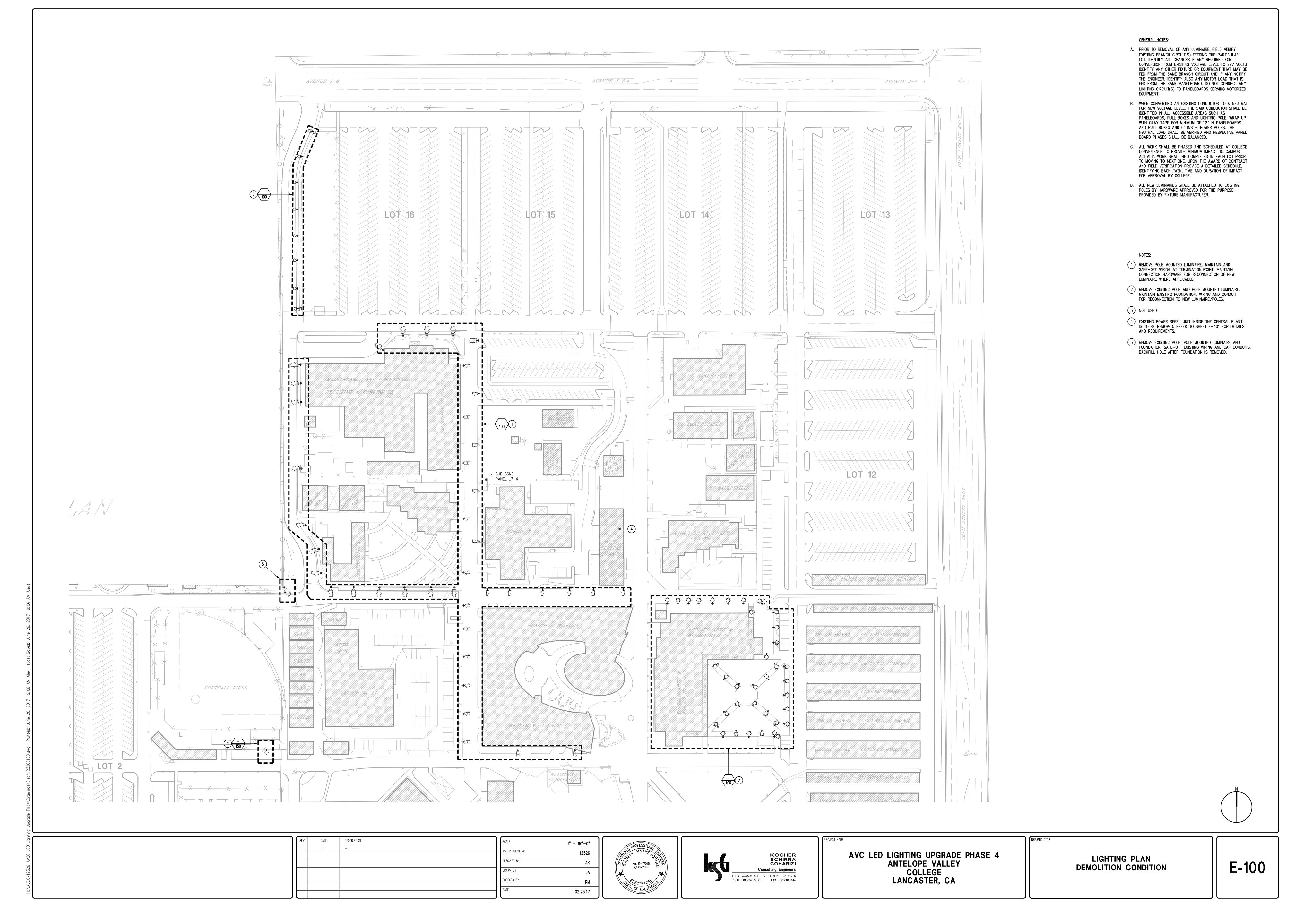
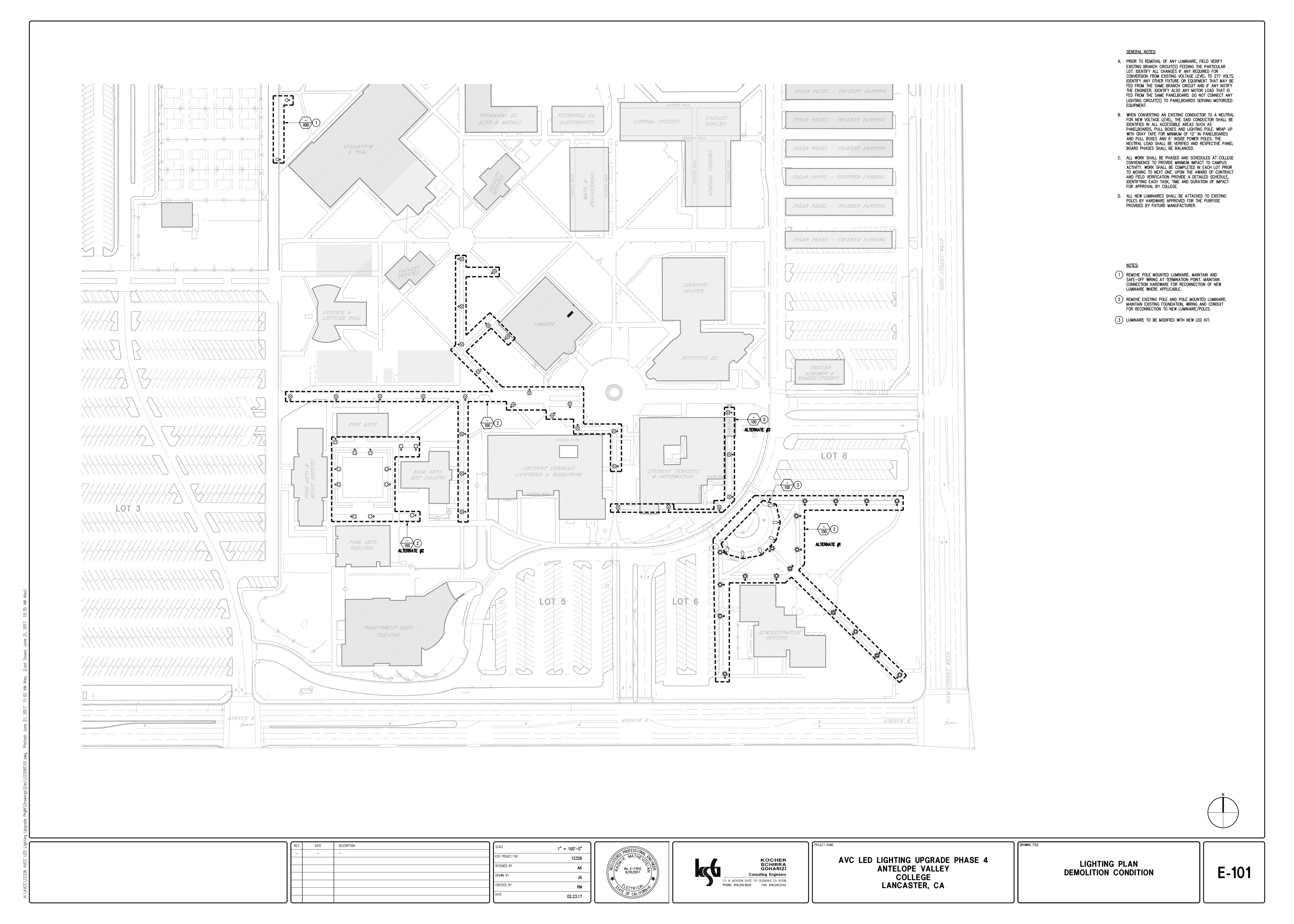
