



U.S. Army Corps
of Engineers
Buffalo District
CELRB-ORR-N

Public Notice

Applicant: Micron New York
Semiconductor
Manufacturing LLC (Micron)

Published: May 30, 2024
Expires: July 1, 2024
Extended to: July 31, 2024

Application No: LRB-2000-02198
Section: NY

All written comments should reference the above Application No. and be addressed to:
US Army Corps of Engineers, Buffalo District
Attn: Margaret Crawford
7413 County House Road
Auburn, New York 13021
celrb-micron.public.comments@usace.army.mil

THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC REGARDING THE WORK DESCRIBED BELOW. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.

**Application for Permit under Authority of
Section 404 of the Clean Water Act (33 U.S.C. 1344)**

APPLICANT: Micron New York Semiconductor Manufacturing LLC (Micron)

WATERWAY & LOCATION: The project would impact multiple wetlands and streams located at the White Pine Commerce Park, off of Route 31, Burnet Road and Caughdenoy Road, in the Town of Clay, Onondaga County, New York.

LATITUDE & LONGITUDE: Latitude: 43.1902
Longitude: -76.15556

EXISTING CONDITIONS: The Micron Campus Site is located northeast of the intersection of NYS Route 31 and Caughdenoy Road in the Town of Clay, Onondaga County, New York. The Micron Campus Site is approximately 7 miles north of the City of Syracuse. The Site is generally bounded by NYS Route 31 to the south; Caughdenoy Road and an active rail line (CSX) to the west; the Clay-Cicero town line and NYS Route 11 to the east; and undeveloped and agricultural properties to the north. The Site is partially bisected east to west by Burnet Road. A major overhead electric utility corridor (right-of-way), occupied by National Grid and NYS Power Authority high voltage electric lines, occurs on the northern portion of the site and is generally

oriented west to east, and a municipal water main (Onondaga County Water Authority) and accompanying right-of-way occurs on the southern portion of the Site and is generally oriented west to east. There are several residential buildings (many already vacant) on the Project Site that have been and/or will be demolished in advance of the project. Residential properties are located on the Project Site along Caughdenoy, NYS Route 31 and Burnet Road. The proposed Main Campus Site is approximately 1,400 acres in size. The site is gently sloping, with elevations ranging from approximately 425 feet above mean sea level (msl) in the southeastern portion of the site to approximately 380 feet above msl in the northwestern part of the site (i.e., net drainage is generally to the north). The Site is predominantly undeveloped consisting of old inactive and recently inactive agricultural land; successional scrub-shrub and woods; mature deciduous and evergreen forest; and mixed wetland habitats.

Description of delineation of waters of the US: The U.S. Army Corps of Engineers (USACE) has verified the wetland delineation and issued Jurisdictional Determinations for the main campus and rail spur sites, with the exception of three (3) privately-owned parcels totaling 21.31 acres located off of Burnet Road which is currently in-progress. A total of 408.62 acres of federally jurisdictional wetland was delineated on the main campus, consisting of 223 acres of emergent wetland, 30.34 acres of scrub / shrub wetland, 153.59 acres of forested wetland, and 1.69 acres of open water. A total of 8,712 linear feet of stream was also delineated on the main campus. A total of 17.27 acres of jurisdictional wetland was delineated on the 36.9-acre rail spur site, consisting of 0.4 acres of open water, 0.26 acres of scrub / shrub and 16.61 acres of forested wetland.

PROPOSED WORK: Micron proposes to discharge fill material into wetlands and streams for the construction of a semiconductor manufacturing facility. The project entails the following:

1. Permanent loss of 188.21 acres of federally regulated wetland and 6,716 linear feet of federally regulated stream to construct a semiconductor manufacturing campus (referred to as Main Campus).
2. Permanent loss of 15.96 acres of federally regulated wetland for the construction of a rail spur on the west side of Caughdenoy Road to support the delivery of materials used for construction and operation of the Micron Campus.
3. The construction of a Family Care / Healthcare Center facility on a 30.2-acre parcel located off of Caughdenoy Road approximately one (1) mile north of the proposed Main Campus. No impacts are proposed to federally regulated wetlands or streams for this part of the project. USACE is in the process of reviewing this wetland delineation to confirm.
4. Utilities and off-site improvements: Off-site energy, telecommunications, water, and wastewater utility improvements as well as transportation improvements will also be required to serve the proposed project. USACE permits required for these aspects of the project will be applied for separately by the individual utility companies.

The Main Campus would consist of four Memory Fabrication facilities, which would be built over an approximately 20-year period. Each Fab is expected to cover approximately 1.2 million square feet (sf) of land and contain approximately 600,000 sf of clean room space, 290,000 sf of clean room support space, and 250,000 sf of administrative space. Fab construction will be grouped into two phases with each phase comprising two Fabs. Each two-Fab phase would be supported by a 360,000 square-foot central utility building, 200,000 sf of warehouse, and

200,000 sf of product testing space housed in separate buildings. The Main Campus would also include the following: electrical substation and duct bank (National Grid is coordinating the application for impacts proposed at the substation), natural gas meter station, central utility buildings, water and wastewater pre-treatment and storage, industrial gas and material storage areas, access / egress, including access to NYS Route 11, parking, wastewater pump station, stormwater management, offices, green areas (landscaping), and material staging and laydown areas.

PROJECT PURPOSE:

Basic: The Basic Project Purpose is microchip fabrication.

