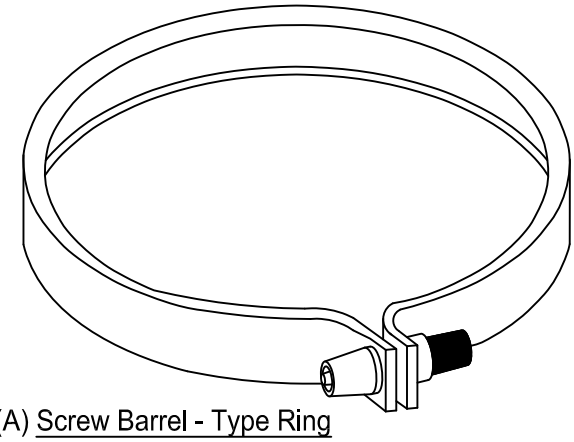
REVISION	Modified Approved Equipment list

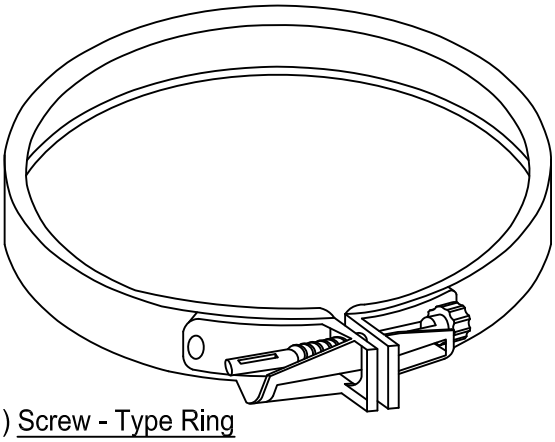
PNM
METER
STANDARD

APPROVED



(A) Screw Barrel - Type Ring

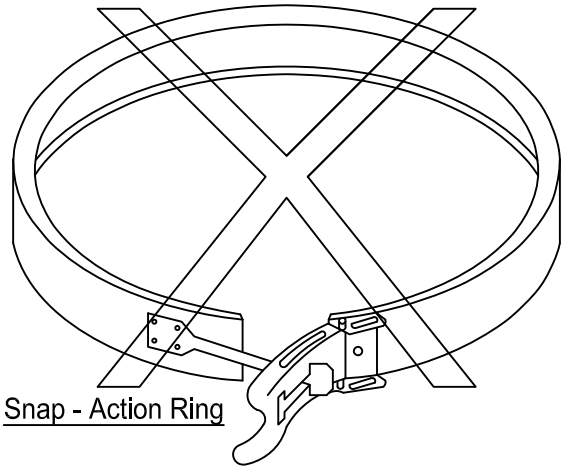
APPROVED



(B) Screw - Type Ring

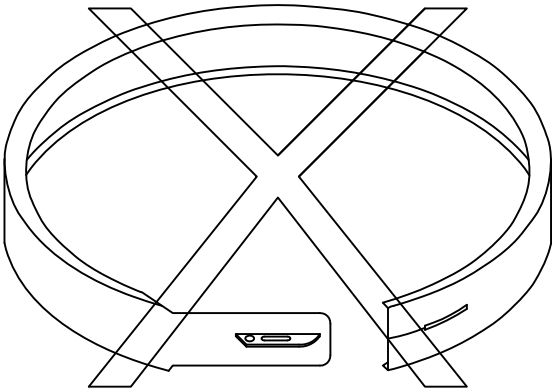
MAINTENANCE ONLY

DISAPPROVED



(C) Snap - Action Ring

DISAPPROVED



(D) Slip - Lock Ring

NOTES

(1) Type A socket ring 7000-480450 is approved for use on PNM's system.
(2) Type C has been disapproved due to installation problems, effective 08/01/11. Type D has been disapproved due to installation problems, effective 01/01/88.

Approved Equipment		
Manufacturer	Item	Mtg Part #
Brooks	Socket Ring	10-9090
DeWalch	Socket Ring	2221

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

Meter Socket Ring

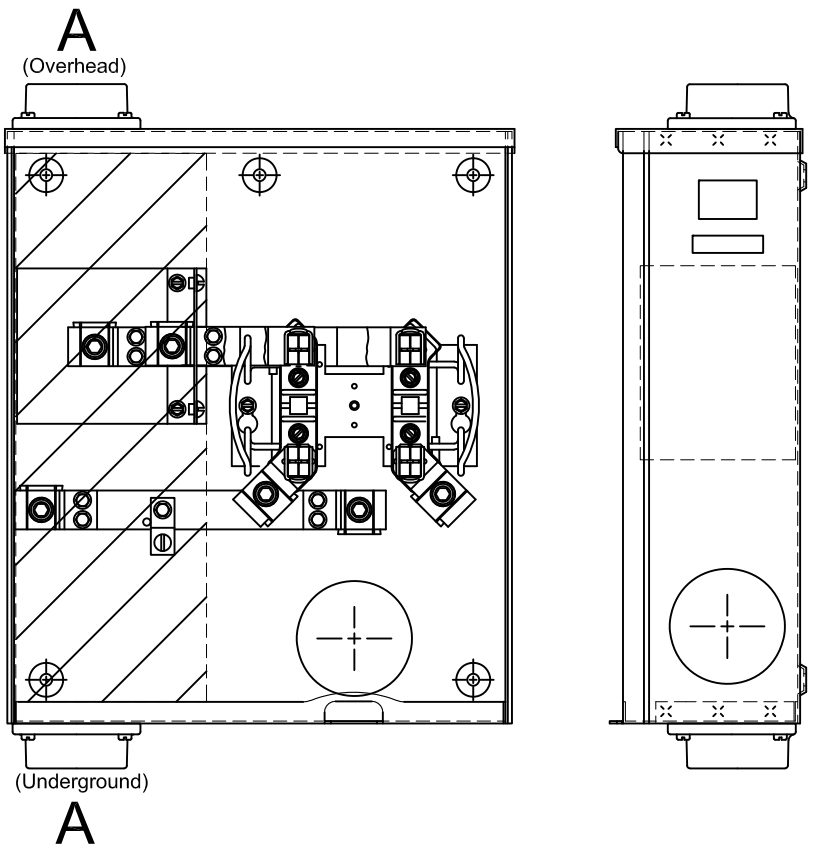
MS-2-1.0

Not to Scale

02/01/14 E

REVISION	Updated Approved Equipment list

PNM
METER
STANDARD



Allowable Uses

- Permanent 120/240 Overhead and Underground Services
- Permanent Customer Owned Underground Services
- Temporary Overhead and Underground Service

NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) Connections for terminating service conductors shall be the lay-in type.
(3) Service conduit to enter at point "A"
(4) No load conduits or load conductors in shaded area from front to back.
(5) PNM will make line terminations on underground permanent residential services only.
(6) 125A is only applicable for manufactured, mobile homes, temporary overhead and underground service and replacing existing 100A or less meter socket.
(7) Meter shall be 4' - 5' 6" from finished grade.
(8) If load is >320A, must use use MS-3-7.0.
(9) PNM does not permit a trough ahead of meter socket.
(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) Customer building numbers must be permanently painted on proper meter panels.

REFERENCES

(1) See DS-4-5.0 Underground Service Entrance System
(2) See DM-4-11.0 Maximum Available Fault Current
(3) See MS-3-7.0 Over 320A 240V Single-Phase Meter

Approved Equipment		
Manufacturer	Item	Mfg Part #
Eaton	125A OH/UG Ringless Socket	UTRS101BE
Eaton	125A OH/UG Ringless Socket	UTRS101CE
Eaton	200A OH/UG Ringless Socket	UTRS213BE
Eaton	200A OH/UG Ringless Socket	UTRS213CE
Eaton	200A OH/UG Ringless Socket	U92197CCCPLCH
Milbank	200A OH Ringless Socket	U7021-RL-TG
Milbank	200A UG Ringless Socket	U1980-O
Milbank	200A UG Ringless Socket	U4413-O
Milbank	200A UG Ringless Socket	U3850-O-TG
Siemens	200A UG Ringless Socket	UAS877-PG
Square D	200A UG Ringless Socket	UTRS101B
Square D	200A UG Ringless Socket	U92197CCCPL

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

120/240V 125/200A Permanent Overhead and Underground Single-Phase Meter Socket

MS-2-2.0

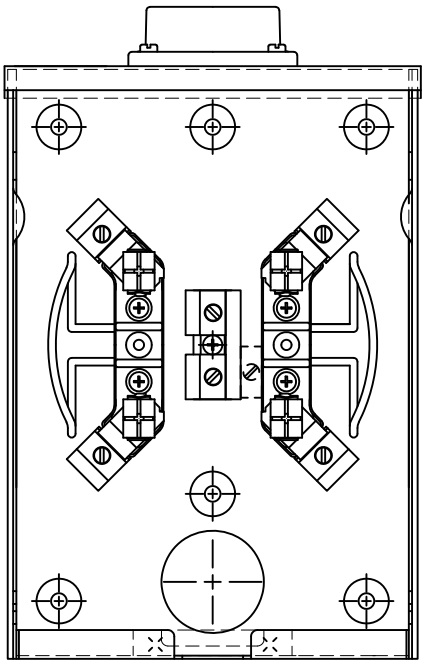
Not to Scale

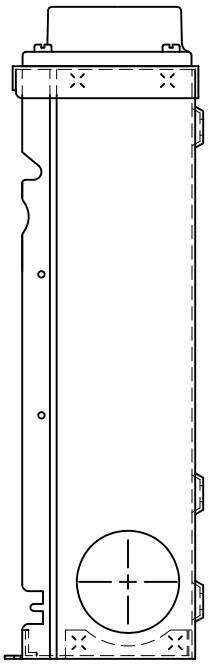
12/01/19 E

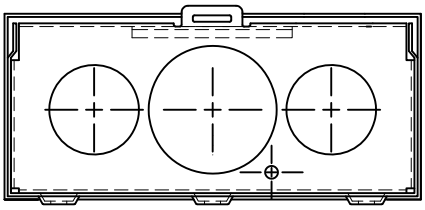
REVISION	Updated Approved Equipment

PNM
METER
STANDARD

A
(Overhead)







Allowable Uses

- Manufactured/Mobile Homes
- Replacing existing 100A or less meter socket
- Non-critical commercial application

NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) Connections for terminating service conductors shall be the lay-in type.
(3) Service conduit to enter at point "A"
(4) Meter shall be 4' - 5' 6" from finished grade.
(5) Commercial application for non-critical loads, i.e. sprinkler control and gates. PNM will allow socket without bypass handle.
(6) PNM does not permit a trough ahead of meter socket.
(7) 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.
(8) Customer building numbers must be permanently painted on proper meter panels.

REFERENCES

(1) See DS-4-6.0 120/240V Underground Service Pole
(2) See DS-4-8.0 Overhead Permanent/Temporary Single-Phase or Temporary Three-Phase Service Pole
(3) See DS-4-9.0 Underground Residential Customer-Owned Service
(4) See DM-4-11.0 Maximum Available Fault Current

Approved Equipment		
Manufacturer	Item	Mfg Part #
Durham	100A OH/UG Ringless Socket	UTRS101B
Eaton	125A OH Ringless Socket	MBT48B125BTS
Eaton	125A OH Ringless Socket	UTRS101(*)E
Eaton	125A OH Ringless Socket	IMP***
Milbank	125A OH Ringless Socket	U7487-RL-TG
Square D	125A OH Ringless Socket	RC8165100CH

* Varies depending on hub size.

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

120/240V 100-125A Single-Phase Meter Socket
Customer Overhead Services

MS-2-2.3

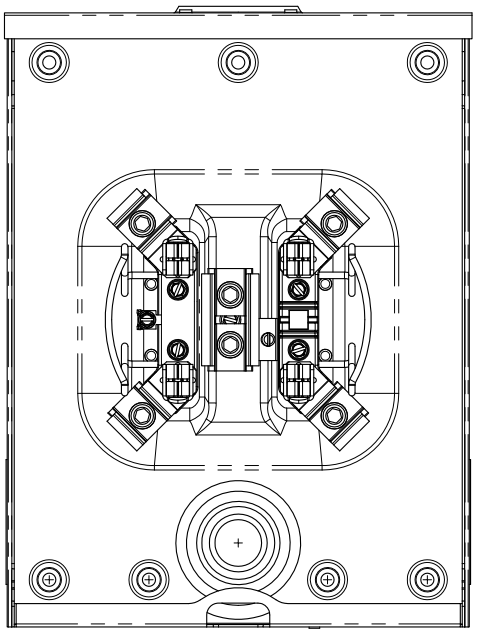
Not to Scale

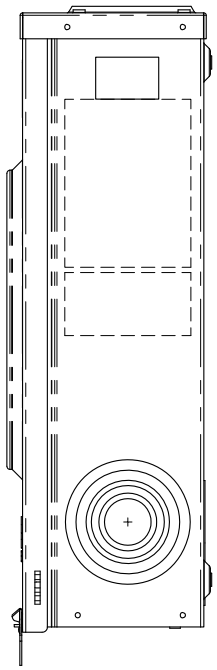
11/01/18 E

REVISION	Modified Note 4

PNM
METER
STANDARD

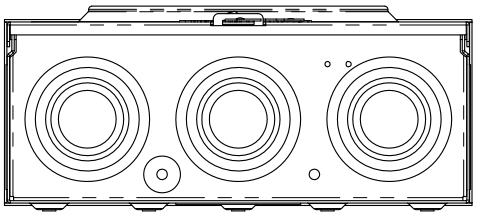
A
(Overhead)

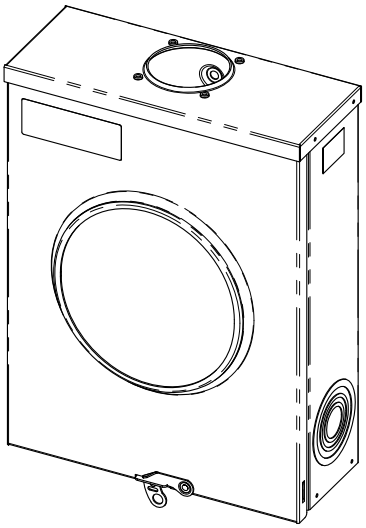




Allowable Uses

- 120/240 V
  Permanent/Temporary
  Services ONLY





NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) Connections for terminating service conductors shall be the lay-in type lug.
(3) Service conduit to enter at point "A"
(4) Meter shall be 4' - 5' 6" from finished grade.
(5) Commercial application for non-critical loads i.e. sprinkler control and gates. PNM will allow socket without bypass handle.
(6) PNM does not permit a trough ahead of meter socket.
(7) 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.
(8) Customer building numbers must be permanently painted on proper meter panels.

REFERENCES

(1) See DS-4-6.0 120/240V Underground Service Pole
(2) See DS-4-8.0 Overhead Permanent/Temporary Single-Phase or Temporary Three-Phase Service Pole
(3) See DS-4-9.0 Underground Residential Customer-Owned Service
(4) See DM-4-11.0 Maximum Available Fault Current
(5) See MS-3-7.0 Over 320A 240V Single-Phase Meter

Approved Equipment		
Manufacturer	Item	Mfg Part #
Eaton	200A OH Ringless Socket	UTRS202BCH
Eaton	200A OH/UG Ringless Socket	UTRS212BCH
Eaton	200A OH/UG Ringless Socket	UTRS213BE
Milbank	200A OH/UG Ringless Socket	U7021-RL-TG
Milbank	200A OH/UG Ringless Socket	U7040-XL-TG
Siemens	200A OH/UG Ringless Socket	UAT317-0G
Siemens	200A OH/UG Ringless Socket	UAT417-XG

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

240V 200A Single-Phase Meter Socket
Customer Overhead Service

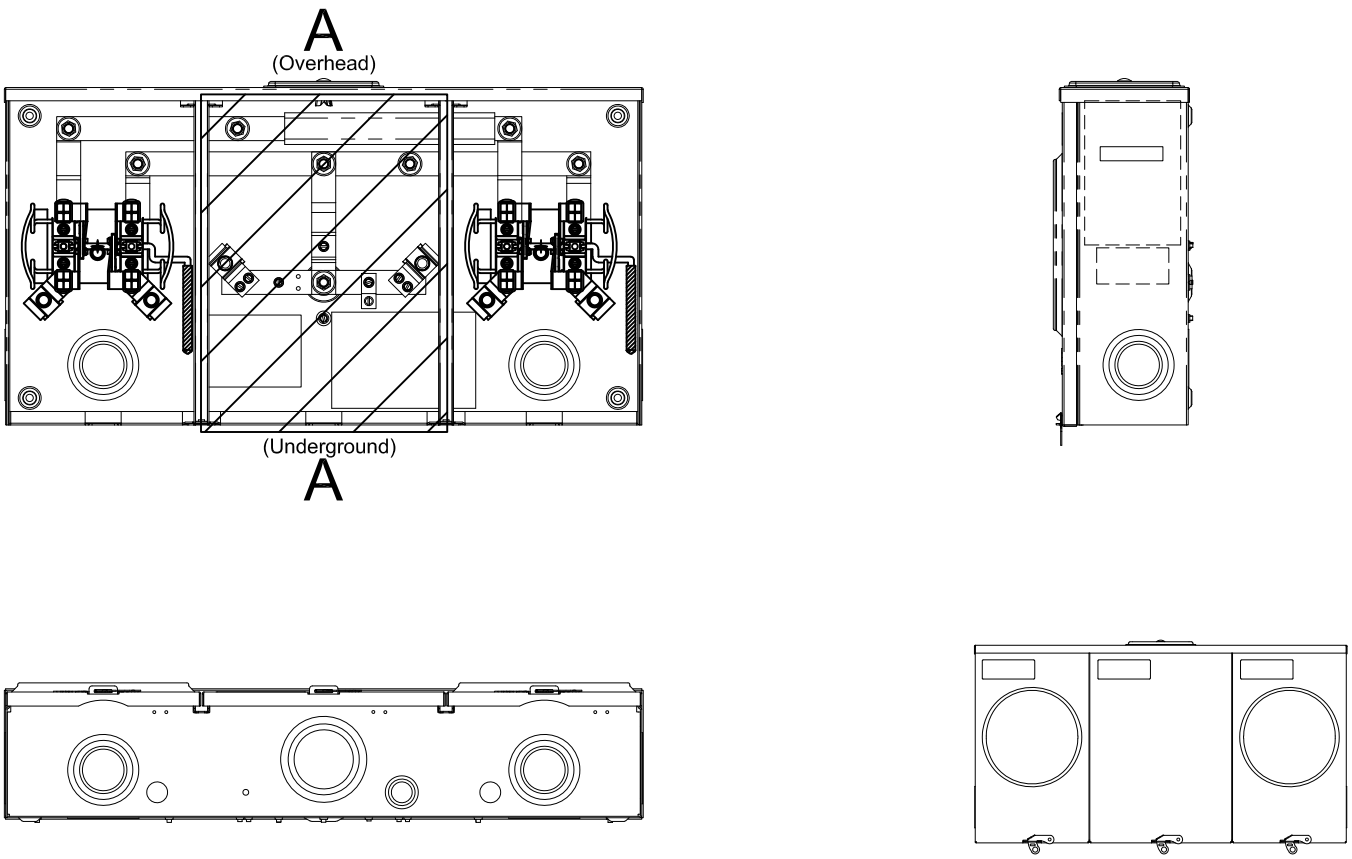
MS-2-2.5

Not to Scale

05/01/17 E

REVISION	Updated Approved Equipment

PNM
METER
STANDARD



NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) May be used on single-phase overhead and underground service.
(3) Connections for terminating service conductors shall be the lay-in type.
(4) Service conduit to enter at point "A"
(5) PNM will make line termination on underground service only.
(6) No load conduits or load conductors in shaded area from front to back.
(7) Line section shall be lockable and sealable.
(8) Customer building numbers must be permanently painted on proper meter panels.
(9) Meter shall be 4' - 5' 6" from finished grade.
(10) Commercial application require bypass handle.
(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) PNM requires 4 terminals, remove 5th terminal in field.

REFERENCES

(1) See DS-4-5.0 Underground Service Entrance System
(2) See DM-4-11.0 Maximum Available Fault Currents

Approved Equipment		
Manufacturer	Item	Mfg Part #
Eaton	200A OH/UG #-Gang Socket	UT*R2332UCH
Eaton	200A OH/UG #-Gang Socket	UT*R2392TTCH
Milbank	200A OH/UG 3-Gang Socket	U287*-XT-5T9
Siemens	200A OH/UG ___-Gang Socket	PowerMod (Commercial)

* There are various catalog #'s available for # of gang socket
For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

120/240V 125/200A Commercial Single-Phase
Multi-Meter Socket with Bypass

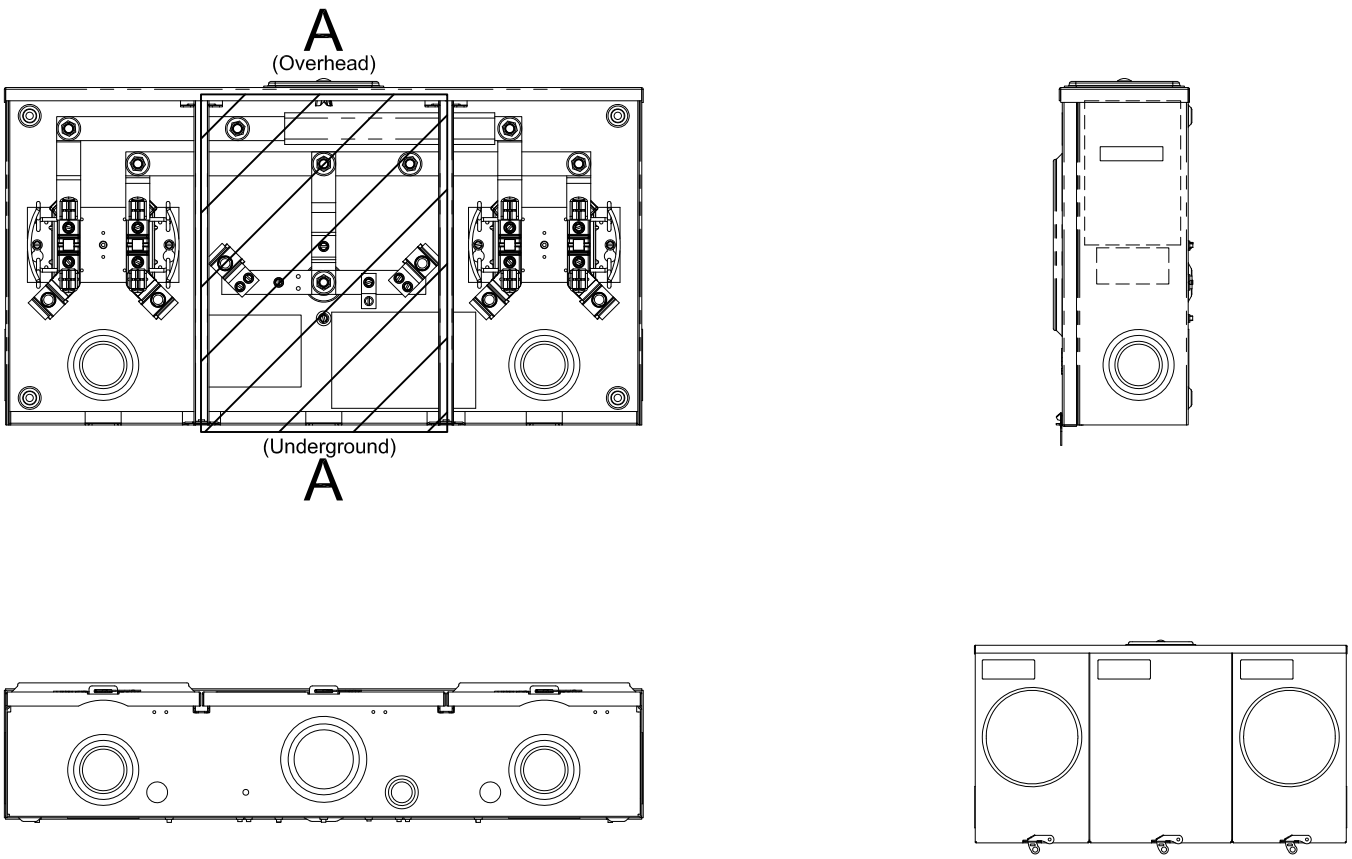
MS-2-3.0

Not to Scale

11/01/18 E

REVISION	Updated Approved Equipment

PNM
METER
STANDARD



NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) May be used on single-phase overhead and underground service.
(3) Connections for terminating service conductors shall be the lay-in type.
(4) Service conduit to enter at point "A"
(5) PNM will make line termination on underground service only.
(6) No load conduits or load conductors in shaded area from front to back.
(7) Line section shall be lockable and sealable.
(8) Customer building numbers must be permanently painted on proper meter panels.
(9) Meter shall be 4' - 5' 6" from finished grade.
(10) Commercial application require bypass handle.
(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.

REFERENCES

(1) See DS-4-5.0 Underground Service Entrance System
(2) See DM-4-11.0 Maximum Available Fault Currents

Approved Equipment		
Manufacturer	Item	Mfg Part #
Eaton	200A OH/UG #-Gang Socket	UT*R2332BCH
Eaton	200A OH/UG #-Gang Socket	UT*R2332UCH
Eaton	200A OH/UG #-Gang Socket	UT*R2392UCH
Eaton	200A OH/UG #-Gang Socket	UT*R2392TTCH
Milbank	200A OH/UG #-Gang Socket	U125*-X-K1
Milbank	200A OH/UG #-Gang Socket	U125*-X-K3
Milbank	200A OH/UG #-Gang Socket	U125*-X-K4
Siemens	200A OH/UG #-Gang Socket	UA*716-XG
Siemens	200A OH/UG ___-Gang Socket	PowerMod (Residential)

* There are various catalog #'s available for # of gang socket
For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

120/240V 125/200A Residential
Single-Phase Multi-Meter Socket

MS-2-4.0

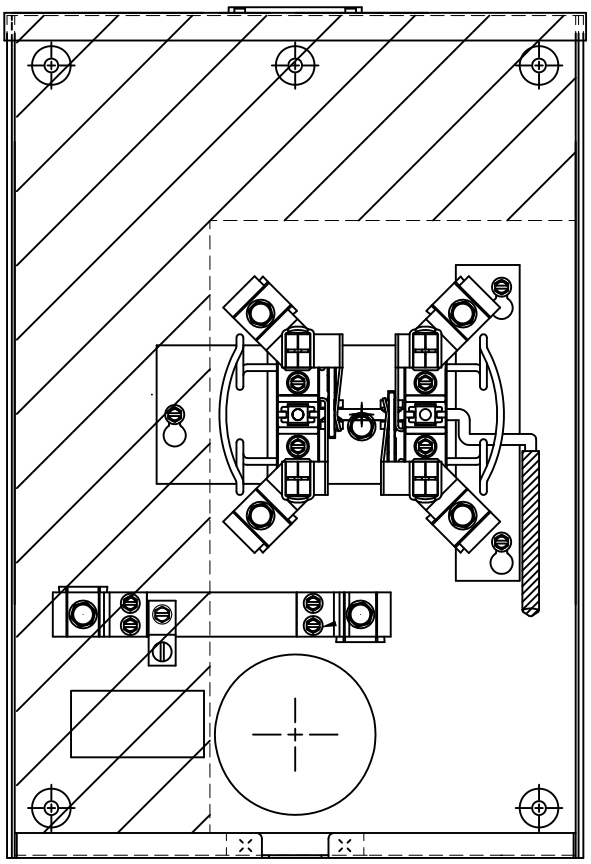
Not to Scale

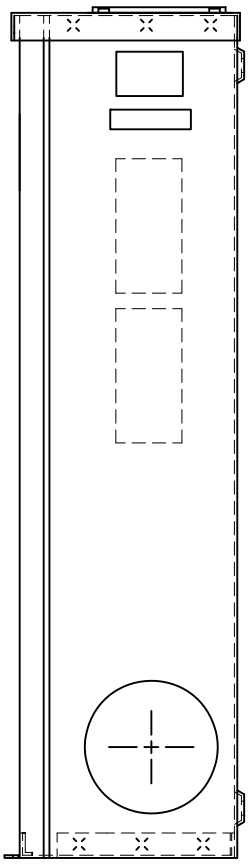
11/01/18 E

REVISION	Modified "Approved Equipment" list

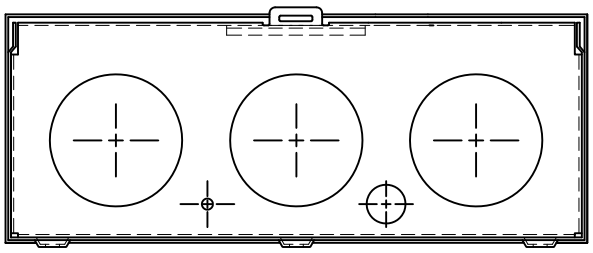
PNM
METER
STANDARD

A
(Overhead)





(Underground)
A



SOCKET IS REQUIRED FOR PERMANENT COMMERCIAL INSTALLATIONS

NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) Connections for terminating service conductors shall be the lay-in type.
(3) Service conduit to enter at points "A"
(4) No load conduits or load conductors in shaded area from front to back.
(5) May be used on single-phase overhead services up to and including 200A or 200A underground service.
(6) This socket is optional for residential use.
(7) Commercial application for non-critical loads, i.e. sprinkler controls and gates. PNM will allow socket without bypass handle.
(8) Meter shall be 4' - 5' 6" from finished grade.
(9) PNM does not permit a trough ahead of meter socket.
(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) Customer building numbers must be permanently painted on proper meter panels.

REFERENCES

(1) See DS-4-5.0 Underground Service Entrance System
(2) See DM-4-11.0 Maximum Available Fault Current

Approved Equipment		
Manufacturer	Item	Mfg Part #
Crouse-Hinds	200A OH Ringless Socket	RS172AX
Eaton	200A OH Ringless Socket	UTE5203BCH
Eaton	200A OH Ringless Socket	UTE4203BCH
Eaton	200A OH/UG Ringless Socket	UTE4213CCH
Milbank	200A OH/UG 4T Bypass Socket	U3852-XL
Siemens	200A OH/UG 4T Bypass Socket	40404-025

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

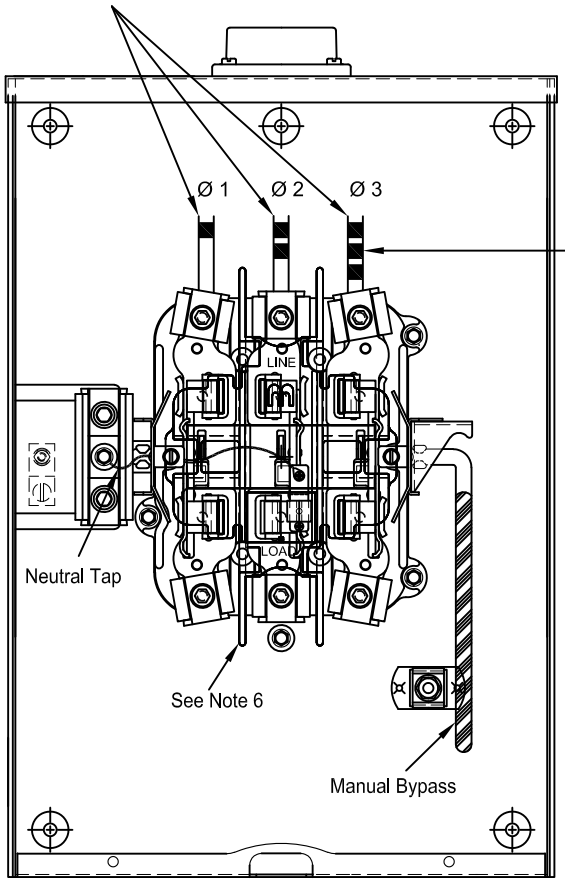
120/240V 200A Single-Phase Meter Socket with Bypass MS-2-5.0

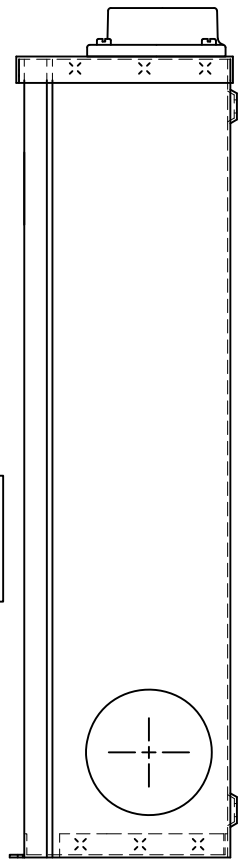
Not to Scale 05/01/17 E

REVISION	Highlighted Four-Wire Delta Systems

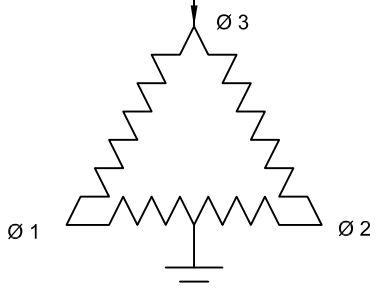
PNM
METER
STANDARD

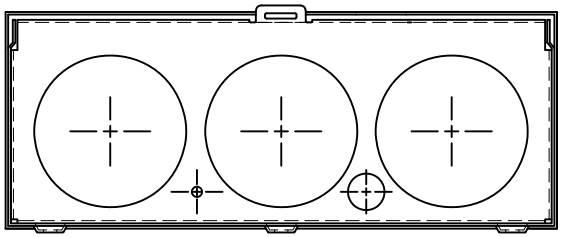
In the socket and at the weatherhead the colors green or white are not permitted to mark permanently phases one, two and three.





Phase three will be wild or high leg on FOUR-WIRE DELTA SYSTEMS and shall be permanently marked orange in color, in socket and at weatherhead.





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
Three bands for phase three
White tape is suitable for neutral conductors only.

NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) May be used on 120/208, Wye or 120/240 Delta services of 200A or less.
(3) Socket shall be 200A class only.
(4) Appropriate socket for overhead or underground shall be used.
(5) Equipped with lever arm bypass with jaw tension release.
(6) Transparent safety shield required.
(7) Socket shall be wired by contractor.
(8) Full sized neutral and three-phase conductors shall be installed into meter socket.
(9) Meter shall be 4' - 5' 6" from finished grade.
(10) Not to be used on 480V delta.
(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) Customer building numbers must be permanently painted on proper meter panels.

