

Specific Use Permit (SUP) Proposal

Location: Olympus Town Center, 1300 Keller Parkway, Keller, TX 76248

Applicant: SitelogIQ, Inc.

Prepared for: City of Keller Planning and Zoning Commission & City Council

This SUP request seeks approval for the installation of six (6) dual-port ChargePoint CPF50 pedestal-mounted EV chargers (total of 6 charging ports) across three designated parking areas within Olympus Town Center. The outline for the special conditions and additional requirements for the property controlled by the SUP includes:

- **1. Streets, Alleys, and Sidewalks:** No changes to existing public streets or sidewalks. All work remains within private property parking areas.
- 2. Ingress and Egress: No modification to public ingress/egress. Parking circulation remains unaffected.
- **3. Drainage Provisions:** Installation involves minimal trenching. Existing site grading and stormwater drainage are not altered.
- **4. Off-Street Parking:** Six standard parking stalls will be converted to EV charging stalls, compliant with City requirements. Painted striping and stencils will clearly designate these stalls.
- **5. Screening and Open Space:** Chargers are pedestal-mounted with protective bollards; visual impact is minimal. Landscaping and open space remain unchanged.
- **6. Height of Structures:** Pedestal chargers are 6' in height. No vertical structures beyond bollards which are 4' in height.
- **7. Compatibility of Buildings:** Equipment is sited adjacent to existing residential buildings (6, 7, and 17). Compatible with existing architectural context.
- **8. Hours of Operation:** 24/7 availability. Equipment is silent and does not generate nuisance conditions.
- **9. Time Limits:** No specific operational time limit; chargers remain permanent site fixtures.



Jordon Escamilla

Electrical Designer

M: 323.313.9698

SITELOGIQ.COM







We Make Buildings Better.

1151 North Del Rio Place, Ontario, CA 91764



To: City of Keller Planning and Zoning Commission & City Council

From: SitelogIQ, Inc.

Subject: Justification for SUP - EV Charging Station Installation at Olympus Town Center

Date: September 16, 2025

Dear Commissioners and Council Members,

We respectfully submit this letter to provide justification for our Specific Use Permit (SUP) request for the installation of EV charging stations at Olympus Town Center. Below we address the criteria used by the City of Keller in evaluating SUP applications:

Harmonious and Compatible Use

The EV charging stations are compatible with the existing residential and mixed-use character of the site. They represent a low-profile, environmentally beneficial use that complements existing parking facilities without creating adverse impacts.

Associated Activities

Charging activities are directly tied to parking lot usage, an already permitted and essential use of the property. This makes EV charging a natural accessory use within the district.

Reasonableness and Appropriateness

As electric vehicle adoption continues to grow, on-site charging is becoming a necessary and expected amenity. Locating chargers within the parking areas of Olympus Town Center is both appropriate and beneficial to residents and visitors alike.

Mitigation of Potential Impacts

The project will not create measurable traffic, noise, or drainage issues. Electrical capacity has been confirmed through load analysis, and safety measures such as bollards, stencils, and NEC-compliant installation will mitigate risks. The chargers operate quietly.

Consistency with District Intent

This project aligns with the intent of the district by enhancing infrastructure while preserving the community's mixed-use and residential focus. The EV chargers add value by supporting sustainability and modern transportation needs without altering the neighborhood character.

Thank you for your consideration of this request. We are confident that the proposed EV charging stations will provide lasting benefits to the community and align with the City of Keller's vision for responsible development.



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SCOPE OF WORK:

- **EV CHARGERS PROVIDE AND INSTALL:**
- (6) NEW CHARGEPOINT CPF50, DUAL-PORT, PEDESTAL MOUNT, EV CHARGERS. (6 PORTS TOTAL)

ELECTRICAL EQUIPMENT - PROVIDE AND INSTALL:

(6) NEW 40A, 240V, 2P, 10kAIC CIRCUIT BREAKERS.

MISCELLANEOUS: PROVIDE AND INSTALL:

- (6) STANDARD BOLLARDS.
- (6) TYP. GARDEN COMMUNITIES EV **CHARGING STENCIL**
- PAINTED PARKING DIVIDER LINES.

GENERAL NOTES

- 1. ALL ELECTRICAL WORK SHALL BE DESIGNED PER CITY OF KELLER AND THE FOLLOWING CODES.
 - TEXAS TDLR ELECTRICAL CODE 2023.
- TEXAS IHB BUILDING CODE 2021.
- 2. ALL ELECTRICAL EQUIPMENT SHALL BE LABELED, LISTED OR CERTIFIED BY A NATIONALLY RECOGNIZED LABORATORY ACCREDITED BY THE UNITED STATES OCCUPATIONAL HEALTH ADMINISTRATION (OSHA).
- ALL ASSOCIATED ELECTRICAL **EQUIPMENT ARC FLASH WARNING SHALL** COMPLIED WITH NEC ARTICLE 110.16 AND AVAILABLE FAULT CURRENT MARKING SHALL COMPLIED WITH NEC ARTICLE ARTICLE 110.24.

VICINITY MAP Keller Pkwy Keller Pkwy Jason's Deli Olympus Town Center (a) Walgreens Head Case Hair Studio mer Moon Coffee Seaton St Prescott St 18|8 Fine Men's Salons - Keller Town Center Nature Park North Pond Waysid Diar Ln Conservatory At Keller Town Center Arthouse Bear Creek Pkwy

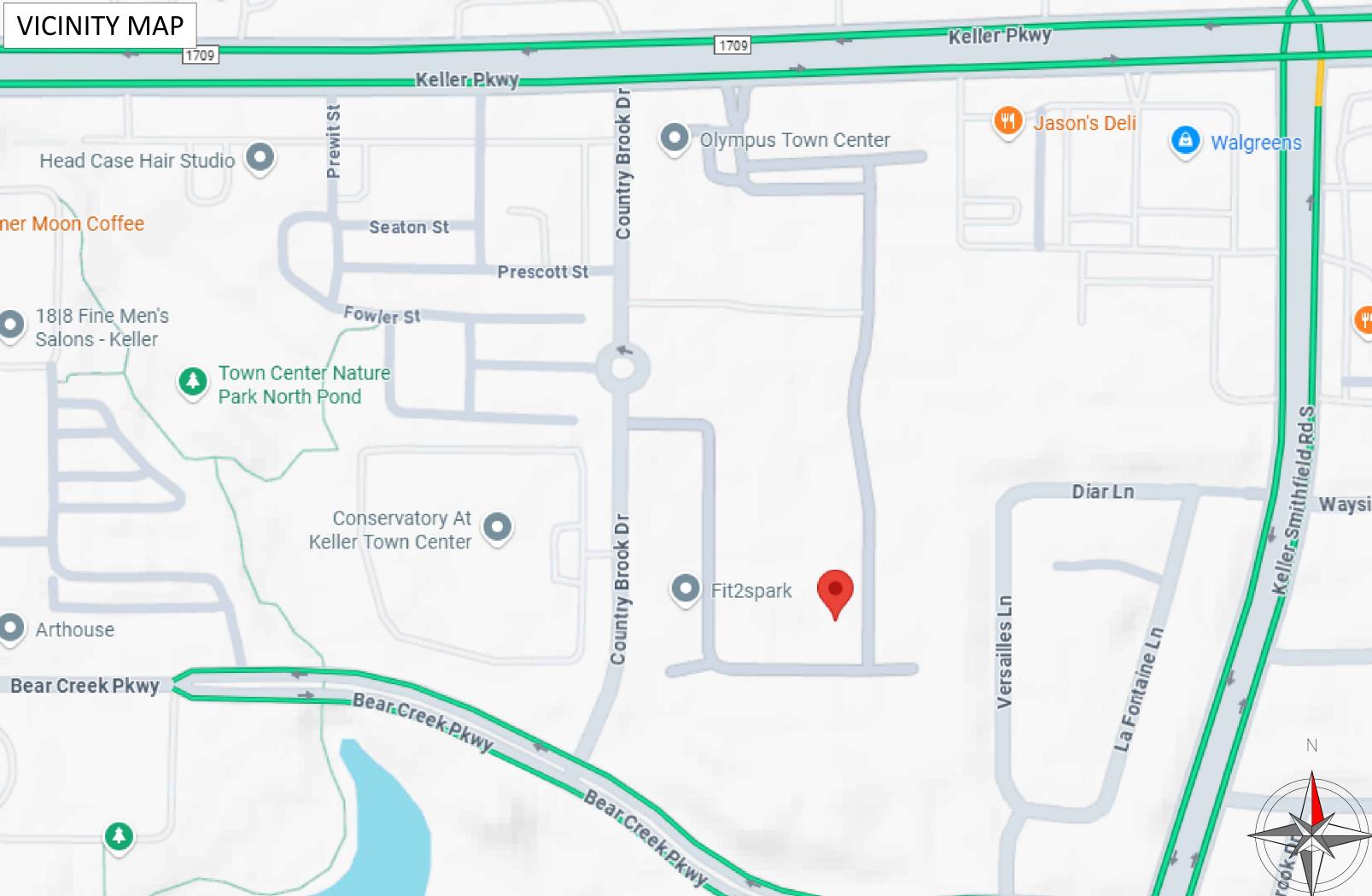
BUILDING DATA

- 07927428 APN:
 - **OCCUPANCY CLASS:**
- LEGAL DESCRIPTION: KELLER TOWN CENTER ADDITION BLOCK C LOT 1

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TOWN CENTER APPLICATION **OLYMPUS**

COVER

SHEET

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> **EVCS DESIGN DOCUMENTS**

SUBJECT TO LEGAL ACTION.

