

2026
METER SERVICES
SPECIFICATION GUIDE

Last Edited April 13, 2026





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METER SERVICES SPECIFICATION GUIDE

INTRODUCTION

This guide provides detailed requirements for electrical equipment installations at the Point of Delivery for all metered services. The goal is to provide customers, electrical contractors, architects, engineers, and electrical inspectors with quick access to specific, detailed LES Meter Services department rules and requirements not otherwise contained in the LES Service Regulations.

DISCLAIMERS

- If there are conflicts between this document and LES Service Regulations (<https://www.les.com/sites/default/files/service-regulations.pdf>), the LES Service Regulations shall take precedence.
- If this guide does not cover questions, contact LES Meter Services at 402-473-3150.
- LES is not responsible for customers' wiring or equipment quality, sufficiency, or safety and disclaims any and all warranties relating to the information contained in this Meter Specification Guide. Customers are encouraged to rely on the expertise of properly trained and certified electricians and engineers in designing their own electrical systems.
- All electrical installations must be inspected and approved by the Authority Having Jurisdiction before LES provides electric service.
- Commercial installations require consultation with LES Design Engineering and Meter Services to determine service and metering requirements. LES reserves the right to refuse to provide connectivity to electrical installations that do not meet the requirements of this guide or the LES Service Regulations or which are not installed in accordance with the requirements of the National Electrical Code (NEC), the National Electrical Safety Code (NESC), and any applicable state or local laws and regulations.
- The contents of this document may change based on the best available technology or LES requirements.
- If there are questions pertaining to the meaning or definition of a word used in the text, reference should be made to the National Electrical Safety Code, the NEC and/or LES Service Regulations.
- LES provides electrical distribution services at 60 Hertz alternating current. If there are questions regarding the voltage, the number of phases requiring service or the character, size, or location of the load that are unanswered in this document, consult with LES prior to purchasing equipment or wire installation.
- LES will consider options for Master Metering through an application process under limited circumstances.



LES CONTACTS

LES Distribution Design Department

Lincoln Northwest of 27th and O Street 402-473-3426

Lincoln Northeast of 27th and O Street and Waverly 402-473-3451

Lincoln Southwest of 40th and O Street 402-473-3253

Lincoln Southeast of 40th and O Street 402-473-3162

Meter Services Department

402-473-3150

LES Mailing Address

Lincoln Electric System

Attn: Meter Services Department/LES Distribution Design Department

9445 Rokeby Road

Lincoln, NE 68526-9788



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DEFINITIONS

Authority Having Jurisdiction: Defined in the NEC as an organization, office or individual responsible for enforcing the requirements of a code or standard or for approving equipment, materials, an installation, or a procedure.

Meter: The device or devices, including all auxiliary equipment necessary to measure and register an electrical quantity (energy, demand, and reactive power), that LES supplies to a customer at a Point of Delivery between LES and a customer.

Point of Delivery: The location where LES supplies service to a customer and which, unless otherwise agreed upon between LES and the customer, shall be the point where the service wires are joined near the weather head or in the meter socket/cabinet. For flat-rate underground secondary service without a meter (e.g., Security Light), the customer-owned disconnecting means/overcurrent protective device will be the Point of Delivery. With the exception of public traffic signal service.

Service Drop:

Conductors/Overhead – Service Wires extending from the last pole or other aerial support, including splices, connecting to the Point of Delivery at the customer’s building or other structure. See Figure 11.

Conductors/Underground – Service Wires between the pedestal, transformer, riser pole, or other last point of supply and the first point of connection to the service entrance conductors in a terminal box or meter socket.

Service Wires: LES’ lines connecting the LES distribution system to a customer’s Point of Delivery.

LES METER SERVICES DEPARTMENT REQUIREMENTS FOR APPROVAL OF CONNECTION TO LES

A. GENERAL

1. Load monitoring equipment can only be installed on the load side of the meter. No customer or third-party equipment can be attached to the meter or associated metering equipment, or be installed inside a meter or current transformer enclosure, without the approval of the LES Metering Department.



