



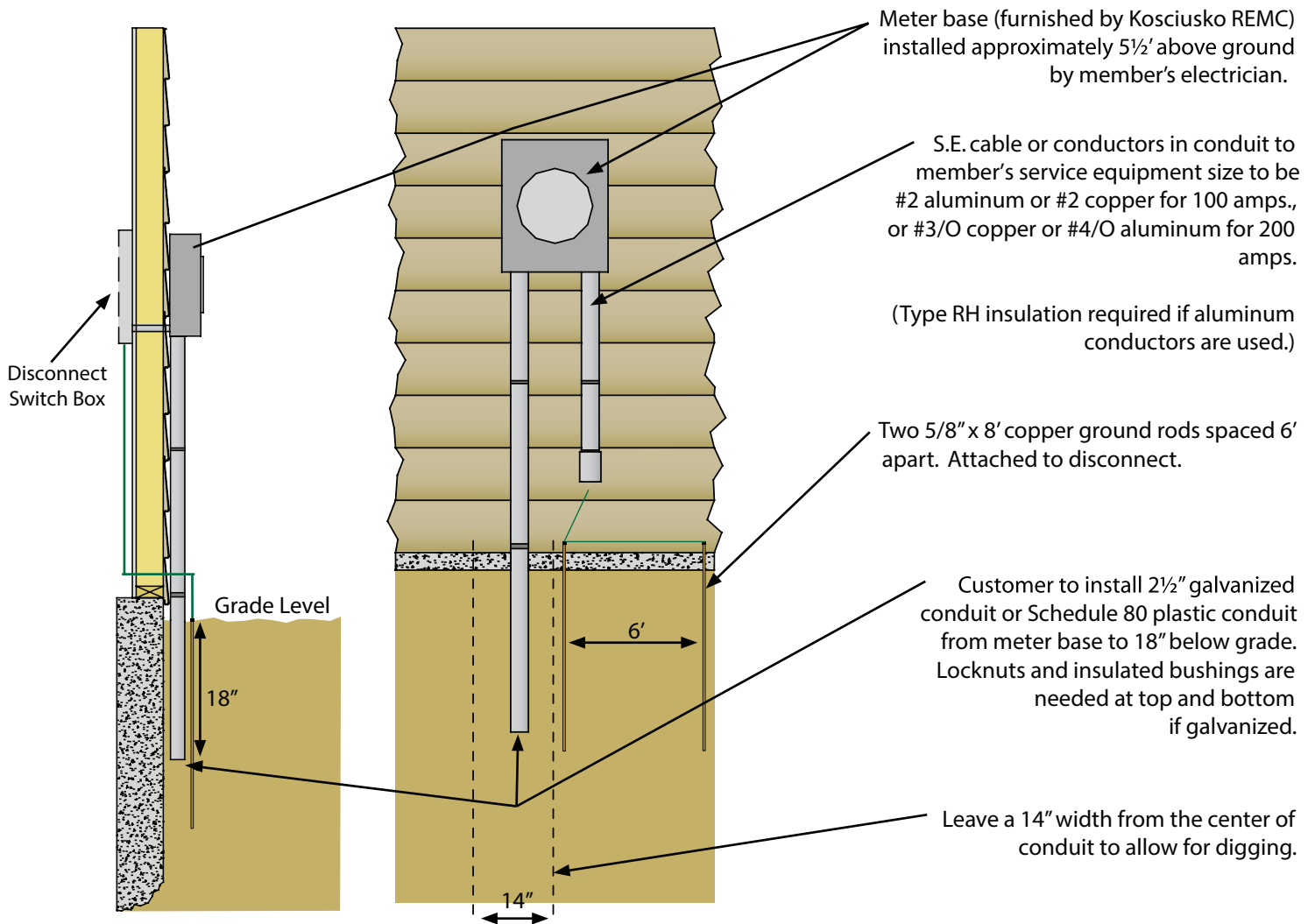
Kosciusko REMC

UNDERGROUND SERVICE

ENTRANCE LOCATION

No meter base or entrance should be installed before an KREMC engineer has checked the proposed location.

Entrance cabinet must be directly through wall or directly under meter in basement. Any other location requires conduit and a waterproof-dead front disconnect at meter.



GENERAL INFORMATION FOR UNDERGROUND SERVICES

Customer should supply conduit if underground service goes under a drive. A minimum of 2½" Schedule 40 conduit is required for 4/0 underground or wire, 350 MCM underground wire and 3" Schedule 40 conduit for 500 MCM underground wire.

