TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS

PROJECT NAME:	**TRIDENT – EV CHARGING STATION**
PROJECT NO.:	**26-04**
PROJECT LOCATION:	**142 Route 17K** **SECTION 95, BLOCK 1, LOT 63.1**
REVIEW DATE:	**2 MARCH 2026**
MEETING DATE:	**5 MARCH 2026**
PROJECT REPRESENTATIVE:	**APEX ENERGY TEK, LLC – GREG DEMARSE**

1. The application is for an amended site plan to place two EV charging stations (4 charging parking spots) on the subject parcel.

2. Project is an initial appearance before the Board. Adjoiners Notices must be circulated.

3. A site plan should be prepared depicting items required in the Site Plan Checklist.

4. County Planning referral is required as amended site plan is located on a State Highway.

Respectfully submitted,

MHE Engineering, D.P.C.

Patrick J. Hines
Principal

Michael W. Weeks, PE
Principal

PJH/kmm

NEW YORK OFFICE
33 Airport Center Drive, Suite 202, New Windsor, NY 12553
845-567-3100 | F: 845-567-3232 | mheny@mhepc.com

PENNSYLVANIA OFFICE
111 Wheatfield Drive, Suite 1, Milford, PA 18337
570-296-2765 | F: 570-296-2767 | mhepa@mhepc.com

TOWN OF NEWBURGH
APPLICATION FOR
SUBDIVISION/SITE PLAN REVIEW

RETURN TO: Town of Newburgh Planning Board
21 Hudson Valley Professional Plaza
Newburgh, New York 12550

DATE RECEIVED: _____ **TOWN FILE NO:** 26-04
(Application fee returnable with this application)

1. **Title of Subdivision/Site Plan (Project name):**
   Trident 142 Route 17K

2. **Owner of Lands to be reviewed:**
   Name Paul Hoffner
   Address 142 Route 17K
   Newburgh, NY 12550
   Phone 845-564-3000
   Email phoffner@johnherbertcompany.com

   JPE
   FEB - 2 2020

3. **Applicant Information (If different than owner):**
   Name Greg Demarse - Apex Energy Tek
   Address 64 Main Street Queensbury 12804

   Representative Apex Energy Tek, LLC
   Phone 518-415-5703
   Email permitting@apexsolarpower.com

4. **Subdivision/Site Plan prepared by:**
   Name Matt Hebner - TERAWATT Engineering
   Address 1020 S Rock Hill Road
   Saint Louis, MO, 63119

   Phone 636-219-2054
   Email matt@terawatteng.com

5. **Location of lands to be reviewed:**
   142 Route 17K

6. **Zone** _____ **Fire District** _____
   Acreage _____ **School District** _____

7. **Tax Map: Section** 95 **Block** 1 **Lot** 63.1

Upon initial review of a Short Form EAF, the Planning Board may require specific additional environmental information or the preparation of a Long Form. Long Form part 1 should be completed by the applicant. The Board will review and may modify Part 2 prior to making a decision on the SEQRA aspect of the project.

All fees for consulting and professional services that the Planning Board incurs during the review of the applications will be the responsibility of the applicant. An advance deposit for these fees will be required and will be placed in an escrow account with the Town. If the escrow account falls below 40% of the initial deposit, the Planning Board may, if recommended by the consulting engineer, planner or attorney, require that the applicant pay additional funds into the escrow account up to 75% of the initial deposit.

JOHN P. EWASUTYN, Chairman
Town of Newburgh Planning Board

8. **Project Description and Purpose of Review:**
   Number of existing lots_____**Number of proposed lots** _____
   Lot line change _____
   Site plan review _____
   Clearing and grading _____
   Other Commercial Ev chargers level 3

PROVIDE A WRITTEN SINGLE PAGE DESCRIPTION OR NARRATIVE OF THE PROJECT

9. **Easements or other restrictions on property:**
   (Describe generally) Installation of 2 240kw DCFC dual port EV chargers and new 600a 277/480v service

10. **The undersigned hereby requests approval by the Planning Board of the above identified application and scheduling for an appearance on an agenda:**

Signature: Greg Demarse **Title** Agent

Print Name: Greg Demarse

Date: 12/15/2025

NOTE: If property abuts and has its access to a County or State Highway or road, the following information must be placed on the subdivision map or site plan: entrance location, entrance profile, sizing of pipe (minimum length of pipe to be 24 feet).

The applicant will also be required to submit an additional set of plans, narrative letter and EAF if referral to the Orange County Planning Department is required under General Municipal Law Section 239.

TOWN OF NEWBURGH PLANNING BOARD

PROJECT NAME: Trident 142 Route 17K

CHECKLIST FOR MAJOR/MINOR SUBDIVISION AND/OR SITE PLAN

I. The following items shall be submitted with a COMPLETED Planning Board Application Form.

1. X **Environmental Assessment Form As Required**
2. X **Proxy Statement**
3. X **Application Fees**
4. X **Completed Checklist (Automatic rejection of application without checklist)**

II. The following checklist items shall be incorporated on the Subdivision Plat or Site Plan prior to consideration of being placed on the Planning Board Agenda. Non-submittal of the checklist will result in rejection of the application.

1. x **Name and address of applicant**
2. x **Name and address of owner (if different from applicant)**
3. X **Subdivision or Site Plan and Location**
4. x **Tax Map Data (Section-Block-Lot)**
5. ____ **Location map at a scale of 1" = 2,000 ft. or less on a tax map or USCGS map base only with property outlined**
6. ____ **Zoning table showing what is required in the particular zone and what applicant is proposing. A table is to be provided for each proposed lot**
7. ____ **Show zoning boundary if any portion of proposed site is within or adjacent to a different zone**
8. x **Date of plan preparation and/or plan revisions**
9. x **Scale the plan is drawn to (Max 1" = 100')**
10. x **North Arrow pointing generally up**

11.____ Surveyor's Certification

12.____ Surveyor's seal and signature

13.____Name of adjoining owners

14.____Wetlands and buffer zones with an appropriate note regarding D.E.C. or A.C.O.E. requirements

15.____Flood plain boundaries

16. N/A Certified sewerage system design and placement by a Licensed Professional Engineer must be shown on plans in accordance with Local Law #1 1989

17.____ Metes and bounds of all lots

18.____ Name and width of adjacent streets; the road boundary is to be a minimum of 25 ft. from the physical center line of the street

19.____ Show existing or proposed easements (note restrictions)

20. N/A Right-of-way width and Rights of Access and Utility Placement

21. N/A Road profile and typical section (minimum traveled surface, excluding shoulders, is to be 18 ft. wide)

22. N/A Lot area (in sq. ft. for each lot less than 2 acres)

23. N/A Number of lots including residual lot

24. N/A Show any existing waterways

25. N/A A note stating a road maintenance agreement is to be filed in the County Clerk's Office where applicable

26. N/A Applicable note pertaining to owners review and concurrence with plat together with owner's signature

27. X Show any improvements, i.e. drainage systems, water lines, sewer lines, etc.

28.____Show all existing houses, accessory structures, wells and septic systems on and within 200 ft. of the parcel to be subdivided

29.____ Show topographical data with 2 ft. contours on initial submission

30.____ Compliance with the Tree Preservation Ordinance Code Section

31. x Indicate any reference to a previous subdivision, i.e. filed map number, date and previous lot number

32. N/A If a private road, Town Board approval of name is required, and notes on the plan that no town services will be provided and a street sign (per town specs) is to be furnished and installed

33. 0 Number of acres to be cleared or timber harvested

34. 0 Estimated or known cubic yards of material to be excavated and removed from the site

35. 0 Estimated or known cubic yards of fill required

36. 0 The amount of grading expected or known to be required to bring the site to readiness

37.____Type and amount of site preparation which falls within the buffer strip of wetlands or within the Critical Environmental Area. Please explain in sq. ft. or cubic yards.

_____

_____

38.____Any amount of site preparation within a 100 year floodplain or any water course on the site. Please explain in sq. ft. or cubic yards.

_____

_____

39.____List of property owners within 500 feet of all parcels to be developed (see attached statement).

The plan for the proposed subdivision or site has been prepared in accordance with this checklist.

By: _____
Licensed Professional -Signature

Print Name: Nandu Balachandran

Date: 11/13/2025

This list is designed to be a guide ONLY. The Town of Newburgh Planning Board may require additional notes or revisions prior to granting approval.

Date Prepared:_____

STATEMENT TO APPLICANTS

RE: TOWN OF NEWBURGH CLEARING AND GRADING LAW

The Town of Newburgh Clearing and Grading Control Law Chapter 83 requires a separate permit for most site preparation activities, including clearing, grading, tree cutting, excavating and filling. Site preparation activities performed following site plan or subdivision approval by the Planning Board may by exempt from the permit application, public hearing, fee and bonding requirements of the law provided the subdivision or site plan application has been reviewed for conformance with the clearing and grading law and the approval conditioned on compliance with the standards set forth in the law.

Completion of the attached form will enable the Planning Board to review your application for conformance with the law's requirements. In the event it is not completed you many be required to apply for a separated permit for your site preparation activities. A sediment and erosion control plan, SWPPP, and a plan showing the areas to be cleared, filled, graded or subjected to tree cutting, the types of vegetation affected and the proposed disposition of the destroyed vegetation must accompany the form. A SEQRA long form or full EAF should be utilized to discuss any environmental impacts and must accompany the application.

TOWN OF NEWBURGH

APPLICATION FOR CLEARING AND GRADING

Name of applicant: Greg Demarse- Apex Energy Tek

Name of owner on premises: Paul Hoffner

Address of owner: 142 Route 17K Newburgh, NY 12550

Telephone number of owner: 845-564-3000

Telephone number of applicant: 518-415-5703

State whether applicant is owner, lessee, agent, architect, engineer or contractor:

Agent

Location of land on which proposed work will be done: _____

_____

Section: 95 **Block:** 1 **Lot:** 63.1 **Sub. Div.:** _____

Zoning District of Property: _____ **Size of Lot:** _____

Area of lot to be cleared or graded: _____

Proposed completion of date: _____

EAF: Time of year limitations exist for Threatened and Endangered Species-

Identify Species & dates if applicable:

_____

Name of contractor/agent, if different than owner: ApexEnergy Tek, LLC

Address: 64 Main Street Queensbury, NY 12804

Telephone number: 518-415-5703

Date of Planning Board Approval: _____ **(if required)**

I hereby agree to hold the Town of Newburgh harmless from any claims arising from the proposed activity.

Signature of owner: _____ **Date:** 12/15/2025

Signature of applicant (if different than owner): Greg Demarse

TOWN ACTION:

Examined: _____ **20** _____

Approved: _____ **20** _____

Disapproved: _____ **20** _____

FEE LAW SUMMARY

PENDING APPLICATIONS

All applicants with matters pending before the Planning Board as of the effective date of this local law shall be required to post as escrow in the manner and upon the terms and conditions set forth below:

(a) The Planning Board, in consultation with the applicant, shall compute the amount of the escrow to be posted with the Town. Such amount shall be reasonably related to the costs attendant to the Town's review of the application as of the effective date of this local law. Under no circumstances shall the escrow include amounts attributable to any costs incurred by the Town prior to the effective date of this local law.

(b) Once computed and established by Resolution of the Planning Board, the applicant shall, within fifteen (15) days of said resolution, post escrow fees with the Secretary of the Planning Board. Failure to deliver the said escrow fees may result in delay of the further processing of the application.

SEVERABILITY

In the event a court of law determined that any provision of this chapter is unenforceable, then only that provision shall be affected and all other provisions shall be fully enforceable.

EFFECTIVE DATE:

This local law shall take effect immediately upon filing in the Office of the Secretary of State.

FEE ACKNOWLEDGEMENT

The Town of Newburgh Municipal Code sets forth the schedule of fees for applications to the Planning Board. The signing of this application indicates your acknowledgement of responsibility for payment of these fees to the Planning Board for review of this application, including, but not limited to escrow fees for professional services (planner/consultant, engineering, legal, landscape consultant, traffic consultant), public hearing and site inspection.

Applicant's submissions and resubmissions are not complete and will not be considered by the planning board or placed upon its agenda unless all outstanding fees have been paid. Fees incurred after the stamping of plans will remain the responsibility of the applicant prior to approval of a building permit or certificate of occupancy. Fee schedules are available from the Planning Board Secretary and are on the Town's website.

