

RIVIAN

DCFC ADVENTURE NETWORK

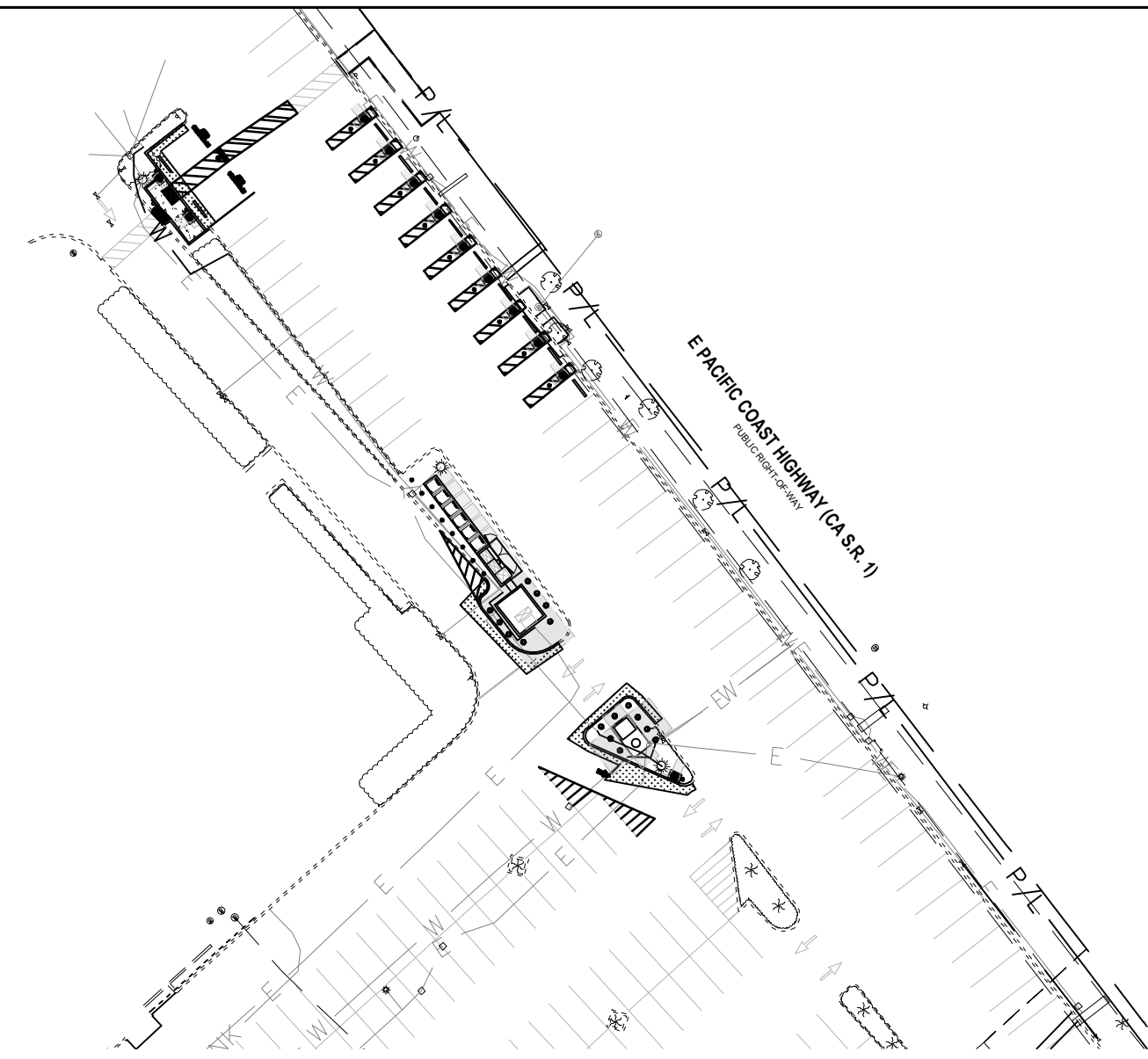
6272 E PACIFIC COAST HWY LONG BEACH, CA 90803

REV.	DATE	DESCRIPTION
A	04/16/2024	ISSUED FOR 50% REVIEW
B	05/24/2024	ISSUED FOR 30% REVIEW
0	10/11/2024	ISSUED FOR SIGN & SEAL