REFERENCES

(1) See NEC 110.15
(2) See DM-4-11.0 Maximum Available Fault Currents

Approved Equipment		
Manufacturer	Item	Mfg Part #
Durham	200A OH/UG Bypass Ringless Socket	UT-H7233U
Eaton	200A OH/UG Bypass Ringless Socket	UTE7203BCH
Eaton	200A OH/UG Bypass Ringless Socket	UTE7213BCH
Eaton	200A OH/UG Bypass Ringless Socket	UTE5213CCH
GE	200A UG Bypass Ringless Socket	TMPR312122R
Milbank	200A OH/UG Bypass Ringless Socket	U9701-RXL
Milbank	200A OH/UG Bypass Ringless Socket	U2594-X
Milbank	200A OH/UG 5T Bypass Ringless Soc	U9551-RXL
Siemens	200A OH/UG Bypass Ringless Socket	404052-023NU
Siemens	200A OH/UG Bypass Ringless Socket	404053-023NU
Siemens	200A OH/UG Bypass Ringless Socket	404054-023NU
Siemens	200A OH/UG Bypass Ringless Socket	404055-023NU
Siemens	200A OH/UG Bypass Ringless Socket	404056-023NU
Siemens	200A OH/UG 5T Bypass Socket	40405-025
Siemens	200A OH/UG Bypass Ringless Socket	40407-025

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

120/208 Wye or 120/240 Delta 200A Three-Phase Four-Wire Wye or Delta Meter Socket with Bypass

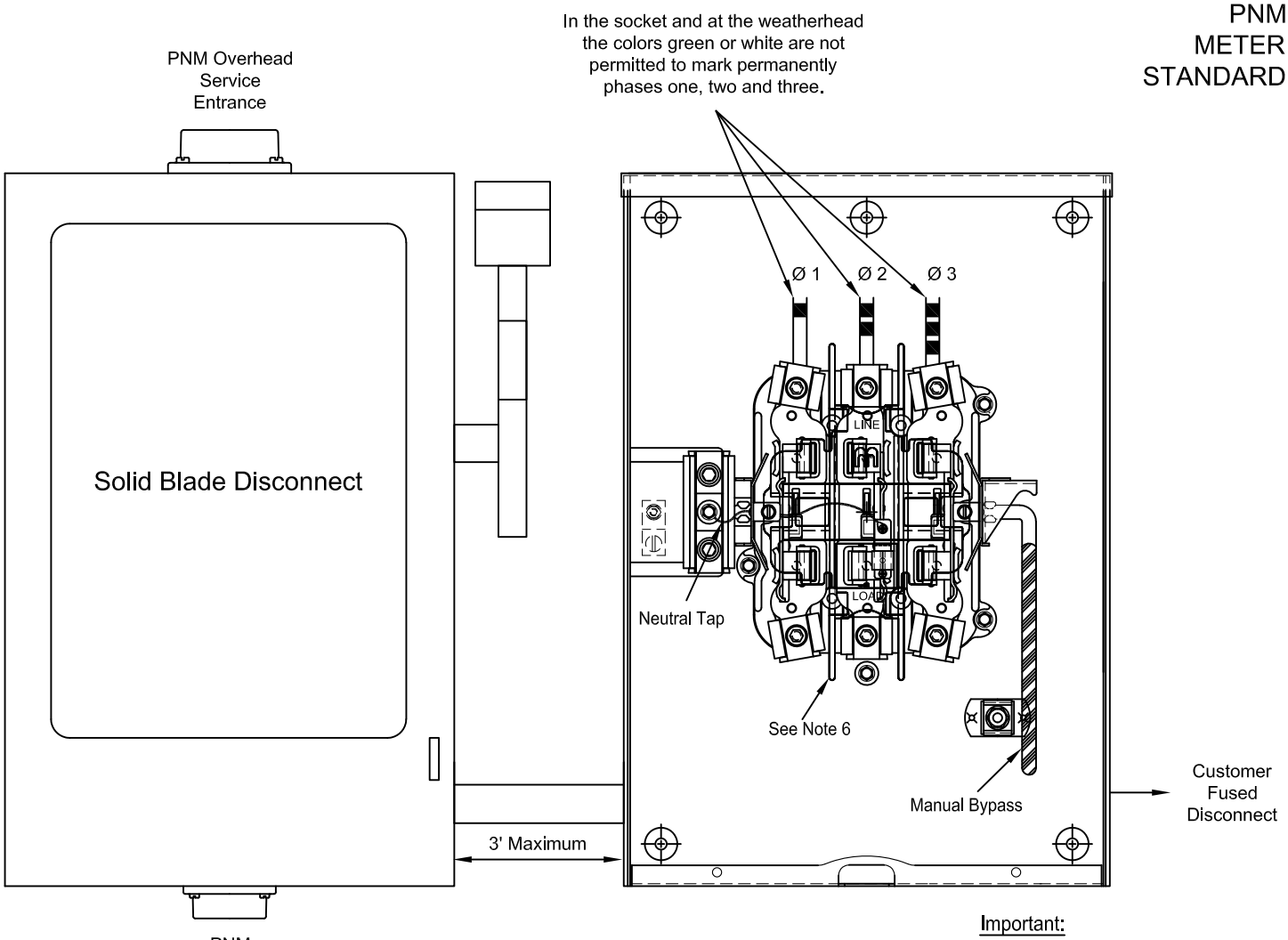
MS-2-6.0

Not to Scale

02/01/20 E

REVISION	Corrected Siemens part # to 3 pole switch

PNM
METER
STANDARD



NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) 277/480V Wye services of 200A or less.
(3) Socket shall be 200A class only.
(4) Appropriate socket for overhead or underground shall be used.
(5) Equipped with lever arm bypass with jaw tension release.
(6) Transparent safety shield required.
(7) Customer shall install bonding system in accordance with NEC.
(8) The load break switch is provided by the contractor.
(9) The contractor shall wire the socket and the connections within the switch.
(10) Full sized neutral and three-phase conductors shall be installed into meter socket.
(11) Meter shall be 4' - 5' 6" from finished grade.
(12) On a four-wire self contained service a lockable (for utility use) solid blade disconnect must be installed in front of meter base.
(13) Not required on temporary services.
(14) Metering and instrument cabinets shall not be used to house Customer-owned equipment, such as distribution panels of other equipment, nor used as a junction box/trough for the distribution of circuits.
(15) Customer building numbers must be permanently painted on proper meter panel.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents
(2) See PNM Rule 16 paragraph C.1, solid blade disconnect is allowed and required.
(3) See MS-2-6.0 120/208 Wye or 120/240 Delta 200A Three-Phase Four-Wire Wye or Delta Meter Socket with Bypass
(4) See MS-5-3.0 Permanent Single-Phase or Three-Phase Pedestal Meter
(5) See MS-5-4.0 Three-Phase or Single-Phase Overhead or Underground Field Built

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
Three bands for phase three
White tape is suitable for neutral conductors only.

Approved Equipment		
Manufacturer	Item	Mfg Part #
Durham	200A OH/UG Bypass Ringless Socket	UT-H7233U
Eaton	200A OH/UG Bypass Ringless Socket	UTE7203BCH
Eaton	200A OH/UG Bypass Ringless Socket	UTE7213BCH
Eaton	200A OH/UG Bypass Ringless Socket	UTE5213CCH
GE	200A UG Bypass Ringless Socket	TMPR312122R
Milbank	200A OH/UG Bypass Ringless Socket	U9701-RXL
Milbank	200A OH/UG Bypass Ringless Socket	U2594-X
Milbank	200A OH/UG 5T Bypass Ringless Soc	U9551-RXL
Siemens	200A OH/UG Bypass Ringless Socket	404052-023NU
Siemens	200A OH/UG Bypass Ringless Socket	404053-023NU
Siemens	200A OH/UG Bypass Ringless Socket	404054-023NU
Siemens	200A OH/UG Bypass Ringless Socket	404055-023NU
Siemens	200A OH/UG Bypass Ringless Socket	404056-023NU
Siemens	200A OH/UG 5T Bypass Socket	40405-025
Siemens	200A OH/UG Bypass Ringless Socket	40407-025

Manufacturer	Load Break Switch	Mfg Part #
Eaton	200A 600V NEMA3R Disconnect Switch	DH364URK
Murry	200A 600V NEMA3R Disconnect Switch	HUN364AW
Siemens	200A 600V NEMA3R Disconnect Switch	HNF364R
Square D	200A 600V NEMA3R Disconnect Switch	HU364RB

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

200A Three-Phase Four-Wire Wye
277/480V Wye Meter Socket with Bypass

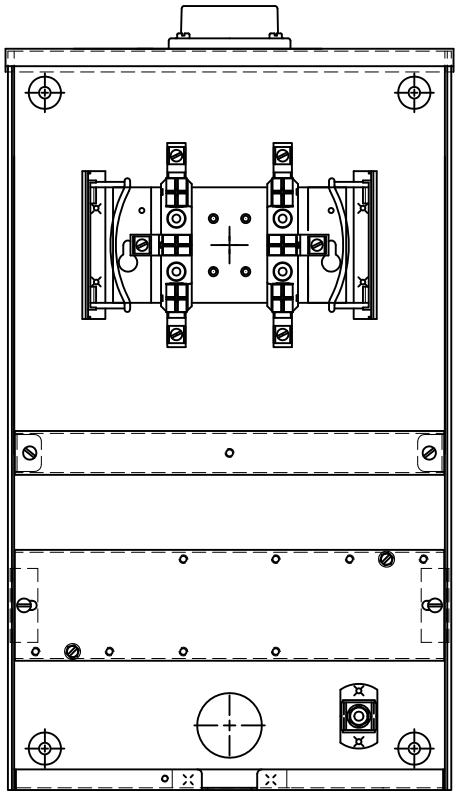
MS-2-6.3

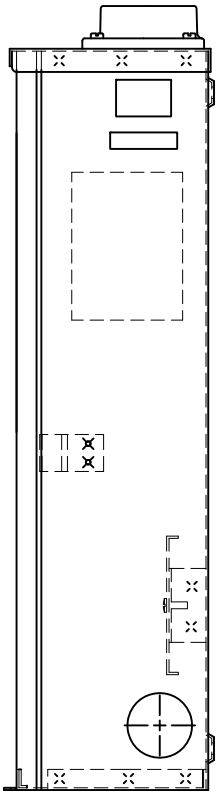
Not to Scale

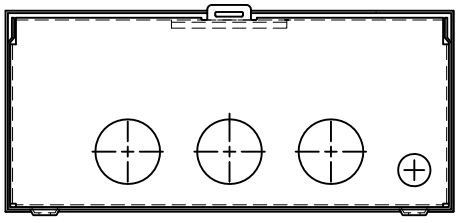
12/01/19 E

REVISION	Modified Note 6

PNM
METER
STANDARD







NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) Socket shall be 20A class only.
(3) Socket shall have two separate covers for meter and test switch compartments.
(4) Latching bottom compartment shall lock both covers.
(5) This applies to 100 and 167 kVA single-phase transformers only.
(6) Meter shall be 4' - 5' 6" from finished grade.
(7) 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.
(8) Customer building numbers must be permanently painted on proper meter panel.

REFERENCES

(1) See MS-3-9.5 Single-Phase Bushing CT Meter Installation
(2) See DM-4-11.0 Maximum Available Fault Currents

Approved Equipment		
Manufacturer	Item	Mfg Part #
Brooks Utility Products	20A 6T Ringless Socket	601U3060C6
Eaton	20A 6T Ringless Socket	USTS62BCH
Milbank	20A 6T Ringless Socket	UC3426-XL
Siemens	20A 6T Ringless Socket	9837-8243

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

Single-Phase Six-Terminal CT Meter Socket

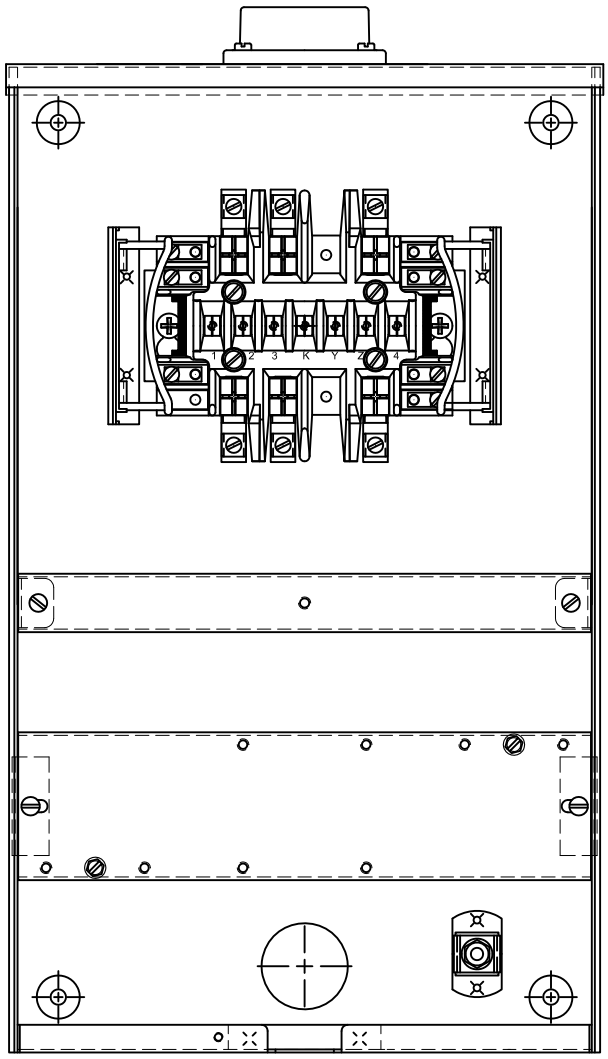
MS-2-6.5

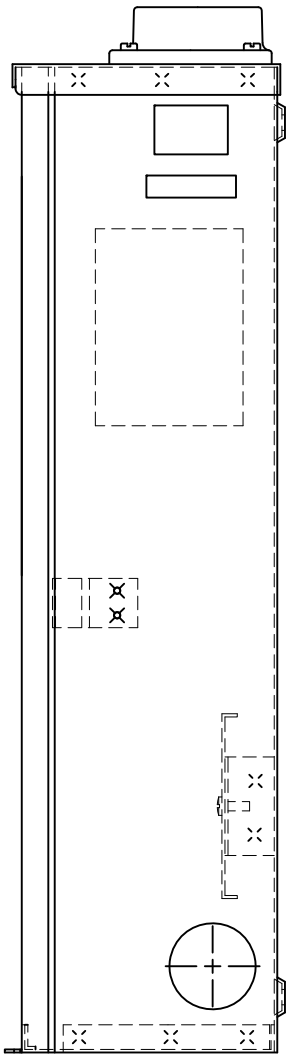
Not to Scale

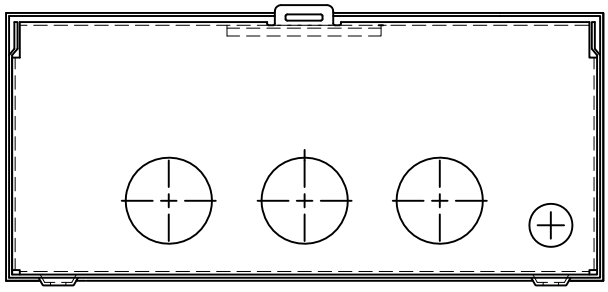
05/01/17 E

REVISION	Modified Note 3

PNM
METER
STANDARD







NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) Socket shall be 20A class only.
(3) Meter shall be 4' - 5' 6" from finished grade.
(4) Socket shall have two separate covers for meter and test switch compartments.
(5) Latching bottom compartment shall lock both covers.
(6) 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.
(7) Customer building numbers must be permanently painted on proper meter panels.

Approved Equipment		
Manufacturer	Item	Mfg Part #
Brooks Utility Products	20A 13T Ringless Socket	601U3060C13
Cutler Hammer	20A 13T Ringless Socket	98378513CH
Eaton	20A 13T Ringless Socket	USTS132CCH
Eaton	20A 13T Ringless Socket	98378513
Milbank	20A 13T Ringless Socket	UC3423-XL
Siemens	20A 13T Ringless Socket	9837-8543

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

Three-Phase Thirteen-Terminal CT Meter Socket

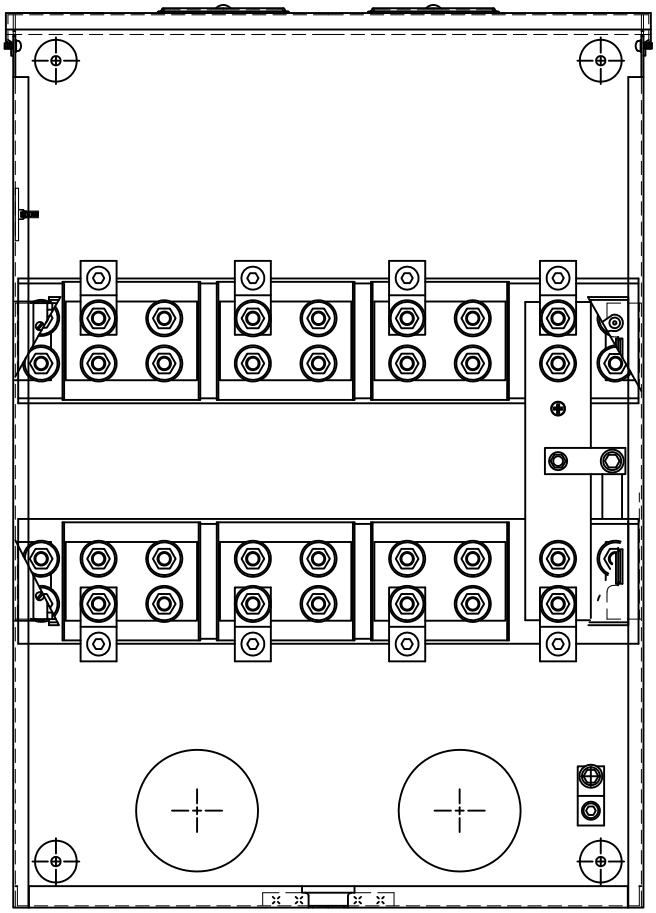
MS-2-7.0

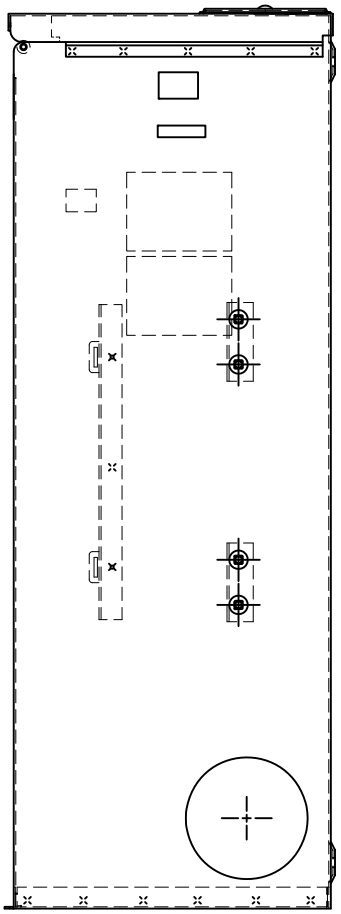
Not to Scale

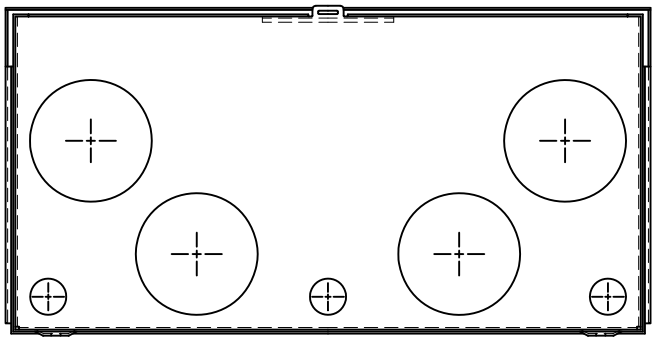
05/01/17 E

REVISION	Modified Note 2, added 1 phase to Approved Equipment

PNM
METER
STANDARD







NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) Meter shall be 4' - 5' 6" from finished grade.
(3) 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.
(4) Customer building numbers must be permanently painted on proper meter panels.

Approved Equipment		
Manufacturer	Item	Mtg Part #
Milbank Milbank	3 Phase 13 T Ringless Trans Socket 1 Phase 6 T Ringless Trans Socket	U2161-XT U2228-XT

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

Ringless Trans Socket

MS-2-8.0

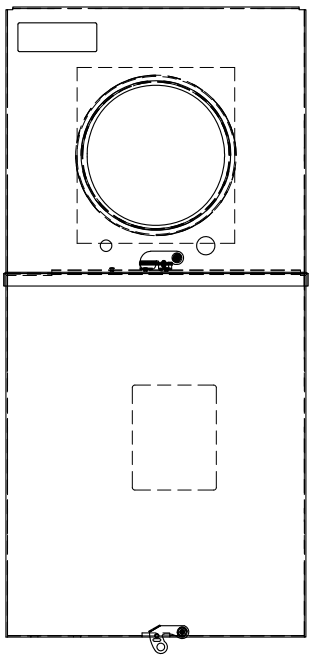
Not to Scale

05/01/17 E

REVISION	Added 2 new Square D items, modified Allowable Uses by adding Temporary to Underground Service, added third bullet item

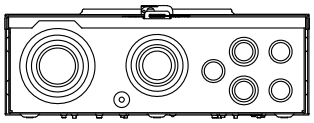
PNM
METER
STANDARD

A
(Overhead)



(Underground)

A



Allowable Uses

- Permanent 240V Overhead and Customer Owned Underground.
- Temporary Overhead and Temporary Underground Service.
- Permanent 240V Underground PNM Service <100' Maximum or Less than (4/0 Underground Cable, NOT Approved for 350 Underground Cable)

NOTES

(1) Socket to be Underwriters Laboratory (UL) listed.
(2) Connections for terminating service conductors shall be the lay-in type.
(3) Service conduit to enter at point "A"
(4) Permanent 240V overhead, customer owned underground, permanent 240V underground PNM Service <100' Maximum or less than (4/0 underground cable), or overhead and underground temporary service only.
(5) Meter shall be 4' - 5' 6" from finished grade.
(6) Commercial application for non-critical loads, i.e. sprinkler control and gates. PNM will allow socket without bypass handle.
(7) PNM does not permit a trough ahead of meter socket.
(8) 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.
(9) Customer building numbers must be permanently painted on proper meter panels.

REFERENCES

(1) See DS-4-6.0 120/240V Underground Temporary Service Pole
(2) See DS-4-8.0 Overhead Permanent/Temporary Single-Phase or Temporary Three-Phase Service Pole
(3) See DS-4-9.0 Underground Residential Customer-Owned Service
(4) See DM-4-11.0 Maximum Available Fault Current
(5) See MS-3-7.0 Over 320A 240V Single-Phase Meter Options

Approved Equipment		
Manufacturer	Item	Mfg Part #
Eaton	200A OH/UG Ringless w/Gasket	MB(***)w/ Gasket
Eaton **	200A OH/UG Ringless	MB2040PV200BTS
Milbank	200A OH/UG Ringless 4T Socket	U5168-XTL-200
Milbank	200A OH/UG Ringless 20T Socket	U5268-XTL-200
Siemens	200A OH/UG Ringless 16T Socket	MC0816B1200RCT
Siemens	200A OH/UG Ringless 16T Socket	MC2040B1200R
Square D	200A OH/UG Ringless 20T Socket	RC2040M200S
Square D	200A OH/UG Ringless 20T Socket	RC2040M200SS
Square D	200A OH/UG Ringless 8T Socket	RC816F200SS
Square D	200A OH/UG Ringless 8T Socket	QC2442M200S

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

** 225A buss makes solar tie ready, eliminating the need for supply side connection.

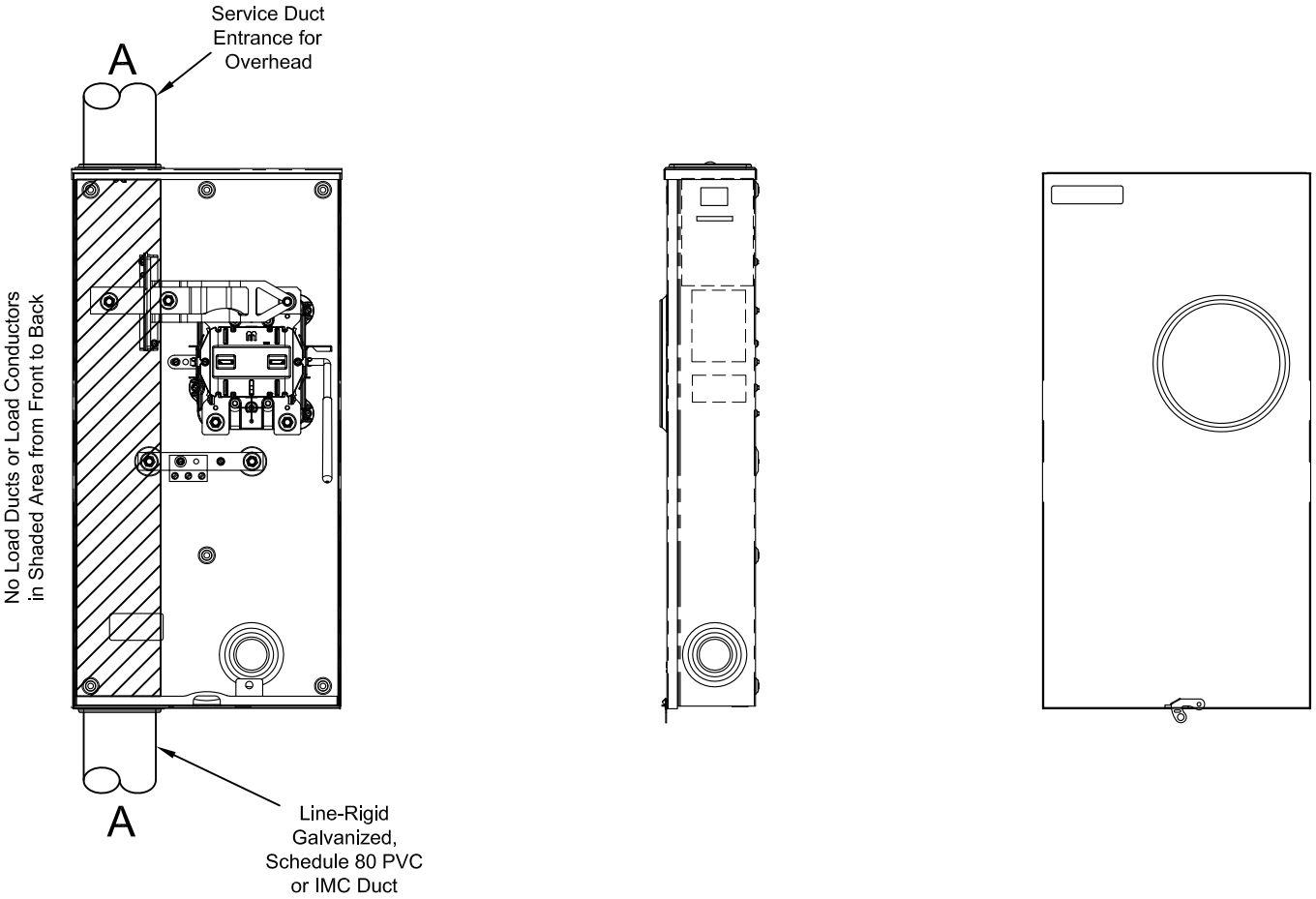
*** There a various catalog # available when gasket is included.

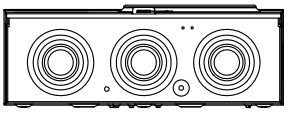
240V 200A Single-Phase Combo Meter Socket MS-2-9.0

Not to Scale 05/01/19 E

REVISION	Modified Note 3

PNM
METER
STANDARD





NOTES

(1) Check with PNM for sizing of duct on underground services.
(2) Enclosure shall be securely mounted to building.
(3) **May be used on single-phase overhead service in excess of 200A but not to exceed 300A residential or 300A commercial. The total capacity of the disconnects cannot exceed 300A. 400A fuse disconnects not allowed. No buss fusing exceeding 300A or higher.**
(4) Service duct to enter at points "A".
(5) Connections for terminating service conductors shall be the lay-in type.
(6) Meter shall be 4' - 5' 6" from final grade.
(7) PNM will make line termination on underground services only.
(8) Equipped with lever arm bypass with jaw tension release.
(9) 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.
(10) Customer building numbers must be permanently painted on proper meter panel.

Approved Equipment		
Manufacturer	Item	Mfg Part #
Eaton	320A OH/UG Meter Base	UTH43369TCH
Milbank	320A UG Meter Base	U1797-O-K3L-K2L
Milbank	320A OH/UG Meter Base	U2448-X

For ease of checking service without interruption,
PNM will no longer allow ring meter sockets as of 12/01/2013.

320A Meter Socket with Bypass

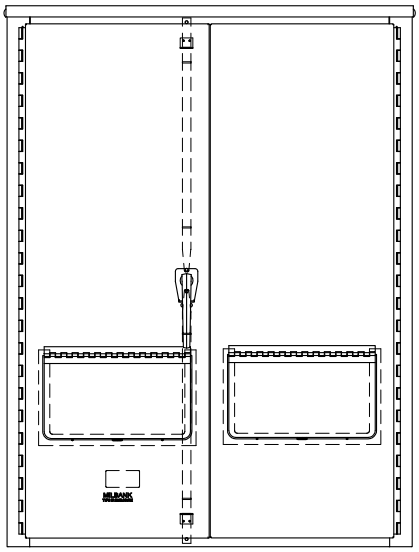
MS-2-10.0

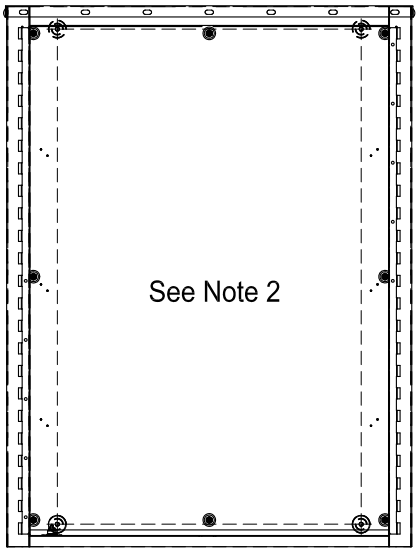
Not to Scale

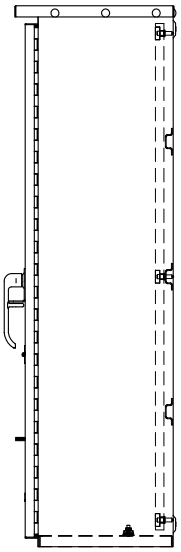
05/01/17 E

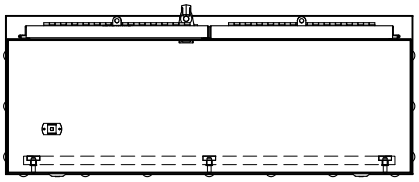
REVISION	Update drawing

PNM
METER
STANDARD









NOTES

(1) Fourteen gauge galvanized steel, painted.
(2) Contractor must furnish full 3/4" plywood back.
(3) Opening in both doors, no glass, fitted with hinged flap covers, and lockable latch.
(4) Door shall have latch and lockable handle.

Approved Equipment		
Manufacturer	Item	Mfg Part #
Circle AW	Enclosure	422
Eastern-Owens	Enclosure	EOT-24
Sunwest	Enclosure	SW-1982 W2
Milbank	Enclosure	364812-CT3R-SP2

Double-Window Three-Phase Instrument
Transformer and Meter Enclosure

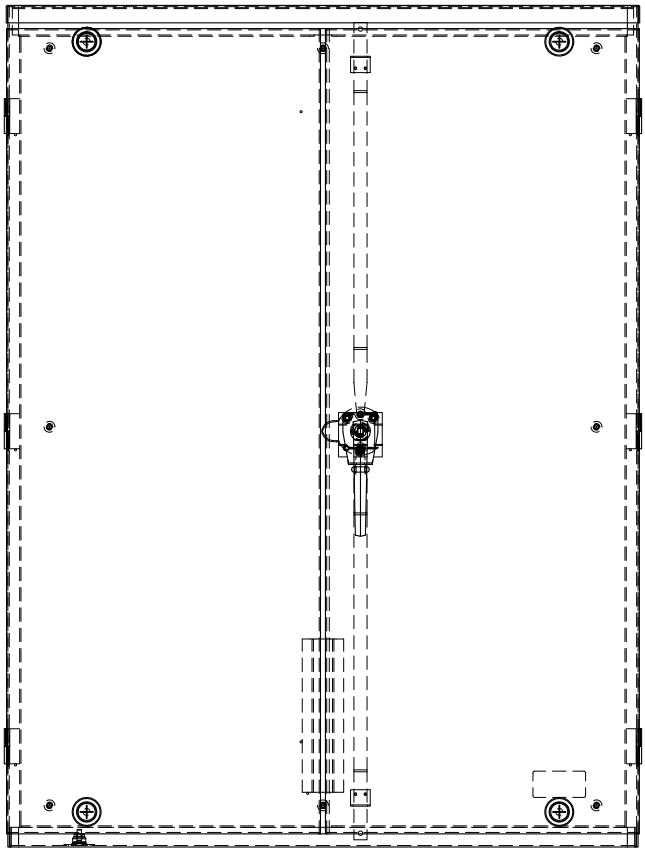
MS-3-2.0

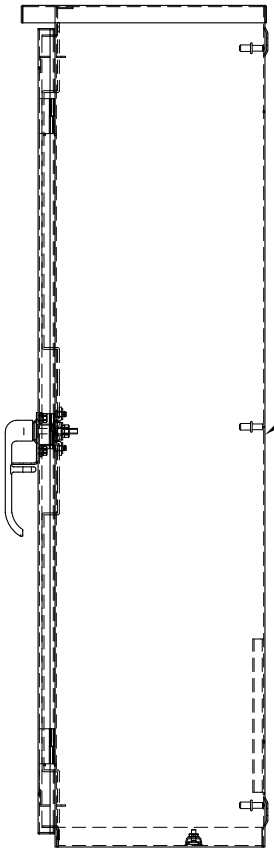
Not to Scale

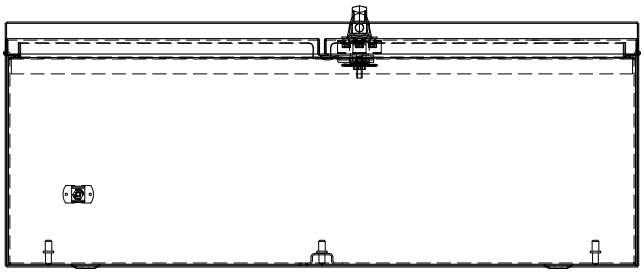
08/01/13 E

REVISION	Placed back in standards

PNM
METER
STANDARD







NOTES

(1) 14 gauge galvanized steel, painted.
(2) Door shall have latch and lockable handle.
(3) Contractor must furnish full 3/4" plywood back.

