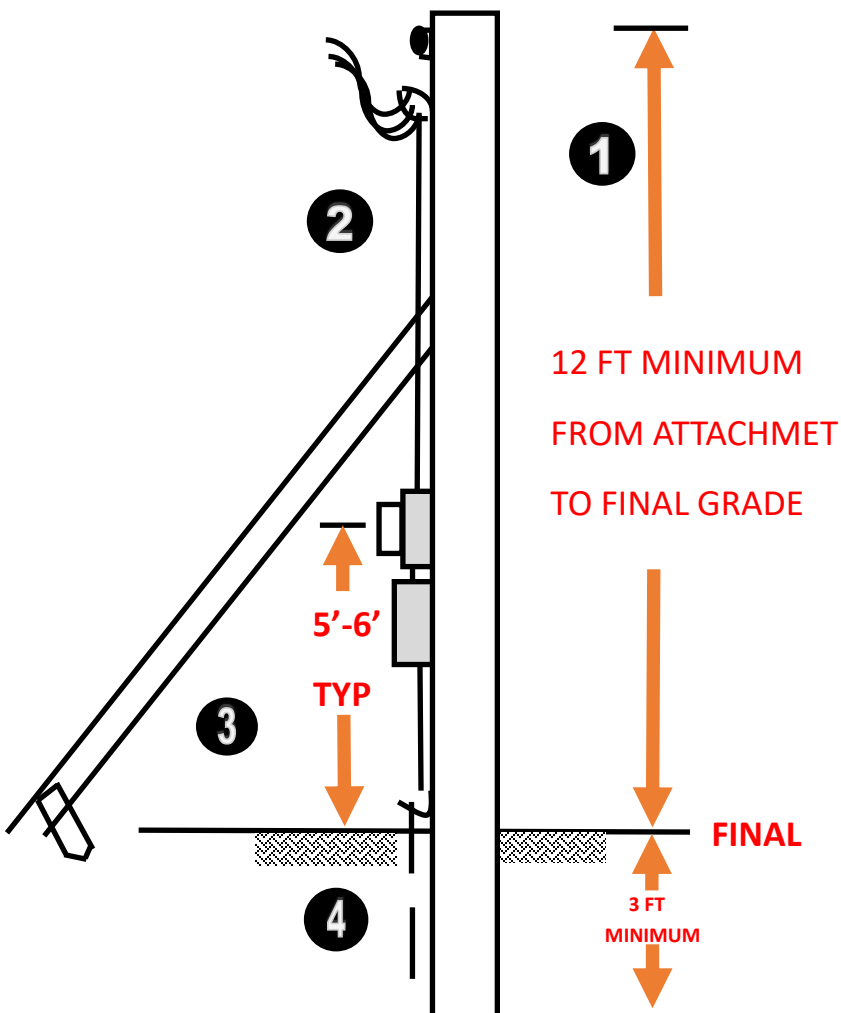


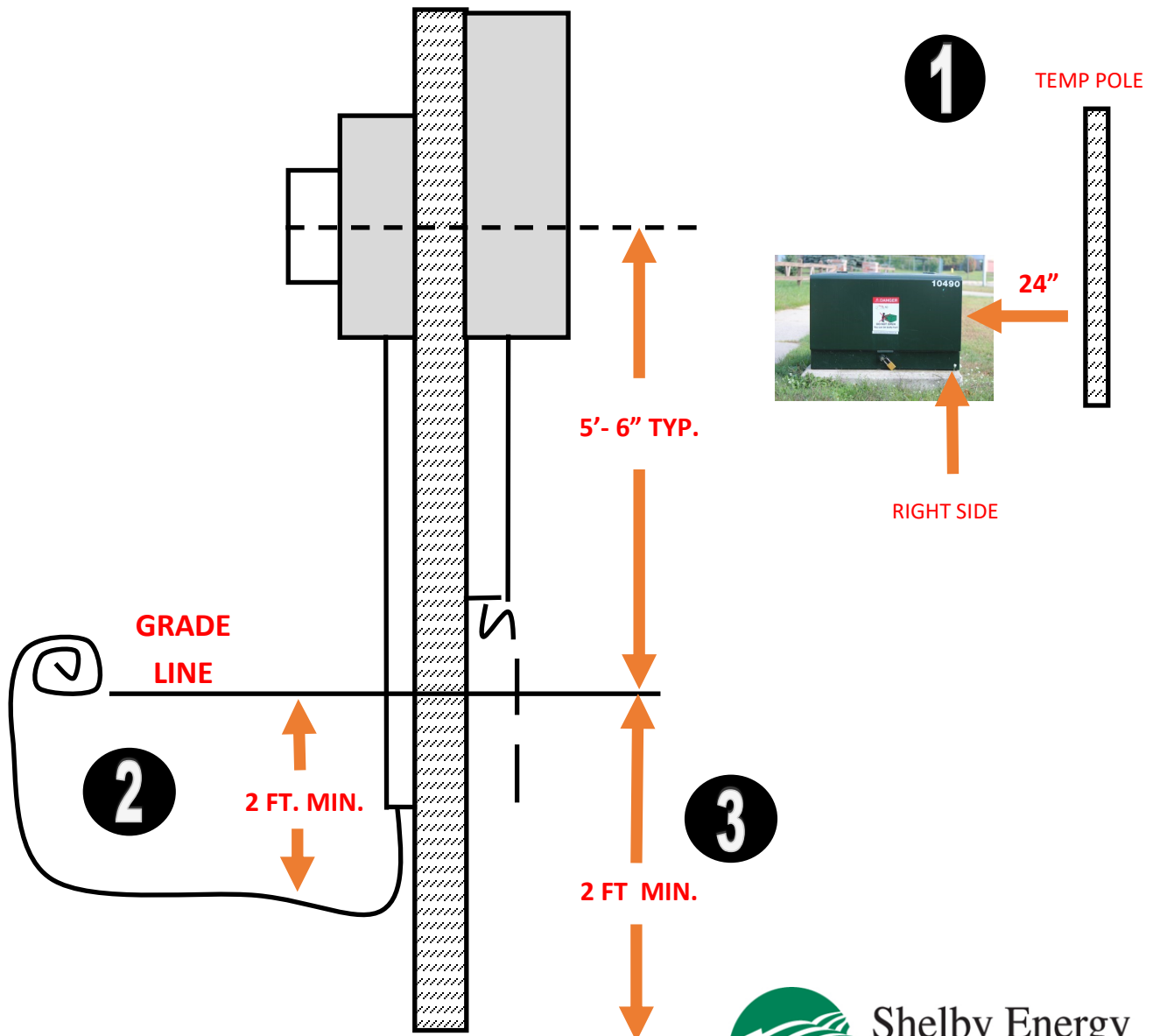
TEMPORARY METER POLE

- 1** 12 FT. MINIMUM ATTACHMENT HEIGHT FOR SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC. 16 FT. MINIMUM CLEARANCE ABOVE DRIVEWAYS, PARKING LOTS, ALLEYS, CULTIVATED OR GRAZING, OR OTHER LAND TRAVERSED BY VEHICLES.
- 2** TEMPORARY POLE TO BE CONSTRUCTED OUT OF 2) 2"X6"X 15' FORMING A TEE OR 1) 4"X6"X 15' POST. IF THE TEMPORARY SERVICE IS TO BE LONGER THAN 50 FT, A 6"X6"X 15' POST WILL BE REQUIRED. NO TEMPORARY SERVICE SHALL EXCEED 75 FT. IN LENGTH.
- 3** REQUIRED MATERIALS MUST BE FURNISHED BY THE CONSUMER AND/OR ELECTRICIAN AND MUST MUST BE INSTALLED PER THE NATIONAL ELECTRIC CODE AND SHALL BE INSPECTED BY THE COUNTY APPOINTED STATE ELECTRICAL INSPECTOR.
- 4** TEMPORARY METER POLE IS TO BE INSTALLED WHERE STAKED BY SHELBY ENERGY REPRESENTATIVE