Town of Newburgh Code Chapter 104-2. Planning, Zoning and Building fees, Section E(2)(e) states: If the escrow account falls below 40% of the initial deposit, the Planning Board may, if recommended by the consulting engineer, planner or attorney, require that the applicant pay additional funds into the escrow account up to 75% of the initial deposit.

Greg Demarse

APPLICANT'S SIGNATURE

Greg Demarse

APPLICANT'S NAME-- PRINTED

12/15/2025

DATE

PROXY

(OWNER) PaulHoffner, DEPOSES AND SAYS THAT HE/SHE

RESIDES AT 6 Still Hollow Rd. Newburgh, N.Y. 12550

IN THE COUNTY OF Orange

AND STATE OF New York

AND THAT HE/~~SHE~~ IS THE OWNER IN FEE OF:
Address: 142 Route 17K Newburgh, NY 12550

Section 95 Block 1 Lot 63.1
WHICH IS THE PREMISES DESCRIBED IN THE FOREGOING

APPLICATION AS DESCRIBED THEREIN TO THE TOWN OF NEWBURGH

PLANNING BOARD AND Apex Energy Tek, LLC IS AUTHORIZED

TO REPRESENT THEM AT MEETINGS OF SAID BOARD.

DATED: 12/4/25

OWNERS SIGNATURE

Paul Hoffner, Member

142 Route 17K Property, LLC
OWNERS NAME (printed)

Greg Demarse- Apex Energy Tek

NAMES OF ADDITIONAL
REPRESENTATIVES

Robert Schroeder

WITNESS' SIGNATURE

Robert Schroeder, Jr.

WITNESS' NAME (printed)

STATE OF NEW YORK)
)SS.:
COUNTY OF ORANGE)

On the 4th day of Dec. 2025, before me, the undersigned, a Notary Public in and for said State, personally appeared, Paul J. Hoffner, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

NOTARY PUBLIC

Maria J Zaharek

MARIA J. ZAHAREK
Notary Public-State of New York
No. 01ZA5078371
Qualified in Ulster County
Commission Expires May 27, 2027

PLANNING BOARD DISCLAIMER STATEMENT
TO APPLICANTS

The applicant is advised that the Town of Newburgh Municipal Code, which contains the Town's Zoning Law, is subject to amendment. Submission of an application to this Board does not grant the applicant any right to continued review under the Code's current standards and requirements. It is possible that the applicant will be required to meet changed standards or new Code requirements made while the application is pending.

An approval by this Board does not constitute permission, nor grant any right to connect to or use municipal services such as sewer, water or roads. It is the applicant's responsibility to apply for and obtain the Town of Newburgh and other agency approvals not within this Board's authority to grant.

The applicant hereby acknowledges, consents, and agrees to the above.

12/15/2025
DATED

Greg Demarse
APPLICANT'S SIGNATURE

Greg Demarse
APPLICANT'S NAME - PRINTED

DISCLOSURE ADDENDUM STATEMENT TO APPLICATION, PETITION AND REQUEST

Mindful of the provisions of Section 809 of the General Municipal Law of the State of New York, and of the Penal provisions thereof as well, the undersigned applicant states that no State Officer, Officer or Employee of the Town of Newburgh, or Orange County, has any interest, financial or otherwise, in this application or with, or in the applicant as defined in said Statute, except the following person or persons who is or are represented to have only the following type of interest, in the nature and to the extent hereinafter indicated:

X **NONE**

_____ **NAME, ADDRESS, RELATIONSHIP OR INTEREST**
(financial or otherwise)

_____

_____

_____

This disclosure addendum statement is annexed to and made a part of the petition, application and request made by the undersigned applicant to the following Board or Officer of the Town of Newburgh.

_____ **TOWN BOARD**
_____ **PLANNING BOARD**
_____ **ZONING BOARD OF APPEALS**
_____ **ZONING ENFORCEMENT OFFICER**
_____ **BUILDING INSPECTOR**
_____ **OTHER**

12/15/2025
DATED

Greg Demarse- Apex Energy Tek
INDIVIDUAL APPLICANT

CORPORATE OR PARTNERSHIP APPLICANT

BY: _____

TITLE: _____

PRINT: _____

AGRICULTURAL NOTE

(Required to be placed on all plans where property lies within 500 feet of land in active agricultural production or operation)

Property adjacent to lots (__) is in active agricultural operation and production and residents must be aware that such property is protected by New York State "Right to Farm Laws" as regulated by the Department of Agriculture and Markets. From time to time during and prior to the normal growing season land and crops may be sprayed from the ground or by air, manure may be applied, and periodic noise may occur from machinery operation at various times throughout the day. Residents should be aware of this action by the adjacent property owners.

( ) Specific lots adjacent to the active farming area which are impacted shall be inserted in this space.

AGRICULTURAL DATA STATEMENT

(Required pursuant to Agricultural and Markets Law §305-a for applications for site plan approvals, use variances and subdivision approvals that will occur on property within a County Agricultural District containing an active farm operation or on property with boundaries within five hundred feet of an active farm operation located in a County Agricultural District)

Name and address of the applicant: Greg Demarse- Apex Energy Tek
64 Main Street Queensbury, NY 12804

Description of the proposed project: Commercial

Location of the proposed project: 142 Route 17K Newburgh, NY 12550

Name(s) and address(es) of any owner(s) of land within a County Agricultural District containing active farming operations and located within five hundred feet of the boundary of the project property: Greg Apex Energy Tek

A tax map or other map showing the site of the proposed project relative to the location of the identified farm operations must be attached to this form.

Greg Demarse
APPLICANT'S SIGNATURE

Greg Demarse
APPLICANT'S NAME - PRINTED

12/15/2025
DATE

ARCHITECTURAL REVIEW

The Town of Newburgh Planning Board had been authorized to act as the Architectural Review Board for all: site plans, projects involving ten or more dwelling units, and any construction that would affect the character of a neighborhood under Section §185-59 of the Town Code (Zoning Law).

In order to perform this task, at some point prior to final approval, the applicant shall provide the Planning Board with elevations of buildings for all sides and a written (separately or on drawings) description of the materials, colors and textures to be used in construction. All signs are subject to architectural review as part of any Site Plan approval. Signage plans including size, height, color, logos and location must be included in the ARB Submission. Plans shall also include topographical information and any screening of portions of the buildings, either existing or proposed.

Samples of the material and colors to be used shall either be submitted to the Planning Board or brought to the meeting at which architectural review will be discussed.

ARCHITECTURAL REVIEW FORM
TOWN OF NEWBURGH PLANNING BOARD

DATE: 12/15/2025

NAME OF PROJECT: Trident 142 Rt 17K

The applicant is to submit in writing the following items prior to signing of the site plans.

EXTERIOR FINISH (skin of the building):

Type (steel, wood, block, split block, etc.)

_____

COLOR OF THE EXTERIOR OF BUILDING:

_____

ACCENT TRIM:

Location: _____

Color: _____

Type (material): _____

PARAPET (all roof top mechanicals are to be screened on all four sides):

_____

ROOF:

Type (gabled, flat, etc.): _____

Material (shingles, metal, tar & sand, etc.): _____

Color: _____

WINDOWS/SHUTTERS:

Color (also trim if different): _____

Type: _____

DOORS:

Color: _____

Type (if different than standard door entrée): _____

SIGN:

Color: _____

Material: _____

Square footage of signage of site: _____

Height: _____

Greg Demarse- Apex Energy Tek

Name and Title (owner, agent, builder, superintendent of job, etc.)- Printed

Greg Demarse

Applicant's Signature

LIST OF ADJACENT PROPERTY OWNERS

Within ten business days following the applicant's first appearance before the Planning Board, the applicant shall forward a letter prepared by the Planning Board or an authorized agent of the Planning Board to all property owners within 500 feet of the land involved in the application, as the names of such owners appear on the last completed assessment roll of the Town, notifying the property owners of the receipt of the plat and application, by first class mail. **The list of property owners shall be provided to the applicant from the Planning Board, through the Town Assessor's office.**

The mailings shall be prepared and delivered to the Town Hall for physical mailing by designated town personnel. Town personnel will provide an affidavit of mailing which must be delivered to the Planning Board.

Further appearances before the Planning Board shall be prohibited until an affidavit meeting the requirements has been delivered. In the event a modification to an application proposes an increase in the number of lots or the relocation of a proposed road or drainage basin to a location adjacent to an adjoining property, then a supplementary letter shall be required to be forwarded in the same manner advising of the modification.

JPE
FEB - 2 2026
TOWN OF NEWBURGH
PLANNING DEPT.

PROXY

(OWNER) PaulHoffner, DEPOSES AND SAYS THAT HE/SHE

RESIDES AT 6 Still Hollow Rd. Newburgh, N.Y. 12550

IN THE COUNTY OF Orange

AND STATE OF New York

AND THAT HE/~~SHE~~ IS THE OWNER IN FEE OF:
Address: 142 Route 17K Newburgh, NY 12550

Section 95 Block 1 Lot 63.1
WHICH IS THE PREMISES DESCRIBED IN THE FOREGOING

APPLICATION AS DESCRIBED THEREIN TO THE TOWN OF NEWBURGH

PLANNING BOARD AND Apex Energy Tek, LLC IS AUTHORIZED

TO REPRESENT THEM AT MEETINGS OF SAID BOARD.

DATED: 12/4/25

OWNERS SIGNATURE

Paul Hoffner, Member
142 Rte 17K Property LLC
OWNERS NAME (printed)

Greg Demarse- Apex Energy Tek

NAMES OF ADDITIONAL
REPRESENTATIVES

Robert Schroeder Jr
WITNESS' SIGNATURE

Robert Schroeder, Jr.
WITNESS' NAME (printed)

STATE OF NEW YORK)
)SS.:
COUNTY OF ORANGE)

On the 4th day of Dec. 2025, before me, the undersigned, a Notary Public in and for said State, personally appeared, Paul S. Hoffner, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

NOTARY PUBLIC Maria J Zaharek

MARIA J. ZAHAREK
Notary Public-State of New York
No. 01ZA5078371
Qualified in Ulster County
Commission Expires May 27, 2027

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 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Trident Charger 142 Rt17K		
Project Location (describe, and attach a general location map): 142 Route 17K Newburgh NY 12550		
Brief Description of Proposed Action (include purpose or need): Installation of 2 240kw DCFC dual port EV chargers and a new 600a 277/480v service		
Name of Applicant/Sponsor: Greg Demarse	Telephone: 518-415-5703 E-Mail: permititng@apexsolarpower.com	
Address: 64 Main Street		
City/PO: Queensbury	State: NY	Zip Code: 12804
Project Contact (if not same as sponsor; give name and title/role): Greg Demarse	Telephone: 518-415-5703 E-Mail: permititng@apexsolarpower.com	
Address: 64 Main Street		
City/PO: Queensbury	State: NY	Zip Code: 12804
Property Owner (if not same as sponsor): Paul Hoffner (142 Route 17K Property LLC)	Telephone: 858-977-1777 E-Mail:	
Address: 142 Route 17K		
City/PO: Newburgh	State: NY	Zip Code: 12550

JPE
FEB - 2 2026

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	**If Yes: Identify Agency and Approval(s) Required**	**Application Date (Actual or projected)**
a. City Counsel, Town Board, or Village Board of Trustees ☐Yes☑No		
b. City, Town or Village Planning Board or Commission ☐Yes☑No		
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		
h. Federal agencies ☐Yes☑No		
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? • **If Yes,** complete sections C, F and G. • **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1	☐Yes☑No
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? If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	☐Yes☑No ☐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?) If Yes, identify the plan(s):	☐Yes☑No
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? If Yes, identify the plan(s):	☐Yes☑No

C.3. Zoning

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

_____

_____

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

c. Is a zoning change requested as part of the proposed action? ☐Yes☐No
If Yes,
i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

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

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

_____

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

_____

d. What parks serve the project site?

_____

_____

D. Project Details

D.1. Proposed and Potential Development

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

_____

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

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

d. Is the proposed action a subdivision, or does it include a subdivision? ☐Yes☐No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

_____

ii. Is a cluster/conservation layout proposed? ☐Yes☐No
iii. Number of lots proposed? _____
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? ☐Yes☒No
i. If No, anticipated period of construction: _____ months
ii. If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

_____

_____

f. Does the project include new residential uses? ☐Yes ☑No

If Yes, show numbers of units proposed.

