

## BULLETIN 02-2017

Dec 15, 2017

**TO: LICENSED ELECTRICAL CONTRACTORS  
ELECTRICAL CONSULTANTS AND ENGINEERS**

**SUBJECT: GENERAL BULLETIN, 2018 CANADIAN ELECTRICAL CODE  
CHANGES, AND ELECTRIC SERVICE REQUIREMENT CHANGES OR ADDITIONS**

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### **Item #1 – Superseded Bulletins and Information Items**

**This Bulletin supersedes Item #3 & Item #6 of Bulletin 01-2017 with Item #2 and Item #3 of this bulletin.**

The information contained herein is to be used in conjunction with the 2015 Canadian Electrical Code, Part 1, C22.1-15, and may be amendatory of the 2015 Saskatchewan Interpretations.

**Please contact your local Electrical Inspector if you have concerns or questions.**

### **Item #2 – Limiting Current Output (Choking) of a Dry Type Transformers 750 V or Less, CEC Rule 26-256**

If the secondary conductors or equipment connected to the secondary of the transformer are less than 1.25 x the transformer's rated secondary current, but equal to or greater than the primary overcurrent (OC) multiplied by the transformers turns ratio, secondary OC protection is not required. **The primary OC device shall be labelled to indicate the maximum rating of the OC protection.**

### **Item #3 – Excerpt from 2018 CEC Rule 8-104(5),(6),(7) & (8), & 2-100**

#### **Rule 8-104(5),(6),(7) & (8) – Maximum Circuit Loading,**

The original wording can be replaced with the following from August 2016 Memorandum of Revision;

- (5) Where a fused switch or circuit breaker is marked for continuous operation at 100% of the ampere rating of its overcurrent devices, the continuous load as determined from the calculated load shall not exceed the continuous operation marking on the fused switch or circuit breaker; and
- (a) Except as required by item (b), shall not exceed 100% of the allowable ampacities of the conductors selected in accordance with Section 4; or
  - (b) shall not exceed 85% of the allowable ampacities of single conductors selected in accordance with Section 4.

- (6) Where a fused switch or circuit breaker is marked for continuous operation at 80% of the ampere rating of its overcurrent devices, the continuous load as determined from the calculated load shall not exceed the continuous operation marking on the fused switch or circuit breaker; and
- (a) Except as required by item (b), shall not exceed 80% of the allowable ampacities of conductors selected in accordance with Section 4; or
- (b) shall not exceed 70% of the allowable ampacities of single conductors selected in accordance with Section 4.

Note - Subrules (7) & (8) are deleted

### **2-100 – Marking of equipment**

Where the **Maximum Continuous Load** allowed on a fused switch or circuit breaker as determined from rule 8-104(5)&(6) is less than the continuous operating marking of the fused switch or circuit breaker, a permanent, legible caution label shall be installed adjacent to the circuit breaker to indicate the maximum continuous load permitted. **Labels shall be white lettering 9.5mm in height on a red background**

**This label will now be required at the main breaker where the selection of service or feeder conductors is in accordance with Table 39.**

**Item #4** – Excerpt from 2018 CEC Rule 10-004, 10-100, 10-210, 10-500, 10-614, - see New Table 16 & New Figure 3 & Figure 3a

### **10-004 Special Terminology (see Appendix B)**

**Equipotentiality** – the state in which conductive parts are at a substantially equal electric potential

**System bonding jumper** — a connection between the system grounded point and the non-current-carrying conductive parts of the electrical system to establish a solidly grounded system.

### **10-100 Current over grounding conductors (see Appendix B)**

There shall be no objectionable passage of current over a grounding conductor. For the purpose of this rule, neutral current is considered to be ‘objectionable’ current.

### **10-210 Grounding connections for solidly grounded ac systems supplied by the supply authority (see Appendix B)**

The grounded conductor of a solidly grounded ac system supplied by the supply authority shall

- (a) be connected to a grounding conductor **at one point only** at the consumer’s service;
- (b) have a minimum size as specified
  - (i) for a bonding conductor; and
  - (ii) for a neutral conductor when the grounded conductor also serves as a neutral;
- (c) be connected to the equipment bonding terminal by a system bonding jumper; and
- (d) have no other connection to the non-current-carrying conductive parts of electrical equipment on the supply side or the load side of where the grounding connection is made.

### **10-500 Current over bonding conductors (see Appendix B)**

There shall be no objectionable passage of current over a bonding conductor. For the purpose of this rule, neutral current is considered to be ‘objectionable’ current.

**10-614 Size of system bonding jumper or bonding conductor (see Appendix B)**

- 1) The size of a field-installed system bonding jumper shall not be less than that determined by the application of Table 16 based on the ampere rating or setting of the overcurrent device protecting the ungrounded conductors.
- 2) The size of the bonding conductor installed in accordance with rule 10-604 at service equipment shall not be less than that determined by the application of Table 16 based on the allowable ampacity of the largest ungrounded conductor.
- 3) The size of a field-installed bonding conductor installed at other than service equipment shall not be less than that determined by the application of Table 16 based on
  - a) the overcurrent device protecting the ungrounded conductors; or
  - b) the allowable ampacity of the largest ungrounded conductor for installations where the size of the circuit conductors is increased to compensate for voltage drop.
- 4) The size of a field-installed bonding conductor installed with each group of parallel conductors run in separate raceways or cables, shall be in accordance with Subrule (3) divided by the number of groups of parallel conductors.
- 5) Notwithstanding Subrules (2), (3) and (4), the bonding conductor shall not be required to be larger than the current-carrying conductors.
- 6) A metal raceway that is permitted to be used as a bonding conductor shall be considered to meet the requirements of this rule.
- 7) A bonding means that is integral to a cable assembly shall be considered to meet the requirements of this rule.