Approved Equipment		
Manufacturer	Item	Mfg Part #
Circle AW	Enclosure	420
Eastern-Owens	Enclosure	EOT-82
Sunwest	Enclosure	SW-1982 W0
Milbank	Enclosure	364812-CT3R-WB

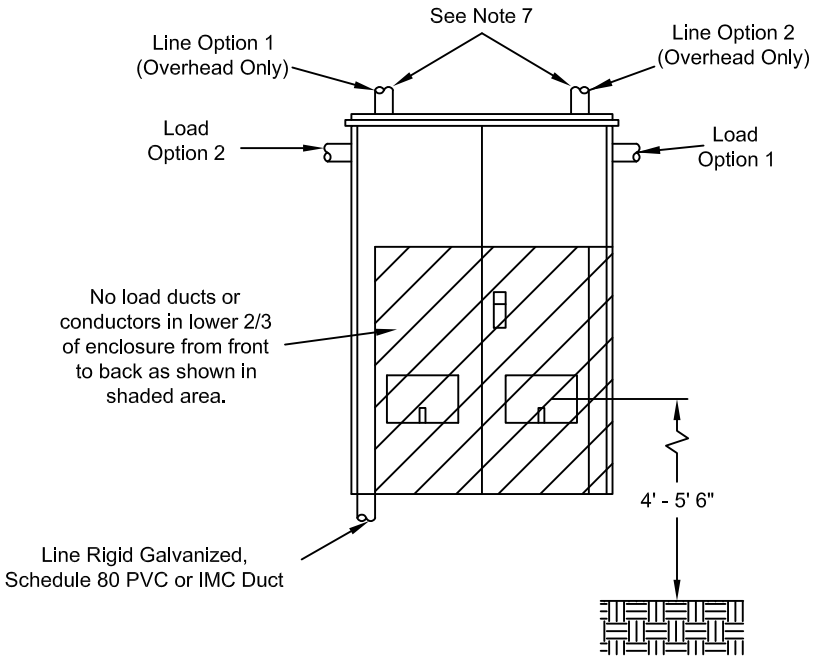
Recording Meter Instrument Transformer Enclosure MS-3-3.0

Not to Scale 05/01/17 E

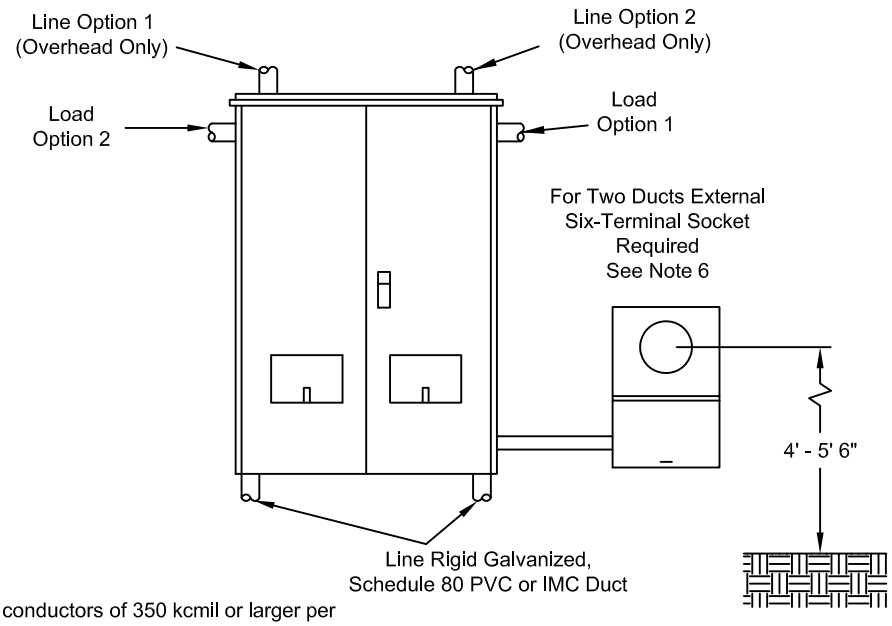
REVISION	Added Note 8

PNM
METER
STANDARD

A



B



NOTES

(1) Enclosure must be used when parallel conductors of 350 kcmil or larger per phase are installed. (600A main disconnect or larger)
(2) Must have 3/4" plywood backing inside enclosure installed by contractor.
(3) Use only one of two load options.
(4) Enclosure shall be securely mounted to building.
(5) Line and load options shall be on different quarter section.
(6) If the number of runs or duct size meets that allowed by Table A, use MS-2-6.5.
(7) When using load out top of CT can, a J-Box or LB must be used within 2' of existing can. The same will be for single-phase ITT when coming in underground and exiting out top side with load conductors.
(8) 1-2-3 to be identified in RED, Neutral in WHITE. For Delta services the third (wild) leg in ORANGE.
Leave wire rolled up in CT can and ensure the wire is long enough to reach Main Disconnect Panel (MDP)

REFERENCES

(1) See MS-2-6.5 Single-Phase Six-Terminal CT Meter Socket
(2) See MS-3-2.0 Double-Window Three-Phase Instrument Transformer and Meter Enclosure

Table A

Allowed Number of Ducts	Maximum Conductors Size
2	750 kcmil Overhead ONLY
3	500 kcmil
4	Not Allowed
Maximum Three Conductors Per Duct	

Over 320A 240V Single-Phase Meter

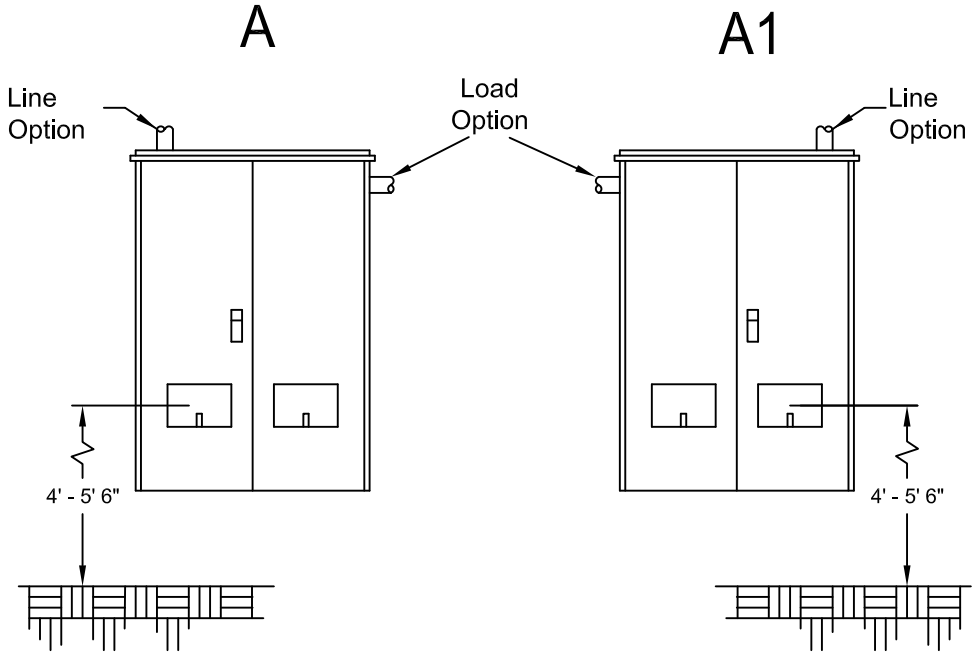
MS-3-7.0

Not to Scale

02/01/20 E

REVISION	Added Note 8

PNM
METER
STANDARD



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
Three bands for phase three
White tape is suitable for neutral conductors only.

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. MS-3-8.0 drawings B must be used.
(6) Maximum of two runs of 500 kcmil cable in a maximum of two ducts.
(7) Line and load options shall be on different quarter section.
(8) 1-2-3 to be identified in RED, Neutral in WHITE. For Delta services the third (wild) leg in ORANGE.
Leave wire rolled up in CT can and ensure the wire is long enough to reach Main Disconnect Panel (MDP)

Table A

Allowed Number of Ducts	Maximum Conductors Size
1	750 kcmil Overhead ONLY
2	500 kcmil
3	Not Allowed
Maximum 4 Conductors Per Duct	

Over 200A Three-Phase Overhead Meter

MS-3-7.5

Not to Scale

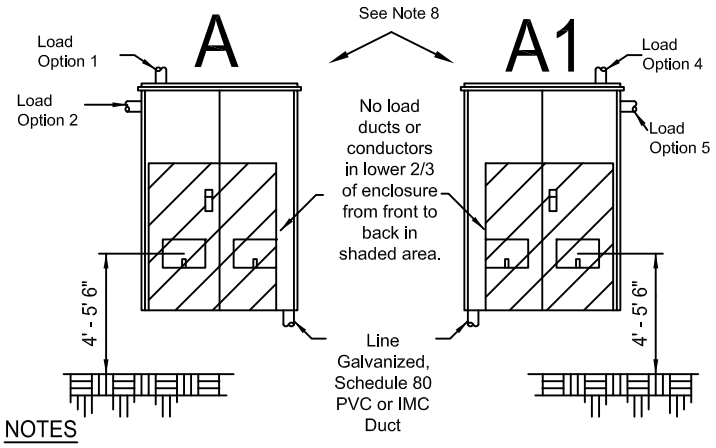
02/01/20 E

REVISION	Modified A/B, Added Note 9

PNM
METER
STANDARD

A

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) When using load out top of CT can, a J-Box or LB must be used within 2 ' of existing can. The same will be for single-phase ITT when coming in underground and exiting out top side with load conductors.
(9) 1-2-3 to be identified in RED, Neutral in WHITE. For Delta services the third (wild) leg in ORANGE.
Leave wire rolled up in CT can and ensure the wire is long enough to reach Main Disconnect Panel (MDP)

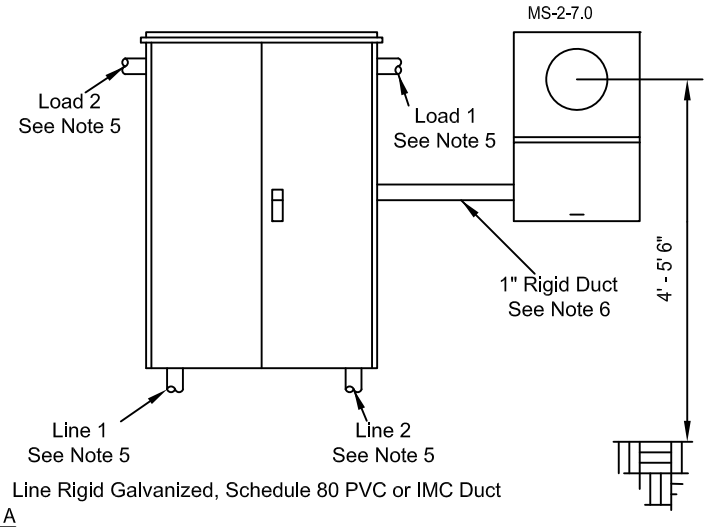
Important:

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
Three bands for phase three
White tape is suitable for neutral conductors only

B

Underground Service



Line Rigid Galvanized, Schedule 80 PVC or IMC Duct

Table A

Allowed # of Ducts	Maximum Conductors Size
2	750 kcmil
3	500 kcmil
4	Not Allowed
Maximum Four Conductors Per Duct	

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) Line and load options shall be on opposite quarter section.
(4) If the number of runs or duct size meets that allowed by table A, use MS-3-3.0 or MS-3-11.0 enclosure.
(5) Use only one of the four load options.
(6) Contractor shall install a 1" rigid duct between transformer enclosure and meter enclosure. This duct shall not exceed 30'. It shall be an unbroken run of conduit/wire containing no condulets.
(7) All enclosures (drawings A and B) shall be securely mounted to building
(8) Line and load options shall be on opposite quarter section.
(9) 1-2-3 to be identified in RED, Neutral in WHITE. For Delta services the third (wild) leg in ORANGE.
Leave wire rolled up in CT can and ensure the wire is long enough to reach Main Disconnect Panel (MDP)

Over 200A Three-Phase Underground Meter

MS-3-8.0

Not to Scale

02/01/20 E

REVISION	Modified height to 4' - 5' 6"

PNM
METER
STANDARD

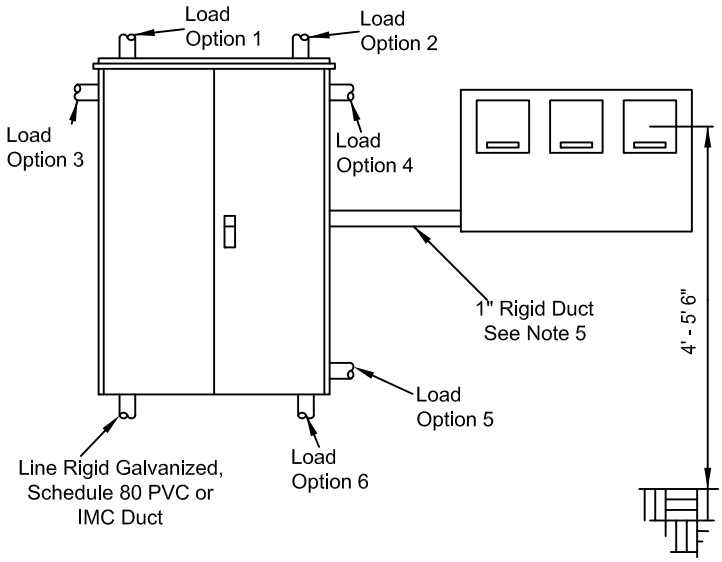


Table A

Allowed # of Ducts	Maximum Conductors Size
2	750 kcmil
3	500 kcmil
4	Not Allowed
Maximum Four Conductors Per Duct	

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 four load options.
(6) Contractor shall install a 1" rigid duct between transformer enclosure and meter enclosure. This duct shall not exceed 30'. It shall be an unbroken run of conduit/wire containing no condulets.
(7) All enclosures shall be securely mounted to building
(8) Line and load options shall be on different quarter section.

Maintenance Only

Over 200A Three-Phase Underground Meter
(Maintenance or Special Metering ONLY)

MS-3-8.5

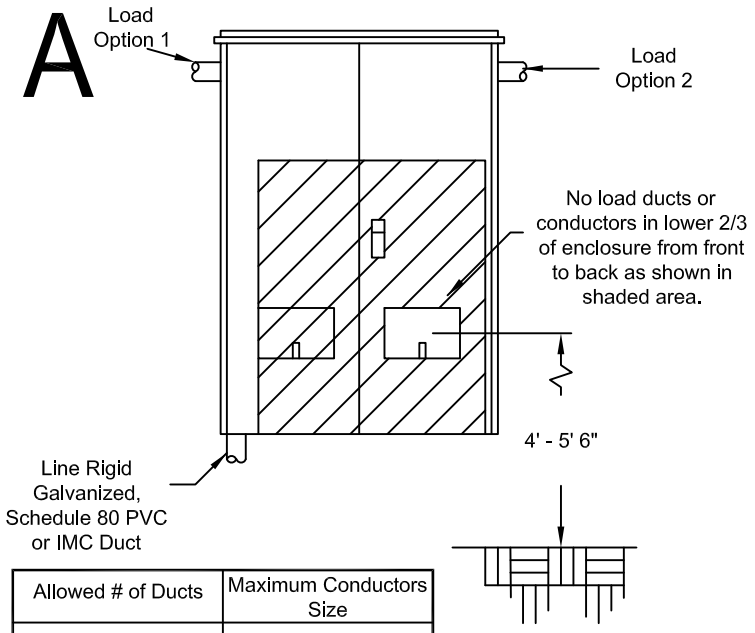
Not to Scale

05/01/17 E

REVISION	Modified B, added Note 9

PNM METER STANDARD

A

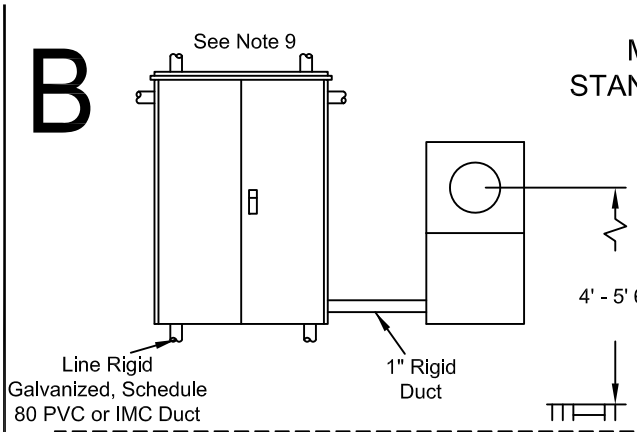


Allowed # of Ducts	Maximum Conductors Size
2	750 kcmil
3	500 kcmil
4	Not Allowed
Maximum Four Conductors Per Duct	

NOTES

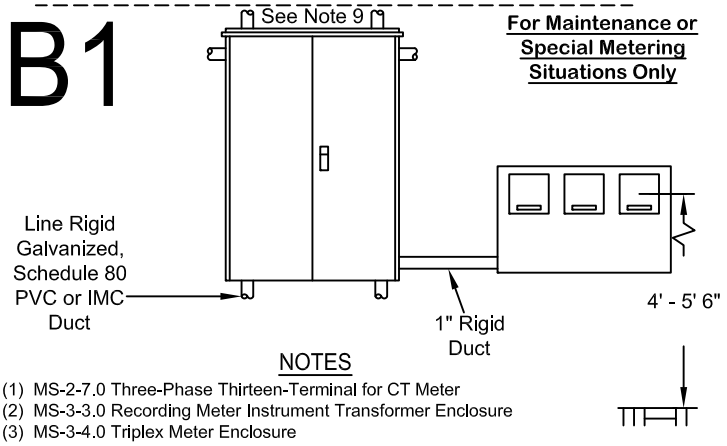
(1) MS-3-2.0 Double-Window Three-Phase Instrument Transformer and Meter Enclosure
(2) Must be used when main switch is 200A or less.
(3) Use one only of four load options.
(4) Must have 3/4" plywood backing inside enclosure.
(5) Coordinate duct size with PNM (line ducts).
(6) Line and load options shall be on different quarter section.

B



B1

For Maintenance or Special Metering Situations Only



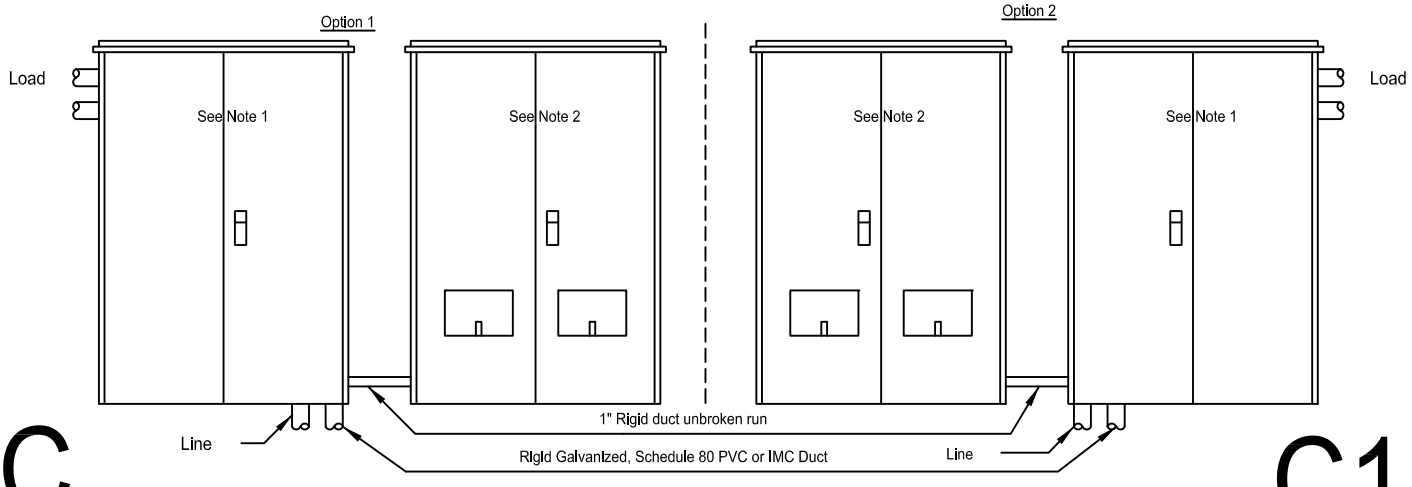
NOTES

(1) MS-2-7.0 Three-Phase Thirteen-Terminal for CT Meter
(2) MS-3-3.0 Recording Meter Instrument Transformer Enclosure
(3) MS-3-4.0 Triplex Meter Enclosure
(4) Conductor size may not exceed a single run of 750 MCM.
(5) Load and load options shall be on different quarter section.
(6) Must have 3/4" plywood backing inside enclosure.
(7) Coordinate duct size with PNM (line ducts).
(8) Must be used when main switch is larger than 100A.
(9) When using load out top of CT can, a J-Box or LB must be used within 2' of existing can. The same will be for single-phase ITT when coming in underground and exiting out top side with load conductors.

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.

C



C1

NOTES

(1) MS-3-3.0 Recording Meter Instrument Transformer Enclosure
(2) MS-3-4.0 Triplex Meter Enclosure
(3) Both enclosures must be used when parallel conductors exceeds 350MCM and shall not exceed 750MCM parallel conductors per phase.
(4) Only option C or option C1 can be used due to space. Ducts must enter and leave per drawing above.
(5) 1" rigid duct installed by contractor, shall not exceed 30' and shall be continuous run of duct/wire containing no condulets.
(6) Must have 3/4" plywood backing inside enclosure.
(7) All enclosures (drawings A, B and C) shall be securely mounted to building.
(8) Coordinate duct size with PNM (line ducts).

277/480V Instrument Transformer and Meter Enclosure for Meter Network

MS-3-9.0

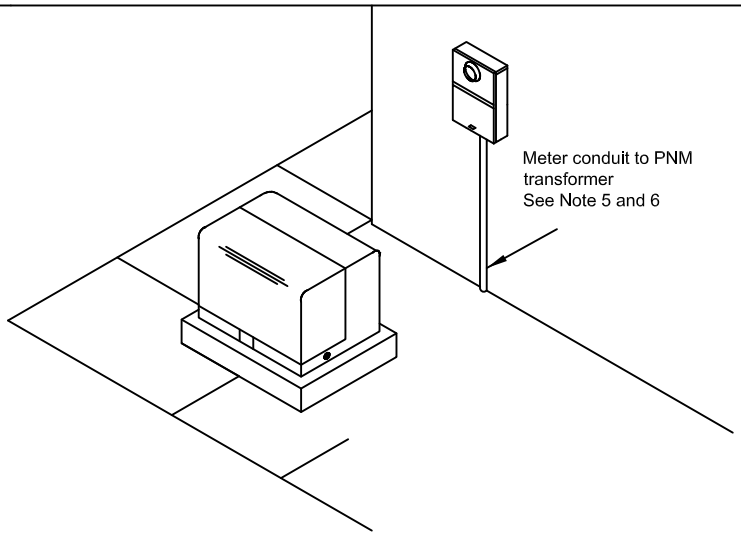
Not to Scale

08/01/18 E

REVISION	Maintenance Only

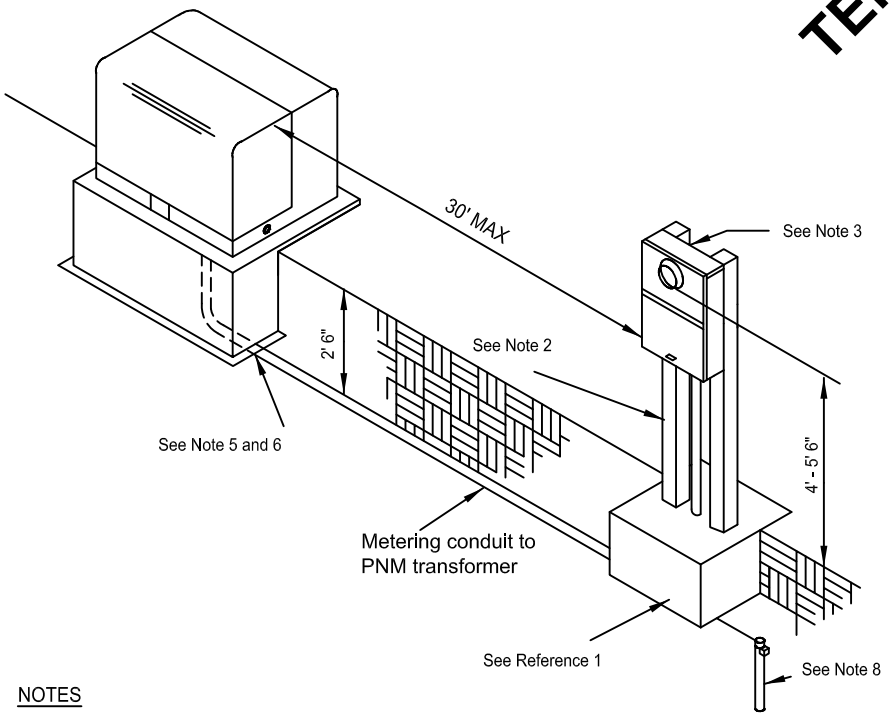
PNM
METER
STANDARD

A



NO
TEMPORARY
SERVICE

B



NOTES

(1) For use on dedicated transformer installations only. This applies to 100 and 167 kVA single-phase transformers only.
(2) Acceptable support members are as follows:
3" x 3" 1/2" angle
3" x 4.1 lbs/ft channel
2" x 2" 3/16" box steel
2 1/2" standard pipe
P1001 unistrut
(3) Equipment shall be securely attached to support members either bolted directly or mounted to metal channel or unistrut cross members.
(4) Contact PNM new customer service representative to assure proper location.
(5) The conduit must be 1" rigid galvanized.
(6) Conduit must be buried a minimum 24" and stubbed into transformer secondary compartment. Arrangement with PNM is necessary to open transformer.
(7) Caution: 2' 6" depth should not be exceeded because of power and telephone cables below.
(8) Minimum #6 cu ground wire. Connector and rod per NEC article 250. A separate copper grounding electrode conductor sized in accordance with NEC table 250-94 must be provided for connection to PNM's transformer.

REFERENCES

(1) See MS-2-6.5 Single-Phase Six-Terminal Socket for CT Meter
(2) See MS-5-3.0 Single-Phase or Three-Phase Pedestal Meter

Maintenance
Only

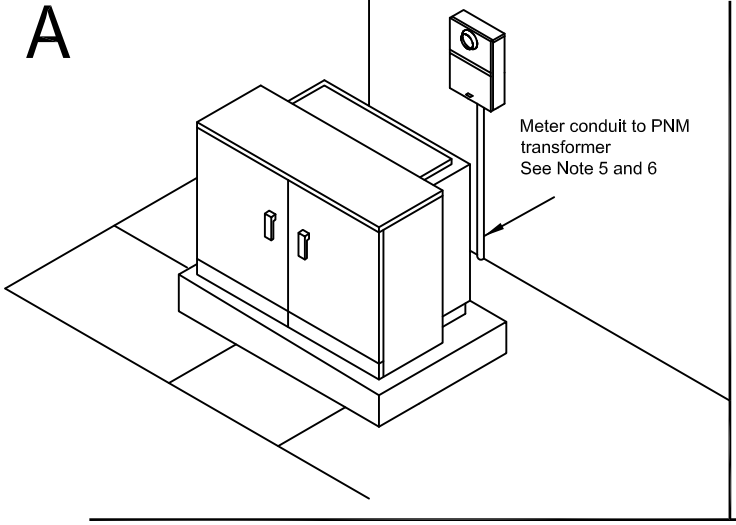
Single-Phase Bushing CT Meter Installation MS-3-9.5

Not to Scale 05/01/18 E

REVISION	Note 10 added

PNM
METER
STANDARD

A



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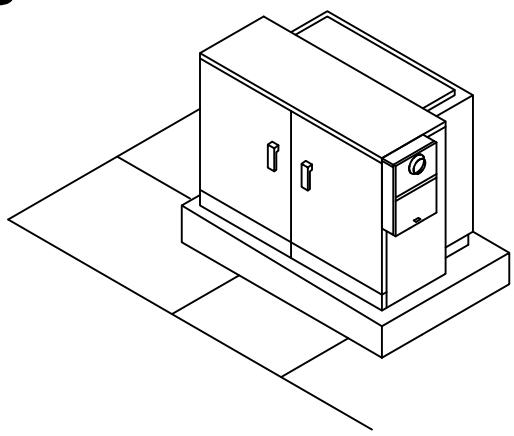
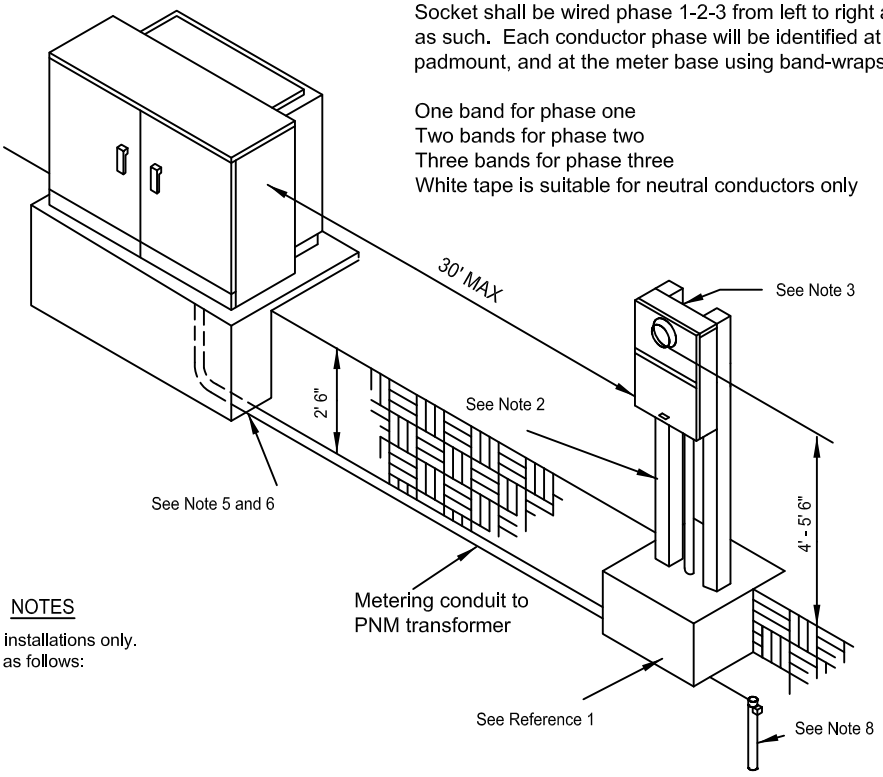


C



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
Three bands for phase three
White tape is suitable for neutral conductors only

NOTES

(1) For use on dedicated transformer installations only.
(2) Acceptable support members are as follows:
3" x 3" 1/2" angle
3" x 4.1 lbs/ft channel
2" x 2" 3/16" box steel
2 1/2" standard pipe
P1001 unistrut
(3) Equipment shall be securely attached to support members either bolted directly or mounted to metal channel or unistrut cross members.
(4) Contact PNM new customer service representative to assure proper location.
(5) The conduit must be 1" rigid galvanized.
(6) Conduit must be buried a minimum 24" and stubbed into transformer secondary compartment. Arrangement with PNM is necessary to open transformer.
(7) Caution: 2' 6" depth should not be exceeded because of power and telephone cables below.
(8) Minimum #6 cu ground wire. Connector and rod per NEC article 250. A separate copper grounding electrode conductor sized in accordance with NEC table 250-94 must be provided for connection to PNM's transformer.
(9) 480V being installed in the Southern Divisions, PT's will be required. See Approved Equipment for approved enclosure. ONLY Options A or C will be used.
(10) 1-2-3 to be identified in RED, Neutral in WHITE. For Delta services the third (wild) leg in ORANGE.
Leave wire rolled up in CT can and ensure the wire is long enough to reach Main Disconnect Panel (MDP)

NO TEMPORARY SERVICE

REFERENCES

(1) See MS-2-7.0 Three-Phase Thirteen-Terminal Socket for CT Meter
(2) See MS-5-3.0 Single-Phase or Three-Phase Pedestal Meter

Approved Equipment		
Manufacturer	Item	Mfg Part #
Pentair/Hoffman	Enclosure	A303012CTCJ

Three-Phase Bushing CT Meter Installation

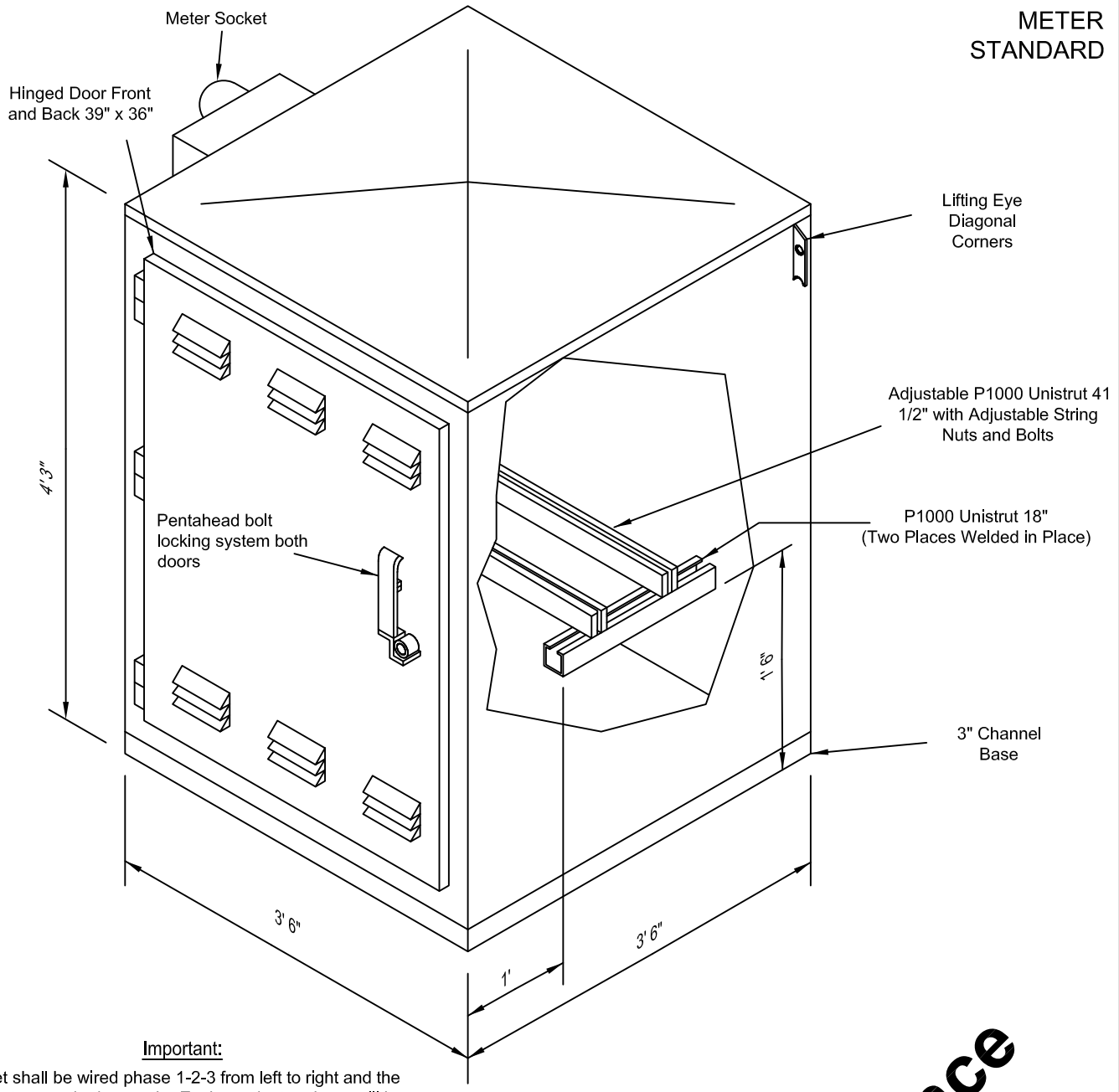
MS-3-10.0

Not to Scale

02/01/20 E

REVISION	Maintenance Only

PNM
METER
STANDARD



Maintenance Only

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
Three bands for phase three
White tape is suitable for neutral conductors only.

NOTES

(1) Thirteen-terminal meter socket may be mounted on either side of CT enclosure when the proper clearances are met.
(2) Customer will furnish both meter socket and CT enclosure.
(3) Thirteen-terminal meter socket should be sent to PNM for pre-wiring.
(4) PNM will mount thirteen-terminal meter socket, transformer, meter and meter wiring.
(5) Enclosure must comply with PNM specification M-1.

