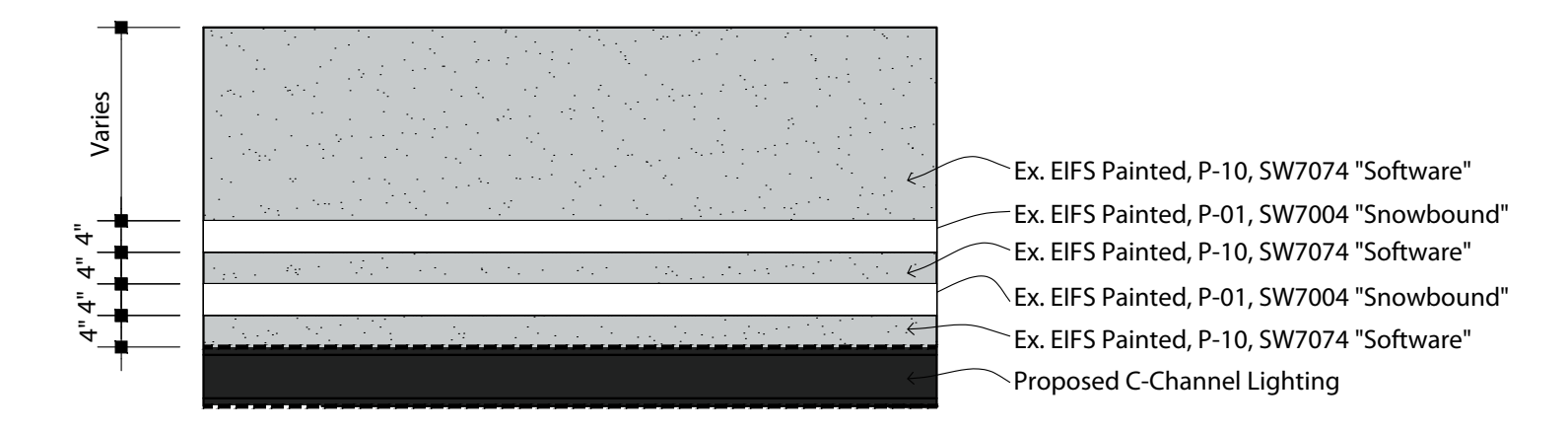
Proposed East Elevation

1/4" = 1'-0"



Proposed North Elevation (Main Street)

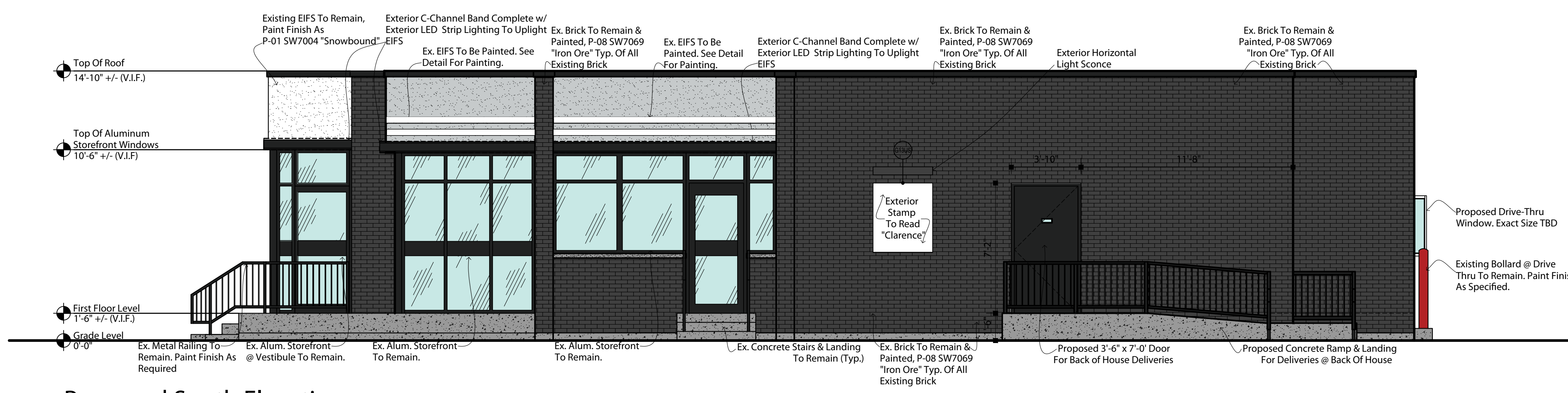
1/4" = 1'-0"



Enlarged EIFS Painting Detail

1/2" = 1'-0"

CRITICAL NOTE:
- Stripes To Align On All Sides Of The Building Where Applicable At Corners



Proposed South Elevation

1/4" = 1'-0"

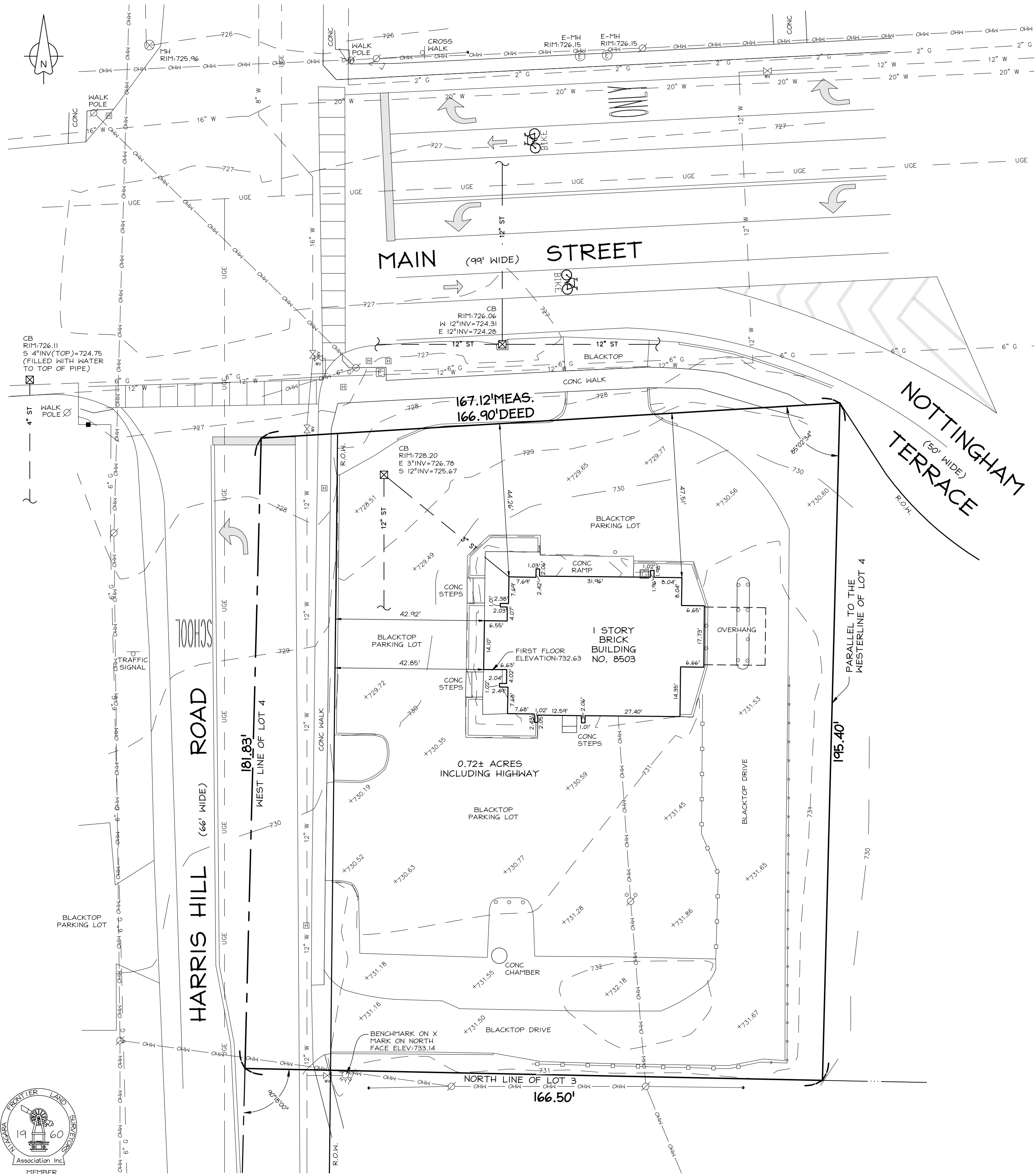
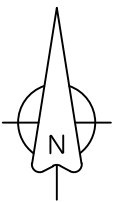
Proposed Exterior Finish Schedule				
Mark	Product	Manufacturer	Pattern & Color	Supplier / Contact
[P-01]	EIFS	SHERWIN WILLIAMS	COLOR: #SW7004 'SNOWBOUND' PRIMARY PAINT FINISH: EGGSHELL. THE LIGHT COLOR EIFS GOES BEYOND THE PAINT STRIPES. NOTE: FOR EIFS MUST USE DRYVIT DEMANDIT PMR ACRYLIC PAINT AS THE BASE WITH STRATATONE (FOR DARK COLORS) ADDITIVE. COLOR TO MATCH SHERWIN WILLIAMS.	SHERWIN WILLIAMS (NORTH AMERICA) CONTACT: DEAN GIVELAS TEL: 416-431-6975 EMAIL: DEAN.GIVELAS@SHERWIN.COM
[P-08]	EXTERIOR METAL PAINTS & METAL RAILING & BRICK	SHERWIN WILLIAMS	PAINT FOR EXTERIOR BRICK FASCIAS AND/OR EXTERIOR METALS (SOFFITS, TRIM, ETC.) TO MATCH SURROUNDING COLORS WHERE NECESSARY SHERWIN WILLIAMS "IRON ORE SW7069" MIN. 2 COATS SPRAY APPLICATION NOTE: FOR EIFS MUST USE DRYVIT DEMANDIT PMR ACRYLIC PAINT AS THE BASE WITH STRATATONE (FOR DARK COLORS) ADDITIVE. COLOR TO MATCH SHERWIN WILLIAMS.	
[P-10]	EIFS	SHERWIN WILLIAMS	COLOR: #SW7074 'SOFTWARE' PRIMARY PAINT FINISH: EGGSHELL. THE LIGHT COLOR EIFS GOES BEYOND THE PAINT STRIPES. NOTE: FOR EIFS MUST USE DRYVIT DEMANDIT PMR ACRYLIC PAINT AS THE BASE WITH STRATATONE (FOR DARK COLORS) ADDITIVE. COLOR TO MATCH SHERWIN WILLIAMS.	
[P-17]	BOLLARD	SHERWIN WILLIAMS	COLOR: #SW6868 'REAL RED' MIN. 2 COATS SPRAY APPLICATION	EMAIL: FILIPE2@VISOINC.COM
[WL4]	WALL SCANCES	VISO INC.	LED EXTERIOR WALL MOUNT UP/DOWN LIGHT, FINISH: RED	EMAIL: FILIPE2@VISOINC.COM
[--]	ANODIZED ALUMINUM (DRIVE-THRU WINDOW)	QUICKSERV	BI-PARTING WINDOW WITH 2 CENTERED MOVING PANELS AND 2 SIDELITES 'PW-54E-TH', COLOR: BRONZE ANODIZED.	CONTACT: INSIDE SALES CONTACT TEL: (713)849-5882
[--]	C-CHANNEL PERIMETER INTEGRATED LIGHTING	LEKTRON BRANDING SOLUTIONS	CUSTOM LENGTH; COLOR: BLACK.	--



**Proposed Tim Hortons:
Kelton Enterprises LLC**

**8503 Main Street Sheridan Drive
Clarence, New York 14221**





LEGEND

	HYDRANT		BOLLARD
	WATER VALVE		HANDHOLE
	DRAINAGE INLET		ELEC. BOX
	UTILITY POLE		GAS METER
	GUY WIRE		SIGN
	ELECTRIC MANHOLE		
	W		UNDERGROUND WATER
	ST		UNDERGROUND STORM SEWER
	G		UNDERGROUND GAS LINE
	OHW		OVERHEAD WIRES
	UGE		UNDERGROUND ELECTRIC WIRES

NOTES

- ELEVATIONS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- HORIZONTAL DATUM REFERENCES THE NORTH AMERICAN DATUM 1983 (NAD 83) - NEW YORK STATE PLANE WEST ZONE.
- THE LOCATION OF ANY UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION ACTIVITIES, ALL UTILITY COMPANIES SHOULD BE NOTIFIED IN ORDER TO VERIFY OR AMEND THEIR LOCATIONS AND/OR EXISTENCE. FOR ASSISTANCE CALL UFPO AT 1-800-962-7962.
- UDIGNY.ORG DESIGN TICKET No. 07173-000-480 WAS SUBMITTED TO REQUEST UTILITY RECORDS:
 - CHARTER COM NORTHEAST WESTERN NY: HAS RESPONDED, CLEAR NO FACILITIES WITHIN 15FT OF THE EXCAVATOR DEFINED WORK AREA.
 - ERIE COUNTY DIVISION OF SEWER MANAGEMENT: HAS RESPONDED, CLEAR.
 - ERIE COUNTY WATER AUTHORITY: HAS RESPONDED, DRAWN HERON.
 - NATIONAL FUEL GAS / CLARENCE NFG-113: HAS RESPONDED, DRAWN HERON.
 - NYSEG LANCASTER ELECTRIC: NO LOCATE REQUIRED - EXCAVATION WORK IS BEING PERFORMED FOR THE FACILITY OWNER. LOCATE WILL BE PERFORMED BY THE EXCAVATOR PER CONTRACTUAL AGREEMENT.
 - NYS DOT BUFFALO REGION 5: CLEAR, NO FACILITIES WITHIN 15FT OF THE EXCAVATOR DEFINED WORK AREA.
 - VERIZON / BUFFALO: HAS RESPONDED, DRAWN HERON.

NO IRONS SET OR FOUND AT PROPERTY CORNERS UNLESS NOTED HEREON

3556 Lake Shore Road, Suite 500, Buffalo, NY 14219
 p (716) 827-8000 f (716) 270-6091 www.nussclarke.com

This survey was prepared without the benefit of an abstract of title and is subject to any state of facts that may be revealed by an examination of such.

Unauthorized alterations or additions to any survey, drawing, design, specification, plan or report is a violation of section 7209, provision 2 of the New York State Education Law.



TOPOGRAPHIC SURVEY

8503 Main Street
 Part of Lot 4, Section 13, Township 12, Range 6
 Holland Land Company's Survey
 Town of Clarence
 County of Erie, State of New York

Date of Survey: 07/17/2023

Scale: 1" = 20'

Project No.: 23J2-0757



Short Environmental Assessment Form

Part 1 - Project Information

Instructions for Completing

Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 – Project and Sponsor Information			
Name of Action or Project: Proposed Tim Horton's			
Project Location (describe, and attach a location map): 8503 Main Street Clarence, NY 14031 [SBL: 82.07-1-2]			
Brief Description of Proposed Action: Proposed conversion of existing 2,180 sf bank with drive-thru to Tim Horton's Restaurant.			
Name of Applicant or Sponsor: Kelton Enterprises, LLC		Telephone: 716-639-3701	
		E-Mail: scott.buckley@keltonenterprises.com	
Address: 501 John James Audubon Pkwy			
City/PO: Amherst		State: New York	Zip Code: 14228
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.		NO <input type="checkbox"/>	YES <input type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval: ECDOH, ECWA, NYSDOT		NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>
3. a. Total acreage of the site of the proposed action?		_____ 0.58 acres	
b. Total acreage to be physically disturbed?		_____ 0.58 acres	
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?		_____ 0.58 acres	
4. Check all land uses that occur on, are adjoining or near the proposed action:			
5. <input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban)			
<input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other(Specify):			
<input type="checkbox"/> Parkland			


5. Is the proposed action,	NO	YES	N/A
a. A permitted use under the zoning regulations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Consistent with the adopted comprehensive plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
8. a. Will the proposed action result in a substantial increase in traffic above present levels? b. Are public transportation services available at or near the site of the proposed action? c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	NO <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	YES <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: _____ _____	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____ _____	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: _____ proposed onsite septic system _____	NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	NO <input checked="" type="checkbox"/> <input type="checkbox"/>	YES <input type="checkbox"/> <input checked="" type="checkbox"/>	
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency? b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ _____ _____	NO <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	YES <input type="checkbox"/> <input type="checkbox"/>	

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:		
<input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early mid-successional <input type="checkbox"/> Wetland <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Suburban		
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. Is the project site located in the 100-year flood plan?	NO	YES
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Will the proposed action create storm water discharge, either from point or non-point sources?	NO	YES
If Yes,	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. Will storm water discharges flow to adjacent properties?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If Yes, briefly describe: _____		
existing onsite storm sewer system		

18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)?	NO	YES
If Yes, explain the purpose and size of the impoundment: _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>

19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?	NO	YES
If Yes, describe: _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>

20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?	NO	YES
If Yes, describe: _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>

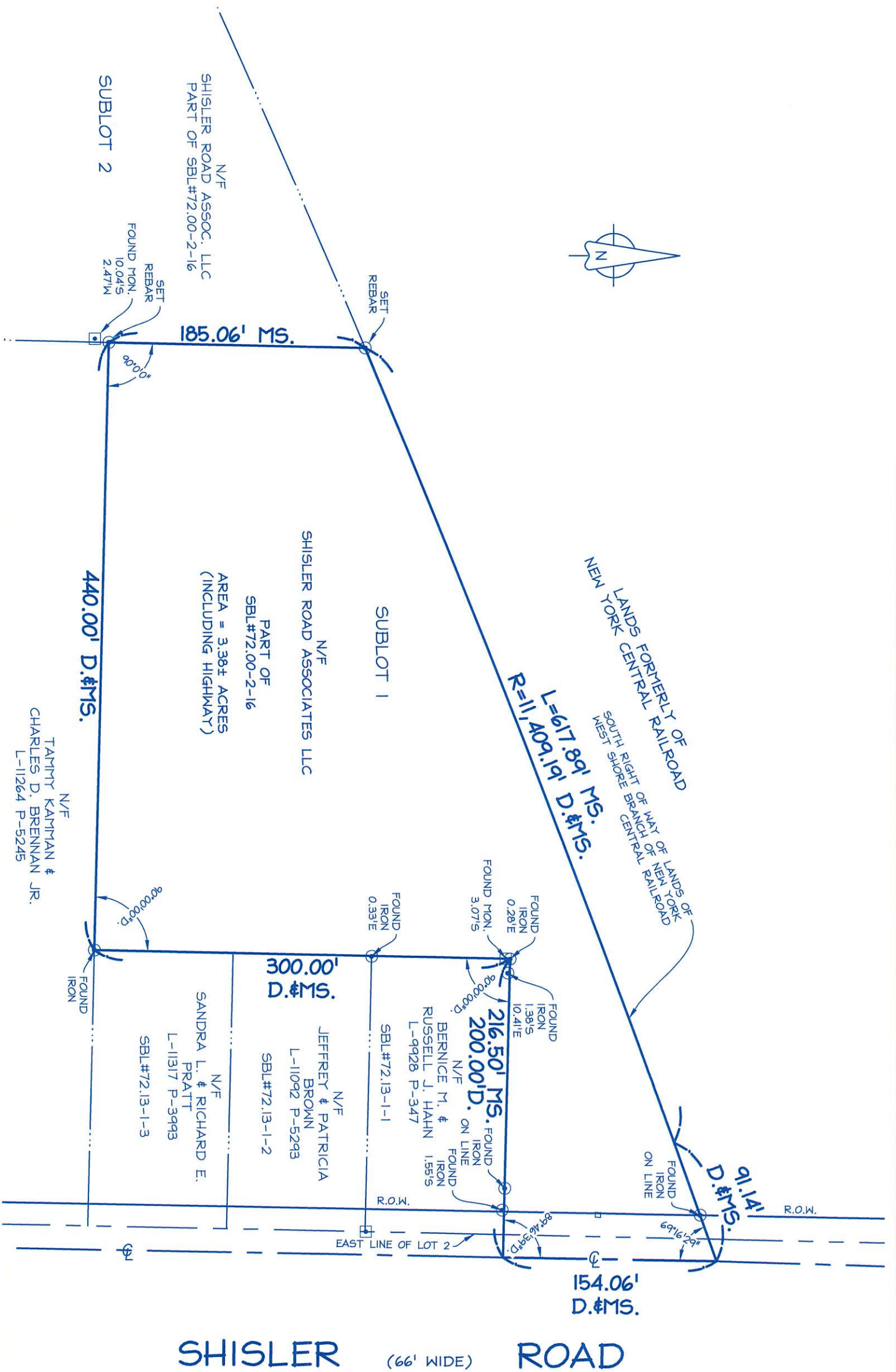
I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE Applicant/sponsor/name: <u>Patrick Sheedy Jr., PE - Carmina Wood Design</u> Date: <u>11/30/23</u> Signature: <u></u> Title: <u>engineer on behalf of the applicant</u>		



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National or State Register of Historic Places or State Eligible Sites]	No
Part 1 / Question 12b [Archeological Sites]	Yes
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	No
Part 1 / Question 15 [Threatened or Endangered Animal]	No
Part 1 / Question 16 [100 Year Flood Plain]	No
Part 1 / Question 20 [Remediation Site]	No



SHISLER ROAD (66' WIDE)

THIS SURVEY IS NOT VALID WITH AN AFFIDAVIT OF NO CHANGE

3556 Lake Shore Road, Suite 500, Buffalo, NY 14219
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BOUNDARY SURVEY
 Sublot 1 - Shisler Road
 Part of Lot 2, Township 12, Range 6, Section 5
 Holland Land Company's Survey
 Town of Clarence
 County of Erie, State of New York
 Date of Survey: 09/18/2024



Scale: 1" = 80'



258.89' MS.
RADIAL

116°24'53"

302.88' MS.

