

# ELECTRIC VEHICLE CHARGING STATION

SANDSTONE PARK  
310 RAILROAD AVE, LYONS, CO 80540, USA

## SHEET INDEX

- T1.0 COVER
- T1.1 GENERAL NOTES
- A1.0 SITE PLAN
- A1.1 EQUIPMENT LAYOUT
- A1.2 STANDARD DETAILS
- S1.0 STRUCTURAL INFORMATION (EV CHARGER)
- S1.1 STRUCTURAL INFORMATION (EV HUB)
- E1.0 ONE LINE DIAGRAM
- E2.0 ELECTRICAL CALCULATIONS
- D1.0 VENDOR'S DATA

## SCOPE OF WORK

- (4) JULE EV DC FAST CHARGER, UP TO 150KW, NEMA 3R
- (1) JULE EV HUB XL, 440 kWH, NEMA 3R CABINET

## GOVERNING CODES & STANDARDS

2023 NATIONAL ELECTRICAL CODE AS LOCALLY ADOPTED  
THE LOCAL MUNICIPAL CODE AS APPLICABLE  
JULE INSTALLATION DOCUMENT PACKAGE FOR NEVI-DCFC SYSTEM SOLUTION

## Consultant



Solar - EV - Telecom - Buildings - Infrastructure  
jriviera@riveramep.com  
214.724.6134  
www.riveramep.com  
Registered per local engineering practice law, if required.  
TBPE Reg. # 12096

## Stamp

95% FOR  
REVIEW ONLY

## Contractor

## Project For

Sandstone Park  
310 Railroad Ave,  
Lyons, CO 80540, USA

## Project

Electric Vehicle  
Charging Station

## Sheet Contents

Cover Sheet

DRAWING STATUS	DATE
ISSUED FOR PERMIT	

BUILDING PERMIT NO.:

DRAWN BY: EB

CHECKED BY: JR

SCALE: AS NOTED

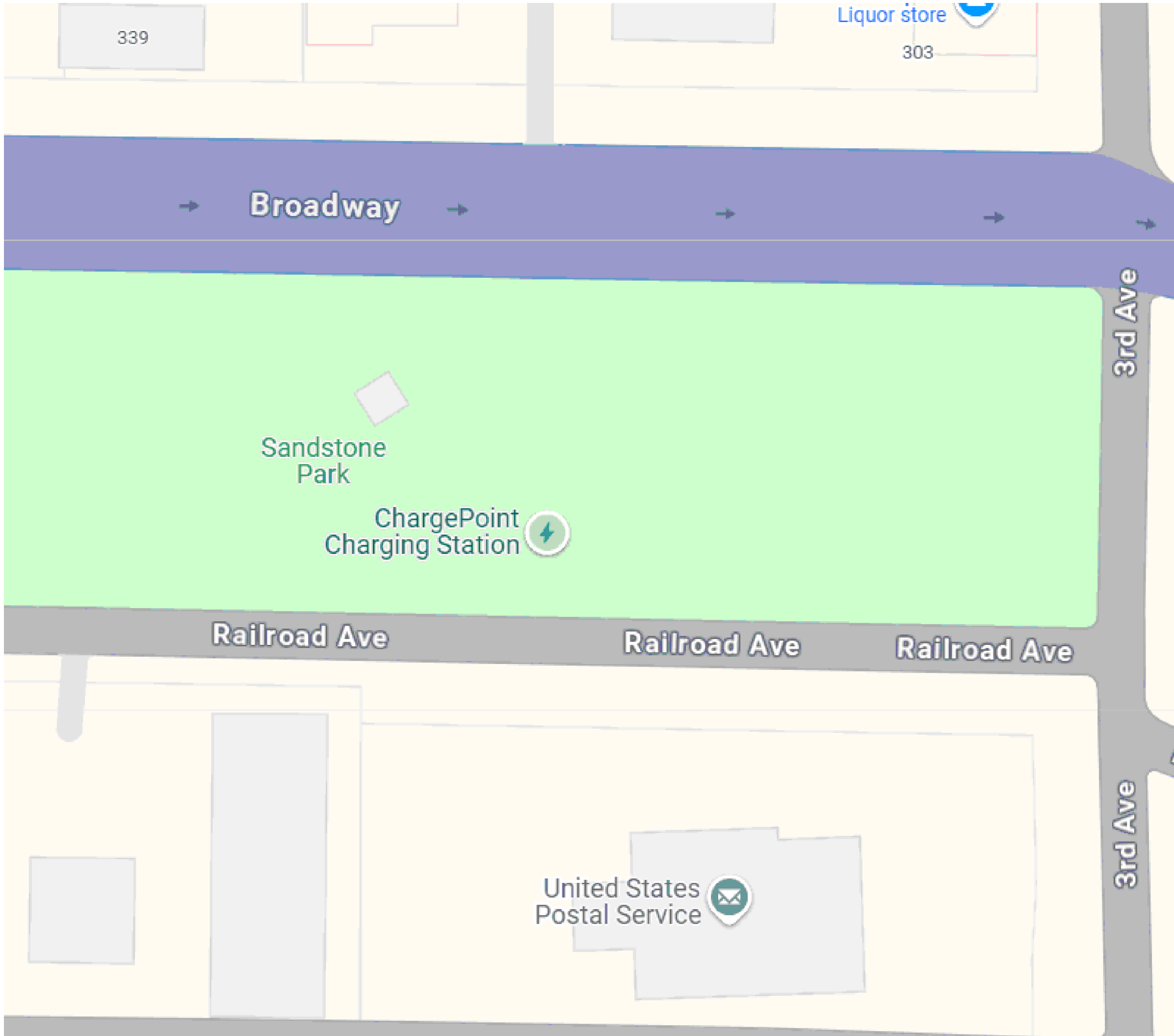
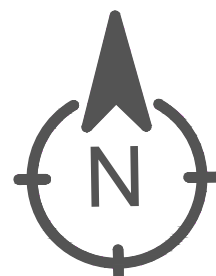
PROJECT NO.:

SHEET:

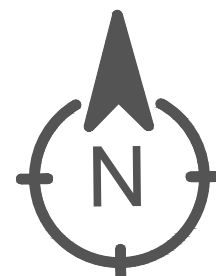
T1.0



1 AERIAL MAP  
SCALE : NTS



2 VICINITY MAP  
SCALE : NTS

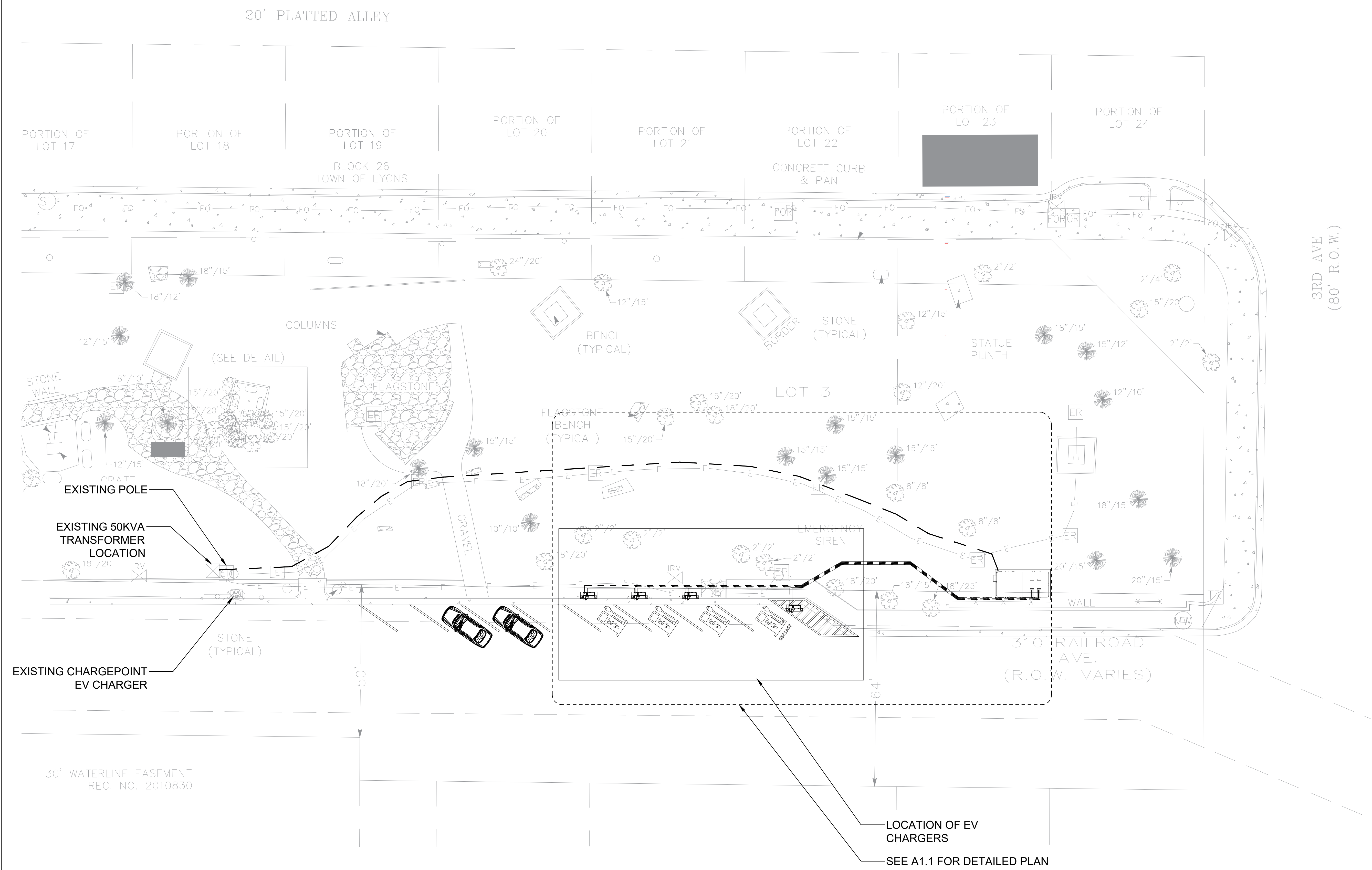




Picture 01 – System Location







Consultant



Solar - EV - Telecom - Buildings - Infrastructure

[jrivera@riveramep.com](mailto:jrivera@riveramep.com)  
214.724.6134  
[www.riveramep.com](http://www.riveramep.com)  
Registered per local engineering practice law, if required.  
TBPE Reg. # 12096

