

## GENERAL NOTES

ALL EQUIPMENT SHALL BE INSTALLED AND LABELED IN ACCORDANCE WITH THE 2017 NATIONAL ELECTRICAL CODE AND ALL APPLICABLE REQUIREMENTS OF THE SERVING ELECTRIC UTILITY COMPANY AND THE AUTHORITY HAVING JURISDICTION. ALL LABELS SHALL BE APPLIED SECURELY WITH RIVETS.

UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC, EXCEPT AS NOTED OTHERWISE ON THE DRAWING. EXPOSED CONDUIT SHALL BE EMT, ENT OR RMC AS REQUIRED FOR THE ENVIRONMENT IN WHICH IT IS INSTALLED.

ALL OCPDS, CONDUCTORS AND CONDUIT SIZES STATED HERE ARE PROVIDED BY CHARGEPOINT FOR REFERENCE ONLY. SITE SPECIFIC WIRE SIZING SHALL BE PERFORMED BY THE INSTALLATION CONTRACTOR TAKING INTO ACCOUNT LOCAL CONDITIONS AND CODES/ STANDARDS. ALL CONDUCTORS SHALL BE COPPER.

ALL LOCATIONS SHOWN ARE APPROXIMATE AND EXACT LOCATIONS DETERMINED AT TIME OF CONTRACTOR CONSTRUCTION SUBMITTAL DOCUMENTS.

CONTRACTOR SHALL PERFORM GPR AND TAKE ALL NECESSARY PRE-CAUTIONS TO WORK AROUND EXISTING UTILITIES. ALL PPE SHALL BE WORN AT ALL TIMES WHILE WORKING AROUND ENERGIZED EQUIPMENT. CONTRACTOR SHALL HAVE APPROPRIATE LICENSE WITH STATE.

TYPICAL SINGLE LINE SHOWN. SINGLE LINE MAY VARY DEPENDING ON PROJECT REQUIREMENTS AND/OR RESTRICTIONS.

MAX CONDUIT AND WIRE SIZES CALLED OUT IN DESIGN.

## NEW WORK KEYNOTES

- ① • LISTING AGENCY NAMES AND NUMBERS TO BE INDICATED ON ALL ELECTRICAL EQUIPMENT PER NEC 110.3(B).
- ② • EQUIPMENT MAY OR MAY NOT BE PRESENT IN FINAL DESIGN.
- ③ • NEC 625.43 DISCONNECTING MEANS. FOR EQUIPMENT RATED 60A OR MORE THAN 150V TO GROUND, DISCONNECTING MEANS SHALL BE PROVIDED IN ACCORDANCE TO NEC 110.22, 110.25, AND 110.58.

