

83210082 - GRAPE DAY PARK

321 N. BROADWAY, ESCONDIDO, CA 92025



VICINITY MAP

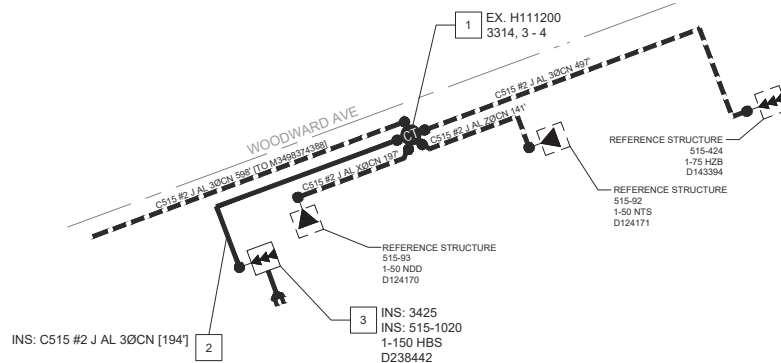
NO SCALE TB# 1129-H2

SHEET INDEX

SHEET 1: COVER PAGE AND ONE LINE
SHEET 2: SKETCH
SHEET 3: SKETCH
SHEET 4: PARK DIRECTIONAL SIGNAGE
SHEET 5: ELECTRICAL SINGLE LINE DIAGRAM
SHEET 6: PEDESTAL SCHEDULE & ELECTRICAL CALCULATIONS
SHEET 7: L2 CHARGER AND METER DETAIL

ONE LINE DIAGRAM

NO SCALE
CIRCUIT 615
UG 515-00007
EAM 15952-120320
PROJECT ADDRESS: 321 N. BROADWAY, ESCONDIDO, CA 92025



STRUCTURE COORDINATES

[LOC 1] H11200: N 33.124997, W -117.085722
[LOC 3] D238442: N 33.124787, W -117.086296

NOTES

✓ EV CHARGING STATION DESIGN BASED ON (14) 6.24KW 208V L2 CHARGING UNITS (FIVE L2 DUAL & FOUR SINGLE CHARGERS).
SCOPE OF WORK: INSTALL ONE TRANSFORMER, ONE METER AND 9 ELECTRIC CHARGING STATIONS.
MODELS CHARGEPOINT CT4021 (208V)
CONNECTORS: SAE J1772 (L2)
L2: (9) STANDARD: (FIVE DUAL & FOUR SINGLE) 97.36KW 208V CHARGEPOINT.

✓ CAUTION: ELECTRIC STAND-BY LINEMAN REQUIRED FOR ALL WORK AROUND ENERGIZED FACILITIES.

✓ ALL QUESTIONS RELATED TO SERVICE TRENCH SHOULD BE DIRECTED TO THE APPROPRIATE FIELD CONSTRUCTION ADVISER.

✓ ALL EQUIPMENT ON PRIVATE PROPERTY WILL REQUIRE AN EASEMENT

✓ CREW NOTE: CREW TO UTILIZE OLDCASTLE PRECAST L2 CHARGER FOUNDATION (STOCK CODE #125720), IF NO OLDCASTLE FOUNDATION IN STOCK, CREWS TO POUR IN PLACE WITH SDG&E APPROVED CONCRETE MIX PER EV STD. 8.10

✓ CONTRACTOR IS TO INSTALL CHARGING STATIONS PER LATEST SDGE STANDARDS AS WELL AS THE CURRENT LOCAL, CITY, AND NATIONAL CODES AND ORDINANCES THAT APPLY

✓ ACCEPTABLE MIX DESIGNS MAY INCLUDE SUPERIOR READY MIX (LAKESIDE, EL CENTRO, OCEANSIDE, ESCONDIDO, SAN DIEGO PLANT):

- MIX NUMBER 27P, 4000 PSI CONCRETE
- MIX NUMBER 2725P, 4000 PSI CONCRETE
- MIX NUMBER 37P-45, 4500 PSI CONCRETE
- MIX NUMBER 437P, 4500 PSI CONCRETE

IF A DIFFERENT MIX DESIGN IS PROPOSED FOR USE, SUBMIT TO SDG&E FOR REVIEW

SURVEY NOTES:

THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTION TO THE CONTRACTOR BY THE ENGINEER OF WORK. THE CITY ENGINEER'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES AND THE CITY WILL NOT BE RESPONSIBLE FOR THEIR ENFORCEMENT.