EXPIRES: 09/30/2026
10/11/24

LOCATION MAP



VICINITY MAP



MAP DATA ©2023 GOOGLE

MAP DATA ©2023 GOOGLE

SITE INFORMATION

SITE ADDRESS
6272 E PACIFIC COAST HWY
LONG BEACH, CA 90803

APN
7242-021-004

COUNTY
ORANGE COUNTY

LATITUDE (NAV88)
N 33°45'36.35"
33.760097°

LONGITUDE (NAV88)
W 118°16'49.06"
-118.113628°

UTILITY COMPANY
SCE
CONTACT: MARIO CASILLAS
(909) 307-6727
WORK ORDER: TBD

PROPERTY OWNER
ABP PARCEL 8 LLC
CONTACT: TBD

RIVIAN DEPLOYMENT MANAGER
MATT LANG
MLANG@RIVIAN.COM

RIVIAN REAL ESTATE MANAGER
JEREMY LEE
JALEE@RIVIAN.COM

PERMITTING JURISDICTION:
CITY OF LONG BEACH
CONTACT: BUILDING AND SAFETY BUREAU
(562) 570-6194

PROJECT CONTACTS

EOR CONTACTS
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APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:

2022 CALIFORNIA BUILDING CODE
2022 CALIFORNIA ELECTRICAL CODE
2022 CALIFORNIA FIRE CODE
2022 CALIFORNIA ENERGY CODE
2022 CBC 11B: ACCESSIBILITY TO PUBLIC BUILDINGS, PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS, AND PUBLIC HOUSING

CALTRANS SPECIFICATION
THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

PROJECT DESCRIPTION

INSTALLATION OF (1) SWITCHGEAR, (6) POWER CABINETS, AND (12) DISPENSERS WITH (1) UTILITY TRANSFORMER AND ASSOCIATED UTILITY EQUIPMENT TO BE INSTALLED ON SITE.

FLOOD HAZARD NOTE

THE SITE IS LOCATED IN FLOOD ZONE "X" (AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) PER FLOOD INSURANCE MAP NUMBER 06037C1988G, EFFECTIVE DATE - 04/21/2021.

DESIGN LOADING

LATERAL LOAD DESIGN DATA:

WIND DESIGN DATA (ASCE 7-16):

BASIC WIND SPEED (V_{ult}) 95 MPH
RISK CATEGORY II
EXPOSURE CATEGORY C

SEISMIC DESIGN DATA (ASCE 7-16):

1.0 SEISMIC IMPORTANCE FACTOR (I) II
RISK CATEGORY II
SITE CLASS (ASSUMED) D
MAPPED SPECTRAL RESPONSE SHORT PERIODS (S_s)
1 SEC. PERIODS (S_s) 1.537
0.556
SPECTRAL RESPONSE COEFF. SHORT PERIODS (S_{ps})
1 SEC. PERIODS (S_{ps}) 1.229
0.646

SEISMIC DESIGN CATEGORY D
FROST DEPTH 0 IN

SHEET INDEX

CIVIL	SHEET TITLE
C-001	COVER SHEET
	TOPOGRAPHIC SURVEY (BY OTHERS)
C-002	RIVIAN EQUIPMENT SPECIFICATION SHEET
C-003	CIVIL CONSTRUCTION NOTES
C-100	OVERALL SITE PLAN
C-101	EXISTING CONDITIONS AND DEMOLITION PLAN
C-111	CIVIL SITE PLAN
C-121	DIMENSION SITE PLAN
C-132	CALIFORNIA EV ADA STANDARDS EXHIBIT
C-141	ELEVATION PLAN
C-151	VEHICLE TRACKING PLAN
C-201	CIVIL DETAILS
C-202	CIVIL DETAILS
ELECTRICAL	SHEET TITLE
E-001	ELECTRICAL GENERAL NOTES
E-101	ELECTRICAL SITE PLAN
E-201	SINGLE LINE DIAGRAM AND PANEL SCHEDULE
E-301	ELECTRICAL DETAILS

DCFC ADVENTURE NETWORK
6272 E PACIFIC COAST HWY
LONG BEACH, CA 90803

COVER SHEET

PROJECT MANAGER	DESIGNER
IM	JDP

JOB NO.
2024264.09

C-001



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10/11/24

DCFC ADVENTURE NETWORK
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 LONG BEACH, CA 90803

CIVIL SITE PLAN

PROJECT MANAGER	DESIGNER
IM	JDP

JOB NO.
2024264.09

C-111

RAN SIGNAGE

VEHICLE CHARGING ONLY PLEASE MAKE STALL AVAILABLE ONCE VEHICLE IS DONE CHARGING	VEHICLE CHARGING ONLY PLEASE MAKE STALL AVAILABLE ONCE VEHICLE IS DONE CHARGING PRIORITY FOR VEHICLES WITH TRAILER	ACCESSIBLE PARKING ADA PRIORITY USE THIS CHARGER LAST VAN ACCESSIBLE
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PARKING STALL ANALYSIS