B. GROUNDING

1. All metallic conduits, metallic tubing, and service entrance equipment shall be grounded in accordance with the NEC.
2. Equipment grounding conductors shall not be installed along with the Service Drop conductors being installed to the secondary compartment of LES' pad-mount transformers.

C. METER LOCATION

1. All meters or metering equipment shall be located on the exterior of a structure.
2. Meter height shall be between 3 and 6 feet to the center of the meter.
3. LES will provide the meter specifications for indoor metering if an exterior location is not practical. The request for indoor metering must be submitted to Meter Services early in the structure design phase and will be allowed only by exception.
4. LES must approve the relocation of all metering equipment from its existing location.

D. METER IDENTIFICATION FOR MULTI-OCCUPANCY BUILDINGS

1. On multi-occupancy buildings, all meter sockets and main service disconnect switches shall be plainly and permanently marked by the owner with numbers and/or letters to indicate the building address or apartment address served. The markings must be engraved on nameplates.
2. Service will not be established until markings are complete. Felt-tip pens and label maker tape are not considered permanent markings.
3. LES is not responsible for and will not adjust erroneous customer billing resulting from mislabeled meter sockets or cross-wiring to a service entrance within the building's electrical system.

E. METER SOCKETS

1. All new meter sockets installed in the LES service area shall be rated for a minimum of 200 amps.
 - a. Splicing load-side conductors in the meter socket is prohibited.
 - b. For underground residential services, line-side conduits above grade must be straight and connect directly to the meter socket.
 - i. Sweeps, 90's, and LB's are not allowed on the line side above grade (underground service).
 - ii. Please consult with the Supervisor of Meter Services with any questions.
 - c. For underground commercial services, please consult with LES Distribution Design.



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2. This requirement also applies to any rewired service work.
 - a. Example – An underground 100-amp service being rewired to a new 100-amp service will require the meter socket and expansion joint to meet current standards (a 200-amp meter socket and an expansion joint must be installed).
 - b. Exception – 100-amp meter sockets will be allowed on gang sockets of (3) or more.
 - c. Exception – On Overhead (OH) services, 100-amp meter sockets will be allowed for service repairs and service panel upgrades.
3. Meter sockets purchased by the customer shall be UL-listed and labeled in accordance with NEC.
4. Transformer-rated meter socket requirements:
 - a. The sockets listed below are just acceptable examples. Other manufacturers may be used but must be UL listed.
 - b. Durham Catalog No. STL8-1C or Milbank Catalog No. UC7444-XL for single-phase installations.
 - c. Durham Catalog No. STL13-1C or Milbank Catalog No. UC7445-XL for three-phase installations.
 - d. All transformer-rated meter sockets must have a single-piece socket cover.
5. Commercial self-contained meter sockets:
 - a. All single- and three-phase meter sockets used in commercial applications shall be equipped with meter bypass levers; these are “ringless” type sockets. “Horn” bypass designs are prohibited.
 - b. Bypass meter sockets will not be required for temporary services.
6. Meter centers:
 - a. Residential:
 - i. Multi-occupancy residential meter centers may be ringless or ring-type.
 - b. Commercial:
 - i. Meter centers feeding a commercial service must be ringless with a meter lever bypass.
7. Pedestals:
 - a. LES will accept the permanent installation of single-phase, freestanding NEMA 3R pedestals rated at 100 or 200 amps. Pedestals must be equipped with a removable bottom cover to allow lay-in wiring on post-line connectors. The line-side termination point must accommodate 4/0 AWG. The pedestal shall include a steel latch and hasp assembly with padlock provisions. Pedestal shall meet LES and NEC compliance, be UL listed and have a minimum of 22kAIC amps RMS symmetrical short circuit rating at 600 volts. Working clearance shall be maintained at 36 inches from the face of the meter and from any access panel. Minimum meter height shall be at least 36 inches from
 - b. LES will not provide service to pedestals attached to a house or building. Must use a self-contained meter socket and conduit for these applications.