97.00'

6.80' MS.
18.48' D.

N/F
RENE A. OSTOLSKI
L-11338 P-9403
SBL#72.13-1-13

N/F
SHISLER ROAD ASSOCIATES LLC
PART OF SBL#72.00-2-16
AREA = 2.93± ACRES

SUBLOT 2

SOUTH RIGHT OF WAY OF LANDS OF
WEST SHORE BRANCH OF NEW YORK
CENTRAL RAILROAD
R=11,409.19' D.#MS.
L=469.66' MS.

LANDS FORMERLY OF
NEW YORK CENTRAL RAILROAD

335.06'

150.00' D.#MS.
FOUND MON.
0.741W

FOUND MON.
10.04'S
2.471W

SET
REBAR

N/F
SHISLER ROAD ASSOC. LLC
PART OF
SBL#72.00-2-16

SUBLOT 1

440.00' D.#MS.

N/F
TAMMY KAPTMAN &
CHARLES D. BRENNAN JR.
L-11264 P-5245
SBL#72.13-1-4

L=617.89' MS.
R=11,409.19' D.#MS.

FOUND
IRON
0.28'E
3.07'S

FOUND
IRON
1.38'S
10.41'E

FOUND
IRON
0.33'E

N/F
BERNICE M. &
RUSSELL J. HAHN
L-9928 P-347

N/F
JEFFREY & PATRICIA BROWN
L-11092 P-5293
SBL#72.13-1-2

N/F
SANDRA L. & RICHARD E. PRATT
L-11317 P-3993
SBL#72.13-1-3

FOUND
IRON
ON LINE

91.14' D.#MS.

154.06' D.#MS.

EAST LINE OF LOT 2

SHISLER (66' WIDE) ROAD

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BOUNDARY SURVEY
Sublot 2 - Shisler Road
Part of Lot 2, Township 12, Range 6, Section 5
Holland Land Company's Survey
Town of Clarence
County of Erie, State of New York
Date of Survey: 09/18/2024
Scale: 1" = 80'





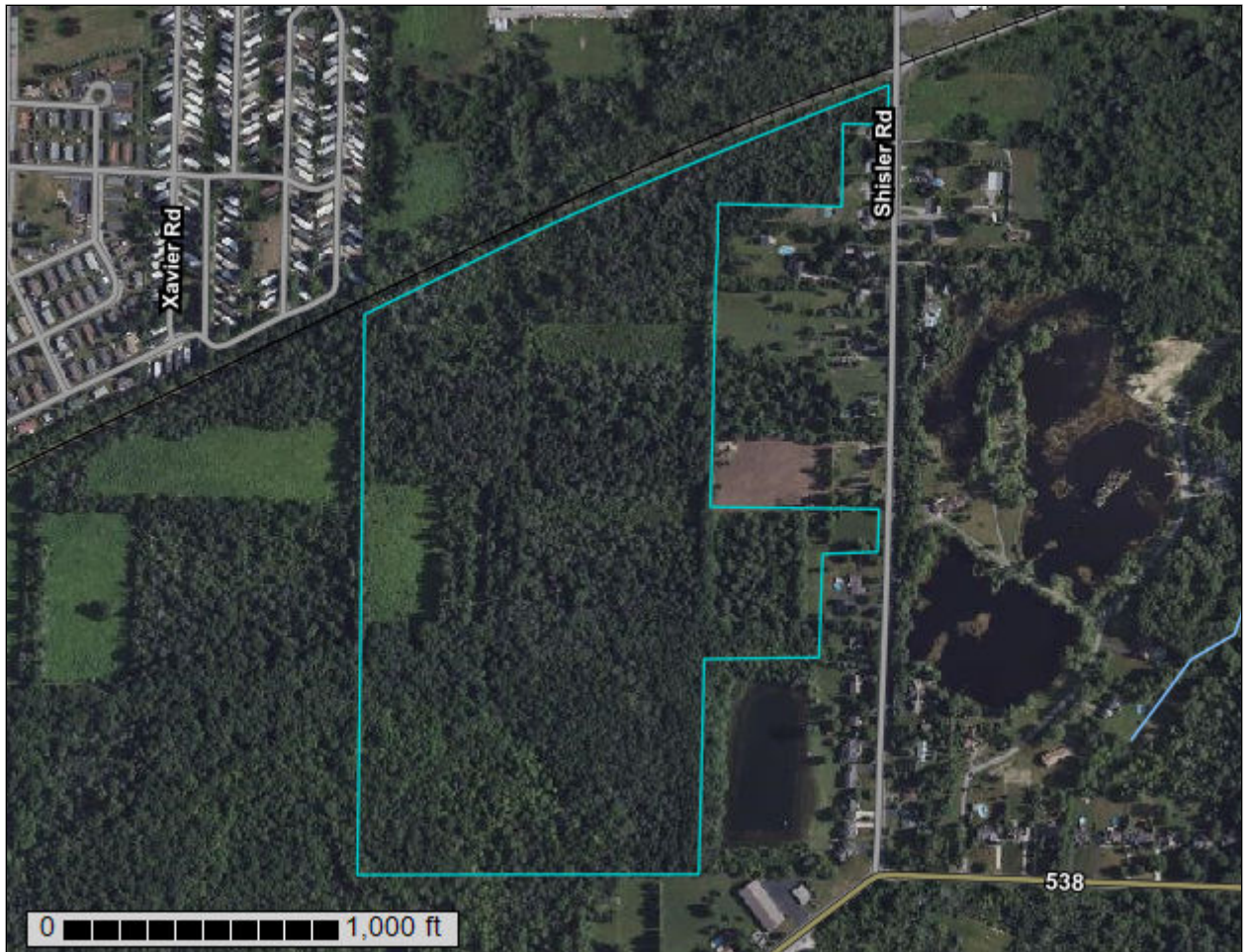
United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Erie County, New York**



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

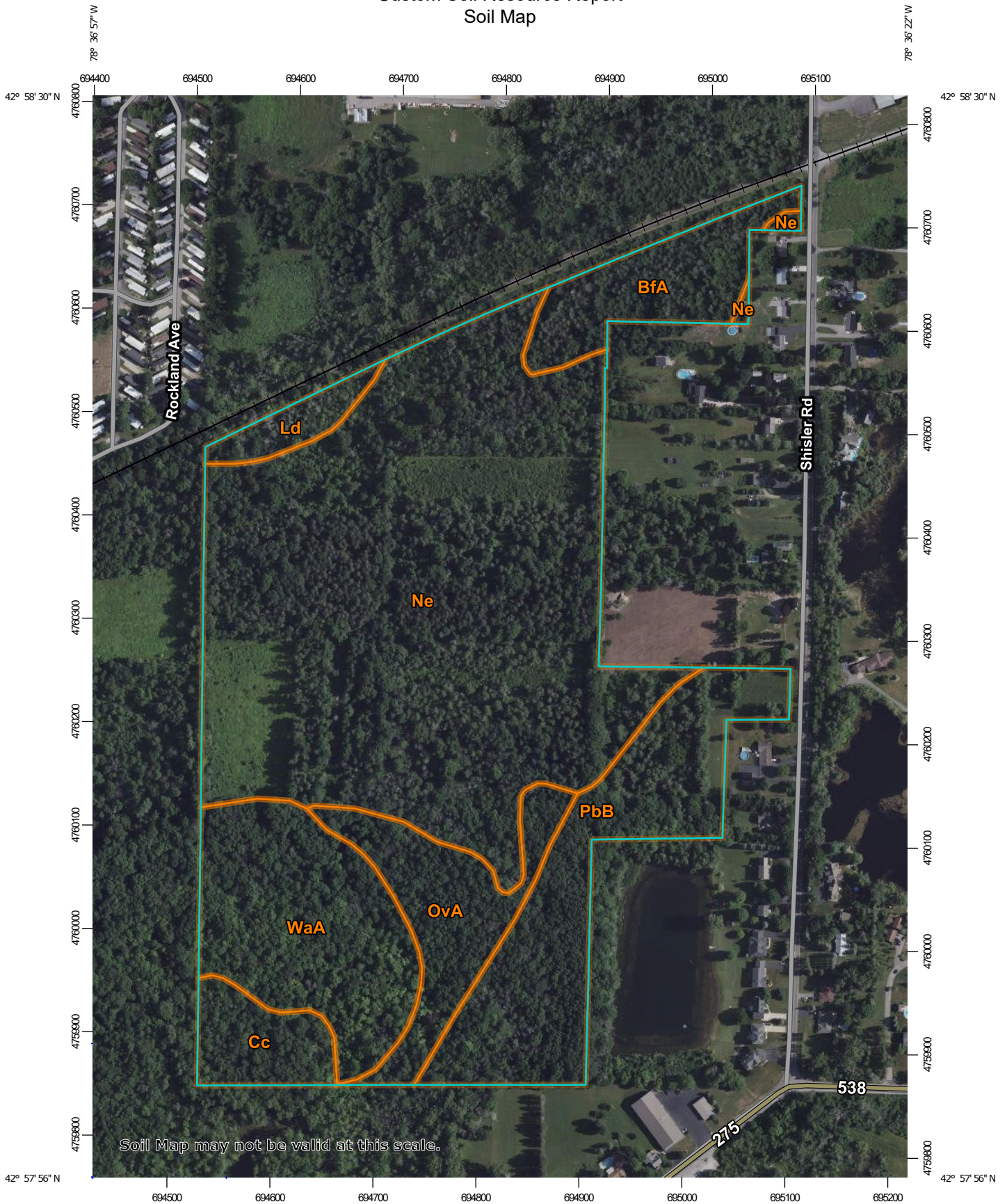
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identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

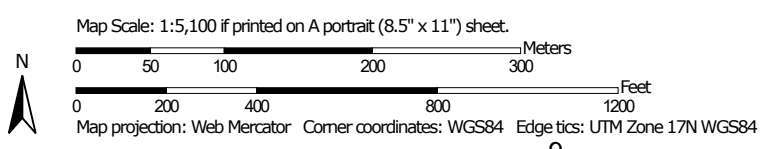
Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map




Soil Map may not be valid at this scale.



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

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 23, Sep 5, 2023

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

Date(s) aerial images were photographed: Jul 4, 2020—Jul 10, 2020

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
BfA	Benson very channery loam, 0 to 3 percent slopes	4.6	6.0%
Cc	Canandaigua silt loam	2.7	3.5%
Ld	Lamson mucky very fine sandy loam	1.4	1.9%
Ne	Newstead loam	41.7	54.4%
OvA	Ovid silt loam, 0 to 3 percent slopes	5.8	7.5%
PbB	Palmyra gravelly loam, 3 to 8 percent slopes	10.8	14.1%
WaA	Wassaic silt loam, 0 to 3 percent slopes	9.7	12.6%
Totals for Area of Interest		76.7	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not

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mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Erie County, New York

BfA—Benson very channery loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 9rk0

Elevation: 90 to 1,000 feet

Mean annual precipitation: 36 to 48 inches

Mean annual air temperature: 45 to 50 degrees F

Frost-free period: 115 to 195 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Benson and similar soils: 75 percent

Minor components: 25 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Benson

Setting

Landform: Till plains, ridges, benches

Landform position (two-dimensional): Summit

Landform position (three-dimensional): Crest

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Channery loamy till underlain by limestone or calcareous shale

Typical profile

H1 - 0 to 6 inches: very channery loam

H2 - 6 to 15 inches: very channery loam

H3 - 15 to 19 inches: unweathered bedrock

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 10 to 20 inches to lithic bedrock

Drainage class: Somewhat excessively drained

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately high (0.00 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 1 percent

Available water supply, 0 to 60 inches: Very low (about 1.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3s

Hydrologic Soil Group: D

Ecological site: F101XY011NY - Shallow Till Upland

Hydric soil rating: No

Minor Components

Farmington

Percent of map unit: 5 percent

Hydric soil rating: No

Lima

Percent of map unit: 5 percent
Hydric soil rating: No

Wassaic

Percent of map unit: 5 percent
Hydric soil rating: No

Newstead

Percent of map unit: 5 percent
Hydric soil rating: No

Unnamed soils

Percent of map unit: 5 percent
Hydric soil rating: No

Cc—Canandaigua silt loam

Map Unit Setting

National map unit symbol: 9rkd
Elevation: 100 to 1,000 feet
Mean annual precipitation: 36 to 48 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 115 to 195 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Canandaigua and similar soils: 75 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Canandaigua

Setting

Landform: Depressions
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tread
Down-slope shape: Concave
Across-slope shape: Concave
Parent material: Silty and clayey glaciolacustrine deposits

Typical profile

H1 - 0 to 9 inches: silt loam
H2 - 9 to 37 inches: silt loam
H3 - 37 to 60 inches: silt loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained

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Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: None

Frequency of ponding: Frequent

Calcium carbonate, maximum content: 15 percent

Available water supply, 0 to 60 inches: High (about 12.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: C/D

Ecological site: F101XY010NY - Wet Lake Plain Depression

Hydric soil rating: Yes

Minor Components

Canadice

Percent of map unit: 5 percent

Landform: Depressions

Hydric soil rating: Yes

Lakemont

Percent of map unit: 5 percent

Landform: Depressions

Hydric soil rating: Yes

Lyons

Percent of map unit: 5 percent

Landform: Depressions

Hydric soil rating: Yes

Lamson

Percent of map unit: 5 percent

Landform: Depressions

Hydric soil rating: Yes

Niagara

Percent of map unit: 5 percent

Hydric soil rating: No

Ld—Lamson mucky very fine sandy loam

Map Unit Setting

National map unit symbol: 9rms

Elevation: 50 to 1,100 feet

Mean annual precipitation: 36 to 48 inches

Mean annual air temperature: 45 to 50 degrees F

Frost-free period: 115 to 195 days

Farmland classification: Not prime farmland

Map Unit Composition

Lamson and similar soils: 75 percent

Minor components: 25 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lamson

Setting

Landform: Depressions

Landform position (two-dimensional): Toeslope

Landform position (three-dimensional): Tread

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Deltaic or glaciolacustrine deposits with a high content of fine and very fine sand

Typical profile

H1 - 0 to 9 inches: mucky very fine sandy loam

H2 - 9 to 40 inches: fine sandy loam

H3 - 40 to 60 inches: loamy very fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Very poorly drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)

Depth to water table: About 0 to 6 inches

Frequency of flooding: None

Frequency of ponding: Occasional

Calcium carbonate, maximum content: 15 percent

Available water supply, 0 to 60 inches: Moderate (about 7.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 5w

Hydrologic Soil Group: A/D

Ecological site: F101XY007NY - Wet Outwash

Hydric soil rating: Yes

Minor Components

Canandaigua

Percent of map unit: 5 percent

Landform: Depressions

Hydric soil rating: Yes

Cheektowaga

Percent of map unit: 5 percent

Landform: Depressions

Hydric soil rating: Yes

Unnamed soils

Percent of map unit: 5 percent

Landform: Depressions

Hydric soil rating: Yes

Halsey

Percent of map unit: 5 percent
Landform: Depressions
Hydric soil rating: Yes

Minoa

Percent of map unit: 5 percent
Hydric soil rating: No

Ne—Newstead loam

Map Unit Setting

National map unit symbol: 9rnp
Elevation: 350 to 1,800 feet
Mean annual precipitation: 36 to 48 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 115 to 195 days
Farmland classification: Prime farmland if drained

Map Unit Composition

Newstead and similar soils: 75 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Newstead

Setting

Landform: Till plains, ridges, benches
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Loamy till derived from limestone, with varying amounts of sandstone, shale, and granite

Typical profile

H1 - 0 to 10 inches: loam
H2 - 10 to 21 inches: loam
H3 - 21 to 27 inches: gravelly loam
H4 - 27 to 31 inches: unweathered bedrock

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to lithic bedrock
Drainage class: Somewhat poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Depth to water table: About 6 to 12 inches
Frequency of flooding: None
Frequency of ponding: None

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Calcium carbonate, maximum content: 15 percent
Available water supply, 0 to 60 inches: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: C/D
Ecological site: F101XY013NY - Moist Till
Hydric soil rating: No

Minor Components

Unnamed soils

Percent of map unit: 5 percent
Hydric soil rating: No

Appleton

Percent of map unit: 5 percent
Hydric soil rating: No

Kendaia

Percent of map unit: 5 percent
Hydric soil rating: No

Lyons

Percent of map unit: 5 percent
Landform: Depressions
Hydric soil rating: Yes

Wassaic

Percent of map unit: 5 percent
Hydric soil rating: No

OvA—Ovid silt loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 9rp0
Elevation: 250 to 1,000 feet
Mean annual precipitation: 36 to 48 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 115 to 195 days
Farmland classification: Prime farmland if drained

Map Unit Composition

Ovid and similar soils: 75 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ovid

Setting

Landform: Till plains, reworked lake plains

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Landform position (two-dimensional): Footslope

Landform position (three-dimensional): Base slope

Down-slope shape: Concave

Across-slope shape: Linear

Parent material: Loamy till with a significant component of reddish shale or reddish glaciolacustrine clays, mixed with limestone and some sandstone

Typical profile

H1 - 0 to 10 inches: silt loam

H2 - 10 to 20 inches: clay loam

H3 - 20 to 60 inches: gravelly loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Somewhat poorly drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: About 6 to 24 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Available water supply, 0 to 60 inches: Moderate (about 8.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: C/D

Ecological site: F101XY013NY - Moist Till

Hydric soil rating: No

Minor Components

Ilion

Percent of map unit: 5 percent

Landform: Depressions

Hydric soil rating: Yes

Appleton

Percent of map unit: 5 percent

Hydric soil rating: No

Kendaia

Percent of map unit: 5 percent

Hydric soil rating: No

Churchville

Percent of map unit: 5 percent

Hydric soil rating: No

Unnamed soils

Percent of map unit: 5 percent

Hydric soil rating: No

PbB—Palmyra gravelly loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: 9rp4
Elevation: 620 to 1,660 feet
Mean annual precipitation: 36 to 48 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 115 to 195 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Palmyra and similar soils: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Palmyra

Setting

Landform: Terraces, outwash plains, deltas
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Tread
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy over sandy and gravelly glaciofluvial deposits, derived mainly from limestone and other sedimentary rocks

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 28 inches: gravelly clay loam
H3 - 28 to 60 inches: stratified very gravelly sand

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Available water supply, 0 to 60 inches: Low (about 4.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: A
Ecological site: F101XY005NY - Dry Outwash
Hydric soil rating: No

Minor Components

Arkport

Percent of map unit: 5 percent
Hydric soil rating: No

Minoa

Percent of map unit: 5 percent
Hydric soil rating: No

Phelps

Percent of map unit: 5 percent
Hydric soil rating: No

Halsey

Percent of map unit: 5 percent
Landform: Depressions
Hydric soil rating: Yes

WaA—Wassaic silt loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 9r3
Elevation: 800 to 1,750 feet
Mean annual precipitation: 36 to 48 inches
Mean annual air temperature: 45 to 50 degrees F
Frost-free period: 115 to 195 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Wassaic and similar soils: 75 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Wassaic

Setting

Landform: Till plains, ridges, benches
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Crest
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy till derived mainly from limestone, with varying amounts of sandstone, shale, and crystalline rock

Typical profile

H1 - 0 to 10 inches: silt loam
H2 - 10 to 23 inches: gravelly silt loam
C - 23 to 28 inches: gravelly loam
R - 28 to 32 inches: unweathered bedrock

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Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 20 to 40 inches to lithic bedrock

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)

Depth to water table: About 19 to 39 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 1 percent

Available water supply, 0 to 60 inches: Low (about 4.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2s

Hydrologic Soil Group: C

Ecological site: F101XY012NY - Till Upland

Hydric soil rating: No

Minor Components

Newstead

Percent of map unit: 5 percent

Hydric soil rating: No

Cazenovia

Percent of map unit: 5 percent

Hydric soil rating: No

Honeoye

Percent of map unit: 5 percent

Hydric soil rating: No

Lima

Percent of map unit: 5 percent

Hydric soil rating: No

Farmington

Percent of map unit: 5 percent

Hydric soil rating: No

References

- American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.
- American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.
- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
- Federal Register. September 18, 2002. Hydric soils of the United States.
- Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.
- National Research Council. 1995. Wetlands: Characteristics and boundaries.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580
- Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.
- United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.
- United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374
- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084>

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United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

EROSION & SEDIMENT CONTROL MEASURES

TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES

GENERAL MEASURES:

- AS MUCH AS IS PRACTICAL, EXISTING VEGETATION SHALL BE PRESERVED. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
- SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE SCOPE AND DURATION OF SOIL DISRUPTION.

