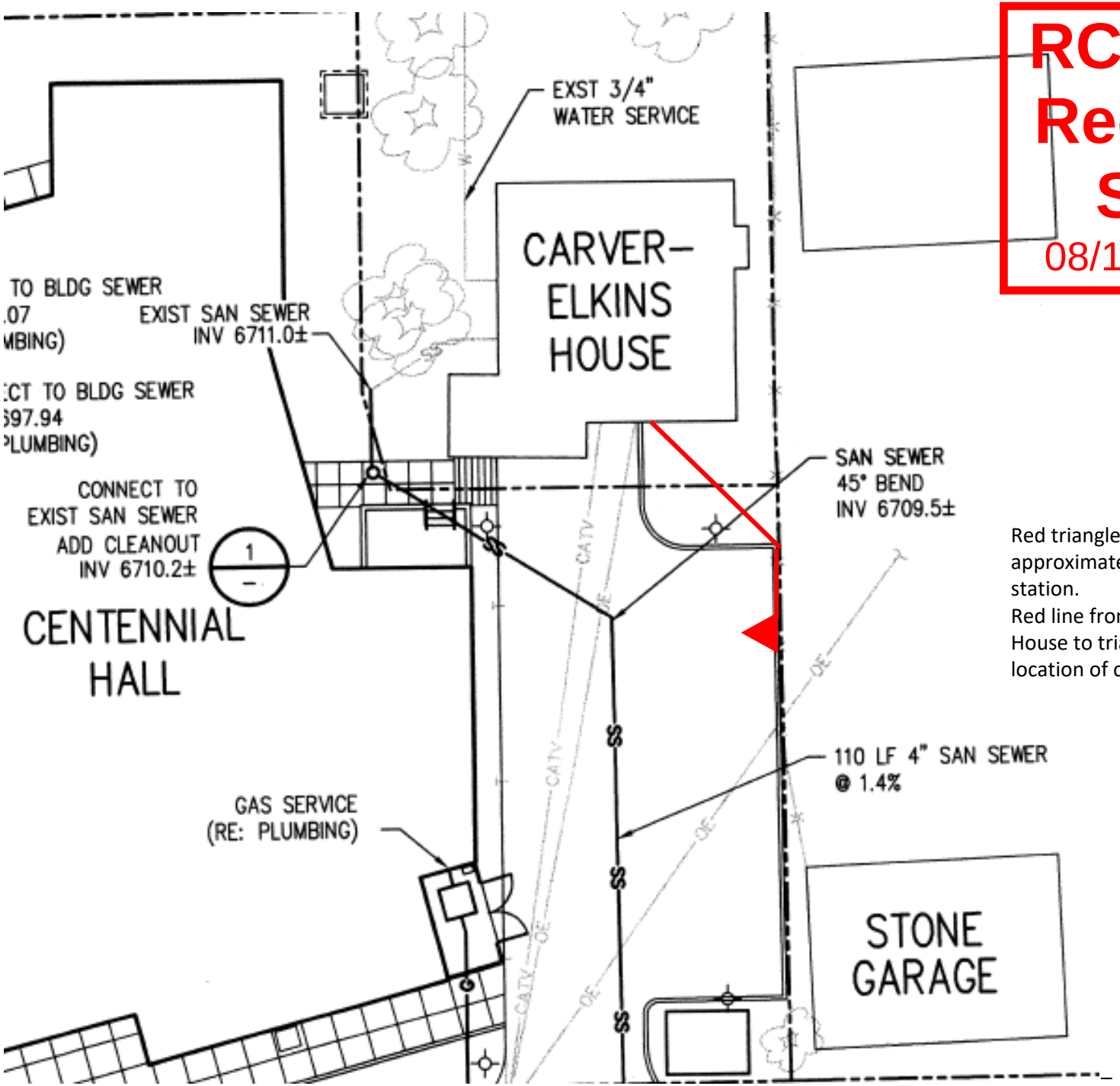
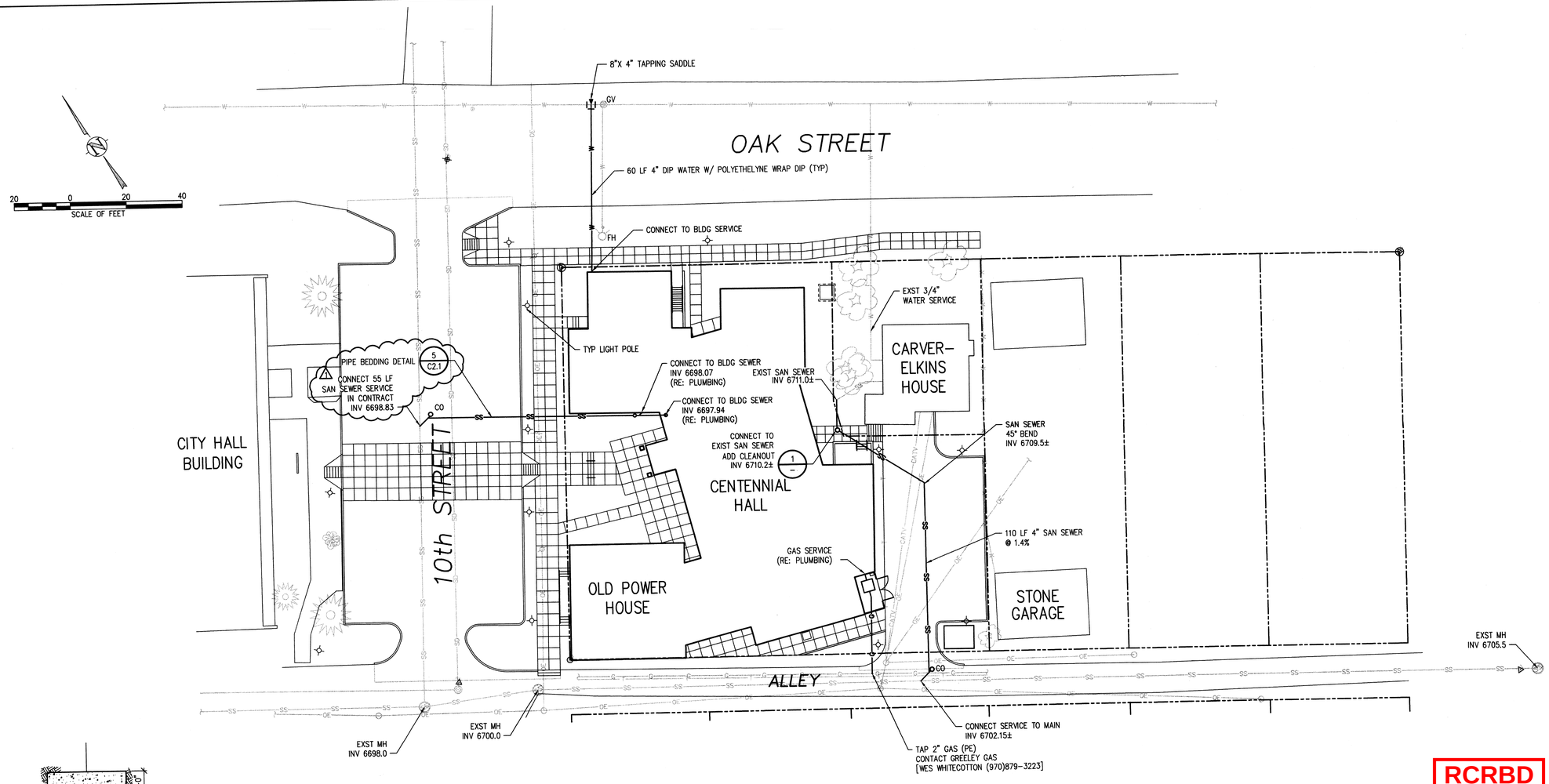
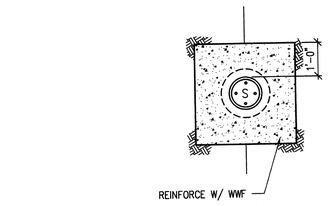

