

NEW YORK STATE DEPARTMENT OF STATE
COASTAL MANAGEMENT PROGRAM

Federal Consistency Assessment Form

An applicant, seeking a permit, license, waiver, certification or similar type of approval from a federal agency which is subject to the New York State Coastal Management Program (CMP), shall complete this assessment form for any proposed activity that will occur within and/or directly affect the State's Coastal Area. This form is intended to assist an applicant in certifying that the proposed activity is consistent with New York State's CMP as required by U.S. Department of Commerce regulations (15 CFR 930.57). It should be completed at the time when the federal application is prepared. The Department of State will use the completed form and accompanying information in its review of the applicant's certification of consistency.

A. **APPLICANT** (please print)

1. Name: Novelis Corporation
2. Address: 448 County Route 1A, Oswego, NY 13126
3. Telephone: Area Code () 315-349-0274

B. **PROPOSED ACTIVITY:**

1. Brief description of activity:

The Fire Station and Training Facility project involves establishing a facility and appurtenant structures on the Novelis campus. See the joint application for a detailed description of all project activities.

2. Purpose of activity:

See Section 1.4 "Purpose and Need" of Joint Application for Permit for a full description.

3. Location of activity:

<u>Oswego</u>	<u>Scriba</u>	<u>448 County Rt 1A</u>
County	City, Town, or Village	Street or Site Description

4. Type of federal permit/license required: USACE Letter of Permission

5. Federal application number, if known: To be determined

6. If a state permit/license was issued or is required for the proposed activity, identify the state agency and provide the application or permit number, if known:

NYSDEC Section 401 Water Quality Certification

C. **COASTAL ASSESSMENT** Check either "YES" or "NO" for each of these questions. The numbers following each question refer to the policies described in the CMP document (see footnote on page 2) which may be affected by the proposed activity.

1. Will the proposed activity result in any of the following: YES/NO
 - a. Large physical change to a site within the coastal area which will require the preparation of an environmental impact statement? (11, 22, 25, 32, 37, 38, 41, 43) ☐ ☒
 - b. Physical alteration of more than two acres of land along the shoreline, land under water or coastal waters? (2, 11, 12, 20, 28, 35, 44) ☐ ☒
 - c. Revitalization/redevelopment of a deteriorated or underutilized waterfront site? (1) ☐ ☒
 - d. Reduction of existing or potential public access to or along coastal waters? (19, 20) ☐ ☒
 - e. Adverse effect upon the commercial or recreational use of coastal fish resources? (9,10) ☐ ☒
 - f. Siting of a facility essential to the exploration, development and production of energy resources in coastal waters or on the Outer Continental Shelf? (29) ☐ ☒
 - g. Siting of a facility essential to the generation or transmission of energy? (27) ☐ ☒
 - h. Mining, excavation, or dredging activities, or the placement of dredged or fill material in coastal waters? (15, 35) ☐ ☒
 - i. Discharge of toxics, hazardous substances or other pollutants into coastal waters? (8, 15, 35) ☐ ☒
 - j. Draining of stormwater runoff or sewer overflows into coastal waters? (33) ☐ ☒
 - k. Transport, storage, treatment, or disposal of solid wastes or hazardous materials? (36, 39) ☐ ☒
 - l. Adverse effect upon land or water uses within the State's small harbors? (4) ☐ ☒

2. Will the proposed activity affect or be located in, on, or adjacent to any of the following: YES/NO
 - a. State designated freshwater or tidal wetland? (44) ☐ ☒
 - b. Federally designated flood and/or state designated erosion hazard area? (11, 12, 17) ☐ ☒
 - c. State designated significant fish and/or wildlife habitat? (7) ☐ ☒
 - d. State designated significant scenic resource or area? (24) ☐ ☒
 - e. State designated important agricultural lands? (26) ☐ ☒
 - f. Beach, dune or Barrier Island? (12) ☐ ☒
 - g. Major ports of Albany, Buffalo, Ogdensburg, Oswego or New York? (3) ☐ ☒
 - h. State, county, or local park? (19, 20) ☐ ☒
 - i. Historic resource listed on the National or State Register of Historic Places? (23) ☐ ☒

3. Will the proposed activity require any of the following: YES/NO
 - a. Waterfront site? (2, 21, 22) ☐ ☒
 - b. Provision of new public services or infrastructure in undeveloped or sparsely populated sections of the coastal area? (5) ☐ ☒
 - c. Construction or reconstruction of a flood or erosion control structure? (13, 14, 16) ☐ ☒
 - d. State water quality permit or certification? (30, 38, 40) ☒ ☐
 - e. State air quality permit or certification? (41, 43) ☐ ☒

4. Will the proposed activity occur within and/or affect an area covered by a State-approved local waterfront revitalization program, or State-approved regional coastal management program? (see policies in program document*) ☐ ☒

D. ADDITIONAL STEPS

1. If all of the questions in Section C are answered "NO", then the applicant or agency shall complete Section E and submit the documentation required by Section F.

2. If any of the questions in Section C are answered "YES", then the applicant or agent is advised to consult the CMP, or where appropriate, the local waterfront revitalization program document*. The proposed activity must be analyzed in more detail with respect to the applicable state or local coastal policies. On a separate page(s), the applicant or agent shall: (a) identify, by their policy numbers, which coastal policies are affected by the activity, (b) briefly assess the effects of the activity upon the policy; and, (c) state how the activity is consistent with each policy. Following the completion of this written assessment, the applicant or agency shall complete Section E and submit the documentation required by Section F.

E. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with the State's CMP or the approved local waterfront revitalization program, as appropriate. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program, or with the applicable approved local waterfront revitalization program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: Bryan A. Bayer, C&S Engineers, Inc.
Address: 499 Col. Eileen Collins Boulevard, Syracuse, NY 13212
Telephone: Area Code () 315-455-2000
Applicant/Agent's Signature: Bayer Bryan Digitally signed by Bayer Bryan
Date: 2023.10.20 14:39:07 -04'00' Date: October 19, 2023

F. SUBMISSION REQUIREMENTS

1. The applicant or agent shall submit the following documents to the **New York State Department of State, Office of Planning and Development, Attn: Consistency Review Unit, One Commerce Plaza-Suite 1010, 99 Washington Avenue, Albany, New York 12231.**

- a. Copy of original signed form.
- b. Copy of the completed federal agency application.
- c. Other available information which would support the certification of consistency.

2. The applicant or agent shall also submit a copy of this completed form along with his/her application to the federal agency.

3. If there are any questions regarding the submission of this form, contact the Department of State at (518) 474-6000.

*These state and local documents are available for inspection at the offices of many federal agencies, Department of environmental Conservation and Department of State regional offices, and the appropriate regional and county planning agencies. Local program documents are also available for inspection at the offices of the appropriate local government.

New York State Coastal Policies – Statement of Consistency

The proposed project requires a State water quality certification, and therefore we are required to discuss consistency with Coastal Zone Management policies 30, 38, and 40. Below is a discussion of the proposed project's consistency with these policies.

Coastal Policy #30 - Municipal, industrial, and commercial discharge of pollutants, including but not limited to, toxic and hazardous substances, into coastal waters will conform to State and National water quality standards.

Explanation of Policy

Municipal, industrial and commercial discharges include not only "end-of-the pipe" discharges into surface and groundwater but also plant site runoff, leaching, spillages, sludge and other waste disposal, and drainage from raw material storage sites. Also, the regulated industrial discharges are both those which directly empty into receiving coastal waters and those which pass through the municipal treatment systems before reaching the State's waterways.

Consistency Response

New York State law requires a State Pollutant Discharge Elimination System (SPDES) permit for constructing or using an outlet or discharge pipe that discharges wastewater into surface or groundwater, and/or for constructing or operating a disposal system. The proposed project does not involve the need to discharge industrial wastewater.

Novelis currently operates under an existing SPDES permit for facility related stormwater discharges. The management of stormwater is addressed under a facility wide Best Management Practice Plan (BMPP). Though the project is designed to replace the functions and services of the existing firehouse, the proposed location of the new facility is not within the current footprint. As such, there is alteration to the Novelis campus relative to new pervious surfaces. Modification to the BMPP is warranted and will be completed as part of this project. Novelis will coordinate with NYSDEC to ensure consistency with applicable SPDES regulations.

In addition, New York State stormwater regulations mandate that the owner or operator of a construction project that will involve soil disturbance of one or more acres must obtain coverage under the State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activity. The project is designed to minimize soil disturbance; however, the project AOI is greater than one acre and therefore coverage under NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity, General Permit Number GP-0-20-001, effective January 29, 2020 through January 28, 2025 is required and a Stormwater Pollution Prevention Plan (SWPPP) is necessary. Additionally, details regarding the Erosion and Sediment Control Plan are provided in Appendix J of the Joint Application for Permit. A full SWPPP is prepared for this project and can be submitted if requested.

Coastal Policy #38 – The quality and quantity of surface water and groundwater supplies, will be conserved and protected, particularly where such waters constitute the primary or sole source of water supply.

Explanation of Policy

Surface and groundwater are the principal sources of drinking water in the State, and therefore must be protected. Since Long Island's groundwater supply has been designated a "primary source aquifer," all actions must be reviewed relative to their impacts on Long Island's groundwater aquifers.

Consistency Response

The project is not located within the footprint of a sole source, primary, or principal aquifer. No impacts to groundwater will occur as a result of this project.

Coastal Policy #40

Effluent discharged from major steam electric generating and industrial facilities into coastal waters will not be unduly injurious to fish and wildlife and shall conform to state water quality standards.

Explanation of Policy

The State Board on Electric Generation Siting and the Environment must consider a number of factors when reviewing a proposed site for facility construction. One of these factors is that the facility shall "not discharge any effluent that will be unduly injurious to the propagation and protection of fish and wildlife, the industrial development of the State, the public health, and public enjoyment of the receiving waters." The effect of thermal discharges on water quality and aquatic organisms is considered by the siting board when evaluating any applicant's request to construct a new steam electric generating facility.

Consistency Response

The project does not involve a major steam electrical generating or industrial facility, and therefore this does not apply.



C&S Engineers, Inc.
499 Col. Eileen Collins Blvd
Syracuse, New York 13212

Joint Application for Permit

Novelis Fire Station and Training Facility Project

Town of Scriba

Oswego County, New York

Prepared for:
Novelis Corporation
448 County Route 1A
Oswego, New York 13126

October 18, 2023



JOINT APPLICATION FORM

For Permits for activities affecting streams, waterways, waterbodies, wetlands, coastal areas, sources of water, and endangered and threatened species.

You must separately apply for and obtain Permits from each involved agency before starting work. Please read all instructions.

1. Applications To:

>NYS Department of Environmental Conservation

☐ Check here to confirm you sent this form to NYSDEC.

Check all permits that apply:

☐ Stream Disturbance

☐ Dams and Impoundment Structures

☐ Tidal Wetlands

☐ Water Withdrawal

☐ Excavation and Fill in Navigable Waters

☐ 401 Water Quality Certification*

☐ Wild, Scenic and Recreational Rivers

☐ Long Island Well

☐ Docks, Moorings or Platforms

☐ Freshwater Wetlands

☐ Coastal Erosion Management

☐ Incidental Take of Endangered / Threatened Species

* See Instructions (page 3)

>US Army Corps of Engineers

☐ Check here to confirm you sent this form to USACE.

Check all permits that apply: ☐ Section 404 Clean Water Act

☐ Section 10 Rivers and Harbors Act

Is the project Federally funded? ☐ Yes ☐ No

If yes, name of Federal Agency:

General Permit Type(s), if known:

Preconstruction Notification: ☐ Yes ☐ No

>NYS Office of General Services

☐ Check here to confirm you sent this form to NYSOGS.

