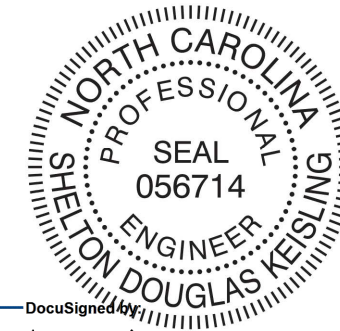


# RIVIAN

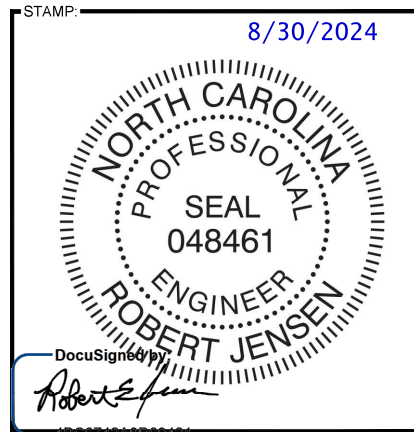
APPLICANT SITE NAME:  
**ASHEVILLE**

SSC SITE NUMBER:  
**NC-00005**

8/30/2024



DocuSigned by:  
*Shelton Keisling*  
EF94D8A5B80B407...



DocuSigned by:  
*Robert Jensen*

ENGINEERING LICENSE:  
STATE OF NORTH CAROLINA  
COMPANY LICENSE # C-4945

ENGINEER:	PE#:	DISCIPLINE:
REJ ROBERT E. JENSEN	048461	CIVIL
SDK SHELTON D. KEISLING	056714	ELECTRICAL
TMS TERRANCE M. SUPER	028097	ELECTRICAL

PROJECT:  
**RIVIAN ADVENTURE NETWORK**

DRAWING DESCRIPTION:  
**FINAL CD100**

**AERIAL MAP**



**SITE INFORMATION**

<b>SITE LOCATION:</b>	LATITUDE: 35.53007971° N (NAD 83) LONGITUDE: 82.60446475° W (NAD 83) GROUND ELEV: 2,169.0' AMSL	<b>APPLICANT:</b>	RIVIAN
<b>SITE ADDRESS:</b>	800 BREVARD RD, SUITE EV ASHEVILLE, NC 28806	<b>RIVIAN REAL ESTATE MANAGER:</b>	CONTACT: BRADLEY SOME EMAIL: bsome@rivian.com PHONE: (973) 668-9507
<b>COUNTY:</b>	BUNCOMBE	<b>RIVIAN DEPLOYMENT MANAGER:</b>	CONTACT: CHERYL LEE EMAIL: cherylee@rivian.com PHONE: (346) 306-3316
<b>JURISDICTION:</b>	CITY OF ASHEVILLE	<b>PROPERTY OWNER:</b>	NEW ENGLAND DEVELOPMENT
<b>ASSIGNED PARCEL #:</b>	9626-87-2046	<b>UTILITY COMPANY:</b>	DUKE ENERGY CONTACT: SCOTT BRADLEY TIPPET EMAIL: scott.tippet@duke-energy.com

**DRAWING INDEX**

SHEET NO.	SHEET DESCRIPTION	DISC.
T-1.0	TITLE SHEET	C/E
	SURVEY (BY OTHERS)	
C-1.0	OVERALL SITE PLAN	C
C-1.1	EXISTING SITE PLAN	C
C-1.2	ENLARGED SITE PLAN	C
C-1.3	SITE ELEVATIONS	C
C-2.0	EQUIPMENT PLANS (1 OF 2)	C
C-2.1	EQUIPMENT PLANS (2 OF 2)	C
C-3.0	EQUIPMENT DETAILS (1 OF 4)	C
C-3.1	EQUIPMENT DETAILS (2 OF 4)	C
C-3.2	EQUIPMENT DETAILS (3 OF 4)	C
C-3.3	EQUIPMENT DETAILS (4 OF 4)	C
E-1.0	UTILITY PLAN	E
E-1.1	RIVIAN UTILITY PLAN	E
E-2.0	RIVIAN RISER DIAGRAM	E
E-2.1	ELECTRICAL ONE-LINE DIAGRAM	E
E-2.2	PANEL SCHEDULE	E
E-3.0	ELECTRICAL DETAILS (1 OF 2)	E
E-3.1	ELECTRICAL DETAILS (2 OF 2)	E
G-1.0	GROUNDING RISER DIAGRAM	E
G-2.0	GROUNDING DETAILS	E
SP-1.0	SPECIFICATIONS (1 OF 5)	C
SP-1.1	SPECIFICATIONS (2 OF 5)	C
SP-1.2	SPECIFICATIONS (3 OF 5)	C
SP-2.0	SPECIFICATIONS (4 OF 5)	E
SP-2.1	SPECIFICATIONS (5 OF 5)	E
	RIVIAN HARDWARE DATASHEET (BY OTHERS)	
	SWITCHBOARD SHOP DRAWINGS (BY OTHERS)	

