BASIS OF PHOTOMETRIC CALCULATIONS:

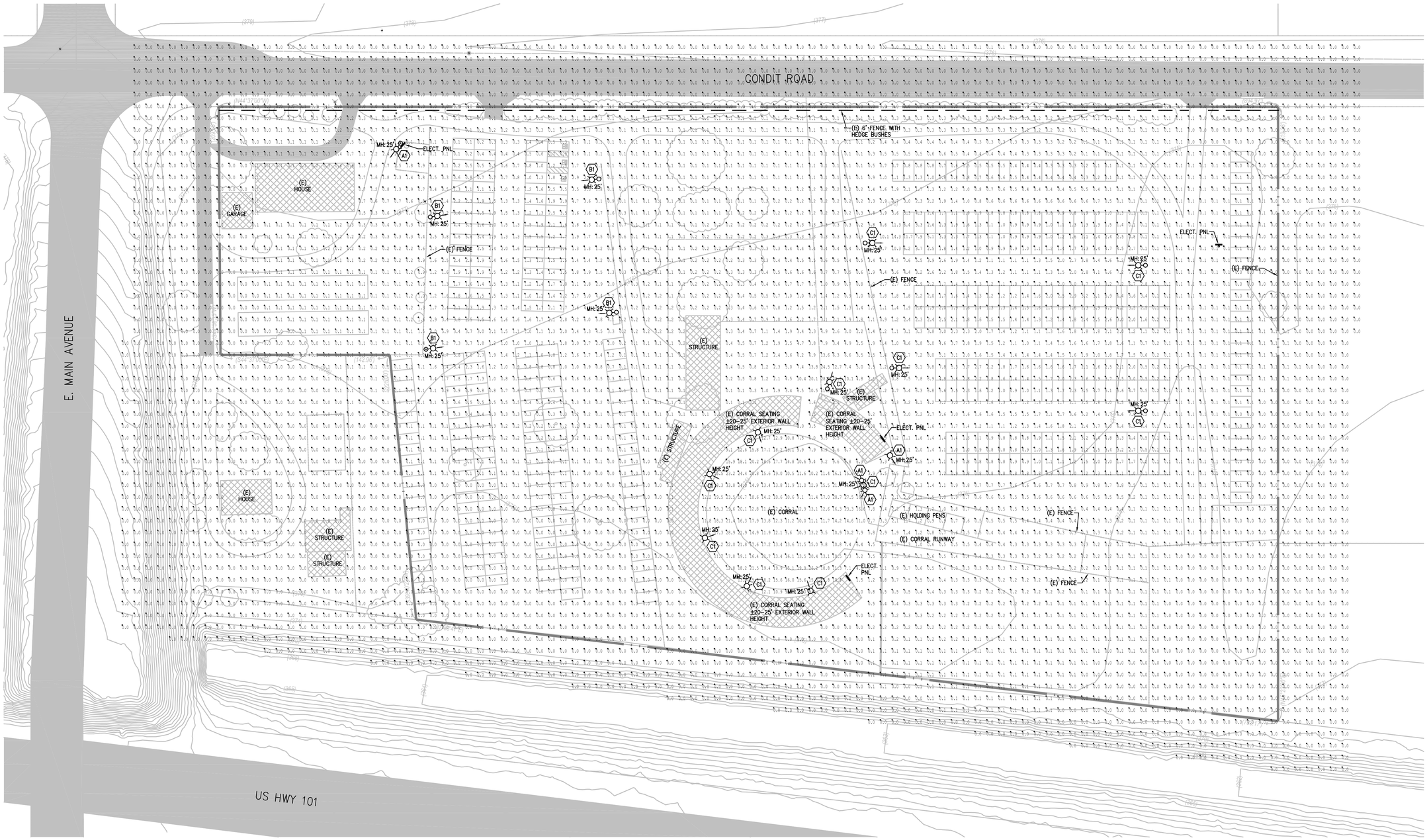
- MANUFACTURE INFORMATION WAS NOT AVAILABLE FOR THE EXISTING LIGHT FIXTURES.
- THE EXISTING LIGHT FIXTURE WATTAGES WERE DETERMINED BY MEASURING THE VARIOUS LIGHTING CIRCUIT LINE CURRENTS. BASED ON MEASURED LINE CURRENTS THE EXISTING FIXTURE WATTAGES WERE DETERMINED TO BE 250WATT, 400WATT, AND 1000WATT.
- BASED ON AVAILABILITY OF PHOTOMETRIC DATA FILES A SIMILAR FLOOD LIGHT WAS SELECTED AND THE IES PHOTOMETRIC DATA FILE WAS SCALED FOR THE PHOTOMETRIC CALCULATIONS TO CORRESPOND TO THE VARIOUS LIGHT FIXTURE WATTAGES LUMEN OUTPUT.
  SCALING WAS AS FOLLOWS:
  250W = 22,000LU
  400W = 36,000LU
  1000W = 115,000LU
- 0.85 LIGHT LOSS FACTOR WAS USED FOR THE PHOTOMETRIC CALCULATIONS.