Stamp

95% FOR  
REVIEW ONLY

Contractor

Project For

Sandstone Park  
310 Railroad Ave,  
Lyons, CO 80540, USA

Project

Electric Vehicle  
Charging Station

Sheet Contents

Site Plan

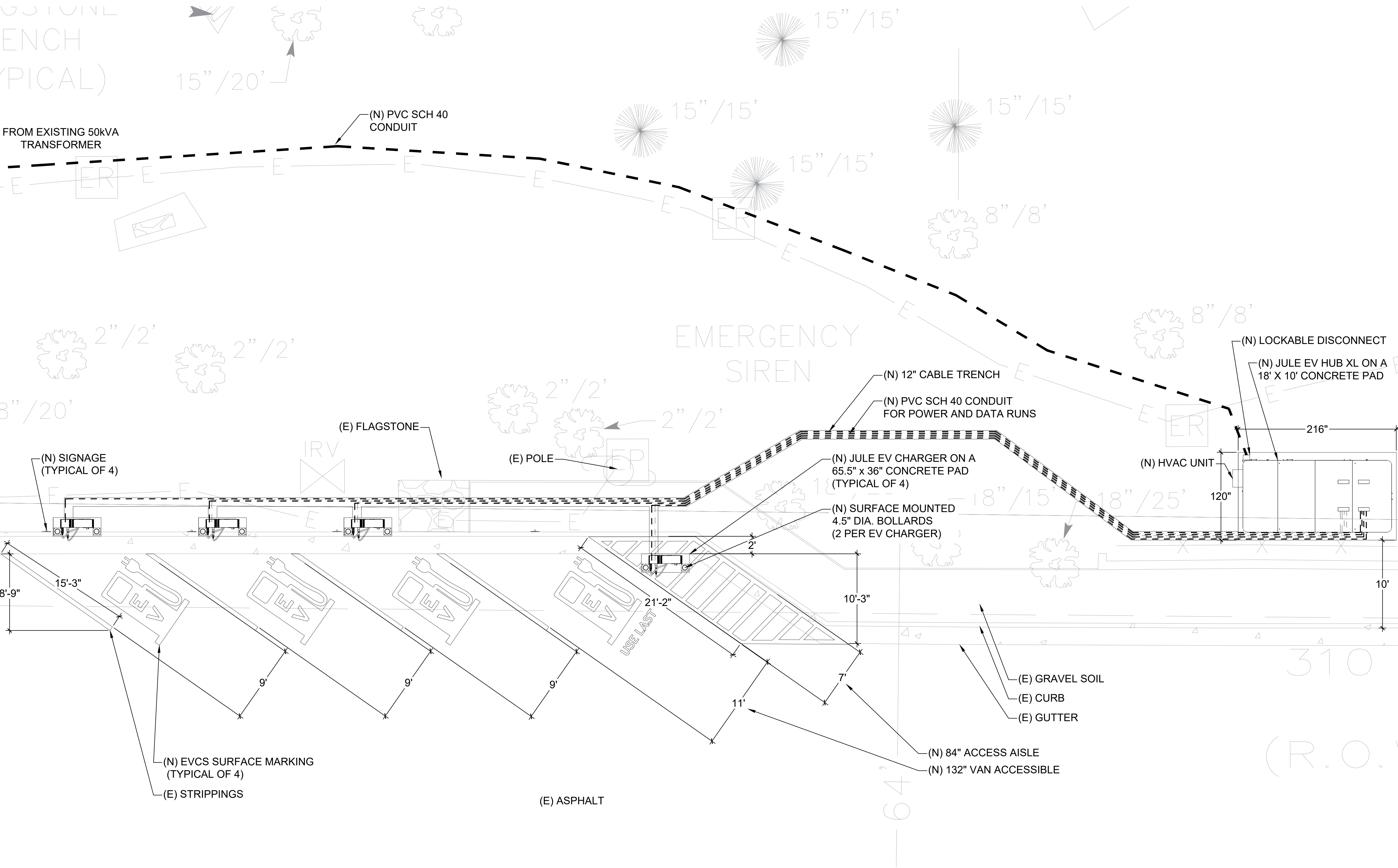
DRAWING STATUS	DATE
ISSUED FOR PERMIT	

BUILDING PERMIT NO.:	
DRAWN BY:	EB
CHECKED BY:	JR
SCALE:	AS NOTED
PROJECT NO.:	
SHEET:	

A1.0



NOTE:  
1) THIS DRAWING IS DIAGRAMATIC. FIELD COORDINATE AND SEEK APPROVAL FOR THE FINAL EQUIPMENT LAYOUT, BASED ON ACTUAL DIMENSIONS AND CONDITIONS, FROM THE OWNER AND UTILITY BEFORE STARTING THE WORKS.



Consultant



Solar - EV - Telecom - Buildings - Infrastructure

jriversa@riveramep.com

214.724.6134

www.riveramep.com

Registered per local engineering practice law, if required.

