



**MONTGOMERY
COUNTY NY**

BUSINESS DEVELOPMENT CENTER

Made of Something Stronger

Meeting Notice

TO: Board Members
FROM: Karl Gustafson Jr.
DATE: October 15th , 2025
RE: Planning Board Meeting

The regular meeting of the Montgomery County Planning Board is scheduled for Wednesday October 15th, 2025 at 5:30 p.m. at the Montgomery County Business Development Center, 113 Park Drive, Fultonville, NY.

Please call Karl at (518) 853-8334 between 8:30 a.m. and 4:00 p.m. if you have any questions.

cc: The Recorder
Montgomery Co. Legislature
DPW

The Leader Herald
Daily Gazette



MONTGOMERY COUNTY PLANNING BOARD MEETING

Wednesday, October 15th, 2025

5:30 PM – Montgomery County Business Development Center

- I. Pledge of Allegiance
- II. Role Call
- III. Adoption of Agenda
- IV. Approval of previous meeting minutes
- V. Public comments on agenda items (3 minute limit per person)
- VI. Town of Amsterdam — Site Plan Review
- VII. Town of Canajoharie—Site Plan Review
- VIII. Any other business

Montgomery County Planning Board
Meeting Minutes
September 8th, 2025
(meeting held in MCBDC, 113 Park Drive, Fultonville)

MEMBERS PRESENT:

Mark Hoffman, Chairman
Peter Lyden, Member
Frank Maphia, Member
Irene Collins, Member
David Wiener, Vice Chairman
Frank Szykowski, Member

STAFF MEMBERS PRESENT:

Alex Kuttesch, Senior Planner
Karl Gustafson Jr., Grant Assistant

ABSENT:

Wayne DeMallie, Alternate
Betty Sanders, Alternate
Angela Frederick, Member
Erin Covey, Member

OTHERS PRESENT:

I. Call to Order

The meeting was called to order by Chairman Mark Hoffman at 6:31 p.m.

II. Roll Call

The roll call of board members was done by Chairman Hoffman.

III. Adoption of the Agenda

Irene Collins made a motion to adopt the agenda, Frank Szykowski seconded. All members present were in favor.

IV. Approval of Previous Meeting's Minutes

Peter Lyden made a motion to accept previous meeting minutes, David Wiener seconded the motion. The previous minutes were approved.

V. Public Comment

No public comment.

VI. Town of Amsterdam – Special Use Permit

Alex Kuttesch explained that this referral is a special use permit for a project located in the M-1 district and is a cannabis retail store. The Town of Amsterdam requires this type of business to get a special use permit.

David Wiener made a motion to approve the referral, seconded by Frank Szykowski. All were in favor.

The referral was approved.

VII. Town of Mohawk- Site Plan Review

Alex Kuttesch explained that this is site plan review in the Town of Mohawk for an agricultural maintenance business. The board approved the area variance at the previous months meeting. There are no major changes to the property except for a staging area for some equipment on the site.

David Wiener made a motion to approve, Seconded by Frank Szykowski. All were in favor.

The referral was approved.

VIII. Town of Mohawk- Site Plan Review

Alex Kuttesch stated that this referral is also a site plan review in the Town of Mohawk. The project is an agricultural equipment repair shop. The board approved the area variance at the previous month's meeting. There are no major changes to the property.

David Wiener made a motion to approve, Seconded by Frank Szykowski. All were in favor.

The referral was approved.

IX. Other Business

There was no other business.

X. Adjournment

Peter Lyden made a motion to adjourn the meeting at 5:50 p.m., seconded by Irene Collins. All were in favor.

Respectfully submitted,

Karl Gustafson Jr.
Economic Development Grant Assistant

REFERRAL FORM
MONTGOMERY COUNTY PLANNING BOARD

Referral Number _____
assigned by the MCPB upon
acceptance of referral for review

This Referral must be received SEVEN CALENDAR DAYS prior to the MCPB meeting date in order for it to be placed on the agenda.

TO: Montgomery County Planning Board,
Old County Courthouse,
PO Box 1500, Fonda, New York 12068
Phone: 518-853-8334
Fax: 518-853-8336

FROM: Municipal Board: PLANNING BOARD
Referring Officer: PLANNING BOARD SECRETARY
Mail original resolution to: TOWN OF AMSTERDAM
283 MANNYS CORNER RD
AMSTERDAM NY 12010
101 SANFORD FARMS SHOPPING

1. Applicant: WALMART STORES INC. 2. Site Address: CENTER, AMSTERDAM NY
3. Tax Map Number(s): 39-5-4.1 4. Acres: _____
5. Is the site currently serviced by public water? ☒ Yes ☐ No
6. On-site waste water treatment is currently provided by: ☒ Public Sewer or ☐ Septic System
7. Current Zoning: B-2 RESTRICTED BUSINESS 8. Current Land Use: WALMART STORE
9. Project Description: 2,685 sq addition to the north side of existing building to expand and enhance the grocery pick-up

10. MCPB Jurisdiction:

- ☐ Text Adoption or Amendment ☐ Site is located within 500' of: _____
☐ a municipal boundary.
☒ a State or County thruway/highway/roadway
☐ an existing or proposed State or County park/recreation area
☐ an existing or proposed County-owned stream or drainage channel
☐ a State or County-owned parcel on which a public building or institution is situated
☐ a farm operation within an Agricultural District (Incl. Ag data Statement) (does not apply to area variances)

11. PUBLIC HEARING: Date: 11/5/25 Time: 6:55 pm Location: Town of Amsterdam
283 MANNYS CORNER RD
AMSTERDAM NY 12010

Referred Action(s)

If referring multiple, related actions, please identify the referring municipal board if different from above.

12. ☐ Text Adoption or ☐ Amendment Referring Board: _____
☐ Comprehensive Plan ☐ Local Law ☐ Zoning Ordinance ☐ Other _____

13. ☐ Zone Change Referring Board: _____
Proposed Zone District: _____ Number of Acres: _____

Purpose of the Zone Change: _____

14. ☒ Site Plan ☐ Project Site Review Referring Board: PLANNING BOARD

Proposed Improvements: ENHANCE GROCERY PICK-UP

Proposed Use: _____

Will the proposed project require a variance? ☒ Yes ☐ No Type: ☒ Area ☐ Use

Specify: for side setback

Is a State or County DOT work permit needed? If Yes : ☐ State or ☐ County ☒ No

Specify: _____

15. ☐ Special Permit

Referring Board:

Section of local zoning code that requires a special permit for this use: _____

Will the proposed project require a variance? ☐ Yes ☐ No Type: ☐ Area ☐ Use

16. Variance

Referring Board:

☒ Area ☐ Use

SECTION 37 - BUSINESS P

Section(s) of local zoning code to which the variance is being sought: MANUFACTURING DISTRICTS

Describe how the proposed project varies from the above code section: DOES NOT COMPLY WITH THE 20 FEET REQUIREMENT

SEQR Determination

Action:

Finding:

☐ Type I

☐ Positive Declaration – Draft EIS

☒ Type II

☐ Conditional Negative Declaration

☐ Unlisted Action

☐ Negative Declaration

☐ Exempt

☐ No Finding (Type II Only)

SEQR determination made by (Lead Agency): NOT DETERMINE YET Date: _____

REQUIRED MATERIAL

Send 3 copies of a "Full Statement of the Proposed Action" which includes:

All materials required by and submitted to the referring body as an application

- If submitting site plans, please submit only 1 large set of plans, and 12 11x17 packets.
- All material may be submitted digitally as well at <http://www.mcbdc.org/planning-services/montgomery-county-planning-board-referrals/>

This referral, as required by GML §239 l and m, includes complete information, and supporting materials to assist the Montgomery County Planning Board (MCPB) in its review. Recommendations by MCPB shall be made to the Referring Body within thirty days of receipt of the Full Statement.

Darlene Thibodeau
Name, Title & Phone Number of Person Completing this Form

10/6/25
Transmittal Date

Planning Board Secretary
518-842-1217

This side to be completed by Montgomery County Planning.

REFERRAL FORM
MONTGOMERY COUNTY PLANNING BOARD

TO: _____

Receipt of 239-m referral is acknowledged on _____. Please be advised that the Montgomery County Planning Board has reviewed the proposal stated on the opposite side of this form on _____ and makes the following recommendation.

- ☐ Approves
- ☐ Approves (with Modification)
- ☐ Disapproves:
- ☐ No significant County-wide or inter-community input
- ☐ Not subject to Planning Board review
- ☐ Took no action

Section 239-m of the General Municipal Law requires that within thirty days after final action by the municipality is taken; a report of the final action shall be filed with the County Planning Board.

Date

Kenneth F. Rose, Director
Montgomery County Dept. of Economic
Development and Planning

2/10/2011

Application #:

Date:

2025 db4

7-21-25

CN# 220432

**Town of Amsterdam
Planning Board
Application to the Planning Board**

A completed Application must be filed at least fourteen (14) days prior to the meeting at which it is to be considered by the Planning Board, including all applicable attached information.

Applicant: Karlen Alvarado, Walmart Stores, Inc. Applicant's Representative: Justin Lattierre, P.E.
(must be property owner) (if applicable) Colliers Engineering & Design
Address: 2608 SE J Street Address: 280 E Broad Street, 200
Bentonville, AR 72716 Rochester, NY 14604

Phone: () (479) 657-5576

Phone: () (585) 498-7850

Professional Advisor: Justin Lattierre, P.E.
(i.e. Engineer, Architect, Surveyor, etc.)
Address: 280 E Broad Street, 200
Rochester, NY 14604

Other : _____
(if appropriate, please specify)
Address: _____

Phone: () (585) 498-7850

Phone: () _____

Property Location

Address: 101 Sanford Farms Shopping Center, Amsterdam, NY 12010

General Location: Route 30 & Miami Ave

Zoning District: Restricted Business B-2

Tax Parcel ID # (SBL) 39.-5-4.1

Type of Application (please check appropriate box(s)):

☐ Subdivision

☒ Site Plan

☐ Special Use Permit

☐ Planned Unit Development Review (formal action required by Town Board)

Attached please find Appendix A-SEQR compliance, and Appendix B-Ag. Data Statement compliance. Compliance with these items is required under the applicable NYS Laws, a brief explanation is included in the appendices to assist the applicant. For specifics on submission/application requirements, procedures, time frames, etc., the applicant should refer to the applicable Town regulations (Zoning, Subdivision, etc.) and/or NYS law (SEQR, Ag. & Markets, General Municipal, etc.).

Karlen Alvarado
Applicant

July 9, 2025 | 14:55 CDT

Date

[Signature]
Applicant's Representative

07/09/25
Date

July 16, 2025

Town of Amsterdam
Planning Board
283 Manny's Corner Road
Amsterdam, NY 12010

Dear Members of the Board,

On behalf of the applicant, Walmart Stores Inc., Colliers Engineering & Design is pleased to submit the following items for Site Plan Review. The proposed site improvements to the Walmart Store #2146 located at 101 Sanford Farms Shopping Center, Amsterdam, NY 12010, zoned in B-1 Business, will be conducted in conjunction with an architectural building expansion. The existing store is 185,799 square feet. The proposed building modifications include a 2,685-square-foot addition to the north side of the existing building, replacing the current garden area. With this addition, the total store floor area will increase to 188,484 square feet. This results in a building lot coverage of 23.84%, which remains below the maximum 25% permitted by town code and is therefore compliant. Associated site work will include grading, striping, and signage. The project will disturb approximately 0.41 acres, with minimal impact on existing drainage patterns, a SWPPP is not required. The expansion is intended to enhance the grocery pickup experience at the store.

Proposed changes to the online pickup and delivery area are shown on sheet C100. These modifications will increase the number of designated pickup spaces from 18 to 37. Over the past year, the store has averaged 18 pickup orders per day, primarily between 9:00 AM and 3:00 PM, per the data provided by Walmart. Both the existing standard parking spaces and the proposed pickup spaces measure 9.5 feet by 20 feet, in compliance with town code requirements. As shown on sheet C080, the curb has been shifted back 23 feet, resulting in partial sidewalk removal and the removal of four deciduous trees, four evergreen trees, and one deciduous shrub. A detailed planting list and landscape plan are provided on sheet C130.

Overall, these changes result in a net increase of 26 parking spaces, bringing the total on-site count from 843 to 869 spaces. This raises the parking ratio from 4.54 to 4.61 spaces per 1,000 square feet, which complies with the Town's requirement of 1 space per 300 square feet of gross leasable floor area for a shopping center. Minor updates to on-site striping and directional signage are also proposed, as shown on plan sheets SSM-1 and SECP-1, to align with current Walmart design standards. Two existing light poles will be relocated and fitted with additional heads, and one new light pole will be installed in the expanded pickup area. Additionally, four EWAS wall packs are proposed on the building. These lighting improvements are intended to enhance safety for



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& Design

customers and associates and have been designed in accordance with town code. Photometric details for the proposed lighting can be found on sheet C160. Please note that photometric data is not provided for areas outside the modified section, as no changes are proposed to those existing light poles, which were assumed to have been approved in the most recent site plan application.

Proposed building signage updates are shown on architectural sheet A2.1. The number of signs has increased; however, the total square footage of building signage has decreased by 407.96 square feet. The proposed signage falls well below the original signage variance granted in 2006 by the Town of Amsterdam Zoning Board of Appeals, making us compliant with the previous variance. The revised signage layout breaks branding out into more detailed components to support clearer navigation and reflects the current design standard for Walmart. There are no increases in the size or footprint of individual signs, nor any changes that would require additional structural support, new framing, or major modifications to the building façade. Exterior paint modifications are shown on architectural sheet A2.

We kindly request we be placed on the next planning board meeting on Wednesday August 6, 2025. We ask that a copy of any posted publications for this project and any meeting agendas prepared prior to the meeting be forwarded for review. If you have any questions or require additional information, please contact me at 585-498-7850 or justin.lattierre@collierseng.com, or Marah MacKenzie at (585) 498-7912 or marah.mackenzie@collierseng.com.

Ten (10) Hard copies of the following are included:

- Site Plan Application
- Letter of Intent
- Short Environmental Assessment Form with attached DEC Wetlands Determination Letter
- Check for fees in the amount of \$350, mailed separately
- Civil Drawings – Full Set (One (1) 30" x 42" & Nine (9) 11" x 17" copies)
 - C000 – Cover Sheet
 - SSM-1 – Stop Signs and Markings Plan
 - SECP-1 – Demolition and Site Construction Plan
 - SECP-2 – Demolition and Site Construction
 - C053 – Erosion and Sediment Control Plan
 - C080 – Demolition Plan
 - C100 – Site Plan
 - C110 – Utility Plan
 - C120 – Grading Plan
 - C130 – Landscape Plan and Details
 - C160 – Lighting Plan
 - SECP-SSM Details 1 – SECP and Stop Signs and Markings Detail Sheet
 - SECP-SSM Details 2 – SECP and Stop Signs and Markings Detail Sheet



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- OPD DETAILS – Pickup Signage and Marking Details
- C500 – Lighting and Storm Details
- C501 – SWPPP Details
- C502 – SWPPP Details
- C503 – Pavement and Site Details
- C504 – Water and Sanitary Sewer Details
- CSS-1 – Specification Sheet
- CSS-2 – Specification Sheet
- Architectural Drawing – Partial Set
 - A2 – Elevation Plan
 - A2.1 – Exterior Details and Signage

Sincerely,

A handwritten signature in black ink, appearing to read "Justin Lattierre", written in a cursive style.

Justin Lattierre
Geographic Discipline Leader, Civil/Site
Colliers Engineering & Design

2/10/2011

Application #: _____

Date: _____

**Town of Amsterdam
Planning Board
Application to the Planning Board**

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(must be property owner) (if applicable) Colliers Engineering & Design
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Bentonville, AR 72716 Rochester, NY 14604

Phone: () (479) 657-5576 **Phone:** () (585) 498-7850

Professional Advisor: Justin Lattierre, P.E. **Other :** _____
(i.e. Engineer, Architect, Surveyor, etc.) (if appropriate, please specify)
Address: 280 E Broad Street, 200 **Address:** _____
Rochester, NY 14604

Phone: () (585) 498-7850 **Phone:** () _____

Property Location

Address: 101 Sanford Farms Shopping Center, Amsterdam, NY 12010

General Location: Route 30 & Miami Ave

Zoning District: Restricted Business B-2

Tax Parcel ID # (SBL) 39.-5-4.1

Type of Application (please check appropriate box(s)):

- ☐ Subdivision
☒ Site Plan
☐ Special Use Permit
☐ Planned Unit Development Review (formal action required by Town Board)

Attached please find Appendix A-SEQR compliance, and Appendix B-Ag. Data Statement compliance. Compliance with these items is required under the applicable NYS Laws, a brief explanation is included in the appendices to assist the applicant. For specifics on submission/application requirements, procedures, time frames, etc., the applicant should refer to the applicable Town regulations (Zoning, Subdivision, etc.) and/or NYS law (SEQR, Ag. & Markets, General Municipal, etc.).

Karlen Alvarado July 9, 2025 | 14:55 CDT [Signature] 07/09/25
Applicant Date Applicant's Representative Date

Short Environmental Assessment Form

Part 1 - Project Information

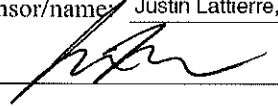
Instructions for Completing

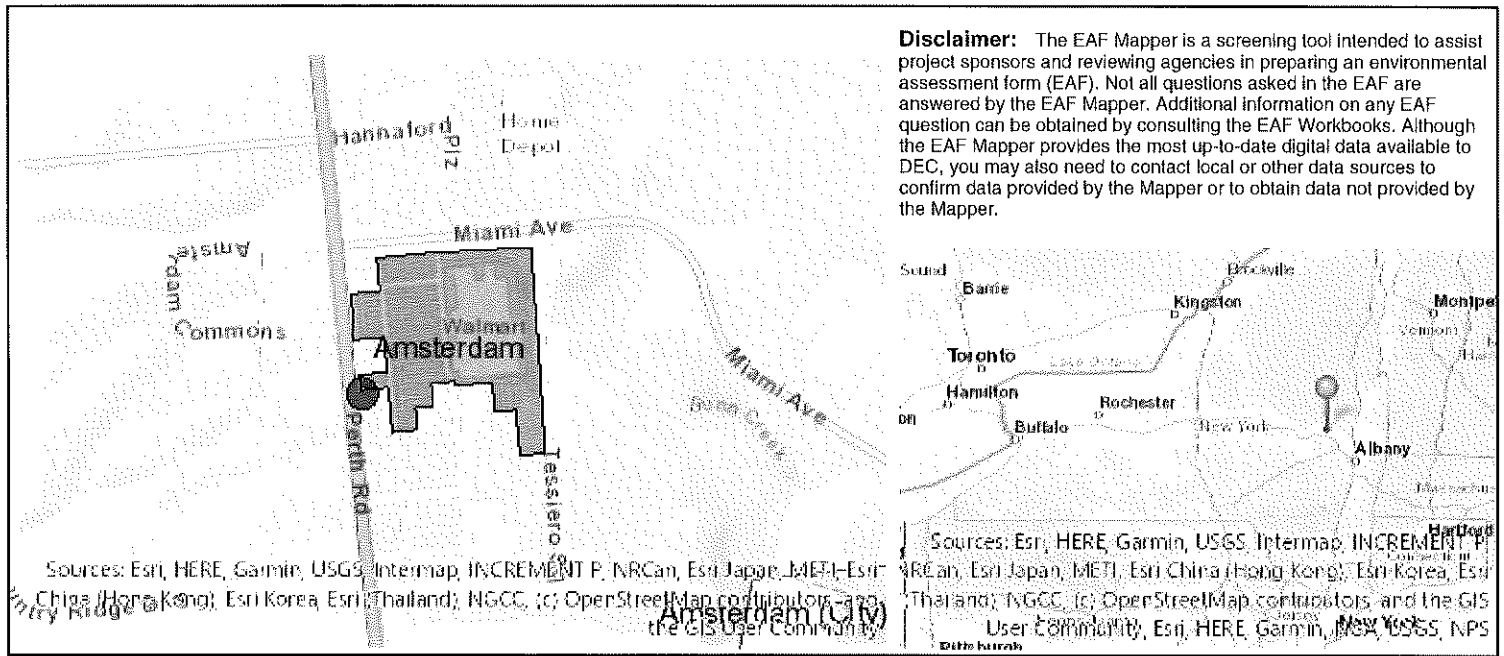
Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available.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

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

Part 1 – Project and Sponsor Information			
Name of Action or Project: Walmart Store #2146 Amsterdam, NY - Remodel Project			
Project Location (describe, and attach a location map): 101 Sanford Farms Shopping Center, Amsterdam, NY 12010			
Brief Description of Proposed Action: The proposed site improvements to the Walmart Store #2146 located at 101 Sanford Farms Shopping Center, Amsterdam, NY 12010 will be conducted in conjunction with an architectural building expansion. The existing store is 185,799 square feet. The proposed building modifications include a 2,685-square-foot addition to the north side of the existing building, replacing the current garden area. With this addition, the total store floor area will increase to 188,484 square feet. Associated site work will include grading, striping, and signage. The project will disturb approximately 0.41 acres, with minimal impact on existing drainage patterns, so a SWPPP is not required. The expansion is intended to enhance the grocery pickup experience at the store.			
Name of Applicant or Sponsor: Justin Lattierre, P.E.		Telephone: (585) 498-7850 E-Mail: justin.lattierre@collierseng.com	
Address: 280 E Broad Street, Suite 200			
City/PO: Rochester		State: NY	Zip Code: 14604
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.			NO ☐
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval: Town of Amsterdam Planning Board approval			YES ☒
3. a. Total acreage of the site of the proposed action? _____ 18.13 acres b. Total acreage to be physically disturbed? _____ 41 acres c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ 18.13 acres			
4. Check all land uses that occur on, are adjoining or near the proposed action:			
5. ☐ Urban ☐ Rural (non-agriculture) ☐ Industrial ☒ Commercial ☐ Residential (suburban) ☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other(Specify): ☐ Parkland			

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

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply: ☐ Shoreline ☐ Forest ☐ Agricultural/grasslands ☐ Early mid-successional ☐ Wetland ☒ Urban ☐ Suburban		
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	NO	YES
	☒	☐
16. Is the project site located in the 100-year flood plan?	NO	YES
	☒	☐
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes, a. Will storm water discharges flow to adjacent properties? b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: _____ _____ Roof drainage from the addition will connect to the established conveyance system at an existing storm water pipe. Drainage patterns across the expansion area and the rest of the site will remain the same as the existing conditions.	NO	YES
	☐	☒
	☒	☐
	☐	☒
18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)? If Yes, explain the purpose and size of the impoundment: _____ _____	NO	YES
	☒	☐
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe: _____ _____	NO	YES
	☒	☐
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe: _____ _____	NO	YES
	☒	☐
I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE Applicant/sponsor/name: <u>Justin Lattierre, P.E.</u> Date: <u>07/16/25</u> Signature: <u></u> Title: <u>Geographic Discipline Leader, Civil/Site</u>		



Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National or State Register of Historic Places or State Eligible Sites]	Yes
Part 1 / Question 12b [Archeological Sites]	No
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	Yes - Digital mapping information on local, New York State, and federal wetlands and waterbodies is known to be incomplete. Refer to the EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal]	No
Part 1 / Question 16 [100 Year Flood Plain]	No
Part 1 / Question 20 [Remediation Site]	No



LETTER OF NO JURISDICTION – FRESHWATER WETLANDS

05/21/2025

Justin Lattierre

280 E Broad St #200, Rochester, NY 14604

Sent via email to: justin.lattierre@collierseng.com

Re: DEC Freshwater Wetlands Parcel Jurisdictional Determination for Parcel
39.-5-4.1 (SWIS_ID: 27208939.-5-4.1), Montgomery County

Dear Justin Lattierre,

Based on the parcel identified in your request, the New York State Department of Environmental Conservation (DEC) has determined that there are no DEC regulated freshwater wetlands and/or adjacent areas identified on the parcel referenced above. Therefore, in accordance with Article 24 of the Environmental Conservation Law (ECL) and 6 NYCRR Part 663, no freshwater wetlands permit is required. Pursuant to ECL section 24-0703, this letter shall remain valid for a period of five years from the date it is issued (through 05/19/2030).

Please note that this determination pertains only to state-regulated, freshwater wetlands and regulated adjacent areas. DEC also regulates protected streams, tidal wetlands, coastal erosion hazard areas, and other important environmental resources. Work affecting those areas may also require DEC permits. More information on other DEC permit programs is available online at <https://dec.ny.gov/regulatory/permits-licenses/environmental-permits>.

In addition, please note that this letter does not relieve you of the responsibility of obtaining any other necessary permits or approvals from other local, state, or federal agencies.

If you have questions regarding this determination, please email
FWWjurisdiction@dec.ny.gov.



283 Manny's Corners Road
Amsterdam, New York 12010

Telephone (518) 842-7961
Fax No. (518) 843-6136

August 31, 2025

TO: TOWN OF AMSTERDAM
ZONING BOARD OF APPEALS

FROM: TOWN OF AMSTERDAM
PLANNING BOARD

RE; WALMART EXPANSION

At the Planning Board monthly meeting on August 6, 2025, the site plan review for Walmart expansion was in front of the Board.

Town engineer, Adam Yagelski said according to Section 37 of the town code, which states, in business and manufacturing districts, parking in any front yard shall be separated from the street or highway right-of-way by a lawn or plantings area 20 feet or more for a shopping center. This project does not comply with those requirements, the proposed modifications off of Miami Ave are between 8.7' and 11.7'. To accommodate the current plan, an area variance may be needed. What the Planning Board can do is refer this matter over to the ZBA with a positive recommendation. This would be a Type 2 action under SEQR. It is an expansion less than 4,000 sq ft, there is no SEQR correspondence needed that would get in the way of a fairly smooth process between the two Boards.

A motion was made and second to refer this matter to the Zoning Board with a positive recommendation for allowing the reduce setback.

Thank you for reviewing this matter.

Alex Kuchis

Chairman
Town of Amsterdam
Planning Board

August 27, 2025

Town of Amsterdam
Zoning Board of Appeals
Michael Fariello, Chairman
283 Manny's Corner Road
Amsterdam, NY 12010

Dear Mr. Fariello and Members of the Board,

On behalf of the applicant, Walmart Stores Inc., Colliers Engineering & Design respectfully submits this request for Zoning Board of Appeals approval to grant relief from Article 9, Section 37 of the Town of Amsterdam Zoning Ordinance. The proposed site improvements to the Walmart Store #2146 located at 101 Sanford Farms Shopping Center, Amsterdam, NY 12010, zoned in B-1 Business on a corner lot with frontage along Miami Avenue and Route 30, will be conducted in conjunction with an architectural building expansion. The existing store is 185,799 square feet. The proposed building modifications include a 2,685-square-foot addition to the north side of the existing building, replacing the current garden area. With this addition, the total floor area will increase to 188,484 square feet. This results in a building lot coverage of 23.84%, which remains below the maximum 25% permitted by the town code. Associated site work will include grading, striping, and signage. The project will disturb approximately 0.43 acres, with minimal impact on existing drainage patterns. The expansion is intended to enhance the grocery pickup experience at the store.

Proposed changes to the online pickup and delivery area are shown on sheet C100. These modifications will increase the number of designated pickup spaces from 18 to 37. Both the existing standard parking spaces and the proposed pickup spaces measure 9.5 feet by 20 feet. As shown on sheet C080, the curb has been shifted back 23 feet, resulting in partial sidewalk removal and the removal of four deciduous trees, four evergreen trees, and one deciduous shrub. A detailed planting list and landscape plan are provided on sheet C130. Overall, these changes result in a net increase of 26 parking spaces, bringing the total on-site count from 843 to 869 spaces. Relief is requested from the requirement under Article 9, Section 37 that parking in Business and Manufacturing Districts be separated from the street or highway right-of-way by a lawn or planting area 10 feet wide for retail stores. With the proposed changes, the buffer width along the Miami Avenue frontage will measure 6.2 feet at its narrowest point, as seen on sheet C010. This variance is limited in scope and necessary to support the safe and efficient operation of the expanded pickup area.

Granting the variance will not alter neighborhood character or create a detriment to nearby properties. The reduction in front-yard landscape depth is confined to a defined segment along the



Engineering
& Design

Miami Avenue frontage adjacent to the Online Pickup & Delivery (OPD) area; all other frontage conditions remain unchanged. The landscape plan (Sheet C130) provides replacement plantings and maintains a continuous green edge. Feasible alternatives are limited, relocating the OPD parking stalls away from the designated pickup doorway would lengthen the walking path for the store associate and introduce conflicts near the Miami Avenue entrance. The requested relief is tailored to align stalls with the OPD doorway, internal circulation, and represents the minimum variance necessary to operate the OPD area safely and efficiently while preserving compliance with coverage limits and overall neighborhood character.

We kindly request we be placed on the next Zoning Board of Appeals meeting on Wednesday September 10, 2025. We ask that a copy of any posted publications for this project and any meeting agendas prepared prior to the meeting be forwarded for review. If you have any questions or require additional information, please contact me at 585-498-7850 or justin.lattierre@collierseng.com, or Marah MacKenzie at (585) 498-7912 or marah.mackenzie@collierseng.com.

Five (5) Hard copies of the following are included:

- Zoning Board of Appeals Application
- Letter of Intent
- Civil Drawing –
 - C010 – Overall Site Plan
 - C080 – Demolition Plan
 - C100 – Site Plan
 - C130 – Landscaping Plan
 - OPD Details – Pickup Signage and Marking Details

Sincerely,

A handwritten signature in black ink, appearing to read "Justin Lattierre", written over a horizontal line.

Justin Lattierre
Geographic Discipline Leader, Civil/Site
Colliers Engineering & Design

Application #: ZBA-____-____

Date: _____

**Town of Amsterdam
Zoning Board of Appeals**

Application to Board of Appeals

CHECKLIST

- ☒ 1) Completed, signed and notarized Application to Board of Appeals (including this checklist and all information required hereon)
- ☒ 2) Tax Map indicating property in question and SBL or Tax parcel ID #
- ☒ 3) A complete sketch plan drawing with all appropriate dimensions and information
- ☒ 4) Copy of denied Application, including the Administrative Officer's Denial
- ☒ 5) Copy of any supporting documentation submitted with the Zoning Permit Application including, but not limited to photos, notarized statements, etc.
- ☒ 6) If appropriate, and at a minimum, a completed Part I of a Short Environmental Form (SEQR) (see attached), for type 1 actions please use Part I of a Full Environmental Form (SEQR) (also attached).
- N/A 7) If the property is a farm operation within a New York State Agricultural District or with boundaries within 500 feet of a farm operation located in a New York State Agricultural District, the applicant must complete and submit (with this application) a completed Agricultural Data Statement (Ag. and Markets) (see attached)
- ____ 8) Other a) explain: _____
- b) explain: _____
- c) explain: _____
- d) explain: _____
- e) explain: _____

2/10/2011

Application #: ZBA-____-

Date: _____

**Town of Amsterdam
Zoning Board of Appeals**

Application to Board of Appeals

A completed Application must be filed at least ten (10) days prior to the meeting at which it is to be considered by the Zoning Board of Appeals.

Applicant: <u>Karlen Alvarado, Walmart Inc.</u>	Property Owner: _____ (if different)
Address: <u>2608 SE J Street</u> <u>Bentonville, AR 72716</u>	Address: _____
Phone: () <u>479-657-5576</u>	Phone: () _____
Professional Advisor: <u>Justin Lattiere, PE</u>	Other : _____ (if appropriate)
Address: <u>280 E Broad Street, Suite 200</u> <u>Rochester, NY 14604</u>	Address: _____
Phone: () <u>585-498-7850</u>	Phone: () _____

1.) Property Location

Address: 101 Sanford Farms Shopping Center, Amsterdam, NY 12010

General Location: Route 30 & Miami Ave

Zoning District: B-1 Business

Tax Parcel ID # (SBL) 39.-5-4.1

2.) Type of Application (please check appropriate box(s)):

- ☐ Interpretation of the Zoning Law and/or map
- ☒ Area Variance
- ☐ Use Variance
- ☐ Temporary Permit
- ☐ Other _____

3.) For variances and interpretations, indicate the articles(s), section(s), subsection(s) and paragraph(s) of the Zoning Law that apply (by number)

article - 9

section - 37

subsection - _____

paragraph - _____

4.) If previous applications have been made with respect to this property, indicate the Application(s) or Appeal Number(s) and Date(s) below

_____ date _____

_____ date _____

_____ date _____

_____ date _____

_____ date _____

5.) Indicate the reason for the filing of this application. Complete only the relevant blanks below (attach extra sheets, if necessary)

A. Interpretation: _____

B. Area Variance: _____

Pursuant to Section 37, "In Business and Manufacturing Districts parking in any front yard shall be separated from the street or highway right-of-way by a lawn or planting area 10 feet or more wide and 20 feet or more for a shopping center." The proposed project does not comply with this requirement, where the proposed modifications front Miami Ave., 6.5 feet is provided.

C. Use Variance: _____

D. Temporary Permit: _____

E. Extension of a Temporary Permit: _____

F. Other _____:

State of Arkansas
County of Benton

Sworn to this 28th day of August, year of 2025.

[Signature]
Signature of Applicant

Linda Stelljes
Notary Public

LINDA STELLJES
NOTARY PUBLIC
BENTON COUNTY, ARKANSAS
COMM. EXP. 12/01/27
COMMISSION NO. 12703323

State of Arkansas
County of Benton

Sworn to this 28th day of August, year of 2025.

[Signature]
Signature of Property Owner
(if different)

Linda Stelljes
Notary Public

LINDA STELLJES
NOTARY PUBLIC
BENTON COUNTY, ARKANSAS
COMM. EXP. 12/01/27
COMMISSION NO. 12703323

For Office Use Only

Applicant#: _____

Other fees: _____

Application Fee: \$ _____

Description: _____

(if applicable)

\$ _____

\$ _____

Total Amount Received: \$ _____

Date Received: _____

Check # _____

Received by: _____

For Zoning Board of Appeals Use Only:

The Zoning Board of Appeals held a Public Hearing on _____ (day) of _____ (date),
_____ (year) in consideration of this application.

The Application is hereby:

☐: approved

☐: approved with modifications

☐: disapproved

Modifications and comments: _____

Secretary, Town of Amsterdam
Zoning Board of Appeals

Chairperson, Town of Amsterdam
Zoning Board of Appeals

Date

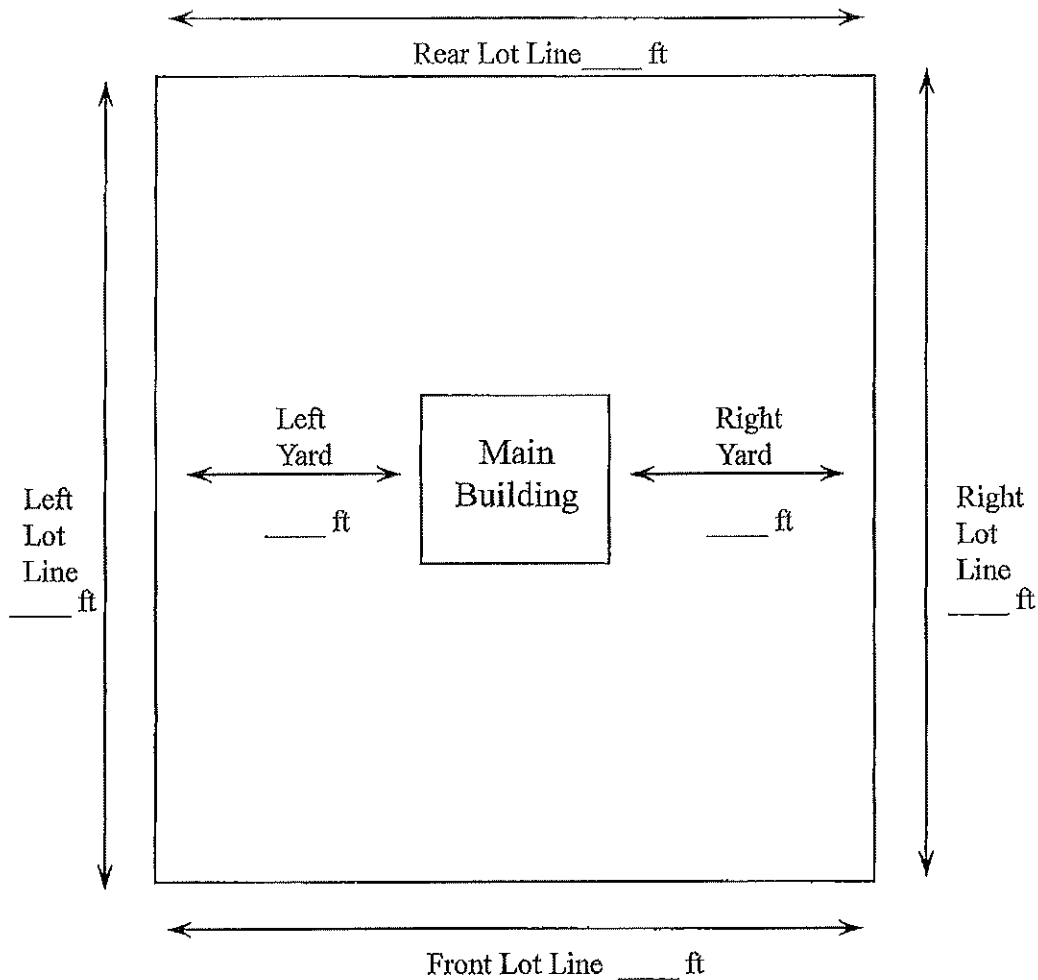
Date

SKETCH PLAN

Application #: _____

Date: _____

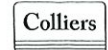
Please see sheet C010 submitted with Application.



•Please locate main building, accessory building, any additions, and any significant features, including but not limited to well and septic location giving all pertinent yard dimensions.

•Below, please identify the type and approximate distance of any structures within 50' of the structure or area in question, on neighboring properties.

