



**TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS**

PROJECT NAME: PILOT TRAVEL CENTER-EV CHARGING
PROJECT NO.: 24-20
PROJECT LOCATION: SECTION 89, BLOCK 1, LOT 38.22
REVIEW DATE: 13 NOVEMBER 2024
MEETING DATE: 21 NOVEMBER 2024
PROJECT REPRESENTATIVE: COLLIERS ENGINEERING & DESIGN

1. A Bulk Table has been added to the plans on Sheet C-1.1.
2. The previously proposed canopy in the front yard of the building has been removed. The EV charging stations have been moved to the side yard area of the Travel Center.
3. Details for the parking striping have been added to the plans.
4. The relocation of the EV charging stations to the west side of the site has eliminated impacts to the landscaping in the front yard.
5. A parking calculation has been provided identifying that after the loss of two parking spaces 68 parking spaces remain, which is greater than the 63 spaces required.
6. A referral to County Planning is required for the amended site plan. Project is located on a State Highway.

Respectfully submitted,

MHE Engineering, D.P.C.

A handwritten signature in black ink, appearing to read 'Patrick J. Hines'.

Patrick J. Hines
Principal
PJH/kmm

A handwritten signature in black ink, appearing to read 'Michael W. Weeks'.

Michael W. Weeks, P.E.
Principal

NEW YORK OFFICE

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

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P85335
INSTALLATION OF ELECTRIC VEHICLES CHARGING EQUIPMENT
PILOT TRAVEL CENTER 394
239 ROUTE 17K
NEWBURGH, NY 12550

OWNER CONTACT INFO (NAME, ENTITY, ADDRESS, PHONE, EMAIL).

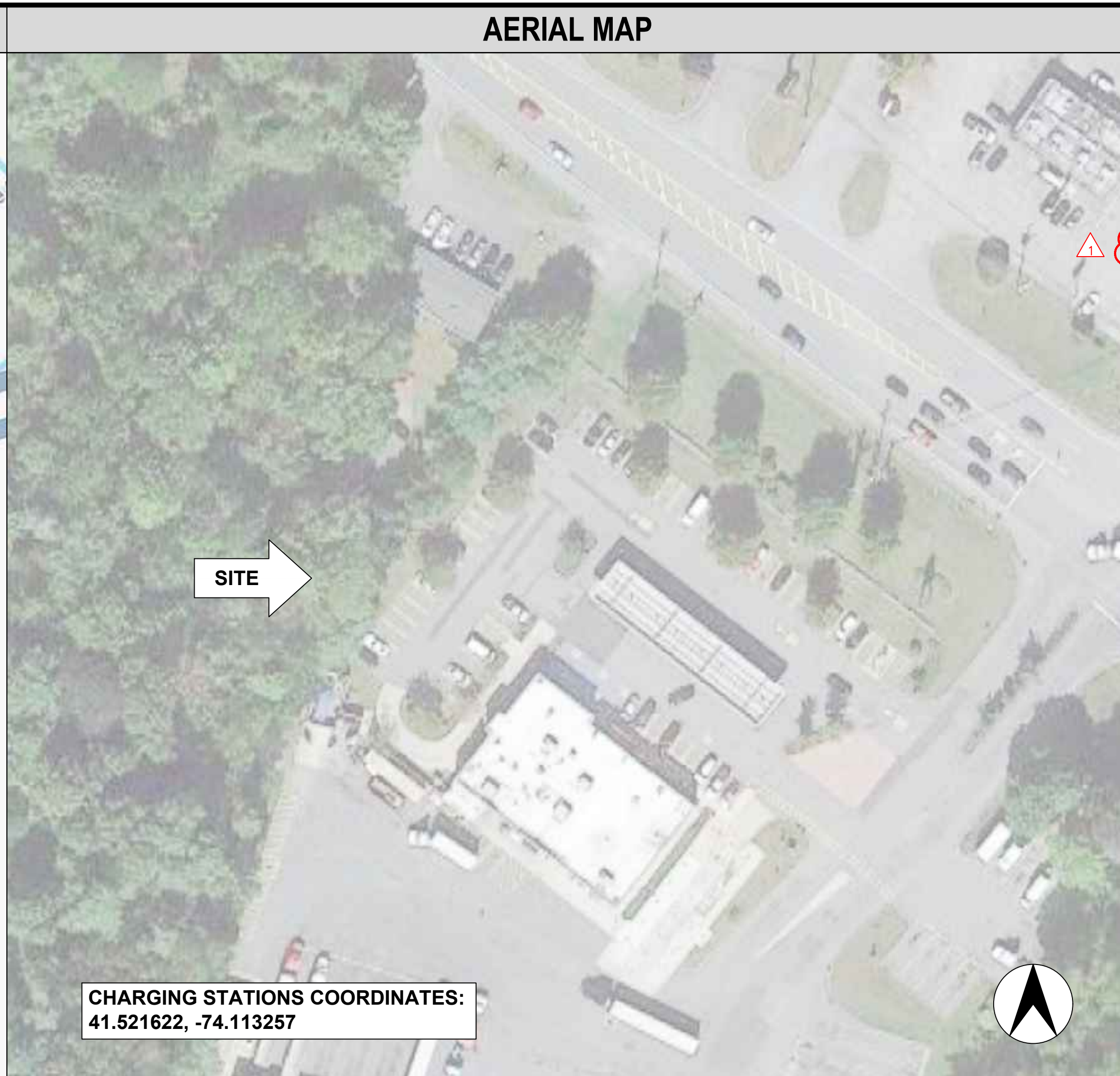
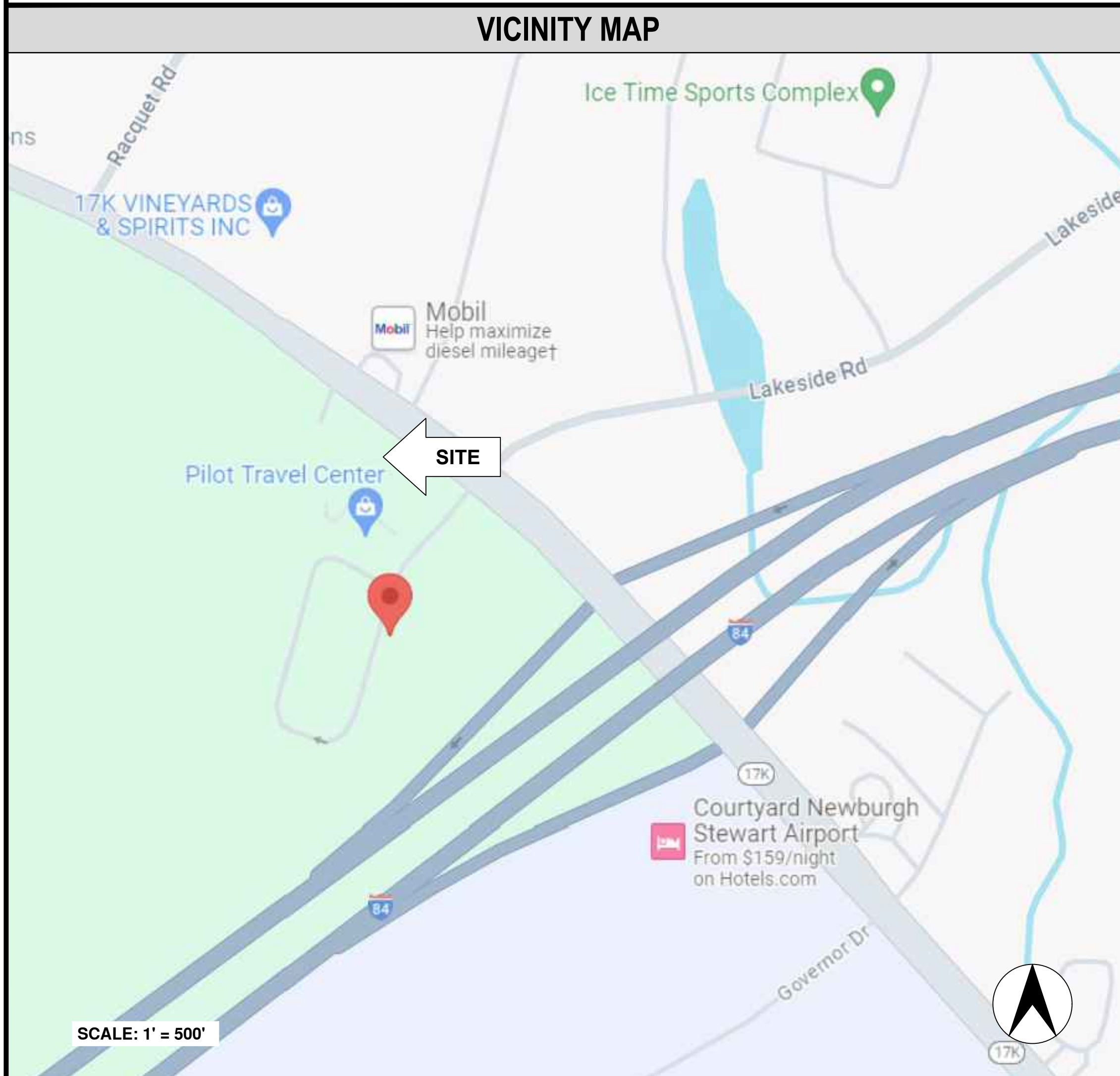
- PILOT TRAVEL CENTERS LLC
- 5508 LONAS DRIVE KNOXVILLE, TN 37909
- (865)209-6801
- UTILITY@PILOTRAVELCENTERS.COM

APPLICANT CONTACT INFO (NAME, ENTITY, ADDRESS, PHONE, EMAIL).

- ROBERT WEISS
- THE OSCAR W. LARSON COMPANY DBA OWL SERVICES
- 6235 SOUTHERN BLVD YOUNGSTOWN, OH 44512
- (412)877-4648
- ROBERT.WEISS@OWLSERVICES.COM



P85335 - PILOT TRAVEL CENTER 394
ELECTRIC VEHICLE CHARGING
239 ROUTE 17K
NEWBURGH, NY 12550



PROJECT DESCRIPTION

INSTALL (2) 350KW DELTA DISPENSERS AND SUPPORT EQUIPMENT IN A FOUR STALL PULL IN CONFIGURATION WITHOUT A CANOPY

DRAWING INDEX

SHEET NO.	SHEET TITLE
CS	COVER SHEET
C-1	OVERALL SITE PLAN
C-1.1	ENTIRE SITE PLAN
C-2	DEMOLITION SITE PLAN
C-3	ENLARGED SITE PLAN
C-4	SOIL AND EROSION CONTROL PLAN
D-1	DETAILS
D-2	DETAILS
D-3	DETAILS
D-4	BUILDING CODES AND STANDARDS
D-5	SWITCHBOARD CUT SHEETS
D-6	FINAL UTILITY DESIGN
E-1	ELECTRICAL UTILITY PLAN
E-2	ELECTRICAL ENLARGED SITE PLAN
E-3	ELECTRICAL SINGLE LINE DIAGRAM
E-4	ELECTRICAL CONDUIT DETAILS
E-5	ELECTRICAL SPECIFICATIONS
E-6	ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES
E-7	ELECTRICAL CUTSHEETS
E-8	LIGHTING CUTSHEETS
E-9	PHOTOMETRIC PLAN
G-1	ELECTRICAL GROUNDING DETAILS
GN-1	ELECTRICAL GENERAL CONSTRUCTION NOTES
	PROPERTY SURVEY (FOR REFERENCE ONLY)

CODE INFORMATION

STATE JURISDICTION LATEST ELECTRICAL CODE, INCLUDING THE TABLES AND ANNEXES THERETO.
 STATE JURISDICTION LATEST BUILDING CODE, INCLUDING THE TABLES AND ANNEXES THERETO.
 STATE JURISDICTION LATEST ENERGY CODE, INCLUDING THE TABLES AND ANNEXES THERETO.
 STATE JURISDICTION LATEST REFERENCED STANDARDS CODE, INCLUDING THE TABLES AND ANNEXES THERETO.
 2015 INTERNATIONAL FIRE CODE.

NO.	DATE	REVISION DESCRIPTION
0	2024/09/09	CONSTRUCTION READY PACKAGE
1	2024/10/08	ADDED SHEET C-1.1

CONTRACTOR NOTE

CONTRACTOR SHALL COMPLETE INSTALL PER THE SIGNED AND THE SEALED SET OF DRAWINGS. ANY NECESSARY DEVIATIONS FROM THE DRAWINGS MUST BE SUBMITTED THROUGH AN RFI REQUEST PROCESS WITH ENGINEERING FOR AN APPROVAL PRIOR TO CONTRACTOR PROCEEDING WITH A DEVIATION OF THE SIGNED AND SEALED SET OF DRAWINGS.

CALL BEFORE YOU DIG

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

ENGINEER OF RECORD

PHILLIP J. JAMINET
 PE# 104030
 OWL eMOBILITY

COVER SHEET

SHEET NUMBER
CS

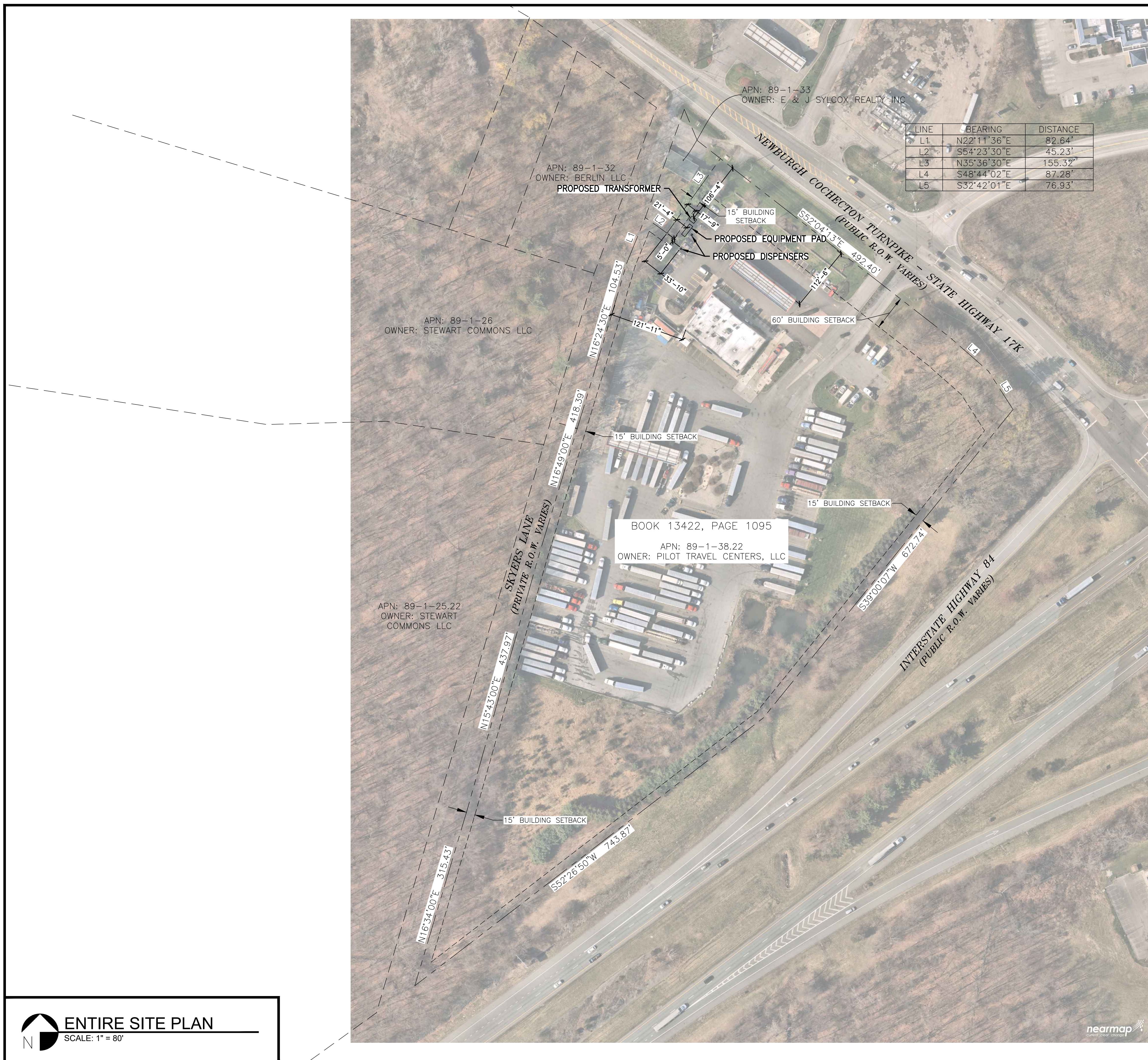


TABLE OF BULK REQUIREMENTS		
General Information		
Lot Area (sq ft / AC)	590,003 / 13.54	
Tax Lot Number	83-1-38.11	
Zone Classification	'B' Business District	
Minimum Required	Existing	Proposed
Lot Width - 150'	690'-10"	690'-10"
Lot Depth - 150'	1,493'-8"	1,493'-8"
Front Yard Setback - 60'	112'-6"	112'-6"
Side Yard Setback - 15'	121'-11"	121'-11"
Rear Yard Setback - 30'	337'-4"	337'-4"
Required Parking - 63	70	68
Parking Island Landscape, 5% req. = 1,450 sf	1,652 sf	1,652 sf
Maximum Allowed	Existing	Proposed
Lot Building Coverage - 40%	0.54%	0.54%
Building Height - 35 ft	approx 20'	approx 20'
Lot Surface Coverage - 80%	49.98%	49.98%

Note: Use is subject to site plan review by the Planning Board. 'EV Charging Stalls'
 Note 1: Setback values are distances from the property line to the nearest structure.

