

# Construction Signoff Form

## Express Distro Power Block 2000, North America Region

This form ensures the site for your ChargePoint® solution has been prepared as specified, by you or by your chosen contractor, before beginning installation. Submit this completed form and the required photos to [installdispatch@chargepoint.com](mailto:installdispatch@chargepoint.com). Detailed datasheets, site design guides, and installation guides defining ChargePoint product specifications are available at [ChargePoint Product Reference Documents](#).



**IMPORTANT:** All installations must comply with local and regional code. ChargePoint provides concrete pad guidance applicable for most sites in the Site Design Guide; however, pad sizes for a given site might be smaller or larger due to site conditions. Ensure site drawings have been completed and approved by a structural engineer for the site.



**IMPORTANT:** If the installer arrives to the installation site and finds any signoff items incomplete, you will incur a separate re-dispatch fee.

## Project Identification

### Project Information

Sales order number / case number:

| Site Information                    | Contractor Information |
|-------------------------------------|------------------------|
| Site address:                       | Company name:          |
|                                     | Site lead name:        |
| Number of stations to be installed: | Site lead job title:   |
| Contact name:                       | Site lead email:       |
| Contact phone:                      | Site lead phone:       |
| Contact email:                      | Date work began:       |

| Station | Serial Number | Station | Serial Number |
|---------|---------------|---------|---------------|
| 1.      |               | 6.      |               |
| 2.      |               | 7.      |               |
| 3.      |               | 8.      |               |
| 4.      |               | 9.      |               |
| 5.      |               | 10.     |               |

## Required Construction Photos

Take the following photos for each station location throughout the site construction process.



**IMPORTANT:** Submit the photos by email to [installdispatch@chargepoint.com](mailto:installdispatch@chargepoint.com). Include the case number or sales order number in the email subject line.

| Required Construction Photos                                                                                                                                                                                                                                                                                                                                   | Photo Submitted                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1. Of completed trenching with conduit (or ducting) laid in place (if applicable).                                                                                                                                                                                                                                                                             | <input type="radio"/> Yes <input type="radio"/> No |
| 2. Prior to concrete pour, and if a Concrete Mounting Template (CMT) is used: <ul style="list-style-type: none"> <li>Of the CMT in proper position and fastened to prevent movement during the concrete pour.</li> <li>Of all anchor bolts correctly inserted into the CMT.</li> <li>Of conduit stub-ups (if used) correctly inserted into the CMT.</li> </ul> | <input type="radio"/> Yes <input type="radio"/> No |
| 3. Of completed concrete pad with anchor bolts and conduit stub-ups (if used).                                                                                                                                                                                                                                                                                 | <input type="radio"/> Yes <input type="radio"/> No |
| 4. Of the overall space around each mounting location, showing all service clearances are available.                                                                                                                                                                                                                                                           | <input type="radio"/> Yes <input type="radio"/> No |
| 5. Of the specification label on the electrical panel, showing total panel capacity.                                                                                                                                                                                                                                                                           | <input type="radio"/> Yes <input type="radio"/> No |
| 6. Of the open electrical panel with the dead front panel removed, showing terminations.                                                                                                                                                                                                                                                                       | <input type="radio"/> Yes <input type="radio"/> No |
| 7. Of the open electrical panel with the dead front panel in place, showing breaker amperage ratings and Power Block 2000 connection labels.                                                                                                                                                                                                                   | <input type="radio"/> Yes <input type="radio"/> No |
| 8. Of the mounting location of each Power Block 2000.                                                                                                                                                                                                                                                                                                          | <input type="radio"/> Yes <input type="radio"/> No |
| 9. Of the front of each AC disconnect (if applicable).                                                                                                                                                                                                                                                                                                         | <input type="radio"/> Yes <input type="radio"/> No |

## Civil Work Checklist

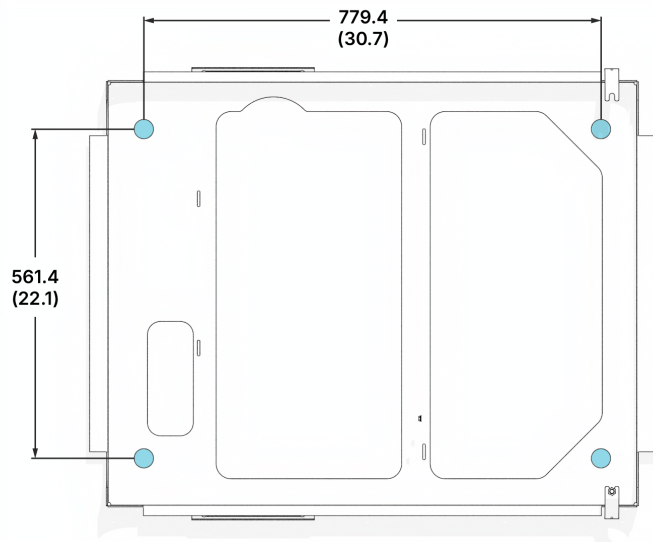
Complete the following civil work checklist for each station location across the site.