PARTICULAR MEASURES:

- DRAINAGE DITCH SEDIMENT FILTERS: DITCHES, SHALL RECEIVE CHECK DAMS WITH 2-9 INCH STONE MEETING NYS-DOT LIGHT STONE FILL REQUIREMENTS SO AS TO EFFECTIVELY TRAP SEDIMENT AND MINIMIZE ITS RELEASE OFF-SITE. CHECK DAMS SHALL HAVE A 9" MINIMUM WEIR AND BE CONSTRUCTED WITHIN EACH DITCH BEGINNING AT ITS DOWNSTREAM TERMINUS. CHECK DAMS SHALL BE PLACED WITHIN THE CHANNEL SO THAT THE CREST OF THE DOWNSTREAM DAM IS AT THE ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- SILT FENCES AND COMPOST FILTER SOCKS SHALL BE CONSTRUCTED AROUND ALL STOCKPILES OF FILL, TOPSOIL AND EXCAVATED OVERBURDEN THAT ARE TO REMAIN FOR PERIODS LESS THAN 30 DAYS. SILT FENCES AND COMPOST FILTER SOCKS SHALL BE ANCHORED AND MAINTAINED IN GOOD CONDITION UNTIL SUCH TIME AS STOCKPILES ARE REMOVED AND STOCKPILING AREAS ARE BROUGHT TO FINAL GRADE AND PERMANENTLY STABILIZED.
- TOPSOIL AND FILL THAT IS TO REMAIN STOCKPILED ON-SITE FOR PERIODS GREATER THAN 30 DAYS SHALL BE STABILIZED BY SEEDING. PRIOR TO THE SEEDING OPERATION, THE STOCKPILED MATERIAL SHALL BE GRADED AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION AND MULCH ANCHORING.
- IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITH 25 FEET OF ANY DITCH, STREAM, OR OTHER SURFACE WATER BODY.

PERMANENT AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES

- PERMANENT AND TEMPORARY VEGETATIVE COVER: IMMEDIATELY FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITY OR WHERE WORK IS DELAYED AND WILL NOT BE DISTURBED FOR 21 DAYS OR MORE IN ANY PORTION OF THE SITE. PERMANENT OR TEMPORARY VEGETATION SHALL BE ESTABLISHED WITHIN 14 DAYS ON ALL EXPOSED SOILS. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL FOLLOWING DISTURBANCE TO STABILIZE BARE SOIL AND PROMOTE THE PROMPT RE-ESTABLISHMENT OF VEGETATION.
 - A. AN ADEQUATE SEEDBED SHALL BE PREPARED BY SCARIFYING COMPACTED SOIL AND REMOVING SURFACE DEBRIS AND OBSTACLES.
 - B. LIME SHALL BE APPLIED SUFFICIENTLY TO ATTAIN A SOIL ACIDITY pH OF 6.0 TO 7.0.
 - C. FERTILIZER (5-10-10 MIXTURE OR EQUIVALENT) SHALL BE APPLIED PER SOIL TEST RESULTS OR AT A RATE OF 600 LBS PER ACRE.
 - D. DISTURBED AREAS WHICH WILL REMAIN TEMPORARILY FALLOW FOR PERIODS GREATER THAN 14 DAYS SHALL BE SEEDED AT THE FOLLOWING RATE TO PRODUCE TEMPORARY GROUND COVER: 30 LBS RYEGRASS (ANNUAL OR PERENNIAL) PER ACRE. DURING THE WINTER, USE 100 LBS CERTIFIED "AROOSTOCK" WINTER RYE (CEREAL RYE) PER ACRE.
 - E. PERMANENT SEEDING SHALL BE APPLIED ON 4" MIN. TOPSOIL AT THE FOLLOWING RATE FOR ROUGH OR OCCASIONAL MOWING AREAS:
 - 8 LBS EMPIRE BIRDSFOOT TIREFOIL OR COMMON WHITE CLOVER PER ACRE.
 - 20 LBS TALL FESCUE PER ACRE PLUS
 - 2 LBS REDTOP OR 5 LBS RYEGRASS (PERENNIAL) PER ACRE
 FOR MOWED AREAS:
 - 65 LBS KENTUCKY BLUEGRASS PER ACRE
 - 65 LBS RYEGRASS (PERENNIAL) PER ACRE
 - F. ALL SEEDING SHALL BE PERFORMED USING THE BROADCAST METHOD OR HYDROSEEDING, UNLESS OTHERWISE APPROVED.
 - G. ALL DISTURBED AREAS SHALL BE STABILIZED SUBSEQUENT TO SEEDING BY APPLYING 2 TONS OF STRAW MULCH PER ACRE. STRAW MULCH SHALL BE ANCHORED BY APPLYING 750 LBS OF WOOD FIBER MULCH PER ACRE WITH A HYDROSEEDER, OR TUCKING THE MULCH WITH SMOOTH DISCS OR OTHER MULCH ANCHORING TOOLS TO A DEPTH OF 3". MULCH ANCHORING TOOLS SHALL BE PULLED ACROSS SLOPES ALONG TOPOGRAPHIC CONTOURS.
- ALL UNNECESSARY REMOVAL OF HEALTHY TREES SHALL BE AVOIDED. MATERIALS SHALL NOT BE STORED NOR MACHINERY OPERATED WITHIN THE DRIP-LINE OF THE TREES TO REMAIN.

MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES:

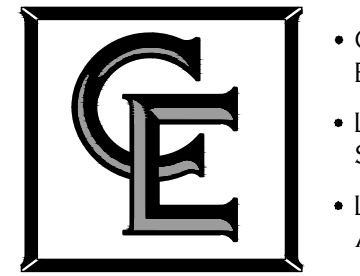
- THE CONTRACTOR SHALL ON A DAILY BASIS INSPECT AND MAINTAIN THE INTEGRITY AND FUNCTION OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE DURATION OF THE CONSTRUCTION PROCESS.
- TO ASSURE PROPER FUNCTION, SILTATION BARRIERS SHALL BE MAINTAINED IN GOOD CONDITION AND REINFORCED, EXTENDED, REPAIRED OR REPLACED AS NECESSARY. WASHOUTS SHALL BE IMMEDIATELY REPAIRED, RE-SEEDED AND PROTECTED FROM FURTHER EROSION.
- SEDIMENT SHALL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES ABOUT 0.5 FEET DEEP AT THE FENCE AND FROM BEHIND THE COMPOST FILTER SOCKS ONCE IT REACHES 1/2 THE FILTER SOCK HEIGHT. THE SEDIMENT FENCE AND COMPOST FILTER SOCKS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN BARRIER.
- ALL SEEDED AREAS SHALL BE FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN IN ORDER TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.

SOIL AND EROSION CONTROL NOTES

- TEMPORARY SEDIMENTATION ENTRAPMENT AREAS SHALL BE PROVIDED AT KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE.
- SILT THAT LEAVES THE SITE IN SPITE OF THE REQUIRED PRECAUTIONS SHALL BE COLLECTED AND REMOVED AS DIRECTED BY APPROPRIATE MUNICIPAL AUTHORITIES.
- AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY SILTATION DEVICES SHALL BE REMOVED AND THE AFFECTED AREAS REGRADED, OR TREATED IN ACCORDANCE WITH THE APPROVED SITE PLANS.
- ALL SEDIMENTATION ENTRAPMENT STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS.
- CONTRACTOR TO INSTALL EROSION CONTROL MEASURES (SILT FENCE AND/ OR COMPOST FILTER SOCKS) AROUND AREAS BEING DISTURBED DURING CONSTRUCTION AND AS NECESSARY.
- CONTRACTOR TO INSTALL SILT FENCE OR COMPOST FILTER SOCKS DOWNSLOPE OF ALL UTILITY TRENCHES.
- DISTANCES SHOWN FROM THE WETLANDS IF ANY ON THE CONSTRUCTION PLANS AND SOIL EROSION AND SEDIMENT CONTROL PLANS ESTABLISH THE MINIMUM SEPARATION PERMITTED BETWEEN THE PROPOSED CONSTRUCTION ACTIVITIES AND BOUNDARY OF THE WETLANDS.
 - 7.1. AREA OF DISTURBANCE LINES SHALL BE CLEARLY DELINEATED IN THE FIELD BY INSTALLING ORANGE CONSTRUCTION FENCING AROUND THE ENTIRE PROPOSED CONSTRUCTION AREA, EXCEPT AS NECESSARY TO PROVIDE MITIGATION PLANTINGS, NO ENCROACHMENT BEYOND THESE LIMITS BY WORKERS OR MACHINERY SHALL BE PERMITTED.
 - 7.2. GRADING AND CLEARING AND OTHER CONSTRUCTION-RELATED ACTIVITIES SHALL TAKE PLACE ONLY WITHIN THE DELINEATED AREA OF DISTURBANCE LINES. THESE AREAS OF DISTURBANCE LINES REPRESENT THE MAXIMUM LIMITS OF CONSTRUCTION ACTIVITIES. EVERY ATTEMPT SHALL BE MADE TO FURTHER REDUCE GRADING AND CLEARING ACTIVITIES WITHIN THE AREA OF DISTURBANCE LINES BY MAINTAINING NATURAL VEGETATION AND TOPOGRAPHY WHEREVER PRACTICABLE.
 - 7.3. ALL CONSTRUCTION AND CONSTRUCTION RELATED-ACTIVITIES OCCURRING ON THIS SITE SHALL COMPLY WITH THE STANDARDS AND RECOMMENDATIONS OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
 - 7.4. PRIOR TO THE COMMENCEMENT OF ANY SITE WORK, THE APPLICANT SHALL STAKE THE LOCATION OF THE CONSTRUCTION ACTIVITY FOR INSPECTION AND APPROVAL BY THE TOWN ENGINEER (IF REQUIRED).
 - 7.5. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHOWN ON THIS PLAN SHALL BE IN PLACE PRIOR TO THE START OF ANY SITE WORK. THE TOWN ENGINEER SHALL HAVE INSPECTED THE INSTALLATION OF ALL REQUIRED SOIL EROSION AND SEDIMENTATION CONTROL MEASURES PRIOR TO THE AUTHORIZATION TO PROCEED WITH ANY PHASE OF THE SITE WORK (IF REQUIRED).
 - 7.6. THROUGHOUT THE CONSTRUCTION PERIOD, A QUALIFIED PROFESSIONAL RETAINED BY THE APPLICANT SHALL, ON AT LEAST A WEEKLY BASIS, PRIOR TO ANY PREDICTED RAIN EVENT AND AFTER RUNOFF-PRODUCING RAIN EVENT, INSPECT THE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES TO ENSURE THEIR PROPER FUNCTIONING.
 - 7.7. ALL DRAINAGE STRUCTURES AND ANY OTHER REQUIRED UTILITY APPURTENANCES SHALL BE INSTALLED AS REQUIRED BY TOWN SPECIFICATIONS AND AS SHOWN ON THESE PLANS.
 - 7.8. IF THE APPLICANT, DURING THE COURSE OF CONSTRUCTION, ENCOUNTERS SUCH CONDITIONS AS FLOOD AREAS, UNDERGROUND WATER, SOFT OR SILTY AREAS, IMPROPER DRAINAGE, OR OTHER UNUSUAL CIRCUMSTANCES OR CONDITIONS THAT WERE NOT FORESEEN IN THE ORIGINAL PLANNING, THEY SHALL REPORT SUCH CONDITIONS IMMEDIATELY TO THE TOWN ENGINEER. THE APPLICANT MAY SUBMIT, IF THEY SO DESIRE, THEIR RECOMMENDATIONS AS THE SPECIAL TREATMENT TO BE GIVEN SUCH AREAS TO SECURE ADEQUATE, PERMANENT AND SATISFACTORY CONSTRUCTION. THE TOWN ENGINEER, WITHOUT UNNECESSARY DELAY, SHALL INVESTIGATE THE CONDITION OR CONDITIONS, AND SHALL EITHER APPROVE THE APPLICANT'S RECOMMENDATION TO CORRECT THE CONDITIONS, ORDER A MODIFICATION THEREOF, OR ISSUE THEIR OWN SPECIFICATION FOR THE CORRECTION OF THE CONDITIONS. IN THE EVENT OF THE APPLICANT'S DISAGREEMENT WITH THE DECISION OF THE TOWN ENGINEER, OR IN THE EVENT OF A SIGNIFICANT CHANGE RESULTING TO THE SITE PLAN OR ANY CHANGE THAT INVOLVES WETLAND REGULATED AREAS, THE MATTER SHALL BE DECIDED BY THE PLANNING BOARD. ANY SUCH CONDITIONS OBSERVED BY THE PLANNING BOARD OR ITS AGENTS SHALL BE SIMILARLY TREATED.



11101 ANDERSON DRIVE, SUITE 200
LITTLE ROCK, AR 72212



- CIVIL ENGINEERING
- LAND SURVEYING
- LANDSCAPE ARCHITECTURE

COSTICH ENGINEERING
217 LAKE AVENUE
ROCHESTER, NY 14608
(585) 458-3020

NO.	DATE	COMMENTS
0	05/08/2023	TKW ISSUED FOR REVIEW
1	04/23/2024	TKW ISSUED FOR REVIEW
2	06/06/2024	TKW ADDED SITE NUMBER, REVISED TENANT EQUIPMENT, ISSUED FINAL

PROJECT MANAGER
D.A.W.

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T.K.W.

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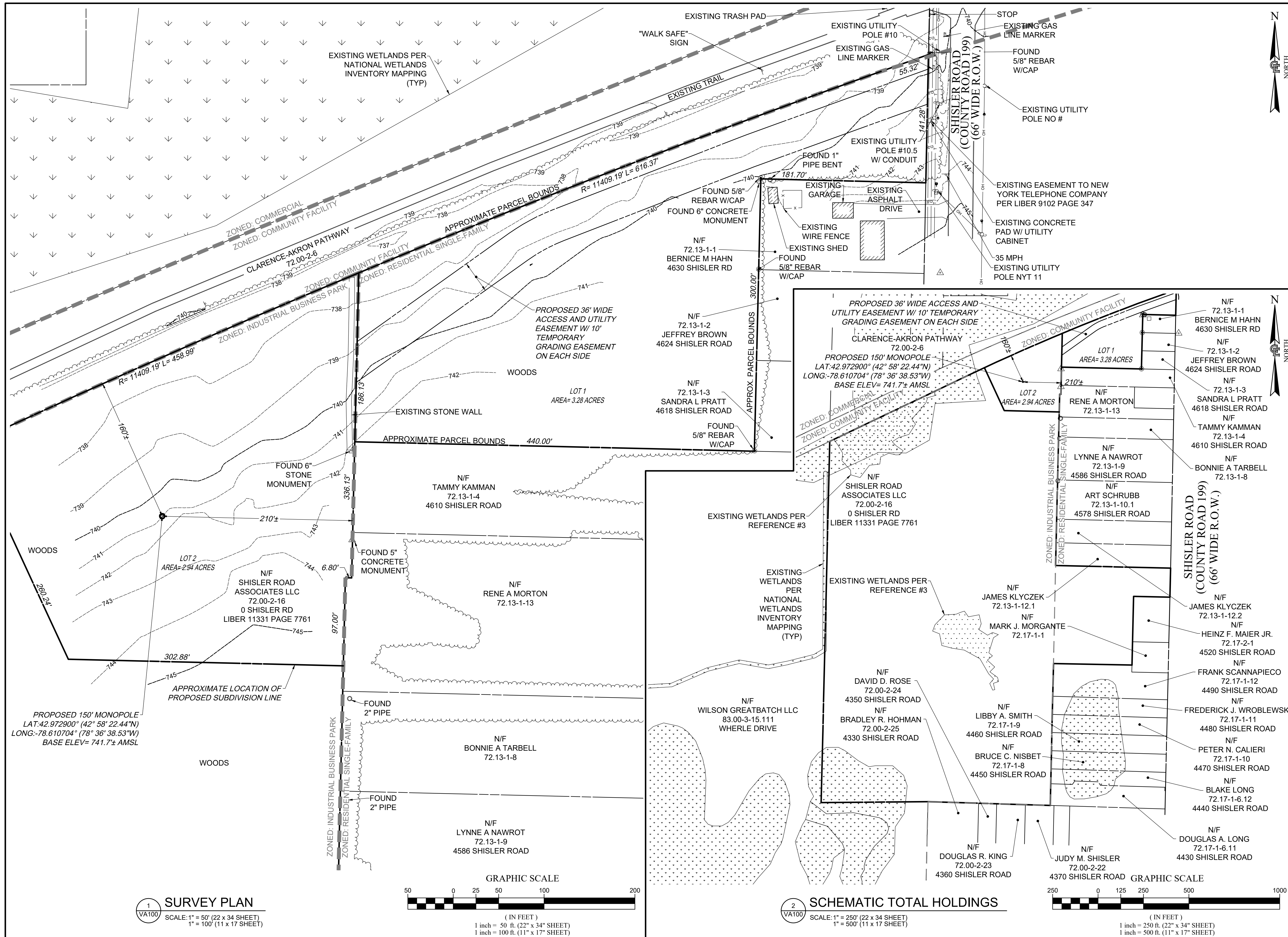
CLARENCE
SITE# NY0005156

TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

SHEET TITLE

GENERAL NOTES

C.E. JOB NUMBER	SHEET NUMBER
8776	GA003
SHEET 03 OF 13	



HARMONITOWERS
 11101 ANDERSON DRIVE, SUITE 200
 LITTLE ROCK, AR 72212

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CLARENCE
 SITE# NY0005156

TOWN OF CLARENCE
 COUNTY OF ERIE
 STATE OF NEW YORK

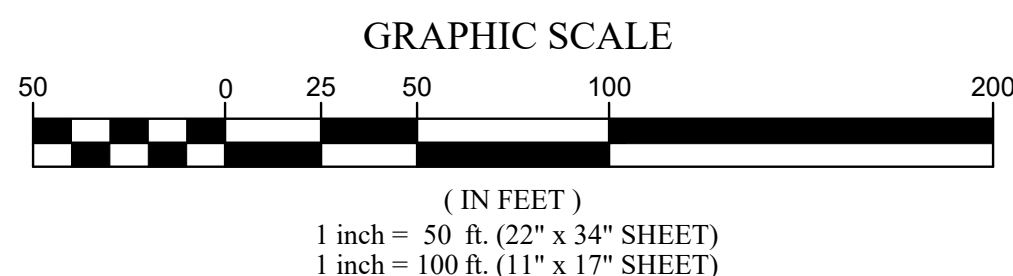
SHEET TITLE
SCHEMATIC TOTAL HOLDINGS

C.E. JOB NUMBER
8776

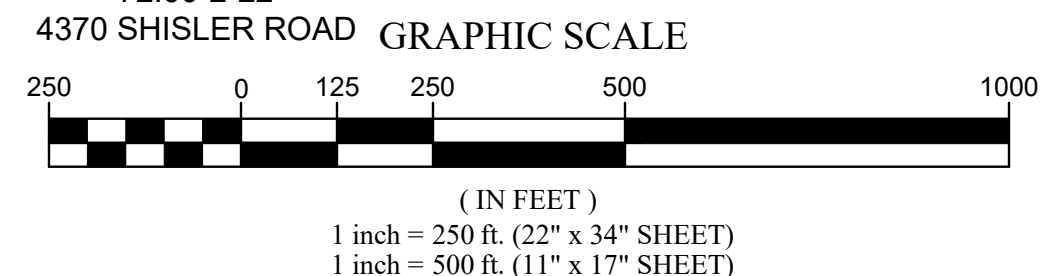
SHEET NUMBER
VA100

SHEET 04 OF 13

1
 VA100
SURVEY PLAN
 SCALE: 1" = 50' (22" x 34" SHEET)
 1" = 100' (11" x 17" SHEET)



2
 VA100
SCHEMATIC TOTAL HOLDINGS
 SCALE: 1" = 250' (22" x 34" SHEET)
 1" = 500' (11" x 17" SHEET)



SCHEDULE A PARENT PARCEL

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE TOWN OF CLARENCE, COUNTY OF ERIE AND STATE OF NEW YORK, BEING PART OF LOT NOS. 2 AND 4, SECTION 5, TOWNSHIP 12, RANGE 6 OF THE HOLLAND LAND COMPANY'S SURVEY, DESCRIBED AS FOLLOWS:
 BEGINNING AT A POINT IN THE NORTHEAST CORNER OF LOT NO. 3, ALSO BEING THE SOUTHEAST CORNER OF LOT NO. 4; THENCE WEST ALONG THE NORTH LINE OF LOT NO. 3, ALSO BEING THE SOUTH LINE OF LOT NO. 4, A DISTANCE OF 587.69 FEET; THENCE NORTH AT AN EXTERIOR ANGLE OF 88° 14' 12" A DISTANCE OF 1986.05 FEET TO THE SOUTH LINE OF LANDS CONVEYED TO NEW YORK CENTRAL RAILROAD; THENCE EAST ALONG SAID SOUTH LINE OF NEW YORK CENTRAL RAILROAD, A DISTANCE OF 850.45 FEET TO THE POINT OF CURVATURE; THENCE CONTINUING EAST ALONG SAID SOUTH LINE OF NEW YORK CENTRAL RAILROAD ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 11,409.19 FEET AND AN ARC LENGTH OF 1181.82 FEET TO THE POINT OF TANGENCY; THENCE EAST ALONG THE SAID TANGENT LINE, A DISTANCE OF 91.14 FEET TO THE CENTER LINE OF SHISLER ROAD; THENCE SOUTH ALONG THE CENTER LINE OF SHISLER ROAD AT AN INTERIOR ANGLE OF 69° 16' 29" A DISTANCE OF 154.06 FEET TO THE NORTHEAST CORNER OF LANDS CONVEYED TO GEORGE A. CORY AND WIFE TO HAROLD L. COLLINS AND JOAN W. LEWIS BY A DEED RECORDED IN ERIE COUNTY CLERK'S OFFICE IN FIBER 5796 OF DEEDS AT PAGE 465; THENCE WEST AT AN INTERIOR ANGLE OF 89° 46' 39" A DISTANCE OF 200 FEET; THENCE SOUTH MEASURED AT RIGHT ANGLES A DISTANCE OF 300.00 FEET; THENCE WEST MEASURED AT RIGHT ANGLES A DISTANCE OF 440.00 FEET; THENCE SOUTH MEASURED AT RIGHT ANGLES A DISTANCE OF 150.00 FEET; THENCE WEST MEASURED AT RIGHT ANGLES A DISTANCE OF 18.48 FEET; THENCE SOUTH MEASURED AT RIGHT ANGLES A DISTANCE OF 935.9 FEET; THENCE EAST MEASURED AT RIGHT ANGLES A DISTANCE OF 663.15 FEET TO THE CENTER LINE OF SHISLER ROAD; THENCE SOUTH ALONG THE CENTER LINE OF SHISLER ROAD AT AN INTERIOR ANGLE OF 90° 03' 27", A DISTANCE OF 160.00 FEET; THENCE WEST AT AN INTERIOR ANGLE OF 89° 55' 00" A DISTANCE OF 233.00 FEET; THENCE SOUTH AT AN EXTERIOR ANGLE OF 89° 58' 25" A DISTANCE OF 375 FEET; THENCE WEST AT AN INTERIOR ANGLE OF 90° 17' 10", A DISTANCE OF 430.15 FEET; THENCE SOUTH AT AN EXTERIOR ANGLE OF 90° 17' 12" A DISTANCE OF 778.74 FEET TO THE SOUTH LINE OF LOT NO. 2; THENCE WEST ALONG THE SOUTH LINE OF LOT NO. 2, AT AN INTERIOR ANGLE OF 89° 35' 06" A DISTANCE OF 673.20 FEET TO THE POINT OF BEGINNING.