1. IN THE EVENT A CORNER MONUMENT IS PLANNED ON BEING REMOVED AT ANY TIME DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY SDGE LAND SURVEY DEPARTMENT AT LEAST 7 DAYS AHEAD OF TIME TO ENSURE COMPLIANCE WITH CALIFORNIA BUSINESS AND PROFESSIONS CODE.
2. IN THE EVENT A CORNER MONUMENT IS REMOVED DUE TO AN IMMEDIATE EMERGENCY, THE CONTRACTOR SHALL NOTIFY SDGE LAND SURVEY DEPARTMENT WITHIN 24 HOURS AFTER THE EMERGENCY CONSTRUCTION ACTION IS FINISHED IN ORDER TO ENSURE THE MONUMENT IS REPLACED IN COMPLIANCE WITH CALIFORNIA BUSINESS AND PROFESSIONS CODE.

APPLICANT APPROVAL

APPROVAL OF THE SYSTEM DESIGN AS IT APPEARS ON THIS PRELIMINARY DRAWING(S).

A. Certifies that the location of facilities to be owned and operated by SDG&E are acceptable and are not in conflict with Applicant's planned improvement.

B. Authorizes SDG&E to proceed with the preparation of final design(s), drawing(s), and/or cost(s).

Any further costs incurred by SDG&E in the processing of this project will be at the Applicant's expense if:

1. There are changes to the system caused by the Applicant or the Applicant's authorized representative.
2. There is a deviation from the gas/electric load information specified on the Approved Load Study which will necessitate design and/or construction changes.
3. The project is cancelled after contract negotiations have been completed by Applicant and Utility.

| | |
|---|-------|
| APPLICANT APPROVAL - Please Print or Type | TITLE |
| APPLICANT SIGNATURE | DATE |