| Civil Work Checklist                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Indicate Yes or No<br>Add Comments                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <p><b>1.</b> Confirm the concrete pad was designed, installed, and approved as follows:</p> <p><b>(a)</b> If the pad was newly poured:</p> <ul style="list-style-type: none"> <li>The pad was designed by a structural engineer based on site-specific conditions and based on the structural parameters listed in the <i>Power Block 2000 Site Design Guide</i>.</li> </ul> <p><b>(b)</b> If using existing concrete surface:</p> <ul style="list-style-type: none"> <li>The pad was inspected and approved by a structural engineer based on the structural parameters listed in the <i>Power Block 2000 Site Design Guide</i>.</li> </ul> | <p><input type="radio"/> Yes    <input type="radio"/> No</p> |
| <p><b>2.</b> If a Concrete Mount Template (CMT) is used, confirm that it is embedded 51 mm (2 in) below the finished concrete surface and level with the concrete pad surface. Confirm the CMT is oriented correctly, with the <u>"Front" marking</u> facing the intended direction of the station's front face.</p>                                                                                                                                                                                                                                                                                                                         | <p><input type="radio"/> Yes    <input type="radio"/> No</p> |
| <p><b>3.</b> Confirm the finished mounting surface is smooth and level.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p><input type="radio"/> Yes    <input type="radio"/> No</p> |
| <p><b>4.</b> Determine the projected flood depth for a 100-year flood event at the installation site. If the flood depth exceeds 61 mm (2.4 in), verify that a raised concrete pad has been provided to elevate the Power Block 2000 above the flood level.</p>                                                                                                                                                                                                                                                                                                                                                                              | <p><input type="radio"/> Yes    <input type="radio"/> No</p> |
| <p><b>5.</b> Confirm that any site slopes, walls, or fences do not trap water around the station installation site.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p><input type="radio"/> Yes    <input type="radio"/> No</p> |

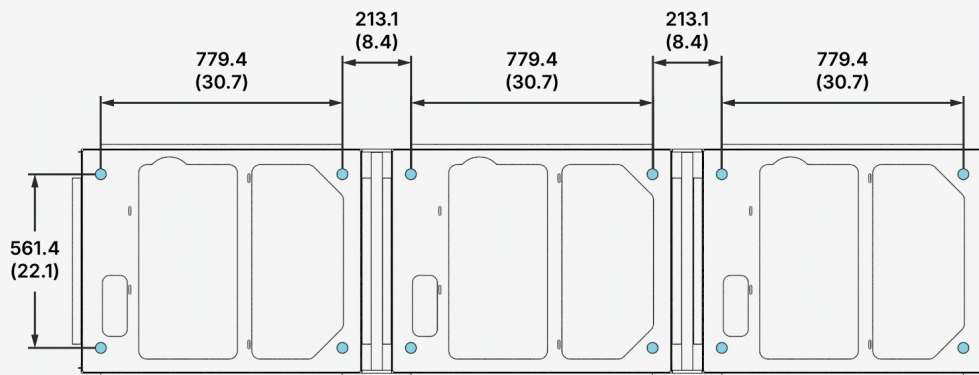
## Anchor Bolt Verification

Power Block 2000 mounts over anchor bolts embedded in a concrete pad. The anchor bolts must align with the anchor bolt hole pattern shown below. The figures show top-down views of the cabinet bottom plate and the corresponding anchor bolt hole locations. Measurements appear in metric units (mm) followed by imperial equivalents (inches).

Single cabinet anchor bolt pattern:



Multi-cabinet anchor bolt pattern:



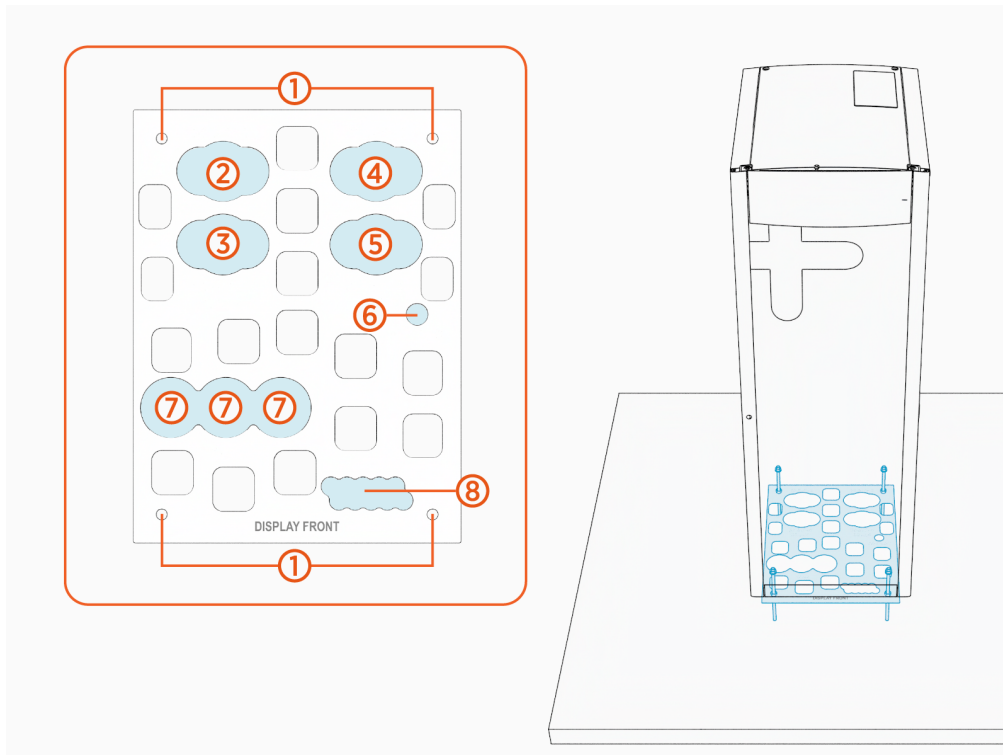
Verify the following:

|                                                                                           | Indicate Yes or No<br>Add Comments |                          |
|-------------------------------------------------------------------------------------------|------------------------------------|--------------------------|
| 1. The correct number of anchor bolts is present (e.g. 4, 8, or 12 bolts, as applicable). | <input type="radio"/> Yes          | <input type="radio"/> No |
| 2. All anchor bolts are M20 threaded, ASTM F1554 Grade 55, and hot-dip galvanized.        | <input type="radio"/> Yes          | <input type="radio"/> No |
| 3. Anchor bolt pattern and spacing match the applicable pattern shown above.              | <input type="radio"/> Yes          | <input type="radio"/> No |
| 4. Anchor bolts are vertically plumb, with no visible lean, tilt, or misalignment.        | <input type="radio"/> Yes          | <input type="radio"/> No |

|                                                                                   | Indicate Yes or No<br>Add Comments                 |
|-----------------------------------------------------------------------------------|----------------------------------------------------|
| 5. 127 mm (5 in) of each anchor bolt extends above the finished mounting surface. | <input type="radio"/> Yes <input type="radio"/> No |

