City of
**Lawrence**
Indiana

| | |
|---|---|
| Address: | 5850 Thunderbird Rd |
| Parcel #: | 4033917 |
| Docket # | 25 LSV 16 |
| Hearing Date: | December 16, 2025 |
| Council District # | 3 ~ Freeman |

Petitioner:
First Student
John Walker
191 Rosa Parks St. 8th Floor
Cincinnati, OH 45202
513-256-6283
John.Walker@firststudentinc.com

Owner:
Kert Toler
Ktoler@stenzcorp.com
1411 Roosevelt Ave, Suite 104
Indianapolis, IN 46201
317-847-4086

**Application:**
Variance of Development Standards of the City of Indianapolis Consolidated Zoning Subdivision Ordinance 743-306(KK1-5) to allow the installation of six (6) EV Chargers to service electric school buses within the required setback.

**Analysis:**
Zoning Code allows temporary equipment for 18 months with an extension of 180 days (total 24 months). The request to install the EV chargers within the required setback and use for longer than the 24 months permitted.

City of
Lawrence
Indiana

**Summary of the Subject Property Zoning Standards**

| | |
|---|---|
| Current Zoning Designation: | I4 |
| Surrounding Property Zoning | |
| North: | I4 |
| South: | C7 |
| East: | I3 |
| West: | I4 |
| Comprehensive Plan Land Use Designation: | |
| Current Land Use: | Industrial |
| Compact Context Area: | Metro |
| Relevant Code Sections: | 743-306(KK1-5) |

## KK. Temporary Construction Yard, Office, or Equipment Storage.

1. Temporary use structures are permitted in all industrial districts under a temporary Improvement Location Permit issued by the Administrator. A temporary Improvement Location Permit for a temporary use structure shall be valid for a maximum of 18 months. An extension of time not to exceed 180 days may be granted by the Administrator for good cause shown. The request for extension must be filed with the Administrator prior to the termination date of the temporary Improvement Location Permit.
2. The temporary use structure must be incidental to and necessary for the sale, rental, lease of, or construction of, real property or premises in the zoning district that permits the use and located within 300 feet of the lot or project.
3. Temporary use structures shall comply with all setback requirements for a primary building on the site, provided, however, that temporary construction trailers are permitted within the required front, side, or rear yards if they do not encroach into any Clear Sight Triangular Areas.
4. No public address systems or other noise producing devices are permitted.
5. All site lighting shall comply with Chapter 744, Article VI Street and Exterior Lighting.

City of
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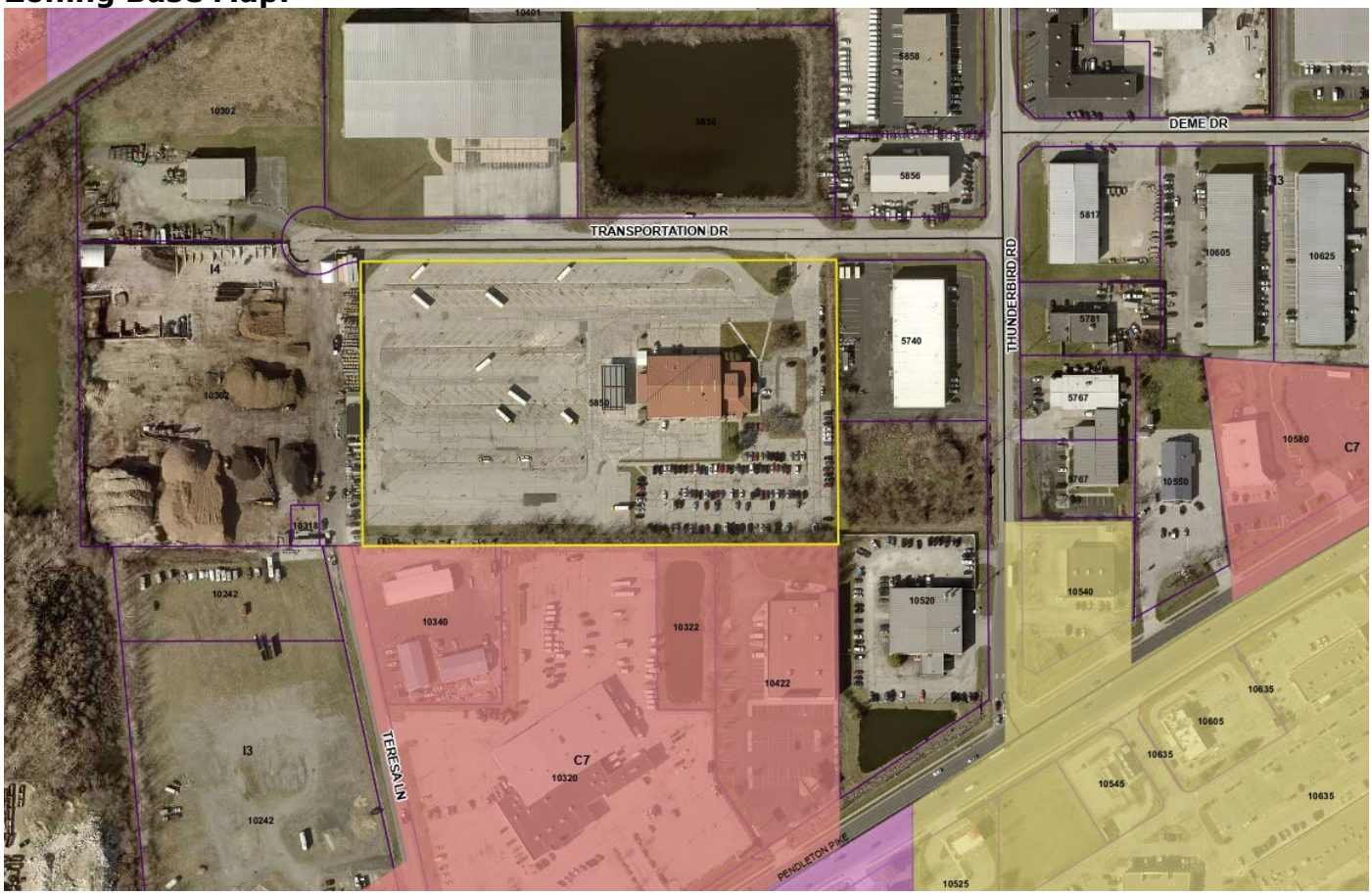
**Aerial:**


DEPARTMENT OF PUBLIC WORKS
9001 E. 59th Street, Suite 205 • Lawrence, IN 46216
(317) 545-5566 • Fax (317) 549-4837

City of
Lawrence
Indiana

## Zoning Base Map:

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City of
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Indiana

**Findings of Fact (as provided by applicant):**

LAWRENCE BOARD OF ZONING APPEALS
OF MARION COUNTY, INDIANA

VARIANCE OF DEVELOPMENT STANDARDS
FINDINGS OF FACT

1. THE GRANT WILL NOT BE INJURIOUS TO THE PUBLIC HEALTH, SAFETY, MORALS AND GENERAL WELFARE OF THE COMMUNITY BECAUSE:

It will be contained within a fenced area of the property inaccessible to the general public, and it shall only be utilized and operated by staff members to perform charging operations for electric school bus transportation.

2. THE USE OR VALUE OF THE AREA ADJACENT TO THE PROPERTY INCLUDED IN THE VARIANCE WILL NOT BE AFFECTED IN A SUBSTANTIALLY ADVERSE MANNER BECAUSE:

It does not create any negative or injurious noise, aesthetic elements, or other types of detrimental characteristics that would impact the quiet enjoyment, use or value of adjacent areas.

3. THE STRICT APPLICATION OF THE TERMS OF THE ZONING ORDINANCE WILL RESULT IN PRACTICAL DIFFICULTIES IN THE USE OF THE PROPERTY BECAUSE

It would require the placement of charging equipment in a location of the property that would limit expansion, create operational issues for the staff, as well as safety hazarrds resulting from proximity t drive aisles and diesel fueling stations.

## PROJECT TEAM

**ENGINEER**

| | |
|---|---|
| COMPANY: | AZIMUTH ENGINEERING GROUP, LLC |
| ADDRESS: | 90 E HALSEY ROAD, STE 382 |
| CITY, STATE, ZIP: | PARSIPPANY, NJ 07054 |
| CONTACT: | JEREMY MCKEON |
| E-MAIL: | PXT@AZIMUTHEG.COM |

**APPLICANT/LESSEE**

| | |
|---|---|
| COMPANY: | PxT INFASTRUCTURE SOLUTIONS |
| ADDRESS: | 461 FROM ROAD, SUITE 255 |
| CITY, STATE, ZIP: | PARAMUS, NJ 07652 |
| CONTACT: | EVAN SMITH |
| PHONE: | 201-470-2268 |

## PROJECT DESCRIPTION/SCOPE OF WORK

THE PROPOSED WORK CONSISTS OF THE CONSTRUCTION AND INSTALLATION OF EV CHARGERS WITH ASSOCIATED UTILITIES:

- NEW 800A 480V SERVICE
- (4) 60kW CHARGERS AND (2) 44kW CHARGERS MOUNTED ON K -RAILS
- UNDERGROUND TO ABOVE GRADE TRANSITIONS FOR MULTIPLE CONDUITS
- K-RAIL CONDUIT MOUNTING SYSTEM

## SHEET INDEX



## SITE INFORMATION

**PROPERTY/TOWER OWNER**

| | |
|---|---|
| NAME: | 5850 THUNDERBIRD LLC, c/o BEAU ANSTY. |
| ADDRESS:<br>CITY, STATE, ZIP: | 5850 THUNDERBIRD RD<br>INDIANAPOLIS, IN 46236 |
| COUNTY: | MARION COUNTY |
| PARCEL ID #: | 4037063 |
| LATITUDE:<br>LONGITUDE: | 39.86039841208565,<br>-85.983271742045 |
| LAT./LONG. TYPE: | NAD 83 |
| ZONING/JURISDICTION: | CITY OF LAWRENCE, MARION COUNTY, INDIAINA. INDIANAPOLIS DEPARTMENT OF METROPOLITAN DEVELOPMENT. |
| ZONING DISTRICT: | I-4: HEAVY INDUSTRIAL ZONE; METRO CONTEXT |
| CURRENT USE/PROPOSED USE: | UNMANNED EV CHARGER FACILITY |
| HANDICAP REQUIREMENTS: | FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS NOT REQUIRED. |

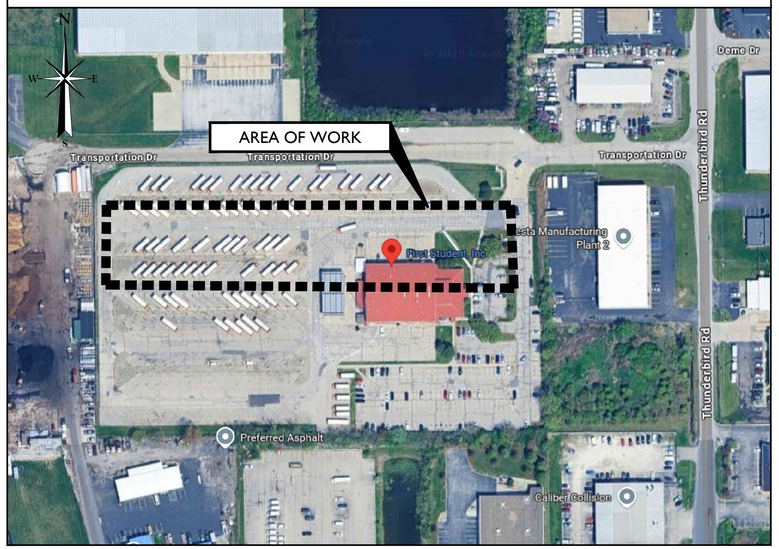
FIRSTstudent

# SITE NAME: INDIANAPOLIS

5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

SCOPE OF WORK:
EV CHARGER INSTALL

## VICINITY MAP




## GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

## APPLICABLE BUILDING CODES & STANDARDS

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.