Hi Todd,
You are correct, there is no sidewalk. This lot is being used exclusively for City employee parking currently, one City-owned EV will be parked at this charger-the other stall will be made available to the public until the city acquires a second EV.
This parking area does not currently have any ADA parking stalls and I would like to follow Section 305.3 of the 2018 IEBC. The City does also have an EV charging station less than one block away on 10th St. (map attached). There is no curb cut out in front of the charging station, The accessible route from the stall to the charger (circled) is illustrated by the straight lines.
Thanks,
Brian Ashley
Facilities Manager
City of Steamboat Springs
(970)846-6528
bashley@steamboatsprings.net
RCRBD
Record Set
TC
07/29/2021
City of Steamboat Springs has 1 ADA car charging station located on 10th street between Lincoln and oak.
10th Street
Lincoln Avenue
137
124
1008


RCRBD
Record
Set
08/10/2021
EXST 3/4"
WATER SERVICE
CARVER–
ELKINS
HOUSE
TO BLDG SEWER
.07
MBING)
EXIST SAN SEWER
INV 6711.0±
CT TO BLDG SEWER
697.94
PLUMBING)
CONNECT TO
EXIST SAN SEWER
ADD CLEANOUT
INV 6710.2±
1
CENTENNIAL
HALL
SAN SEWER
45° BEND
INV 6709.5±
Red triangle indicates approximate location of charging station.
Red line from Carver Elkins House to triangle is approximate location of conduit to Charger.
110 LF 4" SAN SEWER
@ 1.4%
GAS SERVICE
(RE: PLUMBING)
STONE
GARAGE
CATV
OE
SS

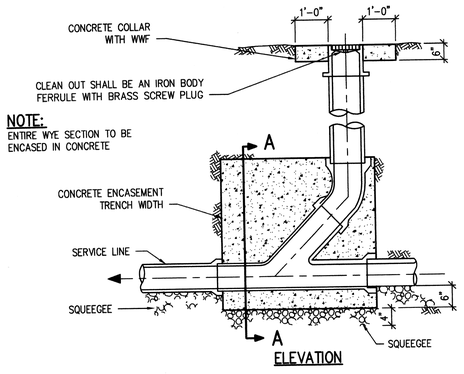


UTILITY PLAN

1"=20'-0"



PLAN VIEW



ELEVATION

STANDARD CLEAN–OUT DETAIL 1

NTS

RCRBD Record Set 08/10/2021

LEGEND

- EXISTING WATERLINE, GATE VALVE AND FIRE HYDRANT
- PROPOSED WATERLINE, GATE VALVE AND FIRE HYDRANT
- EXISTING SANITARY SEWER AND MANHOLE
- PROPOSED SANITARY SEWER AND MANHOLE
- PROPOSED STORM SEWER
- EXISTING GAS LINE
- FENCE LINE

NOTE

THE LOCATION OF UTILITIES SHOWN ON THE DRAWINGS HAVE BEEN DETERMINED FROM SURVEY DRAWINGS. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THE DRAWINGS WHICH PRESENTLY EXIST IN THE AREA OF CONSTRUCTION. THE ENGINEER AND/OR OWNER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS SHOWN.