## Conduit/Duct Verification

The Power Block 2000 concrete mount template (CMT) positions the anchor bolts and wire entry points as shown below.



| Ref | 4 DC Output                                    | 8 DC Output           |
|-----|------------------------------------------------|-----------------------|
| (1) | M20 anchor bolts                               |                       |
| (2) | EXT D wires                                    | EXT G and EXT H wires |
| (3) | EXT C wires                                    | EXT E and EXT F wires |
| (4) | EXT B wires                                    | EXT C and EXT D wires |
| (5) | EXT A wires                                    | EXT A and EXT B wires |
| (6) | Shunt trip wires                               |                       |
| (7) | AC input wires                                 |                       |
| (8) | 48 V DC output, Ethernet, and Safety Hub wires |                       |

Verify the following:

|                                                                                                                                                         | Indicate Yes or No<br>Add Comments                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1. For installations using a CMT, confirm the conduits are correctly positioned through the CMT.                                                        | <input type="radio"/> Yes <input type="radio"/> No |
| 2. For installations not using a CMT, lay the CMT over the conduits or ducts to confirm that they follow the layout and orientation defined by the CMT. | <input type="radio"/> Yes <input type="radio"/> No |
| 3. In all cases, verify that the conduit or duct layout is correctly oriented relative to the intended front side of the cabinet.                       | <input type="radio"/> Yes <input type="radio"/> No |



**IMPORTANT:** The following table provides the maximum size and quantity of conduits that can be installed on Power Block 2000 configured for standard wire entry. The actual conduit size and quantity must be chosen based on site specific wiring requirements.

| Conduits For                                               | Conduit Quantity x Trade Size                                                                                                |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| AC input                                                   | 3 x 4 inch max.<br>or<br>4 x 2.5 inch max.                                                                                   |
| External DC output<br>(E.g. EXT A, EXT B, EXT C, EXT D)    | 1 x 4 inch max. per output<br>or<br>2 x 3 inch max. per output                                                               |
| 48 V DC, Ethernet, and Safety Hub (*)                      | 1 x 1 inch to each Power Link<br>1 inch size conduit is required. The quantity of conduits will depend on the configuration. |
| Optional Features<br>(Soft shutdown switch and shunt trip) | 1 x 3/4 inch max. per feature                                                                                                |



**NOTE:** (\*) 48 V DC, Ethernet, and Safety Hub wires travel in the same conduit when connecting Power Block 2000 to a Power Link. Safety Hub wires are required only for certain models of Power Link. Refer to the installation guide of the Power Link model specific to your project to determine if Safety Hub twisted wire connection is required.

Verify the following:

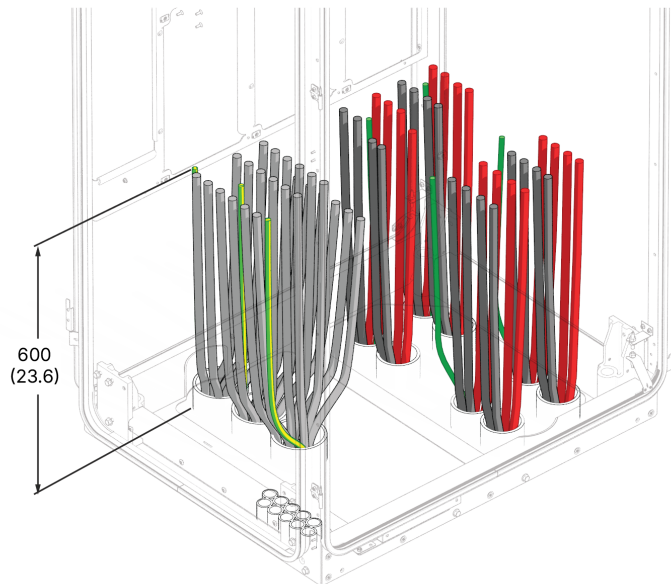
|                                                                                                     | Indicate Yes or No<br>Add Comments                 |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1. Conduits meet the specifications given above.                                                    | <input type="radio"/> Yes <input type="radio"/> No |
| 2. Conduit stub-ups are cut to a height of 13-25 mm (0.5-1 in) above the finished mounting surface. | <input type="radio"/> Yes <input type="radio"/> No |

If using conduits, ChargePoint strongly recommends pulling conductors during cabinet installation rather than during site make-ready.



**NOTE:** Installers should not pull any auxiliary conductors or cables (48 V DC, soft shutdown switch, Safety Hub, Ethernet) until the cabinet is mounted and ready for installation.

If AC input and external DC output conductors are pulled during site make-ready, there must be a minimum conductor length of 600 mm (24 in) from the finished mounting surface.