EXISTING STALLS UTILIZED AS A RESULT OF THIS PROJECT	17
PROPOSED DCFC STALLS	12
PROPOSED NON-EV STALLS	0
AB1100 STALL CREDIT*	1
NET STALL COUNT**	0

NOTE*: PER CALIFORNIA AB1100, "AN ACCESSIBLE PARKING SPACE WITH AN ACCESS AISLE SERVED BY ELECTRIC VEHICLE SUPPLY EQUIPMENT OR AN ACCESSIBLE PARKING SPACE WITH AN AISLE DESIGNATED AS A FUTURE ELECTRIC VEHICLE CHARGING SPACE SHALL COUNT AS AT LEAST TWO STANDARD AUTOMOBILE PARKING SPACES FOR THE PURPOSE OF COMPLYING WITH ANY APPLICABLE MINIMUM PARKING SPACE REQUIREMENTS ESTABLISHED BY A LOCAL JURISDICTION."

NOTE**: PER CALIFORNIA AB970, "CITIES AND COUNTIES SHALL REDUCE THE NUMBER OF REQUIRED PARKING SPACES BY THE AMOUNT NECESSARY TO ACCOMMODATE THE EVCS IF THE EVCS AND ASSOCIATED EQUIPMENT INTERFERES WITH, REDUCES, ELIMINATES, OR IN ANY WAY IMPACTS THE REQUIRED PARKING SPACES FOR EXISTING USES."