## LEGEND

- CPE- ## : CPE250 DISPENSER
- DCS- ## : DISCONNECT SWITCH
- SPEV- ## : EVSE DEDICATED SUB-PANEL

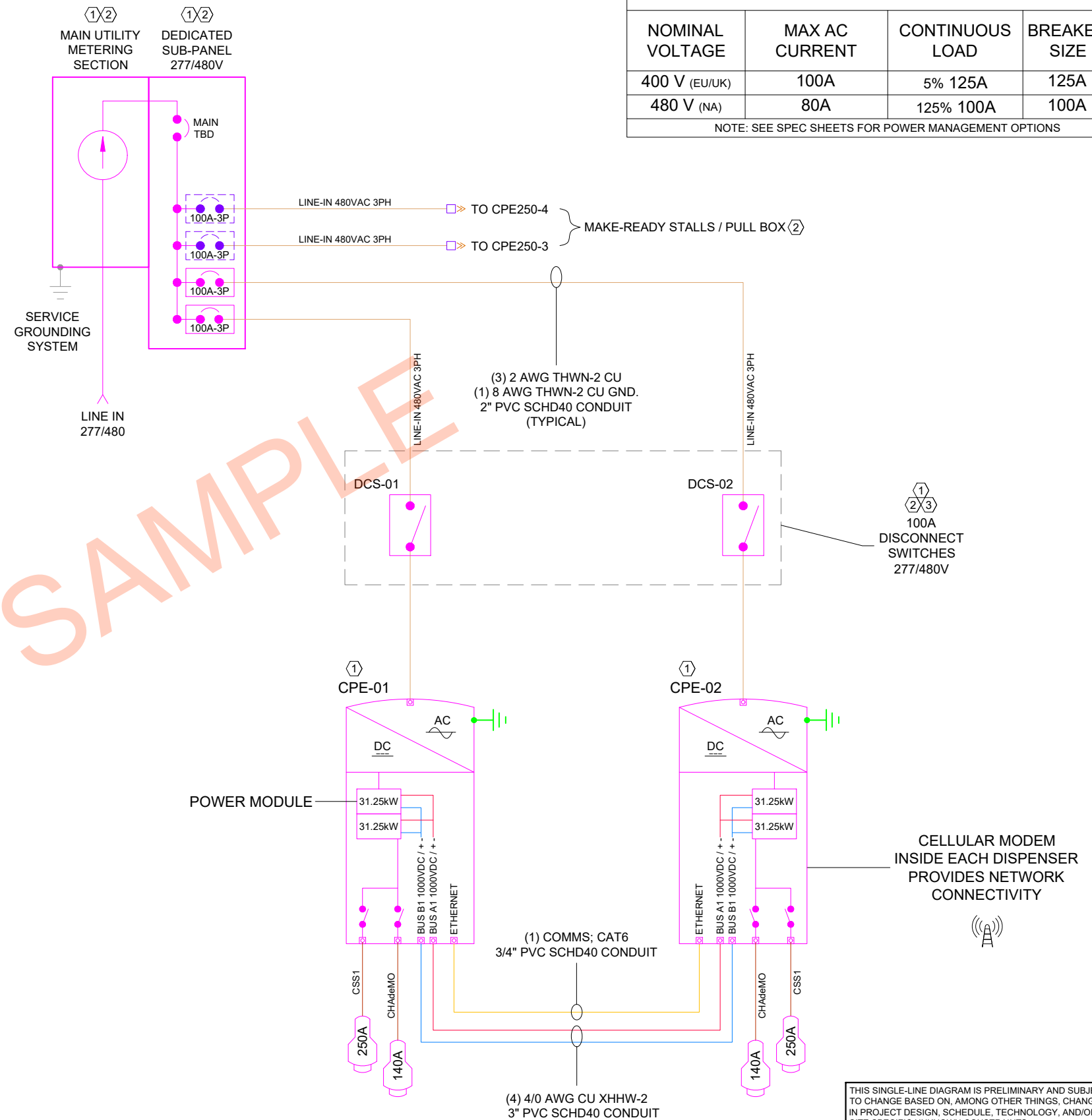
- 277/480VAC CONDUCTORS
- COMMUNICATION CABLE
- 1000VDC BUS A CONDUCTORS
- 1000VDC BUS B CONDUCTORS
- CHARGING CABLES
- NEW EQUIPMENT
- - - FUTURE EQUIPMENT

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## CPE250 BREAKER SELECTION

NOMINAL VOLTAGE	MAX AC CURRENT	CONTINUOUS LOAD	BREAKER SIZE
400 V (EU/UK)	100A	5% 125A	125A
480 V (NA)	80A	125% 100A	100A

NOTE: SEE SPEC SHEETS FOR POWER MANAGEMENT OPTIONS



THIS SINGLE-LINE DIAGRAM IS PRELIMINARY AND SUBJECT TO CHANGE BASED ON, AMONG OTHER THINGS, CHANGES IN PROJECT DESIGN, SCHEDULE, TECHNOLOGY, AND/OR SITE SPECIFIC UNKNOWN CONSTRAINTS.

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PROJECT: CHARGEPOINT SINGLE-LINE DIAGRAMS

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BY: DATE  
PGS: 03/01/2022

REVISIONS  
REV. DESCRIPTION  
A SINGLE LINE DIAGRAM PAIRED CPE250 (4) CPE250's

DWG TITLE:  
**PAIRED CPE250 SINGLE LINE DIAGRAM**

SCALE: NTS  
PRINT DATE: 3/1/2022  
DWG#: CPE250-E-6004.A



SCALE PRINT AT 11"x17"