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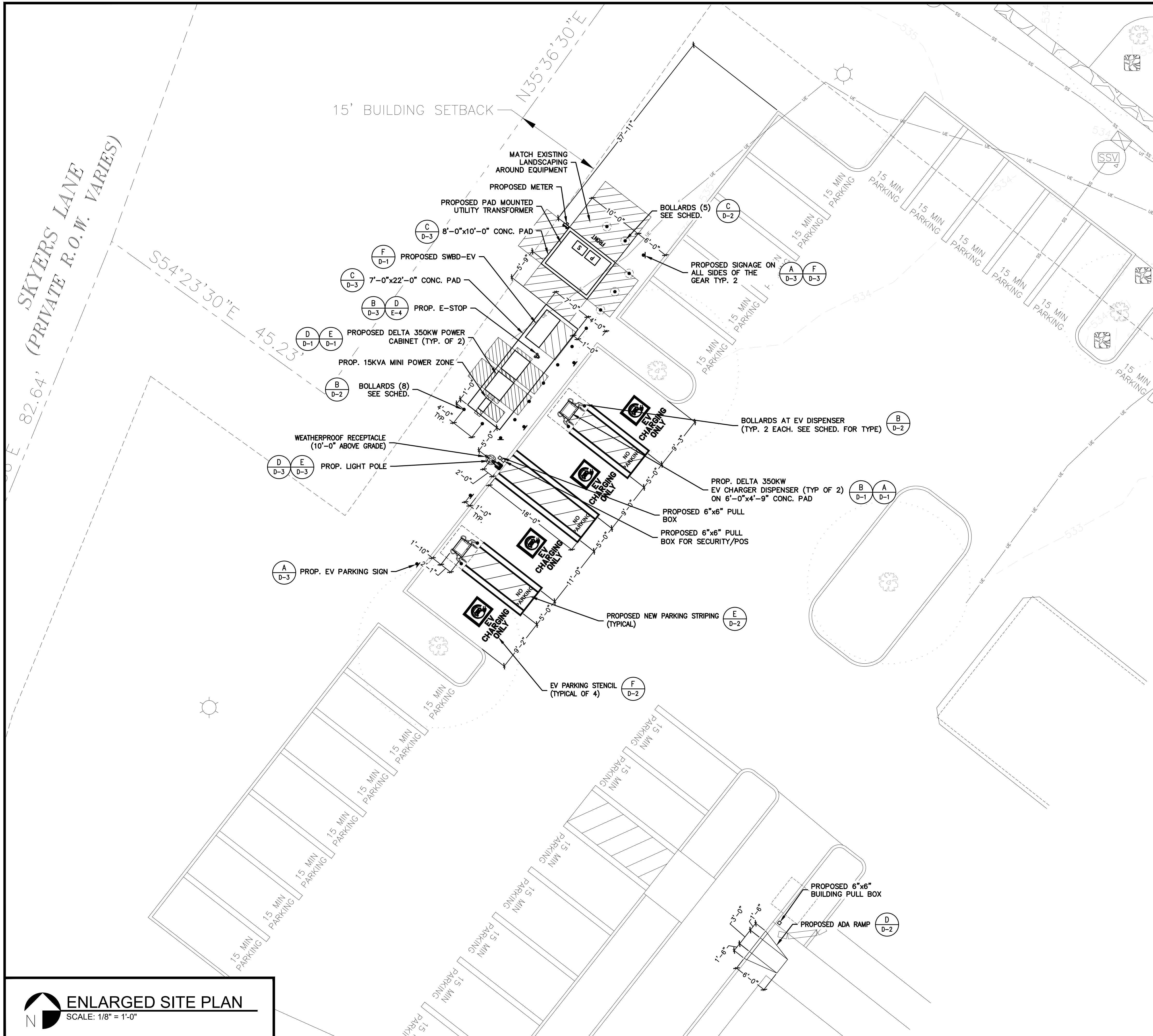
NO.	DATE	REVISION DESCRIPTION
0	2024/09/09	CONSTRUCTION READY PACKAGE
1	2024/10/08	ADDED SHEET C-1.1

DATE: 08/09/2024

SHEET TITLE: ENTIRE SITE PLAN

SHEET NUMBER: C-1.1



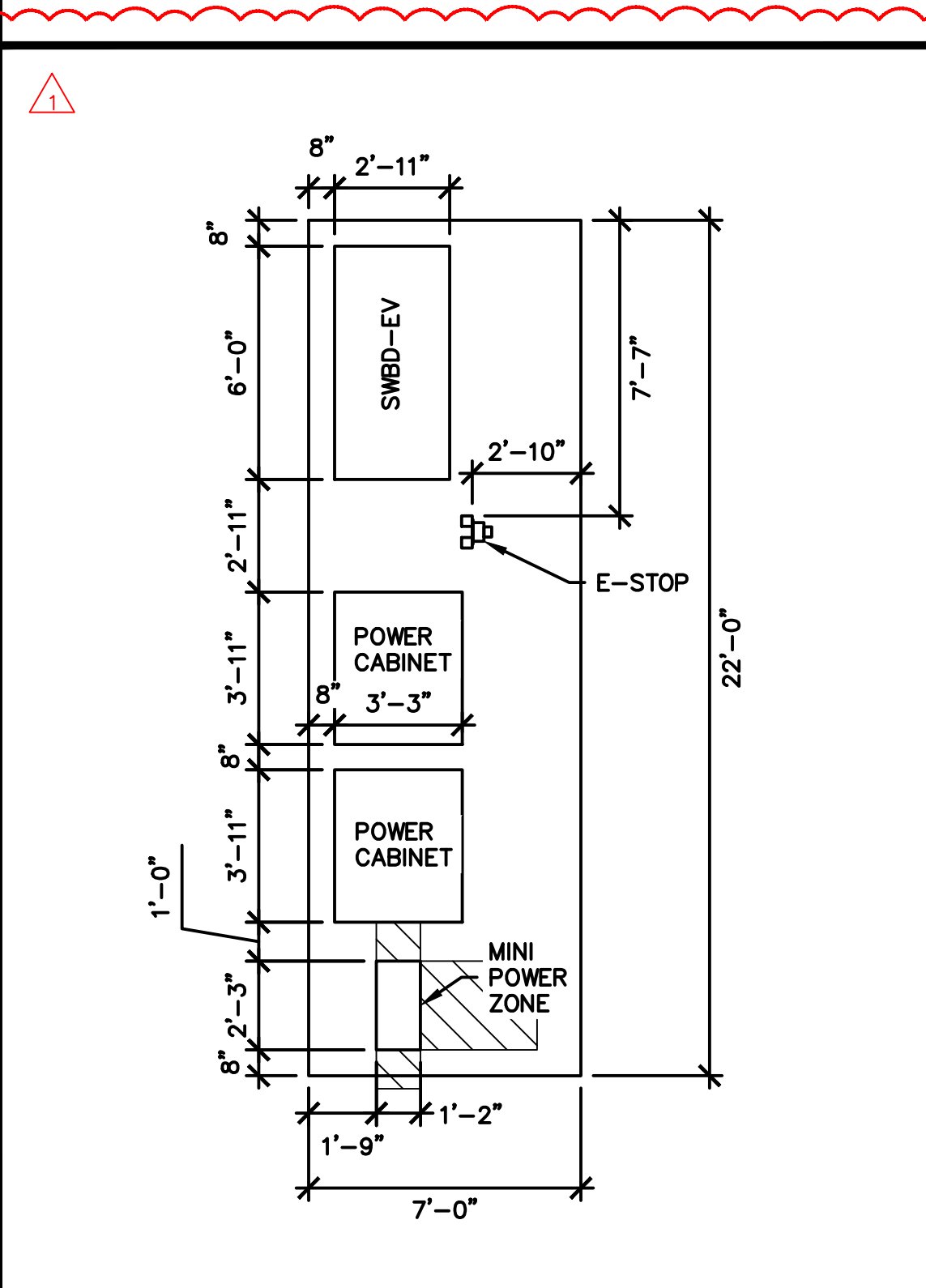


PARKING STALL SCHEDULE	
EXISTING STALLS	6
NEW STALLS	0
PROPOSED EV STANDARD STALLS	3
PROPOSED EV VAN ACCESSIBLE ADA STALLS	1
PROPOSED EV STANDARD ADA STALLS	
NET STALL COUNT	-2

BOLLARD SCHEDULE			
EQUIPMENT	BOLLARD TYPE: FRONT	BOLLARD TYPE: REAR	BOLLARD TYPE: SIDE
EV-1 DELTA 350KW	FIXED	N/A	N/A
EV-2 DELTA 350KW	FIXED	N/A	N/A
TRANSFORMER	REMOVABLE	N/A	REMOVABLE
SWITCHBOARD	FIXED	N/A	N/A
PC-1	FIXED	N/A	N/A
PC-2	FIXED	N/A	N/A
MINI POWER ZONE	FIXED	N/A	N/A

NOTES

- CONTRACTOR SHALL PROVIDE SEAL COAT TO ALL ASPHALT IN AREA OF NEW CONSTRUCTION
- CONTRACTOR SHALL MATCH EXISTING SITE CURBING AS REQUIRED



EQUIPMENT PAD LAYOUT
SCALE: 1/4" = 1'-0"

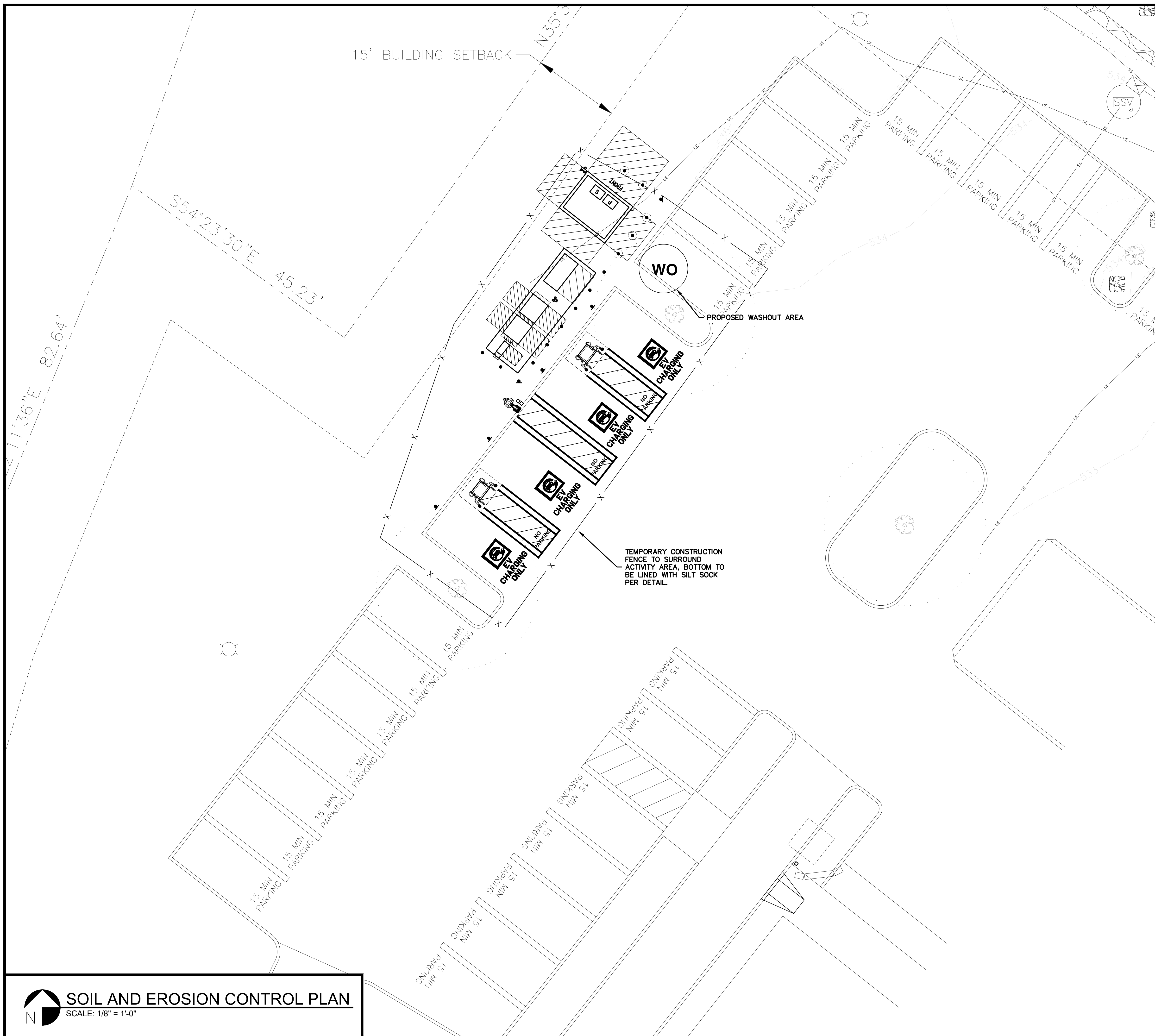


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1	2024/10/08	ADDED SHEET C-1.1

DATE: 08/09/2024
SHEET TITLE: ENLARGED SITE PLAN
SHEET NUMBER: C-3

ENLARGED SITE PLAN
SCALE: 1/8" = 1'-0"