REFERENCES

(1) See MS-2-7.0 Three-Phase Thirteen-Terminal Socket for CT Meter
(2) See MS-3-16.0 120/208-277/480V Enclosure Pad
(3) See MS-7-2.0Working Space Required for Meter Enclosure

Approved Equipment		
Manufacturer	Item	Mfg Part #
Shallbetter	Enclosure	SPML-3480-514242-GA-PNM
Sunwest	Enclosure	SW-1976

120/208-277/480V CT Meter Enclosure

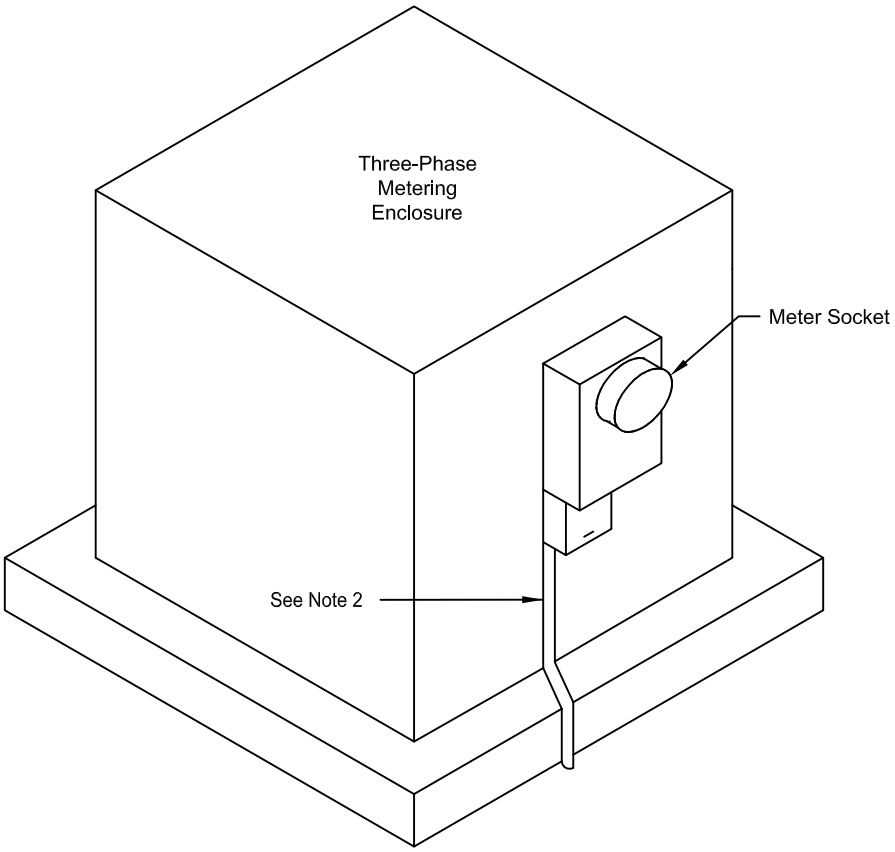
MS-3-11.0

Not to Scale

05/01/18 E

REVISION	Modified Note 4, KYZ Note 1

PNM
METER
STANDARD



NOTES

(1) PNM will supply weatherproof lockable junction box and terminal strip for KYZ pulses or modems.
(2) Customer will provide all conduit (1" maximum diameter) and wiring for his side of the terminal strip and box. Access to the box shall be under customer control. Customer will be responsible for providing a lock for the box and locking it. Conduit must be installed outside of meter enclosure pad.
(3) Please note, there is a charge for this option.
(4) PNM equipment will not be accessible to customer.

TERMINAL STRIP FOR KYZ PULSES

(1) PNM will supply a Form C dry contact isolation relay. The pulses per hour received by the customer's equipment will not exceed 7,200 per hour. The contact rating is 100VA at 100V DC or 120V AC at 1/4A maximum. Customer will provide AC power for their equipment.

TELEPHONE MODEM

(1) PNM will supply a Hayes-compatible telephone modem internal to the meter.
(2) Customer access to the modem will be through an RJ11 telephone termination in the junction box.
(3) Customer will arrange for and pay for telephone line installation. This line will be exclusively used for communication with the meter.
(4) Customer will pay monthly telephone charges.
(5) Customer is responsible for telephone line maintenance.
(6) Customer will provide PNM access to the phone line to interrogate the meter at no charge to PNM.

REFERENCES

(1) See MS-2-7.0 Three-Phase Thirteen-Terminal Socket for CT Meter
(2) See MS-3-11.0 120/208-277/480V CT Meter Enclosure

Optional Equipment to Provide Meter Data for Customer Use

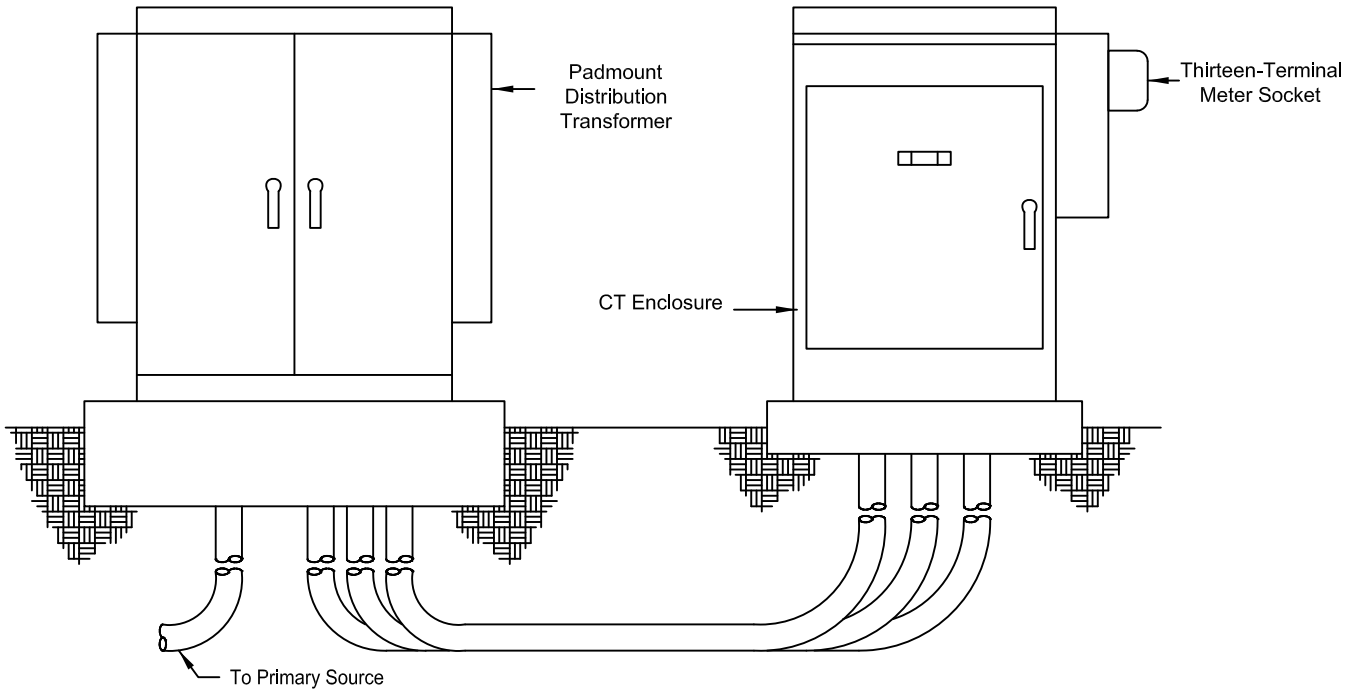
MS-3-12.0

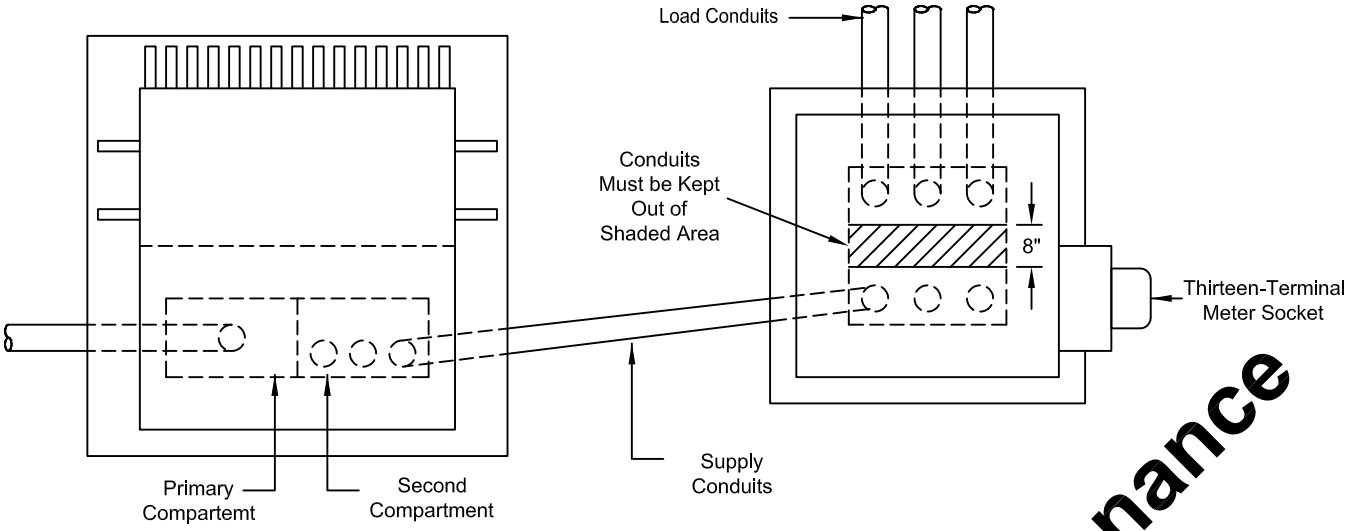
Not to Scale

08/01/18 E

REVISION	Maintenance Only

PNM
METER
STANDARD





Maintenance Only

NOTES

(1) Transformer pad may be integral with meter enclosure pad.
(2) Enclosure must be positioned on secondary side of transformer.
(3) Thirteen-terminal socket should be sent to PNM for pre-wiring.

REFERENCES

(1) See DS-7-16._ For Transformer Pad
(2) See MS-2-7.0 Three-Phase Thirteen-Terminal Socket for CT Meter
(3) See MS-3-11.0 120/208-277/480V CT Meter Enclosure
(4) See MS-3-14.0 120/208-277/480V Transformer and Meter Enclosure
(5) See MS-3-16.0 120/208-277/480V Enclosure Pad
(6) See MS-7-2.0 Working Space Required for Meter Enclosure

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
Three bands for phase three
White tape is suitable for neutral conductors only.

120/208-277/480V Transformer and Meter Enclosure Using Conduit

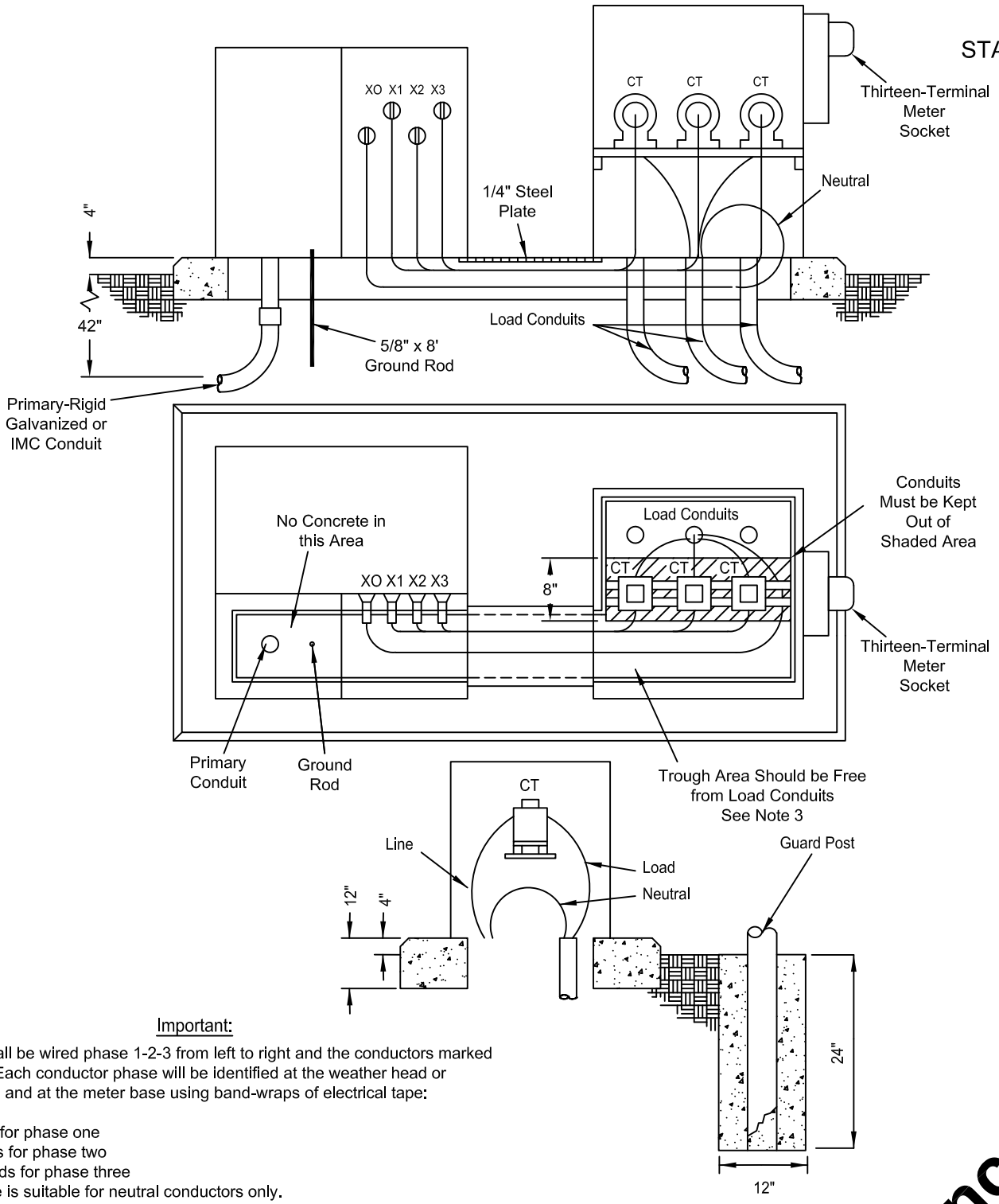
MS-3-13.0

Not to scale

05/01/18 E

REVISION	Maintenance Only

PNM
METER
STANDARD



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
Three bands for phase three
White tape is suitable for neutral conductors only.

NOTES

(1) Thirteen-terminal meter socket should be sent to PNM for pre-wiring.
(2) Guard post are required in traffic areas.
(3) The portion of trough area feeding from meter enclosure to the secondary of transformer should be free of load conduits. These conduits should be located as shown in drawings above.

REFERENCES

(1) See DS-7-16.10 Guard Post
(2) See Section DS-7-__ for Individual Pad Details
(3) See MS-2-7.0 Three-Phase Thirteen-Terminal Socket for CT Meter
(6) See MS-7-2.0 Working Space Required for Meter Enclosure

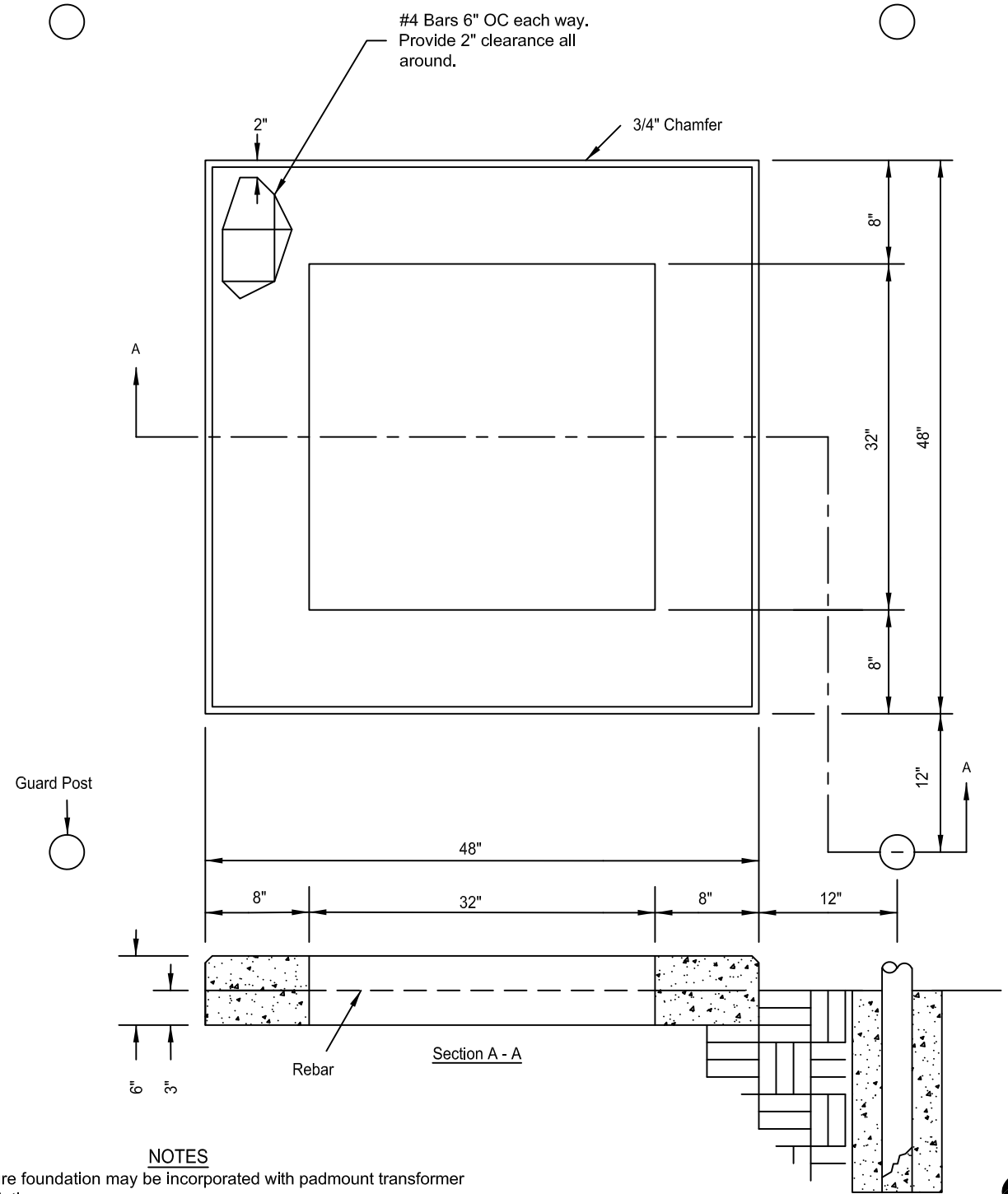
Maintenance Only

120/208-277/480V Transformer and Meter Enclosure Using Trough MS-3-14.0

Not to Scale 05/01/18 E

REVISION	Maintenance Only

PNM
METER
STANDARD



NOTES

(1) Enclosure foundation may be incorporated with padmount transformer foundation.
(2) Guard posts are required in traffic areas.
(3) Concrete pad shall be 3000 psi concrete level within ± 1/4" in 5' and trowel finished to provide a true plane within 1/16" in 5' as determined by 5' straight edge.
(4) Existing grade and backfill under concrete pad shall be compacted to 95% in accordance with ASTM D1557.

REFERENCES

(1) See DS-7-16.10 Guard Post
(2) See MS-3-13.0 120/208-277/480V Transformer and Meter Enclosure Using Conduit
(3) See MS-7-2.0 Working Space Required for Meter Enclosure

120/208-277/480V Enclosure Pad

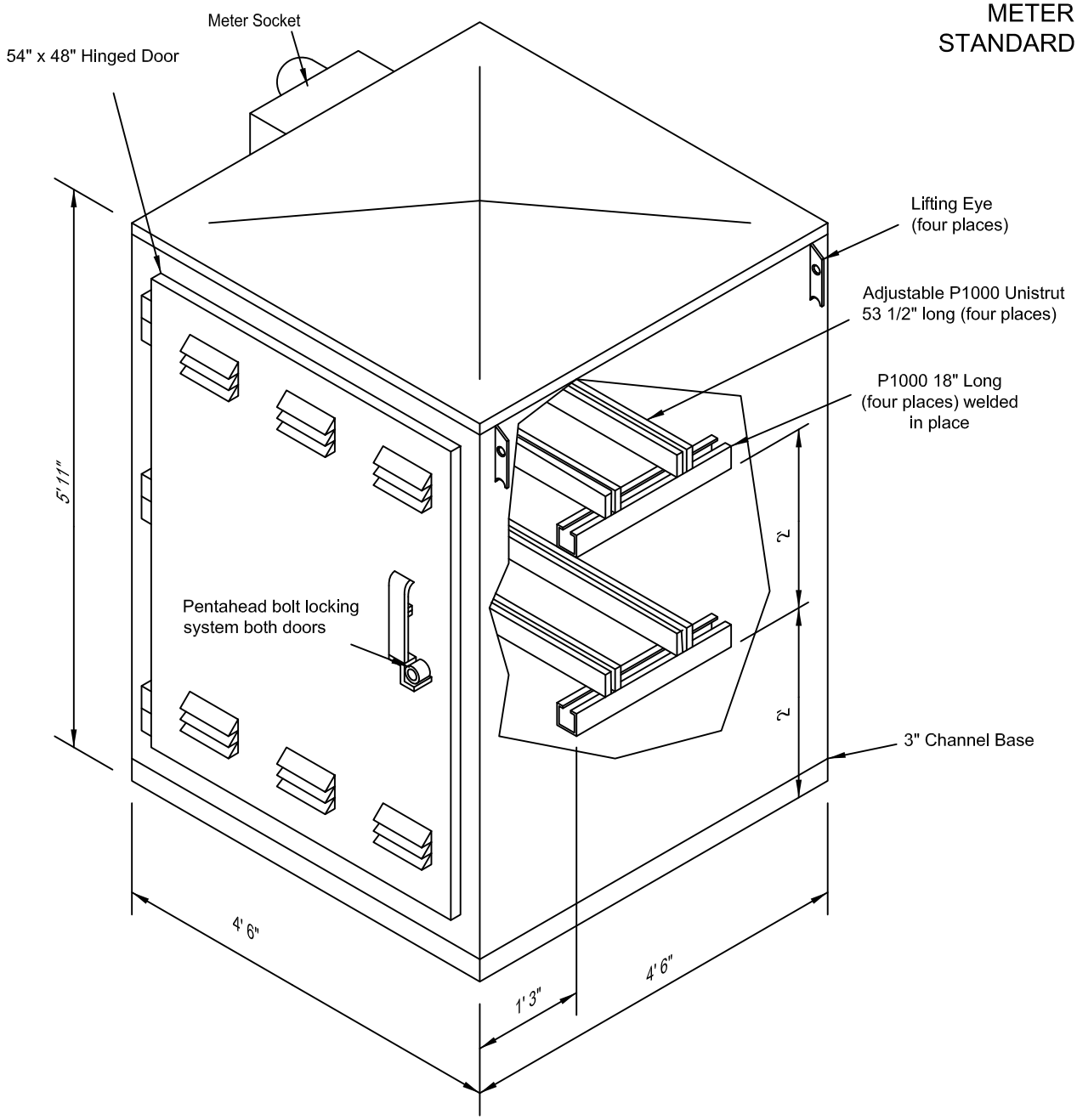
MS-3-16.0

Not to Scale

05/01/18 E

REVISION	Modified "Approved Equipment" list

PNM
METER
STANDARD



NOTES

(1) Meter enclosure, may be mounted on either side of CT and PT enclosure.
(2) Customer will furnish both meter socket and CT enclosure and deliver to PNM.
(3) PNM will mount meter enclosure, transformer, meter and meter wiring.
(4) Enclosure must comply with PNM specification M-1.

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
Tree bands for phase three
White tape is suitable for neutral conductors only

REFERENCES

(1) See DS-7-17.2 7200/12470V CT and PT Meter Enclosure Precast Pad
(2) See MS-2-7.0 Three-Phase Thirteen-Terminal Socket for CT Meter
(3) See MS-3-18.0 7200/12470V Primary Meter Enclosure
(4) See MS-3-20.0 7200/12470V CT and PT Meter Enclosure Mounts
(5) See MS-3-21.0 7200/12470V CT and PT Meter Enclosure Pad

Approved Equipment		
Manufacturer	Item	Mfg Part #
Shallbetter	Enclosure	SPML-3480-715454-GA-PNM
Sunwest	Enclosure	SW-1979

7200/12470V CT and PT Meter Enclosure

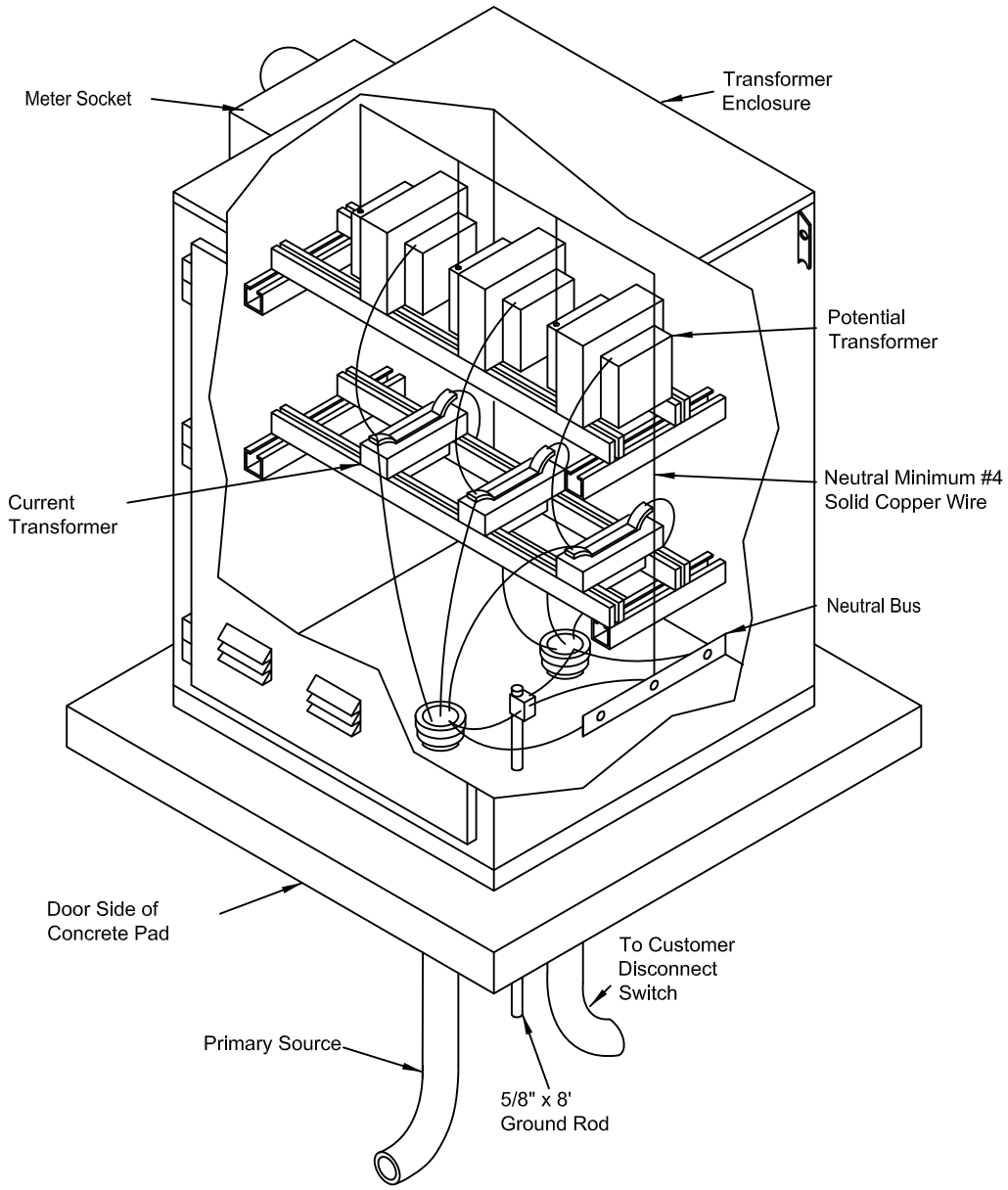
MS-3-17.0

Not to Scale

05/01/17 E

REVISION	Format update

PNM
METER
STANDARD



NOTES

(1) Customer will furnish both meter socket and CT enclosure and deliver to PNM.
(2) 15 kV cable shown as heavy lines.
(3) Minimum clearance between 15 kV non-shielded cable and ground is 7 1/2".
(4) Customer will furnish and install 4" rigid galvanized or IMC conduit and concrete pad.

REFERENCES

(1) See MS-1-22.0 2400/4160-7200/12470V Wye Primary Meter
(2) See MS-2-7.0 Three-Phase Thirteen-Terminal Socket for CT Meter
(3) See MS-3-17.0 7200/12470V CT and PT Meter Enclosure
(4) See MS-3-20.0 7200/12470V CT and PT Meter Enclosure Mounts
(5) See MS-3-21.0 7200/12470V CT and PT Meter Enclosure Pad

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:

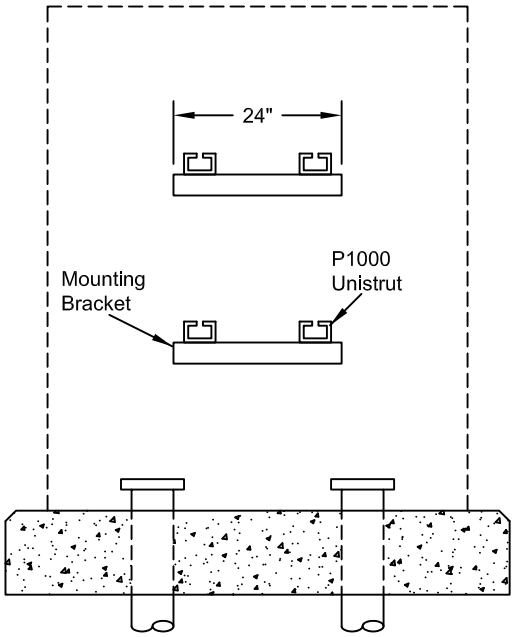
One band for phase one
Two bands for phase two
Three bands for phase three
White tape is suitable for neutral conductors only

7200/12470V Primary Meter Enclosure MS-3-18.0

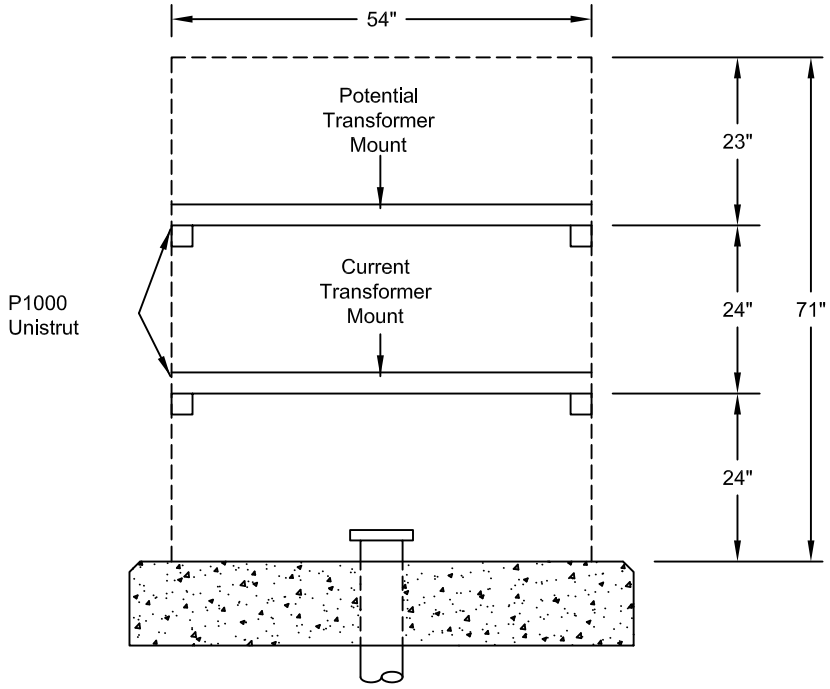
Not to Scale 08/01/13 E

REVISION	Corrected Current Transformer Mount call out

PNM
METER
STANDARD



End View



Side View

REFERENCES

(1) See MS-3-17.0 7200/12470V CT and PT Meter Enclosure

7200/12470V CT and PT Meter Enclosure Mounts

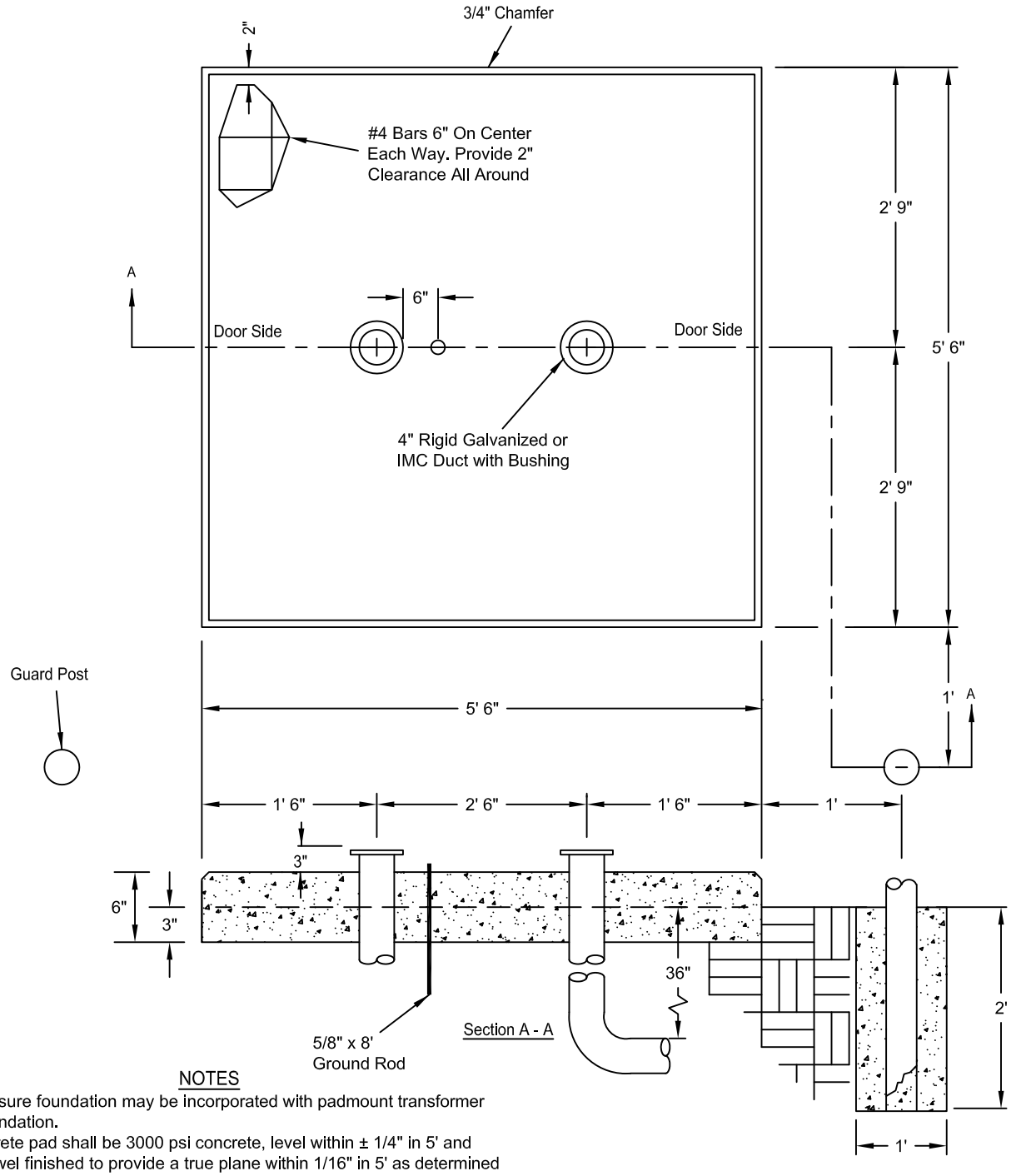
MS-3-20.0

Not to Scale

02/01/16 E

REVISION	Added Reference 2

PNM
METER
STANDARD



NOTES

(1) Enclosure foundation may be incorporated with padmount transformer foundation.
(2) Concrete pad shall be 3000 psi concrete, level within ± 1/4" in 5' and trowel finished to provide a true plane within 1/16" in 5' as determined by a 5' straight edge.
(3) Existing grade and back fill under concrete pad shall be compacted to 95% in accordance with ASTM D1557.