TAX I.D. NUMBER: 72.00-2-16

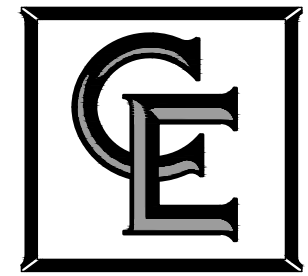
BEING THE SAME PROPERTY CONVEYED TO SHISLER ROAD ASSOCIATES LLC, A NEW YORK LIMITED LIABILITY COMPANY, GRANTEE, FROM GREATBATCH LTD., A NEW YORK CORPORATION, GRANTOR, BY DEED RECORDED 07/13/2018, AS BOOK 11331, PAGE 7761 OF THE COUNTY RECORDS.

TITLE REVIEW

PER OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, COMMITMENT 01-23050562-01T, HAVING AN EFFECTIVE OF DATE NOVEMBER 30, 2023, SURVEY PERTINENT DETERMINATIONS ARE:

7. RIGHT OF WAY IN FAVOR OF NATIONAL FUEL GAS N.Y., RECORDED 10/14/1981 IN BOOK 9071, PAGE 435 OF ERIE COUNTY RECORDS.
 -EASEMENT IS DESCRIBED AS BEING WITHIN 15 FEET OF THE NORTHERLY BOUNDARY LINE OF WEHRLER DRIVE AND THEREFORE DOES NOT AFFECT THE PARENT PARCEL
8. EASEMENT IN FAVOR OF NEW YORK TELEPHONE COMPANY, RECORDED 02/18/1982, AS BOOK 9102, PAGE 347 OF THE ERIE COUNTY RECORDS.
 -EASEMENT IS FOR A PAD MOUNTED TERMINAL WITH ASSOCIATED CABLE AND CABINET. THE PAD AND CABINET ARE SHOWN ON MAP AND THE EASEMENT DOES NOT AFFECT THE PROPOSED ACCESS AND UTILITIES EASEMENT OR PROPOSED LEASE PARCEL.
9. MEMORANDUM OF OPTION, BY AND BETWEEN GREATBATCH LTD. FKA WILSON GREATBATCH LTD., AND SHISLER ROAD ASSOCIATES LLC, RECORDED 07/13/2018, IN BOOK 11331, PAGE 7765 OF THE ERIE COUNTY RECORDS.
 -DOCUMENT IS FOR THE OPTION FOR SHISLER ROAD ASSOCIATES LLC TO PURCHASE THE PARCEL WEST OF THE PARENT PARCEL. THIS DOCUMENT EXPIRED ON JULY 12, 2023. THIS DOES NOT AFFECT THE PARENT PARCEL.

HARMONITOWERS
 11101 ANDERSON DRIVE, SUITE 200
 LITTLE ROCK, AR 72212



- CIVIL ENGINEERING
- LAND SURVEYING
- LANDSCAPE ARCHITECTURE

COSTICH ENGINEERING
 217 LAKE AVENUE
 ROCHESTER, NY 14608
 (585) 458-3020

NO.	DATE	COMMENTS
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2	06/06/2024	TKW ADDED SITE NUMBER, REVISED TENANT EQUIPMENT, ISSUED FINAL



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SITE INFORMATION

CLARENCE
 SITE# NY0005156

TOWN OF CLARENCE
 COUNTY OF ERIE
 STATE OF NEW YORK

SHEET TITLE

SURVEY NOTES AND DESCRIPTIONS

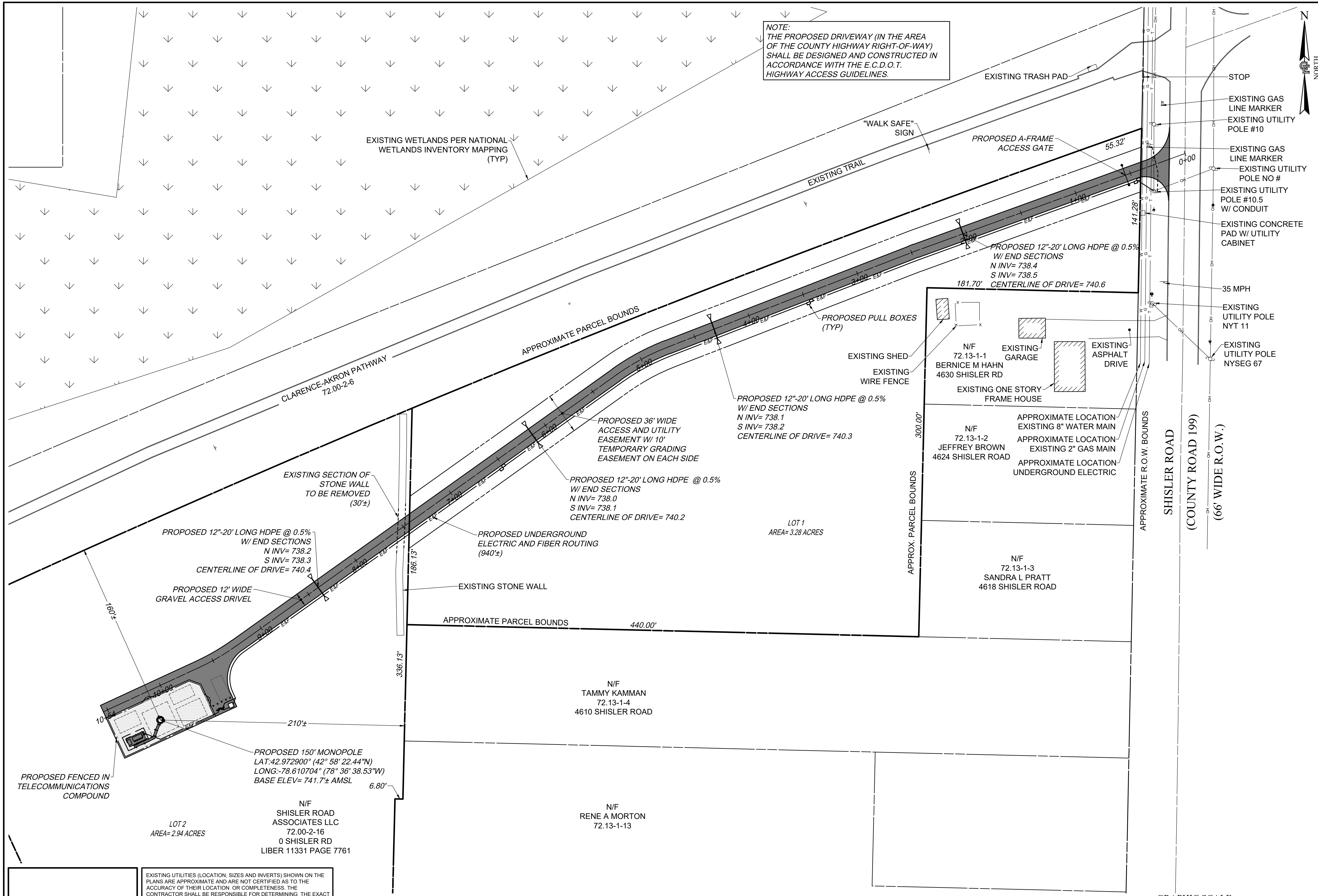
C.E. JOB NUMBER

8776

SHEET NUMBER

VA110

SHEET 05 OF 13



NOTE:
THE PROPOSED DRIVEWAY (IN THE AREA OF THE COUNTY HIGHWAY RIGHT-OF-WAY) SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE E.C.D.O.T. HIGHWAY ACCESS GUIDELINES.

HARMONITOWERS
11101 ANDERSON DRIVE, SUITE 200
LITTLE ROCK, AR 72212

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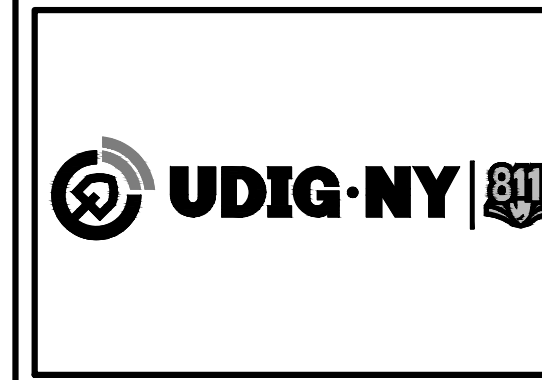
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SITE INFORMATION
CLARENCE
SITE# NY0005156

TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

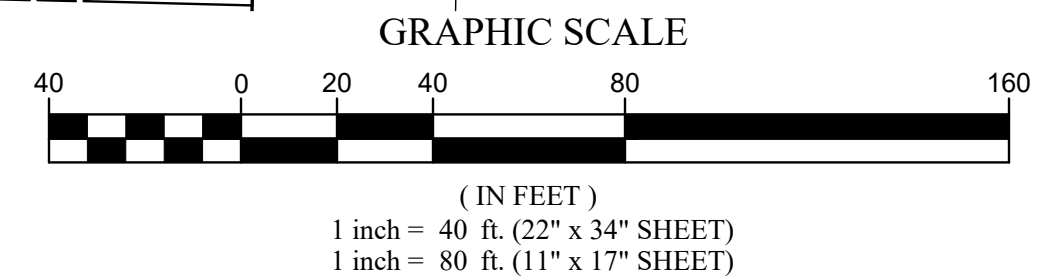
SHEET TITLE
OVERALL SITE PLAN

C.E. JOB NUMBER 8776	SHEET NUMBER CA100
SHEET 06 OF 13	



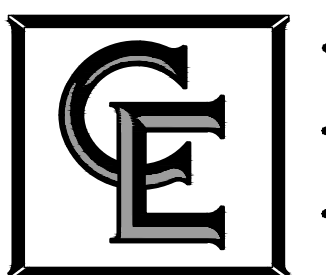
EXISTING UTILITIES (LOCATION, SIZES AND INVERTS) SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT CERTIFIED AS TO THE ACCURACY OF THEIR LOCATION OR COMPLETENESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS AND DEPTHS OF ALL UTILITIES AND STRUCTURES IN THE PATH OF, OR CLOSELY PARALLEL TO, OR UNDER, THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DELAYS OR DAMAGES OCCURRING AS A RESULT OF INCORRECTLY LOCATED UTILITIES. IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITY OWNERS IN AMPLE TIME FOR THEM TO LOCATE AND MARK THEIR FACILITIES. THE CONTRACTOR SHALL ALSO NOTIFY UNDERGROUND UTILITY LOCATION SERVICE AT LEAST 48 HOURS IN ADVANCE OF COMMENCING ANY WORK.

OVERALL SITE PLAN
SCALE: 1" = 40' (22" x 34" SHEET)
1" = 80' (11" x 17" SHEET)



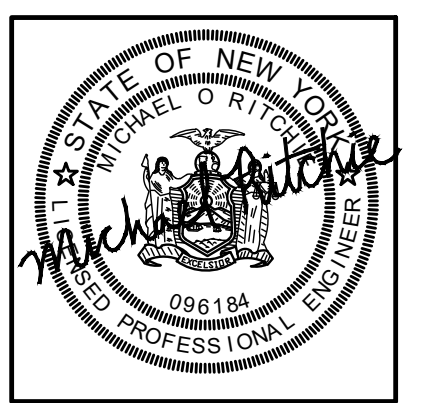


HARMONITOWERS
 11101 ANDERSON DRIVE, SUITE 200
 LITTLE ROCK, AR 72212



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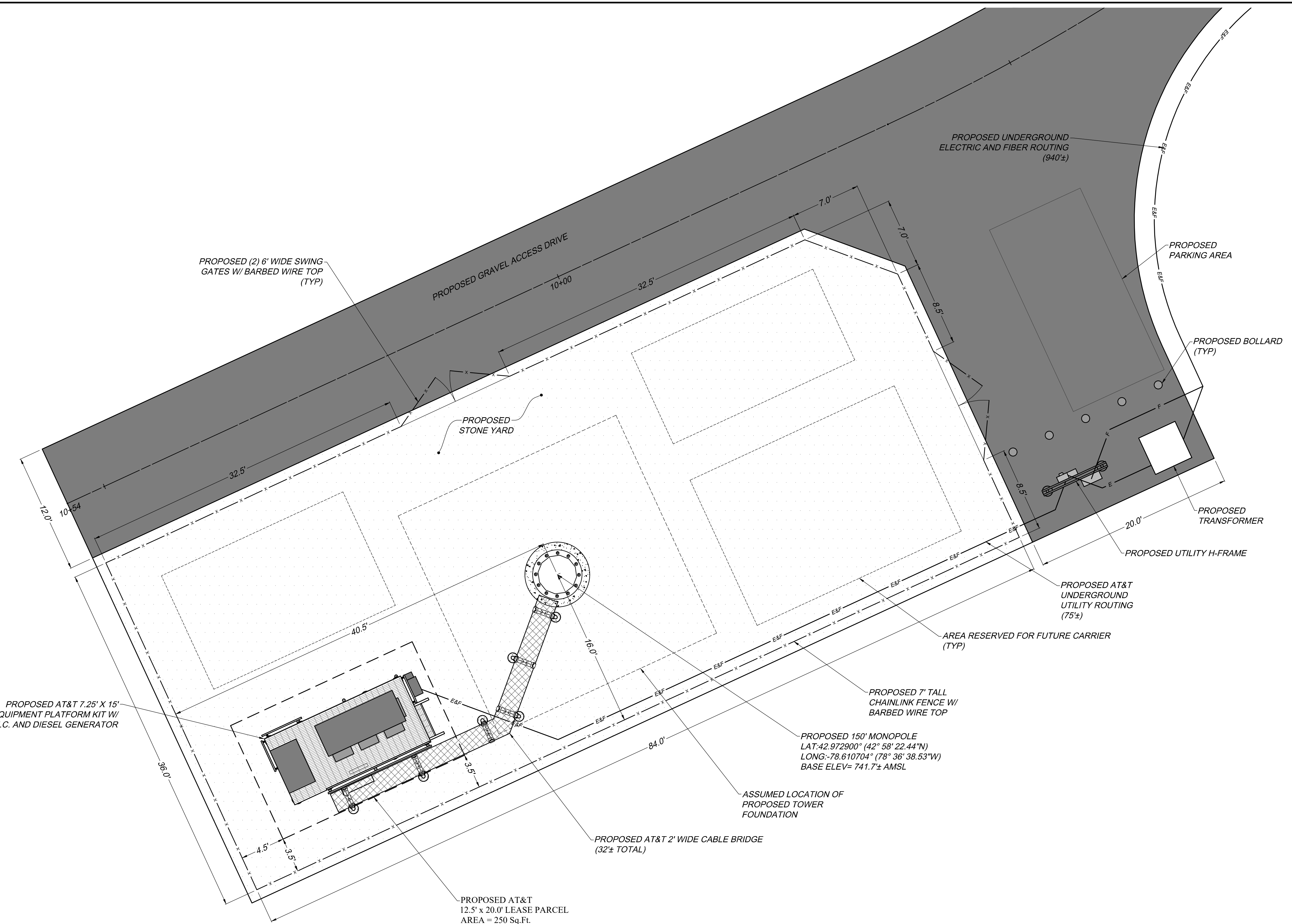
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CLARENCE
 SITE# NY0005156

TOWN OF CLARENCE
 COUNTY OF ERIE
 STATE OF NEW YORK

SHEET TITLE
COMPOUND PLAN
 C.E. JOB NUMBER
8776
 SHEET NUMBER
CA110
 SHEET 07 OF 13



PROPOSED AT&T 7.25' X 15' EQUIPMENT PLATFORM KIT W/ W.U.C. AND DIESEL GENERATOR

PROPOSED STONE YARD

PROPOSED UNDERGROUND ELECTRIC AND FIBER ROUTING (940±)

PROPOSED PARKING AREA

PROPOSED BOLLARD (TYP)

PROPOSED TRANSFORMER

PROPOSED UTILITY H-FRAME

PROPOSED AT&T UNDERGROUND UTILITY ROUTING (75±)

AREA RESERVED FOR FUTURE CARRIER (TYP)

PROPOSED 7' TALL CHAINLINK FENCE W/ BARBED WIRE TOP

PROPOSED 150' MONOPOLE
 LAT: 42.972900° (42° 58' 22.44"N)
 LONG: -78.610704° (78° 36' 38.53"W)
 BASE ELEV= 741.7± AMSL

ASSUMED LOCATION OF PROPOSED TOWER FOUNDATION

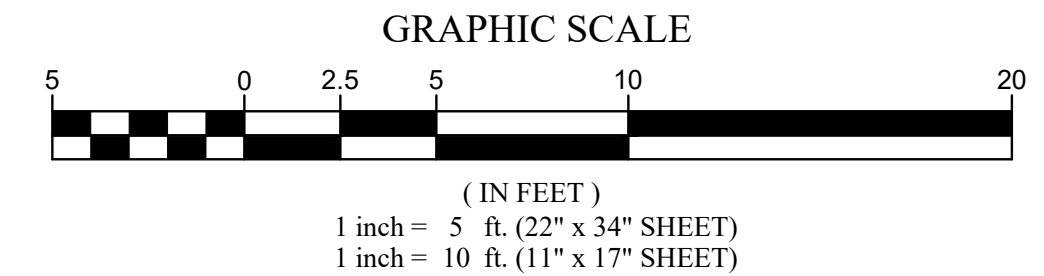
PROPOSED AT&T 2' WIDE CABLE BRIDGE (32± TOTAL)

PROPOSED AT&T 12.5' x 20.0' LEASE PARCEL AREA = 250 Sq.Ft.