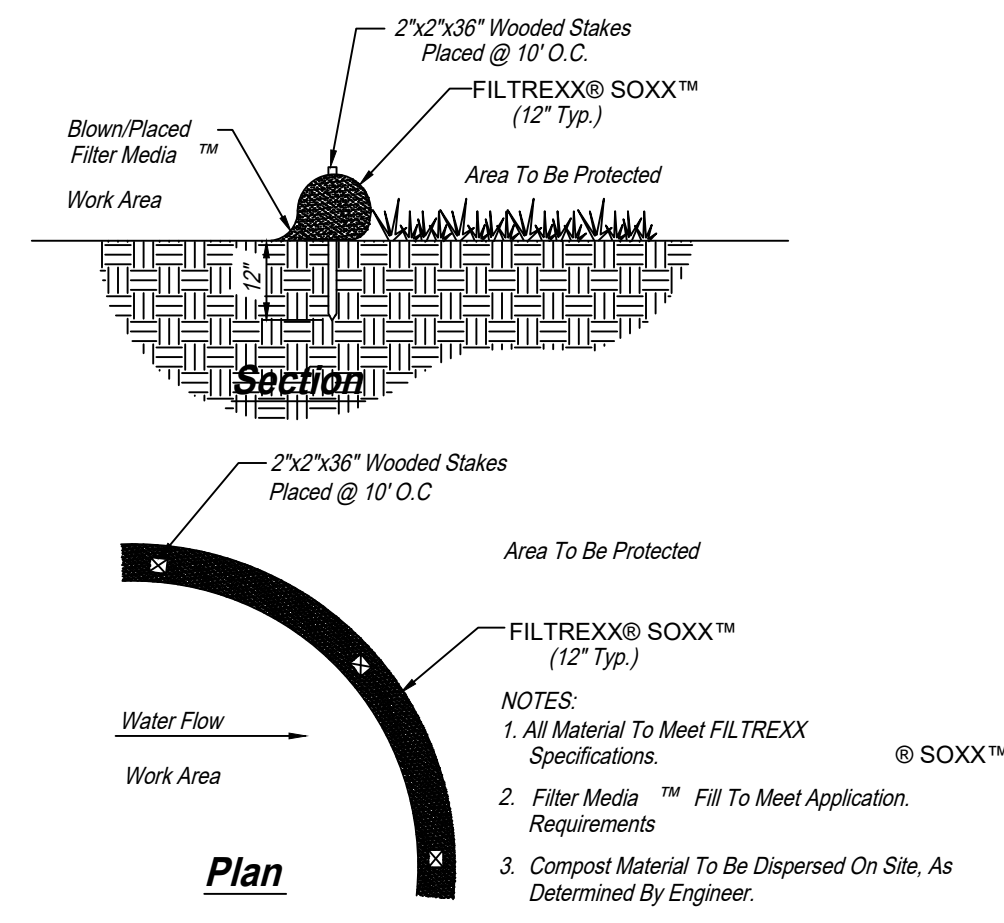


GENERAL NOTES

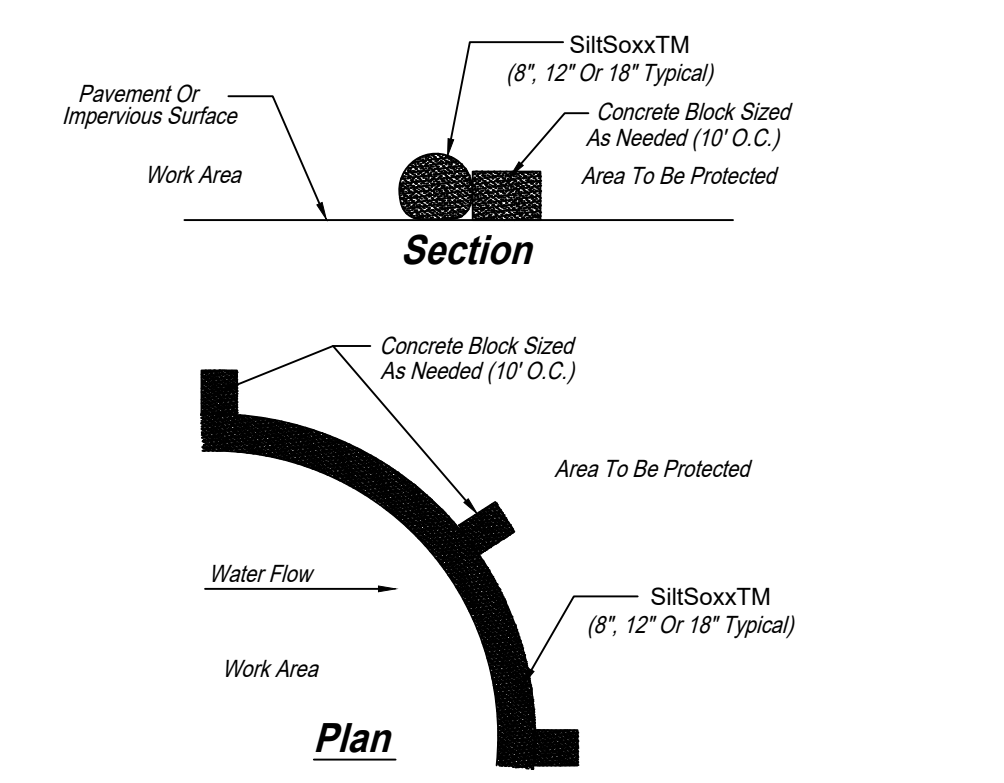
1. SILT FENCE TO BE USED WITHIN GRASS
2. SILT SOCK TO BE USED WITHIN PAVED AREAS
3. EROSION CONTROL TO BE PROVIDED AND MAINTAINED AROUND ENTIRE DISTURBED AREA DURING CONSTRUCTION.
4. ANY STOCKPILE AREA FOR EXCAVATED MATERIAL IS TO REMAIN WITHIN THE FENCED/SOCKED AREA. COORDINATE LOCATION IN FIELD.



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FILTREXX® Sediment Control
Alternate To Silt Fence



SiltSoxxTM For Sediment Control On Pavement

- NOTES:
1. All Material To Meet Specifications.
 2. Filter Media™ Fill To Meet Application Requirements
 3. Filter Media™ To Be Dispersed On Site, As Determined By Engineer.

SILT SOCK DETAIL
 NO SCALE

NO.	DATE	REVISION DESCRIPTION
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1	2024/10/08	ADDED SHEET C-1-1

DATE: 08/09/2024

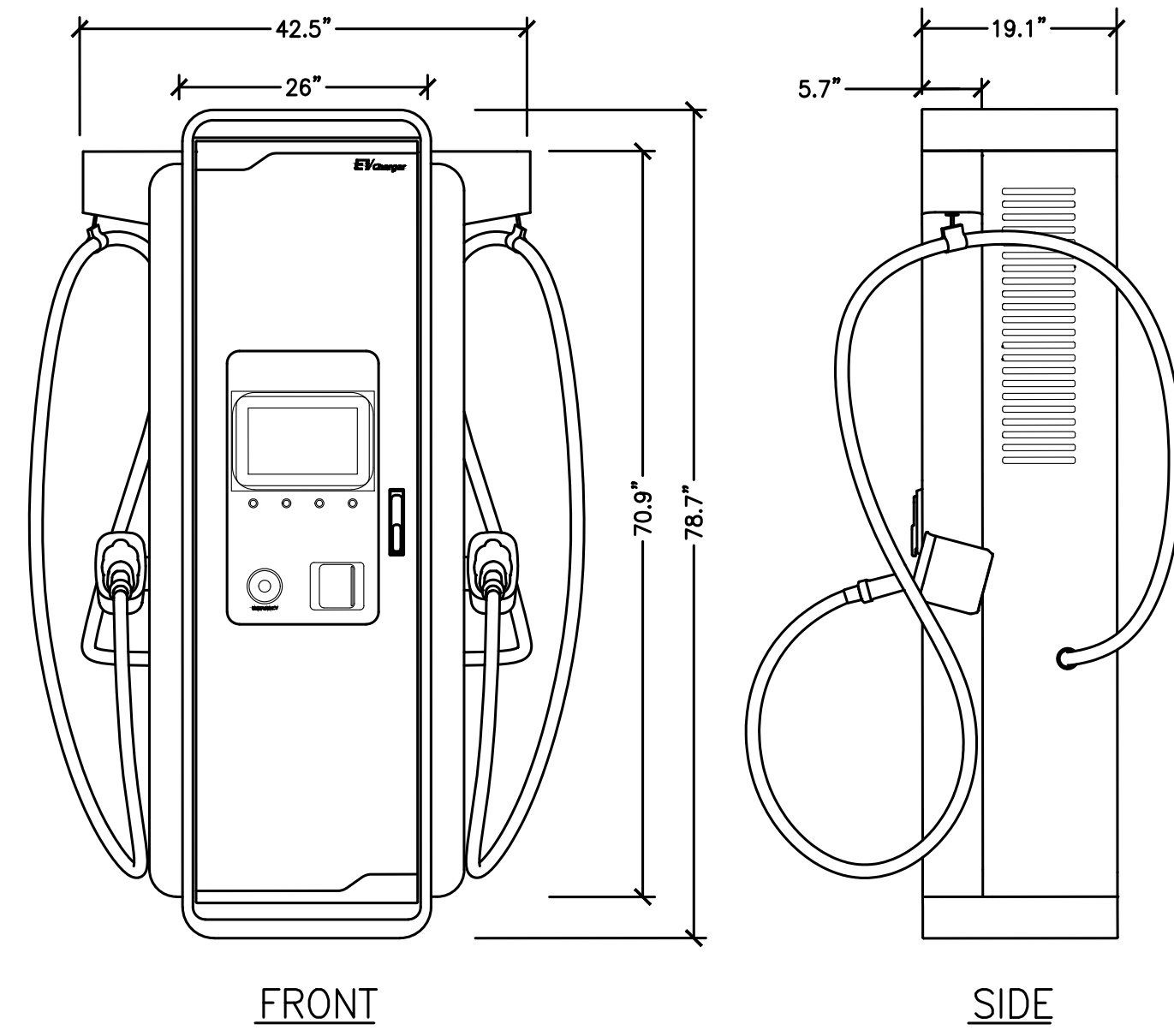
SHEET TITLE

SOIL AND EROSION CONTROL PLAN

SHEET NUMBER
C-4

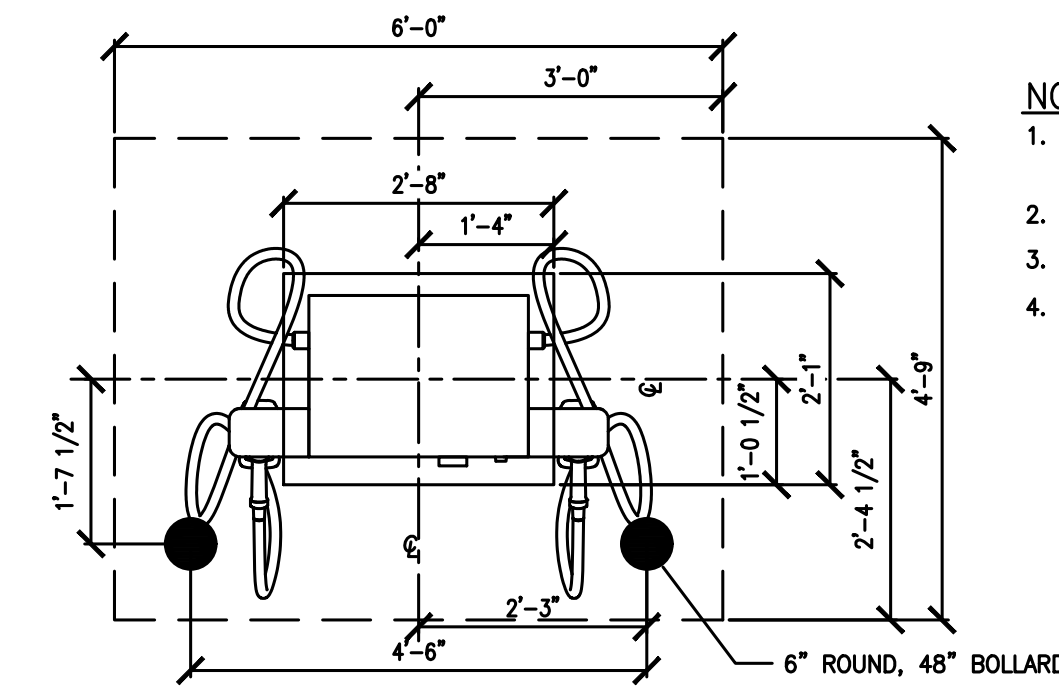
NOTES:

1. MINIMUM CONCRETE EDGE DISTANCE FOR PROPOSED ANCHORS SHALL BE 6"
2. CONTRACTOR TO FIELD VERIFY THE ANCHOR SPACING PER MANUFACTURER'S INSTALLATION MANUAL.
3. CONTRACTOR TO REFER TO THE INSTALLATION MANUAL FOR ANCHORAGE AND CONDUIT ENTRY DETAILS.



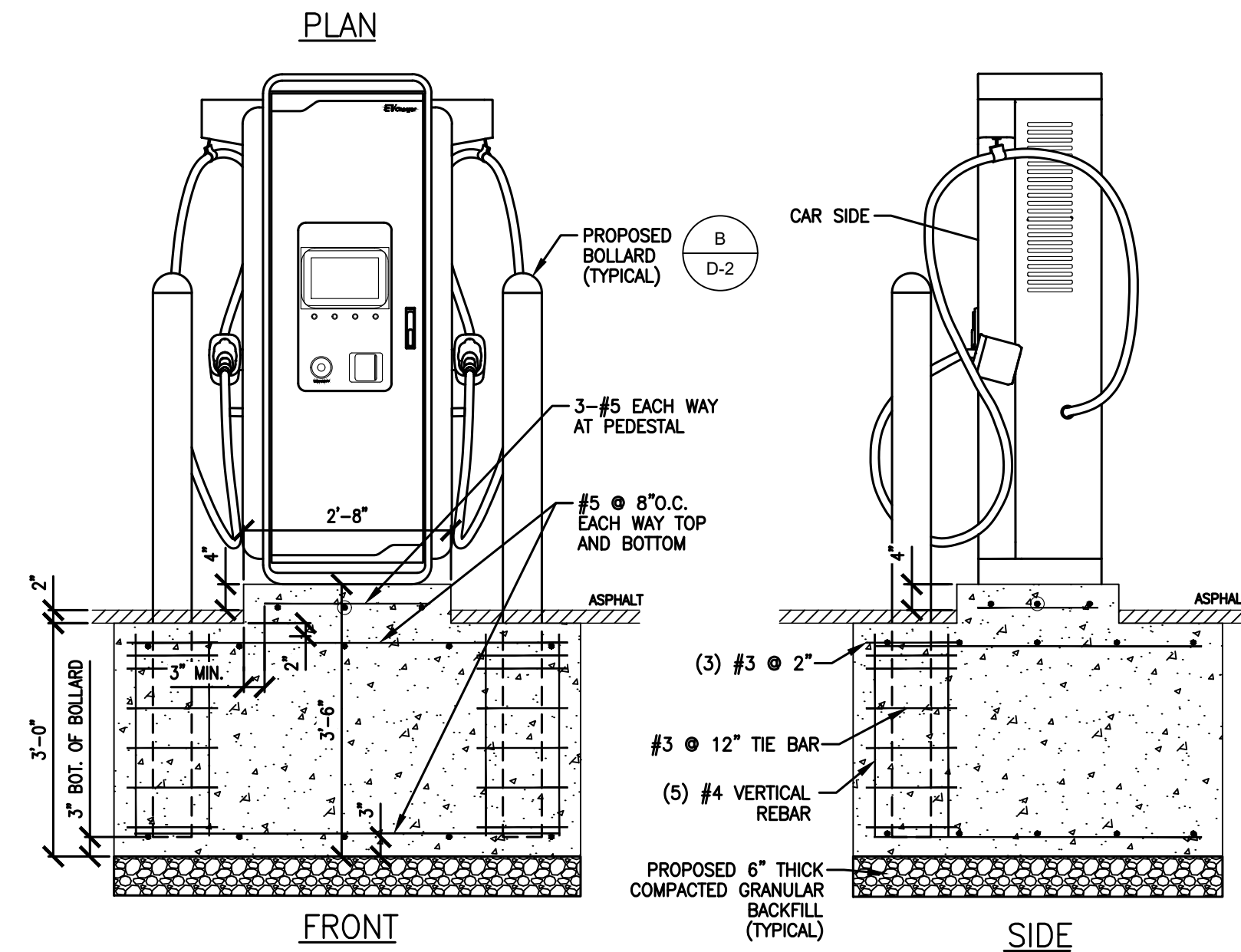
DISPENSER DETAIL (350KW)

A
D-1
NO SCALE



NOTES:

1. OPERABLE PARTS OF DISPENSER SHALL NOT EXCEED 48" ABOVE PARKING SURFACE.
2. BOLLARDS ARE FOR WARNING PURPOSE ONLY.
3. DISPENSER IS CENTERED ON PAD.
4. ENSURE A 3-INCH MINIMUM CONCRETE COVERAGE FROM EXPOSURE AROUND ALL REBAR.