**Table 16**  
**Minimum size of field-installed system bonding jumper and bonding conductor**  
 (see Rule 10-614 as above)

Ampere Rating or setting of overcurrent device protecting conductor(s), equipment, etc. Not Exceeding	Allowable Ampacity of largest ungrounded conductor or group of conductors. Not exceeding	Minimum size of system bonding jumper and bonding conductor			
		Wire		Bus	
		Copper (AWG or kcmil)	Aluminum (AWG or kcmil)	Copper (mm <sup>2</sup> )	Aluminum (mm <sup>2</sup> )
20		14	12	2.0	3.5
30		12	10	3.5	5.5
60		10	8	5.5	8.5
100		8	6	8.5	10.5
200		6	4	10.5	21.0
300		4	2	21.0	26.5
400		3	1	26.5	33.5
500		2	0	33.5	42.5
600		1	00	42.5	53.5
800		0	000	53.5	67.5
1000		00	0000	67.5	84.0
1200		000	250	84.0	127.0
1600		0000	350	107.0	177.5
2000		250	400	127.5	203.0
2500		350	500	177.5	253.5
3000		400	600	203.0	355.0
4000		500	800	253.5	405.5
5000		700	1000	355.0	507.0
6000		800	1250	405.5	633.5

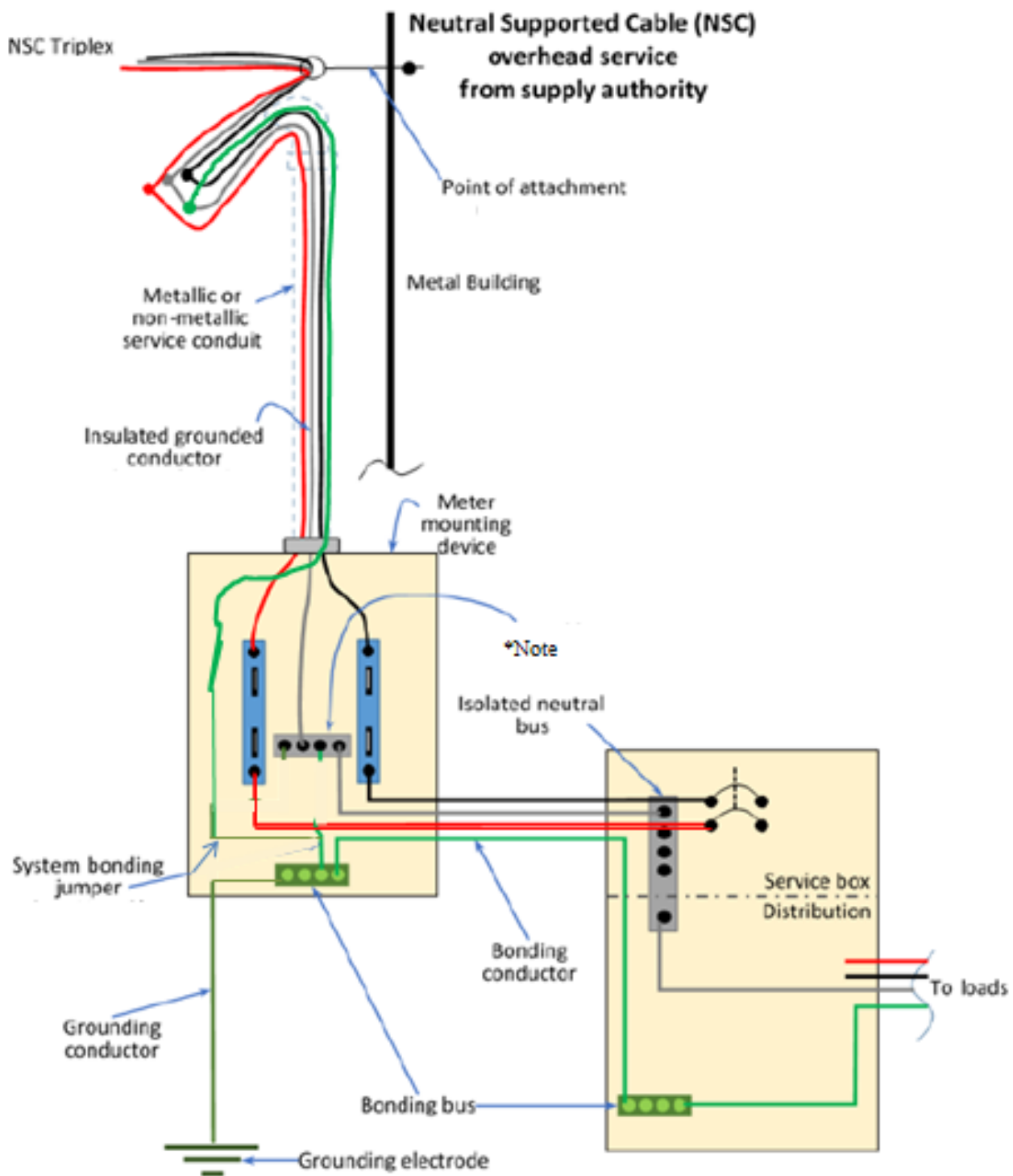


Figure 3

\*Note - This method shall be used when an isolated neutral is available for the meter socket

