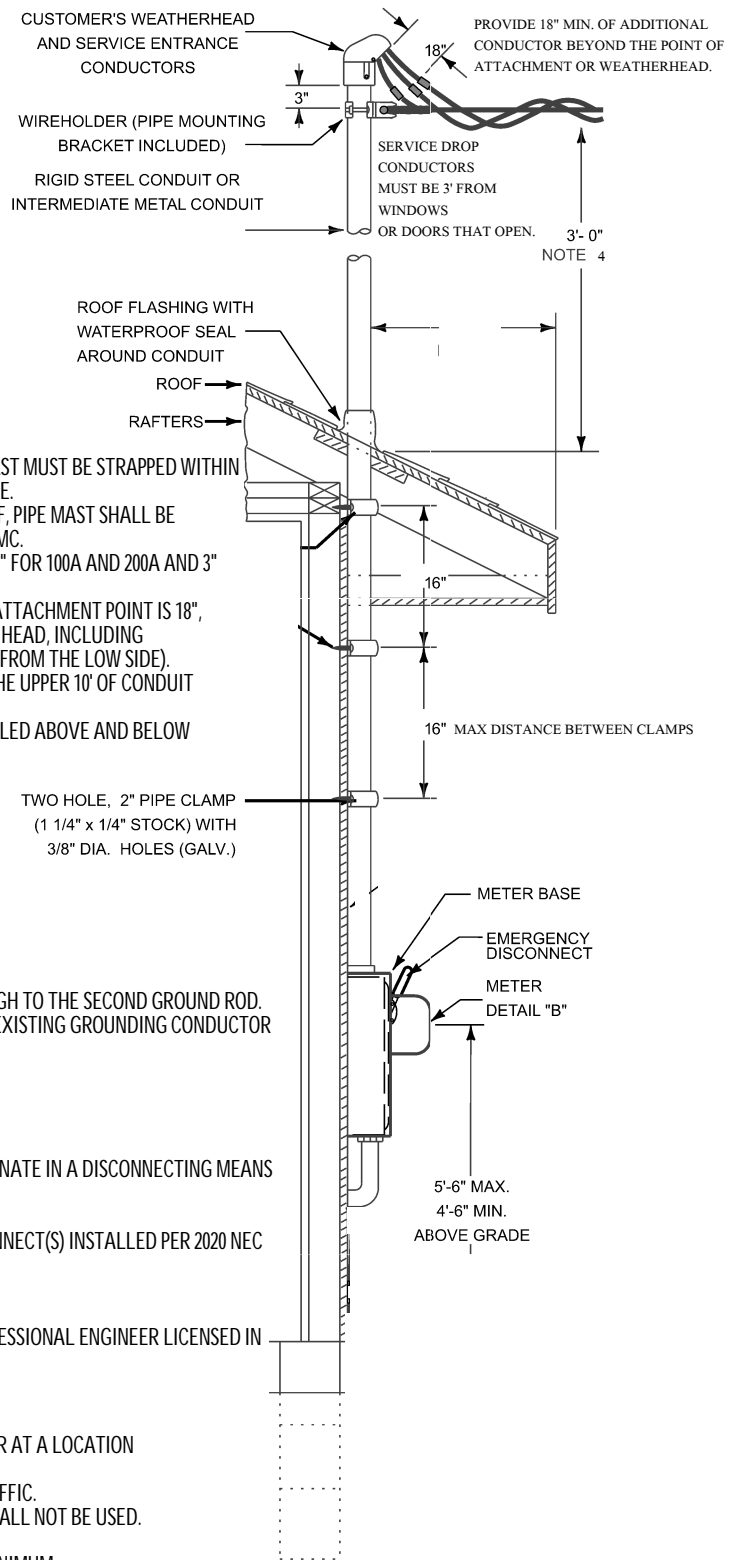


ENTRANCE CABLE OR PIPE MAST

1. THE ENTRANCE CABLE OR PIPE MAST MUST BE STRAPPED WITHIN 12" OF THE TOP OF THE METER BASE.
2. FOR EXTENSIONS ABOVE THE ROOF, PIPE MAST SHALL BE GALVANIZED RIGID CONDUIT OR IMC.
3. PIPE MAST SHALL BE A MINIMUM 2" FOR 100A AND 200A AND 3" FOR 320A INSTALLATIONS.
4. ABOVE THE ROOF, THE MINIMUM ATTACHMENT POINT IS 18", MAXIMUM IS 36". MAXIMUM MAST HEAD, INCLUDING WEATHERHEAD IS 42" (MEASURED FROM THE LOW SIDE).
5. FOR PIPE MAST INSTALLATIONS, THE UPPER 10' OF CONDUIT SHALL BE WITHOUT COUPLING.
6. CONDUIT STRAPS MUST BE INSTALLED ABOVE AND BELOW COUPLINGS.