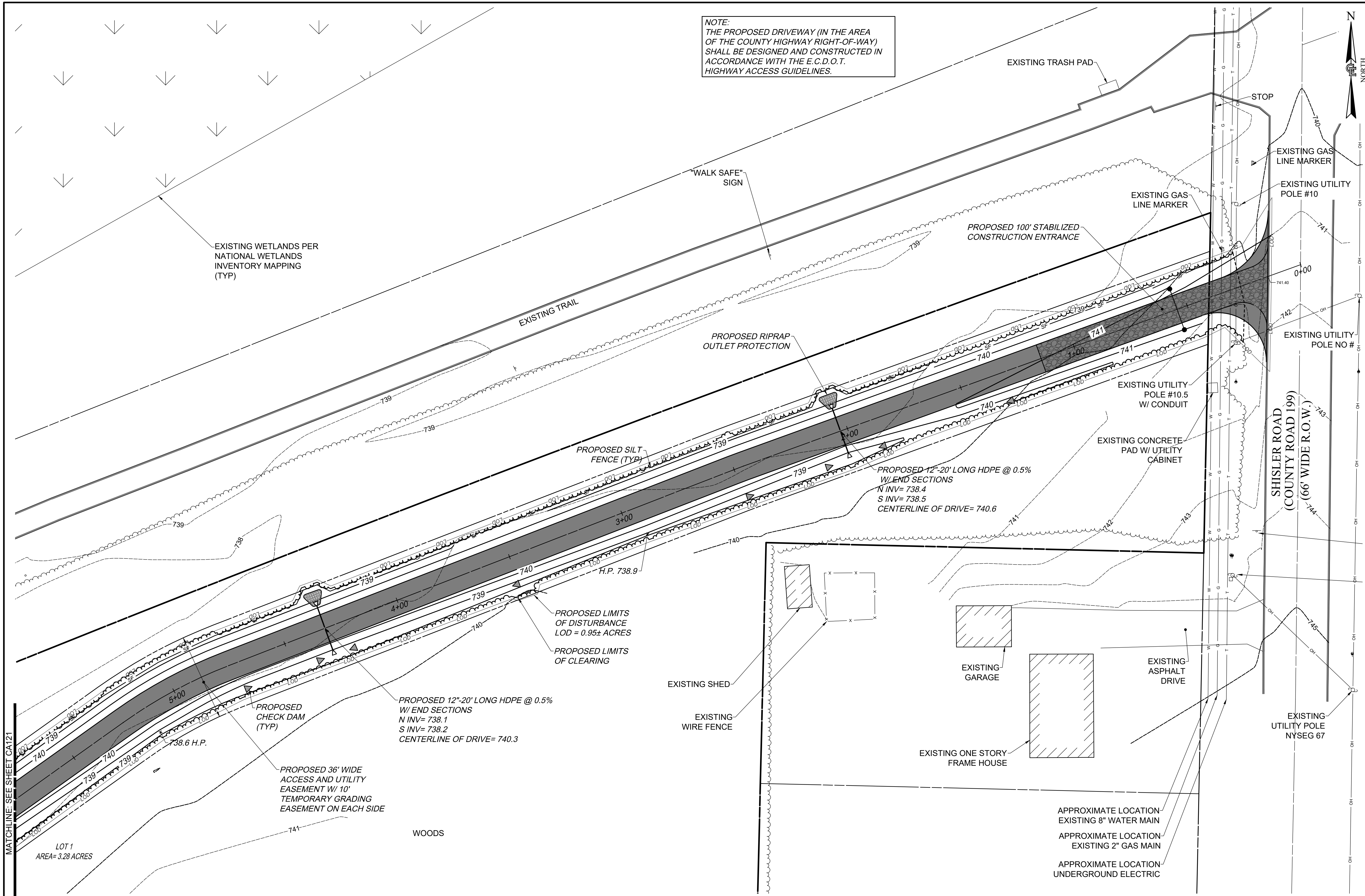


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1 COMPOUND PLAN
 SCALE: 1" = 5' (22 x 34 SHEET)
 1" = 10' (11 x 17 SHEET)



NOTE:
THE PROPOSED DRIVEWAY (IN THE AREA OF THE COUNTY HIGHWAY RIGHT-OF-WAY) SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE E.C.D.O.T. HIGHWAY ACCESS GUIDELINES.



HARMONITOWERS
11101 ANDERSON DRIVE, SUITE 200
LITTLE ROCK, AR 72212

AT&T

COSTICH ENGINEERING
• CIVIL ENGINEERING
• LAND SURVEYING
• LANDSCAPE ARCHITECTURE
217 LAKE AVENUE
ROCHESTER, NY 14608
(585) 458-9020

NO.	DATE	COMMENTS
0	05/08/2023	TKW ISSUED FOR REVIEW
1	04/23/2024	TKW ISSUED FOR REVIEW
2	06/06/2024	TKW ADDED SITE NUMBER, REVISED TENANT EQUIPMENT, ISSUED FINAL

PROJECT MANAGER
D.A.W.

DRAWN BY
T.K.W.

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SITE INFORMATION
CLARENCE
SITE# NY0005156

TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

GRADING AND EROSION CONTROL PLAN

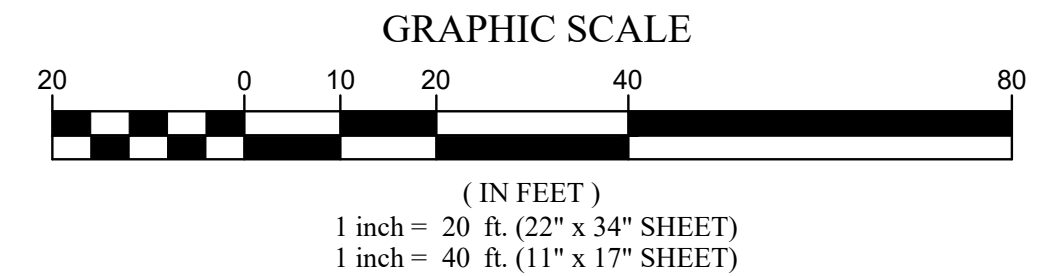
C.E. JOB NUMBER
8776

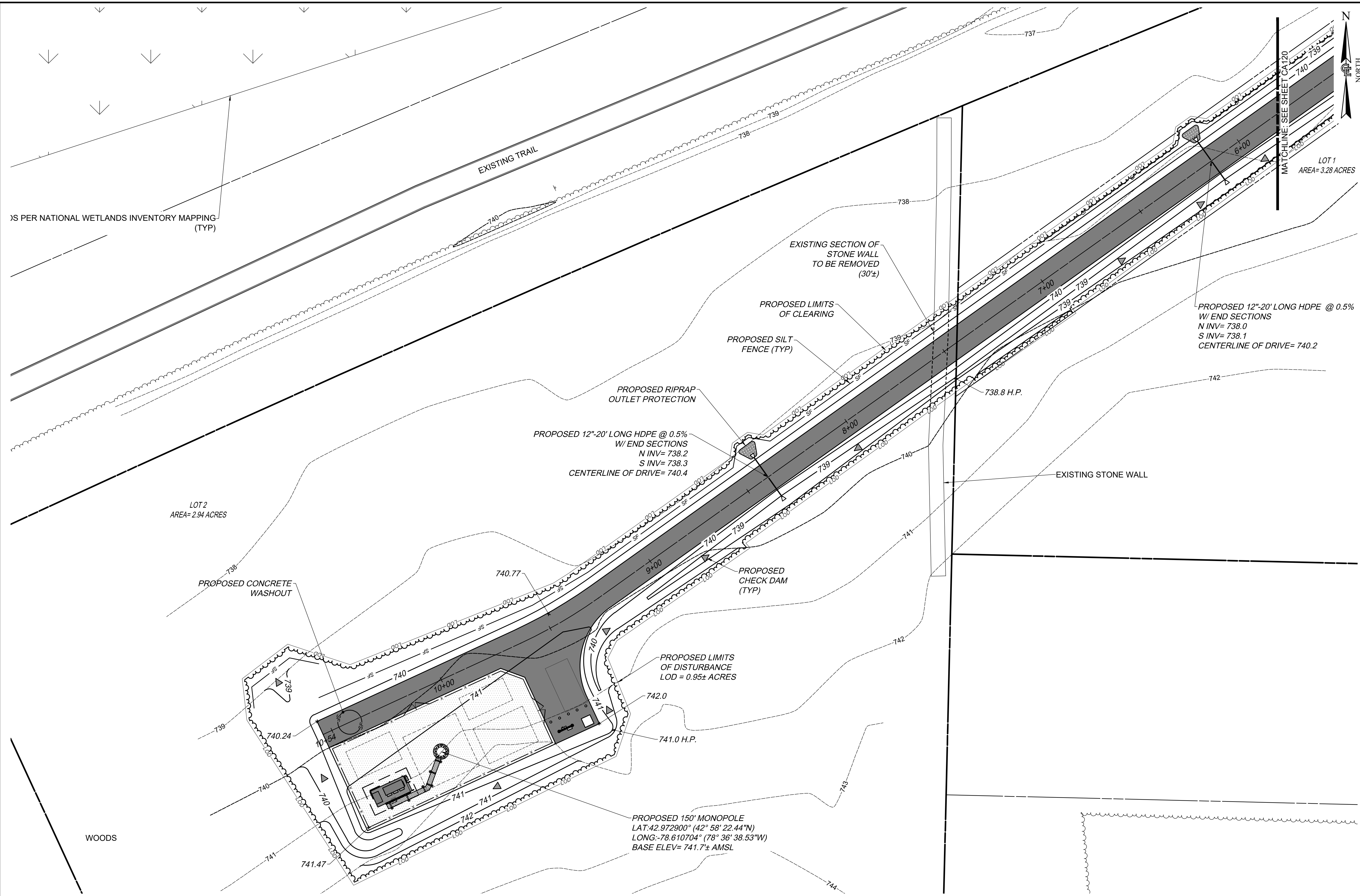
SHEET NUMBER
CA120
SHEET 08 OF 13

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GRADING AND EROSION CONTROL PLAN
SCALE: 1" = 20' (22" x 34" SHEET)
1" = 40' (11" x 17" SHEET)

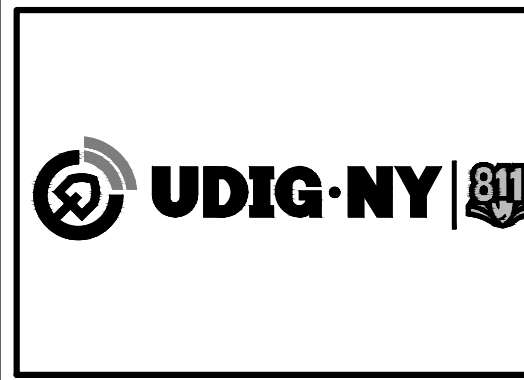




AS PER NATIONAL WETLANDS INVENTORY MAPPING (TYP)

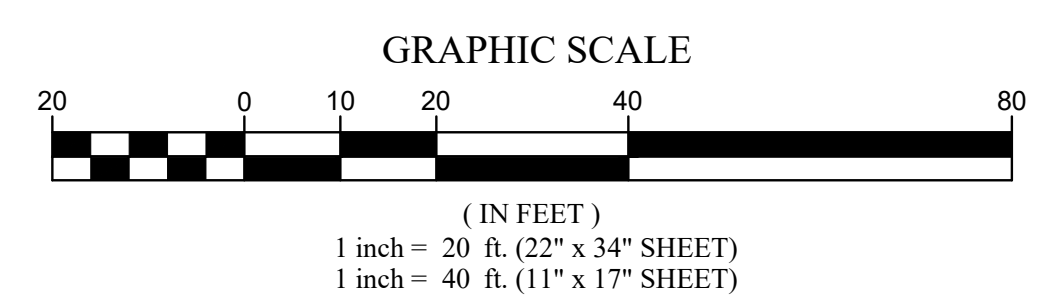
LOT 2
AREA= 2.94 ACRES

LOT 1
AREA= 3.28 ACRES



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1 GRADING AND EROSION CONTROL PLAN
SCALE: 1" = 20' (22 x 34 SHEET)
1" = 40' (11 x 17 SHEET)



HARMONITOWERS
11101 ANDERSON DRIVE, SUITE 200
LITTLE ROCK, AR 72212

AT&T

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• LAND SURVEYING
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217 LAKE AVENUE
ROCHESTER, NY 14608
(585) 458-3020

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SITE INFORMATION
CLARENCE
SITE# NY0005156

TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

SHEET TITLE
GRADING AND EROSION CONTROL PLAN

C.E. JOB NUMBER
8776

SHEET NUMBER
CA121
SHEET 09 OF 13

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0	05/08/2023	TKW ISSUED FOR REVIEW
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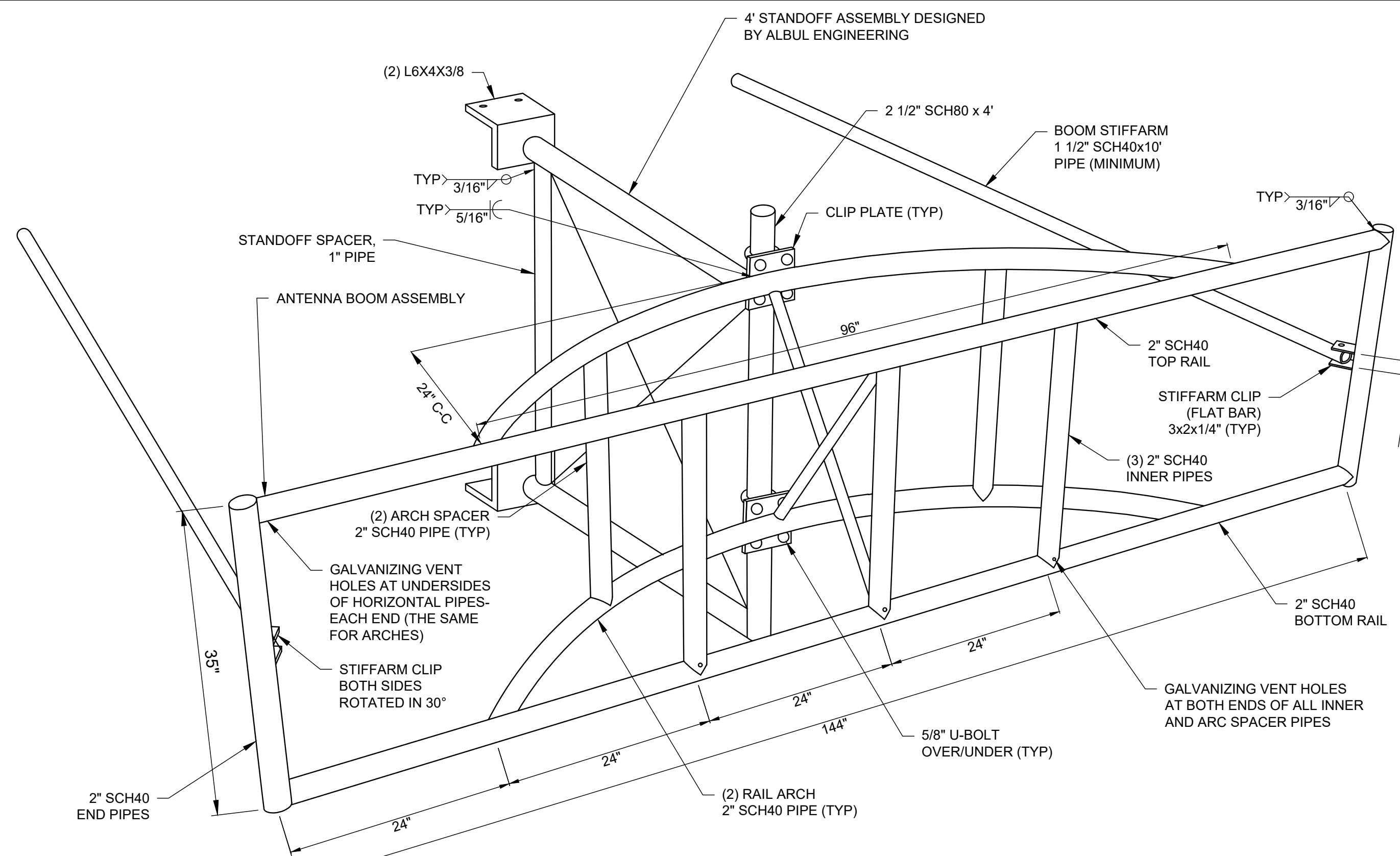
TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

SHEET TITLE
**ELEVATION,
ORIENTATION PLAN &
RF INFO**

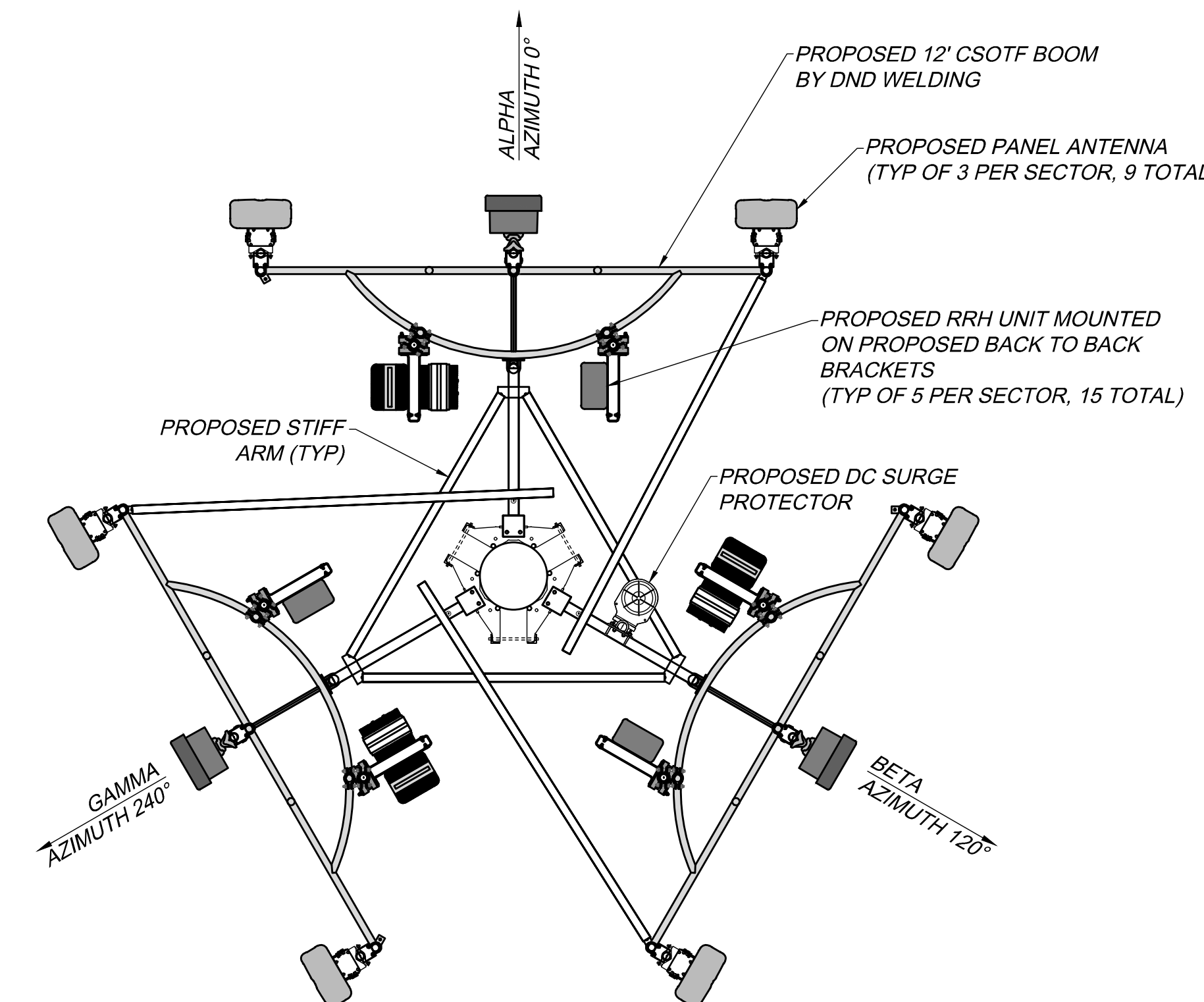
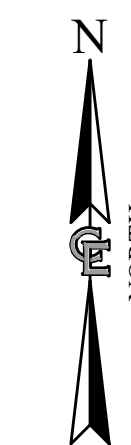
C.E. JOB NUMBER
8776