Check all permits that apply:

☐ State Owned Lands Under Water

☐ Utility Easement (pipelines, conduits, cables, etc.)

☐ Docks, Moorings or Platforms

>NYS Department of State

☐ Check here to confirm you sent this form to NYSDOS.

Check if this applies: ☐ Coastal Consistency Concurrence

2. Name of Applicant

Taxpayer ID (if applicant is NOT an individual)

Mailing Address

Post Office / City

State

Zip

Telephone

Email

Applicant Must be (check all that apply): ☐ Owner ☐ Operator ☐ Lessee

3. Name of Property Owner (if different than Applicant)

Mailing Address

Post Office / City

State

Zip

Telephone

Email

For Agency Use Only

Agency Application Number:

JOINT APPLICATION FORM – Continued. Submit this completed page as part of your Application.**4. Name of Contact / Agent**

Bryan A. Bayer, PWS, CE

Mailing Address

499 Col. Eileen Collins Boulevard

Post Office / City

Syracuse

State

NY

Zip

13212

Telephone 315-455-2000

Email bbayer@cscos.com

5. Project / Facility Name

Novelis Firehouse

Property Tax Map Section / Block / Lot Number:

111.00-06-23

Project Street Address, if applicable

448 County Route 1A

Post Office / City

Oswego

State

NY

Zip

13126

Provide directions and distances to roads, intersections, bridges and bodies of water

NE of Alcan Road and the CSX Railroad Line, NW of Lake Road

✓ Town Village City County Stream/Waterbody Name

Scriba

Oswego

Project Location Coordinates: Enter Latitude and Longitude in degrees, minutes, seconds:

Latitude: 43 ° 29 ' 27.67 " Longitude: 76 ° 26 ' 56.52 "

6. Project Description: Provide the following information about your project. Continue each response and provide any additional information on other pages. **Attach plans on separate pages.****a. Purpose of the proposed project:**

Novelis Corporation is proposing a Campus Development project to support infrastructure improvements, facility revitalization, and manufacturing expansion operations. As part of this initiative, a Fire House/Training Center and associated utilities and parking is proposed on a site directly southeast of the affiliated aluminum processing facility. The development will involve clearing forested land in the central and southern portions of the AOI, and completing necessary grading activities, utility installation, construction of the building and parking areas, as well as necessary seeding and landscaping.

b. Description of current site conditions:

The northern portion of the proposed site is developed with a paved area and structure with mowed lawn areas associated with the Novelis Corporation industrial facility. The central and southern portions of the proposed site are undeveloped forested upland and wetland habitats.

c. Proposed site changes:

The northern portion of the site will remain relatively unchanged. The central and southern portions of the site will be cleared. A fire station/training facility building will be built with associated parking areas and landscaping. Parking and landscaping will flow into existing conditions in the northern portion of the site.

d. Type of structures and fill materials to be installed, and quantity of materials to be used (e.g., square feet of coverage, cubic yards of fill material, structures below ordinary/mean high water, etc.):

Precast concrete storm structures, on site suitable material; 3,000 cubic yards of sub-base material

e. Area of excavation or dredging, volume of material to be removed, location of dredged material placement:

Area of excavation/dredging: 1.2 acres

Volume of material to be removed from site: 8,000 cubic yards

f. Is tree cutting or clearing proposed? ☒ Yes If Yes, explain below. ☐ No

Timing of the proposed cutting or clearing (month/year): TBD (no tree clearing restriction proposed)

Number of trees to be cut: Acreage of trees to be cleared: ~4.5 acres

JOINT APPLICATION FORM – Continued. Submit this completed page as part of your Application.**g. Work methods and type of equipment to be used:**

Excavator, bulldozer, paver, crane

h. Describe the planned sequence of activities:

(1) Site clearing and grading activities; (2) Bring in machinery and materials; (3) Utility installation and structural development; (3) Paving and striping; (4) Final seeding/landscaping

i. Pollution control methods and other actions proposed to mitigate environmental impacts:

Silt fence and erosion control methods will be employed; a SWPPP will be developed

j. Erosion and silt control methods that will be used to prevent water quality impacts:

Silt fence and erosion control methods will be employed; a SWPPP will be developed

k. Alternatives considered to avoid regulated areas. If no feasible alternatives exist, explain how the project will minimize impacts:

See associated Joint Application for Permit Report; a second site was evaluated and deemed unsuitable for development of the proposed facility.

l. Proposed use: ☒ Private ☐ Public ☐ Commercial**m. Proposed Start Date:** Fall 2024 **Estimated Completion Date:** Fall/Winter 2025**n. Has work begun on project?** Yes If Yes, explain below. ☒ No

Project duration will depend on lead times for equipment but will not extend beyond 16 months after the project start date.

o. Will project occupy Federal, State, or Municipal Land? ☐ Yes If Yes, explain below. ☒ No**p. List any previous DEC, USACE, OGS or DOS Permit / Application numbers for activities at this location:****q. Will this project require additional Federal, State, or Local authorizations, including zoning changes?**☒ Yes If Yes, list below. ☐ NoLocal: Town of Scriba Planning Board approval;
County: Oswego County IDA;
State: NYSDOT, NYSOGS; and
Federal: USACE

JOINT APPLICATION FORM – Continued. Submit this completed page as part of your Application.**7. Signatures.**

Applicant and Owner (If different) must sign the application. If the applicant is the landowner, the **landowner attestation form** can be used as an electronic signature as an alternative to the signature below, if necessary. Append additional pages of this Signature section if there are multiple Applicants, Owners or Contact/Agents.

I hereby affirm that information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief.

Permission to Inspect - I hereby consent to Agency inspection of the project site and adjacent property areas. Agency staff may enter the property without notice between 7:00 am and 7:00 pm, Monday - Friday. Inspection may occur without the owner, applicant or agent present. If the property is posted with "keep out" signs or fenced with an unlocked gate, Agency staff may still enter the property. Agency staff may take measurements, analyze site physical characteristics, take soil and vegetation samples, sketch and photograph the site. I understand that failure to give this consent may result in denial of the permit(s) sought by this application.

False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the NYS Penal Law. Further, the applicant accepts full responsibility for all damage, direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from said project. In addition, Federal Law, 18 U.S.C., Section 1001 provides for a fine of not more than \$10,000 or imprisonment for not more than 5 years, or both where an applicant knowingly and willingly falsifies, conceals, or covers up a material fact; or knowingly makes or uses a false, fictitious or fraudulent statement.

Signature of Applicant

Date

10/17/2023

Applicant Must be (check all that apply): ☐ Owner ☐ Operator ☐ Lessee

Printed Name

Kristen Nelson

Title

Plant Manager

Signature of Owner (if different than Applicant)

Date

Printed Name

Title

Signature of Contact / Agent

Date

October 13, 2023

Printed Name

Bryan Bayer, CE, PWS

Title

Managing Environmental Scientist

For Agency Use Only**DETERMINATION OF NO PERMIT REQUIRED**

Agency Application Number

(Agency Name) has determined that No Permit is

required from this Agency for the project described in this application.

Agency Representative:

Printed
Name

Title

Signature

Date



**Department of
Environmental
Conservation**

**APPLICATION FOR PERMIT
FOR SECTION 401 STATE WATER QUALITY CERTIFICATION**

Supplement WQC-1

DEC ID (if known): _____

Applicant Information:

Name of Applicant (from Joint Application Form): <u>Novelis Corporation, Kristen Nelson</u>			
Email: <u>kristen.nelson@novelis.adityabirla.com</u>		Phone: <u>315-349-0186</u>	
Mailing Address: Street: <u>448 County Route 1A</u>	City: <u>Oswego</u>	State: <u>NY</u>	Zip: <u>13126</u>
Project Location (from Joint Application Form): <u>NE of Alcan Road and the CSX Railroad Line, NW of Lake Road</u>			
Town (where property taxes paid): <u>Scriba</u>		County: <u>Oswego</u>	
Street Address: <u>448 County Route 1A</u>	City: <u>Oswego</u>	State: <u>NY</u>	Zip: <u>13126</u>

To comply with federal requirements at 40 CFR §121.5(b) for New York State Section 401 Water Quality Certification, all items below must be completed and the applicant must sign page 2 of this form.

1.	By signing this form, the applicant affirms that the project proponent(s) and a point of contact were accurately identified in the Joint Application for Permit provided with this supplement.
2.	By signing this form, the applicant affirms that the proposed project is accurately and completely identified in the Joint Application for Permit provided with this supplement, and in any supporting plans, photos, reports or other project information.
3.	Identify here the applicable federal license or permit for this request: Section 404 Letter of Permission (Category 1) If this request relates to a Section 404 Nationwide Permit administered by the US Army Corps of Engineers, please identify the appropriate Nationwide Permit number(s):
4.	Please identify the location and nature of any potential discharge that may result from the proposed project and the location of receiving waters (attached additional information as needed): Clearing/construction efforts will create bare surfaces subject to erosion. Impervious surfaces created post-construction will also contribute to increased surface flow off site.
5.	Please provide a description of any methods and means proposed to monitor the discharge and the equipment or measures planned to treat, control, or manage the discharge (attach additional information as needed): Silt fence and erosion control methods will be employed; a SWPPP is developed

6.	<p>Please provide a list of all other federal, interstate, tribal, state, territorial, or local agency authorizations required for the proposed project, including all approvals or denials already received:</p> <p>Local: Town of Scriba Planning Board approval; County: Oswego County IDA; State: NYSDEC, NYSDOT, NYSDOS; and Federal: USACE</p>
7.	<p>Please indicate the date a Section 401 Water Quality Certification pre-filing meeting request was submitted to DEC and attach a copy of the request to this form. The pre-filing meeting request must have been made at least 30 days prior to submitting application for Section 401 Water Quality Certification.</p> <p>The pre-file request is submitted with this form.</p>
8.	<p>By signing below the applicant is providing the following statement: "<i>The project proponent hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief</i>"</p>
9.	<p>By signing below the applicant is providing the following statement: "<i>The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.</i>"</p>

Certification:

In addition to the Joint Application Form provided with this supplement, I hereby submit this form and the attachments indicated to request a Section 401 Water Quality Certification from DEC. The project proponent hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief. The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.



Kristen Nelson

Project Applicant/Proponent Signature

10/19/2023

Date

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Appendices

Appendix A: Alternatives Analysis – Options 1a, 1b, and 2 Site Plans

Appendix B: Overall Project Plans

Appendix C: Wetland & Waterway Delineation Report

Appendix D: Wetland Impact Plans

Appendix E: Ducks Unlimited Correspondence

Appendix F: SEQR Documentation

Appendix G: FEMA Floodzones Map

Appendix H: Rare, Threatened, and Endangered Species

Appendix I: SHPO Correspondence

Appendix J: Erosion and Sediment Control Plan

1.0 Project Information

The proposed project involves development of a fire station/training facility associated with the Novelis Corporation industrial facility in an approximately 8.4-acre area of interest (AOI). The proposed project is located northeast of Alcan Road and the CSX Transportation railroad line, and northwest of Lake Road in the Town of Scriba, Oswego County, New York (See Figure 1). The site was surveyed by C&S staff on November 8, 2022 – two wetland habitats were observed within the project site, both considered potentially regulated waters of the United States afforded protection under Section 404 of the Clean Water Act. The proposed construction activities are anticipated to intersect federally protected wetland resources. Additionally, two ditches were identified during the field investigation; however, both ditches are considered non-jurisdictional features. This application is present in order to obtain necessary approvals for construction from the New York State Department of Environmental Conservation (NYSDEC) and the United States Army Corps of Engineers (USACE).