- INDIANA BUILDING CODE 2014 EDITION (IBC 2012 AMENDED)
- INDIANA MECHANICAL CODE 2014 EDITION (IMC 2012 AMENDED)
- INDIANA FIRE CODE, 2014 EDITION (IFC 2012 AMENDED)
- INDIANA PLUMBING CODE 2012 (IPC 2006 AMENDED)

FIRSTstudent

AZIMUTH ENGINEERING GROUP

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

| SCALE: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| AS SHOWN | JRF | SAB |

| REV | DATE | DESCRIPTION | DRAWN BY | CHECKED BY |
|---|---|---|---|---|
| B | 11/10/25 | REVISED PER COMMENTS | JRF | SAB |
| A | 11/05/25 | ISSUED FOR REVIEW | JRF | SAB |

JEREMY K MCKEON REGISTERED PROFESSIONAL ENGINEER
No. 12500720
STATE OF INDIANA

JEREMY K MCKEON
INDIANA LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 12500720

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:
INDIANAPOLIS

5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

SCOPE OF WORK:
EV CHARGER



SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

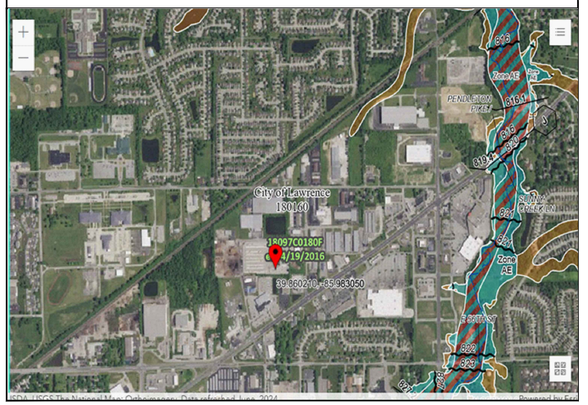
## GENERAL NOTES:

1. ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND PROJECT SPECIFICATIONS.
2. DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.
3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK.
4. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
5. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THESE DRAWINGS.
6. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
7. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AND ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE ENGINEER
8. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTORS EXPENSE TO THE SATISFACTION OF THE OWNER.
9. THE SUBCONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
10. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRICAL, AND OTHER UTILITIES THAT WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY THE RESPONSIBLE ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE SUBCONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. SUBCONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B)CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING & EXCAVATION.
11. ALL EXISTING INACTIVE SEWER , WATER, GAS, ELECTRICAL AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.
12. THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE AREA OF WORK, EQUIPMENT OR DRIVEWAY SHALL BE GRADED TO A UNIFORM SLOPE AND STABILIZED TO PREVENT EROSION.
13. SUBCONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
14. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
15. THE SUB-GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
16. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE EQUIPMENT AND AREA OF WORK AREAS.
17. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
18. THE SUBCONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION OF SITE SIGNAGE.
19. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
20. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR.
21. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWING. SUBCONTRACTOR SHALL ADD NEW CABLE MANAGEMENT SYSTEM AS NECESSARY. SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR.
22. ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301.
23. ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL BE AIR-ENTRAINED AND SHALL HAVE A 4000 PSI STRENGTH AT 28 DAYS.
24. ALL STRUCTURAL STEEL WORK SHALL BE DETAILED , FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS. ALL STRUCTURAL STEEL W-BEAMS SHALL BE ASTM A992, PIPES SHALL BE ASTM A53, AND ALL OTHER STRUCTURAL STEEL SHALL BE ASTM A36, UNLESS NOTED OTHERWISE.
25. ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED. TOUCH UP ALL SCRATCHES AND OTHER MARKS IN THE FIELD AFTER STEEL IS ERECTED USING A COMPATIBLE ZINC RICH PAINT.
26. CONSTRUCTION SHALL COMPLY WITH SPECIFICATIONS AND GENERAL CONSTRUCTION SERVICES FOR CARRIER.
27. SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
28. THE EXISTING SITE IS IN FULL COMMERCIAL OPERATION, ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISTURB THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK SHOULD BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDNIGHT.
29. SINCE THE SITE IS ACTIVE, ALL REQUIRED STATE AND LOCAL SAFETY PRECAUTIONS MUST BE TAKEN WHIE WORKING ON SITE.

## GROUNDING NOTES:

1. THE SUBCONTRACTOR SHALL REVIEW AND INSPECT THE EXISTING FACILITY GROUNDING SYSTEM, AS DESIGNED AND INSTALLED, FOR STRICT COMPLIANCE WITH THE CURRENT NEC CODE, THE SITE-SPECIFIC UL, LPI, OR NFPA LIGHTING PROTECTION CODE, AND GENERAL COMPLIANCE WITH GROUNDING STANDARDS. THE SUBCONTRACTOR SHALL REPORT ANY VIOLATIONS OR ADVERSE FINDINGS TO THE CONTRACTOR FOR RESOLUTION.
2. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION, AND AC POWER GES'S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
3. THE SUBCONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
4. THE SUBCONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT.
5. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 AWG COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
6. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
7. EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE EQUIPMENT GROUND RING WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, 6 AWG STRANDED COPPER OR LARGER FOR INDOOR CABINETS; 2 AWG STRANDED COPPER FOR OUTDOOR CABINETS.
8. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED. BACK TO BACK CONNECTIONS ON OPPOSITE SIDES OF THE GROUND BUS ARE PERMITTED.
9. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING, SHALL BE #2 AWG SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
10. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
11. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED. ALL BENDS SHALL BE MADE WITH 12" RADIUS OR LARGER.
12. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
13. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS EXCEPT FOR GROUND BAR CONNECTION FROM GROUND BAR TO OUTSIDE EXTERIOR GROUND SHALL ALL BE CADWELD CONNECTIONS.
14. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
15. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED TO THE TOWER GROUND BAR.
16. APPROVED ANTIOXIDANT COATINGS (I.E. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
17. ALL EXTERIOR AND INTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
18. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
19. BOND ALL METALLIC OBJECTS WITHIN 6 FT OF MAIN GROUND WIRES WITH 1-#2 AWG TIN-PLATED COPPER GROUND CONDUCTOR.
20. GROUND CONDUCTORS USED IN THE FACILITY GROUND AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC PLASTIC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (E.G. NON-METALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.
21. ALL NEW STRUCTURES WITH A FOUNDATION AND/OR FOOTING HAVING 20 FT. OR MORE OF 1/4" OR GREATER ELECTRICALLY CONDUCTIVE REINFORCING STEEL MUST HAVE IT BONDED TO THE GROUND RING USING AN EXOTHERMIC WELD CONNECTION USING #2 AWG SOLID BARE TINNED COPPER GROUND WIRE, PER NEC 250.50.

FEMA FLOOD MAP 2019




NOTE:
BASED ON FEMA FLOOD MAP 18097C0180F, THE AREA OF WORK IS NOT LOCATED IN A FLOOD ZONE.

FIRSTstudent

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JEREMY K MCKEON REGISTERED No. 12500720 STATE OF INDIANA PROFESSIONAL ENGINEER

JEREMY K MCKEON
INDIANA LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 12500720

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SITE NAME:
INDIANAPOLIS

5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

SCOPE OF WORK:
EV CHARGER



SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
GN-1

## RECORD LEGAL DESCRIPTION

*PARCEL I:*

*PART OF THE SOUTHWEST QUARTER OF SECTION 4, TOWNSHIP 16 NORTH, RANGE 5 EAST, LAWRENCE TOWNSHIP, MARION COUNTY, INDIANA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:*
*COMMENCING AT THE NORTHEAST CORNER OF THE SOUTHWEST QUARTER OF SECTION 4, TOWNSHIP 16 NORTH, RANGE 5 EAST, LAWRENCE TOWNSHIP, MARION COUNTY, INDIANA; THENCE SOUTH 00 DEGREES 01 MINUTE 04 SECONDS WEST (ASSUMED BEARING) 1329.57 FEET ON THE EAST LINE OF SAID SOUTHWEST QUARTER TO THE POINT OF BEGINNING OF THIS DESCRIPTION, BEING THE SOUTHEAST CORNER OF THE NORTHEAST CORNER OF SAID SOUTHWEST QUARTER, SAID SOUTHEAST CORNER BEING COLLINEAR WITH AND EQUIDISTANT FROM THE NORTHEAST AND SOUTHEAST CORNERS OF SAID SOUTHWEST QUARTER; THENCE NORTH 89 DEGREES 55 MINUTES 03 SECONDS WEST 838.53 FEET ON THE SOUTH LINE OF THE NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER TO A 5/8 INCH REBAR WITH CAP SET ("CAPPED REBAR"); THENCE NORTH 00 DEGREES 01 MINUTES 04 SECONDS EAST 501.79 FEET PARALLEL WITH THE EAST LINE OF SAID SOUTHWEST QUARTER TO A CAPPED REBAR; THENCE SOUTH 89 DEGREES 55 MINUTES 03 SECOND EAST 838.53 FEET PARALLEL WITH THE SOUTH LINE OF THE NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER TO A CAPPED REBAR ON THE EAST LINE OF SAID SOUTHWEST QUARTER; THENCE SOUTH 00 DEGREES 01 MINUTE 04 SECONDS WEST 501.79 FEET ON THE EAST LINE OF SAID SOUTHWEST QUARTER TO THE POINT OF BEGINNING, CONTAINING 9.66 ACRES, MORE OR LESS.*

*PARCEL II:*
*PART OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 4, TOWNSHIP 16 NORTH, RANGE 5 EAST OF THE SECOND PRINCIPAL MERIDIAN, LAWRENCE TOWNSHIP, MARION COUNTY, INDIANA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:*
*COMMENCING AT THE NORTHEAST CORNER OF THE SOUTHWEST QUARTER OF SECTION 4, TOWNSHIP 16 NORTH, RANGE 5 EAST OF THE SECOND PRINCIPAL MERIDIAN, LAWRENCE TOWNSHIP, MARION COUNTY, INDIANA; THENCE SOUTH 00 DEGREES 01 MINUTE 04 SECONDS WEST (ASSUMED BEARING) 752.78 FEET ON THE EAST LINE OF SAID SOUTHWEST QUARTER TO THE POINT OF BEGINNING MARKED BY A 5/8 INCH DIAMETER REBAR W/CAP MARKED WEIHE ENGR 0012 ("CAPPED REBAR") AT A POINT LOCATED NORTH 00 DEGREES 01 MINUTE 04 SECONDS EAST 75.00 FEET FROM THE NORTHEAST CORNER OF THE REAL ESTATE DESCRIBED IN INSTRUMENT #91-85066 IN THE OFFICE OF THE RECORDER OF MARION COUNTY, INDIANA; THENCE NORTH 89 DEGREES 55 MINUTES 03 SECONDS WEST 454.32 FEET PARALLEL WITH THE SOUTH LINE OF THE NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER TO A CAPPED REBAR; THENCE NORTH 00 DEGREES 01 MINUTE 04 SECONDS EAST 339.16 FEET PARALLEL WITH THE EAST LINE OF SAID SOUTHWEST QUARTER TO A CAPPED REBAR; THENCE SOUTH 89 DEGREES 55 MINUTES 03 SECONDS EAST 454.32 FEET PARALLEL WITH THE SOUTH LINE OF THE NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER TO A CAPPED REBAR ON THE EAST LINE THEREOF; THENCE SOUTH 00 DEGREES 01 MINUTE 04 SECONDS WEST 339.16 FEET ON THE EAST LINE OF SAID SOUTHWEST QUARTER TO THE POINT OF BEGINNING, CONTAINING 3.54 ACRES, MORE OR LESS.*

*TOGETHER WITH:*
*PART OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 4, TOWNSHIP 16 NORTH, RANGE 5 EAST OF THE SECOND PRINCIPAL MERIDIAN, LAWRENCE TOWNSHIP, MARION COUNTY, INDIANA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:*
*COMMENCING AT THE NORTHEAST CORNER OF THE SOUTHWEST QUARTER OF SECTION 4, TOWNSHIP 16 NORTH, RANGE 5 EAST OF THE SECOND PRINCIPAL MERIDIAN, LAWRENCE TOWNSHIP, MARION COUNTY, INDIANA; THENCE SOUTH 00 DEGREES 01 MINUTE 04 SECONDS WEST (ASSUMED BEARING) 752.78 FEET ON THE EAST LINE OF SAID SOUTHWEST QUARTER TO THE POINT OF BEGINNING MARKED BY A 5/8 INCH DIAMETER REBAR W/CAP MARKED WEIHE ENGR 0012 ("CAPPED REBAR") AT A POINT LOCATED NORTH 00 DEGREES 01 MINUTE 04 SECONDS EAST 75.00 FEET FROM THE NORTHEAST CORNER OF THE REAL ESTATE DESCRIBED IN INSTRUMENT #91-85066 IN THE OFFICE OF THE RECORDER OF MARION COUNTY, INDIANA; THENCE NORTH 89 DEGREES 55 MINUTES 03 SECONDS WEST 423.98 FEET PARALLEL WITH THE SOUTH LINE OF THE NORTHEAST QUARTER OF SAID SOUTHWEST QUARTER TO A CAPPED REBAR; THENCE SOUTH 00 DEGREES 01 MINUTE 04 SECONDS WEST 75.00 FEET PARALLEL WITH THE EAST LINE OF SAID SOUTHWEST QUARTER TO A CAPPED REBAR ON THE NORTH LINE OF THE REAL ESTATE DESCRIBED IN SAID INSTRUMENT #91-85066; THENCE SOUTH 89 DEGREES 55 MINUTES 03 SECONDS EAST 423.98 FEET ON THE NORTH LINE OF THE REAL ESTATE DESCRIBED IN SAID INSTRUMENT #91-85066 TO THE NORTHEAST CORNER THEREOF; THENCE NORTH 00 DEGREES 01 MINUTE 04 SECONDS EAST 75.00 FEET ON THE EAST LINE OF SAID SOUTHWEST QUARTER TO THE POINT OF BEGINNING, CONTAINING 0.73 ACRES; MORE OR LESS.*

