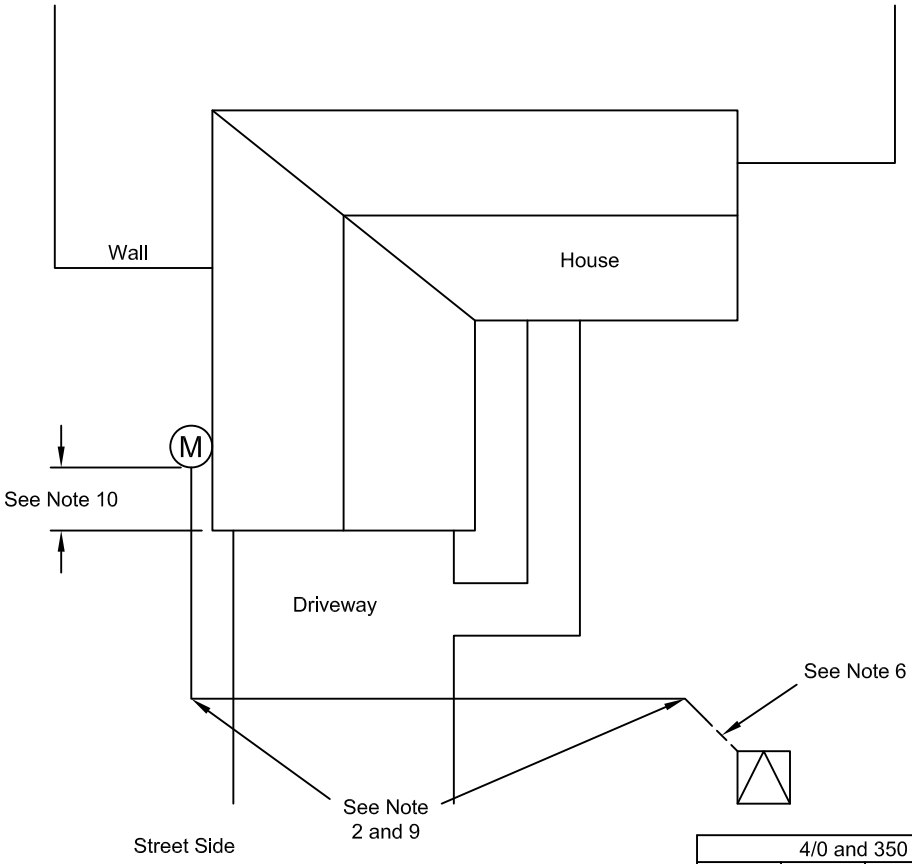
| REVISION | Moved to Section 4 from DM |
|---|---|

DISTRIBUTION
STANDARD
PNM




| 4/0 and 350 Triplex | | |
|---|---|---|
| Bend | Length | Maximum Summation of Degrees |
| 0 | 300' | 0° |
| 1 | 200' | 45° |
| 1 | 175' | 90° |
| 2 | 125' | 135° |
| 2 | 75' | 180° |

NOTES

(1) Installation must conform to commonly approved utility installation procedures with appropriate equipment to measure tensions during installation. See DM-10-3.1.
(2) Conduit runs shall not exceed the maximum bends, length and summation of degrees combination as described in the table for pulling either 600V - 4/0 or 350 triplex in 3" conduit.
(3) Bend angles must be either 22.5 °, 45° or 90° and shall have a bend radius of 36".
(4) All bends shall be factory bend.
(5) Max summation of degrees does not include 90° elbow stubouts at meter riser or transformer.
(6) One gallon of lubricant must be used to achieve the length as listed, especially for bends in the run.
(7) Stubouts are pre-installed at 45° in reference to the transformer pad.
(8) See "Underground Secondary Service Conduit Routing Explanation" for a detail example of the table.
(9) See "600V secondary in Conduit - Material Specification" for the listed materials.
(10) In the example picture shown above, meter to transformer has two bend in the conduit run, therefore max length is 125' and max summation degree in the run can be 135° for using either 4/0 or 350 triplex conductor.
(11) Locate meter on the side of home, must be within 10' of the street side of the house, but not behind stem walls, sidewalls or other encumbrances.
(12) Customer must supply and install a 3" PVC to Rigid adapter to service losher prior to PNM installing the 3" PVC service conduit.
(13) Contact your new service representative for meter location spotting.

REFERENCES

(1) See DM-10-3.1 Underground Secondary Service Conduit Routing Explanation
(2) See DM-10-3.2 Maximum Underground Residential Service Length
(3) See DS-4-3.0 Attachment of Service to Riser
(4) See DS-10-8.1 Trench Details
(5) See MS-2-2.0 120/240V 125/200A Permanent Overhead and Underground Single-Phase Meter Socket
(6) See MS-2-10.0 320A Meter Socket with Bypass
(7) See MS-3-7.0 Over 320A 240V Single-Phase Meter Options
(8) See MS-7-1.0 Underground or Overhead Working Space for Electric Meters

# Underground Secondary Service Conduit Routing

DS-4-13.0

Not to Scale

03/01/21