TEMPLATE: 5.14.2025

DRAWN BY: HB

CHECKED BY:

DATE: 9.2.2025 **REVISION:**

Mihl Kmbon

MASTER ELECTRICIAN (TX): LICENSE #: 261090

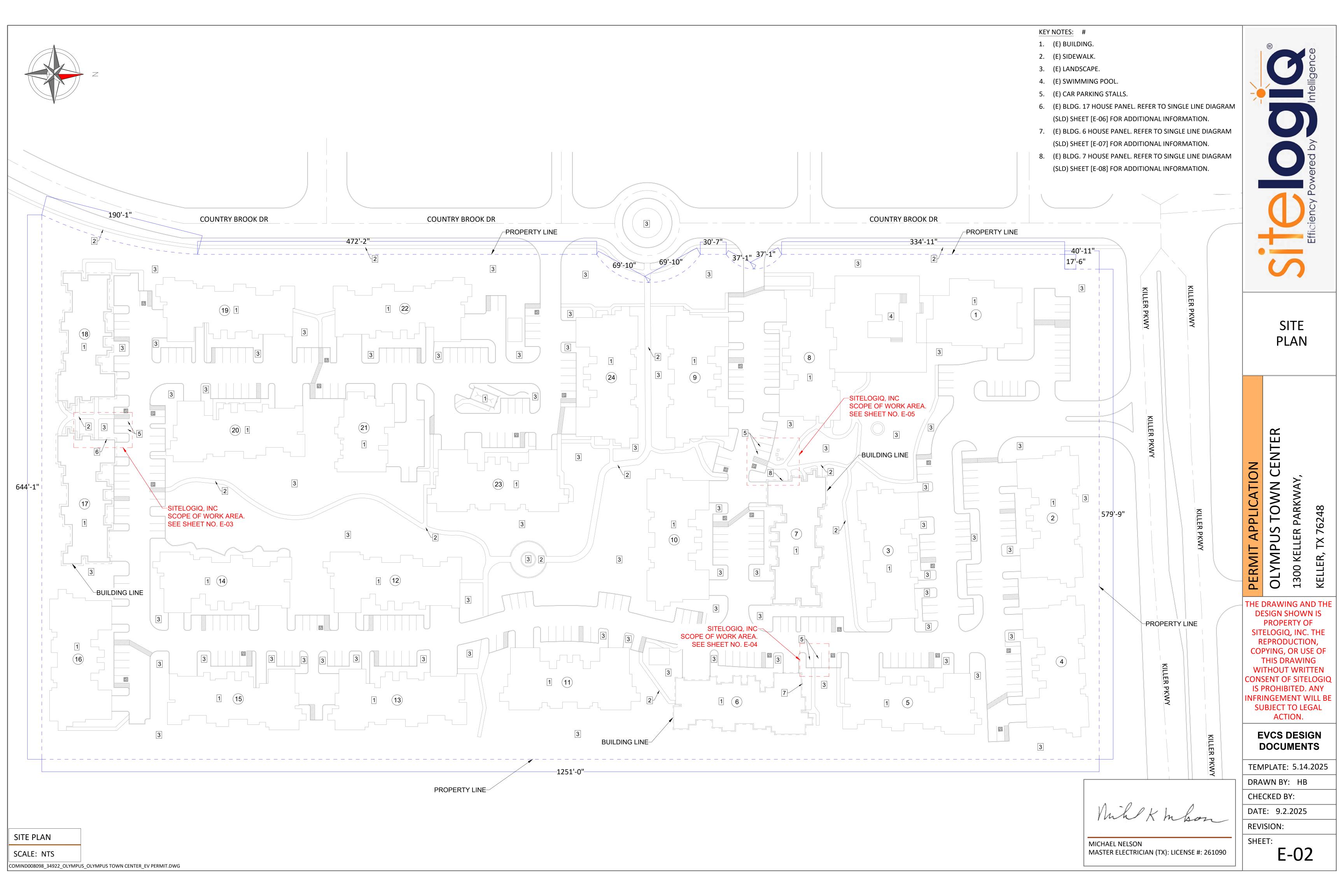
MICHAEL NELSON

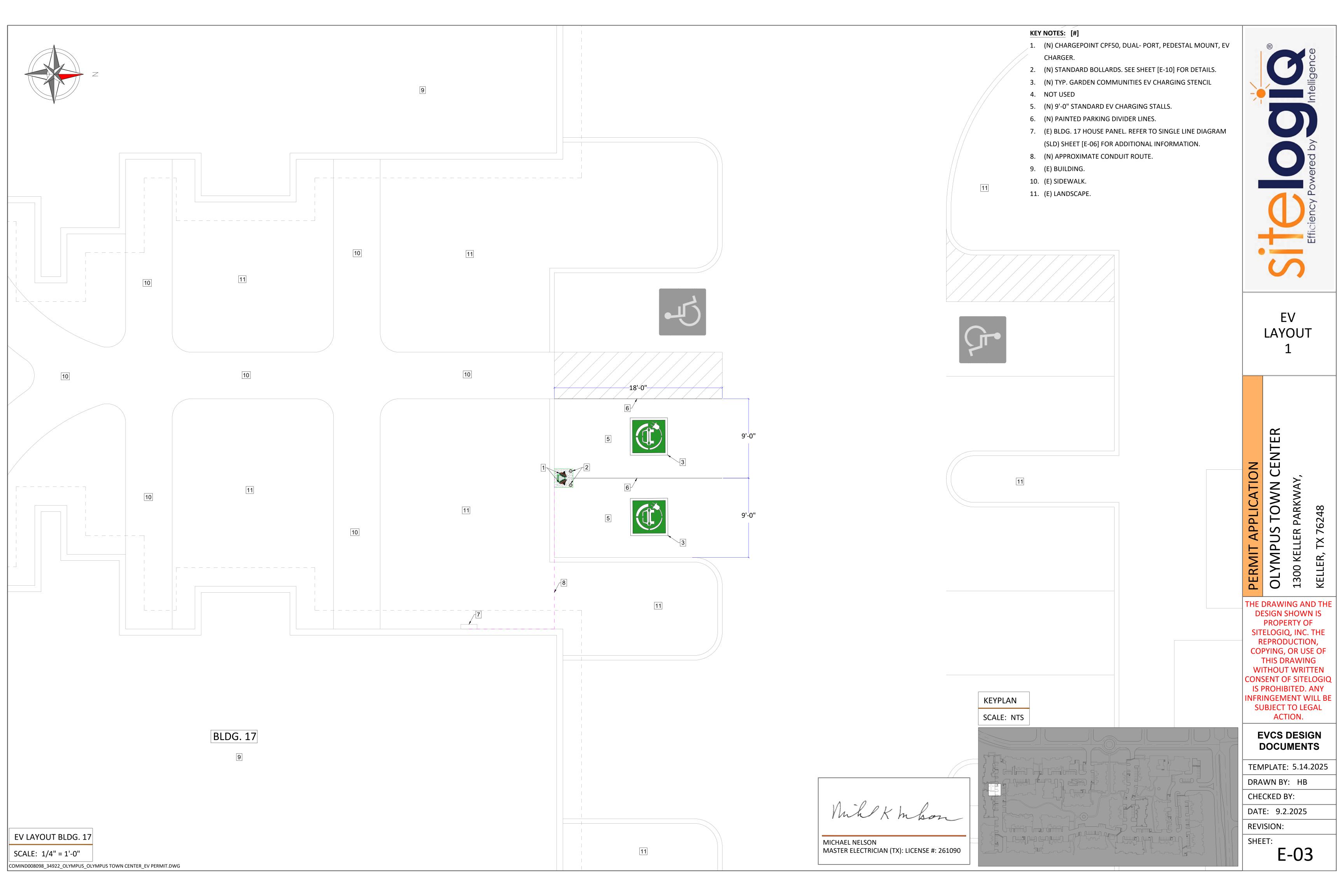
E-01

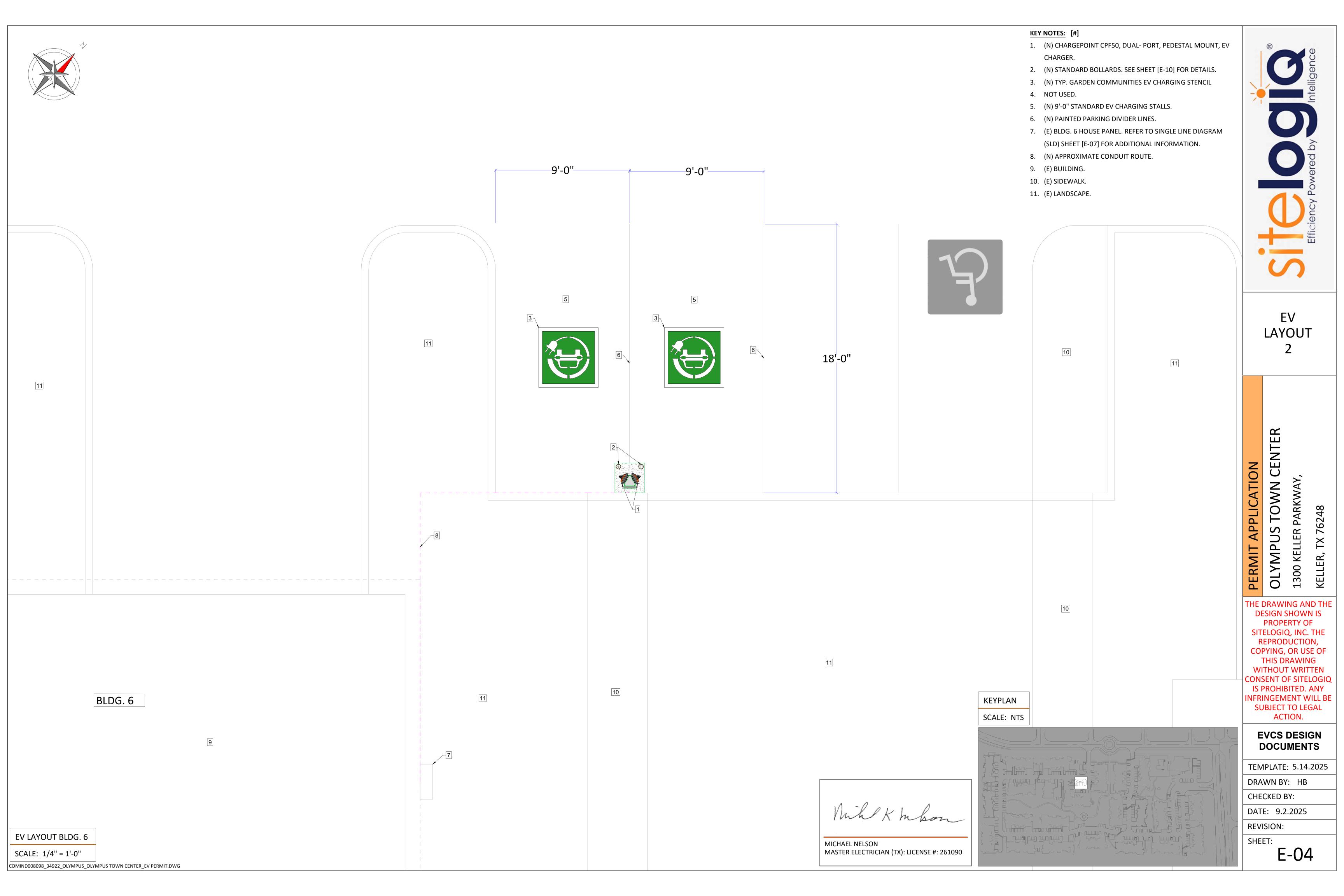
REV DATE **DESCRIPTION**

REVISIONS

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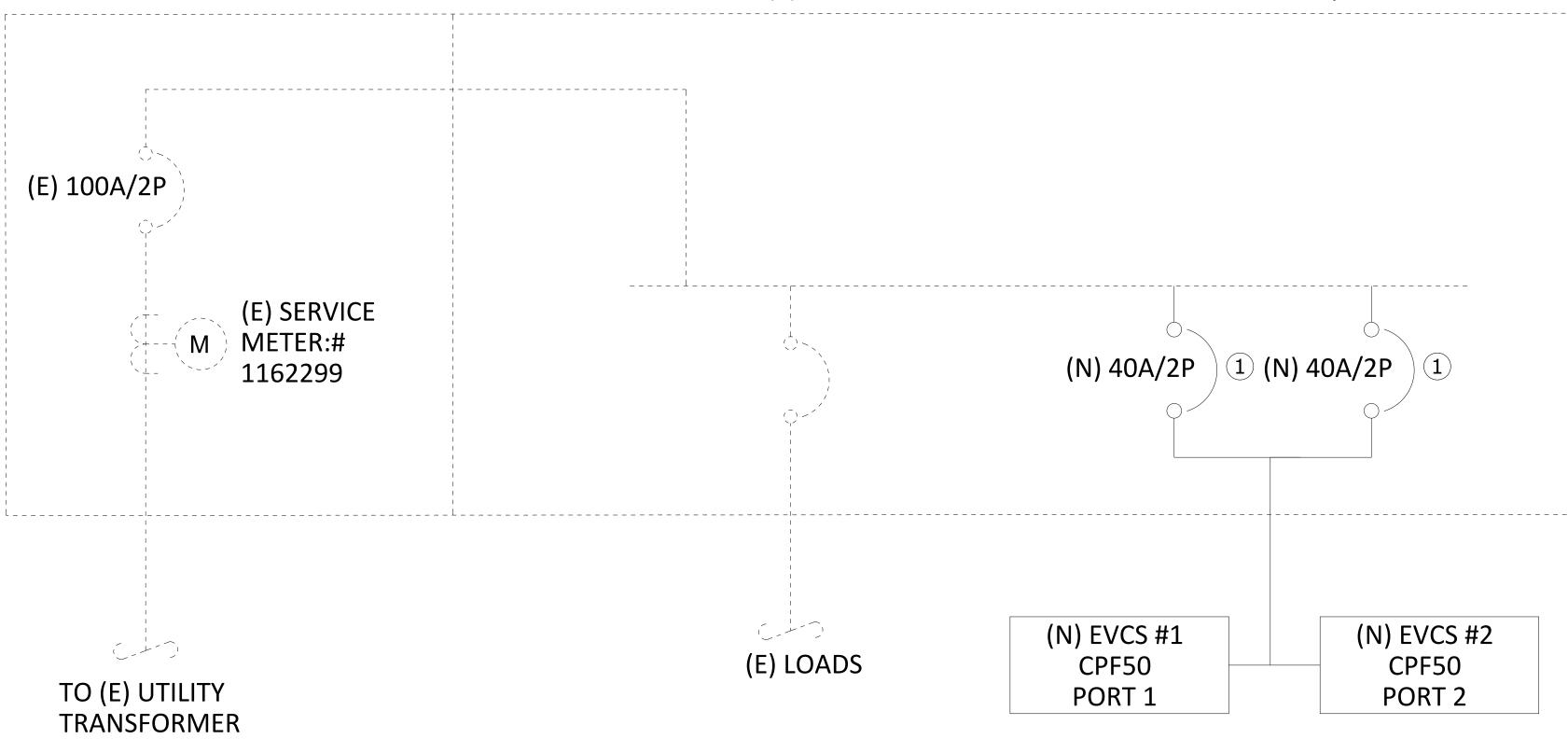




PLAN NOTES:

1. ALL OCPD SHALL BE LOCKED OUT IN AN OPEN POSITION.

(E) BLDG. 17 HOUSE PANEL: 125A, 120/240V, 1φ, 3W, 10kAIC NEMA 3R



1 NUMBER OF CHARGING UNITS:
NUMBER OF PORTS:
ELECTRICAL RATING PER CHARGING PORT:
MAXIMUM CAPACITY PER PORT:
LOAD SHARING:

2 LEVEL 2: 32A, 240V LEVEL 2: 16A, MAX YES, 50%

2 ELECTRICAL PANEL RATING:

(E) BLDG. 17 HOUSE PANEL: 125A, 120/240V, 1φ, 3W, 10kAIC NEMA 3R ENCLOSURE

| | | | | | | (1 | E) I | 3LD(| G. 17 | HO | USE | PA | NE | L | | | | | | | |
|----------------|-----------|------|----|-----------------|----|--------|------|--------|-------|----------|------------|--------|----|-----|-----|-----|---------|---------|--------|----------|----|
| MOUNTING | WALL | | | | | | | | | | | | V | OLT | S | 12 | 20 24 | -0 | MAIN | 100A | |
| NEMA RATING | <u>3R</u> | | NE | UT | RA | L (% | 6) | | | | <u>100</u> | | PI | HAS | E | | 1 | | BUS | 125A | |
| FEED THRU | NO | | | | | | | | | | | | W | IRE | | 3 | 3 | | A.I.C. | 10kAlC | |
| | | | L | C | 1 | R E | M | B K | С | | С | B K | M | R | 1 | | L T | | | | |