TYPE	DISTANCE (FT)



Engineering
& Design

www.colliersengineering.com

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Formerly known as **B** BERGMAN



FOR STATE SPECIFIC DIRECT PHONE NUMBER
VISIT: WWW.CALL811.COM

DEMOLITION NOTES:

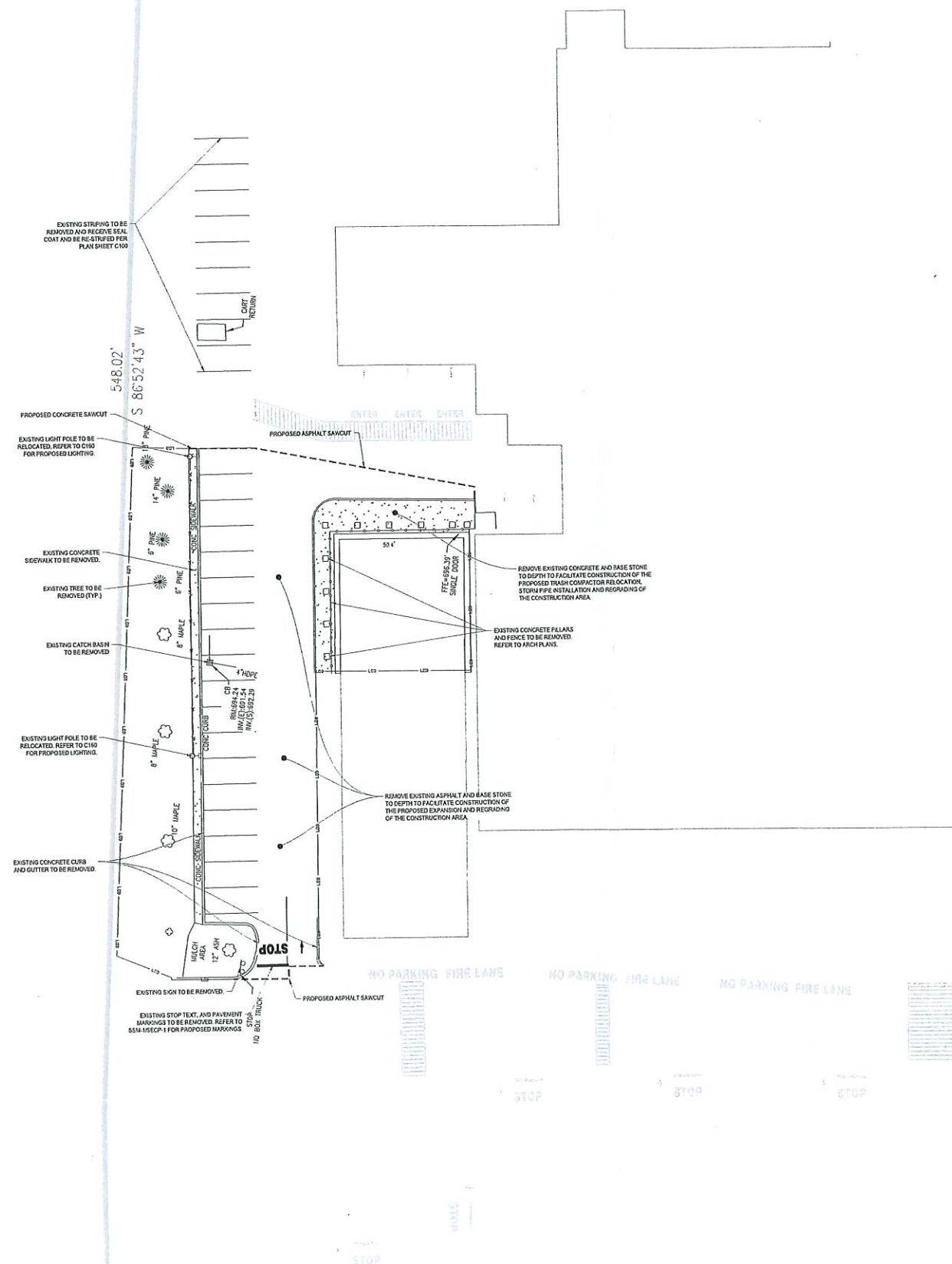
1. ALL REQUIRED DEMOLITION PERMITS SHALL BE OBTAINED FROM ALL APPLICABLE AGENCIES PRIOR TO THE COMMENCEMENT OF WORK.
2. ANY ASBESTOS REMOVAL MUST BE DONE BY A CERTIFIED ASBESTOS ABATEMENT CONTRACTOR.
3. ALL UTILITY COMPANIES MUST BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF DEMOLITION.
4. PROPER FENCING OR PUBLIC PROTECTION DEVICES MUST BE INSTALLED AND MAINTAINED AROUND THE PERIMETER OF THE SITE AT ALL TIMES DURING THE DEMOLITION PHASE.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL DUST, DIRT, AND DEBRIS DURING BOTH DEMOLITION AND CONSTRUCTION PHASES.
6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING IT IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR SOLIDATION AND WASTE DISPOSAL, INCLUDING THOSE RELATED TO ASBESTOS ABATEMENT.

DEWATERING NOTE:

WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE, AND GROUNDWATER MANAGEMENT TO CONTROL SOIL MOISTURE.

REFER TO THE MASTER SITE SPECIFICATIONS.

THE CONTRACTOR SHALL CONTACT 811 TO LOCATE ALL UTILITIES AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.



Walmart 
Walmart Stores, Inc.
2608 SE J Street
Bentonville, AR 72716

Store # 02146-252
101 SANFORD FARMS
SHOPPING CENTER
AMSTERDAM, NY

Colliers
Engineering
& Design

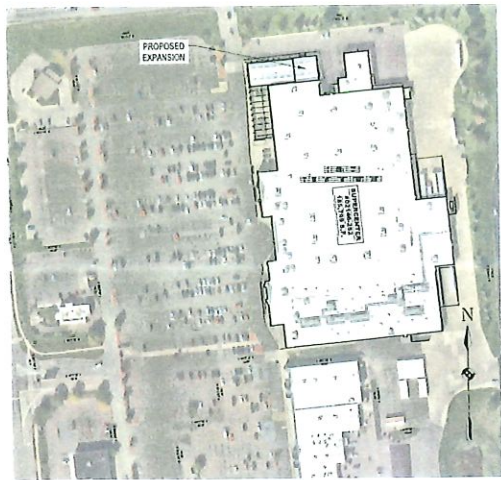
ROCHESTER
260 East Broad Street
Suite 200
Rochester, NY
Phone: 585.232.5135
CIVIL ENGINEERING & DESIGN
ELECTRICAL, INSTRUMENTATION
& CONTROL ENGINEERING
MECHANICAL ENGINEERING

SCALE:	DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	07/11/25	ANM	JVL
PROJECT NUMBER:		DRAWING NAME:	REVIEWED:

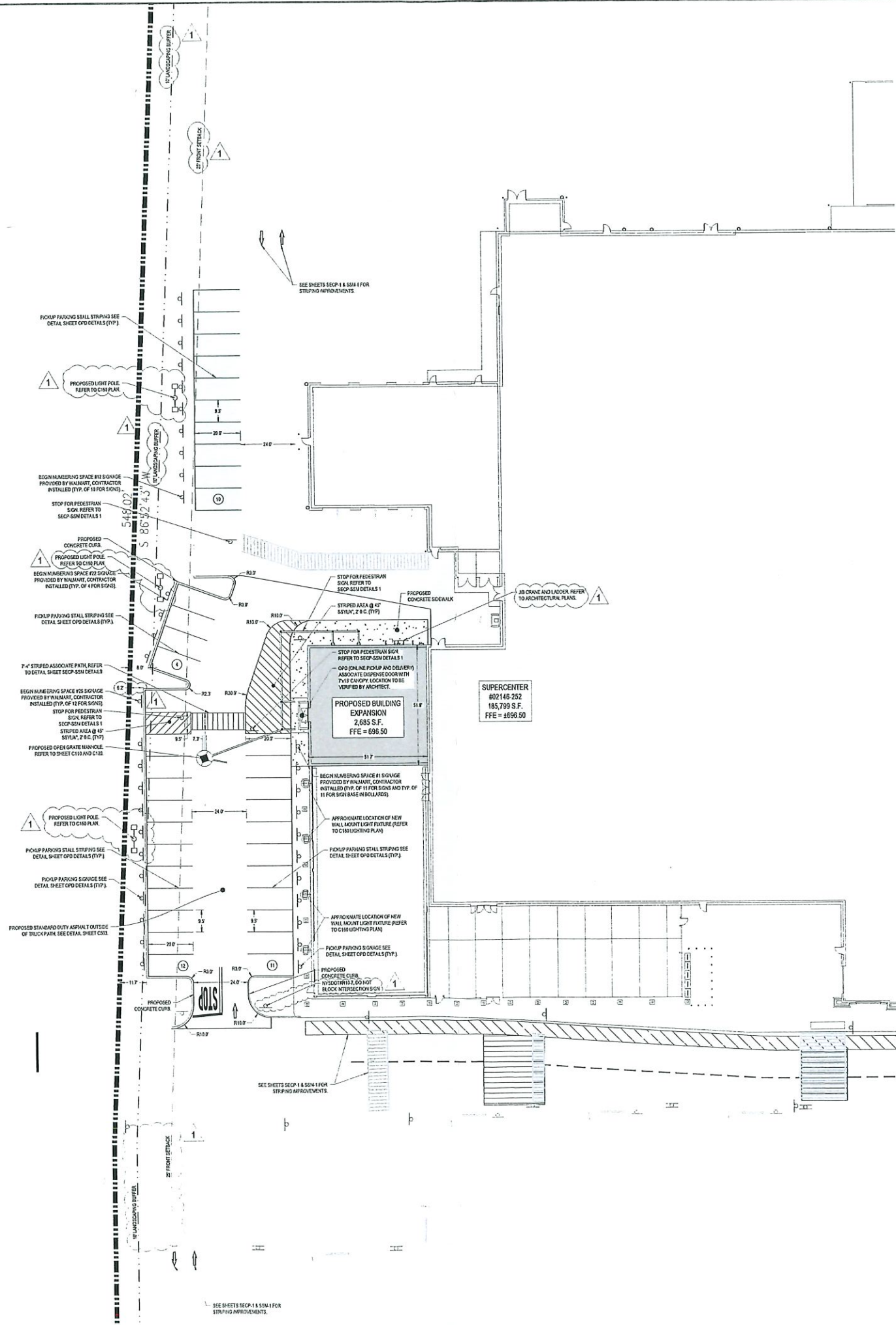
SHEET TITLE: **DEMOLITION
PLAN**

Sheet No. 143

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION



LOCATION MAP
N.T.S.



LEGEND

- CONCRETE
- ASPHALT PAVEMENT SECTION
- SEAL COAT
- BUILDING EXPANSION LIMITS
- NUMBER OF PARKING SPACES
- PROPERTY LINE
- SETBACK LINE
- LANDSCAPING BUFFER

NOTICE TO CONTRACTOR

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THAT DAMAGE TO EXISTING ITEMS TO REMAIN DOES NOT OCCUR. THESE PRECAUTIONS SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO, THE USE OF LIGHTLY LOADED EQUIPMENT IN ORDER TO PREVENT DAMAGE TO EXISTING ROADWAYS AND INFRASTRUCTURE. UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED TO ANY EXISTING ON SITE OR OFF-SITE ITEMS, INCLUDING RELATED APPURTENANCES THAT WILL REMAIN IN PLACE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE. THOSE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, DRAINAGE SYSTEMS, UTILITIES, CURBS, PAVEMENT, LANDSCAPING, IRRIGATION SYSTEMS, FENCING, RETAINING WALLS, PUBLIC ROADWAYS, AND SO ON. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS AND SHALL BE TO THE SATISFACTION OF THE OWNER OF THE REPAIRED ITEM. PRIOR TO MAKING ANY REPAIRS, THE CONTRACTOR SHALL SUBMIT DETAILED REPAIR METHODOLOGY TO THE CEC AND WALMART CM. REPAIRS SHALL NOT BEGIN UNTIL WRITTEN APPROVAL FROM THE CEC AND THE WALMART CM HAS BEEN ISSUED. THE CONTRACTOR SHALL DOCUMENT ANY EXISTING DAMAGE WITH PHOTOS, VIDEOS, ETC., AND NOTIFY THE WALMART CONSTRUCTION MANAGER PRIOR TO COMMENCING CONSTRUCTION IN THE AREA OF THE EXISTING DAMAGE.

SEALCOAT NOTE:

CONTRACTOR SHALL INSTALL SEALCOAT ON EXISTING ASPHALT PAVING AT ANY STRIPED AREA THAT IS PART OF THE PICKUP SCOPE OF WORK, AS WELL AS ADDITIONAL ASSOCIATED PARKING SPACES REQUIRED TO BE STRIPED AS SHOWN ON THESE PLANS FOR EXISTING CONCRETE SURFACES. THE GENERAL CONTRACTOR (GC) IS TO PREPARE THE SURFACE FOR PAINT ONLY.

CONTRACTOR SHALL REFER TO SECP-1 PLAN SHEET FOR ADDITIONAL INFORMATION AND IMPROVEMENTS.

SITE NOTES:

- ALL SITE WORK SHALL MEET OR EXCEED THE 'SITE SPECIFIC SPECIFICATIONS', WHERE CONFLICTS WITH REQUIREMENTS OF UTILITY COMPANIES OR OTHER JURISDICTION OCCUR, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
- ALL NECESSARY INSPECTIONS, APPROVALS, AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR AUTHORITIES SHALL BE COMPLETED PRIOR TO ACCEPTANCE BY THE OWNER AND THE FINAL CERTIFICATION OF SERVICES.
- CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AROUND THE CONSTRUCTION AREA AND CONTRACTOR'S TEMPORARY PARKING AND STORAGE AREA DURING CONSTRUCTION.
- CONTRACTOR SHALL KEEP ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. BEYOND THE PROTECTED WORK AREA CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR ACCESS TO AND FROM THE SITE. CONTRACTOR SHALL COORDINATE PHASE ALL CONSTRUCTION ACTIVITY WITHIN THE PROXIMITY OF THE EXISTING STORE WITH THE WALMART CONSTRUCTION MANAGER AND WALMART STORE MANAGER TO MINIMIZE DISTURBANCE AND INCONVENIENCE TO THE WALMART STORE'S OPERATIONS AND WALMART CUSTOMERS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE PUBLIC, MAINTAIN SAFE CONSTRUCTION CONDITIONS, AND PROVIDE ADEQUATE TRAFFIC FLOW AT ALL TIMES. TEMPORARY TRAFFIC CONTROL DEVICES, SUCH AS SIGNAGE, STRIPING, FENCING, BARRICADES, ENCLOSURES, BARRIERS, ETC. SHALL BE USED IN THE BEST POSSIBLE MANNER AND AS APPROVED BY THE WALMART CONSTRUCTION MANAGER. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN THEIR PROPER POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY. ALL CONSTRUCTION WARNING SIGNS SHALL BE PROMPTLY REMOVED OR COVERED WHENEVER THE MESSAGE IS NOT APPLICABLE OR NOT IN USE. EXISTING TRAFFIC ARROWS, PAINTED END CAPS, STOP BARS AND OTHER PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL PAVEMENT MARKINGS AND TRAFFIC PATTERNS SHALL BE READ BLASTED.
- CONTRACTOR SHALL PROVIDE BMPs, SUCH AS EROSION EELS, INLET FILTER SACKS, SILT Dikes ON PAVEMENT, ETC. DOWNGRADENT OF ANY GROUND DISTURBING ACTIVITIES. ALL BMPs SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH ALL STATE AND LOCAL REQUIREMENTS.
- UNLESS NOTED OTHERWISE, STRIPING DIMENSIONS SHOWN ARE TO BE TO THE CENTER OF THE STRIPE.
- ALL NEW STRIPING SHALL BE PAINTED (TWO COATS) AS PER THE SPECIFICATIONS. UTILIZE TEMPLATES FOR ALL PAINTED PAVEMENT MARKINGS SUCH AS DIRECTIONAL ARROWS AND LETTERS.
- ALL PICKUP WAY FINDING AND STALL SIGNS ARE WALMART SUPPLIED AND CONTRACTOR INSTALLED. CONTRACTOR SHALL PLACE SIGN ORDER AT LEAST 3 WEEKS IN ADVANCE. ORDER SHALL BE SENT VIA EMAIL TO GETTY THOMAS (getty.thomas@walmart.com) AND BRAD KEEFER (brad.keefer@walmart.com). REQUEST SHALL CONTAIN A DELIVERY ADDRESS, DESIRED DELIVERY DATE, AND ANY STATE SPECIFIC SIGN SIZE AND/OR COLORS BASED ON APPROVED PLANS.
- ALL PAVEMENT MARKINGS SHOWN TO BE REMOVED OR ANY MARKINGS THAT CONFLICT WITH IMPROVEMENTS ARE TO BE REMOVED AS PART OF THE PICKUP PROJECT. CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS BY SOCA BLASTING OR DUSTLESS BLASTING.
- CONTRACTOR SHALL SEALCOAT AREAS TO RECEIVE NEW STRIPING AND AREAS WHERE STRIPING IS TO BE REMOVED PRIOR TO INSTALLING NEW STRIPING SHOWN ON THESE PLANS. CONTRACTOR SHALL COMPLETE ALL SITE IMPROVEMENTS THAT REQUIRE MODIFICATIONS TO THE EXISTING PAVEMENT AREAS, INCLUDING THE REMOVAL OF ANY EXISTING STRIPING, PRIOR TO ASPHALT SEAL COAT APPLICATION. CONTRACTOR SHALL ALLOW ASPHALT SEAL COAT ADEQUATE CURE TIME, IN ACCORDANCE WITH SITE SPECIFICATIONS, PRIOR TO OPENING AFFECTED AREAS TO TRAFFIC OR PERFORMING ANY STRIPING ACTIVITIES.
- EXISTING CONDITIONS INFORMATION WAS OBTAINED FROM A FIELD SURVEY AND A LIMITED SITE INVESTIGATION VISIT. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO INSTALLING IMPROVEMENTS.
- PAVEMENT MARKING SHOWN ON THIS SHEET SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 0216. ALL OTHER SITE WORK SHALL BE DONE IN ACCORDANCE WITH SITE WORK SPECIFICATIONS AS SHOWN ON CSS-1 AND CSS-2 SHEETS IN THIS SET.
- REFER TO SECP AND SSM PLANS, THIS SET, FOR INFORMATION REGARDING SITE STRIPING AND SIGNAGE WORK NOT DETAILED ON THIS SHEET.
- NEW PARKING STRIPING SHALL BE 4" YELLOW STRIPE WHERE NOTED.
- SIGNAGE LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL ENSURE PROPOSED IMPROVEMENTS DO NOT CONFLICT WITH EXISTING SIGNS AND/OR SIGN VISIBILITY. IF IT IS DETERMINED THAT A CONFLICT EXISTS, THE CONTRACTOR SHALL COORDINATE WITH THE WALMART CONSTRUCTION MANAGER PRIOR TO CHANGING SIGN LOCATION AND/OR EXISTING IMPROVEMENTS.
- NEW DIRECTIONAL SIGNAGE SHALL BE INSTALLED ON EXISTING POST WHEN POSSIBLE.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND ORDERING MATERIALS AND NOTIFY THE ENGINEER IF THERE ARE ANY CONFLICTS OR DEVIATIONS FROM WHAT IS SHOWN.

SITE DATA

SITE ZONING:	B-1 BUSINESS
LAND USE:	LARGE RETAIL
SETBACKS (EXPANSION):	REQUIRED EXISTING PROPOSED
FRONT:	22' 35' 35'
SIDE:	10' 7' 7'
REAR:	30' 7' 7'
BUILDING HEIGHT (EXPANSION):	30' 43' 10'
LOT COVERAGE:	25% 23.84%
MAX LOT COVERAGE:	
SITE ACREAGE:	18.07 AC 18.07 AC
IMPERVIOUS AREAS:	15.41 AC 15.51 AC
GREEN SPACES:	2.63 AC 2.56 AC

SITE ANALYSIS TABLE (EXISTING STORE)

	EXISTING	PROPOSED
TOTAL BUILDING AREA	185,799 SQUARE FT.	188,484 SQUARE FT.
REQUIRED PARKING (PER AHD)	743 SPACES	754 SPACES
REQUIRED PARKING RATIO (PER AHD)	4.00 / 1,000 SF	4.00 / 1,000 SF
REQUIRED PARKING (PER ECR)	743 SPACES	754 SPACES
REQUIRED PARKING RATIO (PER ECR)	4.00 / 1,000 SF	4.00 / 1,000 SF
CUSTOMER PARKING	800 SPACES	807 SPACES
ASSOCIATE PARKING	0 SPACES	0 SPACES
ACCESSIBLE PARKING	25 SPACES	25 SPACES
EV PARKING	0 SPACES	0 SPACES
PICKUP PARKING	18 SPACES	37 SPACES
CART CORRALS (SPACES NOT INCLUDED IN COUNTS BELOW)	11 CORRALS / 28 SPACES	28 SPACES
PROPOSED TOTAL PARKING INCLUDING PICKUP STALLS	815 SPACES	815 SPACES
PROPOSED PARKING RATIO INCLUDING PICKUP STALLS	4.44 / 1,000 SF	4.41 / 1,000 SF
PROPOSED TOTAL PARKING INCLUDING PICKUP STALLS	843 SPACES	865 SPACES
PROPOSED PARKING RATIO INCLUDING PICKUP STALLS	4.54 / 1,000 SF	4.61 / 1,000 SF



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Engineering & Design
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Formerly known as **BERGMANN**
PROJECT NUMBER: 24012013A
DATE: 01/15/15
DRAWN BY: JVA
CHECKED BY: JVA
FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

REV		DATE	DESCRIPTION	BY	APP	DATE	DESCRIPTION	BY	APP
1		08/27/25	ADD	AM	COMMENTS				



Walmart
Walmart Stores, Inc.
2608 SE J Street
Bentonville, AR 72716

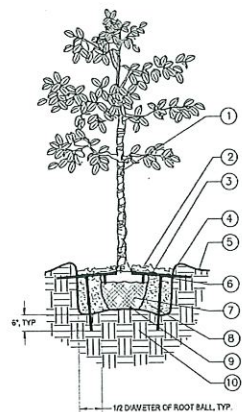
Store # 02146-252
101 SANFORD FARMS
SHOPPING CENTER
AMSTERDAM, NY

Colliers
Engineering & Design
200 East Broad Street
Suite 200
Rochester, NY
Phone: 585.222.3135
Fax: 585.222.3136
www.colliersengineering.com

SCALE:	DATE:	DRAWN BY:	CHECKED BY:
AS SHOWN	01/15/15	JVA	JVA
PROJECT NUMBER:	DRAWING NAME:	DATE:	REV:
24012013A	C100		

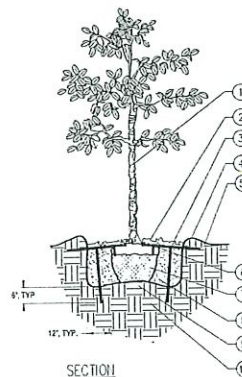
SITE PLAN

SHEET NUMBER
C100



SECTION

**LARGE TREE PLANTING
(14' OR GREATER)**



SECTION

SMALL TREE PLANTING
(14' OR LESS)

1. TREE UPRIP.
2. 4" MINIMUM OF HARDWOOD MUNCH COMPACTED OR AS SPECIFIED.
3. STAKE SIZE SHALL BE ONE SIZE HIGHER THAN REQUIRED FOR SIZE OF TREE. REFER TO SITEWORK SPECIFICATIONS FOR APPROVED MATERIALS AND INSTALLATION REQUIREMENTS.
4. 3" HIGH SOIL BERM TO HOLD WATER.
5. FINISHED GRADE (SEE GRADING PLAN).
6. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
7. B & B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).
8. PREPARED PLANTING SOIL AS SPECIFIED.
9. ROOTBALLS GREATER THAN 24" DIA. SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING ROOTBALLS SHALL BE 24" IN DIA. MAY SIT ON COMPACTED EARTH.
10. UNDISTURBED SUBSOIL.

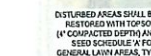
NOTES:

- A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.
- B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL
- C. SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.
- D. PRUNE TREE AS DIRECTED BY LANDSCAPE ARCHITECT.
- E. BRANCHING HEIGHT TO A.A.M. STANDARDS.

1. TREE WRAP
2. 4" MINIMUM OF HARDWOOD MULCH
COMPACTED OR AS SPECIFIED.
3. STAKE SIZE SHALL BE ONE SIZE
HIGHER THAN REQUIRED FOR SIZE OF
TREE. REFER TO SITEWORK
SPECIFICATIONS FOR APPROVED
MATERIALS AND INSTALLATION
REQUIREMENTS.
4. 3" HIGH SOIL BERM TO HOLD WATER.
5. FINISHED GRADE (SEE GRADING PLAN).
6. TOP OF ROOTBALL MIN. 1' ABOVE
FINISHED GRADE.
7. B & B OR CONTAINERIZED (SEE
SPECIFICATIONS FOR ROOT BALL
REQUIREMENTS).
8. PREPARED PLANTING SOIL AS
SPECIFIED.
9. ROOTBALLS GREATER THAN 24"
IN DIAMETER SHALL BE PLACED ON
MOUND OF UNDISTURBED SOIL TO
PREVENT SETTLING ROOTBALLS
DEEPER THAN 24" IN DIA. MAY SIT
ON COMPACTED EARTH.
10. UNDISTURBED SUBSOIL.

NOTES:

- A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER
- B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GRIEVE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL
- C. SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.
- D. PRUNE TREE AS DIRECTED BY LANDSCAPE ARCHITECT.
- E. BRANCHING HEIGHT TO A.A.N. STANDARDS.

APPROXIMATE
SEEDING LIMIT

DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL (4" COMPACTED DEPTH) AND SEED SCHEDULE 'A' FOR GENERAL LAWN AREAS, TYP.

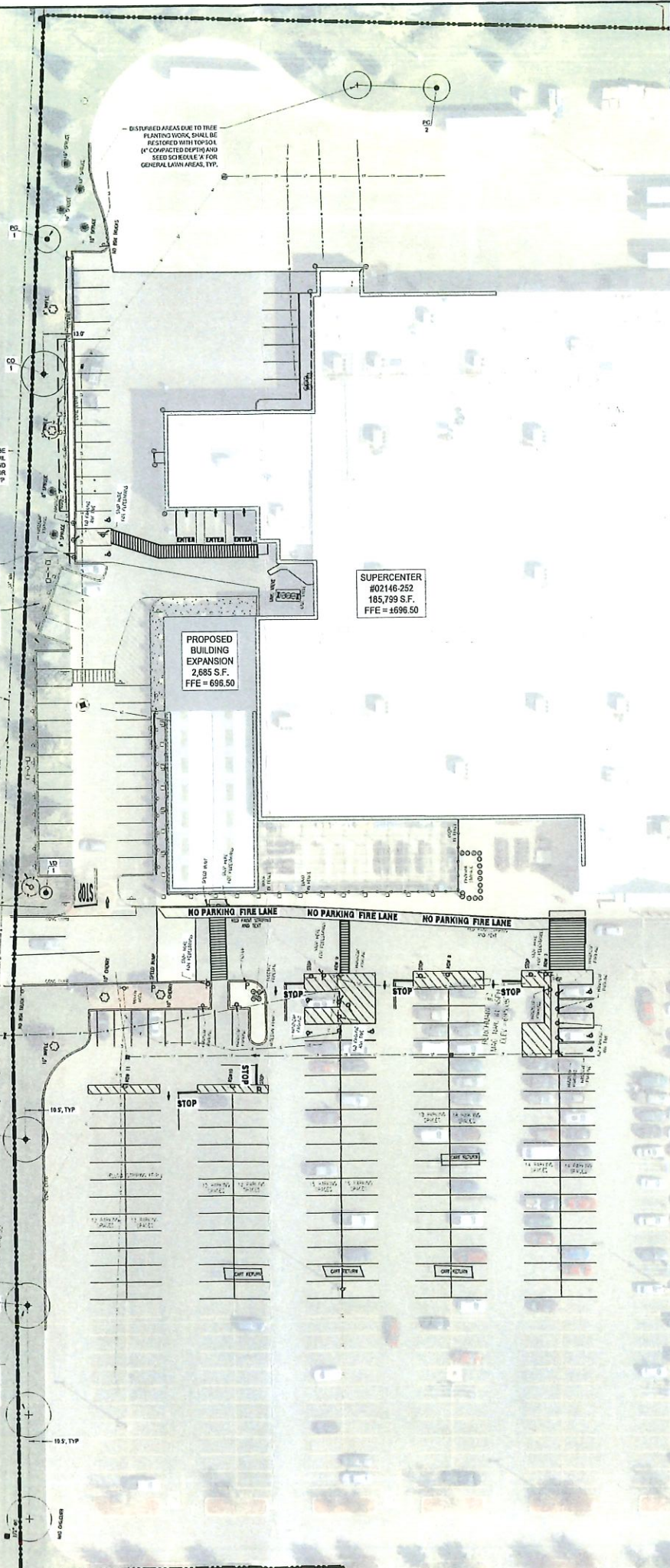
CONTRACTOR TO FIELD VERIFY
LOCATION OF EXISTING WATER
MAIN PRIOR TO LANDSCAPING
INSTALLATION

VEGETATION PROTECTION —
FENCING, TYP.

EXISTING SHRUB TO
REMAIN AND BE

DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL (4" COMPACTED DEPTH) AND SEED SCHEDULE 'A' FOR GENERAL LAWN AREAS, TYP.

DISBURSED AREAS DUE TO TREE
PLANTING WORK, SHALL BE
RESTORED WITH TOPSOIL
(4" COMPACTED DEPTH) AND
SEED SCHEDULE 'A' FOR
GENERAL LAWN AREAS, TYPE



1. ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL, SEE SPECIFICATION 07200.
2. ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
3. ALL PLANT MATERIAL SHALL BE CONTAINER GROWN OR BURLAPED AS INDICATED IN THE PLANT LIST.
4. ALL TREES SHALL HAVE A STRAIGHT TRUNK AND FULL HEAD, BE NEARLY FIRM, AND MEET ALL REQUIREMENTS SPECIFIED.
5. ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE ORDERING, AND AFTER INSTALLATION.
6. ALL TREES MUST BE GUDED OR STAKED AS SHOWN IN THE DETAILS AND SPECIFICATIONS
7. ALL PLANTING AREAS SHALL BE COMPLETELY MATCHED AS SPECIFIED.
8. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITIES SHOWN ON THE PLANS AND ANY OTHER AVAILABLE RECORDS SHALL BE THOROUGHLY RECHECKED PRIOR TO CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF UTILITIES AROUND THE WORK AREA, 2) TO PROTECT ALL UTILITIES DURING THE CONSTRUCTION PROCESS, AND 3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
9. NO TREES SHALL BE PLANTED OVER OR WITHIN FIVE LINEAL FEET OF ANY UNDERGROUND WATERLINE, SEWERLINE, TRANSMISSION LINE OR OTHER UTILITY AS PER CITY OF AUBURN, N.J. CODE SECTION 277-7.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING PER SPECIFICATIONS TO MAINTAIN HEALTHY PLANT CONDITIONS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING BUT NOT LIMITED TO WATERING, SPRAYING, MOWING, FERTILIZING, ETC.) ALL OF THE PLANT MATERIALS AND LAWN FOR THE PERIOD OF TIME SHOWN IN THE 02000 SPEC.
13. ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR DEFECTED PRIOR TO SUBSTANTIAL COMPLETION SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED ON THE MATERIAL OF THE SAME SPECIES, QUANTITY, SIZE AND MIXING ALL PLANT LIST SPECIFICATIONS.
14. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL, FOR A PERIOD DEFINED IN THE SPECIFICATION 02000. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
15. AFTER BEING DUE AT THE NURSERY SOURCE, ALL TREES AND LEAF SHALL BE ACCUMATED FOR TWO WEEKS UNDER A MIST SYSTEM PRIOR TO PLANTING.
16. STANDARDS SET FORTH IN "MINIMUM SPECIFICATION FOR NURSERY STOCK", AND 2001 LATEST EDITIONS REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
17. WHERE SHOWN ON THE PLANS AND DETAILS, PLANTED AREAS ARE TO BE COMPLETELY COVERED WITH A HARDWOOD MULCH OR FROM A LOCAL SOURCE HARVESTED IN A SUSTAINABLE MANNER TO A MINIMUM DEPTH OF FOUR INCHES.
18. REFER TO NURSERY SPECIFICATIONS FOR INFORMATION NEEDED FOR IMPLEMENTATION OF PLANTING PLANS.
19. ALL PLANT MATERIAL QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING PLANS AT SPACING SHOWN.
20. THIS PLAN IS TO BE IMPLEMENTED COOPERATIVELY WITH SWPPP PLAN, AS NEEDED, TO MAXIMIZE THE EFFECTIVENESS OF THE SWPPP PLAN AT THIS SITE.
21. THE CONTRACTOR IS ENCOURAGED TO COMPLETE TEMPORARY OR PERMANENT SEEDING OR SOCCOING IN STAGES FOR SOIL STABILIZATION AS AREAS ARE COMPLETED AFTER GRADING.
22. THIS PLAN DOES NOT PRESENT ANY TEMPORARY STABILIZATION REQUIRED FOR ANY OF THE SWPPP PLAN.
23. ALL PLANT MATERIAL SHALL BE HARDY UNDER CLIMATE CONDITIONS THAT EXIST AT THE PROJECT SITE AND GROWN AT A NURSERY AT THE SAME HARBOR ZONE AS THE PROJECT LOCATION.
24. NO SUBSTITUTIONS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER OR OWNER'S REPRESENTATIVE.
25. ALL AREAS DISTURBED BY UTILITY INSTALLATION AND SITE GRADING ACTIVITY SHALL RECEIVE APPROXIMATE TOPSOIL, TO A COMPACTED DEPTH OF 4" (FOUR INCHES), UNLESS OTHERWISE SPECIFIED BY THE GOVERNING MUNICIPALITY, BE FINE GRADED, SEEDED, MACHED AND WATERED UNTIL ADEQUATELY ESTABLISHED.
26. CONTRACTOR SHALL TAKE CAUTION WHILE NOT EXISTING NEW PLANT MATERIALS WITH EXISTING PLANTING BEDS TO MINIMIZE IMPACT TO EXISTING PLANT MATERIALS. TO AVOID ANY DAMAGE TO PLANT MATERIALS TO REMAIN WHICH ARE DAMAGED DURING THE CONSTRUCTION PROCESS.
27. IF A TREE (LIMBS OR ROOTS) BECOME DAMAGED OR ROOTS) BECOME EXPOSED DURING ANY PHASE OF CONSTRUCTION THEY SHALL BE PRICED FOR AND AS TO STANDARDS IF A TRUNK BECOMES DAMAGED, THE TREE SHALL BE REPLACED IN KIND AT NO ADDITIONAL COST TO THE OWNER.

PLANT LIST							
Key	Qty.	Botanical Name	Common Name	Height	Mature Size Spread	Installed Size	Condition Notes
Shade Trees							
CO	2	<i>Celtis occidentalis</i>	Common Hackberry	40-60' Ht.	40-60' Spnd.	3" Cal	BBS
TA	3	<i>Tilia americana</i> 'American Sentry'	American Sentry Linden	40-45' Ht.	25-30' Spnd.	3" Cal	BBS
Evergreen Trees							
PG	3	<i>Picea glauca</i> 'Densata'	Black Hills Spruce	20-40' Ht.	10-15' Spnd.	8" Ht.	BBS
Deciduous / Evergreen Shrubs							
VD	1	<i>Viburnum dentatum</i>	Arawakan Viburnum	6-10' Ht.	6-8' Spnd.	Fls. 7/6-48" Ht.	Cort.

SEED SCHEDULE 'A'
SEEDING UNITS AS SHOWN ON PLAN

GENERAL LAWYER
SEEDING RATE, 220 LBS. PER ACRE (5 LB. PER 1,000 SF.)

GENERAL LAMINIX
E. 220 LBS. PER ACRE (5 LB. PER 1,000 SF.)

PERCENT BY NO.		
OF SEEDS	SCIENTIFIC NAME	COMMON NAME
30.0%	FESTUCARUERA (MIN. 3 VARIETIES)	GREeping PEF FESCUE (MIN. 3 VARIETIES)
50.0%	LOLIUM PERENNIS (MIN. 3 VARIETIES)	PERENNIAL RYEGRASS (MIN. 3 VARIETIES)
20.0%	POAPRATENSIS (MIN. 3 VARIETIES)	KENTUCKY BLUEGRASS (MIN. 3 VARIETIES)

*PROVIDE TEMPORARY SEEDING OF ANNUAL RYEGRASS (Lolium multiflorum) WITHIN SEEDING LIMITS AT RATE OF 50 LBS PER ACRE

 PROPOSED DECIDUOUS/EVERGREEN TREE
 PROPOSED SHRUB
 LAWN RESTORATION SEEDING
 EXISTING DECIDUOUS TREES/SHRUB
 EXISTING EVERGREEN TREES/SHRUB
 VEGETATION PROTECTION FENCING
 APPROXIMATE SEEDING LIMIT LINE



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Formerly known as **B** BERGMA



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08/27/2025

NOT FOR CONSTRUCTION



Walmart Stores, Inc.
2608 SE J Street
Bentonville, AR 72716

Store # 02146-25
101 SANFORD FARMS
SHOPPING CENTER
AMSTERDAM, NY

Colliers
Engineering
& Design

SCALE:	DATE:	DRAWN BY:
AS SHOWN	07/11/05	MS
PROJECT NUMBER:	DRAWING NAME:	
24013362A	C130	

SHEET TITLE:
**LANDSCAPE PLAN
AND DETAILS**

C130

PROPOSED OPD EXPANSION

WALMART SUPERCENTER #02146-252

101 SANFORD FARMS SHOPPING CENTER
AMSTERDAM, NY 12010

PROJECT CONTACTS:

APPLICANT

WALMART STORES INC.
2608 SE J STREET
BENTONVILLE, AR 72716
CONTACT: KAREN ALVARADO
PHONE: (479) 557-5578

GOVERNMENTAL APPROVAL AGENCIES

TOWN OF AMSTERDAM
283 MANNY'S CORNERS ROAD
AMSTERDAM, NY 12010
CONTACT: THOMAS J. DICAPRIO, ZONING OFFICER
PHONE: (518) 842-7981 EXT 108
EMAIL: TDICAPRIO@TOWNOFAMSTERDAM.ORG

CONSULTANTS

CIVIL ENGINEER
COLLIERS ENGINEERING & DESIGN
280 EAST BROAD STREET
SUITE 200
ROCHESTER, NY 14604
ENGINEER: JUSTIN LATTIERRE, P.E.
PHONE: (585) 498-7850

LANDSCAPE ARCHITECT
COLLIERS ENGINEERING & DESIGN
280 EAST BROAD STREET
SUITE 200
ROCHESTER, NY 14604
LANDSCAPE ARCHITECT: ERIC SHAW, RLA, ASLA, LEED AP
PHONE: (585) 498-7854

ABUTTERS

CKT ENTERPRISES LLC
8 MUSEUM WAY
UNIT 2306
CAMBRIDGE, MA 02141
39-5-4-2

HOSPITALITY SYRACUSE, INC.
PO BOX 1269
TRAVERSE CITY, MI 49685
39-5-3

FBBTUS PROPERTIES LLC
570 DELAWARE AVE
BUFFALO, NY 14202
39-5-2

GDC MONTGOMERY, LIMITED LIABILITY CO
287 BOWMAN AVE
PURCHASE, NY 10577
39-5-1

ANITA CARATI
14 HOLLY LANE
MERIDEN, CT 06450
39-5-5-1



SITE LOCATION MAP
NOT TO SCALE

PREPARED BY



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ROCHESTER
280 East Broad Street
Suite 200
Rochester, NY
Phone: 585.232.5135
Civil Engineering & Design, Professional
Landscape Architecture, Planning, C.E.C.