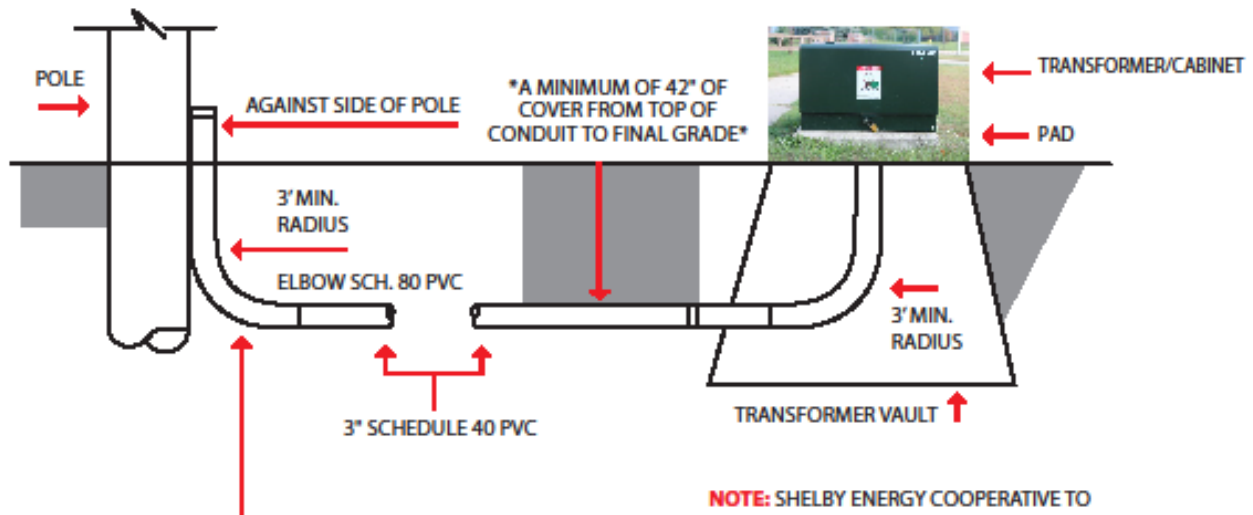
UG TEMPORARY METER POLE

- 1** TEMPORARY METER POLE IS TO BE LOCATED WITHIN 24" OF PADMOUNT TRANSFORMER/ SECONDARY PEDESTAL. IT SHALL BE LOCATED ON THE RIGHT SIDE OF THE TRANSFORMER/ PEDESTAL. (RIGHT SIDE IF FACING THE LOCK) THERE SHOULD BE A MINIMUM OF 6' OF CABLE FOR SHELBY ENERGY TO MAKE THE CONNECTION.
- 2** REQUIRED MATERIALS MUST BE FURNISHED BY THE CONSUMER/ ELECTRICIAN AND MUST BE INSTALLED PER THE NATIONAL ELECTRIC CODE AND SHALL BE INSPECTED BY THE APPOINTED STATE ELECTRICAL INSPECTOR.
- 3** ALL MATERIALS ARE TO BE MOUNTED TO 1) 2"X6"X8' OR 1) 4"X4"X8" POST.



UNDERGROUND PRIMARY

- 1) SHELBY ENERGY COOPERATIVE TO APPROVE PADMOUNT TRANSFORMER AND/OR PULL BOX LOCATIONS.
- 2) CONDUIT TO BE FURNISHED AND INSTALLED BY CONSUMER, INCLUDING A CONDUIT PULL ROPE.
- 3) TRENCH TO BE LEFT OPEN FOR SHELBY ENERGY COOPERATIVE TO INSPECT. PLEASE REFER TO TRENCHING AND CONDUIT SPECIFICATIONS BELOW.



ALL PRIMARY TO BE CONSTRUCTED WITH ONLY ELECTRICAL 90° ELBOWS and 45° ANGLE FITTINGS, SHALL BE NO MORE THAN 3-90° ELBOWS OR COMBINATION THEREOF. FOR EXAMPLE, 1-90 AT THE HOUSE, 1-90 AT THE POLE OR TRANSFORMER, 1-90 or 2-45's CAN BE INSTALLED IN THE REMAINING CONDUIT. ALL RISER ELBOWS TO BE SCH. 80 PVC.

NOTE: SHELBY ENERGY COOPERATIVE TO FURNISH AND INSTALL TRANSFORMER VAULT AND/OR FEED-THRU PULL BOXES, AFTER CONDUIT HAS BEEN INSTALLED.

IMPORTANT: SHOULD TRENCH LENGTH EXCEED 500' AND/OR HAVE CHANGES IN TERRAIN, AND DIRECTION THAT PREVENTS ADEQUATE INSTALLATION OF COOPERATIVE FACILITIES, THEN FEED-THRU/PULL BOXES MAY BE ADDED INTERMITTENTLY ALONG TRENCH ROUTE AS DETERMINED BY YOUR SHELBY ENERGY COOPERATIVE.