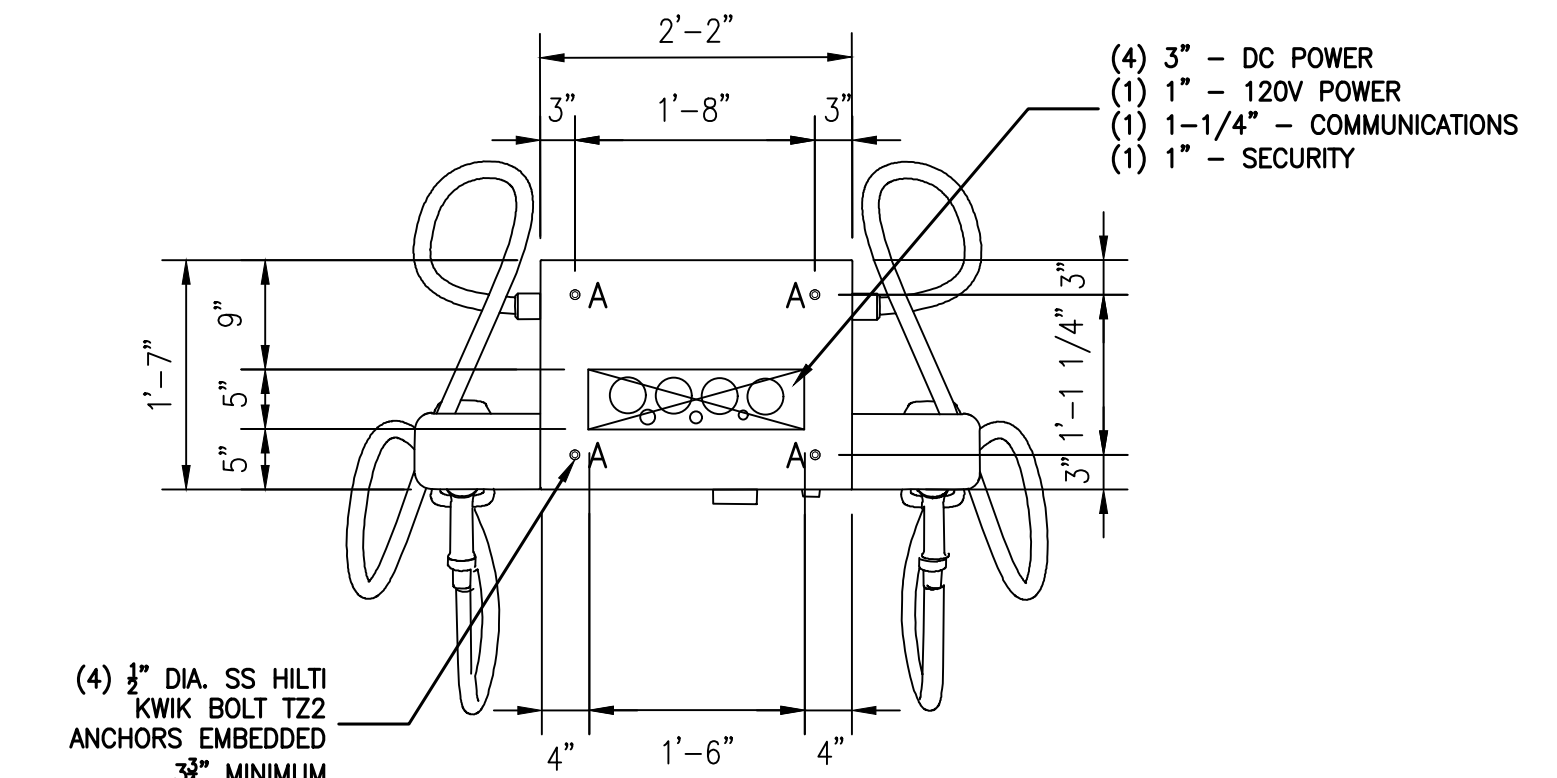


DISPENSER FOOTING DETAIL (350KW)

B
D-1
NO SCALE

NOTES:

1. CONTRACTOR TO DRILL FOUR HOLES FOR INSTALLING THE CHARGER. CUT A RECTANGLE WITH A WIDTH OF 457.2 MM (18.00") AND A DEPTH OF 127 MM (5.00") FOR HOLDING THE POWER CABLES AND THE ETHERNET CABLE.
2. CONTRACTOR TO DRILL 4 HOLES INTO THE CEMENT BASE AT THE INDICATED POSITIONS (A).
3. CONTRACTOR TO MAKE SURE THAT THE CABLES EMERGE FROM THE FLOOR THROUGH THE RECTANGLE.
4. CONTRACTOR TO MAKE SURE THAT A CABLE LENGTH OF 0.6M IS AVAILABLE ABOVE THE FLOOR FOR INTERNAL ROUTING IN THE CABINET.

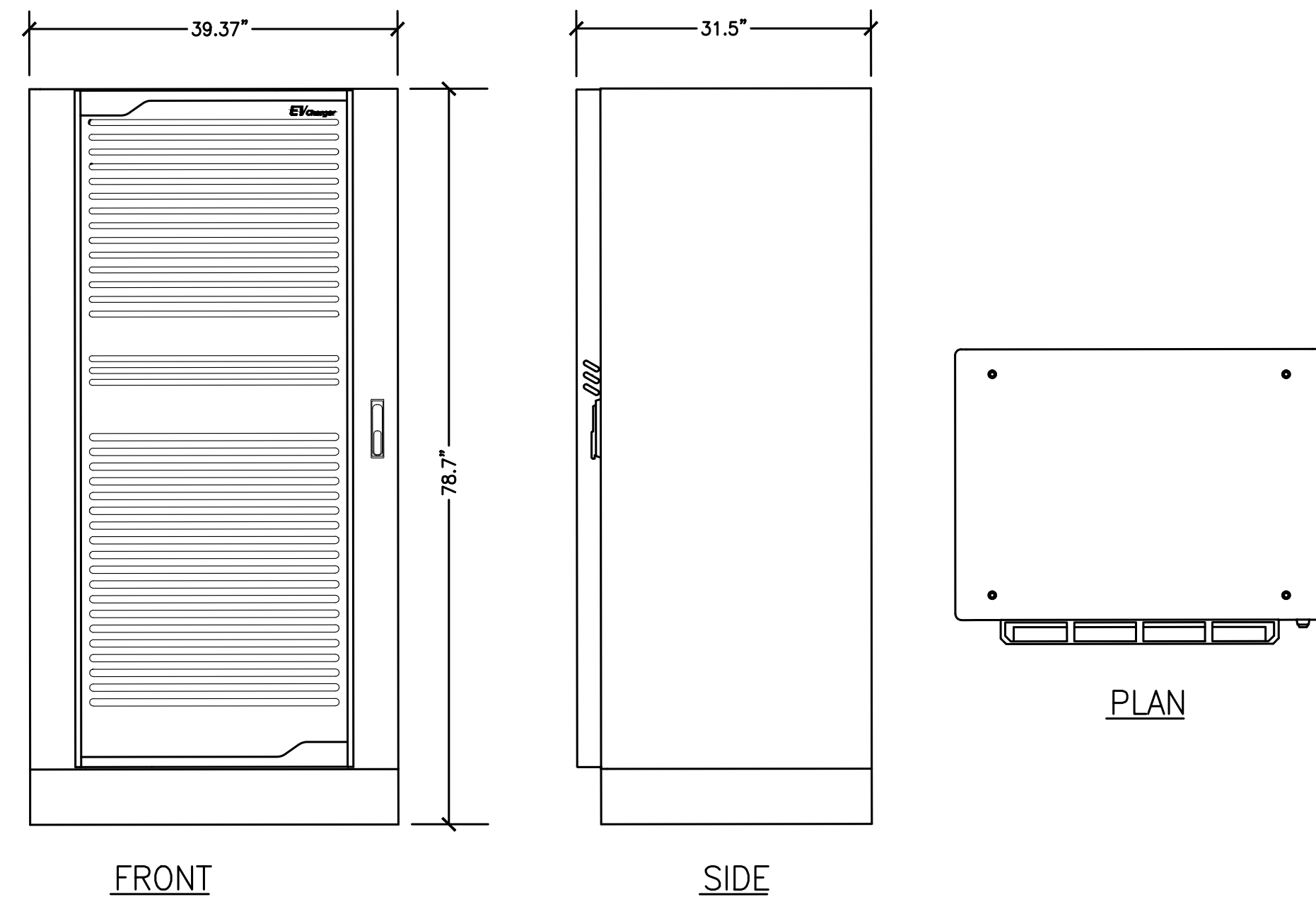


DISPENSER CABINET ANCHORAGE AND CONDUIT ENTRY DETAIL (350KW)

C
D-1
NO SCALE

NOTES:

1. MINIMUM CONCRETE EDGE DISTANCE FOR PROPOSED ANCHORS SHALL BE 6"
2. CONTRACTOR TO FIELD VERIFY THE ANCHOR SPACING PER MANUFACTURER'S INSTALLATION MANUAL.
3. CONTRACTOR TO REFER TO THE INSTALLATION MANUAL FOR ANCHORAGE AND CONDUIT ENTRY DETAILS.

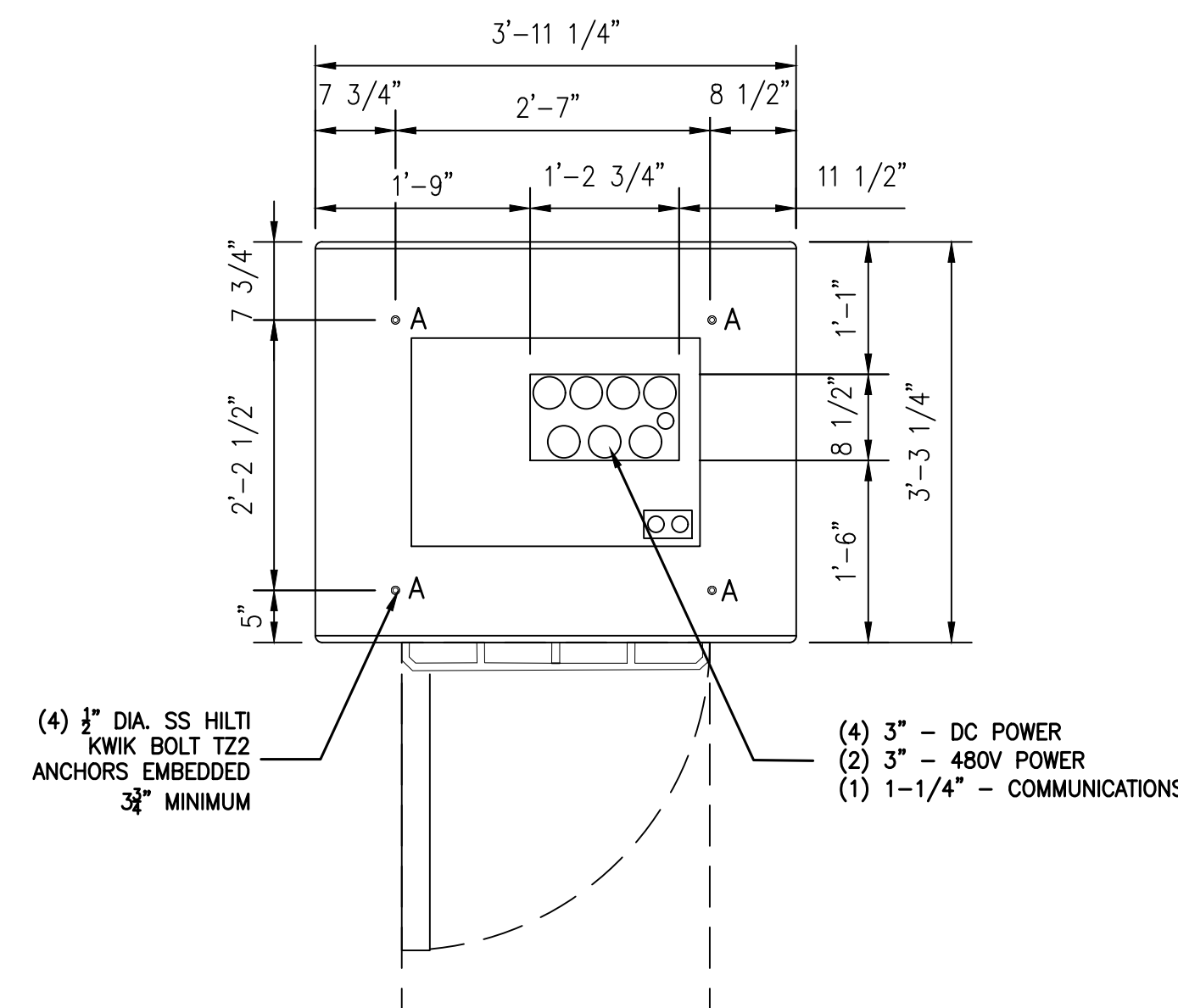


POWER CABINET DETAIL (350KW)

D
D-1
NO SCALE

NOTES:

1. CONTRACTOR TO DRILL FOUR HOLES FOR INSTALLING THE CHARGER. CUT A RECTANGLE WITH A WIDTH OF 368.3 MM (14.75") AND A DEPTH OF 370.459 MM (8.50") FOR HOLDING THE POWER CABLES AND THE ETHERNET CABLE.
2. CONTRACTOR TO DRILL 4 HOLES INTO THE CEMENT BASE AT THE INDICATED POSITIONS (A).
3. CONTRACTOR TO MAKE SURE THAT THE CABLES EMERGE FROM THE FLOOR THROUGH THE RECTANGLE.
4. CONTRACTOR TO MAKE SURE THAT A CABLE LENGTH OF 0.6M IS AVAILABLE ABOVE THE FLOOR FOR INTERNAL ROUTING IN THE CABINET.

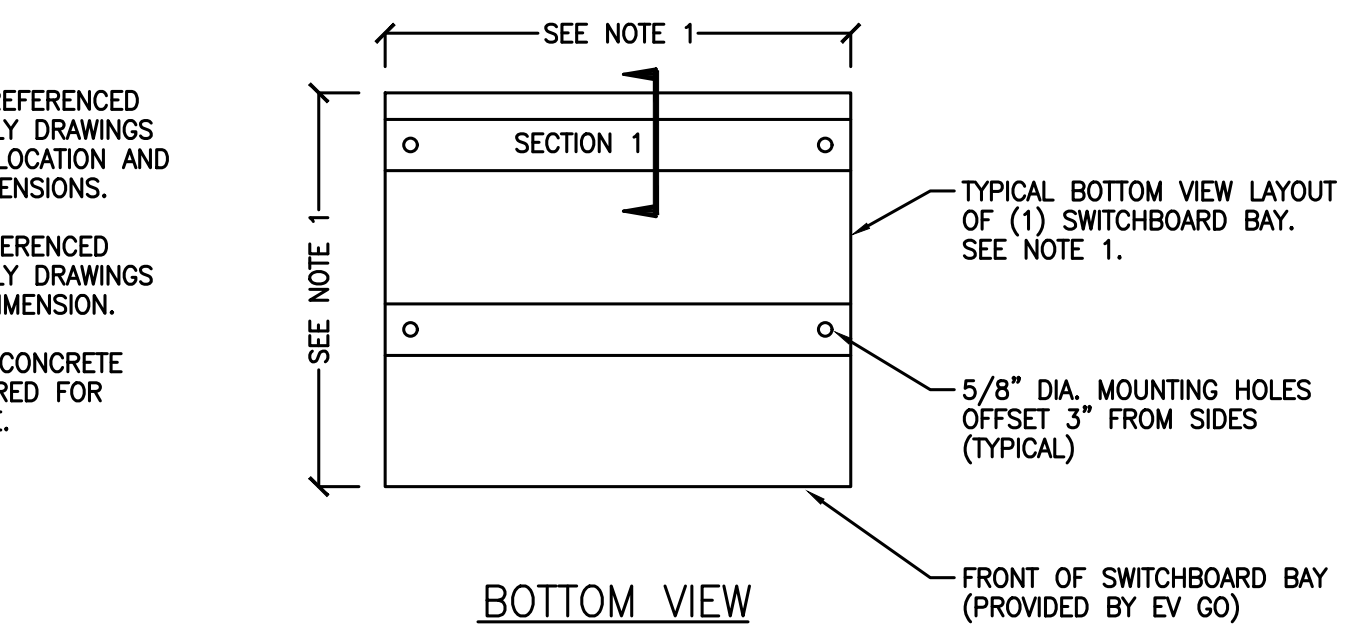


POWER CABINET ANCHORAGE AND CONDUIT ENTRY DETAIL (350KW)