	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,

i. Total number of structures _____

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

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

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

If Yes,

i. Purpose of the impoundment: _____

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

_____

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

_____

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

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

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

_____

D.2. Project Operations

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

If Yes:

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

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

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

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

_____

_____

iv. Will there be onsite dewatering or processing of excavated materials? ☐Yes ☑No

If yes, describe. _____

_____

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

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

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

viii. Will the excavation require blasting? ☐Yes ☑No

ix. Summarize site reclamation goals and plan: _____

_____

_____

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

If Yes:

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

_____

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

_____

_____

_____

_____

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

If Yes, describe: _____

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

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____

_____

- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

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

_____

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

If Yes:

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

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

If Yes:

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

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

If Yes:

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

_____

- Source(s) of supply for the district: _____

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

If, Yes:

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

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

_____

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

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

If Yes:

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

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

_____

_____

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

If Yes:

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

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

If Yes:

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

_____

_____

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

If Yes:

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

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

_____

_____

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

_____

_____

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

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. _____

_____

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)?

_____

_____

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

_____

_____

- Will stormwater runoff flow to adjacent properties? ☐Yes ☑No

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

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

If Yes, identify:

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

_____

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

_____

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

_____

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

If Yes:

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) ☐Yes ☑No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (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: _____
- Saturday: _____
- Sunday: _____
- Holidays: _____

ii. During Operations:

- Monday - Friday: _____
- Saturday: _____
- Sunday: _____
- Holidays: _____

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☐ Yes ☒ No

If yes:

i. Provide details including sources, time of day and duration:

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

Describe:

n. Will the proposed action have outdoor lighting? ☐ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

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

Describe:

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☐ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☐ No

If Yes:

i. Product(s) to be stored

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally, describe the proposed storage facilities:

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

If Yes:

i. Describe proposed treatment(s):

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

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☐ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction:
- Operation:

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

- Construction:
- Operation:

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

If Yes:

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

ii. Anticipated rate of disposal/processing:

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

iii. If landfill, anticipated site life: _____ years

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

If Yes:

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

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

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

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

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

If Yes: provide name and location of facility: _____

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

E. Site and Setting of Proposed Action

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

a. Existing land uses.

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

☐ Urban ☐ Industrial ☐ Commercial ☐ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

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

c. Is the project site presently used by members of the community for public recreation? ☐Yes ☐No

i. If Yes: explain: _____

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

If Yes,

i. Identify Facilities:

_____

_____

e. Does the project site contain an existing dam? ☐Yes ☒No

If Yes:

i. Dimensions of the dam and impoundment:

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

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

_____

_____

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

If Yes:

i. Has the facility been formally closed? ☐Yes ☐ No

- If yes, cite sources/documentation: _____

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

_____

_____

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): 336089, 336088

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

_____

_____

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

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

E.2. Natural Resources On or Near Project Site

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

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

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

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

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

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

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

h. Surface water features.

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

ii. Do any wetlands or other waterbodies adjoin the project site? ☑Yes ☐No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

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

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

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

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐Yes ☑No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

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

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

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

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☐Yes ☑No
If Yes:

i. Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site: _____

n. Does the project site contain a designated significant natural community? ☐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): _____

Upland Sandpiper, Indiana 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: _____

b. Are agricultural lands consisting of highly productive soils present? ☐Yes ☐No

i. If Yes: acreage(s) on project site? _____

ii. Source(s) of soil rating(s): _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐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? ☑ Yes ☐ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☐ Historic Building or District

ii. Name: Belknap Stone House

iii. Brief description of attributes on which listing is based:

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? ☐ Yes ☐ No

If Yes:

i. Describe possible resource(s):

ii. Basis for identification:

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☐ Yes ☐ No

If Yes:

i. Identify resource:

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):

iii. Distance between project and resource: _____ miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

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

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.

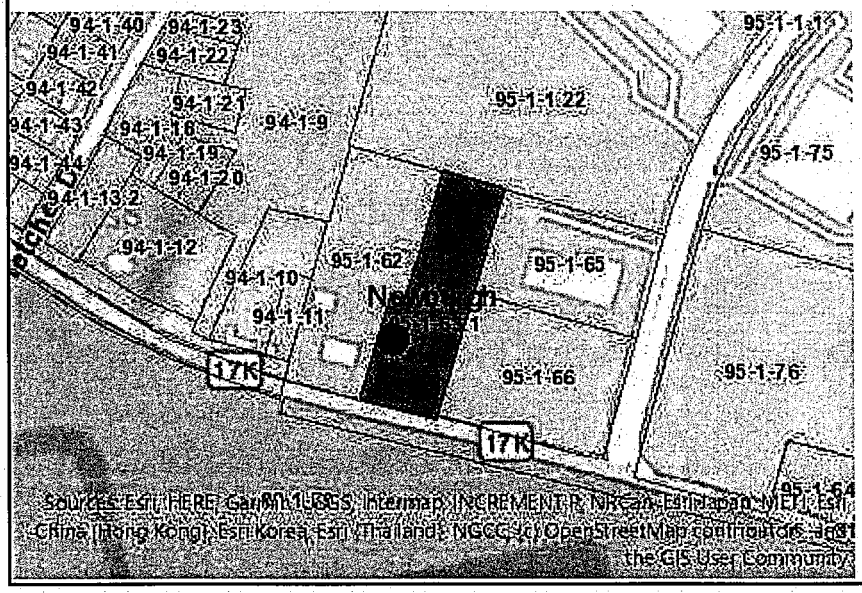
Applicant/Sponsor Name Greg Demarse Date 12/15/2025

Signature Greg Demarse Title Applicant

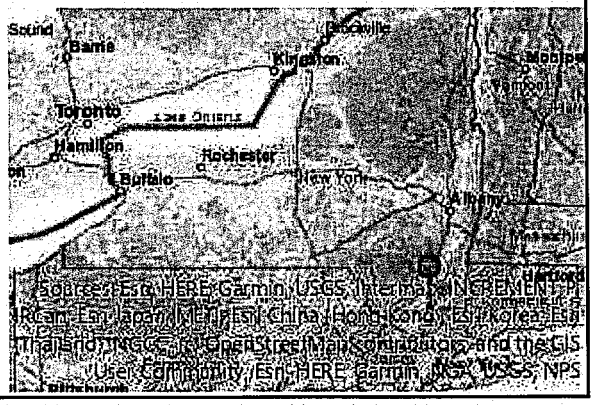
PRINT FORM

EAF Mapper Summary Report

Monday, December 15, 2025 8:41 AM



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



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	336089, 336088
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

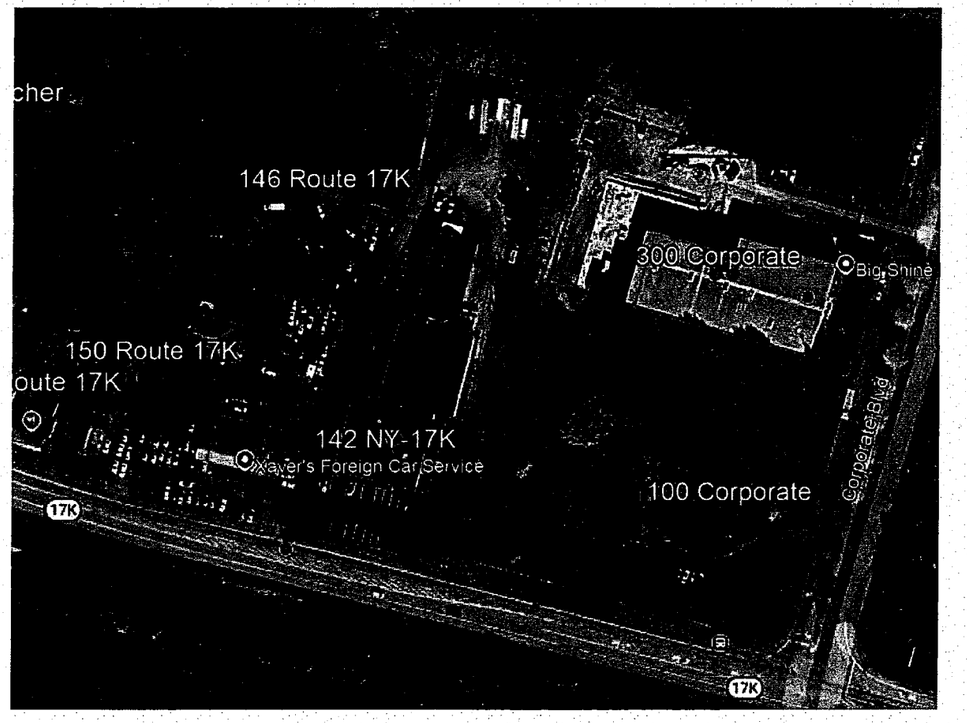
EV-L25029-01

TRIDENT 142 ROUTE 17K

PROJECT INFORMATION

PROJECT NAME	:	TRIDENT 142 ROUTE 17K
JOB SITE ADDRESS	:	142 ROUTE 17K, NEWBURGH, NY 12550
ELECTRICAL NEEDS	:	NEW 600 AMP 277/480V SERVICE
INSTALLATION FOR	:	ELECTRIC VEHICLE LEVEL 3 CHARGERS
ABOVE GROUND ASSETS	:	(2) LYNKWELL 240KW DCFC UNITS, (1) PAD MOUNTED TRANSFORMER AND (1) SERVICE PANEL.

VICINITY MAP



PROJECT APPROVAL

LYNKWELL REPRESTATIVE APPROVAL:		SITE CONTRACTOR APPROVAL:	
NAME	: NICK COVENEY	NAME	: _____
SIGNATURE	:	SIGNATURE	: _____
		TITLE	: _____
TITLE	: PROJECT MANAGER	DATE	: _____
DATE	: 10/17/2025		

UTILITY

UTILITY NAME	: CENTRAL HUDSON
GENERAL NON-EMERGENCY	: 845-452-2700
ELECTRICAL EMERGENCY	: 800-942-8274

People. Power. Possibilities. Central Hudson A FORTIS COMPANY

LANDOWNER

OWNER	: 142 ROUTE 17K PROPERTY LLC
PARCEL ID	: 95-1-63.1
COUNTY ID	: 36071
ADDRESS	: 142 ROUTE 17K

SHEET INDEX

DRAWING #	DRAWING NAME	SHEET#
EV-L25029-01	TITLE SHEET	01 OF 09
EV-L25029-02	SITE PLAN	02 OF 09
EV-L25029-03	ONE LINE DIAGRAM	03 OF 09
EV-L25029-04	DISCONNECT PANEL CABLE/CONDUIT SCHEDULE	04 OF 09
EV-L25029-05	DETAILED PLAN/CONDUIT PLAN	05 OF 09
EV-L25029-06	CIVIL SECTION VIEWS	06 OF 09
EV-L25029-07	CONCRETE PAD AND BOLLARD DETAILS	07 OF 09
EV-L25029-08	CHARGER DETAILS	08 OF 09
EV-L25029-09	PROJECT NOTES	09 OF 09

RECEIVED
JPE
FEB - 2 2026
TOWN OF NEWBURGH
PLANNING BOARD

JPE
FEB - 2 2026
TOWN OF NEWBURGH
PLANNING BOARD

ISSUED FOR CONSTRUCTION

REVISION HISTORY					
REV	DATE	DESCRIPTION	DFT	BY	APR
RA	10/14/2025	ISSUED FOR REVIEW	FKT	MSH	NB
R0	10/17/2025	ISSUED FOR CONSTRUCTION	AKV	MSH	NB