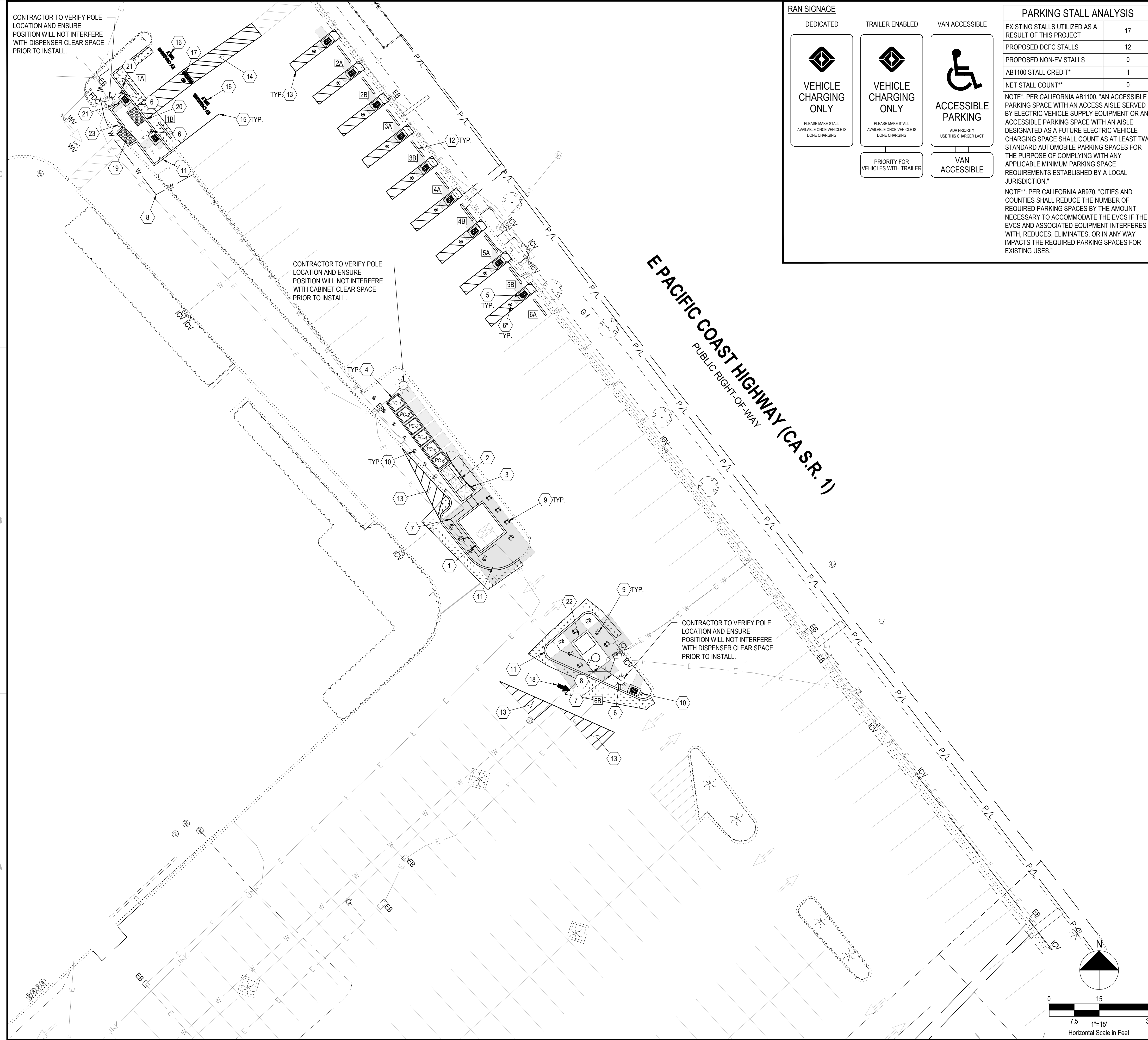
- GENERAL SHEET NOTES**
- EXISTING PROPERTY LINES, RIGHT-OF-WAY BOUNDARIES, EASEMENT BOUNDARIES, SETBACKS, AND UTILITIES ARE SHOWN FOR REFERENCE ONLY.
 - THE CONTRACTOR SHALL ENSURE EXISTING CURB AND/OR PAVEMENT IS NOT TO BE DAMAGED ACCESSING WORK AT THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE CURB AND/OR PAVEMENT IF DAMAGED.
 - CONTRACTOR SHALL REMOVE EXISTING PAVEMENT AND/OR CURB USING CLEAN SAWCUTS TO INSTALL PROPOSED UNDERGROUND CONDUITS. AFTER CONDUITS HAVE BEEN INSTALLED, REPLACE PAVEMENT AND/OR CURB. REFER TO SPECIFICATIONS IN THE CIVIL DETAILS.
 - SEE ELECTRICAL SHEETS FOR CONDUIT ROUTING, APPROXIMATE CONDUIT RUN LENGTHS AND TRENCH DETAIL. CONTRACTOR SHALL MEET OR EXCEED EXISTING PAVEMENT SPECIFICATIONS. NOTIFY ENGINEER OR ANY DISCREPANCIES PRIOR TO PERFORMING WORK.
 - APPLY LIQUID ASPHALT AT ALL JOINTS BETWEEN CONCRETE AND ASPHALT AND WHERE PROPOSED ASPHALT MEETS EXISTING, INCLUDING SAWCUT JOINTS.
 - CONTRACTOR SHALL ENSURE SLOPES OF PARKING STALL 1A, 1B AND ADJACENT TRANSVERSE STRIPED AREA(S) ARE COMPLIANT WITH NATIONAL ADA STANDARDS. NO SLOPE SHALL EXCEED 2% IN ANY DIRECTION WITHIN PARKING STALL 1A, 1B AND ADJACENT TRANSVERSE STRIPED AREA(S). CONTRACTOR SHALL REMOVE AND REGRADE AREA(S) AS REQUIRED TO ACHIEVE NECESSARY SLOPES. CONTRACTOR SHALL INSTALL FINAL PAVEMENT MARKINGS IN ACCORDANCE WITH THE CURRENT AHJ'S REGULATION.
- PLAN KEYNOTES**
- PROPOSED PAD MOUNTED ELECTRICAL UTILITY TRANSFORMER (BY UTILITY). CONTRACTOR SHALL PROVIDE CONCRETE PAD PER UTILITY SPECIFICATIONS. COORDINATE FINAL LOCATION WITH UTILITY.
 - PROPOSED ELECTRIC METER MOUNTED IN SWITCHGEAR PER ELECTRIC COMPANY SPECIFICATIONS AND DETAILS ON ELECTRICAL SHEETS.
 - PROPOSED SWITCHGEAR PER ELECTRICAL DRAWINGS. MOUNTED ON CONCRETE EQUIPMENT PAD, SEE CIVIL DETAILS.
