



City of Napoleon, Ohio

Zoning Department

255 West Riverview Avenue, P.O. Box 151
 Napoleon, OH 43545

Kevin Schultheis Code Enforcement / Zoning Administrator
 Telephone: (419) 592-4010 Fax: (419) 599-8393
 www.napoleonohio.com

COMMERCIAL ZONING PERMIT

Issued Date: September 6, 2024

Expiration Date: September 6, 2025

Permit Number: P-24-155

Job Location: 905 American Rd.

Owner: Pilot Travel Centers LLC
 5508 Lonas Dr.
 Nashville, TN 37909

Contractor: The Oscar W. Larson Company

Phone: 330-716-2705

Zone: C-5: Highway Commercial

Set Backs: Front: 0' Rear: 0' Side: 0'

Comments: Installation of 2 electric vehicle charging stations, a small equipment yard adjacent to the station's new electrical distribution, minor site work to install the conduits, equipment pads, and screening around the equipment yard. Some minor restriping may be required.

Permit Type: Zoning

Fee: \$50.00

Status: Paid

Amount Due: \$0.00

Kevin Schultheis
 Code Enforcement/Zoning Administrator



City of Napoleon, Ohio

Zoning Department

255 West Riverview Avenue, P.O. Box 151
Napoleon, OH 43545

Kevin Schulteis Code Enforcement / Interim Zoning Administrator
Telephone: (419) 592-4010 Fax: (419) 599-8393
www.napoleonohio.com

WOOD COUNTY*

C-5

P-24-155

Commercial Zoning Permit Application

Date 09/05/2024 Job Location 905 American Road, Napoleon, OH 43545

Owner Pilot Travel Centers LLC Telephone # (865)209-6801

Owner Address 5508 Lonas Drive Knoxville, TN 37909

Contractor The Oscar W. Larson Company Cell Phone # (330)716-2705

Description of Work to be Performed Installation of 2 electric vehicle charging stations, a small equipment yard adjacent to the stations new electrical distribution, minor site work to install the conduits, equipment pads, and screening around the equipment yard. Some minor restriping may be required.

Estimated Completion Date TBD Estimated Cost \$200,000.00

Demo Permit - \$100.00 – See Separate Form	(MDEMO 100.1700.46690)	\$
Zoning Permit - \$50.00	(MZON 100.1700.46690)	\$ 50.000
Fence - \$25.00	(MZON 100.1700.46690)	\$
Garage and Shed 120 SF or less (Detached) - \$25.00	(MZON 100.1700.46690)	\$
Driveway/Sidewalk/Curbing - \$0.00	(MZON 100.1700.46690)	\$
Drainage Permit/Outside Water/Sewer Repair - \$0.00	(MBLDG 510.0000.47300)	\$
1" Water Tap, 5/8" Meter, Copper Setter and Transmitter - \$1,200.00(Outside City - \$5,680)	(MBLDG 510.0000.47300)	\$
1" Water Tap, 3/4" Meter, Copper Setter and Transmitter - \$1,300.00(Outside City - \$5,820)	(MBLDG 510.0000.47300)	\$
1" Water Tap, 1" Meter, Copper Setter and Transmitter - \$1,400.00 (Outside City - \$5,960)	(MBLDG 510.0000.47300)	\$
1 1/2" Water Tap and Larger - See Operations Superintendent		\$
1" Meter, Copper Setter and Transmitter Without Tap - \$525.00	(MBLDG 510.0000.44730)	
3/4" Meter, Copper Setter and Transmitter Without Tap - \$440.87	(MBLDG 510.0000.44730)	
5/8" Meter, Copper Setter and Transmitter Without Tap - \$350.00	(MBLDG 510.0000.44730)	
Sewer Tap for All Commercial and Industrial Uses - \$600.00	(MBLDG 510.0000.44730)	\$
Sewer Tap Inspection Fee, M.F., Comm., Indust. 50 L.F. or Less - \$100.00	(MBLDG 510.0000.44730)	
Sewer Tap, M.F., Comm., Indust, 51 L.F. or More - \$100.00 + \$10.00 for each 50 L.F.	(MBLDG 510.0000.44730)	\$
Manufactured Home Court - \$87.00 Per Dwelling	(MBLDG 510.0000.44730)	
Sewer Main Extension in Right of Way Inspection – 2% of Construction Cost	(MBLDG 510.0000.44730)	\$
Inspection Fee Outside the Corporation Limits – Increase 50%	(MBLDG 510.0000.44730)	
TOTAL FEE:		\$ 50.00

I FULLY UNDERSTAND THAT NO EXCAVATION, CONSTRUCTION OR STRUCTURAL ALTERATION, ELECTRICAL OR MECHANICAL INSTALLATION OR ALTERATION OF ANY BUILDING STRUCTURE, SIGN, OR PART THEREOF AND NO USE OF THE ABOVE SHALL BE UNDERTAKEN OR PERFORMED UNTIL THE PERMIT APPLIED FOR HEREIN HAS BEEN APPROVED AND ISSUED BY THE CITY OF NAPOLEON ZONING DEPARTMENT.
I hereby certify that I am the Owner of the named property, or that the proposed work is authorized by the Owner of record and that I have been authorized by the Owner to make this application as his/her authorized agent and I agree to conform to all applicable laws of the jurisdiction. In addition, if a permit for Work described in this application is issued, I certify that the code official or the code official's authorized representative shall have the authority to enter areas covered by such permit at any reasonable hour to enforce the provisions of the code(s) applicable to such permit.

I HEREBY ACKNOWLEDGE THAT I HAVE READ AND FULLY UNDERSTAND THE ABOVE LISTED INSTRUCTIONS.

SIGNATURE OF APPLICANT: Kathleen Schiffhauer DATE: 09/05/2024

BATCH #	CHECK #	DATE
---------	---------	------

THE OSCAR W. LARSON CO.
eMOBILITY TRAVEL EXPENSE ACCOUNT
10100 DIXIE HWY. CLARKSTON, MI 48348

CIBC Bank USA
120 South LaSalle Street
Chicago, IL 60603
0710-0648-6

000154

DATE 9/5/2024

DOLLARS \$ 50.00

PAY Fifty and 00/100

TO THE ORDER OF

CITY of Napoleon Zoning

DEPT


AUTHORIZED SIGNATURE

⑈000154⑈ ⑆071006486⑆

⑈096087⑈

DATE	DESCRIPTION	INVOICE NO.	AMOUNT	DISCOUNT	DEDUCTIONS	NET AMOUNT
09/05/2024	ZONING PERMIT FEES PIVA TRAVEL CENTER 303 905 AMERICAN ROAD		\$50.00			\$50.00

SCCC-627-3
PRINTED IN U.S.A.