REFERENCES

(1) See DS-7-16.10 Guard Post
(2) See DS-7-17.2 7200/12470V CT and PT Meter Enclosure Precast Pad
(3) See MS-3-17.0 7200/12470V CT and PT Meter Enclosure
(4) See MS-7-2.0 Working Space Required for Meter Enclosure

7200/12470V CT and PT Meter Enclosure Pad

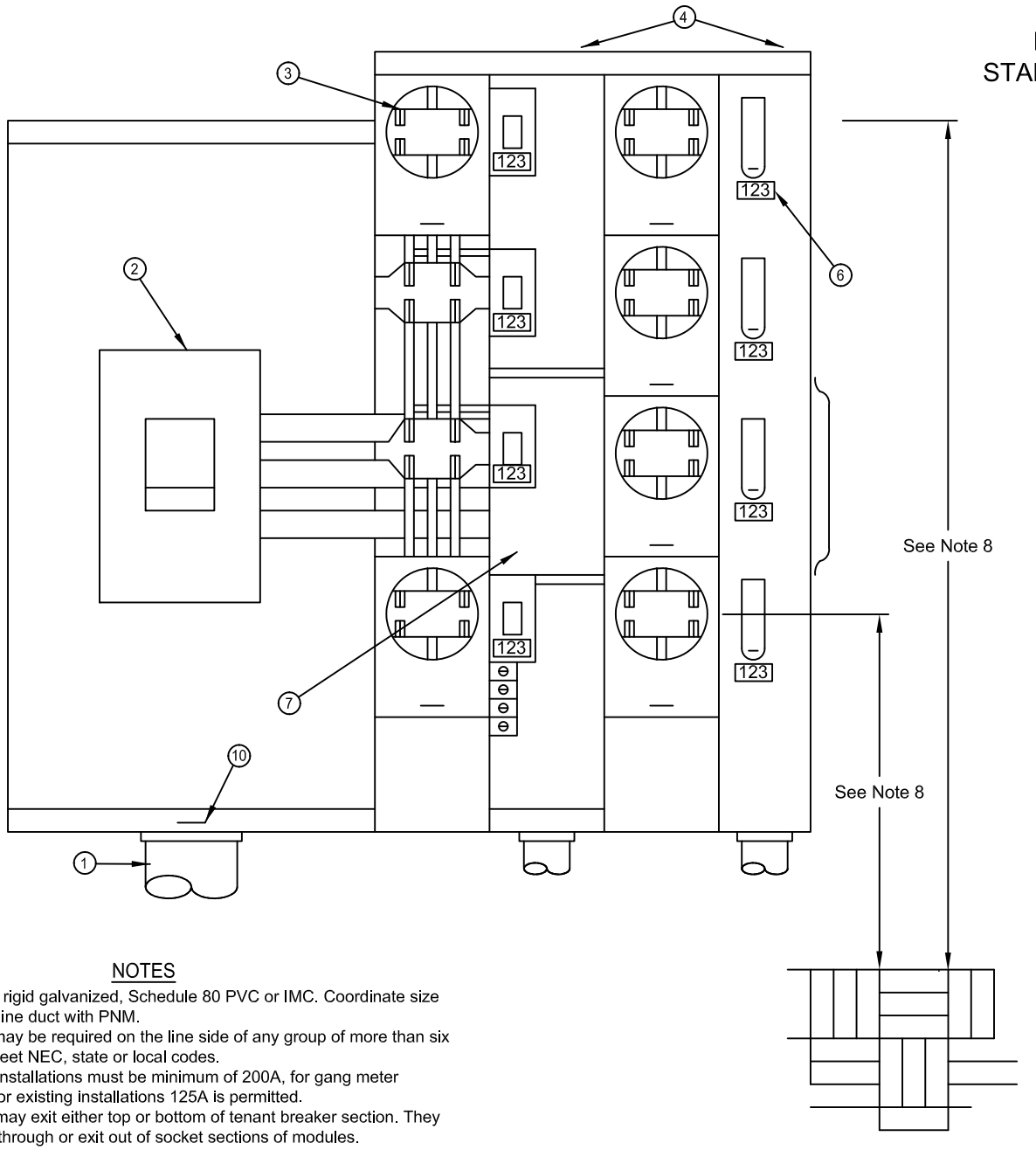
MS-3-21.0

Not to Scale

12/01/15 E

REVISION	Updated Note 6

PNM
METER
STANDARD



NOTES

(1) Line duct must be rigid galvanized, Schedule 80 PVC or IMC. Coordinate size and number of line duct with PNM.
(2) Main disconnect may be required on the line side of any group of more than six meter sets to meet NEC, state or local codes.
(3) New socket jaws installations must be minimum of 200A, for gang meter sockets only. For existing installations 125A is permitted.
(4) Load conductors may exit either top or bottom of tenant breaker section. They shall not travel through or exit out of socket sections of modules.
(5) All enclosures shall be securely mounted to building.
(6) 1" placards to be used under main disconnect and adjacent to the corresponding socket on a non-removable part of the cabinet. No painted or written identification will be accepted.
(7) Line bus feed must have metal barrier when passing through tenant breaker section for safety and security.
(8) Top meter shall be a maximum of 79" from finished grade. Bottom meter shall be a minimum of 30" from finish grade. Maximum of four meters per column.
(9) PNM requires a minimum clearance of 36" minimum between front of sockets and any wall or obstruction.
(10) All line feed sections shall be lockable and sealable by PNM.
(11) All units shall be complete with sockets and breakers at the time of initial set of first meter.
(12) The single-phase house meter must be a four-jaw meter socket with a bypass handle. House meter must be tapped off from the phases and neutral of the line side meter pack main buss or disconnect breaker only when applicable.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents
(2) See DS-7-16.10 Guard Post
(3) See MS-2-1.0 Meter Socket Ring
(4) See MS-2-2.0 120/240V 125/200A Permanent Single-Phase Meter Socket
(5) See MS-2-5.0 120/240V 200A Single-Phase Meter Socket with Bypass Handle

Approved Equipment		
Manufacturer	Item	Mfg Part #
Eaton	200A OH/UG Ringless # Position	1MM***
Eaton	200A OH/UG Ringless # Position	1MP***
Eaton	200A OH/UG Ringless # Position	3MM***
Eaton	200A OH/UG Ringless # Position	35MM***
Eaton	200A OH/UG Ringless # Position	37MM***
Siemens	200A OH/UG Ringless # Position	WMM***
Siemens	200A OH/UG Ringless # Position	WML*******
Square D	125A OH/UG Ringless # Position	MPR*****
Square D	200A OH/UG Ringless # Position	MPR*****
Square D	200A OH/UG Ringless # Position	EZMR******
Square D	200A OH/UG Ringless Bypass # Pos	MPL*****
Square D	200A OH/UG Ringless Bypass # Pos	EZML******

*** There are various catalog # available for # positions.

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

120/240V Single-Phase Four-Terminal Modular Meter and Equipment

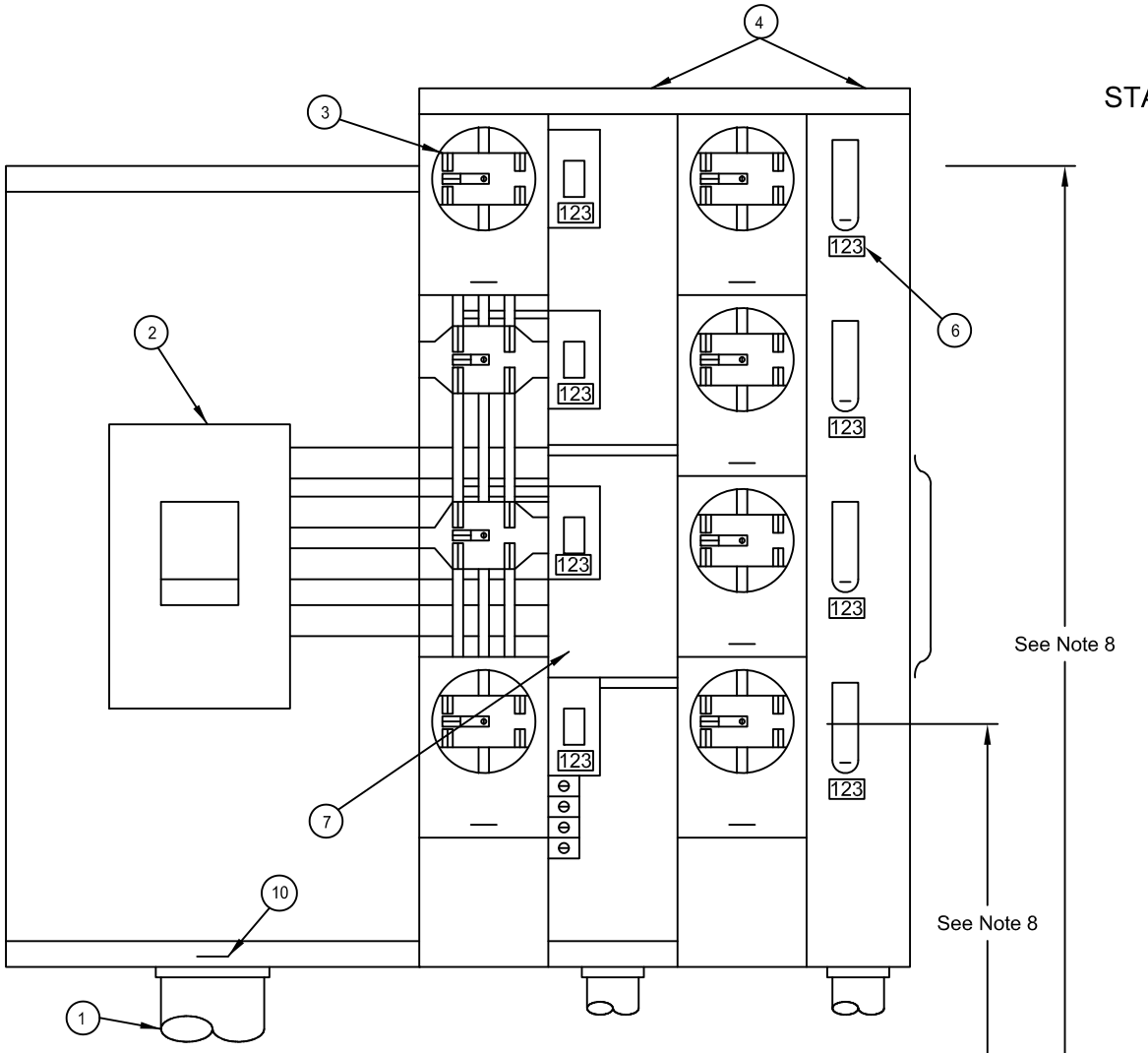
MS-4-1.0

Not to Scale

02/01/20 E

REVISION	Updated Note 6

PNM
METER
STANDARD



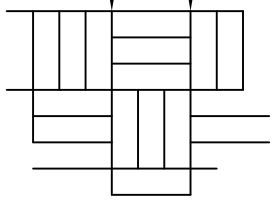
NOTES

(1) Line duct must be rigid galvanized, Schedule 80 PVC or IMC. Coordinate size and number of line ducts with PNM.
(2) Main disconnect may be required on the line side of any group of more than six meter sets to meet NEC, state or local codes.
(3) New socket jaws installation must be minimum of 200A for gang meter sockets only. Fifth terminal to be in 9:00 o'clock position. For existing installations 125A is permitted.
(4) Load conductors may exit either top or bottom of tenant breaker section. They shall not travel through or exit out of socket sections of modules.
(5) Three-phase services will not be added to this gear after initial installation unless gear was designed and manufactured for that use and approved by PNM.
(6) 1" placards to be used under main disconnect and adjacent to the corresponding socket on a non-removable part of the cabinet. No painted or written identification will be accepted.
(7) Line bus feed must have metal barrier when passing through tenant breaker section for safety and security.
(8) Top meter shall be a maximum of 79" from finished grade. Bottom meter shall be a minimum of 30" from finish grade. Maximum of four meters per column.
(9) PNM requires a minimum clearance of 36" minimum between front of sockets and any wall or obstruction.
(10) All line feed sections shall be lockable and sealable by PNM.
(11) All units shall be complete with sockets and breakers at the time of initial set of first meter.
(12) Guard posts will be required in traffic areas.
(13) The three-phase house meter must be a seven-jaw with bypass handle. House meter must be tapped off from all phases and neutral of the line side meter pack main buss or disconnect.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents
(2) See DS-7-16.10 Guard Post
(3) See MS-2-1.0 Meter Socket Ring
(4) See MS-2-6.0 120/208 Wye or 120/240 Delta 200A Three-Phase Four-Wire Wye or Delta Meter Socket with Bypass

RESIDENTIAL USE ONLY



Approved Equipment		
Manufacturer	Item	Mfg Part #
Eaton	200A OH/UG Ringless # Position	1MM***
Eaton	200A OH/UG Ringless # Position	1MP***
Eaton	200A OH/UG Ringless # Position	3MM****
Eaton	200A OH/UG Ringless # Position	35MM****
Eaton	200A OH/UG Ringless # Position	37MM****
GE	200A OH/UG Ringless # Position	TMP8420R
GE	200A OH/UG Ringless # Position	TMP12420R
Siemens	200A OH/UG Ringless # Position	WMM****
Siemens	200A OH/UG Ringless # Position	WML*******
Square D	200A OH/UG Ringless # Position	MPR*****
Square D	200A OH/UG Ringless # Position	EZMR******

***There are various catalog # available for # positions.

Remove the first "W" if units are indoor

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

120/208V Five-Terminal Modular Meter and Equipment

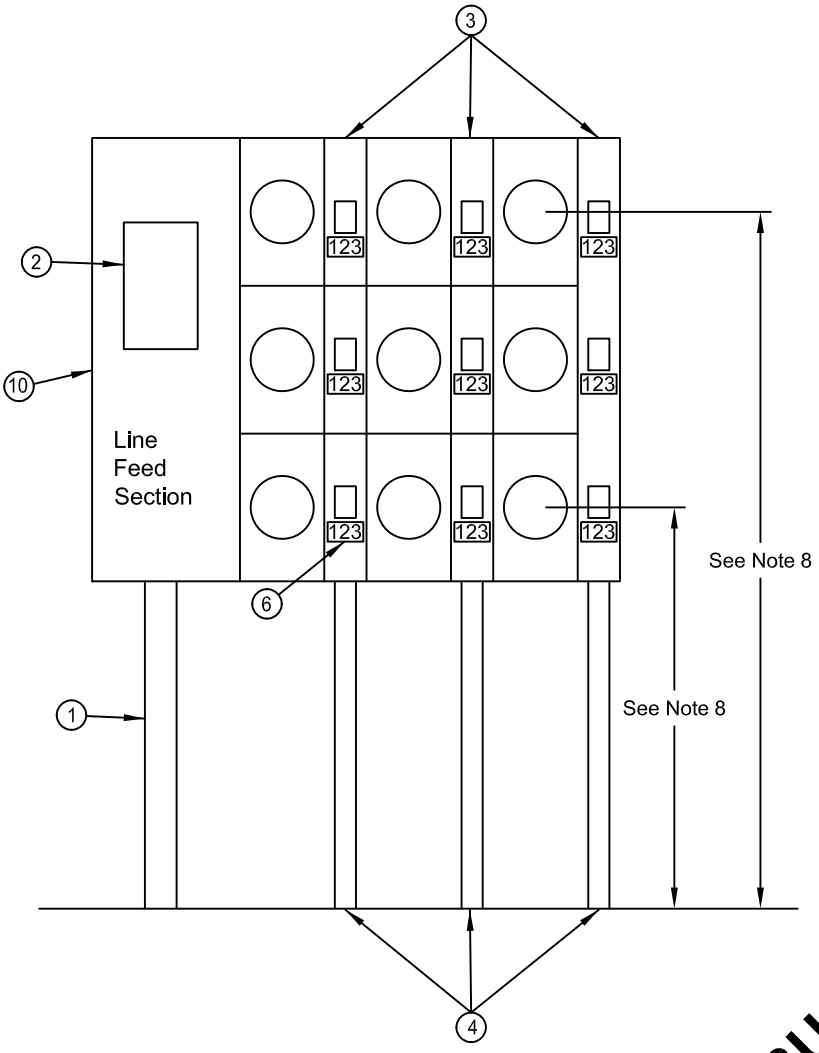
MS-4-2.0

Not to Scale

02/01/20 E

REVISION	Updated Note 6

PNM
METER
STANDARD



ALBUQUERQUE
DOWNTOWN
NETWORK
ONLY

NOTES

(1) Line conduit must be rigid galvanized, Schedule 80 PVC or IMC. Coordinate size and number of line conduits with PNM.
(2) Main disconnect may be required on the line side of any group of more than six meter sets to meet NEC, state or local codes.
(3) All units shall be complete with sockets and breakers at the time of initial set of first meter.
(4) Load conductors may exit either top or bottom of tenant breaker section. They shall not travel through or exit out of socket sections of modules.
(5) All enclosures shall be securely mounted to building.
(6) 1" placards to be used under main disconnect and adjacent to the corresponding socket on a non-removable part of the cabinet. No painted or written identification will be accepted.
(7) Guard posts will be required in traffic areas.
(8) Top meter shall be a maximum of 79" from finished grade. Bottom meter shall be a minimum of 30" from finish grade. Maximum of four meters per column.
(9) PNM requires a minimum clearance of 36" minimum between front of sockets and any wall or obstruction.
(10) All line feed sections shall be lockable and sealable by PNM.
(11) All units shall be complete with sockets and breakers at the time of initial set of first meter.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents
(2) See DS-7-16.10 Guard Post
(3) See MS-2-6.0 120/208 Wye or 120/240 Delta 200A Three-Phase Four-Wire Wye or Delta Meter Socket with Bypass

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
Three bands for phase three
White tape is suitable for neutral conductors only.

Approved Equipment		
Manufacturer	Item	Mfg Part #
Siemens	200A OH/UG Ringless # Position	WPL4*12RJ
Siemens	200A OH/UG Ringless # Position, 600A Buss	WPL6612RJ
Siemens	200A OH/UG Ringless # Position, 800A Buss	WPL8612RJ
Siemens	200A OH/UG Ringless # Position, 1000A Buss	WPL10612RJ
Square D	200A OH/UG Ringless * Position	EZML33*225

* There are various catalot#'s available for # of positions

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

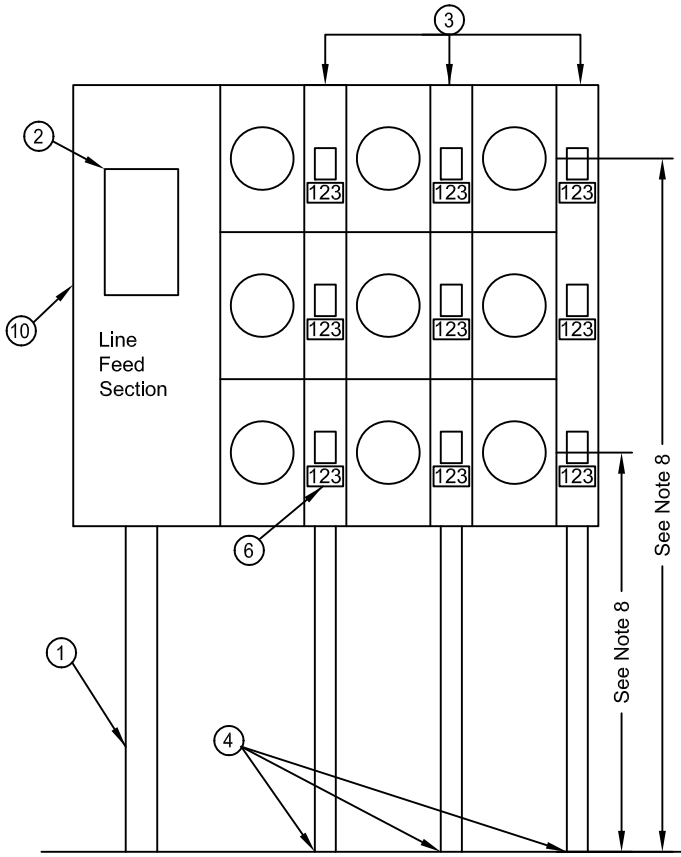
120/208-277/480V 200A Three-Phase Four-Wire Multiple Meter MS-4-3.0

Not to Scale 02/01/20 E

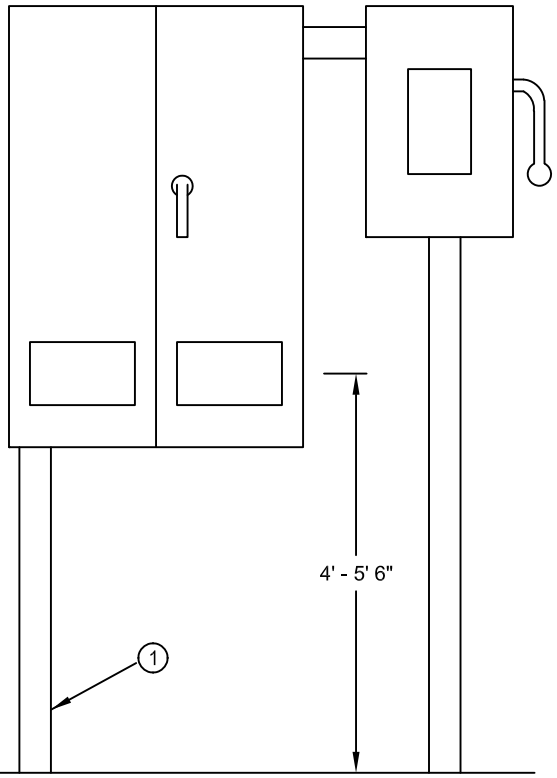
REVISION	Updated Note 6

PNM
METER
STANDARD

A



B



NOTES

(1) Line conduit must be rigid galvanized, Schedule 80 PVC or IMC. Coordinate size and number of line conduits with PNM.
(2) Main disconnect may be required on the line side of any group of more than six meter sets to meet NEC, state or local codes.
(3) All units shall be complete with sockets and breakers at the time of initial set of first meter.
(4) Load conductors may exit either top or bottom of tenant breaker section. They shall not travel through or exit out of socket sections of modules.
(5) All enclosures shall be securely mounted to building.
(6) 1" placards to be used under main disconnect and adjacent to the corresponding socket on a non-removable part of the cabinet. No painted or written identification will be accepted.
(7) Guard posts will be required in traffic areas.
(8) Top meter shall be a maximum of 79" from finished grade. Bottom meter shall be a minimum of 30" from finish grade. Maximum of four meters per column.
(9) PNM requires a minimum clearance of 36" minimum between front of sockets and any wall or obstruction.
(10) All line feed sections shall be lockable and sealable by PNM.
(11) All units shall be complete with sockets and breakers at the time of initial set of first meter.
(12) "A" is for metering 120/208-277/480V seven-jaw sockets with 200A loads.
(13) "B" is for metering customer with loads over 200A.

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
Three bands for phase three
White tape is suitable for neutral conductors only

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents
(2) See DS-7-16.10 Guard Post
(3) See MS-2-6.0 120/208 Wye or 120/240 Delta 200A Three-Phase Four-Wire Wye or Delta Meter Socket wit Bypass
(4) See MS-3-8.0 Over 200A Three-Phase Meter Options
(5) See MS-4-8.0 Switchgear Seven-Jaw Socket Meter
(6) See MS-4-11.0 120/208 or 277/480V Switchgear Metering

Approved Equipment		
Manufacturer	Item	Mfg Part #
Square D	200A OH/UG Ringless * Position	EZML33*225

* There are various catalog #'s available for # of positions

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

120/208-277/480V Three-Phase Four-Wire Multiple Meter

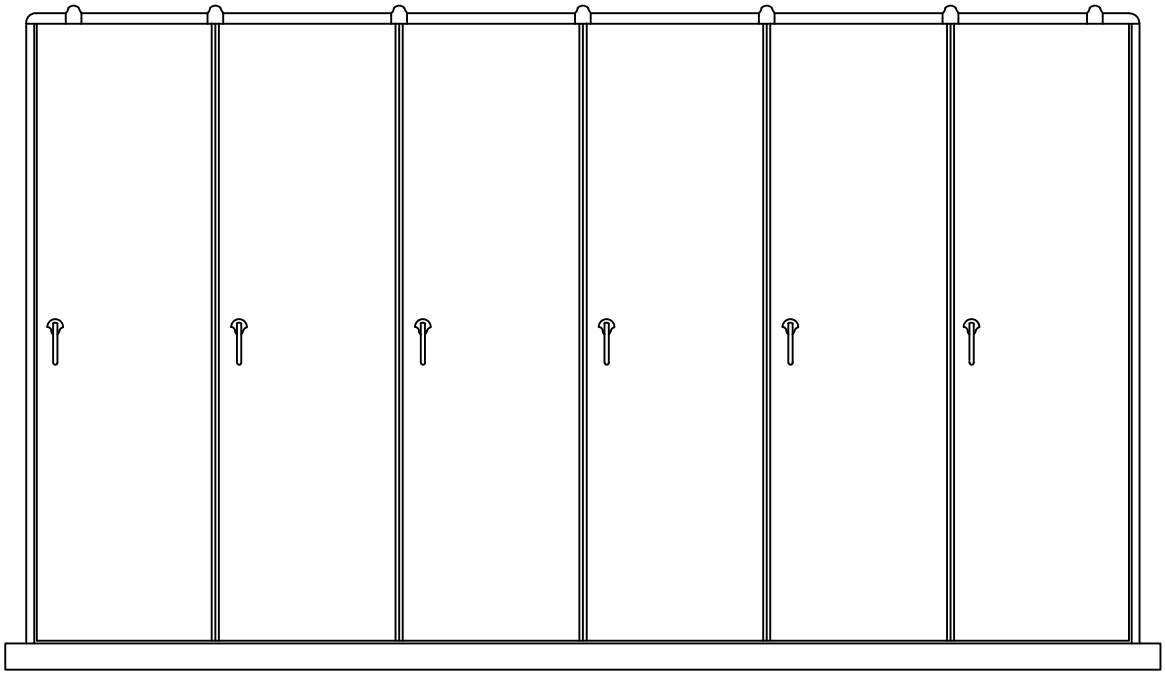
MS-4-4.0

Not to Scale

02/01/20 E

REVISION	Corrected Reference 2

PNM
METER
STANDARD



NOTES

(1) This equipment to be used as housing for three-phase 120/208, 277/480V switchgear and metering when used outdoors.
(2) Drawing must be submitted to meter department for approval.
(3) Dual locking arrangements must be made. Enclosure door must be operable without the use of tools.
(4) Customer building number must be permanently painted under main disconnect.
(5) Same spacing can be used for various metering application.
(6) Guard posts will be required in traffic areas.

REFERENCES

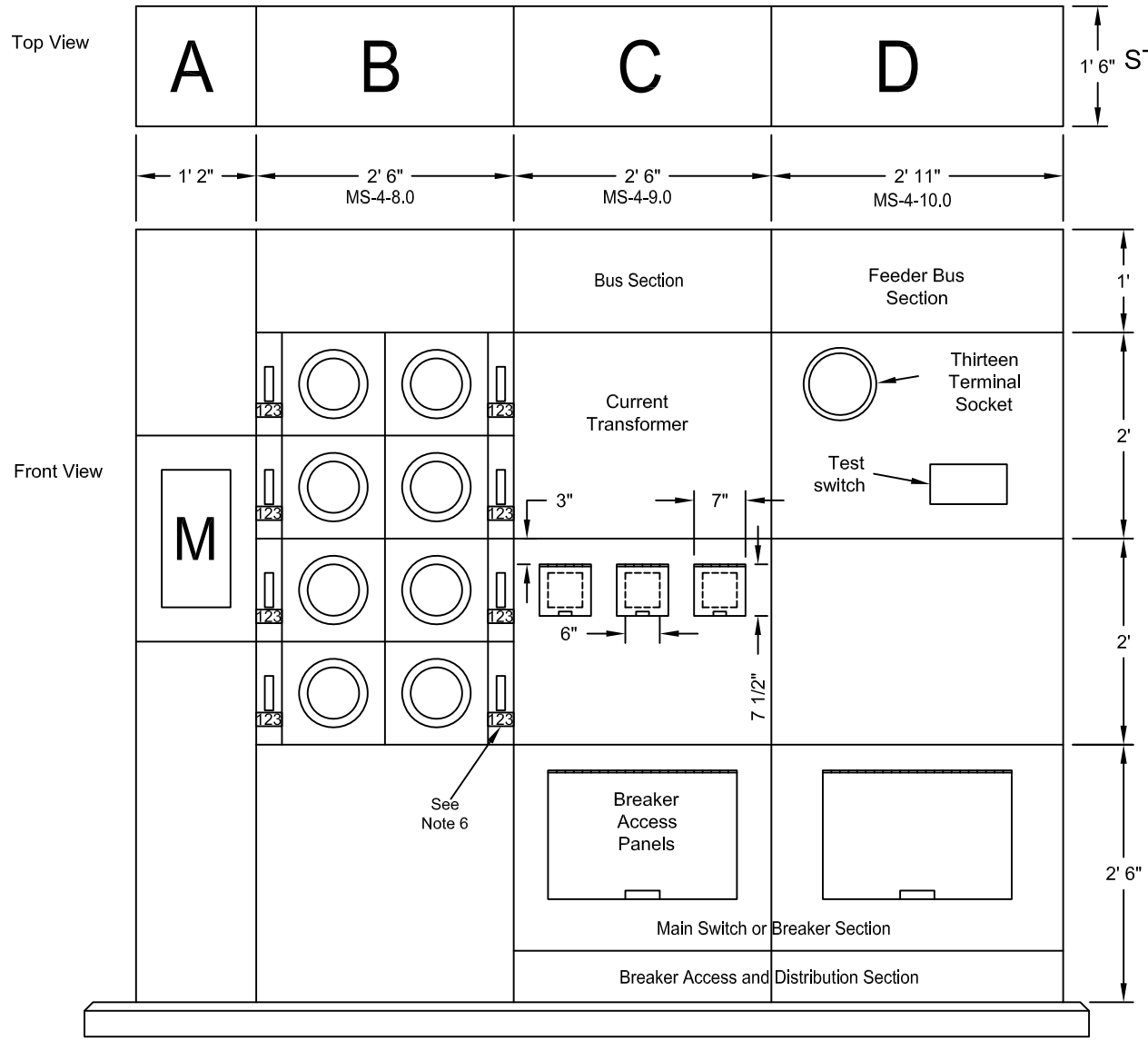
(1) See DS-7-16.10 Guard Post
(2) See MS-4-11.0 120/208 or 277/480V Switchgear Metering

Rain Tight Housing for Switchgear and Meter MS-4-5.0

Not to Scale 08/01/18 E

REVISION	Updated Note 6

PNM METER STANDARD



NOTES

(1) "A" is a pull section for cables from the padmount transformer. This section could be at either end of switchgear. Main disconnect could be required to meet NEC, state or local codes. Load conductors shall not be allowed in this or bus sections of switchgear.
(2) "B" 200A seven-jaw sockets.
(3) "C" is for metering customers with CT's 800A and under.
(4) "D" is for metering customers with CT's 800A and over.
(5) Front panels must be removable and sealable.
(6) 1" placards to be used under main disconnect and adjacent to the corresponding socket on a non-removable part of the cabinet. No painted or written identification will be accepted.
(7) Rain tight housing should be used if switch gear is in unprotected location.

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
Three bands for phase three
White tape is suitable for neutral conductors only

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents
(2) See MS-4-5.0 Raintight Housing for Switchgear and Meter
(3) See MS-4-8.0 Seven-Jaw Socket Switchgear Meter
(4) See MS-4-9.0 Cradle Mount CT Switchgear Metering
(5) See MS-4-10.0 Base Mount CT Switchgear Metering

MAINTENANCE ONLY

120/208-277/480V Switchgear

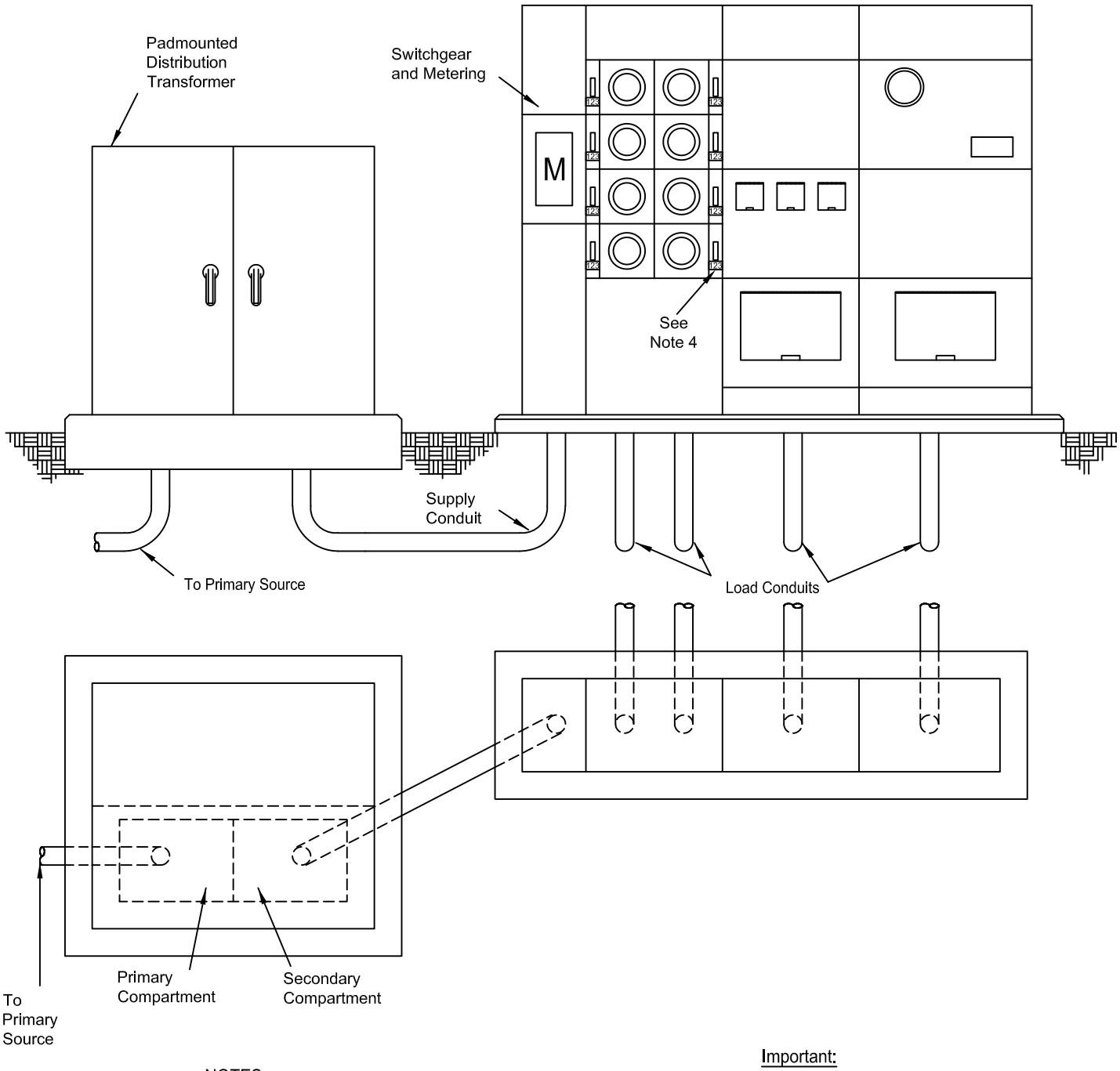
MS-4-6.0

Not to scale

02/01/20

REVISION	Updated Note 4

PNM
METER
STANDARD



NOTES

(1) Rain tight housing should be used if switchgear is mounted in unprotected location.
(2) Switchgear and transformer may be mounted on common pad.
(3) Guard posts will be required in traffic areas.
(4) 1" placards to be used under main disconnect and adjacent to the corresponding socket on a non-removable part of the cabinet. No painted or written identification will be accepted.