## PROVIDED DOCUMENTS

1. *1. LEASE, RECORDED ON 11/23/2020, INSTRUMENT NO. A2020007137632 IN THE RECORDS OF MARION COUNTY, INDIANA STATE.* ***THE LEASE COVERS THE PROPERTY AND IS BLANKET IN NATURE. THE PROPERTY IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH THEREIN.***
2. *2. LEASE, RECORDED ON 02/07/2022, INSTRUMENT NO. A202200015702 IN THE RECORDS OF MARION COUNTY, INDIANA STATE.* ***THE LEASE COVERS THE PROPERTY AND IS BLANKET IN NATURE. THE PROPERTY SUBJECT TO THE TERMS AND CONDITIONS SET FORTH THEREIN.***
3. *3. NOTICE, RECORDED ON 12/23/1985, INSTRUMENT NO. A198500112552 IN THE RECORDS OF MARION COUNTY, INDIANA STATE.* ***THE NOTICE DOES NOT TOUCH OR ABUT THE PROPERTY. NOT SHOWN.***
4. *4. NOTICE, RECORDED ON 12/04/2002, INSTRUMENT NO. A200200235523 IN THE RECORDS OF MARION COUNTY, INDIANA STATE.* ***THE NOTICE DOES NOT TOUCH OR ABUT THE PROPERTY. NOT SHOWN.***
5. *5. EASEMENT, RECORDED ON 08/20/1991, INSTRUMENT NO. A199100085067 IN THE RECORDS OF MARION COUNTY, INDIANA STATE.* ***THE EASEMENT IS LOCATED ON THE PROPERTY AND IS SHOWN HEREON.***
6. *6. EASEMENT, RECORDED ON 10/04/1995, INSTRUMENT NO. A199500124764 IN THE RECORDS OF MARION COUNTY, INDIANA STATE.* ***THE EASEMENT IS LOCATED ON THE PROPERTY AND ANOTHER EASEMENT ABUTS THE PROPERTY AND IS SHOWN HEREON.***
7. *7. EASEMENT, RECORDED ON 02/05/1997, INSTRUMENT NO. A199700022777 IN THE RECORDS OF MARION COUNTY, INDIANA STATE.* ***THE EASEMENT IS LOCATED ON THE PROPERTY AND IS SHOWN HEREON.***
8. *8. EASEMENT, RECORDED ON 12/09/1999, INSTRUMENT NO. A199900232769 IN THE RECORDS OF MARION COUNTY, INDIANA STATE.* ***THE EASEMENT IS LOCATED ON THE PROPERTY AND IS SHOWN HEREON.***
9. *9. PLAT MAP, RECORDED ON 03/23/2016, INSTRUMENT NO. A201600029645 IN THE RECORDS OF MARION COUNTY, INDIANA STATE.* ***THE PLAT COVERS THE PROPERTY. NOT SHOWN AS THERE ARE NO ITEMS TO DEPICT.***
10. *10. PLAT MAP, RECORDED ON 03/30/1994, INSTRUMENT NO. A199400049852 IN THE RECORDS OF MARION COUNTY, INDIANA STATE.* ***THE PLAT COVERS THE PROPERTY AND IS SHOWN HEREON.***

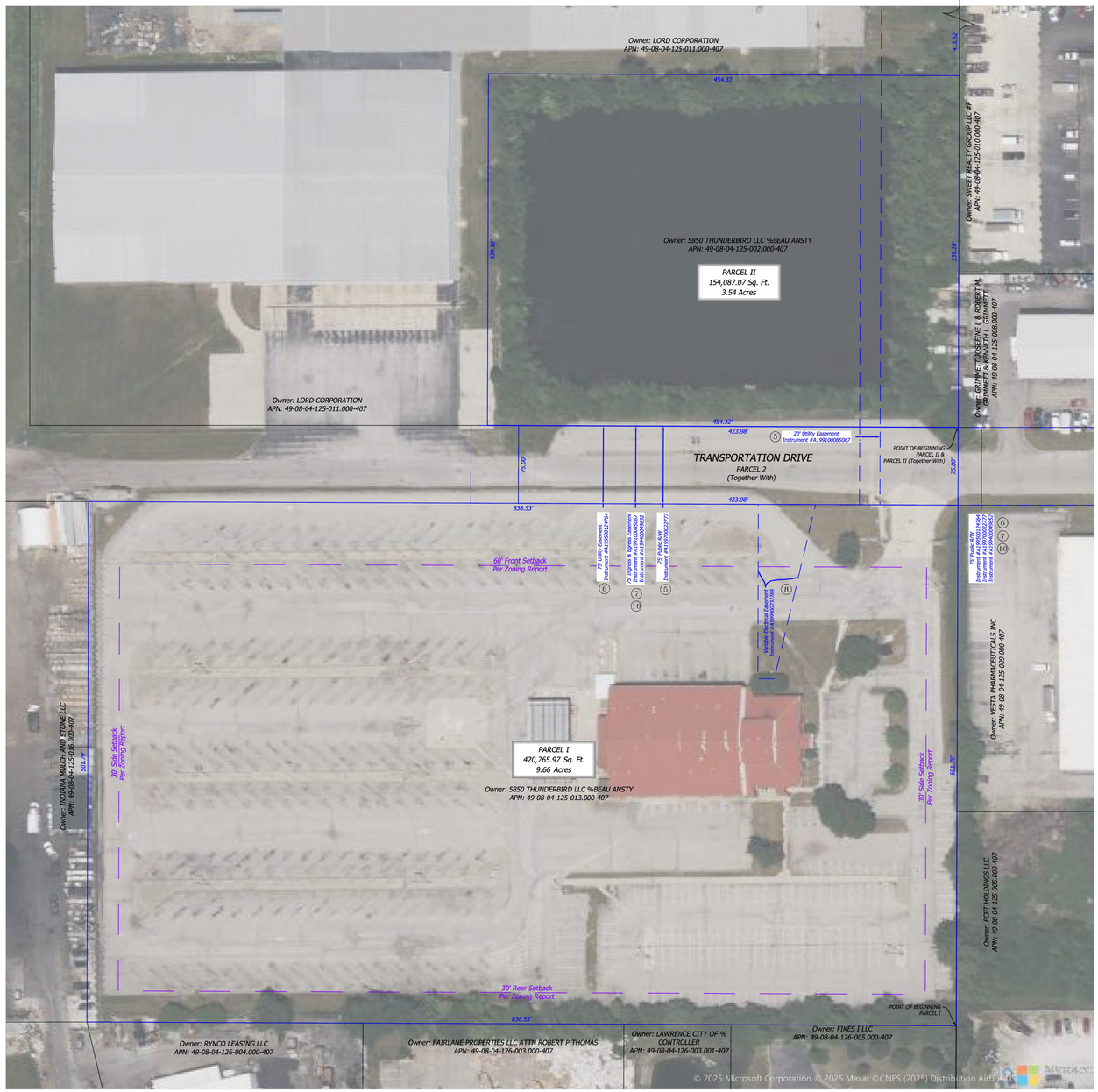
## ZONING INFORMATION

*ZONING INFORMATION SHOWN HEREON WAS OBTAINED BY BUREAU VERITAS WITH A PROJECT NUMBER OF 171212.24R000-014.221, DATED N/A.*

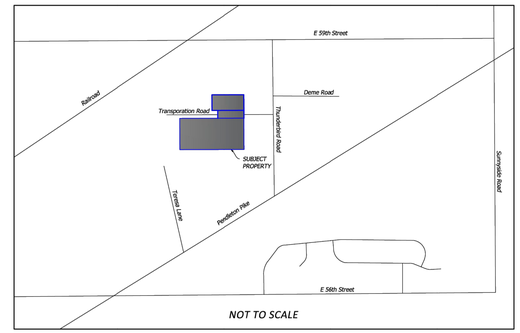
| | |
|---|---|
| ZONING DESIGNATION | "I-4" Heavy Industrial |
| FRONT SETBACK | 60' from Right-or-Way |
| SIDE SETBACK | 60' from Right-or-Way |
| SIDE SETBACK | 30' |
| REAR SETBACK | 30' |
| MINIMUM LOT SIZE | None specified |
| BUILDING FOOTPRINT | None specified |
| REQUIRED WIDTH | 75'-Frontage |
| MAXIMUM FLOOR AREA RATIO | None specified |
| MAXIMUM BUILDING COVERAGE | None specified |
| MAXIMUM IMPERVIOUS COVERAGE | None specified |
| DENSITY | None specified |
| BUILDING HEIGHT | None specified |
| PARKING | All other vehicle related operations: Minimum of 5 Spaces. |

## FLOOD INFORMATION

*By graphic plotting only, the subject property is located within Zone 'X' (UNSHADED) as shown on Flood Insurance Rate Map, Community No. 180160, Map Number 18097C0180F which bears an effective date of 4/19/2016 and is not located in a special flood hazard area. As shown on the FEMA web site (https://www.fema.gov/cis/FL.html).*




## VICINITY MAP




## GENERAL NOTES

1. *This is not a BOUNDARY SURVEY. No field survey has been completed on this property.*
2. *The property has a direct physical access to Transportation Drive, being dedicated public road or highway, with no gaps, gores or overlaps.*
3. *Adjacent owner information including the tax parcel number was taken from the latest tax assessors property owners map when this land title survey was prepared.*

SCALE : = 60'

60' 30' 0 60'

JEREMY K MCKEON
REGISTERED
No. 12500720
STATE OF
INDIANA
PROFESSIONAL ENGINEER

## LAND AREA

*PARCEL I-420,765.97 Sq. Ft. or 9.66 Acres, more or less.*

*PARCEL II-154,087.07 Sq. Ft. or 3.54 Acres, more or less.*

## LEGEND

- ZONING SETBACK LINE
- PROPERTY LINE
- EASEMENT LINE
- LOT LINE

## REVISIONS

| NO. | Description of Revisions | DATE |
|---|---|---|
| 1 | First Draft | 04/11/2025 |
| 2 | ZONING | 04/17/2025 |
| 3 | NEW DOCUMENTS | 04/18/2025 |

# OWNERSHIP AND ENCUMBRANCE MAP

*INDIANAPOLIS, IN*

*PROJECT # 171212.24R000-014.462 - SITE #14*

*5850 THUNDERBIRD ROAD*

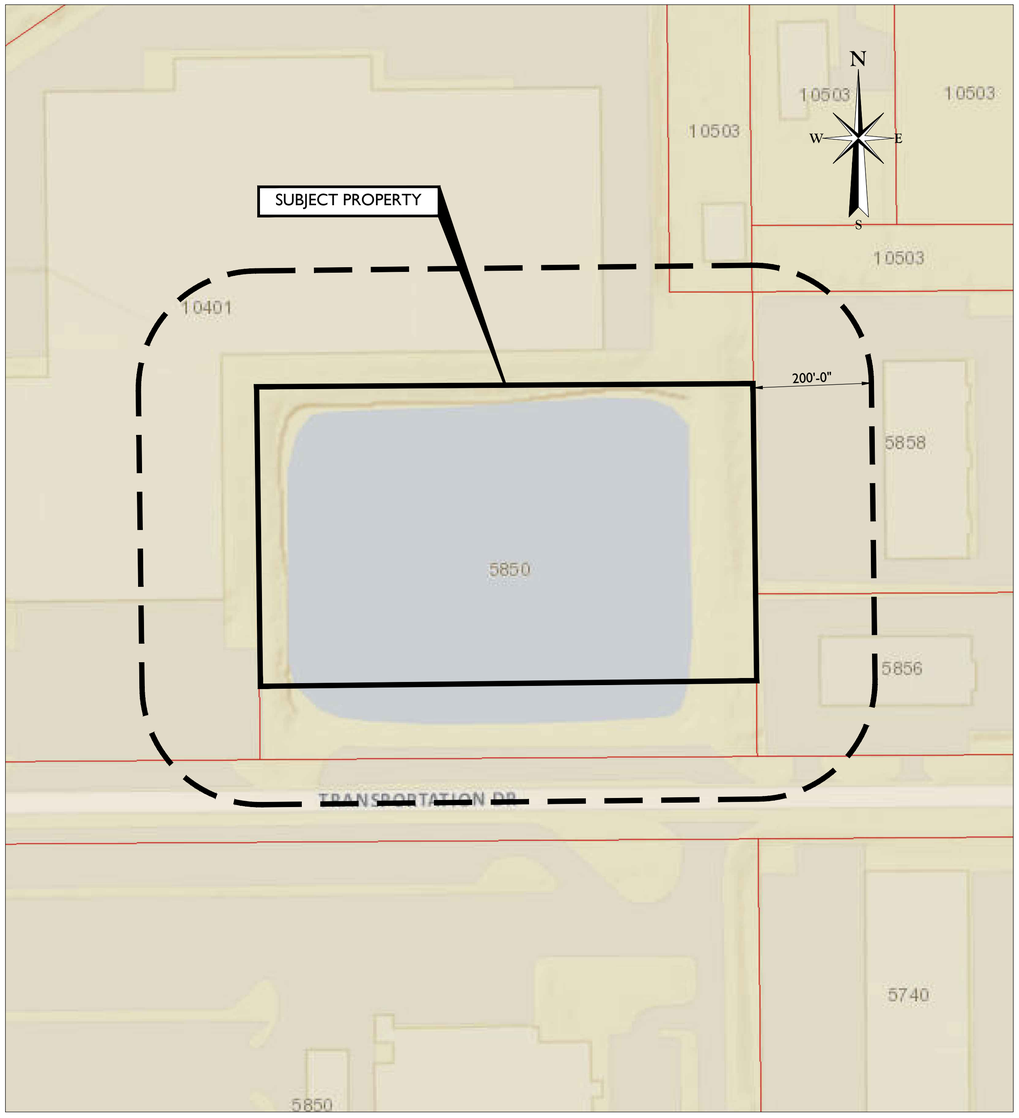
*Indianapolis, Marion County, INDIANA 46236*