PLANS PREPARED FOR:



PLANS PREPARED BY:



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SUBMITTALS:	DESCRIPTION	DATE	BY	REV
ISSUED FOR REVIEW		07/03/24	TX	A
REVISED PER CLIENT COMMENTS		07/10/24	TX	B
REVISED PER CLIENT COMMENTS		07/10/24	EDA	C
ISSUED FOR PERMITTING		07/31/24	EDA	0
REVISED PER CLIENT COMMENTS		08/19/24	EDA	1
REVISED PER CLIENT COMMENTS		08/30/24	EDA	2

**SITE LOCATION QR CODE**



**CONSULTING TEAM**

**ENGINEERING:**  
SSCOOS, INC.  
7171 WEST 95TH STREET, SUITE 600  
OVERLAND PARK, KANSAS 66212  
PHONE: (913) 438-7700  
FAX: (913) 438-7777

**CLIENT MANAGER:**  
D.C. PELLAND

**A&E PROJECT MANAGER:**  
J.M. BRISCOE

**LEAD ENGINEER:**  
R.E. JENSEN

**LEAD ELECTRICAL:**  
S.D. KEISLING

**JURISDICTION COMPLIANCE**

ALL WORK SHALL BE PERFORMED AND MATERIALS 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 THESE CODES.

- 2018 NORTH CAROLINA BUILDING CODE
- 2018 NORTH CAROLINA MECHANICAL CODE
- ANSI/TIA-222 STRUCTURAL STANDARD
- NFPA 780 - LIGHTNING PROTECTION CODE
- 2020 NORTH CAROLINA ELECTRICAL CODE



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[www.call811.com](http://www.call811.com)

THE UTILITIES AS SHOWN ON THIS SET OF DRAWINGS WERE DEVELOPED FROM THE INFORMATION AVAILABLE. THE INFORMATION PROVIDED IS NOT IMPLIED NOR INTENDED TO BE THE COMPLETE INVENTORY OF UTILITIES IN THIS AREA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE CAUSED BY CONTRACTOR'S ACTIVITIES.

**PROJECT DESCRIPTION**

- INSTALL (6) RIVIAN DCFC DISPENSERS WITH SIGNAGE
- RESERVE (6) FUTURE RIVIAN DCFC DISPENSERS WITH SIGNAGE
- INSTALL (1) SWITCHBOARD WITH FOUNDATION
- INSTALL (3) POWER CABINETS WITH FOUNDATION
- RESERVE (3) FUTURE POWER CABINETS
- INSTALL (1) TRANSFORMER FOUNDATION PAD (TRANSFORMER FURNISHED & INSTALLED BY UTILITY COMPANY)

APPLICANT SITE NAME:

ASHEVILLE

SSC SITE NUMBER:

NC-00005

SITE ADDRESS:

800 BREVARD RD, STE. EV  
ASHEVILLE, NC 28806

SHEET DESCRIPTION:

TITLE SHEET

SHEET #:

T-1.0

**LINETYPE LEGEND:**

---	---	EXISTING R.O.W.
— OHP —	— OHP —	EXISTING OVERHEAD POWER
— P —	— P —	EXISTING UNDERGROUND COMMERCIAL/RESIDENTIAL POWER
— T —	— T —	EXISTING UNDERGROUND TELCO/FIBER
— GAS —	— GAS —	EXISTING UNDERGROUND NATURAL GAS
— W —	— W —	EXISTING UNDERGROUND WATER LINE
— SEWER —	— SEWER —	EXISTING UNDERGROUND SEWER LINE
— SW —	— SW —	EXISTING UNDERGROUND STORM WATER LINE

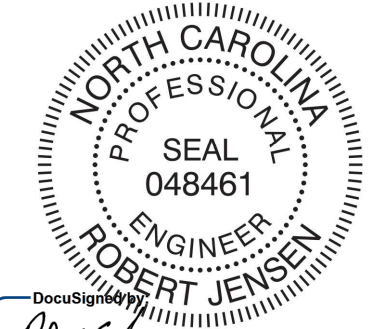
**GENERAL NOTE:**

1. EXISTING PROPERTY LINES, RIGHT-OF-WAY BOUNDARIES, EASEMENT BOUNDARIES, SETBACKS, AND UTILITIES ARE SHOWN FOR REFERENCE ONLY.