JVA, INCORPORATED
CONSULTING ENGINEERS
1319 SPRUCE STREET
BOULDER, CO. 80302
PHONE: 303.444.1951
FAX: 303.444.1957
email: info@jvajva.com

CENTENNIAL HALL
CITY OF STEAMBOAT SPRINGS
STEAMBOAT SPRINGS, COLORADO

ISSUED DATE	CONSTRUCTION 1/14/00
REVISION	DATE
Bldg. Dept. Resp.	1/14/00

DRAWN	CWK
CHECKED	KAT
PROJECT NO.	1007C

SHEET TITLE: UTILTY PLAN

SHEET NO. C3.0

J:\1007C\dwgs\c1007C30.dwg Fri Jan 14 13:02:08 2000 Plotted By: CWK

Plot Date: 7/16/2021 3:50:55 PM

APPLICABLE CODES AND STANDARDS:

A. 2018 INTERNATIONAL BUILDING CODE (INCLUDING ALL LOCAL ADOPTIONS)
B. 2018 INTERNATIONAL RESIDENTIAL CODE (INCLUDING ALL LOCAL ADOPTIONS)
C. CITY OF STEAMBOAT SPRINGS COMMUNITY DEVELOPMENT CODE
D. "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" - ASCE 7-16
E. "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" - ACI318
F. "STEEL CONSTRUCTION MANUAL" - AISC FOURTEENTH EDITION
G. "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" - ANSI/AF&PA-NDS 2015

DESIGN LIVE LOADS:

A. CT4000 NETWORK CHARGING STATION — < 200 LBS.
B. WIND: — 115 MPH, EXPOSURE B
C. SEISMIC DESIGN: — CATEGORY B, SOIL TYPE D

FOUNDATION CRITERIA:

A. DESIGN OF INDIVIDUAL FOOTINGS IS BASED ON AN ASSUMED MAXIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2,500 PSF DEAD LOAD PLUS FULL LIVE LOAD.

REINFORCED CONCRETE:

A. STRUCTURAL CONCRETE SHALL BE TYPE 1, AND HAVE A MINIMUM 28 DAY STRENGTH OF 3,000 PSI. EXTERIOR CONCRETE SLABS SHALL BE TYPE 1 AND HAVE A MINIMUM 28 DAY STRENGTH OF 4,000 PSI. ALL CONCRETE SHALL HAVE A MIN 6% (+/- 1.5%) ENTRAINED AIR FOR DURABILITY AND A 4" (+/- 1") SLUMP. THE MAXIMUM AGGREGATE SIZE SHALL BE 3/4". CONCRETE SHALL NOT BE PLACED ON FROZEN GROUND AND SHALL BE PROTECTED FROM FREEZING FOR A MINIMUM OF 7 DAYS. DURING COLD WEATHER THE METHODS DAMAGE.
B. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF AC1318 AND 301, LATEST EDITION.
C. ALL EXPOSED EDGES SHALL HAVE A 3/4" CHAMFER.
D. REINFORCING BARS SHALL CONFORM TO ASTM SPEC. A615-79 AND SHALL BE GRADE 60.
E. AT SPLICES, LAP BARS A MINIMUM OF 38 DIAMETERS. AT CORNERS AND INTERSECTIONS, MAKE HORIZONTAL CONTINUOUS OR PROVIDE MATCHING CORNER BARS. AROUND OPENINGS IN WALLS AND SLABS, PROVIDE (2) #5 BARS EXTENDING A MINIMUM OF 2 FEET BEYOND THE EDGE OF THE OPENING. CONTINUOUS TOP BARS IN WALLS SHALL BE SPLICED AT MID-SPANE. CONTINUOUS BOTTOM BARS IN WALLS SHALL BE SPLICED AT SUPPORTS.
F. CONCRETE COVER SHALL CONFORM TO ACI 318-08, 7.7. UNLESS A GREATER COVER IS REQUIRED, CONCRETE CAST AGAINST EARTH SHALL HAVE 3IN. MIN. COVER, CONCRETE EXPOSED TO EARTH OR WEATHER SHALL HAVE 2IN. MIN. COVER FOR NO. 6 BARS & GREATER, & 1 1/2 IN. MIN. COVER FOR NO. 5 BARS & SMALLER. CONCRETE NOT EXPOSED TO WEATHER SHALL HAVE 3/4" MIN. COVER FOR NO. 11 BARS & SMALLER.
G. WELDED WIRE FABRIC SHALL CONFORM TO ASTM 185 AND SHALL BE LAPPED ONE FULL MESH AT SPLICES AND TIED TOGETHER.
H. CONCRETE SHALL BE ADEQUATELY CONSOLIDATED/VIBRATED DURING PLACEMENT TO ENSURE IT IS THOROUGHLY PLACED AROUND ALL REINFORCING STEEL AND EMBEDDED FIXTURES.
I. UNLESS NOTED OTHERWISE, SLABS, FOOTINGS AND WALLS SHALL NOT HAVE ANY HORIZONTAL 'COLD JOINTS.' ALL CONSTRUCTION JOINTS SHALL BE DETAILED OR REVIEWED BY THE ENGINEER OF RECORD.
J. INTERIOR CONCRETE SLAB FINISH SHALL BE STEEL TROWEL FINISHED AND EXTERIOR CONCRETE SLABS SHALL BE BROOM FINISHED.