THE OSCAR W. LARSON CO., eMobility Travel Expense Account, 10100 Dixie Hwy., Clarkston, MI 48348



P78010

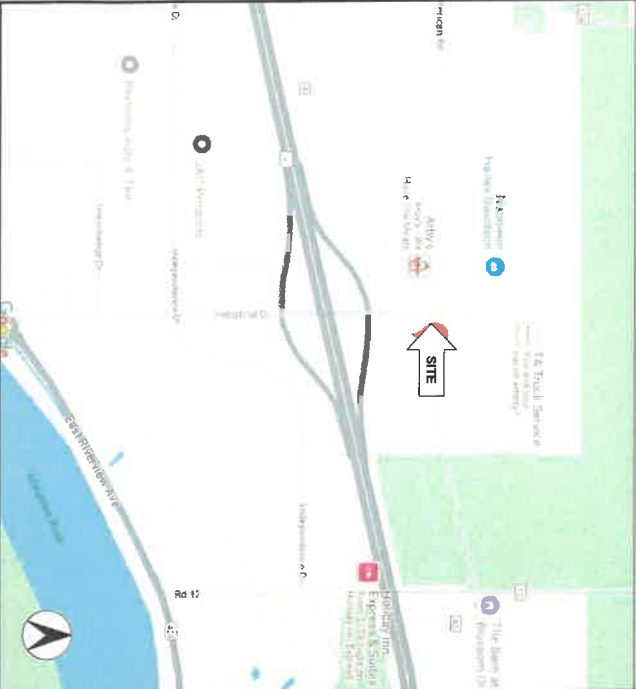
INSTALLATION OF ELECTRIC VEHICLES CHARGING EQUIPMENT

PILOT TRAVEL CENTER 303
905 AMERICAN ROAD
NAPOLEON, OH 43545



P78010 - PILOT TRAVEL CENTER 303
905 AMERICAN ROAD
NAPOLEON, OH 43545

VICINITY MAP



AERIAL MAP



CHARGING STATIONS COORDINATES:
41.418742, -84.105121

PROJECT DESCRIPTION

INSTALL (3) 50KW DC FAST CHARGERS AND SUPPORT EQUIPMENT IN A FOUR STALL ROLL IN CONFIGURATION WITHOUT A CANOPY

DRAWING INDEX

SHEET NO.	SHEET TITLE
CS	COVER SHEET
C-1	OVERALL SITE PLAN
G-2	FOUNDATION SITE PLAN
C-3	EMERALD SITE PLAN
D-1	DETAILS
D-2	DETAILS
D-3	DETAILS
D-4	BUILDING CODES AND STANDARDS
E-1	ELECTRICAL TRIBUTY PLAN
E-2	ELECTRICAL DIVERGED 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 ORDINETS
E-8	LIGHTING ORDINETS
G-1	ELECTRICAL GENERAL CONSTRUCTION DETAILS
9H1	PERMITS
9H2	PERMITS (FOR REFERENCE ONLY)

CODE INFORMATION

STATE JURISDICTION LATEST ELECTRICAL CODE, INCLUDING THE TABLES AND AMENDS THERE TO.
STATE JURISDICTION LATEST FIRE CODE, INCLUDING THE TABLES AND AMENDS THERE TO.
STATE JURISDICTION LATEST REFERENCED STANDARDS CODE, INCLUDING THE TABLES AND AMENDS THERE TO.
LOCAL JURISDICTIONAL SPEC CODE.

ENGINEER OF RECORD

PHILIP A. JAMNIEC
PE# E-7033
OVI, MAJORITY

COVER SHEET

CS

CONTRACTOR NOTE

CONTRACTOR SHALL COMPLETE INSTALL PER THE SIGNED AND THE SEALED SET OF DRAWINGS. ANY NECESSARY DEVIATIONS FROM THE DRAWINGS MUST BE APPROVED BY THE ENGINEER OF RECORD. APPROVAL MUST BE OBTAINED FROM THE ENGINEER OF RECORD PRIOR TO CONTRACTOR PROCEEDING WITH A REVISION OF THE SIGNED AND SEALED SET OF DRAWINGS.

CALL BEFORE YOU DIG



Know what's below.
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.

NO.	DATE	REVISION DESCRIPTION
A	09/06/24	ISSUED FOR REVIEW

09/06/24



OVERALL SITE PLAN
SCALE: 1" = 50'

PROPOSED POINT OF CONNECTION
EXISTING DROP PILE

PROPOSED AREA OF WORK

PROPOSED PATH OF TRAVEL

NO.	DATE	REVISION DESCRIPTION
1	06/04/24	BRICK FOR REVIEW
2	08/02/24	
3		
4		
5		

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905 AMERICAN ROAD
NAPOLEON, OH 43545



C-1

OVERALL
SITE PLAN



DEMO QUANTITIES TABLE

LEGEND	MATERIAL	AMOUNT	UNITS
[Pattern]	ASPHALT	323	50 FT
[Pattern]	PARKING LINES	171	LINE FT
[Pattern]	CONCRETE CURB	0	LINE FT
[Pattern]	LANDSCAPING	0	50 FT
[Pattern]	CONCRETE SIDEWALK	0	50 FT

NOTES

1. THE CONTRACTOR SHALL HAVE ALL UTILITIES LOCATED PRIOR TO BEGINNING WORK.
2. THE CONTRACTOR SHALL RETURN SIDEWALKS, AND ANY OTHER FACILITIES DAMAGED BY THE WORK TO THE SAME OR BETTER CONDITION THAN EXISTED PRIOR TO THE COMMENCEMENT OF THE WORK.
3. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES BEFORE DEMOLITION. TABLE ARE ONLY APPROXIMATIONS; THE CONTRACTOR SHALL VERIFY STOCKPILES IN A LEGAL MANNER.
4. DIST CONTROL TO BE USED AS NEEDED.
5. ALL WORK SHALL VERIFY ALL DIMENSIONS PRIOR TO WORK BEGINNING.