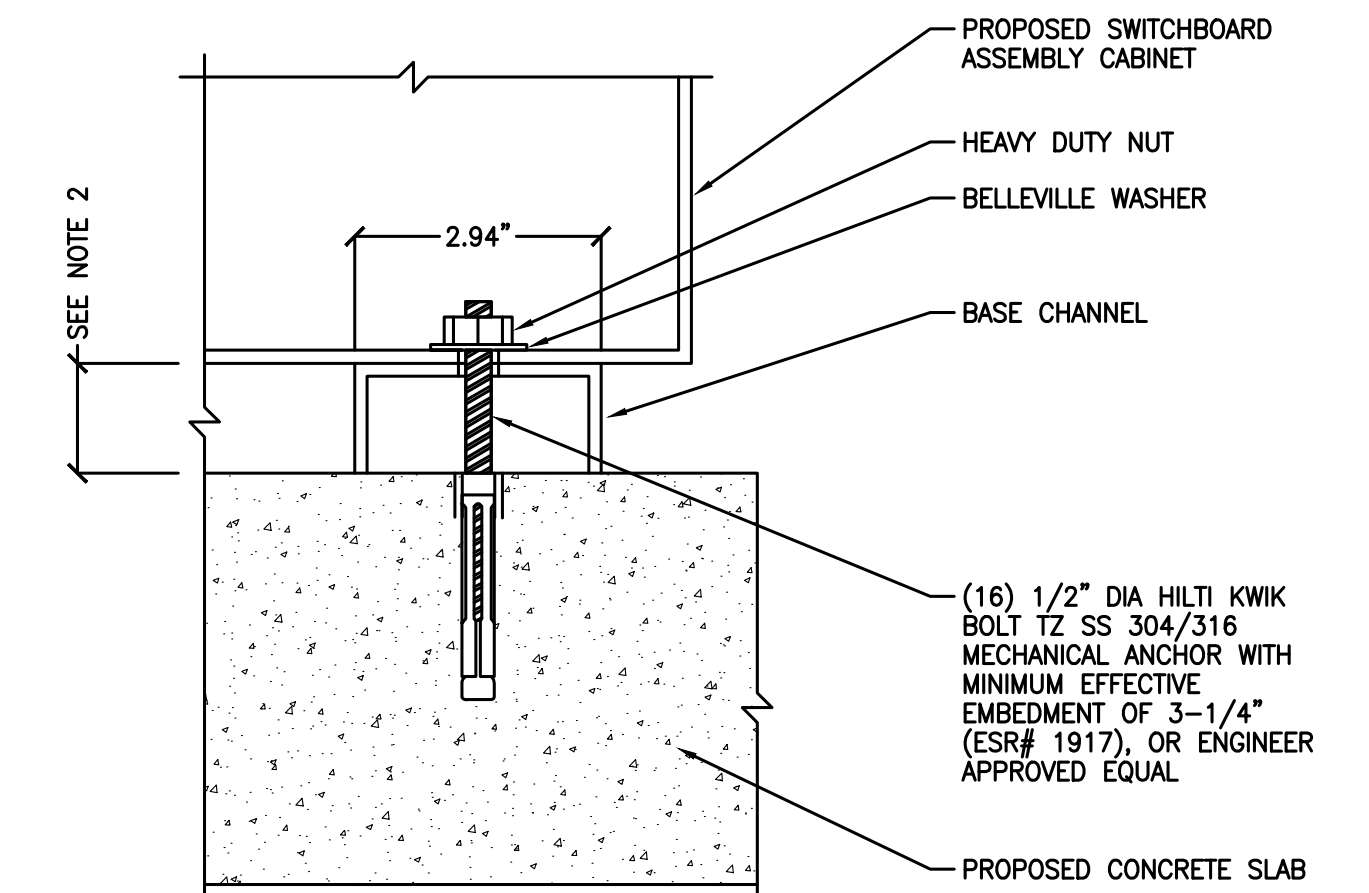
E
D-1
NO SCALE

NOTES:

1. SEE FLOOR PLAN IN REFERENCED SWITCHBOARD ASSEMBLY DRAWINGS FOR MOUNTING HOLE LOCATION AND SWITCHBOARD BAY DIMENSIONS.
2. SEE ELEVATION IN REFERENCED SWITCHBOARD ASSEMBLY DRAWINGS FOR BASE CHANNEL DIMENSION.
3. MINIMUM 10-1/2" CONCRETE EDGE DISTANCE REQUIRED FOR PROPOSED ANCHORAGE.



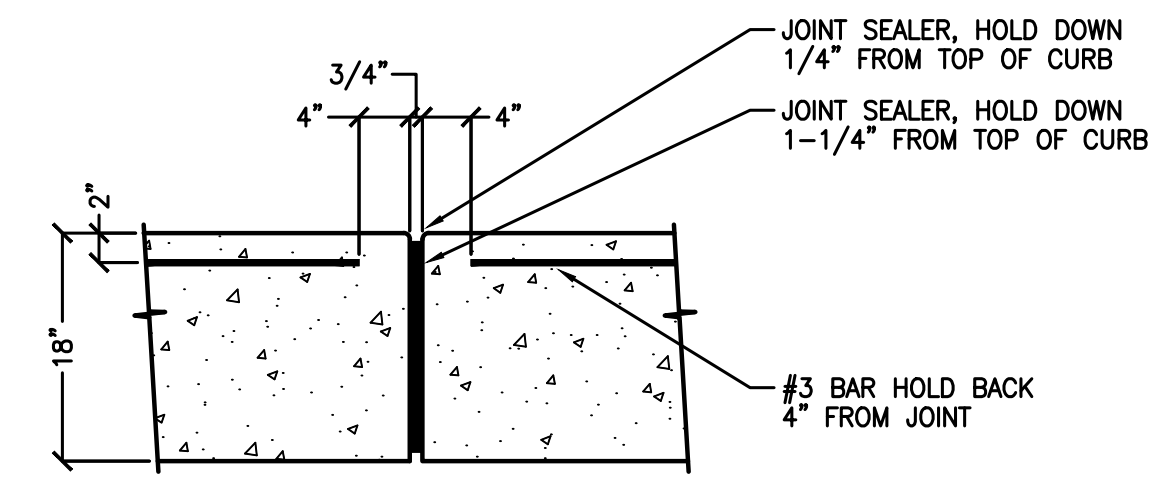
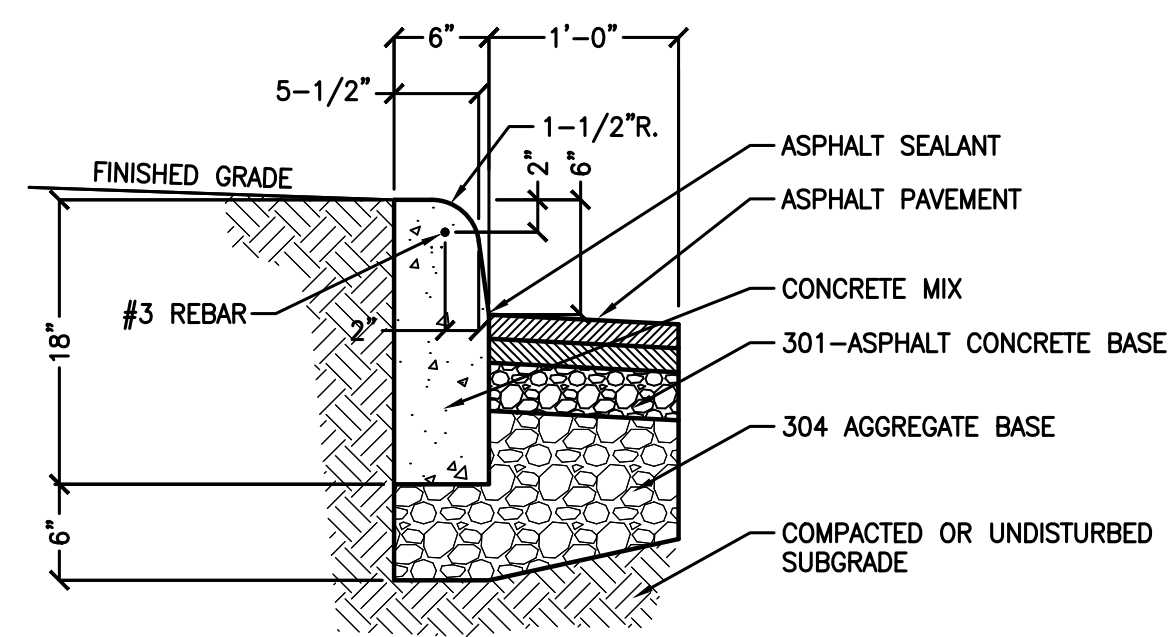
BOTTOM VIEW



SECTION 1

SWITCHBOARD MOUNTING DETAIL

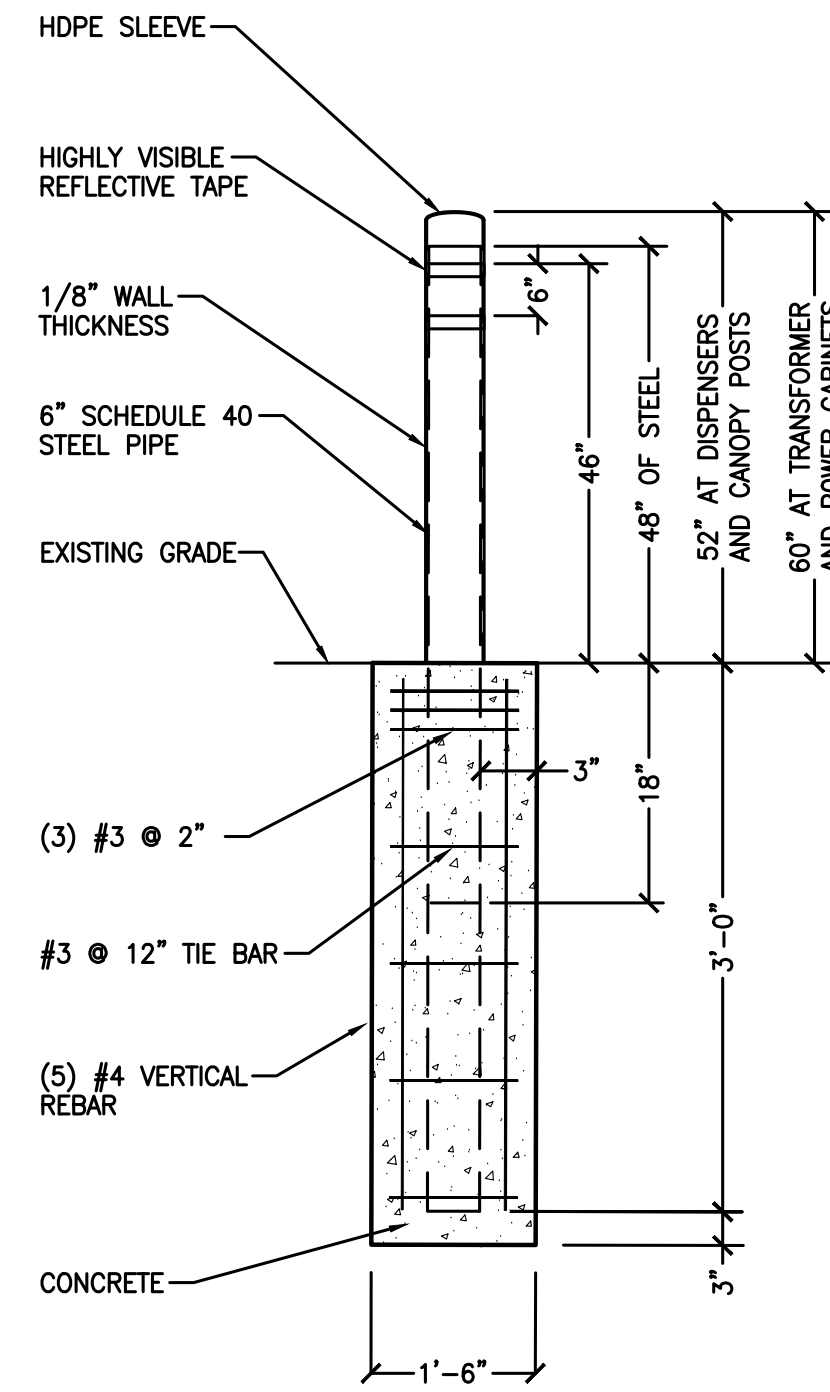
F
D-1
NO SCALE



VERTICAL CONTROL JOINT

A CONCRETE CURB
D-2 NO SCALE

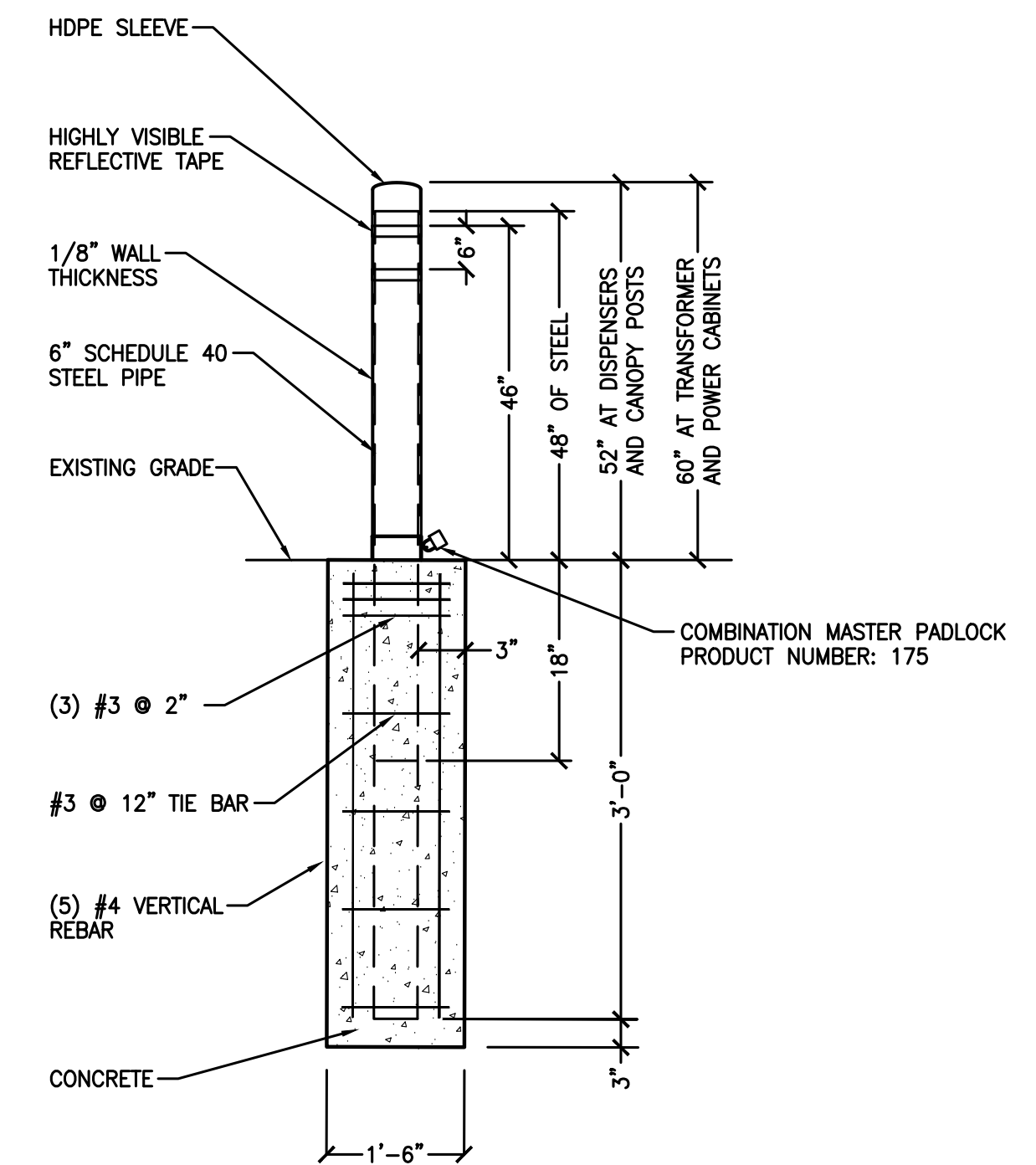
- NOTES:**
- BOLLARD IS FOR WARNING PURPOSES ONLY.
 - BOLLARD DETAIL FOR BOLLARDS AROUND EV EQUIPMENT.



