

- SCOPE OF WORK:
1. EV CHARGERS - PROVIDE AND INSTALL THE FOLLOWING EQUIPMENT:

1. (40) NEW ESPEN STATION, SINGLE-PORT, PEDESTAL MOUNTED EV CHARGERS. (40 PORTS TOTAL)
2. ELECTRICAL EQUIPMENT - PROVIDE AND INSTALL THE FOLLOWING EQUIPMENT:

1. (1) 300A, 480/277V, 3P, 65kAIC BREAKER.

3. (1) STEP DOWN TRANSFORMER: 225KVA, 480VΔ-Y208/120V, 3φ, 42kAIC.

4. (1) FUSE DISCONNECT: 600A, 208/120V, 3P, 12kAIC HEAVY DUTY NEMA 1 ENCLOSURE.

5. (1) 600A, 208Y/120V, 3φ, 4W, 10kAIC PANELBOARD NEMA 1 ENCLOSURE.

6. (1) 600A, 208/120V, 3P, 10kAIC BREAKER.

7. (24) 40A, 208/120V, 2P, 10kAIC BREAKER.
4. STRIPING, STENCILS, SIGNS & BOLLARDS - PROVIDE AND INSTALL THE FOLLOWING:

1. (40) UDR EV STENCIL.

2. (42) TYP. PROTECTIVE BOLLARDS.

3. (40) UDR EV CHARGING SIGN.
5. NEW EV CHARGING STATIONS - NEW ELECTRICAL VEHICLE CHARGING STATIONS (EVCS) ON SITE ARE NOT AVAILABLE TO THE GENERAL PUBLIC. EVCS ARE INTENDED FOR USE BY A DESIGNATED VEHICLE ONLY.

- GENERAL NOTES:
1. ALL ELECTRICAL WORK SHALL BE DESIGNED PER CITY OF LOS ANGELES AND THE FOLLOWING CODES.

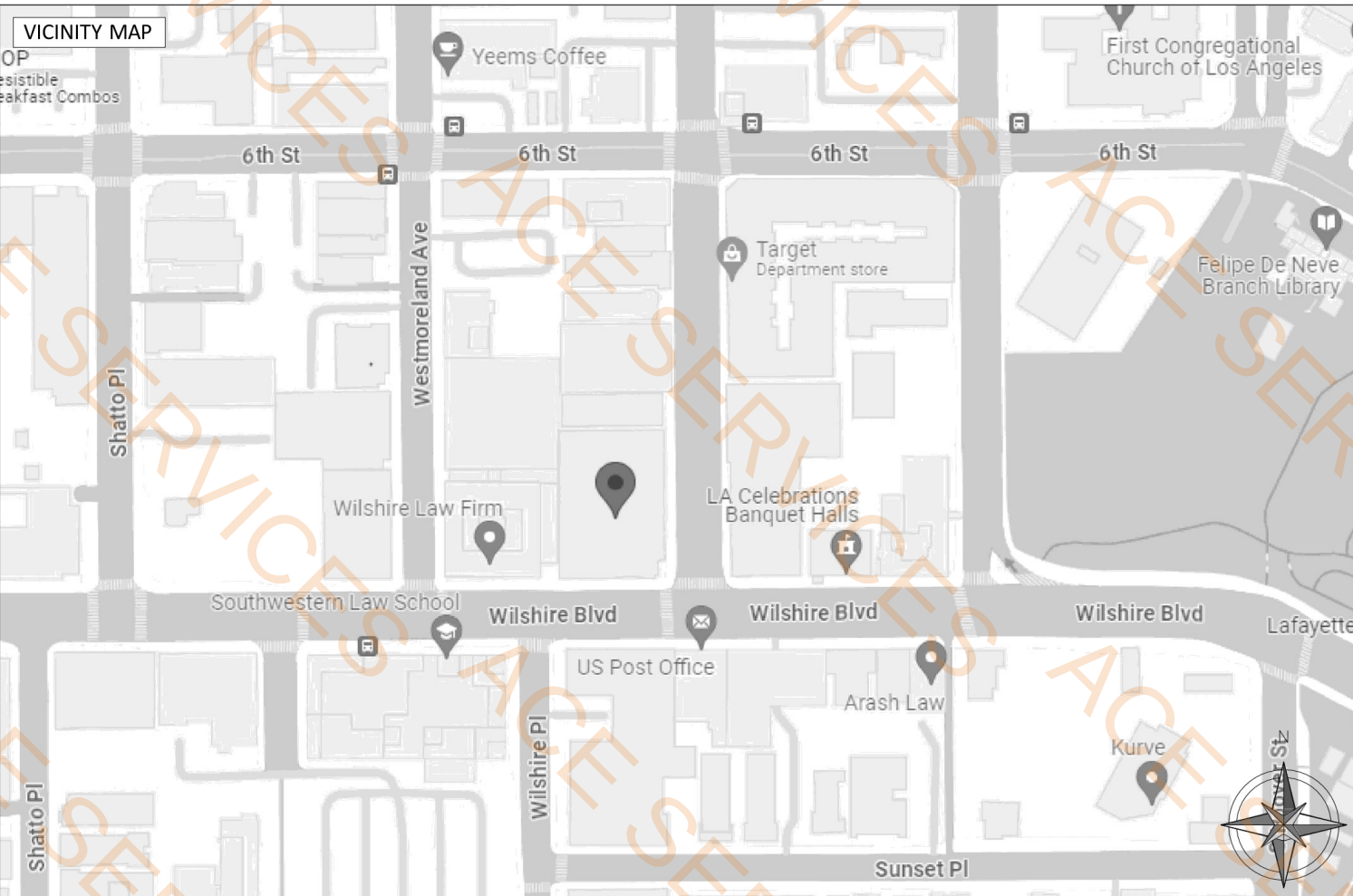
1. 2022 LOS ANGELES CITY ELECTRICAL CODE.