Overall: The Overall Project Purpose as defined by the applicant is to construct and operate four state-of-the-art, advanced semiconductor fabrication facilities (“Fabs”), on a single, unified site in New York State to efficiently meet market demand and ensure competitiveness in the worldwide semiconductor market. The Project also seeks to fulfill U.S. national security objectives as set forth in the William M. (Mac) Thornberry National Defense Authorization Act (“NDAA”) of 2021 and the Creating Helpful Incentives to Produce Semiconductors (“CHIPS”) and Science Act of 2022 (“CHIPS Act”) as well as the economic objectives outlined in New York State’s “Green CHIPS” Program, which further seeks to incentivize semiconductor manufacturing and economic development in New York State in an environmentally-sustainable manner.

Water Dependency Determination: The activity does not require access or proximity to or siting within a special aquatic site to fulfill its basic purpose. Therefore, the proposed project is not a water dependent activity. Therefore, it is presumed that practicable alternatives exist that are less environmentally damaging. It is the applicant’s responsibility to demonstrate that there are no alternate sites that are less environmentally damaging that would allow the applicant to accomplish their project purpose.

ALTERNATIVES ANALYSIS:

No Action: The no action alternative would result in no environmental impacts but isn’t a viable option as this would not fulfill the project purpose and the market need for a semiconductor fabrication facility as indicated by the applicant.

Off-site Alternatives: The applicant prepared a Section 404(b)(1) alternatives analysis to evaluate several off-site and on-site alternatives considered to the proposed project. Micron took the extensive site evaluation process that had been initiated by NYS and Onondaga County over twenty years ago that was then adapted, updated and advanced to present needs, to then identify the preferred development site. Micron’s site selection and evaluation process followed a structured approach that involved the elimination of sites that could not meet specific Project prerequisites. Minimum parcel size and infrastructure requirements were considered alongside additional site selection factors such as transportation accessibility, workforce development, time-to-market (permitting and approvability), climate-related risks, place enhancement (livability), advanced manufacturing ecosystem (including the supply chain), and availability of incentives, among various other technical and socioeconomic factors.

On-site alternatives and avoidance and minimization information: Micron has indicated that the footprint of the proposed facility has been compressed, noting that while the White Pine Site is 1,400 acres in size, Micron indicated they typically need approximately 1,500 acres to avoid cramping of buildings and infrastructure. Noting the extent of offsite wetlands in areas adjacent to the White Pine Site, Micron elected to not attempt to expand past the White Pine footprint. Additionally, Micron avoided any substantially proposed development in the extensive wetland areas under and north of the National Grid transmission right-of-way. Approximately 218 acres of wetland would be avoided and protected. In addition, Micron proposes underground parking below the onsite buildings to reduce project footprint and impacts to federally regulated waters. The proposed project avoids impacts to perennial streams.

PROPOSED MITIGATION: To compensate for proposed impacts to regulated wetlands (204.17 acres of wetland, including 95.19 acres of emergent, 87.91 acres of forested, 18.98 acres of scrub shrub and 2.09 acres of open water) and streams (6,716 linear feet, including 3,698 linear feet of ephemeral and 3,018 linear feet of intermittent streams), the applicant is working with The Wetland Trust to develop and implement a permittee-responsible off-site wetland mitigation plan. The properties that would be used for mitigation would be located within the 12-digit HUC (041402020905) for the site, to the extent possible. A detailed plan has not yet been developed.

Location and details of the above-described work are shown on the attached maps and drawings.

Please note that as of April 5, 2024, the Department of Commerce has assumed the lead agency role for the review and preparation of the Micron Environmental Impact Statement (EIS), pursuant to funding sought through the CHIPS Act. USACE is now serving as a cooperating agency with the Department of Commerce in the review and preparation of the EIS. The comments that USACE received during the scoping process, including written comments and oral comments presented at the scoping meeting, were provided to the Department of Commerce and will be addressed through the federal EIS review.

Comments or questions pertaining to the work described in this notice should reference the Application Number (LRB-2000-02198) and be directed to the attention of Margaret Crawford who can be contacted at the above address, by calling (315) 835-0058. Individuals who would like to provide comments electronically should submit comments by email to: celrb-micron.public.comments@usace.army.mil. A lack of response will be interpreted as meaning that there is no objection to the work as proposed.

The following authorization is required for this project:

Water Quality Certification (or waiver thereof) from the New York State Department of Environmental Conservation.

Pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the Department of Commerce is the lead federal agency, and is consulting with the U.S. Fish and Wildlife Service to evaluate any potential impacts to listed and proposed threatened or endangered species, or

their critical habitat and to ensure that the proposed activity is not likely to jeopardize their continued existence or result in the destruction or adverse modification of critical habitat.

In addition, pursuant to Section 106 of the National Historic Preservation Act, the Department of Commerce is the lead federal agency consulting with the New York State Office of Parks, Recreation and Historic Preservation as well as potentially affected Tribal Nations.

This notice is promulgated in accordance with Title 33, Code of Federal Regulations, parts 320-330. Any interested party desiring to comment on the work described herein may do so by submitting their comments, in writing, so that they are received no later than 4:30 pm on the expiration date of this notice.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments will be made a part of the administrative record which is available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site.

Any individual may request a public hearing by submitting their written request, stating the specific reasons for holding a hearing, in the same manner and time period as other comments. Public hearings for the purposes of the Corps permit program will be held when the District Commander determines he can obtain additional information, not available in written comments, that will aid him in the decision making process for this application. A Corps hearing is not a source of information for the general public, nor a forum for the resolution of issues or conflicting points of view (witnesses are not sworn and cross examination is prohibited). Hearings will not be held to obtain information on issues unrelated to the work requiring a permit, such as property ownership, neighbor disputes, or the behavior or actions of the public or applicant on upland property not regulated by the Department of the Army. Information obtained from a public hearing is given no greater weight than that obtained from written comments. Therefore, you should not fail to make timely written comments because a hearing might be held.