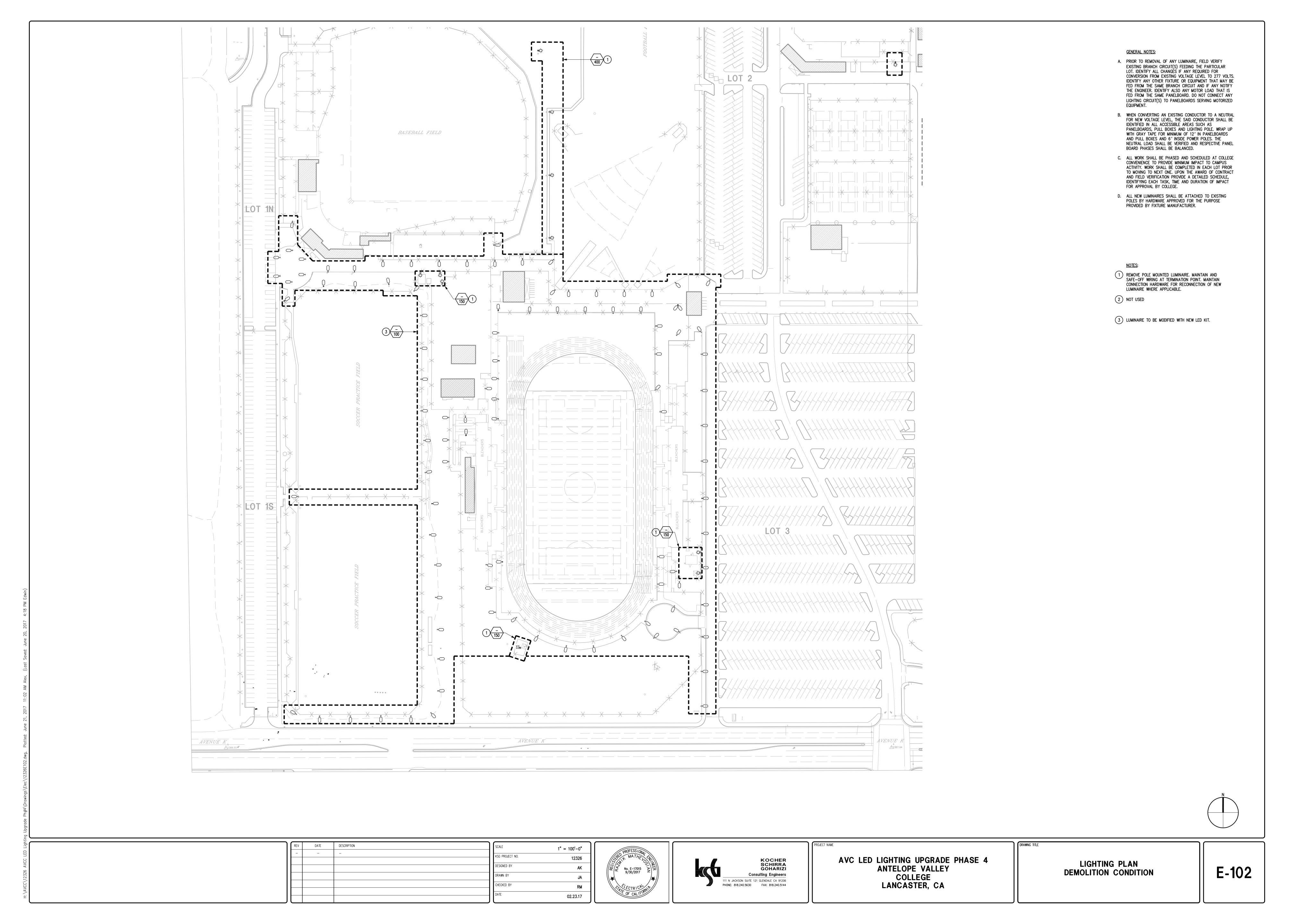