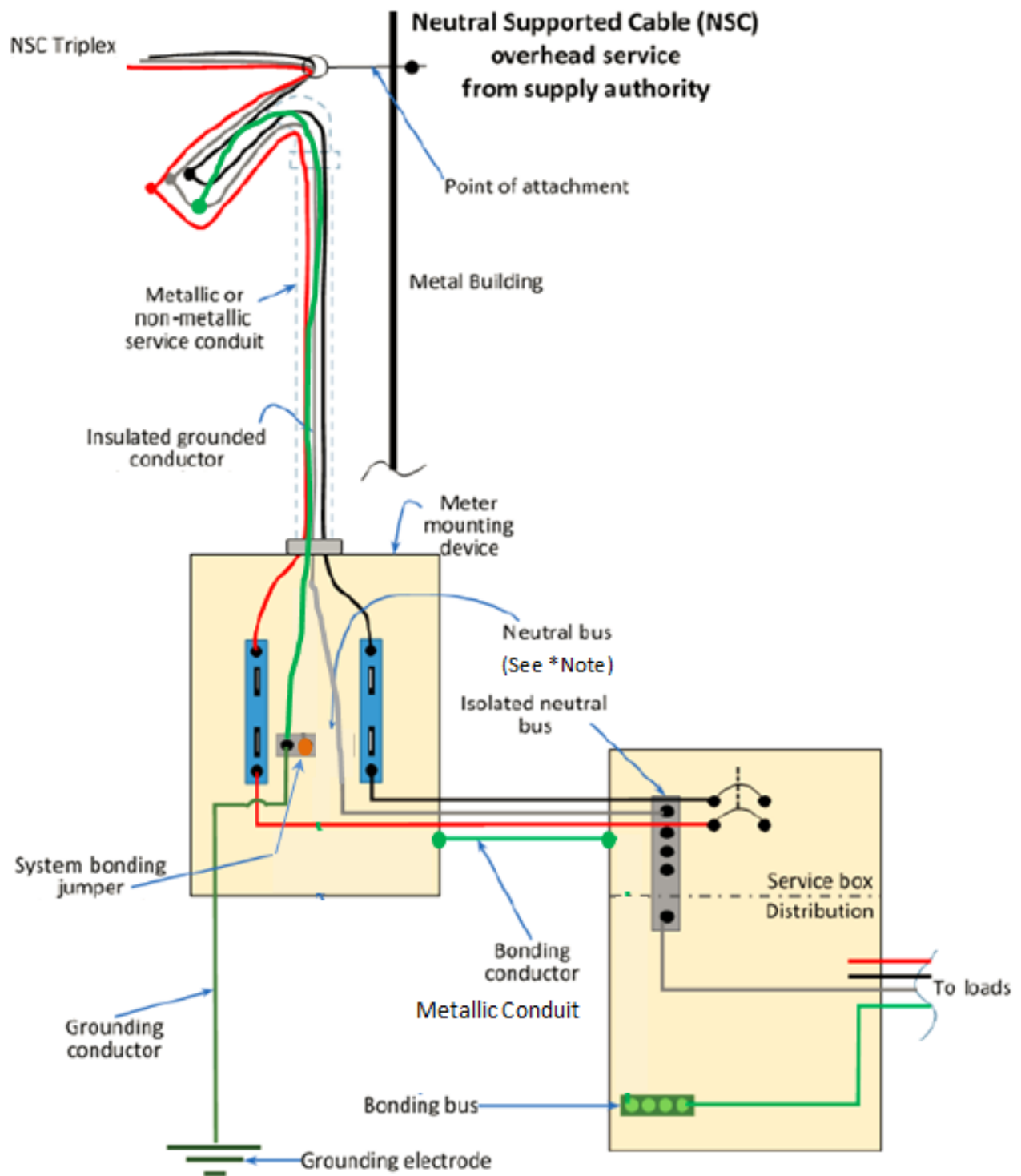


Figure 3a

\*Note – This method may be used when an older style (round or square) meter socket without the isolated neutral is used or reused

**Item #5 – Granular Fertilizer Storage, CEC Rule 22-202**

All electrical equipment installed for bulk granular fertilizer storage buildings, bins, load and unload equipment, distribution chutes and augers and surrounding exterior areas, subject to corrosion under normal operation of the equipment from a combination of the fertilizer dust and humidity/moisture, must be approved for the location in accordance with Rule 2-116. Protection from corrosion may include cold shrink coverings, use of aluminum, 304 stainless steel or equivalent bolts, screws, struts etc. Non-essential equipment shall not be installed in handling or processing areas.

**Cadmium Plating and Galvanized coatings are not considered corrosion resistant in these environments**

Raceways shall be PVC, or aluminum, with fittings and enclosure entries of such design as to not constitute dissimilar metals in contact with each other, and to exclude dust.

Teck 90 cable with non-corrosive fittings shall be permitted to be installed in bulk fertilizer storage structures.

Equipotential grounding and bonding conductors shall be of copper or equivalent and insulated where exposed to corrosion. Any terminations shall be protected from corrosion by an approved sealant or epoxy paint.

**Please contact your local inspector for a site inspection if required.**

**Item #6 – Tamper Resistant Receptacles in other than dwelling units CEC Rule 26-700(12)**

All receptacles of CSA configuration 5-15R and 5-20R shall be tamper-resistant and shall be so marked, when such receptacles are installed in:

- a) Child care facilities
- b) Guest rooms and guest suites of hotels and motels; or
- c) Pre-schools and elementary education facilities.

The shared areas in joint facilities which may be accessed by children up to elementary school age, shall also require tamper-resistant receptacles. Please check with the Inspection department if further clarification is required.

Portable class rooms shall be built with TR receptacles if attached to or intended for an elementary school. Relocated portables shall dealt with on a case by case basis however if the wiring requires maintenance due to wear and tear, the receptacles shall be made to comply.

**Item #7 – Receptacles for Maintenance of Equipment on Rooftops, CEC Rule 26-704**

A receptacle is now required, for maintenance purposes, on all commercial or industrial buildings that have rooftop electrical equipment such as RTU's, ventilation, solar panels, etc.

**A receptacle that is an integral part of the rooftop unit meets the intent of this rule.**

**Replacement** of a rooftop unit **will not** require an upgrade to meet the intent of this rule.

## **Item #8 – Arc-Fault Protection in Detached Garages or Out Buildings, CEC Rule 26-724**

Where a branch circuit feeds receptacles (rated 125 volt, 20 amps or less) that are associated with but outside the dwelling unit such as in a yard, accessory building or detached garage, AFCI protection as described in 26-724 (f) and (g) **is not required**.

## **Item #9 – Underground Consumer's Services on New Housing, CEC Rule 6-300**

### **6-300 - Underground Consumer's Services on New Housing**

Caution must be taken by the Electrical Contractor when installing a customer owned underground service from the meter socket to the panel location.

The consumer's underground cable must be installed tight to the basement wall anywhere within 1.5 meters of the meter socket location. This will prevent the cable from being damaged when the utility trenches in their underground service cable from the pole or pedestal to the socket. Once the cable is past the 1.5 meter distance, it may then be installed out away from the basement wall.

If being installed prior to backfilling the cable shall be taken down to undisturbed soil just above or below the weeping tile in 150mm of sand or in conduit to protect it from damage and settling during back fill.

As per 12-012(11) & (12), the installation will also require frost sleeves at both ends and marking tape must be installed in the cable trench.

Underground service entrance cable as described in Table 19 shall be allowed to be supplied from a branch circuit overcurrent device when used as an underground feeder.

## **Item #10 – SaskPower Electrical Inspections Registered Contractor Program**

Electrical contractors can now take advantage of a 10 per cent discount for electrical permits!

To improve and maintain safety and consistency of electrical installations, SaskPower is introducing the Registered Electrical Contractor Program to Saskatchewan. The Program will reward electrical contractors who demonstrate a one year cycle of permitting with the discount.

### **How Do I Qualify?**

- Participate in a continuing education program under the umbrella of the Electrical Contractors Association of Saskatchewan;
- Maintain a defect ratio of four per cent or below on all inspected permits and have a minimum of 20 inspected permits per year;
- Have no incidents of unreported work and disclose all information related to the electrical installation/permit;
- Take out online permits only; and
- Correct any defects within the date of expiry and have no incidents of bond action (an incident of bond action will result in the immediate loss of status).