*Survey Coordinated by:*

***Bureau Veritas***

*510 E. Memorial Road, Suite A-1*
*Oklahoma City, OK 73114*
*800-411-2010*
*ALTA@bvna.com*
*www.bvna.com*


BUREAU VERITAS




1 200 FT RADIUS MAP

GRAPHIC SCALE (IN FEET) 20 0 20 40 60

SCALE : 1/32" = 1'-0" FOR 24"x36" DRAWINGS
SCALE : 1/64" = 1'-0" FOR 11"x17" DRAWINGS


2 ZONING MAP

GRAPHIC SCALE (IN FEET) 300 0 300 600

SCALE : 1" = 300'-0" FOR 24"x36" DRAWINGS
SCALE : 1/2" = 300'-0" FOR 11"x17" DRAWINGS

## ZONING MAP LEGEND

| Dwelling Zoning Districts | |
|---|---|
| D-A | Agriculture, SFR on 3 acres min |
| D-S | SFR on 1 acre min |
| D-1 | SFR on 24K sf min |
| D-2 | SFR on 15K sf min, 2FR on 20K sf min, corners only |
| D-3 | SFR on 10K sf min, 2FR on 15K sf min, corners only |
| D-4 | SFR on 7200 sf min, 2FR on 10K sf min |
| D-5 | SFR on 5K sf min, 2FR on 7200 sf min |
| D-5II | SFR on 2800, 2FR on 5K, SFR Attached on 2400 sf |
| D-6 | 2FR, SFR Attached, 3FR, 4FR, MF, Live-Work in Suburban setting (6-9 du/ac) next to SFR |
| D-6II | 2FR, SFR Attached, 3FR, 4FR, MF, Live-Work in Suburban setting (9-12 du/ac) near SFR |
| D-7 | 2FR, SFR Attached, 3FR, 4FR, MF, Live-Work as Transition between Suburban and Urban settings |
| D-8 | SFR, SFR Attached, 2FR, 3FR, 4FR, MF, Live-Work in Urban setting of mixed development |
| D-9 | SFR Attached, MF, Live-Work High-rise in Suburban setting |
| D-10 | SFR Attached, MF, Live-Work High-rise in Urban setting |
| D-11 | Mobile Home community |
| D-P | Planned, creative, negotiated dwelling district |

| Commercial Zoning Districts | |
|---|---|
| C-1 | Office |
| C-3 | Neighborhood Retail |
| C-4 | Regional Commercial |
| C-5 | Auto-related Commercial |
| C-7 | Truck, Big stuff Commercial/Industrial |
| C-S | Special, creative, negotiated commercial district |
| **Mixed-Use Zoning Districts** | |
| MU-1 | Freestanding MU tower / node |
| MU-2 | MU neighborhood, corridor-type development |
| MU-3 | MU village (20-50 acres) |
| MU-4 | MU village w/ rapid transit (8-25 acres) |
| **Central Business Zoning Districts** | |
| CBD-1 | Monument Circle & surrounding blocks (4x4) |
| CBD-2 | Balance of downtown generally |
| CBD-3 | The Mall & surrounding blocks (Illinois-Delaware) |
| CBD-S | Special, superior, negotiated district in the CBD |
| **Industrial Zoning Districts** | |
| I-1 | Restricted, Inside only |
| I-2 | Light, Assembly, Packaging |
| I-3 | Medium, Shaping, Cutting |
| I-4 | Heavy, Blending, Heat/Chill, Liquids, Hazardous |

SFR=single family residence; MF=multifamily

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|---|---|---|
| AS SHOWN | JRF | SAB |

| REV | DATE | DESCRIPTION | DRAWN BY | CHECKED BY |
|---|---|---|---|---|
| B | 11/10/25 | REVISED PER COMMENTS | JRF | SAB |
| A | 11/05/25 | ISSUED FOR REVIEW | JRF | SAB |

JEREMY K MCKEON REGISTERED No. 12500720 STATE OF INDIANA PROFESSIONAL ENGINEER

JEREMY K MCKEON
INDIANA LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 12500720



SITE NAME:
INDIANAPOLIS

5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

SCOPE OF WORK:
EV CHARGER



SHEET TITLE:
200 FT. RADIUS MAP AND ZONING MAP

SHEET NUMBER:
Z-1

| BULK REQUIREMENTS FOR ZONE I4 | | | | |
|---|---|---|---|---|
| DESCRIPTION | REQUIRED | EXISTING | PROPOSED | COMMENTS |
| MAXIMUM HEIGHTS: | | | | |
| PRIMARY BUILDING HEIGHT | N/A | 30 FEET ± | NO CHANGE | CONFORMING |
| PRIMARY BUILDING HEIGHT ALONG TRANSITIONAL YARD | NO LIMIT | - | - | - |
| LOT: | | | | |
| MINIMUM STREET FRONTAGE IN METRO METRO AREA | 35 FEET | 838 FEET | NO CHANGE | CONFORMING |
| MIN. SETBACKS IN METRO CONTEXT: | | | | |
| FRONTS ALONG EXPRESSWAYS, FREEWAYS, PRIMARY AND SECONDARY ARTERIALS, COLLECTOR AND LOCAL STREETS | 60 FEET | 174 FEET 2 INCHES | 49 FEET 11 INCHES (CHARGER)<br>45 FEET (H-FRAME)<br>32 FEET 10 INCHES (WHEEL STOP) | PROPOSED NON-CONFORMING [VARIANCE REQUESTED] |
| SIDE AND REAR YARD | 30 FEET | 131 FEET 3 INCHES | 237 FEET 4 INCHES (H-FRAME)<br>282 FEET 5 INCHES (H-FRAME) | CONFORMING |
| YARD ABUTTING RAILROAD | N/A | N/A | N/A | N/A |

## 200 FT PROPERTY OWNER'S LIST

200 FT. PROPERTY OWNER'S LIST TO BE PROVIDED WITH FINAL SUBMISSION

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| REV | DATE | DESCRIPTION | DRAWN BY | CHECKED BY |
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JEREMY K MCKEON
INDIANA LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 12500720



SITE NAME:
INDIANAPOLIS

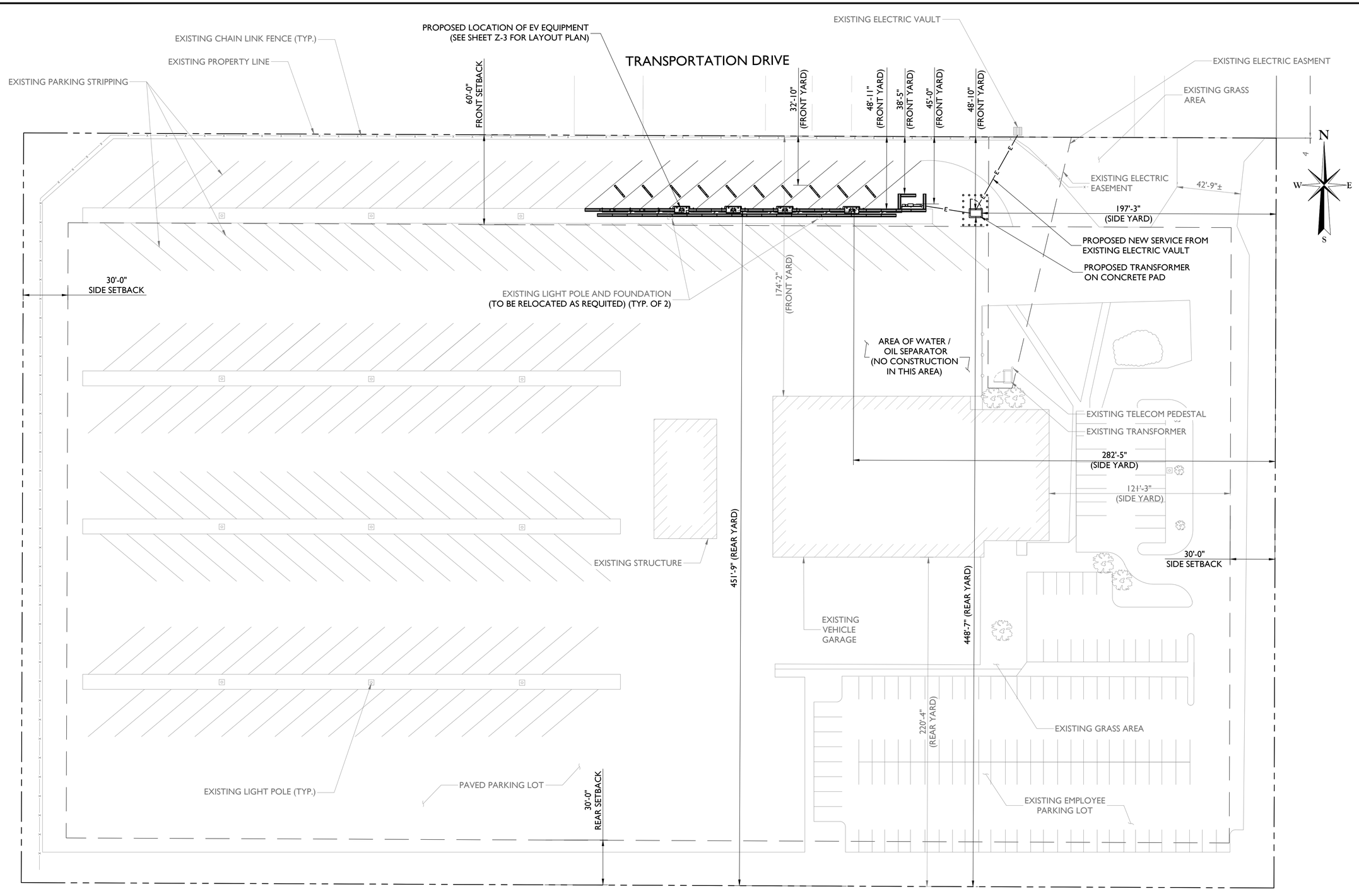
5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

SCOPE OF WORK:
EV CHARGER



SHEET TITLE:
200 FT. PROPERTY OWNERS LIST AND BULK REQUIREMENTS

SHEET NUMBER:
Z-2




NOTES:

1. NO CHANGE IN EXISTING PARKING SPACES UNDER PROPOSED SCOPE OF WORK.
2. NO ADVERTISING SIGNAGE PROPOSED UNDER THIS SCOPE OF WORK.