200 AMP.
#3/O copper or #4/O aluminum from bottom of meter base to breaker panel. 2½" conduit from bottom of base down to 18" below grade level. No wires to be in this conduit as Kosciusko REMC will install them when running the underground service.

GROUNDING
Two 5/8" x 8' ground rods are required.

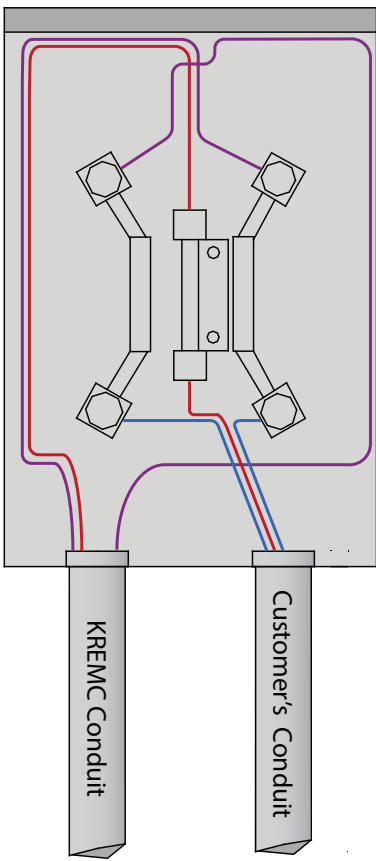
METER HEIGHT
Where possible, the meter base should be mounted so the center of the meter glass is 5½' above grade level.

ENTRANCE LOCATION

No meter base or entrance should be installed before a Kosciusko REMC engineer has checked the proposed location.

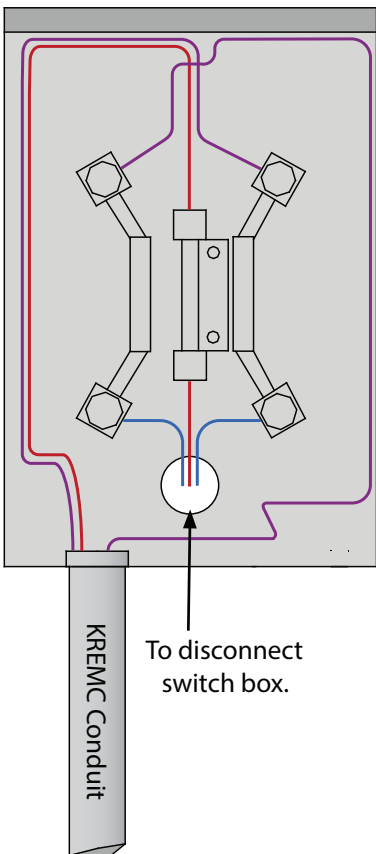
WIRING DIAGRAM IF DISCONNECT SWITCH IS IN THE BASEMENT

Conduit must be 2½" Schedule 80 or steel.



WIRING DIAGRAM IF DISCONNECT SWITCH IS ON THE OPPOSITE SIDE OF THE WALL

Conduit must be 2½" Schedule 80 or steel.