## How Does It Work?

- Beginning Jan. 1, 2018, contractors will have their history tracked to verify that all requirements have been met;
- Successful contractors will be notified in November 2018 that they have achieved Registered Contractor Status;
- Once a contractor has reached registered status, the 10 per cent rebate is applied to all permits starting Jan. 1, 2019; and
- Contractors will be required to meet the standards annually to remain a Registered Contractor and will continue to have their history tracked.

## Inquiries

Contact Scott Mccorrison at 306-566-2516 or Rod Pack at 306-934-7720 for more information.

### **Item #11 – Unreported Work Penalty – Electrical Inspections Regulation**

The Electrical Inspection regulation has been changed and the un-reported work penalty has been increased from \$250 to \$2500.

#### Maximum penalty

The maximum amount of a penalty that may be imposed pursuant to section 28.2 of the Act for performing work of electrical installation without a permit is \$2,500 for each item of work performed without a permit.

### **Item #12 – Energization Stickers**

As a reminder, energization stickers shall not be applied to any meter socket unless **a paid Electrical Permit has been obtained for the service.**

Failure to comply with the specific requirements listed for the application of energization stickers by the Electrical Contractor, will result in fines and penalties being assessed against the contractor.

**Provided by the Electrical Inspections Offices of SaskPower**



## SaskPower Electric Service Requirements Bulletin 2017-01

### 2017 Electric Service Requirements (ESR) Update

The ESR has been under review and an updated document will be released for use January 1, 2018. Enforcement will coincide with quote acceptance. Any service quote accepted after January 1, 2018 will be required to comply with the new requirements. An updated version of the document will be available on the SaskPower website November 24<sup>th</sup> at the following link:

<http://www.saskpower.com/accounts-and-services/service-requests/electrical-permits-and-inspections/electric-service-requirements/>

The structure of the document has changed significantly in an attempt to be more definitive and add clarity to the requirements. All users of the document are encouraged to read the updated version to ensure all new installations are compliant.

There are four significant requirement changes that impact both SaskPower and external electrical contractor personnel. Significant requirement changes are as follows:

1. Use of 400 A Self-Contained Meter Sockets – the use of 400 A self-contained meter sockets will no longer be allowed. The 400 A self-contained meter socket limits the ability of SaskPower operating personnel to isolate metering equipment for individual customers when multiple customers are served, and the current meter socket configuration does not align with industry practice in other jurisdictions. Several options are available for 400 A services, and SaskPower has expanded the requirements for customer supplied termination enclosures to include 400 A services (refer to Appendix I for updated drawings pertaining to this change).
2. 5 Jaw 3S Form Meter Socket Requirement – all new single phase services exceeding 200 A will now require a 5 jaw 3S form meter socket with provision for a test switch, and no circuit closer. Changes pertaining to this new requirement are outlined in Figure 2-27.
3. Meter Marking for Multiple Meters – all new meter installations where multiple meters are grouped together will now require dedicated marking. Each meter socket will be required to be marked to indicate the address or unit number to ensure customer billing information is accurate, and connections/disconnections can be done safely. Marking will be required to be on the cover of and on the interior of the meter socket enclosure. It shall be permanent, weather and ultraviolet resistant, with a minimum height of 50 mm (2"). Details pertaining to this change are described in Section 2.5.2.

4. Loop Box – a ‘loop box’ will now be required on all installations utilizing a 200 A self-contained meter socket that *do not* require a splitter. The loop box will allow for a cable loop to provide slack when ground settling occurs in an attempt to minimize meter socket, meter socket assembly, and cable damage. Further details on the loop box requirements are contained in the section below.

### **Changes to ESR to Accommodate a Loop Box**

An above grade loop box will be required on all new installations utilizing a 200 A self-contained meter socket that *do not* require a splitter. New installation requirements affect Figure 2-1, Figure 2-2, and Figure 2-7 of the ESR. Updated figures are attached in Appendix I.

The new installation requirements detailed in Figure 2-1 will affect servicing options in the following sections of the ESR:

1. (Residential) Section 2.1.2.1 Single Family Detached Dwelling – Urban Single Phase Service up to 300 V
2. (Residential) Section 2.1.2.3 Single Family Detached Dwelling – Mobile Home (Park)
3. (Residential) Section 2.1.2.4 Multiple Single Family Dwellings
4. (General Service) Section 2.3.2.1 Single Phase General Service up to 300 V

The new installation requirements detailed in Figure 2-2 will affect servicing options in the following sections of the ESR:

1. (Farm) Section 2.2.2.3 Farm Polyphase Service up to 300 V
2. (General Service) Section 2.3.2.3 Polyphase General Service up to 300 V

The new installation requirements detailed in Figure 2-7 will affect servicing options in the following sections of the ESR:

1. (Residential) Section 2.1.2.4 Multiple Single Family Dwellings
2. (General Service) Section 2.3.2.1 Single Phase General Service up to 300 V

### **Loop Box Installation Details**

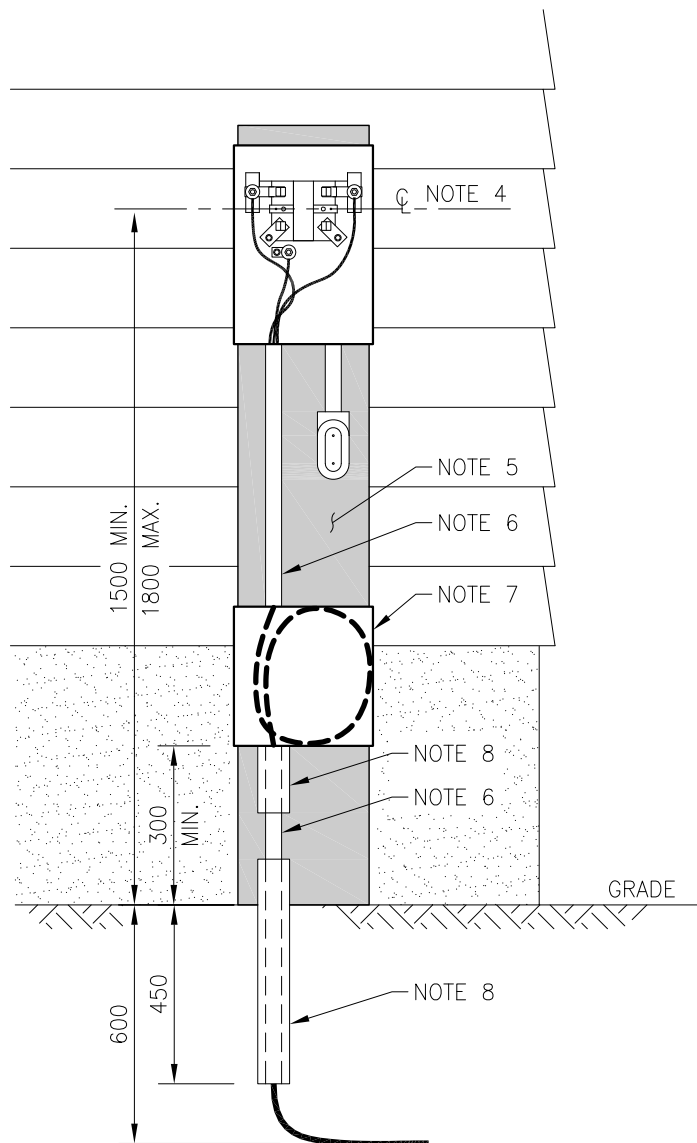
Material procurement and installation of the loop box is the responsibility of the Customer’s electrical contractor. Requirements for the loop box are as follows:

1. The minimum dimensions for the loop box are 300 mm (horizontal dimension) x 350 mm (vertical dimension) x 150 mm (depth). For installations with a multi-position meter trough (ESR Figure 2-7), the minimum dimensions for the loop box are 510 mm (horizontal dimension) x 510 mm (vertical dimension) x 205 mm (depth).
2. The box is to be mounted (bottom of box) a minimum of 300 mm above grade.

3. The box is to be metal and properly bonded as per CSA.
4. The box will require a tab for SaskPower to apply a lock/seal.
5. The box may be hinged or unhinged.
6. The box is not required to be weather tight as the cables and/or splices will be weather proof.

Example installation photos for a 200 A self-contained meter socket with loop box are contained in Appendix II.

**Appendix I: Updated ESR Figure 2-1, Figure 2-2, Figure 2-5, Figure 2-6, and Figure 2-7**

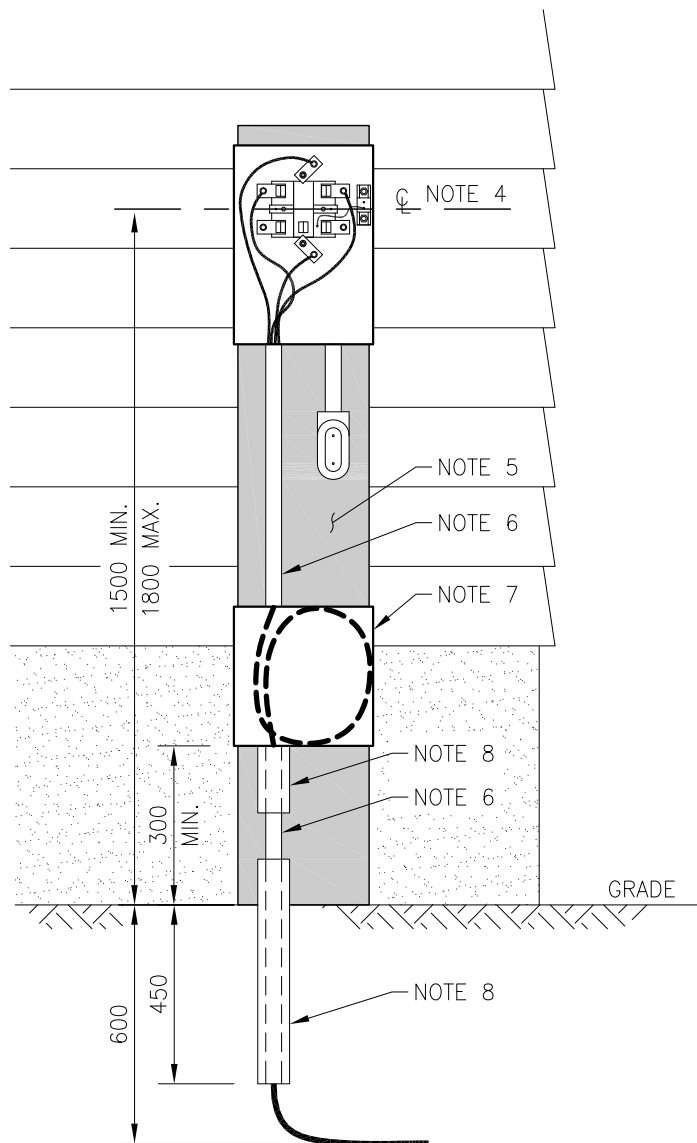


## INSTALLATION NOTES:

1. POINT OF DELIVERY – SASKPOWER TERMINATION IN THE CUSTOMER SUPPLIED METER SOCKET.
2. METER SOCKET REQUIREMENTS AS PER SECTION 2.5.2.1.
3. WHEN A PERMANENT STRUCTURE IS INSTALLED BELOW THE METER, THE PERMANENT STRUCTURE SHALL BE CONSIDERED GRADE.
4. CENTERLINE OF METER TO BE A MINIMUM OF 1500mm, OR MAXIMUM OF 1800mm ABOVE GRADE.
5. SERVICE TO HAVE A FIXED WOOD BACKING (MINIMUM 19mm THICKNESS), AT LEAST THE SAME WIDTH AS THE METER SOCKET, EXTENDING TO 300mm ABOVE FINISHED GRADE, AND ADEQUATELY SECURED. 2" x 12" NOMINAL LUMBER (1-1/2" x 11-1/4" ACTUAL) IS ALSO ACCEPTABLE. THE BACKING SHALL ACCOMMODATE THE LOOP BOX REGARDLESS OF WHETHER IT IS OFFSET OR INLINE WITH THE METER SOCKET.
6. 53mm  $\phi$  (2") SUPPLY SERVICE CONDUIT TO BE INSTALLED BY CUSTOMER.
7. METAL LOOP BOX TO BE INSTALLED BY CUSTOMER A MINIMUM OF 300mm ABOVE GRADE. LOOP BOX MAY BE INSTALLED INLINE (AS SHOWN), OR OFFSET IF NECESSARY. LOOP BOX TO BE A MINIMUM OF 305mm WIDE x 350mm HIGH x 150mm DEEP. IT SHALL CONTAIN PROVISION FOR A SASKPOWER SEAL, AND BE PROPERLY BONDED AS PER CODE.
8. PVC SLIP SLEEVES (DIRECTLY BELOW LOOP BOX AND AT GRADE) TO BE INSTALLED BY THE CUSTOMER. SLIP SLEEVES SHALL BE 25mm LARGER THAN THE SUPPLY CONDUIT (53mm). SLIP SLEEVE AT GRADE TO BE 600mm IN LENGTH AND EXTEND 450mm BELOW GRADE.