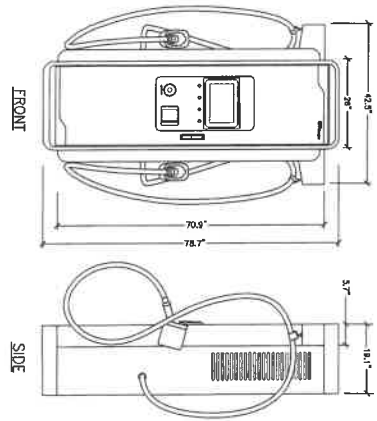
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905 AMERICAN ROAD
NAPOLEON, OH 43545



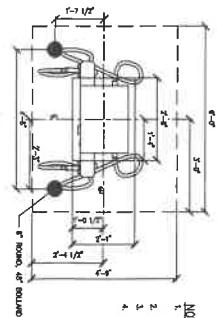
NO.	DATE	REVISION DESCRIPTION
1	08/06/24	ISSUED FOR REVIEW

DEMOLITION SITE PLAN

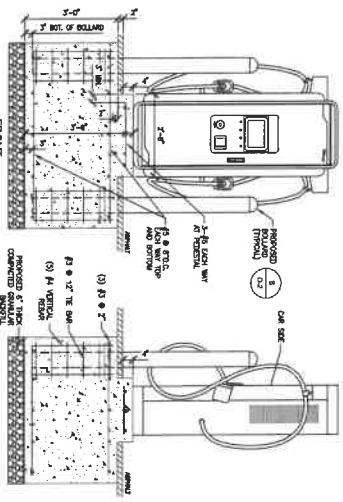
- NOTES:**
1. MINIMUM CONCRETE EDGE DISTANCE FOR PROPOSED ANCHORS SHALL BE 6"
 2. CONTRACTOR TO REFER TO THE ANCHOR STAKE FOR MANUFACTURERS INSTALLATION MANUAL
 3. CONTRACTOR TO REFER TO THE REGULATION MANUAL FOR MACHINES AND CONDUIT ENTRY DETAILS



A DISPENSER DETAIL (350KW)
NO SCALE

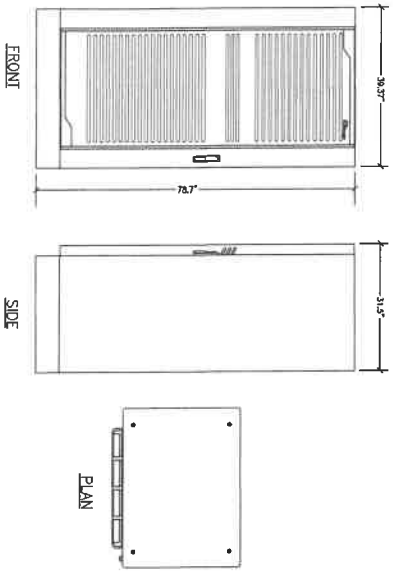


- NOTES:**
1. GENERAL NOTES OF SPECIFICATIONS SHALL NOT APPLY TO THIS DRAWING
 2. REFER TO THE REGULATION MANUAL FOR MACHINES AND CONDUIT ENTRY DETAILS
 3. CONTRACTOR TO MAKE SURE THAT THE CABLE LENGTH OF ODM IS AVAILABLE ABOVE THE FLOOR FOR INTERNAL ROUTING IN THE CABINET

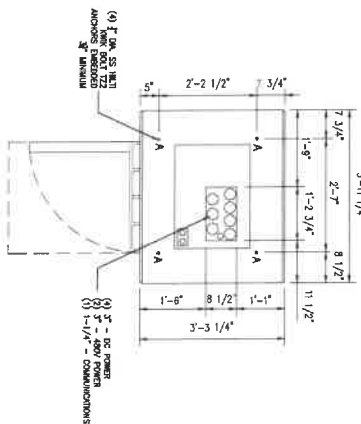


B DISPENSER FOOTING DETAIL (350KW)
NO SCALE

- NOTES:**
1. MINIMUM CONCRETE EDGE DISTANCE FOR PROPOSED ANCHORS SHALL BE 6"
 2. CONTRACTOR TO REFER TO THE ANCHOR STAKE FOR MANUFACTURERS INSTALLATION MANUAL
 3. CONTRACTOR TO REFER TO THE REGULATION MANUAL FOR MACHINES AND CONDUIT ENTRY DETAILS

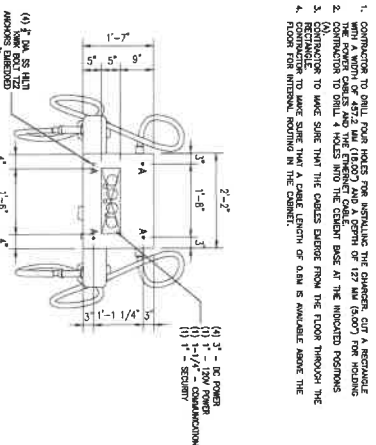


D POWER CABINET DETAIL (350KW)
NO SCALE



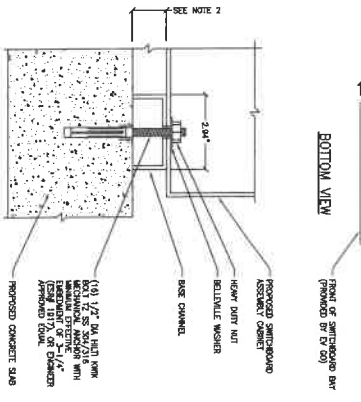
- NOTES:**
1. CONTRACTOR TO DRILL FOUR HOLES FOR INSTALLING THE CABINET. CUT A RECTANGULAR HOLE IN THE CONCRETE SLAB TO THE DIMENSIONS INDICATED FOR THE POWER CABLES AND TO THE DIMENSIONS INDICATED FOR THE HOLES IN THE CONCRETE SLAB AT THE INDICATED POSITIONS
 2. CONTRACTOR TO MAKE SURE THAT THE CABLES ENTER FROM THE FLOOR THROUGH THE HOLES IN THE CONCRETE SLAB
 3. CONTRACTOR TO MAKE SURE THAT THE CABLE LENGTH OF ODM IS AVAILABLE ABOVE THE FLOOR FOR INTERNAL ROUTING IN THE CABINET

E POWER CABINET ANCHORAGE AND CONDUIT ENTRY DETAIL (350KW)
NO SCALE



C DISPENSER CABINET ANCHORAGE AND CONDUIT ENTRY DETAIL (350KW)
NO SCALE

- NOTES:**
1. SEE FLOOR PLAN FOR PROPOSED POSITION OF THE CABINET AND THE DIMENSIONS INDICATED FOR THE HOLES IN THE CONCRETE SLAB
 2. CONTRACTOR TO MAKE SURE THAT THE CABLES ENTER FROM THE FLOOR THROUGH THE HOLES IN THE CONCRETE SLAB
 3. MINIMUM CONCRETE EDGE DISTANCE FOR PROPOSED ANCHORS SHALL BE 6"