TBPE Reg. # 12096

Stamp

95% FOR REVIEW ONLY

Contractor

Project For

Sandstone Park

310 Railroad Ave,

Lyons, CO 80540, USA

Project

Electric Vehicle

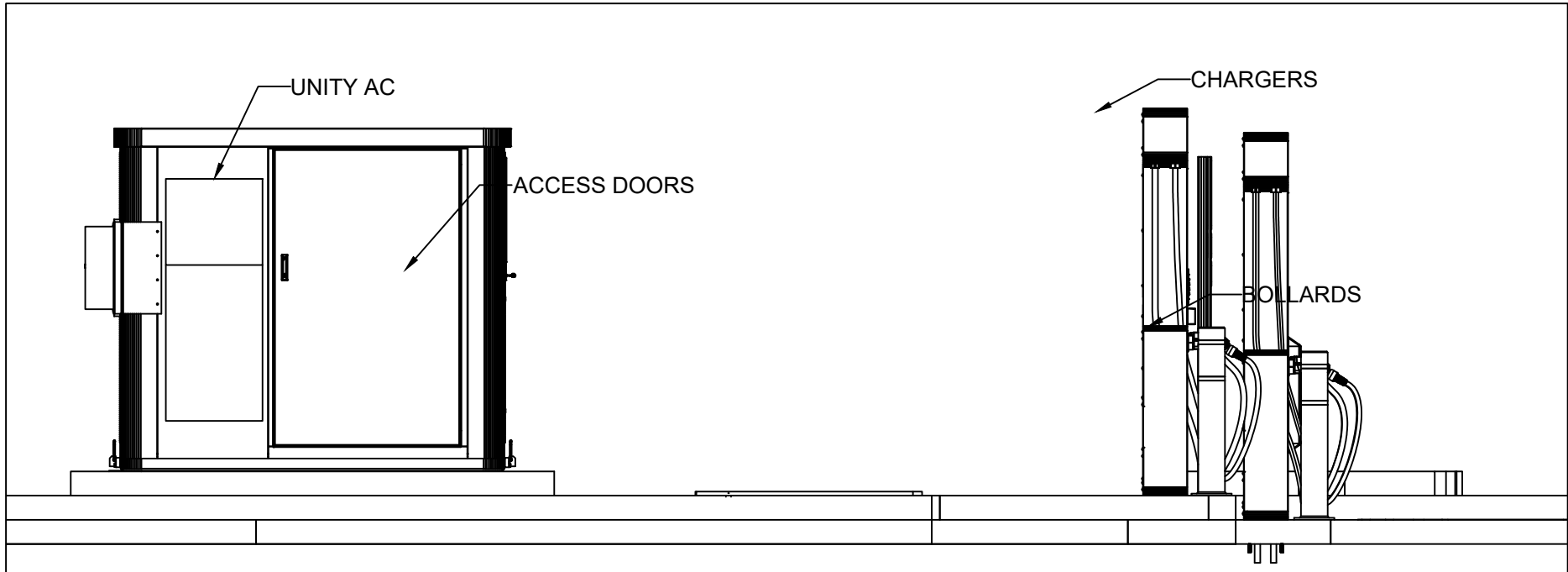
Charging Station

Sheet Contents