\*\*DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.\*\*

FIGURE 2-1  
SINGLE PHASE 120/240V 3W 200A  
METER INSTALLATION



## INSTALLATION NOTES:

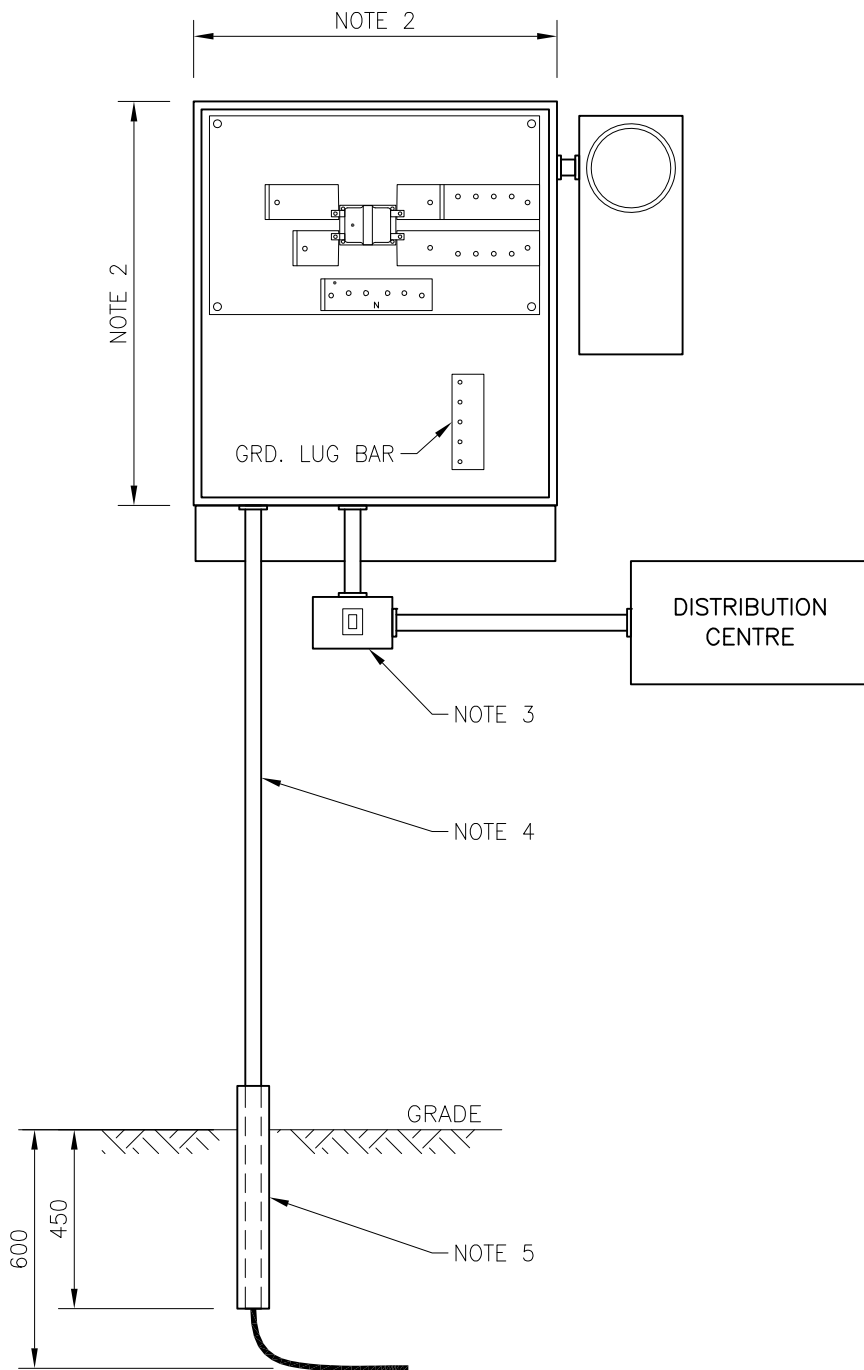
1. POINT OF DELIVERY – SASKPOWER TERMINATION IN THE CUSTOMER SUPPLIED METER SOCKET.
2. METER SOCKET REQUIREMENTS AS PER SECTION 2.5.2.1.
3. WHEN A PERMANENT STRUCTURE IS INSTALLED BELOW THE METER, THE PERMANENT STRUCTURE SHALL BE CONSIDERED GRADE.
4. CENTERLINE OF METER TO BE A MINIMUM OF 1500mm, OR MAXIMUM OF 1800mm ABOVE GRADE.
5. SERVICE TO HAVE A FIXED WOOD BACKING (MINIMUM 19mm THICKNESS), AT LEAST THE SAME WIDTH AS THE METER SOCKET, EXTENDING TO 300mm ABOVE FINISHED GRADE, AND ADEQUATELY SECURED. 2" x 12" NOMINAL LUMBER (1-1/2" x 11-1/4" ACTUAL) IS ALSO ACCEPTABLE. THE BACKING SHALL ACCOMMODATE THE 'LOOP BOX' REGARDLESS OF WHETHER IT IS OFFSET OR INLINE WITH THE METER SOCKET.
6. 78mm  $\phi$  (3") SUPPLY SERVICE CONDUIT TO BE INSTALLED BY CUSTOMER.
7. METAL LOOP BOX TO BE INSTALLED BY CUSTOMER A MINIMUM OF 300mm ABOVE GRADE. LOOP BOX MAY BE INSTALLED INLINE (AS SHOWN), OR OFFSET IF NECESSARY. LOOP BOX TO BE A MINIMUM OF 305mm WIDE x 350mm HIGH x 150mm DEEP. IT SHALL CONTAIN PROVISION FOR A SASKPOWER SEAL, AND BE PROPERLY BONDED AS PER CODE.
8. PVC SLIP SLEEVES (DIRECTLY BELOW LOOP BOX AND AT GRADE) TO BE INSTALLED BY THE CUSTOMER. SLIP SLEEVES SHALL BE 25mm LARGER THAN THE SUPPLY CONDUIT (78mm). SLIP SLEEVE AT GRADE TO BE 600mm IN LENGTH AND EXTEND 450mm BELOW GRADE.