KREMC Hot Legs



Consumer Conductors



Neutral



Kosciusko REMC

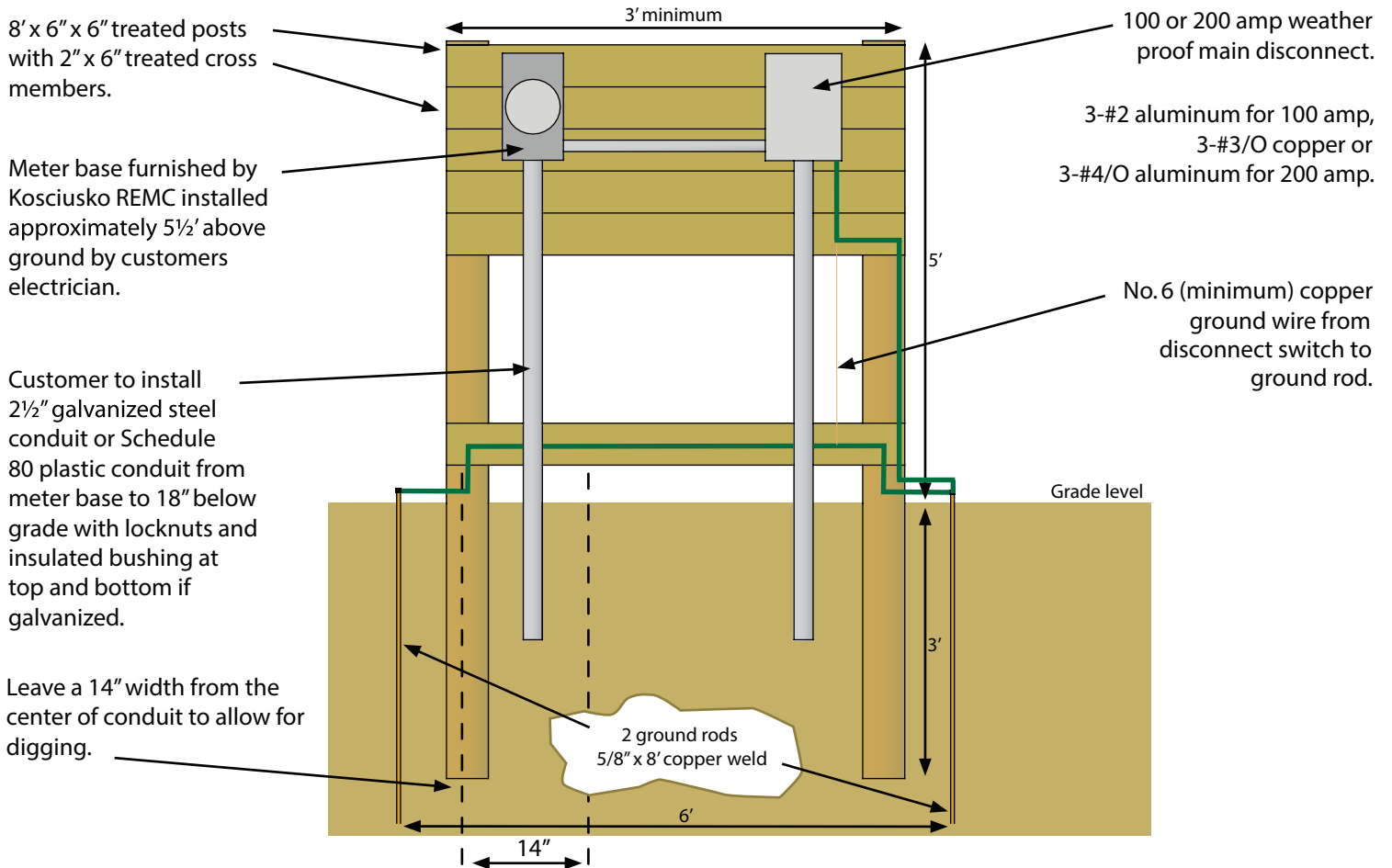
WIRING PROCEDURE IN LIEU OF USING METER PEDESTAL FOR UNDERGROUND ON 6X6

ENTRANCE LOCATION

No meter base or entrance should be installed before an KREMC engineer has checked the proposed location.

Kosciusko REMC will furnish the Underground Meter Base.

The customer will furnish and install a structure (described below) for mounting the meter base and the weatherproof main disconnect panel.



GENERAL INFORMATION FOR UNDERGROUND SERVICES

200 AMP.
#3/O copper or #4/O aluminum from bottom of meter base to breaker panel. 2 1/2" conduit from bottom of base down to 18" below grade level. No wires to be in this conduit as Kosciusko REMC will install them when running the underground service.