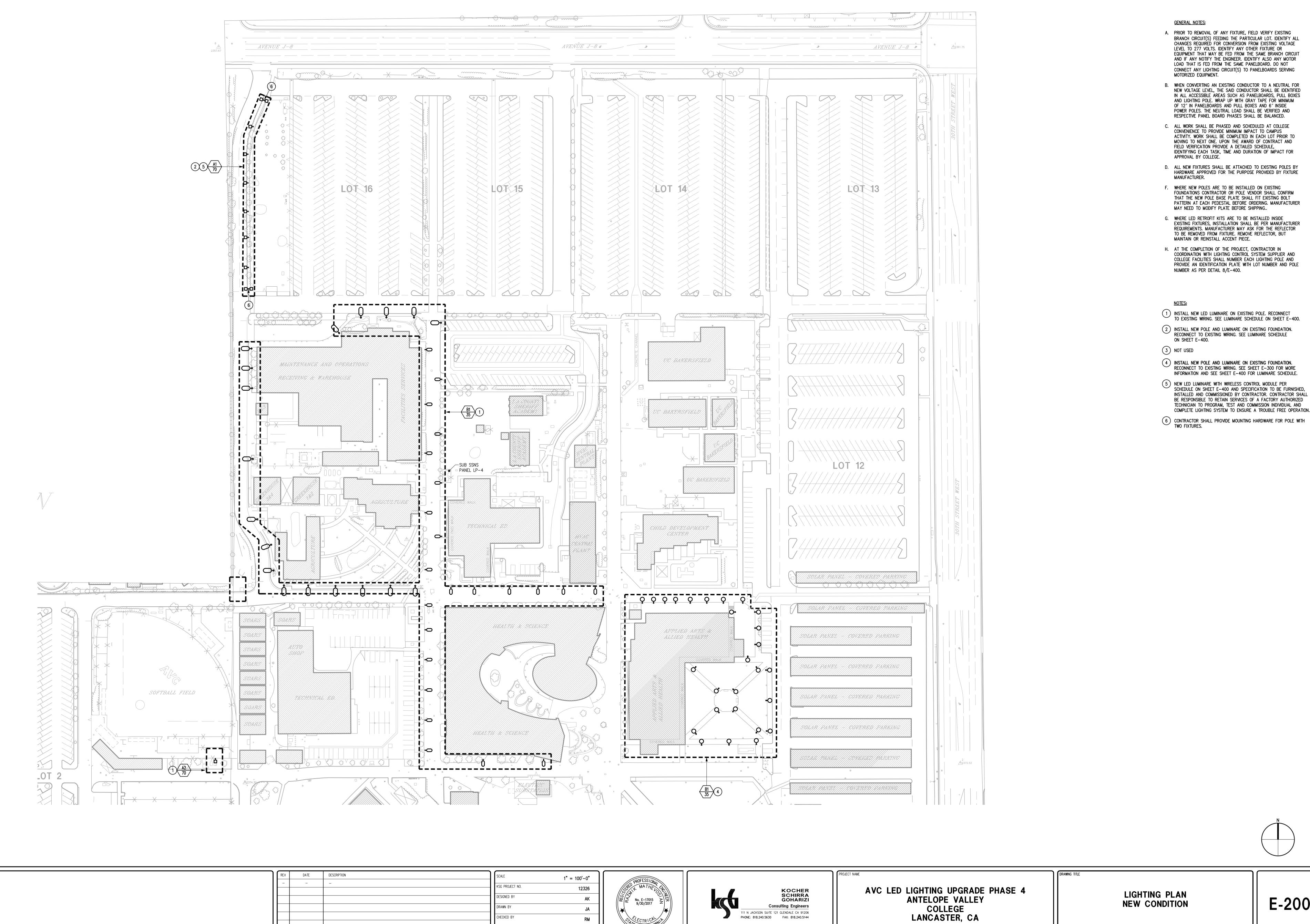
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