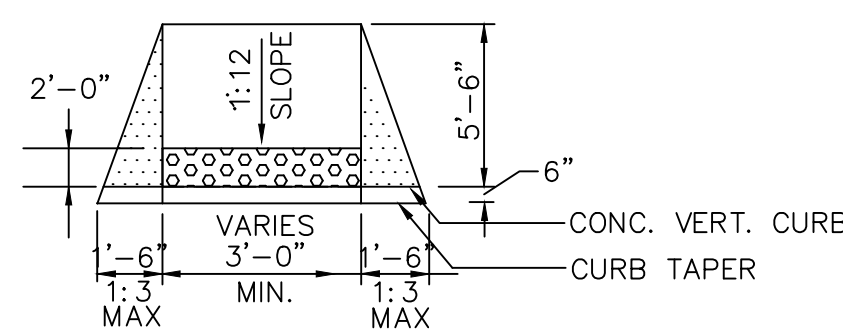
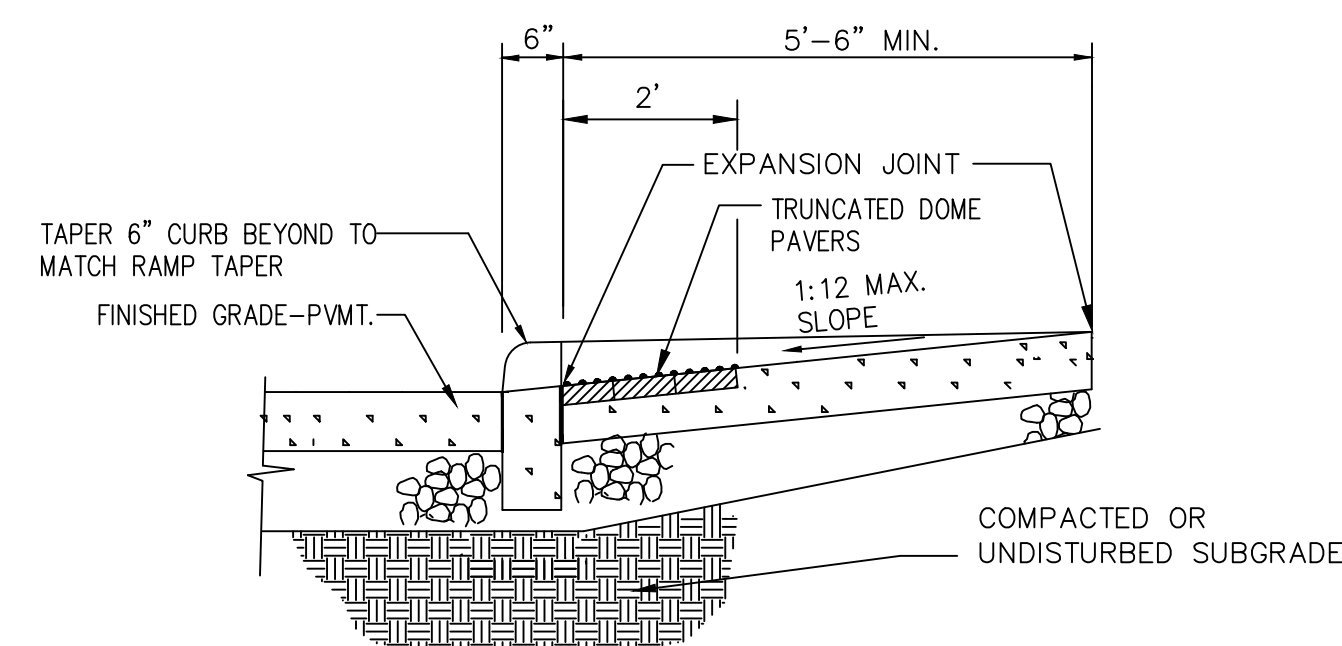
GENERAL

B 6" WARNING BOLLARD DETAIL
D-2 NO SCALE

- NOTES:**
- BOLLARD DETAIL FOR SPECIFIED BOLLARDS AROUND PAD MOUNTED TRANSFORMER.
 - PRODUCT DETAILS: IDEAL SHIELD REMOVABLE LOCKING BOLLARD PART NUMBER: REMOV-LOCK-06-GALV

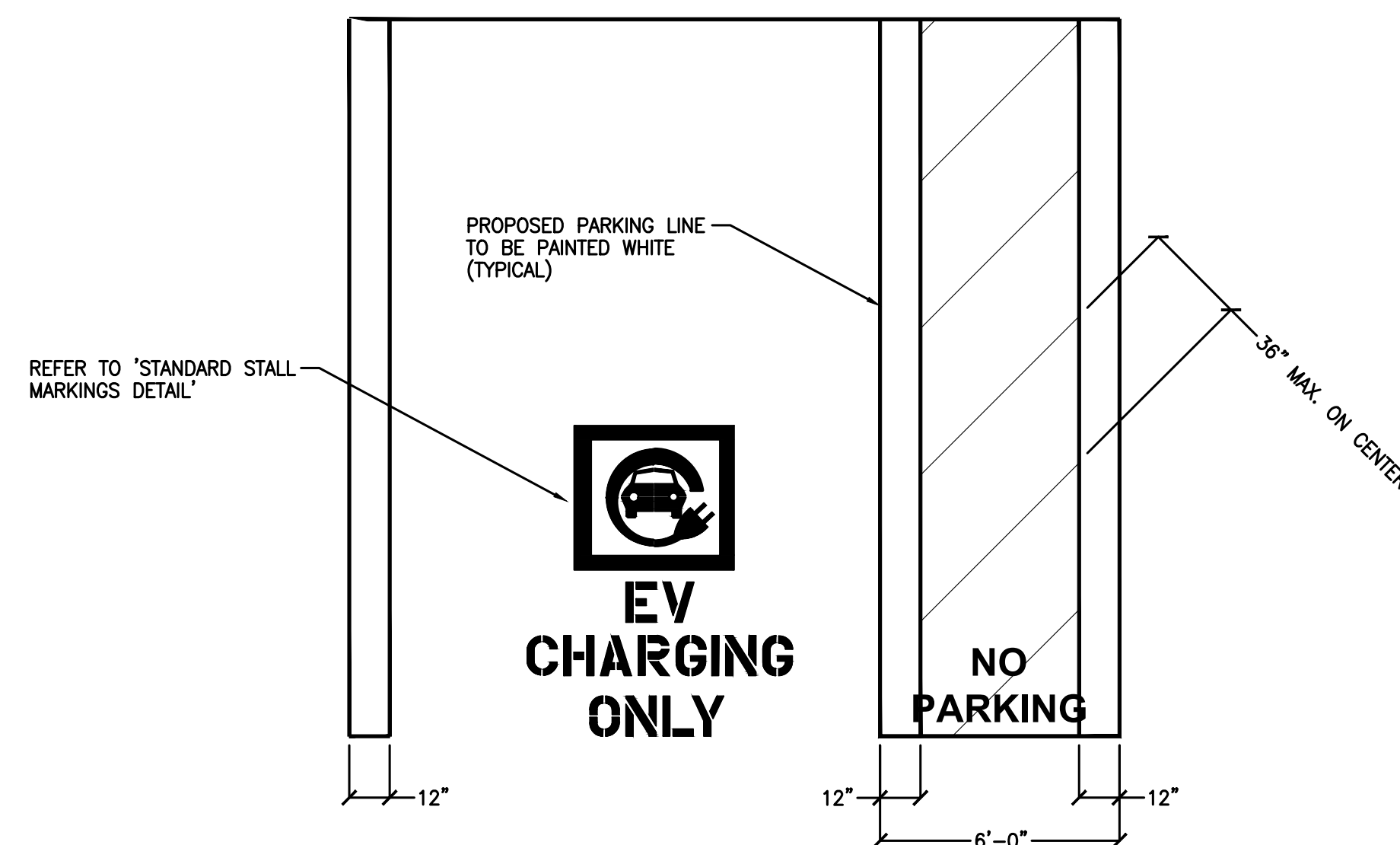


C 6" REMOVABLE LOCKING BOLLARD DETAIL
D-2 NO SCALE

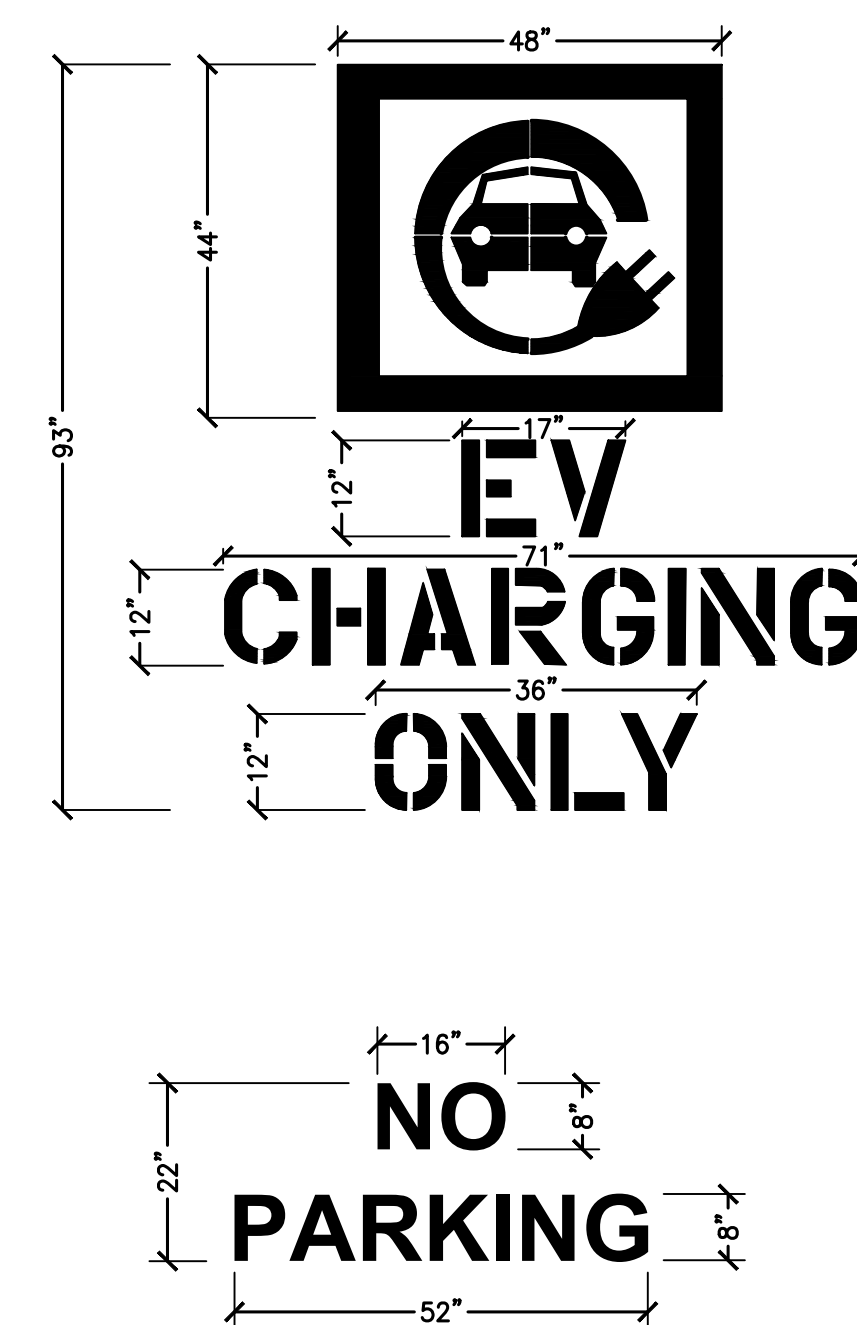


D ACCESSIBLE RAMP
D-2 NO SCALE

- NOTES:**
- PROPOSED ACCESSIBLE STALLS AND ACCESS AISLE SHALL BE 2% MAX SLOPE IN ALL DIRECTIONS.
 - REFER TO SHEET C-3 FOR PROPOSED SITE PLAN.
 - LOWER SIDE OF MARKING SHOULD BE ALIGNED WITH THE END OF THE PARKING SPACE.
 - THE CENTER OF THE TEXT SHALL BE A MAXIMUM OF 6 INCHES FROM THE CENTERLINE OF THE VEHICLE SPACE.



E EVCS ACCESSIBLE STALL MARKING PLAN
D-2 NO SCALE

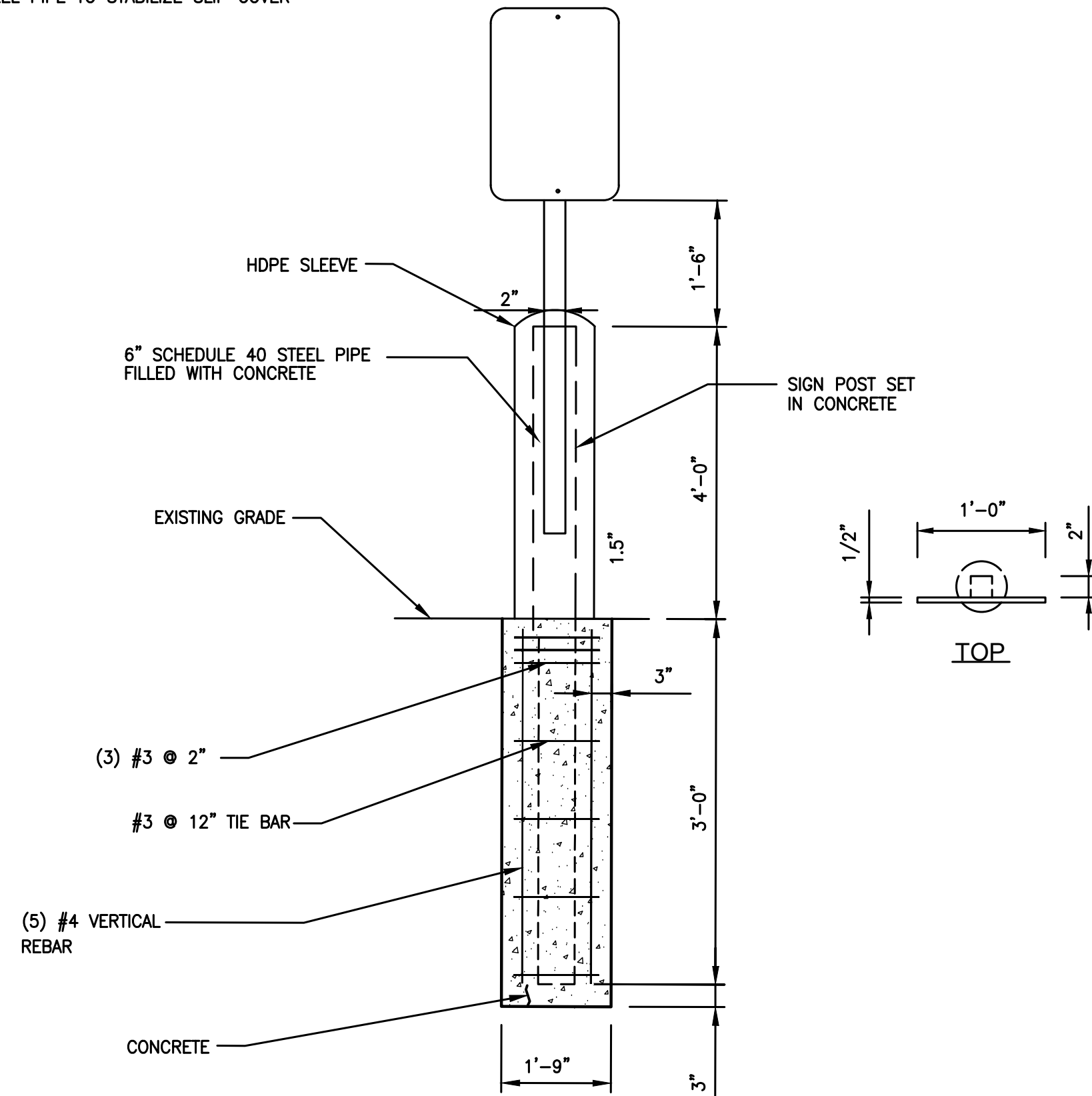


- NOTE:**
- PROVIDE 4.5" SPACING BETWEEN STENCILS
 - LOCATION: CENTER AT FOOT OF PARKING STALL
 - FONT: STANDARD GOTHIC
 - COLOR: WHITE ON EXISTING SURFACE (NO FILL INSIDE STENCIL)