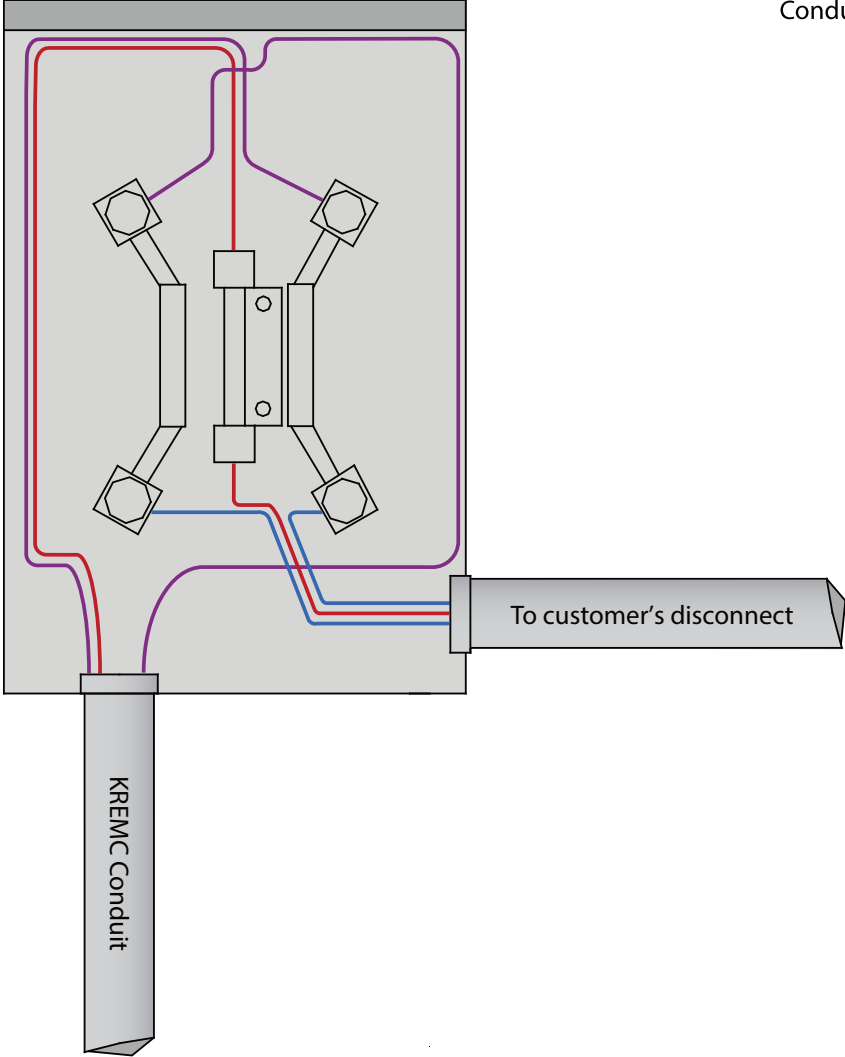
GROUNDING
Two 5/8" x 8' ground rods are required.

METER HEIGHT
Where possible, the meter base should be mounted so the center of the meter glass is 5 1/2' above grade level.


ENTRANCE LOCATION
No meter base or entrance should be installed before a Kosciusko REMC engineer has checked the proposed location.

WIRING DIAGRAM FOR 6X6 UNDERGROUND

Conduit must be 2½" Schedule 80 or steel.