| LOCATION | | _ | G | N | 2 | С | S | R | R | | R | R | S | С | 2 | N (| G | | | LOCATION | |
| CDADE | A | В | | V | 5 | Р | С | | С | | C | | С | P | 5 | V | | Α | В | CDADE | |
| SPARE | | | | | | | | | 1 | 4 | 2 | | | | | | | | | SPARE | |
| | | | | | | | | | 3 | | 4 | | | | | | | | | | |
| (E) LOAD | | | | | | | | | 5 | <u> </u> | <u> </u> | | | | | | | | | (E) LOAD | |
| | | | | | | | | | 7 | | 8 | | | | | | | | | | |
| (N) EVCS #1 | 3840 | | | | 1 | | | 40/2 | 9 | 4 | 10 | | | | | | | | | SPARE | |
| | | 3840 | | | | | | | 11 | | 12 | | | | | | | | | | |
| (N) EVCS #2 | 3840 | | | | 1 | | | 40/2 | 13 | | 14 | | | | | | | | | SPARE | |
| | | 3840 | | | | | | | 15 | | 16 | | | | | | | | | | |
| | A= | 7680 | | | | | | | | | • " | | • | | • | 4 | • | B= | 7680 | | |
| TOTAL VA= | 15360 | | AM | - S= | | | 64 | | TOTA | _VA | W/LCL= | | | | 192 | 200 | ΑN | 1PS W/L | _CL= | | 80 |
| HIGH PHASE VA= | 7680 | | AM | PS= | | | 64 | | HIGH | PHAS | EVA W | 'LCL= | | | 90 | 300 | ΑN | 1PS W/L | _CL= | | 80 |

| Starting fault current (I _{L-L-L}) | 10,000 AIC | |
|--|-------------|--|
| Line Voltage (E _{L-L}) | 240 V | |
| Length (L) | 35 ft | |
| Conductor constant (C) | 1,557 8 AWG | |
| number of conductor per phase (n) | 1 | |
| | | $f = \frac{2 \times L \times I_{L-L}}{C \times n \times E_{L-L}}$ |
| f factor | 1.873 | C x n x E _{L-L} |
| M factor | 0.348 | $M = \frac{1}{1+f}$ |
| Fault Current at (N) EVCS #1 | 3,480 AIC | †I _{SCA} = I _{SCA} X M at at fault beginning of circuit. |
| | | |