 - PROPOSED RIVIAN POWER CABINETS (TOTAL OF 6) MOUNTED ON CONCRETE EQUIPMENT PAD, SEE CIVIL DETAILS.
 - PROPOSED RIVIAN DCFC DISPENSER (TOTAL OF 12) MOUNTED ON INDIVIDUAL FOUNDATIONS, SEE CIVIL DETAILS.
 - PROPOSED RIVIAN PARKING STALL ID SIGN (TOTAL OF 12), SEE CIVIL DETAILS. SEE SIGNAGE SCHEDULE, THIS SHEET. MOUNT SIGN ON LIGHT POLE WHERE APPLICABLE. *SIGNS MOUNTED IN 2-IN-1 BOLLARDS.
 - CONTRACTOR SHALL RELOCATE EXISTING LIGHT CIRCUIT AS REQUIRED. PROVIDE HANDHOLE, SPLICE AND EXTEND CONDUIT AND WIRING TO NEW LOCATION. MATCH SIZE AND MATERIAL.
 - CONTRACTOR SHALL RELOCATE EXISTING IRRIGATION LINE AS REQUIRED. SPLICE AND EXTEND TO NEW LOCATION. MATCH SIZE AND MATERIAL.
 - PROPOSED DETERRENT BOLLARDS (TYPICAL OF 16) PER UTILITY COMPANY SPECIFICATIONS. CONSULT WITH UTILITY COMPANY FOR REQUIRED BOLLARD SPECIFICATIONS PRIOR TO INSTALLATION.
 - PROPOSED DETERRENT BOLLARDS (TYPICAL OF 9). SEE CIVIL DETAILS.
 - PROPOSED CURB TO MATCH EXISTING. SEE CIVIL DETAILS.
 - PROPOSED WHEELSTOP (TOTAL OF 11). SEE CIVIL DETAILS.
 - PROPOSED PAINTED TRANSVERSE STRIPING. SEE CIVIL DETAILS.
 - PROPOSED CROSSWALK STRIPING. SEE CIVIL DETAILS. SLOPES WITHIN THE STRIPED AREA SHALL NOT EXCEED 5% RUNNING SLOPES AND 2% CROSS SLOPES.
 - PROPOSED PAINTED 4" WIDE SOLID STRIPE TO MATCH EXISTING STRIPING IN COLOR. SEE PAVEMENT MARKING NOTES ON SHEET C-003.
 - PROPOSED PAVEMENT MARKING TO READ "EV CHARGING ONLY" IN WHITE LETTERS, 12 INCHES.
 - PROPOSED PAVEMENT MARKING TO READ "NO PARKING" IN WHITE LETTERS, 12 INCHES.
 - PROPOSED DIRECTIONAL ARROW PAVEMENT MARKING. SEE CIVIL DETAILS.
 - PROPOSED CONCRETE WALK. SEE CIVIL DETAILS.
 - PROPOSED FLUSH CURB. SEE CIVIL DETAILS.
 - PROPOSED CURB TAPER. SEE CIVIL DETAILS.
 - PROPOSED UTILITY PME ENCLOSURE. SEE ELECTRICAL SHEETS.
 - RELOCATED SIGN.