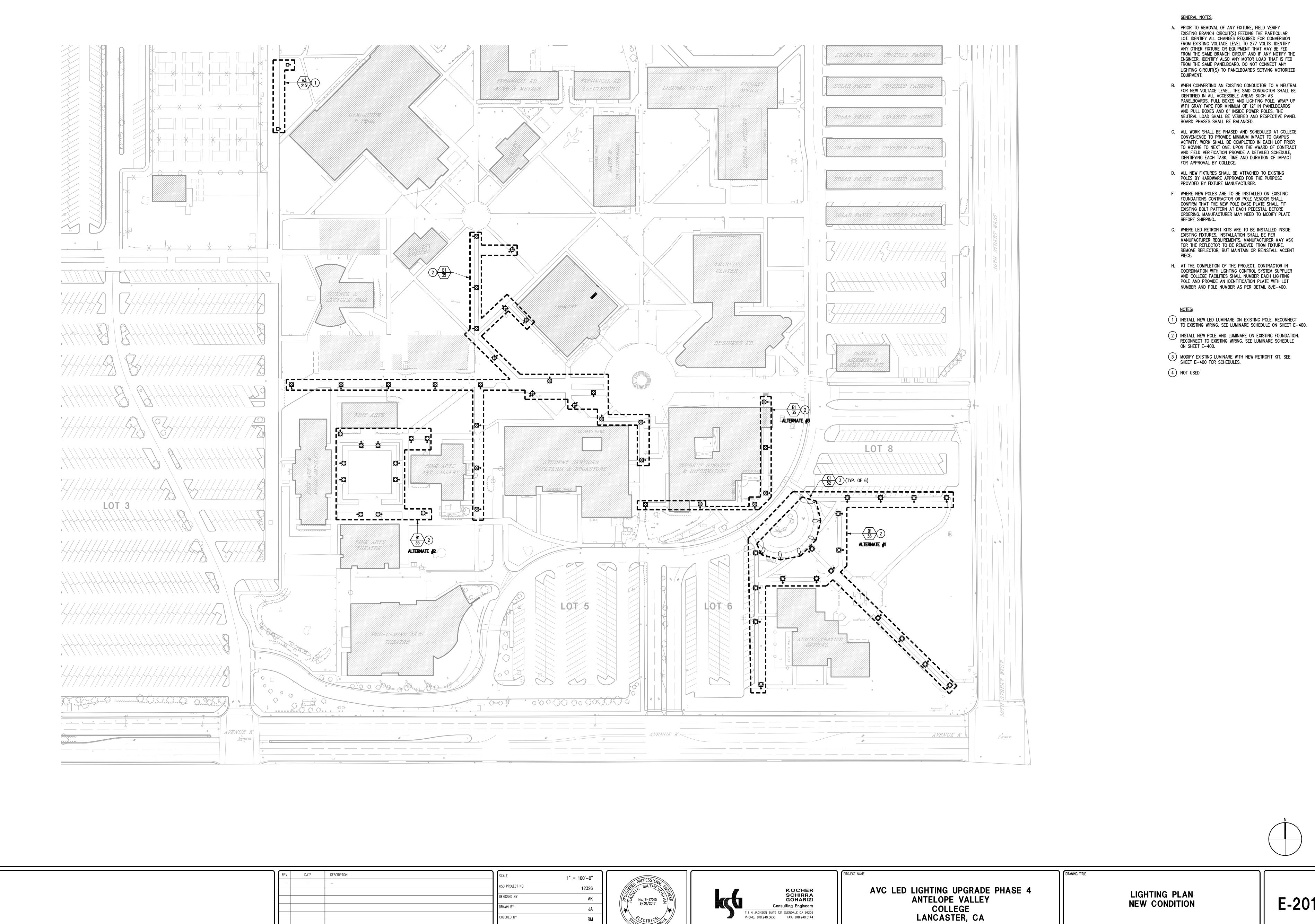
LANCASTER, CA