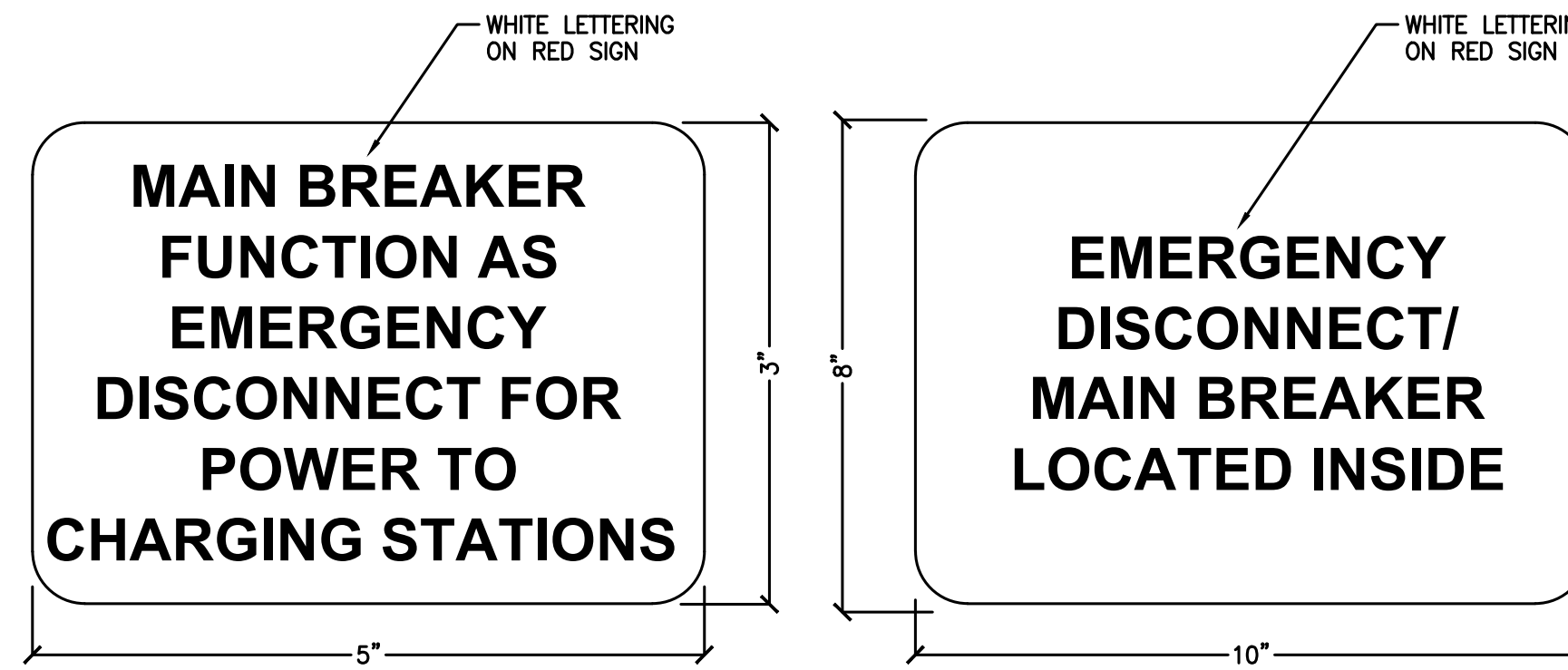
F STANDARD STALL MARKINGS DETAIL
D-2 NO SCALE

NOTES:

- BOLLARD IS FOR WARNING PURPOSES ONLY.
- CONTRACTOR TO CUT HOLE IN TOP OF PROVIDED BOLLARD COVER AND SMOOTH EDGES TO PREVENT CUT HAZARD
- CONTRACTOR TO PROVIDE (2) 6' LONG, 1/2" THICK FOAM STRIPS CROSSED OVER TOP OF STEEL PIPE TO STABILIZE SLIP COVER



A 6" WARNING BOLLARD WITH SIGN DETAIL
D-3 NO SCALE



- NOTES:**
- TO BE PLACED BY THE MAIN BREAKER INSIDE SWITCHBOARD.

- NOTES:**
- TO BE PLACED ON OUTSIDE OF SWITCHBOARD SECTION HOUSING THE MAIN BREAKER.

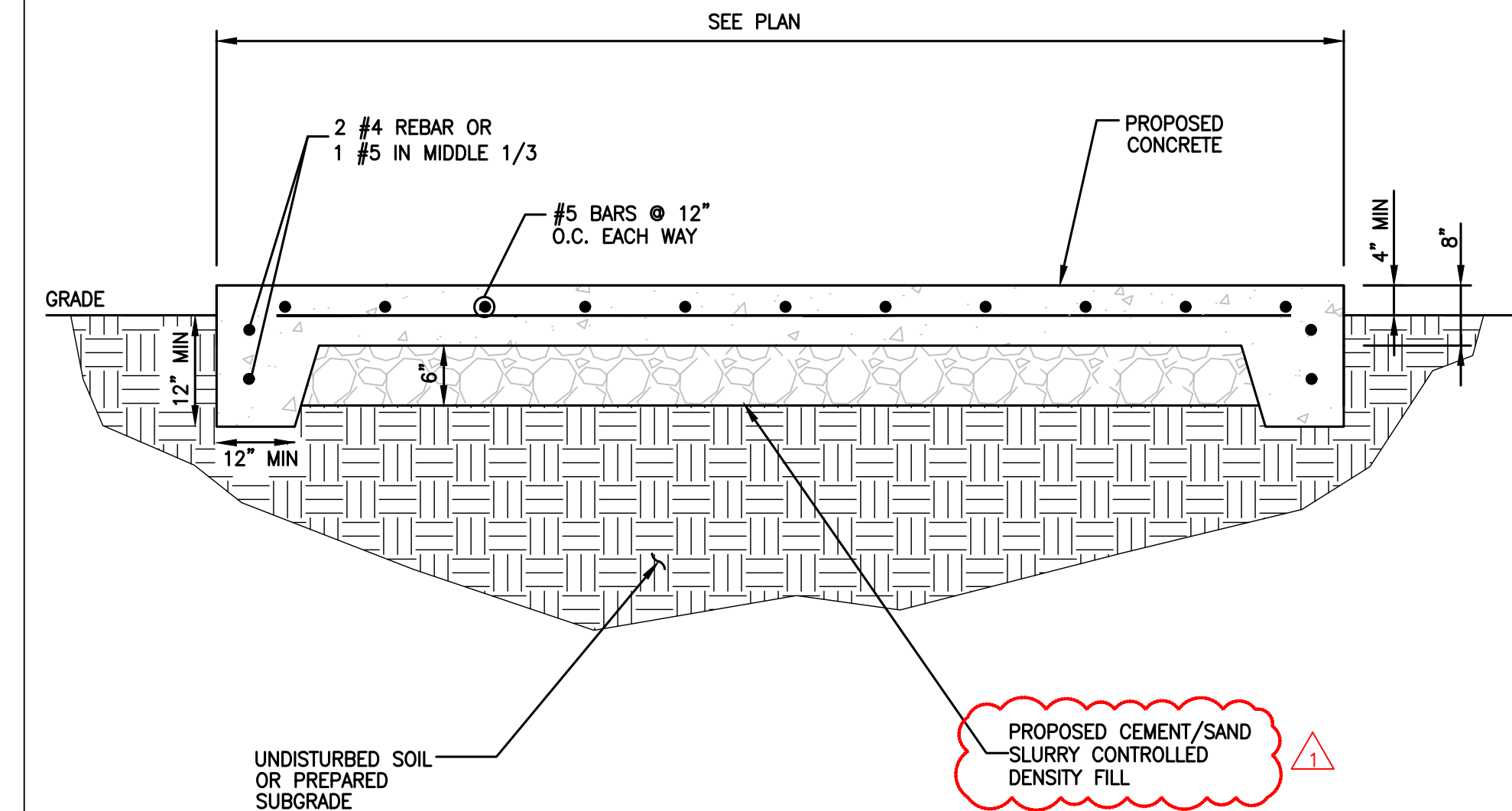


- NOTES:**
- TO BE PLACED ON CANOPY/POLE FACING E-STOP LOCATION.



- NOTES:**
- TO BE PLACED AT E-TOP LOCATION.

B EMERGENCY DISCONNECT SIGN DETAILS
D-3 NO SCALE

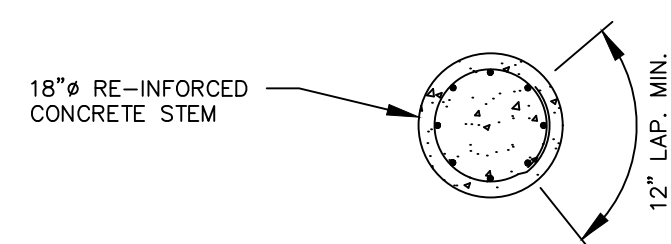


C CONCRETE PAD DETAIL
D-3 NO SCALE

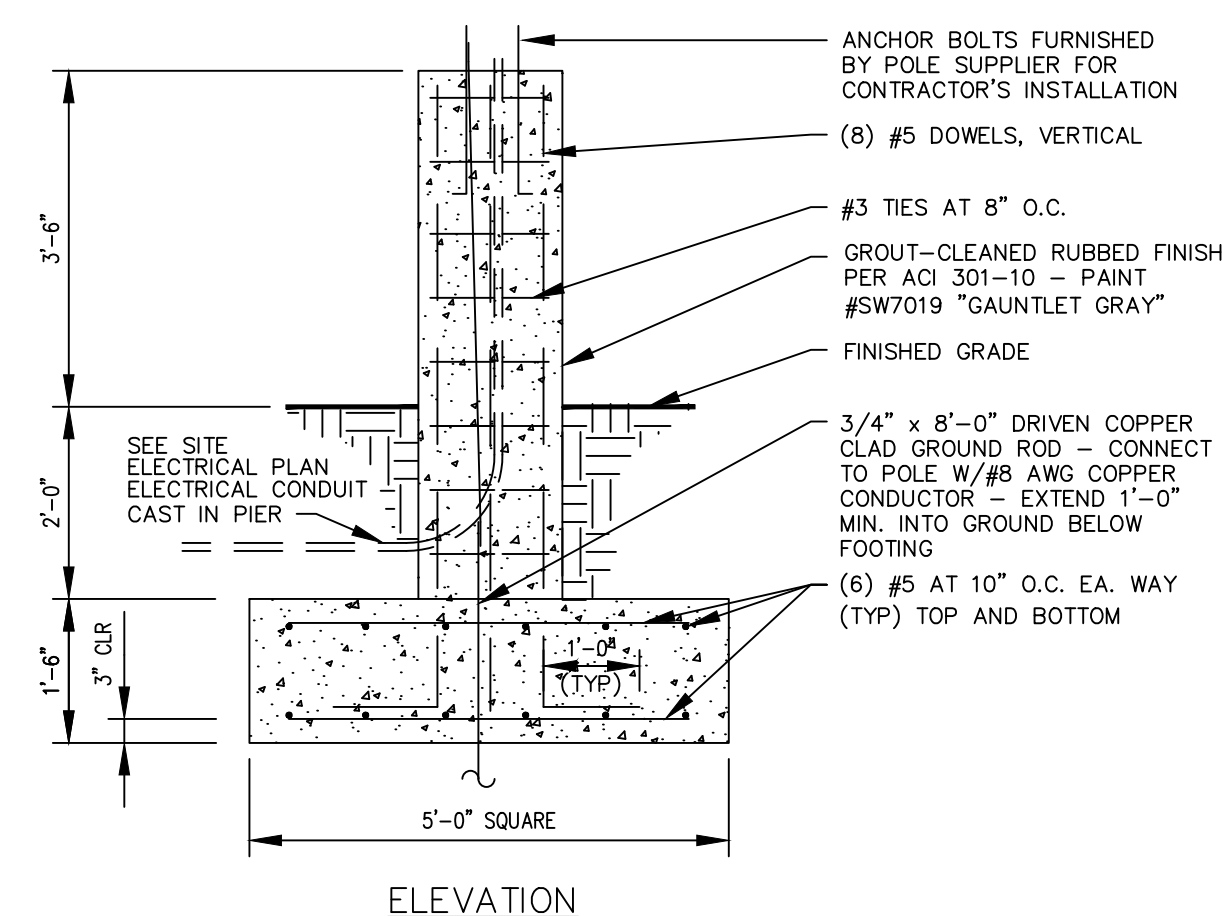
DESIGN DATA - 24'-4" TOTAL HT.
DESIGN DATA TO BE VERIFIED WITH POLE MANUFACTURER.
MOMENT AT BASE PLATE 4,300 FT LBS
SHEAR AT BASE PLATE 420 LBS
AXIAL LOAD 500 LBS
MAXIMUM WIND SPEED FOR DESIGN= 100 MPH

PIER/PILE NOTES

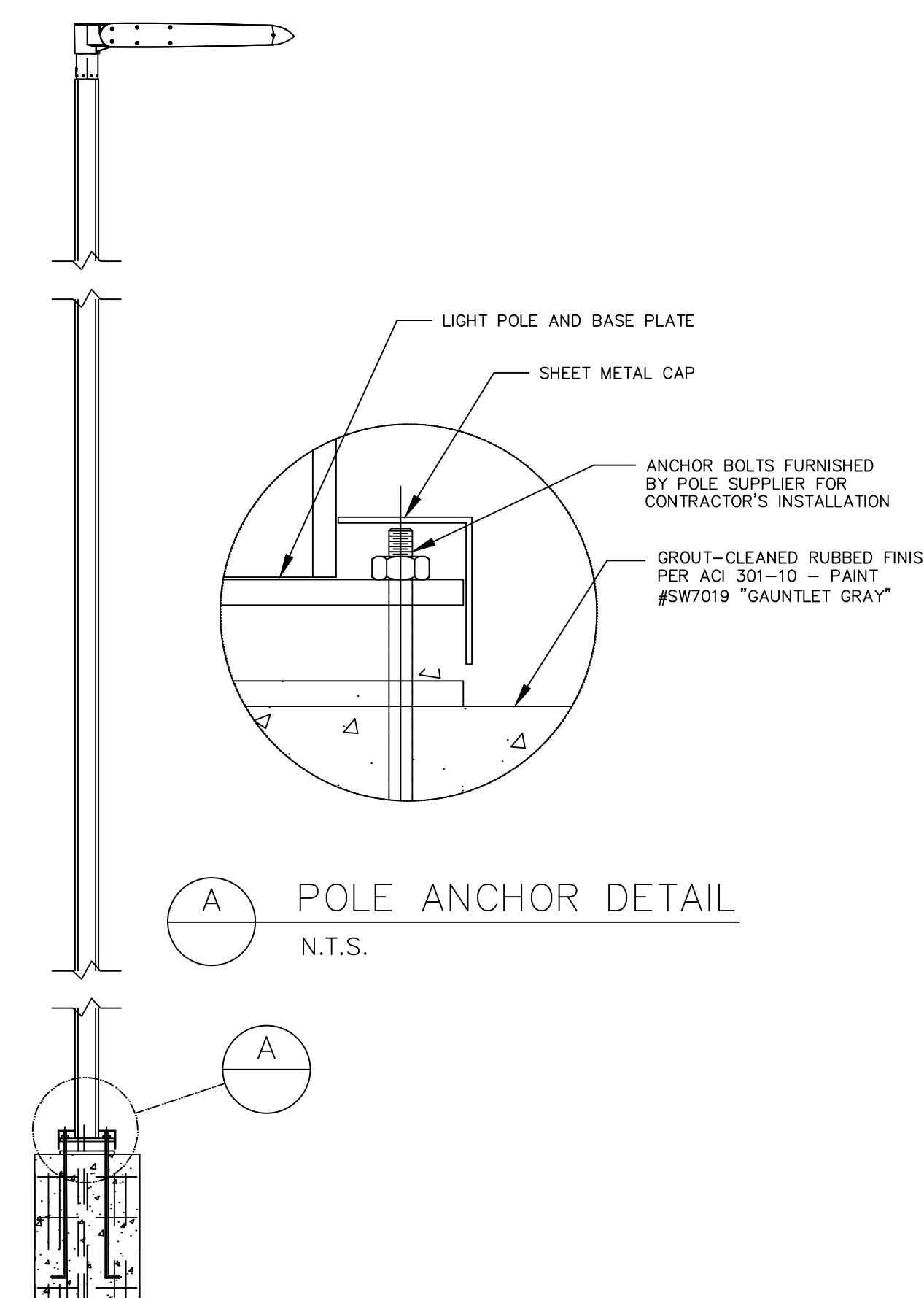
- BURIAL DEPTH TO TOP OF SPREAD FOOTING TO BE A MINIMUM OF 2'-0" OR EXTEND TOP OF FOOTING DOWN BELOW FROST LINE.