1.1 Prospective Permittee

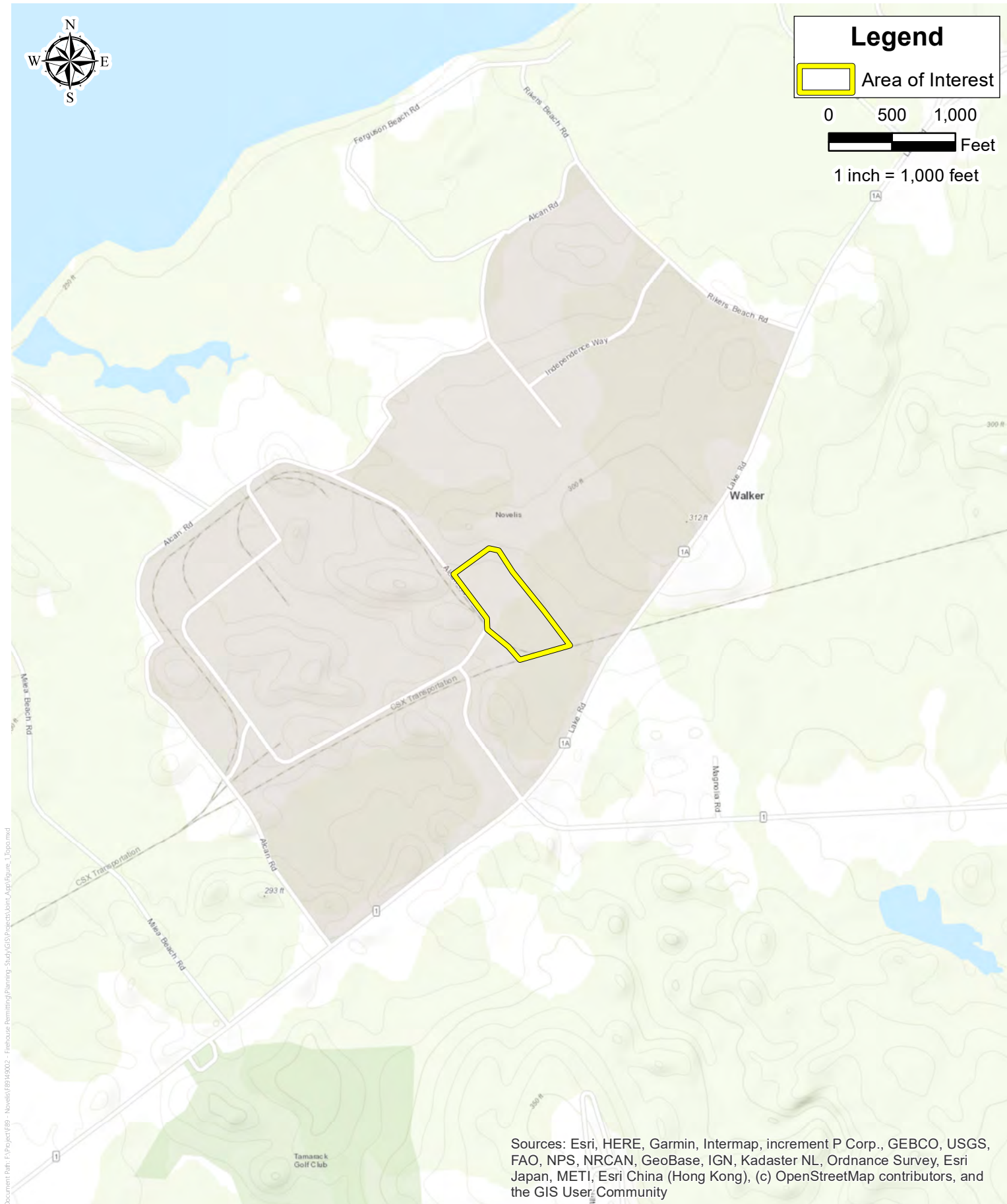
Novelis Corporation
448 County Route 1A
Oswego, New York 13126

1.2 Project Location

The project site is located northeast of Alcan Road and the CSX Transportation railroad line, and northwest of Lake Road in the Town of Scriba, Oswego County, New York. The approximate center of the project site is located at 43°29'27.67"N, 76°26'56.52"W. The site occurs within the Salmon-Sandy River Watershed (USGS Cataloging Unit: 04140102).

1.3 Project Description

Novelis Corporation is proposing a Fire Station and Training Facility Project to support infrastructure improvements, facility revitalization, and manufacturing expansion operations. As part of this initiative, a Fire House/Training Center and associated utilities and parking are proposed on a site directly southeast of the affiliated aluminum processing facility. The development will involve clearing forested land in the central and southern portions of the AOI, and completing necessary grading activities, utility installation, construction of the building and parking areas, as well as necessary seeding and landscaping.



Document Path: F:\Project\198 - Novelis\198\198002 - Final\House Permitting\Planning Study\GIS\Projects\Novelis\Map\Figure_1_Topo.mxd

Sources: Created by C&S Engineers, Inc.
Modified: 7/26/2023 @ 7:50:50 AM

Figure 1 | Project Location Map

Novelis Corporation
Novelis Development Project Site
Town of Scriba, Oswego County, NY

Novelis

C&S
COMPANIES®

1.4 Purpose and Need

The Novelis plant has outgrown the capabilities of the existing firehouse facility to where the existing firehouse is no longer suitable to provide safe and efficient support to the plant. Truck traffic at CM shipping and rail traffic to the north negatively impact response times during emergencies given the current location of the firehouse. Space is also an issue in the current location, both in terms of truck space as well as locker space for fire department members; there are limited bays and spacing between trucks. Larger truck bay areas will allow for ease of maintenance, inspection, and use of the fire trucks, as well as increased safety for personnel. The facility is dilapidated in its current condition with floor damage from its historical use as a truck shop. Apparatus maintenance and washing is limited to summer, spring, and fall months as no drainage exists within the existing facility.

Further, the current Novelis Fire House facility does not meet the following codes/standards:

- National Fire Protection Association (NFPA) Standards 1500 and 1851;
- NFPA/International Building Code (IBC)/International Mechanical Code (IMC) for ventilation requirements;
- NFPA 1500 Section 10.5 Contamination Control Inside Facilities for HVAC requirements for office location

The new Fire House will meet NFPA standards and the proposed development as a whole will meet NYS Building Codes. The attached Training Center will provide additional space for administrative and training purposes. This project is part of a larger initiative to enhance, expand, and revitalize the existing industrial facility in compliance with state and federal codes and regulations.

1.5 Alternatives Analysis

Two locations were investigated for the proposed project, as described below. Figure 2 illustrates the location of Options 1a (Preferred) and 1b. Figure 3 illustrates the location of Option 2. Site Plans for alternatives 1a, 1b, and 2 are provided in Appendix A.

No Build

A No Build option was considered for the proposed project. As discussed previously, the current fire house has been outgrown by the Novelis facility and is dilapidated in its current condition. Further, the fire house does not meet the necessary codes and standards, as summarized above, for its continued use. Given the current state of the facility, as well as its location which has impaired response efficiency due to truck traffic, the No Build option is not considered a practicable alternative for this project.

Legend

Options 1a (Preferred) and 1b Site Location

C&S Delineated Wetlands

C&S Delineated Ditches

Alternatives Analysis

Options 1a (Preferred) and 1b Site Location

Option 2 Site Location

0700

Feet

1 inch = 700 feet

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



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Fax: 315-455-9667
www.ccsa.com

Novelis



050
Feet
1 inch = 50 feet

Novelis Development Project
Novelis Project Site
Town of Scriba, Oswego County, New York

PROJECT NO: F89.149.002
DATE: September 2023
SCALE: AS SHOWN
DRAWN BY: SMB
DESIGNED BY:
CHECKED BY:

Modified: 9/20/23 @ 7:55:32 AM

Alternatives
Analysis
Options 1a and 1b
Site Location

Figure 2

Document Path: F:\Project\F89 - Novelis\F89149002 - Firehouse Permitting\Planning-Study\GIS\Projects\Join_Appl\Figure_2_Alternative_1.mxd

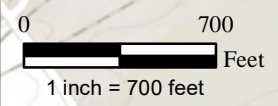
NAD 1983 CORS96 StatePlane New York Central FIPS 3102 Ft US
Projection: Transverse Mercator
Datum: NAD 1983 CORS96
False Easting: 820,208.3333
False Northing: 0.0000
Central Meridian: -76.5833
Scale Factor: 0.9999
Latitude Of Origin: 40.0000
Units: Foot US

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Alternatives Analysis

Options 1a (Preferred) and 1b Site Location

Option 2 Site Location



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Legend

Option 2 Site Location

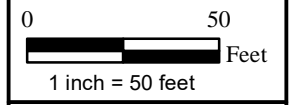
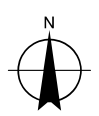
NYSDEC Mapped Wetlands

NYSDEC Regulated 100-Foot Adjacent Area



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Novelis



Novelis Development Project
Novelis Project Site
Town of Scriba, Oswego County, New York

PROJECT NO:	F89.149.002
DATE:	August 2023
SCALE:	AS SHOWN
DRAWN BY:	SMB
DESIGNED BY:	
CHECKED BY:	

Alternatives Analysis Option 2 Site Location

Figure 3

NAD 1983 CORS96 StatePlane New York Central FIPS 3102 Ft US
Projection: Transverse Mercator
Datum: NAD 1983 CORS96
False Easting: 820,208.3333
False Northing: 0.0000
Central Meridian: -76.5833
Scale Factor: 0.9999
Latitude Of Origin: 40.0000
Units: Foot US

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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OE-27

Not only does the facility itself no longer meet the necessary fire protection, building, and mechanical codes, but the location of the facility is also no longer suitable to safely and sufficiently support the growing needs of the Novelis plant. Responding to alarms is difficult when dealing with backed up trucks at CM shipping and rail shipments blocking egress to the North. Current spacing between trucks is limited and, further, there are more vehicles than available bays. The facility itself is dilapidated in its current condition; the flooring is heaving in multiple locations, and the asphalt is damaged from its historical use as a truck shop before being modified to its current design. With no floor drainage, washing the apparatus is not possible in below freezing temperatures. The growth of the fire department membership and addition of locker space has created safety hazards when responding to calls due to limited space.

Unfortunately, given the current state of the existing facility, as well as its location which has impaired response efficiency due to truck traffic, the No Build option is not considered a practicable alternative for this project.

Option 1a (Preferred)

Option 1a (provided in Appendix A), the preferred option for the proposed project, is located at a site northeast of Alcan Road and the CSX Transportation railroad line, and northwest of Lake Road, outside but adjacent to the Novelis campus (Figure 2). Option 1a provides a larger area for design of a 1-story building, a much more cost effective option for construction (approximately \$285,000 less than constructing a 2-story facility). Option 1a is ideal from a response standpoint because, as mentioned previously, the proposed location is outside but adjacent to the existing Novelis campus, which would provide first responders easy access to the plant, as well as to the surrounding community. This location is also beneficial from a utilities/design standpoint, as existing utilities are located in the vicinity of the site, allowing for relatively seamless extension into proposed facilities. The cost of site/civil work, including utilities, for Option 1a is approximately \$200,000 less than that associated with Option 2 described below.

