SERVICE LOAD CALCULATION

NEW INSTALLED FLA OF EV STATION x number of stations x demand 37.4 s.y. 100 = 111 AMPS FULLIE EV CHARGERS x number of stations z demand 37.4 0 x.1 00 = 0 AMPS

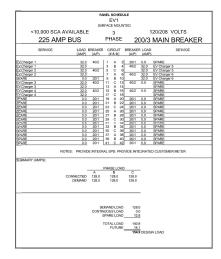
111 x1 25 = 139 AMPS @ 2087 3-PHASE = 61 AMPS @ 4807 3-PHASE

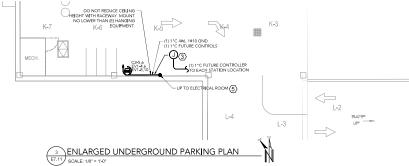
450V EMSTING MAX DEMAND + NEW LOAD 306 + 61 = 376 AMPS

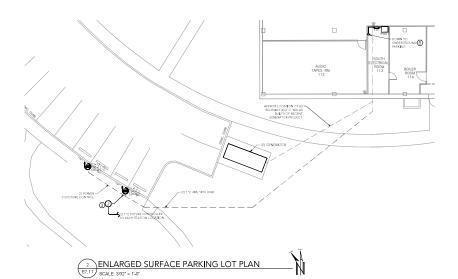
EXISTING MOP = 1200 AMPS

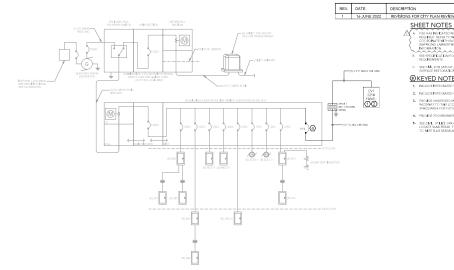
376 < 1200 AMPS ON 480V 3-PHASE SERVICE 376 < 1000 AMPS ON 480V 3-PHASE 650KW BUILDING SERVICE GENERATOR

SERVICE LOAD IS NOT GREATER THAN EXISTING SERVICE.

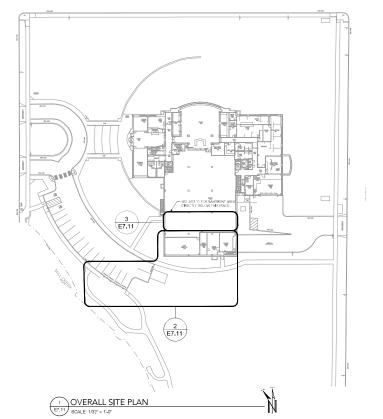








4 ELECTRICAL ONE-LINE SCALE: NTS



SHEET NOTES

PGE HAS INDICATED NO UTILITY WORK AT THE SITE!
EEQURED. SEPER TO WORK GROSE RUMBER MITTON
COORDINATE WITH ARYMODIC LAMBERT
MANUSCH LAMBERT FOR COMITOR ADDITIONAL
SEC SPECIFICATION FOR INTEGRATED PANEL METER
RECOLEMBERS.

C SEE CHIL FOR LAYOUT, SIGNAGE, TRENCHING, AND SURFACE RESTORATION.

∌KEYED NOTES

2 INCLUDE INTEGRATED CUSTOMER METER

PROVIDE UNDERGROUND J-BOX AND ROUTE CONT PACEMAY TO THIS LOCATION PROVIDE ENGUGH SPACE/AREA FOR FUTURE KIOSK/USER INTERFACE

4. PROVIDE 70/3 BREAKER IN (E) MOP

SEE CIVIL UTILIZE GRICOR OTHER METHOD TO FIELD LICCATE SLAB REBAR FIELD ADJUST HOLE LOCATIONS TO MISS SLAB REBAR AND FLOOR BEAMS

OREGON DEPT. OF ADMINISTRATIVE SERVICES
PARKING LOT UPGRADE PROJECT
ARCHIVES BUILDING PARKING STRUCTURE & LOT
800 SUMMER STREET NE, SALEM OREGON

JOB NO. 20-108 April 4, 2022

CHECKED BY MJC

^⁵E7.11

CONFORMED SET - 04 OCT 2022