The decision to approve or deny this permit request will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the

impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

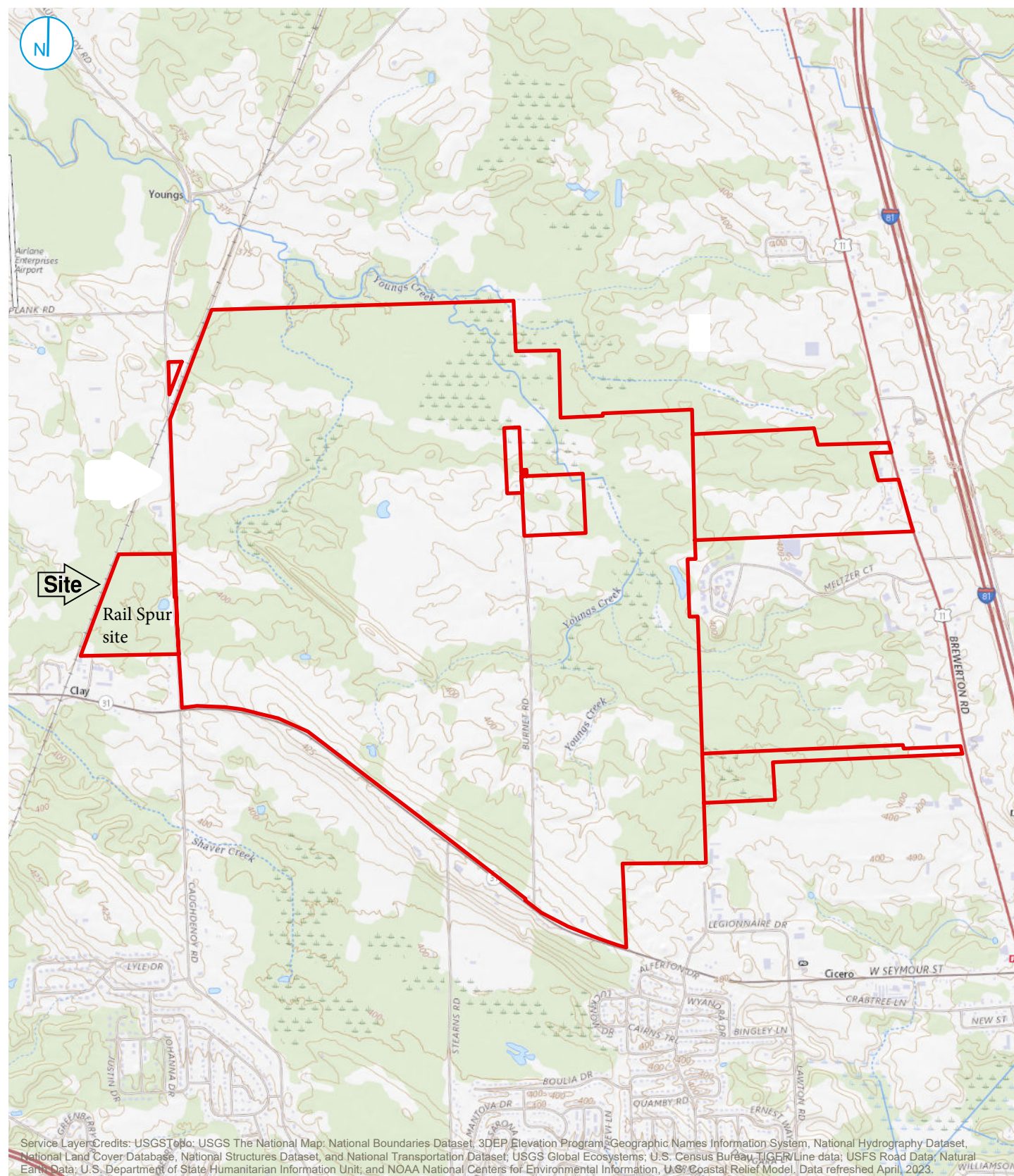
SIGNED

Steven V. Metivier
Chief, Regulatory Branch

NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for **30** days from the date of issuance.

C:\Users\SSOULE\OneDrive - Ramboll\Desktop\Projects\Micron\PRO\White_Pine_Micron.aprx\Figure_01-Site_Location

PROJECT: 1940071270 | DATED: 1/4/2024 | DESIGNER: SSOULE



Map Scale: 1:24,000 | Map Center: 76°8'53"W 43°11'26"N



KEY MAP (not to scale)