LEGEND

	PROPOSED EQUIPMENT CLEAR SPACE
	PROPOSED ASPHALT PAVEMENT TO MATCH EXISTING IN TYPE & DEPTH. INCLUDE ENGINEERED COMPACTED BACKFILL BELOW PAVEMENT SECTION. TRENCHING NOT INCLUDED.
	PROPOSED CONCRETE. TRENCHING NOT INCLUDED
	CONSTRUCTION KEYNOTE

PARKING SIGN SCHEDULE

CABINET	POST	SIGN TYPE
PC-1	1A	DEDICATED PARKING
	1B	ENABLED PARKING, VAN ACCESSIBLE
PC-2	2A	DEDICATED PARKING
	2B	DEDICATED PARKING
PC-3	3A	DEDICATED PARKING
	3B	DEDICATED PARKING
PC-4	4A	DEDICATED PARKING
	4B	DEDICATED PARKING
PC-5	5A	DEDICATED PARKING
	5B	DEDICATED PARKING
PC-6	6A	DEDICATED PARKING
	6B	ENABLED PARKING, TRAILER PRIORITY



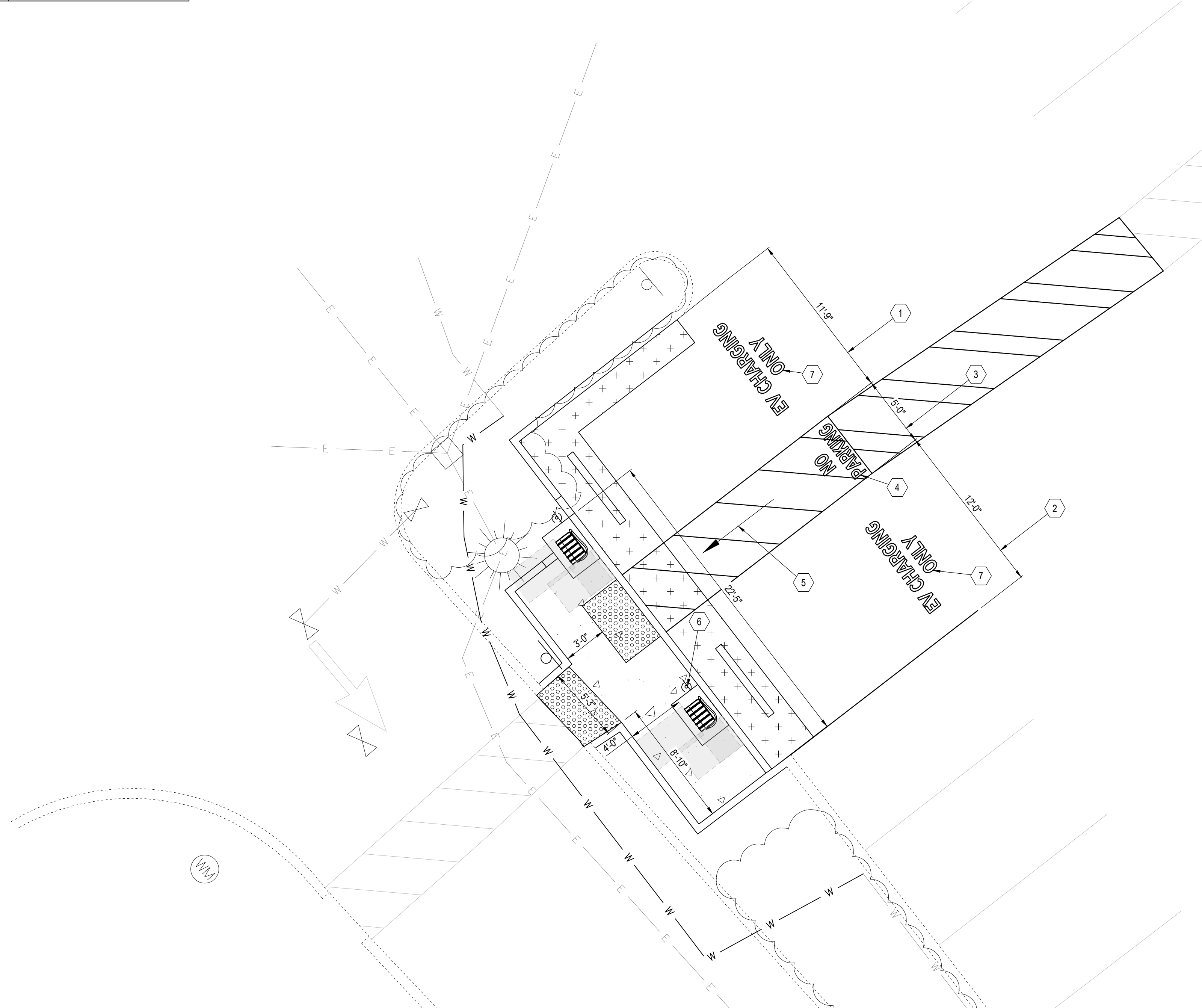
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TABLE 11B-228.3.2.1
ELECTRIC VEHICLE CHARGING STATIONS FOR PUBLIC USE AND COMMON USE

TOTAL NUMBER OF EVCS AT A FACILITY ¹	MINIMUM NUMBER (BY TYPE) OF EVCS REQUIRED TO COMPLY WITH SECTION 11B-812 ¹		
	VAN ACCESSIBLE	STANDARD ACCESSIBLE	AMBULATORY
1 TO 4	1	0	0
5 TO 25	1	1	0
26 TO 50	1	1	1
51 TO 75	1	2	2
76 TO 100	1	3	3
101 AND OVER	1, PLUS 1 FOR EACH 300, OR FRACTION THEREOF, OVER 100	3, PLUS 1 FOR EACH 60, OR FRACTION THEREOF, OVER 100	3, PLUS 1 FOR EACH 50, OR FRACTION THEREOF, OVER 100

NOTES:
1. WHERE AN EV CHARGER CAN SIMULTANEOUSLY CHARGE MORE THAN ONE VEHICLE, THE NUMBER OF EVCS PROVIDED SHALL BE CONSIDERED EQUIVALENT TO THE NUMBER OF ELECTRIC VEHICLES THAT CAN BE SIMULTANEOUSLY CHARGED.

TOTAL EVCS PARKING SCHEDULE	
TOTAL PROPOSED EVCS PARKING STALLS	12
PROPOSED STANDARD ACCESSIBLE EVCS STALL	1
PROPOSED VAN ACCESSIBLE EVCS STALL	1
PROPOSED AMBULATORY ACCESSIBLE EVCS STALL	0
REQUIRED STANDARD ACCESSIBLE EVCS STALL	1
REQUIRED VAN ACCESSIBLE EVCS STALL	1
REQUIRED AMBULATORY ACCESSIBLE EVCS STALL	0