If conductors are pulled through conduit, verify the following:

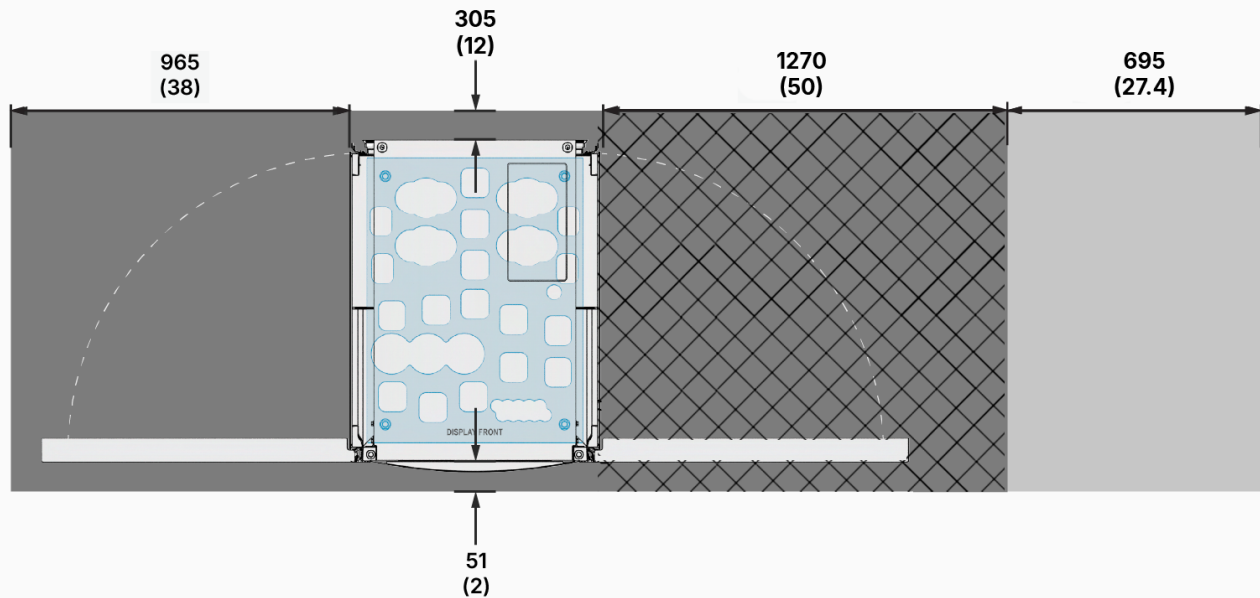
|                                                                                                                     | Indicate Yes or No<br>Add Comments                 |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1. Confirm the AC input and external DC output conductors extend at least 600 mm (24 in) beyond the finished floor. | <input type="radio"/> Yes <input type="radio"/> No |

## Service Clearance Verification

Mandatory and recommended clearance requirements for the single-cabinet Power Block 2000 are given below. The figure shows a top-down view of the Power Block 2000 cabinet overlaid on the CMT.



**NOTE:** Images given in this section are not to scale. Measurements appear in metric units (mm), followed by imperial equivalents (inches).



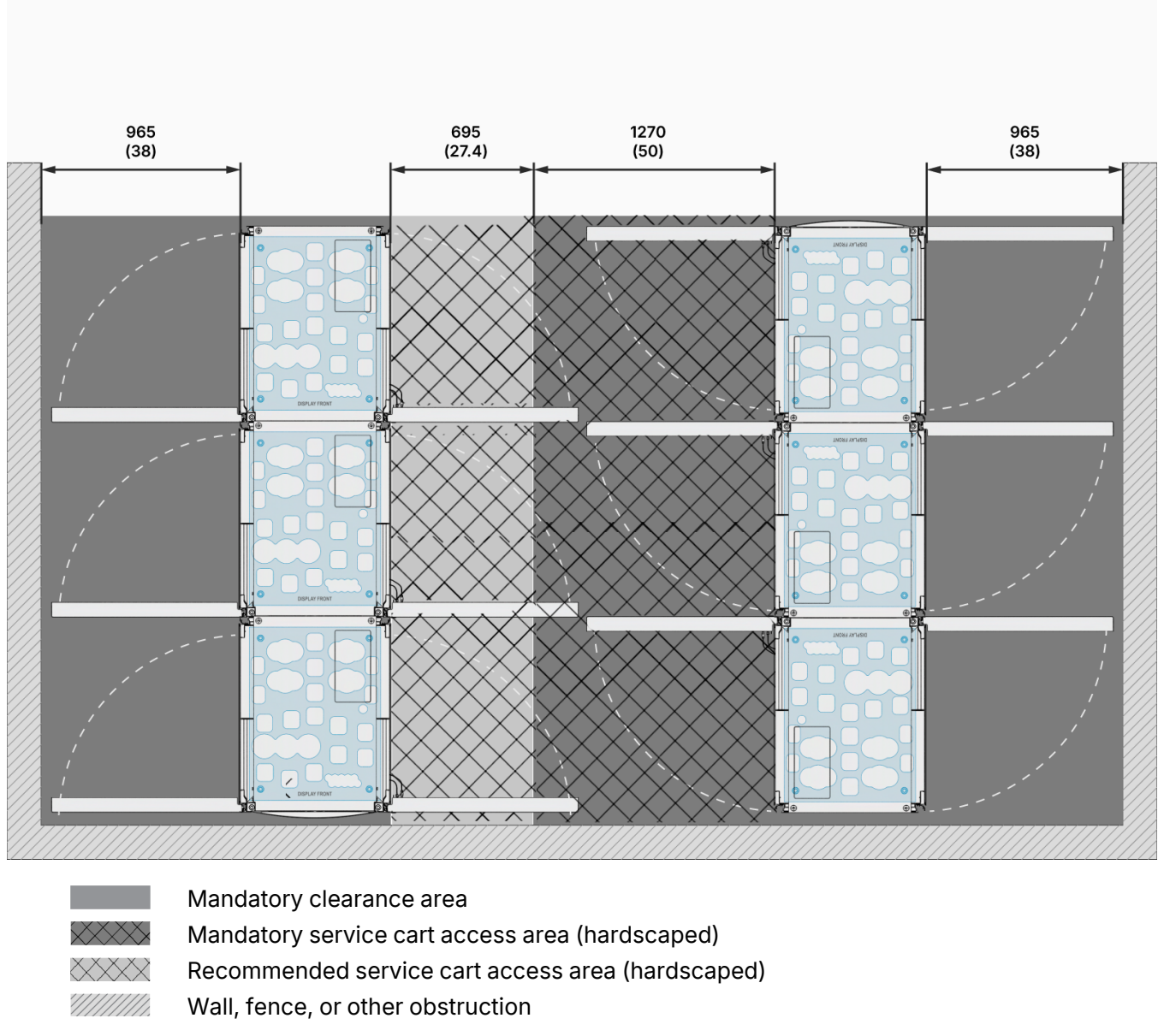
-  Mandatory clearance area
-  Mandatory service cart access area (hardscaped)
-  Recommended additional clearance area