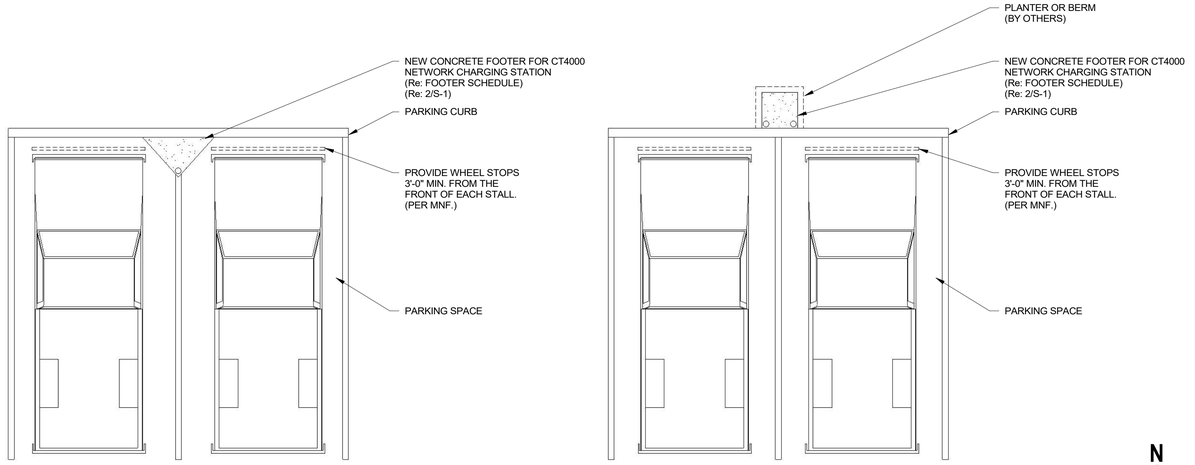
STRUCTURAL STEEL:

A. STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH THE LATEST VERSION OF THE AISC MANUAL OF STEEL CONSTRUCTION.
B. ALL BOLTS, INCLUDING ANCHOR BOLTS, SHALL CONFORM TO ASTM SPEC. A307.
C. STRUCTURAL STEEL ROLLED SHAPES, INCLUDING PLATES AND ANGLES, SHALL BE ASTM SPEC. A570, GR. 50KSI.
D. EXPANSION BOLTS CALLED FOR ON THE DRAWINGS SHALL BE SIMPSON "WEG-ALL", "STRONG-BOLT 2" OR APPROVED WEDGE TYPE ANCHORS WITH THE FOLLOWING MINIMUM EMBEDMENTS: 3/4" DIAMETER BOLTS - 3 3/8", 5/8" DIAMETER BOLTS - 2 3/4", 1/2" DIAMETER BOLTS - 2 1/4".
E. ALL EPOXY SHALL BE SIMPSON "SET-XP" AND SHALL BE INSTALLED PER THE "ANCHORING AND FASTENING SYSTEMS FOR CONCRETE AND MASONRY" SIMPSON CATALOG #C-SAS-2012 BY A QUALIFIED PERSONNEL.
F. FIELD WELDED CONNECTIONS MUST BE INSPECTED BY THE ENGINEER OF RECORD.
G. FILLET WELDS INDICATED ON THE PLANS SHALL BE OF E70XX ELECTRODES AND SHALL BE THE MINIMUM SIZE SPECIFIED IN THE AISC MANUAL OF STEEL CONSTRUCTION, TABLE J2.4.
H. ALL WELDS SHALL BE PERFORMED BY A CERTIFIED WELDER.

FOOTER SCHEDULE

MARK	SIZE	REINFORCING	REFERENCE
F1	2'-0" X 2'-0" X 2'-0"	(3) - #4 BARS TOP/BOTT, EACH WAY	2/S-1
F2	4'-0" X 3'-0" X 3'-0" X 2'-0"	(3) - #4 BARS TOP/BOTT, EACH WAY	2/S-1

NOTE: FOR FOOTER F2 - ADJUST REBAR LENGTHS TO FIT FOOTER SHAPE. SHAPES/VOLUMES ARE BASED ON MANUFACTURERS' RECOMMENDATIONS.



OPTION #2:
IN FRONT OF A CURB

NOTE:

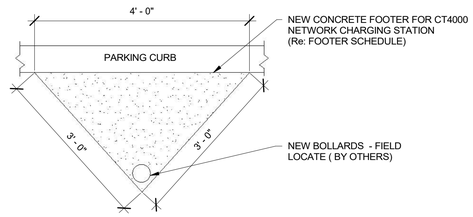
REFER TO THE CT4000 NETWORKED CHARGING STATION SITE DESIGN GUIDE FOR ADDITIONAL DETAILS NOT COVERED IN THESE DRAWINGS

OPTION #1:
BEHIND A CURB IN A PLANTER OR BERM

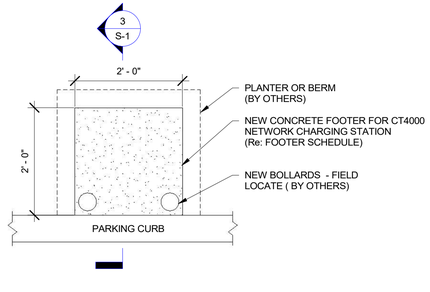
1 FOUNDATION PLAN

PLAN

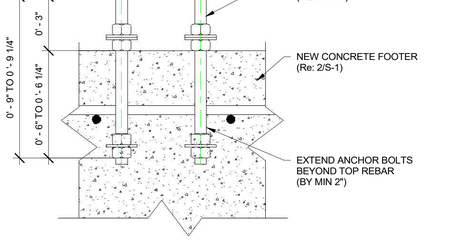
SCALE: 1/4" = 1'-0"



OPTION #2:
IN FRONT OF A CURB

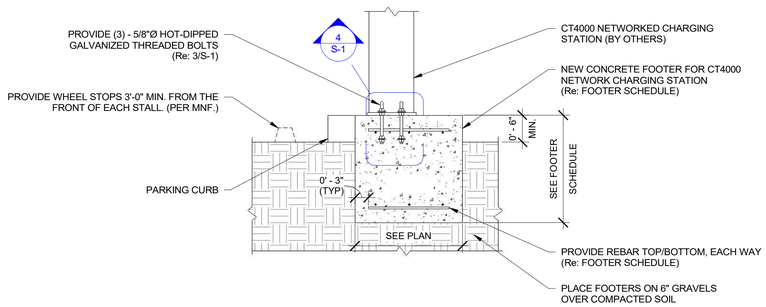


OPTION #1:
BEHIND A CURB IN A PLANTER OR BERM



3 ANCHOR BOLT SECTION

SCALE: 3" = 1'-0"