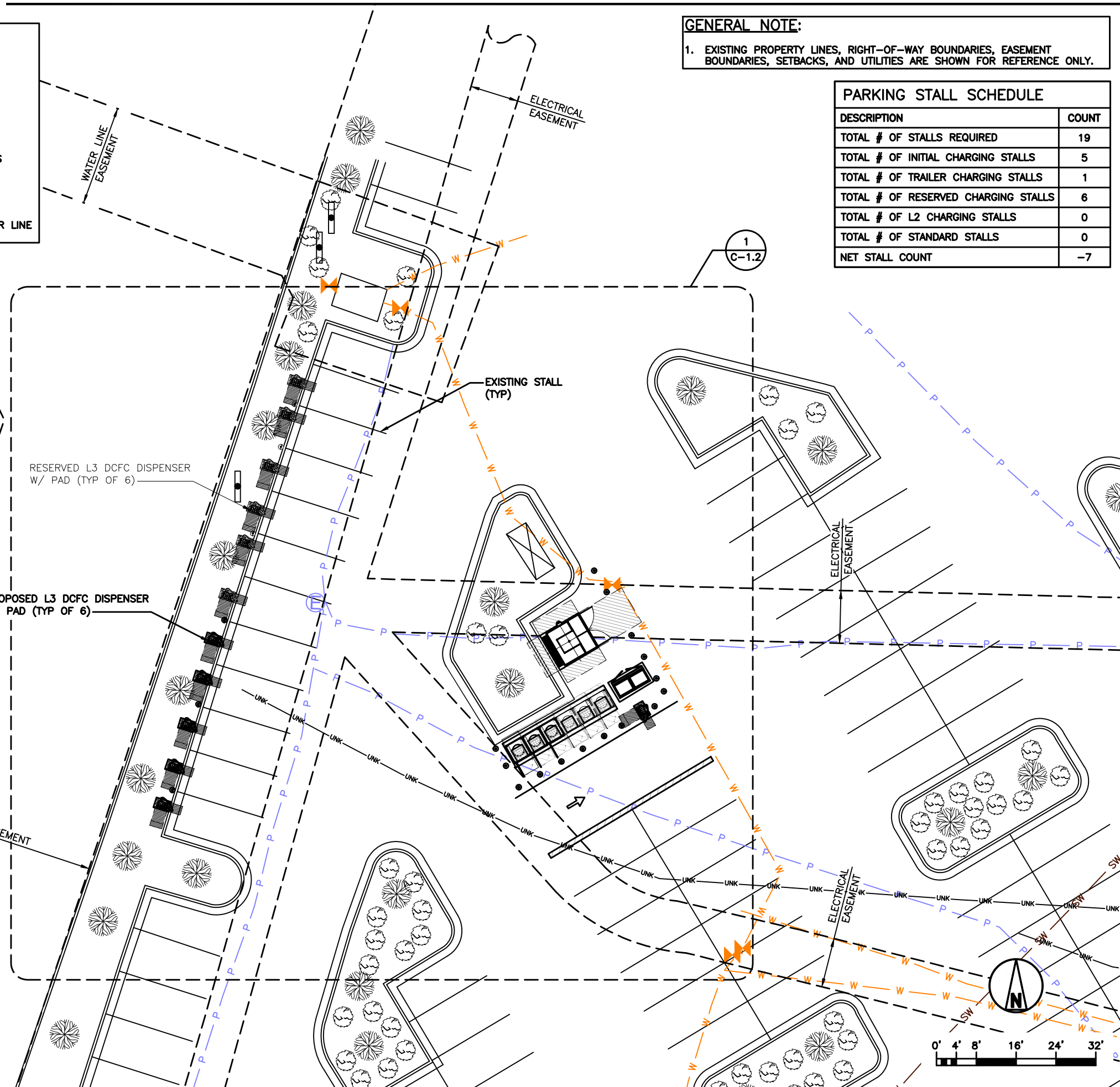
**PARKING STALL SCHEDULE**

DESCRIPTION	COUNT
TOTAL # OF STALLS REQUIRED	19
TOTAL # OF INITIAL CHARGING STALLS	5
TOTAL # OF TRAILER CHARGING STALLS	1
TOTAL # OF RESERVED CHARGING STALLS	6
TOTAL # OF L2 CHARGING STALLS	0
TOTAL # OF STANDARD STALLS	0
NET STALL COUNT	-7