The recommended additional clearance improves serviceability. If this clearance is not available, the door may need to be removed during service.



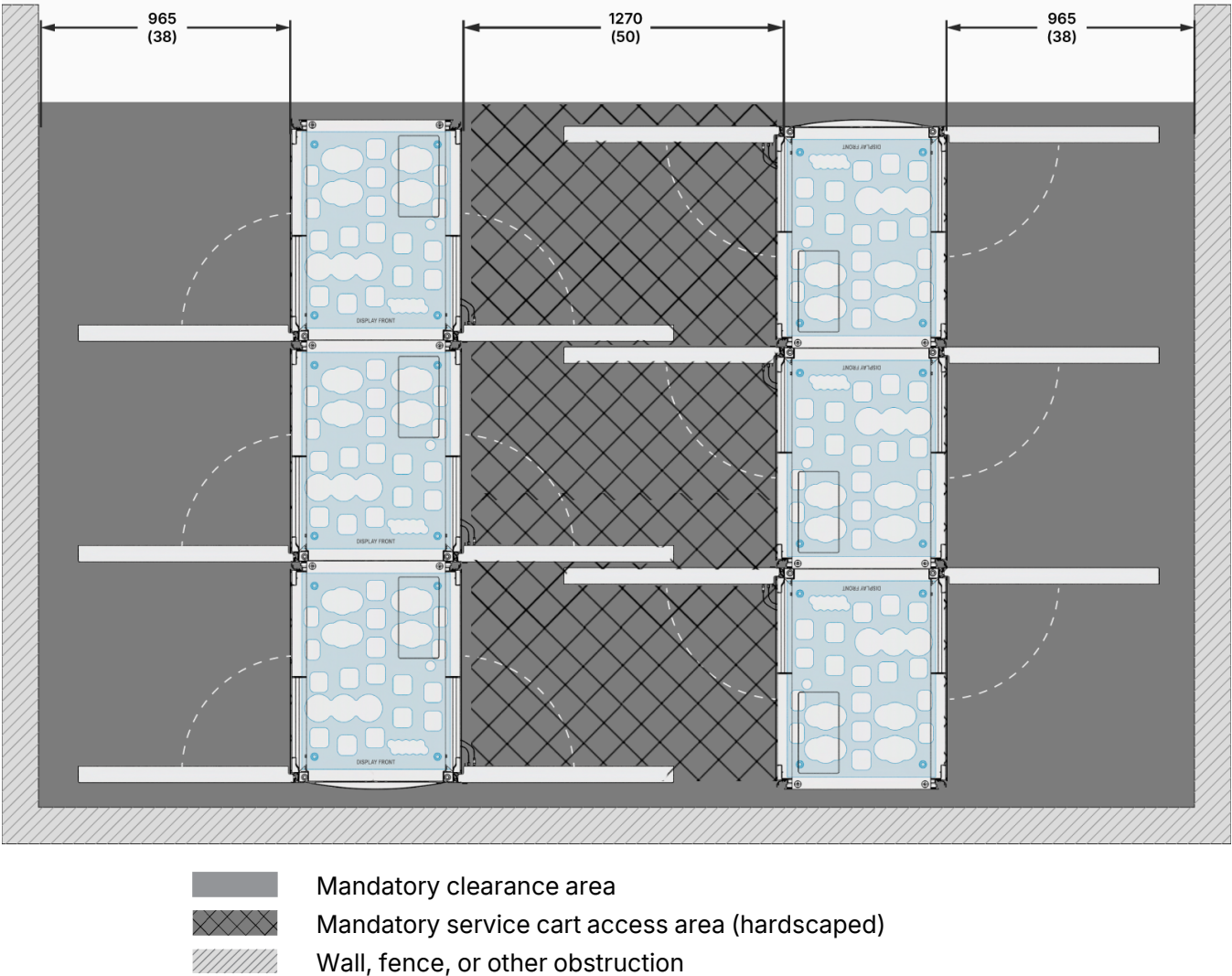
**IMPORTANT:** The mandatory clearance area, mandatory service cart access area, and recommended additional clearance area (if opted) must remain free of obstructions, and the ground within these areas must be firm, stable, at grade (+/- 13 mm or 0.5 in), and free of abrupt elevation changes. The mandatory service cart access area must additionally be hardscaped so that it provides a smooth, load-bearing surface suitable for maneuvering and supporting a wheeled service cart carrying a power module. The combined weight of the service cart and power module may be up to 136 kg (300 lb). A continuous, unobstructed path at least 1270 mm (50 in) wide must be provided to the mandatory service cart access area. Failure to maintain the required clearance areas, access path, or surface conditions may impede or prevent service operations and may result in equipment damage.