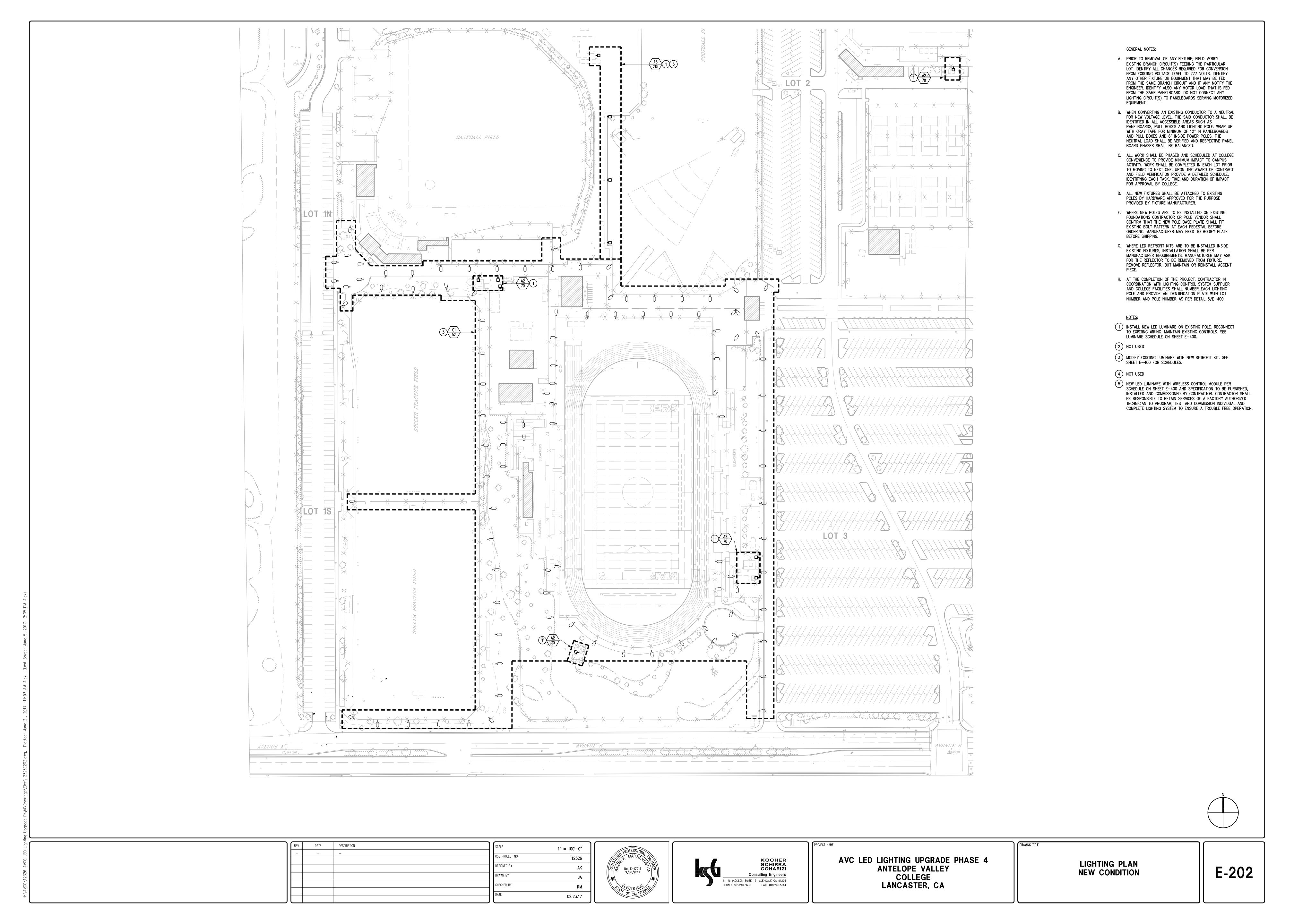


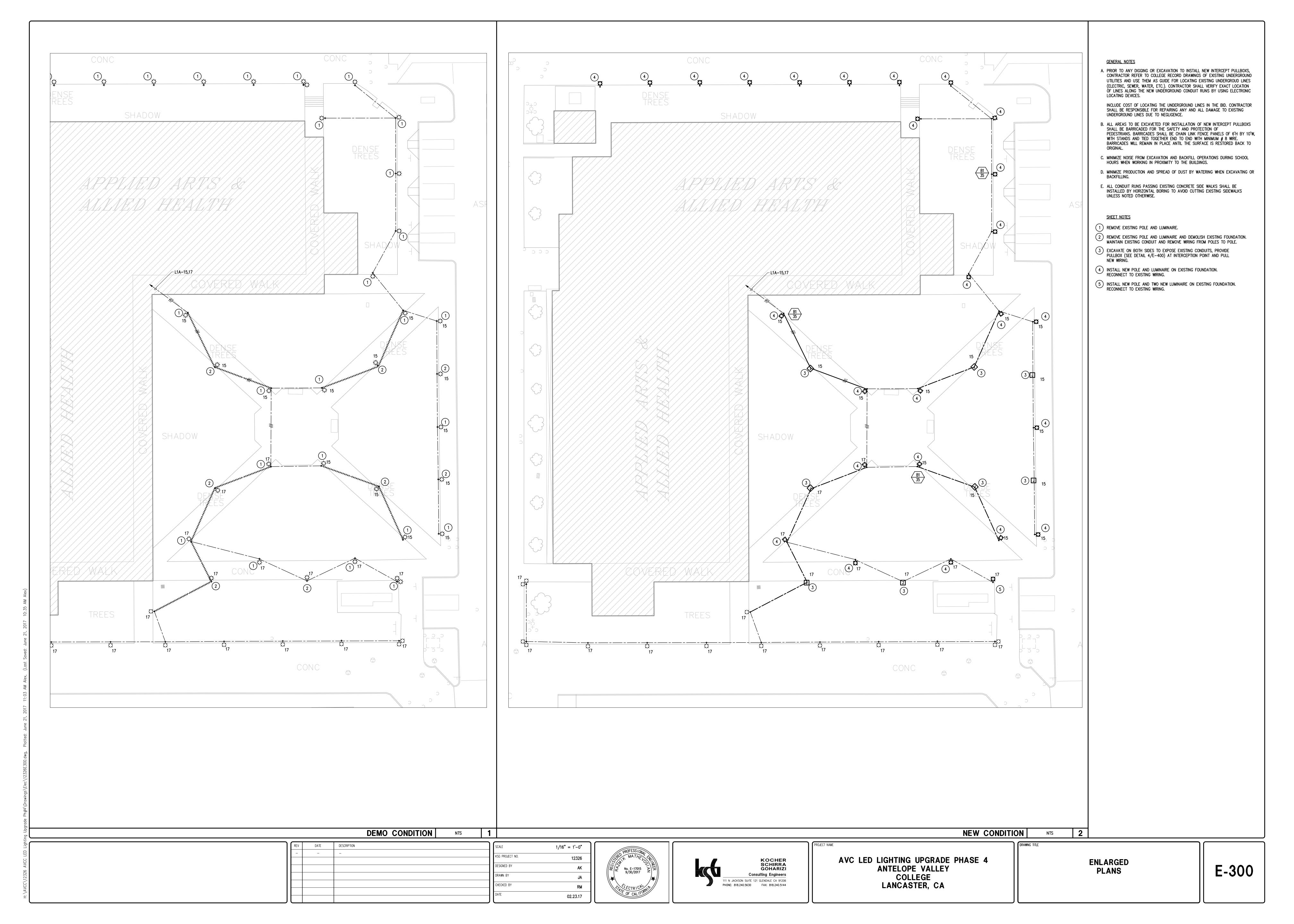


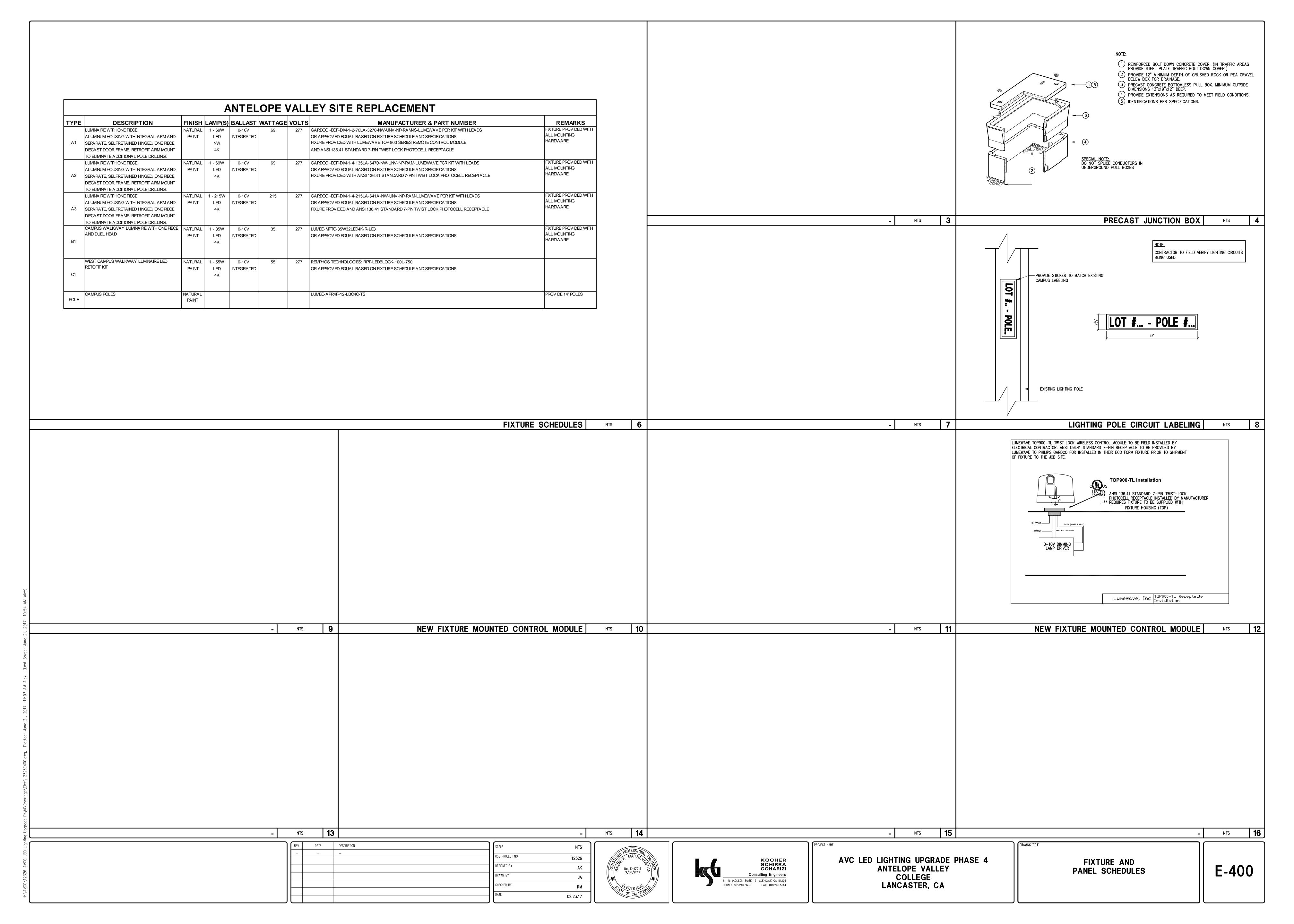


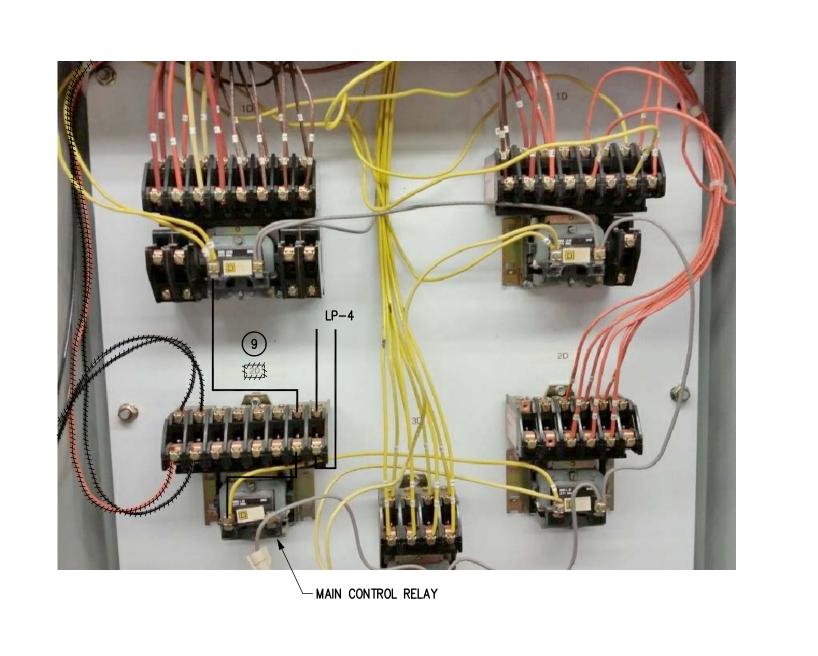
CHECKED BY

111 N JACKSON SUITE 121 GLENDALE CA 91206 PHONE: 818.240.5630 FAX: 818.240.5144





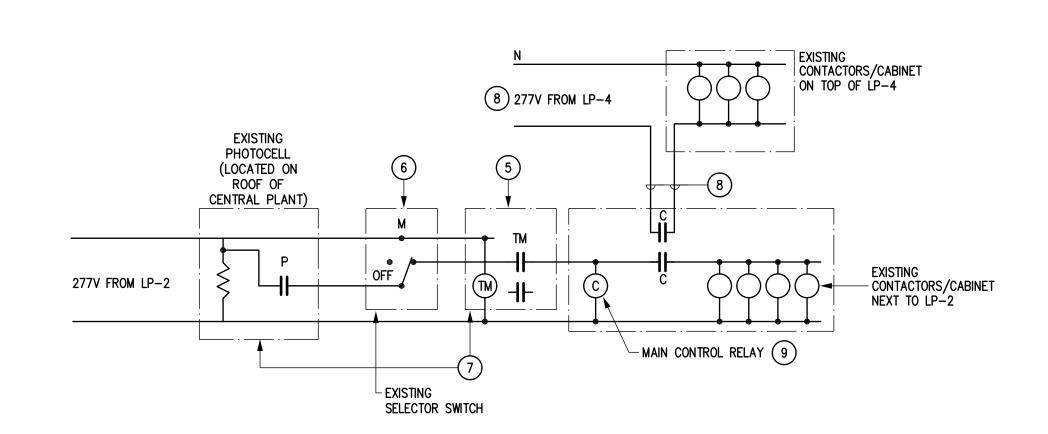


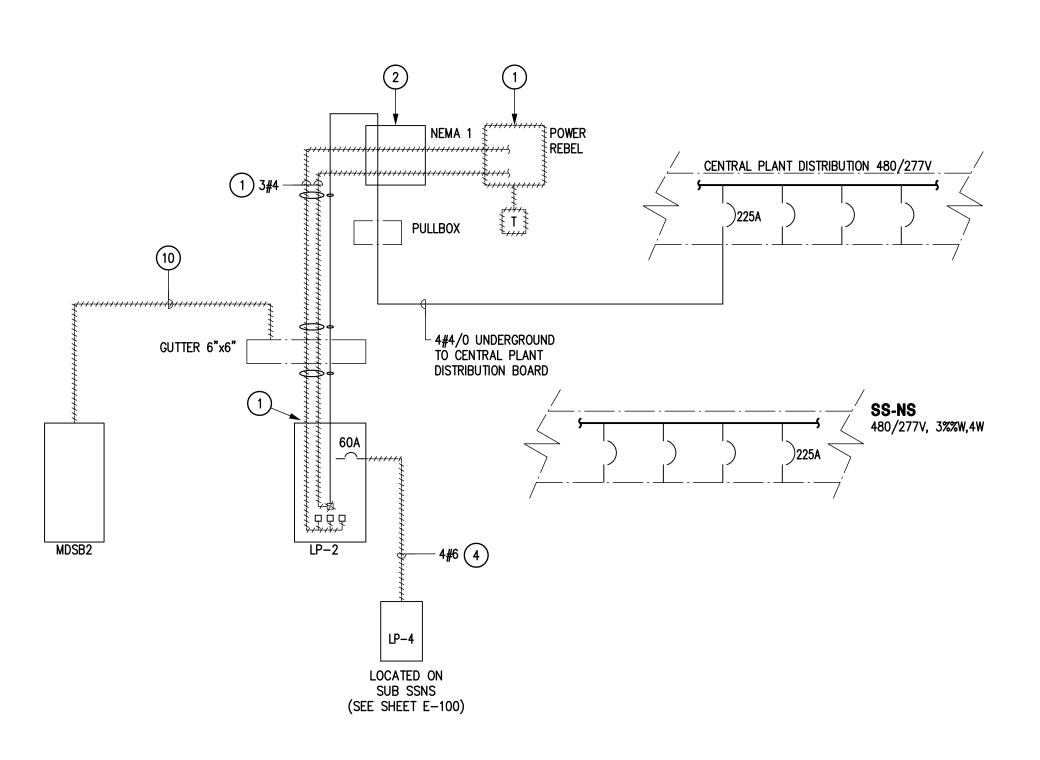




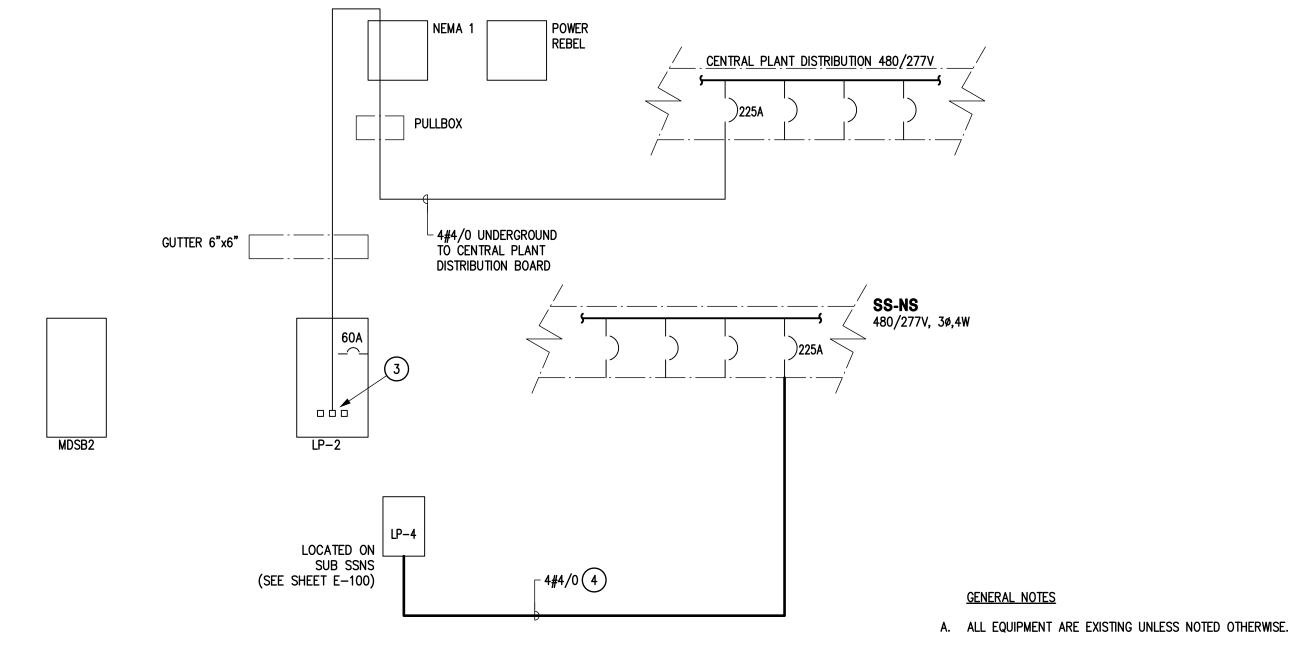
CONTACTOR CABINETS LP-2

CONTACTOR CABINETS AND BYPASS SWITCH





DEMOLITION CONDITION



NEW CONDITION

SHEET NOTES