SHEET NUMBER
CA200

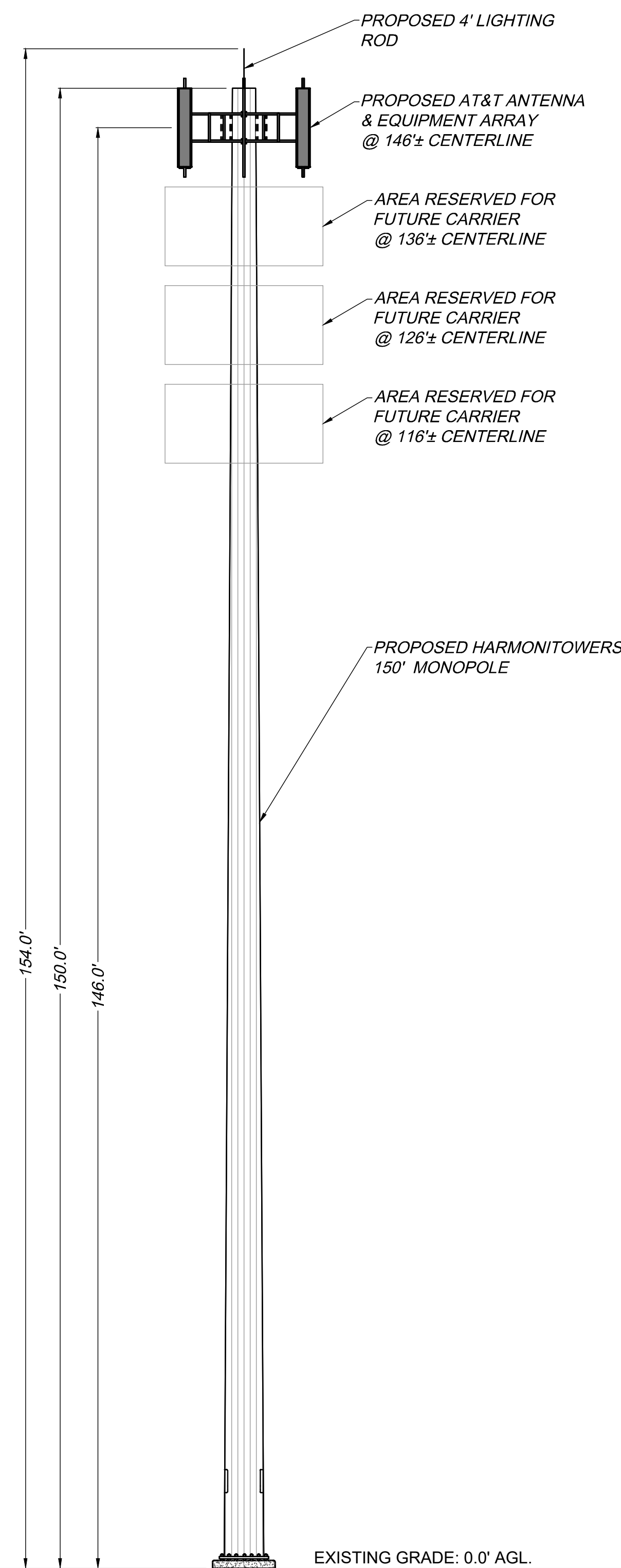
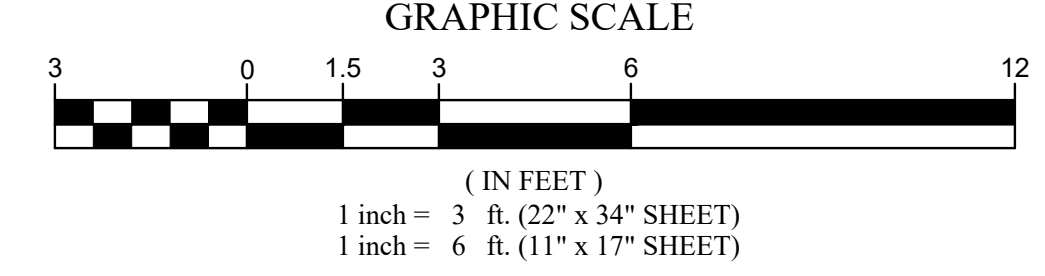
SHEET 10 OF 13



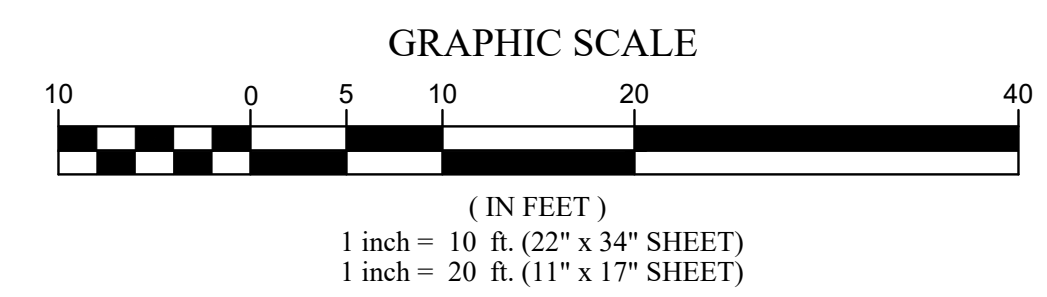
2 CSOFT BOOM MOUNT DETAIL
SCALE: NTS



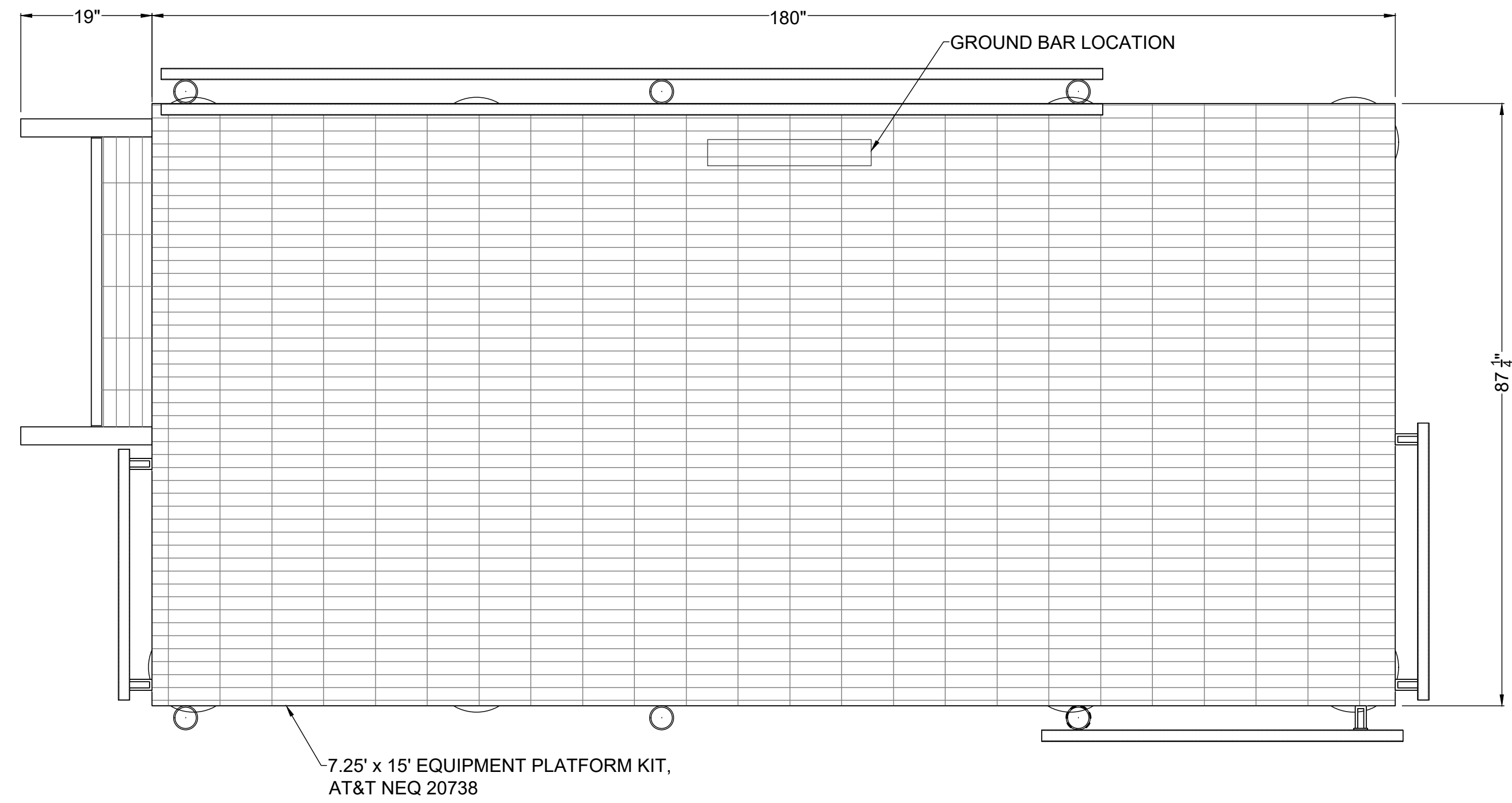
3 ANTENNA ORIENTATION
SCALE: 1" = 3' (22 x 34 SHEET)
1" = 6' (11 x 17 SHEET)



1 TOWER ELEVATION
SCALE: 1" = 10' (22 x 34 SHEET)
1" = 20' (11 x 17 SHEET)



- NOTES:
1. THE TOWER IS TO BE CONSTRUCTED WITH GALVANIZED STEEL, AND DESIGNED AND CONSTRUCTED TO ACCOMMODATE A TOTAL OF FOUR WIRELESS CARRIERS
 2. NO FAA OBSTRUCTION LIGHTING PROPOSED ON THE TOWER UNLESS IT IS REQUIRED BY THE FAA OR THE LOCAL MUNICIPALITY.
 3. ALL REFERENCES TO THE TOWER AND ITS FOUNDATION ARE TO BE DIRECTED TO THE DESIGN AND DETAIL DRAWINGS BY THE TOWER SUPPLIER.
 4. THERE SHALL HAVE NO PERMANENT CLIMBING PEGS WITHIN 15' OF THE GROUND OF ANY TOWER.
 5. PROPOSED ANTENNAS SHALL BE INSTALLED IN ACCORDANCE WITH THE SITE SPECIFIC RF ANTENNA DESIGN SHEET SUPPLIED BY THE RF SYSTEMS ENGINEER.

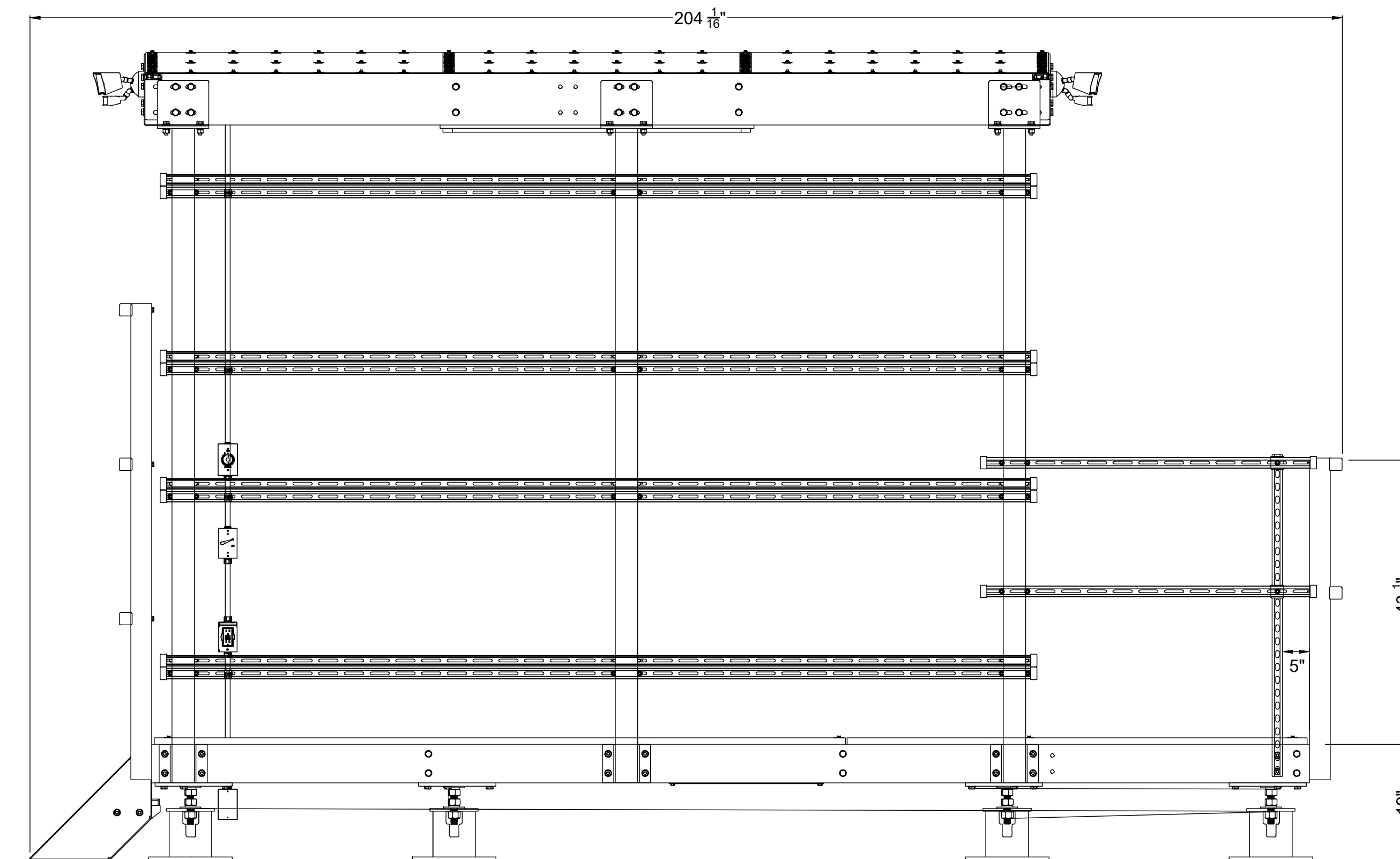


7.25' x 15' EQUIPMENT PLATFORM KIT,
AT&T NEQ 20738

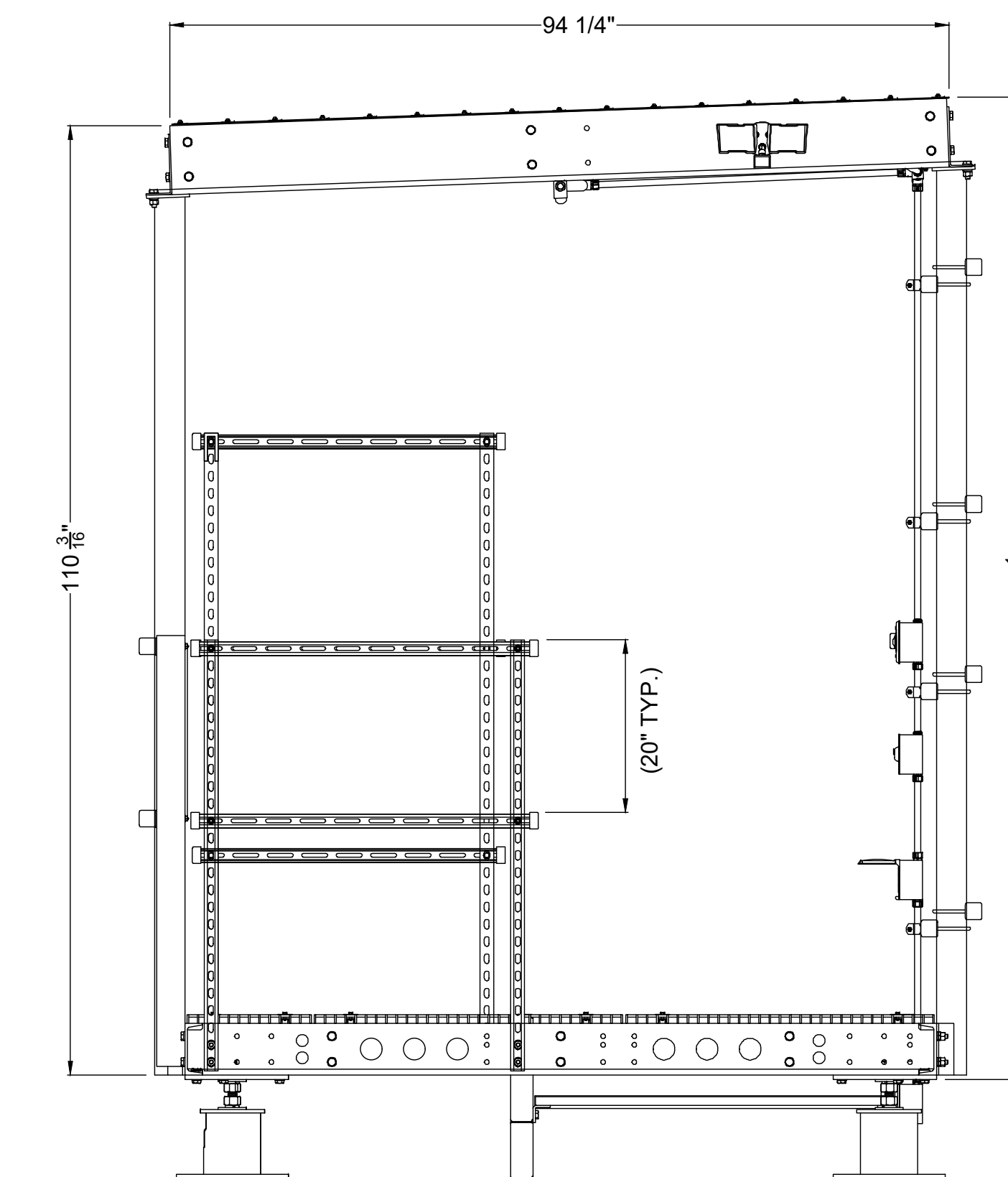
1 PLAN VIEW
CA500 SCALE: NTS

NOTE:
EQUIPMENT PLATFORM AND EQUIPMENT AS SHOWN IS A SCHEMATIC DEPICTION OF PROPOSED EQUIPMENT AND PLATFORM FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR TO REFER TO SITE SPECIFIC PLATFORM AND EQUIPMENT DESIGN AS SUPPLIED BY AT&T.

SITE DETAIL PLAN & PLATFORM/FOUNDATION DETAILS SHALL ACCOUNT FOR EXISTING GRADE WITHIN LEASE AREA. IF EXISTING GRADE IS SLOPED, PROPOSED GRADING AND/ OR PIER REVEALS SHALL BE DESIGNED TO ACHIEVE A LEVEL PLATFORM SURFACE. FINAL GRADING AND FOUNDATION DESIGN SHALL CONSIDER STAIR PLACEMENT WITH THE INTENT THAT THE BOTTOM OF THE STRINGER IS EVEN WITH THE FINISH COMPOUND SURFACE.

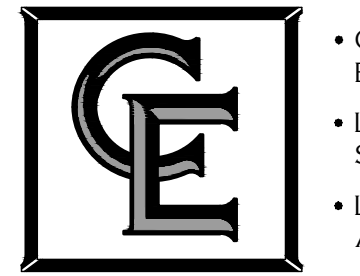


2 FRONT ELEVATION
CA500 SCALE: NTS



3 SIDE ELEVATION
CA500 SCALE: NTS

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11101 ANDERSON DRIVE, SUITE 200
LITTLE ROCK, AR 72212



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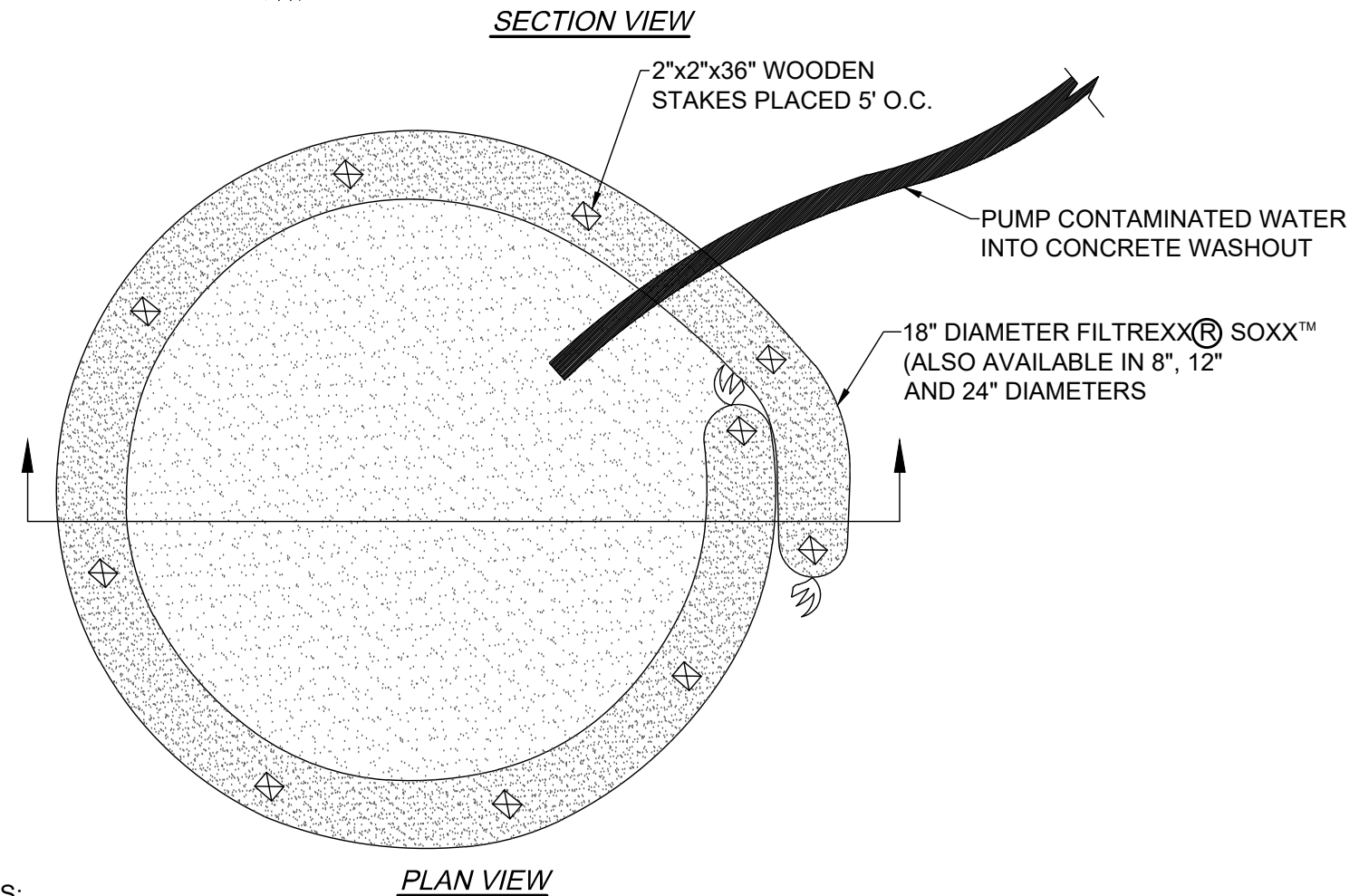
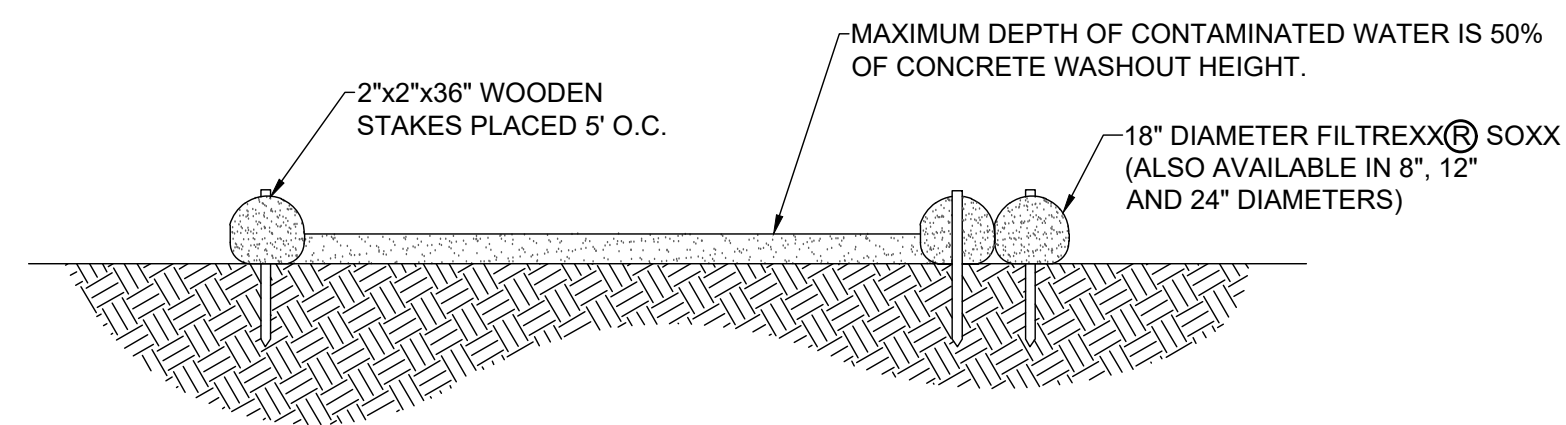
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SITE INFORMATION
CLARENCE
SITE# NY005156