2 FOUNDATION SECTIONS

SCALE: 3/4" = 1'-0"

COLORADO LICENSED
JACOB EDWARD WIECZOREK
52418
7/16/21
PROFESSIONAL ENGINEER

SEA
STEAMBOAT ENGINEERING AND DESIGN, INC.
2740 ACRE LANE SUITE E
STEAMBOAT SPRINGS, CO 80487
PH: 970.871.9101
EMAIL: JAKE@SEADINC.COM

RCRBD
Record Set
TC
07/20/2021

CHARGING STATIONS

522 LINCOLN AVE
STEAMBOAT SPRINGS, CO, 80487

NEW FOOTER DESIGN

#	Date	Description
	07/16/21	PERMIT SET

MVS
Designed By

JEM
Checked By

21092
Project Number

GENERAL NOTES, PLANS, SECTIONS
Sheet Title

S-1
Sheet Number

File: Z:\2021\21092_City of SS- Charging Stations\Drawings\21092_City of SS - Charging Stations.rvt

PJ5008-1
Fire Prevention
In: 7/27/2021
Out: 07/29/2021

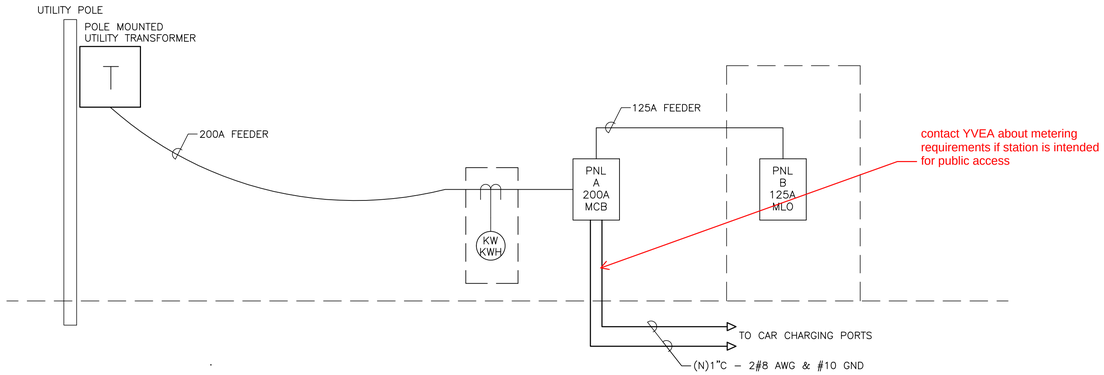


DIAGRAM NOTES

1. ALL WORK SHOWN IS EXISTING UNLESS OTHERWISE NOTED.
2. BRING ANY DISCOVERED CODE VIOLATIONS TO THE OWNER'S ATTENTION.
3. ALL WIRING SHOWN IS SIZED FOR COPPER CONDUCTORS, UON

1 SINGLE LINE DIAGRAM
NTS

EXISTING

PANEL B

MOUNTING SURFACE — 10,000 A.I.C. SYM
240/120 VOLTS — 1 PHASE — 3 WIRE — MAIN MLO — BUS 200 A

VOLT AMPS ØA	VOLT AMPS ØB	VOLT AMPS ØC	DESCRIPTION	REC	LTG	POLE	BKR	CIR		CIR	BKR	POLE	LTG	REC	DESCRIPTION	VOLT AMPS ØA	VOLT AMPS ØB	VOLT AMPS ØC
360			RECEPTS	2		1	15	1	A	2	30	2			HEATING	2000		
	750		BATHROOM			1	20	3	B	4	-	-			-		2000	
1000			DW			1	20	5	A	6	30	2			HEATING	2000		
	720		RECEPTS	4		1	20	7	B	8	-	-			-		2000	
750			EXISTING			1	20	9	A	10	30	2			HEATING	2000		
	750		EXISTING			1	20	11	B	12	-	-			-		2000	
720			RECEPTS	4		1	20	13	A	14	30	2			HEATING	2000		
			SPARE			1	20	15	B	16	-	-			-		2000	
			SPACE					17	A	18					SPACE			
			SPACE					19	B	20					SPACE			
			SPACE					21	A	22					SPACE			
			SPACE					23	B	24					SPACE			
2830	2220		VA/LINE													8000	8000	

ØA= 10830 — ØB= 10220 — ØC=

CONTINUOUS LOADS	NON-CONTINUOUS LOADS	
x1.25=	UP TO 10 kVA 1800 x1.00= 1800	OTHER 19250 x1.00= 19250
	RECEPTACLES / REMAINDER x0.50=	

TOTAL DESIGN kVA= 21 — TOTAL DESIGN AMPS= 88

EXISTING

PANEL A

MOUNTING SURFACE — 10,000 A.I.C. SYM
240/120 VOLTS — 1 PHASE — 3 WIRE — MAIN 200 A — BUS 200 A

VOLT AMPS ØA	VOLT AMPS ØB	VOLT AMPS ØC	DESCRIPTION	REC	LTG	POLE	BKR	CIR		CIR	BKR	POLE	LTG	REC	DESCRIPTION	VOLT AMPS ØA	VOLT AMPS ØB	VOLT AMPS ØC	
750			EXISTING			1	20	1	A	2	125	2			PANEL B	10830			
	750		EXISTING			1	20	3	B	4	-	-			-		10220		
750			EXISTING			1	20	5	A	6	20	1			EXISTING	750			
	750		EXISTING			1	20	7	B	8	20	1			EXISTING		750		
750			EXISTING			2	20	9	A	10	20	1			EXISTING	750			
	750		-			-	-	11	B	12	20	1			EXISTING		750		
750			EXISTING			1	20	13	A	14	30	1			EXISTING	750			
	750		EXISTING			1	20	15	B	16	-	1			EXISTING		750		
			SPACE					17	A	18	40	2			(N)CAR CHRGR	3840			(1)
			SPACE					19	B	20	-	-			-		3840		
			SPACE					21	A	22	40	2			(N)CAR CHRGR	3840			(1)
			SPACE					23	B	24	-	-			-		3840		
			SPACE					25	A	26					SPACE				
			SPACE					27	B	28					SPACE				
			SPACE					29	A	30					SPACE				
3000	3000		VA/LINE													20760	20150		