Although the proposed design impacts federally regulated wetlands, design plans have been evaluated and revised to minimize wetland impacts to the extent practicable. The initial project design (provided in Appendix A and discussed as Option 1b below) would result in 0.82 acre of impacts to federal wetlands. This design has gone through several revisions to minimize wetland impact to 0.69 acre; design revisions were mainly focused on rearranging and reducing the project footprint within regulated wetlands to include only unavoidable impacts. Unavoidable impacts to regulated wetlands will be mitigated via the Ducks Unlimited In-Lieu Fee Program; wetland mitigation is discussed in further detail in Section 2.0. Please note that the final design has been further refined and is illustrated in the overall project plans provided in Appendix B.

This proposed location and design will provide the space needed for the growing fire department to respond to emergency calls in a safe and efficient manner that benefits the Novelis campus as well as the

surrounding community. Option 1a is the only practicable alternative given the scope of the project and existing site conditions.

Option 1b

Option 1b (provided in Appendix A) was considered within the same boundary as Option 1a and represents the initial project design of the facility. This option involves using the site to its fullest potential. Option 1b results in 0.82 acre of impacts to waters of the United States within the site boundary. Due to significant wetland impacts, the proposed project has gone through several revisions to reduce wetland impacts to the maximum extent practicable. As discussed previously, design revisions were mainly focused on rearranging and reducing the project footprint within regulated wetlands to only include unavoidable impacts. Option 1b is not considered a practicable alternative due to substantial impacts to federal wetlands resulting from project design.

Option 2

Option 2 (provided in Appendix A) is a site located north of Alcan Road and south of the existing industrial facility, within the Novelis campus. This alternative provides minimal space for the proposed building, parking, etc., which would likely result in the need to design a 2-story building to allow for appropriate parking space. The cost of constructing a 2-story facility would be approximately \$285,000 more than constructing a 1-story building.

In addition, Option 2 is located at a site within the Novelis campus; although this facility will be readily able to serve events on campus, this location will limit the ability of the fire department to respond to off-campus calls within the surrounding community. Further, Option 2 contains extensive underground utilities which would need to be re-routed around the footprint of the proposed building. Utilities would include storm drainage which would require CSX involvement for boring under railroad tracks, an aspect which minimizes the viability of this alternative. The estimated cost of site/civil work, including utility relocation and installation, would be almost \$200,000 more than that associated with Option 1a described above.

In total, Option 2 would cost an additional \$485,000 in comparison to Option 1.

In terms of wetlands and surface water resources, desktop review indicates that Option 2 would fall within the regulated 100-foot adjacent area of a NYSDEC wetland; however, a formal wetland delineation and correspondence with the NSYDEC and USACE would be required to confirm wetland/surface water locations and impacts, as well as potential permitting requirements. Option 2 is not considered a practicable alternative due to restraints related to size, location, and existing conditions of the proposed area.

2.0 Wetlands

C&S Engineers, Inc. performed a wetland assessment of the project AOI on November 8, 2022, and determined that two potential USACE wetlands are located within or adjacent to the project limits that encompass 1.13 acres. A full description of identified features is provided in the Wetland & Waterway Delineation Report provided as Appendix C. Wetland impact plans are provided in Appendix D and overall project plans are provided in Appendix B.

The wetlands are categorized consistent with the Classification of Wetlands and Deepwater Habitats of the United States (Cowardin et al. 1979). Wetland B is considered a palustrine emergent (PEM) and palustrine forested (PFO) wetland and is divided into Wetlands B1, B2, and B3, which are considered hydrologically connected. Total wetland acreages within the project site are summarized in the wetland delineation report provided in Appendix C. The proposed project will result in 0.003 acre of impact within Wetland B1, 0.59 acre of impact within Wetland B2, and 0.10 acre of impact within Wetland C, totaling 0.69 acre of impact as a result of the proposed project. A summary of wetland impacts is provided in Table 1 below.

Table 1. Wetland Impact Summary

Wetland Identification	Centroid (Latitude/ Longitude WGS 84)	Agency Jurisdiction	Cowardin Class	Work in USACE Wetland Area Impacts (Acres)
B1	43°29'29.56"N, 76°26'56.01"W	USACE	PEM	0.003
B2	43°29'27.41"N, 76°26'57.77"W	USACE	PFO	0.59
B3	43°29'24.54"N, 76°26'56.27"W	USACE	PFO	0.00
C	43°29'26.23"N, 76°26'52.80"W	USACE	PFO	0.10
Total Acreage of Wetland Impacts				0.69

2.1 Federal Wetland Permitting

The project site has been reviewed for wetlands in accordance with the criteria defined in the *1987 US Army Corps of Engineers Wetland Delineation Manual* and the *2012 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, Version 2.0* (Regional Supplement) (USACE 2012). The proposed project will result in 0.69 acre of wetland loss due to discharge of dredged or fill material and therefore falls under the scope of a Category 1 Letter of Permission through the USACE.

2.1.1 Discharge of Fill in Waters of the United States

The proposed project will result in discharge of fill material in 0.69 acre of federally regulated wetlands, falling under the scope of a Category 1 Letter of Permission through the USACE. Further, a Section 401 Water Quality Certification through the NYSDEC will also be required.

2.1.2 Mitigation and Construction Minimization

As discussed in Section 1.5, design for the proposed project has gone through several revisions specifically for the purpose of minimizing wetland impacts. These design revisions have mainly been focused on rearranging and reducing the project footprint to only include unavoidable impacts. The main focus of the revisions was to reduce the project footprint within federal wetlands to the extent practicable while maintaining the project purpose. Wetland mitigation for the project includes measures to limit the impacts and avoid impacting adjacent wetland areas. The project will utilize erosion control methods under the Stormwater Pollution Prevention Plan (SWPPP) to avoid impacting adjacent wetlands and buffer areas and restore disturbed areas as close as practicable to pre-construction conditions. Impacts from construction activities within or adjacent to wetland resources will be minimized by using the following construction techniques and best management practices:

1. Wetland areas that will be temporarily disturbed will be restored by seeding with wetland seed mix.
3. Erosion and control measures will be utilized to avoid impacting adjacent wetland and buffer areas.
4. Stormwater will be controlled and treated utilizing retention ponds and other treatments before it flows offsite.

In summary, temporary impacts to wetland areas will be restored post-construction. Permanent fill within federally regulated wetlands is required for construction of the project; therefore compensatory mitigation will be required for permanent impacts to wetlands. Compensatory mitigation must satisfy the requirements outlined in 33 CFR 332, "Compensatory Mitigation for Losses of Aquatic Resources; Final Rule", dated April 10, 2008 (33 CFR 325 & 332).

The need for compensatory mitigation will be based on the NYSDEC and USACE regulatory requirements. Desktop review indicates that Ducks Unlimited provides wetland and stream mitigation credits in accordance with its In-Lieu Fee Program to thirteen watersheds in New York State, including the Irondequoit-Ninemile Creek watershed in which the AOI is located. Further correspondence with Ducks Unlimited indicates that mitigation credits are available; the letter from Ducks Unlimited indicating credit availability is provided in Appendix E.

2.2 NYSDEC Wetland Permitting

To be protected under the New York State Freshwater Wetlands Act, a wetland must be at least 12.4 acres (5 ha) in size, or of unusual importance. The NYSDEC has mapped the wetlands under jurisdiction that meet that criteria. The project site currently falls outside of the 500-foot wetland checkzone of the nearest

mapped wetland. It is our opinion that an Article 24 Freshwater Wetlands Permit should not be required given that no NYSDEC regulated wetlands occur within the anticipated limits of disturbance.

The purpose of Section 401 of the Clean Water Act is to ensure that federally permitted activities are consistent with the federal Clean Water Act, state water quality laws, and any other appropriate state laws. Section 401 is implemented through a certification process called Water Quality Certification (WQC). The federal government has delegated the regulation of Section 401 to New York State. Section 401 requirements are applied to any activity that requires a federal permit and that may discharge into a state water body. Permits issued by the USACE will require a WQC as Section 404 Permits are subject to Section 401. NYSDEC has issued blanket WQCs if certain conditions are met. Based on the proposed Project scope, a federal permit is required under Section 404 and therefore a Section 401 WQC is required.

3.0 Surface Waters (Excluding Wetlands)

The federally regulated Ordinary High Water (OHW) mark of streams within the Project AOI are delineated using the definitional criteria as presented in Title 33, Code of Federal Regulations, Part 328, and the USACE Regulatory Guidance Letter 05-05 – Guidance on Ordinary High Water Mark Identification. Each stream is categorized in regard to its flow regime as perennial, intermittent, or ephemeral, as defined by the USACE. The OHW mark for each stream is mapped using the Trimble GPS.

Streams in the State of New York are protected by Article 15 Use and Protection of Waters. Streams are given classifications that designate the level of protection afforded to each waterbody. Each waterbody identified within the AOI is classified according to Article 15. The waterbody classification categories are AA, A, B, C or D depending on their designated level of protection. Waters with classifications A, B, and C may also have a standard of (T), indicating that it may support a trout population, or (TS), indicating that it may support trout spawning (TS). Streams with a designation of C (T) or higher are considered “protected” waters of New York State. Work done within 50 feet of a protected stream requires an Article 15 Use and Protection of Waters permit from the NYSDEC.

No streams or open waters were delineated during the field survey. However, two ditches were identified within the AOI during the field investigation, summarized below in Table 2. As justified in the Wetland & Waterway Delineation Report provided in Appendix B, it is our opinion that the ditches identified within the AOI are non-jurisdictional features; therefore, no permitting will be required for impacts to the delineated ditches summarized below.

Table 2. Wetland Impact Summary

Ditch Identification	Centroid (Latitude/Longitude WGS 84)	Agency Jurisdiction	Work in USACE Ditch Area Impacts (Acres)
A1	43°29'28.84"N, 76°27'0.79"W	No Jurisdiction	0.02 (non-jurisdictional)
A2	43°29'26.93"N, 76°26'57.77"W	No Jurisdiction	0.002 (non-jurisdictional)
A3	43°29'26.64"N, 76°26'58.53"W	No Jurisdiction	0.007 (non-jurisdictional)
D	43°29'27.59"N, 76°26'53.61"W	No Jurisdiction (surface conveyance)	0.07 (non-jurisdictional)

4.0 Environmental Review & Historic Preservation

The Uniform Procedures Act, Article 70 of Environmental Conservation Law (UPA), includes the procedures for administering NYSDEC permits. This permit application provides a discussion of efforts undertaken to ensure consistency with the UPA. In addition, the Project is required to address the New York State Environmental Quality Review Act (SEQR) and the State Historic Preservation Act (SHPA). The Project and this application have been prepared consistent with conditions established by the UPA, SEQR, and SHPA as outlined below.

4.1 State Environmental Quality Review

This project has been classified as a Type I action requiring further investigation in accordance with SEQR. The SEQR process is currently underway with the Town of Scriba Planning Board acting as lead agency and includes completion of the Full Environmental Assessment Form (FEAF) Part 1 and associated supplemental report. SEQR materials are provided in Appendix F.

4.2 Floodplains

The Federal Emergency Management Agency Flood Insurance Rate Map (FIRM) is reviewed for the AOI. According to the FIRM, the site occurs outside the 100-year regulated floodplain area. Floodplain mapping is provided as Appendix G.