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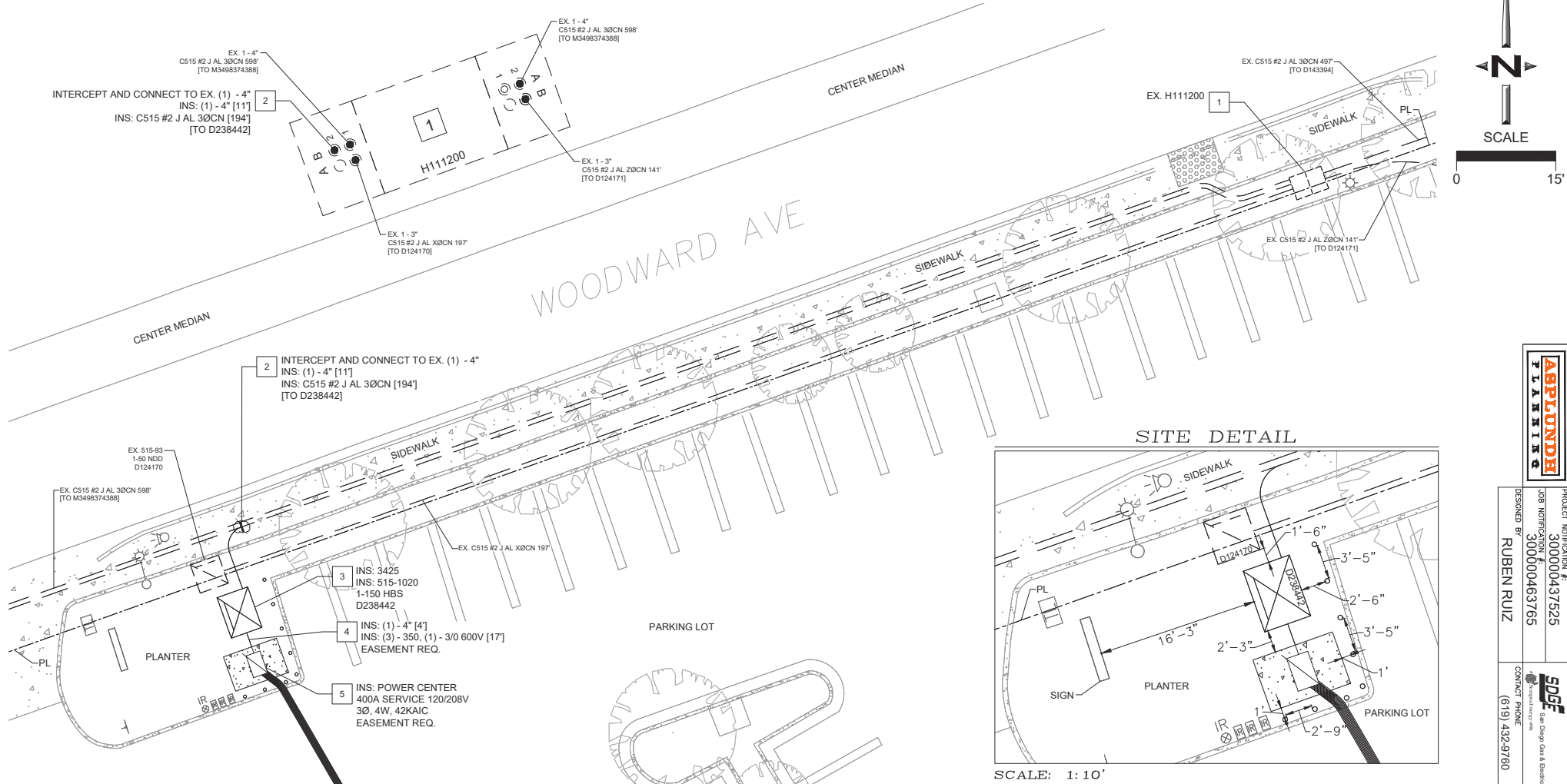
ASPLUNDH CONSTRUCTION, LLC. MARTIN PAUL (714) 737-7388



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| PROJECT NOTIFICATION # | 300000437525 | RES/SUPP DATE | 5/19/2022 |
| JOB NOTIFICATION # | 300000463765 | PAGE | 1 OF 7 |
| DESIGNED BY | RUBEN RUIZ | CONTACT NAME | SCOTT THOMPSON |
| CONTACT PHONE | (619) 432-9760 | | |

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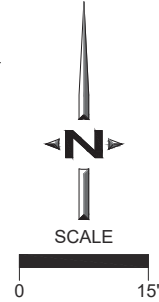
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321 N. BROADWAY, ESCONDIDO, CA 92025

MATCHLINE "A" - SEE SHEET 2



VICINITY MAP
NO SCALE TB# 1129-H2



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| 0 | 5/19/2022 |
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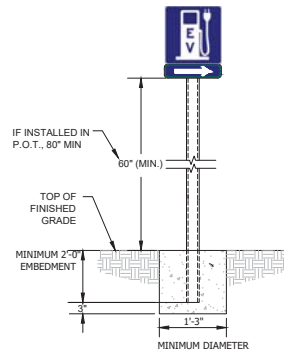
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PARK DIRECTIONAL SIGNAGE