 KREMC Hot Legs

 Consumer Conductors

 Neutral

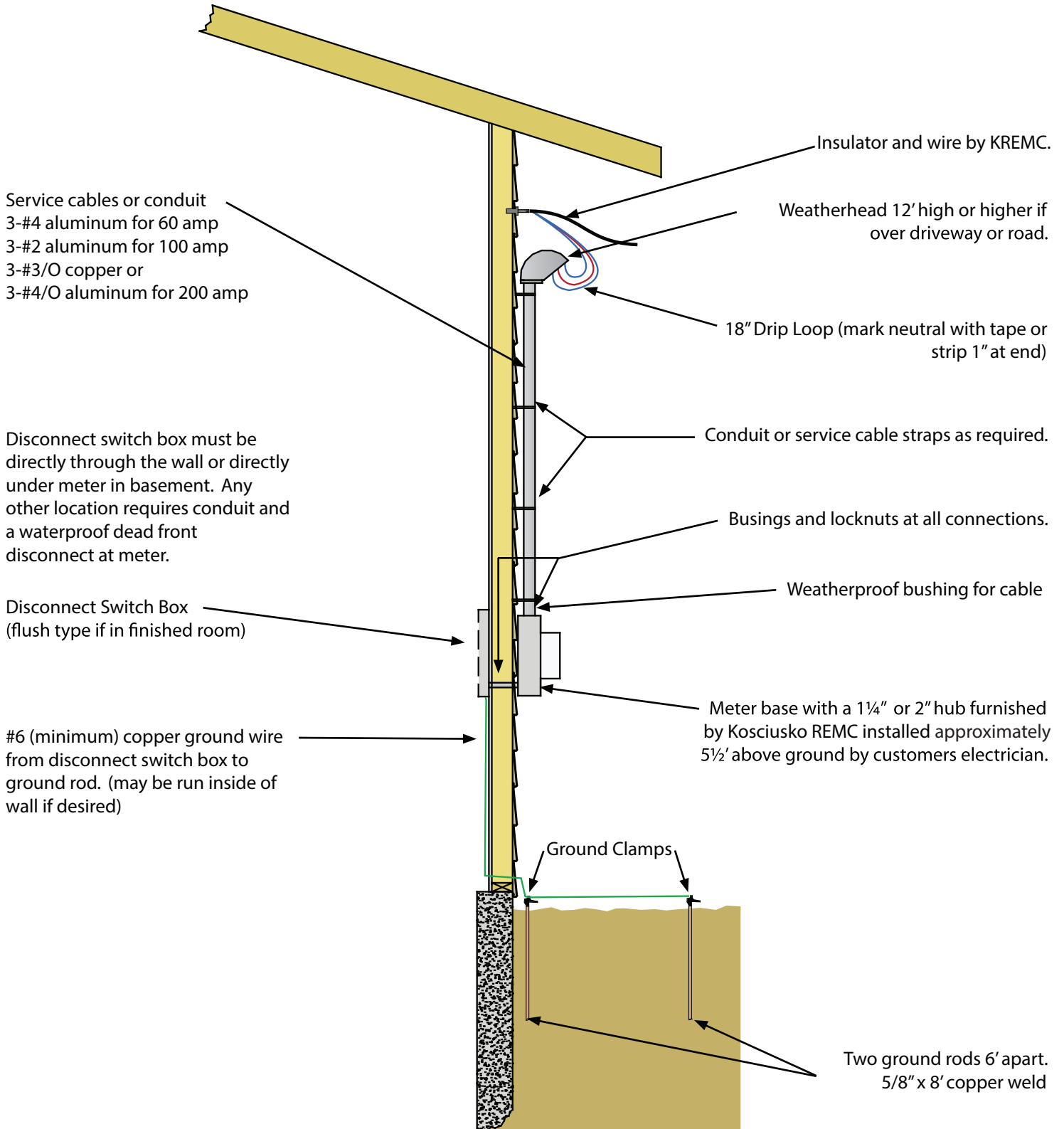


Kosciusko REMC

SERVICE WHERE BUILDING IS OVER 12' HIGH TO THE EAVES

ENTRANCE LOCATION

No meter base or entrance should be installed before an KREMC engineer has checked the proposed location.



OVERHEAD SERVICE WHERE BUILDING IS OVER 12' HIGH TO THE EAVES

100 Amp – 1¼" Hub

Used for 100 AMP OVERHEAD SERVICE. #2 copper or aluminum service entrance cable from weatherhead to meter base, and from base to breaker or fuse panel. Weatherproof connector must be used in top of base.

200 Amp – 2" Hub

For 200 AMP OVERHEAD SERVICE with 2" conduit. #3/O copper or #4/O aluminum single conductors to be used from weatherhead to meter base and from meter base to breaker panel.

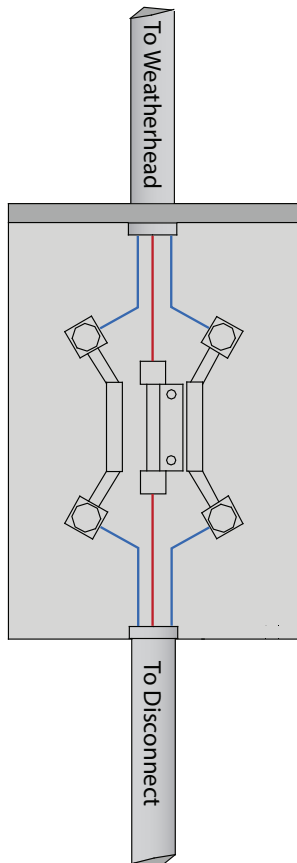
Height or Weatherhead (Entrance Head)

For all overhead installations, the weatherhead must be a minimum of 12' above the grade level, and higher if service drop crosses over a driveway. Driveways and roads require 16½' clearance.

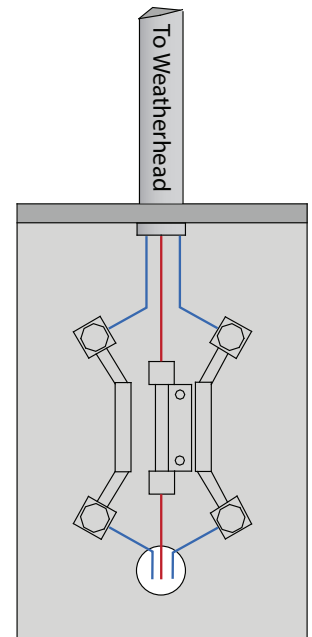
Overhead Services

For all overhead services, a minimum of 18" of all conductors must extend out of the weatherhead. If all conductors are the same color, the neutral should be taped, stripped about 2" at the end, or some way identified.

WIRING DIAGRAMS




When disconnect switch box is under the meter base.



When disconnect switch box is on the inside wall.

Conduit must be 1¼" or 2" Schedule 40 or steel. Ground from the disconnect switch.