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UNDERGROUND METER PEDESTAL

1

CONSTRUCTED WITH 2) 6"X6" TREATED POSTS, BOLTED TOGETHER AND SET IN THE GROUND 3 FEET.

2

METER BASE SHOULD BE MINIMUM OF 5 FEET ABOVE GROUND WITH MAXIMUM OF 6 FEET ABOVE GROUND. DISCONNECT/ BREAKER PANEL CAN BE MOUNTED BELOW OR ON OPPOSITE SIDE OF PEDESTAL.

3

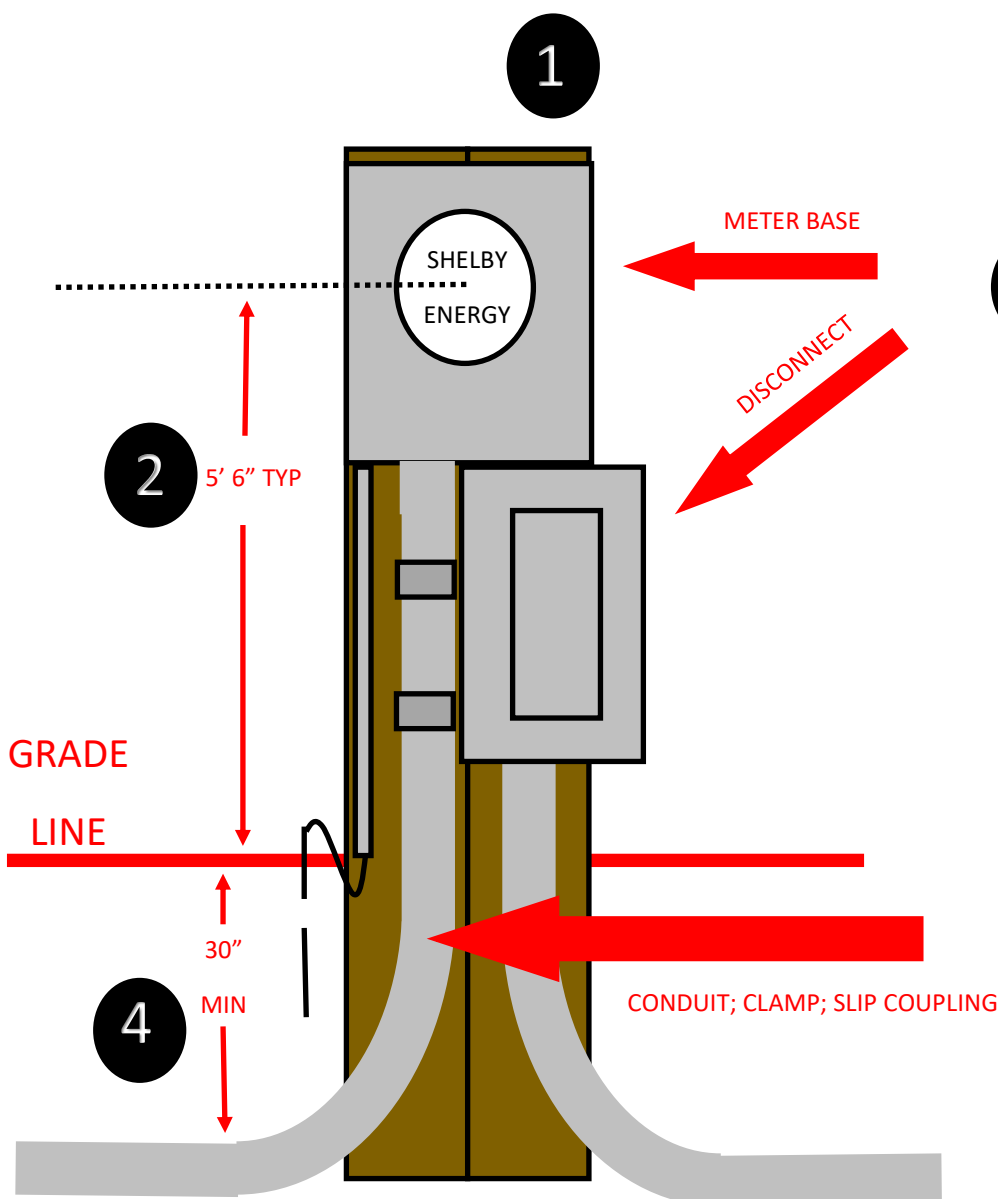
MATERIALS ARE TO BE PROVIDED AND INSTALLED BY THE MEMBER/ ELECTRICIAN PER THE NATIONAL ELECTRIC CODE AND MUST BE INSPECTED BY THE COUNTY APPOINTED STATE ELECTRICAL INSPECTOR.