F SWITCHBOARD MOUNTING DETAIL
NO SCALE

NO.	DATE	REVISION DESCRIPTION
1	09/09/24	ISSUE FOR PERMIT
2	09/09/24	REVISED FOR PERMIT
3	09/09/24	REVISED FOR PERMIT
4	09/09/24	REVISED FOR PERMIT
5	09/09/24	REVISED FOR PERMIT
6	09/09/24	REVISED FOR PERMIT
7	09/09/24	REVISED FOR PERMIT
8	09/09/24	REVISED FOR PERMIT
9	09/09/24	REVISED FOR PERMIT
10	09/09/24	REVISED FOR PERMIT

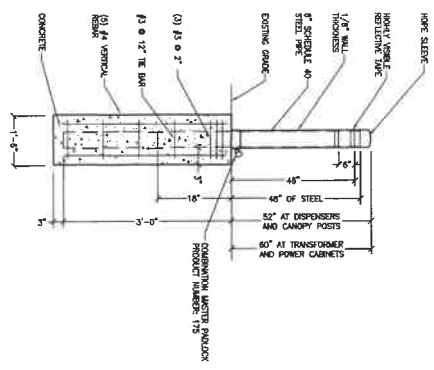


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905 AMERICAN ROAD
NAPOLEON, OH 43545

DETAILS

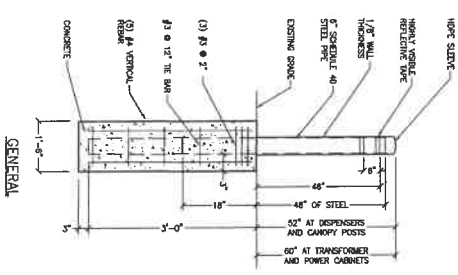
D-2

- NOTES:**
1. BOLLARD DETAIL FOR SPECIFIED BOLLARDS AROUND PERMOUNTED INFRASTRUCTURE.
 2. PRODUCT DETAILS: BOLL. SHALL BE REMOVABLE LOCKING BOLLARD PER NUMBER: OWL-2-001-000-000-000



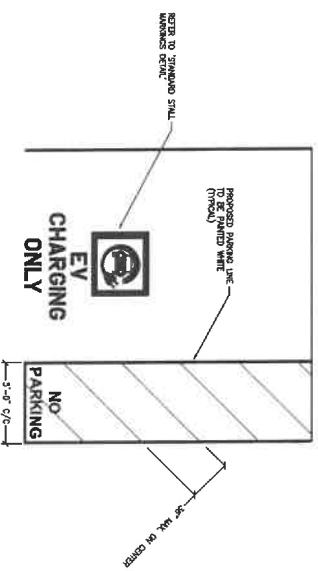
6" REMOVABLE LOCKING BOLLARD DETAIL
(1-2) NO SCALE

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



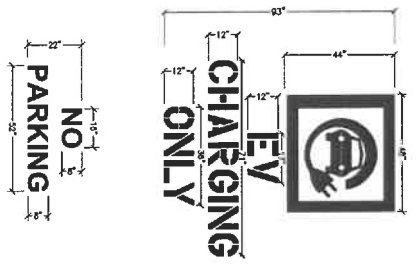
6" WARNING BOLLARD DETAIL
(1-2) NO SCALE

- NOTES:**
1. REMOVABLE ACCESSIBLE STALLS AND ACCESS AISLE SHALL BE 2% MAX SLOPE IN ALL DIRECTIONS.
 2. REFER TO SHEET C-3 FOR PROPOSED SITE PLAN.
 3. LOWER SIDE OF MARKINGS SHOULD BE ALIGNED WITH THE DIO OF THE PARKING SPACE.
 4. THE CENTER OF THE MARKING SHALL BE A MINIMUM OF 8 INCHES FROM THE CENTER OF THE VEHICLE SPACE.
 5. STRIPING TO MARKING CENTER TO CENTER AND TO MARKING CENTER SIDE STRIPING OR CUSTOMER SPECIFICATIONS.



EVGS ACCESSIBLE STALL MARKING PLAN
(1-2) NO SCALE

- NOTE:**
1. PROVIDE 4.5" SPACING BETWEEN STRIPES
 2. LOCATING CENTER AT TOW OF PARKING STALL
 3. FROM STRIPING CENTER
 4. COLOR: WHITE ON EXISTING SURFACE (NO TLL MARK STRIPES)



STANDARD STALL MARKINGS DETAIL
(1-2) NO SCALE

NOT USED
(1-2) NO SCALE

NOT USED
(1-2) NO SCALE

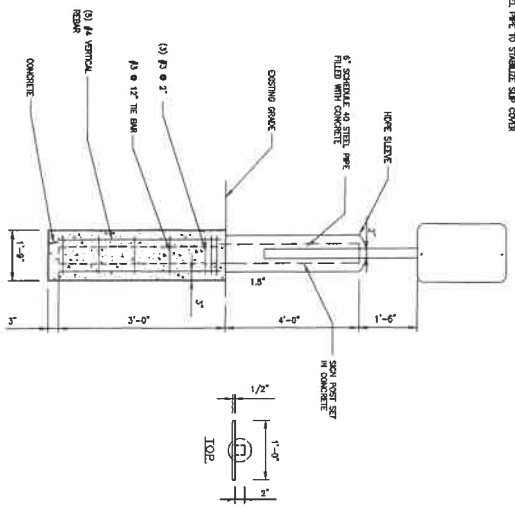
DATE	BY	REVISION
08/05/24		

DATE	BY	REVISION

DETAILS

D-2

- NOTES:**
1. MAIN AND 6" FOR WARNING PURPOSES ONLY.
 2. CONNECTION TO CUT HOLE IN TOP OF PROPOSED BOLLARD OTHER AND SMOOTH EDGES TO PRESENT CURB WARDING.
 3. CONNECTION TO PROVIDE (2) 6" LONG, 1/2" THICK FLOW STRIPS CROSSED OVER TOP OF STEEL PIPE TO STABILIZE SIGN COVER.



A 6" WARNING BOLLARD WITH SIGN DETAIL
1/2" NO SCALE

DESIGN DATA - 24"-6" TOTAL HT.