TOWN OF CLARENCE
COUNTY OF ERIE
STATE OF NEW YORK

SHEET TITLE
**EQUIPMENT PLATFORM
DETAILS**

C.E. JOB NUMBER	SHEET NUMBER
8776	CA500
SHEET 11 OF 13	

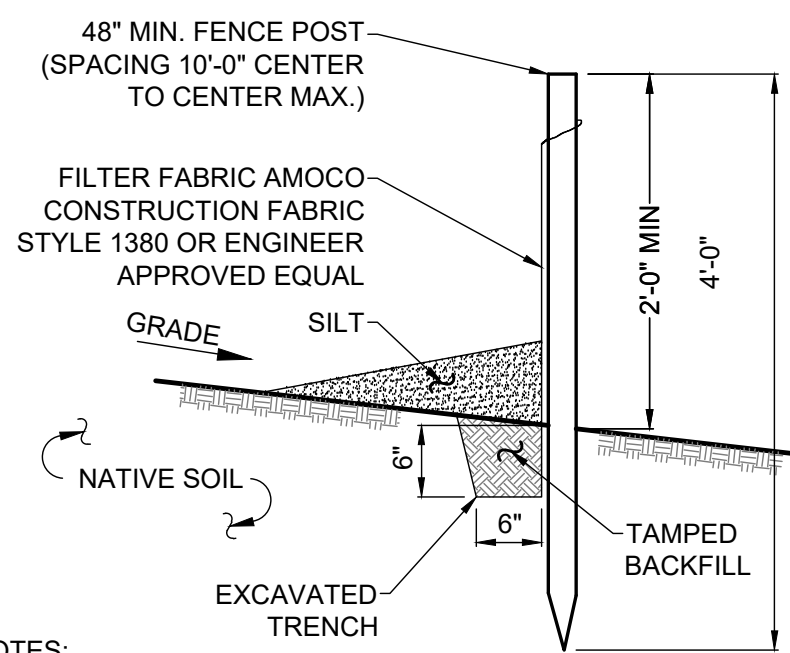


NOTES:
 FOR ANY PROJECT ON WHICH CONCRETE WILL BE POURED OR OTHERWISE FORMED ON SITE, A SUITABLE WASHOUT FACILITY MUST BE PROVIDED FOR THE CLEANING OF CHUTES, MIXERS, AND HOPPERS OF THE DELIVERY VEHICLES UNLESS SUCH A FACILITY WILL BE USED AT THE SOURCE OF THE CONCRETE.

1. UNDER NO CIRCUMSTANCES MAY WASH WATER FROM THESE VEHICLES BE ALLOWED TO ENTER ANY SURFACE WATERS.
2. CONCRETE WASHOUT SHALL BE UNDERLAYED WITH 4 MIL. THICK PLASTIC BUFFER.
3. MAKE SURE THAT PROPER SIGNAGE IS PROVIDED TO DRIVERS SO THAT THEY ARE AWARE OF THE PRESENCE OF WASHOUT FACILITIES.
4. WASHOUT FACILITIES SHOULD NOT BE PLACED WITHIN 50 FEET OF STORM DRAINS, OPEN DITCHES OR SURFACE WATERS.
5. INSTALL ON FLAT GRADE NOT TO EXCEED 2%.
6. CONCRETE WASHOUT MAY BE STACKED IN A PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT AND STABILITY.
7. CONCRETE WASHOUT MAY BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
8. THEY SHOULD BE IN A CONVENIENT LOCATION FOR THE TRUCKS, PREFERABLY NEAR THE PLACE WHERE THE CONCRETE IS BEING POURED.
9. CONCRETE WASHOUT NOT TO BE LESS THAN 6' IN DIAMETER.

1 CONCRETE WASHOUT DETAIL

CA502 SCALE: NTS

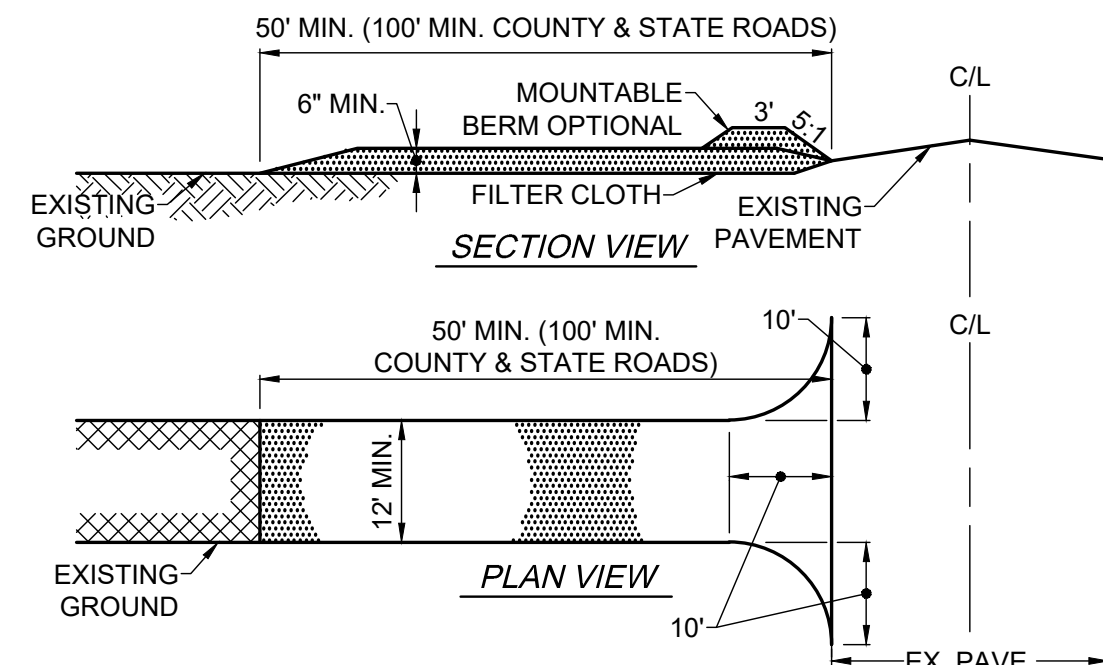


NOTES:

1. SILT FENCE SHALL BE MAINTAINED IN PLACE DURING CONSTRUCTION AND SOIL STABILIZATION PERIOD.
2. CONTRACTOR SHALL CONSTRUCT SILT FENCE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
3. EXCAVATE TRENCH 6" WIDE X 6" DEEP. BURY BOTTOM 12" OF FABRIC AND TAMP IN PLACE.
4. WHEN FENCE IS NO LONGER NEEDED, THE ACCUMULATED SILT, ALL THE POSTS AND FABRIC SHALL BE REMOVED AND TRENCH BACK FILLED WITH TOPSOIL AND SEEDED.

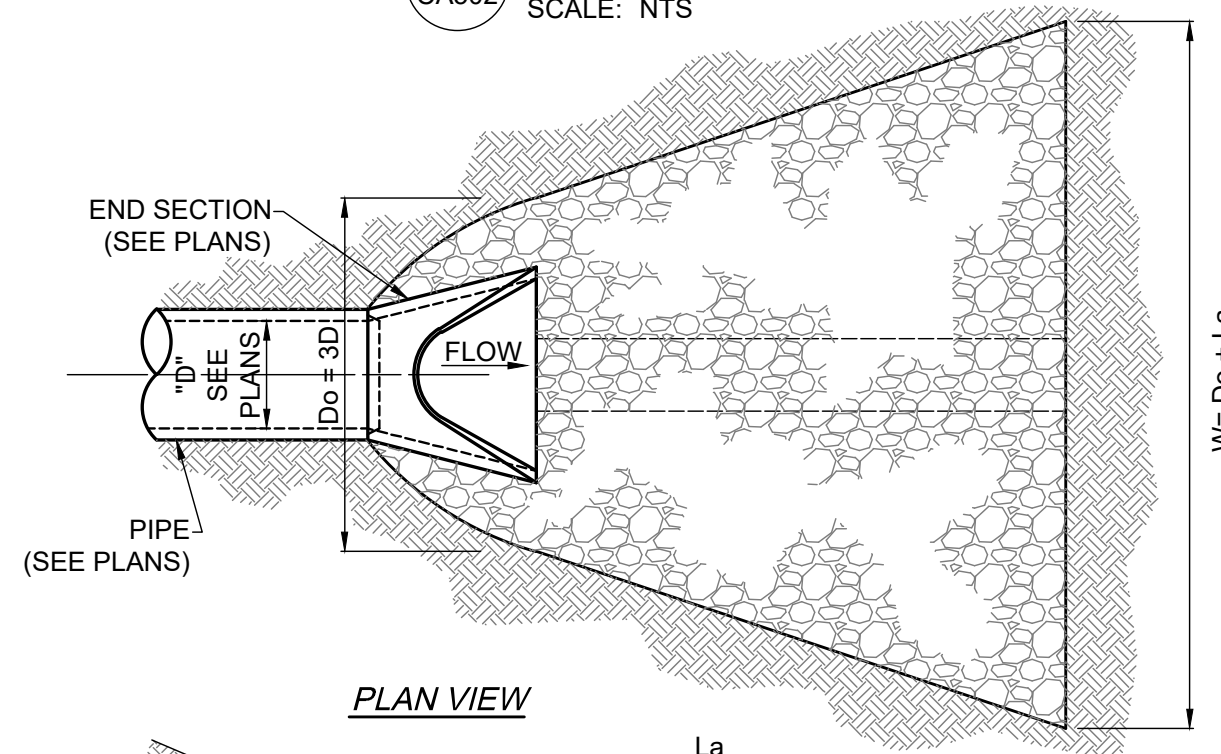
5 SILT FENCE DETAIL

CA502 SCALE: NTS

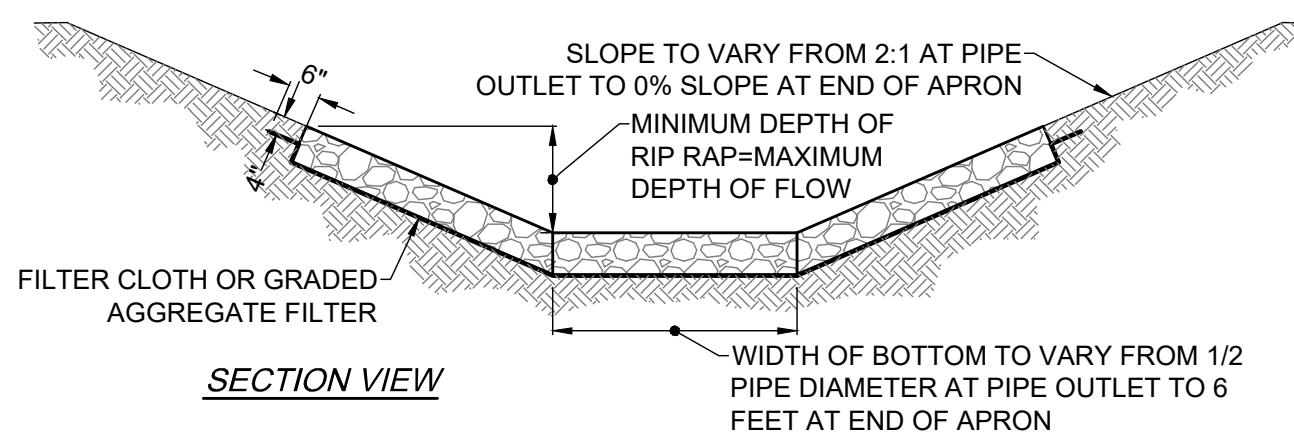
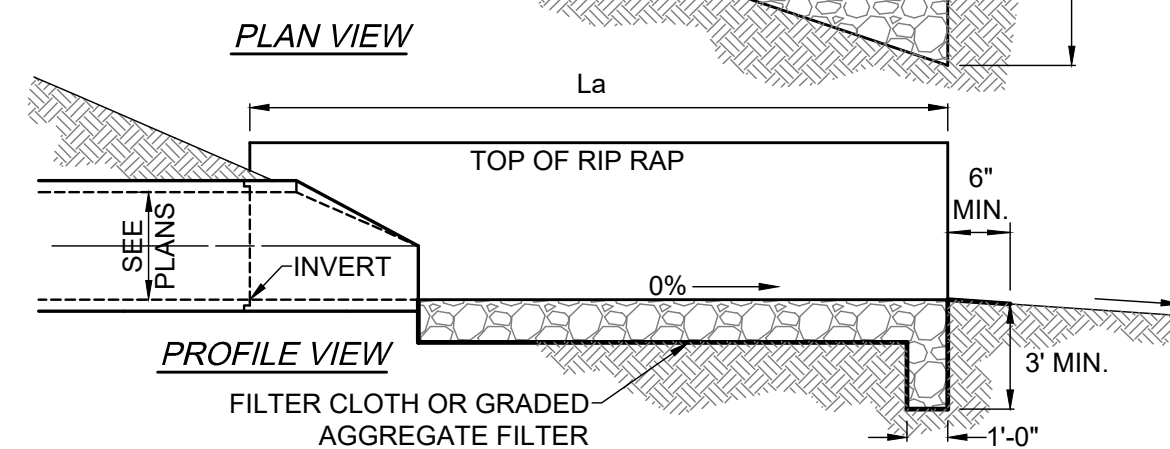


2 STABILIZED CONSTRUCTION ENTRANCE DETAIL

CA502 SCALE: NTS



END SECTION STONE FILLING APRON SCHEDULE					
D (INCHES)	La (FT.)	Do (FT.)	W (FT.)	MINIMUM THICKNESS (INCHES)	NYSDOT ITEM NO.
12	6.0	3.0	9.0	12	820.03 LIGHT

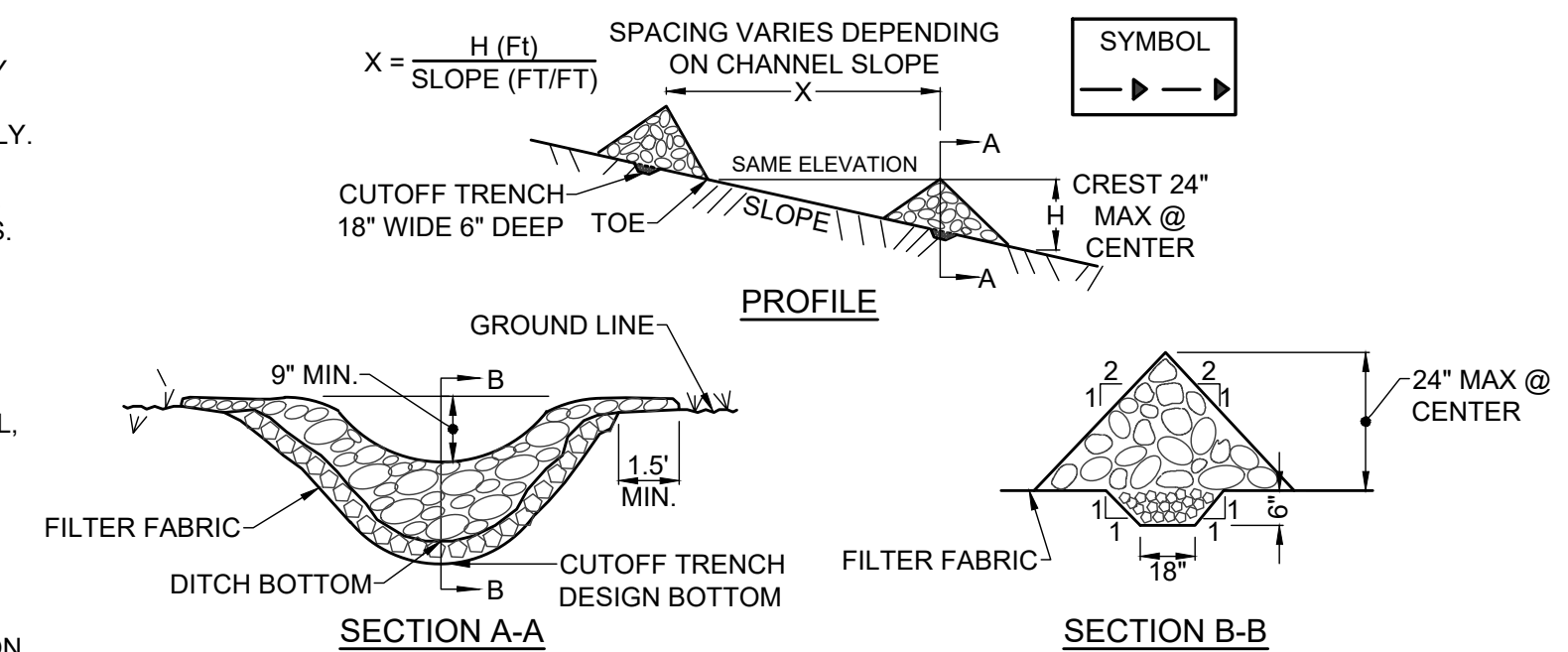


4 OUTLET PROTECTION DETAIL

CA502 SCALE: NTS

CONSTRUCTION SPECIFICATIONS AND NOTES

1. STONE SIZE - USE 1-4" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, (100 FT. MIN. FOR ACCESS TO COUNTY OR STATE ROADS) NOT LESS THAN 50 FT. (EXCEPT ON SINGLE RESIDENCE LOT WHERE A 30 FT. MINIMUM LENGTH SHALL APPLY.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING AND/OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF THE PIPING IS IMPRACTICAL, A MOUNTING BERM WITH 5:1 SLOPES WILL BE PERMITTED. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
7. WASHING - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
8. PERIODIC INSPECTION & NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



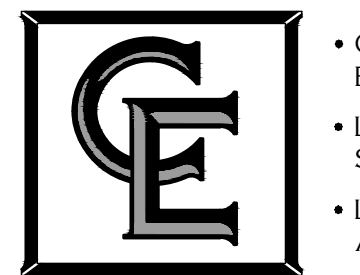
CONSTRUCTION SPECIFICATIONS

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
6. MAXIMUM DRAINAGE AREA 2 ACRES.