4

SUPPLY CONDUIT MUST BE A MINIMUM OF 30" DEEP FROM FINAL GRADE.



Know what's below.
Call before you dig.

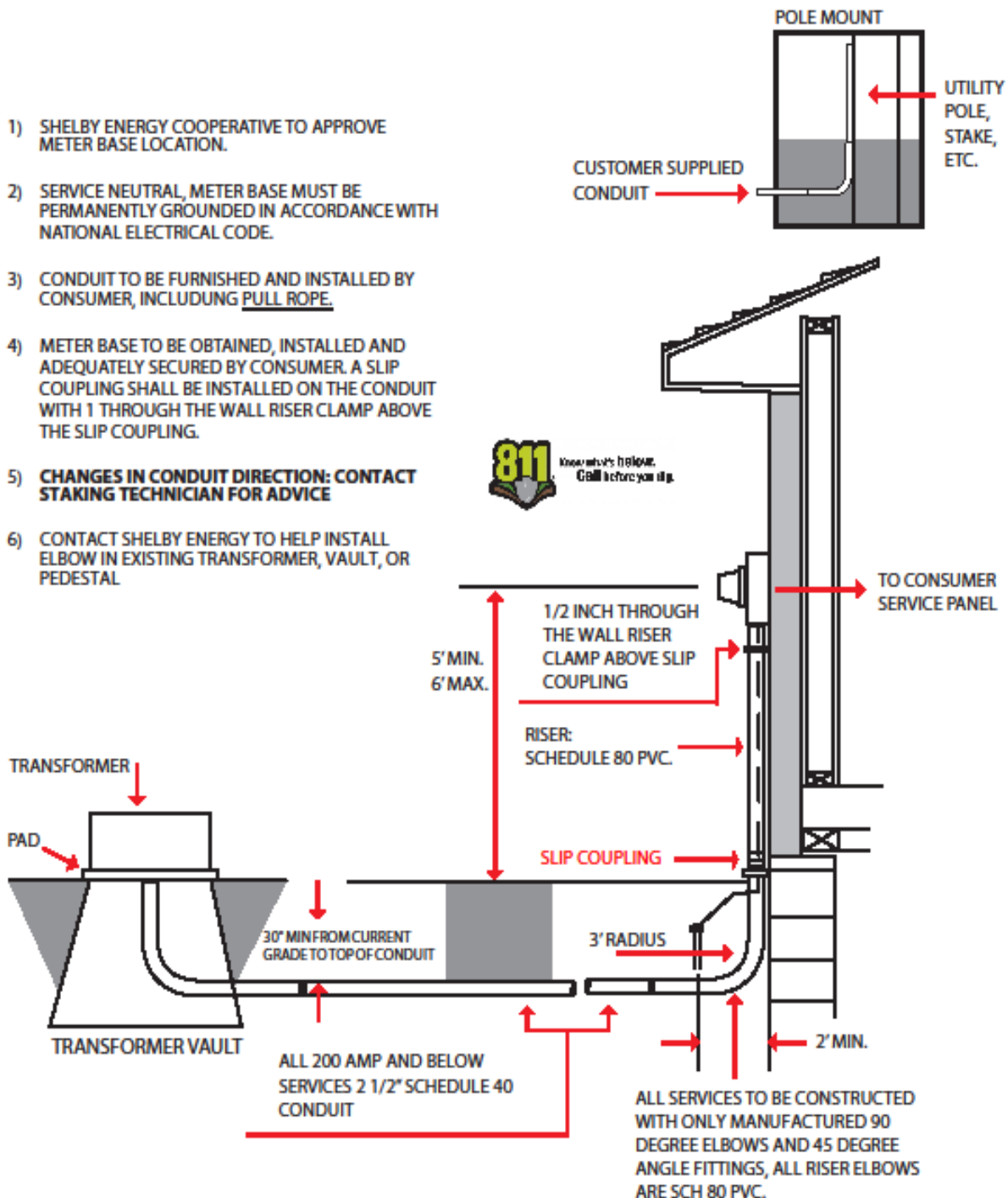


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UNDERGROUND SERVICE

- 1) SHELBY ENERGY COOPERATIVE TO APPROVE METER BASE LOCATION.
- 2) SERVICE NEUTRAL, METER BASE MUST BE PERMANENTLY GROUNDED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE.
- 3) CONDUIT TO BE FURNISHED AND INSTALLED BY CONSUMER, INCLUDING PULL ROPE.
- 4) METER BASE TO BE OBTAINED, INSTALLED AND ADEQUATELY SECURED BY CONSUMER. A SLIP COUPLING SHALL BE INSTALLED ON THE CONDUIT WITH 1 THROUGH THE WALL RISER CLAMP ABOVE THE SLIP COUPLING.
- 5) **CHANGES IN CONDUIT DIRECTION: CONTACT STAKING TECHNICIAN FOR ADVICE**
- 6) CONTACT SHELBY ENERGY TO HELP INSTALL ELBOW IN EXISTING TRANSFORMER, VAULT, OR PEDESTAL



IMPORTANT: SHOULD TRENCH LENGTH EXCEED 150' OR SERVICE ENTRANCE SIZE BE LARGER THAN 200 AMP, CONSULT WITH SHELBY ENERGY COOPERATIVE FOR SPECIAL DESIGN.