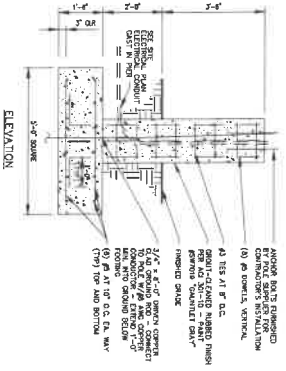
MANUFACTURED BY: K. TORRES AND SONS
 MODEL # 6" BOLLARD
 WEIGHT: 1,200 LB (540 KG)
 HEIGHT: 24" (610 MM)
 DIAMETER: 6" (152 MM)
 MATERIAL: CONCRETE
 FINISH: SMOOTH



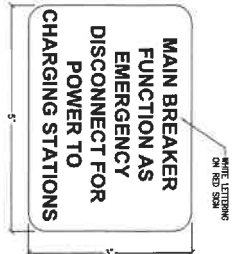
PLAN

PIER/POLE NOTES:

1. SIGN TO BE PLACED ON TOP OF BOLLARD. TO BE PLACED ON TOP OF BOLLARD. TO BE PLACED ON TOP OF BOLLARD.

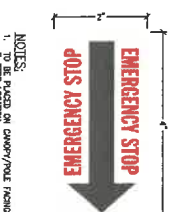


D LIGHT POLE BASE DETAIL
1/2" = 1'-0"



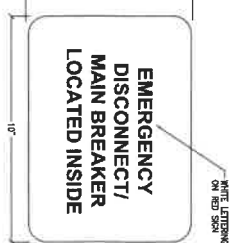
NOTES:

1. TO BE PLACED ON OPPOSITE SIDE OF SIGNHOLDER HOLDING THE MAIN BREAKER.



NOTES:

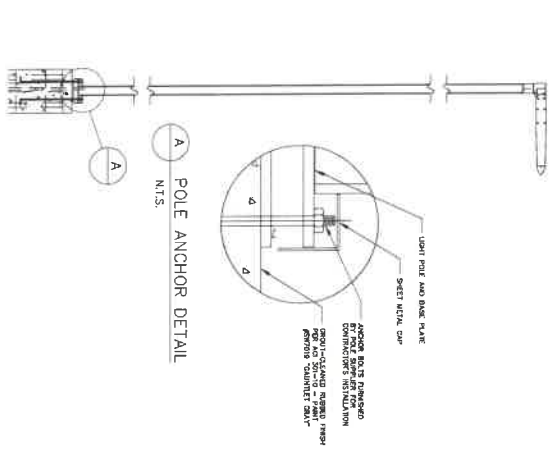
1. TO BE PLACED ON OPPOSITE SIDE OF SIGNHOLDER HOLDING THE MAIN BREAKER.



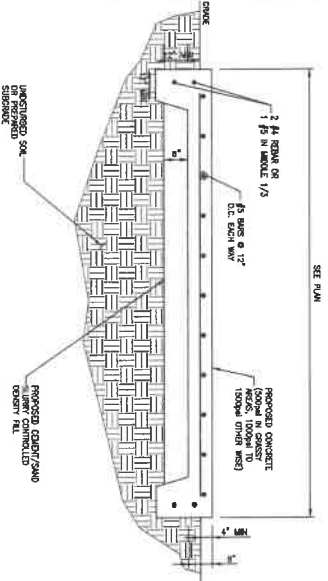
NOTES:

1. TO BE PLACED AT E-STOP LOCATION.

B EMERGENCY DISCONNECT SIGN DETAILS
1/2" NO SCALE



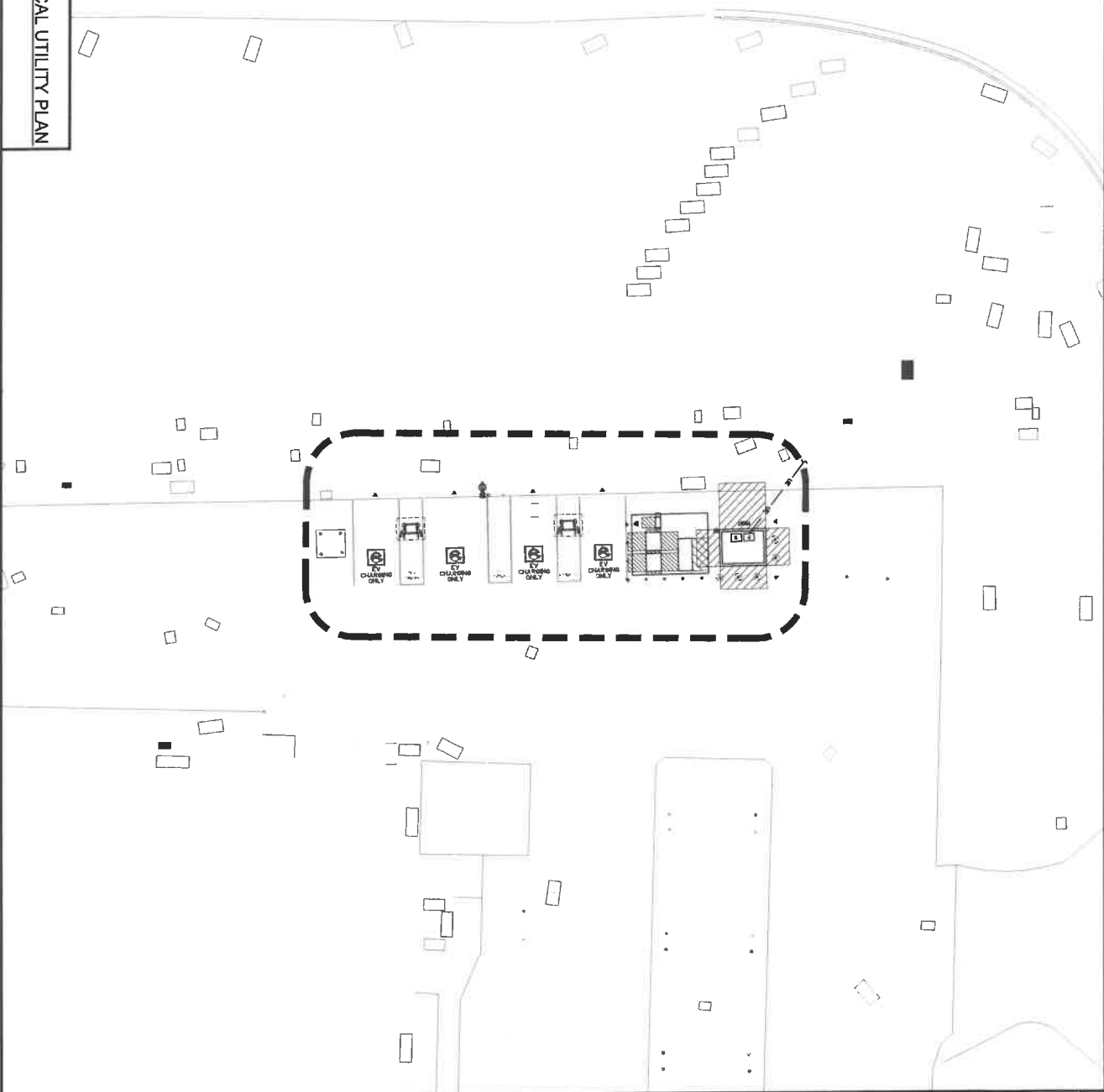
E LIGHT POLE MOUNTING DETAIL
1/2" NO SCALE