Power Block 2000s installed side by side may share clearance areas, as shown below. When installing multiple rows of cabinets, orient the rows so that the air intakes face each other to ensure proper thermal management.



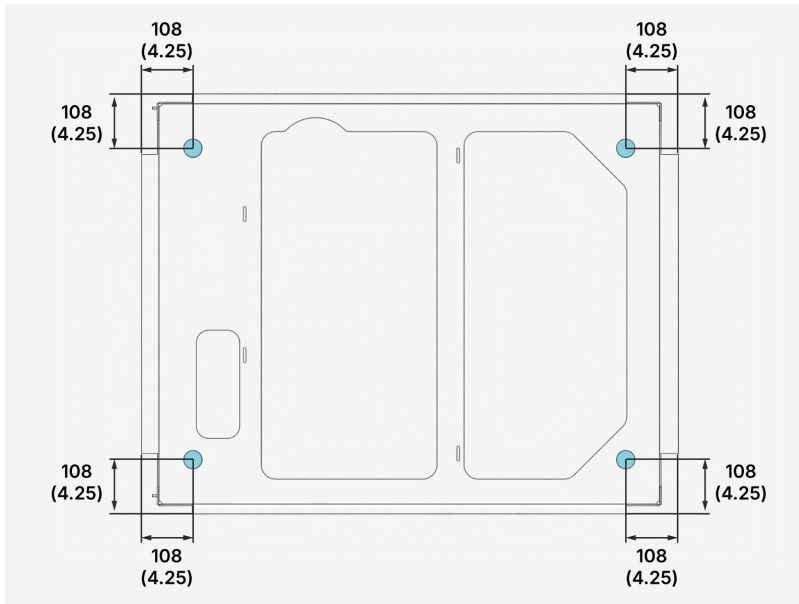
**NOTE:** When sharing side clearances, the recommended additional clearance area is highly advised.

The figure below shows the minimum footprint for two triple-cabinet Power Block 2000s installed side by side.



**NOTE:** In the minimum footprint layout shown above, the surrounding wall limits access, so the doors must be removed for service at two of the aisles.

The figure below shows the Power Block 2000 cabinet footprint relative to the anchor bolt hole locations.



At the site, use the anchor bolt reference diagram to determine the future Power Block 2000 cabinet footprint. Then, measure clearances from the corresponding cabinet footprint.

Verify the following:

|                                                                                                                                   | Indicate Yes or No<br>Add Comments                 |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1. The installed cabinet location will meet all service and clearance requirements given above.                                   | <input type="radio"/> Yes <input type="radio"/> No |
| 2. No walls, fences, curbs, bollards, equipment, vegetation, or other obstructions will encroach on the required clearance areas. | <input type="radio"/> Yes <input type="radio"/> No |

## Electrical Work Verification

### Branch circuits and overcurrent protection

Charging stations are considered continuous load devices (EVs draw maximum load for long durations). Therefore, electrical branch circuits to EV chargers must be sized at 125% of the load on each leg of a 3-phase panel for North American (NA) installations, in accordance with National Electric Code requirements.

When planning multiple EV charging stations, it is best practice to segment non-continuous and continuous loads, with all branch circuits for EV charging on a dedicated electrical panel assembly with adequate circuit breakers. When sizing new electrical panels dedicated for EV charging, all branch circuits must support continuous load.

Power Block 2000 is available in multiple power ratings:

- In the US: 200 kW, 400 kW, 600 kW
- In Canada: 225 kW, 450 kW, 625 kW, 675 kW

Each Power Block 2000 requires its own circuit breaker. Recommended breaker sizing is given below. Check with local code for breaker size requirements.



**IMPORTANT:** The breaker sizes in the **100% Rated column** apply only when using circuit breakers and associated equipment that are specifically listed and installed for **100% continuous operation**. Standard circuit breakers are typically applied under the **80% continuous-load** rule. Do not use the breaker sizes in the 100% Rated column unless the upstream overcurrent protection equipment is specifically rated and installed for 100% continuous loading. Consult applicable electrical codes and manufacturer documentation.

Recommended breaker sizing for the US region (480 V AC):

| Max. Output Power | Max. Input Current | Recommended 100% Rated Breaker | Recommended 80% Rated Breaker |
|-------------------|--------------------|--------------------------------|-------------------------------|
| 200 kW            | 258 A              | 300 A                          | 350 A                         |
| 400 kW            | 515 A              | 600 A                          | 700 A                         |
| 600 kW            | 769 A              | 800 A                          | 1000 A                        |

Recommended breaker sizing for the Canada region (600 V AC):

| Max. Output Power | Max. Input Current | Recommended 100% Rated Breaker | Recommended 80% Rated Breaker |
|-------------------|--------------------|--------------------------------|-------------------------------|
| 225 kW            | 232 A              | 250 A                          | 300 A                         |
| 450 kW            | 463 A              | 500 A                          | 600 A                         |
| 625 kW            | 641 A              | 700 A                          | 850 A                         |
| 675 kW            | 691 A              | 700 A                          | 900 A                         |

**IMPORTANT:**



- For upstream breakers  $\geq 1000$  A, provide GFPE in accordance with NEC and CEC (typically implemented via LSIG breakers).
- For breakers  $< 1000$  A, GFPE is generally not required; LSI or thermal-magnetic breakers may be used subject to coordination requirements.
- Power Block 2000 has a short circuit current rating of 100 kA.

## Wire specifications



**IMPORTANT:** The requirements and specifications in this section reflect what is supported by Power Block 2000. When Power Block 2000 is connected to another ChargePoint product, such as a Power Link charging dispenser or battery, conductor characteristics may be further constrained by the connected product. Refer to the site design guide for each connected product and follow the most stringent requirements.