4.3 Rare, Threatened, and Endangered Species

The United States Fish and Wildlife Service (USFWS) utilizes the Information, Planning and Conservation (IPaC) system as a tool for streamlining the environmental review process. The IPaC system provides a species list that identifies threatened, endangered, proposed, and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of the study area and/or may be affected by the proposed project. According to the USFWS IPaC System Official Species List dated July 31, 2023 (See Appendix H), three federally listed species are known to occur in the vicinity of the proposed project area: northern long-eared bat (*Myotis septentrionalis*) and bog buck moth, both listed as endangered. IPaC also lists the monarch butterfly (*Danaus plexippus*) as a candidate species not subject to federal protection. According to the IPaC system (see Appendix H), there are no critical habitats located within the property and no environmentally-sensitive habitat areas were identified.

The USFWS developed a determination key (Dkey) for the northern long-eared bat in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.). Upon issuance of the Official Species List indicating potential presence of northern long-eared bat, the northern long-eared bat Dkey was completed, resulting in a determination of “No Effect” of the proposed project on the northern long-eared bat. The northern long-eared bat Dkey dated August 17, 2023 indicating a “No Effect” determination can be found in Appendix H.

C&S conducted a project screening utilizing the NYSDEC EAF Mapper, which indicated no records of state or federally listed rare, threatened, or endangered species near the project site.

4.3.1 Northern long-eared bat

The northern long-eared bat (*Myotis septentrionalis*) is listed as endangered at the state and federal level. The northern long-eared bat winters in caves and mines and migrates seasonally to summer roosts in dead and decadent trees. Northern long-eared bats are typically associated with mature interior forest¹ and tend to avoid woodlands with significant edge habitat². They may prefer cluttered or densely forested areas including in uplands and at streams or vernal pools³. They may use small openings or canopy gaps as well. Some research suggests that northern long-eared bats forage on forested ridges and hillsides rather than in riparian or floodplain forests. Captures from New York suggest that northern long-eared bats may also be found using younger forest types⁴. This species selects day roosts in dead or live trees under loose bark, or in cavities and crevices, and may sometimes use caves as night roosts⁵. They may also roost in buildings or behind shutters. A variety of tree species are used for roosting. The structural complexity of surrounding habitat and availability of roost trees may be important factors in roost selection⁶. Roosts of female bats tend to be large diameter, tall trees, and in at least some areas, located

¹ Carroll, S. K., T. C. Carter and G. A. Feldhamer. 2002. Placement of nets for bats: effects on perceived fauna. *Southeastern Naturalist* 1:193-198.

² Yates, M. and R. Muzika. 2006. Effect of forest structure and fragmentation on site occupancy of bat species in Missouri Ozark forests. *Journal of Wildlife Management* 70:1238-1248.

³ Brooks, R. T. and W. M. Ford. 2005. Bat Activity in a Forest Landscape of Central Massachusetts. *Northeastern Naturalist* 12:447-462.

⁴ New York Natural Heritage Program. 2016. Online Conservation Guide for *Myotis septentrionalis*. Available from: <http://www.acris.nynhp.org/guide.php?id=7407>. Accessed October 9, 2017.

⁵ U.S. Fish and Wildlife Service. 2013. 12-Month finding on a petition to list the eastern small-footed bat and the northern long-eared bat as threatened or endangered; Listing the northern long-eared bat as an endangered species; Proposed rule. Vol. 78 No.

⁶ Carter, T. C. and G. A. Feldhamer. 2005. Roost tree use by maternity colonies of Indiana bats and northern long-eared bats in southern Illinois. *Forest Ecology and Management* 219:259-268.

within a less dense canopy⁷. Northern long-eared bats hibernate in caves and mines where the air temperature is constant, preferring cooler areas with high humidity⁸.

In New York, a permit is required for the “take” of protected species under the Uniform Procedures Act that includes direct impact to the species as well as adverse modification to habitat. The New York State Department of Environmental Conservation (NYSDEC) considers impacts to “occupied” habitat as well as direct impacts to the species. NYSDEC requirements for northern long-eared bat protection are consistent with USFWS in areas that are not considered “occupied habitat”. NYSDEC defines occupied habitat as those areas within five (5) miles of a known hibernacula, or 1.5 miles from a documented summer occurrence. The proposed project is not within occupied habitat and therefore no additional NYSDEC requirements are necessary.

Further, the USFWS Dkey provided a “no effect” determination in terms of impacts to northern long-eared bats as a result of the proposed project. Field investigation and agency correspondence indicate that the proposed project will have minimal impact on the northern long-eared bat. No tree clearing is proposed for the project.

4.3.2 Bog Buck Moth

Bog buck moth is considered endangered at the state and federal levels. Feeding only during their larval life stage, their main food source is bog buckbean (*Menyanthes trifoliata*), hence the name bog buck moth; this species will generally not persist without the presence of bog buckbean. As adults, this species only flies approximately 9 to 12 days between mid-September to mid-October. Individuals thrive in minerotrophic fen habitats containing peat mats and *Sphagnum* moss. Six locations are known in New York State, all of which are within Oswego County⁹; however, no known location is in the vicinity of the AOI¹⁰. The AOI does not contain suitable habitat for bog buck moth and is unlikely to support the species. Further, no bog buckbean plants were observed within the AOI during the November 8, 2022 site visit.

4.3.3 Monarch butterfly

The monarch butterfly can be found in varying habitats, so long as milkweed (for breeding) and flowering plants (for nectar) are present. No milkweed plants were observed by C&S staff during the November 8, 2022 site visit. Further, the monarch butterfly is considered a candidate species and is not listed as threatened or endangered; therefore, requirements associated with potential presence of endangered or threatened species do not apply to this species¹¹.

⁷ Sasse, D. B. and P. J. Pekins. 1996. Summer roosting ecology of northern long-eared bats (*Myotis septentrionalis*) in the White Mountain National Forest. Pp. 91-101 in Proceedings of the Bats and Forests Symposium of the British Columbia Ministry of Forest.

⁸ U.S. Fish and Wildlife Service. 2013. 12-Month finding on a petition to list the eastern small-footed bat and the northern long-eared bat as threatened or endangered; Listing the northern long-eared bat as an endangered species; Proposed rule. Vol. 78 No.

⁹ New York Natural Heritage Program (NYNHP). 2023. Bogbean Buckmoth, *Hemileuca maia menyanthevora* Pavulaan, 2020. Available at: <https://guides.nynhp.org/bogbean-buckmoth/>. Accessed July 31, 2023.

¹⁰ New York State Department of Environmental Conservation. N.D. Species Status Assessment. Available at: https://www.dec.ny.gov/docs/wildlife_pdf/sgcnboggbbuckmoth.pdf#:~:text=There%20are%20currently%20three%20active%20bog%20buckmot h%20sites,localities%3A%20Silver%20Lake%2C%20Selkirk%2C%20and%20Deer%20Creek%2FMud%20Creek. Accessed July 31, 2023.

¹¹ U.S. Fish & Wildlife Service. N.D. *Danaus plexippus* Overview. Available from <https://www.fws.gov/species/monarch-butterfly-danaus-plexippus>. Accessed June 29, 2022.

4.4 Cultural Resources

The New York State Office of Parks, Recreation, and Historic Preservation (OPRHP) has been consulted in accordance with Section 14.09 of the New York State Historic Preservation Act of 1980. A “no effect” determination has been decided by SHPO and is available in Appendix I.

5.0 Stormwater Treatment

New York State stormwater regulations mandate that the owner or operator of a construction project that will involve soil disturbance of one or more acres must obtain coverage under the State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activity. The project is designed to minimize soil disturbance; however, the project AOI is greater than one acre and therefore coverage under NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity, General Permit Number GP-0-20-001, effective January 29, 2020 through January 28, 2025 is required and a Stormwater Pollution Prevention Plan (SWPPP) is necessary. Additionally, details regarding the Erosion and Sediment Control Plan are provided in Appendix J.

6.0 Summary

The proposed project involves temporary and permanent impacts to potential waters of the United States afforded protection under Section 404 of the Clean Water Act

The proposed project involves 0.69 acre of impacts within federally regulated wetlands and falls within the scope of a Category 1 Letter of Permission through the USACE. This Joint Permit Application is submitted to request a Category 1 Letter of Permission through the USACE and a Water Quality Certificate through the NYSDEC. This Joint Application is also submitted to request a Letter of No Jurisdiction through the NYSDEC. No seasonal tree clearing restriction is proposed as the project AOI is unlikely to be used by roosting bats.

Please contact Bryan Bayer at (315) 455-2000 with any questions.

APPENDIX A
ALTERNATIVES ANALYSIS – OPTIONS 1A, 1B, AND 2 SITE PLANS

Jun 27, 2023 - 1:47pm F:\Project\F89 - Novelis\F89 147001 - Fire House Design\Design\CADD\Sheet_Files\F89 147001_C-100-2.05 (Option 2.06).dwg

A1 SITE PLAN (OPTION 2.06)
SCALE: 1" = 60'-0"

0 60' 120'

SITE PLAN
(OPTION 1a -
PREFERRED)

NO ALTERATION PERMITTED HEREON
EXCEPT AS PROVIDED UNDER SECTION
7209 SUBDIVISION 2 OF THE NEW YORK
EDUCATION LAW

CHECKED BY:

DESIGNED BY: M. CHAMBERS

DRAWN BY: M. ZINGARO

DATE: NOVEMBER 2022

PROJECT NO: F89.147.001

REVISIONS

MARK DATE DESCRIPTION

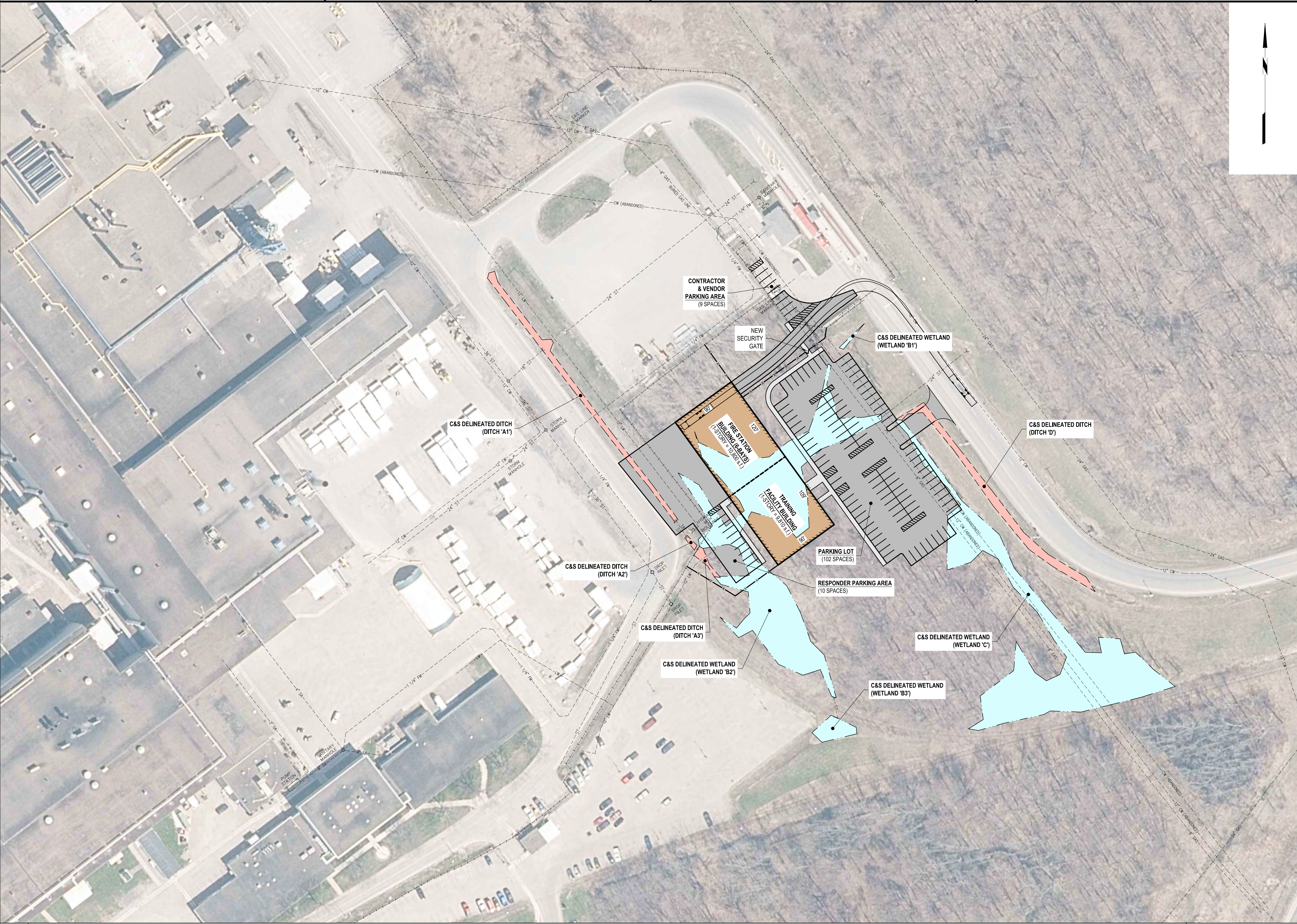
1/27/23 REVISED BUILDING PLAN

NOVELIS CORPORATION
FIRE STATION AND
TRAINING FACILITY PROJECT
OSWEGO, NEW YORK



PRELIMINARY
NOT FOR
CONSTRUCTION

C&S Engineers, Inc.
499 Col. Eileen Collins Blvd.
Syracuse, New York 13212
Phone: 315-455-2000
Fax: 315-455-9667
www.cscos.com



Dec 01, 2022 - 10:16am - F:\Project\F89 - Novelis\F89 147001 - Fire House Design\Design\CADD\Sheet_Files\F89 147001_C-100-2.02 (Option 2.02).dwg

A1

SITE PLAN (OPTION 2.02)

SCALE: 1" = 60'-0"

0 60' 120'



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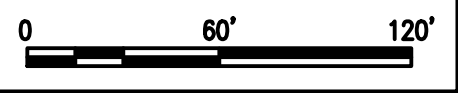
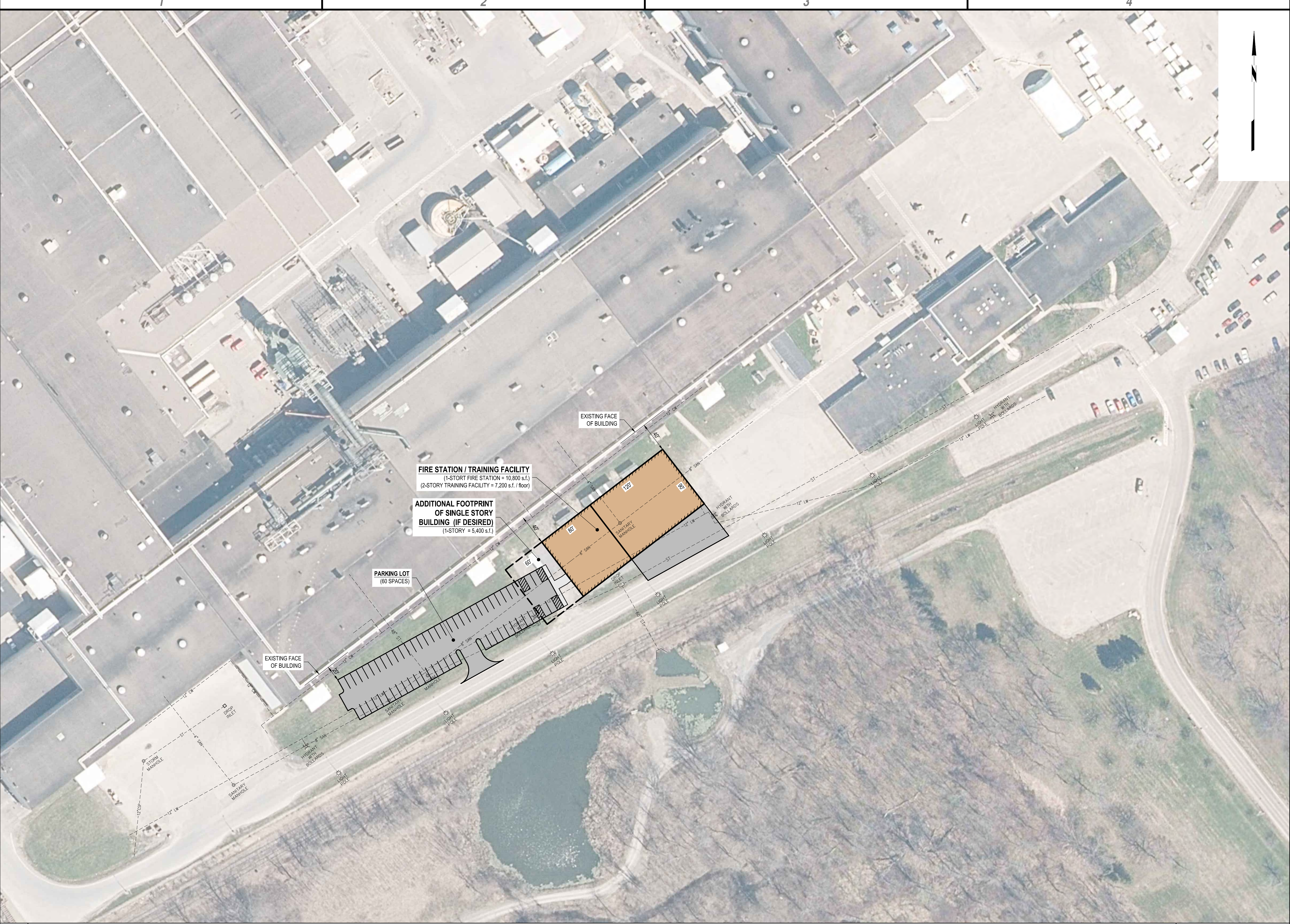
NOVELIS CORPORATION
FIRE STATION AND
TRAINING FACILITY PROJECT
OSWEGO, NEW YORK

	12/1/22	REVISED LAYOUT
MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: F89.147.001		
DATE: NOVEMBER 2022		
DRAWN BY: M. ZINGARO		
DESIGNED BY: M. CHAMBERS		
CHECKED BY:		
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW		

SITE PLAN
(OPTION 1b -
INITIAL)

Nov 21, 2022 - 11:42am - Fire House Design\Design\CADD\Sheet_Files\F89147001_C-100-1 (Option 1).dwg
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A1 SITE PLAN (OPTION 1)
SCALE: 1" = 60'-0"



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NOT FOR
CONSTRUCTION

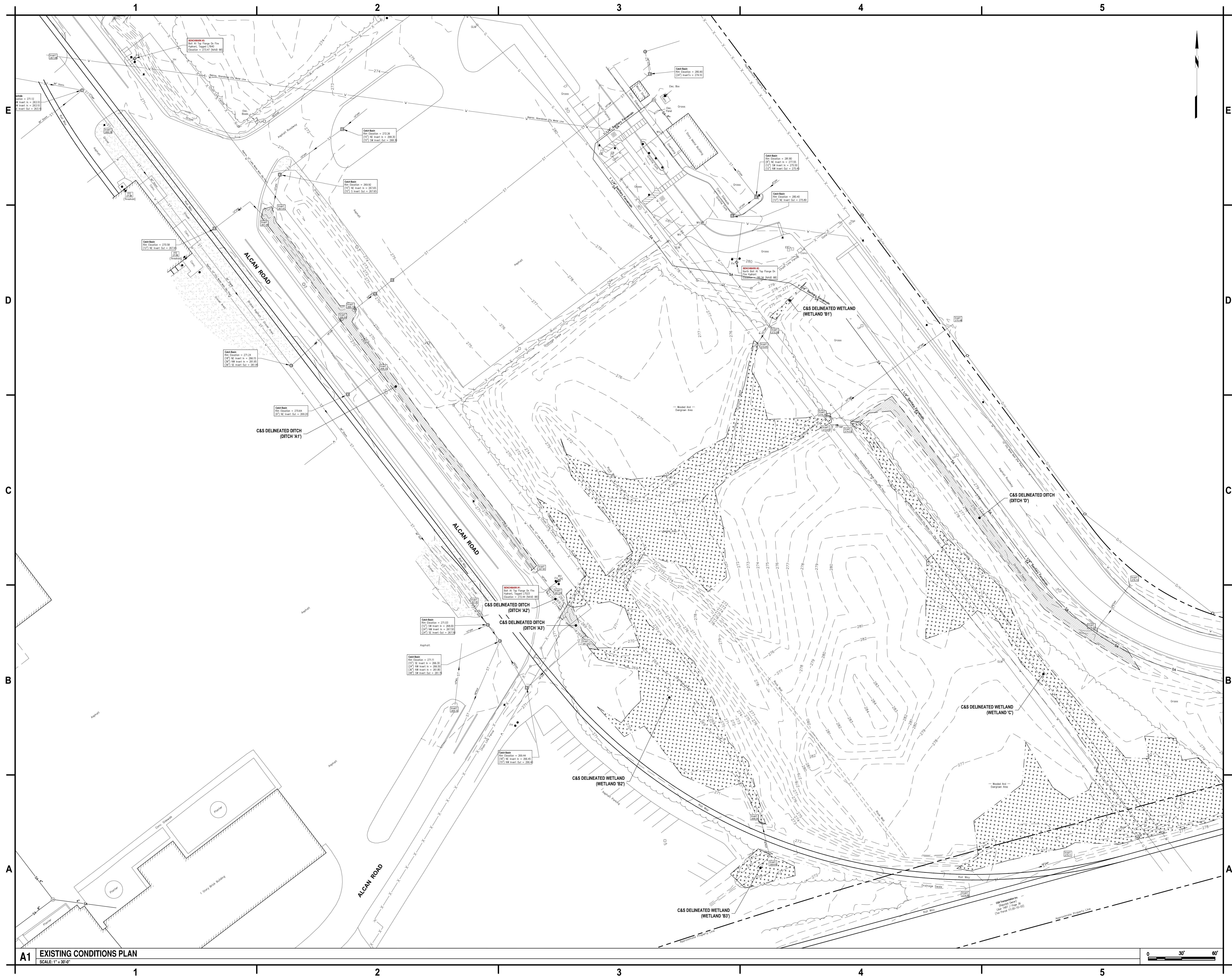


**NOVELIS CORPORATION
FIRE STATION AND
TRAINING FACILITY PROJECT
OSWEGO, NEW YORK**

MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: F89.147.001		
DATE: NOVEMBER 2022		
DRAWN BY: M. ZINGARO		
DESIGNED BY: M. CHAMBERS		
CHECKED BY:		
NO ALTERATION PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK EDUCATION LAW		

**SITE PLAN
(OPTION 2)**

APPENDIX B
OVERALL PROJECT PLANS

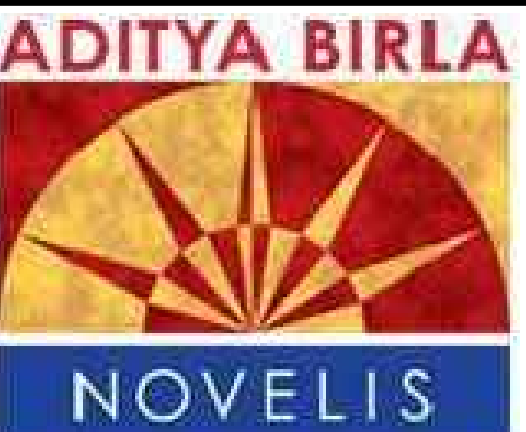


A1 EXISTING CONDITIONS PLAN
SCALE: 1" = 30'-0"