ØA= 23760 — ØB= 23150 — ØC=

CONTINUOUS LOADS	NON-CONTINUOUS LOADS	
x1.25=	UP TO 10 kVA 1800 x1.00= 1800	OTHER 45110 x1.00= 45110
	RECEPTACLES / REMAINDER x0.50=	

TOTAL DESIGN kVA= 47 — TOTAL DESIGN AMPS= 195

(1) PROVIDE NEW BREAKER AS SHOWN.

2 PANEL SCHEDULES
NTS

GENERAL NOTES

1. ALL WORK SHOWN IS NEW, UNLESS NOTED OTHERWISE.
2. ALL WORK TO BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE, 2020 EDITION.
3. SEAL ALL CONDUIT PENETRATIONS OF FLOORS AND FIRE RATED ASSEMBLIES TO MAINTAIN FIRE RATING.
4. PROVIDE NEW TYPEWRITTEN DIRECTORIES REFLECTING WORK PERFORMED FOR ALL NEW PANELBOARDS IN THIS PROJECT.
5. PLANS ARE PREPARED WITH REQUIRED BRANCH CIRCUITS INDICATED BY CIRCUIT NUMBERS. PROVIDE AND INSTALL ALL CONDUITS, CONDUCTORS, BOXES, MISCELLANEOUS FITTINGS, ETC. FOR A COMPLETE AND OPERABLE SYSTEM (HOMERUN SHOWN). BRANCH CIRCUIT INSTALLATION SHALL COMPLY WITH SPECIFICATIONS AND N.E.C.
6. ALL NEUTRAL CONDUCTORS ON POWER BRANCH CIRCUITING ROUNDHOUSES TO BE #10 AWG UNLESS NOTED OTHERWISE.

ABBREVIATIONS

		NOTES
A, AMP	AMPERE	
AC	ABOVE COUNTER TOP	
AIC	AMPERE INTERRUPTING CAPACITY	
AFF	ABOVE FINISHED FLOOR	
AF	FRAME RATING IN AMPERES	
AS	SWITCH RATING IN AMPERES	
AT	TRIP RATING IN AMPERES	
AWG	AMERICAN WIRE GAUGE	
C	CONDUIT	
CL	CENTERLINE	
CKT	CIRCUIT	
CLG	CEILING	
DIST	DISTRIBUTION	
(E)	EXISTING TO REMAIN	
EC	EMPTY CONDUIT	
ELEC	ELECTRICAL	
EM	EMERGENCY	
EMT	ELECTRO METALLIC TUBING	
EWC	ELECTRIC WATER COOLER	
EWH	ELECTRIC WATER HEATER	
FA	FIRE ALARM	
GFCI	GROUND FAULT CIRCUIT INTERRUPTING	
G, GND	GROUND	
HP	HORSEPOWER	
MECH	MECHANICAL	
MCB	MAIN CIRCUIT BREAKER	
NC	NORMALLY CLOSED	
NEC	NATIONAL ELECTRIC CODE	
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION	
NO	NORMALLY OPEN	
NTS	NOT TO SCALE	
PB	PULL BOX	
ø, PH	PHASE	
PNL	PANEL	
PVC	POLYVINYL CHLORIDE CONDUIT	
PWR	POWER	
RSC	RIGID STEEL CONDUIT	
TEL	TELEPHONE	
TYP	TYPICAL	
UON	UNLESS OTHERWISE NOTED	
V	VOLT	
VA	VOLT AMPERES	
W	WATT	
WP	WEATHERPROOF	
XFMR	TRANSFORMER	

CITY OF STEAMBOAT
124 10th Street
Steamboat Springs, CO 80487

WILDER ENGINEERING LLC
Andrew Wilder PE
1170 Blue Sage Drive
Steamboat Springs, CO 80487
P: 970-819-7848
E: andy@wilder-eng.com

COLORADO LICENSED — ANDREW CHARLES WILDER — 49009 — PROFESSIONAL ENGINEER

Issue	By Date & Issue Description	By
–	PERMIT DWG – 6.9.21	AW

RCRBD
Record Set
Electrical
07/27/2021

Scale:
24x36 NTS
Description: SYMBOLS, SCHEDULES AND ONE LINE DIAGRAMS

Project Name: CITY EV CHARGERS

Project Number: 2021053

Sheet No.
E-1

CT4000 Level 2 Commercial Charging Station

Specifications and Ordering Information

Ordering Information

Specify model number followed by the applicable code(s). The order code sequence is: **Model-Options**. **Software**, **Services** and **Misc** are ordered as separate line items.

Hardware

Description		Order Code
Model	1830 mm (6 ft) Single Port Bollard Mount 1830 mm (6 ft) Dual Port Bollard Mount	CT4011-GW1 CT4021-GW1
	1830 mm (6 ft) Single Port Wall Mount 1830 mm (6 ft) Dual Port Wall Mount	CT4013-GW1 CT4023-GW1
	2440 mm (8 ft) Dual Port Bollard Mount 2440 mm (8 ft) Dual Port Wall Mount	CT4025-GW1 CT4027-GW1
Included	Integral Modem - North America	-GW1
Misc	Power Management Kit Bollard Concrete Mounting Kit	CT4000-PMGMT CT4001-CCM

Note: All CT4000 stations include Intergral Modem -GW1.