F. METER SEALS

1. All enclosures containing unmetered conductors shall be capable of being effectively sealed and locked by LES.
2. Breaking seals by anyone other than an authorized person (a licensed electrician) or tampering with LES' meters or monitoring/measuring devices is prohibited.
3. When LES detects that its meter or other equipment has been tampered with in a manner that may allow unauthorized use or loss of energy measured at the meter, LES shall discontinue the supply of electric energy to the customer at any time without notice. The meter and other equipment will be removed until the customer has corrected the condition to LES' satisfaction. (See the LES Service Regulations.)

G. TEMPORARY SERVICES

1. LES will furnish temporary service in accordance with the requirements of the LES Service Regulations.

H. LES SERVICES

1. LES will install Service Wires to the Point of Delivery as specified by LES.
2. Overhead Service Wires will be installed only to a properly secured and anchored overhead mast or properly sized and anchored attachments on a structure.
3. NOTE: LES owns and maintains only one service drop to a residence, whether it is before or after the customer's meter. If there is a service drop serving a residence and other buildings, such as a barn, garage or customer-owned poles with lights or well service, LES does not own or maintain any of those service drops.
4. NOTE: Electric poles that are now part of the LES system due to the acquisition of service area from other electric utilities, particularly those located in rural areas and on acreages, must conform to LES Service Drop requirements if any modifications are made to the configuration of the electric system on the property.
5. NOTE: When an electrician converts a service from overhead to underground or relocates the service, they are responsible for making temporary connections.
 - a. The rewired/new meter socket must be energized for inspection.



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I. RESIDENTIAL SERVICE

1. Residential electric service will be supplied by:
 - a. A three-wire, single-phase system, nominally 120/240 volts.
 - b. A network three-wire, nominally 120/208 volts, where available or needed.
 - c. Self-contained metering is required for single-phase 120/240 volts, with a total main switch rating not exceeding 400 amps.
 - d. LES permits self-contained metering for four-wire, three-phase, 120/208 volts, with main switches not exceeding 400 amps.
 - e. LES requires services exceeding a sum of 400 amps on all main switches to be current transformer (CT) metered.
 - f. Conduit Size for Residential
 - i. 200 Amp Socket: 2" Conduit
 - ii. 320 Amp Socket : 3" Conduit or larger
 - iii. CT Rated: Consult with LES Distribution Design
 - g. Additional requirements:
 - i. All NEW single-family residences, rewired underground or overhead services, require a 200-amp ringless or ring-type socket.
 - ii. All underground services shall have a UL-approved expansion joint supplied with the service supply conduit. Expansion joints shall not be clamped to restrict movement.

J. COMMERCIAL AND INDUSTRIAL ELECTRIC SERVICE

1. Commercial and industrial electric service will be supplied by primary distribution with a three-wire, single-phase system or a four-wire, three-phase system.
2. Additional requirements:
 - a. Self-contained metering is allowed for single-phase 120/240-volt services, with a total of main switches up to and including 400-amp services.
 - b. Installations with anticipated load or demand between 200 amps and 400 amps (sum) may use a Class 320 Meter Socket.
 - c. Network metering on commercial and multi-occupancy residential services with 120/208 volt, three-wire service on a single-phase meter socket requires a fifth terminal to be installed horizontally at the 9 o'clock position (looking at the socket).
3. Service at voltages over 240 volts.
 - a. See LES Service Regulations for service voltage availability.