C CONCRETE PAD DETAIL
1/2" NO SCALE



F SIGNAGE AROUND GEAR
1/2" NO SCALE



GENERAL NOTES

1. THE UTILITY DESIGN DETAILS SUMMARIZED ON THIS SHEET ARE FOR PROPERTY OWNER REVIEW. THE CONTRACTOR SHALL VERIFY ALL UTILITIES AND CONDITIONS PRIOR TO CONSTRUCTION. PROVIDED WITH THE UTILITY PLAN FOR CONSTRUCTION DRAWINGS, THE CONTRACTOR SHALL INSTALL THE UTILITY RELATED SCHEMATIC FOR UTILITY CONSTRUCTION REFERENCE TO THE UTILITY PLAN.
2. UTILITY EQUIPMENT INSTALLATION AND REPAIR WORK AND ALL WORK SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY ENGINEER AT THE TIME OF PRE-CONSTRUCTION MEETING TO DETERMINE A SCHEDULE OF INSTALLATIONS.
3. FOR GENERAL NOTES AND SYMBOL LIST, SEE E-4.
4. BEFORE BID SUBMISSION AND COMMENCING WORK, CONTRACTOR SHALL PRELIMINARY INSPECT SCOPE OF PROJECT, VERIFY ALL UTILITIES AND CONDITIONS PRIOR TO CONSTRUCTION. ENGINEER SHALL NOT BE RESPONSIBLE FOR DISCREPANCIES OR INCONSISTENCIES FOUND BETWEEN DESIGN AND ACTUAL CONDITIONS.
5. ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER, PROVIDE APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.
6. EQUIPMENT LOCATIONS, WHERE SHOWN, ARE APPROXIMATE. FIELD CONTRACTOR SHALL VERIFY AND COORDINATE WITH OWNER, INCLUDING OTHER CONSTRUCTION RELATED INFORMATION.
7. ALL WORKS SHALL BE PERFORMED AS PER LATEST EDITION OF NEC, AND LATEST LOCAL UTILITY SPECIFICATIONS.

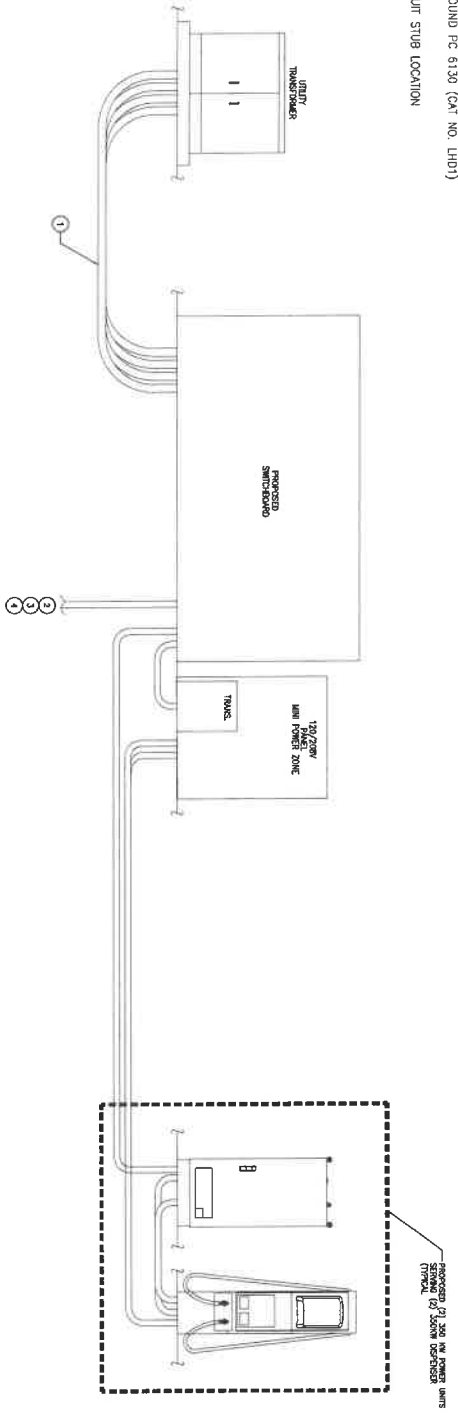


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905 AMERICAN ROAD
NAPOLEON, OH 43545

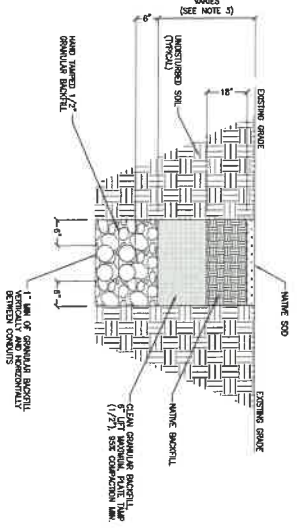
NO.	DATE	REVISION DESCRIPTION
1	06/05/14	ISSUE FOR REVIEW
2		
3		
4		

ELECTRICAL UTILITY PLAN

- NOTES**
1. CONDUITS SHALL BE BURIED BELOW FROST LINE AND IN COMPLIANCE WITH LOCAL AND NATIONAL CODE REQUIREMENTS.
 2. REFER TO CONDUIT AND WIRE SCHEDULE ON E-3 FOR CONDUIT AND WIRE REQUIREMENTS
 3. INSTALL DOTTIE DUCT SEAL COMPOUND PC 6130 (CAT NO. LHD1)
 4. REFER TO SHEET E-2 FOR CONDUIT STUB LOCATION