The following table summarizes the conductor requirements for each circuit.

| Circuit / Application | Min. Conductor Voltage Rating                                                             | Number of Poles | Insulation Type                                                                                           | Conductor Material / Min. Temperature Rating       |
|-----------------------|-------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| AC Input              | 600 V AC                                                                                  | 3 + PE          | Must be THHN/THHW/THW-2/THWN-2, based on the installation environment (e.g., dry, damp or wet conditions) | Must be copper or aluminum, rated for 90°C (194°F) |
| External DC Output    | 1000 V                                                                                    | 2 + PE          | Must be XHHW / XHHW-2, based on the installation environment (e.g., dry, damp or wet conditions)          | Must be copper or aluminum, rated for 90°C (194°F) |
| 48 V DC Output        | 300 V                                                                                     | 2               | Select type to be suitable for the installation environment (e.g., dry, damp or wet conditions)           | Copper wire only                                   |
| Shunt Trip            | Same voltage rating as AC input conductors (due to routing proximity to power conductors) | Twisted pair    |                                                                                                           |                                                    |
| Safety Hub            | 300 V                                                                                     | Twisted pair    |                                                                                                           |                                                    |



**IMPORTANT:** Following are wire design specifications for Power Block 2000, including the maximum quantity and size that the wire terminals can accommodate. All sizing assumes a maximum ambient temperature of 50 °C (122 °F). Where the maximum wire size is listed, the actual wire quantity and size must be chosen based on site-specific wiring requirements and in accordance with the maximum allowed conduit filling rate per local code.

| Wire                                                   | Max. Current                                                                         | Quantity                                | Size                         |
|--------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------|------------------------------|
| AC input (US)                                          | 200 kW unit: 258 A<br>400 kW unit: 515 A<br>600 kW unit: 769 A                       | Max. 18 wires (six per phase)           | Max. 300 MCM                 |
| AC input (Canada)                                      | 225 kW unit: 232 A<br>450 kW unit: 463 A<br>625 kW unit: 641 A<br>675 kW unit: 691 A |                                         |                              |
| AC ground (PE)                                         | -                                                                                    | Max. 3 wires (1 per AC conduit)         | Refer to local code for size |
| External DC outputs (E.g., EXT A, EXT B, EXT C, EXT D) | 250-600 A, depending on Power Link model and configuration                           | Max. 8 wires per output (four per pole) | Max. 300 MCM (*)             |
| DC grounding                                           | -                                                                                    | Max. 2 wires per DC                     | Refer to local code for      |

| Wire                 | Max. Current | Quantity                                                                                        | Size                                                           |
|----------------------|--------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|                      |              | output<br>(1 per output conduit)                                                                | size                                                           |
| 48 V DC output       | 32 A         | Max 4 wires per connected Power Link<br>(2 wire pairs; each pair has one wire per pole)<br>(**) | 6 AWG                                                          |
| Ethernet             | -            | 1 per connected Power Link<br>1 for hardwire Ethernet (if needed)                               | Outdoor-rated Cat6 STP or Paige OSP Shielded GameChanger (***) |
| Safety Hub           | -            | 2 wires per connected Power Link (****)                                                         | 14 AWG                                                         |
| Soft shutdown switch | -            | 2 wires                                                                                         | 14 AWG                                                         |
| Shunt trip           | 6A           | 2 wires                                                                                         | 14 AWG                                                         |



**NOTE:** (\*) If Aluminum AA8000 conductors are used, max. 400 MCM can be accommodated. (\*\*) The required number of 48 V DC wire pairs depends on the distance between Power Block 2000 and Power Link. Refer to the *Power Block 2000 Site Design Guide* for details. (\*\*\*) The required Ethernet cable type depends upon the cable run length. Refer to the *Power Block 2000 Site Design Guide* for details. (\*\*\*\*) Safety Hub is required only for certain models of Power Link. Refer to the installation guide of the Power Link model specific to your project to determine if Safety Hub twisted wire connection is required.

Complete the following electrical work checklist for each station location across the site.

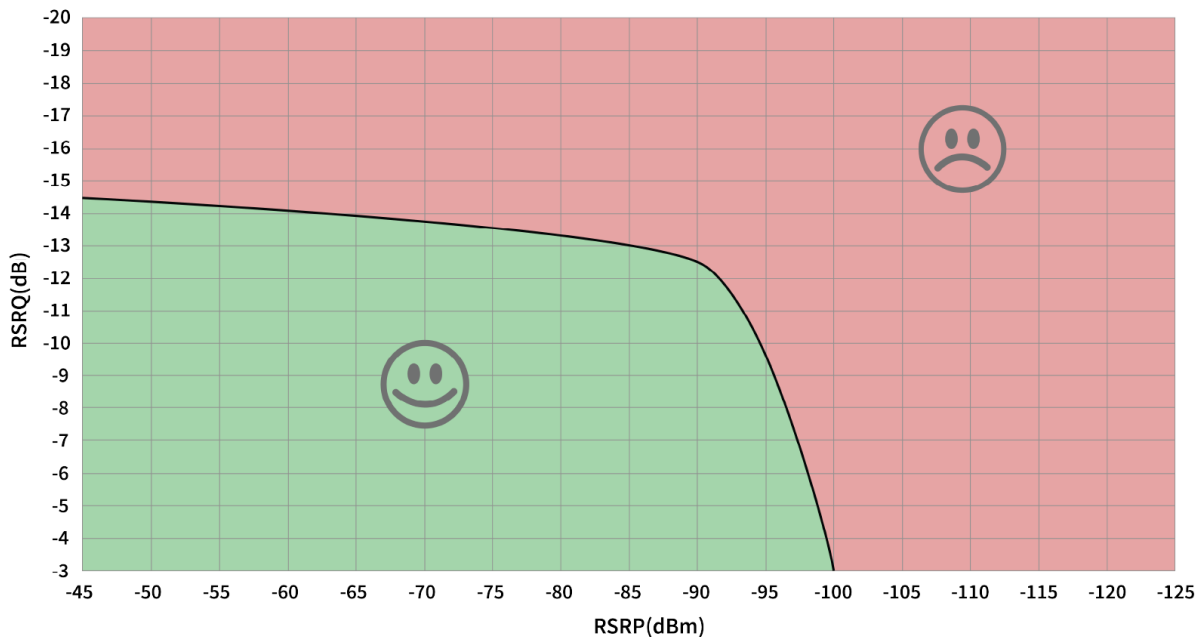
| Electrical Work Checklist                                                                                                                                                                                                                                                                                 | Indicate Yes or No Or Add Value                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 1. Confirm electrical infrastructure has been completed in accordance with all applicable codes and ChargePoint specifications given above.                                                                                                                                                               | <input type="radio"/> Yes <input type="radio"/> No                      |
| 2. Confirm a correctly rated, dedicated breaker is installed for each Power Block 2000, per specifications given above. Record the cabinet power rating and circuit breaker size: <ul style="list-style-type: none"> <li>Cabinet power rating (as listed on nameplate):</li> <li>Breaker size:</li> </ul> | <input type="radio"/> Yes <input type="radio"/> No<br><hr/> <hr/> <hr/> |
| 3. Confirm each circuit breaker is new or in good working order.                                                                                                                                                                                                                                          | <input type="radio"/> Yes <input type="radio"/> No                      |
| 4. Confirm breakers in the panel are labeled correctly.                                                                                                                                                                                                                                                   | <input type="radio"/> Yes <input type="radio"/> No                      |