4. Three-phase self-contained metering (400 amp maximum, not exceeding 480 volts)
 - a. LES permits self-contained metering on three-phase, four-wire, single mains not exceeding 400 amp (sum) for commercial services.
 - b. All three-phase 480-volt services that do not exceed 200 amps (sum) will be metered with a self-contained meter socket. This is a seven-terminal, ringless, lever-bypass-equipped meter socket that meets NEC requirements and is UL approved. 480 Volt services will require a cold sequence meter socket.
 - c. LES requires services exceeding a sum of 400 amps on all main switches to be current transformer (CT) metered.
5. 480-volt cold sequence meter socket
 - a. Only a UL-listed single-unit assembly of a meter socket and line-side meter disconnect that is immediately adjacent to the meter socket and equipped with a meter bypass will be allowed for:
 - i. 200/400-amp five-terminal single-phase, three-wire 240/480 or 277/480 volt.
 - ii. 200/400-amp seven-terminal three-phase, four-wire sockets for three-phase 277/480-volt services.
 - iii. NOTE: A lockable/sealable socket cover and disconnect is required.
 - b. 480-volt meter sockets must be marked with an engraved label stating "480 VOLTS."
6. Current transformer cabinet requirements:
 - a. Must have a hinged door/s that can be padlocked.
 - b. The bottom of wall-mounted CT cabinets must be between 30 and 42 inches above the final grade.
 - i. Service will be denied if height requirements are not met. Please consult with the Supervisor of Meter Services with any questions.
 - c. The meter socket and CT cabinet must be outside the building.
 - d. Metering conduits shall be a minimum of 1" inch and in a continuous rigid (RMC, IMC) conduit with no junction boxes or LB's.
 - e. All underground services (except pad-mounted cabinets) shall have a UL-approved expansion joint supplied with the service supply conduit. Expansion joints shall not be clamped to restrict movement.
 - f. The minimum size of the cabinet is based on amperage:
 - i. Single-phase 1200 amp and below:
 1. Minimum cabinet size is 36" x 36" x 12".
 - ii. Three-phase 800 amp and below:
 1. Minimum cabinet size is 36" x 36" x 12".
 - iii. Three-phase above 800 amp, up to and including 1000 amp:
 1. Minimum cabinet size is 48" x 36" x 16".
 2. Hoffman Free Standing Enclosure #A60R3618FSLP is also accepted (1200 amps @ 208 VAC).



- iv. Three-phase above 1200 amp, up to and including 1800 amp:
 - 1. Minimum cabinet size is 48" x 48" x 12".
 - 2. Hoffman Free Standing Enclosure #A60R5218FSLP is also accepted (1200 amp @ 480 VAC).
 - v. Three-phase above 2000 amp, up to but NOT including 3000 amp:
 - 1. Minimum cabinet size is 60" x 52" x 18".
 - 2. Hoffman Free Standing Enclosure #A60R5218FSLP is also accepted.
 - vi. Three-phase 3000 amp and greater:
 - 1. Minimum cabinet size is 60" x 72" x 24".
 - 2. Hoffman Free Standing Enclosure #A60R7224FSLP is also accepted.
7. For freestanding switchgear, the following requirements must be met:
- a. LES will allow metering transformers in customer switchgear that is located on the exterior of the building.
 - b. Must have hinged door/s that can be padlocked.
 - c. Must be approved by LES.
 - d. Must have unobstructed access to the compartment and adjacent meter socket.
 - e. Metering conduits shall be a minimum of 1inch and in a continuous rigid (RMC, IMC) conduit with no junction boxes or LB's.
 - f. 1000 to 2000A:
 - i. A 40" minimum vertical distance from the nearest terminal to the upper or lower-most part of the enclosure.
 - ii. A 25" minimum width; and
 - iii. A 25" minimum depth of enclosure.
 - g. 2500A:
 - i. A 40" minimum vertical distance from the nearest terminal to the upper or lower-most part of the enclosure.
 - ii. A 36" minimum width; and
 - iii. A 36" minimum depth of enclosure.
 - h. 3000A to 4000A:
 - i. A 40" minimum vertical distance from the nearest terminal to the upper or lower-most part of the enclosure.
 - ii. A 48" minimum width; and
 - iii. A 48" minimum depth of enclosure.
8. Metering on the LES transformer:
- a. LES will consider metering in the transformer if LES Distribution Design and Meter Services are made aware during the design stage.
 - b. This will only be considered if there is a single customer fed off the transformer.