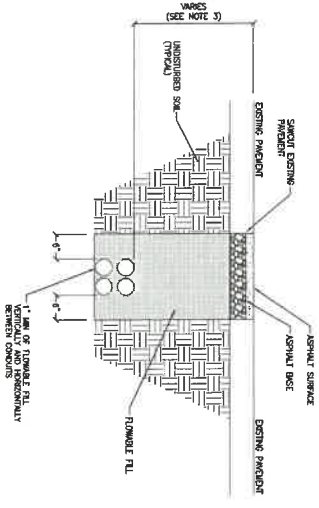


A CONDUIT ELEVATION - POWER DISTRIBUTION POWER UNIT DISPENSER (FOR REFERENCE ONLY)
E-4 / NO SCALE



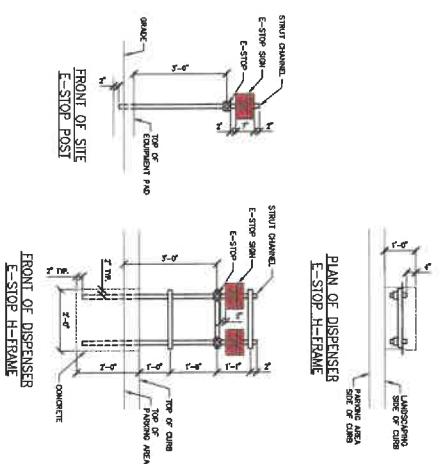
- NOTES**
1. ANY OPENING LEFT OPEN AFTER TO BE REPAIR, RECONSTRUCT, OR TRENCH FILL TO MAINTAIN THE SAFETY OF THE GENERAL PUBLIC.
 2. ANY PATCHING SHALL BE DONE CONSTRUCTION SHALL BE REPAIR OR REPLACED BY THE CONTRACTOR TO PRE CONSTRUCTION CONDITIONS OR BETTER.
 3. TRENCH DEPTH ARE ASSIGNED TO BE 2'-0" MIN. ON 6" BELOW FROST LINE PER LOCAL JURISDICTION SPECIFICATIONS.
 4. EXACT LOCATION OF CONDUITS SHALL BE DETERMINED BY SHEET E-2 & E-3. EXACT CONDUIT LOCATION IN TRENCH SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD BASED ON PHYSICAL MEASUREMENTS AND JURISDICTIONAL REQUIREMENTS.

B TYPICAL NON-UTILITY CONDUIT UNDER SOIL TRENCH
E-4 / NO SCALE



- NOTES**
1. ANY OPENING LEFT OPEN AFTER TO BE REPAIR, RECONSTRUCT, OR TRENCH FILL TO MAINTAIN THE SAFETY OF THE GENERAL PUBLIC.
 2. ANY PATCHING SHALL BE DONE CONSTRUCTION SHALL BE REPAIR OR REPLACED BY THE CONTRACTOR TO PRE CONSTRUCTION CONDITIONS OR BETTER.
 3. TRENCH DEPTH ARE ASSIGNED TO BE 2'-0" MIN. ON 6" BELOW FROST LINE PER LOCAL JURISDICTION SPECIFICATIONS.
 4. EXACT LOCATION OF CONDUITS SHALL BE DETERMINED BY SHEET E-2 & E-3. EXACT CONDUIT LOCATION IN TRENCH SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD BASED ON PHYSICAL MEASUREMENTS AND JURISDICTIONAL REQUIREMENTS.

C TYPICAL NON-UTILITY CONDUIT UNDER ASPHALT TRENCH
E-4 / NO SCALE



D EMERGENCY DISCONNECT DETAILS
E-4 / NO SCALE

Product data sheet

Unit: substation, Mini Power-Zone, plug on, 15kVA, 3 phase, 480V primary, 208V/120V secondary, 1R/0A, C

Price: 10,088.00 USD

Main	
Customer	US, Latin
Year	2014-2015
Product Line	EV
Product Name	EV Station
Product Code	EV-350
Product Weight	2000 kg
Product Dimensions	1100 x 1100 x 1100 mm
Product Material	Steel
Product Color	White
Product Voltage	480V
Product Power	15 kVA
Product Output	208V/120V
Product Efficiency	95%
Product Warranty	3 years
Product Certification	UL, CE, FCC, RoHS
Product Origin	USA
Product Status	Active
Product Category	EV Station
Product Sub-Category	EV Station
Product Manufacturer	Delta Electronics
Product Model	EV-350
Product Part Number	EV-350
Product Stock	100
Product Lead Time	4 weeks
Product Shipping Weight	2000 kg
Product Shipping Dimensions	1100 x 1100 x 1100 mm
Product Shipping Method	Sea
Product Shipping Cost	1000 USD
Product Shipping Insurance	Yes
Product Shipping Terms	EXW
Product Shipping Address	10000 W. 10th Ave, Golden, CO 80401, USA
Product Shipping Contact	Delta Electronics
Product Shipping Phone	+1 303 440 1234
Product Shipping Email	usa@deltaelectronics.com
Product Shipping Website	www.deltaelectronics.com
Product Shipping Notes	Product is heavy and requires special handling. Please contact us for more details.

Ordering and shipping details

Price: 10,088.00 USD



DC Charger / High Power Charger 350KW

- Distributed charging architecture
- 350kW power efficiency for energy saving
- Cost-effective solution for standard system integration



General	
Model	EV-350
Country of Origin	USA
Product Line	EV
Product Name	EV Station
Product Code	EV-350
Product Weight	2000 kg
Product Dimensions	1100 x 1100 x 1100 mm
Product Material	Steel
Product Color	White
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Ordering and shipping details

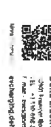
Specifications - Dispenser

Parameter	Value
Model	EV-350
Country of Origin	USA
Product Line	EV
Product Name	EV Station
Product Code	EV-350
Product Weight	2000 kg
Product Dimensions	1100 x 1100 x 1100 mm
Product Material	Steel
Product Color	White
Product Voltage	480V
Product Power	15 kVA
Product Output	208V/120V
Product Efficiency	95%
Product Warranty	3 years
Product Certification	UL, CE, FCC, RoHS
Product Origin	USA
Product Status	Active
Product Category	EV Station
Product Sub-Category	EV Station
Product Manufacturer	Delta Electronics
Product Model	EV-350
Product Part Number	EV-350
Product Stock	100
Product Lead Time	4 weeks
Product Shipping Weight	2000 kg
Product Shipping Dimensions	1100 x 1100 x 1100 mm
Product Shipping Method	Sea
Product Shipping Cost	1000 USD
Product Shipping Insurance	Yes
Product Shipping Terms	EXW
Product Shipping Address	10000 W. 10th Ave, Golden, CO 80401, USA
Product Shipping Contact	Delta Electronics
Product Shipping Phone	+1 303 440 1234
Product Shipping Email	usa@deltaelectronics.com
Product Shipping Website	www.deltaelectronics.com
Product Shipping Notes	Product is heavy and requires special handling. Please contact us for more details.