2. 2022 LOS ANGELES CITY BUILDING STANDARDS CODE (VOL 1 & 2).
2. ALL ELECTRICAL EQUIPMENT SHALL BE LABELED, LISTED OR CERTIFIED BY A NATIONALLY RECOGNIZED LABORATORY ACCREDITED BY THE UNITED STATES OCCUPATIONAL HEALTH ADMINISTRATION (OSHA).
3. ALL ASSOCIATED ELECTRICAL EQUIPMENT ARC FLASH WARNING SHALL COMPLIED WITH NEC ARTICLE 110.16
4. PROJECT OCCUPANCY CLASSIFICATION: RESIDENTIAL GROUP R-2:

4.1. OCCUPANCIES CONTAINING SLEEPING UNITS OR MORE THAN TWO DWELLING UNITS WHERE THE OCCUPANTS ARE PRIMARILY PERMANENT IN NATURE. PER IBC 310.3
5. ELECTRICAL VEHICLE CHARGING STATIONS PROVIDED TO SERVE GROUP R-2, R-3 AND R-4 OCCUPANCIES ARE NOT REQUIRED TO COMPLY W/ PROVIDING ACCESSIBLE VEHICLE SPACES PER IBC 1107.2 EXCEPTION

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← (Not Included in New Scope)

← (Not Included in New Scope)


CLARK LONGHURST, PRESIDENT, C&I DIV.
SITELOGIQ, INC. LICENSE NO. 1054171
C-10 ELECTRICAL


Efficiency Powered by Intelligence

COVER SHEET

PERMIT APPLICATION

WILSHIRE BLVD
3033 WILSHIRE BLVD
LOS ANGELES, CA 90010
COMVIND06765 33495 UDR 3033 WILSHIRE REV 6DWG

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EV DESIGN DOCUMENTS

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CHECKED BY:

DATE: 5/21/2025

REVISION: REV 6

SHEET:
E-01



- Remove EV Station
- Single Port ESPEN Station

1.0 EA
2.0 EA

- KEY NOTES: [#]
1. RIP & REPLACE EXISTING EV STATION WITH 2 X SINGLE PORT ESPEN STATION, PEDESTAL MOUNTED, DUAL PORT CONFIGURATION.
 2. (E) 9'-0" STANDARD EV CHARGING STALL.
 3. (E) UDR STENCIL. SEE SHEET E-13 FOR DETAILS.
 4. (E) TYP. UDR SIGN. (ONLY WHILE CHARGING).
 5. (E) TYP. PROTECTIVE BOLLARD.
 6. (E) TYP. PAINTED PARKING DIVIDER LINES.
 7. (E) WHEEL STOP.