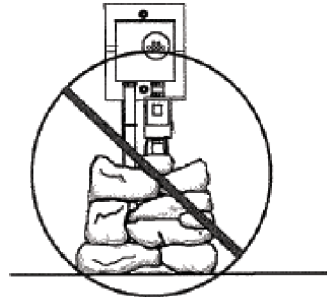
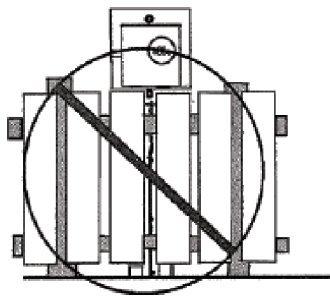
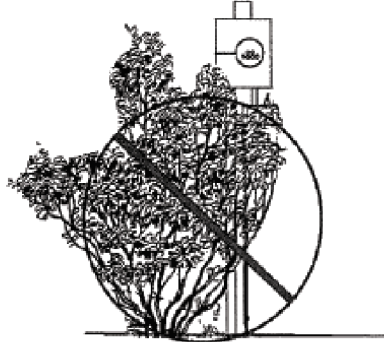
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9. Customer-Owned Energy Management System:
 - a. Upon request, Meter Services will facilitate with a building manager to install a solid-state pulse relay (KYZ) and supply a pulse (kW) to the customer's energy management system. This additional service will incur an \$800 fee. The customer is required to supply a nonmetallic weather-tight (8x10x4) relay box that will nipple into the side of the existing meter socket. If, for whatever reason, the pulse relay fails or needs to be replaced, the customer will be charged for this additional service again if it is still desired.
 - b. As technology continues to change, LES does NOT guarantee that this service will continue, as some electric meters do not support this technology.

K. LES SERVICE AREA ACQUISITIONS

1. Existing services are grandfathered.
2. If any upgrades or modifications are made, these services must be configured to meet all LES requirements contained in this guide and in the LES Service Regulations.



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LES WILL BE RESPONSIBLE FOR:

- (a) ASSISTING THE CUSTOMER IN LOCATING THE METER IN A SUITABLE LOCATION.
- (b) ACCESSING THE METER FOR MAINTENANCE AND CONTROL PURPOSES.

THE CUSTOMER WILL BE RESPONSIBLE FOR:

- (a) COORDINATING WITH LES TO ENSURE A SUITABLE LOCATION FOR THE METER.
- (b) PROVIDING UNOBSTRUCTED ACCESS TO ALL LES EQUIPMENT.
- (c) PROVIDING LES WITH UNRESTRICTED ACCESS TO BUILDINGS THAT HAVE METERS MOUNTED INTERNALLY.
- (d) IF ACCESS CANNOT BE PROVIDED TO LES, TRANSFERRING METERS TO THE EXTERIOR OF THE BUILDING AT THE CUSTOMER'S EXPENSE.

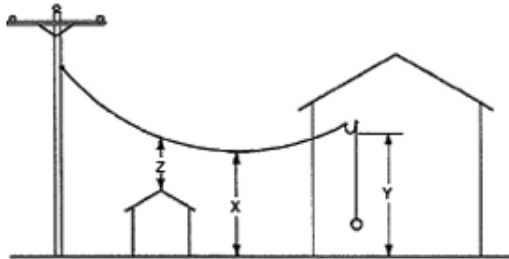
*SEE LES SERVICE REGULATIONS FOR DISCONNECTING THE SERVICE METER THAT IS OBSTRUCTED OR INACCESSIBLE.