Software & Services

Description	Order Code
ChargePoint Commercial Service Plan	CPCLD-COMMERCIAL-*n**
ChargePoint Enterprise Plan	CPCLD-ENTERPRISE-*n**
ChargePoint Assure	CT4000-ASSURE*n**
Station Activation and Configuration	CPSUPPORT-ACTIVE
ChargePoint Station Installation and Validation	CT4000-INSTALLVALID

Note: All CT4000 stations require a network service plan per port.

*Substitute *n* for desired years (1, 2, 3, 4, or 5 years).

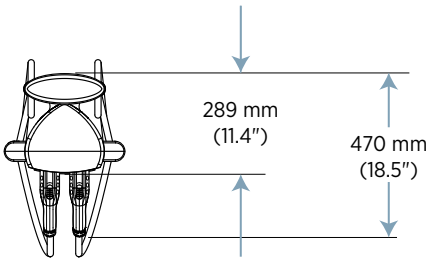
Order Code Examples

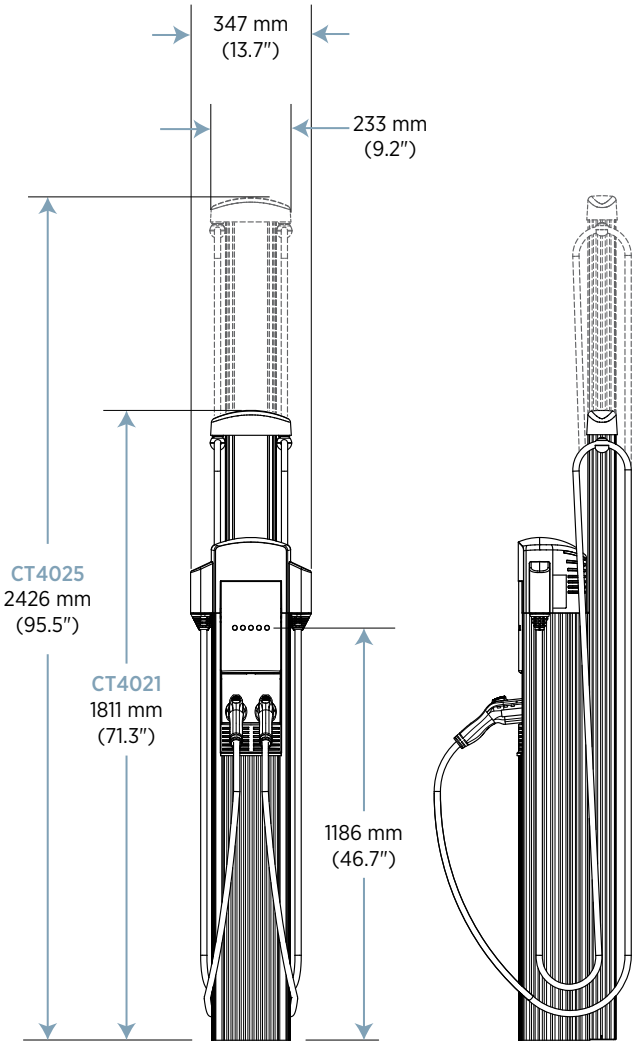
If ordering this	the order code is
1830 mm (6 ft) Dual Port Bollard Networked Station with Concrete Mounting Kit	CT4021-GW1 CT4001-CCM
ChargePoint Commercial Service Plan, 3 Year Subscription	CPCLD-COMMERCIAL-5
ChargePoint Station Installation and Validation	CT4000-INSTALLVALID
3 Years of Assure Coverage	CT4000-ASSURE5
1830 mm (6 ft) Single Port Wall Mount Networked Station	CT4013-GW1
ChargePoint Commercial Service Plan, 5 Year Subscription	CPCLD-COMMERCIAL-5 CT4000-ASSURE5
5 Years of Assure Coverage	CPSUPPORT-ACTIVE
Station Activation and Configuration	

CT4021

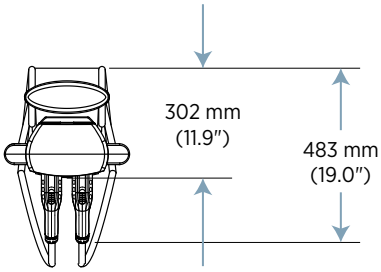
The First
ENERGY STAR®
Certified EV Charger

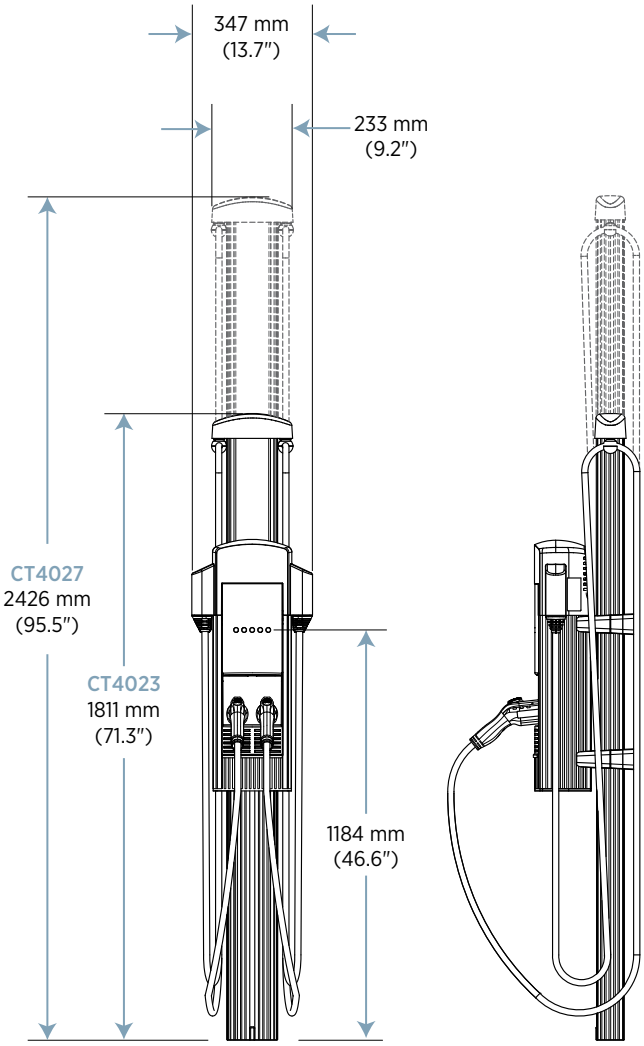
CT4021 1830 mm (6′)
CT4025 2440 mm (8′)
Bollard





