### **APPLICATION FOR SITE PLAN APPROVAL**

Owner of record: Congregational Church of Salisbury, UCC			
Address of owner: 30 Main Street, Salisbury, CT 06068			
Property Location: Tax Map <u>54</u> Lot <u>78</u> Land Records: Vol. <u>Page</u>			
Acreage: <u>0.4</u> Zone: <u>C20</u>			
Site Plan Requirements:			
Soil Erosion and Sediment Control Measures:			
Conservation Commission Approval, if applicable: Original COA (# 2023-006) approved 6/6/23; Historic District Commission Approval, if applicable: COA amendment (# 2024-005) pending			
Approval From TAHD: WPCA: BHC:			
If applicable, boundaries of flood plain, aquifer protection zone, Housatonic River District, or Historic District should be on Site Plan.			
Additional Remarks:			
Owner's Signature: Palos Andrea Date: 4/10/2024			
Applicant's Signature and Title: Pastor Jonn A. Nelson			
Applicant's address and phone number: <u>30 Main Street / P.O. Box 392 / Sailsbury, CT 06068</u>			
000-455-2442			
Filed at Planning and Zoning Commission Office:			

A decision on a site plan submitted as part of a zoning permit application shall be rendered within 65 days after receipt of the plan at a regular meeting of the Commission. The applicant may request extensions of the decision period, not to exceed two further 65-day periods.



## MAP PREPARED FOR CONGREGATIONAL CHURCH OF SALISBURY, INC. #30 MAIN STREET - ROUTES 41 & 44 SALISBURY, CONNECTICUT SCALE I" = 20' MAY 8, 2023 TOTAL AREA = $0.405 \pm ACRES / 17,646 S.F.$

- EX. IRON PIN

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-I THRU 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES-"STANDARDS AND SUGGESTED METHODS AND PROCEDURES FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS REVISED OCTOBER 26, 2018 AND ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC., ON AUGUST 29, 2019. IT IS A PROPERTY BOUNDARY SURVEY BASED ON A RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2.

> TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

> > MATHIAS M. KIEFER, L.L.S.#16101 FROM THE OFFICE OF: LAMB KIEFER LAND SURVEYORS (SALISBURY, CONNECTICUT) MAP NOT VALID WITHOUT A LIVE SIGNATURE AND EMBOSSED SEAL



### LETTER OF AUTHORIZATION

TO:	Planning and Zoning Commission of Salisbury Connecticut

FROM: Congregational Church of Salisbury, United Church of Christ MHR Development, LLC (Owner's Representative)

RE: Zoning Applications for Congregational Church of Salisbury

DATE: June 22, 2023

The Congregational Church of Salisbury, UCC ("Owner") authorizes MHR Development, LLC ("MHR") to submit zoning permit applications in connection with the Owner's property located at 30 Main Street, Salisbury, CT 06068.

Please include MHR on all communications regarding the application and approval process for the corresponding zoning applications.

By signing below, the Owner authorizes MHR to facilitate the zoning application process.

By: Parlos Palka	23 June 2023
Signature	Date
Pastor John A. Nelson	860-435-2442
Print Name, Title	Telephone #

30 Main Street, Salisbury, CT 06068

Property Location

Congregational Church of Salisbury, UCC, 30 Main Street, PO Box 392, Salisbury, CT 06068 Mailing Address



Green box = approximate location of EVC.

Green circles = approximate locations of protective bollards.

Crosshatching can be painted on street to prevent parking in front of EVC (currently not included as part of this project). Yellow boxes = estimated location of spaces available for EV charging.

Notes:

- These spaces can be prioritized for EV charging
- No parking spaces will not be painted as part of this project



### **CoRe+<sup>™</sup> Family**



### CoRe+ Max

### Smart level 2 charging station for fleets, commercial and industrial application

The CoRe+ Max charging station is specifically designed for private applications such as fleets of light to medium duty EV with the complementary capability of serving as a public charger

### **Benefits**

- PowerSharing<sup>™</sup> technology (U.S. Pat. No. 9,927,778) Greatly reduce installation cost by sharing the remaining incremental capacity of an existing electrical infrastructure
- PowerLimiting<sup>™</sup> technology (U.S. Pat. No. 10,197,976) Add multiple charging stations to an existing installation while minimizing the building's peak power demand through:
  - Fixed limit
  - Scheduled limitations
  - Integration to a Building Management System (BMS)
- · Rugged and reliable design able to withstand harsh weather