| Electrical Work Checklist                                                                                                                                                                                                                                                                            | Indicate Yes or No Or Add Value                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 5. If the breaker is sized $\geq 1000$ A, confirm GFPE is installed in accordance with NEC and CEC (typically implemented via LSIG breakers).                                                                                                                                                        | <input type="radio"/> Yes <input type="radio"/> No                            |
| 6. Confirm breakers have shunt trip capability to each Power Block 2000 (if the site drawing calls for shunt trip wiring).                                                                                                                                                                           | <input type="radio"/> Yes <input type="radio"/> No                            |
| 7. Confirm the transformer nameplate shows a grounded WYE (Y) configuration that matches the Power Block 2000 input rating (480 V AC, 3-phase for U.S. installations or 600 V AC 3-phase for Canadian installations). Delta (D), including corner-grounded Delta, configurations are not acceptable. | <input type="radio"/> Yes <input type="radio"/> No                            |
| 8. Confirm AC input conductors meet requirements given above. Record AC input conductor quantity, gauge, insulation type, voltage rating, and temperature rating.                                                                                                                                    | <input type="radio"/> Yes <input type="radio"/> No<br><hr/> <hr/> <hr/> <hr/> |
| 9. Confirm external DC output conductors meet requirements given above. Record the external DC output conductor quantity, gauge, insulation type, voltage rating, and temperature rating.                                                                                                            | <input type="radio"/> Yes <input type="radio"/> No<br><hr/> <hr/> <hr/> <hr/> |
| 10. Confirm 48 V DC conductors meet requirements given above. Record the 48 V DC output conductor quantity, gauge, insulation type, voltage rating, and temperature rating.                                                                                                                          | <input type="radio"/> Yes <input type="radio"/> No<br><hr/> <hr/> <hr/> <hr/> |
| 11. If applicable, confirm shunt trip conductors meet requirements given above. Record the shunt trip conductor quantity, gauge, insulation type, voltage rating, and temperature rating.                                                                                                            | <input type="radio"/> Yes <input type="radio"/> No<br><hr/> <hr/> <hr/> <hr/> |
| 12. If applicable, confirm Safety Hub conductors meet requirements given above. Record the Safety Hub conductor quantity, gauge, insulation type, voltage rating, and temperature rating.                                                                                                            | <input type="radio"/> Yes <input type="radio"/> No<br><hr/> <hr/> <hr/> <hr/> |
| 13. Record the maximum Power Block 2000 to Power Link charging dispenser distance.                                                                                                                                                                                                                   | <hr/> <hr/> <hr/>                                                             |

| Electrical Work Checklist                                                                                              | Indicate Yes or No Or Add Value                    |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 14. Record the maximum Power Block 2000 to service panel distance.                                                     | <div></div> <div></div>                            |
| 15. If wires are pulled, return this form with insulation test reports for AC input and External DC output conductors. | <input type="radio"/> Yes <input type="radio"/> No |

## Network Connectivity Validation

You must test the LTE signal strength at the proposed mounting location of every station and ensure the location meets the minimum RSRQ at -12.5 dB or better, for RSRP measured at -90 dBm or better. Refer to the graph below for acceptable combinations.



**IMPORTANT:** In regions where cellular signal repeaters are permitted, ChargePoint recommends installing a properly configured cellular repeater when signal strength or quality is below the specified requirements. Sites that do not meet the specified cellular signal requirements may result in commissioning issues and additional service fees.

Record the measured cellular signal strength below:

| Carrier Name | 5G (dBi) | 4G (dBi) | 3G (dBi) | RSRQ | RSRP |
|--------------|----------|----------|----------|------|------|
| 1.           |          |          |          |      |      |
| 2.           |          |          |          |      |      |
| 3.           |          |          |          |      |      |

## Site Comments and Signoff

| Site Comments |
|---------------|
|               |

I, \_\_\_\_\_ hereby certify that the scope of work in this form has been correctly completed.

| Signature | Date |
|-----------|------|
|           |      |



[chargepoint.com/support](https://chargepoint.com/support)