ISSUE DATE

07/11/2025

DRAWING INDEX	
DRAWING NO	TITLE
C000	COVER SHEET
SSM-1	STOP SIGNS AND MARKINGS PLAN
SECP-1	DEMOLITION AND SITE CONSTRUCTION PLAN
SECP-2	DEMOLITION AND SITE CONSTRUCTION PLAN
C053	EROSION AND SEDIMENT CONTROL PLAN
C080	DEMOLITION PLAN
C100	SITE PLAN
C110	UTILITY PLAN
C120	GRADING PLAN
C130	LANDSCAPE PLAN AND DETAILS
C160	LIGHTING PLAN
SECP-SSM DETAILS 1	SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET
SECP-SSM DETAILS 2	SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET
OPD DETAILS	PICKUP SIGNAGE AND MARKING DETAILS
C500	LIGHTING AND STORM DETAILS
C501	SWPPP DETAILS
C502	SWPPP DETAILS
C503	PAVEMENT AND SITE DETAILS
CSS-1	SPECIFICATION SHEET
CSS-2	SPECIFICATION SHEET

ALERT TO CONTRACTOR:

1. THE SITEWORK FOR THE WALMART PORTION OF THIS PROJECT SHALL MEET OR EXCEED THE "SITE SPECIFIC SPECIFICATIONS."
2. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO CONTRACT COMPLETION AND THE FINAL CONNECTION OF SERVICES.

DEVELOPER-
Walmart Stores, Inc.
2608 SE J Street.
Bentonville, AR 72716-0315
(479) 273-4000 PHONE

C000

1. ALL SITE WORK SHALL MEET OR EXCEED THE "SITE SPECIFIC SPECIFICATIONS" WHERE CONFLICTS WITH REQUIREMENTS OF UTILITY OWNERS OR OTHER JURISDICTION OCCUR, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.

2. ALL NECESSARY INSPECTIONS, APPROVALS, AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR AUTHORITIES SHALL BE COMPLETED PRIOR TO THE ACCEPTANCE BY THE OWNER AND THE FINAL CERTIFICATION OF SERVICES.

3. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AROUND EXISTING AREA AND CONTRACTOR'S TEMPORARY PARKING AND STORAGE AREA DURING CONSTRUCTION.

4. CONTRACTOR SHALL KEEP ALL EXISTING PARKING, SIDEWALKS, DRIVES, ETC. BEYOND THE PROTECTED WORK AREA CLEAN AND FREE FROM ANY CONSTRUCTION ACTIVITY AND MATERIAL, TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR ACCESS FROM THE SITE. CONTRACTOR SHALL COORDINATE PRIVATE ALL CONSTRUCTION ACTIVITY WITHIN THE PROXIMITY OF THE EXISTING STORE WITH THE WALMART CONSTRUCTION MANAGER AND WALMART STORE MANAGER TO MINIMIZE DISRUPTION AND INCONVENIENCE TO WALMART STORES OPERATION AND WALMART CUSTOMERS.

5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE PUBLIC, MAINTAIN SAFE CONSTRUCTION CONDITIONS, AND PROVIDE ADEQUATE TRAFFIC FLOW AT ALL TIMES. TEMPORARY TRAFFIC CONTROL DEVICES, SUCH AS CHARGE, STRIPINGS, FLASHING LIGHTS, SIGNS, CONES, BARRIERS, ETC., SHALL BE USED IN THE BEST POSSIBLE MANNER AND AS APPROVED BY THE WALMART CONSTRUCTION MANAGER. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN THEIR PROPER POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY. ALL CONSTRUCTION WARNING SIGNS SHALL BE PROMPTLY REMOVED AND REPAIRED IMMEDIATELY. THE MESSAGE "NO APPLY CLOSURE OR NOT IN USE, EXISTING TRAFFIC ARROWS, PAINTED END CAPS, STOP BARS AND OTHER PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL, PAVEMENT MARKINGS AND TRAFFIC PATTERNS SHALL BE MADE BLASTED.

6. CONTRACTOR SHALL PROVIDE BMP SUCH AS, EROSION SILLS, SILT FILTER SACKS, SILT DICS ON PAVEMENT, ETC. DOWNGRADMENT OF ANY GRASS DURING STURBING ACTIVITIES. ALL BMP'S SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH ALL STATE AND LOCAL REQUIREMENTS.

7. UNLESS NOTED OTHERWISE, STRIPING SHOWN ARE TO BE TO THE CENTER OF THE STRIPE.

8. ALL NEW STRIPING SHALL BE PAINTED (TWO COATS) AS PER THE SPECIFICATIONS. UTILIZE TEMPLETS FOR ALL PAINTED PAVEMENT MARKINGS SUCH AS DIRECTIONAL ARROWS AND LETTERS.

9. ALL PUMPWAY FACING AND SIGN BARRIERS ARE WALMART SUPPLIED AND CONTRACTOR INSTALLED. CONTRACTOR SHALL PLACE SIGN ORDER AT LEAST 3 WEEKS IN ADVANCE. ORDER SHALL BE SENT VIA EMAIL TO: GETTY THOMAS (getty.thomas@walmart.com) FROM: JIMMY HENDERSON (jimmy.henderson@walmart.com). REQUEST FOR QUOTE SHALL BE SENT WITHIN THE VERY DATE, AND ANY STATE SPECIFICATION SIGNAGE AND/OR COLOR BASED ON APPROVED PLANS.

10. ALL PAVEMENT MARKINGS SHALL BE REMOVED OR ANY MARKINGS THAT CONFLICT WITH IMPROVEMENTS ARE TO BE REMOVED AS PART OF THE PUMP PROJECT. CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS BY SOOT-BLASTING OR DUTLESS JETTING.

11. CONTRACTOR SHALL SEAL CATCH BASINS TO RECEIVE NEW STRIPING AND AREAS WHERE STRIPING IS TO BE REMOVED PRIOR TO INSTALLING NEW STRIPING ON THESE PLANS. CONTRACTOR SHALL COMPLETE ALL SITE IMPROVEMENTS THAT REQUIRE RECONFIGURATIONS TO THE EXISTING STRIPING PRIOR TO REMOVAL OF EXISTING STRIPING. CONTRACTOR SHALL TRAFFIC SIGNAL, STOP SIGN, CATION. CONTRACTOR SHALL ON ASPHALT SEAL AT ADEQUATE AVERAGE TIME, IN ACCORDANCE WITH SITE SPECIFICATIONS, PRIOR TO OPENING AFFEATED AREAS TO TRAFFIC OR PERFORMING ANY STRIPING ACTIVITIES.

12. EXISTING CONDITIONS INFORMATION WAS OBTAINED FROM THE ORIGINAL STORE DESIGN AND AERIAL IMAGE PROVIDED BY NEARMAPS. NO FIELD SURVEY INFORMATION WAS OBTAINED FOR THIS PROJECT. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO INSTALLING IMPROVEMENTS.

13. EXISTING "POURUP" GRAPHS TO BE REMOVED FROM EXISTING POURUP PARKING STALLS.

14. PAVEMENT MARKING SHOWN ON THIS SHEET SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 02766. ALL OTHER SITE WORK SHALL BE DONE IN ACCORDANCE WITH SITE WORK REGARD SPECIFICATIONS AS SHOWN ON CSS-1 AND CSS2 WORK SHEETS, THIS SET.

15. REFER TO SECP AND SSM PLANS, THIS SET, FOR INFORMATION REGARDING SITE STRIPING AND CLOSURE NOT DETAILD ON THIS SHEET.

16. NEW PARKING STRIPING SHALL BE 6" YELLOW STRIPE WHERE NOTED.

17. EXISTING LOGS AND/OR ARE APPROXIMATE. CONTRACTOR SHALL DISCUSS PROPOSED IMPROVEMENTS TO NOT CONFLICT WITH SIGNAGE LOGS AND/OR SIGN VISIBILITY. IT IS DETERMINED THAT A CONFLICT EXISTS, THE CONTRACTOR SHALL COORDINATE WITH THE WALMART CONSTRUCTION MANAGER PRIOR TO CHANGING SIGN LOGS AND/OR EXISTING IMPROVEMENTS.

18. NEW DIRECTIONAL SIGNAGE SHALL BE INSTALLED ON EXISTING STOP WHEN POSSIBLE.

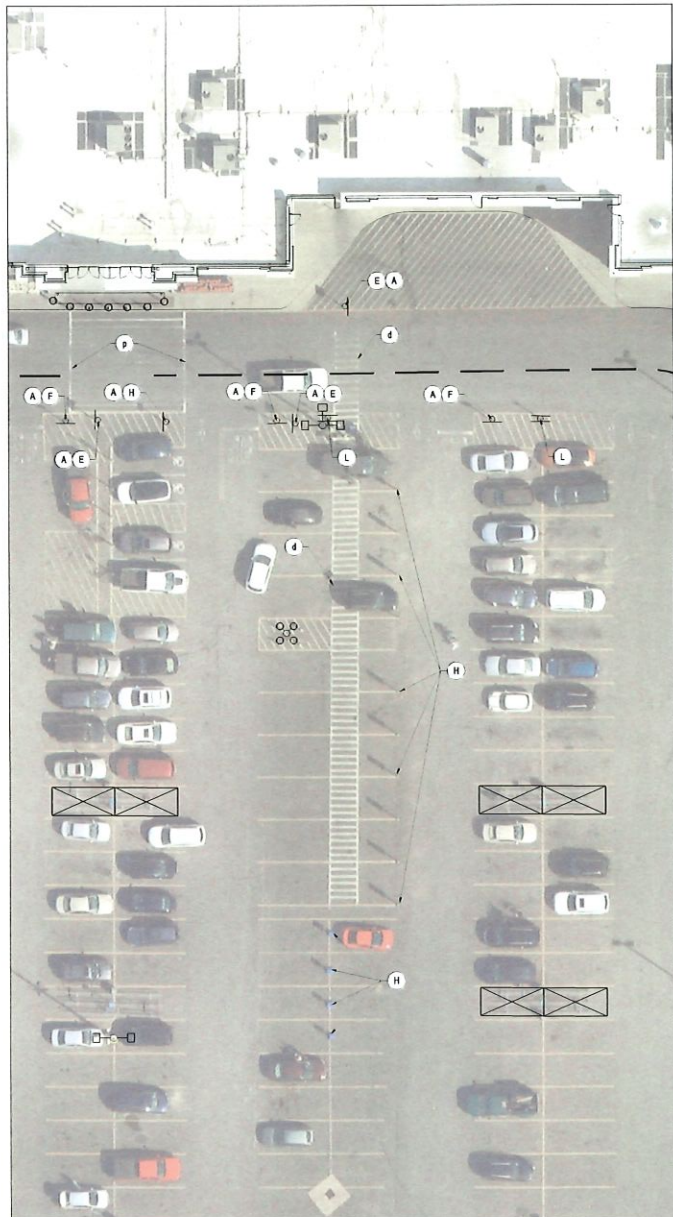
19. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND ORDERING MATERIALS AND NOTIFY THE ENGINEER IF THERE ARE ANY CONFLICTS OR DEVIATIONS FROM WHAT IS SHOWN.

☐ SEALCOAT UNIT ON ASPHALT

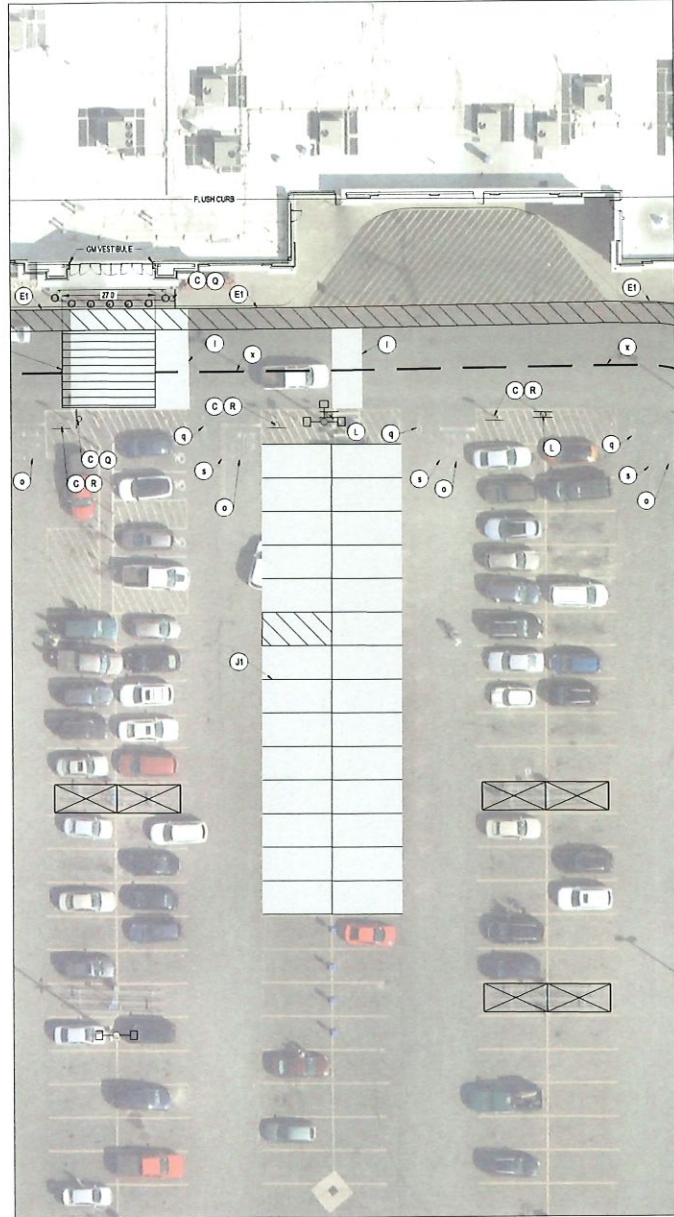
THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE DAMAGE TO EXISTING ITEMS TO REMAIN DOES NOT OCCUR. THESE PRECAUTIONS MUST INCLUDE, BUT NOT LIMITED TO THE USE OF LIGHTLY LOADED EQUIPMENT IN ORDER TO PREVENT DAMAGE TO EXISTING ROADS AND INFRASTRUCTURE. UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY EXISTING ITEMS OR TO ANY OTHER ITEMS THAT ARE NOT THE PROPERTY OF THE CITY OF WILSON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR REPAIRING ANY EXISTING ITEMS THAT ARE COMPLETELY DESTROYED OR DAMAGED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY OF THE FOLLOWING ITEMS INCLUDE, BUT ARE NOT LIMITED TO EXISTING ITEMS, UTILITIES, CURBING, PAVING, LANDSCAPING, IRRIGATION SYSTEMS, FENCING, RETAINING WALLS, PUBLIC CROWNWAYS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS, AND SHALL BE TO THE SATISFACTION OF THE OWNER OF THE REPAIRED ITEM. PRIOR TO MAKING ANY REPAIRS, THE CONTRACTOR SHALL SUBMIT DETAILED REPAIR METHODOLOGY TO THE CC&M. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF WILSON. THE CONTRACTOR SHALL DOCUMENT ANY EXISTING DAMAGE WITH PHOTOS, VIDEOS, ETC, AND NOTIFY THE WALWART CONSTRUCTION MANAGER PRIOR TO COMMENCING CONSTRUCTION IN THE AREA OF THE EXISTING DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY EXISTING ITEMS THAT ARE COMPLETELY DESTROYED OR DAMAGED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY OF THE FOLLOWING ITEMS INCLUDE, BUT ARE NOT LIMITED TO EXISTING ITEMS, UTILITIES, CURBING, PAVING, LANDSCAPING, IRRIGATION SYSTEMS, FENCING, RETAINING WALLS, PUBLIC CROWNWAYS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS, AND SHALL BE TO THE SATISFACTION OF THE OWNER OF THE REPAIRED ITEM. PRIOR TO MAKING ANY REPAIRS, THE CONTRACTOR SHALL SUBMIT DETAILED REPAIR METHODOLOGY TO THE CC&M. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF WILSON. THE CONTRACTOR SHALL DOCUMENT ANY EXISTING DAMAGE WITH PHOTOS, VIDEOS, ETC, AND NOTIFY THE WALWART CONSTRUCTION MANAGER PRIOR TO COMMENCING CONSTRUCTION IN THE AREA OF THE EXISTING DAMAGE.

CONTRACTOR SHALL INSTALL SEALCOAT ON EXISTING ASPHALT PAVING AT ANY STRIPED AREA THAT IS PART OF THE PICKUP SCOPE OF WORK AND ADDITIONAL ASSOCIATED PARKING SPACES REQUIRED TO BE STRIPED AS SHOWN ON THESE PLANS. FOR EXISTING CONCRETE SURFACES, GC IS TO PREPARE THE SURFACE FOR PAINT ONLY.

CONTRACTOR SHALL REFER TO SECP-1 PLAN SHEET FOR ADDITIONAL INFORMATION AND IMPROVEMENTS



DEMOLITION PLAN
SCALE: 1" = 20'



SITE PLAN
SCALE: 1" = 20'

EXISTING S/GN POST AND BOLLARD (F PRESENT) TO BE REMOVED

B EXISTING S/GN POST AND BASE TO REMAIN

C NEW SIGN MOUNTING AND BASE WITH BOLLARD

D NEW SIGN MOUNTING AND BASE WITH BREAK AWAY POST.

E EXISTING PEDESTRIAN CROSSING SIGN TO BE REMOVED

F EXISTING STOP S/GN TO BE REMOVED

G EXISTING "FIRE LANE" S/GN TO BE REMOVED

H EXISTING O/D SIGNAGE TO BE REMOVED

I EXISTING PEDESTRIAN CROSSING SIGN TO REMAIN/BE REUSED

J EXISTING STOP S/GN TO REMAIN

K EXISTING S/GN TO REMAIN

L EXISTING A/SLE S/GN TO REMAIN/BE REUSED

M EXISTING MISCELLANEOUS TRAFFIC AND/OR INFORMATION S/GN TO REMAIN/BE REUSED

N EXISTING NO PARKING FIRE LANE S/GN TO REMAIN

O EXISTING PICKUP S/GN TO REMAIN

P EXISTING STOP S/GN TO BE RAISED TO MATCH CURRENT DETAIL SIGN/DELINES

Q NEW "STOP HERE FOR PEDESTRIANS" S/GN

R NEW 30'X30" STOP S/GN

S NEW 30'X30" STOP S/GN

T NEW "FIRE LANE" S/GN. MATCH EXISTING

U ACCESSIBLE PARKING S/GN

V NEW PICKUP BANNER

W NEW O/D SIGNAGE

X NEW R1-3P "ALL WAY" PLAQUE. SEE DETAIL

Y NEW W14-4A "TRAFFIC FROM RIGHT LEFT DOES NOT STOP" PLAQUE. SEE DETAIL

Z NEW W14-4B "ONCOMING TRAFFIC DOES NOT STOP" PLAQUE. SEE DETAIL

a NEW "CROSS TRAFFIC DOES NOT STOP" PLAQUE

b EXISTING BOLLARD TO BE REPLACED

c EXISTING BOLLARD AND S/GN POST TO BE REPAINTED

ca NEW BOLLARD

d EXISTING CROSSWALK STRIPING TO BE REMOVED

e EXISTING YIELD PAVEMENT MARKING TO BE REMOVED

f EXISTING PAVEMENT STRIPE TO BE REMOVED

g EXISTING STOP BAR AND STOP TEXT PAVEMENT MARKINGS TO BE REMOVED

h EXISTING ARROW PAVEMENT MARKINGS TO BE REMOVED

i EXISTING PICKUP PAVEMENT MARKINGS TO BE REMOVED

j EXISTING ISLAND STRIPING TO BE REMOVED

k EXISTING PICKUP GRAPHIC AND ORANGE ARROW PAVEMENT MARKINGS TO BE REMOVED AND SEAL COAT APPLIED

l LIMITS OF SEAL COAT. APPLY SEAL COAT OVER WHERE STRIPING AND PAVEMENT MARKINGS WERE REMOVED AND WHERE NEW STRIPING AND PAVEMENT MARKINGS WILL BE REAPPLIED. APPLY NEW STRIPING AND PAVEMENT MARKINGS OVER SEAL COAT

m EXISTING CENTERLINE STRIPING TO REMAIN

n EXISTING STRIPING (LETTERING) TO BE REFRESHED

o EXISTING STOP PAVEMENT MARKINGS "STOP" TEXT AND/OR "ONLY X" TEXT TO BE REVISED / REFRESHED TO MATCH CURRENT DETAILS

p EXISTING CROSSWALK TO REMAIN/BE REFRESHED

q EXISTING OPEN ARROW PAVEMENT MARKING TO BE REVISED / REFRESHED TO MATCH CURRENT DETAILS

r EXISTING SOLID ARROW PAVEMENT MARKING TO BE REVISED / REFRESHED TO MATCH CURRENT DETAILS

s EXISTING 4' WIDE DOUBLE YELLOW AND/OR WHITE SINGLE STRIPE TO REMAIN/BE REFRESHED

t EXISTING PICKUP GRAPHIC AND ORANGE ARROW PAVEMENT MARKINGS TO REMAIN (NOT TO BE REFRESHED)

u NEW 4' WIDE TRAFFIC YELLOW STRIPE

v NEW 4' WIDE DOUBLE SOLID YELLOW STRIPE

w NEW 4' WIDE PAINTED YELLOW STRIPES AT 4' @ 24" O C (TYP) OR COLOR BY LOCAL CODES

x NEW 4' WIDE PAINTED YELLOW STRIPES - 6' LONG WITH 18" GAPS

y NEW CROSSWALK MARKINGS - 6' WIDE PAINTED WHITE STRIPING PARALLEL TO DIRECTION OF TRAFFIC AT 24" O C AND (1) 8" WIDE WHITE STRIPE PERPENDICULAR ON BOTH EVES UNLESS NOTED OTHERWISE. SEE SITE PLAN FOR DIMENSIONS. ENTIRE CROSSWALK SHALL BE RESTRIPED

z NEW CHANNELIZATION AT O/D DOOR. SEE DETAIL

Aa NEW STOP TEXT AND STOP BAR

Ab NEW 12" WIDE WHITE STOP BAR

Ac NEW O/D CROSSWALK MARKINGS

Ad NEW FIRE LANE STRIPING TO MATCH EXISTING

Ae NEW 4' WIDE FIRE LANE STRIPING PAINTED TRAFFIC RED WITH "NO PARKING FIRE LANE" PAINTED WITH 4" HIGH WHITE LETTERING AT 25" SPACING. SEE DETAIL

Ff NEW OPEN ARROW PAVEMENT MARKINGS

Gg NEW SOLID ARROW PAVEMENT MARKING

Hh NEW "ONLY X" PAVEMENT MARKING

Ii NEW STRIPED AREA @ 45° SS/VA. 2" O.C.

Jj NEW PARKING SPACE STRIPING MATCH EXISTING CUSTOMER PARKING SPACE WIDTH AND COLOR



NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION



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 Call before you dig.

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 EXCAVATION, DISSEMINATION OF ANY PERSON
 PREPARING TO DISTURB THE EARTH'S
 SURFACE ANYWHERE IN ANY STATE

FOR STATE SPECIFIC DIRECT PHONE NUMBERS
 MUST-1-800-CALL-811.COM

SITE FEATURES

-  BOUNDARY LINE
 PROPOSED LIMITS OF DISTURBANCE
 EXISTING CONTOUR ELEVATIONS
 2.0%
 SLOPE ARROW

☐ EROSION DETAILS

- | | | |
|---|-------|--|
|  | (IP1) | FILTER SACK INLET PROTECTION |
|  | (IP2) | GRAVEL & WIRE MESH INLET SEDIMENT FILTER |
|  | (FS) | FILTER SOCK |
|  | (PS) | PERMANENT SEEDING BEHIND CURB REPAIRS |

EROSION CONTROL NOTES:

1. THE GC MUST UPDATE THIS PLAN TO REFLECT THE PROGRESS OF CONSTRUCTION ACTIVITIES AND GENERAL CHANGES TO THE PROJECT SITE. UPDATES SHALL BE MADE DAILY TO TRACK PROGRESS FROM ANY OF THE FOLLOWING ACTIVITIES: CURB, GRAD, BUMP INSTALLATION, PAVING, OR NEIGHBORHOOD CONSTRUCTION ACTIVITIES E.G. PAVING STORM SEWER INSTALLATION, FOOTING INSTALLATION, ETC.; CLEARING, GRUBBING OR GRAD, OR TEMPORARY OR PERMANENT STABILIZATION.
2. THE CONTRACTOR MAY MODIFY OR ADD ADDITIONAL BMPs, WITHOUT CEC APPROVAL, IN AN EMERGENCY SITUATION TO PREVENT SEDIMENT DISCHARGE OR PROTECT WATER QUALITY.
3. INSTALL SILT FENCE, FILTER SOCK, NET PROTECTION AND ALL OTHER EROSION CONTROL MEASURES AS INDICATED ON THE PLAN PRIOR TO THE START OF ANY EXCAVATION WORK. EROSION CONTROL MEASURES SHALL BE APPLIED IN ACCORDANCE WITH APP. CASE SITE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL, AS WELL AS GOVERNING TOWN REQUIREMENTS.
4. REMOVE AND STOCKPILE TOPSOIL, AS DIRECTED BY THE CONSTRUCTION MANAGER. "REPLACE TOPSOIL, TO A MINIMUM 4" DEPTH." ALL DISTURBED AREAS SHALL BE RESTORED AS DIRECTED BY THE CONSTRUCTION MANAGER TO PROMOTE VEGETATION AS SOON AS PRACTICABLE.
5. IF THE SCAFFOLD PROHIBITS TEMPORARY SEDIMENT, DISTURBED AREAS SHALL BE MULCHED WITH STRAW HAY OR EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE "STANDARDS", USING NETTING OR LOG/ MULCH BINDER.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL 60% OF EROSION PROTECTION COVER HAS BEEN ACHIEVED.
7. INSTALL SILT PROTECTION AND BUMP APRONS PROGRESSIVELY AS STORM SEWERS AND DISCHARGE PONTS ARE INSTALLED.
8. ALL EROSION CONTROL MEASURES SHALL BE REPLACED WHENEVER THEY BECOME DEFECTIVE, INOPERABLE, OR WHEN THEY HAVE REACHED THE DESIGN LIFE INDICATED IN THE NYS GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF TOPSOIL TO ALL DISTURBED AREAS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES.
10. THE CONTRACTOR SHALL DESIGNATE A MEMBER OF THEIR FIRM TO BE RESPONSIBLE FOR MONITORING EROSION PROTECTION, EROSION CONTROL STRUCTURES AND TREE PROTECTION AND PRESERVATION THROUGHOUT CONSTRUCTION.
11. ALL DISTURBED AREAS SHALL BE FINISH GRADDED TO PROMOTE VEGETATION ON ALL EXPOSED SURFACES AS SOON AS PRACTICABLE. EROSION STABILIZATION PRACTICES (TEMPORARY/PERMANENT SEEDING, MULCHING, GEOTEXTILES, ETC.) WILL BE IMPLEMENTED IMMEDIATELY (7 DAYS) AFTER EXCAVATION OR EROSION CONTROL STRUCTURES ARE TEMPORARILY CEASED AND ARE NOT EXPECTED TO RESUME WITHIN FOURTEEN (14) DAYS.
12. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. ALL CONSTRUCTION DEBRIS AND SEDIMENT SOILS DROPPED, WASHED OR TRACKED OUTSIDE PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY.
13. DUST SHALL BE CONTROLLED BY WATERING.
14. ALL MINING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS ON THE PROPOSED SITE.
15. PER METER AREAS SHALL BE TEMPORARILY STABILIZED WITH SEED AND MULCH PROGRESSIVELY, AT A MINIMUM BY THE END OF EACH WEEK, USING 100% PERENNIAL REVEGETAS MIX AT A RATE OF 24 LBS PER 1,000 SF, AND MULCH 90-100 LBS PER 1,000 SF OF

SEQUENCE OF CONSTRUCTION:

1. A PRE-CONSTRUCTION MEETING SHALL BE HELD BY THE CONSTRUCTION MANAGER AND THE CEC PRIOR TO ANY LAND AND/OR ROAD ACTIVITIES.
2. CONSTRUCT TEMPORARY CONSTRUCTION EXITS AT LOCATIONS AS REQUIRED BY THE SCOPE OF WORK.
3. INSTALL PERIMETER SILT FENCES/FILTER SOCK AT LOCATIONS SHOWN ON THE PLAN.
4. BEGIN DEMOLITION OPERATIONS. CLEARING AND GRUBBING SHALL BE DONE ONLY IN AREAS WHERE EARTHWORK WILL BE PERFORMED AND ONLY IN AREAS WHERE BUILDING CONSTRUCTION IS SCHEDULED TO COMMENCE WITHIN 14 DAYS AFTER CLEARING AND GRUBBING.
5. COMMENCE SITE GRADING.
6. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED.
7. INSTALL INLETHOUTLET PROTECTION AT ALL INLET, GATE INLETS, CURB INLETS, AND AT TERMINATIONS OF EXPOSED STORM SEWER PIPES.
8. CONSTRUCT ALL CURB, GUTTER INLETS, AREA INLETS, AND STORM SEWER MANHOLES AS SHOWN ON THE PLAN. INLET PROTECTION MAY BE REMOVED TEMPORARILY FOR THIS CONSTRUCTION. PLACE REQUIRED RMP MAT LOCATIONS SHOWN ON THE PLAN.
9. REMOVE INLET PROTECTION AROUND INLETS AND MANHOLES NO EARLIER THAN 48 HOURS PRIOR TO PLACING THE STABILIZED BASE COURSE.
10. INSTALL FINAL GRADING: AS REQUIRED FOR PAVEMENT.
11. CARRY OUT FINAL GRADES, SEEDING, AND LANDSCAPE PLANTING.
12. REMOVE EROSION CONTROL SLOYS AFTER ALL PAVING IS COMPLETE AND ALL EXPOSED SURFACES HAVE BEEN REVEALED.
13. REMOVE TEMPORARY CONSTRUCTION EXITS ON LAND (WHATEVER) PRIOR TO PAVEMENT COMPLETION IN THOSE AREAS (WHICH WILL BE PAVED LAST).

DEWATERING NOTE:

WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE, AND GROUNDWATER MANAGEMENT TO CONTROL SOIL MOISTURE.

REFER TO THE MASTER SITE SPECIFICATIONS

THE CONTRACTOR SHALL CONTACT 811 TO LOCATE ALL UTILITIES AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.



NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION



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EROSION AND SEDIMENT CONTROL PLAN

C053



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DEMOLITION NOTES:

1. ALL REQUIRED DEMOLITION PERMITS SHALL BE OBTAINED FROM ALL APPLICABLE AGENCIES PRIOR TO THE COMMENCEMENT OF WORK.
2. ANY ASBESTOS REMOVAL MUST BE DONE BY A CERTIFIED ASBESTOS ABATEMENT CONTRACTOR.
3. ALL UTILITY COMPANIES MUST BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF DEMOLITION.
4. PROPER FENCING OR PUBLIC PROTECTION DEVICES MUST BE INSTALLED AND MAINTAINED AROUND THE PERIMETER OF THE SITE AT ALL TIMES DURING THE DEMOLITION PHASE.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL DUST, DIRT, AND DEBRIS DURING BOTH DEMOLITION AND CONSTRUCTION PHASES.
6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING IT IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR DEMOLITION AND WASTE DISPOSAL, INCLUDING THOSE RELATED TO ASBESTOS ABATEMENT.

DEWATERING NOTE:

WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE, AND GROUNDWATER MANAGEMENT TO CONTROL SOIL MOISTURE.
REFER TO THE MASTER SITE SPECIFICATIONS.

THE CONTRACTOR SHALL CONTACT 811 TO LOCATE ALL UTILITIES AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.

EXISTING STRIPING TO BE REMOVED AND RECEIVE SEAL COAT AND BE RE-STRIPPED PER PLAN SHEET C100

CURT RETURN

ENTER ENTER ENTER

PROPOSED ASPHALT SAWCUT

PROPOSED CONCRETE SAWCUT
EXISTING LIGHT POLE TO BE RELOCATED. REFER TO C160 FOR PROPOSED LIGHTING

EXISTING CONCRETE SIDEWALK TO BE REMOVED

EXISTING TREE TO BE REMOVED (TYP)

EXISTING CATCH BASIN TO BE REMOVED

EXISTING LIGHT POLE TO BE RELOCATED. REFER TO C160 FOR PROPOSED LIGHTING

EXISTING CONCRETE CURB AND GUTTER TO BE REMOVED

EXISTING SIGN TO BE REMOVED
EXISTING STOP TEXT AND PAVEMENT MARKINGS TO BE REMOVED. REFER TO SSM VISECP 1 FOR PROPOSED MARKINGS

PROPOSED ASPHALT SAWCUT

REMOVE EXISTING CONCRETE AND BASE STONE TO DEPTH TO FACILITATE CONSTRUCTION OF THE PROPOSED TRASH COMPACTOR RELOCATION, STORM PUMP INSTALLATION AND REGRADING OF THE CONSTRUCTION AREA.

EXISTING CONCRETE PILLARS AND FENCE TO BE REMOVED. REFER TO ARCH PLANS

REMOVE EXISTING ASPHALT AND BASE STONE TO DEPTH TO FACILITATE CONSTRUCTION OF THE PROPOSED EXPANSION AND REGRADING OF THE CONSTRUCTION AREA.

NO PARKING FIRE LANE

NO PARKING FIRE LANE

NO PARKING FIRE LANE

STOP

STOP

STOP

STOP

STOP



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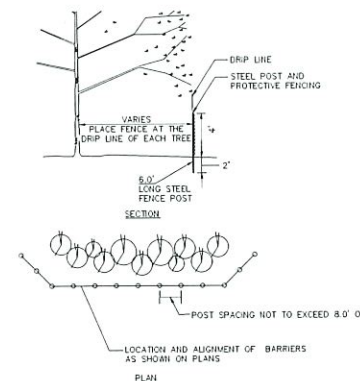
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AS SHOWN	01/11/25	ANM	JWL
PROJECT NUMBER	DRAWN NAME	REVIEWED BY	
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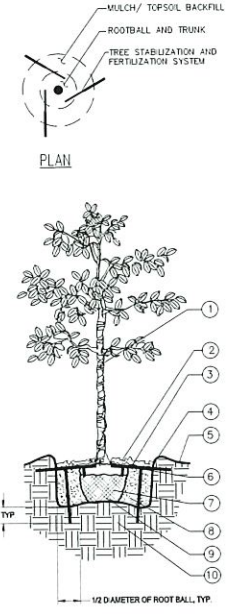
DEMOLITION
PLAN

SHEET NUMBER
C080

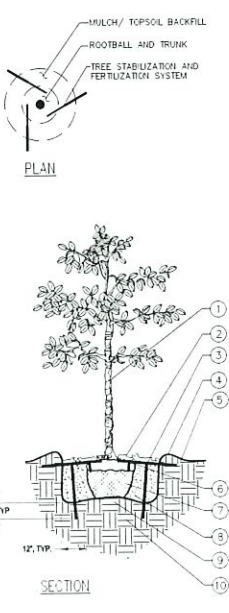
NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



VEGETATION PROTECTION BARRIER DETAIL
N.T.S.



LARGE TREE PLANTING
(14' OR GREATER)
N.T.S.



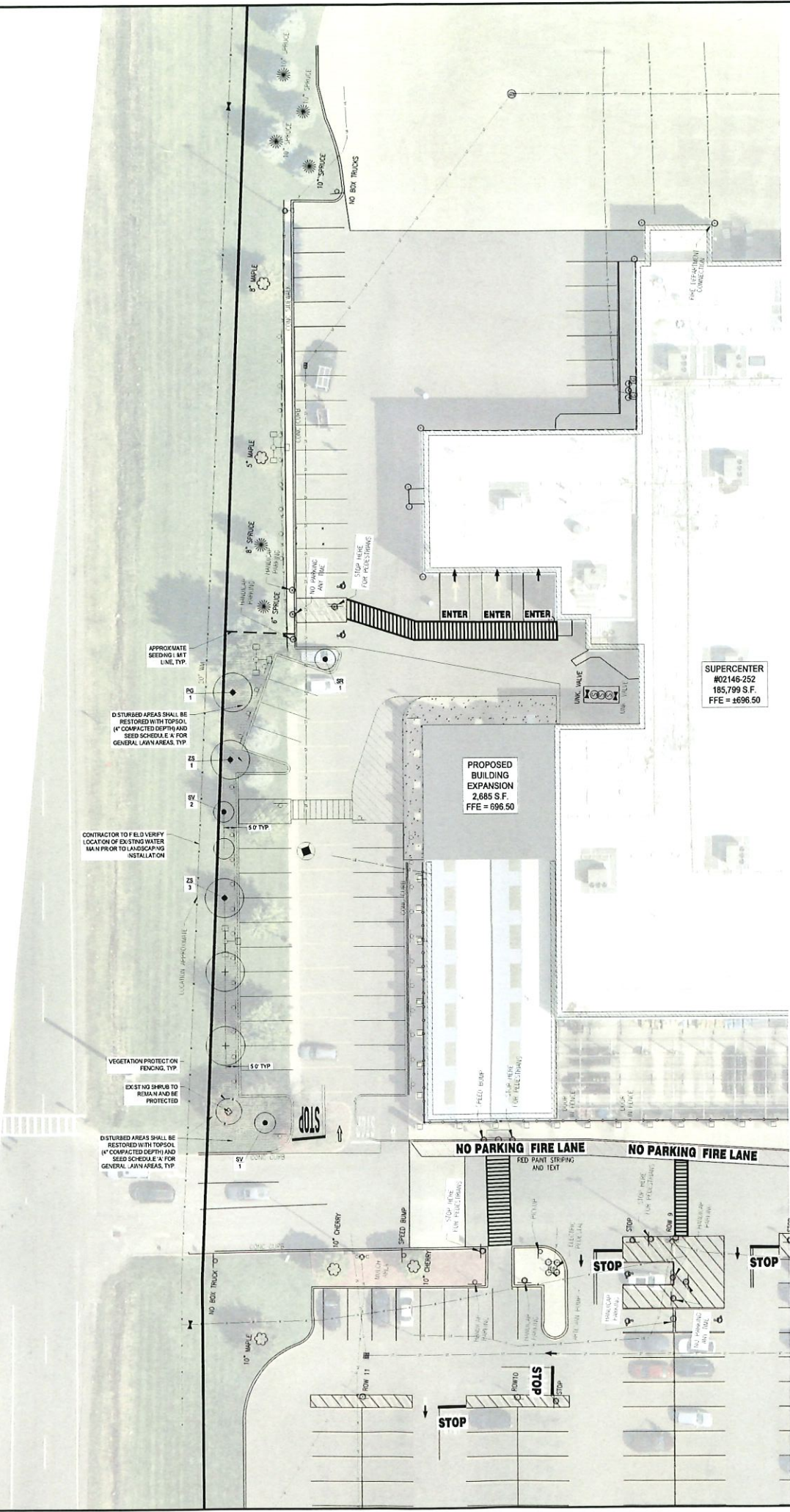
SMALL TREE PLANTING
(14' OR LESS)
N.T.S.