FLOOR PLAN LEVEL 1

PERMIT APPLICATION

WILSHIRE BLVD
3033 WILSHIRE BLVD
LOS ANGELES, CA 90010

COMN0006765 33495 UDR 3033 WILSHIRE REV 6.DWG

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E-03


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C-10 ELECTRICAL

FLOOR PLAN - LEVEL 1
SCALE: 1/8"=1'-0"



KEY NOTES: [#]

1. RIP & REPLACE EXISTING EV STATION WITH 2 X SINGLE PORT XEAL STATION, PEDESTAL MOUNTED, DUAL PORT CONFIGURATION.
2. (E) 9'-0" STANDARD EV CHARGING STALL.
3. (E) UDR STENCIL. SEE SHEET E-13 FOR DETAILS.
4. (E) TYP. UDR SIGN. (ONLY WHILE CHARGING).
5. (E) TYP. PROTECTIVE BOLLARD.
6. (E) TYP. PAINTED PARKING DIVIDER LINES.
7. (E) WHEEL STOP.

- Remove EV Station
- Single Port ESPEN Station

7.0 EA
14.0 EA

FLOOR
PLAN
LEVEL 4

PERMIT APPLICATION

WILSHIRE BLVD
3033 WILSHIRE BLVD
LOS ANGELES, CA 90010

COMN0006765_33495 UDR_3033 WILSHIRE_REV 6.DWG

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EV DESIGN
DOCUMENTS

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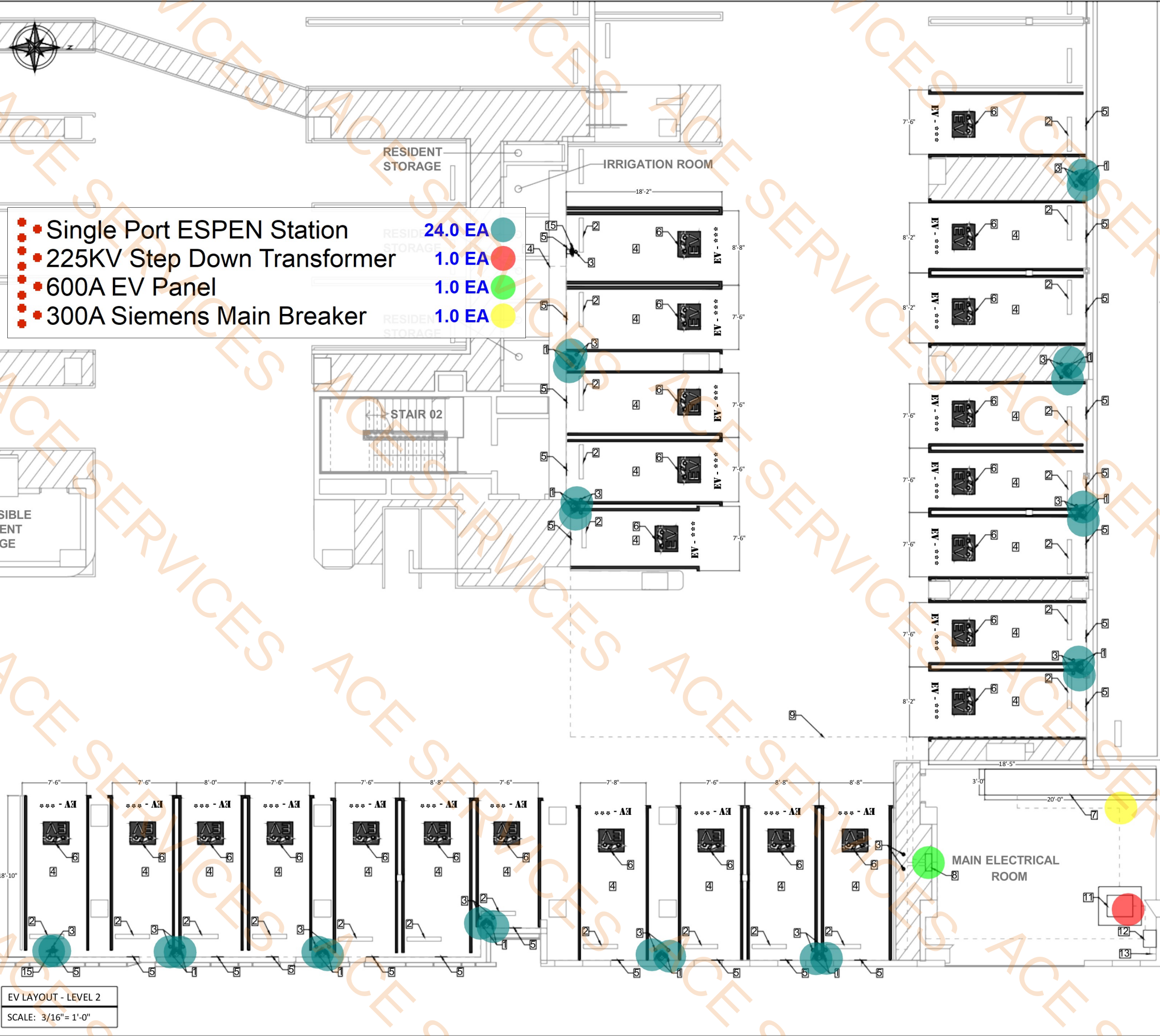
SHEET:

E-06


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C-10 ELECTRICAL

FLOOR PLAN - LEVEL 4

SCALE: 1/8"=1'-0"



Single Port ESPEN Station

225KV Step Down Transformer

600A EV Panel

300A Siemens Main Breaker

24.0 EA

1.0 EA

1.0 EA

1.0 EA

- KEY NOTES: [H]
- (N) 2 X SINGLE PORT ESPEN STATION, PEDESTAL MOUNTED, DUAL PORT CONFIGURATION.
 - (E) WHEEL STOP.
 - (N) STANDARD PROTECTIVE BOLLARDS.
 - (N) STANDARD EV CHARGING STALL.
 - (N) "EV CHARGING ONLY" SIGN.
 - (N) UDR STENCIL. SEE SHEET E-13 FOR DETAILS.
 - (E) MSA: 2000A, 480Y/277V, 3 ϕ , 4W, 65kAIC.
 - (N) EV1: 600A, 208Y/120V, 3 ϕ , 4W, 22kAIC NEMA 1R ENCLOSURE.
 - (N) APPROXIMATE CONDUIT AND WIRING ROUTE. REFER TO CONDUIT AND WIRING SCHEDULE FOR LENGTH OF WIRING AND CONDUIT RUNS.
 - EV STALL NUMBER. TBD. SEE SHEET REF-01.
 - (N) STEP DOWN TRANSFORMER: 225KVA, 480V-208Y/120V, 3 ϕ , 4W HEAVY DUTY NEMA 1R ENCLOSURE.
 - (N) FUSE-DISCONNECT-800A, 208/120V, 3P-W/TAP-BOX.
 - (N) CONDUIT AND WIRING ROUTE TO (N) EV2: 400A, 208/120V, 3 ϕ , 4W, 22kAIC SHOWN ON SHEET E-06.
 - CONDUIT DOWN TO LEVEL BELOW.
 - (N) 1 X SINGLE PORT XEAL STATION, PEDESTAL MOUNTED.

(N) 600A, 208Y/120V, 3 ϕ , 4W, 22kAIC NEMA 1R ENCLOSURE
(To be landed inside electrical room)

KEY PLAN

SCALE: NTS

CLARK LONGHURST, PRESIDENT, C&I DIV.
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C-10 ELECTRICAL

Efficiency Powered by Intelligence

EV LAYOUT LEVEL 2

PERMIT APPLICATION

WILSHIRE BLVD
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LOS ANGELES, CA 90010

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REVISION: REV 6

SHEET:

E-07