PROJECT LOCATION

LAT: 41.509013
LONG: -74.088949
CITY: NEWBURGH
STATE: NY
COUNTY: ORANGE

PROJECT OWNER

Lynkwell

OWNER CONTACT INFO

NAME: AMANDA BALLE
EMAIL: aballe@lynkwell.com
PHONE: 518.414.5010

ENGINEER OF RECORD

TERAWATT ENGINEERING

NAME: NANDU BALACHANDRAN
EMAIL: nandu@terawatteng.com
PHONE: 504.505.1087

STATE OF NEW YORK
BALACHANDRAN NANDU
108759
LICENSED PROFESSIONAL ENGINEER

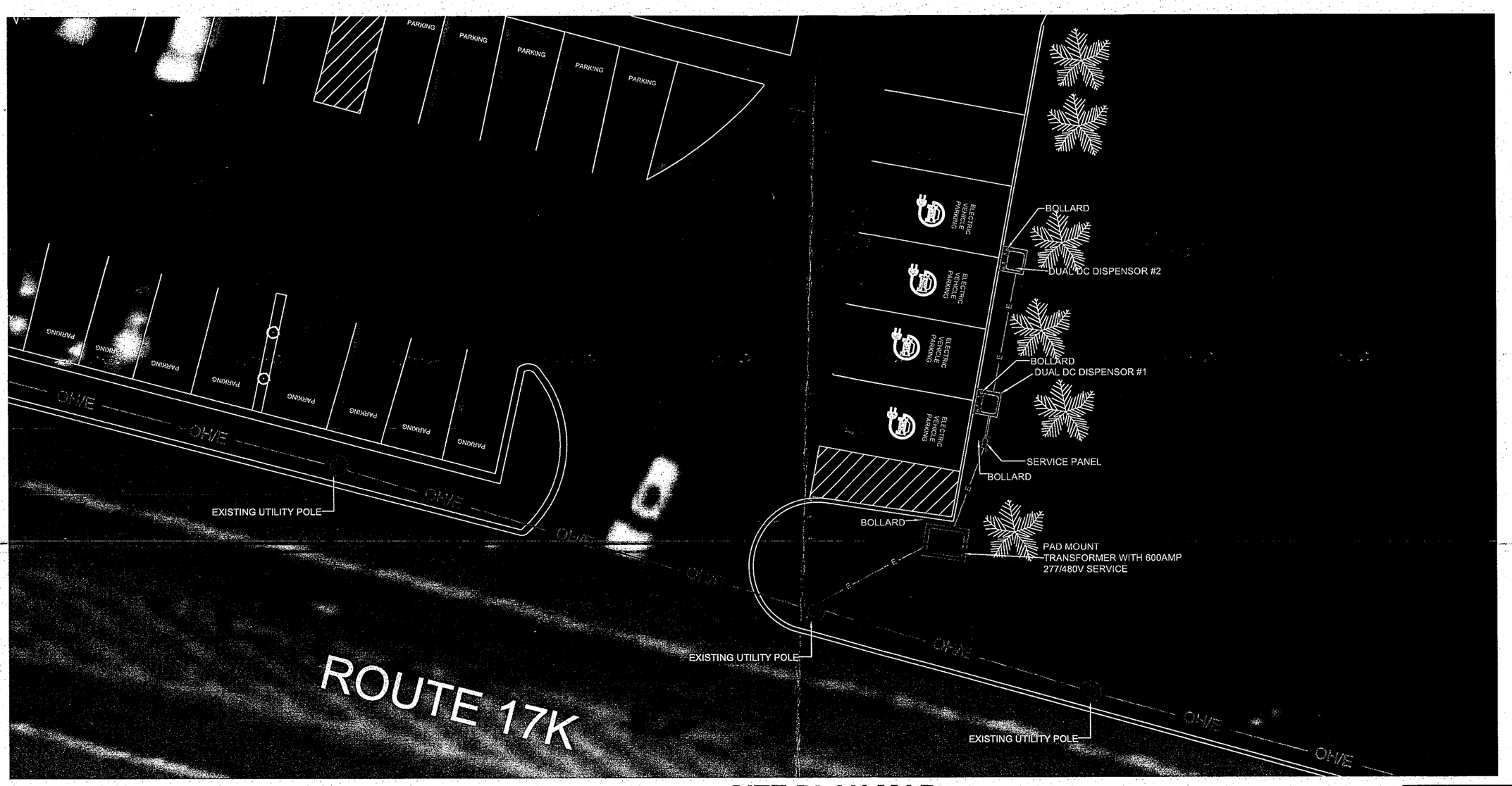
10-17-2025

PROJECT NAME

TRIDENT 142 ROUTE 17K
TITLE SHEET

DRAWING #	PAGE	REV
EV-L25029-01	01 OF 09	R0

EV-L25029-02



SITE PLAN MAP

ISSUED FOR CONSTRUCTION

REVISION HISTORY					
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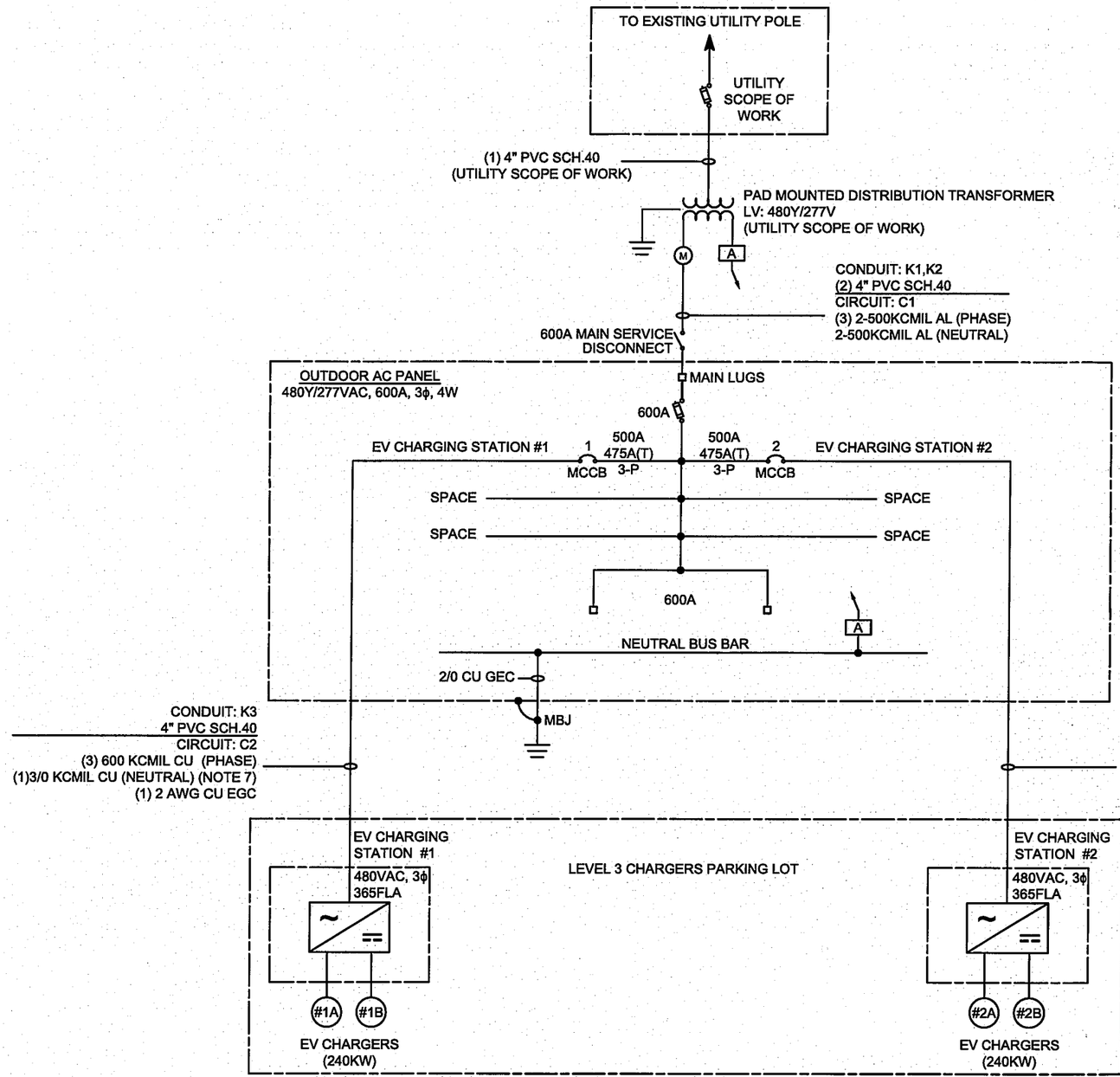
10-17-2025

PROJECT NAME

TRIDENT 142 ROUTE 17K
SITE PLAN

DRAWING #	PAGE	REV
EV-L25029-02	02 OF 09	R0



LEGENDS

M	METERING
	DISTRIBUTION TRANSFORMER
~ / ==	AC/DC CONVERTER INSIDE DC CHARGER
	FUSED DISCONNECT

NOTES:

1. THIS DESIGN ASSUMES THE AC PANELBOARD SUPPLIES ONLY EV CHARGERS CONFIGURED AS A BALANCED 3-PHASE LOAD. THE NEUTRAL CONDUCTOR IS INTENDED TO CARRY ONLY THE UNBALANCED CURRENT OF NOT MORE THAN 50% OF THE FLA RESULTING FROM ANY UNBALANCED PHASE CURRENT. PER THE CHARGER MANUAL.
2. DESIGN TO BE COORDINATED WITH POWER UTILITY COMPANY. UTILITY TO PROVIDE METERING AND PROTECTION DETAILS.
3. CURRENTLY INSTALLED EV CHARGERS ARE DESIGNED TO OPERATE AT 100% DEMAND FACTOR. FOR FUTURE EV CHARGER EXPANSION, POWER SHARING OR AUTOMATED LOAD MANAGEMENT SOFTWARE SHALL BE IMPLEMENTED TO MONITOR AND CONTROL EV DEMAND SUCH THAT THE CONNECTED LOAD DOES NOT EXCEED THE RATING OF THE ASSOCIATED PANELBOARD BUS OR THE UTILITY TRANSFORMER FEEDING THE SYSTEM. LOAD MANAGEMENT SYSTEM SHALL COMPLY WITH NEC 625.42 AND 750.30.
4. WHERE AN ENERGY MANAGEMENT SYSTEM IS INSTALLED TO CONTROL POWER TO EV CHARGERS THROUGH REMOTE MEANS, FIELD MARKINGS AND A DIRECTORY IDENTIFYING CONTROLLED DEVICES AND CIRCUITS SHALL BE PROVIDED ON THE ENCLOSURE PER NEC 750.50.
5. ALL CONDUIT SHALL BE GALVANIZED RIGID STEEL (RGS) ABOVE GRADE. PVC SHALL NOT BE USED WHERE SUBJECT TO PHYSICAL DAMAGE PER NEC 352.12(C).
6. PLEASE VERIFY TERMINATIONS AT THE CHARGER AND AT THE DISTRIBUTION PANEL ARE RATED FOR CU (90°C). EVEN IF THE CONDUCTOR IS RATED FOR 90°C, YOU CANNOT USE THE 90°C AMPACITY UNLESS BOTH THE EQUIPMENT TERMINALS AND CONDUCTORS ARE RATED FOR 90°C.
7. PLEASE VERIFY IF NEUTRAL IS REQUIRED FOR THIS CHARGER BEFORE INSTALL.