CT4023 1830 mm (6′)
CT4027 2440 mm (8′)
Wall Mount





CT4000 Family Specifications

Electrical Input

	Single Port (AC Voltage 208/240V AC)			Dual Port (AC Voltage 208/240V AC)		
	Input Current	Input Power Connection	Required Service Panel Breaker	input Current	Input Power Connection	Required Service Panel Breaker
Standard	30A	One 40A branch circuit	40A dual pole (non-GFCI type)	30A x 2	Two independent 40A branch circuits	40A dual pole (non-GFCI type) x 2
Standard Power Share	n/a	n/a	n/a	32A	One 40A branch circuit	40A dual pole (non-GFCI type)
Power Select 24A	24A	One 30A branch circuit	30A dual pole (non-GFCI type)	24A x 2	Two independent 30A branch circuits	30A dual pole (non-GFCI type) x 2
Power Select 24A Power Share	n/a	n/a	n/a	24A	One 30A branch circuit	30A dual pole (non-GFCI type)
Power Select 16A	16A	One 20A branch circuit	20A dual pole (non-GFCI type)	16A x 2	Two independent 20A branch circuits	20A dual pole (non-GFCI type) x 2
Power Select 16A Power Share	n/a	n/a	n/a	16A	One 20A branch circuit	20A dual pole (non-GFCI type)
Service Panel GFCI	Do not provide external GFCI as it may conflict with internal GFCI (CCID)					
Wiring - Standard	3-wire (L1, L2, Earth)			5-wire (L1, L1, L2, L2, Earth)		
Wiring - Power Share	n/a			3-wire (L1, L2, Earth)		
Station Power	8 W typical (standby), 15 W maximum (operation)					

Electrical Output

Standard	7.2 kW (240V AC @ 30A)	7.2 kW (240V AC @ 30A) x 2
Standard Power Share	n/a	7.2 kW (240V AC @ 30A) x 1 **or** 3.8 kW (240V AC @ 16A) x 2
Power Select 24A	5.8 kW (240V AC @ 24A)	5.8 kW (240V AC @ 24A) x 2
Power Select 24A Power Share	n/a	5.8 kW (240V AC @ 24A) x 1 **or** 2.9 kW (240V AC @ 12A) x 2
Power Select 16A	3.8 kW (240V AC @ 16A)	3.8 kW (240V AC @ 16A) x 2
Power Select 24A Power Share	n/a	3.8 kW (240V AC @ 16A) x 1 **or** 1.9 kW (240V AC @ 8A) x 2

Functional Interfaces

Connector(s) Type	SAE J1772™	SAE J1772™ x 2
Cable Length - 1830 mm (6 ft) Cable Management	5.5 m (18 ft)	5.5 m (18 ft) x 2
Cable Length - 2440 mm (8 ft) Cable Management	n/a	7 m (23 ft)
Overhead Cable Management System	Yes	
LCD Display	145 mm (5.7 in) full color, 640 x 480, 30 fps full motion video, active matrix, UV protected	
Card Reader	ISO 15693, ISO 14443, NFC	
Locking Holster	Yes	Yes x 2

Safety and Connectivity Features

Ground Fault Detection	20 mA CCID with auto retry
Open Safety Ground Detection	Continuously monitors presence of safety (green wire) ground connection
Plug-Out Detection	Power terminated per SAE J1772™ specifications
Power Measurement Accuracy	+/- 2% from 2% to full scale (30A)
Power Report/Store Interval	15 minute, aligned to hour
Local Area Network	2.4 GHz WiFi (802.11 b/g/n)
Wide Area Network	LTE Category 4

Safety and Operational Ratings

Enclosure Rating	Type 3R per UL 50E
Safety Compliance	UL listed and cUL certified; complies with UL 2594, UL 2231-1, UL 2231-2, and NEC Article 625
Surge Protection	6 kV @ 3,000A. In geographic areas subject to frequent thunder storms, supplemental surge protection at the service panel is recommended.
EMC Compliance	FCC Part 15 Class A
Operating Temperature	-40°C to 50°C (-40°F to 122°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Non-Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Operating Humidity	Up to 85% @ 50°C (122°F) non-condensing
Non-Operating Humidity	Up to 95% @ 50°C (122°F) non-condensing
Terminal Block Temperature Rating	105°C (221°F)
Network	All stations include integral LTE modem and will be automatically configured to operate as gateway or non-gateway as needed

ChargePoint, Inc. reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

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Listed by Underwriters Laboratories Inc.

RCRBD
Record Set
TC
07/29/2021

RCRBD Comment:
ADA access is not achievable due to existing parking stalls not having access nor sidewalks at this location. The City provides an ADA accessible EV charger on 10th street between Lincoln and Oak.