0 1,000 2,000 Feet

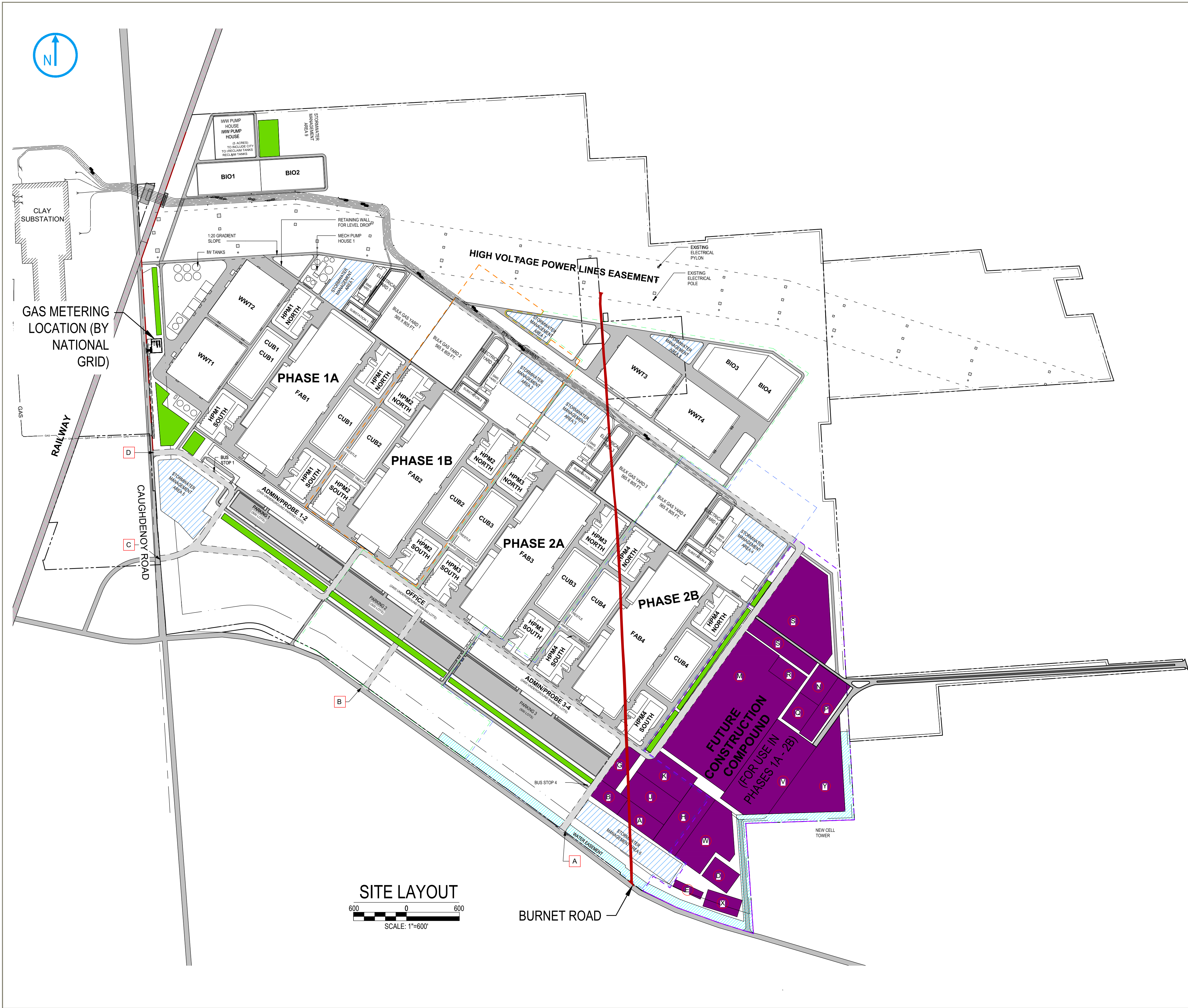
SITE LOCATION

FIGURE 01

**Micron Semiconductor
Fabrication Facility**
Clay, New York

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL



FEATURES LEGEND

- PHASE 1A LAYDOWN AREA
- PHASE 1B FEATURE BOUNDARY
- PHASE 1B LAYDOWN AREA
- PHASE 2A FEATURE BOUNDARY
- PHASE 2A LAYDOWN AREA
- PHASE 2B FEATURE BOUNDARY
- FUTURE CONSTRUCTION COMPOUND AREA (IN USE FROM PHASE 1A TO 2B)
- BURNET ROAD APPROXIMATE LOCATION