ISSUED FOR CONSTRUCTION

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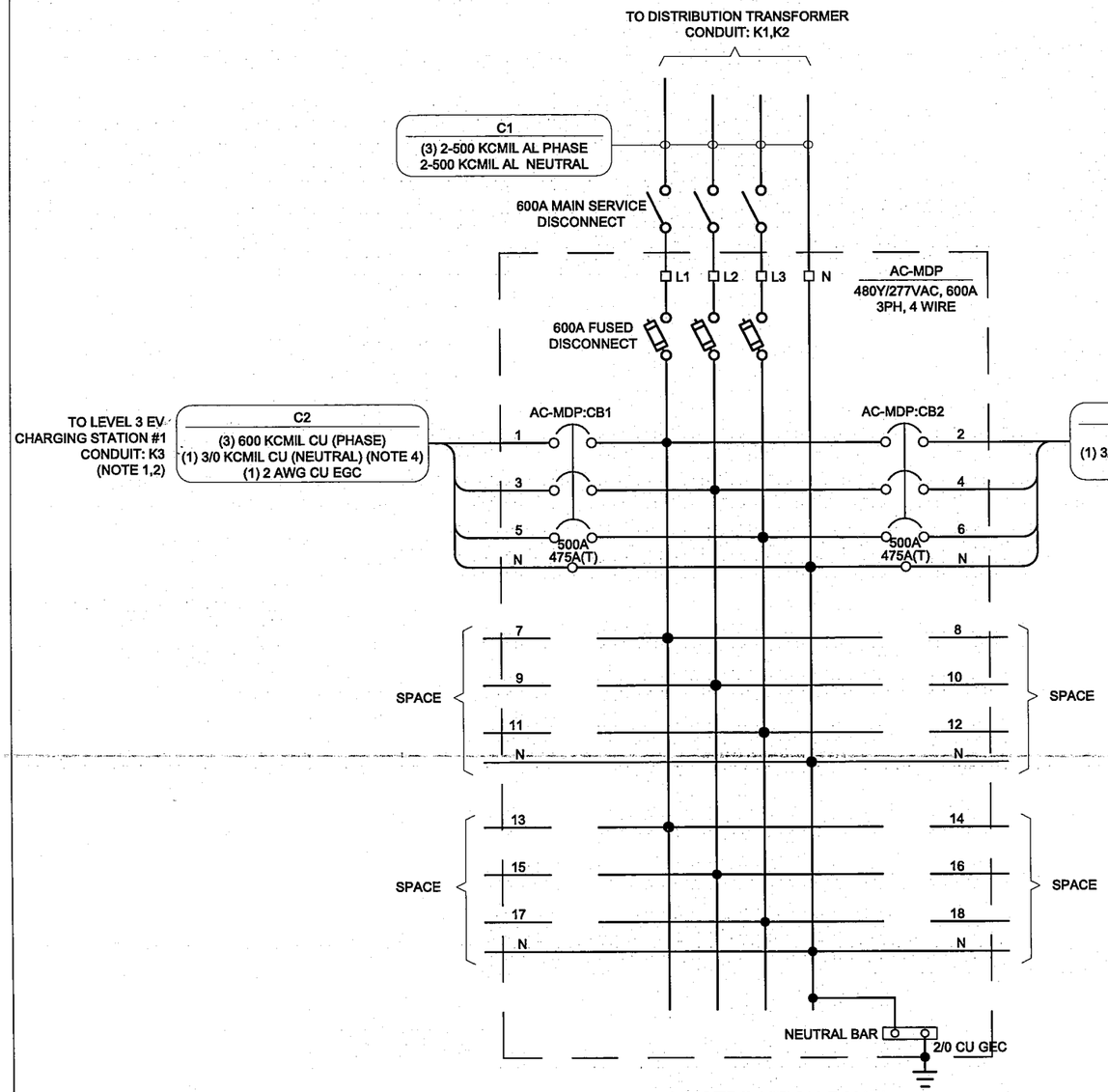
EMAIL: nandu@terawatteng.com
PHONE: 504.505.1087
STATE OF NEW YORK · BALACHANDRAN NANDU · 108759 · LICENSED PROFESSIONAL ENGINEER
10-17-2025

PROJECT NAME
TRIDENT 142 ROUTE 17K
SINGLE LINE DIAGRAM

DRAWING #	PAGE	REV
EV-L25029-03	03 OF 09	R0



AC MAIN DISTRIBUTION PANEL

PANEL SHALL BE EQUIPPED WITH A TYPEWRITTEN DIRECTORY, INDICATING PLAINLY WHAT EACH CIRCUIT OF THE PANEL CONTROLS OR FILL OUT THE STANDARD SHEET THAT COMES WITH THE PANEL AND PLACE IT IN THE INSIDE FRONT COVER OF THE PANEL.

SITE CABLING SUMMARY

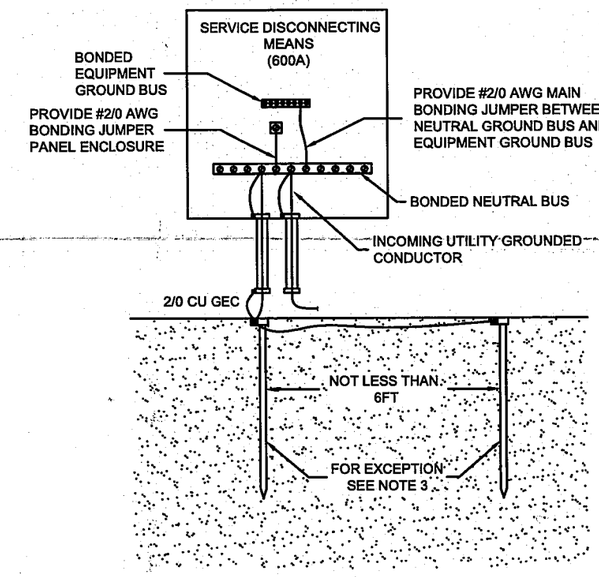
NUMBER	FROM	TO	POWER SUPPLY (SINGLE/THREE PHASE)	VOLTAGE (LINE-NEUTRAL) [V]	LOAD CURRENT [A]	CB RATING [A]	P.F	CONDUCTOR SIZE (KCMIL OR AWG)	CONDUCTOR TYPE	CONDUIT	APPROX. ONE WAY LENGTH [FEET]	VDROP %
C1	DISTRIBUTION TRANSFORMER	AC DISTRIBUTION PANEL	THREE	277	600	600	0.96	2-500	Al (75°C)	PVC	45	0.25
C2	AC DISTRIBUTION PANEL	EV CHARGING STATION #1	THREE	277	365	450	0.96	600	Cu (90°C)	PVC	30	0.13
C3	AC DISTRIBUTION PANEL	EV CHARGING STATION #2	THREE	277	365	450	0.96	600	Cu (90°C)	PVC	60	0.26

* CONSERVATIVE APPROACH HAS BEEN TAKEN WHILE CALCULATING CABLE AND CONDUIT LENGTHS. ACTUAL LENGTH IN THE FIELD MAY VARY BASED ON SITE ROUTING.

SITE CONDUIT SUMMARY

CONDUIT	FROM	TO	TYPE	SIZE	LENGTH (APPROX.) [FEET]	CABLES	CONDUIT FILL %	ALLOWABLE FILL %
K1	DISTRIBUTION TRANSFORMER	O/D AC SERVICE PANEL	PVC Sch. 40	4"	20	C1	22.02%	40%
K2	DISTRIBUTION TRANSFORMER	O/D AC SERVICE PANEL	PVC Sch. 40	4"	20	C1	22.02%	40%
K3	O/D AC SERVICE PANEL	EV CHARGING STATION #1	PVC Sch. 40	4"	10	C2	26.86%	40%
K4	O/D AC SERVICE PANEL	EV CHARGING STATION #2	PVC Sch. 40	4"	35	C3	26.86%	40%

* CONSERVATIVE APPROACH HAS BEEN TAKEN WHILE CALCULATING CABLES AND CONDUIT LENGTH. ACTUAL LENGTH IN THE FIELD MAY VARY BASED ON SITE ROUTING.



PANEL GROUNDING DETAILS

NOT TO SCALE

NOTES

1. PLEASE VERIFY TERMINATIONS AT THE CHARGER AND AT THE DISTRIBUTION PANEL ARE RATED FOR CU (90°C). EVEN IF THE CONDUCTOR IS RATED FOR 90°C, YOU CANNOT USE THE 90°C AMPACITY UNLESS BOTH THE EQUIPMENT TERMINALS AND CONDUCTORS ARE RATED FOR 90°C.

2. EACH LYNKWELL LEVEL 3 CHARGER DCFC UNIT HAS A MAXIMUM OUTPUT RATING OF 240KW. ALL CHARGING EQUIPMENT IS EQUIPPED WITH ENERGY MANAGEMENT SYSTEM SOFTWARE THAT IS PROGRAMMED WITH UTILITY AND EQUIPMENT CAPACITY LIMITS TO OPTIMIZE THE POWER DISTRIBUTION AND ENSURE THAT CHARGERS DO NOT OVERLOAD THE SOURCE OR EQUIPMENT.

3. INSTALL TWO 10-FOOT × 3/4-INCH COPPER-CLAD GROUND RODS SPACED A MINIMUM OF 6 FEET APART. COMPLY WITH NEC 250.52(A)(5) AND 250.53(A). IF ONLY ONE ROD IS USED, RESISTANCE TO EARTH MUST BE VERIFIED TO BE 25 OHMS OR LESS.

4. PLEASE VERIFY IF NEUTRAL IS REQUIRED FOR THIS CHARGER BEFORE INSTALL.

ISSUED FOR CONSTRUCTION

REVISION HISTORY

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R0	10/17/2025	ISSUED FOR CONSTRUCTION	AKV	MSH	NB

PROJECT LOCATION

LAT: 41.509013
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STATE: NY
COUNTY: ORANGE

PROJECT OWNER

Lynkwell

OWNER CONTACT INFO

NAME: AMANDA BALLE
EMAIL: aballe@lynkwell.com
PHONE: 518.414.5010

ENGINEER OF RECORD

TERAWATT ENGINEERING

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PHONE: 504.505.1087

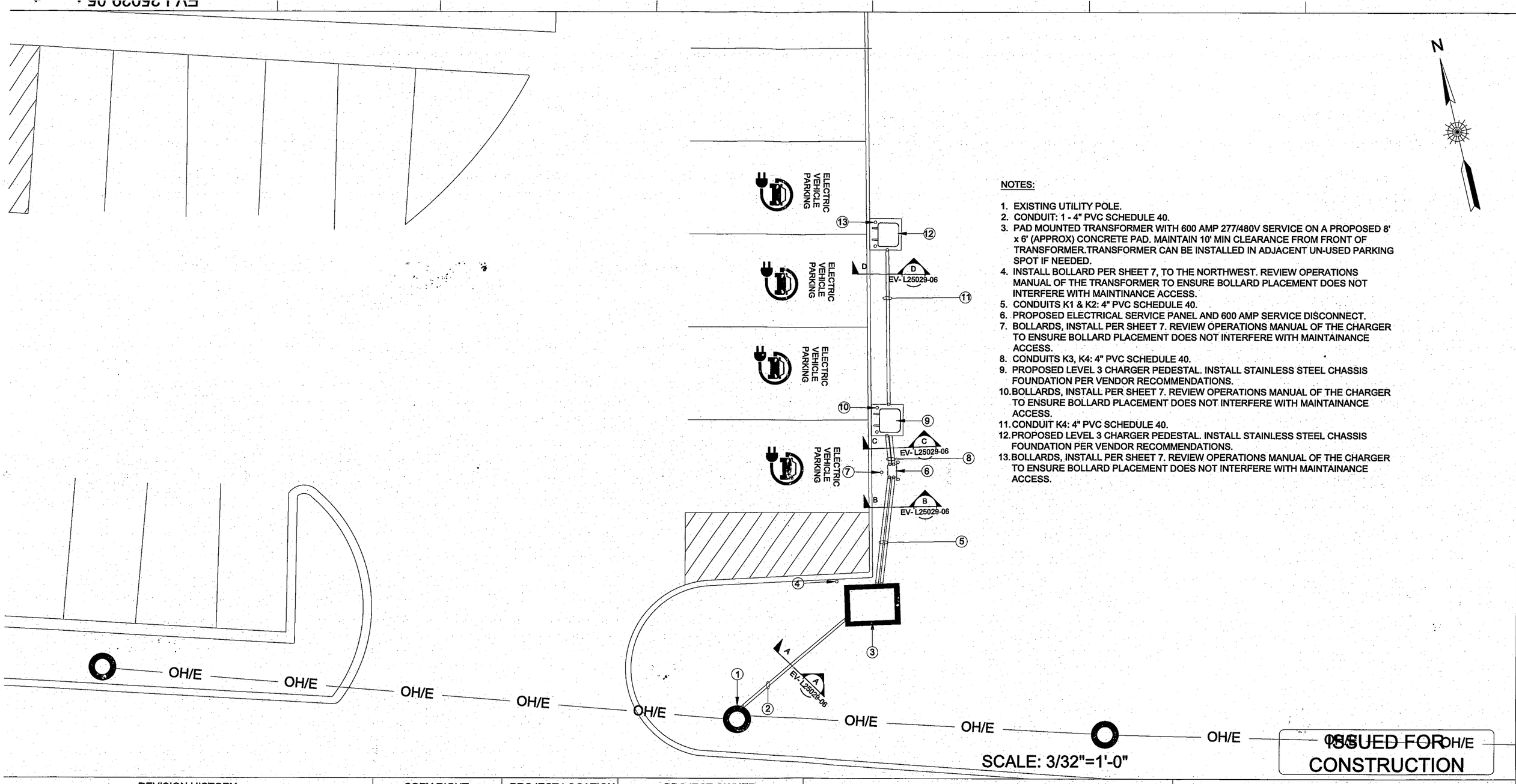
STATE OF NEW YORK
BALACHANDRAN NANDU
108759
LICENSED PROFESSIONAL ENGINEER

10-17-2025

PROJECT NAME

TRIDENT 142 ROUTE 17K CABLE/CONDUIT DETAILS

DRAWING #	PAGE	REV
EV-L25029-04	04 OF 09	R0



SCALE: 3/32"=1'-0"