PLAN

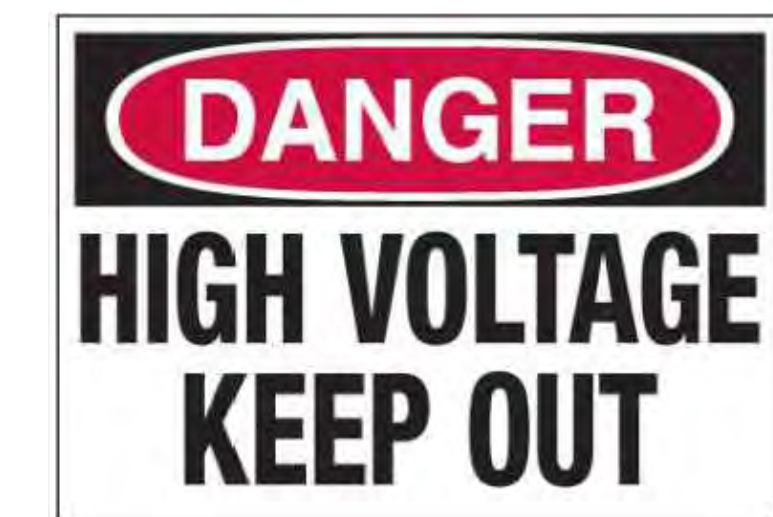


D LIGHT POLE BASE DETAIL
D-3 1/2" = 1'-0"



A POLE ANCHOR DETAIL
N.T.S.

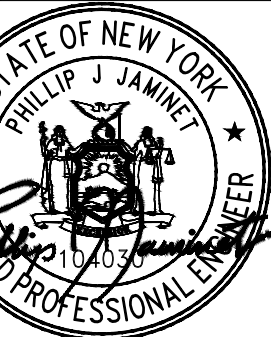
E LIGHT POLE MOUNTING DETAIL
D-3 NO SCALE



F SIGNAGE AROUND GEAR
D-3 NO SCALE

EVgo
FAST CHARGING

OWL
eMobility



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REVISION DESCRIPTION
CONSTRUCTION READY PACKAGE
ADDED SHEET C-1-1

DATE 08/09/2024
NO. 0
DATE 2024/10/08
NO. 1

DATE 08/09/2024

SHEET TITLE
DETAILS

SHEET NUMBER
D-3

Product data sheet

Specifications

SQUARE D



Unit substation, Mini Power-Zone, plug on, 15kVA, 3 phase, 480V primary, 208Y/120V secondary, 18kA, C

MPU15T2F

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 10,088.00 USD

Main

Product	Sealed Transformer
Certifications	UL Listed
Type	Mini Power-Zone
Enclosure Code	C
Insulation Temperature	385°F (185°C)
Phase	3 phase
Primary Voltage	480 V
Secondary Voltage	208Y/120 V
Full Capacity Taps	2.5 % FCBN
Power Rating	15 kVA
Temperature Rise	115 °C
Winding Material	Copper
Interrupt Rating	18 kA
Circuit Breaker Type	feeder breaker primary main breaker secondary main breaker
Interior Type	GO Load Center interior
Number Of Spaces Available	27
Number Of Circuits	27
Enclosure Type	NEMA 3R hot-rolled steel

Complementary

Height	45.20 in (1148.08 mm)
Width	27.40 in (695.96 mm)
Depth	13.50 in (342.9 mm)
Product Weight	510.00 lb(US) (231.33 kg)

Ordering and shipping details

Category	US10PE218275
Discount Schedule	OPE2

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

Gtin	785901728139
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCB
Number Of Units In Package 1	1
Package 1 Height	45.20 in (114.8 cm)
Package 1 Width	27.40 in (69.6 cm)
Package 1 Length	13.50 in (34.3 cm)
Package 1 Weight	550.00 lb(US) (249.476 kg)

Contractual warranty

Warranty	18 months
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Disclaimer: This documentation is provided as a reference for users to assist in determining suitability or viability of Power products for specific use applications.



EV Charging Solution

DC Charger / High Power Charger 350kW

- Distributed space-saving architecture
- 95% peak power efficiency for energy saving
- OCPP and network connectivity for seamless system integration

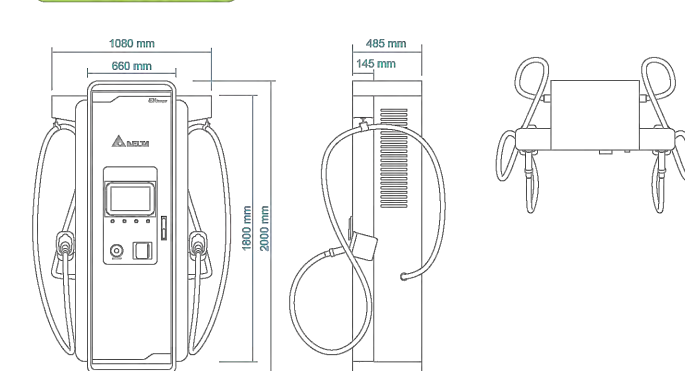


Specifications - Dispenser

Part Number	EIDD-U
Power Input	
Input Rating	480 Vac Three phase, 60Hz
Power Output	
Output Voltage	1000Vdc max
Output Interface	DC output option: single CCS1, double CCS1 or CCS1/CHAdEMO
DC Output Current	540A max, CCS1 (Liquid cooling); 200A max, CHAdEMO
DC Output Power	350kW max
Protection	
Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault
User Interface & Control	
Display	15 inch LCD Panel
Support Language	English (Other languages available upon request)
Push Buttons	Emergency Stop Button
User Authentication	ISO/IEC 14443A/B, NFC
Payment	Integrated credit card reader
Charge option	Simultaneous charging
Communication	
Network Interface	Ethernet, Cellular
Protocol	OCPP v1.6-J, upgradable to OCPP v2.0 and ISO15118 upgradable
Environmental	
Operating Temperature	Operating at 22°F to +122°F (-30°C to +50°C)
Storage Temperature	-40°F to +185°F (-40°C to +85°C)
Humidity	< 95% relative humidity, non-condensing
Mechanical	
Ingress Protection	IP55/NEMA 3R
Enclosure Protection	IK10
Cooling	Forced air
Charging Cable Length	14.76 ft (4.5 m)
Dimension (W x H x D)	42.5 x 78.7 x 19.1 inch (1080 x 2000 x 485 mm)
Weight	706 lb (320 kg)
Regulation	
Certification	UL 2202, UL 2231
Installation	
Accessory	Cable management

Dimension and weight excluding plug and connector. Specifications are subject to change without notice.

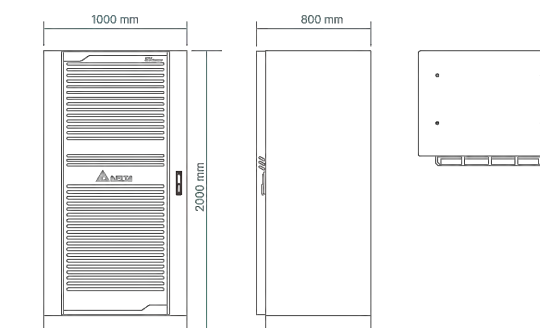
Dispenser



Specifications - Power Cabinet

Part Number	EIDN-U
Power Input	
Input Rating	480 Vac Three phase, 60Hz
Power Factor	≥0.99
Current THD	Compliant with IEEE 519
Power Output	
Output Voltage	150-950Vdc
DC Output Current	540 A max
DC output power	350kW
Efficiency	≥ 95% @400Vdc, full load; (Peak 96%)
Protection	
Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault
Environmental	
Operating Temperature	22°F to +122°F (-30°C to +50°C) Power derating above +122°F(+50°C)
Storage Temperature	-40°F to -176°F (-40°C to +80°C)
Humidity	< 95 % relative humidity, non-condensing
Altitude	6,500 ft. (2,000 m)
EMC	FCC Part 15-b Class A
Mechanical	
Ingress Protection	IP55/NEMA Type 3R
Enclosure Protection	IK 10
Cooling	Force Air
Dimension (W x H x D)	39.3 x 78.7 x 31.4 inch (1000 x 2000 x 800 mm)
Equipment Weight	1184 lb (537 kg)
Regulation	
Certification	UL 2202, UL 2231

Power Cabinet



Travel Faster with High Power Charger

Delta's High Power Charger 350kW offers the fastest charging time than any other charger. It is ideally suited in highway rest stop, traditional fuel station and fleet charging due to its high power of up to 350kW, equal load distribution and simultaneous charging features, enabling charging of 2 vehicles at once. High power

efficiency and the ability to share power from power cabinet between two dispensers, enable a reduction in cost of ownership. It also offers a user friendly design with LED status light visible from a distance, and a 15 inch display. Delta High Power Charger 350kW helps EV drivers shorten the time needed to get back on the road.



Feature Highlights

Up to 95% power efficiency for optimal charging service

- Max. 950V and 540A in 350kW High power charging
- Simultaneous charging service
- Supports CHAdEMO, CCS1 charging standard

Distributed space-saving architecture

- Distributed architecture enables you to install charger without replanning parking spaces
- Adopt power module for extension flexibility
- IP55 / NEMA3R ingress protection and IK10 enclosure protection

OCPP and network connectivity for seamless system integration

- Supports OCPP 1.6J (upgradable to OCPP 2.0)
- Built-in Ethernet, cellular (3G / 4G) network connectivity
- Integrable with commercial and management systems for improved operational efficiency



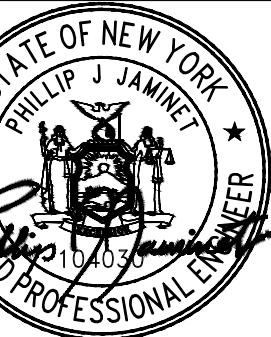
Delta Electronics (Americas) Ltd.
48101 Fremont Boulevard Fremont, CA 94538 U.S.A.
TEL : +1 510 688.5100
E-mail : evcs@deltaww.com
evcharging.deltaww.com

Delta Electronics Inc.
16 Tungyuan Road, Chungli Industrial Zone, Taoyuan City 32063, Taiwan
TEL : +886 3 4526107



EVgo
FAST CHARGING

OWL
eMobility



P85335 - PILOT TRAVEL CENTER 394
ELECTRIC VEHICLE CHARGING
239 ROUTE 17K
NEWBURGH, NY 12550

REVISION DESCRIPTION

CONSTRUCTION READY PACKAGE

ADDED SHEET C-1-1

DATE

2024/09/09

2024/10/08

NO.

0

1

DATE

08/09/2024

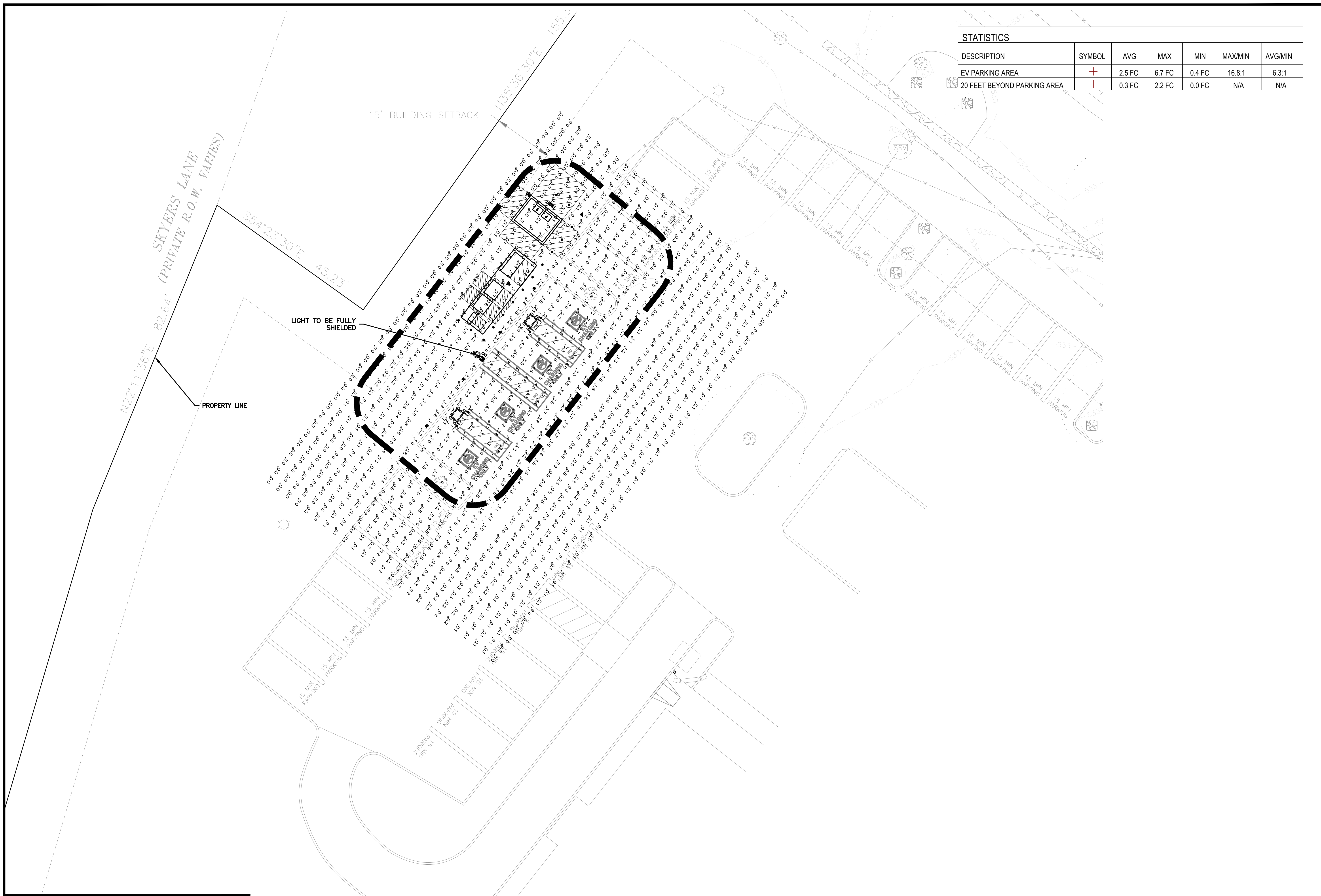
SHEET TITLE

ELECTRICAL
CUTSHEETS

SHEET NUMBER

E-7

STATISTICS						
DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
EV PARKING AREA	+	2.5 FC	6.7 FC	0.4 FC	16.8:1	6.3:1
20 FEET BEYOND PARKING AREA	+	0.3 FC	2.2 FC	0.0 FC	N/A	N/A



P85335 - PILOT TRAVEL CENTER 394
 ELECTRIC VEHICLE CHARGING
 239 ROUTE 17K
 NEWBURGH, NY 12550

NO.	DATE	REVISION DESCRIPTION
0	2024/09/09	CONSTRUCTION READY PACKAGE
1	2024/10/09	ADDED SHEET C-1-1

DATE: 08/09/2024

SHEET TITLE: PHOTOMETRIC PLAN

SHEET NUMBER: E-9

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