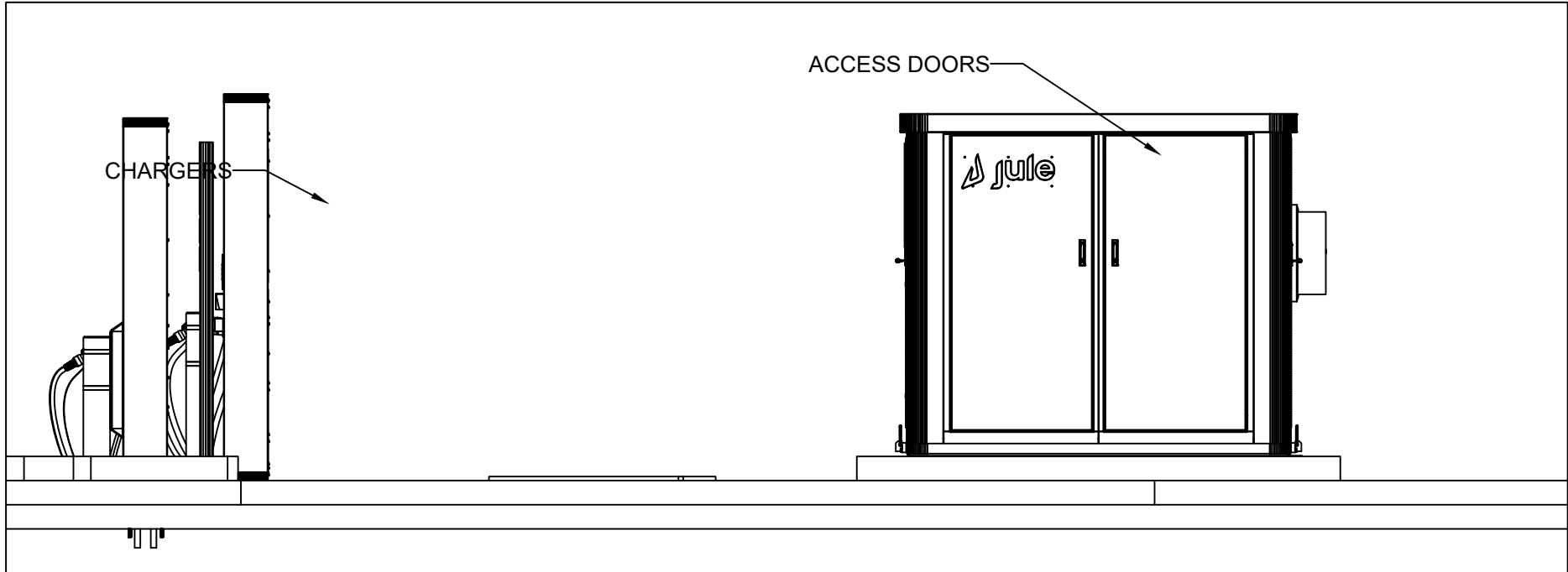
Equipment Layout

DRAWING STATUS	DATE
ISSUED FOR PERMIT	

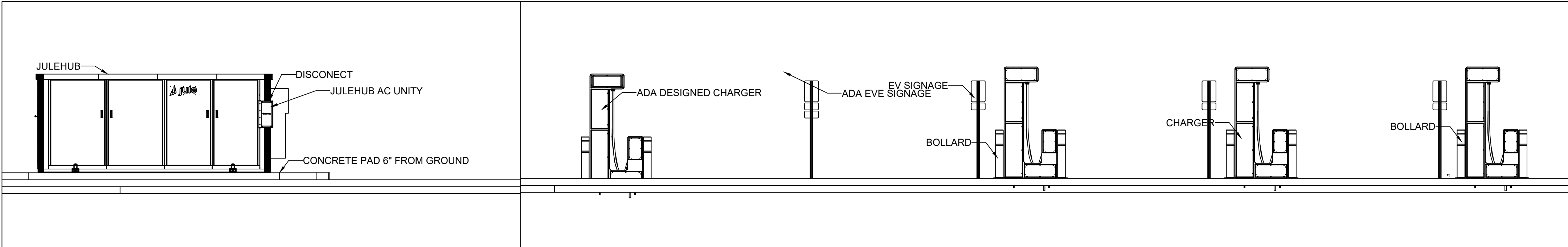
BUILDING PERMIT NO.:	
DRAWN BY:	EB
CHECKED BY:	JR
SCALE:	AS NOTED
PROJECT NO.:	
SHEET:	
A1.1	



