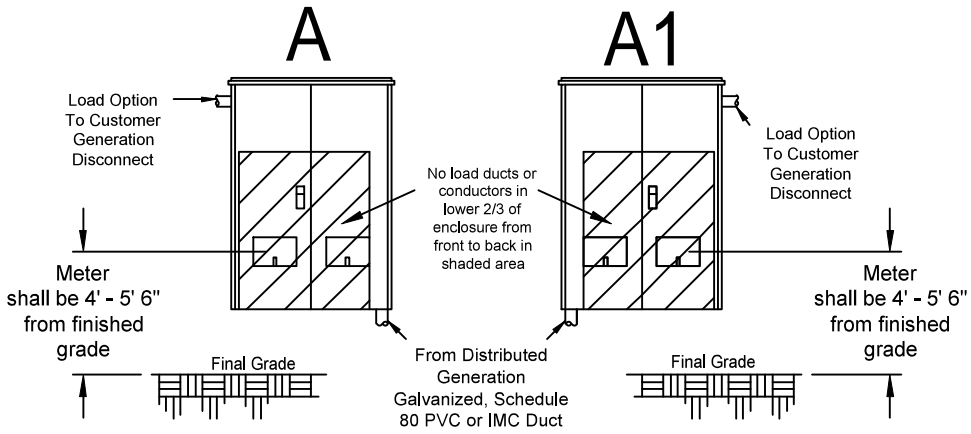
REVISION	All conduits or nipples exiting a CT enclosure will be the same size and same number of conduits going out as the entrance conduits without exception.

PNM
METER
STANDARD

Underground Service



NOTES

(1) MS-3-2.0 Double-Window Three-Phase Instrument Transformer and Meter Enclosure.
(2) Must be used when main switch is larger than 200A.
(3) Use only one of the options.
(4) Must have 3/4" plywood backing inside enclosure.
(5) If ducts or conductors cannot be kept out of shaded area due to parallel or large conductors. Drawings B must be used.
(6) Maximum of 2 runs of 500 kcmil cable in a maximum of 2 ducts.
(7) Line and load options shall be on different quarter section.
(8) Must pull neutral for every circuit and cannot undersize by more than one size of the phases conductors. Neutral to be same size as phase conductors.
(9) Cannot terminate neutral in meter enclosure (must pull neutral thru REC enclosure to another device i.e. additional disconnect or distribution block)
(10) Metering and instrument cabinets shall not be used to house Customer-owned equipment, such as distribution panels or other equipment, nor used as a junction box/trough for the distribution of circuits.
(11) Meter shall be 4' - 5' 6" from finished grade.

Important:

Socket shall be wired phase 1-2-3 from left to right and the conductors marked as such. Each conductor phase will be identified at the weather head or padmount, and at the meter base using band-wraps of electrical tape: one band for phase one, two bands for phase two, and three bands for phase three. White tape is suitable for neutral conductors only.

Underground Service

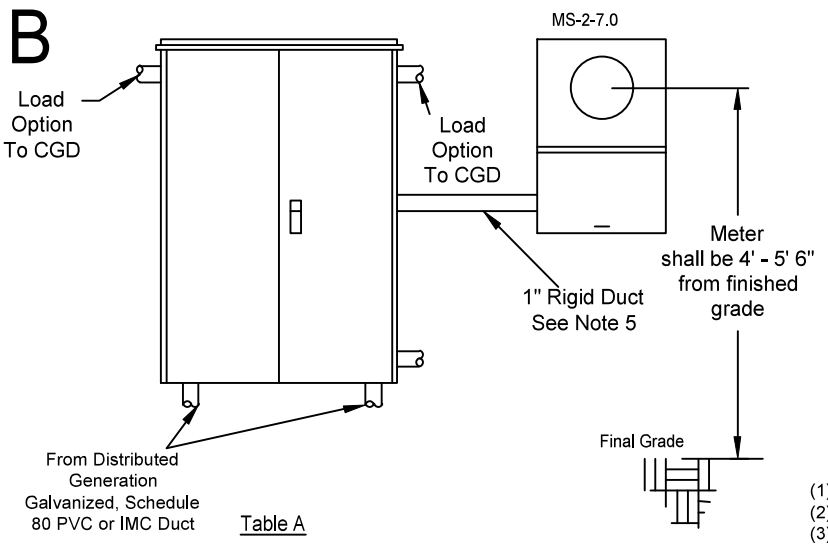


Table A

Allowed Number of Ducts	Maximum Conductors Size
2	750 kcmil
3	500 kcmil
5	Not Allowed
Maximum Four Conductors Per Duct	

All conduits or nipples exiting a CT enclosure will be the same size and same number of conduits going out as the entrance conduits without exception.

NOTES

(1) MS-2-7.0 Three-Phase Thirteen-Terminal Socket for CT Meter
(2) MS-3-3.0 Recording Meter Instrument Transformer Enclosure
(3) MS-3-4.0 Triplex Meter Enclosure
(4) If the number of runs or duct size exceed that allowed by Table A, use MS-3-3.0, MS-3-4.0 or MS-3-11.0 enclosure.
(5) Use only one of the load options.
(6) Does not necessarily go to transformer. Ducts have to be unbroken.
(7) All enclosures (drawings A and B) shall be securely mounted to building
(8) Line and load options shall be on different quarter section.
(9) Customer Generation Disconnect (CGD)
(10) Cannot terminate neutral in meter enclosure (must pull neutral thru REC enclosure to another device I.E. additional disconnect or distribution block)
(11) Metering and instrument cabinets shall not be used to house Customer-owned equipment, such as distribution panels or other equipment, nor used as a junction box/trough for the distribution of circuits.
(12) Meter shall be 4' - 5' 6" from finished grade.

Over 200A Three-Phase REC Meter Options

MS-8-6.0

Not to Scale

11/01/24 E