NOTES:

1. EXISTING UTILITY POLE.
2. CONDUIT: 1 - 4" PVC SCHEDULE 40.
3. PAD MOUNTED TRANSFORMER WITH 600 AMP 277/480V SERVICE ON A PROPOSED 8' x 6' (APPROX) CONCRETE PAD. MAINTAIN 10' MIN CLEARANCE FROM FRONT OF TRANSFORMER.TRANSFORMER CAN BE INSTALLED IN ADJACENT UN-USED PARKING SPOT IF NEEDED.
4. INSTALL BOLLARD PER SHEET 7, TO THE NORTHWEST. REVIEW OPERATIONS MANUAL OF THE TRANSFORMER TO ENSURE BOLLARD PLACEMENT DOES NOT INTERFERE WITH MAINTINANCE ACCESS.
5. CONDUITS K1 & K2: 4" PVC SCHEDULE 40.
6. PROPOSED ELECTRICAL SERVICE PANEL AND 600 AMP SERVICE DISCONNECT.
7. BOLLARDS, INSTALL PER SHEET 7. REVIEW OPERATIONS MANUAL OF THE CHARGER TO ENSURE BOLLARD PLACEMENT DOES NOT INTERFERE WITH MAINTAINANCE ACCESS.
8. CONDUITS K3, K4: 4" PVC SCHEDULE 40.
9. PROPOSED LEVEL 3 CHARGER PEDESTAL. INSTALL STAINLESS STEEL CHASSIS FOUNDATION PER VENDOR RECOMMENDATIONS.
10. BOLLARDS, INSTALL PER SHEET 7. REVIEW OPERATIONS MANUAL OF THE CHARGER TO ENSURE BOLLARD PLACEMENT DOES NOT INTERFERE WITH MAINTAINANCE ACCESS.
11. CONDUIT K4: 4" PVC SCHEDULE 40.
12. PROPOSED LEVEL 3 CHARGER PEDESTAL. INSTALL STAINLESS STEEL CHASSIS FOUNDATION PER VENDOR RECOMMENDATIONS.
13. BOLLARDS, INSTALL PER SHEET 7. REVIEW OPERATIONS MANUAL OF THE CHARGER TO ENSURE BOLLARD PLACEMENT DOES NOT INTERFERE WITH MAINTAINANCE ACCESS.

ISSUED FOR CONSTRUCTION

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Lynkwell

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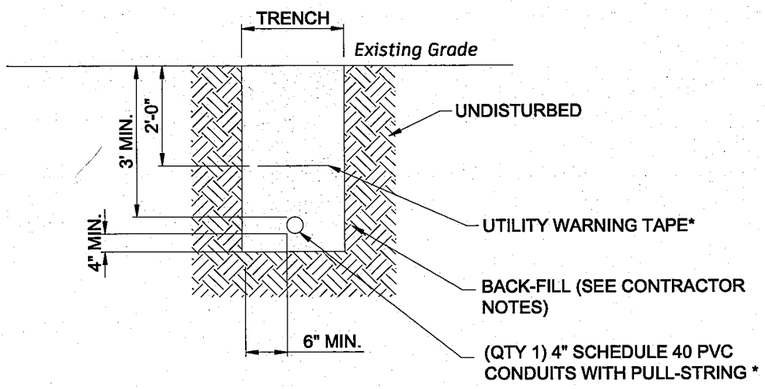
STATE OF NEW YORK
BALACHANDRAN NANDU
108759
LICENSED PROFESSIONAL ENGINEER
10-17-2025

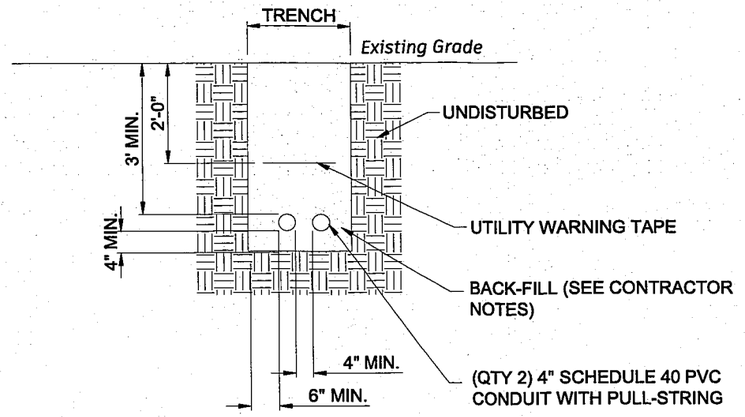
PROJECT NAME
TRIDENT 142 ROUTE 17K
DETAILED PLAN_CONDUIT PLAN

DRAWING #	PAGE	REV
EV-L25029-05	05 OF 09	R0

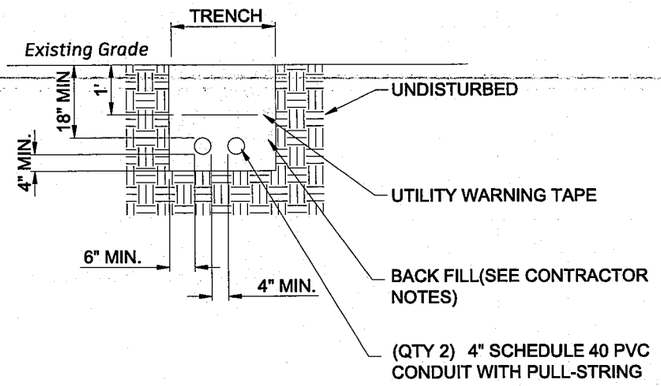


* VERIFY WITH UTILITY CONDUIT SPACING, SIZES/QTY, WARNING TAPE AND BURIAL DEPTHS MEETS UTILITY REQUIREMENTS.

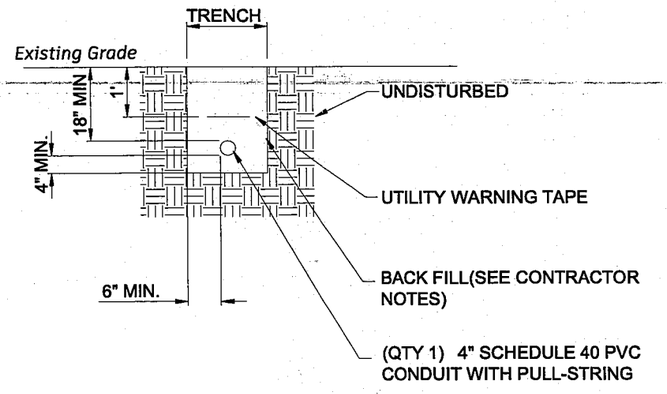
SECTION A-A : UTILITY CONDUIT RUN



SECTION B-B : K1,K2 CONDUIT RUN



SECTION C-C : K3, K4 CONDUIT RUN



SECTION D-D : K4 CONDUIT RUN

CONTRACTOR NOTES:

1. RESTORE ALL EARTHWORK TO NATIVE ELEVATION.
2. BACKFILL EXCAVATIONS WITH 3/4" CRUSHED ROCK OR NATIVE SOIL IF COHESIONLESS (NON-CLAY). COMPACT BACKFILL IN 6" LIFTS TO PREVENT SETTLING.
3. CONTRACTOR REQUIRED TO PROVIDE ALL WORKER AND PUBLIC PROTECTION MATERIALS TO PREVENT INJURY FROM THE OPEN EXCAVATIONS OR CONSTRUCTION ACTIVITIES PER OSHA, STATE AND MUNICIPAL REQUIREMENTS.
4. CONTRACTOR REQUIRED TO FOLLOW PERMIT REQUIREMENTS.

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R0	10/17/2025	ISSUED FOR CONSTRUCTION	AKV	MSH	NB

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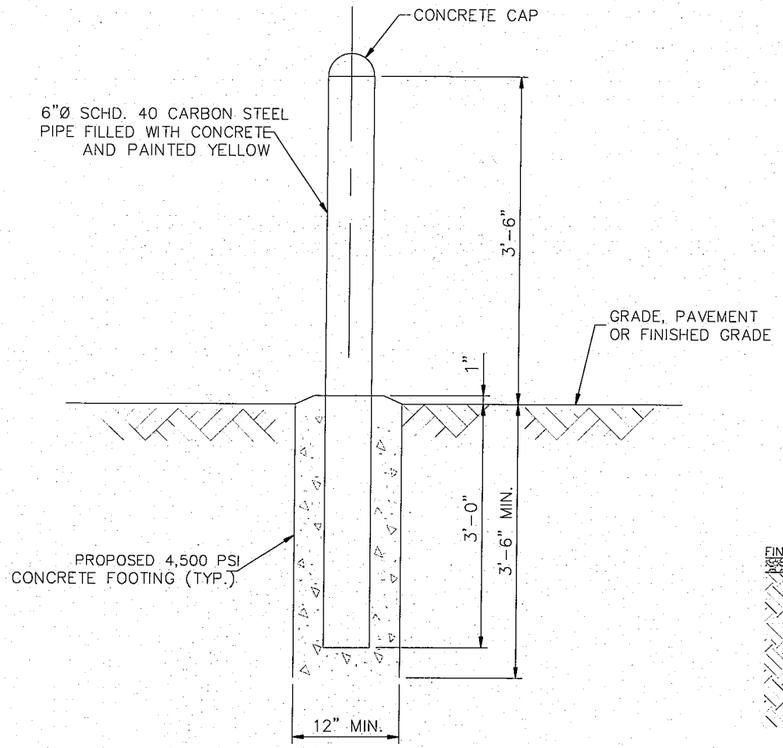
10-17-2025

PROJECT NAME

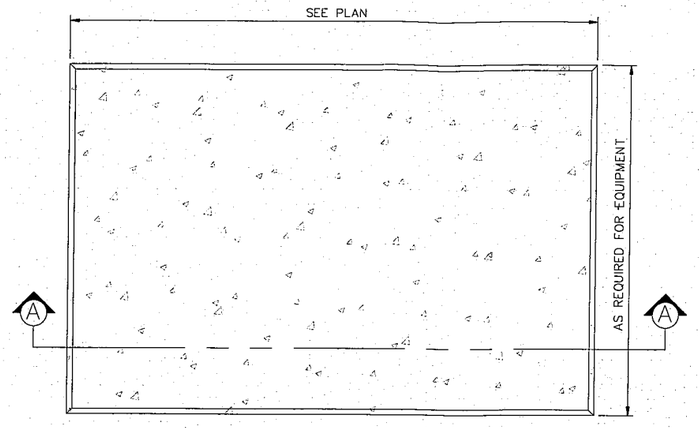
TRIDENT 142 ROUTE 17K CIVIL SECTIONS

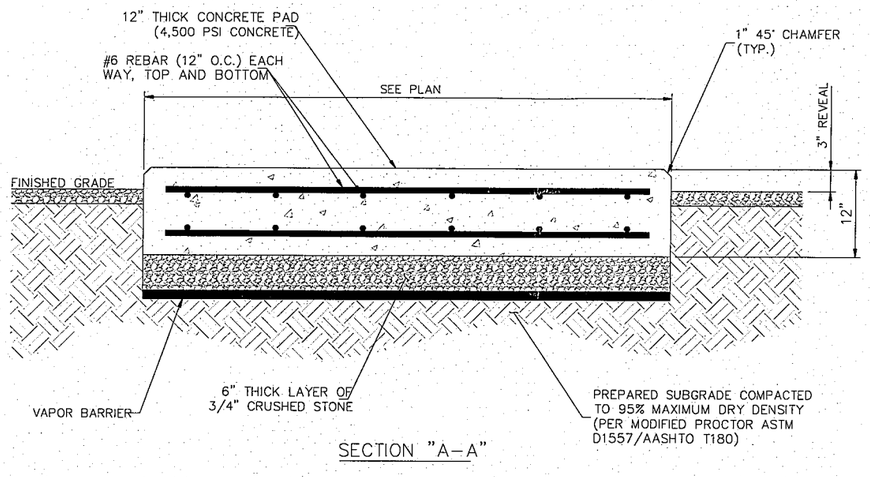
DRAWING #	PAGE	REV
EV-L25029-06	06 OF 09	R0