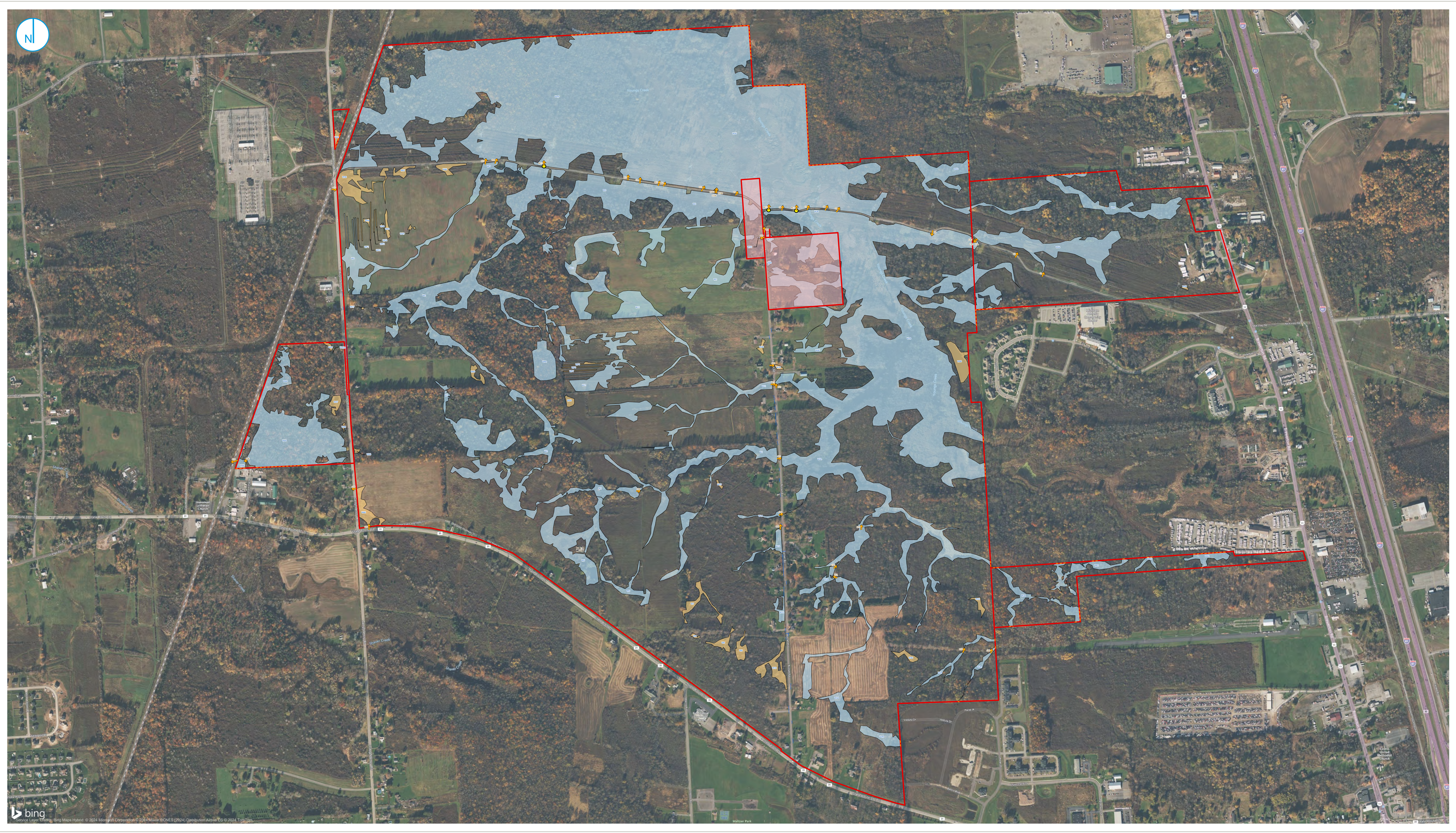
CONSTRUCTION LAYDOWN LEGEND		
Mark	Description	Area (SF)
	CENTRAL TRASH 2	79,213
	AIR LIQUID GAS LAYDOWN AREA	447,017
	TRUSS ASSEMBLY AND PAINT	581,849
	CRUSHER AREA	485,204
	SITE TOPSOIL & MATERIAL STOCKPILE- PH1	836,763
A	WORKER REST AREA + DROP OFF	106,472
B	SITE OFFICE + CAFETERIA	86,138
C	NORTH TRADE PARKING	521,560
D	CONTRACTOR OFFICES + TOILET BLOCK	89,148
E	TEMPORARY UTILITIES (WATER, SANITARY, ELECTRIC, COMMUNICATION)	28,885
F	SOUTH PARKING LOT	1,074,364
G	C04A LAYDOWN	109,047
H	C04A REBAR LAYDOWN	240,328
J	RENTAL EQUIPMENT	188,496
K	S01A LAYDOWN	205,031
L	BATCH PLANT	411,277
M	PRE-CAST HOLDING AREA	1,445,678
N	C04B LAYDOWN	99,514
P	IPCO LAYDOWN	131,224
Q	HPM STR BKFL STOCKPILE	93,153
T	WATER SWELL	641,796
W	STR STEEL	305,306
X	CENTRAL TRASH 1	80,121
Grand total		8,287,583

SITE LAYOUT

FIGURE 1

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PROJECT: 1950100716-001 | DATED: 5/22/2024 | DESIGNER: SSOULE



- Rock Crossing
- Culvert Flow Direction
- Culverts
- USACE Jurisdictional Wetland
- USACE Non-Jurisdictional Wetland
- Jurisdictional Determination Pending
- Wetland Extends Beyond Site Boundary
- Site Boundary / Limits of JD Request

Notes

- W6a represents an UPL/WET mosaic area (15% WET).
- Jurisdiction based on USACE determination letters dated February 12, 2024 and May 17, 2024.
- Total USACE jurisdictional wetlands: 416.53 AC
- Total USACE non-jurisdictional wetlands: 13.84 AC
- Total USACE uncertain jurisdictional wetlands: 9.37 AC