Per the National Electrical Code (NEC), Article 220. 87 (determining Existing Loads), the **maximum demand** (kW) at 125 percent plus the new load can be added to determine the adequacy of the existing electrical distribution system to support the projects proposed electrical loads.

| LOAD SUMMARY | | | |
|---|-------|--------|------|
| BLDG. 17 HOUSE PANEL | | | |
| Existing (E)BLDG. 17 HOUSE PANEL maximum demand | 1.932 | | kW |
| (12 months of historical utility meter data) | | | |
| (kW x 125%) | = | 2.415 | kW |
| New Connected Load: | 15.36 | | kW |
| (2 x EV1 Station @15.36kW) | | | |
| (kW x 125%) | = | 19.20 | kW |
| TOTAL POWER | = | 21.615 | kW |
| @ 240 V, 1-Phase | = | 90.06 | AMPS |

The existing 125 Amps, 120/240 volt, 1-phase, 3-wire electrical distribution sytem has adequate capacity to accept the proposed new EVCS loads.

| | | | C | ONDUIT & | WIRE SCH | EDULE | | | |
|---------|-----------------------------|---------------|--------------------------|-----------------------|----------------------------|------------------|----------------------|--|-------------------|
| IDENTIF | ER FROM | ТО | VOLTAGE (VAC - PHASE) | NET CURRENT (AMPS) | UPSTREAM OCPD (AMPS) | LENGTH (FEET) | CONDUIT SIZE/TYPE | WIRE CONTENTS | VOLTAGE DROP % |
| А | (E) BLDG. 17 HOUSE PANEL | (N) EVCS #1-2 | 240V - 1Ø | 32 | 40 | 35' | 1" PVC SCH 40 | (2) #8 AWG THHW Cu -PH (1) #10 AWG EGC Cu - GND | 0.71% |

Mihl K habon

MICHAEL NELSON MASTER ELECTRICIAN (TX): LICENSE #: 261090 SITION Powered by Intelligence

SINGLE LINE DIAGRAM 1

PERMIT APPLICATION
OLYMPUS TOWN CENTEF
1300 KELLER PARKWAY,
KELLER, TX 76248

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EVCS DESIGN DOCUMENTS

TEMPLATE: 5.14.2025

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DATE: 9.2.2025

REVISION:

SHEET: **E-06**

1 NUMBER OF CHARGING UNITS: NUMBER OF PORTS: ELECTRICAL RATING PER CHARGING PORT: MAXIMUM CAPACITY PER PORT: LOAD SHARING:

LEVEL 2: 32A, 240V LEVEL 2: 16A, MAX YES, 50%

PORT 1

PORT 2

2 ELECTRICAL PANEL RATING:

TRANSFORMER

(E) BLDG. 6 HOUSE PANEL: 125A, 120/240V, 1φ, 3W, 10kAIC NEMA 3R ENCLOSURE

| | | | | | | (1 | E) E | BLD | G. 6 | HC | USI | ΞP | AN | EL | | | | | | | |
|----------------|-----------|------|-------------|-------------|-------|------|-----------------|-------------|-------------|----------|------------|-----|-------------|-------------|-------------|-----|-------------|-------------|--------|-------|-------------|
| MOUNTING | WALL | | | | | | | | | | | | | VC | LT | S | 12 | 20/ | 240 | MAIN | 100A |
| NEMA RATING | <u>3R</u> | | NE | UT | RA | L (% |) | | | | 10 | 0 | | PH | IAS | Ε | | 1 | | BUS | 125A |
| FEED THRU | NO | | | | | | | | | | | _ | | WI | RE | | | 3 | | A.I.C | |
| LOCATION | | | L T G | C O N | 1 . 2 | Е | M I S | B K R | C I R | | l R | | B K R | M I S | R E C | - | C O N | L T G | | | LOCATION |
| | Α | В | J | V | 5 | | C | 1 \ | C | | C | | 1 | С | P | | V | U | Α | В | |
| (E) LOAD | | | | | | | | | 1 | L | 1 2 | | | | | | | | | | (E) LOAD |
| (E) LOAD | | | | | | | | | 3 | | 4 | | | | | | | | | | SPARE |
| | | | | | | | | | 5 | L | ↓ 6 | | | | | | | | | | |
| (N) EVCS #1 | | 3840 | | | 1 | | 2 | 40/2 | 7 | | 8 | | | | | | | | | | SPARE |
| | 3840 | | | | | | | | 9 | | ∐ 10 |) | | | | | | | | | |
| (N) EVCS #2 | | 3840 | | | 1 | | 4 | 40/2 | 11 | | 12 | 2 | | | | | | | | | SPARE |
| | 3840 | | | | | | | | 13 | | ∐ 14 | 4 | | | | | | | | | |
| SPARE | | | | | | | | | 15 | | 10 | 3 | | | | | | | | | SPARE |
| | | | | | | | | | 17 | — | 18 | 3 | | | | | | | | | |
| SPARE | | | | | | | | | 19 | | 20 |) | | | | | | | | | SPARE |
| | A= | 7680 | | | | | | | | | | | | | | | | | B= | | |
| TOTAL VA= | 15360 | | | PS= | | | 64 | | TOTA | | | | | | | 192 | 200 | | AMPS W | | 80 |
| HIGH PHASE VA= | 7680 | | AM | PS= | | | 64 | | HIGH | PHAS | SE VA | W/L | CL= | | | 96 | 00 | 14 | AMPS W | LCL= | 80 |

| Starting fault current (I _{L-L-L}) | 10,000 AIC | |
|--|-------------|---|
| Line Voltage (E _{L-L}) | 240 V | |
| Length (L) | 25 ft | |
| Conductor constant (C) | 1,557 8 AWG | |
| number of conductor per phase (n) | 1 | |
| | | $f = \frac{2 \times L \times I_{L-L}}{C \times n \times E_{L-L}}$ |
| f factor | 1.338 | C x n x E _{L-L} |
| M factor | 0.428 | $M = \frac{1}{1+f}$ |
| Fault Current at (N) EVCS #1 | 4,277 AIC | †I _{SCA} = I _{SCA} X M at at fault beginning of circuit. |
| | | |

Per the National Electrical Code (NEC), Article 220. 87 (determining Existing Loads), the maximum demand (kW) at 125 percent plus the new load can be added to determine the adequacy of the existing electrical distribution system to support the projects proposed electrical loads.

| LOAD SUMMARY | | | |
|---|-------|--------|------|
| BLDG.6 HOUSE PANEL | | | |
| Existing (E)BLDG.6 HOUSE PANEL maximum demand | 1.42 | | kW |
| (12 months of historical utility meter data) | | | |
| (kW x 125%) | = | 1.775 | kW |
| New Connected Load: | 15.36 | | kW |
| (2 x EV1 Station @15.36kW) | | | |
| (kW x 125%) | = | 19.20 | kW |
| TOTAL POWER | = | 20.975 | kW |
| @ 240 V, 1-Phase | = | 87.40 | AMPS |

The existing 125 Amps, 120/240 volt, 1-phase, 3-wire electrical distribution sytem has adequate capacity to accept the proposed new EVCS loads.

| | | | C | ONDUIT 8 | WIRE SCH | HEDULE | | | |
|------------|----------------------------|---------------|--------------------------|-----------------------|----------------------------|------------------|----------------------|--|-------------------|
| IDENTIFIER | FROM | TO | VOLTAGE (VAC - PHASE) | NET CURRENT (AMPS) | UPSTREAM OCPD (AMPS) | LENGTH (FEET) | CONDUIT SIZE/TYPE | WIRE CONTENTS | VOLTAGE DROP % |
| А | (E) BLDG. 6 HOUSE PANEL | (N) EVCS #1-2 | 240V - 1Ø | 32 | 40 | 25' | 1" PVC SCH 40 | (2) #8 AWG THHW Cu -PH (1) #10 AWG EGC Cu - GND | 0.51% |

MICHAEL NELSON MASTER ELECTRICIAN (TX): LICENSE #: 261090

SINGLE LINE DIAGRAM

APPLICATION TOWN C **KELLER, TX 76248 OLYMPUS** 1300 KELLER

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EVCS DESIGN DOCUMENTS

TEMPLATE: 5.14.2025 DRAWN BY: HB CHECKED BY: DATE: 9.2.2025 **REVISION:**

SHEET: E-07

COMIND008098_34922_OLYMPUS_OLYMPUS TOWN CENTER_EV PERMIT.DWG

1 NUMBER OF CHARGING UNITS:
NUMBER OF PORTS:
ELECTRICAL RATING PER CHARGING PORT:
MAXIMUM CAPACITY PER PORT:
LOAD SHARING:

2 LEVEL 2: 32A, 240V LEVEL 2: 16A, MAX YES, 50%

2 ELECTRICAL PANEL RATING:

(E) BLDG. 7 HOUSE PANEL: 125A, 120/240V, 1φ, 3W, 10kAIC NEMA 3R ENCLOSURE

| | | | | | | | (E) | BLD | G. 7 | НО | USE | ΞP | PAN | EL | | | | | | | | |
|----------------|-----------|------|-----|------------|----|--------|-----|--------|--------|----------|-----------|-----|--------|----|-----|-----|--------|--------|--------|-------|-------------|----|
| MOUNTING | WALL | | | | | | | | | | | | | VC | DLT | S | 12 | 20/ | 240 | MAIN | 100A | |
| NEMA RATING | <u>3R</u> | | NE | UT | RA | L (% | 6) | | | | <u>10</u> | 0 | | PH | HAS | E | | 1 | _ | BUS | <u>125A</u> | |
| FEED THRU | NO | | | | | | | | | | | | | W | IRE | | 2 | 3 | | A.I.C | 10kAlC | |
| | | | L | С | 1 | R | M | В | С | | C | , | В | M | | 1 | С | L | | | | |
| LOCATION | | | G | 0 N | 2 | E C | S | K R | l R | | l R | | K R | S | E | 2 | O N | T G | | | LOCATION | I |
| | A | В | | V | 5 | Р | С | | С | | С | | | С | Р | 5 | ٧ | | Α | В | | |
| SPARE | | | | | | | | | 1 | - | 2 | | | | | | | | | | SPARE | |
| | | | | | | | | | 3 | | 4 | | | | | | | | | | | |
| (E) LOAD | | | | | | | | | 5 | - | ↓ 6 | | | | | | | | | | (E) LOAD | |
| | | | | | | | | | 7 | | 8 | | | | | | | | | | | |
| (N) EVCS #1 | 3840 | | | | 1 | | | 40/2 | 9 | 4 | 10 |) [| | | | | | | | | (E) LOAD | |
| | | 3840 | | | | | | | 11 | | 12 | 2 | | | | | | | | | SPARE | |
| (N) EVCS #2 | 3840 | | | | 1 | | | 40/2 | 13 | — | 14 | 1 | | | | | | | | | | |
| | | 3840 | | | | | | | 15 | | 16 | 3 | | | | | | | | | SPARE | |
| | A= | 7680 | | | | | | | | | | | | | | | | | B= | 7680 |) | |
| TOTAL VA= | 15360 | | AMP | S= | | | 64 | | TOTA | L VA | W/LC | L= | | | | 192 | 200 | 1 | AMPS W | /LCL= | | 80 |
| HIGH PHASE VA= | 7680 | | AMP | S = | | | 64 | | HIGH | PHAS | EVA | W/L | CL= | | | 90 | 300 | , | AMPS W | /LCL= | | 80 |

| Starting fault current (I _{L-L-L}) | 10,000 AIC | |
|--|-------------|--|
| Line Voltage (E _{L-L}) | 240 V | |
| Length (L) | 60 ft | |
| Conductor constant (C) | 1,557 8 AWG | • |
| number of conductor per phase (n) | 1 | |
| | | $f = \frac{2 \times L \times I_{L-L}}{C \times n \times E_{L-L}}$ |
| f factor | 3.211 | C x n x E _{L-L} |
| M factor | 0.237 | $M = \frac{1}{1+f}$ |
| Fault Current at (N) EVCS #1 | 2,375 AIC | †I _{SCA} = I _{SCA} x M at at fault beginning of circuit. |
| | | |

Per the National Electrical Code (NEC), Article 220. 87 (determining Existing Loads), the **maximum demand** (kW) at 125 percent plus the new load can be added to determine the adequacy of the existing electrical distribution system to support the projects proposed electrical loads.

| LOAD SUMMARY | | | |
|--|-------|--------|------|
| BLDG. 7 HOUSE PANEL | | | |
| Existing (E)BLDG. 7 HOUSE PANEL maximum demand | 2.128 | | kW |
| (12 months of historical utility meter data) | | | |
| (kW x 125%) | = | 2.66 | kW |
| New Connected Load: | 15.36 | | kW |
| (2 x EV1 Station @15.36kW) | | | |
| (kW x 125%) | = | 19.20 | kW |
| TOTAL POWER | = | 21.860 | kW |
| @ 240 V, 1-Phase | = | 91.08 | AMPS |

The existing 125 Amps, 120/240 volt, 1-phase, 3-wire electrical distribution system has adequate capacity to accept the proposed new EVCS loads.

| | CONDUIT & WIRE SCHEDULE | | | | | | | | |
|------------|----------------------------|---------------|--------------------------|-----------------------|----------------------------|------------------|----------------------|--|-------------------|
| IDENTIFIER | FROM | TO | VOLTAGE (VAC - PHASE) | NET CURRENT (AMPS) | UPSTREAM OCPD (AMPS) | LENGTH (FEET) | CONDUIT SIZE/TYPE | WIRE CONTENTS | VOLTAGE DROP % |
| Α | (E) BLDG. 7 HOUSE PANEL | (N) EVCS #1-2 | 240V - 1Ø | 32 | 40 | 60' | 1" PVC SCH 40 | (2) #8 AWG THHW Cu -PH (1) #10 AWG EGC Cu - GND | 1.21% |

Mihl K habon

MICHAEL NELSON MASTER ELECTRICIAN (TX): LICENSE #: 261090 Signature of the second of the

SINGLE LINE DIAGRAM 3

PERMIT APPLICATION
OLYMPUS TOWN CENTER
1300 KELLER PARKWAY,
KELLER, TX 76248

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EVCS DESIGN DOCUMENTS

TEMPLATE: 5.14.2025

DRAWN BY: HB

CHECKED BY:

DATE: 9.2.2025

REVISION:

SHEET:

E-08



ChargePoint® CPF50 Level 2 Charging Stations for Multifamily

Specifications and Ordering Information



| ease contact | ChargePoint Sales for information and order codes | |
|--------------|--|---------------------------------------|
| ardware | | |
| Description | | Order Code |
| JSA Models | Single Port, J1772, Wall, 5.4 m (18 ft) Cable | CPF50-L18-GW-USA |
| | Single Port, J1772, Pedestal, 5.4 m (18 ft) Cable | CPF50-L18-PEDMNT-GW-USA |
| | Single Port, J1772, Pedestal 5.4 m (18 ft) Cable with 6 ft Cable Management Kit | CPF50-L18-PEDMNT-CMK6-GW- USA |
| | Dual Port, J1772, Pedestal, 5.4 m (18 ft) Cable | CPF50-L18-PEDMNT-DUAL-GW- USA |
| | Dual Port, J1772, Pedestal, 5.4 m (18 ft) Cable with 6 ft Cable Management Kit | CPF50-L18-PEDMNT-CMK6- DUAL-GW-USA |
| | Single Port, J1772, Wall, 5.4 m (18 ft) Cable with 6 ft Cable Management Kit | CPF50-L18-WALLMNT-CMK6- GW-USA |
| | Single Port, J1772, Wall, 7.0 m (23 ft) Cable | CPF50-L23-GW-USA |
| | Single Port, J1772, Pedestal, 7.0 m (23 ft) Cable | CPF50-L23-PEDMNT-GW-USA |
| | Single Port, J1772, Pedestal, 7.0 m (23 ft) Cable with 8 ft Cable Management Kit | CPF50-L23-PEDMNT-CMK8-GW- USA |
| | Dual Port, J1772, Pedestal, 7.0 m (23 ft) Cable | CPF50-L23-PEDMNT-DUAL-GW- |

Dual Port, J1772, Pedestal, 7.0 m (23 ft) Cable CPF50-L23-PEDMNT-CMK8-

Single Port, NACS, Wall, 7.0 m (23 ft) Cable CPF50-L23-GW-NACS-USA Single Port, NACS, Pedestal, 7.0 m (23 ft) Cable CPF50-L23-PEDMNT-GW-NACS-

Dual Port, J1772, Pedestal, 7.0 m (23 ft) Cable CPF50-L23-PEDMNT-Dual-GW-

DUAL-GW-USA

NACS-USA

CPF50-L23-WALLMNT-CMK8-

The order codes below represent specific product configurations. Other product options are available.