3 CHECK DAM DETAIL

CA502 SCALE: NTS

HARMONITOWERS
 11101 ANDERSON DRIVE, SUITE 200
 LITTLE ROCK, AR 72212



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 • LAND SURVEYING
 • LANDSCAPE ARCHITECTURE
 217 LAKE AVENUE
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 (585) 458-3020

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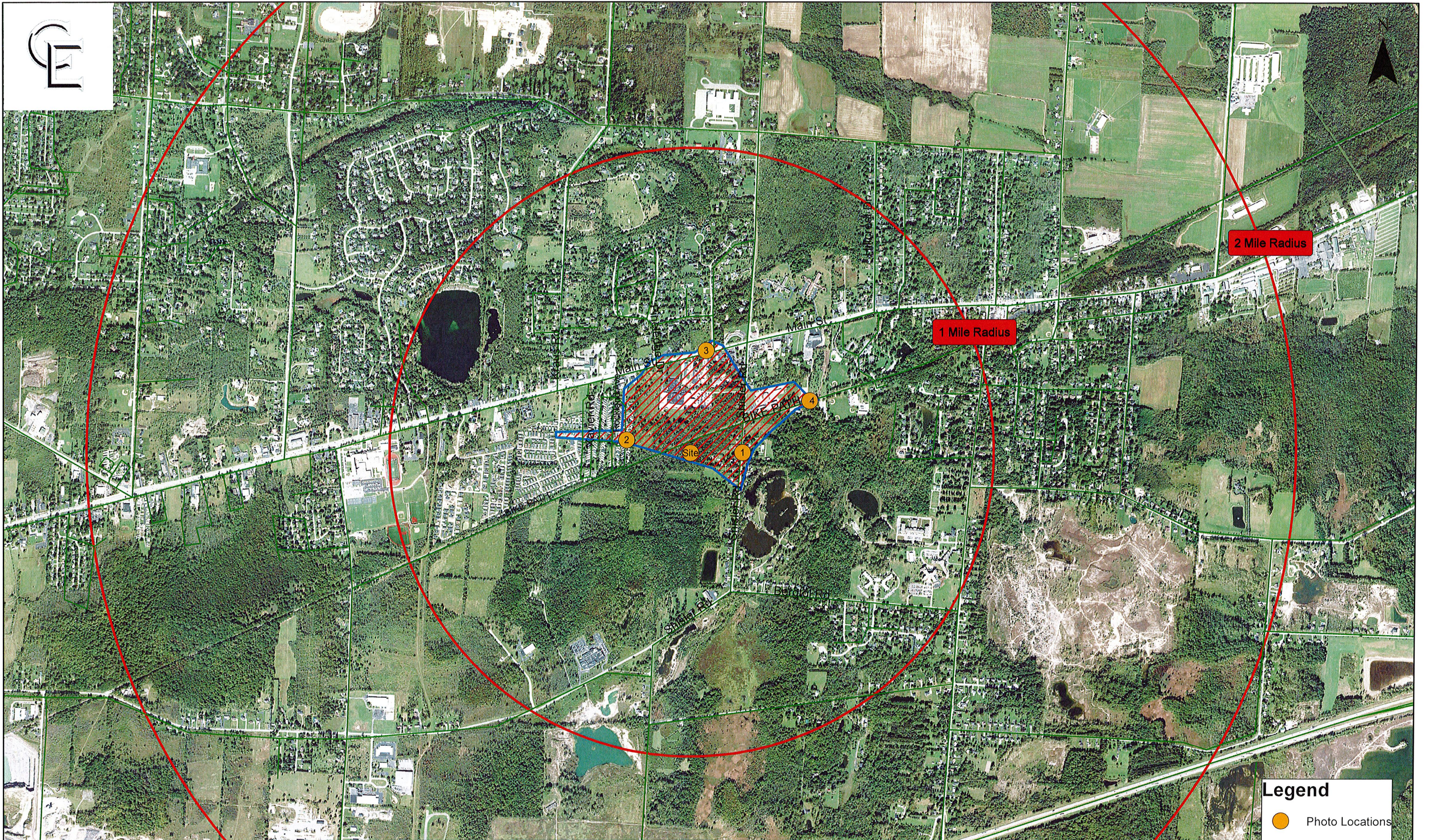
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CLARENCE
 SITE# NY0005156

TOWN OF CLARENCE
 COUNTY OF ERIE
 STATE OF NEW YORK

EROSION CONTROL
 DETAILS





C.E. JOB NUMBER
8776
 SHEET NUMBER
CA502
 SHEET 13 OF 13



2 Mile Radius

1 Mile Radius


Legend

-  Photo Locations
-  Roads
-  Mile Radii
-  Viewshed


6/3/2024
CE# 8776
1,500 750 0 1,500 Feet

Photolog / Viewshed Map
Clarence




 COSTICH	Costich Engineering Land Surveying Landscape Architecture 217 LAKE AVENUE ROCHESTER, NY 14608 (585) 458-3020	PROJECT NAME Clarence	PHOTO DESCRIPTION View towards site balloons at 150' and 170'	DATE OF PHOTO 6/3/2024
		Photo 1	PHOTO LOCATION View W from Shisler Rd. 933' from site	C.E. JOB# 8776
		PHOTO COORDINATES 42° 58' 22.8792" N, 78° 36' 26.6832" W		Project # NY0005156




 COSTICH	Costich Engineering Land Surveying Landscape Architecture 217 LAKE AVENUE ROCHESTER, NY 14608 (585) 458-3020	PROJECT NAME Clarence	PHOTO DESCRIPTION Photosimulation of proposed 150' monopole	DATE OF PHOTO 6/3/2024
		Photo 1	PHOTO LOCATION View W from Shisler Rd. 933' from site	C.E. JOB# 8776
		PHOTO COORDINATES 42° 58' 22.8792" N, 78° 36' 26.6832" W		Project # NY0005156




 COSTICH	Costich Engineering Land Surveying Landscape Architecture 217 LAKE AVENUE ROCHESTER, NY 14608 (585) 458-3020		PROJECT NAME Clarence	PHOTO DESCRIPTION View towards site balloons at 150' and 170'	DATE OF PHOTO 6/3/2024
			Photo 2	PHOTO LOCATION View E from Rockland Ave. 1140' from site	C.E. JOB# 8776
			PHOTO COORDINATES 42° 58' 24.1752" N, 78° 36' 54.0648" W		




 COSTICH	Costich Engineering Land Surveying Landscape Architecture 217 LAKE AVENUE ROCHESTER, NY 14608 (585) 458-3020	PROJECT NAME Clarence	PHOTO DESCRIPTION Photosimulation of proposed 150' monopole	DATE OF PHOTO 6/3/2024
		Photo 2	PHOTO LOCATION View E from Rockland Ave. 1140' from site	C.E. JOB# 8776
		PHOTO COORDINATES 42° 58' 24.1752" N, 78° 36' 54.0648" W		Project # NY0005156




 COSTICH	Costich Engineering Land Surveying Landscape Architecture 217 LAKE AVENUE ROCHESTER, NY 14608 (585) 458-3020		PROJECT NAME Clarence	PHOTO DESCRIPTION View towards site balloons at 150' and 170'	DATE OF PHOTO 6/3/2024
	Photo 3		PHOTO COORDINATES 42° 58' 40.0188" N, 78° 36' 36.3960" W	PHOTO LOCATION View S from Main St. 1830' from site	C.E. JOB# 8776
					Project # NY0005156




 Costich Engineering Land Surveying Landscape Architecture 217 LAKE AVENUE ROCHESTER, NY 14608 (585) 458-3020	PROJECT NAME Clarence	PHOTO DESCRIPTION Photosimulation of proposed 150' monopole	DATE OF PHOTO 6/3/2024
	Photo 3	PHOTO LOCATION View S from Main St. 1830' from site	C.E. JOB# 8776
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 COSTICH	Costich Engineering Land Surveying Landscape Architecture 217 LAKE AVENUE ROCHESTER, NY 14608 (585) 458-3020		PROJECT NAME Clarence	PHOTO DESCRIPTION View towards site balloons at 150' and 170'	DATE OF PHOTO 6/3/2024
	Photo 4		PHOTO LOCATION View SW from Clarence Town Park/bike path 2279' from site	C.E. JOB# 8776	
	PHOTO COORDINATES 42° 58' 32.2644" N, 78° 36' 11.5128" W		Project # NY0005156		



 COSTICH	Costich Engineering Land Surveying Landscape Architecture 217 LAKE AVENUE ROCHESTER, NY 14608 (585) 458-3020	PROJECT NAME Clarence	PHOTO DESCRIPTION Photosimulation of proposed 150' monopole	DATE OF PHOTO 6/3/2024
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May 23, 2024

Michael Wilson
Harmoni Towers
11101 Anderson Drive, Suite 200
Little Rock, AR 72212

RE: Harmoni Towers - Clarence NY0005156 - Tower Design
0 Shisler Road, (Access north of 4630 Shisler Road) Town of Clarence, Erie County

Dear Ms. Jaeckel,

For the Harmoni Towers - Clarence Telecommunications Facility, a 150' monopole tower constructed of galvanized steel, with a 4' lighting rod is proposed. The tower is to be located on a 2.94 acre parcel, to be subdivided and owned by Harmoni Towers. The monopole tower shall be designed to support a total of (4) cellular carriers. The tower shall be designed to support this loading with a 109 mph basic wind speed (no ice) and 2.0" minimum radial ice at 40 mph in accordance with TIA/EIA-222-H, "Structural Standards for Steel Antenna Towers and Antenna Supporting Structures". This is the standard currently referenced by the International Building Code. The tower shall be designed by a licensed New York State Professional Engineer meeting the aforementioned criteria.

The tower is approximately +/- 160' from the closest property line and therefore meets the Town minimum tower setback requirement of tower height.

If you have any questions feel free to contact me.

Respectfully submitted,

Costich Engineering, D.P.C.



David A. Weisenreder, P.E.

H:\job\8776\Documents\Specifications\Zoning materials\Clarence-Shisler Rd_TowerDesignLetter_20240523.docx

CIVIL ENGINEERING • LAND SURVEYING • LANDSCAPE ARCHITECTURE

Costich Engineering, DPC • 217 Lake Avenue • Rochester, New York 14608

Office (585) 458-3020 • Fax (585) 458-2731 • www.costich.com

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer to the initial question is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project:		
Project Location (describe, and attach a general location map):		
Brief Description of Proposed Action (include purpose or need):		
Name of Applicant/Sponsor:		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Project Contact (if not same as sponsor; give name and title/role):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, or Village Board of Trustees <input type="checkbox"/> Yes <input type="checkbox"/> No		
b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input type="checkbox"/> No		
c. City, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
h. Federal agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
i. Coastal Resources. <ul style="list-style-type: none"> <li data-bbox="121 829 1485 861">i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input type="checkbox"/> No <li data-bbox="121 892 1485 924">ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input type="checkbox"/> No <li data-bbox="121 924 1485 955">iii. Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input type="checkbox"/> No 		

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? Yes No

- **If Yes**, complete sections C, F and G.
- **If No**, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? Yes No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) Yes No

If Yes, identify the plan(s):

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? Yes No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. Yes No
If Yes, what is the zoning classification(s) including any applicable overlay district?

b. Is the use permitted or allowed by a special or conditional use permit? Yes No

c. Is a zoning change requested as part of the proposed action? Yes No

If Yes,

i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? _____

b. What police or other public protection forces serve the project site?

c. Which fire protection and emergency medical services serve the project site?

d. What parks serve the project site?

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)?

b. a. Total acreage of the site of the proposed action? _____ acres
b. Total acreage to be physically disturbed? _____ acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ acres

c. Is the proposed action an expansion of an existing project or use? Yes No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? Yes No
If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

ii. Is a cluster/conservation layout proposed? Yes No

iii. Number of lots proposed? _____

iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? Yes No

i. If No, anticipated period of construction: _____ months

ii. If Yes:

- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year

• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? Yes No
 If Yes, show numbers of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? Yes No
 If Yes,

i. Total number of structures _____

ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length

iii. Approximate extent of building space to be heated or cooled: _____ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? Yes No
 If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: Ground water Surface water streams Other specify: _____

iii. If other than water, identify the type of impounded/contained liquids and their source. _____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? Yes No
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
 If Yes:

i. What is the purpose of the excavation or dredging? _____

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____

iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. _____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? Yes No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? Yes No
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will the proposed action cause or result in disturbance to bottom sediments? Yes No

If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? Yes No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? Yes No

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? Yes No

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

iii. Will line extension within an existing district be necessary to supply the project? Yes No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? Yes No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? Yes No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No

If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No

- Do existing sewer lines serve the project site? Yes No
- Will a line extension within an existing district be necessary to serve the project? Yes No

 If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? Yes No
 If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? Yes No
 If Yes:

- How much impervious surface will the project create in relation to total size of project parcel?
 _____ Square feet or _____ acres (impervious surface)
 _____ Square feet or _____ acres (parcel size)
- Describe types of new point sources. _____

- Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

 - If to surface waters, identify receiving water bodies or wetlands: _____

 - Will stormwater runoff flow to adjacent properties? Yes No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? Yes No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? Yes No
 If Yes, identify:

- Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

- Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

- Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? Yes No
 If Yes:

- Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes No
- In addition to emissions as calculated in the application, the project will generate:
 - _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
 - _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
 - _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
 - _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
 - _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflouorocarbons (HFCs)
 - _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? Yes No
 If Yes:
 i. Estimate methane generation in tons/year (metric): _____
 ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? Yes No
 If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? Yes No
 If Yes:
 i. When is the peak traffic expected (Check all that apply): Morning Evening Weekend
 Randomly between hours of _____ to _____.
 ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____
 iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____
 iv. Does the proposed action include any shared use parking? Yes No
 v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____
 vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes No
 vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes No
 viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? Yes No
 If Yes:
 i. Estimate annual electricity demand during operation of the proposed action: _____
 ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____
 iii. Will the proposed action require a new, or an upgrade, to an existing substation? Yes No

l. Hours of operation. Answer all items which apply.
 i. During Construction:
 • Monday - Friday: _____
 • Saturday: _____
 • Sunday: _____
 • Holidays: _____
 ii. During Operations:
 • Monday - Friday: _____
 • Saturday: _____
 • Sunday: _____
 • Holidays: _____

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? Yes No
 If yes:
 i. Provide details including sources, time of day and duration:

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes No
 Describe: _____

n. Will the proposed action have outdoor lighting? Yes No
 If yes:
 i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes No
 Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? Yes No
 If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? Yes No
 If Yes:
 i. Product(s) to be stored _____
 ii. Volume(s) _____ per unit time _____ (e.g., month, year)
 iii. Generally, describe the proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? Yes No
 If Yes:
 i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? Yes No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? Yes No
 If Yes:
 i. Describe any solid waste(s) to be generated during construction or operation of the facility:
 • Construction: _____ tons per _____ (unit of time)
 • Operation : _____ tons per _____ (unit of time)
 ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:
 • Construction: _____

 • Operation: _____

 iii. Proposed disposal methods/facilities for solid waste generated on-site:
 • Construction: _____

 • Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No
 If Yes:
 i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____
 ii. Anticipated rate of disposal/processing:
 • _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
 • _____ Tons/hour, if combustion or thermal treatment
 iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No
 If Yes:
 i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

 ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

 iii. Specify amount to be handled or generated _____ tons/month
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

 v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes No
 If Yes: provide name and location of facility: _____

 If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.
 i. Check all uses that occur on, adjoining and near the project site.
 Urban Industrial Commercial Residential (suburban) Rural (non-farm)
 Forest Agriculture Aquatic Other (specify): _____
 ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces			
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____ _____			

c. Is the project site presently used by members of the community for public recreation? Yes No
i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? Yes No
If Yes,
i. Identify Facilities:

e. Does the project site contain an existing dam? Yes No
If Yes:
i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____
iii. Provide date and summarize results of last inspection:

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? Yes No
If Yes:
i. Has the facility been formally closed? Yes No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? Yes No
If Yes:
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? Yes No
If Yes:
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes No
 Yes – Spills Incidents database Provide DEC ID number(s): _____
 Yes – Environmental Site Remediation database Provide DEC ID number(s): _____
 Neither database
ii. If site has been subject of RCRA corrective activities, describe control measures: _____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No
If yes, provide DEC ID number(s): _____
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

v. Is the project site subject to an institutional control limiting property uses? Yes No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? Yes No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? _____ feet

b. Are there bedrock outcroppings on the project site? Yes No
 If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site: _____ %
 _____ %
 _____ %

d. What is the average depth to the water table on the project site? Average: _____ feet

e. Drainage status of project site soils: Well Drained: _____ % of site
 Moderately Well Drained: _____ % of site
 Poorly Drained _____ % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: _____ % of site
 10-15%: _____ % of site
 15% or greater: _____ % of site

g. Are there any unique geologic features on the project site? Yes No
 If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? Yes No

ii. Do any wetlands or other waterbodies adjoin the project site? Yes No
 If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? Yes No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? Yes No
 If yes, name of impaired water body/bodies and basis for listing as impaired: _____

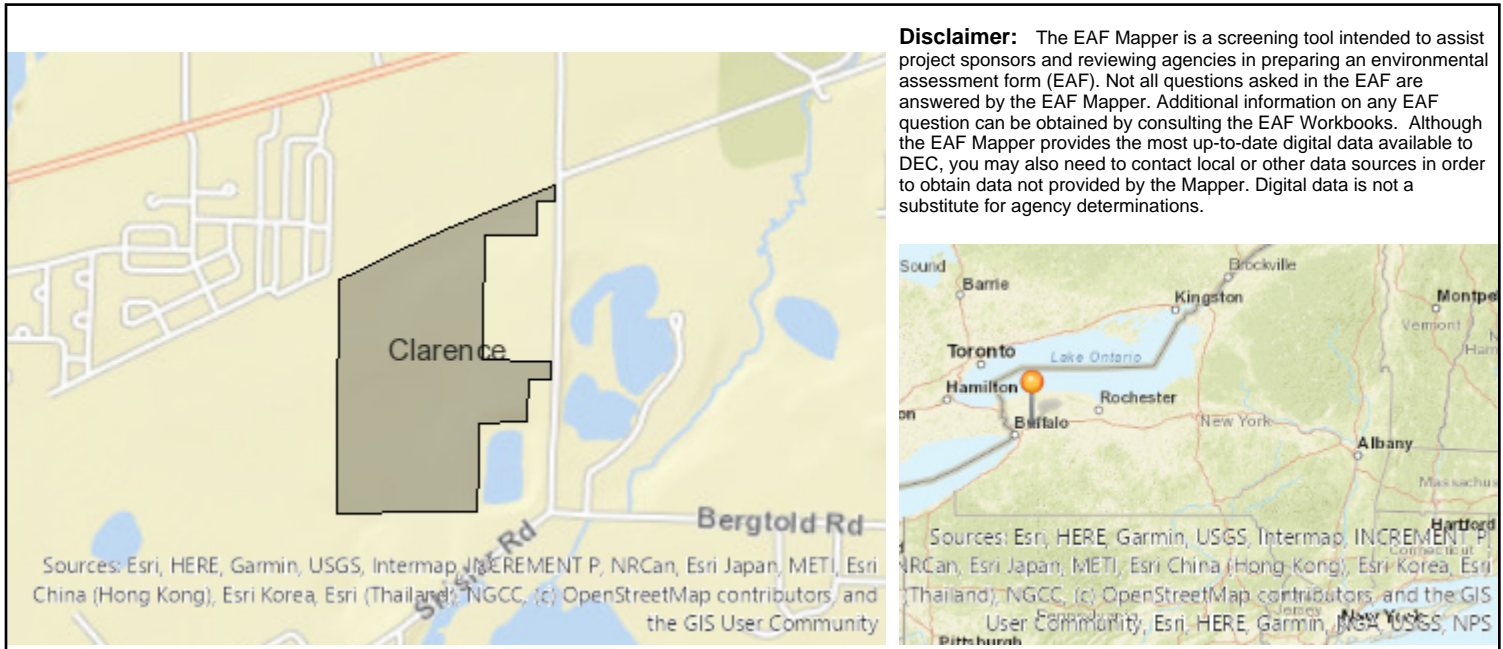
i. Is the project site in a designated Floodway? Yes No

j. Is the project site in the 100-year Floodplain? Yes No

k. Is the project site in the 500-year Floodplain? Yes No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No
 If Yes:
 i. Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site: _____ _____ _____	
n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Describe the habitat/community (composition, function, and basis for designation): _____ _____ <i>ii.</i> Source(s) of description or evaluation: _____ <i>iii.</i> Extent of community/habitat: <ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres 	
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Species and listing (endangered or threatened): _____ _____ _____	
p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Species and listing: _____ _____	
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, give a brief description of how the proposed action may affect that use: _____ _____	
E.3. Designated Public Resources On or Near Project Site	
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, provide county plus district name/number: _____	
b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>i.</i> If Yes: acreage(s) on project site? _____ <i>ii.</i> Source(s) of soil rating(s): _____	
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature <i>ii.</i> Provide brief description of landmark, including values behind designation and approximate size/extent: _____ _____ _____	
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> CEA name: _____ <i>ii.</i> Basis for designation: _____ <i>iii.</i> Designating agency and date: _____	



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas:West Erie Canal Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	915243
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters, NYS Wetland
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres):117.5
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	CL-3
E.2.h.v [Impaired Water Bodies]	No

E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Pied-billed Grebe
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No