REFERENCES

(1) See Section 7 for individual pad details
(2) See DS-7-16.10 Guard Post
(3) See MS-4-5.0 Raintight Housing for Switchgear and Meter
(4) See MS-4-8.0 Switchgear Seven-jaw Socket Meter
(5) See MS-4-9.0 Cradle Mount CT Switchgear Metering
(6) See MS-4-10.0 Base Mount CT Switchgear Metering

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:

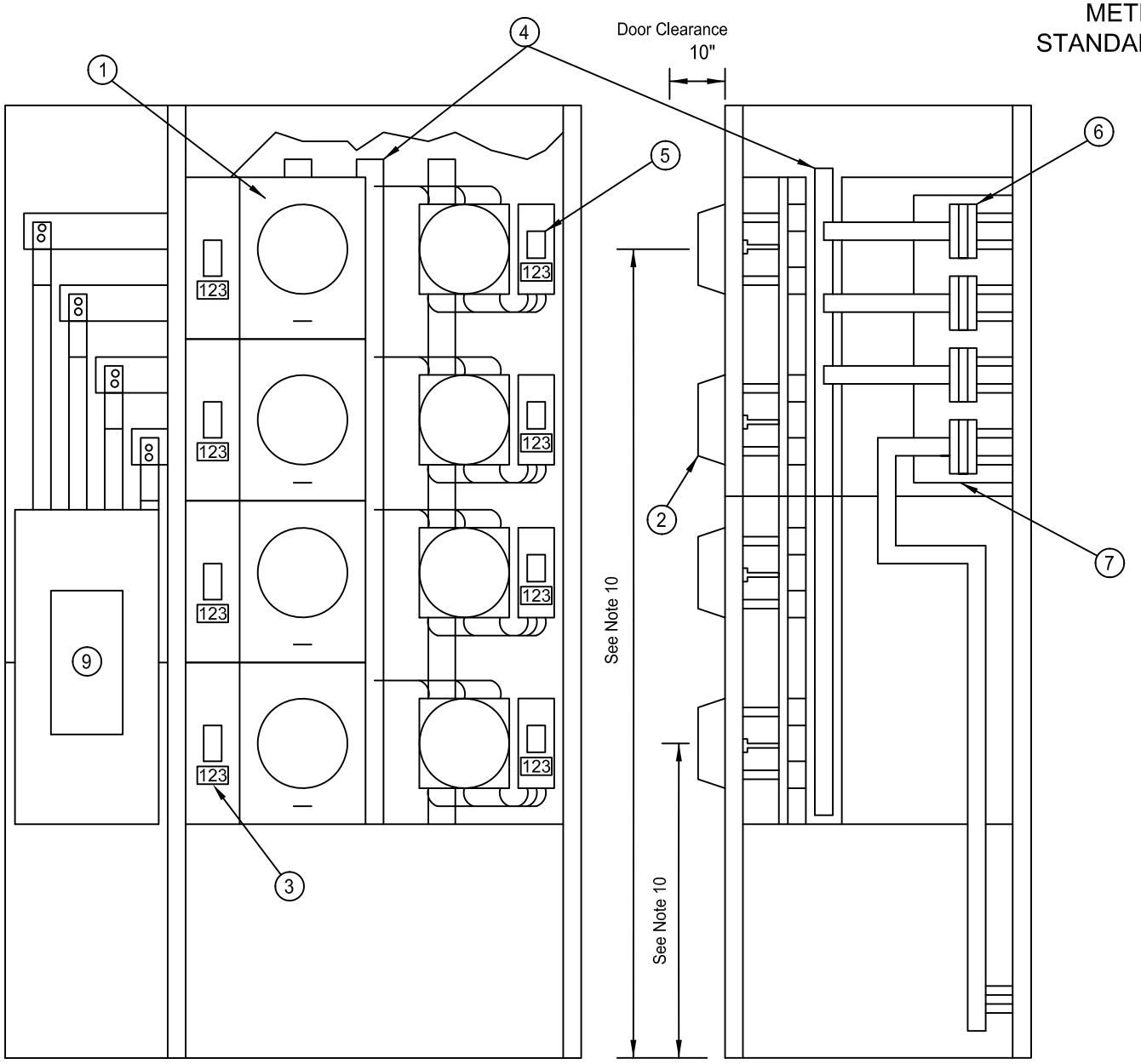
One band for phase one
Two bands for phase two
Three bands for phase three
White tape is suitable for neutral conductors only

Switchgear Meters with Padmount Transformer MS-4-7.0

Not to Scale 02/01/20 E

REVISION	Updated Note 3

PNM
METER
STANDARD



NOTES

(1) Single meter covers with provisions to seal and or lock.
(2) 120/208V, 277/480V seven-jaw socket, 200A only.
(3) 1" placards to be used under main disconnect and adjacent to the corresponding socket on a non-removable part of the cabinet. No painted or written identification will be accepted.
(4) Panel bus
(5) Circuit breaker
(6) Cross bus
(7) Barriers per UL, NEC, AND PNM Requirements.
(8) Service entrance equipment shall be designed for an available fault current of 60,000A symmetrical three-phase at the transformer.
(9) Main disconnect may be required on the line side of any group of more than six meter sets to meet NEC, state or local codes.
(10) Top meter shall be maximum of 79" from finish grade. Bottom meter shall be a minimum of 30" from finish grade. Maximum of four meters per column.
(11) All units shall be complete with sockets and breakers at the time of the initial set of first meter.
(12) Guard posts will be required in traffic areas.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents
(2) See DS-7-16.10 Guard post
(3) See MS-2-6.0 120/208 Wye or 120/240 Delta 200A Three-Phase Four-Wire Wye or Delta Meter Socket with Bypass
(4) See MS-4-9.0 Cradle Mount CT Switchgear Metering

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
Three bands for phase three
White tape is suitable for neutral conductors only

Switchgear Seven-Jaw Socket Meter

MS-4-8.0

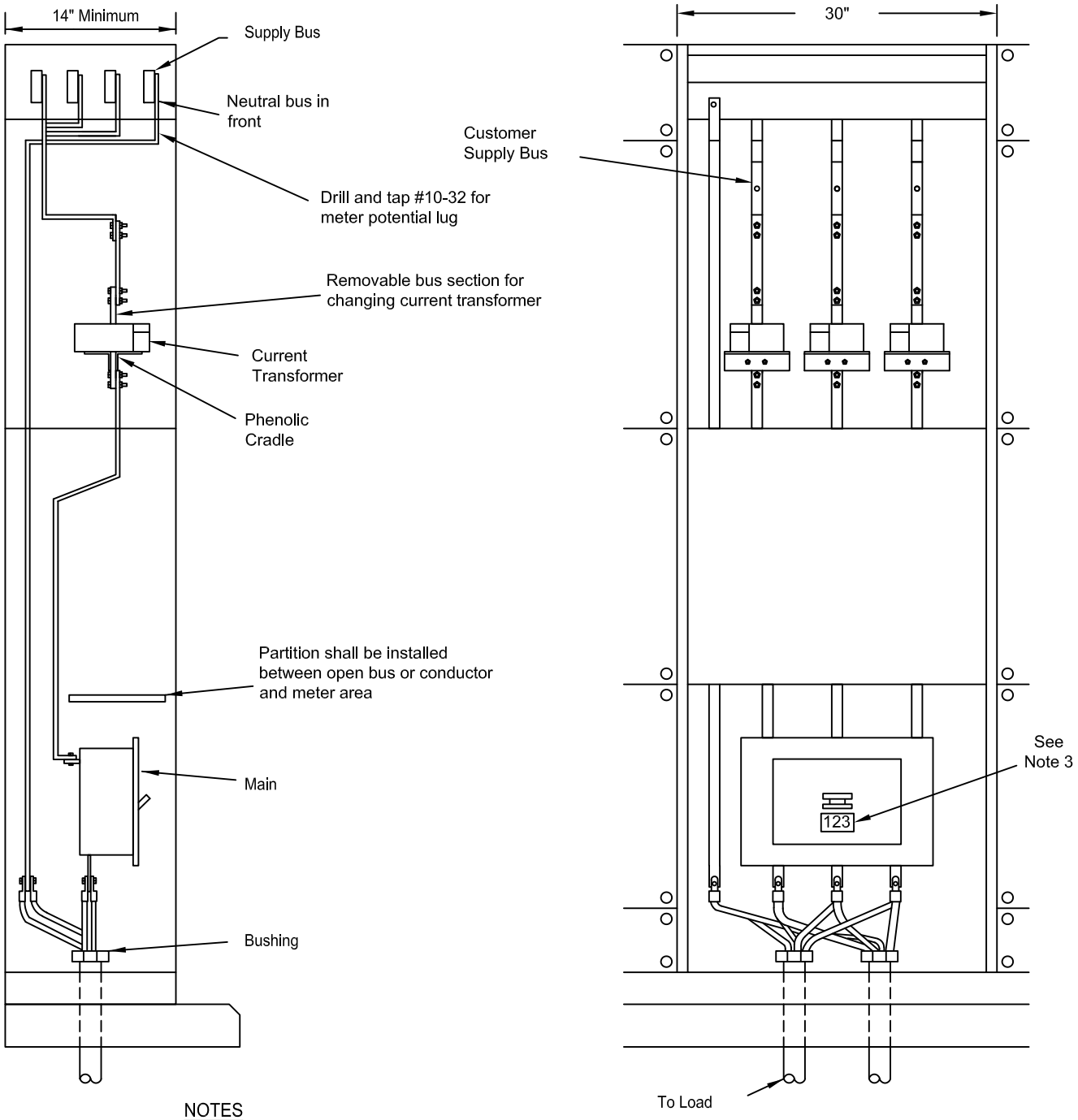
Not to Scale

02/01/20 E

REVISION	Updated Note 3

PNM
METER
STANDARD

Metering with current transformer
one customer (panel removed)



NOTES

(1) Bond neutral bus, cabinet and meter bases to common ground.
(2) Bond CT secondary meter frames to cabinet and neutral bus.
(3) 1" placards to be used under main disconnect and adjacent to the corresponding socket on a non-removable part of the cabinet. No painted or written identification will be accepted.
(4) If conductor are used instead of bus, they must be kept behind meter board.
(5) Load conductors must leave switchgear through bottom area. NEC does not allow load conductors to exit through line bus area.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault currents
(2) See DS-7-16.10 Guard post
(3) See MS-4-6.0 120/208-277/480V Switchgear
(4) See EUSERC Section 300 Metering and Service Equipment

Cradle Mount CT Switchgear Metering

MS-4-9.0

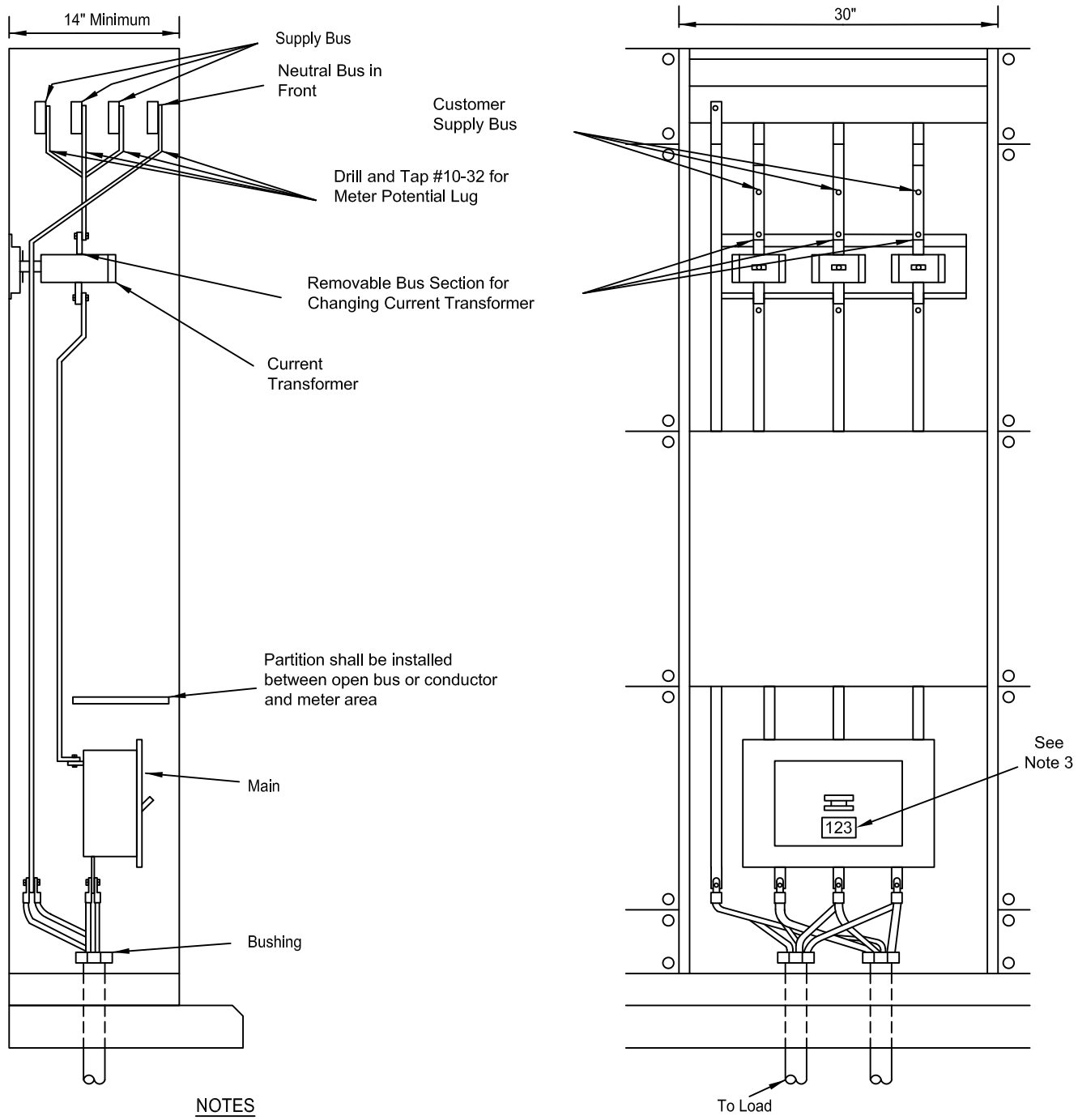
Not to Scale

02/01/20 E

REVISION	Updated Note 3

PNM
METER
STANDARD

Metering with Current Transformer
One Current (Panel Removed)



NOTES

(1) Bond neutral bus, cabinet and meter bases to common ground.
(2) Bond CT secondary meter frames to cabinet and neutral bus.
(3) 1" placards to be used under main disconnect and adjacent to the corresponding socket on a non-removable part of the cabinet. No painted or written identification will be accepted.
(4) If conductors are used instead of bus. They must be kept behind meter board.
(5) Load conductors must leave switchgear through bottom area. NEC does not allow load conductors to exit through line bus area.

REFERENCES

(1) See DS-4-11.0 Maximum Available Fault Currents
(2) See DS-7-16.10 Guard Post
(3) See MS-4-6.0 120/208-277/480V Switchgear

MAINTENANCE ONLY

Base Mount CT Switchgear Metering

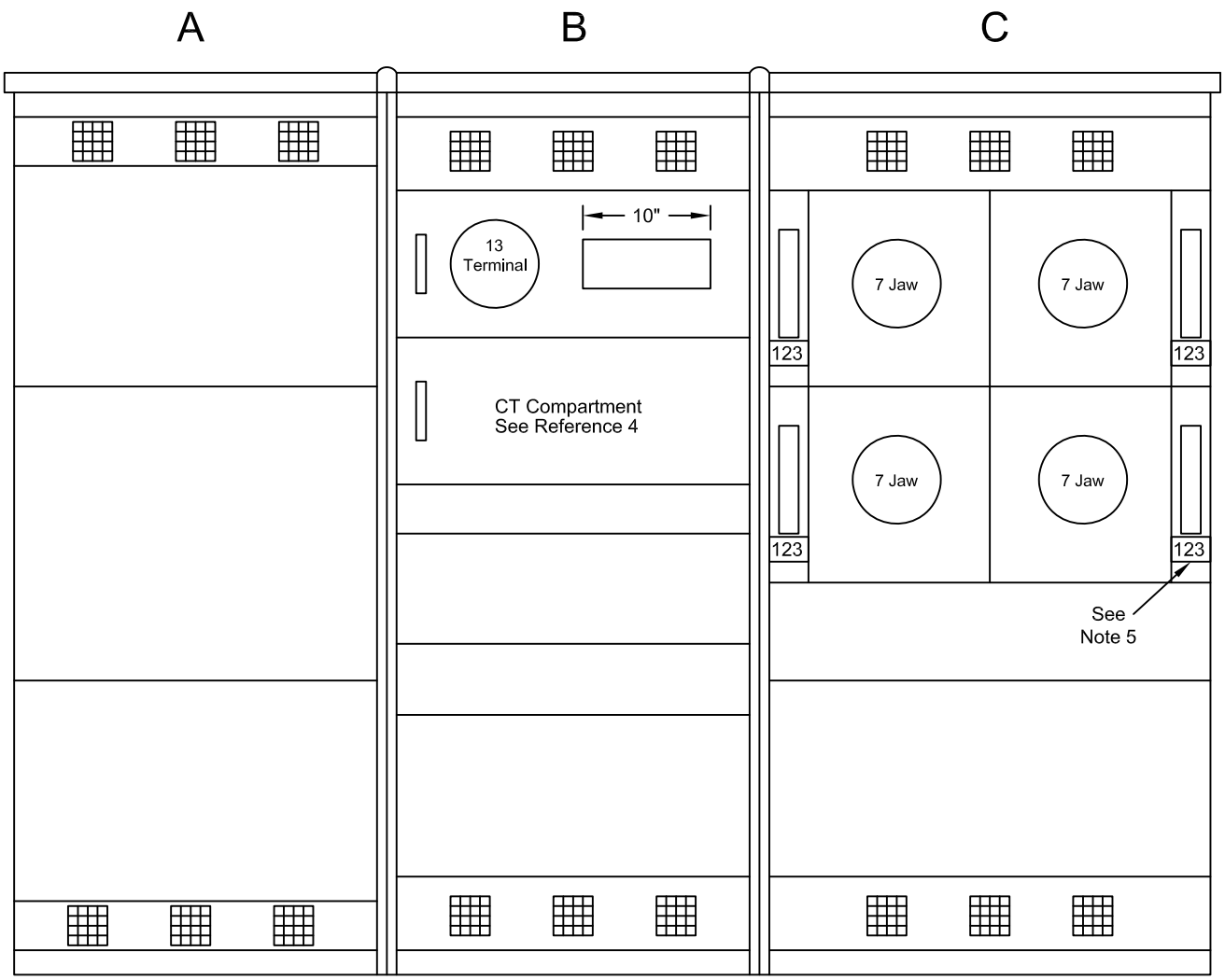
MS-4-10.0

Not to scale

02/01/20

REVISION	Updated Note 5

PNM
METER
STANDARD



NOTES

(1) "A" is a pull section for cables from the padmount transformer. This section could be at either end of switchgear. Main disconnect could be required to meet NEC, state or local codes. Load conductors shall not be allowed in this or bus sections of switchgear.
(2) "B" is for metering customers with loads over 200A.
(3) "C" 200A seven-jaw sockets.
(4) Front panels must be removable and sealable.
(5) 1" placards to be used under main disconnect and adjacent to the corresponding socket on a non-removable part of the cabinet. No painted or written identification will be accepted.
(6) Rain tight housing should be used if switch gear is in unprotected location.
(7) Switchgear metering must have a lockable load side main disconnect.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents
(2) See MS-4-5.0 Raintight Housing for Switchgear and Meter
(3) See MS-4-8.0 Seven-Jaw Socket Switchgear Meter
(4) See MS-4-9.0 Cradle Mount CT Switchgear Metering

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:

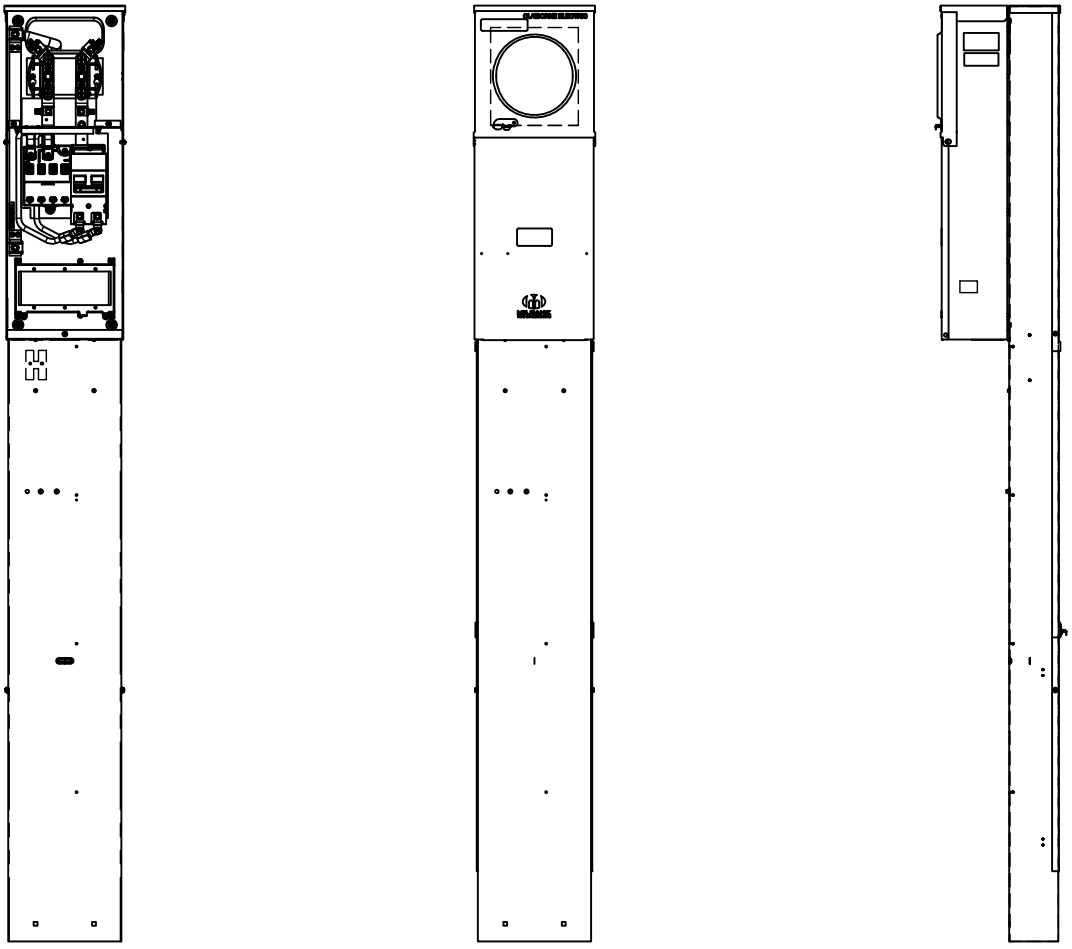
One band for phase one
Two bands for phase two
Three bands for phase three
White tape is suitable for neutral conductors only

120/208 or 277/480V Switchgear Metering MS-4-11.0

Not to Scale 02/01/20 E

REVISION	Updated all required conduit to 3"

PNM
METER
STANDARD



NOTES

(1) Pedestal construction from 14 gauge steel with corrosion resistant finish.
(2) Meter socket minimum rating 125A factory wired in separate wire way from terminal block to meter socket.
(3) For services larger than 125A, a factory rated 200 or 320A pedestal must be used.
(4) Insulated stud terminal block or bus pads to accommodate PNM connections.
(5) Pedestal bonding lug grounding conductor must be continuous to breaker panel grounding terminal.
(6) Termination section to have removable rain tight cover with provision for padlocking. All other removable portions of termination section must be sealable.
(7) Rigid galvanized, schedule 80 PVC or IMC 90° elbow. If plastic conduit is used in place of rigid, it must be encased in 2" of concrete from where it enters metal enclosure, to 18" below ground level. End of elbow conduit run must extend beyond the edge of the concrete foundation.
(8) Contact your new service representative with the meter location and estimated load for more information.
(9) Commercial application for non-critical loads, ie. sprinklers controls and gates. PNM will allow socket without bypass handle.
(10) Allowed on single manufactured and mobile homes ONLY. For mobile home parks see MS-5-4.0.
(11) Ground wire connector and rod per NEC Article 250.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents

Residential Underground Service Entrance Conduit Size
(Internal Diameter)

Service Distance (ft)	*125A Class Meter Socket	200A Class Meter Socket	320A Class Meter Socket
100' or Less	3.0"	3.0"	3.0"
Greater than 100'	3.0"	3.0"	3.0"

- Contact your new service representative with the meter location and estimated load for more information.
- *For manufactured and mobile homes ONLY
- Main breaker larger than 320 Amps See MS-3-7.0

Approved Equipment		
Manufacturer	Item	Mfg Part #
Milbank Square D	200A Ringless Pedestal 200A Ringless Pedestal	U5136-0-200S UHTRP242363

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

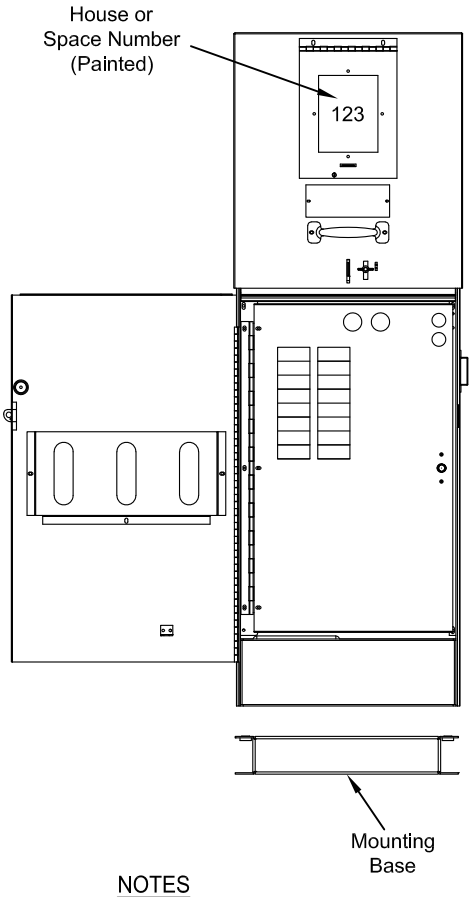
120/240V 125 to 200A Rated Socket Pedestal Meter

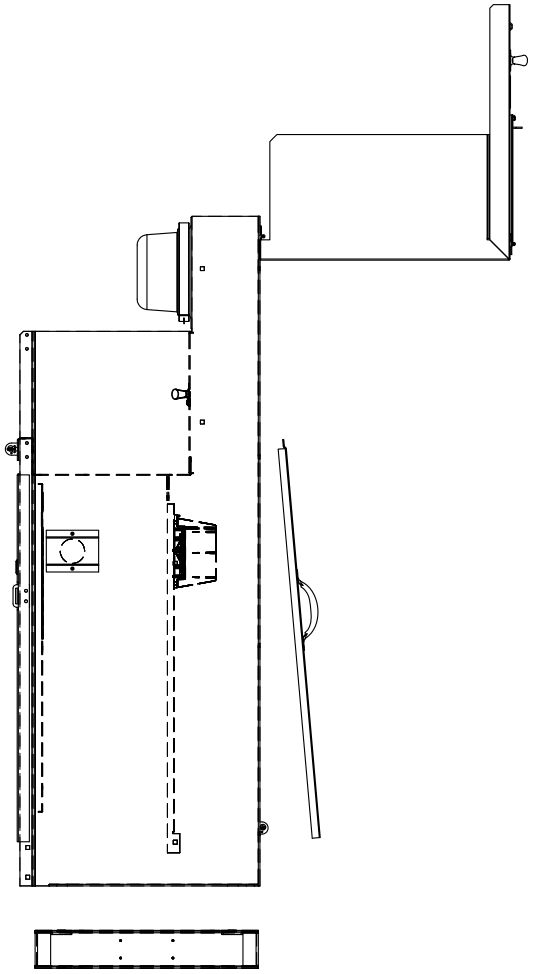
MS-5-1.5
Page 1
12/01/19
E

Not to Scale

REVISION	Updated conduit to 3"

PNM
METER
STANDARD





NOTES

(1) Pedestal construction from 14 gauge steel with corrosion resistant finish.
(2) Meter socket minimum rating 125A factory wired in separate wire way from terminal block to meter socket.
(3) For services larger than 125A, a factory rated 200 or 320A pedestal must be used.
(4) Insulated stud terminal block or bus pads to accommodate PNM connections.
(5) Pedestal bonding lug grounding conductor must be continuous to breaker panel grounding terminal.
(6) Termination section to have removable rain tight cover with provision for padlocking. All other removable portions of termination section must be sealable.
(7) Rigid galvanized, schedule 80 PVC or IMC 90° elbow. If plastic conduit is used in place of rigid, it must be encased in 2" of concrete from where it enters metal enclosure, to 18" below ground level. End of elbow conduit run must extend beyond the edge of the concrete foundation.
(8) Contact your new service representative with the meter location and estimated load for more information.
(9) Commercial application for non-critical loads, ie. sprinklers controls and gates. PNM will allow socket without bypass handle.
(10) Allowed on single manufactured and mobile homes ONLY. For mobile home parks see MS-5-4.0.
(11) Ground wire connector and rod per NEC Article 250.

Residential Underground Service Entrance Conduit Size
(Internal Diameter)

Service Distance (ft)	*125A Class Meter Socket	200A Class Meter Socket	320A Class Meter Socket
100' or Less	3.0"	3.0"	3.0"
Greater than 100'	3.0"	3.0"	3.0"

- Contact your new service representative with the meter location and estimated load for more information.
- *For manufactured and mobile homes ONLY
- Main breaker larger than 320 Amps See MS-3-7.0

Approved Equipment		
Manufacturer	Item	Mfg Part #
Milbank Eaton	200A Ringless Pedestal 200A Ringless Pedestal	U5136-0-200S-10GR MHR200P

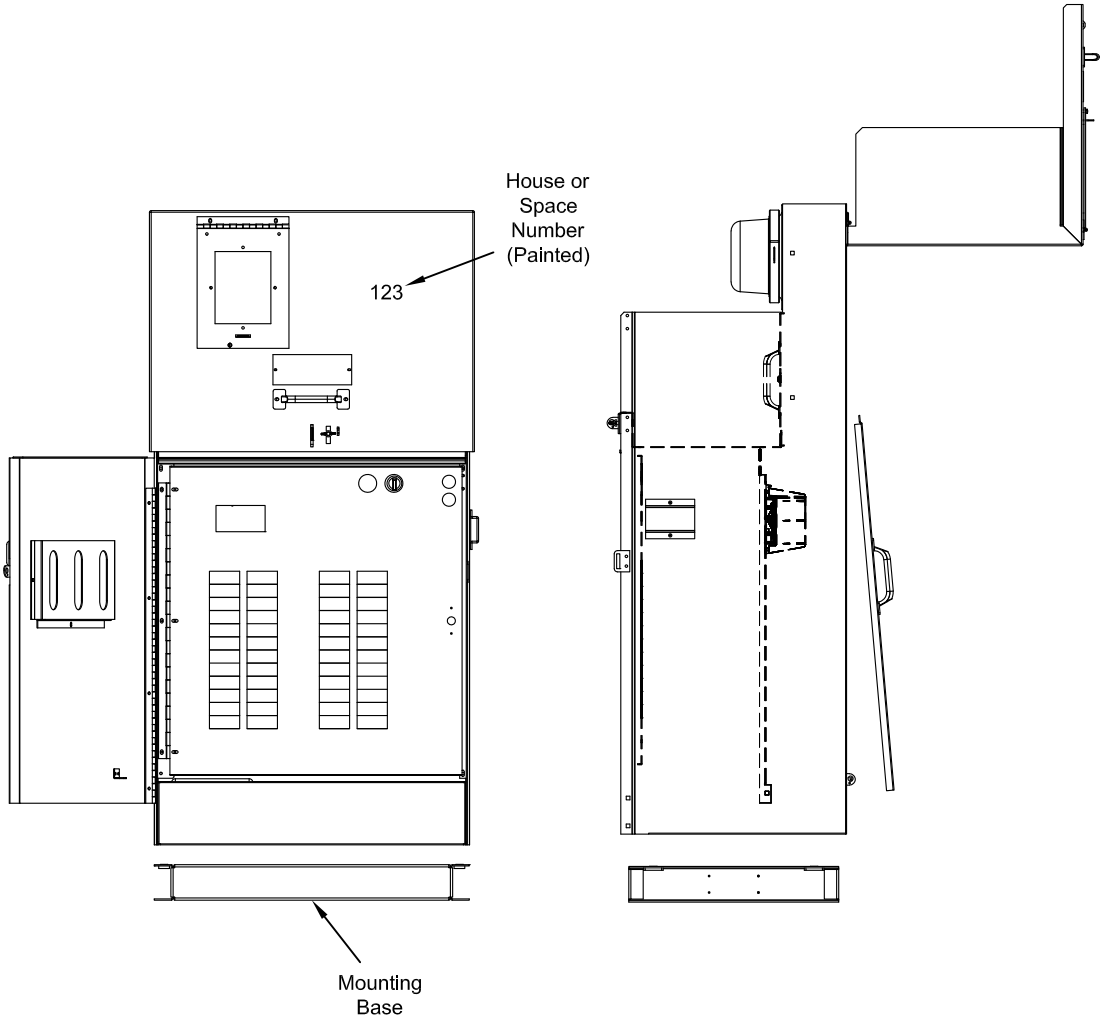
For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents

REVISION	Title change

PNM
METER
STANDARD



NOTES

(1) Pedestal construction from 14 gauge steel with corrosion resistant finish.
(2) Meter socket minimum rating 125A factory wired in separate wire way from terminal block to meter socket.
(3) For services larger than 125A, a factory rated 200 or 320A pedestal must be used.
(4) Insulated stud terminal block or bus pads to accommodate PNM connections.
(5) Pedestal bonding lug grounding conductor must be continuous to breaker panel grounding terminal.
(6) Termination section to have removable rain tight cover with provision for padlocking. All other removable portions of termination section must be sealable.
(7) Rigid galvanized, schedule 80 PVC or IMC 90° elbow. If plastic conduit is used in place of rigid, it must be encased in 2" of concrete from where it enters metal enclosure, to 18" below ground level. End of elbow conduit run must extend beyond the edge of the concrete foundation.
(8) Contact your new service representative with the meter location and estimated load for more information.
(9) Commercial application for non-critical loads, ie. sprinklers controls and gates. PNM will allow socket without bypass handle.
(10) Allowed on single manufactured and mobile homes ONLY. For mobile home parks see MS-5-4.0.
(11) Ground wire connector and rod per NEC Article 250.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents

Approved Equipment		
Manufacturer	Item	Mfg Part #
Milbank	320A Ringless Pedestal	CP3B5411GB22PBSP1

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

Residential Underground Service Entrance Conduit Size
(Internal Diameter)

Service Distance (ft)	320A Class Meter Socket
100' or Less	3"
Greater than 100'	3"

- Contact your new service representative with the meter location and estimated load for more information.
- *For manufactured and mobile homes ONLY
- Main breaker larger than 320 Amps See MS-3-7.0