## 1 SITE PLAN

GRAPHIC SCALE (IN FEET)

SCALE : 1/32" = 1'-0" FOR 24"x36" DRAWINGS
SCALE : 1/64" = 1'-0" FOR 11"x17" DRAWINGS

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|---|---|---|---|---|
| B | 11/10/25 | REVISED PER COMMENTS | JRF | SAB |
| A | 11/05/25 | ISSUED FOR REVIEW | JRF | SAB |

JEREMY K. MCKEON REGISTERED No. 12500720 STATE OF INDIANA PROFESSIONAL ENGINEER

JEREMY K MCKEON
INDIANA LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 12500720



SITE NAME:
INDIANAPOLIS

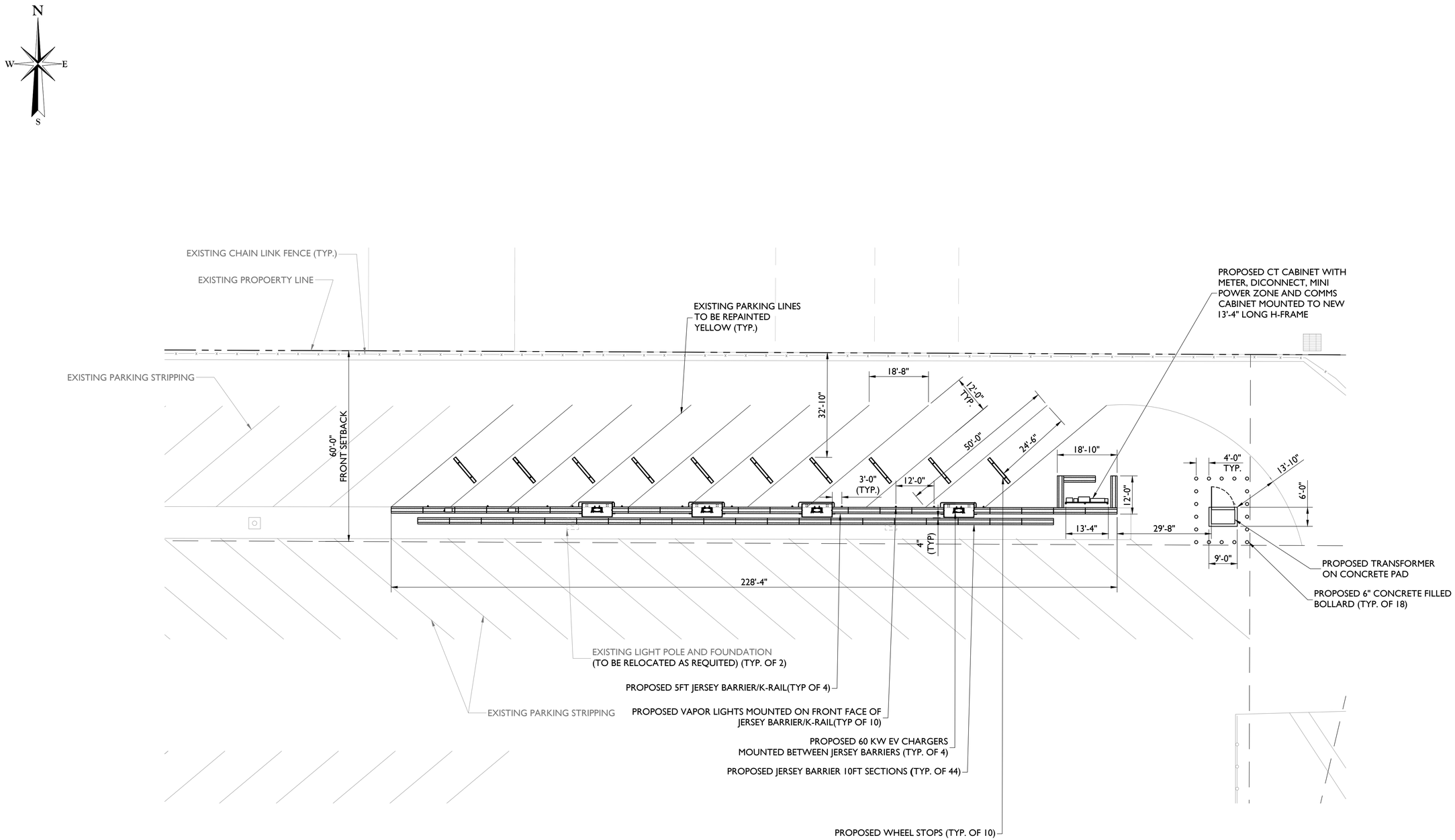
5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

SCOPE OF WORK:
EV CHARGER



SHEET TITLE:
SITE PLAN

SHEET NUMBER:
Z-3




1 ENLARGED SITE PLAN

GRAPHIC SCALE (IN FEET) 10 0 10 20

SCALE : 3/32" = 1'-0" FOR 24"x36" DRAWINGS
SCALE : 3/64" = 1'-0" FOR 11"x17" DRAWINGS

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| AS SHOWN | JRF | SAB |

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JEREMY K MCKEON REGISTERED No. 12500720 STATE OF INDIANA PROFESSIONAL ENGINEER

JEREMY K MCKEON
INDIANA LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 12500720



SITE NAME:
INDIANAPOLIS

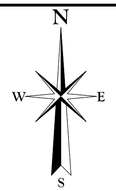
5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

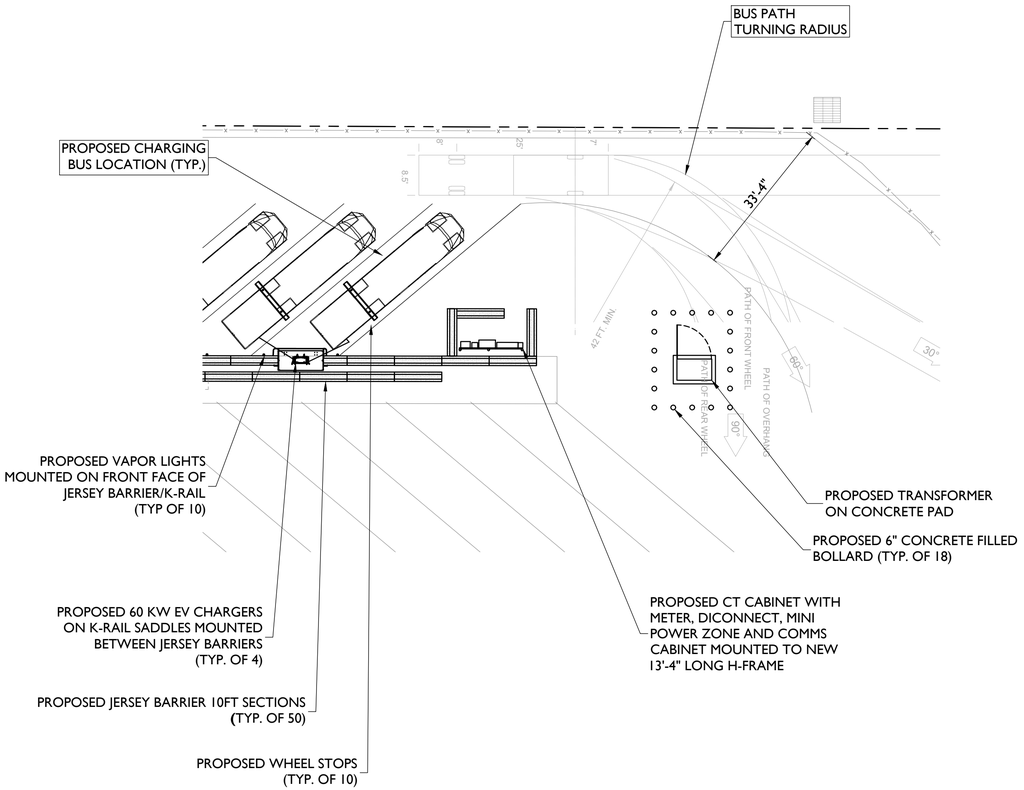
SCOPE OF WORK:
EV CHARGER



SHEET TITLE:
ENLARGED SITE PLAN

SHEET NUMBER:
Z-4

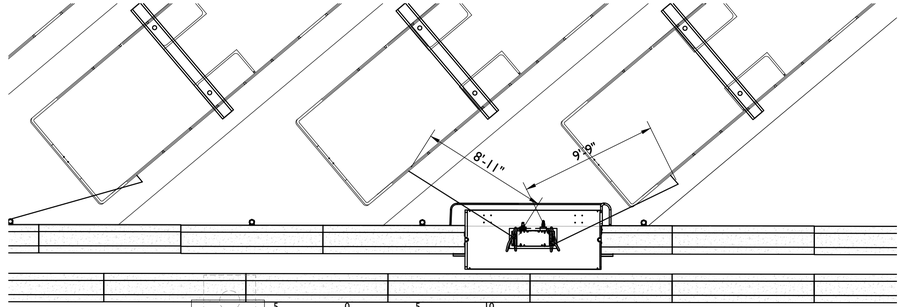



## 1 TURNING RADIUS PLAN

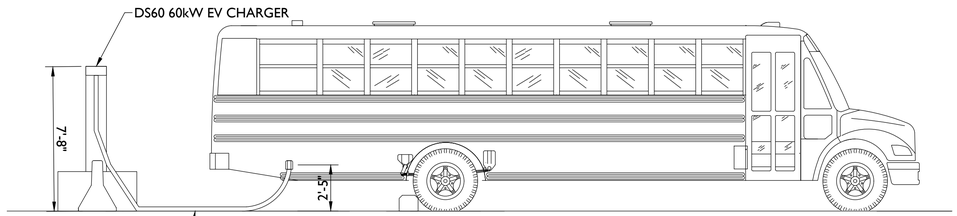
GRAPHIC SCALE (IN FEET) 16 0 8 16 32

SCALE : 1/16" = 1'-0" FOR 24"x36" DRAWINGS
SCALE : 1/32" = 1'-0" FOR 11"x17" DRAWINGS




GRAPHIC SCALE (IN FEET) 5 0 5 10

SCALE : 3/16" = 1'-0" FOR 24"x36" DRAWINGS
SCALE : 3/32" = 1'-0" FOR 11"x17" DRAWINGS



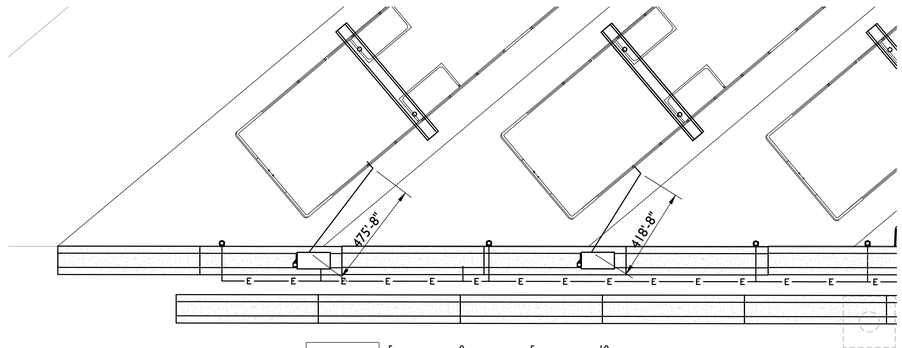

GRAPHIC SCALE (IN FEET) 4 0 4 8

SCALE : 1/4" = 1'-0" FOR 24"x36" DRAWINGS
SCALE : 1/8" = 1'-0" FOR 11"x17" DRAWINGS

MINIMUM REQUIRED CABLE LENGTH FOR DS60kW CHARGER: 21FT

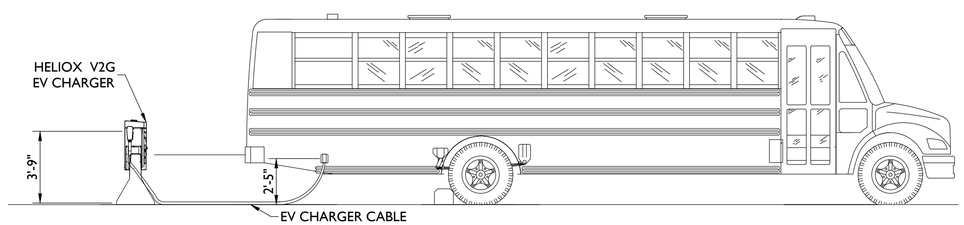
## 2 CORD LENGTH STUDY- DS60kW

SCALE: AS SHOWN




GRAPHIC SCALE (IN FEET) 5 0 5 10

SCALE : 3/16" = 1'-0" FOR 24"x36" DRAWINGS
SCALE : 3/32" = 1'-0" FOR 11"x17" DRAWINGS




MINIMUM REQUIRED CABLE LENGTH FOR HELIOX 44kW CHARGER: 13 FT

GRAPHIC SCALE (IN FEET) 4 0 4 8

SCALE : 1/4" = 1'-0" FOR 24"x36" DRAWINGS
SCALE : 1/8" = 1'-0" FOR 11"x17" DRAWINGS

## 3 CORD LENGTH STUDY - HELIOX 44kW

SCALE: AS SHOWN

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|---|---|---|
| AS SHOWN | JRF | SAB |

| REV | DATE | DESCRIPTION | DRAWN BY | CHECKED BY |
|---|---|---|---|---|
| B | 11/10/25 | REVISED PER COMMENTS | JRF | SAB |
| A | 11/05/25 | ISSUED FOR REVIEW | JRF | SAB |

JEREMY K MCKEON REGISTERED No. 12500720 STATE OF INDIANA PROFESSIONAL ENGINEER

JEREMY K MCKEON
INDIANA LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 12500720