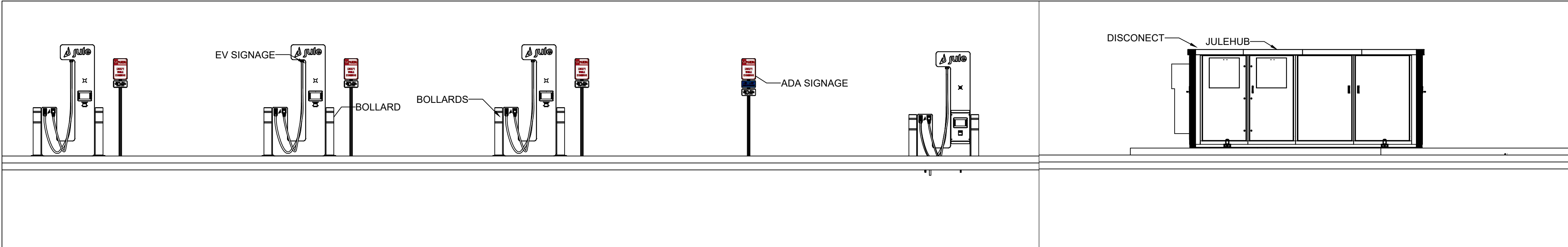
3 EVCS PARKING STALL LEFT 1/40



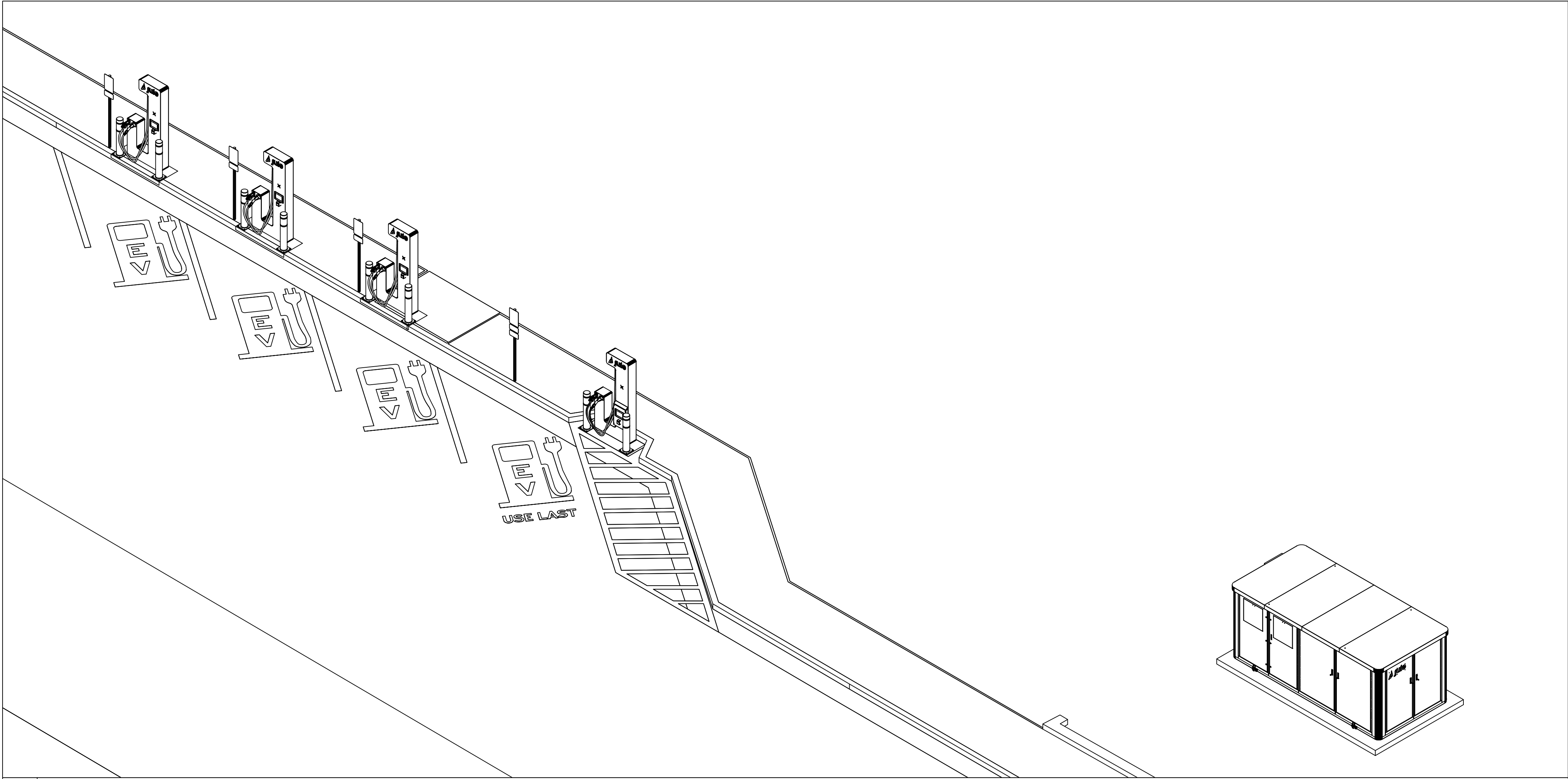
4 EVCS PARKING STALL RIGHT 1/40





1 EVCS PARKING STALL BACK 1/60



2 EVCS PARKING STALL FRONT 1/60



5 EVCS PARKING STALL ISOMETRIC NTS

UNLESS OTHERWISE SPECIFIED: TOLERANCES (INCHES): FRACTIONAL 1/64 ANGULAR MATCH 0° 30' INTEGRITY ONE PLACE DECIMAL ± 0.05 TWO PLACE DECIMAL ± 0.01 THREE PLACE DECIMAL 0.005		 powered by <b>ecamion</b>		SYSTEM LAYOUT	
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ECAMION INCORPORATED ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ECAMION INCORPORATED IS PROHIBITED.		 NAME DATE DRAWN LR 10-10-2024 CHECKED MATERIAL FINISH DO NOT SCALE DRAWING		TITLE: TOWN OF LYONS, CO	
eCAMION INC. 450 MIDWEST ROAD T: 416-755-6499 F: 416-757-8106 www.ecamion.com		COMMENTS: 1. 2. 3.		SIZE DWG. NO. D C-5.0 WEIGHT: SHEET 6 OF 17	