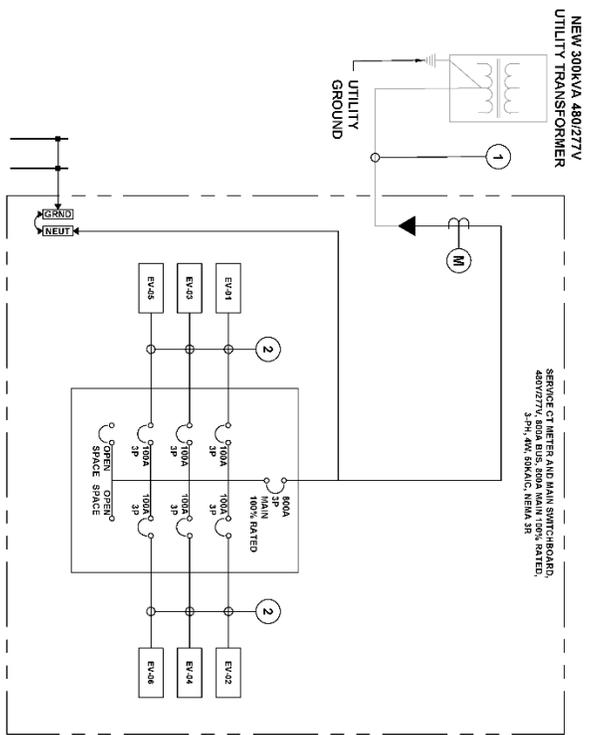


EXHIBIT A

PRELIMINARY DESIGN
SCALE: 1" = 20'



- NOTES:**
- CONTRACTOR TO FIELD VERIFY MAIN FEED BREAKER SUPPORTING DISTRIBUTION PANEL IS APPROPRIATELY SIZED TO SUPPORT THE LOAD. CONTRACTOR SHALL CONTACT THE ENGINEERING TEAM IMMEDIATELY IF BREAKER IS FOUND TO BE INSUFFICIENT.
 - CONDUCTOR LENGTHS ARE ESTIMATES ONLY. LENGTHS ARE BASED ON DIAGRAMMATICAL MEASUREMENTS AND APPROXIMATED BURIED DEPTHS. THE EXACT ROUTING PATH, CONDUCTOR RUN LENGTHS AND INSTALLATION SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD BASED ON EXISTING SITE CONDITIONS AND PHYSICAL MEASUREMENTS. CONTRACTOR TO ORDER CONDUCTOR BASED ON FIELD MEASUREMENTS.
 - CHARGING UNITS ARE EQUIPPED WITH AN INTEGRATED CONTACTOR TO PREVENT BACK FEEDING OF POWER TO THE SOURCE.
 - LOAD LIMITING FUNCTION OF CHARGERS SHALL BE CONFIGURED AS NEEDED SUCH THAT THE TOTAL LOAD OF ALL CHARGERS DOES NOT EXCEED PANEL RATINGS OR UTILITY TRANSFORMER CAPACITY.

CIRCUIT NOTES

NO	FROM	TO	CONFIGURATION
1	UTILITY TRANSFORMER	SERVICE CT METER AND MAIN SWITCHBOARD	SEE P&E UTILITY DRAWINGS
2	SERVICE CT METER AND MAIN SWITCHBOARD	LEVEL 3 EV CHARGER	1-1/2" BELOW GRADE SCH40 PVC WITH (3) #3 AWG CU THWLN, 2, (1) #8 AWG CU THWLN, 2 GROUND CONDUCTOR

AC RUN MAXIMUM LENGTH IS 400' INCLUDING BURIED DEPTH. ANY AC RUN LENGTHS BEYOND THIS MAXIMUM SHALL BE ADDRESSED WITH THE APPROPRIATE ENGINEERING TEAMS AS SOON AS THE SITUATION ARISES.

MAXIMUM AC VOLTAGE DROP (%)	1.1%
AVERAGE AC VOLTAGE DROP (%)	0.9%

EXHIBIT A

	Blair, Giffen, & Chynm CONSULTING ENGINEERS 1000 Broadway Suite 400 Oakland, CA 94612 Tel: 415.778.2200 Fax: 415.778.2200	CONSULTANT BRNWN BY: CYNTHIA NAVA CHECKED BY: MARIANA PAVLENKO DATE: 02/12/2021 SCALE AS NOTED	SHEET NO. 3 OF 3 SHEETS
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