120/240V 320A Pedestal Meter

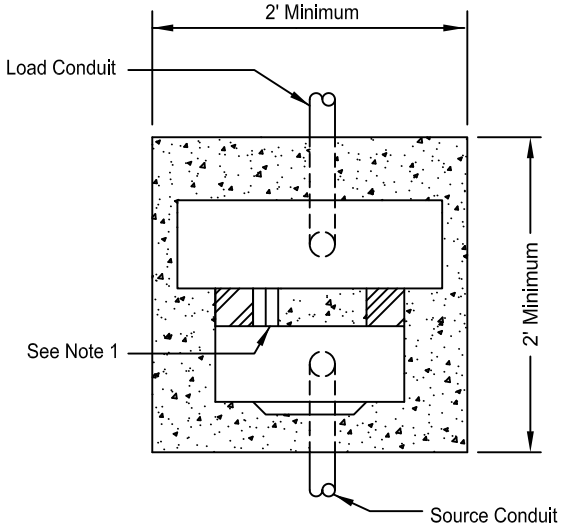
MS-5-2.0

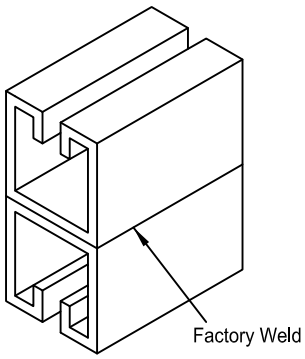
Not to Scale

12/01/19 E

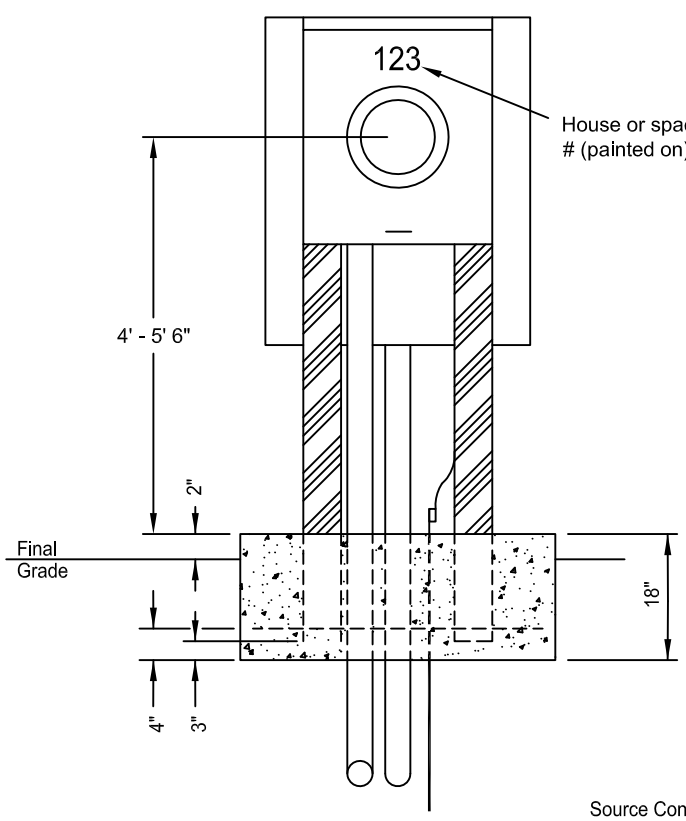
REVISION	Modified height to 4' - 5' 6"

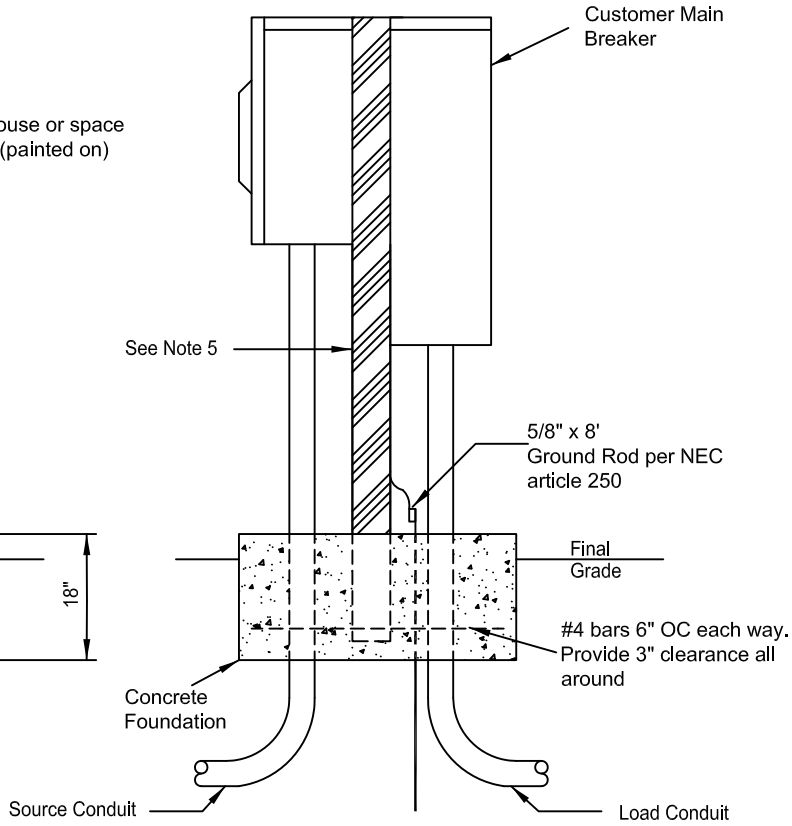
PNM
METER
STANDARD





P1001 Unistrut Detail





NOTES

(1) Use rigid nipple between meter socket and main breaker.
(2) Equipment shall be securely attached to support members either bolted directly or mounted to metal channel or unistrut cross members.
(3) Rigid galvanized, Schedule 80 PVC or IMC conduit shall be used for source and load conduits. No junction box or cable trough is permitted ahead of the metering encloser.
(4) Guard posts will be required in traffic areas. As specified.
(5) Acceptable support members are as follows:
    3" x 3" $\frac{1}{2}$" Angle
    3" x 4.1 lbs/ft Channel
    2" x 2" $\frac{3}{16}$" Box Steel
    2 $\frac{1}{2}$" Standard Pipe
    P1001 Unistrut (See Steel Detail)

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents
(2) See DS-7-16.10 Guard Post
(3) See MS-2-2.0 120/240V 125/200A Permanent Overhead and Underground Single-Phase Meter Socket
(4) See MS-2-5.0 120/240V 200A Single-Phase Meter Socket with Bypass
(5) See MS-2-6.0 120/208 Wye or 120/240 Delta 200A Three-Phase Four-Wire Wye or Delta Meter Socket with Bypass

Permanent Single-Phase or Three-Phase Pedestal Meter

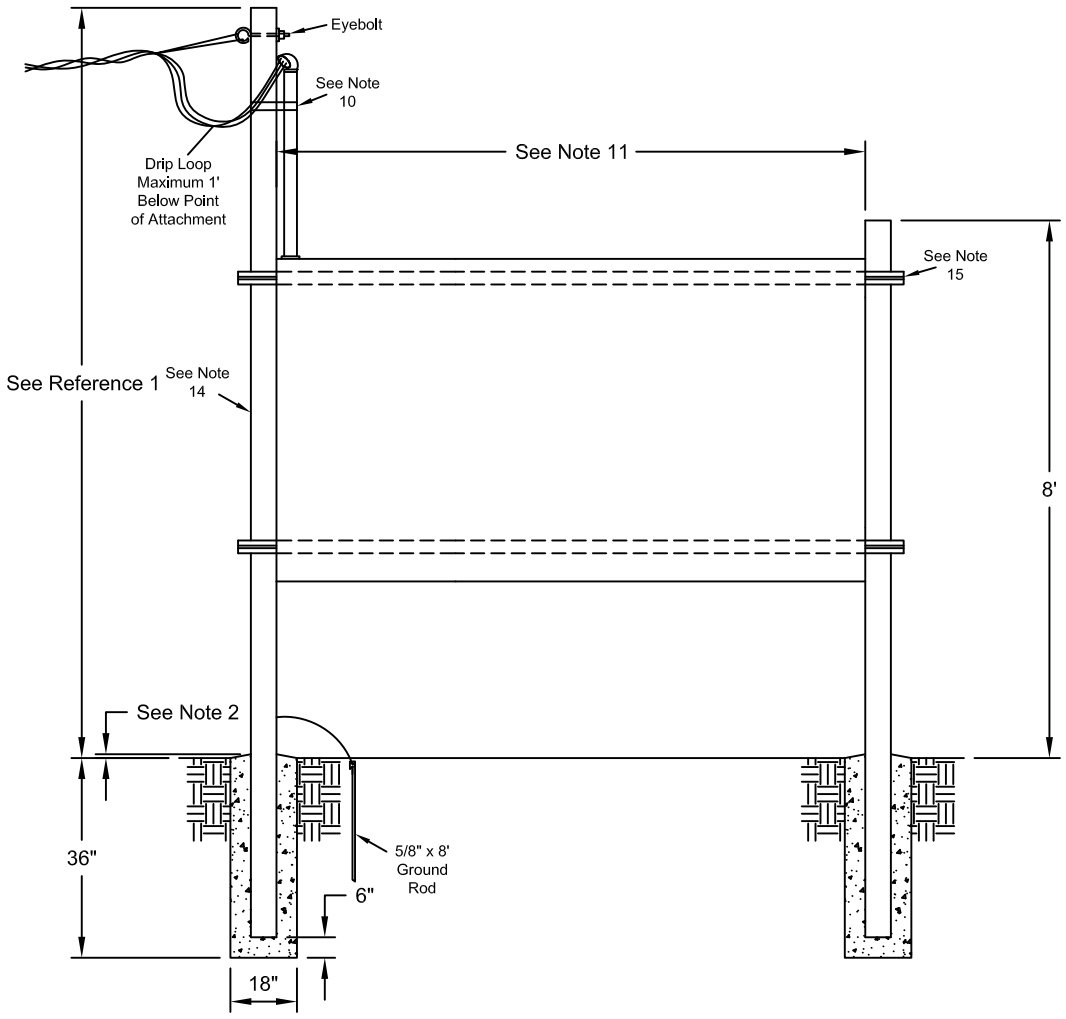
MS-5-3.0

Not to Scale

05/01/17 E

REVISION	Added Note 16

PNM
METER
STANDARD



NOTES

(1) Line duct must be rigid galvanized, IMC or EMT.
(2) Concreted to be 1" above grade and tapered from post to ground.
(3) Main disconnect may be required on the line side of any group of more than six meter sets to meet NEC, state, or local codes.
(4) Top meter shall be a maximum of 4' - 5' 6" from finished grade bottom meter shall be minimum of 30" from finished grade.
(5) PNM requires a minimum of 48" between front of above enclosures and any wall or obstruction.
(6) All line feed sections shall be lockable and sealable by PNM.
(7) All units shall be complete with sockets and breakers at the time of initial set of first meter.
(8) Guard posts will be required in traffic areas.
(9) Contact PNM customer service representative for height of service attachment point if service crosses driveways. Areas subject to vehicle traffic are specified herein for 12' attachment height. Higher attachment may require different supports.
(10) Pipe strap shall be firmly attached to support member at intervals of 30" minimum.
(11) If separation between support members is greater than 6' an additional center support of the same material will be required.
(12) Metering installations shall be located along the front lot line. Contact PNM Electric Service delivery to coordinated a meter spot.
(13) 480V can be used for Mobile Home Park and apartments.
(14) Approved materials for support members:
2 ½" Pipe (min), 3" x 3" - ½" Angle Iron, 2" x 2" - 3/16" Box Steel. Capped or filled with concrete.
(15) Approved material for backing:
P1000 Unistrut Welded, ⅛" Plate Steel Welded and Painted.
(16) PNM requires this gang metering Field Built Structure per MS-5-4.0 for new/upgrades to Mobile Home Parks. Please consult with you PNM representative before installing metering equipment in Mobile home Parks.

REFERENCES

(1) See DS-4-4.5 Minimum Point of Attachment Height for Service Drop Cables
(2) See DM-4-11.0 Maximum Available Fault Currents

Approved Equipment		
Manufacturer	Item	Mfg Part #
Eaton	200A OH/UG Ringless # Position	1MP*****
Siemens	225A OH/UG Ringless # Position	WP4 *12RJ
Siemens	225A OH/UG Ringless # Position, 600A Buss	WP6 *12RJ
Siemens	225A OH/UG Ringless # Position, 800A Buss	WP8 *12RJ
Siemens	225A OH/UG Ringless # Position, 1000A Buss	WP10 *12RJ
Square D	200A OH/UG Ringless # Position	MPR4*200
Square D	225A OH/UG Ringless # Position	EZMR11*225
Square D	225A OH/UG Ringless # Position	EZMR31*225

* There are various catalog #'s available for # of positions

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

Three-Phase or Single-Phase, Overhead or Underground Field Build Structure

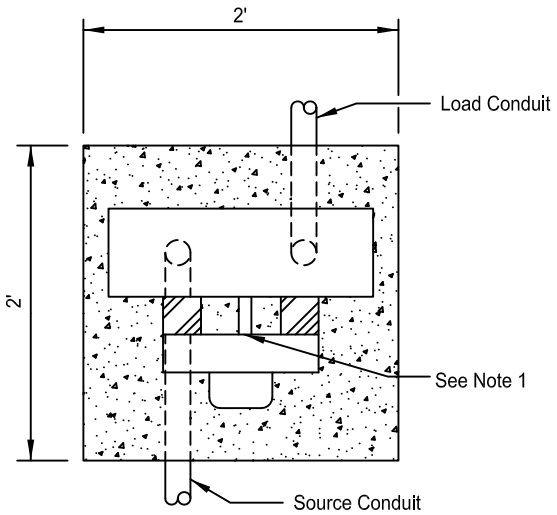
MS-5-4.0

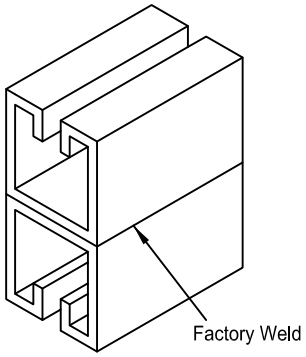
Not to scale

05/01/19 E

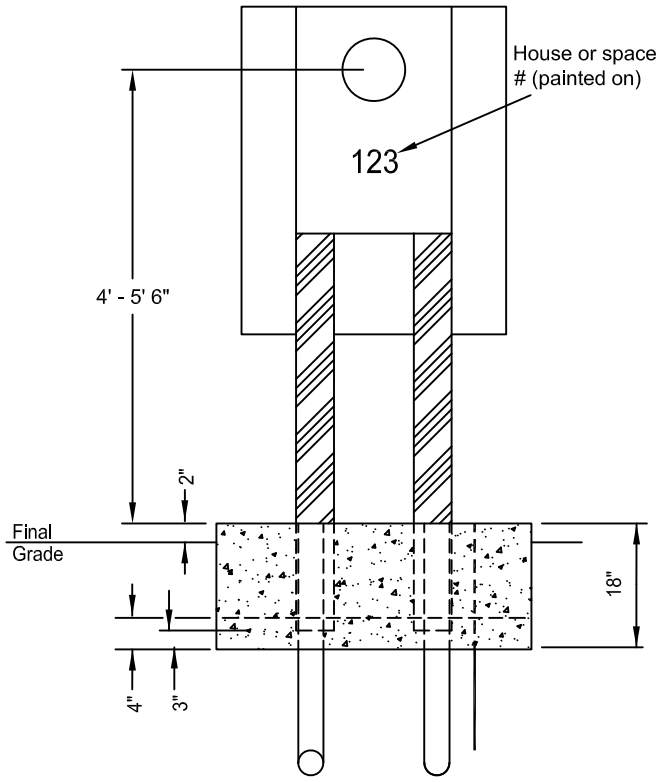
REVISION	Changed title from 400 to 200, updated Reference 4

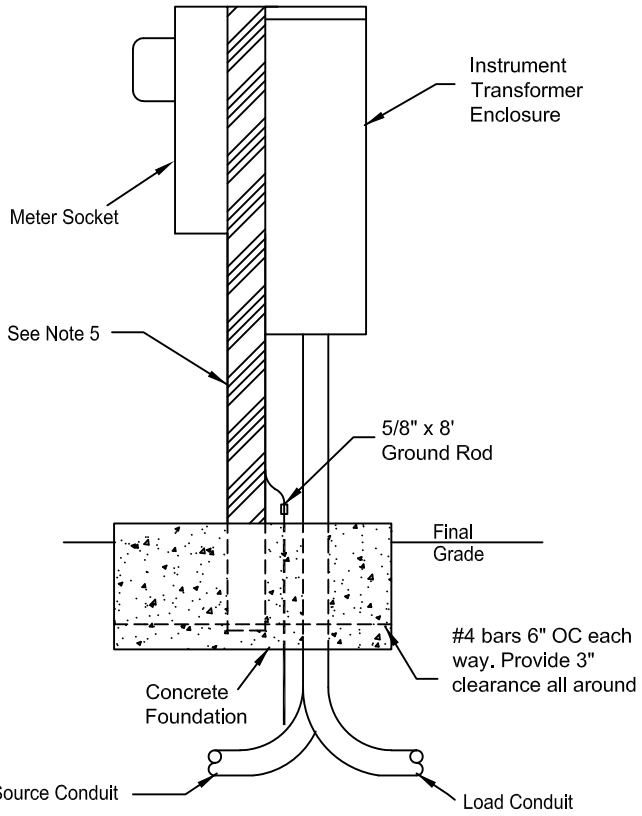
PNM
METER
STANDARD





P1001 Unistrut Detail





NOTES

(1) Use 1" rigid nipple between instrument transformer enclosure and meter enclosure for secondary wiring.
(2) Enclosures shall be securely attached to support members either bolted directly or mounted to metal channel or unistrut cross members.
(3) Rigid galvanized, Schedule 80 PVC or IMC conduit shall be used for source and load conduits. No junction box or cable trough is permitted ahead of the metering enclosure.
(4) Guard posts will be required in traffic areas as specified.
(5) Acceptable support members are as follows:
    3" x 3" $\frac{1}{2}$" Angle
    3" x 4.1 lbs/ft Channel
    2" x 2" $\frac{3}{16}$" Box Steel
    2 $\frac{1}{2}$" Standard Pipe
    P1001 Unistrut (See Steel Detail)

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents
(2) See DS-7-16.10 Guard Post
(3) See MS-2-7.0 Three-Phase Thirteen-Terminal CT Meter Socket
(4) See MS-3-3.0 Recording Meter Instrument Transformer Enclosure

Over 200A Permanent Three-Phase Pedestal Meter

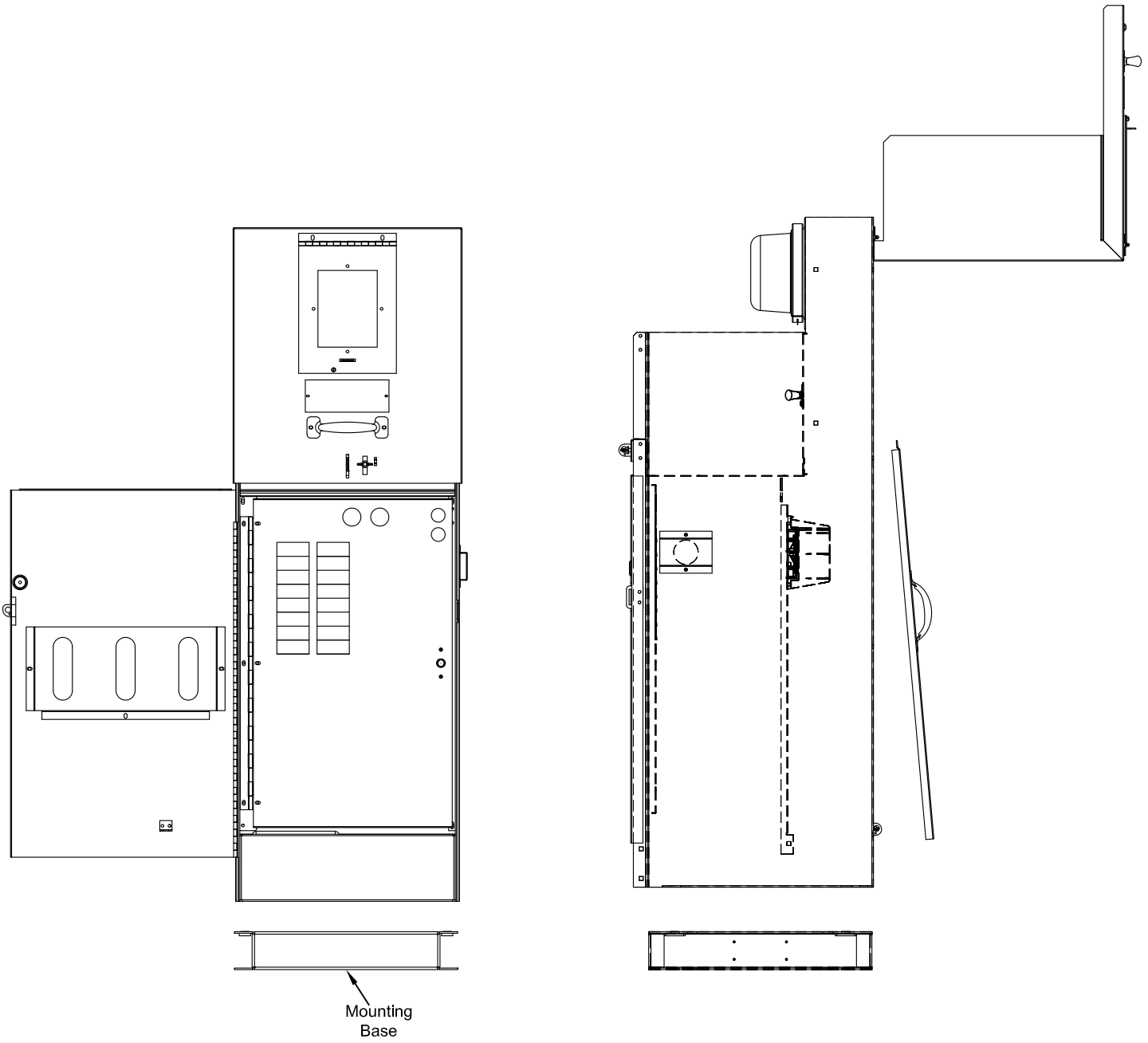
MS-5-5.0

Not to Scale

05/01/18 E

REVISION	Added second approved Milbank

PNM
METER
STANDARD



NOTES

(1) Four 5/8 x 18" anchor bolts recommended.
(2) Recommend 3" minimum foundation extension all sides.
Recommend 6" minimum depth.
(3) Minimum 36" clearance required per NEC 110-16 typical front/back.
(4) Service ONLY Three-wire 240V

REFERENCES

(1) See DM-4-11.0 Maximum Available Fault Currents

Approved Equipment		
Manufacturer	Item	Mfg Part #
Milbank	Ringless Pedestal with Bypass	CP3B51115A22
Milbank	Ringless Pedestal with Bypass	CP3B5111TA22
TESCO	Ringless Pedestal with Bypass	27000

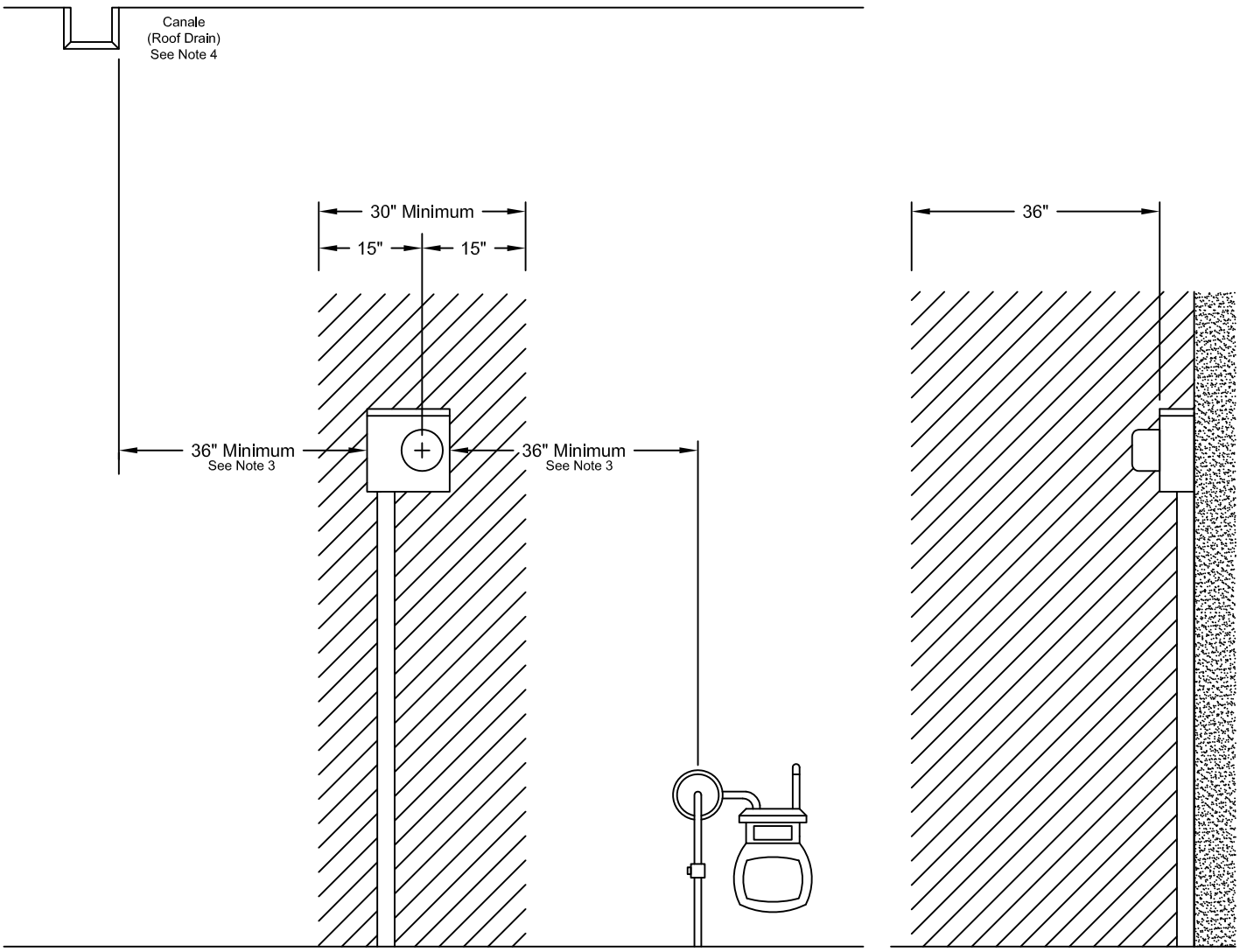
For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

240V Single-Phase Commercial Pedestal Meter MS-5-6.0

Not to Scale 05/01/18 E

REVISION	Removed riser from Note 3

PNM
METER
STANDARD



NOTES

(1) Shaded area is considered working space and shall be kept clear of all obstacles (including landscaping) to permit ready and safe operation and maintenance of the service equipment.
(2) Electric meter shall be protected with extended curbs or ballards (guard posts) in traffic areas to maintain working space.
(3) Clearance from gas regulator, canales (roof drains) is 36" minimum.
(4) This drawing is to be used for dimensioning purposes only. Canales (roof drains) are NOT allowed to be installed over gas meters.

REFERENCES

(1) NEC 110-16 Working Space
(2) See DS-7-16.10 Guard Post

Underground or Overhead Working Space for Electric Meter

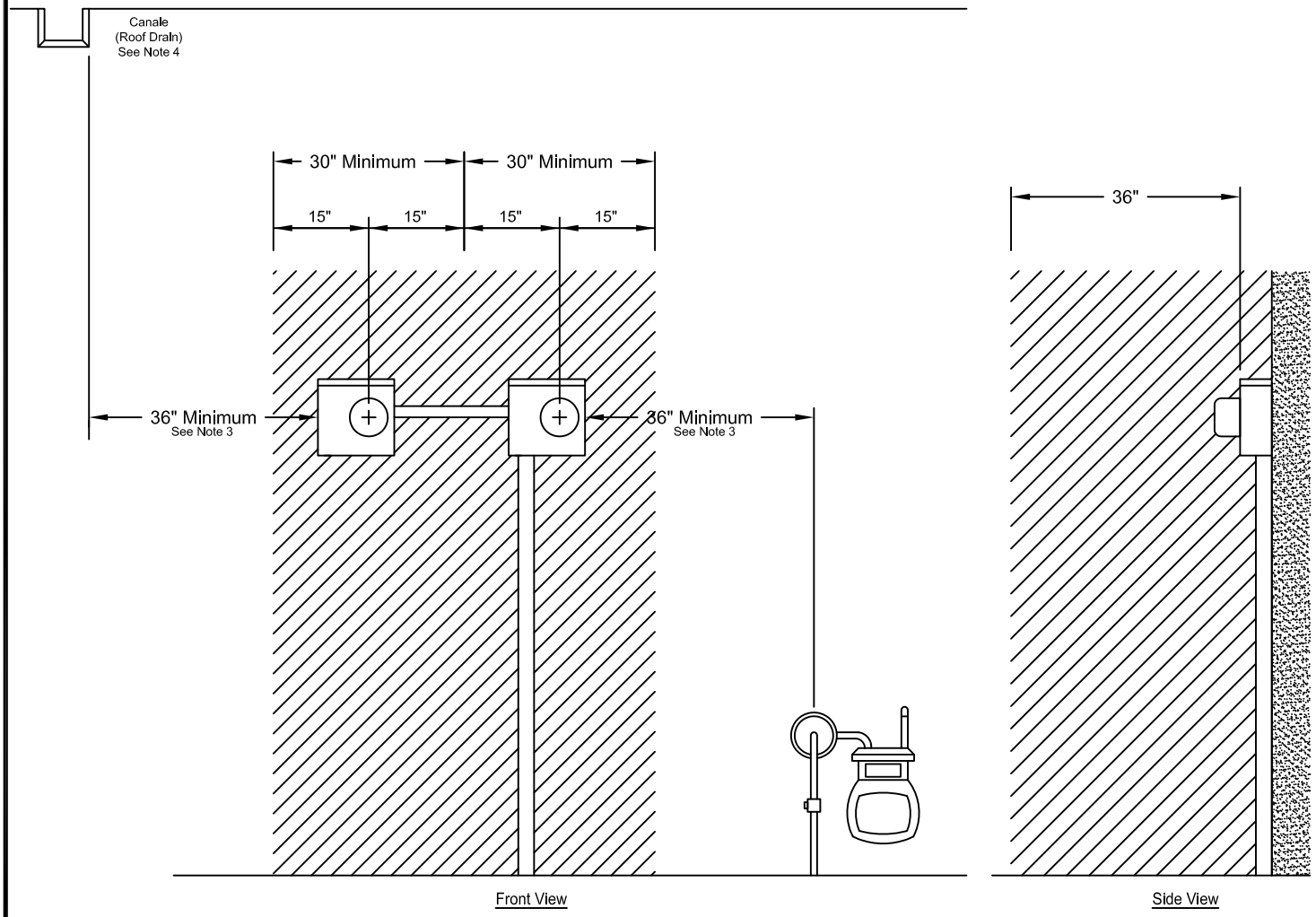
MS-7-1.0

Not to Scale

08/01/13 E

REVISION	New Drawing

PNM
METER
STANDARD



NOTES

(1) Shaded area is considered working space and shall be kept clear of all obstacles (including landscaping) to permit ready and safe operation and maintenance of the service equipment.
(2) Electric meter shall be protected with extended curbs or ballards (guard posts) in traffic areas to maintain working space.
(3) Clearance from gas regulator, canales (roof drains) is 36" minimum.
(4) This drawing is to be used for dimensioning purposes only. Canales (roof drains) are NOT allowed to be installed over gas meters.