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Syracuse, New York 13212
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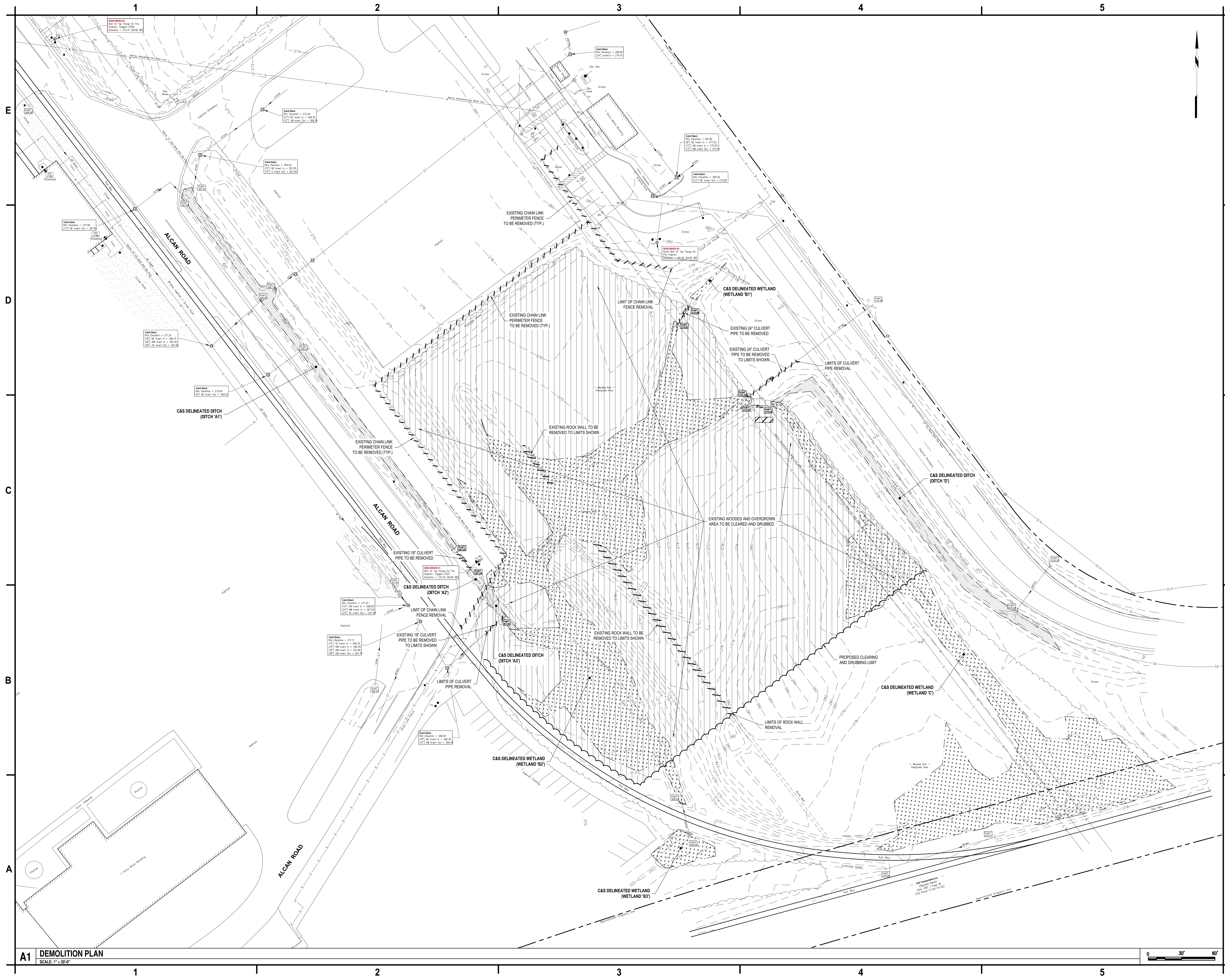
ADITYA BIRLA
NOVELIS

**NOVELIS CORPORATION
FIRE STATION AND TRAINING FACILITY PROJECT
OSWEGO, NEW YORK**

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PROJECT NO: F89.147.001		
DATE: JUNE 23, 2023		
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CHECKED BY: M. MARCHEWKA		
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**EXISTING
CONDITIONS PLAN**

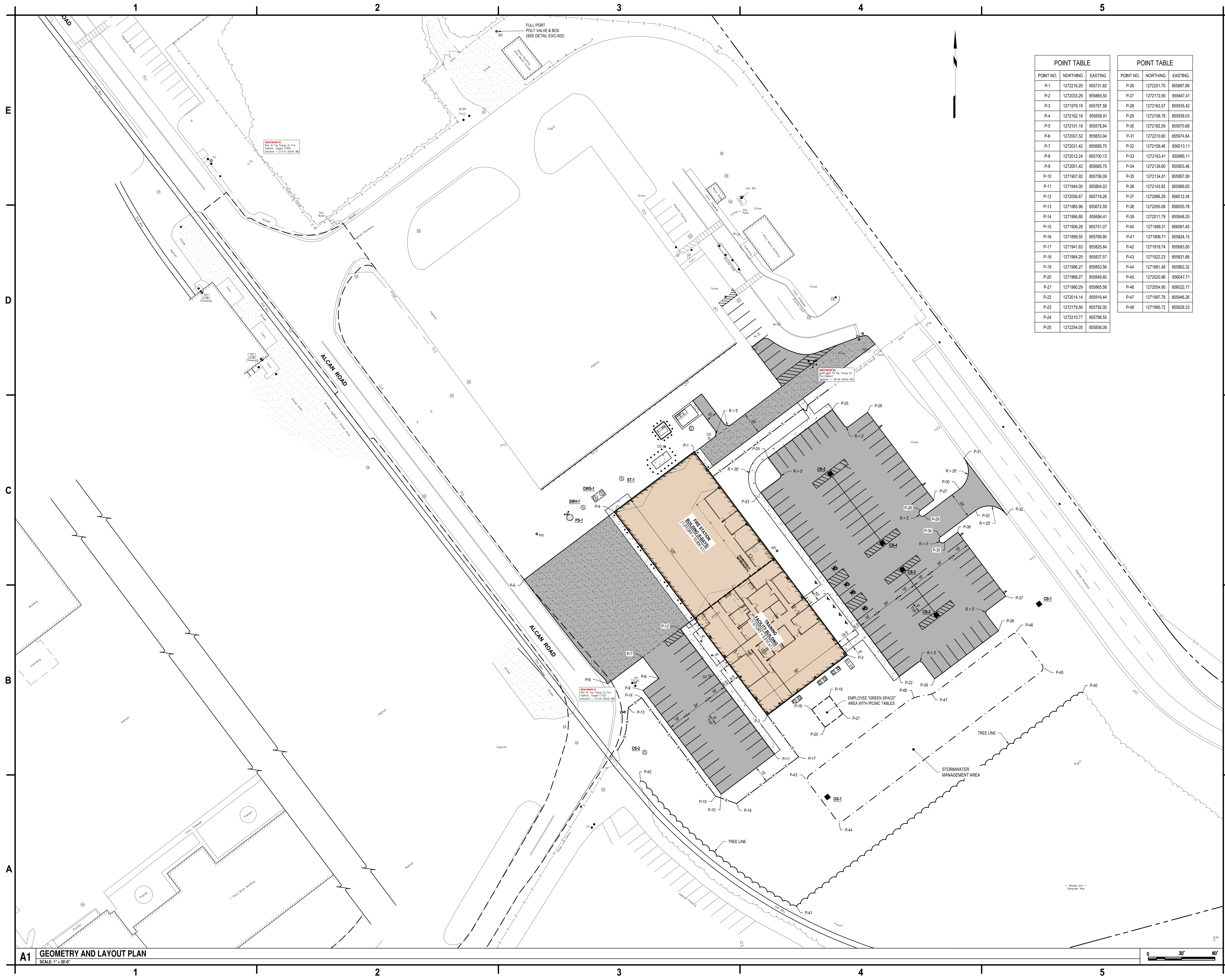
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NOVELIS DRAWING NO:
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**NOVELIS CORPORATION
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DEMOLITION PLAN



POINT TABLE		
POINT NO.	NORTHING	EASTING
P-1	1272216.29	855731.82
P-2	1272033.29	855869.50
P-3	1271979.19	855797.58
P-4	1272162.18	855659.91
P-5	1272101.19	855578.84
P-6	1272007.52	855653.94
P-7	1272031.42	855685.70
P-8	1272012.24	855700.13
P-9	1272001.42	855685.75
P-10	1271907.92	855756.09
P-11	1271944.00	855804.03
P-12	1272056.67	855719.26
P-13	1271985.98	855672.59
P-14	1271994.88	855684.41
P-15	1271906.28	855751.07
P-16	1271899.55	855769.90
P-17	1271941.63	855825.84
P-18	1271884.25	855837.57
P-19	1271996.27	855853.56
P-20	1271968.27	855849.60
P-21	1271980.29	855865.58
P-22	1272014.14	855916.44
P-23	1272179.56	855792.00
P-24	1272210.77	855798.55
P-25	1272254.05	855856.08

POINT TABLE		
POINT NO.	NORTHING	EASTING
P-26	1272251.70	855887.89
P-27	1272172.59	855947.41
P-28	1272163.57	855935.42
P-29	1272158.78	855939.03
P-30	1272182.59	855970.88
P-31	1272210.60	855974.64
P-32	1272159.46	856013.11
P-33	1272163.41	855985.11
P-34	1272139.60	855953.46
P-35	1272134.81	855957.06
P-36	1272143.82	855969.05
P-37	1272086.29	856012.34
P-38	1272055.08	856005.78
P-39	1272011.79	855948.25
P-40	1271999.31	856081.45
P-41	1271806.71	855824.15
P-42	1271919.74	855863.50
P-43	1271922.23	855831.66
P-44	1271881.48	855862.32
P-45	1272020.96	856047.71
P-46	1272054.90	856022.17
P-47	1271997.78	855946.26
P-48	1271995.72	855929.33

A1 GEOMETRY AND LAYOUT PLAN
SCALE: 1" = 30'-0"