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with 8 ft Cable Management Kit

with 8 ft Cable Management Kit

Single Port, J1772, Wall, 7.0 m (23 ft) Cable

| | Dual Port, J1772, Pedestal, 7.0 m (23 ft) Cable with 8 ft Cable Management Kit | CPF50-L23-PEDMNT-CMK8- Dual-GW-NACS-USA |
|--------|--|--|
| Canada | Single Port, Pedestal 5.4 m (18 ft) Cable | CPF50-L18-PEDMNT-GW-CAN |
| Models | Single Port, Pedestal 5.4 m (18 ft) Cable with 6 ft Cable Management Kit | CPF50-L18-PEDMNT-CMK6-GW-CAN |
| | Dual Port, Pedestal, 5.4 m (18 ft) Cable | CPF50-L18-PEDMNT-DUAL-GW-CAN |
| | Dual Port, Pedestal, 5.4 m (18 ft) Cable with 6 ft Cable Management Kit | CPF50-L18-PEDMNT-CMK6- DUAL-GW-CAN |
| | Single Port, Wall, 5.4 m (18 ft) Cable with 6 ft Cable Management Kit | CPF50-L18-WALLMNT-CMK6- GW-CAN |
| | Single Port, Pedestal, 7.0 m (23 ft) Cable | CPF50-L23-PEDMNT-GW-CAN |
| | Single Port, Pedestal, 7.0 m (23 ft) Cable with 8 ft Cable Management Kit | CPF50-L23-PEDMNT-CMK8-GW-CAN |
| | Dual Port, Pedestal, 7.0 m (23 ft) Cable | CPF50-L23-PEDMNT-DUAL-GW-CAN |
| | Dual Port, Pedestal, 7.0 m (23 ft) Cable with 8 ft Cable Management Kit | CPF50-L23-PEDMNT-CMK8- DUAL-GW-CAN |
| | Single Port, Wall, 7.0 m (23 ft) Cable with 8 ft Cable Management Kit | CPF50-L23-WALLMNT-CMK8- GW-CAN |
| | Single Port, NACS, Wall, 7.0 m (23 ft) Cable | CPF50-L23-GW-NACS-CAN |
| | Single Port, NACS, Pedestal, 7.0 m (23 ft) Cable | CPF50-L23-PEDMNT-GW-NACS-CAN |
| | Dual Port, J1772, Pedestal, 7.0 m (23 ft) Cable | CPF50-L23-PEDMNT-Dual-GW- NACS-CAN |
| | Dual Port, J1772, Pedestal, 7.0 m (23 ft) Cable | CPF50-L23-PEDMNT-CMK8- |

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|---|

Dual-GW-NACS-CAN

| Replacement | 5.4 m (18 ft). 50A, J1772, Charging Cable, CMK | CPFCABLE-T1-50A-L18-CMK-F |
|-------------|---|----------------------------|
| Cable | version | |
| | 7.0 m (23 ft), 50A, J1772, Charging Cable | CPxCABLE-T1-50A-L23-F |
| | 7.0 m (23 ft), 50 A, J1772, Charging Cable, CMK | CPFCABLE-T1-50A-L23-CMK-F |
| | version | |
| NACS | NACS Conversion Kit for CPF50. 7.0 m (23 ft), | CPFCABLE-50A-L23-CMK-NACS- |
| Conversion | 50 A, CMK version. Includes holster insert for | KIT |
| Kits | NACS | |
| | NACS Conversion Kit for CPF50. 5.5 m (18 ft), | CPFCABLE-50A-L18-CMK-NACS- |
| | 50 A, CMK version. Includes holster insert for | KIT |

| Required Companion Products |
|-----------------------------|
| Description |
| ChargePoint Cloud Plan |

| Station Initial Activation* | CPMFHS-ACTIVE |
|-----------------------------|--|
| | |
| | dditionally, for as long as the resident subscribes to Multi-Family Home e stations ("Maintenance Service"). The Maintenance service does not caused by accidents or negligence. |

Percommended Companion Products for Multifamily Application

| Description On | der Code |
|--|------------------|
| ChargePoint Installation and Site Validation | CPF-INSTALLVALID |
| | or |
| | CPF-SITEVALID |
| ChargePoint Assure | CPF-ASSURE-n* |

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General Specifications

Electrical Input

CPF50 supports flexible current settings up to 50 A to fit your needs.

Power Select allows CPF50 stations to be installed and software-configured for current input/output lower than the maximum 50 A rating depending on your electrical and charging requirements. CPF50 Power Select current input/output options include 16 A, 24 A, 32 A, 40 A, and 48 A.

Power Share allows two stations to share power from a single circuit dynamically across the stations, adjusting each station's power output depending on whether one or both are actively charging.

Standard wiring uses an independent circuit for each station. Power Share can be used in combination with Power Select.

| | One Station (AC Voltage 208 / 240 V AC) | | | Two Stations (AC Voltage 208 / 240 V AC) | | |
|---|--|--|---|---|--|--|
| Electrical Input | Input Current | Input Power Connection | Required Service Panel Breaker | Input Current | Input Power Connection | Required Service Panel Breaker |
| Maximum 50A (Standard) | 50 A | One 70 A branch circuit | 70 A dual pole (non- GFCI) | 50 A x 2 | Two independent 70 A branch circuits | 70 A dual pole (non GFCI) x 2 |
| Maximum 50 A (Power Share) | N/A | N/A | N/A | 50A | One 70 A branch circuit split to two | 70 A dual pole (non GFCI) |
| Power Select 16 A – 48 A (Standard) | 16 A – 48 A | One branch circuit rated 125% of input current (20 A – 60 A) | Dual pole (non-GFCI) rated 125% of input current (20 A-60 A) | 16 A – 48 A x 2 | Two independent branch circuits rated 125% of input current (20A - 60 A) | Dual pole (non- GFCI) rated 125% of input current x 2 |
| Power Select 16 A – 48 A (Power Share) | N/A | N/A | N/A | 16A – 48 A | One branch circuit rated 125% of input current (20A to 60 A) split to two | Dual pole (non- GFCI) rated 125% of input current (20 A- 60 A) |
| Service Panel/Breaker GFCI | Do | not provide exter | rnal GFCI as it | may conflict | with internal GF | CI (CCID) |

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| Wiring – Standard | 3-wire (L1, L2, Earth) | 3-wire (L1, L2, Earth) x 2 | |
|----------------------|--|---|--|
| Willing — Standard | No neutral | No neutral | |
| Wiring – Power Share | N/A | 3-wire (L1, L2, Earth) split to 3-wire (L1, L2, Earth) x 2 | |
| Station Power | 2.5 W typical (standby), 4 W maximum (operation) | 5 W typical (standby), 8 W maximum (operation) | |
| | (-), | (-) | |

Electrical Output

Line to Ground Voltage

| Electrical Output | Single Port (AC Voltage 208 / 240 V AC) | Dual Port (AC Voltage 208 / 240 V AC) |
|---|--|--|
| Maximum 50A (Standard) | 12 kW (240 V AC @ 50 A) | 12 kW (240 V AC @ 50 A) |
| Maximum 50A (Power Share) | N/A | 12 kW (240 V AC @ 50A) x 1 or 6 kW (240 V AC @ 25A) x 2 |
| Power Select 16A - 48A (Standard) | 3.8 kW - 11.5 kW (240 V AC @ 16 A - 48 A) | 3.8 kW - 11.5 kW (240 V AC @ 16 A - 48 A) x 2 |
| Power Select 16A - 48A (Power Share) | N/A | 3.8 kW - 11.5 kW (240 V AC @ 16 A - 48 A) x 1 or 1.9 kW - 5.8 kW (240 V AC @ 8A - 24A) x 2 |

Functional Interfaces

| Connector Types | SAE J1772™, NACS |
|-------------------------------------|---|
| Cable Length | 5.4 m (18 ft), 7.0 m (23 ft) |
| Overhead Cable Management System | Optional |
| RFID | ISO 15693 and ISO 14443 Digital RFID card in Apple or Google Wallet |

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DATA

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TOWN

OLYMPUS

APPLICATION

ISO 15118 Protocol Supported by the hardware Network Communication

Fault Indicator per UL

Indicators

WiFi LED

Status LED

| Ground Fault Detection | 20 mA CCID with auto retry |
|---------------------------------|---|
| Open Safety Ground Detection | Continuously monitors presence of safety (green wire) ground connection |
| Plug-Out Detection | Power terminated per SAE J1772™ specifications |
| Power Measurement Accuracy | +/- 2% from 2% to full scale (50A) |
| Power Report/Store Interval | 15 minutes, aligned to hour |
| Local Area Network | 2.4/5 GHz Wi-Fi (802.11 a/b/g/n) |

4G LTE or provided by the ChargePoint Gateway CPGWx if installed

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Safety and Operational Ratings

Station Enclosure Rating Type 3R per UL 50E

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Ordering Information

Safety and Compliance UL and C-UL listed; complies with UL2594, UL2231-1, UL 2231-2. NEC Article 625 compliant. For Canada CSA C22.2, No. 280, 281.1, 281.2, CED UL and C-UL listed per UL916 Energy Management Equipment

| | Energy Star |
|---------------------------------|--|
| | NTEP |
| Station Surge Protection | 6 kV @ 3000 A. In geographic areas subject to frequent thunder storms, supplemental surge protection at the service panel is recommended |
| Short Circuit Current Rating | 5 kA |

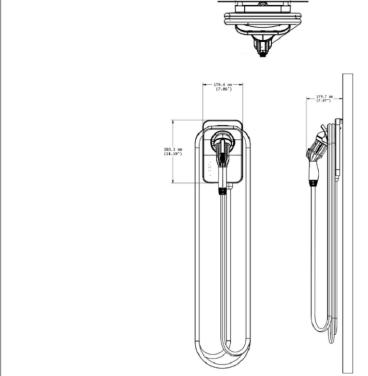
FCC Part 15 Class B

Non-Operating Humidity Up to 95% @+50 °C (122 °F) non-condensing

Operating Temperature | -40 °C to +50 °C (-40 °F to 122 °F)

-40 °C to +60 °C (-40 °F to 140 °F)