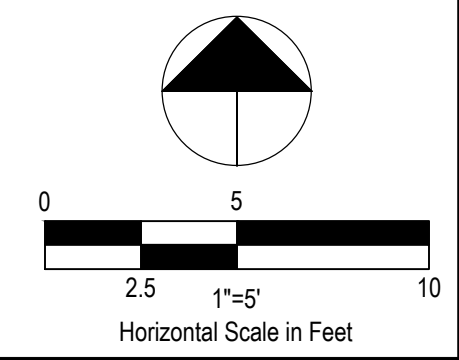
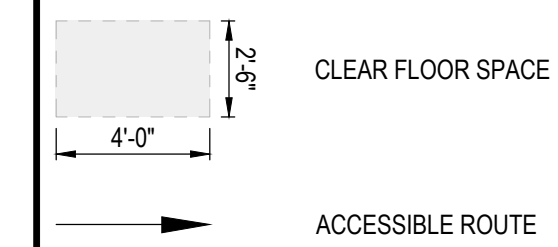
ADA GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE 2022 CBC 11B: ACCESSIBILITY TO PUBLIC BUILDINGS, PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS, AND PUBLIC HOUSING.
- OPERABLE PARTS: THE CHARGE POST HANDLE IS A MAXIMUM OF 48" FROM THE GROUND PER 11B-309.3.
- ACCESS AISLE CROSS SLOPE & RUNNING SLOPE SHALL NOT EXCEED 1:48.
- ACCESSIBLE ROUTE RUNNING SLOPE SHALL NOT EXCEED 1:20. ROUTE RUNNING SLOPE SHALL NOT EXCEED 1:48 WITHIN STRIPED AISLE.
- ACCESSIBLE ROUTE CROSS SLOPE SHALL NOT EXCEED 1:48.
- ADA PAVEMENT MARKING COLOR SHALL CONFORM WITH 11B-812.7.2
- ACCESSIBLE EV CHARGERS ARE COMPLIANT WITH CLEAR FLOOR AND HEIGHT DIMENSIONS OF SECTION 11B-309.
- THE WORDS "NO PARKING" SHALL BE PAINTED ON THE SURFACE WITHIN EACH ACCESS AISLE IN LETTERS A MINIMUM OF 12 INCHES (305 MM) IN HEIGHT AND LOCATED TO BE VISIBLE FROM THE ADJACENT VEHICULAR WAY.
- EVCS VEHICLE SPACES SHALL PROVIDE SURFACE MARKING STATING "EV CHARGING ONLY" IN LETTERS A MINIMUM OF 12 INCHES (305 MM) IN HEIGHT. "EV CHARGING ONLY" SURFACE MARKING SHALL BE ALIGNED WITH THE END OF THE VEHICLE SPACE LENGTH.
- THIS SITE IS COMPLIANT WITH CBC 11B: ACCESSIBILITY TO PUBLIC BUILDINGS, PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS, AND PUBLIC HOUSING.
- PAVEMENT MARKING COLORS SHALL MATCH EXISTING SITE CONDITIONS, UNLESS NOTED OTHERWISE ON THE SITE PLAN.
- EV CHARGERS SHALL COMPLY WITH SECTION 11B-812.10.
- EV CHARGERS SHALL BE ADJACENT TO, AND WITHIN THE PROJECTED WIDTH OF, THE VEHICLE SPACE BEING SERVED.
- OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAXIMUM.
EXCEPTION: GAS PUMP NOZZLES AND ELECTRIC VEHICLE CONNECTORS SHALL NOT BE REQUIRED TO PROVIDE OPERABLE PARTS THAT HAVE AN ACTIVATING FORCE OF 5 POUNDS (22.2 N) MAX.

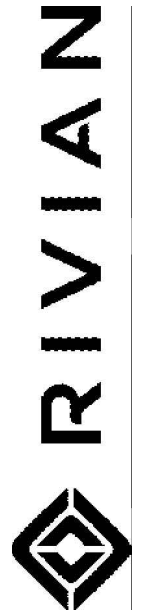
PLAN KEYNOTES

- STANDARD ACCESSIBLE STALL PER CBC 11B-812.6.2.
- VAN ACCESSIBLE STALL PER CBC 11B-812.6.1.
- ACCESS AISLE PER CBC 11B-812.7.
- SURFACE MARKING TO READ "NO PARKING" PER CBC 11B-812.7.3.
- ACCESSIBLE ROUTE PER CBC 11B-812.5.
- ADA IDENTIFICATION SIGN(S) PER CBC 11B-812.8
- SURFACE MARKING TO READ "EV CHARGING ONLY" PER CBC 11B-812.9