EXISTING POWER REBEL ASSOCIATED TRANSFORMER IS TO BE REMOVED. DISCONNECT AND REMOVE ALL WIRING INCLUDING CONTROL WIRING (NOT SHOWN) TO THE EXTENT

2 REMOVE ANY CONDUIT WORK BETWEEN POWER REBEL AND THE EXISTING NEMA PULL BOX. PROVIDE KNOCKOUT SEAL FOR OPENINGS AS REQUIRED.

CONNECT EXISTING 4/0 CONDUCTORS DIRECTLY TO PANELBOARD MAIN LUGS. IN NEW CONDITIONS PANELBOARD WILL BE FED DIRECTLY FROM THE DISTRIBUTION PANELBOARD IN THE NEW CENTRAL PLANT. PROVIDE A BREAKER IDENTIFICATION PLATE MATCHING PANELBOARD ID AT THE DISTRIBUTION BOARD.

REMOVE EXISTING WIRING BETWEEN LP-2 PANELBOARD AND THE LP-4 PANELBOARD AT THE SS-NS SUBSTATION. PROVIDE NEW WIRING BETWEEN THE LP-4 AND THE EXISTING CIRCUIT BREAKER IDENTIFIED AS LP-4 IN THE SUBSTATION.

5 PROVIDE AND INSTALL A NEW 365-DAY ASTRONOMIC TIME CLOCK IN NEMA 3R ENCLOSURE IN PROXIMITY OF LP-2 PANELBOARD.

ONLY ONE PHOTO CELL AND BYPASS SWITCH IS TO BE FUNCTIONAL FOR CONTROL OF LIGHTING. REMOVE OBSOLETE SELECTOR SWITCHES AND SEAL ANY UNUSED OPENINGS.

7 EXISTING PHOTO CELL AND NEW TIMER ARE TO CONTROL LIGHTING CONTACTORS IN EXISTING CABINETS AT LP-2 AND LP-4.

8 TRACE AND IDENTIFY 277 CONTROL CIRCUIT FROM LP-4 PANEL AND PROVIDE FOR REQUIRED MODIFICATIONS AS SHOWN.

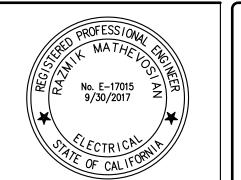
9 PROVIDE A WARING SIGN INSIDE CABINET ON TOP OF MAIN CONTROL RELAY READING: "WARNING TWO CIRCUITS FROM DIFFERENT SOURCES ARE CONTROLLED BY THIS CONTACTOR".

SINGLE LINE DIAGRAM

(10) REMOVE EXISTING OBSOLETE WIRING.

12326 CHECKED BY

EXISTING LIGHTING CONTROL WIRING



3



AVC LED LIGHTING UPGRADE PHASE 4 ANTELOPE VALLEY

COLLEGE

LANCASTER, CA

NORTH CENTRAL PLANT POWER REBEL REMOVEL

E-401

02.23.17