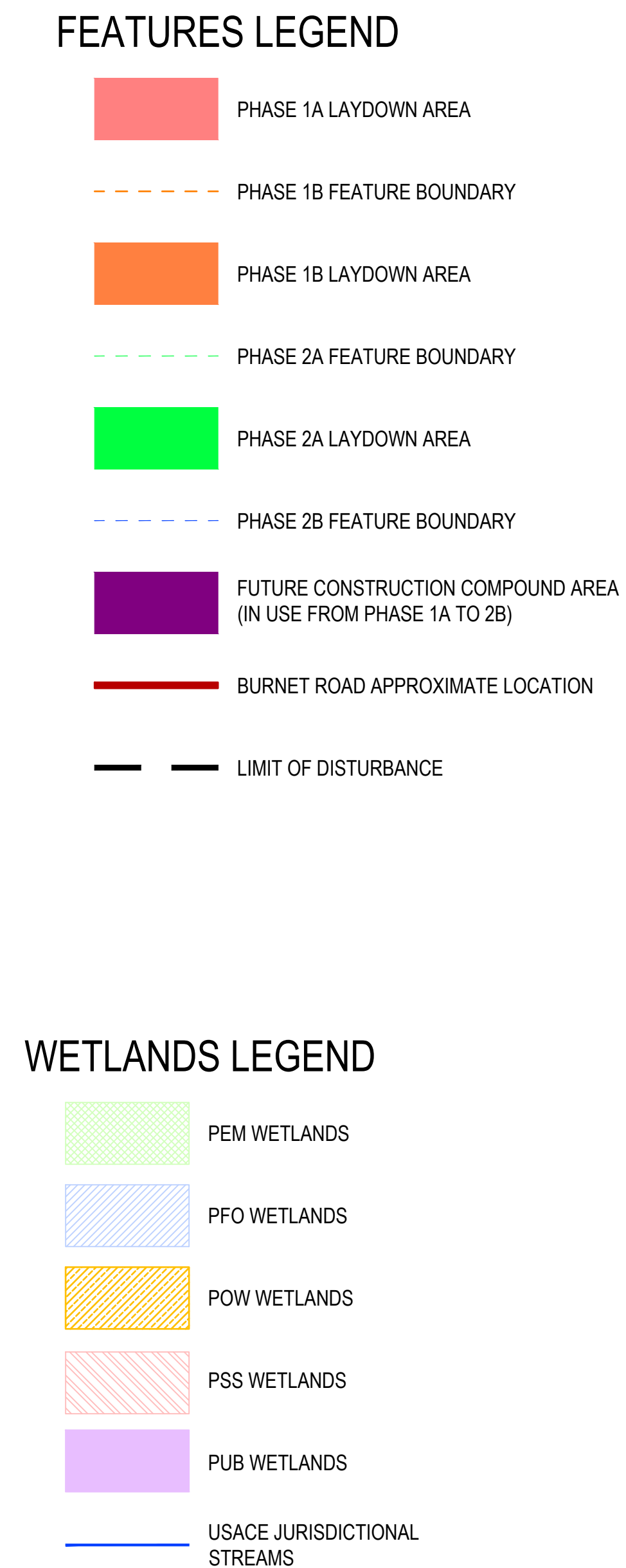
USACE WETLANDS JD OVERVIEW

FIGURE 2

Micron Semiconductor Fabrication Facility
Clay, New York

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



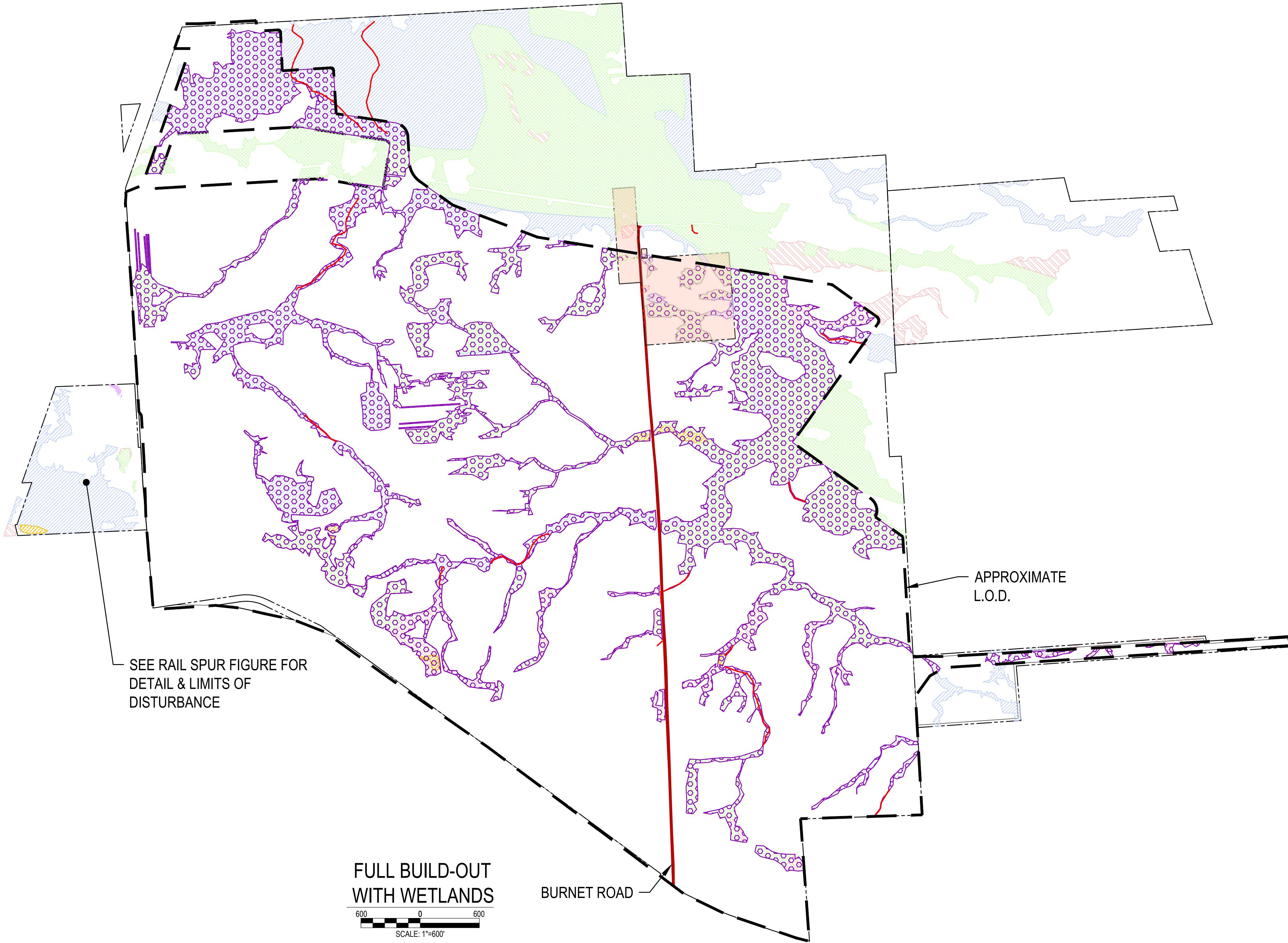
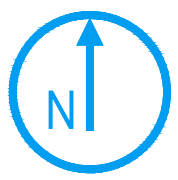


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DESIGNER: ASTERING

DATED: 5/22/2024

PROJECT: ###



FEATURES LEGEND

- BURNET ROAD APPROXIMATE LOCATION
- LIMIT OF DISTURBANCE

WETLANDS LEGEND

- PEM WETLANDS
- PFO WETLANDS
- POW WETLANDS
- PSS WETLANDS
- PUB WETLANDS
- JURISDICTIONAL DETERMINATION PENDING
- WETLANDS DISTURBED BY PROJECT
- USACE JURISDICTIONAL STREAMS