 KREMC Hot Legs

 Consumer Conductors

 Neutral

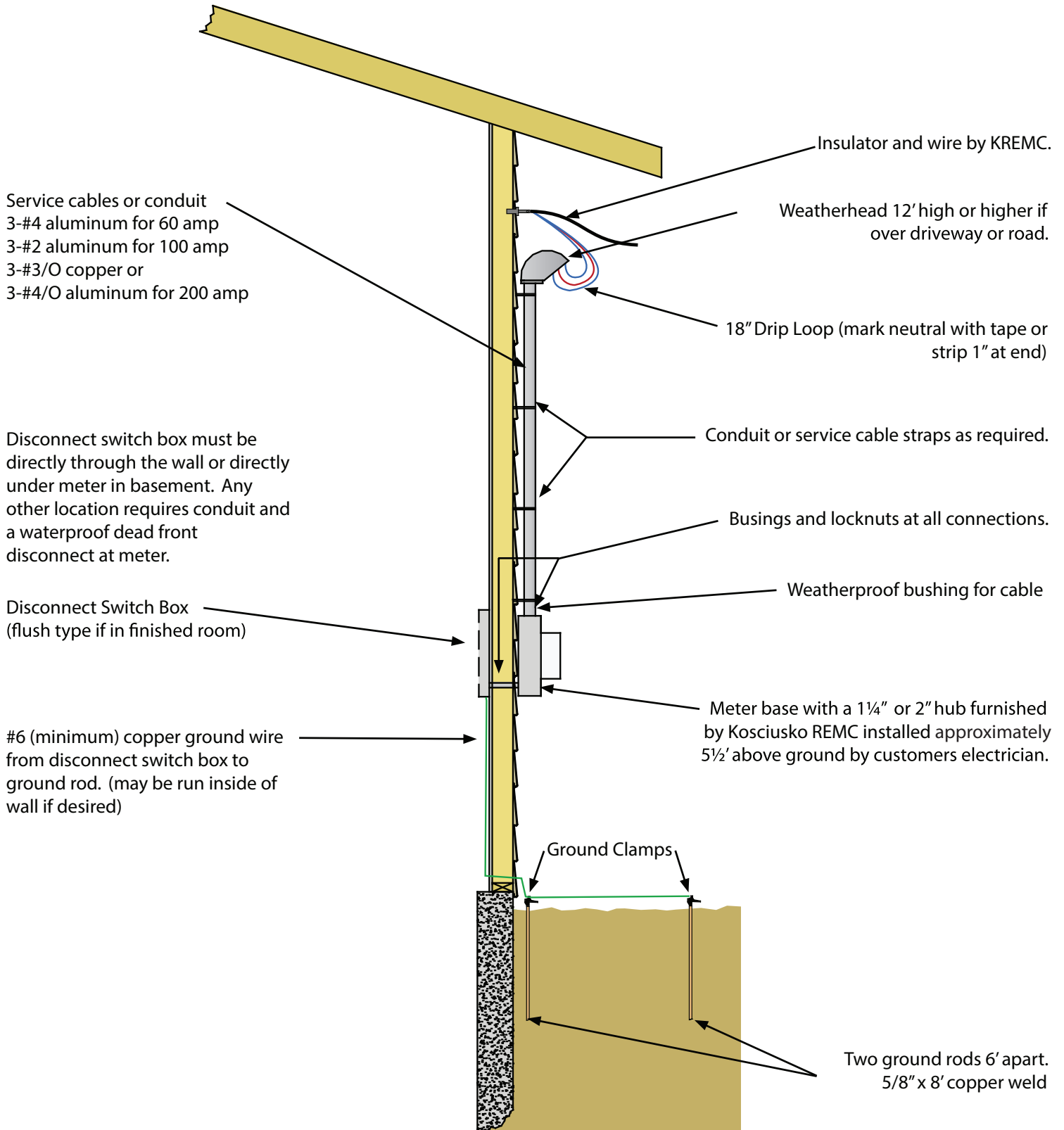


Kosciusko REMC

SERVICE WHERE BUILDING IS OVER 12' HIGH TO THE EAVES

ENTRANCE LOCATION

No meter base or entrance should be installed before an KREMC engineer has checked the proposed location.



OVERHEAD SERVICE WHERE BUILDING IS UNDER 12' HIGH TO THE EAVES

100 Amp – 2" Hub

Used for 100 AMP OVERHEAD SERVICE. Where riser is used through the roof. Riser is 2" rigid conduit. #2 single conductors to be used from weatherhead to meter base and from base to fuse or breaker panel.

200 Amp – 2" Hub

For 200 AMP OVERHEAD SERVICE with 2" conduit. #3/O copper or #4/O aluminum single conductors to be used from weatherhead to meter base and from meter base to breaker panel.

Height or Weatherhead (Entrance Head)

For all overhead installations, the weatherhead must be a minimum of 12' above the grade level, and higher if service drop crosses over a driveway. Driveways and roads require 16½' clearance.