Up to 95% @+50 °C (122 °F) non-condensing



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Architectural Drawings

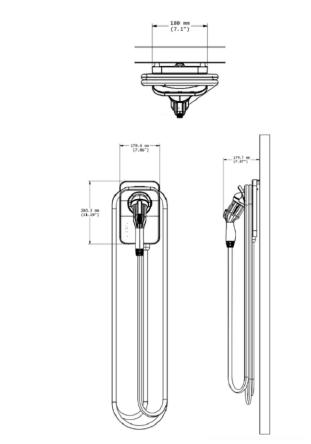
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Note: Images are not to scale. Measurements appear in metric units (mm), followed by imperial equivalents (inches). Single Wall Mount

with 8 ft Cable Management Kit

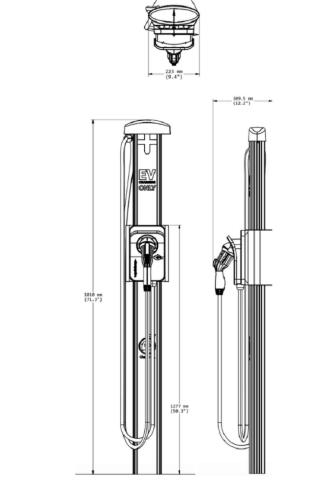
5.4 m (18 ft), 50A, J1772, Charging Cable

CPF50-L23-GW, CPF50-L18-GW 1}

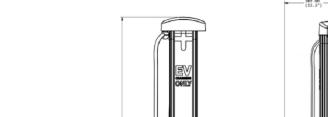


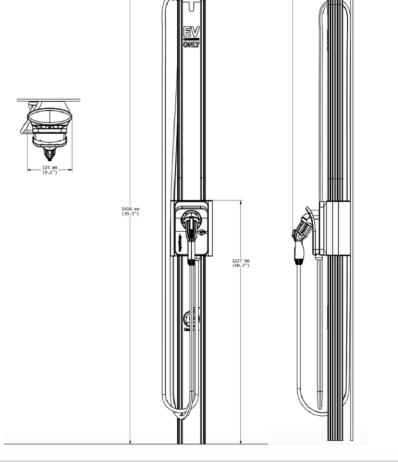
CPF50-L18-WALLMNT-CMK6-GW (6 ft)

Single Wall Mount with Cable Management Kit



Single Wall Mount with Cable Management Kit CPF50-L23-WALLMNT-CMK8-GW (8 ft)

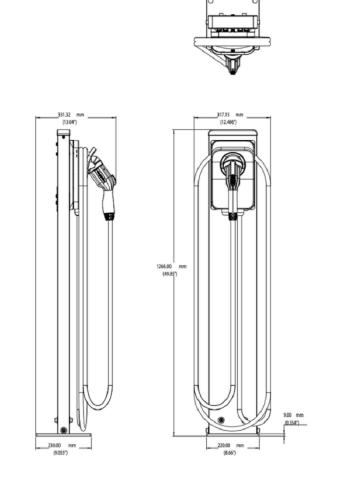




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CPF50-L23-PEDMNT-GW, CPF50-L18-PEDMNT-GW

Single Sided or Dual Back-to-back Pedestal Mount



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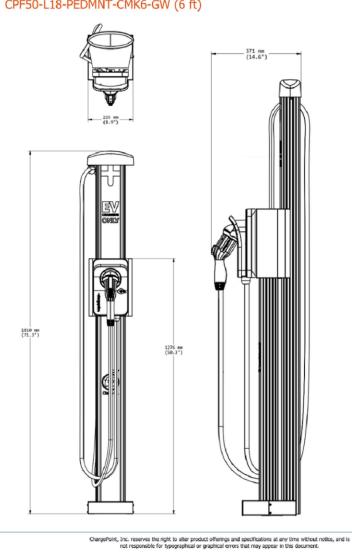
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COMIND008098_34922_OLYMPUS_OLYMPUS TOWN CENTER_EV PERMIT.DWG

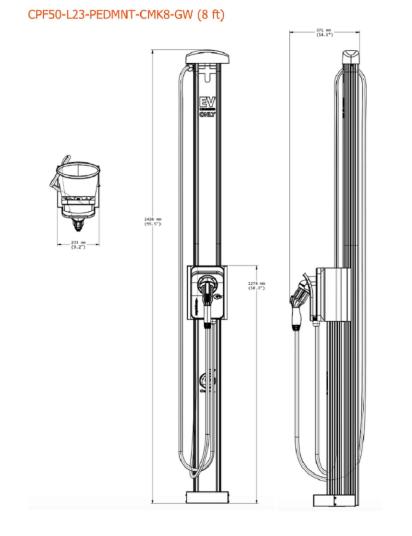
Single Pedestal Mount with Cable Management Kit CPF50-L18-PEDMNT-CMK6-GW (6 ft)

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Single Pedestal Mount with Cable Management Kit

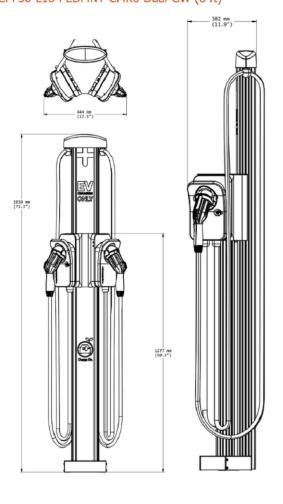


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Dual Pedestal Mount with Cable Management Kit CPF50-L18-PEDMNT-CMK6-Dual-GW (6 ft)

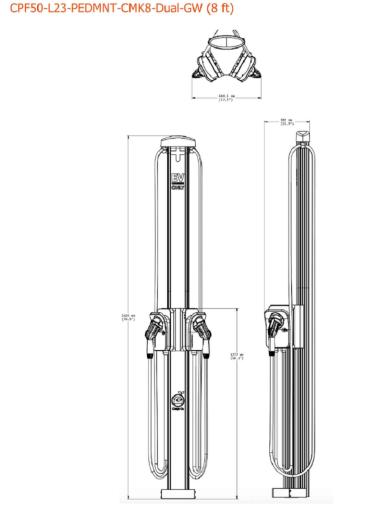
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Dual Pedestal Mount with Cable Management Kit



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Call +1.408.705.1992

Email sales@chargepoint.com



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EVCS DESIGN

ACTION.

DOCUMENTS TEMPLATE: 5.14.2025

DRAWN BY: HB

DATE: 9.2.2025

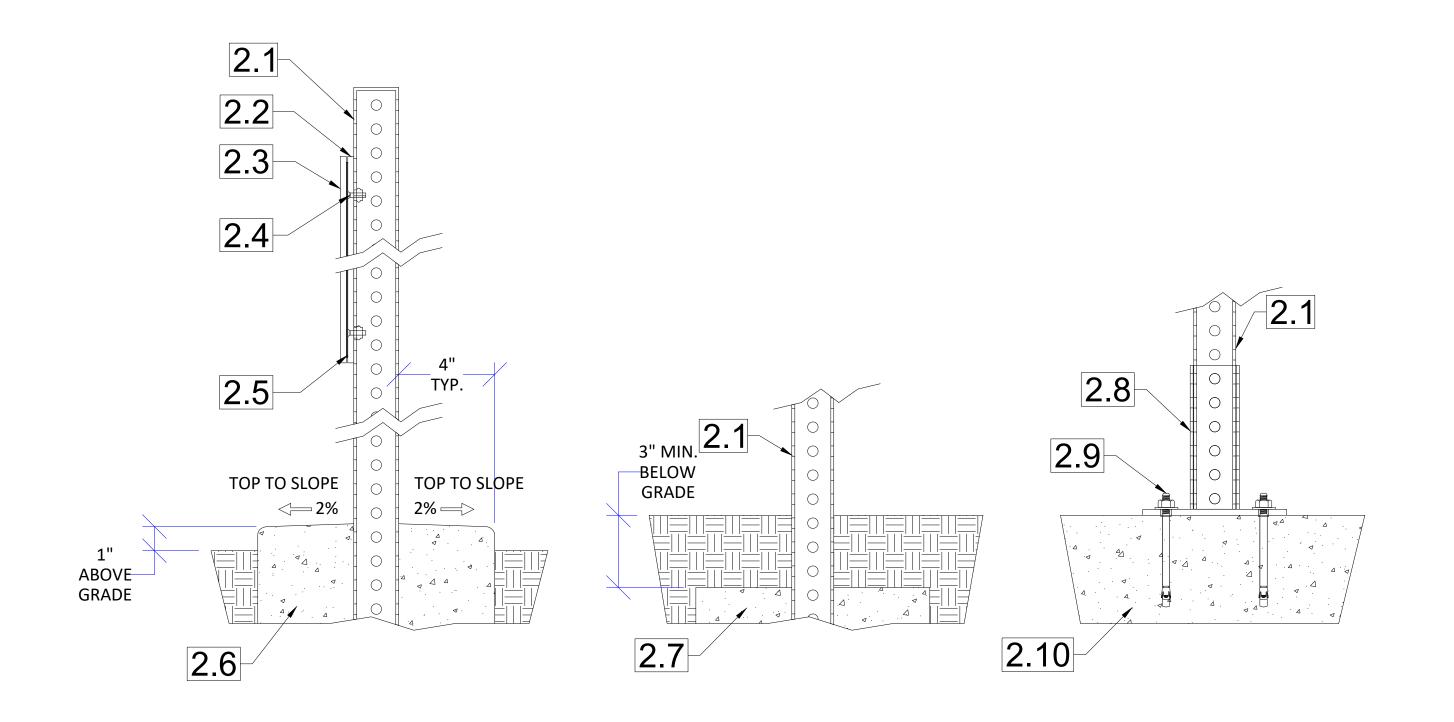
E-09

SCALE: 1-1/2" = 1'-0"

