

CITY OF COLUMBIA WILL FURNISH & INSTALL CONDUIT & CONDUCTOR TO NEW ELECTRIC METERS THAT COMPLY WITH THE FOLLOWING:

1. METER BASE IS TO BE MOUNTED WITHIN 6 FEET FROM THE FRONT CORNER OF THE RESIDENCE ON THE SIDE CLOSEST TO THE POWER SOURCE.
2. BELOW GRADE OBSTRUCTIONS (ie. ROCKY TERRAIN OR BUILDING FOOTINGS, OR SLAB OVER-POUR THAT PREVENT THE CONDUIT ELBOW FROM TURNING UP AT THE BUILDING WALL) SHALL NOT BE ALLOWED.
3. IN ALL CASES METER BASE TO BE MOUNTED BETWEEN FIVE AND SEVEN FEET ABOVE FINISHED GRADE.
4. METER BASE TO BE MOUNTED **NO LOWER THAN** THE ELEVATION OF THE TRANSFORMER PAD OR SECONDARY BOX.
5. FINAL ELECTRICAL INSPECTION IS PASSED AND E-TAG IS ISSUED.

METER BASE LOCATIONS NOT COMPLYING WITH THE ABOVE WILL REQUIRE THE CONTRACTOR TO FURNISH AND INSTALL THE CONDUIT AS FOLLOWS PER THE NON COMPLIANT METER POSITION RULES:

1. **ALL CUSTOMER INSTALLED FACILITIES MUST BE INSPECTED AND APPROVED BY COLUMBIA WATER & LIGHT INSPECTORS BEFORE CONTRACTOR MOUNTS THE METER BASE AND BACKFILLS TRENCH. CALL 573-874-6200.**
2. CONTRACTOR TO EVALUATE METER BASE MOUNTING HEIGHT. WHEN THE METER BASE HEIGHT IS LOWER THAN THE ELEVATION OF THE TRANSFORMER PAD (OR SECONDARY BOX), THE CONTRACTOR WILL INSTALL A WEATHER PROTECTED AIR-GAP DEVICE APPROVED BY COLUMBIA WATER AND LIGHT, TO PREVENT GROUND WATER FROM FLOWING THROUGH THE SERVICE CONDUIT & METER BASE, AND INTO THE STRUCTURE.
3. CONTRACTOR WILL FURNISH AND INSTALL SLIP JOINT COUPLING BELOW METER BASE (AND AIR-GAP WHEN USED), 3" SCHED. 40 PVC CONDUIT & SCHED. 40 PVC 3"X36" RADIUS BENDS, WITH 3 FEET OF COVER FROM METER BASE TO APPROX. 5 FT OF TRANSFORMER OR SECONDARY BOX. WHEN THE CONDUIT RUN IS GREATER THAN 100' OR CONTAINS HORIZONTAL BENDS, ALL BENDS TO BE 3"X36" GALV. RIGID STEEL WITH CORROSION PROTECTION. NO MORE THAN (3) 90 DEG. BENDS TO BE USED BY CONTRACTOR. DO NOT TRENCH CLOSER THAN 5 FEET FROM TRANSFORMER OR SECONDARY BOX.
4. CORROSION PROTECTION WILL CONSIST OF SCOTCHRAP 50 PRIMER AND SCOTCHRAP 50 TAPE. TAPE WRAP TO HAVE 1/2" OVERLAP. CORROSION PROTECTION IS REQUIRED ON ALL GALV. RIGID STEEL BELOW GRADE.
5. CWL WILL FURNISH AND INSTALL THE SERVICE CABLE AFTER E-TAG INSPECTION, AND ALL NON-COMPLIANT METER POSITION RULES ARE MET.