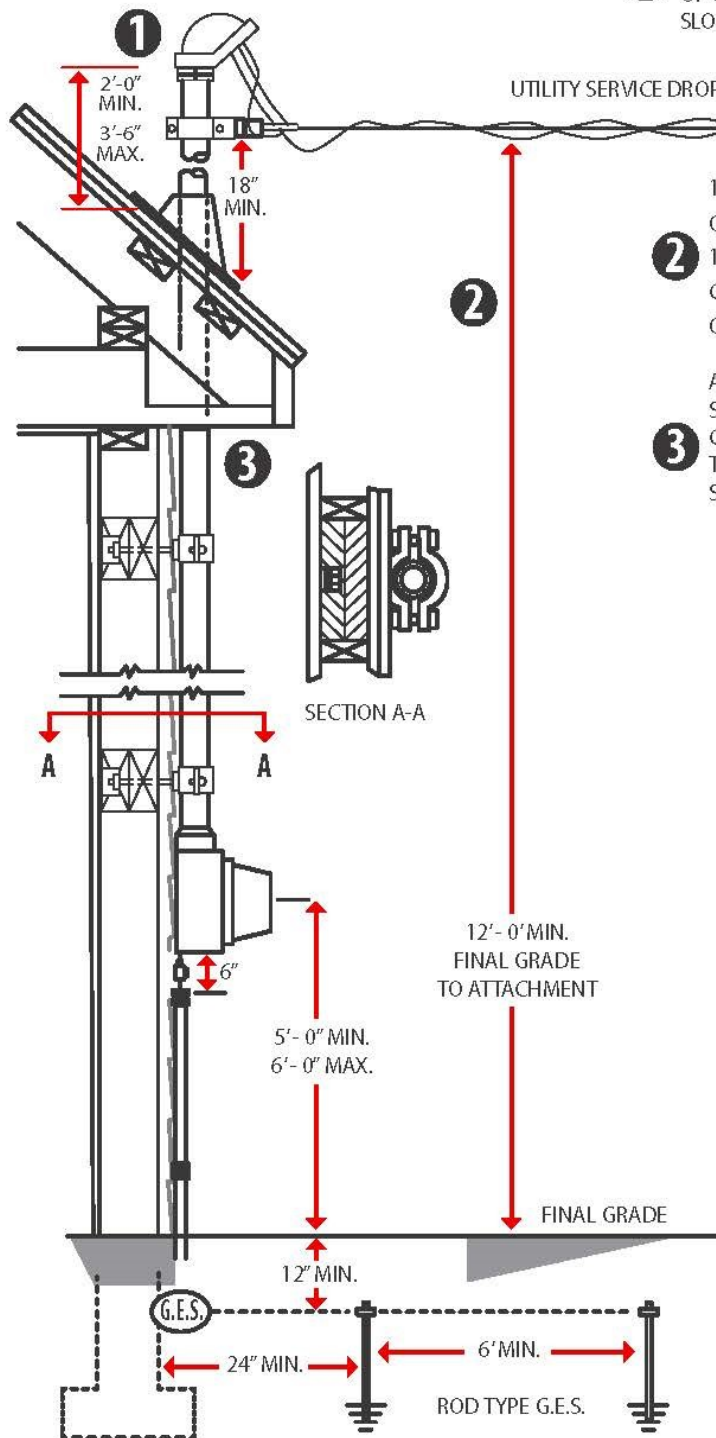


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Service Above Roof

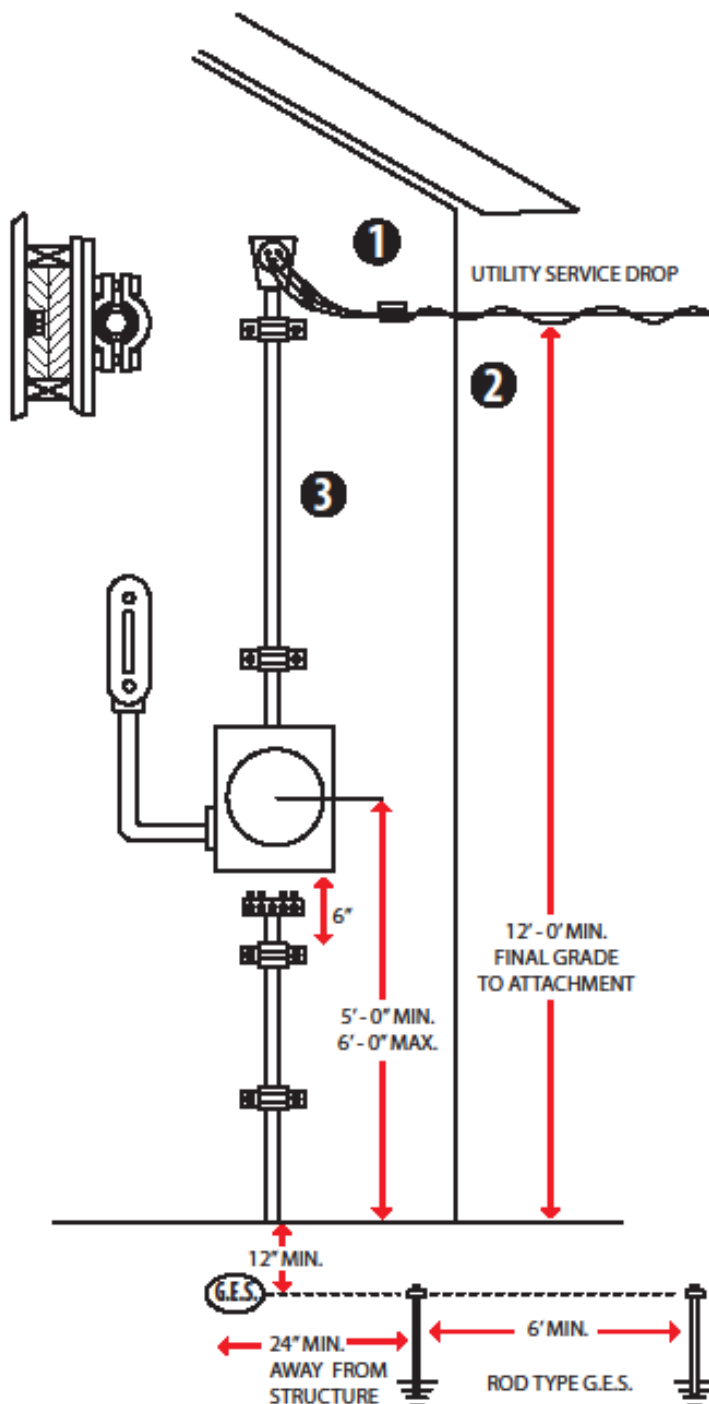
A SERVICE MAST IS REQUIRED WHEN IT IS NOT POSSIBLE TO MAINTAIN 12-FT. CLEARANCE FROM FINISHED GRADE TO ATTACHMENT POINT. VERTICAL CLEARANCE OF CONDUCTOR TO ROOF SURFACE DEPENDS ON THE SLOPE OF THE ROOF. (SEE NEC 230 -24 (A))