4'-0"

EV SIGNAGE SECTION DETAIL

SCALE: 3" = 1'-0"



KEY NOTES: [#]

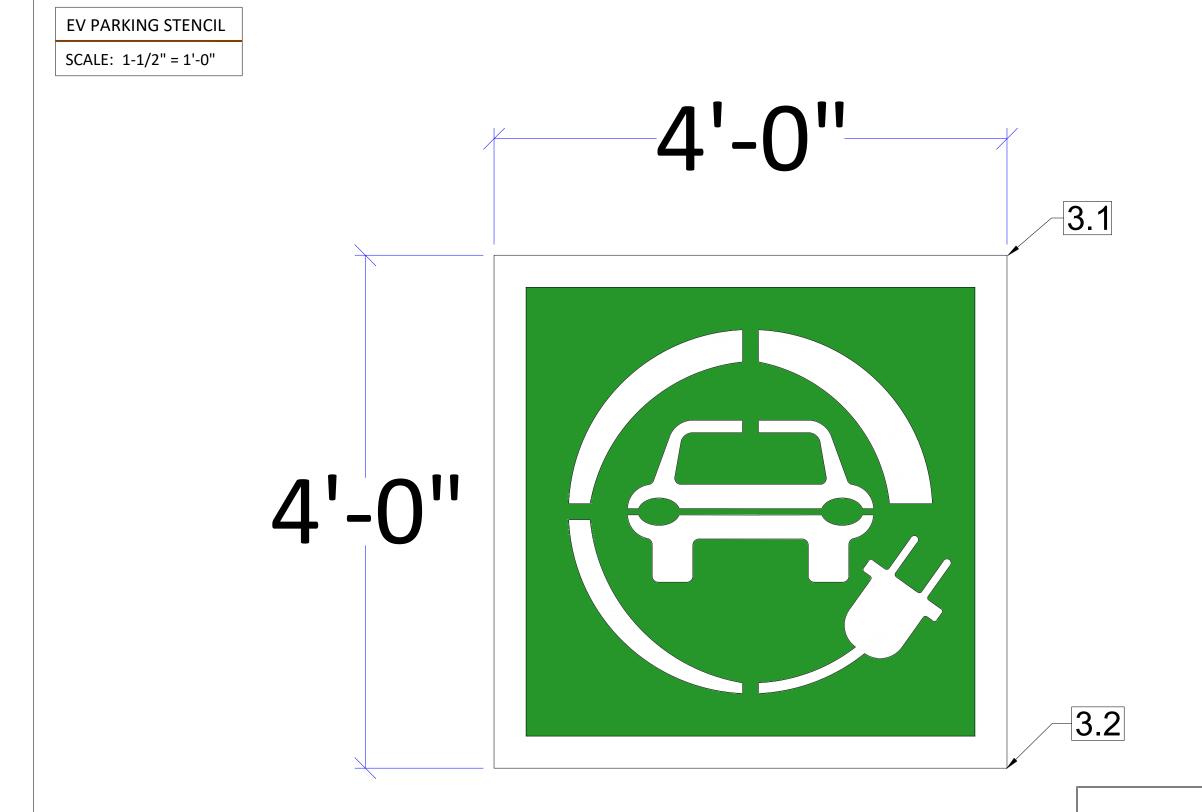
1. BOLLARDS:

- 1.1. GALVANIZED STEEL PIPE ($\frac{1}{4}$ " MIN. WALL).
- 1.2. BLACK PLASTIC CAP.
- 1.3. FINAL GRADE
- 1.4. STAINLESS STEEL MECHANICAL ANCHORS.
- 1.5. CONCRETE ENCASEMENT SHALL BE A MINIMUM OF 6" THICK IN STABLE SOIL OR 12" THICK IN SANDY OR UNSTABLE SOIL.

2. NOT USED.

3. PARKING STENCIL

- 3.1. TRAFFIC ZONE MARKING PAINT (5GAL/BUCKET). GREEN OR WHITE TO CONTRAST SURFACE.
- 3.2. PARKING SPACE STRIPE(S) UTILIZE SAME GREEN OR WHITE PAINT AS EV STENCIL.



Mihl Kmbon

MICHAEL NELSON MASTER ELECTRICIAN (TX): LICENSE #: 261090 Site of the state of the state

REFERENCE DRAWING (EV STENCILS)

PERMIT APPLICATION
OLYMPUS TOWN CENTER
1300 KELLER PARKWAY,

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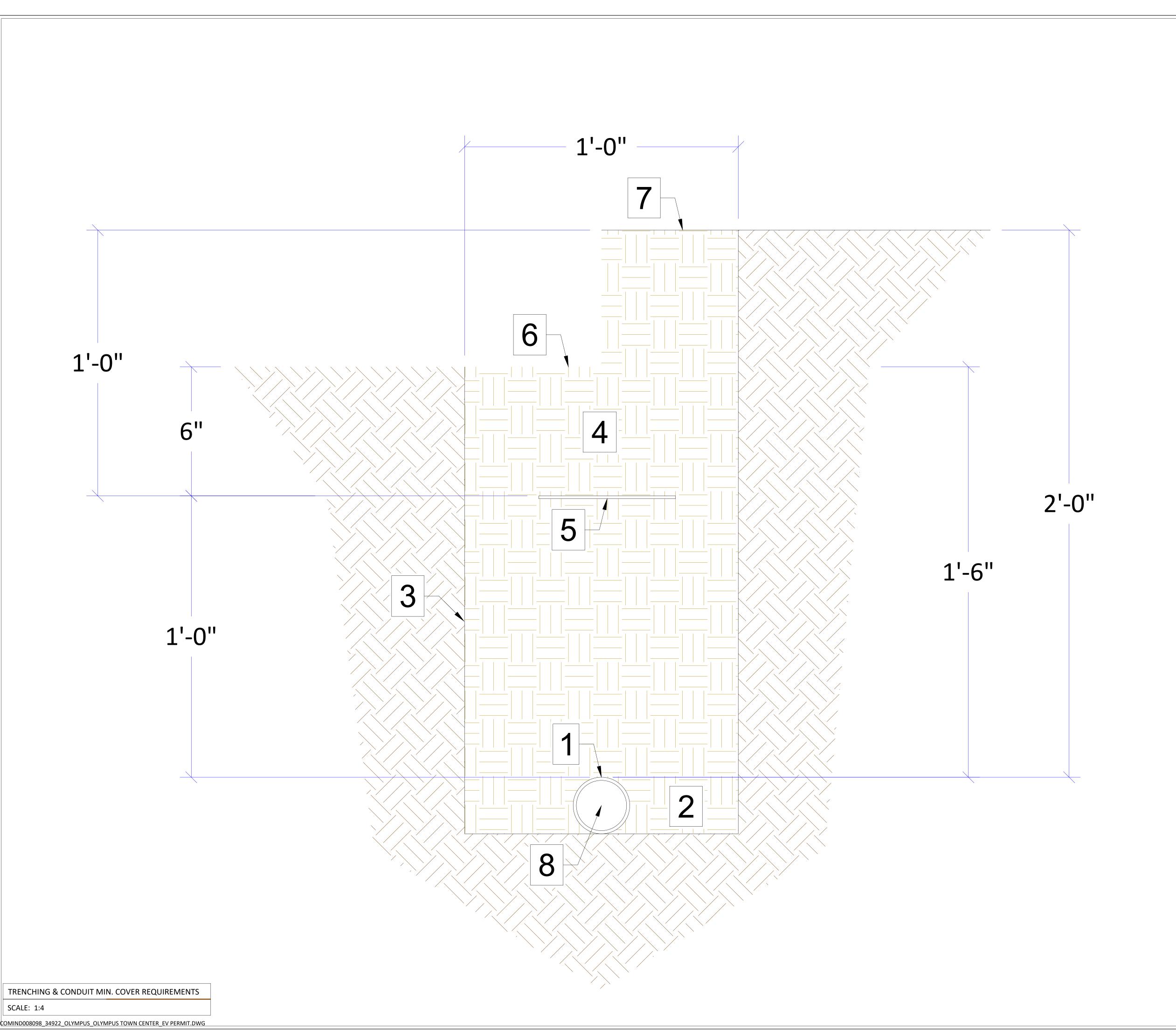
CHECKED BY:

DATE: 9.2.2025

REVISION:

SHEET:

E-10



SCALE: 1:4

KEYNOTES: [#]

- 1. NO OTHER UTILITY CONDUITS SHALL BE INSTALLED DIRECTLY ABOVE ELECTRIC CONDUITS.
- 2. ELECTRIC CONDUITS SHALL BE SEPARATED FROM EXISTING GAS LINES BY A MINIMUM HORIZONTAL CLEARANCE OF 2' (24").
- 3. EXCAVATION EDGE
- EARTH BACKFILL
- 5. WARNING TAPE: 6" DEEP (UNPAVED), 12" DEEP (PAVED)
- 6. UNPAVED EARTH
- ASPHALT OR CONCRETE
- 8. REFER TO CONDUIT AND WIRE SCHEDULE FOR SIZES



REFERENCE DRAWING (TRENCHING)

PERMIT APPLICATION
OLYMPUS TOWN CENTER

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