SITE NAME:
INDIANAPOLIS

5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

SCOPE OF WORK:
EV CHARGER



SHEET TITLE:
TURNING RADIUS PLAN AND CORD LENGTH STUDY

SHEET NUMBER:
Z-5

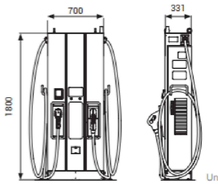
# SPECIFICATION

| | | unit | CE | UL |
|---|---|---|---|---|
| AC Input | Input Voltage | X | 3Φ_380~415Vac, ±15% (50/60hz) | 3Φ_480Vac, +10%, -15% (50/60hz) |
| | Input Current Rating | A | Max:115 | Nominal:78 |
| | Max. Input Power | kVA | 65 | 65 |
| | Connection/ Power Grid System | | 3P+ N+ PE , TN/TT | |
| | Power factor | X | >0.99 | |
| | Efficiency | % | >94 | |
| DC Output | Output Voltage | V | 150 ~ 950 | |
| | Simultaneously output | - | Balance Distribute | |
| | Current | A | CCS2 air cooling 150, CCS1 air cooling:120A CHAdeMO:120A, GB:120A | |
| Mechanical | Dimension (W x D x H) | mm/inch | 700 x 331 x 1800 mm | 28 x 13 x 71 inch |
| | Weight(+/-3%) | kg/lbs | 235 kgs | 518 lbs |
| | Cable length | m/ft | 4 | 13 |
| Environment | Operating Temperature | °C / °F | -30~50°C | -22~122°F |
| | Humidity | % | 5~95% | |
| | IP/IK ratings | - | IP55 \| IK10 (HMI IK8) | NEMA 3R \| IK10 (HMI IK8) |
| Compliance | EMC/EMI | - | IEC.61851-21-2 | FCC Part 15 Subpart B ICES-003 |
| | Safety | - | IEC.61851-1, IEC.61851-23 | UL 2202 UL 2231 |
| Protection | Input | - | OVP, UVP, OCP, OPP, OTP, SPD, RCD | OVP, UVP, OCP, OPP, OTP, SPD |
| | Output | - | OCP, SCP, OVP, LVP, OTP, IMD | |
| User Interface & Control | Backend Support | - | OCPP 1.6 JSON,OCPP 2.0 core profile *Simultaneously connect to client & maintenance server | |
| | Display | inch | 7 | |
| | User Authentication | " | QR code, RFID, Credit Card (Optional) | |
| Communication | External | - | 4G/ Wi-Fi/ Ethernet (RJ45) | |

| Model Name | DS 60 |
|---|---|

## Cable Management

For information on the optional charging pedestal, please refer to the accessory section on page 93.

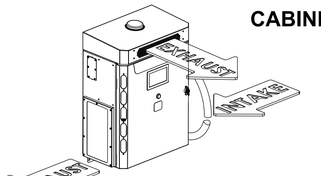



Unit: mm

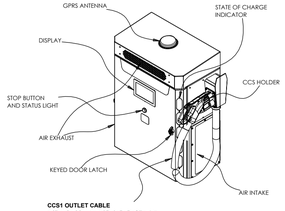
Our EV charger is thoughtfully designed to be ADA-friendly, featuring an ergonomic usage height that bridges the gap between people and technology.

EV CARGERS SUPPIED CHARGE CORD LENGTH: 25FT

## CABINET OVERVIEW




**NOTES:**
1. PROPER VENTILATION IS CRITICAL TO CHARGER PERFORMANCE AND RELIABILITY.
2. KEEP INTAKE AND EXHAUST VENTS CLEAR OF OBSTRUCTIONS WHILE OPERATING.
3. SITE LAYOUT SHOULD ALLOW FOR ACCESS FOR PERIODIC FILTER MAINENANCE.
4. ENCLOSURE RATED NEMA 3R; APPROVED FOR OUTDOOR USE
5. CABINET CREATED WEIGHT
   1.60kW AND 44kW - APPROX. 260 LBS.
   2.30kW - APPROX. 215 LBS.
6. INSTALL CHARGERS AT LEAST 3FT APART.

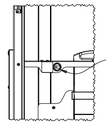



**CCS1 OUTLET CABLE**
- STANDARD MIN. USEABLE LENGTH: 16'
- EXTENDED LENGTHS AVAILABLE (CONTACT SALES)

EV CARGERS SUPPIED CHARGE CORD LENGTH: 19.6FT

| CURRENT LIMIT SWITCH SETTING (INSIDE CHARGER) | SUGGESTED OVERCURRENT PROTECTION DEVICE UPSTREAM RATING @ 480VAC* |
|---|---|
| **HELIOX 60kW** | |
| MAX | 100A |
| 60A | 80A |
| 30A | 40A |
| **HELIOX 30kW** | |
| MAX | 50A |
| 30A | 40A |
| 15A | 20A |
| **HELIOX 44kW** | |
| MAX | 80A |
| 30A | 40A |
| 15A | 20A |

*REFER TO LOCAL CODE AND REGULATIONS FOR FINAL INSTALLATION OF OVERCURRENT PROTECTION DEVICE UPSTREAM, CABLE SIZE, AC RECEPTACLE RATING, AND AC PLUG RATING

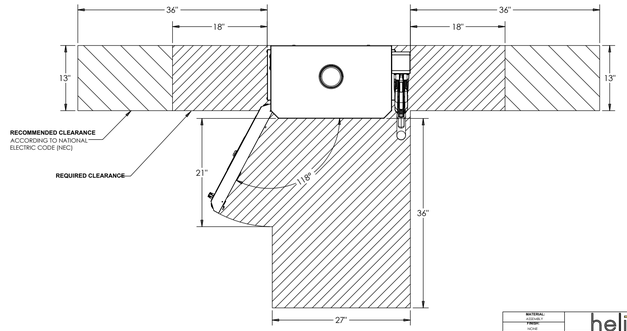


**INPUT CURRENT LIMIT SWITCH (DOOR OPEN)**
SEE TABLE FOR OPTIONS

| REV. | DESCRIPTION | DATE | APPROVED |
|---|---|---|---|
| E | ADDED ELECTRICAL CONNECTIONS PAGE AND DIMENSIONS FOR PEDESTAL ANCHOR PATTERN | 11/7/2024 | TM |
| F | | 12/30/2024 | TM |
| G | REMOVED FERRULE REQUIREMENT FROM INCOMING 480V NOTES | 8/13/2025 | TM |

MATERIAL: ASSEMBLY: FINISH: PROJECT: heliox
DESCRIPTION: INSTALLATION REFERENCE, 60kW
SIZE: B | DWG NO: 8/23/2024 | SHEET: 1 of 10 | REV: G

## RECOMMENDED AND REQUIRED CLEARANCES ALL INSTALLATIONS



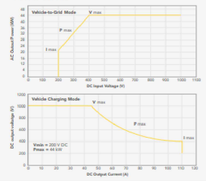

MATERIAL: ASSEMBLY: FINISH: PROJECT: heliox
DESCRIPTION: INSTALLATION REFERENCE, 60kW
SIZE: B | DWG NO: 8/23/2024 | SHEET: 2 of 10 | REV: G

| General | Heliox 44 kW V2G HE9823009-01-XXX |
|---|---|
| Charging standard | SAE J1772 (CCS type-1) |
| Grid compliance | IEEE 1547 ready |
| Communication standard | DIN70121, ISO15118-2/20 ed1, SAE J2847-2 |
| Compliance and safety | UL 2202, UL 1741SB, UL 9741, CSA C22.2 No. 346:22, CSA 22.2 No. 348:23 |
| Power factor above 50% rated | > 0.98 |
| Peak efficiency | ≥ 95% |
| Dielectric withstand | 3,000 V |
| Network cellular | 4G modem or Ethernet |
| Back office | OCPP 1.6J / 201, OCPP 2.1 ready |
| Temperature range | -13 °F to +113 °F [1] |
| Operational noise level | ≤70 dB(A) @ 3 ft |
| Protection rating | NEMA 3R |
| Mounting options | Wall mount, pedestal |
| Display | 7" LCD |
| Charging status indicator | LED light stack, LCD display |
| Cable length | 5 m standard, 7 m optional |
| Warranty | 24 months |

[1] *Derating may apply at extremes.*

| AC Input | |
|---|---|
| Connections, frequency | 3P + G 480 VAC, 47 - 63 Hz |
| Current limit values | 15A / 30A / Max (user selected) |
| Full load / idle power | 48 kVA / 100 VA |
| Line-line voltage range | 480 VAC +6/-13%, 60 Hz |
| Nominal AC input current | 55A |
| **Output AC-to-DC mode** | |
| DC voltage range | 200 - 1,000 V |
| Rated DC power | 44 kW |
| Power limits | 11 kW (@ 15A AC input current) 23 kW (@ 30A AC input current) 44 kW (@ Max. input current) |
| Max. DC current | 110A |
| **Output DC-to-AC mode** | |
| DC vehicle battery input | 400 - 1,000 Vdc - 44 kW 200 - 400 Vdc - 22 kW |
| Max. vehicle DC input current | 110A |
| AC voltage and power output | 424 - 508 VAC - 44 kW derating applies to voltages outside range stated |
| Nominal AC output current | 55A ± 10% |

**Power curves**




**Status indicators**

Provides real-time information about the state of charge.

Blue charging lights display SOC in 10% increments.


**Dimensions & weights**

| Wall Mounted | Standard Pedestal | Compact Pedestal |
|---|---|---|
| H: 35" | H: 54" | H: 54" |
| W: 26.4" | W: 29" | W: 28" |
| D: 17" | D: 20" | D: 16" |
| Wgt: 223 lbs | Wgt: 388 lbs | Wgt: 261 lbs |



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| SCALE: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| AS SHOWN | JRF | SAB |

| REV | DATE | DESCRIPTION | DRAWN BY | CHECKED BY |
|---|---|---|---|---|
| B | 11/10/25 | REVISED PER COMMENTS | JRF | SAB |
| A | 11/05/25 | ISSUED FOR REVIEW | JRF | SAB |



JEREMY K MCKEON
INDIANA LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 12500720




SITE NAME:
INDIANAPOLIS

5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

SCOPE OF WORK:
EV CHARGER



SHEET TITLE:
DETAILS

SHEET NUMBER:
Z-6

1 ZEROVA DS60 EV CHARGER — GRAPHIC SCALE (IN FEET) N.T.S.

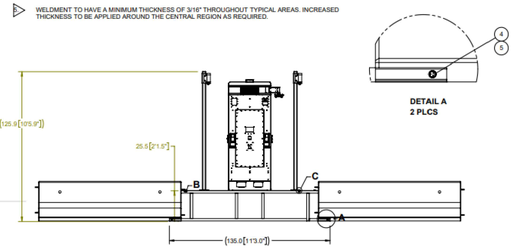
2 HELIOX44KW V2G EV CHARGER — GRAPHIC SCALE (IN FEET) N.T.S.

Justin Fraser 11/10/2025 4:51:11 PM

**GENERAL NOTES:** (UNLESS OTHERWISE SPECIFIED)

1. SHT 3 SHOWS BOM OF THE BASE WELDMENT PIECE.
2. THE BASE IS DESIGNED TO SUPPORT CHARGERS LESS THAN 2000 LBS.
3. MOUNTING HOLES OF THE CHARGERS WILL BE ALIGNED DRILL ON THE PLATE.
4. WEIGHT INDICATED IN THE TITLE BLOCK EXCLUDES CHARGER AND BARRIERS.
5. WELDMENT TO HAVE A MINIMUM THICKNESS OF 3/16" THROUGHOUT TYPICAL AREAS. INCREASED THICKNESS TO BE APPLIED AROUND THE CENTRAL REGION AS REQUIRED.