1. TREE WRAP.
2. 4" MINIMUM OF HARDWOOD MULCH COMPACTED OR AS SPECIFIED.
3. STAKE SIZE SHALL BE ONE SIZE HIGHER THAN REQUIRED FOR SIZE OF TREE. REFER TO SITEWORK SPECIFICATIONS FOR APPROVED MATERIALS AND INSTALLATION REQUIREMENTS.
4. 3" HIGH SOIL BERM TO HOLD WATER.
5. FINISHED GRADE (SEE GRADING PLAN).
6. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
7. B & B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).
8. PREPARED PLANTING SOIL AS SPECIFIED.
9. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING ROOTBALLS SMALLER THAN 24" IN DIA. MAY SIT ON COMPACTED EARTH.
10. UNDISTURBED SUBSOIL.

- NOTES:
- A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.
 - B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.
 - C. SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.
 - D. PRUNE TREE AS DIRECTED BY LANDSCAPE ARCHITECT.
 - E. BRANCHING HEIGHT TO 4.4N STANDARDS.

1. TREE WRAP.
2. 4" MINIMUM OF HARDWOOD MULCH COMPACTED OR AS SPECIFIED.
3. STAKE SIZE SHALL BE ONE SIZE HIGHER THAN REQUIRED FOR SIZE OF TREE. REFER TO SITEWORK SPECIFICATIONS FOR APPROVED MATERIALS AND INSTALLATION REQUIREMENTS.
4. 3" HIGH SOIL BERM TO HOLD WATER.
5. FINISHED GRADE (SEE GRADING PLAN).
6. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
7. B & B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).
8. PREPARED PLANTING SOIL AS SPECIFIED.
9. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING ROOTBALLS SMALLER THAN 24" IN DIA. MAY SIT ON COMPACTED EARTH.
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 - E. BRANCHING HEIGHT TO 4.4N STANDARDS.



LANDSCAPE NOTES:

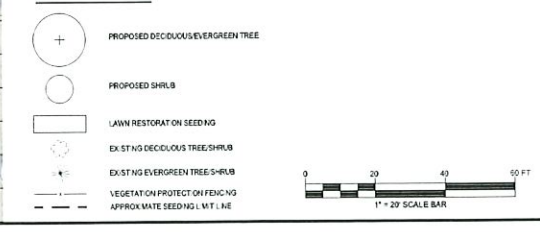
1. ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL. SEE SPECIFICATION 02000.
2. ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
3. ALL PLANT MATERIAL SHALL BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE PLANT LIST.
4. ALL TREES SHALL HAVE A STRAIGHT TRUNK AND FULL HEAD, BE INJURY FREE, AND MEET ALL REQUIREMENTS SPECIFIED.
5. ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
6. ALL TREES MUST BE QUOTED OR STAKED AS SHOWN IN THE DETAILS AND SPECIFICATIONS.
7. ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
8. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF UTILITY LINES ADJACENT TO THE WORK AREA. TO PROTECT ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD, AND TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
9. NO TREES SHALL BE PLANTED OVER OR WITHIN FIVE LATERAL FEET OF ANY UNDERGROUND WATERLINE, SEWER LINE, TRANSMISSION LINE OR OTHER UTILITY AS PER CITY OF AUBURN, NY CODE SECTION 277.1.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PROCEEDING WITH THE WORK.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING PER SPECIFICATIONS TO MAINTAIN HEALTHY PLANT CONDITIONS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) ALL OF THE PLANT MATERIALS AND LAWN FOR THE PERIOD OF THE SHOWN IN THE 02000 SPEC.
13. ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED PRIOR TO SUBSTANTIAL COMPLETION SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
14. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD DEFINED IN THE SPECIFICATION 02000. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
15. AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
16. STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK", AND 2001 LATEST EDITION REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
17. WHERE SHOWN ON THE PLANS AND DETAILS, PLANTING BEDS ARE TO BE COMPLETELY COVERED WITH A HARDWOOD MULCH FROM A LOCAL SOURCE HARVESTED IN A SUSTAINABLE MANNER TO A MINIMUM DEPTH OF FOUR INCHES.
18. REFER TO WALMART SPECIFICATIONS FOR INFORMATION NEEDED FOR IMPLEMENTATION OF PLANTING PLANS.
19. ALL PLANT MATERIAL QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN.
20. THIS PLAN IS TO BE IMPLEMENTED COOPERATIVELY WITH SWPPP PLAN, AS NEEDED, TO MAXIMIZE THE EFFECTIVENESS OF THE SWPPP PLAN FOR THIS SITE.
21. THE CONTRACTOR IS ENCOURAGED TO COMPLETE TEMPORARY OR PERMANENT SEEDING OR SOODING IN STAGES FOR SOIL STABILIZATION AS AREAS ARE COMPLETED AFTER GRADING.
22. THIS PLAN DOES NOT PRESENT ANY TEMPORARY STABILIZATION REQUIRED AS PART OF SWPPP PLAN.
23. ALL PLANT MATERIAL SHALL BE HARDY UNDER CLIMATE CONDITIONS THAT EXIST AT THE PROJECT SITE AND GROWN AT A NURSERY AT THE SAME HARDINESS ZONE AS THE PROJECT LOCATION.
24. NO SUBSTITUTIONS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER OR OWNER'S REPRESENTATIVE.
25. ALL AREAS DISTURBED BY UTILITY INSTALLATION AND SITE GRADING ACTIVITY SHALL RECEIVE APPROVED TOPSOIL TO A COMPACTED DEPTH OF (4) FOUR INCHES, UNLESS OTHERWISE SPECIFIED BY THE GOVERNING MUNICIPALITY, BE FINE GRADED, SEEDDED, MULCHED AND WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
26. CONTRACTOR SHALL TAKE CAUTION WHILE INSTALLING NEW PLANT MATERIALS WITHIN EXISTING NO PLANTING BEDS TO MINIMIZE IMPACT TO ADJACENT EXISTING PLANT MATERIALS TO REMAIN. ANY EXISTING PLANT MATERIALS TO REMAIN WHICH ARE DAMAGED DURING INSTALLATION OF NEW PLANT MATERIALS SHALL BE REPLACED IN KIND AT NO ADDITIONAL COST TO THE OWNER.
27. CONTRACTOR SHALL TAKE REASONABLE MEASURES TO PROTECT THE EXISTING TREES WHICH ARE TO BE PRESERVED FROM ALL POSSIBLE TYPES OF ROOT, TRUNK, AND LIMB DAMAGE DURING EXCAVATION AND ALL OTHER PHASES OF THE CONSTRUCTION PROCESS. IF A TREE (MINUS) BECOMES DAMAGED OR ROOTS BECOME EXPOSED DURING ANY PHASE OF CONSTRUCTION IT SHALL BE REPAIRED PER ANSI STANDARDS. IF A TRUNK BECOMES DAMAGED, THE TREE SHALL BE REPLACED IN KIND AT NO ADDITIONAL COST TO THE OWNER.

PLANT LIST						
Key	Qty.	Botanical Name	Common Name	Mature Size	Height	Spread
Shade Trees						
SR	3	Zelkova serrata 'Munshofer'	Munshofer Zelkova	40-45' Ht.	15-20' Spd.	25' Cd.
Ornamental Trees						
SR	1	Syringa reticulata 'Voyv Sika'	Voyv Sika Tree Lilac	20-25' Ht.	15-20' Spd.	25' Cd.
Evergreen Trees						
PG	1	Picea glauca 'Densata'	White Spruce	20-40' Ht.	10-15' Spd.	8' Ht.
Deciduous / Evergreen Shrubs						
SV	3	Syringa vulgaris	Common Lilac	12-15' Ht.	8-12' Spd.	No S.

SEED SCHEDULE 'A'		
SEEDING LIMITS AS SHOWN ON PLAN		
GENERAL LAWN MIX		
SEEDING RATE 220 LBS. PER ACRE (5 LB. PER 1,000 S.F.)		
PERCENT BY NO. OF SEEDS	SCIENTIFIC NAME	COMMON NAME
30.0%	FESTUCA LURIDA (N/1 3 VARIETIES)	CREeping FESCUE (N/1 3 VARIETIES)
50.0%	LOLUM PERPENSICUM (N/1 3 VARIETIES)	PERENNIAL RYEGRASS (N/1 3 VARIETIES)
20.0%	POLYPHRAGMIS (N/1 3 VARIETIES)	KENTUCKY BLUEGRASS (N/1 3 VARIETIES)

*PROVIDE TEMPORARY SEEDING OF ANNUAL RYEGRASS (LOLUM MULTIFLORUM) WITHIN SEEDING LIMITS AT RATE OF 50 LBS. PER ACRE.

LEGEND:



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July 16th, 2025

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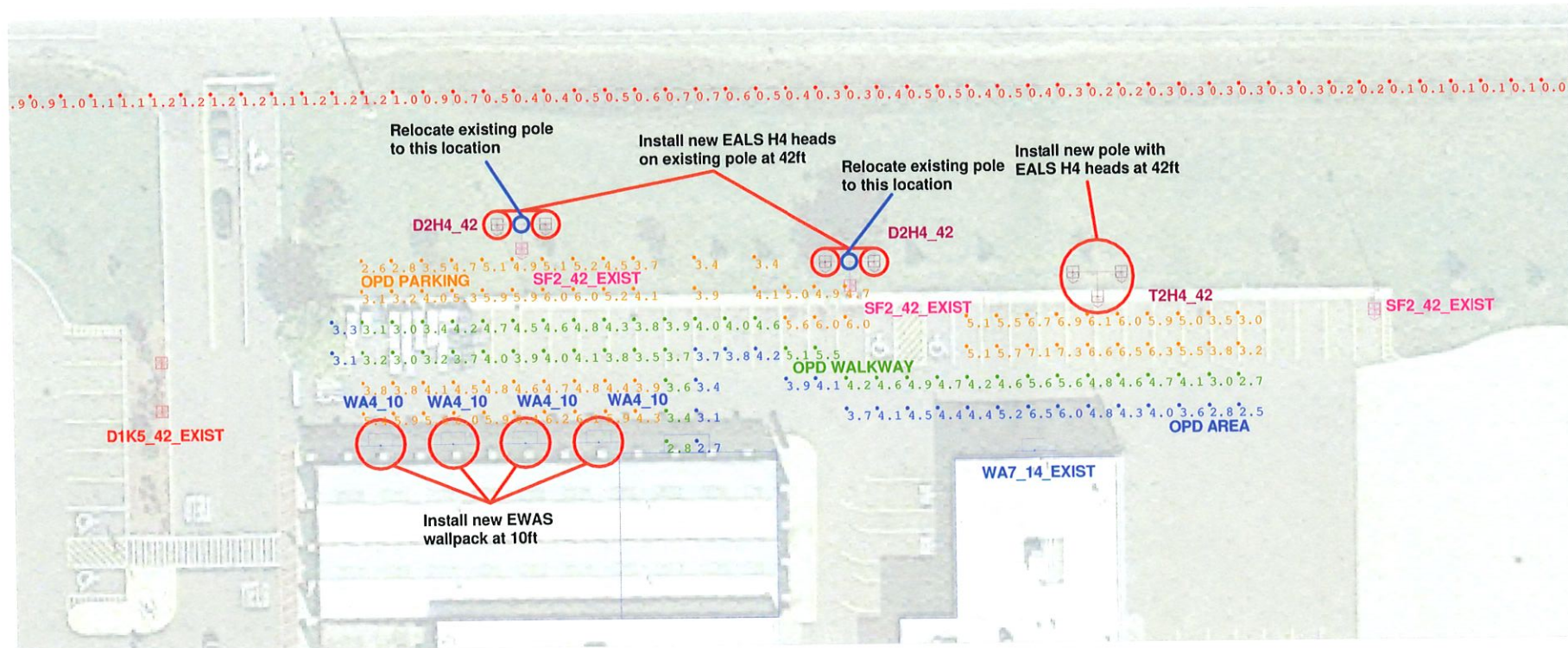
DATE: 04/11/2025
BY: JMS
CHECKED BY: JMS
DATE: 04/11/2025

PROJECT: LANDSCAPE PLAN AND DETAILS
SHEET: C130



LIGHTING NOTES:

1. REFER TO ARCH PLANS FOR SITE LIGHTING ELECTRICAL PLAN.



Scale: 1 inch= 20 Ft.

L85 = OPERATING HOURS AT WHICH AN AVERAGE OF 15% OF INITIAL LUMENS HAVE BEEN LOST IN A TESTED POPULATION OF LED PLATFORMS. THE POPULATION STILL EMITS 85% OF INITIAL LUMENS. THE LUMINAIRE HAS NOT FAILED. IT IS STILL OPERATING WITH A REDUCED LIGHT OUTPUT.

L93 = OPERATING HOURS AT WHICH AN AVERAGE OF 8% OF INITIAL LUMENS HAVE BEEN LOST IN A TESTED POPULATION OF LED PLATFORMS. THE POPULATION STILL EMITS 93% OF INITIAL LUMENS. THE LUMINAIRE HAS NOT FAILED. IT IS STILL OPERATING WITH A REDUCED LIGHT OUTPUT.

IN COMPARISON, NON-LED LUMINAIRES ARE RATED WITH MEAN LUMENS MEASURED AT 40-50% OF RATED LIFE, DEPENDING ON TECHNOLOGY, AND RATED LIFE OF B50, WHERE B50 = OPERATING HOURS AT WHICH 50% OF A TESTED POPULATION OF LAMPS HAVE FAILED.

PROPERTY LINES BASED OFF PROVIDED LIGHTING RETROFIT SURVEY AND GOOGLE EARTH PRO. CALCULATION AREAS TREATED AS OPEN AND EMPTY. NO TREES ARE CONSIDERED IN THE DESIGN. ACTUAL VALUES MAY VARY FROM CALCULATED VALUES SHOWN. LED STATISTICS SHOWN ARE AT 50000 HOURS L85 & L93 RATING (~12 YEARS @ 12 HRS/DAY)

Notes:

This is a remodel request for the OPD area on a site that has already been retrofit to LED fixtures in 2015. Material with "exist" label is already installed on site and is included here as light contribution only. All other material is what is being added to increase the lighting in the OPD Pick up area per request.

Calculation Summary Illuminance Foot-candles

Label	Avg	Max	Min	Avg/Min	Max/Min
OPD AREA	4.00	6.5	2.5	1.60	2.60
OPD PARKING	5.00	7.3	2.6	1.92	2.81
OPD WALKWAY	4.08	5.6	2.7	1.51	2.07
Vert Spill Prop	0.08	1.2	0.0	N.A.	N.A.
Line @ 5' AFG					

Current Luminaire Schedule

Project: EXISTING MATERIAL

Symbol	Qty	Label	Arrangement	LLF	Description	Arr. Watts	Arr. Lum. Lumens	BUG Rating	[MANUFAC]
	3	SF2_42_EXIST	SINGLE	0.765	1-EASC5F2F550DBLCKDF 39ft pole on 3ft base	144	16200	B3-U0-G3	CURRENT LIGHTING
	1	D1K5_42_EXIST	BACK-BACK	0.765	2-EASC5K5N550DBLCKDF 39ft pole on 3ft base	566	60000	B5-U0-G3	CURRENT LIGHTING
	1	WA7_14_EXIST	SINGLE	0.765	1-EWS20A7D1401BLCK mounted at 14ft	29	3100	B1-U0-G1	CURRENT LIGHTING

EXISTING MATERIAL

Current Luminaire Schedule

Project: NEW MATERIAL

Symbol	Qty	Label	Arrangement	LLF	Description	Arr. Watts	Arr. Lum. Lumens	BUG Rating	[MANUFAC]
	4	WA4_10	SINGLE	0.837	1-EWAS010A4AF740N1FMBLCK mounted at 10ft	21	3000	B1-U0-G1	CURRENT LIGHTING
	2	D2H4_42	ROTATED OPTICS	0.837	1-EALS035H4AF750NDD1BLCKFS1 & 1-EALS035H4AF750NDD1BLCKFS2 39ft pole on 3ft base	280	40000	B3-U0-G3	CURRENT LIGHTING
	1	T2H4_42	TRIPLE	0.837	1-EALS035H4AF750NDD1BLCKFS1 & 1-EALS035H4AF750NDD1BLCKFS2 & 1-EALS035H4AF750NDD1BLCKF 39ft pole on 3ft base	420	60000	B3-U0-G3	CURRENT LIGHTING

ADDITIONAL MATERIAL



NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

[illegible][illegible]

0216-7375

Walmart 
Walmart Stores, Inc.
2608 SE J Street
Bentonville, AR 72716

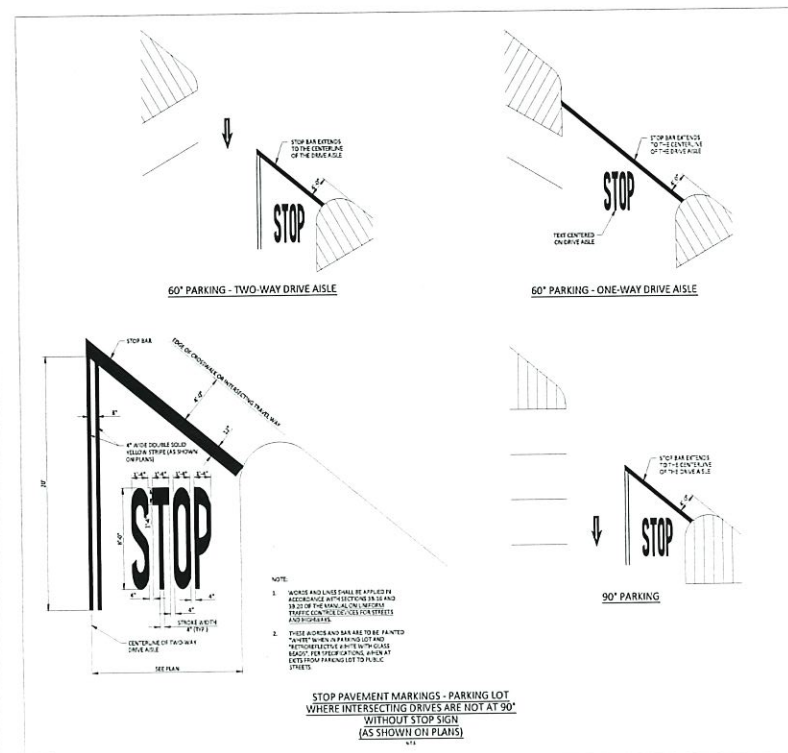
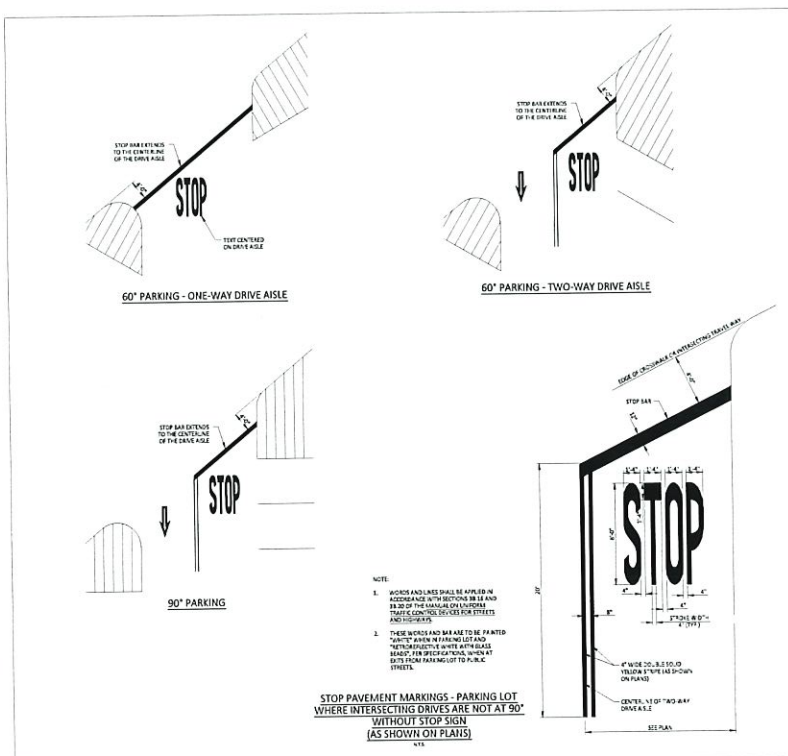
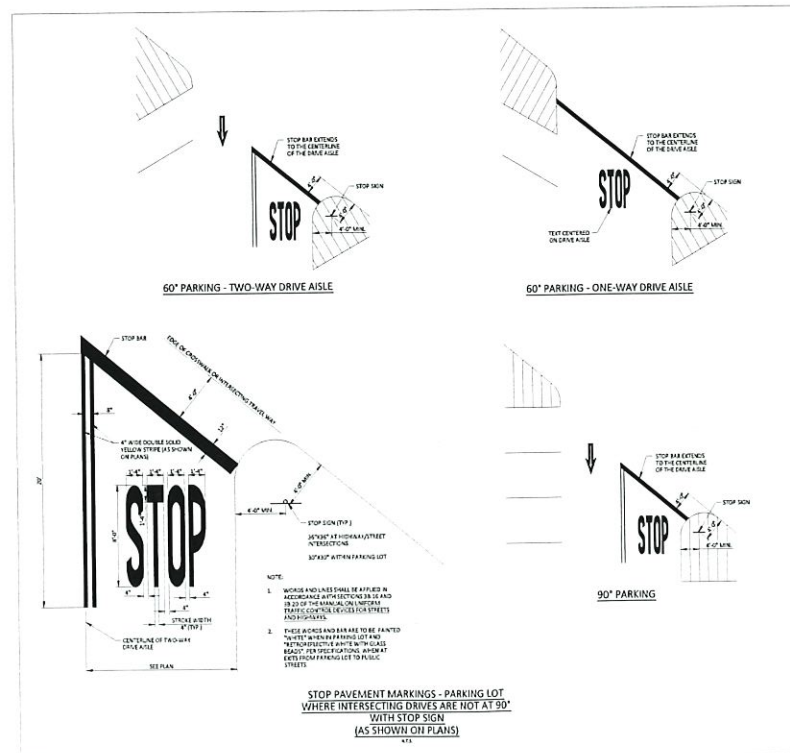
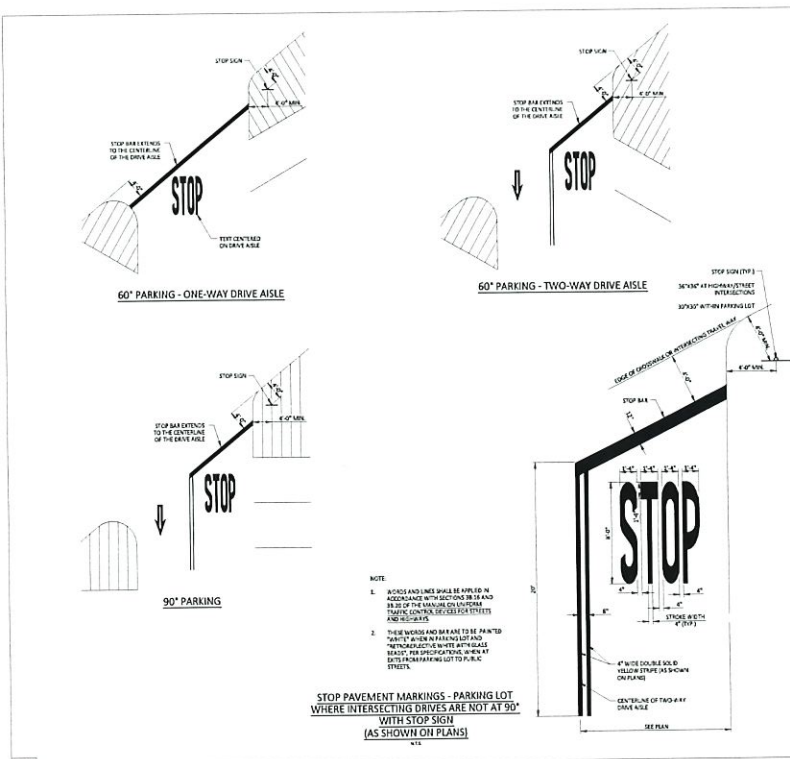
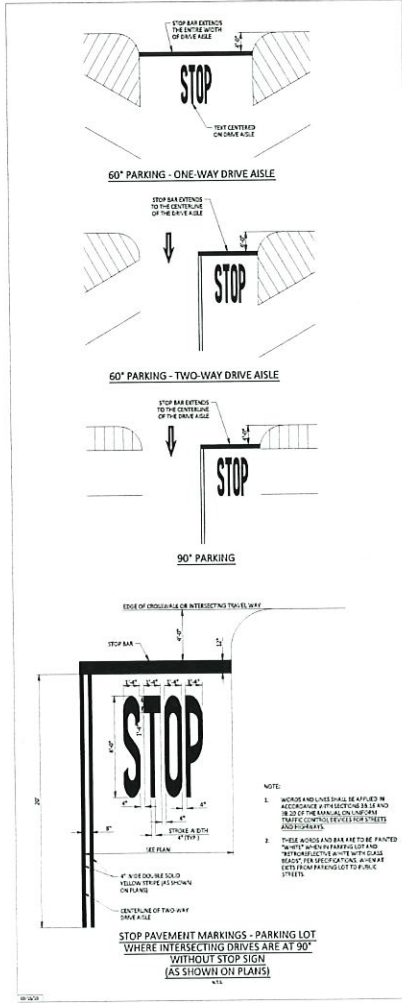
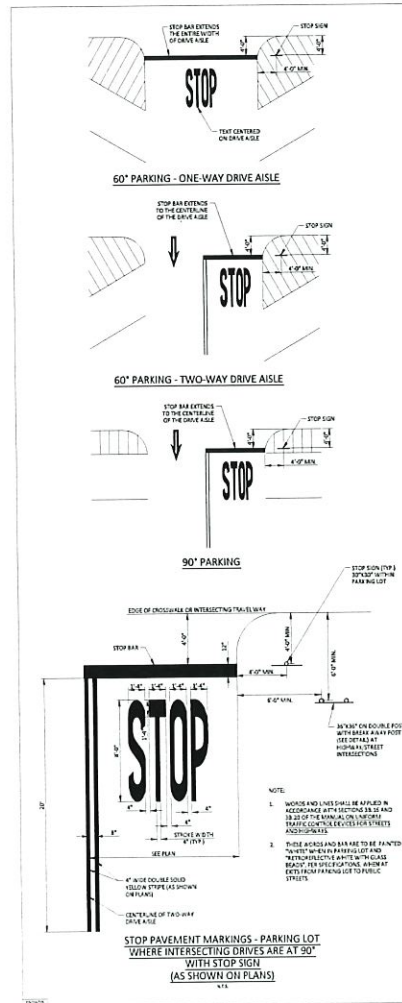
Store # 02146-252
101 SANFORD FARMS
SHOPPING CENTER
AMSTERDAM, NY

ROCHESTER
280 East Broad St.
Suite 200
Rochester, NY
Phone: 585.232.51
COLLENS ENGINEERING & ARCHITECTURE, INC.
ARCHITECTURE, INTERIOR
ARCHITECTURE, INTERIOR