STAMP: 8/30/2024



DocuSigned by  
 Robert Jensen  
 ENGINEERING LICENSE:  
 STATE OF NORTH CAROLINA  
 COMPANY LICENSE # C-4945  
 ENGINEER: PE# DISCIPLINE:  
 REJ ROBERT E. JENSEN 048461 CIVIL C  
 SDK SHELTON D. KEISLING 056714 ELECTRICAL E  
 TMS TERRANCE M. SUPER 028097 ELECTRICAL E



PLANS PREPARED FOR:

PLANS PREPARED BY:

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REVISED PER CLIENT COMMENTS	08/19/24	EDA	1
REVISED PER CLIENT COMMENTS	08/30/24	EDA	2

APPLICANT SITE NAME:  
 ASHEVILLE

SSC SITE NUMBER:  
 NC-00005

SITE ADDRESS:  
 800 BREVARD RD, STE. EV  
 ASHEVILLE, NC 28806

SHEET DESCRIPTION: OVERALL SITE PLAN	SHEET #: C-1.0
---	-------------------

OVERALL SITE PLAN

**PARKING STALL LEGEND**

DESCRIPTION	SYMBOL
PROPOSED DCFC DISPENSER	#

**SIGNAGE SCHEDULE**

POWER CABINET	DISPENSER	ENABLED/DEDICATED:
PC-1	1A	ENABLED
	1B	ENABLED
PC-2	2A	ENABLED
	2B	ENABLED
PC-3	3A	ENABLED
	3B	ENABLED
PC-4	4A	ENABLED
	4B	ENABLED
PC-5	5A	ENABLED
	5B	ENABLED
PC-6	6A	ENABLED
	6B	ENABLED

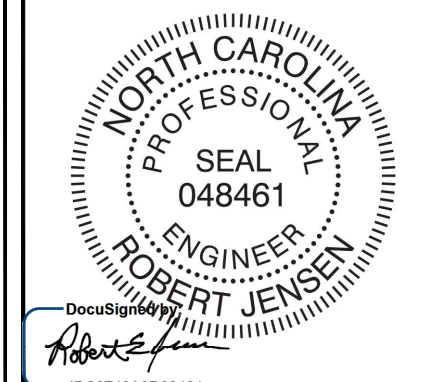
**GENERAL NOTE:**

RIVIAN CONTRACTOR TO REFERENCE DETAILS OF DUKE ENERGY UTILITY DESIGN AND SPECIFICATIONS.

**KEYED NOTES:**

- 1A PROPOSED PAD MOUNTED POWER CABINET (TYP OF 3)
- 1B RESERVED PAD MOUNTED POWER CABINET (TYP OF 3)
- 2A PROPOSED L3 DCFC DISPENSER (TYP OF 5)
- 2B PROPOSED L3 DCFC TRAILER DISPENSER
- 2C RESERVED L3 DCFC DISPENSER (TYP OF 6)
- 3 PROPOSED PAD MOUNTED SWITCHBOARD
- 4 PROPOSED RIVIAN BOLLARD (5'-0" O.C.) (TYP OF 14)
- 5A PROPOSED 2-IN-1 SIGN POST BOLLARD
- 5B PROPOSED 2-IN-1 DUAL SIGN POST BOLLARD (TYP OF 3)
- 5C RESERVED 2-IN-1 DUAL SIGN POST BOLLARD (TYP OF 2)
- 5D RESERVED 2-IN-1 SIGN POST BOLLARD
- 6 PROPOSED POWER SOURCE (FURNISHED & INSTALLED BY UTILITY COMPANY)
- 7 RELOCATED TREE

STAMP: 8/30/2024



DocuSigned by  
Robert Jensen  
ENGINEERING LICENSE  
STATE OF NORTH CAROLINA  
COMPANY LICENSE # C-4945  
ENGINEER: REJ ROBERT E. JENSEN PE# 048461 DISCIPLINE: CIVIL  
SDK SHELTON D. KEISLING 056714 ELECTRICAL  
TMS TERRANCE M. SUPER 028097 ELECTRICAL

PLANS PREPARED FOR:



PLANS PREPARED BY:



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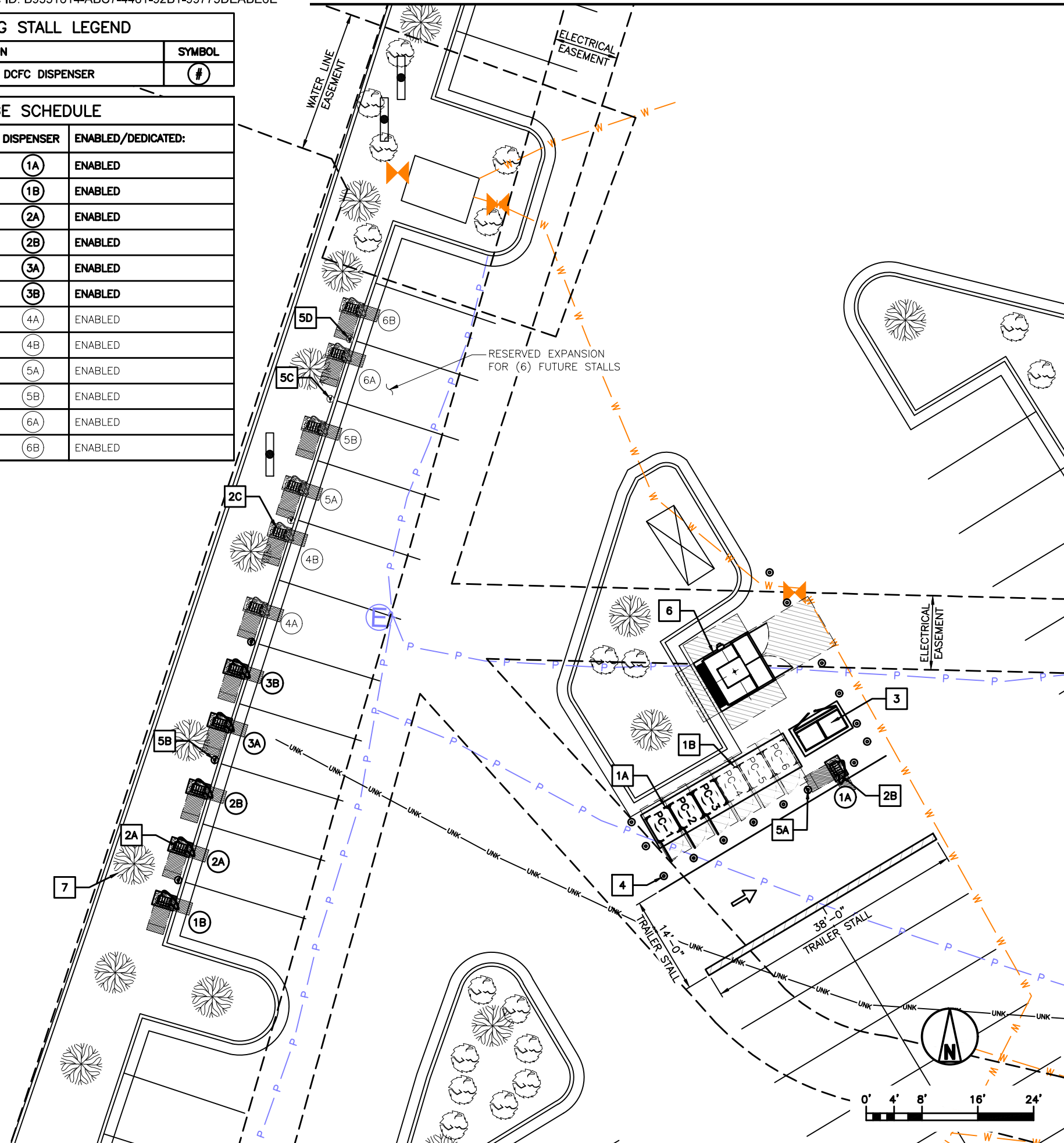
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APPLICANT SITE NAME:  
**ASHEVILLE**