| | | |
|---|----------------------------------|------------------|
|  | UNOBSTRUCTED METER ACCESS | DATE: 3 May 2016 |
| | | FIGURE: 01 |

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X = IN-SPAN GROUND CLEARANCE
Y = DRIP LOOP GROUND CLEARANCE
Z = ROOF OR BALCONY CLEARANCE

SERVICE DROP CABLE CLEARANCES

| NATURE OF SURFACE UNDERNEATH SERVICE DROP CABLE | VERTICAL CLEARANCE ABOVE SURFACE FOR SERVICE DROP CABLE (SEE NOTES 1 & 2) |
|---|---|
| TRACK RAILS OF RAILROADS | 24'-6" |
| ROADS, STREETS, DRIVEWAYS, PARKING LOTS, ALLEYS AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC (SEE NOTE 3) | 16'-6" |
| DRIVEWAYS, PARKING LOTS AND ALLEYS | 16'-6" |
| SPACES AND WAYS SUBJECT TO PEDESTRIANS OR RESTRICTED TRAFFIC ONLY (SEE NOTE 5) | 12'-6" |
| ACCESSIBLE ROOFS OR BALCONIES | 11'-0" |
| SWIMMING POOLS | 22'-0" |

Notes:

- (1) ALL CLEARANCES LISTED ARE SPECIFIED BY THE NESC. THESE ARE MINIMUM CLEARANCES THAT MUST BE MET FOR THE SAG CONDITION THAT CAN OCCUR EITHER AT: MAXIMUM OPERATING CONDUCTOR TEMPERATURE OR MAXIMUM LOADING AT 32°F, NESC ICE, FINAL SAG.

AN INCREASE IN DESIGN CLEARANCE AT THE TIME OF INSTALLATION IS RECOGNIZED AND ACCEPTABLE TO ACCOUNT FOR FUTURE RESURFACING OR GRADE CHANGES. A 12 INCH INCREASE IS TYPICAL IN LIEU OF ANY SPECIFIC INFORMATION. IT IS RECOMMENDED THAT THIS FACTOR SHOULD BE CONSIDERED AND, AS APPROPRIATE, INCLUDED WHEN PLANNING SERVICE INSTALLATIONS.

NOTE: A POINT OF CLARIFICATION IS NECESSARY REGARDING WHAT CAN APPEAR TO BE A 2-FOOT INCONSISTENCY BETWEEN THE NESC AND THE NEC FOR CLEARANCES OVER "ROADS, STREETS, DRIVEWAYS, PARKING LOTS, ALLEYS AND OTHER AREAS SUBJECT TO TRUCK TRAFFIC" (NESC - 16 FEET VS. NEC - 18 FEET). NEC CLEARANCES ARE SPECIFIED (WITH LESS SAG) AT A CONDUCTOR TEMPERATURE OF 60°F, NO WIND, WITH FINAL UNLOADED SAG IN THE CONDUCTOR. THE 2 FOOT DIFFERENCE IS PARTIALLY ATTRIBUTED TO COMPARATIVELY LARGER SAG BY NESC SPECIFICATIONS. ADDITIONAL ALLOWANCES MADE FOR RESURFACING, ETC. IN APPLICATION OF THE NESC RULE WILL ACCOUNT FOR THE REST OF THE 2-FOOT DIFFERENCE. A SERVICE INSTALLED TO EITHER SPECIFICATION WOULD BE VERY SIMILAR WHEN ANALYZED BY THE OTHER. THEREFORE, THERE IS NO PRACTICAL INCONSISTENCY BETWEEN THE TWO CODES IN THIS SITUATION.