SCALE AS SHOWN	DATE 07/11/25	DRAWN BY ANM	CHECKED BY JW
PROJECT NUMBER 24013363A		DRAWING NAME REC-60W DETAILS 2	

**SECP AND STOP SIG
AND MARKINGS
DETAIL SHEET**

SECP-SSM DETAILS 2



PERFORMANCE STANDARDS

NOTES: 1. SUBSTANCES THAT HAVE THE POTENTIAL FOR POLLUTING SURFACE AND/OR GROUNDWATER MUST BE CONTROLLED BY ANY MEANS NECESSARY TO ENSURE THAT THOSE DO NOT DISCHARGE FROM THE SITE. IN THIS REGARD, POTENTIALLY POLLUTING SUBSTANCES SHALL BE STORED AND HANDLED IN A MANNER CONSISTENT WITH THE RISK OF IMPACT THOSE REPRESENT, AND ACCORDING WITH THE REGULATIONS. 2. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, ARE ALLOWED TO BE DISCHARGED FROM THE SITE WITH EXCEPTIONS: ALL SOLID WASTE, INCLUDING DISPOSABLE MATERIALS, MUST BE STORED IN CONTAINERS. RUBBER, TRAIL, GARAGE, LITTER, OR OTHER SOLID MATERIALS SHALL BE DISPOSED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE. THE CONTAINERS SHALL BE WHOLELY AWAY FROM THE SITE AND EMPTIED WHEN THOSE BECOME SOIL FILL OR AS NECESSARY BY A CERTIFIED TRASH DISPOSAL SERVICE. LIDS OR COVERS FOR THE CONTAINERS SHALL BE PROVIDED FOR USE DURING RAIN EVENTS TO PREVENT WASTE CONTACT WITH STORMWATER. WASTES THAT CANNOT BE STORED IN A CONTAINER MUST BE DISPOSED UNDER COVER OR IN RECORDS. THE LOCATION OF SOLID WASTE RECEPTACLES SHALL BE SHOWN ON THE SITE MAPS. SWD SOLID WASTE DISPOSAL SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2013	NOTES: 1. MATERIAL STORAGE AREAS SHOULD BE LOCATED, WHEN POSSIBLE, TO MINIMIZE EXPOSURE TO WEATHER. EXPOSED MATERIALS SHOULD BE COVERED WITH A TEMPORARY COVER OR KEPT UNDER CONTROL WITH WATER OR OTHER SOIL ADHERING PRODUCTS TO PREVENT SOIL PARTICLES FROM BECOMING AEROSOL, AND FROM LEAVING THE SITE PERIMETER. 2. WATER TRUCKS OR OTHER DUST CONTROL AGENTS SHALL BE USED AS NEEDED DURING CONSTRUCTION TO MINIMIZE DUST GENERATED ON THE SITE. TACKERS MAY BE USED TO MINIMIZE DUST AND PREVENT DUST. MANUFACTURER RECOMMENDATIONS FOR APPLICATION LOCATION AND RATES MUST BE USED FOR DUST CONTROL APPLICATIONS. ONLY SHIP-SPECIFIC TACKERS MAY BE USED ON THE PROJECT SITE. ANY CHEMICAL APPLICATION NOT INCLUDED IN THE SHIP MUST BE APPROVED IN WRITING BY THE CEC. 3. DUST CONTROL MUST BE PROVIDED BY THE GC TO A DEGREE THAT IS IN COMPLIANCE WITH APPLICABLE FEDERAL, LOCAL, AND STATE DUST CONTROL REGULATIONS. 4. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED. 5. IN ADDITION TO BMPs, GC SHALL PERFORM BEST PRACTICES AND PROCEDURES WHICH MINIMIZE AND PREVENT AIRBORNE DUST OR OTHER PARTICLES FROM OCCURRING. MS MATERIAL LAYDOWN AND STORAGE AREA SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2013	NOTES: 1. LARGE AREAS OF SOIL THAT ARE DEVOID OF VEGETATION AND HAVE NO PROTECTION FROM PARTICLES BEING PICKED UP AND CARRIED BY WIND SHOULD BE PROTECTED WITH A TEMPORARY COVER OR KEPT UNDER CONTROL WITH WATER OR OTHER SOIL ADHERING PRODUCTS TO PREVENT SOIL PARTICLES FROM BECOMING AEROSOL, AND FROM LEAVING THE SITE PERIMETER. 2. WATER TRUCKS OR OTHER DUST CONTROL AGENTS SHALL BE USED AS NEEDED DURING CONSTRUCTION TO MINIMIZE DUST GENERATED ON THE SITE. TACKERS MAY BE USED TO MINIMIZE DUST AND PREVENT DUST. MANUFACTURER RECOMMENDATIONS FOR APPLICATION LOCATION AND RATES MUST BE USED FOR DUST CONTROL APPLICATIONS. ONLY SHIP-SPECIFIC TACKERS MAY BE USED ON THE PROJECT SITE. ANY CHEMICAL APPLICATION NOT INCLUDED IN THE SHIP MUST BE APPROVED IN WRITING BY THE CEC. 3. DUST CONTROL MUST BE PROVIDED BY THE GC TO A DEGREE THAT IS IN COMPLIANCE WITH APPLICABLE FEDERAL, LOCAL, AND STATE DUST CONTROL REGULATIONS. 4. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED. 5. IN ADDITION TO BMPs, GC SHALL PERFORM BEST PRACTICES AND PROCEDURES WHICH MINIMIZE AND PREVENT AIRBORNE DUST OR OTHER PARTICLES FROM OCCURRING. DC DUST CONTROL SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2012	NOTES: 1. STORM DRAIN INLET PROTECTION MEASURES SHALL PREVENT SOIL AND DEBRIS FROM ENTERING STORM DRAIN INLETS. 2. TEMPORARY CONTROLS SHALL BE CONSTRUCTED BEFORE THE DRAINING AREA IS DISTURBED. 3. TO PREVENT CLOSING, STORM DRAIN CONTROL STRUCTURES MUST BE MAINTAINED FREQUENTLY. 4. CHECK ALL TEMPORARY CONTROL MEASURES DAILY, AND AFTER EACH STORM EVENT. 5. CONTROL MEASURES MUST BE BUILT FOR DETAIL AND PLANS, AND MUST BE IN GOOD WORKING CONDITION AT ALL TIMES. IP INLET PROTECTION SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2013	NOTES: 1. CONTRACTOR SHALL PROVIDE DESIGNATED LOCATION FOR SORTING AND SEPARATING HAZARDOUS WASTES. 2. HAZARDOUS WASTE STORAGE MUST BE PROTECTED FROM WEATHER ELEMENTS AND HAVE RESTRICTED ACCESS. 3. HAZARDOUS WASTE STORAGE MUST COMPLY WITH LOCAL, STATE, AND FEDERAL REGULATIONS. 4. HAZARDOUS WASTE STORAGE MUST COMPLY WITH CONTRACT DOCUMENTS. HW HAZARDOUS WASTE DISPOSAL SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2013
NOTES: 1. THE GC SHALL DESIGNATE AREAS ON THE SITE MAPS FOR EQUIPMENT CLEANING, MAINTENANCE, AND REPAIR. THE GC AND SUBCONTRACTORS SHALL UTILIZE DESIGNATED AREAS. EQUIPMENT CLEANING, MAINTENANCE, AND REPAIR AREAS SHALL BE PROTECTED BY A TEMPORARY FENCEMENT BARRIER SHALL NOT OCCUR WITHIN 100 FEET OF ANY ANTI-ACID, WATER BODY OR WETLAND, AND SHALL OCCUR IN AREAS LOCATED AS FAR AS PRACTICAL FROM STORM DRAINAGE SYSTEMS. 2. USE OF CEMENTS FOR LARGE SCALE WASHING IS PROHIBITED (FOR EXAMPLE, WASHING VEHICLES, BUILDINGS, PAVEMENT SURFACES, ETC.). ALL WASH WATER SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED. EVA EQUIPMENT AND VEHICLE CLEANING AND MAINTENANCE AREAS SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2013	NOTES: 1. CONSIDERATION MUST BE GIVEN TO ANTICIPATED CLIMATE AND SEASONAL CONDITIONS WHEN PLANTING SEED. 2. SEED SHALL BE FREE OF WEED SPECIES AND APPROPRIATE FOR SITE SOILS AND REGIONAL CLIMATE. SEED AND MULCH PER THE CONSTRUCTION DRAWINGS AND THE 02300 PLANTING SPECIFICATION IMMEDIATELY AFTER TOPSOIL IS APPLIED AND FINAL GRADE IS REACHED. 3. THE SITE HAS ACHIEVED FINAL STABILIZATION ONCE ALL AREAS ARE COVERED WITH BUILDING FOUNDATION OR PAVEMENT, OTHER LANDSCAPING COVER (SEED, MULCH, ETC.) OR HAVE A STAND OF GRASS WITH A MINIMUM OF 70 PERCENT DENSITY OVER THE ENTIRE VEGETATED AREA, OR GREATER IN ACCORDANCE WITH THE GENERAL PERMIT REQUIREMENTS. 4. VEGETATED AREAS MUST BE WATERED, FERTILIZED, AND RESEED AS NEEDED TO ACHIEVE THIS REQUIREMENT. 5. THE VEGETATIVE DENSITY MUST BE MAINTAINED THROUGH PROJECT COMPLETION TO BE CONSIDERED STABILIZED AREAS PROTECTED BY EROSION CONTROL MEASURES ARE NOT PERMANENTLY STABILIZED UNTIL THE APPLICABLE GENERAL PERMIT REQUIREMENT FOR FINAL VEGETATIVE DENSITY IS ACHIEVED. 6. RIP-RAP, MULCH, GRAVEL, DECOMPOSED GRANITE OR OTHER EQUIVALENT PERMANENT STABILIZATION MEASURES MAY BE EMPLOYED IN LIEU OF VEGETATION BASED ON SITE-SPECIFIC CONDITIONS, DESIGN AND GOVERNING AUTHORITY APPROVAL. 7. ALL VEGETATED AREAS SHALL BE INSPECTED REGULARLY TO CONFIRM THAT A HEALTHY STAND OF GRASS IS MAINTAINED. SVR SEEDING/VEGETATION REQUIREMENTS SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2012	NOTES: 1. THE GC SHALL IDENTIFY FUELING AREAS WITH LEGIBLE SIGNAGE ON THE SITE. TEMPORARY ON-SITE FUEL TANKS FOR CONSTRUCTION VEHICLES SHALL MEET ALL LOCAL, STATE AND FEDERAL REGULATIONS. ALL TANKS, SINGLE AND DOUBLE WALLED, SHALL BE PROVIDED WITH SECONDARY CONTAINMENT (THAT IS CONTAINMENT EXTERNAL TO AND SEPARATE FROM PRIMARY CONTAINMENT). TANKS SHALL HAVE APPROVED SPILL CONTAINMENT WITH THE CAPACITY REQUIRED BY THE APPLICABLE REGULATIONS. SECONDARY CONTAINMENT SHALL BE CONSTRUCTED OF MATERIALS OF SUFFICIENT THICKNESS, DENSITY, AND COMPOSITION SO AS NOT TO BE STRUCTURALLY WEAKENED AS A RESULT OF CONTACT WITH THE FUEL STORED AND CAPABLE OF CONTAINING DISCHARGED FUEL FOR A PERIOD OF THE EQUAL TO OR LONGER THAN THE MAXIMUM ANTICIPATED TIME SUFFICIENT TO ALLOW RECOVERY OF DISCHARGED FUEL. IT SHALL BE CAPABLE OF CONTAINING 110% OF THE VOLUME OF THE PRIMARY TANK. IF A SINGLE TANK IS USED, OR IN THE CASE OF MULTIPLE TANKS, 150% OF THE LARGEST TANK OR 110% OF THE AGGREGATE, WHICHEVER IS LARGER. 2. THE TANKS SHALL BE IN SOLID CONDITION, FREE OF RUST OR OTHER DAMAGE WHICH MIGHT COMPROMISE CONTAINMENT. FUEL STORAGE AREAS SHALL MEET ALL EPA, OSHA AND OTHER REGULATORY REQUIREMENTS FOR SIGNAGE, FIRE EXTINGUISHERS, ETC. HOSES, VALVES, FITTINGS, CAPS, FILLER NOZZLES, AND ASSOCIATED HARDWARE SHALL BE MAINTAINED IN PROPER WORKING CONDITION AT ALL TIMES. TANKS SHALL BE LOCATED TO MINIMIZE EXPOSURE TO WEATHER AND SURFACE WATER DRAINAGE FEATURES. THE LOCATION OF FUEL TANKS SHALL BE SHOWN ON THE SITE MAPS. 3. A SPILL PREVENTION, CONTROL AND COUNTERMEASURE (SPCC) PLAN MUST BE DEVELOPED IF ABOVE-GROUND OIL STORAGE CAPACITY AT THE CONSTRUCTION SITE EXCEEDS 1,320 GALLONS OR AS PRECIPED BY STATE. 4. CONTAINERS WITH A STORAGE CAPACITY OF 55-GALLONS OR LESS ARE NOT INCLUDED WHEN CALCULATING SITE STORAGE CAPACITY. THE GC SHALL WORK WITH THE CEC TO DEVELOP AND IMPLEMENT A SPCC PLAN IN ACCORDANCE WITH THE OIL POLLUTION PREVENTION REGULATION AT TITLE 40 OF THE CODE OF FEDERAL REGULATIONS, PART 112, (40 CFR 112). TP TEMPORARY PARKING SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2013	NOTES: 1. PROVIDE WASH STATION IN A LOCATION PROTECTED FROM WEATHER ELEMENTS. 2. COLLECT ALL USED WASH WATER AND DISPOSE OF IT PROPERLY. 3. PROVIDE ADEQUATE SUPPLY OF WATER AND ANY OTHER SUPPLIES TO ENSURE PROPER OPERATION OF WASH STATION WHEN NEEDED. PSM PAINT AND STUCCO WASHOUT SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2013	NOTES: 1. CONCRETE WASTE MANAGEMENT PERTAINS TO WASTE FROM CONCRETE READY-MIX TRUCKS, MASONRY OPERATIONS, AND SIMILAR WASTE. 2. DISCHARGE OF EXCESS OR WASTE CONCRETE AND/OR WASH WATER FROM CONCRETE TRUCKS IS ALLOWED AT THE CONSTRUCTION SITE. ONLY COMMERCIALLY AVAILABLE GROUND PORTABLE CONCRETE WASHOUT CONTAINERS ARE ALLOWED AND MUST BE PROTECTED FROM VEHICLE TRAFFIC AND CLEARLY IDENTIFIED BY LEGIBLE SIGNAGE, AND MUST BE LOCATED OUTSIDE OF VEGETATED BUFFERS AND AS FAR AS PRACTICABLE FROM STORMWATER CONVEYANCES AND IMPOUNDMENTS AND WATER BODIES. PORTABLE CONCRETE WASHOUT CONTAINERS SHALL CONTAIN AND/OR ACTIVELY MANAGE BOTH SOLID AND FLUID COMPONENTS OF THE WASH. CONCRETE WASHOUT CONTAINERS MUST BE CLEANED OR EXCHANGED WHEN THE REMAINING VOLUME IS REDUCED BY 85% TO PREVENT ANY POTENTIAL OVERFLOW IN A STORM EVENT. 3. ALTERNATIVELY, WASTE CONCRETE CAN BE PLACED INTO FORMS TO MAKE RIP RAP AND/OR OTHER USEFUL CONCRETE PRODUCTS. PORTABLE CONCRETE WASHOUT CONTAINERS SHALL BE DISPOSED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THE GC IS RESPONSIBLE FOR ASSURING THAT THESE PROCEDURES, APPLICABLE LAWS, AND ENVIRONMENTAL REGULATIONS ARE FOLLOWED. THE LOCATION OF CONCRETE WASHOUT CONTAINERS SHALL BE SHOWN ON THE SITE MAPS. CW CEMENT AND CONCRETE WASHOUT SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2013
NOTES: 1. THE GC IS REQUIRED TO, AT A MINIMUM, INITIATE SOIL STABILIZATION MEASURES IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT LIKELY RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. 2. THE GC HAS 7 DAYS FROM INITIATION OF STABILIZATION TO COMPLETE SOIL PREPARATION, SEEDING, MULCHING, AND ANY OTHER REQUIRED ACTIVITIES RELATED TO THE PLANTING AND ESTABLISHMENT OF VEGETATION. THE GC ALSO HAS 7 DAYS FROM INITIATION OF STABILIZATION TO COMPLETELY INSTALL NON-VEGETATED MEASURES, IF UTILIZED. 3. ALL DISTURBED AREAS MUST BE STABILIZED TEMPORARILY WITH THE USE OF FAST-GERMINATING ANNUAL GRASS/GRAIN VARIETIES APPROPRIATE FOR SITE SOIL AND CLIMATE CONDITIONS. MULCH IS REQUIRED FOR ALL SEEDING APPLICATIONS, AND ALL MULCH APPLICATIONS MUST INCLUDE A SUITABLE FORM OF MULCH ANCHORING TO MINIMIZE MOVEMENT OF MULCH BY WIND OR WATER. 4. ALTERNATIVE STABILIZATION MEASURES TO SEEDING, SUCH AS ANCHORED MULCH APPLICATION (WITHOUT SEEDING), MAY BE UTILIZED DURING PERIODS WHEN VEGETATIVE GROWTH IS UNLIKELY (E.G. WINTER MONTHS). 5. IT IS NOT ACCEPTABLE TO ALLOW BARE SOIL TO REMAIN EXPOSED AT ANY TIME DURING THE YEAR, REGARDLESS OF WEATHER/TEMPERATURE/SITE CONDITIONS. 6. ALTERNATIVE STABILIZATION MEASURES INCLUDE, BUT ARE NOT LIMITED TO: ANCHORED STRAW/HAY MULCH, ADD CELLULOSE FIBER MULCH, SPRAY-ON SOIL GLUES/BONDERS, AND ROLLED EROSION CONTROL PRODUCTS. 7. ALL ROLLED EROSION CONTROL PRODUCTS SHALL HAVE CURRENT (QDIR(TM) STATUS ISSUED BY THE EROSION CONTROL TECHNOLOGY COUNCIL (ECTC) PLUS ANY STATE OR AGENCY-SPECIFIC REQUIREMENTS. EVIDENCE OF (QDIR(TM) APPROVAL SHALL ACCOMPANY THE PRODUCT SHIPPED TO THE JOBSITE FOR READY IDENTIFICATION BY THE CONTRACTOR OR AGENCY INSPECTOR. 8. ROLLED EROSION CONTROL PRODUCTS (NETS, BLANKETS, TURF REINFORCED MATES) AND VEGETATED AREAS NOT MEETING REQUIRED VEGETATIVE DENSITIES FOR FINAL STABILIZATION MUST BE INSPECTED DAILY. RIDDING, PUTTING AND OTHER SIGNS OF EROSION INDICATE THE SPECIFIED EROSION CONTROL DEVICE IS NOT FUNCTIONING OR INSTALLED PROPERLY AND/OR ADDITIONAL EROSION CONTROL DEVICES ARE WARRANTED. TS TEMPORARY SEEDING OR STABILIZATION SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2012	NOTES: 1. PERMANENT STABILIZATION SHALL BE ACCOMPLISHED IN ALL DISTURBED AREAS BY COVERING THE SOIL WITH PAVEMENT, BUILDING STRUCTURES, VEGETATION, OR OTHER FORMS OF SOIL STABILIZATION. 2. THE GC IS REQUIRED TO INITIATE PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY UPON REACHING FINAL GRADE. FOR THOSE AREAS NOT AT FINAL GRADE THAT WILL NOT BE DISTURBED FOR GREATER THAN 14 DAYS, THE CONTRACTOR SHOULD INITIATE TEMPORARY STABILIZATION PER THE TEMPORARY SEEDING OR STABILIZATION DETAIL. 3. THE GC HAS 7 DAYS FROM INITIATION OF STABILIZATION TO COMPLETE SOIL PREPARATION, SEEDING, MULCHING, AND ANY OTHER REQUIRED ACTIVITIES RELATED TO THE PLANTING AND ESTABLISHMENT OF VEGETATION. THE GC ALSO HAS 7 DAYS FROM INITIATION OF STABILIZATION TO COMPLETELY INSTALL NON-VEGETATED MEASURES, IF UTILIZED. 4. AT THE COMPLETION OF GROUND-DISTURBING ACTIVITIES, THE ENTIRE SITE MUST HAVE PERMANENT VEGETATIVE COVER MEETING VEGETATIVE DENSITY REQUIREMENTS IN THE GENERAL PERMIT, OR MULCH PER LANDSCAPE PLAN, IN ALL AREAS NOT COVERED BY HARDSCAPE (STONE, PAVEMENT, BUILDINGS, ETC.). 5. SEEDING AREAS SHALL BE PROTECTED WITH STRAW MULCH, HYDRAULIC MULCH OR A ROLLED EROSION CONTROL PRODUCT. STRAW MULCH MUST BE TACKED OR CRIMPED BY DISC OR OTHER MACHINERY, AND ROLLED EROSION CONTROL PRODUCTS MUST BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. ONLY ROLLED EROSION CONTROL PRODUCTS ARE PERMITTED TO BE USED IN FLOW CONVEYANCES. 6. FINAL SITE STABILIZATION IS ACHIEVED WHEN PERENNIAL VEGETATIVE COVER PROVIDES PERMANENT STABILIZATION WITH A UNIFORM DENSITY GREATER THAN 70 PERCENT OVER THE ENTIRE AREA TO BE STABILIZED BY VEGETATIVE COVER. THIS AREA IS EXCLUSIVE OF AREAS THAT ARE COVERED WITH ROCK (CRUSHED GRANITE, GRAVEL, ETC.) OR LANDSCAPE MULCH, PAVED OR HAVE A BUILDING OR OTHER PERMANENT STRUCTURE ON THEM. PS PERMANENT SEEDING, SOD OR MULCHING SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2012	NOTES: 1. VERIFY WITH CEC WHICH DISCHARGES FROM DEWATERING ACTIVITIES ARE ALLOWED OR ARE NOT ALLOWED NON-STORMWATER DISCHARGES UNDER THE GENERAL PERMIT AND OTHER REGULATIONS. OBTAIN ALL DEWATERING PERMITS AND AUTHORIZATIONS REQUIRED BY STATE AND LOCAL REGULATIONS. SEE THE REQUIRED DEWATERING PERMITS AND AUTHORIZATIONS TABLE BELOW. GC MUST COMPLETE COLUMNS 3 AND 4. 2. GC MUST WAIT TO HAVE WRITTEN COPY OF ALL REQUIRED DEWATERING PERMITS AND AUTHORIZATIONS BEFORE PERFORMING DEWATERING ACTIVITIES. 3. DISCHARGES FROM DEWATERING OPERATIONS MUST BE DIRECTED THROUGH AN APPROPRIATE POLLUTION PREVENTION/TREATMENT SYSTEM OF CONTROL MEASURES, SUCH AS A SEDIMENT/FILTER BAG, SEDIMENT TRAP OR SEDIMENT BASIN, AND OTHERS, AS NEEDED, PRIOR TO BEING DISCHARGED FROM THE SITE OR INTO A WATER BODY OF THE STATE. UNDER NO CIRCUMSTANCES ARE DISCHARGES FROM DEWATERING OPERATIONS TO BE DISCHARGED DIRECTLY INTO SANITARY SEWER SYSTEMS, STREAMS, RIVERS, LAKES OR OTHER AREAS BEYOND THE PERMITTED PROJECT AREA. LIKEWISE, DISCHARGES INTO STORM SEWER SYSTEMS THAT DO NOT DRAIN TO A SUITABLE ON-SITE TREATMENT FACILITY, SUCH AS A BASIN, ARE ALSO PROHIBITED. DISCHARGES FROM DEWATERING OPERATIONS MUST ALSO BE CONDUCTED IN A MANNER SUFFICIENT TO PREVENT EROSION FROM THE DISCHARGE RUNOFF. 4. IN SEDIMENT TRAP OR BASIN OR POND DEWATERING OPERATIONS, WATER MUST ONLY BE REMOVED FROM THE SURFACE OF THE CONTAINED WATER. A SKIMMER OR SIMILAR FLOATING DEVICE MUST BE USED, TO ONLY REMOVE THE WATER AT THE SURFACE. 5. DO NOT DISCHARGE ON A SLOPE GREATER THAN THREE PERCENT NOR WITHIN 20 FEET OF A SURFACE WATER BODY. 6. DEWATERING SHALL NOT OCCUR DURING OR IMMEDIATELY AFTER PRECIPITATION EVENTS, BUT EXCEPTIONS SHALL BE EVALUATED ON CASE BY CASE BASIS. CONTACT THE CEC AND RECEIVE WRITTEN APPROVAL. DW DEWATERING SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2012	NOTES: 1. ALL PERSONNEL INVOLVED WITH CONSTRUCTION ACTIVITIES MUST COMPLY WITH STATE AND LOCAL SANITARY OR SEPTIC SYSTEM REGULATIONS. PORTABLE TOILETS MUST BE LOCATED AT LEAST 30 FEET FROM INLETS, CHANNELS, SNALES, OR PERMITTED LIMITS OF DISTURBANCE, AND MUST BE LOCATED AT LEAST 50 FEET FROM WATERS OF THE STATE, OR WATERS OF THE U.S.. PORTABLE TOILETS MUST BE SECURELY ANCHORED AND/OR TIED DOWN. SECONDARY CONTAINMENT SHALL BE PROVIDED AND FULL CAPACITY SHALL BE RESTORED IMMEDIATELY UPON DISCOVERY OF ITS OVERSIGHT. THE LOCATION OF SANITARY FACILITIES SHALL BE SHOWN ON THE SITE MAPS. SAF SANITARY FACILITIES SOURCE BOX WAL-MART STANDARD DETAIL LAST REVISED: JUNE 2013	

REQUIRED DEWATERING PERMITS AND AUTHORIZATIONS

1	2	3	4
GOVERNING AGENCY	PERMIT NAME/TITLE	PERMIT NO. (GC TO COMPLETE)	DATE PERMIT WAS ISSUED BY AGENCY (GC TO COMPLETE)
EPA	DEWATERING GENERAL PERMIT		

SWPPP DETAILS

DATE	DATE	DATE	DATE
APPROVED	APPROVED	APPROVED	APPROVED
PROJECT NAME	DATE	DATE	DATE
20130308	0001		

SWPPP DETAILS

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APPROVED	APPROVED	APPROVED	APPROVED
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20130308	0001		

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SEAL

07/16/2013

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Walmart Stores, Inc.

2608 SE J Street

Bentonville, AR 72716

Store # 02146-252

101 SANFORD FARMS

SHOPPING CENTER

AMSTERDAM, NY

Colliers

Engineering & Design

ROCHESTER

280 East Broad Street

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OR: 585.232.3135

AND: 585.232.3135

AND: 585.232.3135

DATE DATE | DATE | DATE || APPROVED | APPROVED | APPROVED | APPROVED |
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| 20130308 | 0001 | | |

SWPPP DETAILS

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SWPPP DETAILS

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SWPPP DETAILS

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SWPPP DETAILS

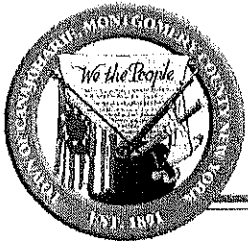
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PROJECT NAME	DATE	DATE	DATE
20130308			

NEW SIGNAGE SCHEDULE						
NOTE: THE SQUARE FOOTAGE IS NOT REQUIRED FOR THE SIGNAGE SHOWING 0.00 SF.						
ETR / NEW	SIGNAGE	HEIGHT	COLOR	ILLUMINATED	QTY	TOTAL RECTANGLE AREA (SF)
LEFT						
04	NEW Walmart	5'-0"	WHITE	YES	1	138.9
LEFT						138.9
FRONT						
NEW	Pharmacy	2'-0"	WHITE	NO	1	34.8
04	NEW Walmart	5'-0"	WHITE	YES	1	138.9
49	NEW RiteAid	2'-0"	WHITE	NO	1	26.3
66	NEW Home & Fashion	2'-0"	WHITE	NO	1	47.1
66	NEW Pickup	2'-0"	WHITE	YES	1	32.8
68	NEW Outdoor	2'-0"	WHITE	NO	1	24.9
88	NEW Auto Care	1'-6"	WHITE	NO	1	15.8
50	NEW Vision	2'-0"	WHITE	NO	1	18.2
81	NEW Grocery	2'-0"	WHITE	NO	1	27.4
05	NEW Address	1'-0"	WHITE	NO	1	0.0
FRONT						10
12						366.6
AUTO CENTER						
50	NEW Auto Care	2'-0"	WHITE	NO	1	28.1
76	NEW Tire	1'-0"	WHITE	NO	4	11.5
13	NEW Oil Change	1'-0"	WHITE	NO	1	9.5
39	NEW Numerals	2'-0"	WHITE	NO	5	64.9
AUTO CENTER						11
55						22
						570.5

CONSULTANTS	STIPULATION FOR REUSE THIS DRAWING WAS PREPARED FOR THE PROJECT OF THE AMERICAN MUSEUM OF NATURAL HISTORY, 121 WEST 57TH STREET, NEW YORK, NY 10019. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM THE AMERICAN MUSEUM OF NATURAL HISTORY. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF THE AMERICAN MUSEUM OF NATURAL HISTORY IS PROHIBITED AND MAY BE CONSIDERED TO BE A VIOLATION OF THE COPYRIGHT TO THIS DRAWING.
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SHEET
A2.1



Town of Canajoharie

12 Mitchell Street, Canajoharie, New York 13317

Phone: (518) 673-3112 ♦ Fax: (518) 673-3031

September 10, 2025

Montgomery County Planning Board
PO Box 1500
Fonda, NY 12068-1500

Dear Sirs:

The Town of Canajoharie Planning Board has scheduled a public hearing for September 25, 2025 at 8:15 pm. National Grid is seeking a Site Plan/Special Use permit to construct an electrical substation at 6764 State Highway 10, Canajoharie NY 13317. The parcel is 27.027 acres and is boarded by the following roads: Ames Road, McEwan Road and Fredericks Street.

Please review the enclosed application.

Thank you,

Amy S. Kretser
Planning Board Secretary

Cc: Michael Cole, Planning Board Chairman
Michael Muhlebeck, Town Supervisor

REFERRAL FORM

MONTGOMERY COUNTY PLANNING BOARD

Referral Number _____
assigned by the MCPB upon
acceptance of referral for review

This Referral must be received **SEVEN CALENDAR DAYS** prior to the MCPB meeting date in order for it to be placed on the agenda. According to State Law, the notice of public hearing and complete SEQR documents must be mailed to MCPB at least 10 days before a public hearing for site plan or special use permit, or at least 5 days before a public hearing for a variance.

TO: Montgomery County Planning Board, P.O. Box 1500, Old County Courthouse, Fonda, New York 12068
Phone: 518-853-8334 Fax: 518-853-8336

FROM: Municipality: Town of Canajoharie

Legislative Board ☐ Board of Appeals ☐ Planning Board ☒ (check one only)

PROJECT NAME: Amy S. Kretser

PUBLIC HEARING: Date: 9/22/25 Time: 8:15 PM Location: 12 Mitchell St
Canajoharie NY 13317

REQUIRED MATERIAL:

Send 5 copies of a "Full Statement of the Proposed Action" which includes:

- All materials required by and submitted to the referring body as an application
- The completed Environmental Assessment Form (EAF) as well as all other materials used by the referring body to make a determination of significance under State Environmental Quality Review Act (SEQRA).

ACTION: New Zoning Law ☐ Site Plan Review ☒ Area Variance ☐
Zoning Map Amendment ☐ Special Use Permit ☐ Use Variance ☐
Zoning Text Amendment ☐ Other (specify) _____

1. This case is forwarded to your office for review in compliance with Sections 239-1 and 239-m of Article 12-B of General Municipal Law, New York State.
2. This material is sent to you for review and recommendation because the property affected is located within 500 feet of a:
 - ☐ Municipal boundary.
 - ☐ Boundary of any existing or proposed County or State park or other recreation area.
 - ☒ Right-of-way of any existing or proposed County or State parkway, thruway, expressway, road or highway.
 - ☐ Existing or proposed right-of-way of any stream or drainage channel owned by the County or for which the County has established channel lines.
 - ☐ Existing or proposed boundary of any County or State-owned land on which a public building or institution is situated.
 - ☐ Farm operation within an Agricultural District (does not apply to area variances.)

9/10/25
Date

Amy S. Kretser
Signature of Referring Officer

Title: PB Secretary

Recommendations by MCPB shall be made to the Referring Body within thirty days of receipt of the Full Statement.

Application #: _____
 Date: _____
 Project Name: _____

Town of Canajoharie
 12 Mitchell Street ♦ Canajoharie ♦ NY ♦ 13317
 Planning Board Contact Information ♦ tcanjoplaningboard@gmail.com

PLANNING BOARD APPLICATION

Special Use Permit/Site Plan Application

A completed Application, including all applicable information attached,
 must be filed with the Town Clerk at least ten (10) days prior to the meeting
 at which it is to be considered by the Planning Board

Applicant Name: Niagara Mohawk Power Corporation d/b/a National Grid	Property Owner Name: (If different)
Address: 300 Erie Blvd W, Syracuse, NY 13202 Attn: Frank O'Donnell, PM	Address:
Phone: (315) 420-2306	Phone:

Professional Advisor: Dominique G. Albano/Nolan Kokkoris	Other: (If appropriate, please specify)
Address: 22 Corporate Woods Plaza, Suite 501, Albany, NY 12211	Address:
Phone: 518-533-3238	Phone:

Property Location:

Address: 6764 St Hwy 10, Canajoharie, NY

General Location: Between Ames Road, McEwan Road and Fredricks Street

Zoning Districts: A-Agricultural/Rural Residential District

Tax Parcel ID# (SBL): SBL: 78.00-2-27 & 78.00-2-5.1

The Applicant must submit, with this application, all the required information as described on the Site Plan Submission Requirement Checklist (attached). This checklist is intended to be a guide to the applicant; for specifics on submission requirements, procedures, timeframes, etc., the applicant should refer to the applicable Town Zoning Law and/or State Law (SEQR, Ag & Markets, etc.)


8/14/2025
 Applicant Signature Date

Niagara Mohawk Power Corp. d/b/a National Grid; By: James Zuccolotto, Authorized Signatory

Property Owner's Signature (if different than applicant) Date

Application #: _____
Date: _____
Project Name: _____

Town of Canajoharie
12 Mitchell Street ♦ Canajoharie ♦ NY ♦ 13317
Planning Board Contact Information ♦ tcanjoplanningboard@gmail.com
PLANNING BOARD APPLICATION
Special Use Permit/Site Plan Application

For Office Use Only

Application Fee:	\$ _____	
Other Fees:	\$ _____	Description: _____
	\$ _____	Description: _____
Total \$ Received:	\$ _____	Check #(s): _____
Date Received:	_____	Received By: _____

The Code Enforcement Officer, by signing below, certifies that this application is complete and in conformance with the Town of Canajoharie Zoning Regulations.

(Code Enforcement Officer)

For Planning Board Use Only

The Planning Board held a Public Hearing on the _____ of _____,
Date Month
_____, in consideration of this application.
Year

The application is hereby:

- ☐ Approved
- ☐ Approved with modifications
- ☐ Disapproved

Modifications and comments: _____

_____ Chairperson, Town of Canajoharie Planning Board	_____ Date
--	---------------

Application #: _____
 Date: _____
 Project Name: _____

Town of Canajoharie
 12 Mitchell Street ♦ Canajoharie ♦ NY ♦ 13317
 Planning Board Contact Information ♦ tcanjoplanningboard@gmail.com

PLANNING BOARD APPLICATION

Special Use Permit/Site Plan Application

Site Plan Submission Requirement Checklist

Site Plan shall be prepared by a surveyor, registered professional engineer, architect, or landscape architect at a scale of one inch (1") equals twenty feet (20') or less on standard 24"x 36" sheets.

- ☒ 1) A completed and signed application to the Planning Board (including this checklist and all information required hereon).
- ☒ 2) If the property is a farm operation within a NYS Agricultural District or with boundaries within 500 feet of a farm operation located in a NYS Agricultural District, the applicant must complete and submit (with this application) an Agricultural Data Statement (NYS Ag. & Markets); (see attached Appendix A).
- ☒ 3) A completed part 1 of an Environmental Assessment Form (either short or full form, depending upon the nature of the proposal and in conformance with the New York State Environmental Quality Review Act SEQRA (6 NYCRR 617), (see attached forms in Appendix B).

In addition, each submitted site plan shall include:

- ☒ 4) Name of the project, boundaries, location maps showing site's location in the town, date, north arrow and graphic scale of the plan.
- ☒ 5) Name and address of the owner of record, developer, and seal of the engineer, architect, surveyor or landscape architect.
- ☒ 6) Name and address of all owners of record of abutting parcels and those within five hundred feet (500') of the property line.
- ☒ 7) All existing lot lines, easements, and right-of-ways. Include all areas in acres or square feet, abutting land uses, and the location and size of structures within five hundred feet (500') of the site.
- ☒ 8) Location and use of all existing and proposed buildings and structures within the development. Include all dimensions of height and floor area, and showing all exterior entrances, and all anticipated future additions and alterations.
- ☒ 9) Location of all present and proposed public and private ways, parking areas, driveways, sidewalks, ramps, curbs, fences, paths, landscaping and walls. Location, type and screening details for all waste disposal containers shall also be shown.
- ☒ 10) Location, height, intensity and bulk type (i.e., Fluorescent, sodium incandescent) of all external lighting fixtures. The direction of illumination and methods to eliminate glare onto adjoining properties must be shown.
- ☒ 11) Location, height, size, materials and design of all proposed signage.
- ☒ 12) Location of all present and proposed utility systems including:
 - a. Sewage or septic systems
 - b. Water supply systems
 - c. Telephone, cable and electrical systems
 - d. Storm drainage systems including existing and proposed drainage lines, culverts, catch basins, headwalls, end walls, hydrants, manholes, and drainage swales.

Application #: _____
Date: _____
Project Name: _____

Town of Canajoharie

12 Mitchell Street ♦ Canajoharie ♦ NY ♦ 13317

Planning Board Contact Information ♦ tcanjoplaningboard@gmail.com

PLANNING BOARD APPLICATION

Special Use Permit/Site Plan Application

The Planning Board may also require soil logs, soil profile analysis (deep hole test pits), percolation tests and storm water run-off calculations for large developments or developments in environmentally sensitive areas.

- ☒ 13) Plans to prevent the pollution of surface or groundwater, erosion of soil both during and after construction, excessive runoff, excessive raising or lowering of the water table, and flooding of other properties, as applicable. There shall be pre and post drainage calculations for the site done by a certified engineer. From this the engineer must show how there will be no increase in runoff from the site. The use of ponds, dry wells, ect. Shall be used, but all sites shall have zero increase in runoff so as not to disturb neighboring properties.
- ☒ 14) Existing and proposed topography at five foot (5') contour intervals. All elevations shall refer to the nearest US Coastal and Geodetic Bench Mark. If any portion of the parcel is within the 100-year floodplain, the area will be shown, and base flood elevation given. Indicate areas within site where ground removal or filling is required, and give its approximate volume in cubic yards.
- ☒ 15) A landscape plan showing all existing natural land features, trees, forest cover and water sources, and all proposed changes to these features, including size and type of plant material, and erosion control measure. Water sources will include ponds, lakes, brooks, streams, wetlands, floodplains, and drainage retention areas.
- ☒ 16) Zoning District boundaries within 200 feet of the sites perimeter shall be drawn and identified on the plan.
- ☒ 17) Traffic flow patterns within the site, entrances and exits, loading and unloading areas, curb cuts on the site and within two hundred feet (200') of the site.

The Planning Board may require a detailed traffic study for large developments or for those in heavy traffic areas to include:

- a. The projected number of motor vehicle trips to enter or leave the site, estimated for daily and peak hour traffic level;
- b. The projected traffic flow pattern including vehicular movements at all major intersections likely to be affected by the proposed use of the site;
- c. The impact of this traffic upon existing abutting public and private ways in relation to existing road capacities. Existing and proposed daily and peak hour traffic levels as well as road capacity levels shall also be given.
- ☒ 18) For new construction or alterations to any existing building, a table containing the following information must be included:
 - a. Area of building to be used for a particular use such as retail operation, office storage, etc.,
 - b. Maximum number of employees;
 - c. Maximum seating capacity, where applicable;
 - d. Number of parking spaces existing and required for the intended use
- ☒ 19) Elevation plans at a scale of 1/4"=1' for all exterior facades of the proposed structure(s) and/or existing facades, plus addition(s) showing design features and indicating the type and color of materials to be used.

Application #: _____
 Date: _____
 Project Name: _____

Town of Canajoharie
 12 Mitchell Street ♦ Canajoharie ♦ NY ♦ 13317
 Planning Board Contact Information ♦ tcanjoplaningboard@gmail.com

PLANNING BOARD APPLICATION

Special Use Permit/Site Plan Application

Site Plan Approval Checklist

Applicant: Niagara Mohawk Power Corporation (d/b/a National Grid)

✓		Date Completed
	Pre-Submission Conference is held between the Zoning Enforcement Officer and the Applicant.	
	Five (5) copies of Site Plan and Application submitted to the Zoning Enforcement Officer accompanied by the required fee. Signature of Zoning Enforcement Officer	
	Within ten (10) days of submission by the applicant, Zoning Enforcement Officer certifies whether or not application is complete and is in conformance with the Zoning Ordinance.	
	Zoning Enforcement Officer forwards complete application to Planning Board Chairman no later than twenty (20) days prior to its meeting.	
	Planning Board reviews Site Plan Application and declares intent to be Lead Agency (SEQR); sets public hearing date and notifies applicant.	
	Planning Board refers Site Plan to County Planning Board (if applicable).	
	Hold Public Hearing.	
	Planning Board completes SEQR process, and files all documents as required by law.	
	Planning Board approves, conditionally approves, disapproves Site Plan.	
	Planning Board files all documents as necessary.	

Town of Canajoharie

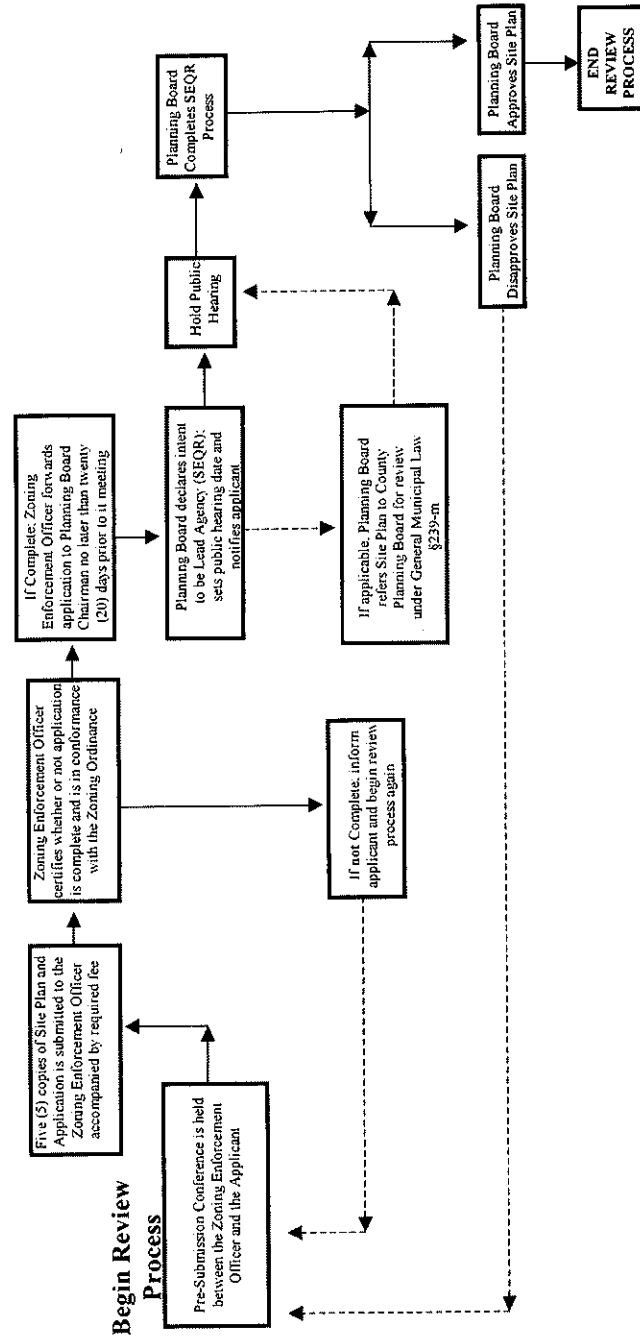
12 Mitchell Street ♦ Canajoharie ♦ NY ♦ 13317

Planning Board Contact Information ♦ tcanjoplanningboard@gmail.com

PLANNING BOARD APPLICATION

Special Use Permit/Site Plan Application

Town of Canajoharie Site Plan Approval Flow Chart



Application #: _____
Date: _____
Project Name: _____

Town of Canajoharie

12 Mitchell Street ♦ Canajoharie ♦ NY ♦ 13317

Planning Board Contact Information ♦ tcanjoplanningboard@gmail.com

PLANNING BOARD APPLICATION

Subdivision Application

APPENDIX A – AGRICULTURAL DATA STATEMENT COMPLIANCE

PROCESSING AN AGRICULTURAL DATA STATEMENT (ADS) (Pursuant to Section 305-a of the Agricultural and Markets Law)

- ♦ Any application requiring:
 - Special Use Permit
 - Site Plan Approval
 - Use Variance or
 - Subdivision Approval

- ♦ Which requires approval by:
 - A Planning Board
 - Zoning Board of Appeals
 - Town Board or
 - Village Board of Trustees

Must submit an Agricultural Data Statement (ADS) if the proposed project occurs on property within an agricultural district containing a farm operation or on property with boundaries within 500 feet of a farm operation located within an agricultural district.

- ♦ Content of an Agricultural Data Statement requires:
 - Name and address of applicant
 - Description of the proposed project and its location
 - Name and address of any owner of land within the agricultural district, which land contains farm operations and is located within 500 feet of the boundaries of the property upon which the project is proposed
 - A tax map or other map showing the site of the proposed project relative to the location of the farm operations identified in the ADS

- ♦ The Clerk of the appropriate governmental entity is required to mail a written notice containing a description of the proposed project and its location to owners of land as identified by the applicant in the ADS.

- ♦ The local reviewing board must evaluate and consider the ADS to determine the possible impacts of the proposed project may have on the functioning or farm operations within the subject agricultural district.

Application #: _____
Date: _____
Project Name: _____

Town of Canajoharie

12 Mitchell Street ♦ Canajoharie ♦ NY ♦ 13317

Planning Board Contact Information ♦ tcanjoplaningboard@gmail.com

PLANNING BOARD APPLICATION

Subdivision Application

MONTGOMERY COUNTY AGRICULTURAL DATA STATEMENT

Agricultural District Number: _____

Date of Statement Completion: _____

Date of Referral to Montgomery County Planning Board: _____

Date of Submission to Ag & Farmland Protection Board: _____

Do Not Write Above This Line

APPLICANT: Niagara Mohawk Power Corporation
(d/b/a National Grid)

APPLICANT'S AGENT: Bond Schoeneck & King

ADDRESS: 300 Erie Blvd W, Syracuse, NY 13202

ADDRESS: 22 Corporate Woods, Suite 501

PHONE #: (347) 578-2707

Albany, NY 12211

PHONE #: 518-533-3000

LOCATION OF PROPOSED PROJECT:
TAX MAP #: 78.00-2-27 & 78.00-2-5.1

TOWN: Canajoharie

Description of Proposed Project: Information provided in attached cover letter.

List all farm operations which are within an Agricultural District and are located within 500 feet of the boundary of the property which proposes a project. ("FARM OPERATION" means the land used in agricultural production, farm buildings, equipment and farm residential buildings.)

NAME: _____

NAME: _____

ADDRESS: _____

ADDRESS: _____

TAX MAP #: _____

TAX MAP #: _____

NAME: _____

NAME: _____

ADDRESS: _____

ADDRESS: _____

TAX MAP #: _____

TAX MAP #: _____

(For additional information, please use back of this sheet)

Knuttsch Family Irrevocable Trust
Gordon Knuttsch
159 Old maple Hill Rd, Canajoharie, NY 13317

Rodney Yacobucci
6580 State Highway 10, Canajoharie, NY 13317

Peter and Laurie Vroman
239 Fredericks St, Canajoharie, NY 13317

Amos Lapp & Sarah Zook
1691 State Highway, Canajoharie, NY 13317
On Fredericks Street

Kevin & Christina Jewell
288 Fredericks Street, Canajoharie, NY 13317

Robert & Shelia Kucharski
117 Jennings Rd, Canajoharie, NY 13317

Clifford & Joan Stone
389 Fredericks Street, Canajoharie, NY 13317

Robert & Amanda Rose
424 Fredericks Street, Canajoharie, NY 13317

Tim & Jennifer Field
431 Fredericks Street, Canajoharie, NY 13317

Jill & Louis Mifsud
775 Marshville Rd, Canajoharie, NY 13317

Samantha Steenburg
103 McEwan Rd, Canajoharie, NY 13317

Evelyn Bowerman
132 West Skyline Drive, Palatine Bridge, NY 13428
On State Highway 10 & McEwan Rd

Sylvan Stoltzfus
6015 Wanner Rd, Narvon, PA 17555
Off State Highway 10

Richard & Nina Campo
206 W 106th Street, New York, NY 10025
Off state Highway 10

Town of Canajoharie

12 Mitchell Street ♦ Canajoharie ♦ NY ♦ 13317

Planning Board Contact Information ♦ tcanjoplanningboard@gmail.com

PLANNING BOARD APPLICATION

Special Use Permit/Site Plan Application

SEQR

State Environmental Quality Review Act

6 NYCRR PART 617

The basic purpose of SEQR is to incorporate the consideration of environmental factors into the existing planning, review and decision-making processes of state, regional and local government agencies at the earliest possible time. To accomplish this goal, SEQR requires that all agencies determine whether the actions they directly undertake, fund or approve may have significant adverse impact on the environment, and, if it is determined that the action may have a significant adverse impact, prepare or request an environmental impact statement.