\*\*DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.\*\*

FIGURE 2-2  
THREE PHASE 120/208V 4W 200A  
METER INSTALLATION

## INSTALLATION NOTES:

1. POINT OF DELIVERY – SASKPOWER TERMINATION IN THE CUSTOMER SUPPLIED CT ENCLOSURE.
2. SERVICE TERMINATION/CT ENCLOSURE SIZE SHALL HAVE THE MINIMUM DIMENSIONS:
  - a) 400A – 760mm WIDE x 760mm TALL x 255mm DEEP
  - b) 600A – 915mm WIDE x 1015mm TALL x 305mm DEEP
3. A FUSED DISCONNECT IS REQUIRED IMMEDIATELY AFTER THE CT ENCLOSURE.
4. FOR CONDUIT SIZES, REFER TO TABLE 2-1.
5. PVC SLIP SLEEVE AT GROUND LINE SHALL BE 600mm LONG, AND 25mm LARGER THAN THE SUPPLY CONDUIT.

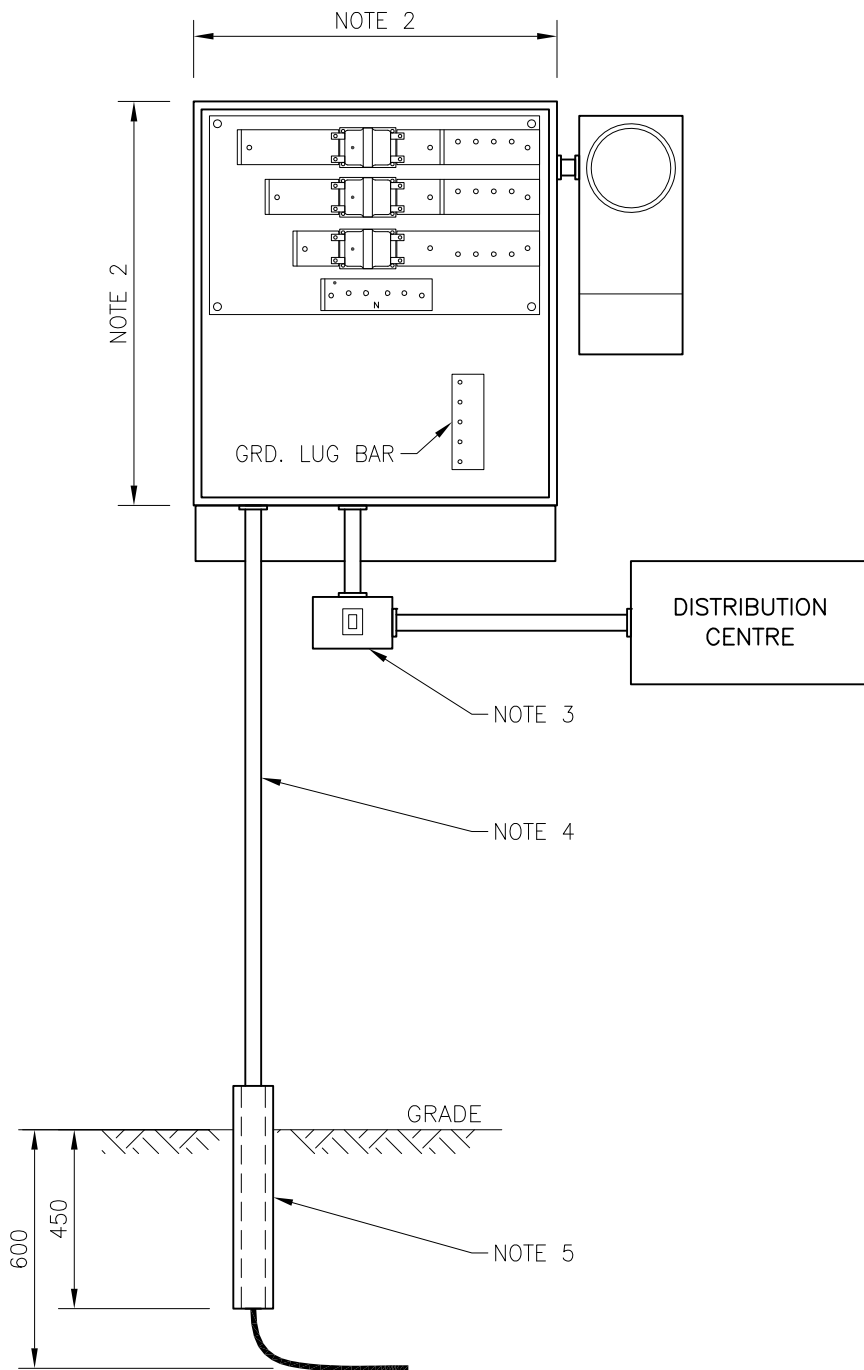


\*\*DIMENSIONS ARE IN MILLIMETERS,  
UNLESS OTHERWISE NOTED.\*\*

FIGURE 2-5  
SINGLE PHASE 120/240V 3W 400A OR 600A  
SERVICE TERMINATION/CT ENCLOSURE

## INSTALLATION NOTES:

1. POINT OF DELIVERY – SASKPOWER TERMINATION IN THE CUSTOMER SUPPLIED CT ENCLOSURE.
2. SERVICE TERMINATION/CT ENCLOSURE SIZE SHALL HAVE THE MINIMUM DIMENSIONS:
  - a) 400A – 760mm WIDE x 760mm TALL x 255mm DEEP
  - b) 600A – 915mm WIDE x 1015mm TALL x 305mm DEEP
3. A FUSED DISCONNECT IS REQUIRED IMMEDIATELY AFTER THE CT ENCLOSURE.
4. FOR CONDUIT SIZES, REFER TO TABLE 2-1.
5. PVC SLIP SLEEVE AT GROUND LINE SHALL BE 600mm LONG, AND 25mm LARGER THAN THE SUPPLY CONDUIT.