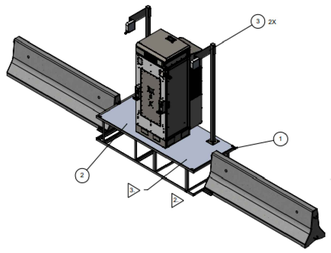
| REVISIONS | | | | |
|---|---|---|---|---|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |

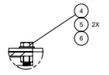




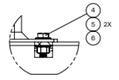


DETAIL A
2 PLCS




DETAIL B
4 PLCS




DETAIL C
8 PLCS

| ITEM NO. | | DESCRIPTION | QTY. |
|---|---|---|---|
| 12 | | STEEL HEX NUT, 1/2"-13, MCMASTERCARR 95462A033 | 6 |
| 26 | | ZINC-PLATED WASHER, 1/2", MCMASTERCARR 90126A033 | 5 |
| 14 | | HEX HEAD SCREW 1/2"-13, MCMASTERCARR 92865A716 | 4 |
| 2 | | ASSY, CABLE MANAGEMENT BRACKET WITH RETRACTOR | 3 |
| 1 | | PLATE, 102"W X 50" D X 0, 25" THK, 5052-H32 ALUMINUM SHEET | 2 |
| 1 | 5 | BRACKET, BASE FRAME FOR CHARGERS | 1 |
| QTY. | NOTES | DESCRIPTION | ITEM NO. |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE: IN ( mm )
ALL SHEETS ARE THE SAME REVISION STATIS

ANGLE PROJECTION
INTERPRET DIM AND TOL PER ASME Y14.5M-2018

TOLERANCES:
LINEAR: .X ± 0.1" .XX ± 0.05"
ANGULAR: MACH ±1° BEND ±.5°
1 PLACE DECIMAL ± .05
2 PLACE DECIMAL ± .025
3 PLACE DECIMAL ± .010



| | | DATE: |
|---|---|---|
| DESIGNED: | | |
| CHECKED: | | |
| ELECTRICAL: | | |
| MECHANICAL: | | |
| MANUFACTURING: | | |
| REFERENCE ( WHERE USED ): | | |
| MODEL: | MODEL REV: | |

TECO Westinghouse — 3250 NORTH IH-35, ROUND ROCK, TX 78681

TITLE: ASSY, SUPPORT BRACKET WITH CMS

| SIZE | CAGE CODE | DRAWING NUMBER: | REV |
|---|---|---|---|
| B | 60089 | | 00 |

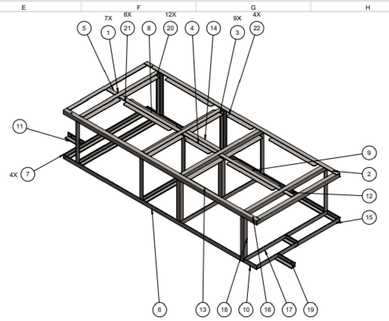
WEIGHT: 850.00 lbs. SCALE: 1:48 SHEET: 1 of 3

**GENERAL NOTES:** (UNLESS OTHERWISE SPECIFIED)

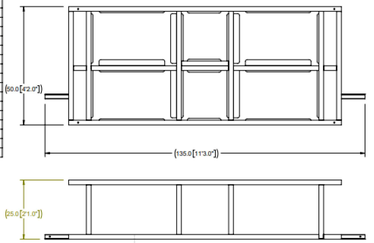
1. REMOVE ALL BURRS AND SHARP EDGES.
2. DIMENSIONS SHOWN AS (XXX) ARE INSPECTION DIMENSIONS.
3. MATERIAL: SEE WELDMENT CUT LIST SHT.1

   FINISH: PAINT ALL EXPOSED SURFACES PER TWMC PS: 83684JW
   A. SURFACE PREPARATION SHALL MEET OR EXCEED TWMC PS: 83609VF
   B. 3 LAYER COAT:
   - 1ST COAT: RED OXIDE PRIMER - 1-1.5 MILS DFT
   - 2ND COAT: RAL 7035 LIGHT GREY (HEX - #C5C7C4) - 2 MILS DFT
   - 3RD COAT: ACRYLIC URETHANE

   C. ALTERNATE PREPERATION AND FINISHES ACCEPTABLE UPON TWMC ENGINEERING APPROVAL.
4. LENGTHS OF MATERIAL IN WELDMENT CUT LIST INCLUDE 1/16" (0.063) WELD GAPS. EXCEPTION TO CLOSED GAPS CREATED BY VERTICAL STRUCTURAL MEMBERS.
   - EACH END FOR BEAM AND ANGLE.
   - ALL AROUND WELDED EDGE FOR PLATE.
5. DIMENSIONS APPLY AFTER APPLICATION OF SURFACE COATING.
6. ALL GROUNDING SURFACES, SURFACE FINISH, AND THREADS SHALL BE FREE OF PAINT AND COATING.
7. WELDING SHALL MEET REQUIREMENTS SPECIFIED IN TWMC PS: 82148NF
8. UL CRITICAL FEATURE AND/OR SPECIFICATION WHICH MUST BE SATISFIED TO MEET UL CERTIFICATION REQUIREMENTS. NONCONFORMING ITEMS REFERENCED TO THIS NOTE SHALL BE CAUSE FOR REJECTION.




| ITEM NO. | QTY. | DESCRIPTION | LENGTH | MATERIAL |
|---|---|---|---|---|
| 1 | 7 | L2x2x0.1875 | 49.625 | ASTM A36 STEEL |
| 2 | 1 | L2x2x0.1875 | 115 | ASTM A36 STEEL |
| 3 | 9 | L2x2x0.1875 | 24.36 | ASTM A36 STEEL |
| 4 | 1 | L2x2x0.1875 | 23.5 | ASTM A36 STEEL |
| 5 | 1 | L2x2x0.1875 | 7.25 | ASTM A36 STEEL |
| 6 | 1 | L2X2X0.1875 | 107.18 | ASTM A36 STEEL |
| 7 | 4 | L2X2X0.1875 | 49.5 | ASTM A36 STEEL |
| 8 | 1 | L2X2X0.1875 | 37.688 | ASTM A36 STEEL |
| 9 | 1 | L2X2X0.1875 | 37.688 | ASTM A36 STEEL |
| 10 | 3 | L2X2X0.1875 | 7.5 | ASTM A36 STEEL |
| 11 | 1 | L2X2X0.1875 | 10 | ASTM A36 STEEL |
| 12 | 1 | L2X2X0.1875 | 7.188 | ASTM A36 STEEL |
| 13 | 1 | L2X2X0.1875 | 23.625 | ASTM A36 STEEL |
| 14 | 1 | L2X2X0.1875 | 23.5 | ASTM A36 STEEL |
| 15 | 1 | L2X2X0.1875 | 115 | ASTM A36 STEEL |
| 16 | 1 | L2X2X0.1875 | 115 | ASTM A36 STEEL |
| 17 | 1 | L2x2x0.1875 | 49.813 | ASTM A36 STEEL |
| 18 | 1 | L2x2x0.1875 | 24.492 | ASTM A36 STEEL |
| 19 | 1 | L ANGLE, 2.00" X 2.00" X 0.1875" | 10 | ASTM A36 STEEL |
| 20 | 12 | | | ASTM A36 STEEL |
| 21 | 8 | | | ASTM A36 STEEL |
| 22 | 4 | | | ASTM A36 STEEL |




| SIZE | CAGE CODE | DRAWING NUMBER: | REV |
|---|---|---|---|
| B | 60089 | | 00 |

WEIGHT: 850.00 SCALE: 1:24 SHEET: 3 of 3

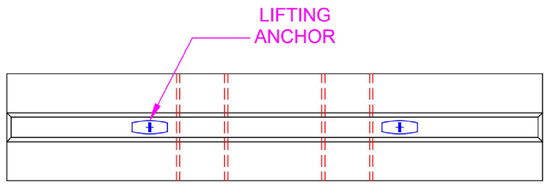
# 1 JERSEY BARRIER / K RAILS SADDLE - ZEROVA 60 kW CHARGER

GRAPHIC SCALE (IN FEET) N.T.S.

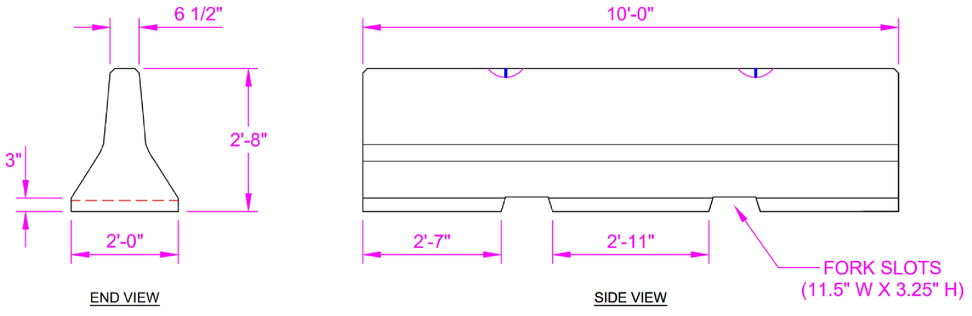
48Barriers™
NEW & USED HIGHWAY BARRIERS NATIONWIDE

## 10' BARRIER (ITEM#:665-10)

SPECIFICATIONS:
- CONCRETE STRENGTH: 5000 PSI MIN @ 28 DAYS
- STRUCTURE: 60 GRADE REINFORCING. #5 REBAR
- WEIGHT: APPROXIMATELY 3,900 LBS




TOP VIEW




END VIEW SIDE VIEW

7/2018

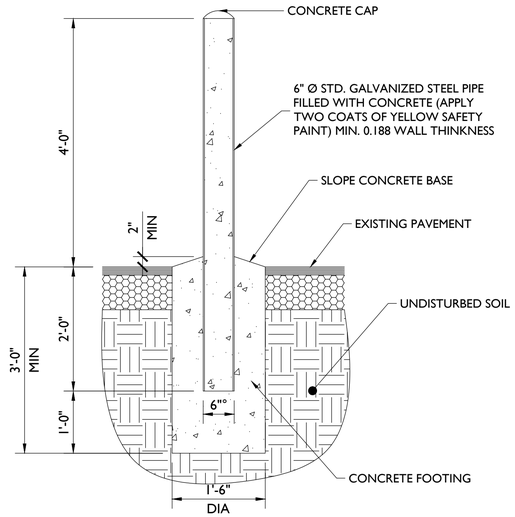
SCALE: 1"-2'

SALES@48BARRIERS.COM
816-888-5700

48Barriers.com

# 2 JERSEY BARRIER / K RAILS

GRAPHIC SCALE (IN FEET) N.T.S.




# 3 BOLLARD DETAIL

GRAPHIC SCALE (IN FEET) N.T.S.

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PxT INFRASTRUCTURE SOLUTIONS

811 Know what's below. Call before you dig.

PROTECT YOURSELF
ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE
FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

| SCALE: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| AS SHOWN | JRF | SAB |

| REV | DATE | DESCRIPTION | DRAWN BY | CHECKED BY |
|---|---|---|---|---|
| B | 11/10/25 | REVISED PER COMMENTS | JRF | SAB |
| A | 11/05/25 | ISSUED FOR REVIEW | JRF | SAB |

JEREMY K MCKEON REGISTERED PROFESSIONAL ENGINEER No. 12500720 STATE OF INDIANA

JEREMY K MCKEON
INDIANA LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 12500720



SITE NAME:
INDIANAPOLIS

5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

SCOPE OF WORK:
EV CHARGER



SHEET TITLE:
DETAILS

SHEET NUMBER:
Z-7

P:\Tindy\IN.ZD.Rev B.111025.dwg

NOTE:

MAXIMUM 150 WATT LIGHT FIXTURE TO BE UTILIZE. CONTRACTOR TO SUBMIT SPECIFICATIONS FOR APPROVAL BY EOR.

LITHONIA LIGHTING

| | |
|---|---|
| Catalog Number | |
| Notes | |
| Type | |

## FEATURES & SPECIFICATIONS

**INTENDED USE**

Utility wall-, ceiling- or pendant-mounted fixtures for entrances, hallways, closets, tunnels or other utility applications. Incandescent, fluorescent, metal halide or high pressure sodium sources are available.

**CONSTRUCTION**

Rugged die-cast aluminum housing with heavy-duty glass globe. 3/4" threaded knockouts allow for side or top conduit entry. Gray finished.

Designed for easy installation and maintenance.

Prismatic globe for even distribution.

Junction box included

**LISTINGS**

Listed and labeled to UL standards for wet locations.
Listed and labeled to CSA standards.

**WARRANTY**

2-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

**Note:** Actual performance may differ as a result of end-user environment and application.
Specifications subject to change without notice.

# Utility Vapor Tights

VW

**Wall**

VW150I


Height: 10 (25.4)
Width: 7-1/4 (18.4)