With this in mind the Town of Minden recognizes its obligation to uphold the intent of the SEQR law. Any application to the Planning Board is subject to SEQR as a matter of law. Along with the Town's responsibility an applicant also has responsibilities in completing the SEQR process. The depth of the review is based on the project as proposed by the applicant. The initial stage of the review is defined in 6 NYCRR PART 617. Any action (project) on the TYPE 1 list must complete part one of a Full EAF (furnished upon request or online at <https://www.dec.ny.gov/permits/6191.html>), any action (project) on the Type 2 list is not subject to SEQR, and any action (project) not listed (UNLISTED) must complete Part One of a Short EAF (attached).

As the review is conducted by the Planning Board certain environmental impacts may be identified. If these impacts are significant the Planning Board will need to mitigate those through project change. The SEQR process must be completed prior to the issuance of a permit or approval.

Any cost incurred by the Town in completing the SEQR process is the responsibility of the applicant.

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

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

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

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

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Ames Substation Site Plan/Special Use Permit		
Project Location (describe, and attach a general location map): 6764 St Hwy 10, Canajoharie, NY, Tax Map No. 78.00-2-27; and 6618 St Hwy 10, Canajoharie, NY, Tax Map No. 78.00-2-5.1		
Brief Description of Proposed Action (include purpose or need): The Proposed Action includes the construction of a new electric substation and supporting infrastructure to update regional system capacity and address aging electrical infrastructure.		
Name of Applicant/Sponsor: Niagara Mohawk Power Corporation d/b/a National Grid		Telephone: (518) 521-8700
		E-Mail: Meredith Mathias
Address: 300 Erie Blvd W		
City/PO: Syracuse	State: NY	Zip Code: 13202
Project Contact (if not same as sponsor; give name and title/role): Meredith Mathias		Telephone: (518) 521-8700
		E-Mail: meredith.mathias@nationalgrid.com
Address: 300 Erie Blvd W		
City/PO: Syracuse	State: NY	Zip Code: 13202
Property Owner (if not same as sponsor):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:

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

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, ☐ Yes ☒ No or Village Board of Trustees		
b. City, Town or Village Planning Board or Commission ☒ Yes ☐ No	Town of Canajoharie Planning Board	3/2025 8/2025
c. City, Town or Village Zoning Board of Appeals ☐ Yes ☒ No		
d. Other local agencies ☐ Yes ☒ No		
e. County agencies ☐ Yes ☒ No		
f. Regional agencies ☐ Yes ☐ No		
g. State agencies ☒ Yes ☐ No	NYS Department of Environmental Conservation; NYS Department of Transportation-Highway Permit	10/2025 09/2025
h. Federal agencies ☒ Yes ☐ No	United States Army Corps of Engineers	5/2025
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		☐ Yes ☒ No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		☐ Yes ☒ No
iii. Is the project site within a Coastal Erosion Hazard Area?		☐ Yes ☒ No

C. Planning and Zoning**C.1. Planning and zoning actions.**

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

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

C.2. Adopted land use plans.

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

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

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

If Yes, identify the plan(s):

NYS Heritage Areas: Mohawk Valley Heritage Corridor

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

If Yes, identify the plan(s):

C.3. Zoning

- a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☒ Yes ☐ No
 If Yes, what is the zoning classification(s) including any applicable overlay district?
Agricultural Rural Residential District
- b. Is the use permitted or allowed by a special or conditional use permit? ☒ Yes ☐ No
- c. Is a zoning change requested as part of the proposed action? ☐ Yes ☒ No
 If Yes,
 i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

- a. In what school district is the project site located? Canajoharie Central School District
- b. What police or other public protection forces serve the project site?
Canajoharie Police Department
- c. Which fire protection and emergency medical services serve the project site?
Canajoharie Volunteer Fire Department
- d. What parks serve the project site?
N/A

D. Project Details**D.1. Proposed and Potential Development**

- a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Development of electrical substation
- b. a. Total acreage of the site of the proposed action? 27.027 acres
 b. Total acreage to be physically disturbed? 14.41 acres
 c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 27.027 acres
- c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☒ No
 i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____
- d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☒ No
 If Yes,
 i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
Prior action included lot line adjustment and one lot subdivision for public utility use
 ii. Is a cluster/conservation layout proposed? ☐ Yes ☒ No
 iii. Number of lots proposed? _____
 iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____
- e. Will the proposed action be constructed in multiple phases? ☐ Yes ☒ No
 i. If No, anticipated period of construction: 20 months
 ii. If Yes:
 • Total number of phases anticipated 1
 • Anticipated commencement date of phase 1 (including demolition) 3 month 2026 year
 • Anticipated completion date of final phase 11 month 2027 year
 • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses?

☐ Yes ☒ No

If Yes, show numbers of units proposed.

One Family

Two Family

Three Family

Multiple Family (four or more)

Initial Phase

At completion

of all phases

g. Does the proposed action include new non-residential construction (including expansions)?

☒ Yes ☐ No

If Yes,

Substation features array of electric utility components, two transformers with sound walls, a control building within 9' chain link fence.

i. Total number of structures 1

ii. Dimensions (in feet) of largest proposed structure: 104.5' height; lightning mast width; and length

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

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage?

☐ Yes ☒ No

If Yes,

i. Purpose of the impoundment: Substation

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

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

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

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

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

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)

☐ Yes ☒ No

If Yes:

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

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

• Volume (specify tons or cubic yards): Substation

• Over what duration of time? Substation

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

iv. Will there be onsite dewatering or processing of excavated materials?

☐ Yes ☒ No

If yes, describe. Substation

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

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

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

viii. Will the excavation require blasting?

☐ Yes ☒ No

ix. Summarize site reclamation goals and plan: Substation

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area?

☒ Yes ☐ No

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): Delineated Wetland 1 & 2 (Federally jurisdictional)

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

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

If Yes, describe: _____

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

If Yes:

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

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

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

If Yes:

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

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

If Yes:

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

iii. Will line extension within an existing district be necessary to supply the project?

☐ Yes ☒ No

If Yes:

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

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

If Yes:

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

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

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

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

If Yes:

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

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

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

If Yes:

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

• Do existing sewer lines serve the project site? _____ • Will a line extension within an existing district be necessary to serve the project? _____ If Yes: • Describe extensions or capacity expansions proposed to serve this project: _____	☐ Yes ☒ No ☐ Yes ☒ No
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? _____	
If Yes: • Applicant/sponsor for new district: _____ • Date application submitted or anticipated: _____ • What is the receiving water for the wastewater discharge? _____	
v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans): _____	
vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____	
e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? _____	
If Yes: i. How much impervious surface will the project create in relation to total size of project parcel? _____ Square feet or <u>0.06</u> acres (impervious surface) _____ Square feet or <u>27.02</u> acres (parcel size) ii. Describe types of new point sources. <u>Level spreader on northeast side of substation to discharge to a filter strip. Culvert across substation entrance. Sheet flow off substation slopes.</u> iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)? <u>Stormwater runoff will directed across vegetated features including erosion control blankets and filter strips</u>	
If to surface waters, identify receiving water bodies or wetlands: _____	
Will stormwater runoff flow to adjacent properties? _____	
iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? _____	
f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? _____	
If Yes, identify: i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles) <u>Heavy equipment</u> ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers) <u>None</u> iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation) <u>None</u>	
g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? _____	
If Yes: i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) _____ ii. In addition to emissions as calculated in the application, the project will generate: • _____ Tons/year (short tons) of Carbon Dioxide (CO₂) • _____ Tons/year (short tons) of Nitrous Oxide (N₂O) • _____ Tons/year (short tons) of Perfluorocarbons (PFCs) • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆) • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs) • _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)	

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐ Yes ☒ No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐ Yes ☒ No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐ Yes ☒ No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐ Weekend
☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐ Yes ☒ No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐ Yes ☒ No

vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐ Yes ☒ No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐ Yes ☒ No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐ Yes ☒ No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____

iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐ Yes ☐ No

l. Hours of operation. Answer all items which apply.

i. During Construction: - Monday - Friday: _____ 7am-7pm - Saturday: _____ 7am-7pm - Sunday: _____ None - Holidays: _____ None	ii. During Operations: - Monday - Friday: _____ Maintenance as necessary - Saturday: _____ or during outages - Sunday: _____ same as above - Holidays: _____ same as above
--	--

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☒ Yes ☐ No If yes: i. Provide details including sources, time of day and duration: Temporary Construction noise will be typical vehicle noise-dump trucks, bull dozer, excavators. Operational noise is addressed in submitted noise study and will not exceed ambient noise levels.	
ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☒ No Describe: _____	
n. Will the proposed action have outdoor lighting? ☒ Yes ☐ No If yes: i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures: See attached plan. Station will feature downcasting lighting on masts for emergency purposes. Station building will feature a downcast light which will be on at night.	
ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☒ No Describe: <u>Site features minimal tall growing vegetation</u>	
o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☒ No If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____	
p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☒ No If Yes: i. Product(s) to be stored _____ ii. Volume(s) _____ per unit time _____ (e.g., month, year) iii. Generally, describe the proposed storage facilities: _____	
q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☒ No If Yes: i. Describe proposed treatment(s): _____	
ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☒ No	
r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☒ No If Yes: i. Describe any solid waste(s) to be generated during construction or operation of the facility: • Construction: _____ tons per _____ (unit of time) • Operation : _____ tons per _____ (unit of time) ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste: • Construction: _____ • Operation: _____ iii. Proposed disposal methods/facilities for solid waste generated on-site: • Construction: _____ • Operation: _____	

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☒ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☒ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

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

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☒ No

If Yes: provide name and location of facility: _____

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

E. Site and Setting of Proposed Action

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

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☐ Commercial ☒ Residential (suburban) ☐ Rural (non-farm)

☐ Forest ☒ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe: _____

b. Land uses and covertypes on the project site.

Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0	0.06	0.06
• Forested	0	0	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	11.55	7.38	4.17
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	0
• Wetlands (freshwater or tidal)	2.86	0.40	2.46
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: <u>Pervious Gravel Station</u>	0	6.57	6.57

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

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

e. Does the project site contain an existing dam? ☐ Yes ☒ No
If Yes:
i. Dimensions of the dam and impoundment:
• Dam height: _____ feet
• Dam length: _____ feet
• Surface area: _____ acres
• Volume impounded: _____ gallons OR acre-feet
ii. Dam's existing hazard classification: _____
iii. Provide date and summarize results of last inspection: _____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☒ No
If Yes:
i. Has the facility been formally closed? ☐ Yes ☒ No
• If yes, cite sources/documentation: _____
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: _____

iii. Describe any development constraints due to the prior solid waste activities: _____

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

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

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

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☒ No	
• If yes, DEC site ID number: _____ • Describe the type of institutional control (e.g., deed restriction or easement): _____ • Describe any use limitations: _____ • Describe any engineering controls: _____ • Will the project affect the institutional or engineering controls in place? ☐ Yes ☒ No • Explain: _____	
E.2. Natural Resources On or Near Project Site	
a. What is the average depth to bedrock on the project site? Deeper than 50 feet	
b. Are there bedrock outcroppings on the project site? ☐ Yes ☒ No	
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %	
c. Predominant soil type(s) present on project site:	
Silt loam	14 %
Silty clay loam	38 %
Gravelly loam	48 %
d. What is the average depth to the water table on the project site? Average: 1.5 feet	
e. Drainage status of project site soils: ☒ Well Drained: 2 % of site	
☒ Moderately Well Drained: 48 % of site	
☒ Poorly Drained 50 % of site	
f. Approximate proportion of proposed action site with slopes: ☒ 0-10%: 100 % of site	
☐ 10-15%: _____ % of site	
☐ 15% or greater: _____ % of site	
g. Are there any unique geologic features on the project site? ☐ Yes ☒ No	
If Yes, describe: _____	
h. Surface water features.	
i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☒ Yes ☐ No	
ii. Do any wetlands or other waterbodies adjoin the project site? ☒ Yes ☐ No	
If Yes to either i or ii, continue. If No, skip to E.2.i.	
iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☒ Yes ☐ No	
iv. For each identified regulated wetland and waterbody on the project site, provide the following information:	
• Streams: Name _____ Classification _____	
• Lakes or Ponds: Name _____ Classification _____	
• Wetlands: Name Delineated Wetlands 1 and 2 Approximate Size 2.86 acres	
• Wetland No. (if regulated by DEC) _____	
v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐ Yes ☒ No	
If yes, name of impaired water body/bodies and basis for listing as impaired: _____	
i. Is the project site in a designated Floodway? ☐ Yes ☒ No	
j. Is the project site in the 100-year Floodplain? ☐ Yes ☒ No	
k. Is the project site in the 500-year Floodplain? ☐ Yes ☒ No	
l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☒ Yes ☐ No	
If Yes:	
i. Name of aquifer: Principal Aquifer	

m. Identify the predominant wildlife species that occupy or use the project site:		
Squirrel	Small rodents	
Native bird species	Deer	
Fox		

n. Does the project site contain a designated significant natural community?		☐ Yes ☒ No
If Yes:		
i. Describe the habitat/community (composition, function, and basis for designation):		
ii. Source(s) of description or evaluation:		
iii. Extent of community/habitat:		
• Currently:		acres
• Following completion of project as proposed:		acres
• Gain or loss (indicate + or -):		acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species?		☒ Yes ☐ No
If Yes:		
i. Species and listing (endangered or threatened):		
Northern Long-eared Bat		

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?		☐ Yes ☒ No
If Yes:		
i. Species and listing:		

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing?		☐ Yes ☒ No
If yes, give a brief description of how the proposed action may affect that use:		

E.3. Designated Public Resources On or Near Project Site		
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?		☒ Yes ☐ No
If Yes, provide county plus district name/number: MONT001		
b. Are agricultural lands consisting of highly productive soils present?		☒ Yes ☐ No
i. If Yes: acreage(s) on project site? 10.8 acres		
ii. Source(s) of soil rating(s): Web Soil Survey		
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark?		☐ Yes ☒ No
If Yes:		
i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature		
ii. Provide brief description of landmark, including values behind designation and approximate size/extent:		
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area?		☐ Yes ☒ No
If Yes:		
i. CEA name:		
ii. Basis for designation:		
iii. Designating agency and date:		

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? If Yes: i. Nature of historic/archaeological resource: ☐ Archaeological Site ☐ Historic Building or District ii. Name: _____ iii. Brief description of attributes on which listing is based: _____	☐ Yes ☒ No
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	☒ Yes ☐ No
g. Have additional archaeological or historic site(s) or resources been identified on the project site? If Yes: i. Describe possible resource(s): _____ ii. Basis for identification: _____	☐ Yes ☒ No
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? If Yes: i. Identify resource: <u>Revolutionary Byway</u> ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): <u>Regional Historical Significance</u> iii. Distance between project and resource: _____ 0 miles.	☒ Yes ☐ No
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? If Yes: i. Identify the name of the river and its designation: _____ ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	☐ Yes ☒ No ☒ Yes ☐ No

F. Additional Information

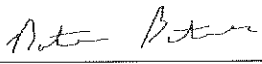
Attach any additional information which may be needed to clarify your project.

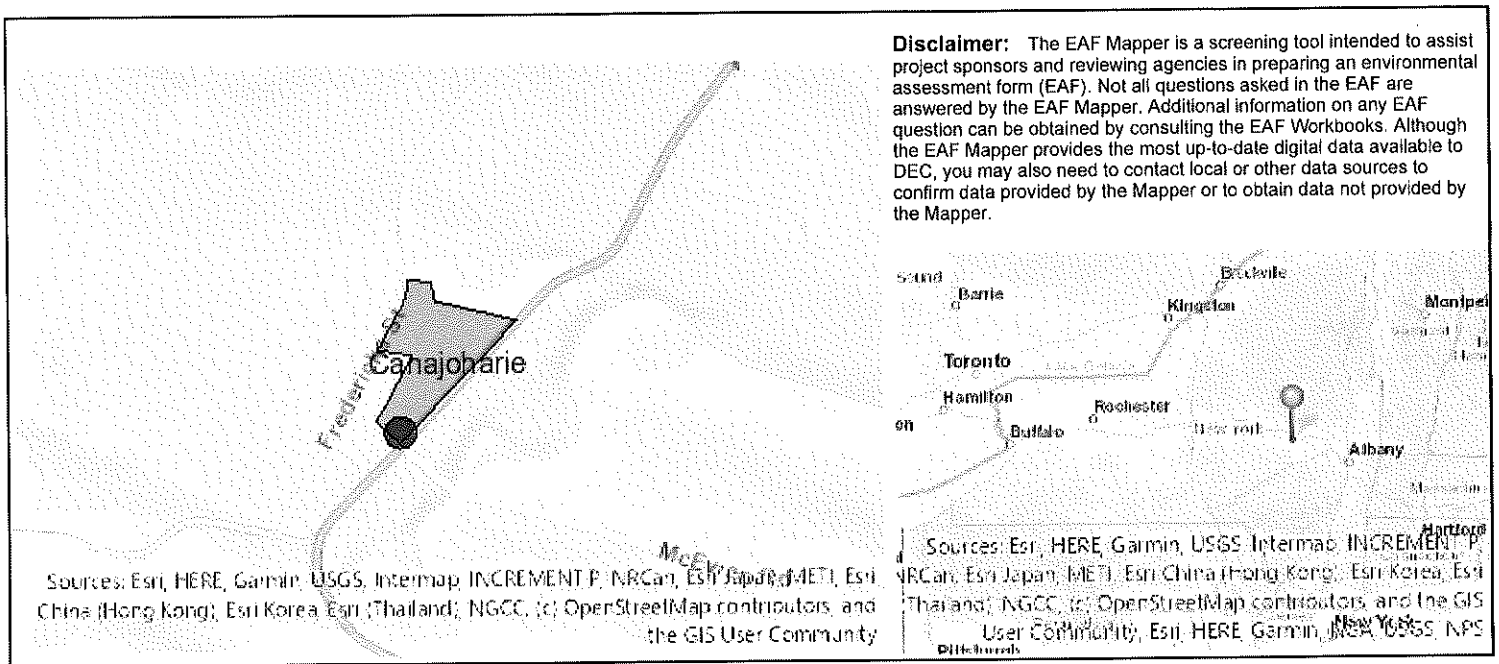
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Nathan Butera Date 08/13/2025

Signature  Title Environmental Manager



B.1.i [Coastal or Waterfront Area]	No
B.1.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas: Mohawk Valley Heritage Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.h.ii [Surface Water Features]	Yes - Digital mapping information on local, New York State, and federal wetlands and waterbodies is known to be incomplete. Refer to the EAF Workbook.
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local, New York State, and federal wetlands and waterbodies is known to be incomplete. Refer to the EAF Workbook.
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	Yes

E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Northern Long-eared Bat
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	Yes
E.3.a. [Agricultural District]	MONT001
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

Project		Catalog #		Type	
Prepared by		Notes		Date	



Streetworks

Utility Flood Medium

Floodlight & Sign Lighting Luminaire

Product Certifications & Features



Interactive Menu

- Ordering Information page 2
- Mounting Details page 3
- Energy and Performance Data page 4

Product Specifications

Optics

- The LED chamber incorporates a vacuum metalized reflector that provides high-efficiency illumination.
- Optics are precisely designed to shape the NEMA type 6H x 6V wide distribution and 3H x 3V spot distribution, maximizing efficiency and application spacing.
- Clear glass tempered lens with full circumference form-in-place silicone gasket protects the optics from damage.
- Various CCTs available, offered in 2200K, 2700K, 3000K, 4000K, 5000K, or 5700K and minimum 70 CRI.

Electrical

- LED driver is mounted to the removable die-cast aluminum door for optimal heat sinking and ease of maintenance.
- 120-277V, 240-480V, 347V, and 480V; 50/60Hz
- Standard 0-10V dimming
- Integral 6kV surge is standard. 10kV surge protection options with series or parallel configurations
- -40°C to 40°C ambient temperature operating range. Optional 50°C HA (high ambient) available.

Physical Characteristics

- Heavy-duty, die cast aluminum housing, driver compartment and driver door.
- A separate driver compartment and external fins provide optimal thermal management that result in longer LED and driver life.
- Access to the driver for maintenance is achieved with a removable driver door using pan head screws.
- A one-piece silicone gasket seals the door to the fixture housing.

- Housing and cast parts finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear.
- Heavy-duty steel top and side visors control glare and spill light. 1/8" thick UV stabilized vandal guard shields glass lens from impact when mounted at low levels.
- Easy to install wire guard features a heavy-gauge welded construction with corrosion resistant polyester powder coat finish to protect glass from projected objects.

Controls

- Optional Field Adjustable Dimming Control (FADC) module allows for manual adjustment of lumen output and power usage; factory preset to highest output level. Enables a single SKU to cover multiple field applications

Mounting

- Mounting options include an integral die-cast aluminum slipfitter that is preset to a tilt of 45°.
- The knuckle base is supplied with a tooth lock adjustment that can be adjusted in 5° increments. Visual 15° adjustment indicators on the knuckle allow for 180° field rotation of the floodlight assembly.
- The slipfitter fits standard 2-3/8"-3" O.D. tenon.
- The trunnion mounting includes a 3/16" polyester powder coated galvanized steel trunnion with a 16/3 STW-A cord.
- The trunnion mount uses an interlocking slide adjustment that is locked in place with a set screw.

Finish

- Housing and cast parts finished in five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear.

Compliance

- The housing, optical chamber and driver compartment are IP66 rated.
- Meets ANSI C136.31 for 3G luminaire vibration. Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Suitable for mounting within 4' (1.2m) of the ground.
- BAA domestic preference option meets BAA requirements. See [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information
- FHWA and FTA agencies are utilizing their BAA rules for BAA compliance. Cooper's products with a BAA designation are manufactured in the US and utilize a BAA COTS exemption rule for compliance. To verify a configured product with specific accessories and options meet BAA Domestic Preference Requirements; submit this catalog number to Cooper Lighting Quotation team for validation by our Engineering and Manufacturing teams. Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

Shipping Data

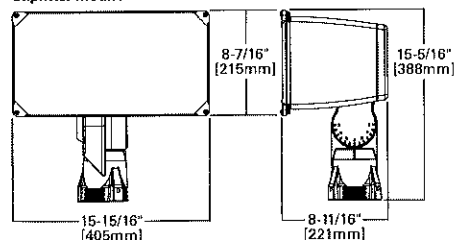
- Approximate net weight: 20 lbs. (9.09 kgs.)
- EPA: 1.25 sq. ft.

Warranty

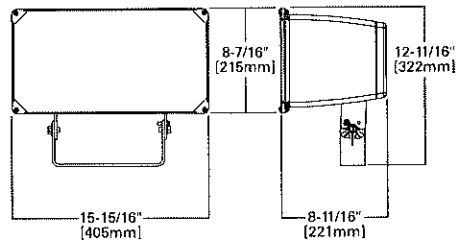
- Five-year limited warranty. Consult website for details. www.cooperlighting.com/legal

Dimensional Details

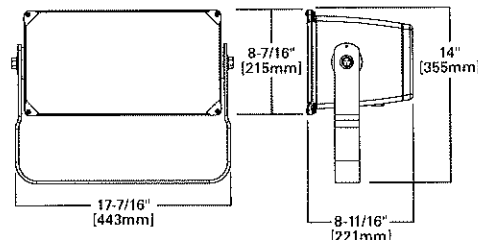
Slipfitter Mount



Trunnion Mount



Yoke Mount



Ordering Information

SAMPLE ORDER NUMBER: UFLD-CA2-180-740-U-66-C-BK-10K-PR7

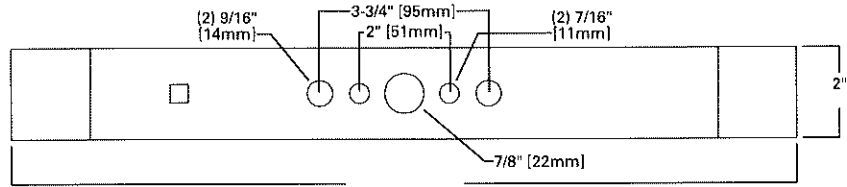
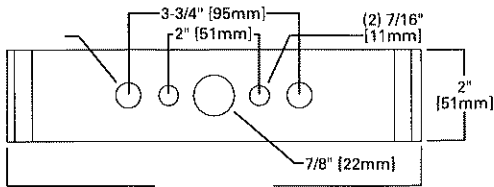
Product Family	Configuration	Wattage Bucket	Color Temperature	Voltage	Distribution	Mounting	Color
UFLD=Utility Flood Medium BAA-UFLD=Utility Flood Medium Buy American Act Compliant ¹⁵ TAA-UFLD=Utility Flood Medium Trade Agreements Act Compliant ¹⁵ BABA-UFLD=Utility Flood Medium Build America Buy America Act Compliant ¹⁷	CA2=2 LED	80=80W 90=90W 120=120W 130=130W 140=140W 150=150W 180=180W	740=70CRI, 4000K 727=70CRI, 2700K ² 722=70CRI, 2200K ³ 730=79CRI, 3000K ² 750=70CRI, 5000K ² 760=70CRI, 5700K ²	U=Universal (120- 277V) 8=480V ¹ 9=347V	66=NEMA 6H x 6V Wide ¹⁴ 33=NEMA 3H x 3V Spot ¹³	C=Slipfitter, 2-3/8"-3" O.D. (30 cord through housing) S=Slipfitter, 2-3/8" - 3" O.D. (Leads through slipfitter) T=Trunnion Y=Yoke	BK=Black BZ=Bronze AP=Grey WH=White
Options (Add as Suffix)		Controls		Accessories (Order Separately) ¹⁶			
10K=Series 10kV UL 1449 Surge Protective Device 20K=Series 20kV UL 1449 Surge Protective Device 20KI=Series 20kV UL 1449 Surge Protective Device with light indicator 10MSP=Parallel 10kV MOV Surge Protection Device 20MSP=Parallel 20kV MOV Surge Protection Device HA=50°C High Ambient Temperature ³ D10=<10% Dimming CXXX=Cord Type ¹¹ FADC=Field Adjustable Dimming Controller ¹² Dxxxx=DOT Configuration - Contact Quotes Team Uxxxxx=Utility Configuration - Contact Quotes Team		PR=NEMA 3-PIN Photocontrol Receptacle PR7=NEMA 7-PIN Twistlock Photocontrol Receptacle MSP/DIM-L12=Integrated Occupancy Sensor for Dimming Operation, 8' - 12' Mounting Height ^{4,5} MSP/DIM-L30=Integrated Occupancy Sensor for Dimming Operation, 12' - 30' Mounting Height ^{4,5} MSP-L12=Integrated Occupancy Sensor for ON/OFF Operation, 8' - 12' Mounting Height ^{4,5} MSP-L30=Integrated Occupancy Sensor for ON/OFF Operation, 12' - 30' Mounting Height ^{4,5}		FA63=3" O.D. Surface Mount Bracket ⁷ OA1223=10kV/10kA UL 1449 Surge Protective Device Replacement OA/RA1013=Photocontrol Shorting Cap OA/RA1014=NEMA Photocontrol - 120V OA/RA1016=NEMA Photocontrol - Multi-Tap OA/RA1027=NEMA Photocontrol - 480V OA/RA1201=NEMA Photocontrol - 347V RAB-XX=Right Angle Pipe Bracket for Slipfitter SAB-XX=Steel Angle Bracket for Trunnion TYS-XX=Slipfitter Adapter for 2-3/8", 3" or 3-1/2" O.D. Tenon ⁸ TS2/UFLD-XX=Top and Side Visors ⁹ VS/UFLD=Vandal Shield ⁹ WG/UFLD=Wire Guard ⁹ ISHH-01=Integrated Sensor Programming Remote LLPC=Long-life Photocontrol ¹⁰ LLPC-FO=Long-life Photocontrol (Fail-Off)			

NOTES:

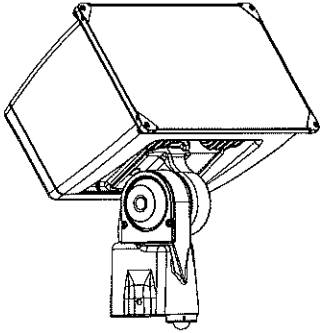
- Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems)
- Extended lead times apply. Use dedicated IES files for 3000K, 5000K, and 5700K when performing layouts. These files are published on the UFLD luminaire product page on the website.
- Not available with 3H x 3V spot distribution.
- Integrated sensor option only available in slipfitter mounting.
- Not available with Photocontrol.
- Replace XX with color designation. Additional brackets and adaptors available on the poles product page on the website.
- Not available with tenon mount.
- Not available with slipfitter mount.
- Cannot combine TS2 (Top and Side Visor), VS (Vandal Shield), or WG (Wire Guard), limited to one external guard per fixture.
- Sold as accessory. Not covered under luminaire warranty.
- 3-conductor cord available in 12, 14, and 16 gauge with lengths of 5, 8, 10, 15, 20, and 25 feet. Specify cord gauge with the first 2 digits and cord length with the last 2 digits (ex: C1605 = 16-gauge, 5 feet length cord). Standard cord is 16-gauge with length of 3.5 ft if not specified.
- Cannot be used with PR7 or other motion response control options.
- Only available in 90W and 140W.
- Available in 80W, 120W, 130W, 150W, and 180W wattage buckets.
- Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to [DOMESTIC PREFERENCE](#) website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
- Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
- Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the [DOMESTIC PREFERENCE](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

Mounting Details

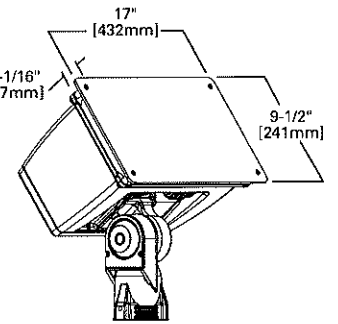
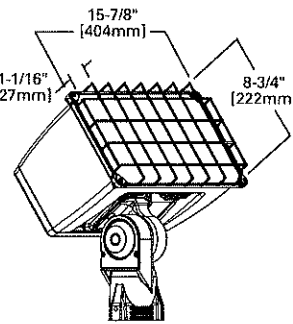
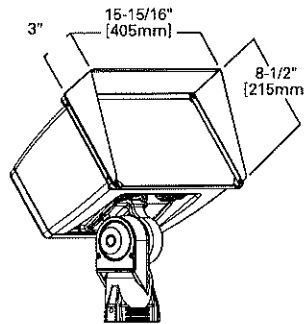
Drilling Patterns



Optional Integrated Sensor



Accessories



Energy and Performance Data

Distribution	6x6				
ANSI Wattage	80	120	130	150	180
Wattage	82	124	133	151	183
2200K	9,619	15,672	16,575	18,369	21,054
Lumens Per Watt	117	127	125	121	115
2700K	9,994	16,284	17,222	19,086	21,875
Lumens Per Watt	122	131	130	126	120
3000K	11,588	18,882	19,970	22,131	25,365
Lumens Per Watt	141	161	151	146	139
4000K	11,802	19,230	20,338	22,539	25,833
Lumens Per Watt	144	155	153	149	141
5000K	12,018	19,583	20,711	22,952	26,307
Lumens Per Watt	146	158	156	152	144
5700K	11,764	19,168	20,272	22,466	25,749
Lumens Per Watt	143	155	153	149	141

Distribution	3x3	
ANSI Wattage	90	140
Wattage	90	137
2200K	9,551	13,830
Lumens Per Watt	107	101
2700K	9,924	14,370
Lumens Per Watt	111	105
3000K	11,505	16,660
Lumens Per Watt	129	122
4000K	11,719	16,970
Lumens Per Watt	131	124
5000K	11,928	17,272
Lumens Per Watt	133	126
5700K	11,681	16,915
Lumens Per Watt	131	124

Current Draw

Voltage	Model Series						
	6 x 6	6 x 6	6 x 6	6 x 6	6 x 6	3x3	3x3
	80W	120W	130W	150W	180W	90W	140W
	Current (A)	Current (A)	Current (A)	Current (A)	Current (A)	Current (A)	Current (A)
120V	0.688	1.07	1.11	1.26	1.53	0.748	1.14
277V	0.31	0.47	0.5	0.54	0.67	0.33	0.51
347V	0.26	0.38	0.4	0.44	0.56	0.28	0.42
480V	0.19	0.29	0.31	0.33	0.4	0.21	0.31

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Theoretical L70 (Hours)
All Distributions		
40°C	88.90%	151,000

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
10°C	1.03
15°C	1.02
25°C	1.00
40°C	0.97
50°C	0.96

FADC Settings

FADC Position	Percent of Typical Lumen Output
1	25%
2	48%
3	56%
4	65%
5	75%
6	80%
7	85%
8	90%
9	95%
10	100%

NOTES: +/-5% typical value

Catalog Number	
Notes	Type

WallConnect LED



Description

Perimeter, security and roadway underpass lighting requires excellent control and uniformity while minimizing light trespass and glare. The WCNG/WCNP WallConnect LED luminaires excel at this, requiring fewer luminaires to achieve required light levels in infrastructure, industrial and municipal applications. With energy cost reductions up to 77% and expected service life of over 20 years, WallConnect LED provides the latest lighting technology from the company that introduced the very first Wallpack to the market.

Optics

- The WCNG uses a borosilicate glass refractor lens and the WCNP uses a protective polycarbonate lens that covers the light engine's precision-molded proprietary silicone lenses.
- Type 3 Medium
- Type 4 Medium
- Type 4 Underpass

Mechanical

- The housing is constructed of die-cast aluminum and is fully gasketed for ease of maintenance
- Housing is completely sealed against moisture and environmental contaminants, IP66
- Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering.
- A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

Electrical

- Light engine(s) consist of 10-30 high-efficacy LEDs mounted to a metal-core circuit board and integral aluminum heat sink to maximize heat dissipation and promote long life
- The standard 0-10V dimmable electronic driver and optional XVOLT and DALI drivers have a power factor of >90%, THD <20%
- Zetashield driver (XVOLT option) is available for particularly challenging dirty power environments
- DALI dimmable driver supporting D4i is available as an option. Consult factory for custom programming.
- Adjustable output module (AO option) provides selectable lumens output control.
- Traditional button and twist lock photo controls are available as well as embedded dusk-to-dawn (DDC) and Local Connect (ALCB, ALCF, ALCC) and motion sensing controls (RSBOR).
- SPD: 20kV/10kA standard
- CCT: 2700K, 3000K, 4000K, 5000K
- CRI: 70CRI
- Integrated UL924 emergency backup option is available.

Installation

- Top, bottom, left and right side 1/2" threaded wiring access
- Back access through removable 1/2" knockout
- Feed-thru wiring can be achieved by using a conduit tee

Certification and Standards

- UL listed for wet locations. Rated for -40°C to 50°C ambient, refer to page 4 for details
- LM-79 compliant
- The projected LED Lumen Maintenance shall be based only on IES LM-80-08 and TM-21
- Luminaire designed and tested to comply with ANSI C136.31 for 100,000 cycles at 3.0G acceleration for bridges and overpasses
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check with the DLC Qualified Products List at www.designlights.org/OPL to confirm which versions are qualified.

Government Procurement

BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty

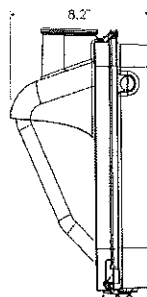
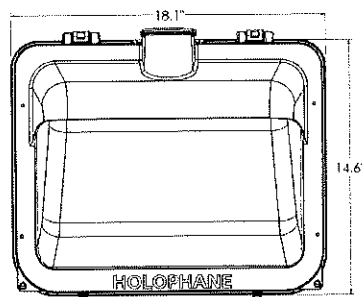
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.