TABLE OF WETLAND DISTURBANCE AREAS - MAIN SITE		
WETLAND ID/COWARDIN CLASSIFICATION	FEDERAL JURISDICTIONAL ACREAGE	ENCROACHMENT ACREAGE
W1_PEM	5.75	5.75
W1_PFO	10.55	10.55
W1_POW	0.03	0.03
W1_PSS	2.01	2.01
W2_PEM	12.35	5.59
W2_PSS	0.33	0.00
W2_PFO	25.66	21.16
W2_POW	0.19	0.19
W3_PEM	5.47	4.63
W3_PFO	0.49	0.49
W5_PEM	2.39	2.39
W5_PFO	0.21	0.21
W5_POW	0.31	0.31
W5_PSS	4.84	4.84
W6a_PFO	0.38	0.38
W11_PEM	17.57	17.57
W11_PFO	1.32	1.32
W11_POW	0.24	0.24
W11_PSS	0.07	0.07
W12_PEM	0.20	0.20
W12_PSS	0.30	0.30
W13_PEM	0.43	0.43
W13_PSS	0.38	0.38
W14_PSS	0.35	0.35
W26_PEM	0.81	0.81
W26_PSS	0.49	0.49
W28_PFO	0.49	0.49
W29_PFO	1.08	1.08
W34_PEM	77.37	54.33
W34_PFO	15.17	10.57
W34_POW	0.93	0.93
W34_PSS	16.24	9.31
W35_PEM	92.77	2.40
W35_PFO	87.33	25.48
W35_PSS	1.77	0.00
W40_PEM	0.88	0.88
W53_PEM	0.35	0.00
W53_PFO	4.43	0.00
W54_PEM	6.45	0.00
W54_PSS	1.81	0.00
W55_PFO	4.71	0.00
W61_PFO	1.62	0.73
W61_PSS	0.36	0.29
W62_PSS	0.98	0.39
W63_PSS	0.33	0.21
W69_PSS	0.07	0.07
W70_PEM	0.18	0.18
W70_PFO	0.15	0.15
W71_PEM	0.02	0.02
Totals:	408.62	188.21

APPROXIMATE LINES OF DISTURBANCE
FULL BUILD-OUT WITH WETLANDS SHOWN

MICRON CAMPUS
TOWN OF CLAY
ONONDAGA COUNTY, NEW YORK

FIGURE 5

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





PRELIMINARY
NOT FOR
CONSTRUCTION
DATE: 04/12/2024

IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS ACTING UNDER THE DIRECTION OF A
LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED
WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR TO DETERMINE THE ACTUAL SIZE.
DRAWING IS NOT SCALABLE IF NO SCALE BAR IS PRESENT.

CLIENT
MICRON

NO.	DATE	REVISION	INT.
A	04/12/2024	60% DESIGN	MCP

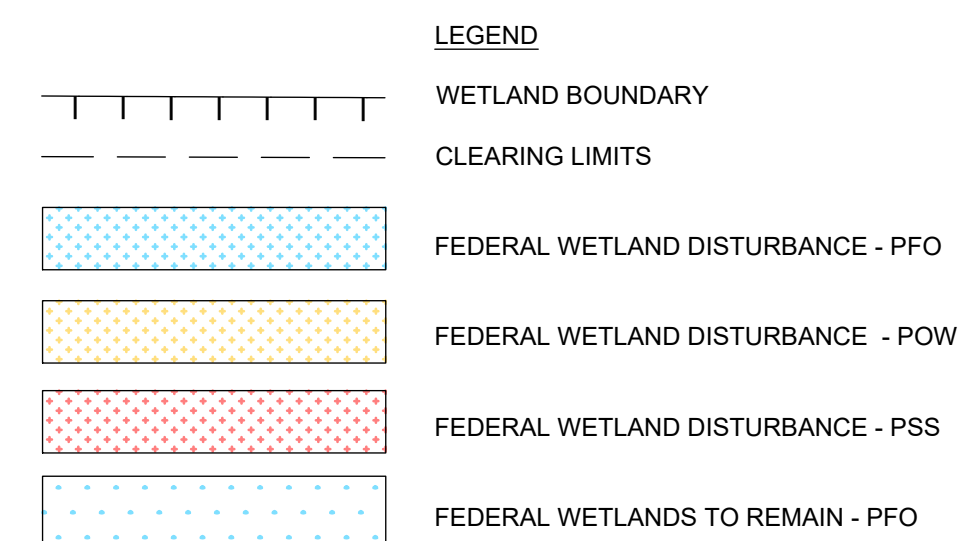
DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE
MARK C. PARRISH, PE
DESIGNED BY
M. PARRISH
CHECKED BY
Z. HENDERSON
DRAWN BY
C. ERICKSON

PROJECT
RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.
333 W. WASHINGTON STREET, SYRACUSE, NY 13202
315-956-6100
PROJECT NO.
1950100687
DATE

PROJECT
RAIL SPUR AND AGGREGATE
CONVEYANCE/STOCKPILE FACILITIES
ADDRESS
TOWN OF CLAY, NEW YORK

SHEET DESCRIPTION
SITE PLAN

FIG-6



WETLAND ID/ COWARDIN CLASS.	FEDERAL JURISDICTIONAL ACREAGE	ENCROACHMENT ACREAGE
W42-PUB	-	-
W42A-PUB	-	-
W47-PEM	-	-
W47-PFO	-	-
W48-PEM	-	-
W49-PFO	16.61	15.30
W49-POW	0.40	0.40
W49-PSS	0.26	0.26
TOTAL	17.27	15.96



FIG. 7

TABLE 3: FEDERAL JURISDICTIONAL WETLANDS AND EXPECTED IMPACT ACREAGE.