Overhead Services

For all overhead services, a minimum of 18" of all conductors must extend out of the weatherhead. If all conductors are the same color, the neutral should be taped, stripped about 2" at the end, or some way identified.

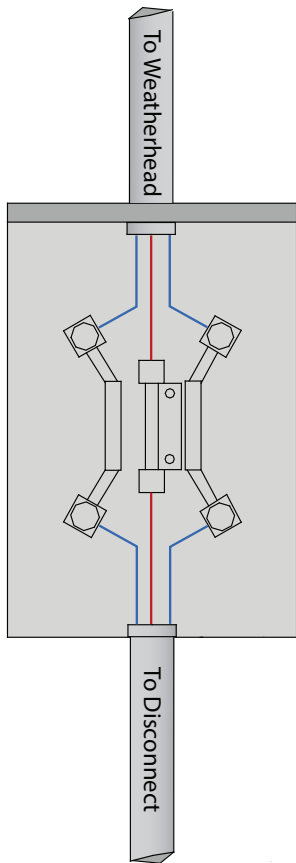
Riser Height

If 2" conduit extends upward through the roof, a roof flange must be installed and the riser should extend 3' above the roof, minimum and 4' maximum.

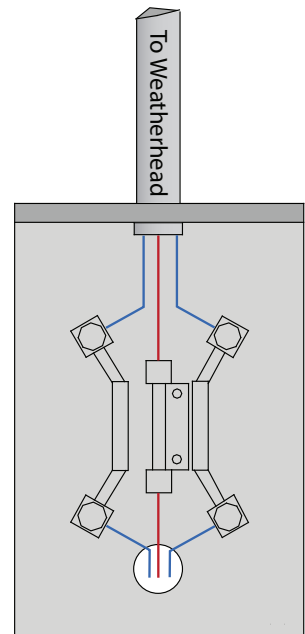
Entrance Location

Entrance should be installed before a Kosciusko REMC engineer has checked the proposed location.

WIRING DIAGRAMS



When disconnect switch box is under the meter base.



When disconnect switch box is on the inside wall.

Conduit must be 2" steel. Ground from the disconnect switch box.