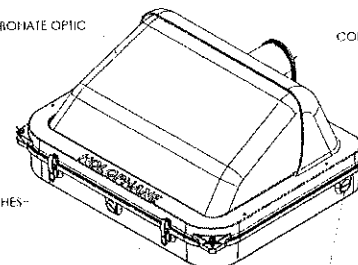
DIMENSIONAL DATA



PRISMATIC GLASS OR POLYCARBONATE OPTIC

DOOR FASTENERS

DOOR LATCHES



CONTROLS MOUNTING PLATE

CONDUIT PORTS - 5X

WCNG Weight = 28.5 lbs
WCNP Weight = 22.5 lbs

ORDERING INFORMATION

Example: WCNG P4 30K T3M MVOLT ZT 20KV BKSDP SCRW PR7 PCLL ELCW

Series	Performance Package	Color Temperature	Distribution	Voltage	Driver
WCNG WallConnect LED Wallpack glass refractor	P1 16W, 2,100 nominal lumens at 4K CCT	27K 2,700K CCT	T3M TYPE III medium	MVOLT Multivolt (120-277)	ZT 0-10V dimmable
WCNP WallConnect LED Wallpack polycarbonate refractor	P2 ⁶ 35W, 4,100 nominal lumens at 4K CCT	30K 3,000K CCT	T4M TYPE IV medium	120 120VAC	D4I DALI D4i driver for 120-277VAC applications
	P3 ⁶ 51W, 6,200 nominal lumens at 4K CCT	40K 4,000K CCT	U4W TYPE IV underpass	208 208VAC	
	P4 72W, 8,500 nominal lumens at 4K CCT	50K 5,000K CCT		240 240VAC	
	P5 93W, 12,000 nominal lumens at 4K CCT			277 277VAC	
	P6 117W, 14,300 nominal lumens at 4K CCT			347 347VAC	
	P7 128W, 15,800 nominal lumens at 4K CCT			480 480VAC	
	P8 138W, 15,700 nominal lumens at 4K CCT			XVOLT277 ⁷ Zetashield driver for 277VAC applications	
				XVOLT347 ⁷ Zetashield driver for 347VAC applications	
				XVOLT480 ⁷ Zetashield driver for 480VAC applications	

Surge Protection	Finish Color	Door Closure	Top Receptacle	Fusing	Adjustable Output
10KV 10kV/5kA fail on style MOV pack	BKSDP Black super durable paint	SCRW Standard screw closure	NTR No top receptacle	SF ¹ Single fused	AO Adjustable output module
20KV 20kV/10kA fail off style SPD	BZSDP Bronze super durable paint	LTCH Toolless steel latches	PR7 7-pin photocontrol receptacle	DF ² Double fused	
	GYSDP Grey super durable paint	TMPS Tamper resistant enclosure fasteners	ZRT Zhaga receptacle on top of fixture		
	WHSDP White super durable paint				

Photo Control	Embedded Controls	Sensor	Emergency Battery	Terminal Block
SH Shorting cap for NEMA receptacle	ALCB Local Connect Basic	RSBOR External mount RSBOR nLight motion sensing control	ELSW ^{3,4,5} Emergency battery backup (standard 0C)	TB 3-position Terminal Block (6-16 AWG)
PCLL DTL DLL long life photo control	ALCC Local Connect Custom		ELCW ^{3,4,5} Emergency battery backup (cold eather -20C)	
DZP DC Zhaga Photocontrol	ALCF Local Connect Full			
	DDC DC Connect photocontrol			
	UBC Cell Connect			
	BSPC Button Style photocontrol integral			

Nema Label	Factory installed guards	Point of Manufacture
NL Nema Label	WCNLVG Vandal guard factory installed	BAA Buy America(n) Act and/or Build America Buy America Qualified
	WCNLWG Wire guard factory installed	

Accessories: (separately shipped):	
WCNVGU	Vandal guard
WCNWGU	Wire guard
DLL127F1.5JU	Multivolt DLL photocontrol
DLL3471.5CULJU	347V DLL photocontrol
DLL4801.5CULJU	480V DLL photocontrol
Controls Training:	
LCTRAIN	Local Connect Remote Training; 1 day training provided by Acuity Services Team

Notes

1. Single fusing (SF) option only valid with 120, 277, 347 voltages
2. Double fusing (DF) option only valid with 208, 240, 480 voltages
3. Emergency Battery (ELSW and ELCW) cannot be selected with XVOLT, 347 or 480 voltages
4. Emergency Battery (ELSW and ELCW) with P1, P2 or P3 cannot be selected with 20KV surge protection
5. Emergency Battery (ELSW and ELCW) with P4 or P5 cannot be selected with D4I
6. P2 and P3 performance packages with 347 or 480 voltages cannot be selected with D4I
7. Not available with P7 or P8 with 20KV surge

OPTIONS MATRIX

WCNG / WCNP		Driver		Embedded Controls						Top Receptacle			AO	Photocontrols			Motion Sensor
		ZT	D4I	ALCB	ALCF	ALCC	DDC	UBC	BSPC	NTR	PR7	ZRT	AO	SH	PCLL	DZP	RSBOR
Driver	ZT		N	N	N	N	N	N	Y	Y	Y	N	Y	Y	Y	N	Y
	D4I	N		Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N
Embedded Controls	ALCB	N	Y		N	N	N	N	N	Y	N	N	N	N	N	N	N
	ALCF	N	Y	N		N	N	N	N	Y	N	N	N	N	N	N	N
	ALCC	N	Y	N	N		N	N	N	Y	N	N	N	N	N	N	N
	DDC	N	Y	N	N	N		N	N	Y	N	N	N	N	N	N	N
	UBC	N	Y	N	N	N	N		N	Y	N	N	N	N	N	N	N
	BSPC	Y	Y	N	N	N	N	N		Y	N	N	Y	N	N	N	N
	NTR	Y	Y	Y	Y	Y	Y	Y	Y		N	N	Y	N	N	N	Y
Top Receptacle	PR7	Y	Y	N	N	N	N	N	N	N		N	Y	Y	Y	N	N
	ZRT	N	Y	N	N	N	N	N	N	N	N		N	N	N	Y	N
AO	AO	Y	N	N	N	N	N	N	Y	Y	Y	N		Y	Y	N	N
Photocontrols	SH	Y	Y	N	N	N	N	N	N	N	Y	N	Y		N	N	N
	PCLL	Y	Y	N	N	N	N	N	N	N	Y	N	Y	N		N	N
	DZP	N	Y	N	N	N	N	N	N	N	N	Y	N	N	N		N
Motion Sensor	RSBOR	Y	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	

MATRIX KEY

N = Combination Not available

Y = Valid Option Combination

Performance Package / Options Matrix

Performance Package	Distribution			Driver		Voltage											
	T3M	T4M	U4W	ZT	D4I	MVOLT	120	208	240	277	347	480	XVOLT277	XVOLT347	XVOLT480		
P1	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	N		
P2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y*	Y*	N	N	N		
P3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y*	Y*	N	N	N		
P4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
P5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
P6	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
P7	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
P8	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		

* Not available with D4I

Emergency Battery Matrix

Performance Package	ZT		D4I	
	10KV	20KV	10KV	20KV
P1	Y	N	N	N
P2	Y	N	Y	N
P3	Y	N	Y	N
P4	Y	Y	N	N
P5	Y	Y	N	N
P6	N	N	N	N
P7	N	N	N	N
P8	N	N	N	N

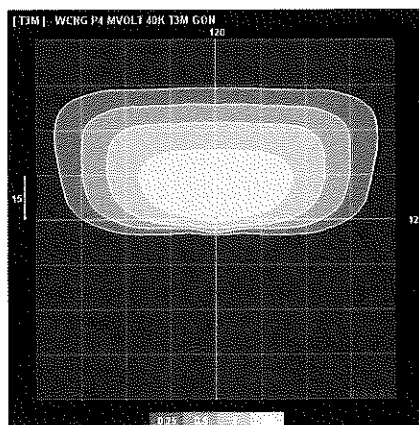
D4I Driver Option Defaults			
Setting	Top Receptacle / Photocontrol	Default Value	Alternate Values
DALI Power Bus	NTR	ON	Off
	ALCB / ALCF / ALCC	ON	none
	DDC	ON	none
	UBC	ON	none
	PR7	OFF	On
	ZRT	ON	Off
	DZP	ON	none
Dimming Type	Any	LINEAR	Logarithmic
24V AUX	Any	ON (Not Connected)	none
Scenes Data	Any	0 (blank)	01-255

*To program different settings, consult factory; RFD is required

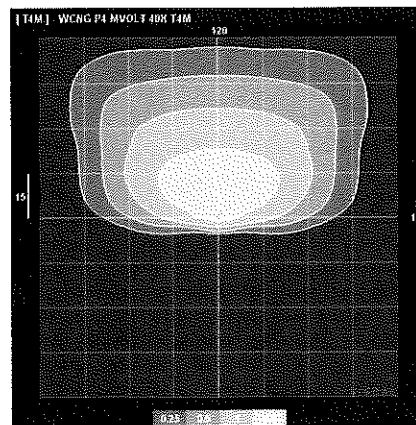
OPERATIONAL DATA

Series	Performance Package	Distribution Type	Wattage	2700K CCT		3000K CCT		4000K CCT		5000K CCT	
				Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
WCNG	P1	T3M	16	2,021	126	2,054	128	2,194	137	2,225	139
	P2		35	3,962	114	4,028	116	4,303	124	4,362	126
	P3		51	6,171	122	6,274	124	6,702	133	6,795	135
	P4		72	8,403	117	8,542	119	9,125	127	9,252	129
	P5		93	10,648	114	10,825	116	11,564	124	11,725	126
	P6		117	12,736	108	12,947	110	13,831	118	14,023	119
	P7		128	13,982	109	14,214	111	15,184	118	15,395	120
	P8		138	14,426	105	14,665	106	15,666	114	15,884	115
	P1	T4M	16	2,053	128	2,087	130	2,230	139	2,261	141
	P2		35	4,026	116	4,093	118	4,373	126	4,433	128
	P3		51	6,251	124	6,355	126	6,789	134	6,883	136
	P4		72	8,512	118	8,653	120	9,244	128	9,372	130
	P5		93	9,621	103	9,781	105	10,448	112	10,593	114
	P1	U4W	16	2,026	127	2,060	129	2,200	138	2,231	139
	P2		35	3,973	114	4,039	116	4,314	124	4,374	126
	P3		51	5,835	116	5,932	117	6,337	125	6,425	127
	P4		72	7,945	110	8,077	112	8,628	120	8,748	122
	P5		93	9,432	101	9,588	103	10,243	110	10,385	112
WCNP	P1	T3M	16	1,864	117	1,895	118	2,024	127	2,052	128
	P2		35	3,655	105	3,715	107	3,969	114	4,024	116
	P3		51	5,693	113	5,787	115	6,182	122	6,268	124
	P4		72	7,751	108	7,880	109	8,418	117	8,535	119
	P5		93	9,823	106	9,986	107	10,668	115	10,816	116
	P6		117	11,748	100	11,943	102	12,759	109	12,936	110
	P7		128	13,623	106	13,849	108	14,794	115	14,999	117
	P8		138	13,787	100	14,016	102	14,973	109	15,181	110
	P1	T4M	16	1,885	118	1,916	120	2,047	128	2,075	130
	P2		35	3,696	107	3,757	108	4,014	116	4,069	117
	P3		51	5,656	112	5,750	114	6,142	122	6,228	123
	P4		72	7,701	107	7,829	109	8,363	116	8,480	118
	P5		93	9,032	97	9,182	99	9,809	105	9,945	107
	P1	U4W	16	1,838	115	1,869	117	1,996	125	2,024	127
	P2		35	3,604	104	3,664	106	3,914	113	3,969	114
	P3		51	5,507	109	5,598	111	5,980	118	6,063	120
	P4		72	7,498	104	7,623	106	8,143	113	8,256	115
	P5		93	8,864	95	9,012	97	9,627	103	9,760	105

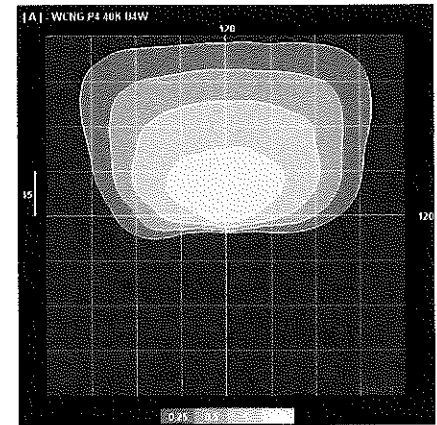
PHOTOMETRIC DISTRIBUTIONS



T3M



T4M



U4W

OPERATIONAL DATA

Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

WCN Lumen Maintenance				
Operating Hours	0	25,000	50,000	100,000
P1	1,000	0.956	0.915	0.839
P2				
P3				
P4				
P5	1,000	0.956	0.904	0.818
P6				
P7				
P8				
P8	1,000	0.930	0.866	0.750

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

WCN Electrical Load							
Performance Package	Watts	Current (A)					
		120 Vac	208 Vac	240 Vac	277 Vac	347 Vac	480 Vac
P1	16	0.133	0.077	0.067	0.058	0.046	0.033
P2	35	0.289	0.167	0.145	0.125	0.100	0.072
P3	51	0.421	0.243	0.211	0.182	0.146	0.105
P4	72	0.600	0.346	0.300	0.260	0.207	0.150
P5	93	0.776	0.448	0.388	0.336	0.268	0.194
P6	117	0.978	0.564	0.489	0.424	0.338	0.245
P7	128	1.068	0.616	0.534	0.463	0.369	0.267
P8	138	1.150	0.663	0.575	0.498	0.398	0.288

Lumen Ambient Temperature (LAT) Multipliers

Use this factors to determine relative lumen output for average ambient temperatures from 0-50° C (32-122°F)

WCN Series		
Ambient		Lumen Temperature Factor
0° C	32° F	1.030
10° C	50° F	1.019
20° C	68° F	1.007
25° C	77° F	1.000
30° C	86° F	0.993
40° C	104° F	0.977
50° C	122° F	0.960

Ambient Temperature Ratings

Without Battery Backup			With ELSW Option		With ELCW Option	
Performance Package	Min Temperature	Max Temperature	Min Temperature	Max Temperature	Min Temperature	Max Temperature
P1	-40°C	50°C	0°C	40°C	-20°C	40°C
P2	-40°C	50°C	0°C	40°C	-20°C	40°C
P3	-40°C	50°C	0°C	40°C	-20°C	40°C
P4	-40°C	50°C	0°C	40°C	-20°C	40°C
P5	-40°C	40°C	0°C	40°C	-20°C	40°C
P6	-40°C	40°C	N/A	N/A	N/A	N/A
P7	-40°C	35°C	N/A	N/A	N/A	N/A
P8	-40°C	35°C	N/A	N/A	N/A	N/A

WCN FAO																
Performance Package	P1		P2		P3		P4		P5		P6		P7		P8	
	A0 Position	% Lumen Output	% Wattage	% Lumen Output	% Wattage	% Lumen Output	% Wattage	% Lumen Output	% Wattage	% Lumen Output	% Wattage	% Lumen Output	% Wattage	% Lumen Output	% Wattage	% Lumen Output
1		22%	21%	22%	17%	22%	19%	22%	20%	22%	20%	22%	20%	23%	20%	23%
2		34%	35%	32%	27%	32%	29%	33%	31%	32%	31%	33%	31%	33%	31%	34%
3		46%	46%	46%	40%	46%	42%	47%	47%	47%	47%	47%	47%	48%	47%	49%
4		60%	59%	61%	55%	61%	57%	62%	58%	61%	58%	62%	58%	63%	64%	64%
5		70%	70%	71%	67%	71%	67%	72%	69%	72%	69%	73%	69%	73%	77%	74%
6		82%	80%	82%	79%	82%	80%	83%	81%	83%	81%	83%	81%	84%	86%	85%
7		93%	92%	93%	92%	93%	92%	93%	92%	93%	92%	94%	92%	94%	95%	94%
8		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%



SOUND LEVEL IMPACT ASSESSMENT REPORT

National Grid Ames Road Substation Project Town of Canajoharie, New York

Prepared for:

National Grid
14 Plank Road
Glenmont, NY 12077

Prepared by:



Epsilon Associates, Inc.
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August 1, 2025

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1.0 EXECUTIVE SUMMARY

Epsilon Associates, Inc. (Epsilon) has been retained by National Grid to conduct a sound level impact assessment for the proposed Marshville substation replacement (the Project) in the Town of Canajoharie, New York. The Project involves retiring the existing Marshville Substation located at 6687 State Highway 10 (Ames Road) and constructing a new facility nearby on the northwest side of Ames Road.

This sound level assessment includes a baseline sound level measurement program to quantify existing sound levels in the Project area and computer modeling to predict future sound levels when the proposed substation is operational. Substation-only sound levels from the Project were evaluated against the New York State Department of Public Service (NYS DPS) sound level recommendation of 35 dBA L_{eq} at non-participating residences for substations. Additionally, the maximum property line sound level recommendation of 45 dBA was evaluated.

Based on the sound level analysis of the proposed substation equipment, sound levels at the closest residences are predicted to be at or below the DPS sound level design goal of 35 dBA, and the DPS property line design goal of 45 dBA with the mitigation discussed in this report. Therefore, the operation of the proposed substation will meet all applicable state design goals and local regulatory limits with respect to sound.

2.0 INTRODUCTION

Epsilon has been retained by National Grid to conduct a sound level impact assessment for the proposed Ames Road substation in the Town of Canajoharie, New York.

This project is being developed by National Grid to allow for an increase in regional system capacity and to upgrade existing infrastructure not feasible at the existing nearby Marshville substation. Additionally, the Project is being undertaken in response to New York State's Climate Leadership and Community Protection Act (CLCPA) which was signed into law on July 18, 2019. Part of meeting the CLCPA's objectives is updating electrical transmission infrastructure in New York. As part of the infrastructure upgrade, a new substation is planned to augment the existing Marshville substation.

Ambient sound levels were measured and are presented in this report along with modeled operational sound levels for the proposed substation. Sound levels were modeled at the nearest noise-sensitive receptors and compared to the NYS DPS recommendations.

3.0 SOUND METRICS

There are several ways in which sound levels are measured and quantified. All of them use the logarithmic decibel (dB) scale. The following information defines the sound level terminology used in this analysis.

The decibel scale is logarithmic to accommodate the wide range of sound intensities found in the environment. A property of the decibel scale is that the sound pressure levels of two or more separate sounds are not directly additive. For example, if a sound of 50 dB is added to another sound of 50 dB, the total is only a 3-decibel increase (53 dB), which is equal to doubling in sound energy, but not equal to a doubling in decibel quantity (100 dB). Thus, every 3-dB change in sound level represents a doubling or halving of sound energy. The human ear does not perceive changes in the sound pressure level as equal changes in loudness. Scientific research demonstrates that the following general relationships hold between sound level and human perception for two sound levels with the same or very similar frequency characteristics¹:

- 3 dB increase or decrease results in a change in sound that is just perceptible to the average person,
- 5 dB increase or decrease is described as a clearly noticeable change in sound level, and
- 10 dB increase or decrease is described as twice or half as loud.

Another mathematical property of decibels is that if one source of sound is at least 10 dB louder than another source, then the total sound level is simply the sound level of the higher-level source. For example, a sound source at 60 dB plus another sound source at 47 dB is equal to 60 dB.

A sound level meter (SLM) that is used to measure sound is a standardized instrument.² It contains “weighting networks” (e.g., A-, C-, Z-weightings) to adjust the frequency response of the instrument. Frequencies, reported in Hertz (Hz), are detailed characterizations of sounds, often addressed in musical terms as “pitch” or “tone”. The most commonly used weighting network is the A-weighting because it approximates how the human ear responds to sound at various frequencies. The A-weighting network is the accepted scale used for community sound level measurements; therefore, sounds are frequently reported as detected with a sound level meter using this weighting. A-weighted sound levels emphasize middle frequency sounds (i.e., middle pitched – around 1,000 Hz), and de-emphasize low and high frequency sounds. These sound levels are reported in decibels designated as “dBA”. The C-weighting network has a nearly flat response for frequencies between 63 Hz and 4,000 Hz and is noted as dBC. Z-weighted sound levels are measured sound levels without any weighting curve and are otherwise referred to as “unweighted”.

¹ Bies, David, and Colin Hansen. 2009. *Engineering Noise Control: Theory and Practice*, 4th Edition. New York: Taylor and Francis.

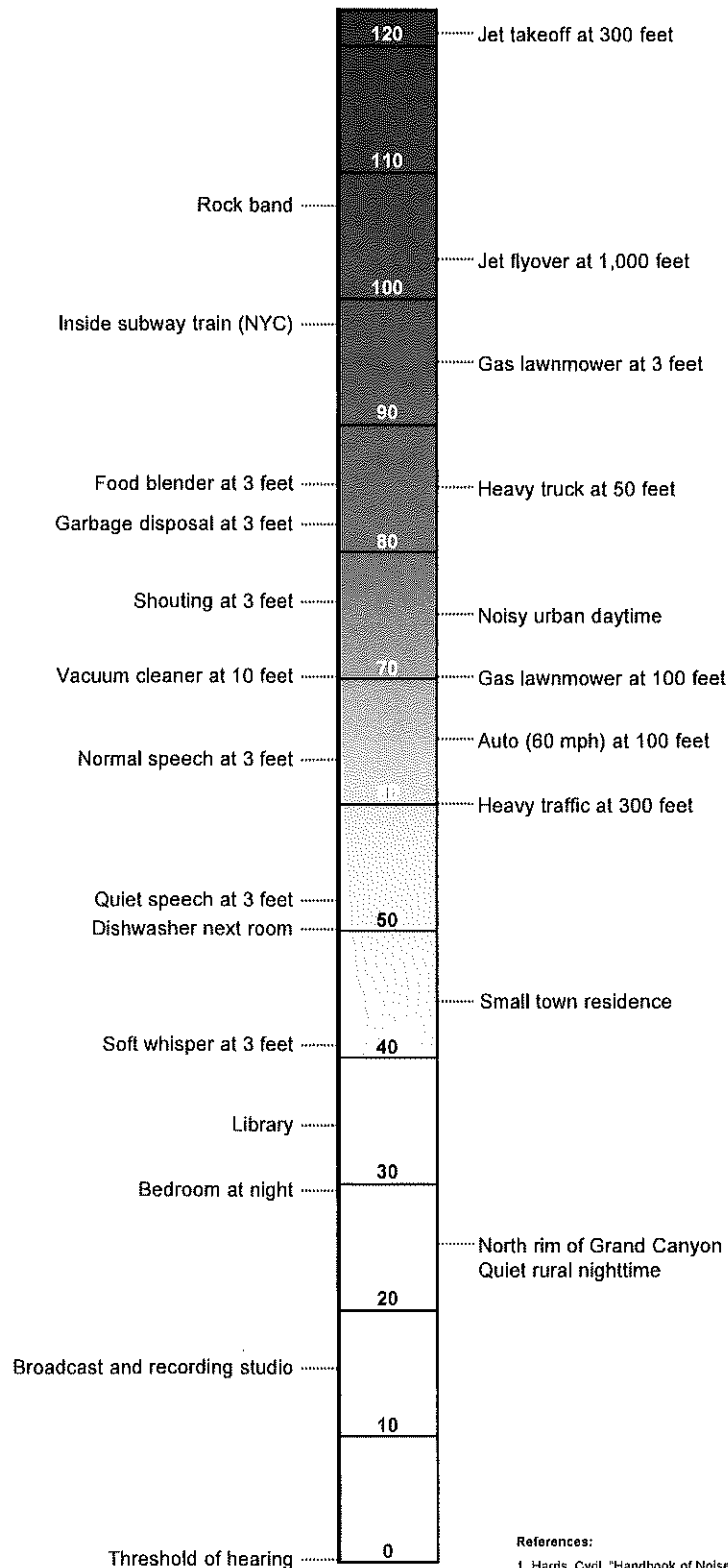
² *American National Standard Electroacoustics – Sound Level Meters – Part 1: Specifications*, ANSI S1.4-2014 (R2019), published by the Standards Secretariat of the Acoustical Society of America, Melville, NY.

Because the sounds in our environment vary with time they cannot simply be described with a single number. Two types of metrics are used to describe variable sounds. These are exceedance levels and the equivalent level, both of which are derived from some number of moment-to-moment A-weighted sound level measurements. Exceedance levels are values from the cumulative amplitude distribution of all of the sound levels observed during a measurement period. Exceedance levels are designated L_n , where n can have a value between 0 and 100 in terms of percentage. Several sound level metrics that are commonly reported in community sound studies are described below.

- L_{90} is the sound level exceeded 90 percent of the time during the measurement period. The L_{90} is close to the lowest sound level observed. It is essentially the same as the residual sound level, which is the sound level observed when there are no obvious nearby intermittent sound sources.
- L_{eq} , the equivalent level, is the level of a hypothetical steady sound that would have the same energy (*i.e.*, the same time-averaged mean square sound pressure) as the actual fluctuating sound observed. The equivalent level is designated L_{eq} and is typically A-weighted. The equivalent level represents the time average of the fluctuating sound pressure, but because sound is represented on a logarithmic scale and the averaging is done with linear mean square sound pressure values, the L_{eq} is mostly determined by loud sounds if there are fluctuating sound levels.

Sound Pressure
Level, dBA

COMMON INDOOR SOUNDS **COMMON OUTDOOR SOUNDS**



References:

1. Harris, Cyril, "Handbook of Noise Acoustical Measurements and Noise Control", p 1-10., 1998
2. "Controlling Noise", USAF, AFMC, AFDTC, Elgin AFB, Fact Sheet, August 1998
3. California Dept. of Trans., "Technical Noise Supplement", Oct, 1998

4.0 NOISE REGULATIONS

4.1 Federal Regulations

There are no federal community noise regulations applicable to the Project.

4.2 New York State Guidance

Noise is evaluated under the Article VII process by the New York State Department of Public Service (NYS DPS). Although the Project is not subject to the Article VII process, National Grid is adhering to the recommendations established by the DPS³. The recommendations include the following design goals for substations with regard to sound:

- Meet a limit of 40 dBA L_{eq} (1-hour) at the outside of any non-participating residence from the substation equipment, subject to the tonal penalties described below.
- Not produce any audible prominent tones, as defined under ANSI S12.9-2013/Part 3 Annex B at any non-participating residences existing as of the date of this Certificate. Should a prominent tone occur, the broadband overall (dBA) noise level at the evaluated position shall be increased by 5 dBA for evaluation of compliance with the 40 dBA limit.
- Comply with a limit of 45 dBA L_{eq} (1-hour) across all properties, except for delineated wetlands and utility rights of way. No penalties for prominent tones are added in this assessment.

These design goals effectively create a recommended 35 dBA limit at a non-participating residence for any facility being assessed that includes tonal equipment, such as a transformer. The proposed substation in this study will contain two transformers.

4.3 Local Regulations

4.3.1 Town of Canajoharie

The proposed substation site is located in the Town of Canajoharie. The Zoning Law of the Town of Canajoharie⁴ states in Article VI §A.1.1 under General Standards that “No offensive or objectionable vibration, noise, or glare shall be noticeable at or beyond the property line.” This regulation is qualitative in nature and does not impose any quantitative sound level limits. For this evaluation it has been assumed that meeting the relatively restrictive DPS sound limits which are designed to minimize noise impact will also satisfy the Town of Canajoharie Zoning Law.

³ New York State Department of Public Service. (2020). *NYS Department of Public Service General Recommendations for Applications for Substations, Stations, and Converter Stations under Article VII* (11/10/2020).

⁴ Canajoharie, NY. (2001) *The Zoning Law of the Town of Canajoharie, Montgomery County, New York, Local Law No. 1 of 2001* (4/5/2001).

5.0 EXISTING CONDITIONS

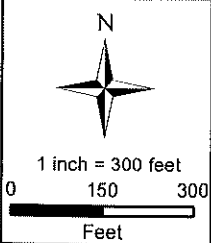
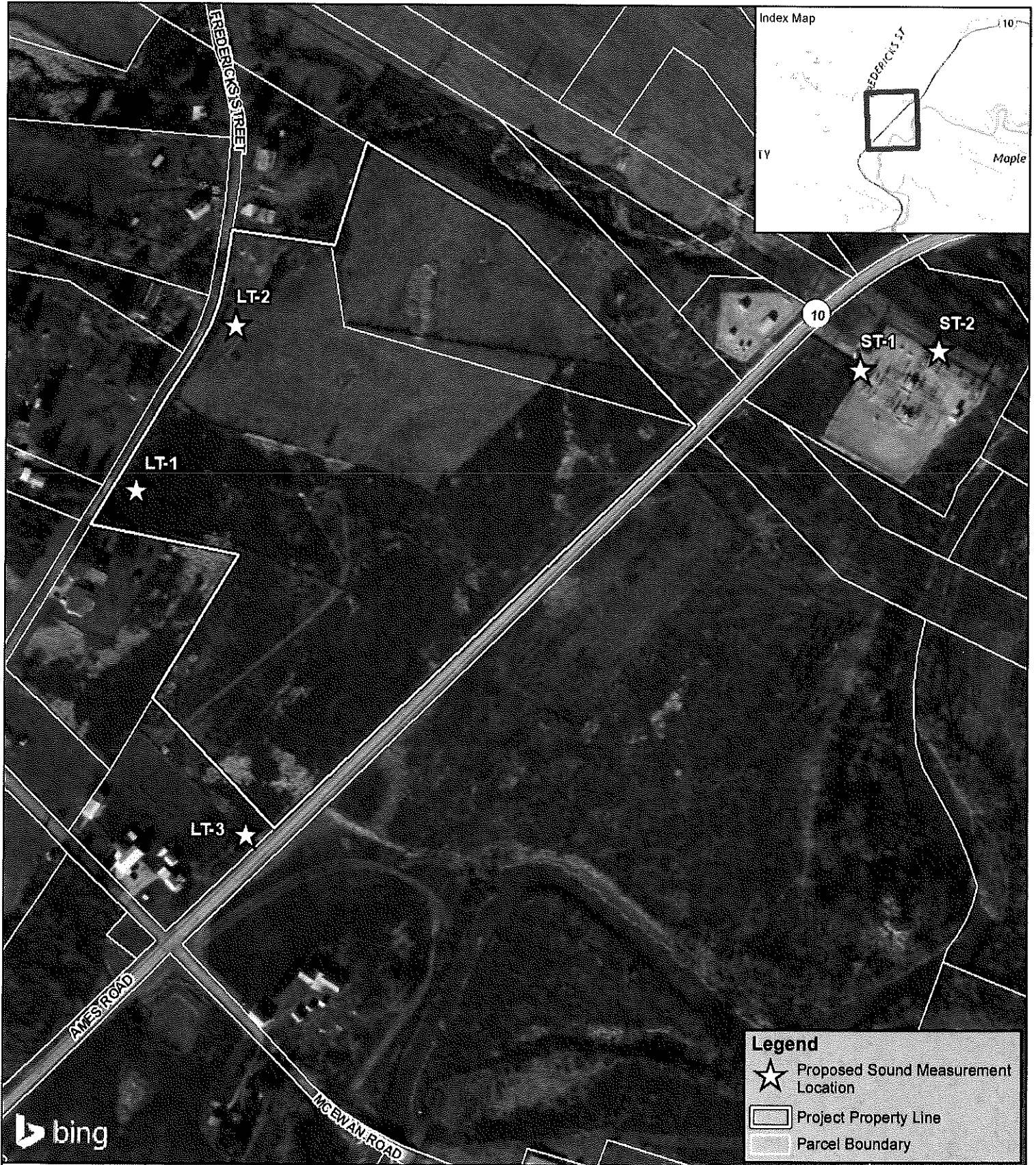
5.1 Overview

An ambient sound level survey was conducted to characterize the existing baseline acoustical environment in the vicinity of the proposed substation location. Programmable unattended sound level meters were placed at five measurement locations representing residential receptors in the community and the existing Marshville substation. Sound sources observed in the area included vehicular traffic along local and distant streets, trains, vegetation rustling, distant aircraft, wind, dogs, ducks, chickens, geese, birds, and the existing Marshville substation.

5.2 Measurement Locations

The selection of the noise measurement locations was based upon a review of the land use in the vicinity of the proposed substation sites. Three long-term (LT) locations were selected as representative of the proposed substation site and the surrounding residential areas. Additionally, two short-term (ST) locations were selected to quantify sound levels at the existing Marshville substation. These measurement locations are depicted on Figure 5-1 and described below.

- **LT1** is located approximately 60 feet east of Fredericks Street. This location is representative of the homes located along Fredericks Street west of the site. Sound level data were collected from approximately 11:00 AM on January 4, 2024, to 1:00 PM on January 11, 2024, at this location.
- **LT2** is located approximately 50 feet east of Fredericks Street. This location is representative of the homes along Fredericks Street and to the north of the site. Sound level data were collected from approximately 12:00 PM on January 4, 2024, to 2:00 PM on January 11, 2024, at this location. The meter at this location was knocked over by a wind gust on the evening of January 10, 2025. Data collected after this period were deemed invalid.
- **LT3** is located approximately 50 feet northwest of Ames Road. This location is representative of the closest homes south of the site along Ames Road and McEwen Road. Sound level data were collected from approximately 1:00 PM on January 4, 2024, to 2:00 PM on January 11, 2024, at this location.
- **ST1** is located at the entrance to the existing Marshville substation on the northwest side. This location is representative of the existing substation sound levels. Sound level data were collected from approximately 4:00 PM on January 11, 2024, to 4:00 PM on January 12, 2024, at this location.
- **ST2** is located on the northeastern side of the existing substation site. This location is representative of the existing substation transformer. Sound level data were collected from approximately 4:00 PM on January 11, 2024, to 4:00 PM on January 12, 2024, at this location.



AMES ROAD SUBSTATION
SOUND LEVEL ASSESSMENT

Figure 5-1
Ambient Sound Level Measurement Locations - June 2025

Canajoharie, New York
Page 1 of 1

USGS The National Map:
National Boundaries Dataset,
3DEP Elevation Program,
Geographic Names Information
System, National Hydrography
Dataset, National Land Cover
Database, National Structures
Dataset, and National
Transportation Dataset; USGS
Global Ecosystems; U.S. Census

nationalgrid
Epsilon

5.3 Measurement Methodology

Sound levels were measured at a height of approximately five feet above the ground and equipment was unattended except during setup, an intermediate equipment check, and pickup.

In addition to the collection of sound level data, ground-level wind speeds were continuously measured and logged at measurement location LT2. Additional meteorological data from the Albany International Airport National Weather Service (NWS) station in Albany, NY were also downloaded from the National Centers for Environmental Information (NCEI). These data are included in Appendix A. As shown in Appendix A, the meteorological data from the Albany Airport weather station were not logged correctly starting at 4:00 am on January 10, 2024.

Hourly sound levels coupled with hourly meteorological data have been summarized in this report. Sound levels measured when average ground-level wind speeds were above 5 m/s (11 mph), as recorded by the onsite sensor, or during periods of precipitation, as recorded by the National Weather Service, were considered invalid in accordance with ANSI standards.

5.4 Measurement Equipment

A Larson Davis Model 831 sound level meter equipped with a PCB PRM831 preamplifier, a PCB 377B20 or 377C20 half-inch microphone, and windscreen was used to collect background sound pressure level data at each measurement location. This instrumentation meets the “Type 1 – Precision” requirements set forth in ANSI S1.4 for acoustical measuring devices. The measurement equipment was calibrated in the field before and after the survey with a Larson Davis CAL200 acoustical calibrator which meets the standards of IEC 942 Class 1L and ANSI S1.40. The meters utilized slow response and were set to log data every hour along with a one-second time history for A-weighted parameters including L_{90} and L_{eq} . The meters also measured one-third octave band sound levels during the same time intervals.

Onsite ground-level wind speed measurements were made at location LT2 using an ATMOS 22 weather station and ZL6 data logger (manufactured by Meter Group, Inc.). The weather station has a wind speed measurement range of 0 to 30 m/s (67 mph) and an accuracy of ± 0.3 m/s (0.67 mph). The wind sensor at LT2 was mounted at a height of approximately 2 meters (6.6 feet) above the ground. Data were logged every minute and were processed to be synced with the hourly sound level measurements.

5.5 Ambient Sound Levels

Sound level measurement results from all five locations are summarized in Table 5-1. Broadband L_{90} and L_{eq} sound level averages, maximums, and minimums are provided for the valid daytime and nighttime periods.⁵ Unweighted octave band⁶ L_{90} sound level spectra are also included in the table. These are actual sound levels from an hourly period when the broadband L_{90} sound level was equal to the corresponding day or night average broadband L_{90} at that location. A graphical presentation of all L_{90} and L_{eq} broadband

⁵ Daytime defined as 7:00 AM to 9:59 PM. Nighttime defined as 10:00 PM to 6:59 AM.

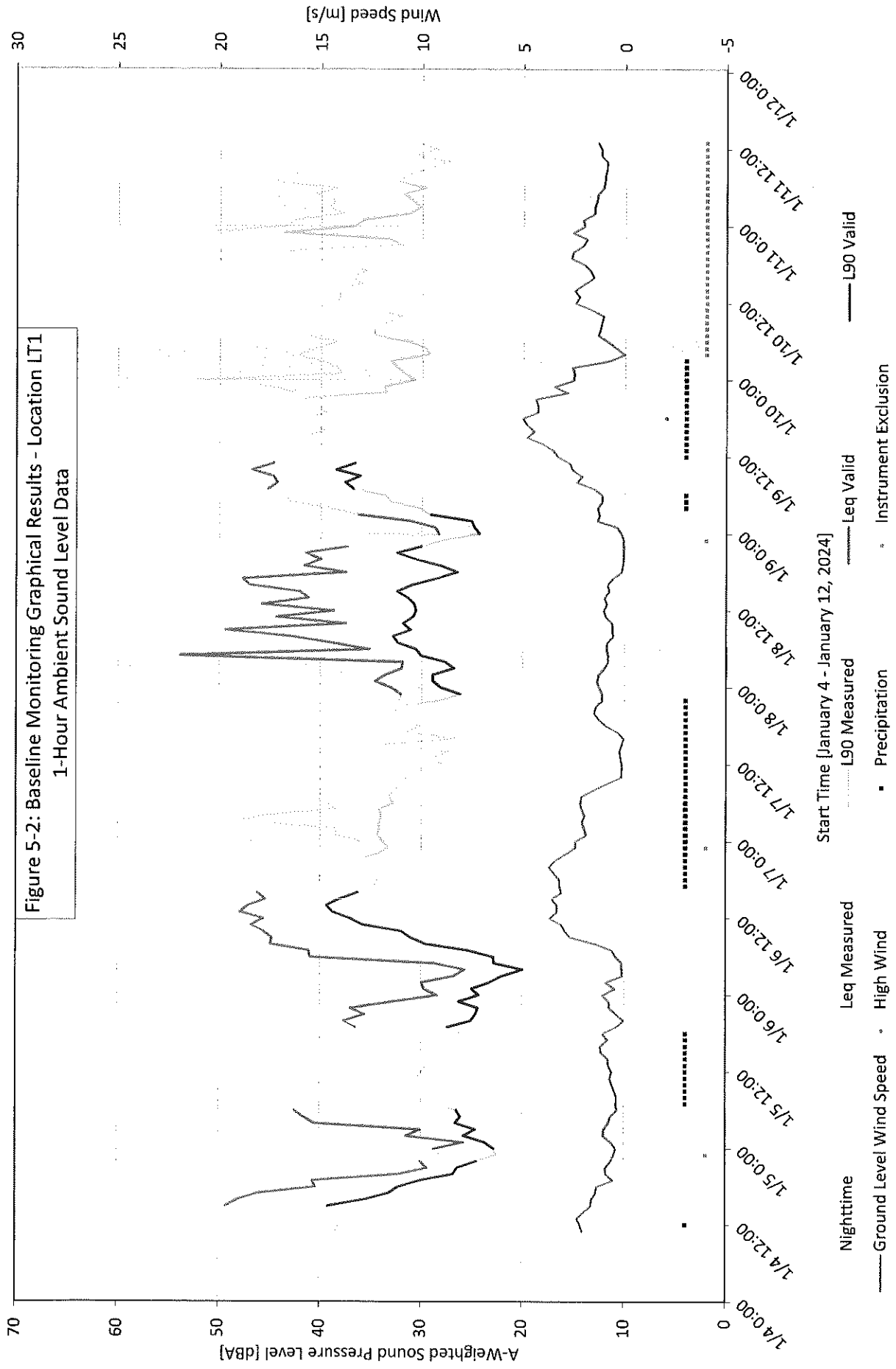
⁶ Calculated from the measured one-third octave band sound levels.