BOLLARD DETAIL

NOT TO SCALE

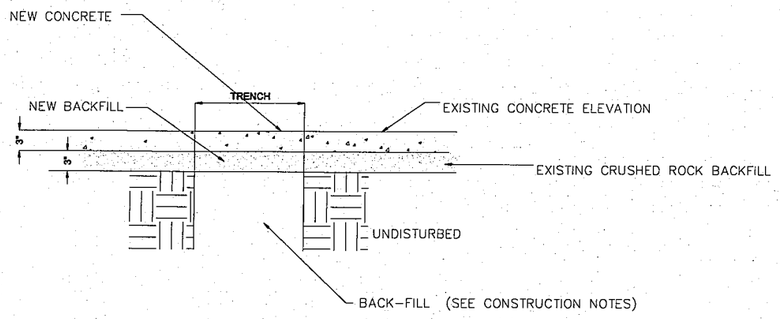




SECTION "A-A"

CONCRETE EQUIPMENT PAD DETAILS

NOT TO SCALE



CONCRETE REPAIR

CONSTRUCTION NOTES:

1. CONTRACTOR TO PROTECT THE EXCAVATION WITH SHORING AS REQUIRED AND COME UP WITH A DRAINAGE PLAN AROUND OPEN EXCAVATIONS.
2. BEFORE CAST IN PLACE FOOTING CONCRETE IS POURED,COMPACT THE BASE OF THE FOUNDATION TO PREVENT SETTLEMENT.
3. FORMS TO COMPLY WITH ACI 301-16 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS AND ACI 301 FOR FORMWORK".
4. REINFORCEMENT STEEL SHALL BE ASTM A615, GRADE 60 STEEL.LAP SPLICE LENGTHS SHALL BE 40 X BAR DIAMETER AND HELD WITH TIE BARS. HOOK LENGTHS SHALL BE 12 X BAR DIAMETER.
5. MAINTAIN 3" CONCRETE COVER FOR REBAR.
6. CONCRETE MIX DESIGN TO BE IN ACCORDANCE WITH ACI 318, CHAPTER 5.
7. AGGREGATES SHALL COMPLY WITH ASTM C33 SIZE #57 FOR COARSE AGGREGATE AND ASTM C330 GRADED 3/4"- 1/4" FOR LIGHT CONCRETE.
8. PLACEMENT OF CONCRETE TO ADHERE TO COLD WEATHER (ACI 306.1) AND HOT WEATHER (ACI305 R).
9. EXPOSED EDGES OF THE FOUNDATION SHALL BE EDGED 3/4".

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10-17-2025

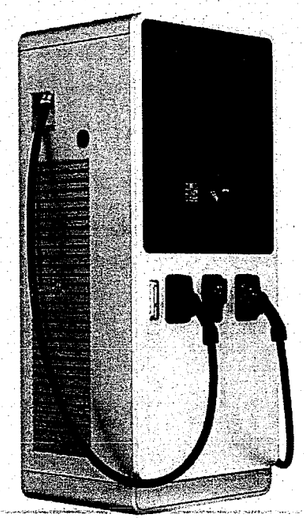
PROJECT NAME

TRIDENT 142 ROUTE 17K CONCRETE PAD AND BOLLARD DETAILS

DRAWING #	PAGE	REV
EV-L25029-07	07 OF 09	R0

Lynkwell™
LW141-DC240

Lynkwell™
LW141-DC240



LW141-DC240

DC Fast Charger Dual Port 60kW-240kW max

KEY FEATURES

» Scalable output from 60-240kW in 20kW increments
» OCPP 2.0.1
» ISO 15118
» 300A Cables with 400A Boost

[redacted]

Electrical
- Input Voltage: 480V 3-Phase Wye @60Hz
- Input Current:
  60kW: 91A; 80kW: 122A 140kW: 213A; 160kW: 245A; 180kW: 270A
  100kW: 152A; 120kW: 182A 200kW: 305A; 220kW: 335A; 240kW: 365A
- Output Voltage: 150 to 950V DC
- Output Current: up to 160A
- Output Power: 60kW - 240kW
- Power Factor: >0.98
- Efficiency: >96% at full load
- Energy Metering: Class A
- AC Input Connection: 3P +PE (No Neutral)

Connector and Cable
- Dual CCS-1
- High-quality flexible cable
- Cable length 15' standard, options available

Networking and Communications
- Wi-Fi & 4G LTE, Ethernet
- ISO 15188-2 / -3
- Over-the-air firmware updates are automatic when connected to the Lynkwell network

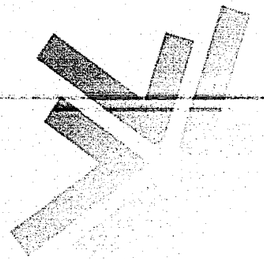
Environment
- Indoor and outdoor rated NEMA 3R / IP54
- Stainless Steel 430 Enclosure Type
- Operating Temperature: -31°F to 131°F
- Storage Temperature: -40°F to 158°F
- Humidity: 95% non-condensing
- Altitude: Operational up to 6,560'
- Impact Resistance: IK10

Display and Indicators
- 27" color LCD screen
- LEDs provide highly visible EVSE status indicators

Device Mounting
- Ground Mounted
- Device dimensions on pedestal (HxWxD):
  76.8 x 32.3 x 27.6 In.

Standards and Compliance
- UL Certified
- OCPP 1.6J & 2.0.1
- EnergyStar

Other Features and Options
- RFID enabled
- Credit card reader available
- Cable Management



Lynkwell

Lynkwell's curated catalog includes hundreds of the best chargers and accessories to meet the unique needs of each project.

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Contact Form

lynkwell.com
Follow us

TRIP HAZARD SIGN DETAIL (IF NEEDED)
SCALE: 3" = 1'-0"

NOTE:
PARKING SIGN TO BE BANDED TO THE PROPOSED BOLLARD ON THE PROPOSED PRE-FABRICATED ELECTRIC VEHICLE CHARGING BASE.

PARKING SIGN DETAIL (IF NEEDED)
SCALE: 2" = 1'-0"

ELECTRIC VEHICLE CHARGER DETAILS

ISSUED FOR CONSTRUCTION

REVISION HISTORY					
REV	DATE	DESCRIPTION	DFT	BY	APR
RA	10/14/2025	ISSUED FOR REVIEW	FKT	MSH	NB
R0	10/17/2025	ISSUED FOR CONSTRUCTION	AKV	MSH	NB

PROJECT LOCATION
LAT: 41.509013
LONG: -74.088949
CITY: NEWBURGH
STATE: NY
COUNTY: ORANGE

PROJECT OWNER
Lynkwell

OWNER CONTACT INFO
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STATE OF NEW YORK · BALACHANDRAN NANDU · 108759 · LICENSED PROFESSIONAL ENGINEER
10-17-2025

PROJECT NAME
TRIDENT 142 ROUTE 17K CHARGER DETAILS

DRAWING #	PAGE	REV
EV-L25029-08	08 OF 09	R0

CHARGER INSTALLATION - NEC CODE COMPLIANCE SUMMARY

PER NEC ARTICLE 625, THE INSTALLATION OF ELECTRIC VEHICLE (EV) CHARGING INFRASTRUCTURE MUST COMPLY WITH SPECIFIC SAFETY AND DESIGN REQUIREMENTS. THE FOLLOWING PROVISIONS FROM THE 2023 NEC ARE APPLICABLE TO THIS PROJECT:

1. GENERAL REQUIREMENTS

625.1 - SCOPE: THE PROVISIONS OF THIS ARTICLE COVER THE ELECTRICAL CONDUCTORS AND EQUIPMENT EXTERNAL TO AN ELECTRIC VEHICLE THAT CONNECT AN ELECTRIC VEHICLE TO A SUPPLY OF ELECTRICITY BY CONDUCTIVE OR INDUCTIVE MEANS, AND THE INSTALLATION OF EQUIPMENT AND DEVICES RELATED TO ELECTRIC VEHICLE CHARGING.

625.5 - LISTING: ALL EV SUPPLY EQUIPMENT SHALL BE LISTED.
EV CHARGING EQUIPMENT MUST BE LISTED AND LABELED IN ACCORDANCE WITH UL 2594 (STANDARD FOR ELECTRIC VEHICLE SUPPLY EQUIPMENT) AND UL 2202 (STANDARD FOR ELECTRIC VEHICLE CHARGING SYSTEM EQUIPMENT). THESE STANDARDS APPLY SPECIFICALLY TO CONDUCTIVE CHARGING SYSTEMS AND ARE ESSENTIAL FOR THIRD-PARTY CERTIFICATION COMPLIANCE.
INFORMATIONAL REFERENCES IN NEC 625 ALSO CITE NFPA 505 FOR FIRE SAFETY STANDARDS INVOLVING POWERED INDUSTRIAL TRUCKS USING INDUCTIVE CHARGING, PROVIDING GUIDANCE IN INDUSTRIAL APPLICATIONS.

625.13 - SUPPLY EQUIPMENT RATING: ELECTRIC VEHICLE SUPPLY EQUIPMENT RATED AT A MAXIMUM OF 60 A SHALL BE PERMITTED TO BE CORD-AND-PLUG-CONNECTED. EQUIPMENT RATED OVER 60 A OR OVER 150 V TO GROUND SHALL BE PERMANENTLY CONNECTED.

2. OVERCURRENT PROTECTION AND DISCONNECT

625.41 - OVERCURRENT PROTECTION: OVERCURRENT PROTECTION FOR FEEDERS AND BRANCH CIRCUITS SUPPLYING EV SUPPLY EQUIPMENT SHALL BE SIZED FOR CONTINUOUS DUTY AND SHALL HAVE AN AMPERE RATING OF NOT LESS THAN 125 PERCENT OF THE MAXIMUM LOAD OF THE EV SUPPLY EQUIPMENT.

625.43 - DISCONNECTING MEANS: FOR EQUIPMENT RATED MORE THAN 60 A OR MORE THAN 150 V TO GROUND, A MEANS SHALL BE PROVIDED TO DISCONNECT ALL UNGROUNDED CONDUCTORS FROM THE SUPPLY.

3. GROUND-FAULT AND LEAKAGE PROTECTION

625.54 - GFCI PROTECTION FOR PERSONNEL: ALL RECEPTACLES INSTALLED FOR THE CONNECTION OF EV SUPPLY EQUIPMENT SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL.

625.61 - GROUND-FAULT PROTECTION FOR EQUIPMENT: EV SUPPLY EQUIPMENT SHALL BE PROVIDED WITH GROUND-FAULT PROTECTION OF EQUIPMENT.

4. OUTDOOR INSTALLATIONS

ENCLOSURE RATING: EV SUPPLY EQUIPMENT SHALL HAVE A MINIMUM ENCLOSURE RATING OF TYPE 3R IF LOCATED OUTDOORS.

110.26(A) - WORKING SPACE: WORKING SPACE FOR EQUIPMENT OPERATING AT 1000 VOLTS OR LESS SHALL COMPLY WITH CLEARANCES 3', 3'-6", OR 4' AS APPLICABLE FOR VOLTAGE RANGE 0-600V LINE TO NEUTRAL PER 110.26(A)(1), (2), AND (3).

5. SERVICE AND PANEL SIZING

220.14(C) - LOAD CALCULATIONS: EV SUPPLY EQUIPMENT SHALL BE CONSIDERED A CONTINUOUS LOAD. FEEDER AND SERVICE LOAD CALCULATIONS SHALL INCLUDE THE NAMEPLATE RATING AT 125%.

DEDICATED BRANCH CIRCUIT: BRANCH CIRCUITS THAT SUPPLY EV SUPPLY EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH 625.40 AND 625.41 AND SHALL HAVE NO OTHER OUTLETS.

6. RACEWAY AND CONDUIT

300.5 - UNDERGROUND RACEWAY DEPTH: RACEWAYS BURIED UNDERGROUND SHALL COMPLY WITH TABLE 300.5 FOR MINIMUM COVER REQUIREMENTS.

352, 355, 358, 366 - RACEWAY TYPES: REFER TO APPLICABLE SECTIONS FOR MATERIAL-SPECIFIC REQUIREMENTS (E.G., PVC, EMT, WIREWAYS) BASED ON SITE CONDITIONS.

7. LOAD MANAGEMENT (IF APPLICABLE):

CONNECTION OF EV SUPPLY EQUIPMENT TO AUTOMATIC LOAD MANAGEMENT SYSTEM CAN PRECLUDE THE NEED FOR A SERVICE OR FEEDER UPGRADE TO AN EXISTING ELECTRICAL INSTALLATION.