- (2) IN ADDITION TO PROPER DESIGN FOR GROUND/SURFACE CLEARANCES, BE CAREFUL TO PROVIDE CLEARANCES FROM BUILDING OPENINGS, WINDOWS, DOORS, ETC. (TYPICALLY, 3'-0"). PROVIDE A MINIMUM CLEARANCE OF THREE (3) INCHES FROM DOWNSPOUTS AND EAVES FOR SERVICE CONDUCTORS 0 TO 750 VOLTS. FOR CONDUCTORS MEETING NESC RULE 230C1, 230C2 OR 230C3, THIS CLEARANCE MAY BE REDUCED TO ONE (1) INCH. ROUTE SERVICES SO THAT RAISED PATIO/DECK AREAS CAN BE AVOIDED IF POSSIBLE. AS AN ALTERNATIVE, CONSIDER PROVIDING ADDITIONAL CLEARANCE, WHEN FEASIBLE.
- (3) TRUCKS ARE DEFINED AS ANY VEHICLE WITH A MAXIMUM HEIGHT OF 14 FEET. AREAS NOT SUBJECT TO TRUCK TRAFFIC ARE AREAS

WHERE TRUCK TRAFFIC IS NOT NORMALLY ENCOUNTERED NOR REASONABLY ANTICIPATED.

- (4) FOR RESIDENTIAL DRIVEWAYS ONLY, WHEN A BUILDING DOES NOT HAVE SUFFICIENT HEIGHT TO ALLOW A SERVICE ATTACHMENT LOCATION WHICH WILL PROVIDE 15 FEET OF CLEARANCE, THE CLEARANCES MAY BE REDUCED TO:

SERVICES 277 VLG:
IN-SPAN GROUND CLEARANCE - 12.5 FEET
DRIP LOOP GROUND CLEARANCE - 10.5 FEET

SERVICES 120 VLG:
IN-SPAN GROUND CLEARANCE - 12.0 FEET
DRIP LOOP GROUND CLEARANCE - 10.0 FEET

- (5) SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC ONLY ARE THOSE AREAS WHERE RIDERS ON HORSEBACK, VEHICLES OR OTHER MOBILE UNITS EXCEEDING 8 FEET IN HEIGHT ARE PROHIBITED BY REGULATION OR PERMANENT TERRAIN CONFIGURATIONS OR ARE OTHERWISE NOT NORMALLY ENCOUNTERED NOR REASONABLY ANTICIPATED.

- (6) FOR RESIDENTIAL DRIVEWAYS ONLY, WHEN A BUILDING DOES NOT HAVE SUFFICIENT HEIGHT TO ALLOW A SERVICE ATTACHMENT LOCATION WHICH WILL PROVIDE 12 FEET OF CLEARANCE, THE CLEARANCES MUST BE REDUCED TO:

SERVICES 277 VLG:
IN-SPAN GROUND CLEARANCE - 10.5 FEET
DRIP LOOP GROUND CLEARANCE - 10.5 FEET

SERVICES 120 VLG:
IN-SPAN GROUND CLEARANCE: 10.0 FEET
DRIP LOOP GROUND CLEARANCE - 10.0 FEET

- (7) WHERE ROOFS OR BALCONIES ARE NOT READILY ACCESSIBLE AND WHERE VOLTAGE BETWEEN SERVICE CONDUCTORS DOES NOT EXCEED 300 VOLTS OR WHERE CABLES MEETING NESC RULE 230C2 OR 230C3 AND VOLTAGE DOES NOT EXCEED 750 VOLTS, CLEARANCE REDUCED TO 3.0 FEET.

- (8) CLEARANCE IN ANY DIRECTION FROM THE POOL WATER LEVEL, EDGE OF POOL, BASE OF DIVING PLATFORM OR ANCHORED RAFT. CLEARANCE IN ANY DIRECTION TO A DIVING PLATFORM IS 14 FEET.

| | | |
|--|---|-------------------|
| | SERVICE DROP CABLE CLEARANCES FOR DUPLEX, TRIPLEX AND QUADRUPLE X CONDUCTORS | DATE: 1 Sept 2016 |
| | | FIGURE: 06 |



Lincoln Electric System

9445 Rokeby Road / Lincoln, NE 68526-9766