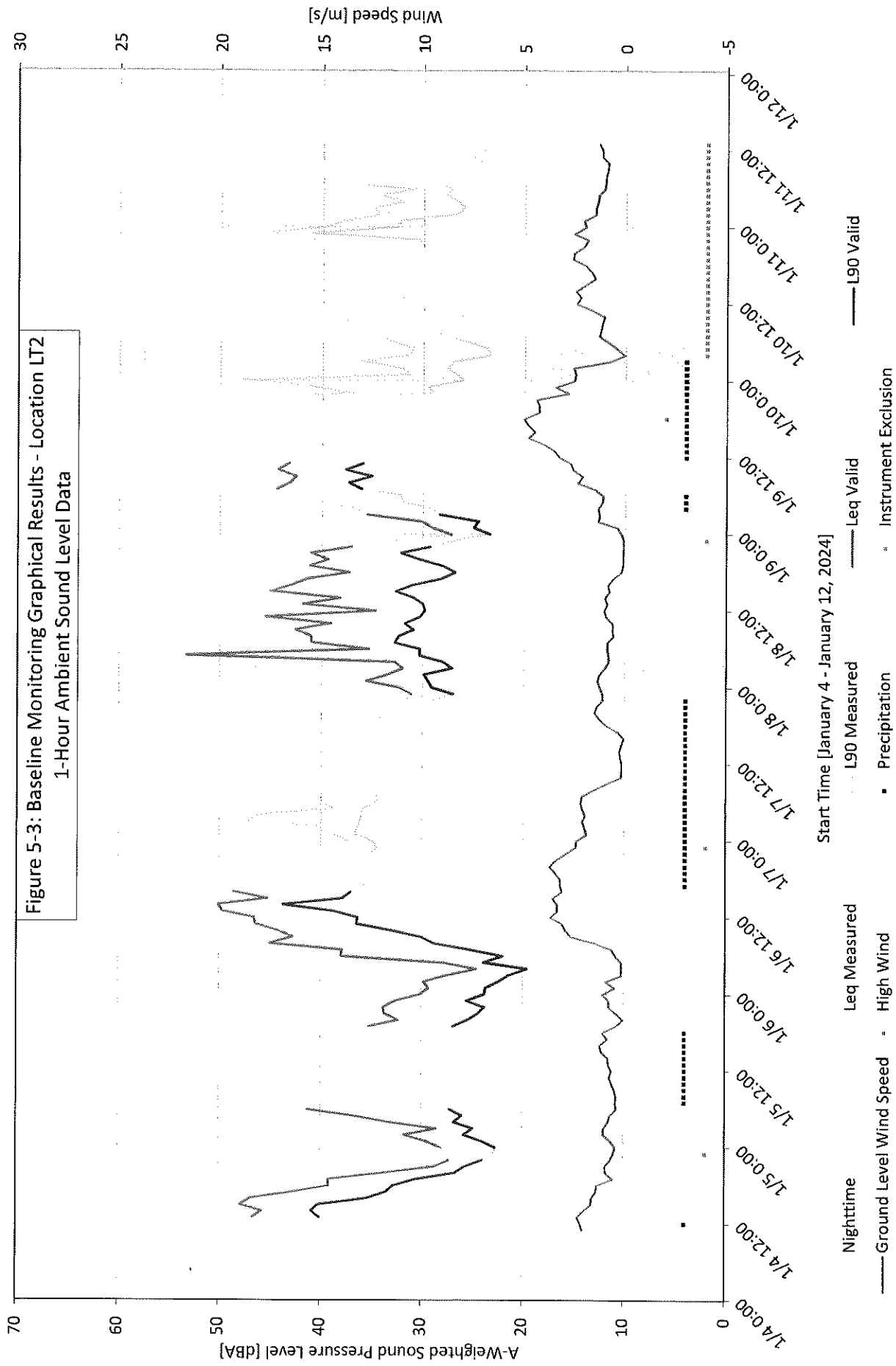
sound levels throughout the entire duration of the measurement program for the long-term measurement locations LT1 through LT3 can be found in Figures 5-2 through 5-4, respectively.

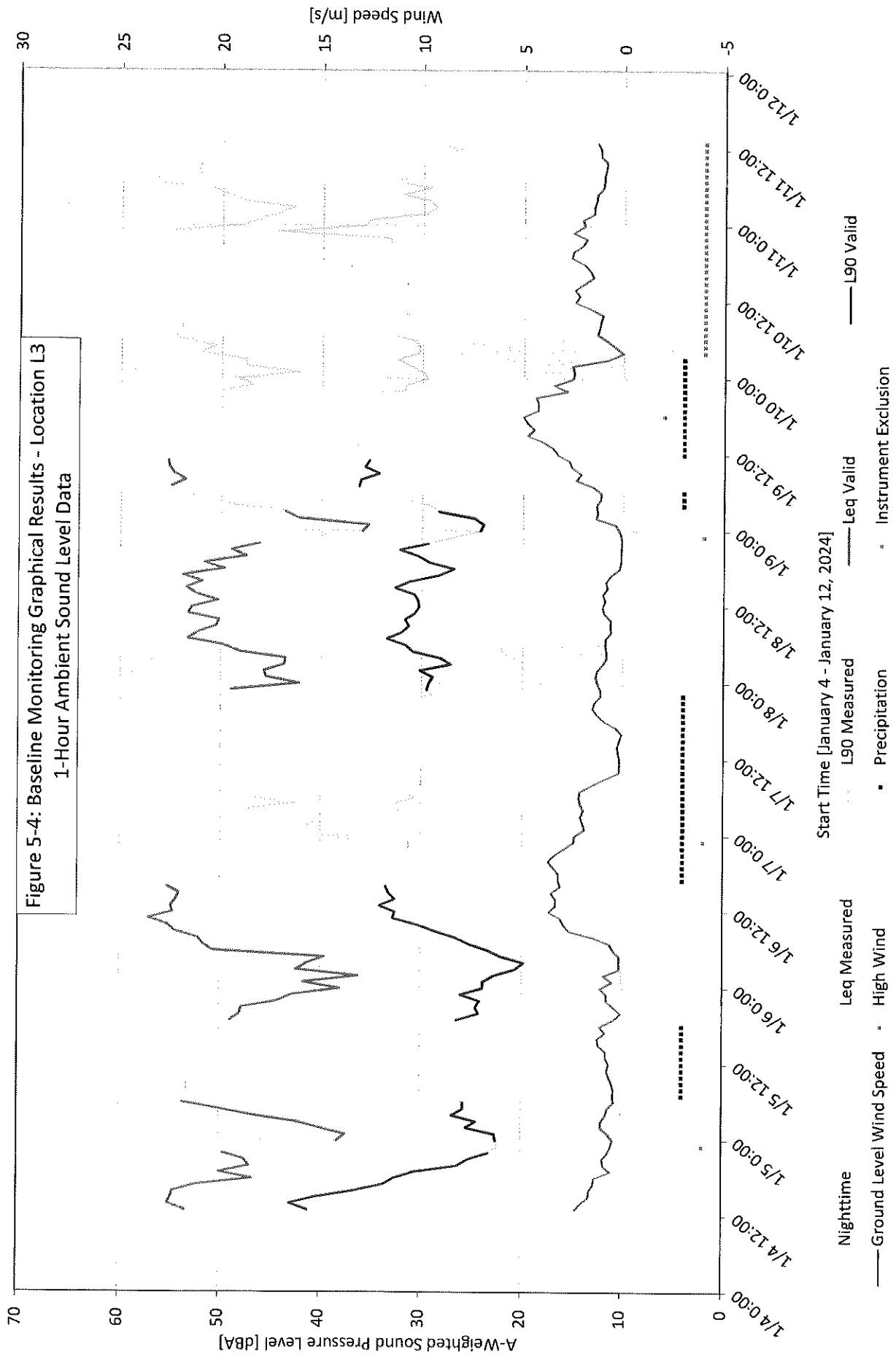
Table 5-1 Summary of Ambient Sound Levels

Loc.	Period	Broadband Sound Pressure Levels (dBA)						Representative L ₉₀ Sound Pressure Level Spectra (dB) by Octave-Band Center Frequency (Hz)								
		L _{eq}			L ₉₀											
		Avg.	Max.	Min.	Avg.	Max.	Min.	31.5	63	125	250	500	1k	2k	4k	8k
LT1	Day	43	49	29	33	40	25	38	31	27	31	29	22	14	10	10
	Night	33	54	26	26	31	20	35	25	22	27	25	21	13	10	11
LT2	Day	42	50	29	33	44	24	48	45	37	27	28	28	20	14	11
	Night	32	53	25	26	30	20	39	37	32	25	24	16	9	9	10
LT3	Day	52	57	47	32	43	24	43	33	33	35	31	22	13	10	11
	Night	44	54	35	26	32	20	44	41	34	26	23	16	10	10	11
ST1	Day	48	51	41	39	46	35	46	44	46	33	33	34	29	22	15
	Night	45	50	40	37	39	36	42	42	44	32	36	32	23	16	13
ST2	Day	49	51	45	42	39	44	43	40	41	40	42	35	25	18	16
	Night	46	50	44	42	43	42	36	34	50	31	43	32	25	18	16

As shown in Table 5-1, residual ambient sound levels near the proposed Ames Road substation site are quite low with minimum values of 20 dBA at all three locations at night. Sound levels vary at these locations, likely due to intermittent traffic on Frederick Road and Ames Road. In contrast, the sound levels measured adjacent to the existing Marshville substation are consistently higher, indicating that the substation equipment was the dominant source at those locations.







6.0 FUTURE CONDITIONS

6.1 Overview of Sound Sources

The primary sound-generating equipment at the proposed substation will consist of two transformers and four control building HVAC units.⁷ Epsilon estimated sound power levels for the substation transformer using methods outlined in the Electric Power Plant Environmental Noise Guide⁸ based on the MVA and NEMA ratings supplied by National Grid. The HVAC unit sound power level was calculated by Epsilon based on data from an equipment manufacturer. Table 6-1 summarizes the sound power levels used as inputs to the noise model.

Table 6-1 Substation Equipment Sound Power Levels

Equipment	Sound Power Levels (dB) by Octave Band Center Frequency (Hz)									
	Broadband (dBA)	32	63	125	250	500	1k	2k	4k	8k
Transformer ¹	91	88	94	96	91	91	85	80	75	68
HVAC ²	83	-	-	-	-	-	-	-	-	-

Notes:

1. Each transformer will have a power rating of 448 MVA with a manufacturer guaranteed NEMA rating of 70 dBA.
2. Data from Bard for a 6-ton capacity air conditioner with a sound pressure level of 65 dBA at 10 feet. Any HVAC unit meeting this sound level specification or lower will be acceptable.

6.2 Cadna/A Sound Model Parameters

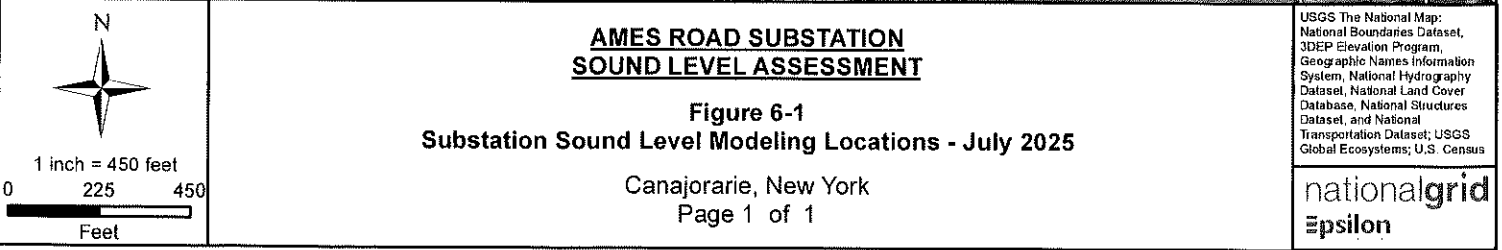
A sound model was developed for the proposed substation using the equipment described in Section 6.1. Sound levels due to the operation of the proposed substation were modeled using Cadna/A noise calculation software (DataKustik Corporation). Cadna/A uses the ISO 9613-2 international standard for sound propagation (Acoustics – Attenuation of sound during propagation outdoors – Part 2: General method of calculation). Cadna/A allows for calculation from multiple sound sources, as well as computation of diffraction, drop-off with distance, ground attenuation, atmospheric absorption, multiple reflections, and barrier effects.

Inputs and significant parameters specified in the model are described below:

⁷ A 300 kW emergency generator will also be located onsite. It will only operate briefly for weekly testing. Due to the infrequent use, it has not been included in the operational substation sound level model.

⁸ Bolt Beranek and Newman Inc. (1984). *Electric Power Plant Environmental Noise Guide* (2nd ed.). Edison Electric Institute.

- *Site Plan:* The locations of the proposed noise-generating equipment was provided by National Grid to Epsilon in a site plan dated November 2024. The modeled locations of the sound sources are shown in Figure 6-1.
- *Modeling Locations:* Sound levels were evaluated at discrete receptor locations modeled at a height of 1.5 meters above ground level which is the approximate ear height of a typical standing observer. These locations represent the nearest residences in the vicinity of the Project site. A total of 10 receptors were included in the model as shown in Figure 6-1.
- *Terrain Elevation:* Elevation contours for the modeling domain were generated with a resolution of 3 meters from elevation information derived from the National Elevation Database (NED) developed by the U.S. Geological Survey and processed by the U.S. Department of Agriculture.
- *Source Sound Levels:* Broadband sound power levels for the proposed noise-generating equipment presented in Table 6-1 were used as input to the noise model. The analysis conservatively assumes all equipment is operating simultaneously at maximum load.
- *Meteorological Conditions:* A temperature of 10°C (50°F) and a relative humidity of 70% was used in the model to minimize atmospheric attenuation in the 500 Hz and 1 kHz octave bands where the human ear is most sensitive. As per ISO 9613-2, the model assumed favorable conditions for sound propagation, corresponding to a moderate, well-developed ground-based temperature inversion, as might occur on a calm, clear night. Predicted sound levels were computed with the assumption that each receptor was always located directly downwind from the substation. While a physical impossibility, this provides conservative results and is required by the ISO 9613-2 standard.
- *Ground Attenuation:* Spectral ground absorption was calculated using a G-factor of 0.5 over land surfaces to represent a moderately reflective surface characterized by a mixture of hard and porous ground, a conservative assumption for much of the year when the ground would be covered in vegetation. There were no water bodies within the receptor evaluation area.



6.3 Sound Mitigation

Two L-shaped sound barriers were included in the model to reduce transformer sound levels at the nearest residences. The barriers are 17.5-foot-tall and surround the transformers on the northwest and southwest sides. Both barriers were modeled as reflective, with an absorption coefficient of 0.21. The barrier locations are shown in Figures 6-1 and 6-2.

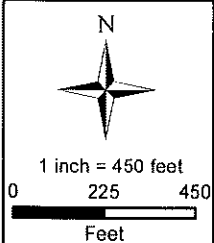
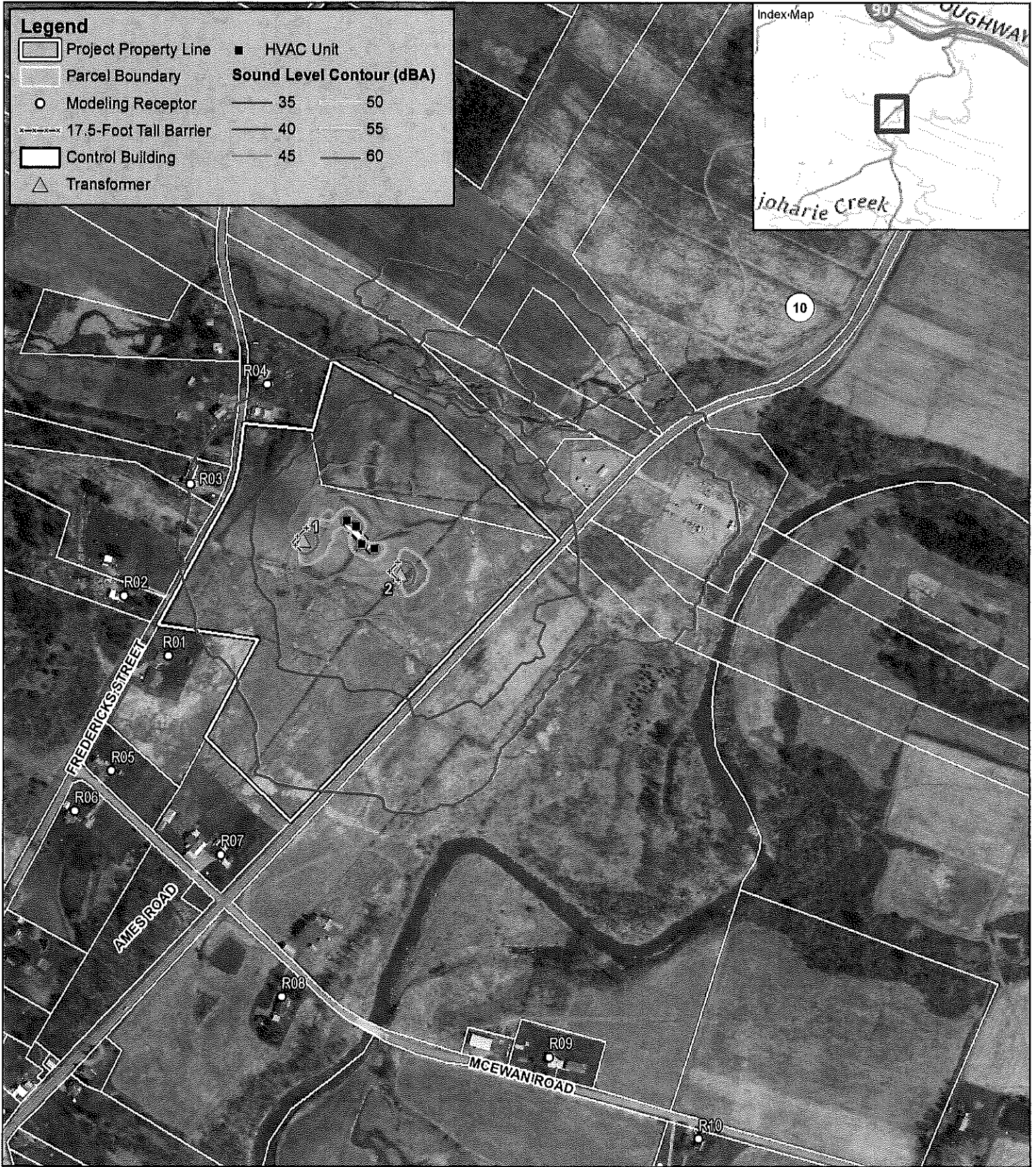
6.4 Predicted Substation Operational Sound Levels

A-weighted sound level modeling results at the 10 modeling receptors are shown in Table 6-2. The values presented in the table are substation-only sound levels and do not include contributions from existing background sources. As shown in the table, the worst-case maximum sound levels with the substation operating at full load are expected to range from 28 to 35 dBA at the closest residences to the proposed substation site.

Figure 6-2 presents a sound level contour map for the substation equipment showing predicted A-weighted L_{eq} sound level isopleths overlaid on aerial imagery of the substation area. The contours displayed in Figure 6-2 do not include any contribution from existing noise sources in the area.

Table 6-2 Sound Level Modeling Results

ID	Coordinates, UTM 18N (meters)		Modeled Broadband Sound Pressure Level L_{eq}
	X (m)	Y (m)	dBA
R01	532214.68	4747565.04	34
R02	532165.78	4747629.93	33
R03	532238.58	4747752.08	35
R04	532322.53	4747860.85	35
R05	532151.80	4747439.45	30
R06	532111.84	4747395.69	29
R07	532272.44	4747348.54	31
R08	532339.38	4747193.67	30
R09	532634.99	4747128.05	31
R10	532799.17	4747038.57	28



AMES ROAD SUBSTATION SOUND LEVEL ASSESSMENT

Figure 6-2
Substation Sound Level Modeling Results - July 2025

Canajoharie, New York
 Page 1 of 1

USGS The National Map:
 National Boundaries Dataset,
 3DEP Elevation Program,
 Geographic Names Information
 System, National Hydrography
 Dataset, National Land Cover
 Database, National Structures
 Dataset, and National
 Transportation Dataset; USGS
 Global Ecosystems; U.S. Census

nationalgrid
epsilon

7.0 EVALUATION OF OPERATIONAL SOUND LEVELS

As discussed in Section 4.2 of this report, the NYS DPS recommends that the sound levels at residences are limited to 40 dBA for nontonal sources and 35 dBA for tonal sources to avoid the potential for adverse noise impacts. The DPS assumes all substation transformers are tonal, therefore, potential noise impacts from the proposed substation have been evaluated against the 35 dBA recommendation.

Table 7-1 shows the modeled sound levels at the closest residences to the proposed substation compared to the 35 dBA limit. Modeled substation-only broadband L_{eq} sound levels meet the 35 dBA sound level limit at all 10 locations evaluated. In addition, as shown in Figure 6-2, modeling indicates that the maximum property line sound level of 45 dBA will be met. Therefore, the proposed substation will meet the NYS DPS sound level design goals for substations. In addition, the sound level contours shown in Figure 6-2 demonstrate show the Project is expected to meet with the 45 dBA property line target.

Table 7-1 Evaluation of Substation Sound Levels

Modeling Location	Modeled Substation Only Sound Level, L_{eq} dBA	Recommended Broadband Sound Limit, dBA	Meets NYS DPS Recommendation?
R01	34	35	YES
R02	33		YES
R03	35		YES
R04	35		YES
R05	30		YES
R06	29		YES
R07	31		YES
R08	30		YES
R09	31		YES
R10	28		YES

8.0 CONCLUSIONS

A comprehensive sound level impact assessment has been conducted for the proposed Marshville substation replacement in the Town of Canajoharie, New York. A baseline sound level measurement program was conducted to quantify existing sound levels in the community. Sound levels from the Project were modeled under worst-case operations and evaluated against the NYS DPS design goals. The maximum sound levels from substation operation are predicted to meet the NYS DPS tonal design goal of 35 dBA at all residences, and the NYS DPS property line design goal of 45 dBA.

Therefore, the operation of the proposed substations will meet all applicable state design goals and local regulatory limits with respect to sound.

Appendix A

NCEI Meteorological Data: NWS Station – Albany International Airport, NY

Appendix A: SUNY MesoNet Meteorological Data (Albany Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation
20240104T000000	2024	01	04	00:00	36.0	70.0	FALSE
20240104T010000	2024	01	04	01:00	36.0	68.5	FALSE
20240104T020000	2024	01	04	02:00	35.5	70.0	TRUE
20240104T030000	2024	01	04	03:00	35.0	70.0	TRUE
20240104T040000	2024	01	04	04:00	34.5	70.0	FALSE
20240104T050000	2024	01	04	05:00	33.0	75.0	FALSE
20240104T060000	2024	01	04	06:00	34.0	75.0	FALSE
20240104T070000	2024	01	04	07:00	33.8	78.3	TRUE
20240104T080000	2024	01	04	08:00	35.0	77.5	TRUE
20240104T090000	2024	01	04	09:00	37.3	72.0	TRUE
20240104T100000	2024	01	04	10:00	39.0	66.5	FALSE
20240104T110000	2024	01	04	11:00	43.0	56.0	FALSE
20240104T120000	2024	01	04	12:00	40.0	53.7	TRUE
20240104T130000	2024	01	04	13:00	39.5	50.5	FALSE
20240104T140000	2024	01	04	14:00	36.0	50.0	FALSE
20240104T150000	2024	01	04	15:00	33.0	47.0	FALSE
20240104T160000	2024	01	04	16:00	31.0	49.0	FALSE
20240104T170000	2024	01	04	17:00	27.0	53.0	FALSE
20240104T180000	2024	01	04	18:00	25.0	53.0	FALSE
20240104T190000	2024	01	04	19:00	24.0	54.0	FALSE
20240104T200000	2024	01	04	20:00	22.0	57.0	FALSE
20240104T210000	2024	01	04	21:00	21.0	59.0	FALSE
20240104T220000	2024	01	04	22:00	20.5	60.5	FALSE
20240104T230000	2024	01	04	23:00	10.0	32.5	FALSE
20240105T000000	2024	01	05	00:00	20.0	65.0	FALSE
20240105T010000	2024	01	05	01:00	19.5	65.0	FALSE
20240105T020000	2024	01	05	02:00	20.0	62.0	FALSE
20240105T030000	2024	01	05	03:00	20.0	62.0	FALSE
20240105T040000	2024	01	05	04:00	19.5	65.0	FALSE
20240105T050000	2024	01	05	05:00	21.0	68.0	FALSE
20240105T060000	2024	01	05	06:00	22.0	66.0	FALSE
20240105T070000	2024	01	05	07:00	23.0	64.3	TRUE
20240105T080000	2024	01	05	08:00	25.0	66.0	TRUE
20240105T090000	2024	01	05	09:00	26.0	69.0	TRUE
20240105T100000	2024	01	05	10:00	27.0	69.0	TRUE
20240105T110000	2024	01	05	11:00	28.0	72.0	TRUE
20240105T120000	2024	01	05	12:00	29.0	69.0	TRUE
20240105T130000	2024	01	05	13:00	29.5	67.5	TRUE
20240105T140000	2024	01	05	14:00	29.0	72.0	TRUE
20240105T150000	2024	01	05	15:00	29.0	75.0	TRUE
20240105T160000	2024	01	05	16:00	29.0	75.0	TRUE
20240105T170000	2024	01	05	17:00	30.0	72.0	TRUE
20240105T180000	2024	01	05	18:00	31.0	61.0	TRUE
20240105T190000	2024	01	05	19:00	31.0	58.5	FALSE
20240105T200000	2024	01	05	20:00	31.0	56.0	FALSE
20240105T210000	2024	01	05	21:00	30.0	58.0	FALSE
20240105T220000	2024	01	05	22:00	30.0	58.0	FALSE
20240105T230000	2024	01	05	23:00	15.0	29.0	FALSE
20240106T000000	2024	01	06	00:00	29.0	63.0	FALSE
20240106T010000	2024	01	06	01:00	28.7	66.0	FALSE
20240106T020000	2024	01	06	02:00	29.0	66.0	FALSE
20240106T030000	2024	01	06	03:00	30.0	66.0	FALSE
20240106T040000	2024	01	06	04:00	30.0	66.0	FALSE
20240106T050000	2024	01	06	05:00	30.0	66.0	FALSE
20240106T060000	2024	01	06	06:00	30.0	67.5	FALSE

Appendix A: SUNY MesoNet Meteorological Data (Albany Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation
20240106T070000	2024	01	06	07:00	29.5	69.0	FALSE
20240106T080000	2024	01	06	08:00	30.0	69.0	FALSE
20240106T090000	2024	01	06	09:00	30.0	66.0	FALSE
20240106T100000	2024	01	06	10:00	31.0	65.0	FALSE
20240106T110000	2024	01	06	11:00	32.0	64.0	FALSE
20240106T120000	2024	01	06	12:00	33.0	61.0	FALSE
20240106T130000	2024	01	06	13:00	33.0	61.0	FALSE
20240106T140000	2024	01	06	14:00	34.0	59.0	FALSE
20240106T150000	2024	01	06	15:00	33.0	64.0	FALSE
20240106T160000	2024	01	06	16:00	33.0	64.0	FALSE
20240106T170000	2024	01	06	17:00	31.5	67.5	TRUE
20240106T180000	2024	01	06	18:00	30.8	77.5	TRUE
20240106T190000	2024	01	06	19:00	30.0	82.0	TRUE
20240106T200000	2024	01	06	20:00	29.0	85.0	TRUE
20240106T210000	2024	01	06	21:00	28.8	89.0	TRUE
20240106T220000	2024	01	06	22:00	28.3	90.3	TRUE
20240106T230000	2024	01	06	23:00	13.5	44.5	TRUE
20240107T000000	2024	01	07	00:00	27.0	92.0	TRUE
20240107T010000	2024	01	07	01:00	27.7	88.7	TRUE
20240107T020000	2024	01	07	02:00	28.0	88.0	TRUE
20240107T030000	2024	01	07	03:00	28.0	91.4	TRUE
20240107T040000	2024	01	07	04:00	28.6	90.2	TRUE
20240107T050000	2024	01	07	05:00	29.0	89.0	TRUE
20240107T060000	2024	01	07	06:00	30.0	85.8	TRUE
20240107T070000	2024	01	07	07:00	30.0	87.3	TRUE
20240107T080000	2024	01	07	08:00	30.0	88.0	TRUE
20240107T090000	2024	01	07	09:00	30.4	91.0	TRUE
20240107T100000	2024	01	07	10:00	31.0	89.0	TRUE
20240107T110000	2024	01	07	11:00	30.7	89.0	TRUE
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20240107T140000	2024	01	07	14:00	30.5	85.5	TRUE
20240107T150000	2024	01	07	15:00	31.0	83.5	TRUE
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20240107T210000	2024	01	07	21:00	32.0	73.0	TRUE
20240107T220000	2024	01	07	22:00	31.5	71.0	TRUE
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20240108T010000	2024	01	08	01:00	29.0	70.5	FALSE
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20240108T030000	2024	01	08	03:00	27.0	72.0	FALSE
20240108T040000	2024	01	08	04:00	27.0	72.0	FALSE
20240108T050000	2024	01	08	05:00	27.0	74.0	FALSE
20240108T060000	2024	01	08	06:00	25.5	75.0	FALSE
20240108T070000	2024	01	08	07:00	25.5	75.0	FALSE
20240108T080000	2024	01	08	08:00	29.0	69.0	FALSE
20240108T090000	2024	01	08	09:00	32.0	66.0	FALSE
20240108T100000	2024	01	08	10:00	33.0	63.5	FALSE
20240108T110000	2024	01	08	11:00	35.0	61.0	FALSE
20240108T120000	2024	01	08	12:00	38.0	57.0	FALSE
20240108T130000	2024	01	08	13:00	38.5	57.0	FALSE

Appendix A: SUNY MesoNet Meteorological Data (Albany Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation
20240108T140000	2024	01	08	14:00	39.0	60.0	FALSE
20240108T150000	2024	01	08	15:00	37.0	62.0	FALSE
20240108T160000	2024	01	08	16:00	36.0	64.5	FALSE
20240108T170000	2024	01	08	17:00	32.0	73.0	FALSE
20240108T180000	2024	01	08	18:00	29.0	78.0	FALSE
20240108T190000	2024	01	08	19:00	30.0	78.5	FALSE
20240108T200000	2024	01	08	20:00	27.0	89.0	FALSE
20240108T210000	2024	01	08	21:00	25.0	88.0	FALSE
20240108T220000	2024	01	08	22:00	24.5	88.0	FALSE
20240108T230000	2024	01	08	23:00	10.5	44.0	FALSE
20240109T000000	2024	01	09	00:00	22.0	89.0	FALSE
20240109T010000	2024	01	09	01:00	21.0	89.0	FALSE
20240109T020000	2024	01	09	02:00	21.0	88.0	FALSE
20240109T030000	2024	01	09	03:00	22.0	89.0	FALSE
20240109T040000	2024	01	09	04:00	22.3	88.8	TRUE
20240109T050000	2024	01	09	05:00	23.8	89.0	TRUE
20240109T060000	2024	01	09	06:00	24.0	91.8	TRUE
20240109T070000	2024	01	09	07:00	24.0	89.5	FALSE
20240109T080000	2024	01	09	08:00	24.5	98.0	FALSE
20240109T090000	2024	01	09	09:00	26.3	82.7	FALSE
20240109T100000	2024	01	09	10:00	26.5	84.5	FALSE
20240109T110000	2024	01	09	11:00	28.0	85.0	FALSE
20240109T120000	2024	01	09	12:00	29.5	85.5	TRUE
20240109T130000	2024	01	09	13:00	30.7	83.0	TRUE
20240109T140000	2024	01	09	14:00	31.5	83.5	TRUE
20240109T150000	2024	01	09	15:00	32.3	85.0	TRUE
20240109T160000	2024	01	09	16:00	33.9	87.9	TRUE
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20240109T210000	2024	01	09	21:00	41.0	86.0	TRUE
20240109T220000	2024	01	09	22:00	42.0	85.0	TRUE
20240109T230000	2024	01	09	23:00	21.0	44.5	TRUE
20240110T000000	2024	01	10	00:00	43.5	89.0	TRUE
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20240110T030000	2024	01	10	03:00	44.0	93.0	TRUE
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20240110T120000	2024	01	10	12:00	0.0	0.0	FALSE
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20240110T140000	2024	01	10	14:00	0.0	0.0	FALSE
20240110T150000	2024	01	10	15:00	0.0	0.0	FALSE
20240110T160000	2024	01	10	16:00	0.0	0.0	FALSE
20240110T170000	2024	01	10	17:00	0.0	0.0	FALSE
20240110T180000	2024	01	10	18:00	0.0	0.0	FALSE
20240110T190000	2024	01	10	19:00	0.0	0.0	FALSE
20240110T200000	2024	01	10	20:00	0.0	0.0	FALSE

Appendix A: SUNY MesoNet Meteorological Data (Albany Station)

[illegible]



EXISTING CONDITION

Viewpoint 1- McEwan Road (east of Ames Road)

Photograph Information

Date: December 4, 2024

Time: 12:18 PM

Latitude, Longitude: 41° 58' 59.4" N, 73° 58' 54.4" W

Note:

Transmission line connection design drawings were not available at the time of production. Therefore they are not represented in the simulations.

Ames Road Substation Project

Town of Canajoharie, Montgomery County, NY



PROPOSED CONDITION
Viewpoint 1- McEwan Road (east of Ames Road)

Photograph Information
Date: December 4, 2024
Time: 12:18 PM
Latitude, Longitude: 41° 58' 59.4" N, 73° 58' 54.4" W

Ames Road Substation Project
Town of Canajoharie, Montgomery County, NY



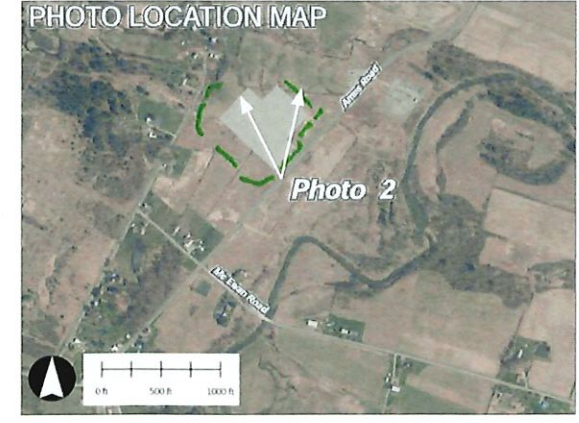
PROPOSED CONDITION (First year of Mitigation Planting)
Viewpoint 1- McEwan Road (east of Ames Road)

Photograph Information
Date: December 4, 2024
Time: 12:18 PM
Latitude, Longitude: 41° 58' 59.4" N, 73° 58' 54.4" W

Ames Road Substation Project
Town of Canajoharie, Montgomery County, NY



PROPOSED CONDITION (Year 3-5 of Mitigation Planting)
Viewpoint 1- McEwan Road (east of Ames Road)



EXISTING CONDITION

Viewpoint 2- Ames Road (at Proposed Substation access drive)



PROPOSED CONDITION
Viewpoint 2- Ames Road (at Proposed Substation access drive)



PROPOSED CONDITION (First year of Mitigation Planting)
Viewpoint 2- Ames Road (at Proposed Substation access drive)



PROPOSED CONDITION (Year 3-5 of Mitigation Planting)
Viewpoint 2- Ames Road (at Proposed Substation access drive)



EXISTING CONDITION
Viewpoint 3 - Ames Road (north of McEwan Rd)



PROPOSED CONDITION

Viewpoint 3 - Ames Road (north of McEwan Rd)



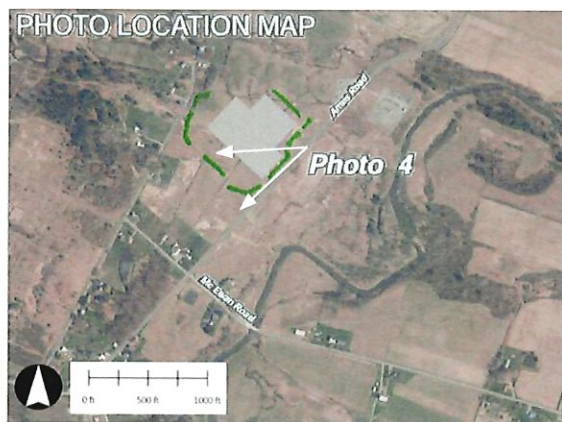
PROPOSED CONDITION (First year of Mitigation Planting)
Viewpoint 3 - Ames Road (north of McEwan Rd)

Photograph Information
Date: December 4, 2024
Time: 12:18 PM
Latitude, Longitude: 41° 58' 59.4" N, 73° 58' 54.4" W



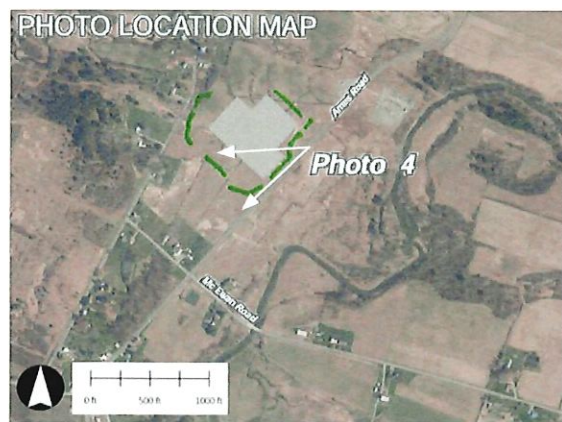
PROPOSED CONDITION (Year 3-5 of Mitigation Planting)
Viewpoint 3 - Ames Road (north of McEwan Rd)

Photograph Information
Date: December 4, 2024
Time: 12:18 PM
Latitude, Longitude: 41° 58' 59.4" N, 73° 58' 54.4" W

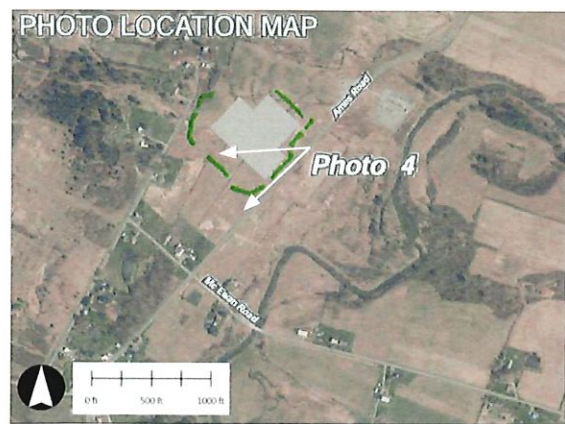


EXISTING CONDITION

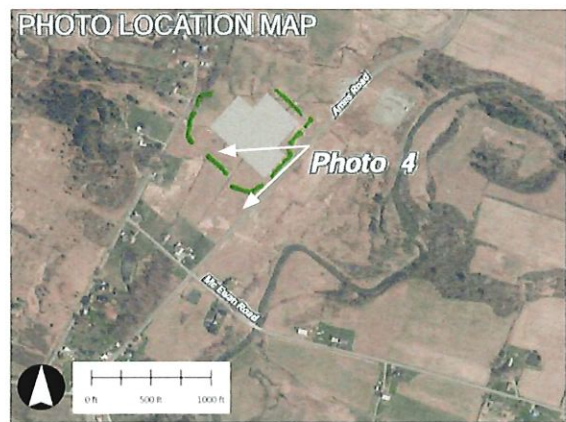
Viewpoint 4 - Ames Road (south of existing substation)



PROPOSED CONDITION
Viewpoint 4 - Ames Road (south of existing substation)



PROPOSED CONDITION (First year of Mitigation Planting)
Viewpoint 4 - Ames Road (south of existing substation)



PROPOSED CONDITION (*Year 3-5 of Mitigation Planting*)
Viewpoint 4 - Ames Road (south of existing substation)