LEGEND



520 South Main Street, Suite 2531
Akron, OH 44311
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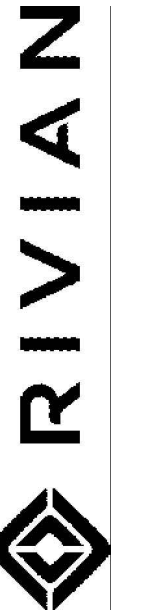
DCFC ADVENTURE NETWORK
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CALIFORNIA EV ADA
STANDARDS EXHIBIT

PROJECT MANAGER	DESIGNER
IM	JDP

JOB NO.
2024264.09

C-132



REV.	DATE	DESCRIPTION
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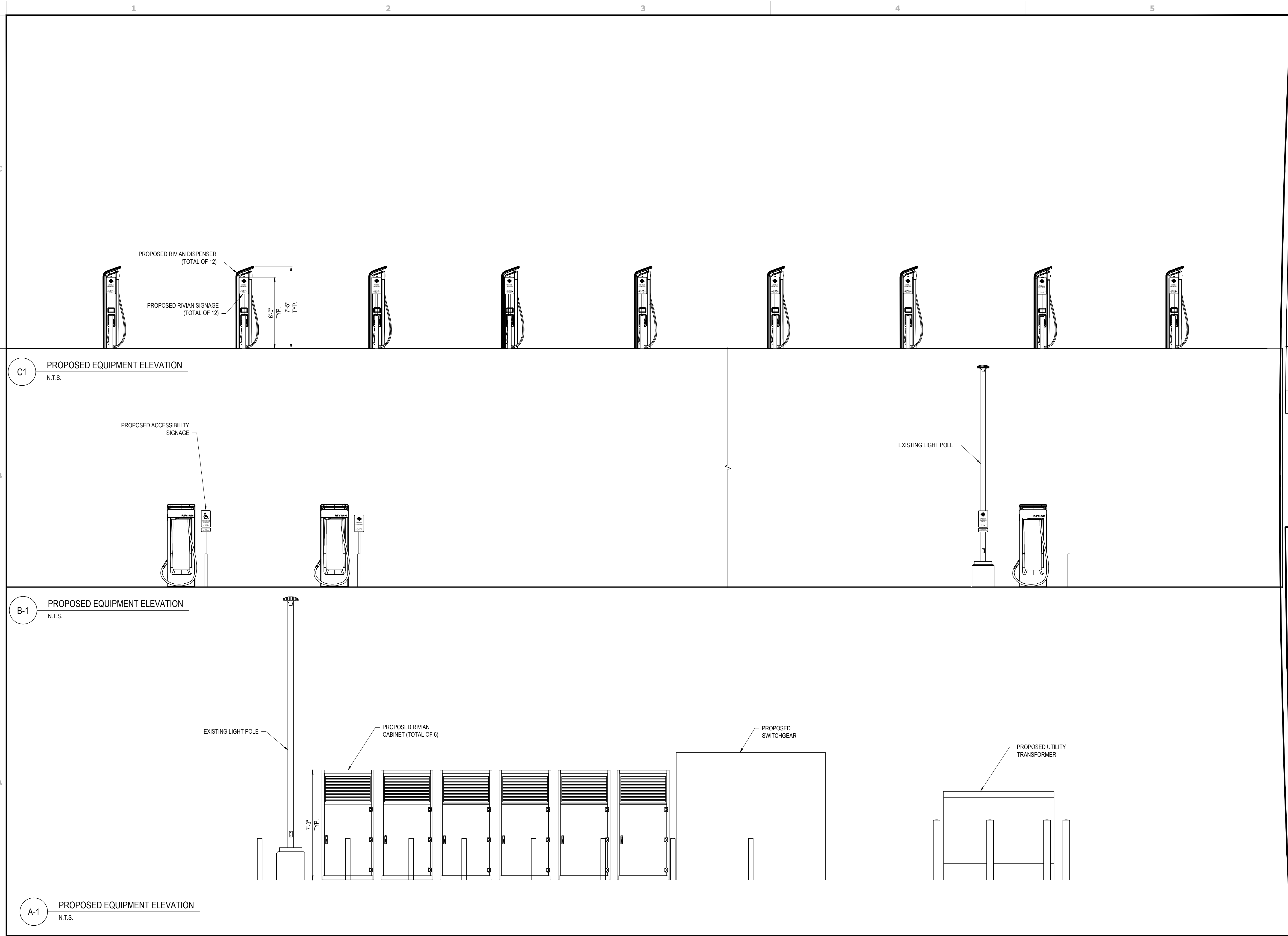
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 LONG BEACH, CA 90803

ELEVATION PLAN

PROJECT MANAGER	DESIGNER
IM	JDP

JOB NO.
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C-141



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