Specifications - Power Cabinet

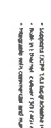
Parameter	Value
Model	EV-350
Country of Origin	USA
Product Line	EV
Product Name	EV Station
Product Code	EV-350
Product Weight	2000 kg
Product Dimensions	1100 x 1100 x 1100 mm
Product Material	Steel
Product Color	White
Product Voltage	480V
Product Power	15 kVA
Product Output	208V/120V
Product Efficiency	95%
Product Warranty	3 years
Product Certification	UL, CE, FCC, RoHS
Product Origin	USA
Product Status	Active
Product Category	EV Station
Product Sub-Category	EV Station
Product Manufacturer	Delta Electronics
Product Model	EV-350
Product Part Number	EV-350
Product Stock	100
Product Lead Time	4 weeks
Product Shipping Weight	2000 kg
Product Shipping Dimensions	1100 x 1100 x 1100 mm
Product Shipping Method	Sea
Product Shipping Cost	1000 USD
Product Shipping Insurance	Yes
Product Shipping Terms	EXW
Product Shipping Address	10000 W. 10th Ave, Golden, CO 80401, USA
Product Shipping Contact	Delta Electronics
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Product Shipping Website	www.deltaelectronics.com
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Travel Faster with High Power Charger



- Feature Highlights**
- High power efficiency for energy saving
 - Distributed charging architecture
 - Cost-effective solution for standard system integration
 - 350kW power efficiency for energy saving
 - Cost-effective solution for standard system integration



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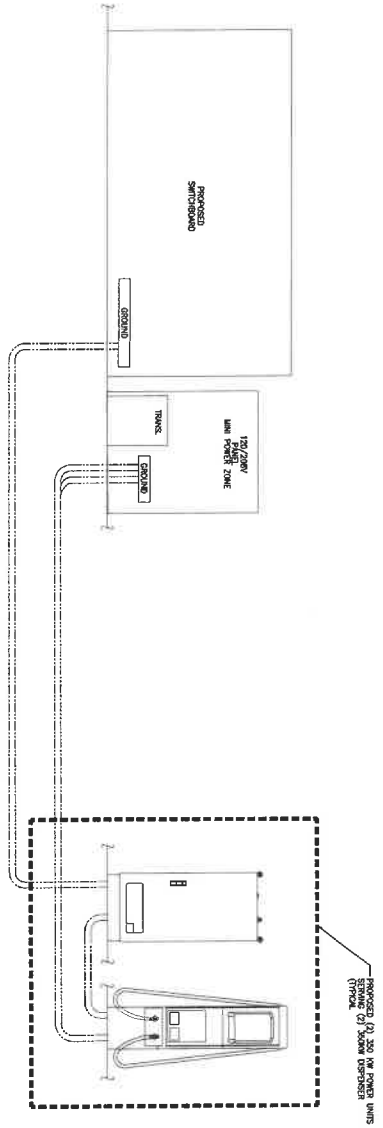
E-7

ELECTRICAL
CUTSHEETS

NO.	DATE	BY	CHKD.	APP'D.
1	04/05/24			

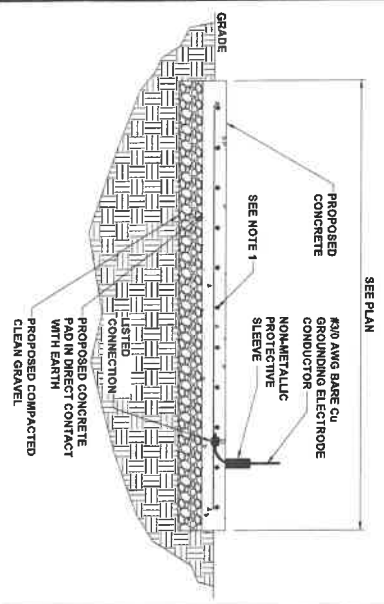
PROJECT NUMBER

NOTES
1. REFER TO DRAWING E-3 FOR ADDITIONAL INFORMATION



A GROUNDING SCHEMATIC
G-1 NO SCALE

NOTE
1. REBAR BONDED TOGETHER WITH STEEL TIE WIRES OR EXOTHERMIC WELDING



B CONCRETE ENCASED ELECTRODE DETAIL
G-1 NO SCALE

CABLEWELD CONNECTIONS OR ENGINEER APPROVED EQUAL		
CABLE TO REBAR TIE CONNECTION HORIZONTAL CABLE TYPE TO VERTICAL, REBAR TYPE B1	HORIZONTAL SPLICE SPICE OF HORIZONTAL CABLES TYPE B3	PARALLEL HORIZONTAL CONDUCTORS PARALLEL THROUGH CONNECTION OF TWO CABLES TYPE B7
BURNDY CONNECTIONS OR ENGINEER APPROVED EQUAL	HORIZONTAL STEEL SURFACE SPLICE OR HORIZONTAL PIPE TYPE B5	PARALLEL HORIZONTAL CONDUCTORS PARALLEL BEAD END TIE OR HORIZONTAL THRU CONDUCTOR TYPE B6
BOND JUMPER FIELD FABRICATED GREEN STRANDED INSULATED TYPE 2, 3, 4, 2	VERTICAL PIPE CABLE DOWN AT 45° TO DOWNLINE OF VERTICAL PIPES TYPE B8	VERTICAL STEEL SURFACE CABLE DOWN AT 45° TO VERTICAL STEEL SURFACE INCLUDING PIPE TYPE B9
COPPER LUGS TWO HOLE, LONG BARREL LENGTH TYPE 1A, 2	HORIZONTAL TEE TIE OF HORIZONTAL RUN AND TAP CABLES TYPE 1A	THROUGH CABLE TO THROUGH CABLE TO TOP OF GROUND ROD TYPE C7

C CONCRETE ENCASED ELECTRODE DETAIL
G-1 NO SCALE

NOTES:
1. ALL HARDWARE SHALL BE STAINLESS STEEL 3/8" DIAMETER OR LARGER. ALL HARDWARE 18-8 STAINLESS STEEL INCLUDING LOCK WASHERS. COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MOUNTING.
2. FOR GROUND BOND TO STEEL ONLY, INSERT A COPPER FLAT WASHER BETWEEN LUG AND STEEL. COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MOUNTING.
3. NEC 250.121 EXCEPTION: A WIRE-TYPE EQUIPMENT GROUNDING CONDUCTOR INSTALLED IN COMPLIANCE WITH 250.64(A) AND THE APPLICABLE REQUIREMENTS FOR BOTH THE EQUIPMENT GROUNDING CONDUCTOR AND THE GROUNDING ELECTRODE CONDUCTOR IN PARTS II, III, AND VI OF THIS ARTICLE SHALL BE PERMITTED TO SERVE AS BOTH AN EQUIPMENT GROUNDING CONDUCTOR AND A GROUNDING ELECTRODE CONDUCTOR.

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ELECTRICAL
GROUNDING
DETAILS

G-1