#### **Smart Charging Solution**

- Enhanced charging station owner experience Complete remote management capabilities including software and firmware updates
- Enhanced user experience Deliver real-time updates and notifications to drivers
- Revenue generation Implement payment services to generate revenue
- Access control Configure stations to authorize access using the FLO mobile app or RFID card authentication, or allow unrestricted access to the station

#### **Key features**

- Flexible output current that is adjustable 24A to 80A
- Certified to operate in temperatures ranging from -40  $^\circ C$  to 50  $^\circ C$  / -40  $^\circ F$  to 122  $^\circ F$
- · Equipped with a charging cable that remains flexible at low temperature
- · Wall-mounted or pedestal configuration
- Modular design to facilitate servicing and maintenance
- · Access provided free of charge or according to a usage fee
- LED status indicator
- Optional cascading kit enables serial daisy-chain connection of multiple charging stations on pedestals and on the same branch circuit





### **Overview**

The CoRe+ charging station is designed for applications where a larger quantity of energy over a long period is needed, such as commercial fleets and workplaces. The CoRe+ can complementary support public charging of all EV on the road.

#### Future-proof energy management features

#### PowerSharing

- Allows the addition of charging ports (keeping up with the fast-paced increase demand for EVSE) for limited electrical infrastructure.
- Requires minimal modification to an existing electrical installation. Our technology can power up to 4 times more vehicles than standard installations would allow.

#### PowerLimiting

- Minimize the incremental power demand on the building's infrastructure (which can significantly increase with uncontrolled EVSEs).
- Limits the power drawn from the grid for an entire site based on a schedule or by communicating directly with a BMS.

#### **Physical features**

- · Rugged charging station able to withstand extreme weather and corrosion
- Thick and sturdy cast aluminum casing
- Universal SAE J1772 connector
- Flexible 25-foot cable
- Configurable output current with a rotary switch inside the station. No apps or other equipment required to configure current. Can easily adjust output current to match branch circuit or panel capacity
- Optional pedestal version enables installation with a lockable local breaker for disconnecting purposes

# **Applications**



#### Fleet

For fleet managers who wish to grow their EV fleets without expanding their electrical infrastructure while maintaining the operational costs at an affordable level.



#### Workplace

For companies looking to offer an EV charging service to their employees, and looking for a solution that can evolve at the same rate as the demand for the service while maintaining reasonable installation and operation costs.

## **Available configurations**

#### CoRe+ Max



Wall-mounted



Single pedestal



Back-to-back pedestal



# **Dimensions and customization**

Every charging station includes easily customizable branding areas.

The CoRe+ comes in its original colour, which can be modified with your custom signage.

#### Customizable partner panel area

Dimensions (H x W): 30" (760 mm) x 4.72" (120 mm)



## **Technical specifications**

Product	CoRe+ Max
Aluminum casing	NEMA 4X
Charging connector	SAE J1772
Cable	7.62 m / 25'
Electrical load	Standard: 24 to 80 A @ 208 VAC or 240 VAC for each charging station, adjustable via a rotary switch
Charging power	1.2 kW to 19.2 kW (maximum configurable by software)
Output current	6A to 80A (maximum configurable by software)
Integrated GFCI	20 mA, auto reset (3 attempts at 15-minute intervals)
Frequency	60 Hz
Operating and storage temperature	-40 °C to 50 °C / -40 °F to 122 °F
Weight	Charging station: 9.5 kg / 21 lb Pedestal: 14.5 kg / 32 lb
Humidity	Up to 95% (non-condensing)
Card reader	ISO 14443 A/B, ISO 15693, NFC
Communication interface	ZigBee - IEEE 802.15.4 meshed network
Networking	Cellular – 4G/LTE (gateway is installed separately for optimal performances)
Pending Certifications	CSA certified for Canada and United States Complies with UL 2594, UL 2231-1, UL 2231-2 Energy Star certified
EMC compliance	USA - FCC 47 CFR 15, class A CAN - ICES-3 (A) / NMB-3 (A)