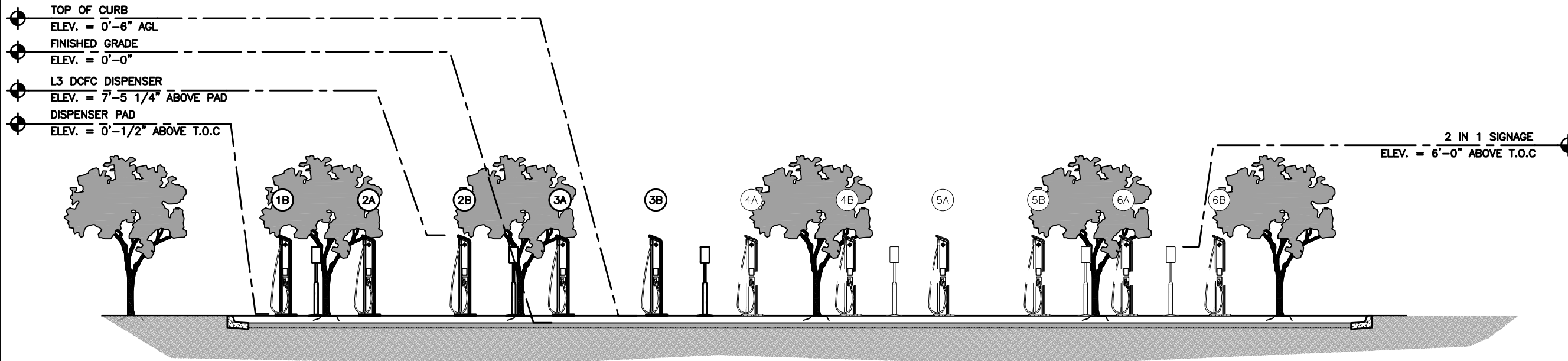
SSC SITE NUMBER:  
**NC-00005**

SITE ADDRESS:  
**800 BREVARD RD, STE. EV  
ASHEVILLE, NC 28806**

SHEET DESCRIPTION: **ENLARGED SITE PLAN** SHEET #: **C-1.2**

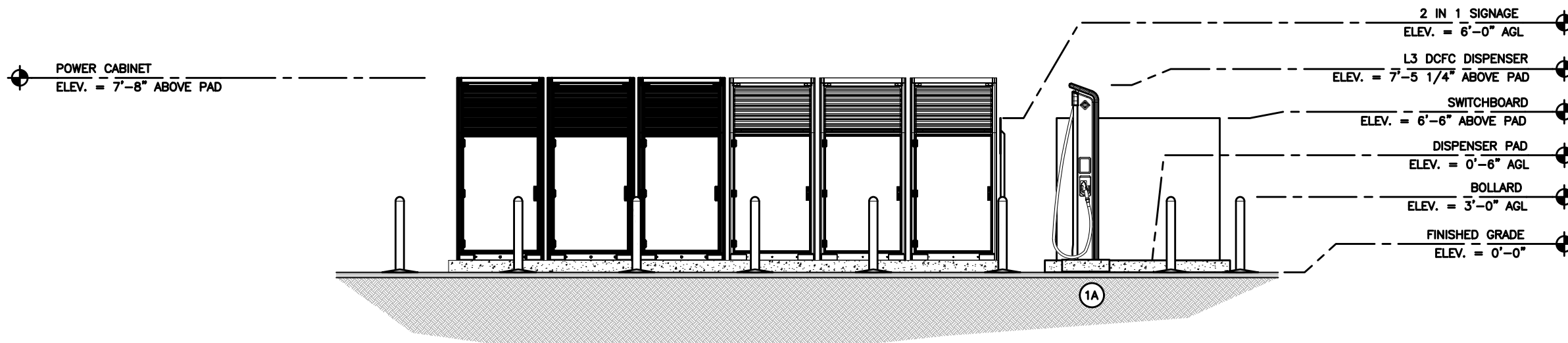


ENLARGED SITE PLAN



DISPENSER ELEVATION

1



EQUIPMENT ELEVATION

2

STAMP: 8/30/2024

DocuSigned by Robert Jensen

ENGINEERING LICENSE:

STATE OF NORTH CAROLINA  
COMPANY LICENSE # C-4945

ENGINEER:	PE#:	DISCIPLINE:
REJ ROBERT E. JENSEN	048461	CIVIL
SDK SHELTON D. KEISLING	056714	ELECTRICAL
TMS TERRANCE M. SUPER	028097	ELECTRICAL

PLANS PREPARED FOR:



PLANS PREPARED BY:



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APPLICANT SITE NAME:

ASHEVILLE

SSC SITE NUMBER:

NC-00005

SITE ADDRESS:

800 BREVARD RD, STE. EV  
ASHEVILLE, NC 28806

SHEET DESCRIPTION:

SITE ELEVATIONS

SHEET #:

C-1.3