LIGHTING FIXTURE SCHEDULE

TAG.	DESCRIPTION
A1	ESTIMATED FIXTURE WATAGE 250W; MH MTG HT: 25FT STYLE: POLE YOKE MOUNT FLOOD LUMEN OUTPUT: 22,000
B1	ESTIMATED FIXTURE WATAGE 400W; MH MTG HT: 25FT STYLE: POLE YOKE MOUNT FLOOD LUMEN OUTPUT: 36,000
C1	ESTIMATED FIXTURE WATAGE 1000W; MH MTG HT: 25FT STYLE: POLE YOKE MOUNT FLOOD LUMEN OUTPUT: 115,000

PROJECT INFORMATION:
APN: 728-21-009

OWNER: OFELIA MCCAIN
7640 FILLICE DRIVE, GILROY CA
PH: 408-375-2711
OFIEMCCAIN@GMAIL.COM



1 PHOTOMETRIC SITE PLAN
SCALE: 1" = 40'-0"

40 0 40 80
SCALE: 1" = 40'-0"

PHOTOMETRIC SITE PLAN

PROPRIETARY DATA
THE USE OF THE PLANS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED, PUBLICATION OF THE PLANS, EXPRESSLY LIMITED TO SUCH USE, REUSE, REPRODUCTION OR PUBLICATION BY ANY ENTITY OTHER THAN THE OWNER IS PROHIBITED. TITLE TO THE PLANS AND SPECIFICATIONS REMAINS IN THE OFFICE OF CENTRAL PACIFIC ENGINEERING. WHETHER THE PROJECT FOR WHICH THE PLANS AND SPECIFICATIONS ARE PREPARED IS EXECUTED OR NOT, THE SUBMITTAL OF THE PLANS AND SPECIFICATIONS FOR CONTACT WITH THEIR CONSTITUTES PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.
CENTRAL PACIFIC ENGINEERING, INC.
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REGISTERED PROFESSIONAL ENGINEER
DAVID GRANT SMITH
12-30-22
E 13492
EXPIRATION DATE: 09-30-24
ELECTRICAL
STATE OF CALIFORNIA

Central Pacific Engineering, Inc.
Professional Engineers
9035 Soquel Avenue, Suite 205
Santa Cruz, CA 95062
831-476-1525
CPE JOB #

REV.	DESCRIPTION	DATE
A		
B		
C		
D		
E		
F		

TITLE: **McCAIN - PHOTOMETRIC SITE PLAN**
LOCATION: CONDIT ROAD
APN 728-21-009
OWNER:

DR.	DATE	CHK.	APPD.	SCALE
SLM	12/30/22	DGS	DGS	AS NOTED

JOB NO. 22-063-0
DWG. NO. **EL1.00**
SH 1 OF 1
REV. 0