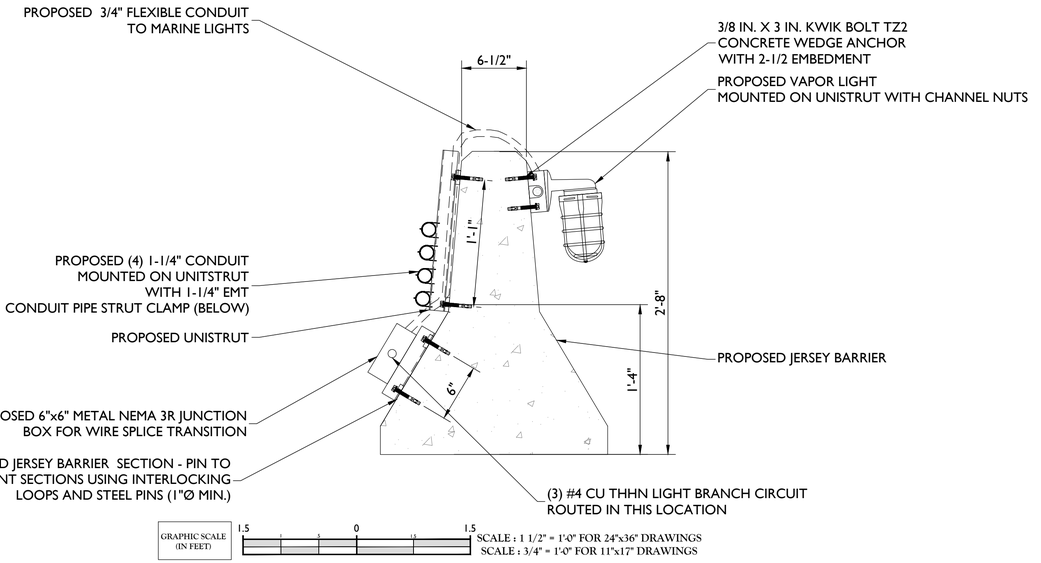
**ORDERING INFORMATION**

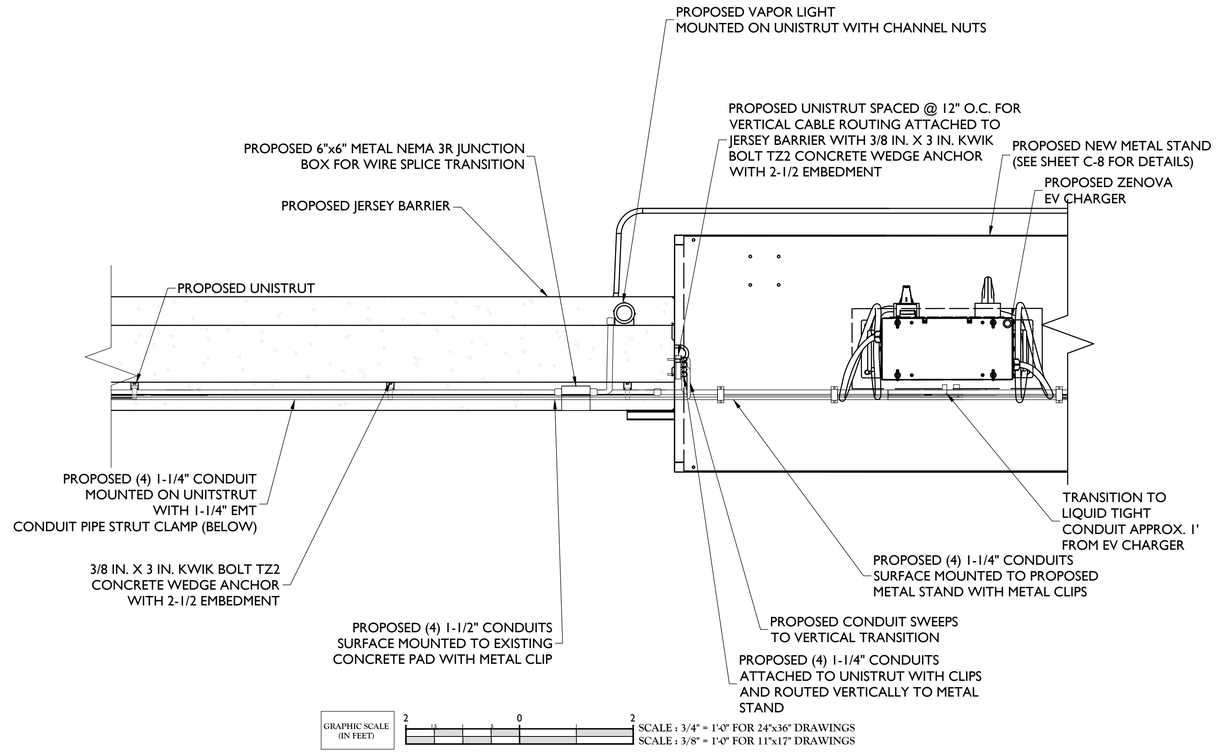
| Catalog Number | UPS | Description | Lamp Wattage | Source | Lamp Voltage | Lamp Included | Pallet (lbs) | Standard Carton Qty | Qty |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 2 | | 12 |
| VW150IM12 | 745973817681 | Wall Mount | 150 | Incandescent | 120 | N | 2 | 192 | 12 |




1 MARINE LIGHT FIXTURES

GRAPHIC SCALE (IN FEET) N.T.S.




2 CONDUIT UNITSTRUT MOUNTING DETAIL TO ZEROVA DS60 CHARGER

GRAPHIC SCALE (IN FEET)
1.5 0 1.5
SCALE : 1 1/2" = 1'-0" FOR 24"x36" DRAWINGS
SCALE : 3/4" = 1'-0" FOR 11"x17" DRAWINGS

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AZIMUTH ENGINEERING GROUP

PxT INFRASTRUCTURE SOLUTIONS

811 Know what's below. Call before you dig.

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| SCALE: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| AS SHOWN | JRF | SAB |

| REV | DATE | DESCRIPTION | DRAWN BY | CHECKED BY |
|---|---|---|---|---|
| B | 11/10/25 | REVISED PER COMMENTS | JRF | SAB |
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JEREMY K MCKEON REGISTERED PROFESSIONAL ENGINEER No. 12500720 STATE OF INDIANA

JEREMY K MCKEON
INDIANA LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 12500720



SITE NAME:
INDIANAPOLIS

5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

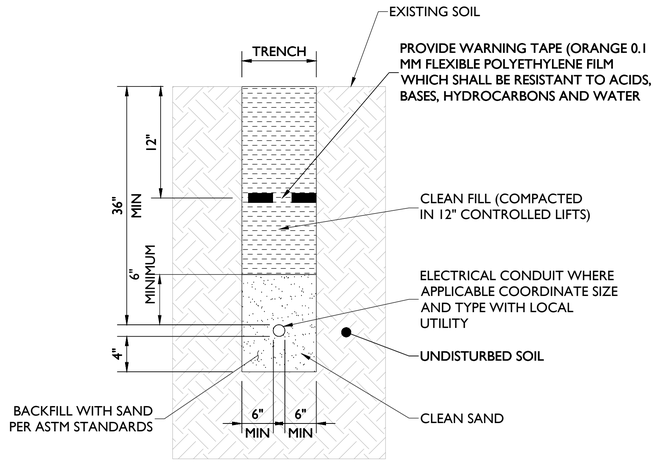
SCOPE OF WORK:
EV CHARGER



SHEET TITLE:
DETAILS

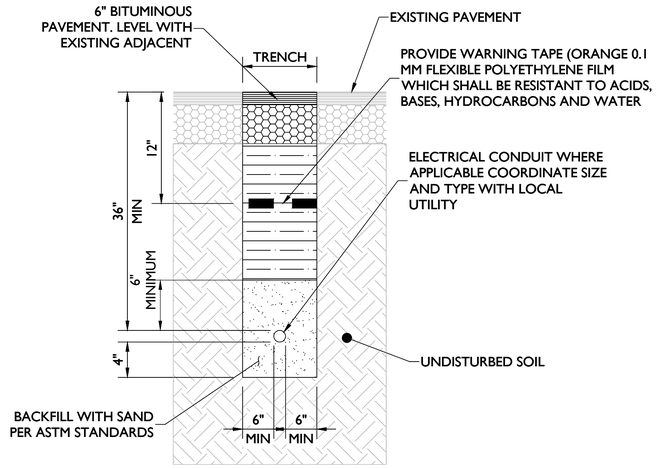
SHEET NUMBER:
Z-8

* SEPARATION DIMENSIONS TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS.
CONTRACTOR NOTES:
1. TRENCH SHALL BE SECURED IN ACCORDANCE WITH OSHA REGULATIONS
2. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH GAS COMPANY REQUIREMENTS.
3. CONTRACTOR TO TRENCH AND BACKFILL ONLY THAT WHICH CAN BE COMPLETED WITHIN ONE WORK SHIFT.
4. BACK FILL WITH BASE SAND FOR CONDUITS AND THEN NATIVE SOIL
5. COMPACT BACKFILL TO AVOID SINKAGE OVER TIME




1 CONDUIT TRENCH DETAIL — GRAPHIC SCALE (IN FEET) N.T.S.

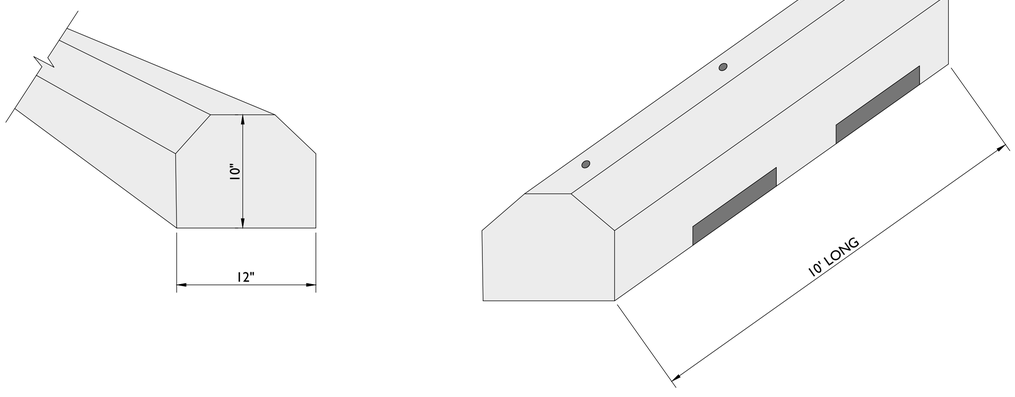
* SEPARATION DIMENSIONS TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS.
CONTRACTOR NOTES:
1. TRENCH SHALL BE SECURED IN ACCORDANCE WITH OSHA REGULATIONS
2. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH GAS COMPANY REQUIREMENTS.
3. CONTRACTOR TO TRENCH AND BACKFILL ONLY THAT WHICH CAN BE COMPLETED WITHIN ONE WORK SHIFT.



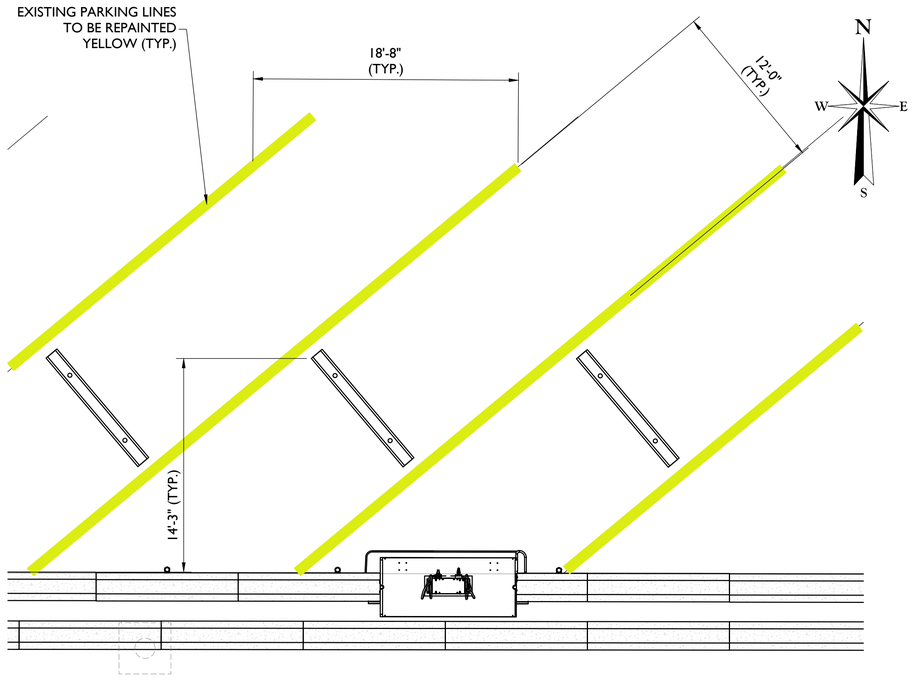

2 CONDUIT TRENCH DETAIL

WHEEL STOP NOTES:

1. ALL WHEELS STOPS TO BE 12" WIDE x10" TALL x10' LONG WITH 24" LONG CUT OUTS (3 PINS REQUIRED).
2. TO BE MANUFACTURED IN 4400 PSI CONCTE WITH 4 PCS. 3/8" REBAR.




3 WHEEL STOP DETAIL — GRAPHIC SCALE (IN FEET) N.T.S.




4 PARKING STRIPING PAINTING DETAIL — GRAPHIC SCALE (IN FEET) 3 0 3 6
SCALE : 3/8" = 1'-0" FOR 24"x36" DRAWINGS
SCALE : 3/16" = 1'-0" FOR 11"x17" DRAWINGS

FIRSTstudent

AZIMUTH ENGINEERING GROUP

PxT INFRASTRUCTURE SOLUTIONS

811 Know what's below. Call before you dig.
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ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE.
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| SCALE: | DRAWN BY: | CHECKED BY: |
|---|---|---|
| AS SHOWN | JRF | SAB |

| REV | DATE | DESCRIPTION | DRAWN BY | CHECKED BY |
|---|---|---|---|---|
| B | 11/10/25 | REVISED PER COMMENTS | JRF | SAB |
| A | 11/05/25 | ISSUED FOR REVIEW | JRF | SAB |

JEREMY K MCKEON REGISTERED No. 12500720 STATE OF INDIANA PROFESSIONAL ENGINEER

JEREMY K MCKEON
INDIANA LICENSED PROFESSIONAL ENGINEER - LICENSE NUMBER: 12500720



SITE NAME:
INDIANAPOLIS

5850 THUNDERBIRD RD
INDIANAPOLIS, IN 46236
MARION COUNTY

SCOPE OF WORK:
EV CHARGER



SHEET TITLE:
DETAILS

SHEET NUMBER:
Z-9