Wetland ID	Acreage	Impacted Acreage	Jurisdictional Authority
W1_PEM	5.75	5.75	Section 404 (USACE)
W1_PFO	10.55	10.55	
W1_POW	0.03	0.03	
W1_PSS	2.01	2.01	
W2_PEM*	12.35	5.59	Section 404 (USACE)
W2_PSS	0.33	0	
W2_PFO*	25.66	21.16	
W2_POW	0.19	0.19	
W3_PEM	5.47	4.63	Section 404 (USACE)
W3_PFO	0.49	0.49	
W5_PEM	2.39	2.39	Section 404 (USACE)
W5_PFO	0.21	0.21	
W5_POW	0.31	0.31	
W5_PSS	4.84	4.84	
W6a_PFO	0.38	0.38	Section 404 (USACE)
W11_PEM	17.57	17.57	Section 404 (USACE)
W11_PFO	1.32	1.32	
W11_POW	0.24	0.24	
W11_PSS	0.07	0.07	
W12_PEM	0.20	0.20	Section 404 (USACE)
W12_PSS	0.30	0.30	
W13_PEM	0.43	0.43	Section 404 (USACE)
W13_PSS	0.38	0.38	
W14_PSS	0.35	0.35	Section 404 (USACE)
W26_PEM	0.81	0.81	Section 404 (USACE)
W26_PSS	0.49	0.49	

Wetland ID	Acreage	Impacted Acreage	Jurisdictional Authority
W28_PFO	0.49	0.49	Section 404 (USACE)
W29_PFO	1.08	1.08	Section 404 (USACE)
W34_PEM*	77.37	54.33	Section 404 (USACE)
W34_PFO*	15.17	10.57	
W34_POW	0.93	0.93	
W34_PSS	16.24	9.31	
W35_PEM*	92.77	2.40	Section 404 (USACE)
W35_PFO	87.33	25.48	
W35_PSS	1.77	0	
W40_PEM	0.88	0.88	Section 404 (USACE)
W49_PFO	16.61	15.30	Section 404 (USACE)
W49_POW	0.40	0.40	
W49_PSS	0.26	0.26	
W53_PEM	0.35	0	Section 404 (USACE)
W53_PFO	4.43	0	
W54_PEM	6.45	0	Section 404 (USACE)
W54_PSS	1.81	0	
W55_PFO	4.71	0	Section 404 (USACE)
W61_PFO	1.62	0.73	Section 404 (USACE)
W61_PSS	0.36	0.29	
W62_PSS	0.98	0.39	Section 404 (USACE)
W63_PSS	0.33	0.21	Section 404 (USACE)
W69_PSS	0.07	0.07	Section 404 (USACE)
W70_PEM	0.18	0.18	Section 404 (USACE)
W70_PFO	0.15	0.15	
W71_PEM	0.02	0.02	Section 404 (USACE)
Totals:	425.88	204.17	
PEM	223.00	95.19	

Wetland ID	Acreage	Impacted Acreage	Jurisdictional Authority
PFO	170.20	87.91	
POW	2.08	2.09	
PSS	30.60	18.98	
<p>PEM = Palustrine emergent; PSS = Palustrine scrub-shrub; PFO=Palustrine forested; PUB = Palustrine unconsolidated bottom open water.</p> <p>*Indicates portion of delineated wetlands on three privately-owned parcels totaling 21.31 acres located off of Burnet Road are subject to forthcoming USACE jurisdictional determination.</p>			

TABLE 4: JURISDICTIONAL STREAMS AND EXPECTED IMPACT

Stream ID	Cowardin Classification/Flow Regime	Length (LF) / OHW Width (LF AVG)	Impacted LF	Jurisdictional Authority
IS1	Intermittent/Riverine Stream Bed (R4SB)	1,411 / 8	1411	Section 404
IS2	Intermittent/Riverine Stream Bed (R4SB)	1,532 / 9	833	Section 404
IS3	Intermittent/Riverine Stream Bed (R4SB)	1,355 / 9	207	Section 404
IS4	Intermittent/Riverine Stream Bed (R4SB)	337 / 5	337	Section 404
IS4A	Intermittent/Riverine Stream Bed (R4SB)	150 / 2	150	Section 404
ES6	Ephemeral/R6	324 / 6	321	Section 404
ES8	Ephemeral/R6	1,045 / 2	1045	Section 404
ES8a	Ephemeral/R6	134 / 3	134	Section 404
ES11	Ephemeral/R6	490 / 2	466	Section 404
ES15	Ephemeral/R6	298 / 2	298	Section 404
ES16	Ephemeral/R6	430 / 5	430	Section 404
ES20	Ephemeral/R6	795 / 5	795	Section 404
ES21	Ephemeral/R6	209 / 3	209	Section 404
PS1 (Youngs Creek)	Perennial/Upper Perennial Unconsolidated Bottom (R3UB)	120 / 20	0	Section 404
RD4A	Ephemeral/R6	72 / 2	72	Section 404
RD4B	Ephemeral/R6	8 / 2	8	Section 404
	TOTALS	8,712	6,716	
	Ephemeral/R6	3,726	3,698	
	Intermittent/Riverine Stream Bed (R4SB)	4,866	3,018	

Stream ID	Cowardin Classification/Flow Regime	Length (LF) / OHW Width (LF AVG)	Impacted LF	Jurisdictional Authority
	Perennial/Upper Perennial Unconsolidated Bottom (R3UB)	120	0	