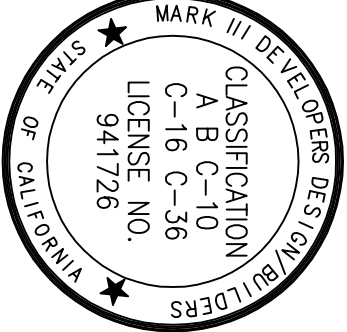


The power of one.

GENERAL CONTRACTOR: FIRE PROTECTION, ELECTRICAL, MECHANICAL, PLUMBING, AND CONSTRUCTION
5101 FLORENCE PERKINS RD. SACRAMENTO, CA 95826
TEL: (916) 396-0283 FAX: (916) 396-0283
C.A. LUTZKE



CHICAGO TITLE T.I.
3127 TRANSWORLD DRIVE
STOCKTON, CA
for CABLE & KILPATRICK DEVELOPMENT, INC.

ELECTRICAL
ONE-LINE
DIAGRAM/
SYMBOLS LIST

REVISIONS:

NO.	DATE	DESCRIPTION

SD JOB NO.: **2109**
DATE: **05-05-10**
CHECKED BY: **JG**

E0.1

SYMBOLS LIST

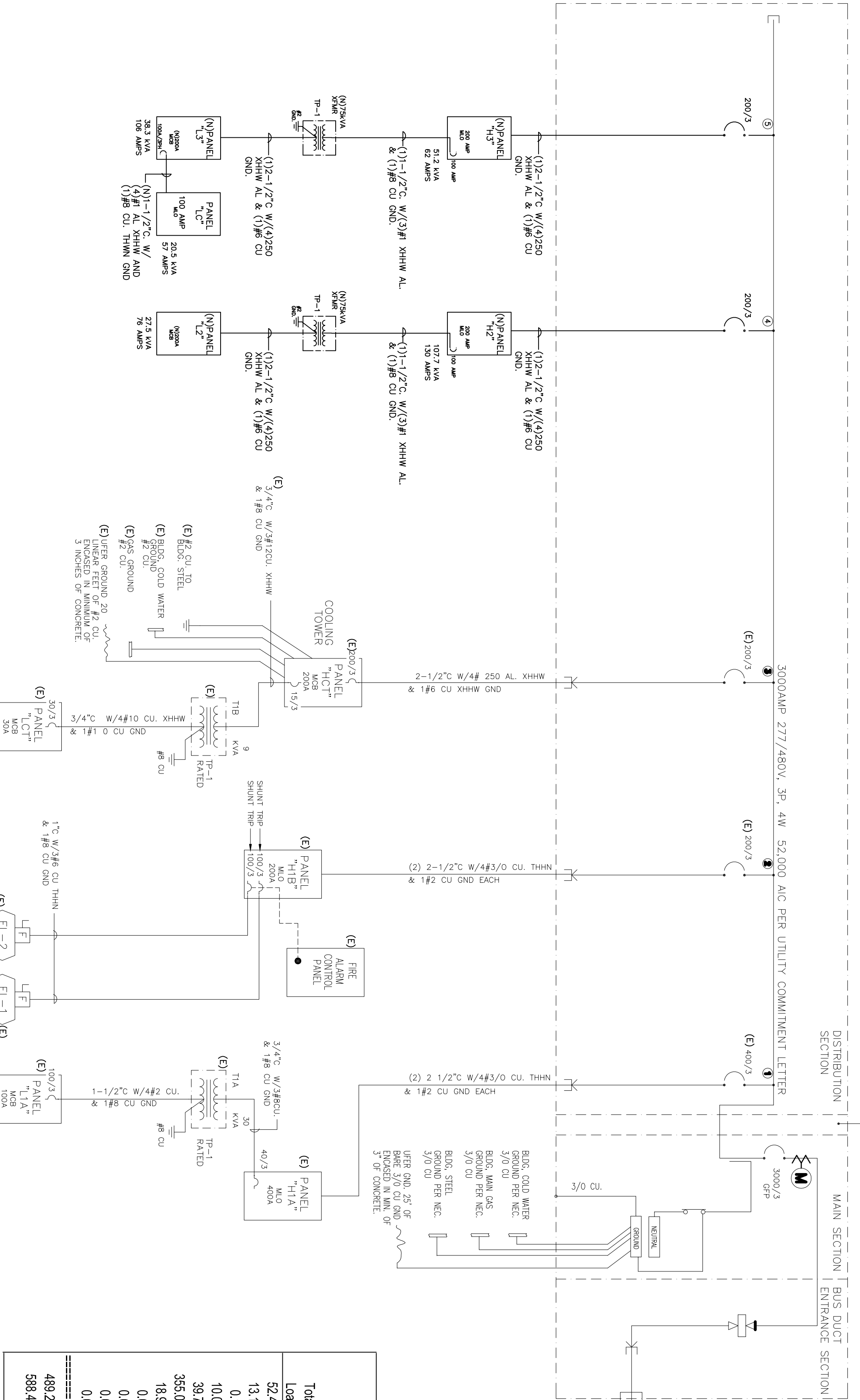
SYMBOL	DESCRIPTION
○	MECHANICAL EQUIPMENT ID TAG - MERS
①	NUMBERED NOTE SYMBOL ON SAME SHEET
②	DETAIL DESIGNATION FOR LETTER INDICATES DETAIL BOTTOM LETTER INDICATES SHEET NUMBER
③	FIXTURE DESIGNATION, DENOTES FIXTURE TYPE
④	TERMINAL BOARD TAG #249334" 2" W/3000 BACKBOARD W/ POLYURETHANE CHEM-FACE AND (1) 3/8" Ø BUB
⑤	WALL MOUNTED SENSOR SWITCH, DUAL TECHNOLOGY
⑥	CEILING MOUNTED SENSOR SWITCH, ULTRASONIC
⑦	WALL MOUNTED SENSOR SWITCH, PASSIVE INFRARED POWER PACK, 120V
⑧	CIRCUIT CONCEALED IN CEILING OR WALL
⑨	EMERGENCY LIGHT WITH BATTERY BACK-UP
⑩	TANDEM FIXTURE, MASTER SLAVE MAKE-UP
⑪	HOME RUN TO PANEL BOARD OR TERMINAL CABINET
⑫	NEW 1/2" Ø W/3/8" Ø HOLE DRILLS AS NOTED
⑬	CONDUIT RISER
⑭	CONDUIT RISER DOWN
⑮	STUBBED CONDUIT
⑯	FLEX CONDUIT
⑰	CONDUIT
⑱	CONDUIT ONLY WITH PULL ROPE
⑲	EXISTING
Ⓜ	EMERGENCY BATTERY PACK
Ⓝ	EVENING LIGHT
Ⓞ	GROUND FAULT INTERRUPTER
Ⓟ	GROUND FAULT CIRCUIT INTERRUPTER
Ⓠ	GROUND FAULT PROTECTION PER NEC, ART. 230-95
Ⓡ	ISOLATED GROUND
Ⓢ	EMPTY CONDUIT WITH NYLON PULL ROPE
Ⓣ	SEE MECHANICAL PLANS AND SPECIFICATIONS
Ⓤ	NEW IN ELECTRICAL SECTION OF THESE PLANS
Ⓥ	MERS AND SPECIFICATIONS
Ⓦ	NIGHT LIGHT
Ⓧ	PROVISION FOR FUTURE BREAKER
Ⓨ	DEMO EXISTING
Ⓩ	EXISTING TO BE RELOCATED
Ⓛ	EXISTING TO REMAIN
Ⓜ	TELEPHONE TERMINAL BOARD
Ⓨ	UNLESS OTHERWISE NOTED
Ⓩ	WEATHER PROOF
Ⓛ	MOTOR MERS
Ⓧ	EXHAUST FAN - MERS
Ⓨ	NOTE: SYMBOLS INDICATES ABOVE MAY NOT NECESSARILY APPEAR AS PART OF THESE DRAWINGS IF NOT REQUIRED