PARK DIRECTIONAL
SIGN



PARK DIRECTIONAL
SIGNAGE PLACEMENT



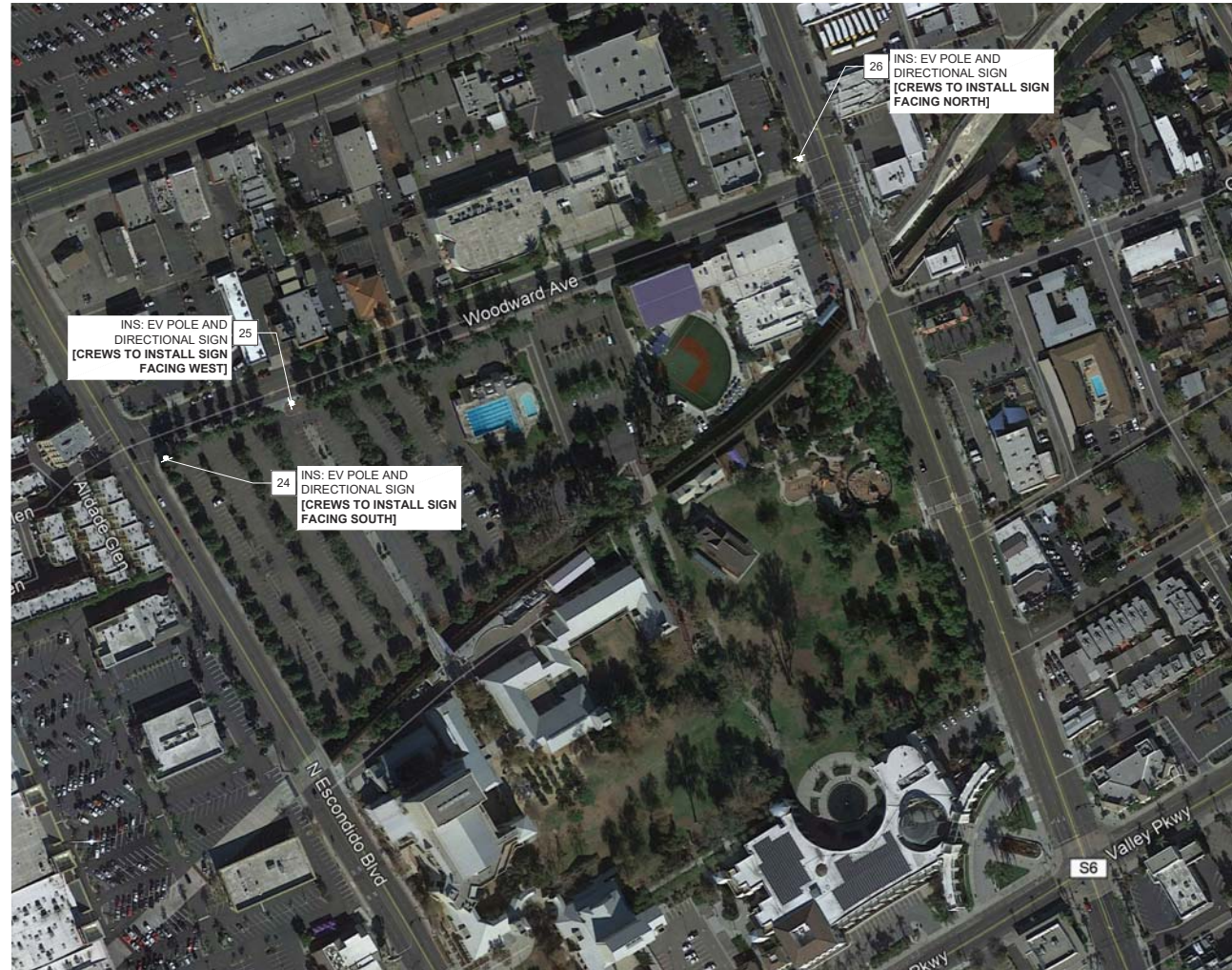
CONSTRUCTION NOTE: CREWS ARE TO
REFERENCE COVER SHEET AND EV-10.10 FOR
APPROVED CONCRETE MIXES FOR ALL
FIELD-POURED SIGN FOUNDATIONS.