GROUNDING

1. CUSTOMER GROUNDING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC).
2. THE GROUND WIRE MUST NOT BE CONNECTED OR PASS THROUGH THE METER BASE.
3. CUSTOMER SHALL INSTALL 2-5/8" X 8" GROUND RODS INSTALLED A MINIMUM OF 6' APART.
4. GROUND WIRE MUST BE MINIMUM #4 COPPER.
5. GROUNDING CONDUCTOR MUST BE INSTALLED CONTINUOUS FROM THE SERVICE DISCONNECT THROUGH TO THE SECOND GROUND ROD.
6. FOR EXISTING INSTALLATIONS, THE SECOND GROUND ROD CAN BE ADDED WITHOUT REPLACING THE EXISTING GROUNDING CONDUCTOR AS LONG AS IT IS PROPERLY SIZED AND BONDED TO THE FIRST GROUND ROD.
7. INTERSYSTEM BONDING TERMINATION SHALL BE PROVIDED PER NEC.

SERVICE DISCONNECT / EMERGENCY DISCONNECT

1. INSTALLATIONS FOR ONE & TWO-FAMILY DWELLING UNITS, ALL SERVICE CONDUCTORS SHALL TERMINATE IN A DISCONNECTING MEANS IN A READILY ACCESSIBLE OUTDOOR LOCATION. PER 2020 NEC 230.85.
2. EMERGENCY DISCONNECT MUST BE PROPERLY LABELED.
3. OTHER INSTALLATIONS THAT ARE NOT ONE & TWO FAMILY DWELLING MUST HAVE A SERVICE DISCONNECT(S) INSTALLED PER 2020 NEC 230.70.
4. ALL SERVICE DISCONNECTS MUST BE GROUPED.
5. A BUILDING SHALL BE SERVED BY ONLY ONE SERVICE, UNLESS PERMITTED IN 2020 NEC 230.2 (A)-(D).
6. APPROVED FIREWALL LETTER CAN BE ISSUED BY A LOCAL AHJ, WV STATE FIRE MARSHAL, OR A PROFESSIONAL ENGINEER LICENSED IN WEST VIRGINIA.

GENERAL CONDITION NOTES

1. METER BASE SHALL BE INSTALLED OUTSIDE OF THE BUILDING WALL NEAREST TO APCO FACILITIES OR AT A LOCATION DESIGNATED BY AN APCO REPRESENTATIVE.
2. LOCATION MUST BE EASILY ACCESSIBLE AND OUT OF THE WAY OF PEDESTRIAN AND VEHICULAR TRAFFIC.
3. JACKETED SEU CABLE SHALL BE USED FOR NON-PIPE MAST INSTALLATIONS. SINGLE RATED CABLE SHALL NOT BE USED.
4. THE OVERHEAD SERVICE CONDUCTORS SHALL NOT CROSS A SWIMMING POOL.
5. THE OVERHEAD SERVICE ATTACHMENT POINT SHALL BE INSTALLED AT A HEIGHT THAT PROVIDES MINIMUM CLEARANCES AS DESCRIBED IN THE 'SERVICE DROP CLEARANCES' GUIDE.
6. METER BASE MUST BE INSTALLED IN A PLUMB POSITION.
7. THE WALL SHALL BE CAPABLE OF PROPERLY SUPPORTING THE METERBASE IN ADDITION TO SERVICE ENTRANCE CABLE AND OR PIPE MAST.
8. FOR SERVICE CABLE INSTALLATIONS OR PIPE MAST INSTALLATIONS BELOW THE ROOF, A WIRE HOLDER FOR THE SERVICE DROP SHALL BE SECURELY FASTENED TO THE BUILDING FRAME.



**INSTALLATION REQUIREMENTS FOR TYPICAL
320 AMP OR LESS OVERHEAD SERVICE**

DECEMBER 2024