KREMC Hot Legs



Consumer Conductors



Neutral



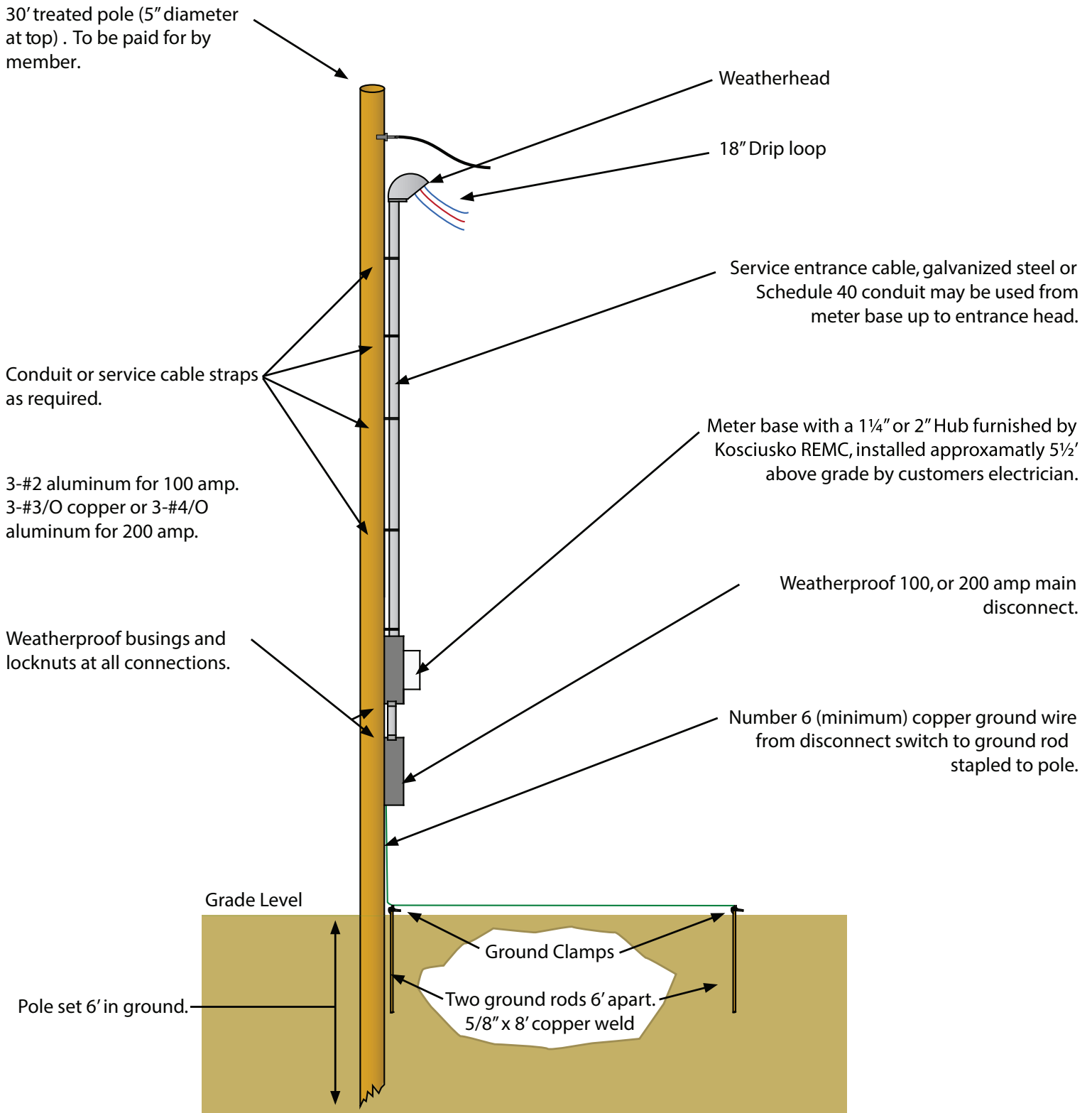
Kosciusko REMC

OVERHEAD SERVICE ON METER POLE

ENTRANCE LOCATION

No meter base or entrance should be installed before a KREMC engineer has checked the proposed location.

Mobile homes require an electrician to install four wires from pole to home.



OVERHEAD SERVICE

100 Amp – 1¼" Hub

Used for 100 AMP OVERHEAD SERVICE. #2 copper or aluminum service entrance cable from weatherhead to meter base, and from base to breaker or fuse panel. Weatherproof connector must be used in top of base.

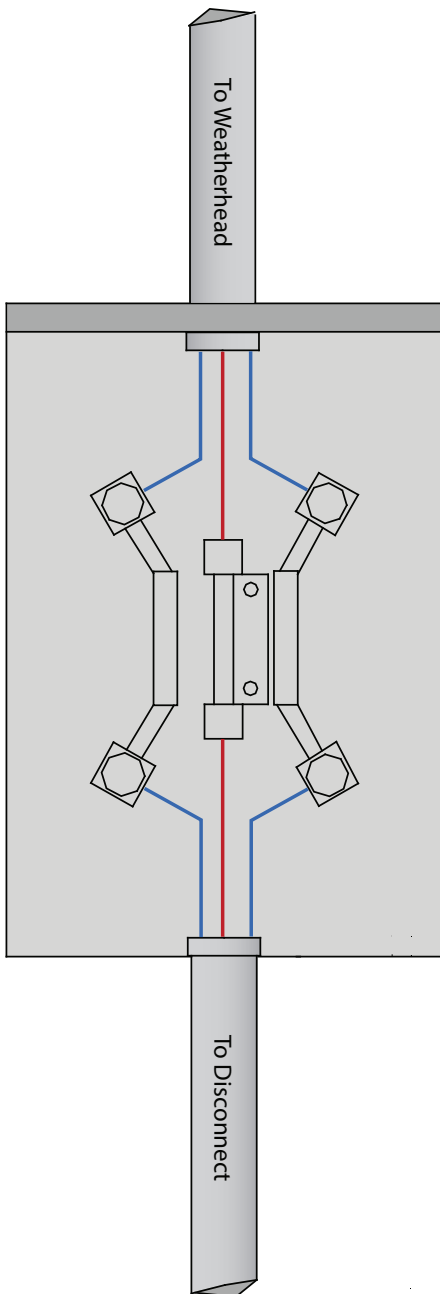
200 Amp – 2" Hub

For 200 AMP OVERHEAD SERVICE with 2" conduit. #3/O copper or #4/O aluminum single conductors to be used from weatherhead to meter base and from meter base to breaker panel.

Overhead Services


For all overhead services, a minimum of 18" of all conductors must extend out of the weatherhead. If all conductors are the same color, the neutral should be taped, stripped about 2" at the end, or some way identified.

WIRING DIAGRAM



Conduit must be 1¼" or 2" Schedule 40 or steel.

 KREMC Hot Legs

 Consumer Conductors

 Neutral