GENERAL NOTES

- THESE GENERAL NOTES ARE INTENDED TO ASSIST THE CONTRACTOR IN THE PROPER INSTALLATION OF THE WORK. HOWEVER, THEY DO NOT COVER ALL SITUATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF ALL EQUIPMENT WITH ALL APPLICABLE CODES (CEC).
- DO NOT SCALE ELECTRICAL PLANS FOR DIMENSIONS, HEIGHT, OR ARCHITECTURAL FINISH. SEE FINISH SCHEDULES IN ARCHITECTURAL PLANS.
- ALL MATERIAL AND EQUIPMENT IS TO BE LISTED AND INSTALLED PER ARCHITECTURAL FINISH SCHEDULES.
- INSTALL ALL RECEPTACLE OUTLETS AT 1" UNLESS OTHERWISE INDICATED. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- MOUNT ALL TOGGLE SWITCHES AT 48" UNLESS OTHERWISE INDICATED.
- CONNECTIONS TO EQUIPMENT SHALL BE MADE PER THE MANUFACTURER'S INSTRUCTIONS.
- ALL SWITCHES, PANEL DEVICES, INDUSTRIAL CONTROL PANELS, AND OCCUPANCIES MUST BE LISTED TO REQUIRE EXAMINATION. ADJUSTMENT TO MEAN QUALIFIED PERSONS OF INDUSTRIAL ELECTRICAL AND FLASH HAZARDOUS ELECTRICAL SYSTEMS. EXAMINATION AND ADJUSTMENT SHALL BE COMPLETED BEFORE EXAMINATION. ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT. 2009 OCG ART. 101.6.
- ALL FEEDER/CONDUITS SPECIFIED ON PLANS ARE RATED AT 75% OF ITS RATING.

ELECTRICAL SCOPE:

EXISTING OFFICE SHALL TI.
RELOCATING OF OFFICE LIGHTING RECEPTACLES, MODULAR FURNITURE, TYPICAL BREAK ROOM KITCHEN APPLIANCES AND HVAC EQUIPMENT.



(E) MAIN SWITCHBOARD "MSB"

NEKA TR
(N) 3000V MAIN SWITCHBOARD, NEKA 1
480V/277VOLT, 3 PHASE, 4 WIRE
AVAILABLE FAULT DUTY PER UTILITY
COMMENTARY LETTER

LOAD CALCULATION
CHICAGO TITLE 24

Load	Description
32.4	KVA Continuous Non-Motor
13.1	KVA 25% Continuous Non-Motor
0.0	KVA Non-Continuous
10.0	KVA Receptacle (First 100VA)
39.7	KVA Receptacle (Balance at 50%)
35.0	KVA Motor Loads
16.9	KVA 25% of Largest Motor
0.0	KVA Kitchen Equipment
0.0	KVA Heating/Boiler Demand (NEC 220.11)
0.0	KVA Arc Welders (NEC 630.16, 210 FR)
0.0	KVA Resistance Welders (NEC 630.31b)
489.2	Load KVA (Per NEC)
588.4	Amps at 480V 3 Phase

ONE-LINE DIAGRAM

NO SCALE
480Y/277V VOLTS, 3 PHASE, 4 WIRE

CHICAGO TITLE OFFICE T.I.
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