8. GROUNDING AND BONDING REQUIREMENTS FOR EV CHARGER INSTALLATION
(PER NEC 2023, ARTICLES 250 AND 625.44)

- METALLIC RACEWAYS, CABLE ARMOR, ENCLOSURES, AND NON-CURRENT-CARRYING METALLIC PARTS SHALL BE BONDED TO THE GROUNDING SYSTEM. GROUND CONTINUITY SHALL BE MAINTAINED THROUGHOUT.
- GROUNDING CONNECTIONS INSIDE JUNCTION BOXES, DEVICE BOXES, AND PULL BOXES SHALL BE MADE USING LISTED GROUNDING MEANS.
- NEUTRAL-TO-GROUND BONDING SHALL OCCUR ONLY AT THE SERVICE DISCONNECT. NEUTRAL AND GROUND SHALL BE ISOLATED IN ALL SUBPANELS.
- GROUNDING ELECTRODE CONDUCTORS (GECS) SHALL BE SIZED PER NEC 250.66, BASED ON THE LARGEST UNGROUNDED CONDUCTOR IN THE SYSTEM.
- GROUND RODS SHALL BE A MINIMUM OF 10'-0" LONG × 3/4"Ø COPPER-CLAD STEEL, UNLESS OTHERWISE SPECIFIED.
- GROUND RODS, GECS, AND CONNECTIONS SHALL BE INSTALLED A MINIMUM OF 30" BELOW FINISHED GRADE UNLESS OTHERWISE NOTED.
- WHERE EVSE IS INSTALLED AT A DETACHED STRUCTURE, A GROUNDING ELECTRODE SYSTEM SHALL BE PROVIDED. NEUTRAL AND GROUND CONDUCTORS SHALL BE RUN SEPARATELY, AND NEUTRAL TO GROUND BONDING SHALL NOT OCCUR AT THE SUBPANEL.

GENERAL CONTRACTOR NOTES

1. PRIOR TO STARTING WORK, THE ELECTRICAL CONTRACTOR SHALL VERIFY THE LOCATION AND CONDITION OF ANY EXISTING EQUIPMENT AND FIELD CONDITIONS RELEVANT TO THE EV CHARGER INSTALLATION.
2. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE SERVING UTILITY COMPANY AND MEET ALL UTILITY REQUIREMENTS FOR SERVICE CONNECTION AND METER INSTALLATION, IF APPLICABLE.
3. COORDINATION WITH OTHER TRADES IS REQUIRED TO PREVENT CONFLICTS DURING INSTALLATION. THE CONTRACTOR MUST VERIFY ALL DEVICE LOCATIONS AND WIRING BEFORE BEGINNING WORK.
4. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING 811 (CALL BEFORE YOU DIG) FOR LOCATING UNDERGROUND UTILITIES BEFORE ANY TRENCHING OR EXCAVATION RELATED TO ELECTRICAL WORK. NOTIFICATION MUST BE MADE AT LEAST THREE (3) WORKING DAYS BEFORE ANY GROUND DISTURBANCE. ALL LOCATES MUST BE COMPLETED BEFORE DISTURBING THE SOIL.
5. THE OWNER WILL COVER ALL FEES FOR REQUIRED PERMITS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SECURING PERMITS, SCHEDULING AND PASSING INSPECTIONS, AND SUBMITTING FINAL APPROVALS AND CERTIFICATES TO THE OWNER BEFORE THE PROJECT IS DEEMED COMPLETE.
6. THE ELECTRICAL CONTRACTOR SHALL PROVIDE CLEARLY TYPED CIRCUIT SCHEDULES FOR ALL PANELS INVOLVED. THESE SCHEDULES MUST REFLECT ACTUAL CONNECTED LOADS AND ALIGN WITH THE PANEL SCHEDULES INCLUDED IN THE PROJECT DRAWINGS. SPARE PANEL SPACES MUST BE PROTECTED WITH APPROPRIATE METAL BLANKS.
7. ALL ELECTRICAL EQUIPMENT, DEVICES, AND ASSEMBLIES MUST BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), SUCH AS UL, FOR THEIR SPECIFIC USE. THE NRTL LISTING MUST COVER THE ENTIRE PACKAGE OR EACH COMPONENT AS APPLICABLE.
8. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY BOXES, FITTINGS, CONNECTORS, COVER PLATES, AND RELATED ITEMS, WHETHER SHOWN ON THE DRAWINGS OR NOT, TO ENSURE A CODE-COMPLIANT, FULLY OPERATIONAL EV CHARGING INSTALLATION.
9. ALL WIRING SHALL BE AL OR CU AS SPECIFIED IN THE DRAWINGS WITH A MIN SIZE OF #12 UNLESS OTHERWISE SPECIFIED.
10. THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR ONE (1) YEAR FROM THE DATE OF FINAL COMPLETION. ANY DEFECTIVE WORK OR MATERIALS SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER DURING THIS PERIOD.
11. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL EXISTING PAVEMENT, CONCRETE, AND ASPHALT SURFACES, INCLUDING DRIVEWAYS AND PARKING AREAS. ANY DAMAGE MUST BE RESTORED TO MATCH EXISTING CONDITIONS OR BETTER.
12. THE CONTRACTOR IS RESPONSIBLE FOR FULL SITE RESTORATION OF AREAS DISTURBED DURING THE EV CHARGER INSTALLATION. THIS INCLUDES DRIVEWAYS, CURBS, SIDEWALKS, LANDSCAPING, LAWNS, AND OTHER SURFACES. ALL AFFECTED AREAS SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THEIR ORIGINAL STATE, INCLUDING REGRADING, RESEEDING, AND SITE CLEANUP. TOPSOIL AND MULCH SHALL BE PROVIDED WHERE NECESSARY TO ENSURE PROPER VEGETATION GROWTH.

WIRING NOTES

1. ALL WIRING METHODS AND MATERIALS SHALL COMPLY WITH THE NEC AND LOCAL AMENDMENTS.
2. UNLESS OTHERWISE SPECIFIED, CONDUCTORS SHALL BE COPPER, 600 V, 75 °C (WET) MINIMUM INSULATION, AND UV_RESISTANT WHERE EXPOSED (NEC 310.10).
3. CONDUCTORS SHALL BE INSTALLED IN APPROVED RACEWAYS OR CABLE ASSEMBLIES (NEC CHAPTER 3).
4. CONDUCTOR IDENTIFICATION SHALL COMPLY WITH NEC 200.6 (GROUNDED CONDUCTORS), 210.5(C) (UNGROUNDED CONDUCTOR IDENTIFICATION), AND 250.119 (EQUIPMENT GROUNDING CONDUCTORS). A PERMANENT DIRECTORY OR LABEL SHALL BE PROVIDED AT THE SERVICE EQUIPMENT DETAILING THE COLOR CODE USED.
5. CONDUIT SHALL BE INSTALLED IN A MANNER THAT ALLOWS CONDUCTORS TO BE PULLED WITHOUT DAMAGE. LIMIT CONDUIT RUNS TO NO MORE THAN THE EQUIVALENT OF THREE 90-DEGREE BENDS BETWEEN PULL POINTS FOR POWER CONDUITS, AND NO MORE THAN TWO 90-DEGREE BENDS FOR COMMUNICATIONS CONDUITS, UNLESS OTHERWISE APPROVED.
6. PROTECT CONDUCTORS FROM ABRASION AT ENTRY/EXIT OF RACEWAYS AND ENCLOSURES.
7. DEDICATED BRANCH CIRCUITS SHALL BE PROVIDED FOR EACH EVSE; NO OTHER LOADS PERMITTED.
8. CABLES AND CONDUITS SHALL BE CONTINUOUS FROM TERMINATION TO TERMINATION.
9. MAINTAIN NEUTRAL TO GROUND BOND ONLY AT SERVICE DISCONNECT.

RECOMMENDED CONDUCTOR COLOR CONVENTIONS

COLOR CODING BELOW IS AN INDUSTRY ACCEPTED PRACTICE. ALTERNATE SCHEMES MAY BE USED PER LOCAL JURISDICTION PRACTICES.

1. DC CIRCUITS

FUNCTION	GROUNDED SYSTEM	GROUNDED CONDUCTOR PRESENT	EQUIPMENT GROUND
POSITIVE	RED	RED	-
NEGATIVE	BLACK	BLACK	-
GROUND/EGC	GREEN OR BARE	WHITE OR GRAY (GROUNDED CONDUCTOR)	GREEN OR BARE

2. AC CIRCUITS

FUNCTION	120/240 V OR 208Y/120 (HIGH LEG)	480Y/277 V OR 347/600V	>1000V
PHASE A	BLACK	BROWN	BLACK
PHASE B	RED	ORANGE	RED
PHASE C	BLUE	YELLOW	BLUE
NEUTRAL	WHITE OR GRAY	GRAY	WHITE OR GRAY
EQUIPMENT GROUND	GREEN OR BARE	GREEN OR BARE	GREEN OR BARE

*PER NEC 110.15, THE HIGH_LEG CONDUCTOR IN A 4_WIRE DELTA SHALL BE DURABLY MARKED ORANGE.

ADDITIONAL CONTRACTOR RESPONSIBILITIES

1. ONLY LICENSED ELECTRICAL CONTRACTORS SHALL PERFORM WORK. CONTRACTOR SHALL HOLD THE REQUIRED EVSE INSTALLATION PERMIT PRIOR TO COMMENCING WORK.
2. COORDINATE WITH THE LOCAL UTILITY FOR SERVICE UPGRADES, METER APPROVALS, AND ANY REQUIRED UTILITY DISCONNECTS.
3. PROVIDE ARC FLASH AND SHOCK HAZARD ANALYSIS WHERE REQUIRED AND SUPPLY APPROPRIATE PPE PER NFPA 70E.
4. SUBMIT EQUIPMENT SUBMITTALS (EVSE, OVERCURRENT DEVICES, WIRE, CONDUIT) FOR APPROVAL BEFORE INSTALLATION.
5. RECORD ACTUAL TORQUE VALUES OF ALL LUGS AND TERMINATIONS; RETAIN TORQUE LOGS FOR INSPECTION.
6. LABEL ALL DISCONNECTS, PANELS, AND EVSE PER NEC 110.21(B) AND 625.46.
7. PERFORM INSULATION RESISTANCE AND CONTINUITY TESTS ON ALL CONDUCTORS PRIOR TO ENERGIZATION.
8. PROVIDE COMMISSIONING AND FUNCTIONAL TESTING OF EVSE PER MANUFACTURER REQUIREMENTS AND NEC 625.17.
9. SUBMIT RED LINE AS BUILT DRAWINGS AND TEST REPORTS TO THE OWNER AND AHJ AFTER PROJECT COMPLETION.

UNDERGROUND CONDUIT SYSTEM NOTES

1. CONTRACTOR TO VERIFY CABLE ROUTE LENGTHS AND ADVISE ON ACTUAL LENGTHS. IF A SIGNIFICANT CHANGE IN LENGTH IS OBSERVED, CONTRACTOR TO ADVISE THE ENGINEERING DEPARTMENT TO UPDATE THE VOLTAGE DROP CALCULATIONS.
2. CONTRACTOR SHALL VERIFY THE PULLING PLAN OF A CONDUIT DOES NOT EXCEED 360 DEGREES AND PROVIDE/INSTALL ADDITIONAL PULLING BOXES AS REQUIRED.
3. ALL BURIED AND EXPOSED CONDUIT SHALL HAVE WATERTIGHT CONNECTIONS. CONDUIT ENDS SHALL BE SEALED TO PREVENT OUTSIDE MOISTURE INTO THE CONDUIT.
4. CONTRACTOR TO VERIFY ROUTED CONDUIT/CABLE DOES NOT INTERFERE WITH THE OPERATION AND MAINTENANCE OF THE CHARGERS.
5. ALL ENCLOSURES SHALL BE OUTDOOR RATED (NEMA 3R)

ISSUED FOR CONSTRUCTION

REVISION HISTORY

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LAT: 41.509013
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CITY: NEWBURGH
STATE: NY
COUNTY: ORANGE

PROJECT OWNER
Lynkwell

OWNER CONTACT INFO
NAME: AMANDA BALLE
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ENGINEER OF RECORD
TERAWATT ENGINEERING
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PROJECT NAME
TRIDENT 142 ROUTE 17K
PROJECT NOTES

DRAWING #	PAGE	REV
EV-L25029-09	09 OF 09	R0