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OVERHEAD SERVICE BELOW ROOF

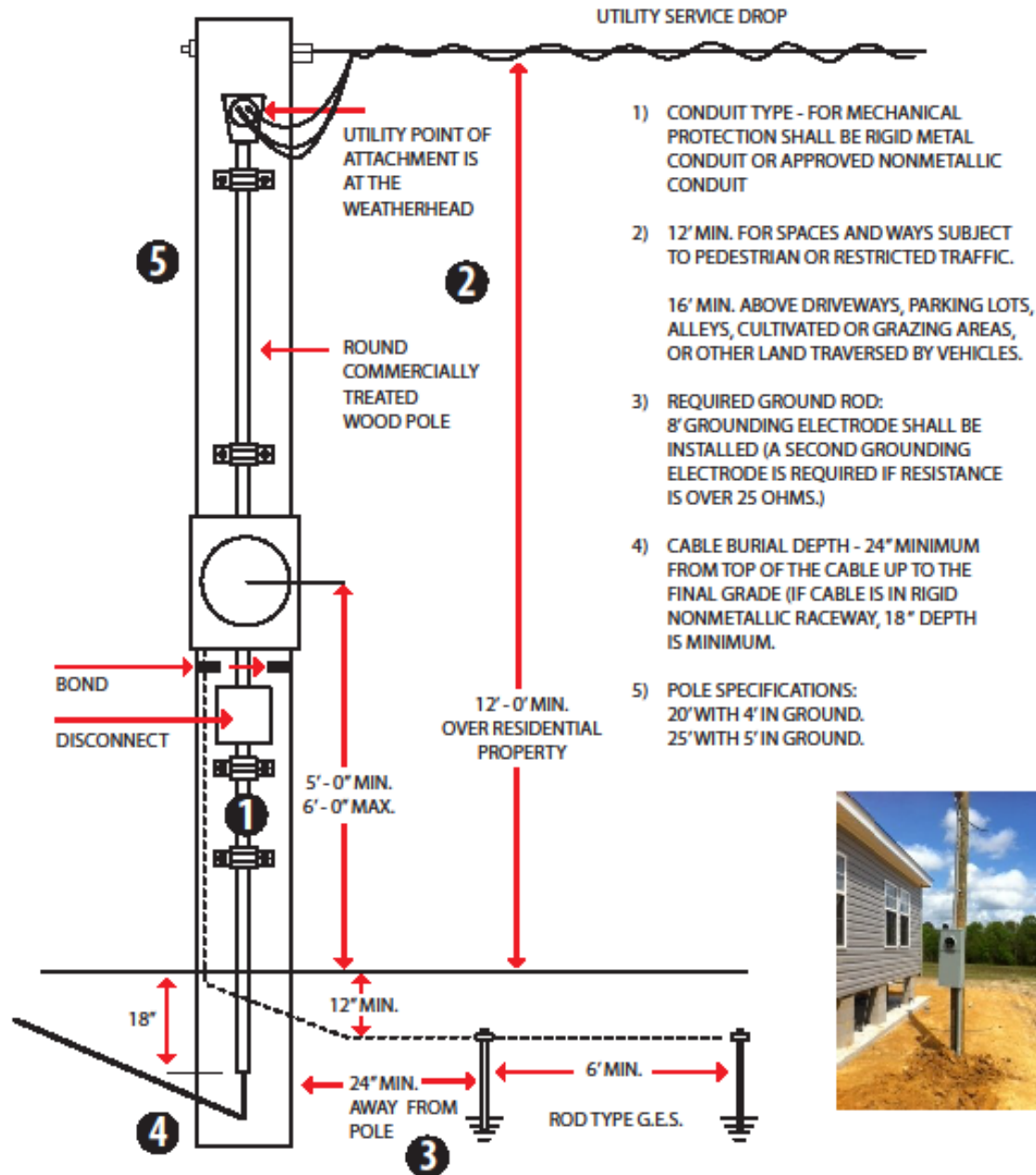


- 1) SERVICE ATTACHMENT POINT SHOULD BE NO MORE THAN 2 FEET FROM THE WEATHERHEAD AND INSTALLED BY THE ELECTRICIAN TO ATTACH UTILITY SERVICE DROP. (SEE UTILITY FOR LOCATION)
- 2) 12 FT. MIN. FOR SPACES AND WAYS SUBJECT TO PEDESTRIAN OR RESTRICTED TRAFFIC
16 FT. MINIMUM ABOVE DRIVEWAYS, PARKING LOTS, ALLEYS, CULTIVATED OR GRAZING AREAS, OR OTHER LAND TRAVERSED BY VEHICLES
- 3) MIN. CONDUIT SIZE: CONTACT UTILITY



Meter Pole Service

Direct Wire Type to Service Pole



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