NOTES

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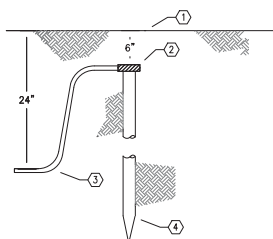


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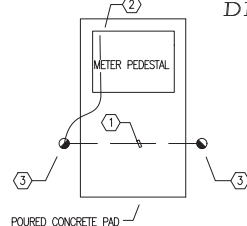
L2 CHARGER AND METER DETAIL

GROUND ROD
DETAIL



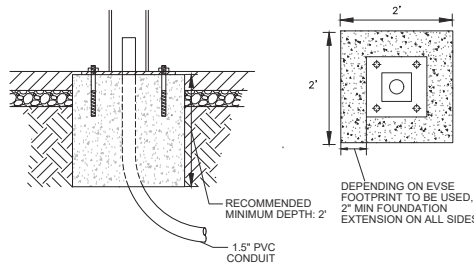
1. FINISH GRADE
2. CONNECT GROUND ROD TO GRID WITH COPPER CLAMP
3. #2 B.C. STRANDED GROUND WIRE
4. 5/8" DIA. X 8' LONG COPPERWELD GROUND ROD

METER PAD
DETAIL



- ① #2 BARE COPPER WIRE.
- ② 20" EXPOSED TAILOUT. CONNECT TO EQUIPMENT OR GROUND BUS.
- ③ GROUND ROD AT EITHER SIDE OF CONCRETE PAD. REFER TO GROUND ROD DETAIL.

L2
POUR-IN-PLACE
FOUNDATION

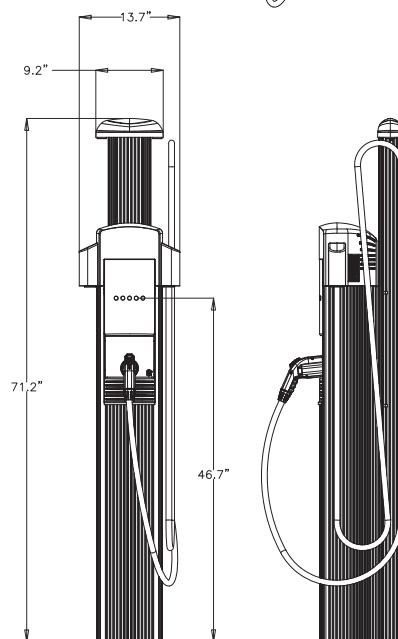
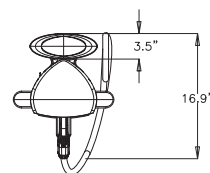


NOTE: REFERENCE EV STD EV-8.10 FOR MORE INFORMATION

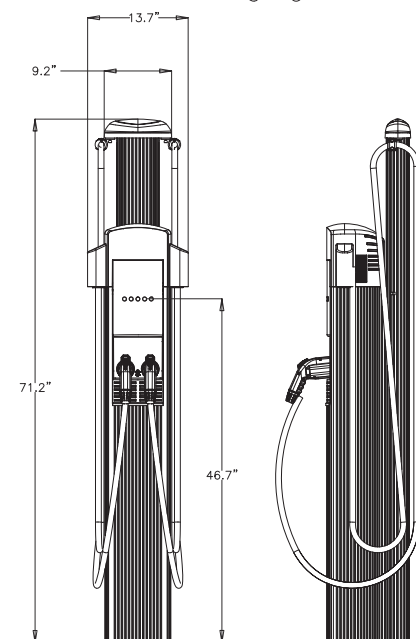
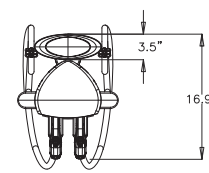
CONSTRUCTION NOTE: CREWS ARE TO REFERENCE COVER SHEET AND EV-8.10 FOR APPROVED CONCRETE MIXES FOR ALL FIELD-POURED CONCRETE FOUNDATIONS.

- POUR-IN-PLACE, SEE EV-8.10
- PRECAST FOUNDATION, SEE EV-8.11

L2 CT4011 SINGLE
CHARGER DETAIL



L2 CT4021 DUAL
CHARGER DETAIL



NOTE: FOR CONSTRUCTION PURPOSES ONLY. FOR CHARGER SPECIFICATIONS, PLEASE REFERENCE PROVIDED CUTSHEETS

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