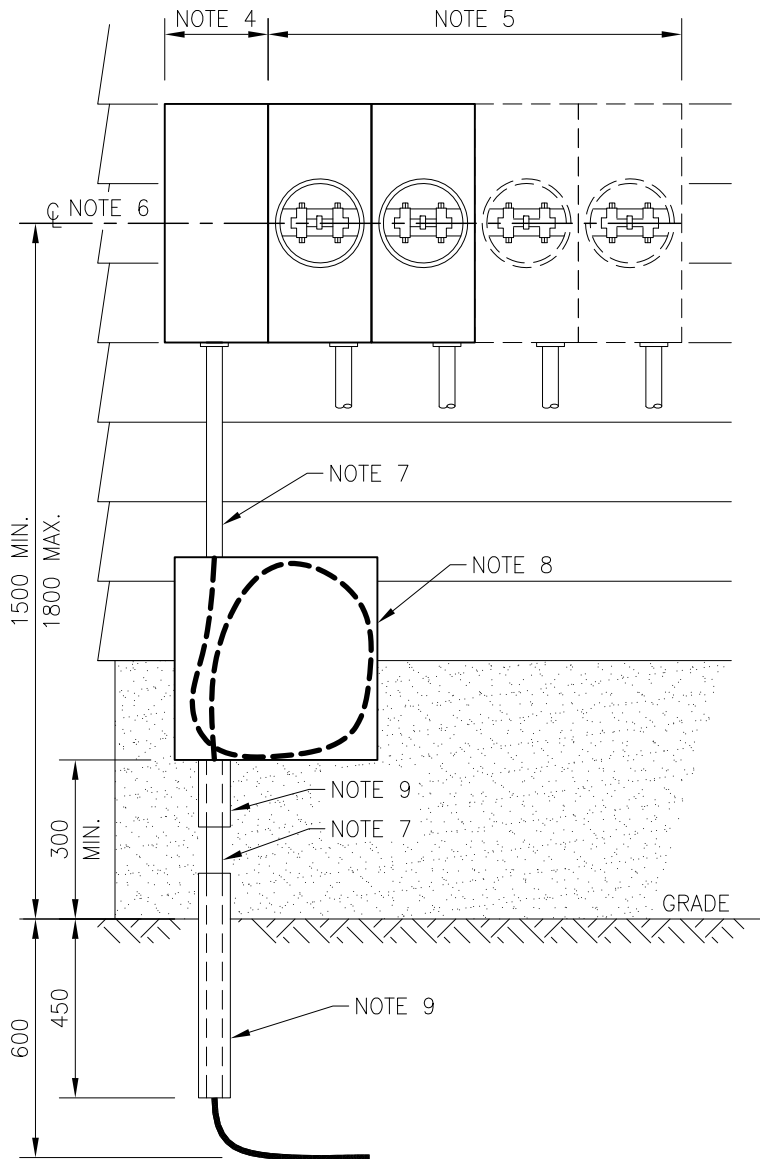


\*\*DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.\*\*

FIGURE 2-6:  
THREE PHASE 120/208V 4W 400A OR 600A  
SERVICE TERMINATION / CT ENCLOSURE

## INSTALLATION NOTES:

1. POINT OF DELIVERY – SASKPOWER TERMINATION IN THE CUSTOMER SUPPLIED BLANK COMPARTMENT.
2. METER SOCKET REQUIREMENTS AS PER SECTION 2.5.2.1.
3. EACH METER SOCKET AND COVER MUST BE IDENTIFIED AS PER SECTION 2.5.2.
4. BLANK COMPARTMENT TO BE A MINIMUM OF 305mm (12") WIDE AS PER TABLE 2-1.
5. UP TO A MAXIMUM OF 4 METER POSITIONS WILL BE ALLOWED.
6. CENTERLINE OF METERS TO BE A MINIMUM OF 1500mm, OR MAXIMUM OF 1800mm ABOVE GRADE.
7. FOR CONDUIT SIZES, REFER TO TABLE 2-1.
8. METAL LOOP BOX TO BE INSTALLED BY CUSTOMER A MINIMUM OF 300mm ABOVE GRADE. LOOP BOX MAY BE INSTALLED INLINE (AS SHOWN), OR OFFSET IF NECESSARY. LOOP BOX TO BE A MINIMUM OF 510mm WIDE x 510mm HIGH x 205mm DEEP; IT SHALL CONTAIN PROVISION FOR A SASKPOWER SEAL, AND BE PROPERLY BONDED AS PER CODE.
9. PVC SLIP SLEEVES (DIRECTLY BELOW LOOP BOX AND AT GRADE) TO BE INSTALLED BY THE CUSTOMER. SLIP SLEEVES SHALL BE 25mm LARGER THAN THE SUPPLY CONDUIT. SLIP SLEEVE AT GRADE TO BE 600mm IN LENGTH AND EXTEND 450mm BELOW GRADE.



\*\*DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.\*\*

FIGURE 2-7  
SINGLE PHASE 120/240V 3W  
MULTI-POSITION METER TROUGH WITH BLANK COMPARTMENT



# SaskPower Efficiency Partners Program

This message is to invite you to join the **SaskPower Efficiency Partners program**. This is a program made up of a group of businesses that care about making energy efficient choices and saving customers money. Whether you work with SaskPower already, or want to gain the competitive advantage that comes from having the latest information on efficient technology, programs and services, this program is for you and it is **free to join**.

## Some of the benefits of the program include:

- **Ability to leverage the program's SaskPower Efficiency Partner tag** (shown in the image above) that will identify your business as a SaskPower Efficiency Partners Program member and can be used on your business' webpage, brochure, print ad, storefront window, business card and radio ads.
- **Take advantage of training sessions** – our next Efficiency Partners Meeting will be held in Regina early in 2018
- **Serve your customers better with the latest information in energy efficient trends and technology.** We'll share information about emerging technologies, behavioural tips and programs you can take advantage of now to help your customers save on their bill
- **Educate customers on existing programs.** Your business will be up to date on programs currently in the market and any upcoming changes.
- **Be the first to hear about, and provide feedback on, new program offers from SaskPower.** New ideas are always in development and you can be our sounding board to make sure they're on target.
- **Enhance your brand and build customer loyalty.** Customers are increasingly seeking energy efficient options. Add value to your service and remain competitive.

## Next Steps:

1. To become a Partner, review the [SaskPower Efficiency Partners criteria and application form](#) and submit it to [EfficiencyPartners@saskpower.com](mailto:EfficiencyPartners@saskpower.com)
2. To learn more about the program, please visit the program's webpage at: [SaskPower Efficiency Partners Program](#)