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FIRE STATION AND TRAINING FACILITY PROJECT
OSWEGO, NEW YORK

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GEOMETRY AND
LAYOUT PLAN

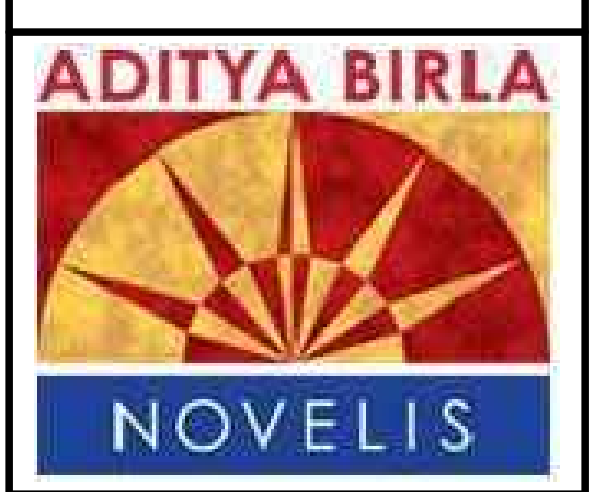
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NOVELIS DRAWING NO:
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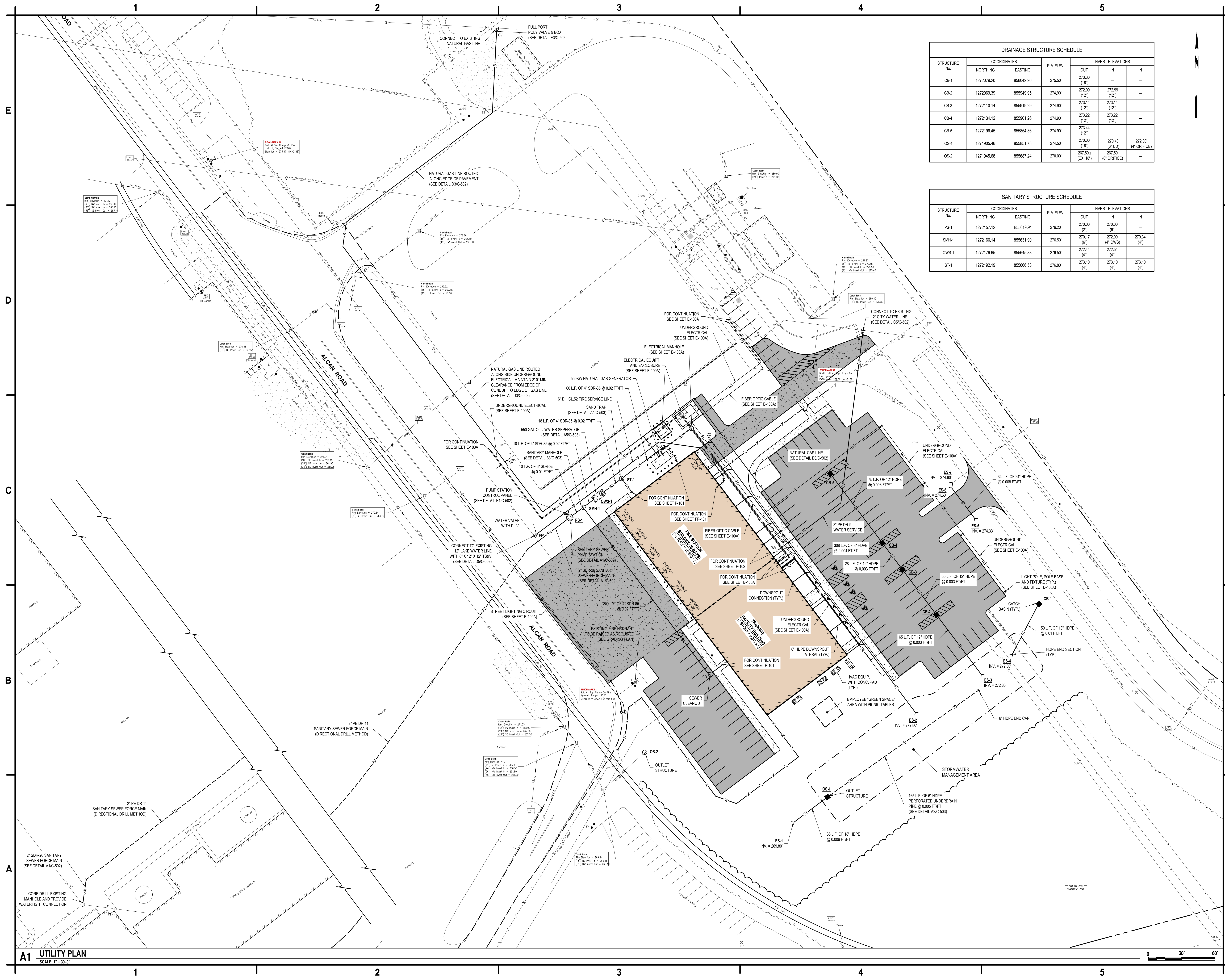
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SITE PLAN

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C-101
NOVELIS DRAWING NO:
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DRAINAGE STRUCTURE SCHEDULE						
STRUCTURE No.	COORDINATES		RIM ELEV.	INVERT ELEVATIONS		
	NORTHING	EASTING		OUT	IN	IN
CB-1	1272079.20	856042.26	275.50'	273.30' (18")	---	---
CB-2	1272069.39	855949.95	274.90'	272.99' (12")	272.99 (12")	---
CB-3	1272110.14	855919.29	274.90'	273.14' (12")	273.14' (12")	---
CB-4	1272134.12	855901.26	274.90'	273.22' (12")	273.22' (12")	---
CB-5	1272196.45	855854.36	274.90'	273.44' (12")	---	---
OS-1	1271905.46	855851.78	274.50'	270.00' (18")	270.40' (6" UD)	272.00' (4" ORIFICE)
OS-2	1271945.68	855687.24	270.00'	267.50± (EX. 18")	267.50' (6" ORIFICE)	---

SANITARY STRUCTURE SCHEDULE						
STRUCTURE No.	COORDINATES		RIM ELEV.	INVERT ELEVATIONS		
	NORTHING	EASTING		OUT	IN	IN
PS-1	1272157.12	855619.91	276.20'	270.00' (2")	270.00' (6")	---
SMH-1	1272166.14	855631.90	276.50'	270.17' (8")	272.00' (4" OWS)	270.34' (4")
OWS-1	1272176.65	855645.88	276.50'	272.44' (4")	272.54' (4")	---
ST-1	1272192.19	855666.53	276.80'	273.10' (4")	273.10' (4")	273.10' (4")

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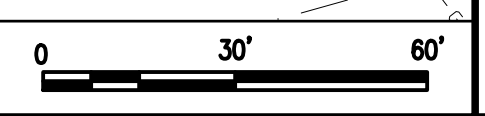
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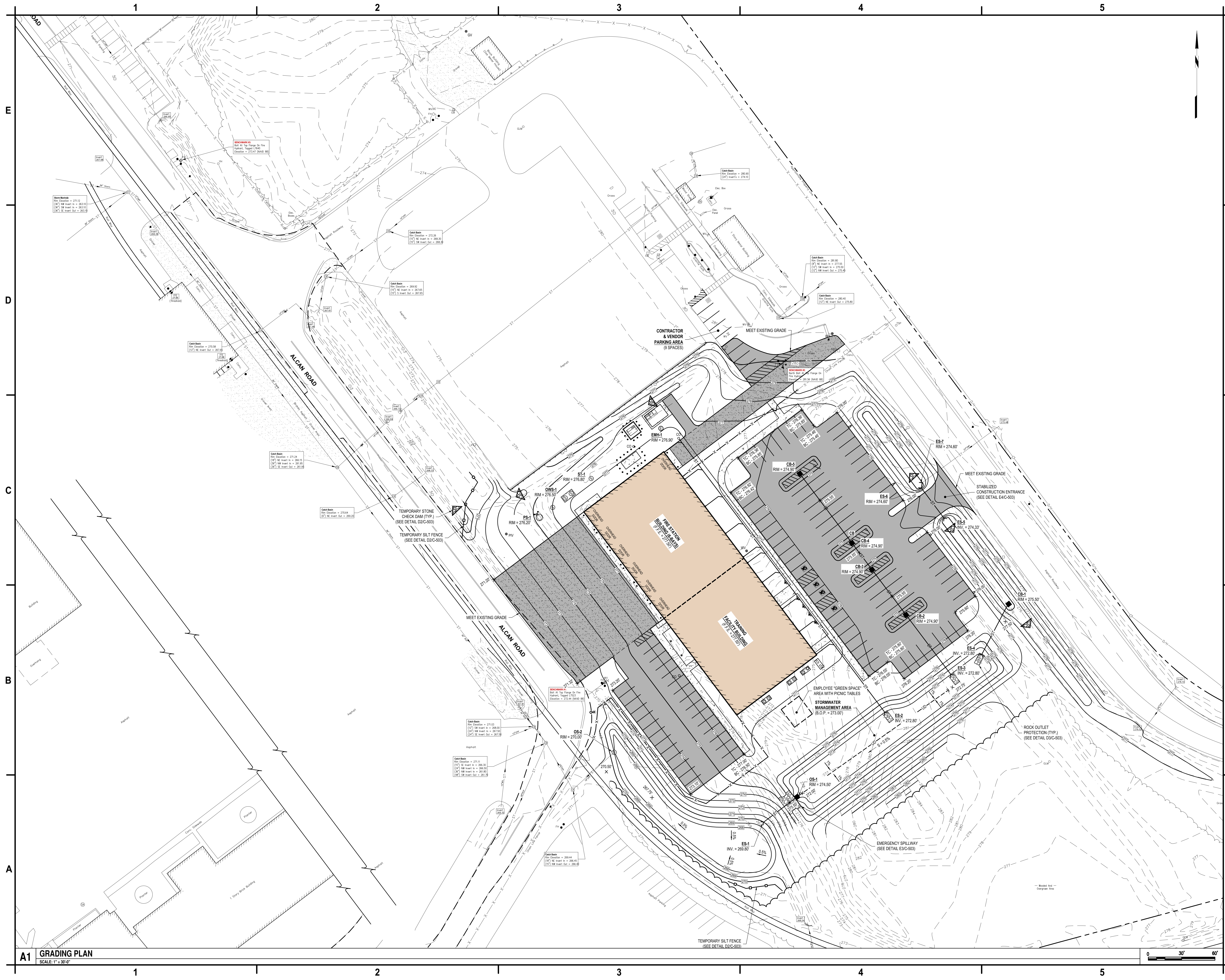
UTILITY PLAN

C&S DRAWING NO:
C-102

NOVELIS DRAWING NO:
75946

A1 UTILITY PLAN
SCALE: 1" = 30'-0"







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GRADING PLAN

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C-103
NOVELIS DRAWING NO:
75947

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New York State Section 401 Water Quality Certification



Department of
Environmental
Conservation

PRE-FILING MEETING REQUEST FORM



Prospective Applicant Information:

DEC ID (if known):

Name of Prospective Applicant:

Applicant must be ☐ property owner, ☐ lessee or ☐ operator (check which applies).

Email:

Phone:

Mailing Address: Street:

City:

State:

Zip:

Name of Property Owner (if different from prospective applicant):

Email:

Phone:

Mailing Address: Street:

City:

State:

Zip:

Prospective Application Contact or Contractor (if applicable):

Email:

Phone:

Mailing Address: Street

City:

State:

Zip:

Project Location (where work will be done):

Town (where property taxes paid):

County:

Street Address:

City:

State: NY

Zip:



Project Name and Description (short description of proposed work, including acreage of US Waters):



Attachments (check each box to indicate that the attachment is provided with this form):

- | | |
|---|---|
| <input type="checkbox"/> Project Location Map, required (with location marked) | <input type="checkbox"/> Project Drawings & Site Plan, if available |
| <input type="checkbox"/> Project Site Photos, if available | <input type="checkbox"/> Project SEQ Documents, if available |

Certification:

I hereby submit this form and the attachments indicated to request a pre-filing meeting for a Section 401 Water Quality Certification pursuant to 40 CFR §121.4. It is my intent to apply for a Section 401 Water Quality Certification for the project described in these materials, and any other DEC permits that may be required for the project, no earlier than 30 days from the date this pre-filing meeting request has been submitted. I also understand and acknowledge that DEC is not obligated to grant or respond to this request for a pre-filing meeting.



Prospective Applicant Signature

Date



Property Owner Signature
(if different than applicant)

Date