REFERENCES

(1) NEC 110-16 Working Space
(2) See DS-7-16.10 Guard Post

Underground or Overhead Working Space for REC Meter

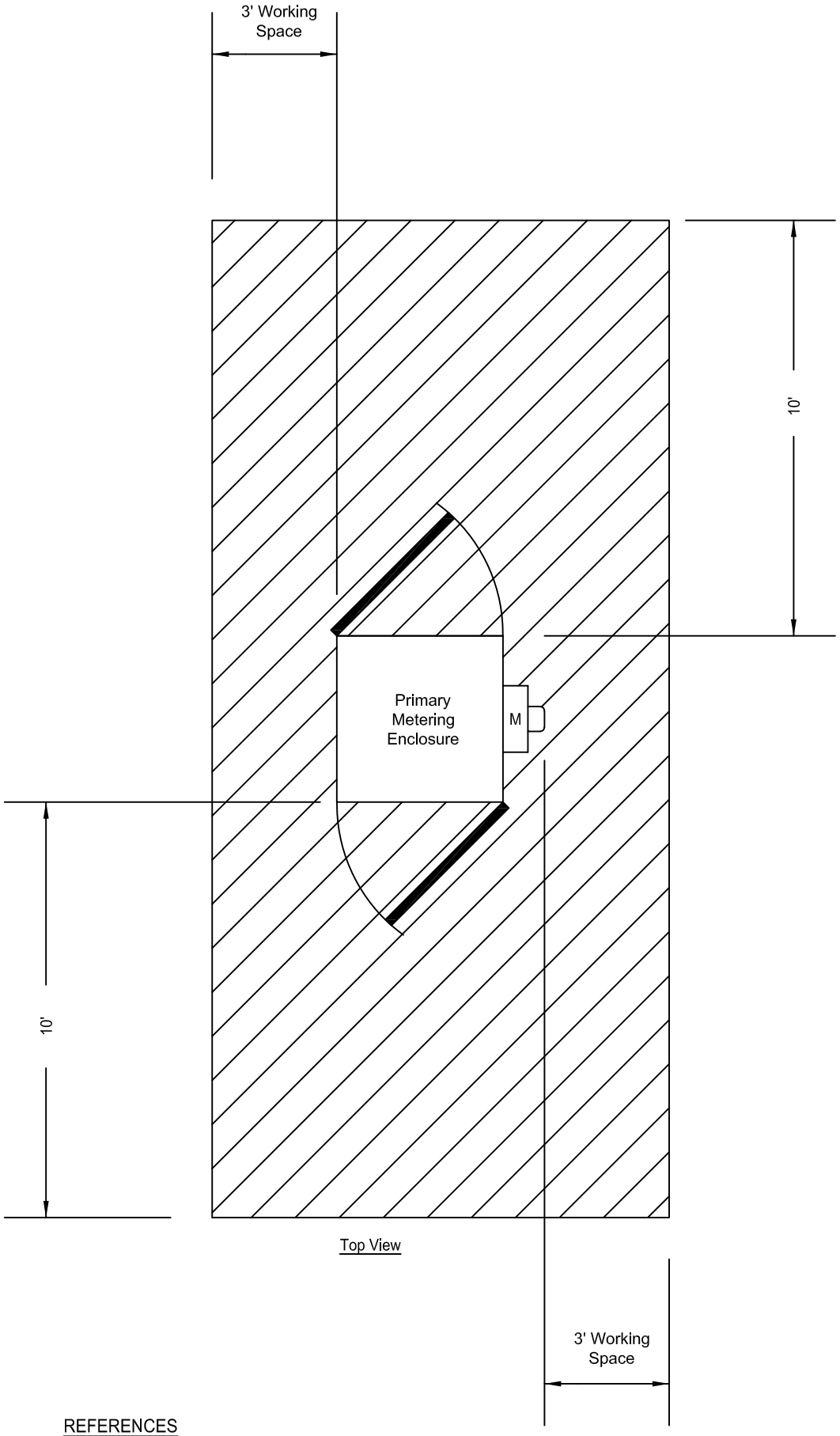
MS-7-1.5

Not to Scale

05/01/14 E

REVISION	Modified title

PNM
METER
STANDARD



Top View

REFERENCES

(1) See MS-3-16.0 120/208-277/480V Enclosure Pad
(2) See MS-3-21.0 7900/12470V CT and PT Meter Enclosure Pad

Working Space Required for Primary Meter Enclosure MS-7-2.0

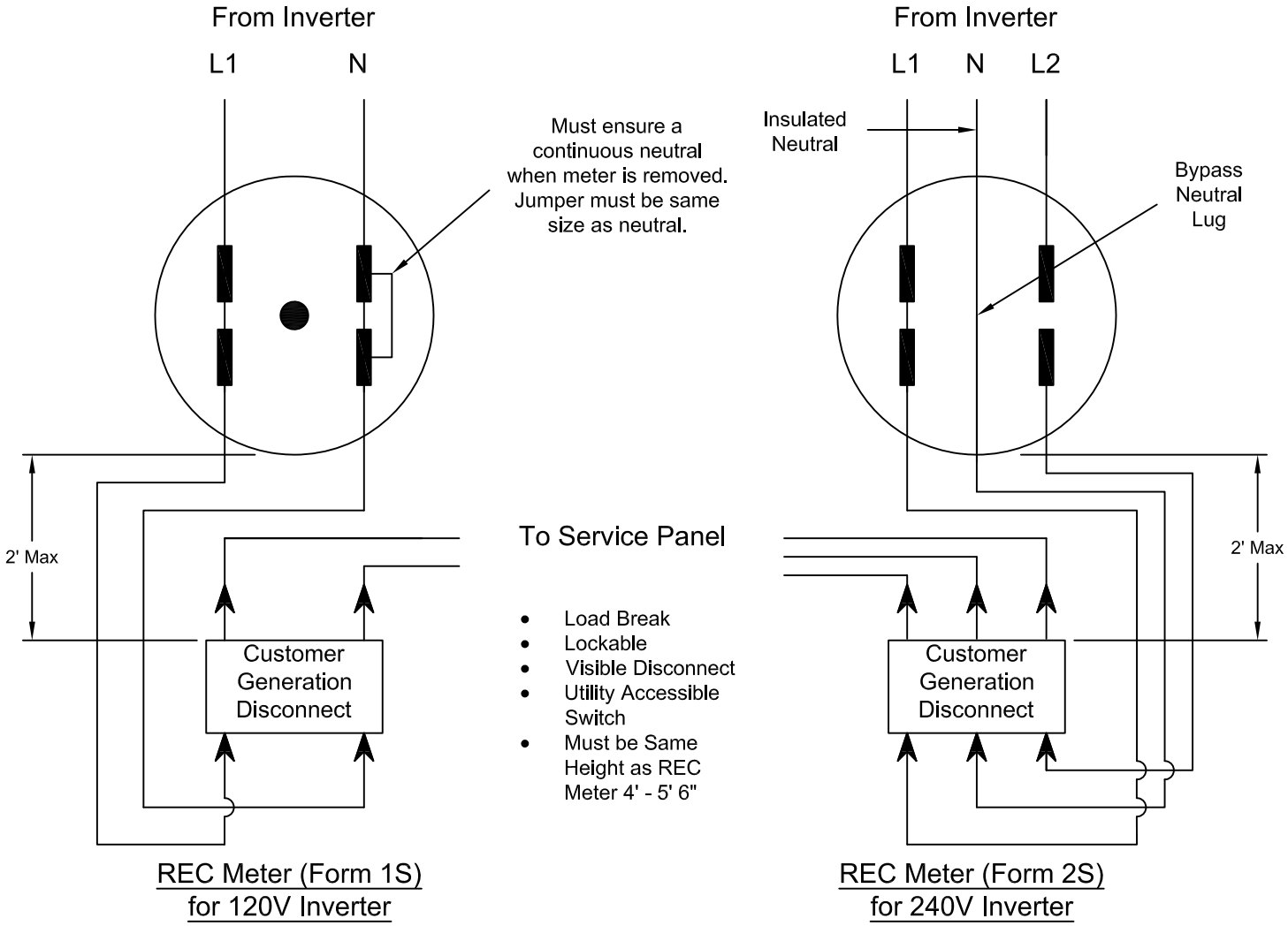
Not to Scale 11/01/18 E

REVISION	Modified height to 4' - 5' 6"

DIAGRAM DISCLAIMER

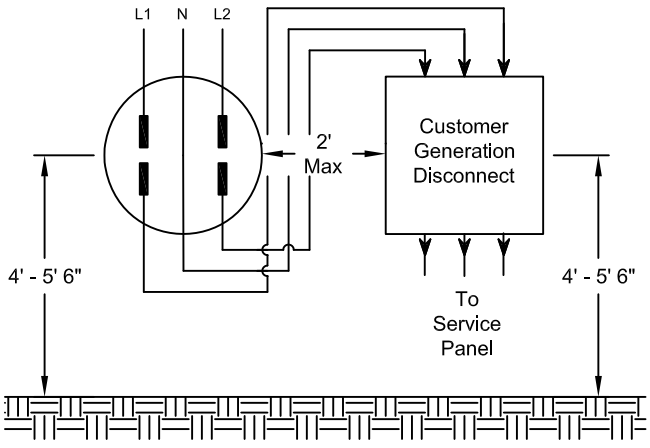
Connections Shown are for Illustrative Purposes Only
This sketch is intended to be used for illustrative purpose only.
This sketch is not intended to provide an NEC compliant
electrical design or directives for full NEC compliance.

PNM
METER
STANDARD



REC Meter (Form 1S)
for 120V Inverter

REC Meter (Form 2S)
for 240V Inverter



NOTES

(1) Check with your new service representative if you have a special voltage requirements.
(2) Do not bond the neutral to the meter case. Ground the meter case with an equipment grounding conductor or by metallic conduit.
(3) A REC meter cannot be installed in a Multiple Meter Center.
(4) If supply side connection, Customer Generation Disconnect must be service entrance rated.
(5) 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.

REC Meter Base

MS-8-1.0

Not to Scale

Standard 120/240V Meter Base - Neutral NOT Bonded

05/01/17 E

REVISION	Modified height to 4' - 5' 6"

DIAGRAM DISCLAIMER

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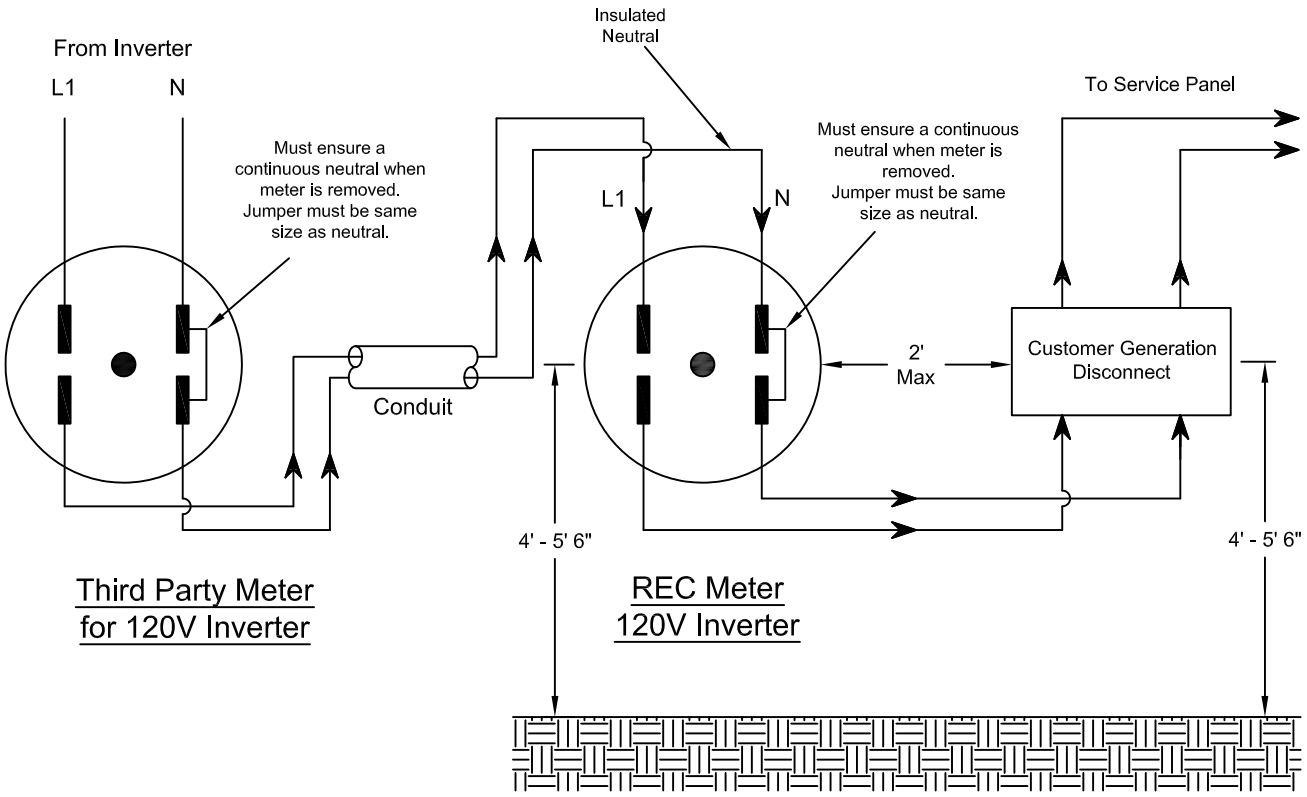
electrical design or directives for full NEC compliance.

PNM
METER
STANDARD

- Load Break
- Lockable
- Visible Disconnect
- Utility Accessible Switch
- Must be Same Height as REC Meter 4' - 5' 6"



NOTES

(1) Check with your new service representative if you have a special voltage requirements.
(2) Do not bond the neutral to the meter case. Ground the meter case with an equipment grounding conductor or by metallic conduit.
(3) A REC meter cannot be installed in a Multiple Meter Center.
(4) If supply side connection, Customer Generation Disconnect must be service entrance rated.
(5) 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.

Third Party Meter with REC Meter Base
Standard 120V Meter Base

MS-8-1.1

Not to Scale

05/01/17 E

REVISION	Modified height to 4' - 5' 6"

DIAGRAM DISCLAIMER

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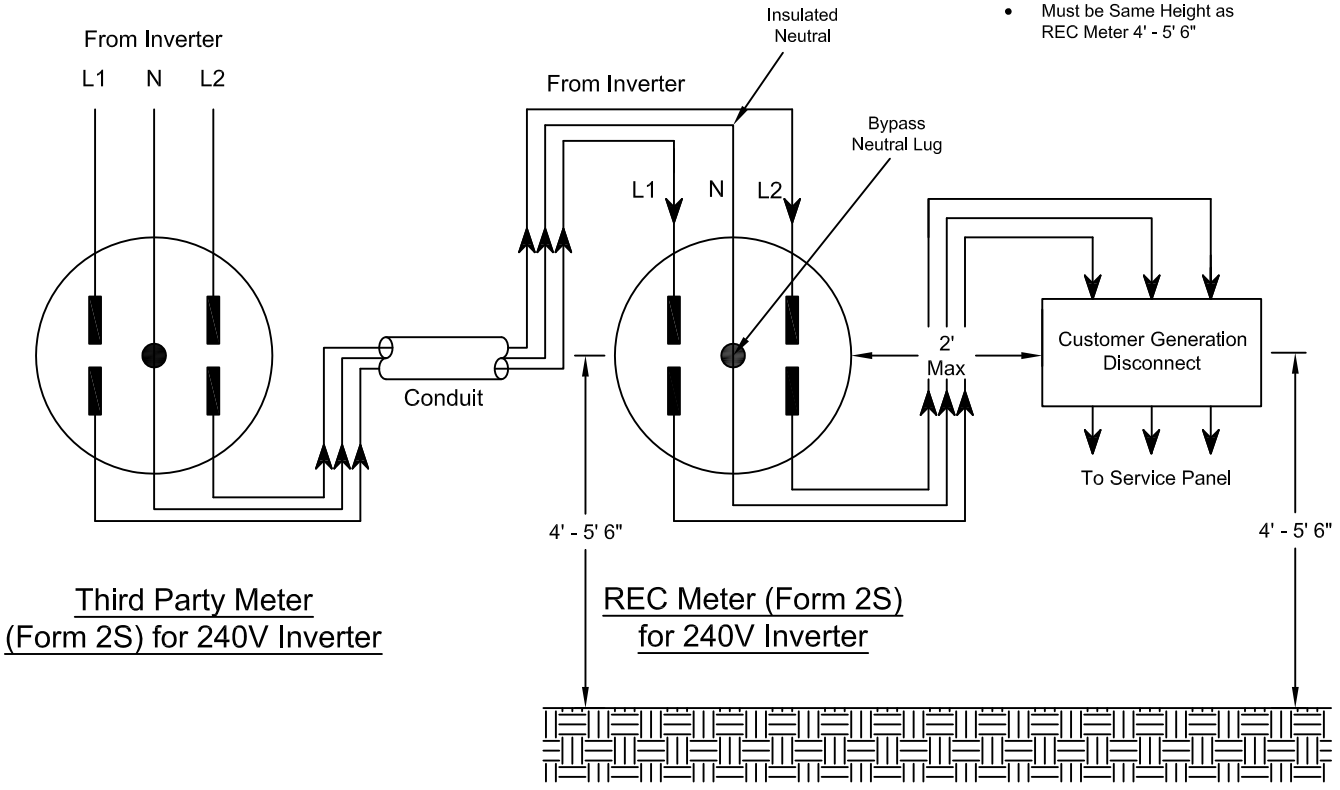
This sketch is not intended to provide an NEC compliant
electrical design or directives for full NEC compliance.

PNM
METER
STANDARD

- Load Break
- Lockable
- Visible Disconnect
- Utility Accessible Switch
- Must be Same Height as REC Meter 4' - 5' 6"



Third Party Meter
(Form 2S) for 240V Inverter

REC Meter (Form 2S)
for 240V Inverter

NOTES

(1) Check with your new service representative if you have a special voltage requirements.
(2) Do not bond the neutral to the meter case. Ground the meter case with an equipment grounding conductor or by metallic conduit.
(3) A REC meter cannot be installed in a Multiple Meter Center.
(4) If supply side connection, Customer Generation Disconnect must be service entrance rated.
(5) 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.

Third Party Meter with REC Meter Base
Standard 240V Meter Base - Neutral NOT Bonded

MS-8-1.2

Not to Scale

05/01/17 E

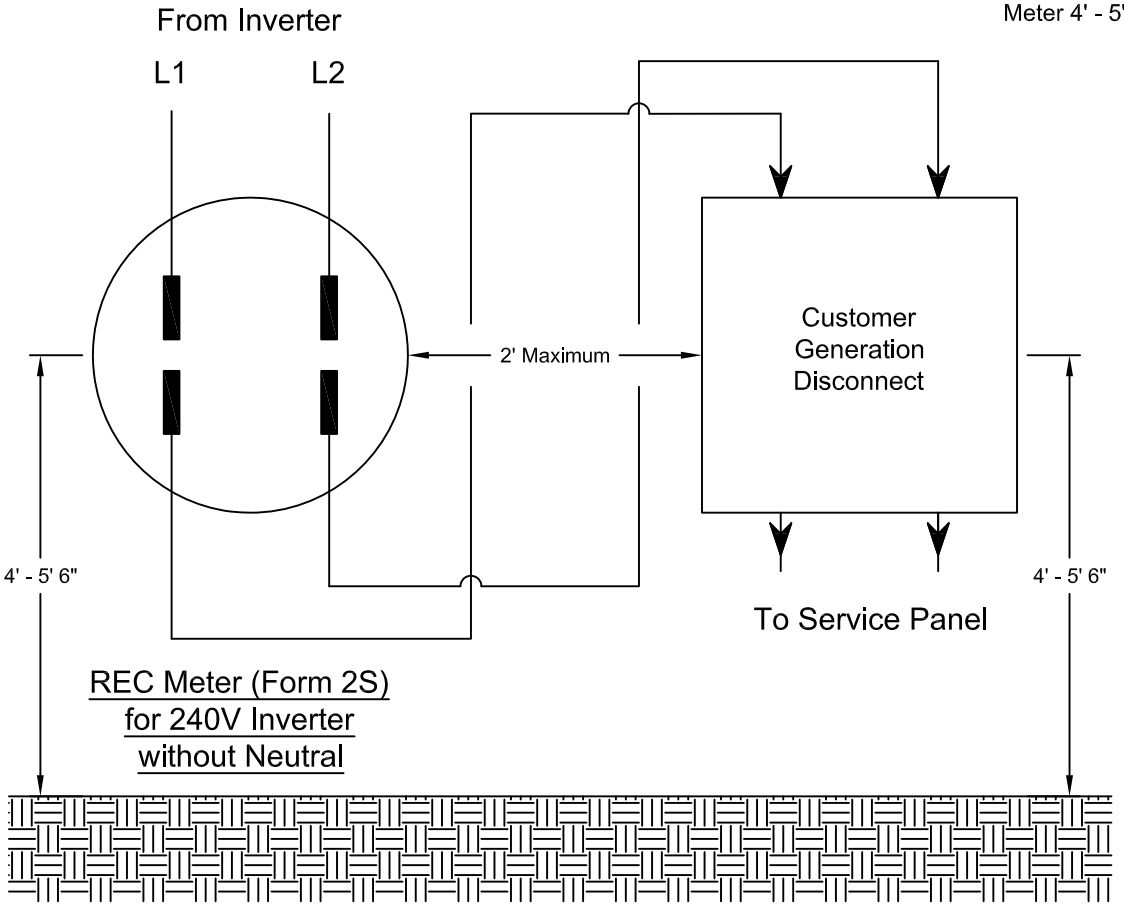
REVISION	Modified height to 4' - 5' 6"

DIAGRAM DISCLAIMER

Connections Shown are for Illustrative Purposes Only
This sketch is intended to be used for illustrative purpose only.
This sketch is not intended to provide an NEC compliant
electrical design or directives for full NEC compliance.

PNM
METER
STANDARD

- Load Break
- Lockable
- Visible Disconnect
- Utility Accessible Switch
- Must be Same Height as REC Meter 4' - 5' 6"



NOTES

(1) Check with your new service representative if you have special voltage requirements.
(2) A REC meter cannot be installed in a Multiple Meter Center.
(3) If supply side connection, Customer Generation Disconnect must be service entrance rated.
(4) 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.

REC Meter Base
Standard 240V Meter Base without Neutral

MS-8-1.5

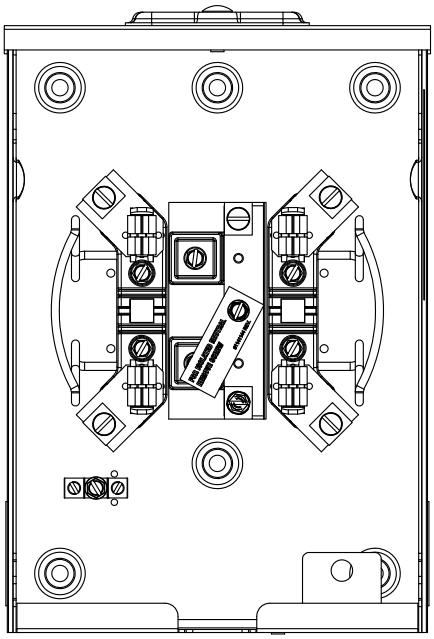
Not to Scale

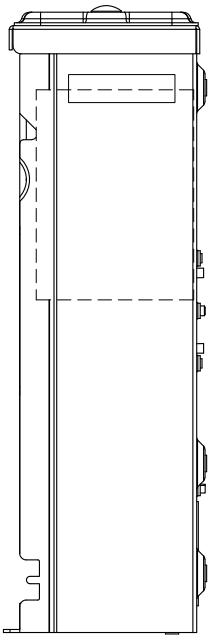
05/01/17 E

REVISION	Updated title, added Square D to Approved Equipment

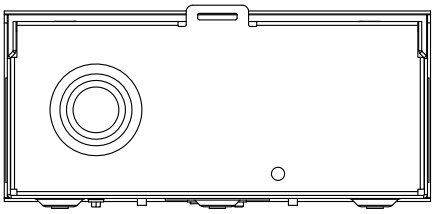
PNM
METER
STANDARD

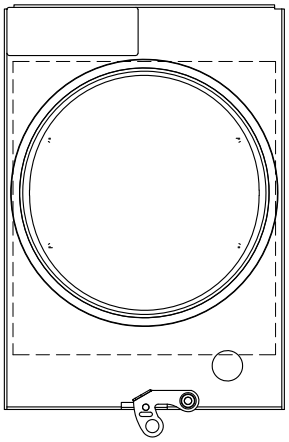
A





A





NOTES

(1) Socket to be Underwriters Laboratory (UL) listed and same as, or similar to the above drawings.
(2) Connections for terminating service conductors are the lay-in type.
(3) Service duct to enter at point "A"
(4) 120/240V Overhead and customer owned underground or overhead and underground temporary service only.
(5) Meter shall be 4' - 5' 6" from finished grade.
(6) Prior approval is required by Meter Department for all non-standard meter sockets.
(7) Commercial application for non-critical loads, i.e. sprinkler control and gates. PNM will allow socket without bypass handle.
(8) PNM does not permit a trough ahead of meter socket.
(9) 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.

REFERENCES

(1) See DS-4-6.0 120/240V Underground Service Pole
(2) See DS-4-8.0 Overhead Permanent/Temporary Single-Phase or Temporary Three-Phase Service Pole
(3) See DS-4-9.0 Underground Residential Customer-Owned Service
(4) See DM-4-11.0 Maximum Available Fault Current
(5) See MS-8-1.0 REC Meter Base Standard 120/240V Meter Base-Neutral NOT Bonded
(6) See MS-8-1.5 REC Meter Base Standard 240V Meter Base without Neutral

Approved Equipment		
Manufacturer	Item	Mfg Part #
Square D Milbank	125A UG Ringless Socket 100A OH/UG Ringless Socket	UTRS101B U5934-XL-BLG

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

120/240V 100-150A Single-Phase REC Meter Socket for Renewable Systems 10 kW or Less

MS-8-2.0

Not to Scale

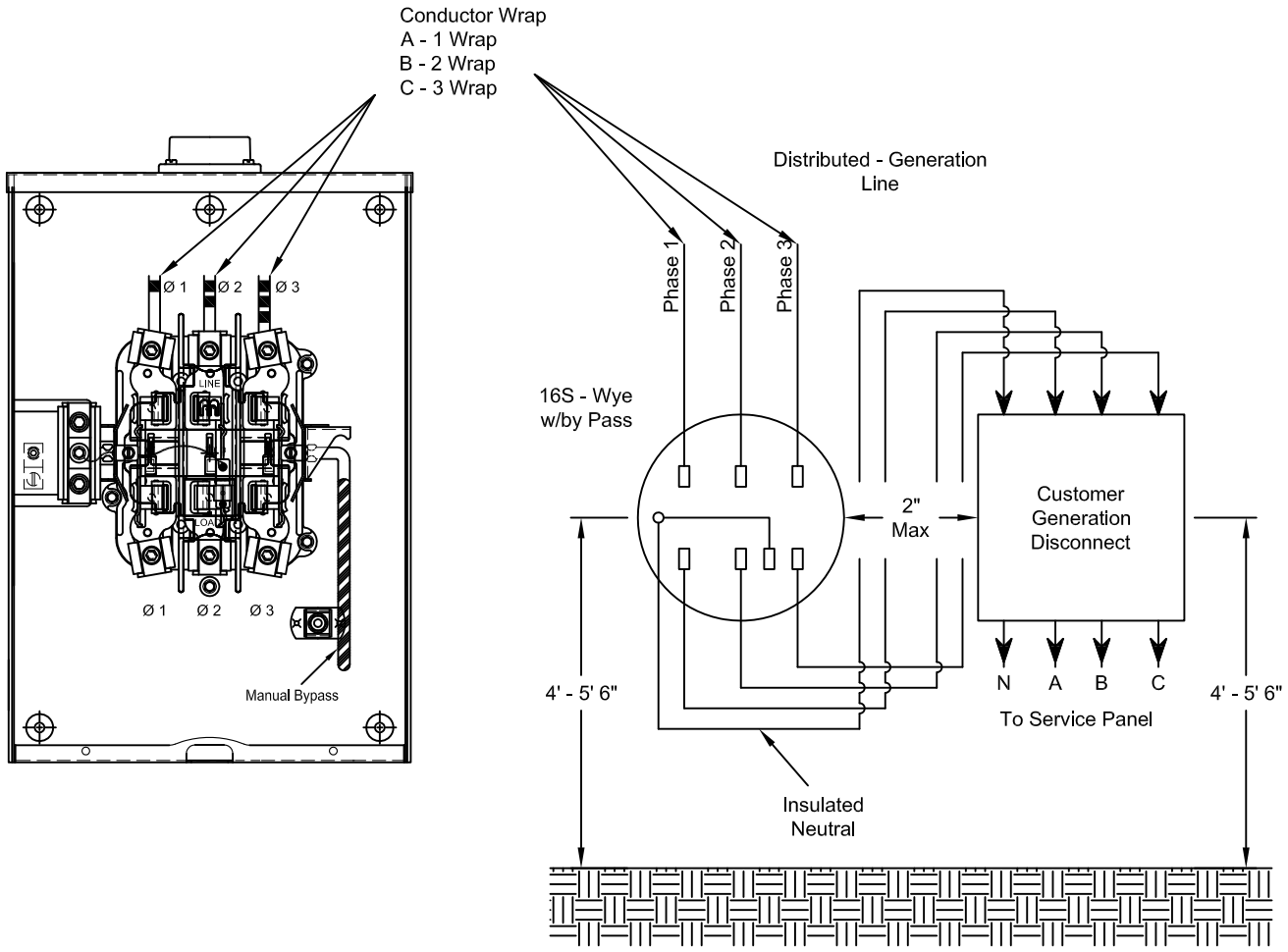
08/01/19 E

REVISION	Modified height to 4' - 5' 6"

PNM METER STANDARD

- Load Break
- Lockable
- Visible Disconnect
- Utility Accessible Switch
- Must be Same Height as REC Meter 4' - 5' 6"

In the socket and at the weatherhead the colors green or white are not permitted to mark permanently phases one, two and three.



NOTES

(1) Check with your new service representative if you have special voltage requirements.
(2) To remove the meter first open Customer-Generation Disconnect and then remove the meter.
(3) If supply side connection, Customer Generation Disconnect must be service entrance rated.
(4) Must have three phase outputs.
(5) 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.

Approved Equipment		
Manufacturer	Item	Mfg Part #
Durham	200A OH Socket	UT-H7203B
Durham	200A OH/UG Socket	UT-H7213
Landis & Gyr	200A OH Socket	HQ7-400701F
Landis & Gyr	200A UG Socket	HQ7U-400701F
Milbank	200A OH/UG Socket	U9701-RXL

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

277/480V, 120/208V Four-Wire Ground Wye
1 Inverter, 3 Outputs without Neutral

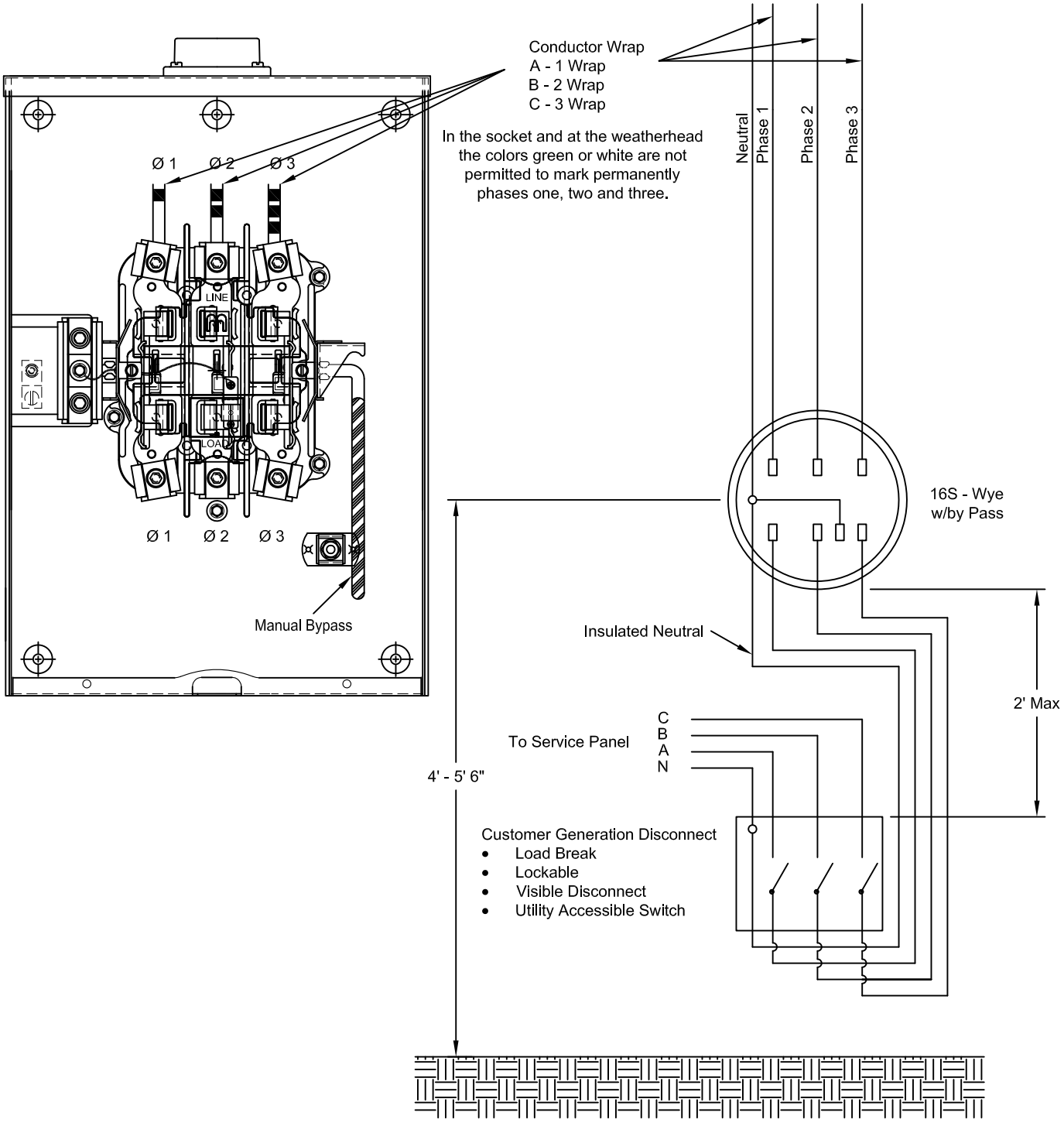
MS-8-3.0

Not to Scale

05/01/17 E

REVISION	Modified height to 4' - 5' 6"

PNM
METER
STANDARD



NOTES

(1) Check with your new service representative if you have special voltage requirements.
(2) To remove the meter first open Customer-Generation Disconnect and then remove the meter.
(3) If supply side connection, Customer Generation Disconnect must be service entrance rated.
(4) Must have three phase outputs.
(5) 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.

Approved Equipment		
Manufacturer	Item	Mfg Part #
Durham	200A OH Socket	UT-H7203B
Durham	200A OH/UG Socket	UT-H7213
Landis & Gyr	200A OH Socket	HQ7-400701F
Landis & Gyr	200A UG Socket	HQ7U-400701F
Milbank	200A OH/UG Socket	U9701-RXL

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

277/480V, 120/208V Four-Wire Ground Wye
1 Inverter, 3 Outputs with Neutral

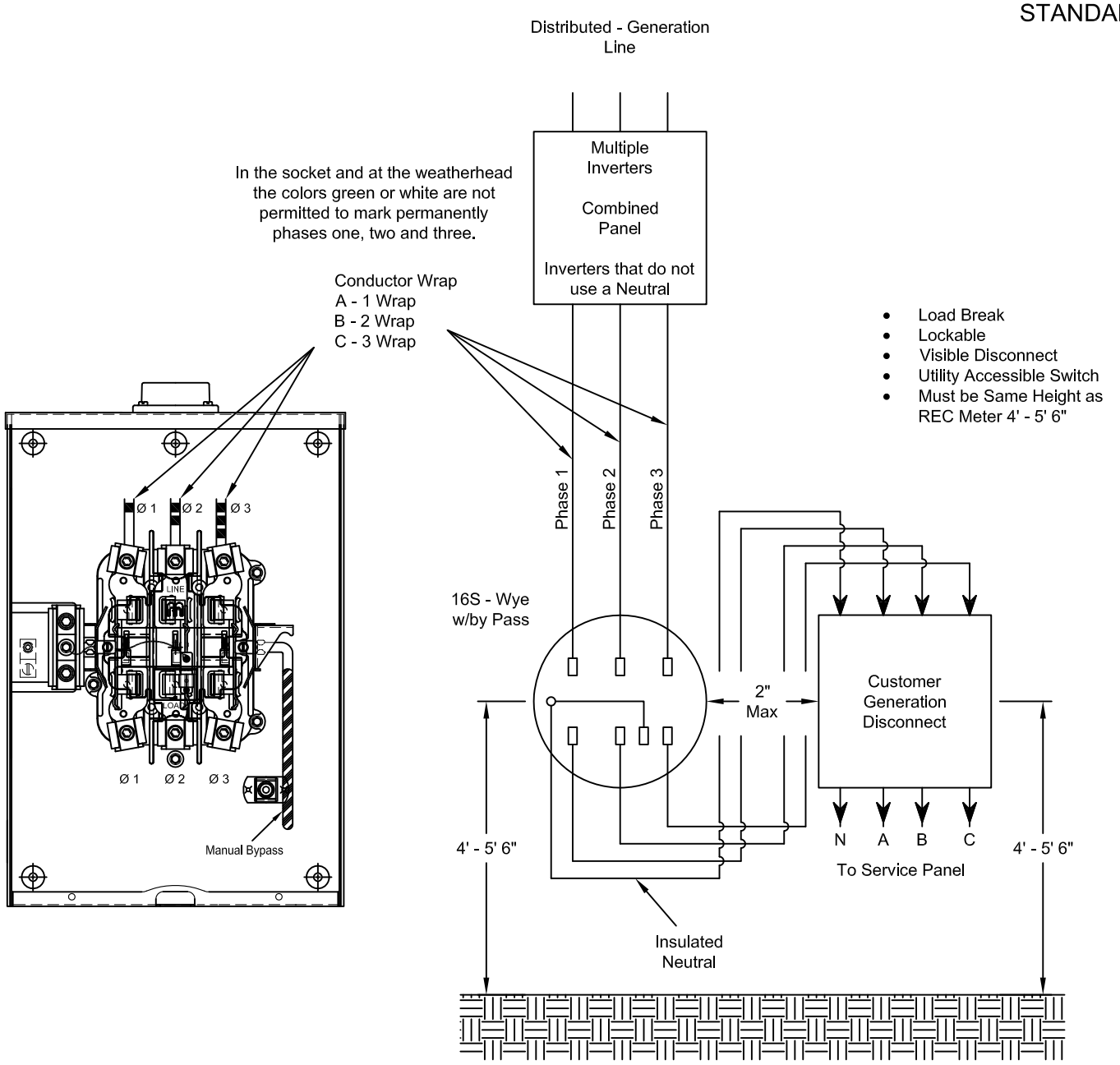
MS-8-3.3

Not to Scale

05/01/17 E

REVISION	Modified height to 4' - 5' 6"

PNM
METER
STANDARD



NOTES

(1) Check with your new service representative if you have special voltage requirements.
(2) To remove the meter first open Customer-Generation Disconnect and then remove the meter.
(3) If supply side connection, Customer Generation Disconnect must be service entrance rated.
(4) Must have three phase outputs.
(5) 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.

Approved Equipment		
Manufacturer	Item	Mfg Part #
Durham	200A OH Socket	UT-H7203B
Durham	200A OH/UG Socket	UT-H7213
Landis & Gyr	200A OH Socket	HQ7-400701F
Landis & Gyr	200A UG Socket	HQ7U-400701F
Milbank	200A OH/UG Socket	U9701-RXL

For ease of checking service without interruption, PNM will no longer allow ring meter sockets as of 12/01/2013.

277/480V, 120/208V Four-Wire Ground Wye
3 Inverters, 3 Outputs with Neutral

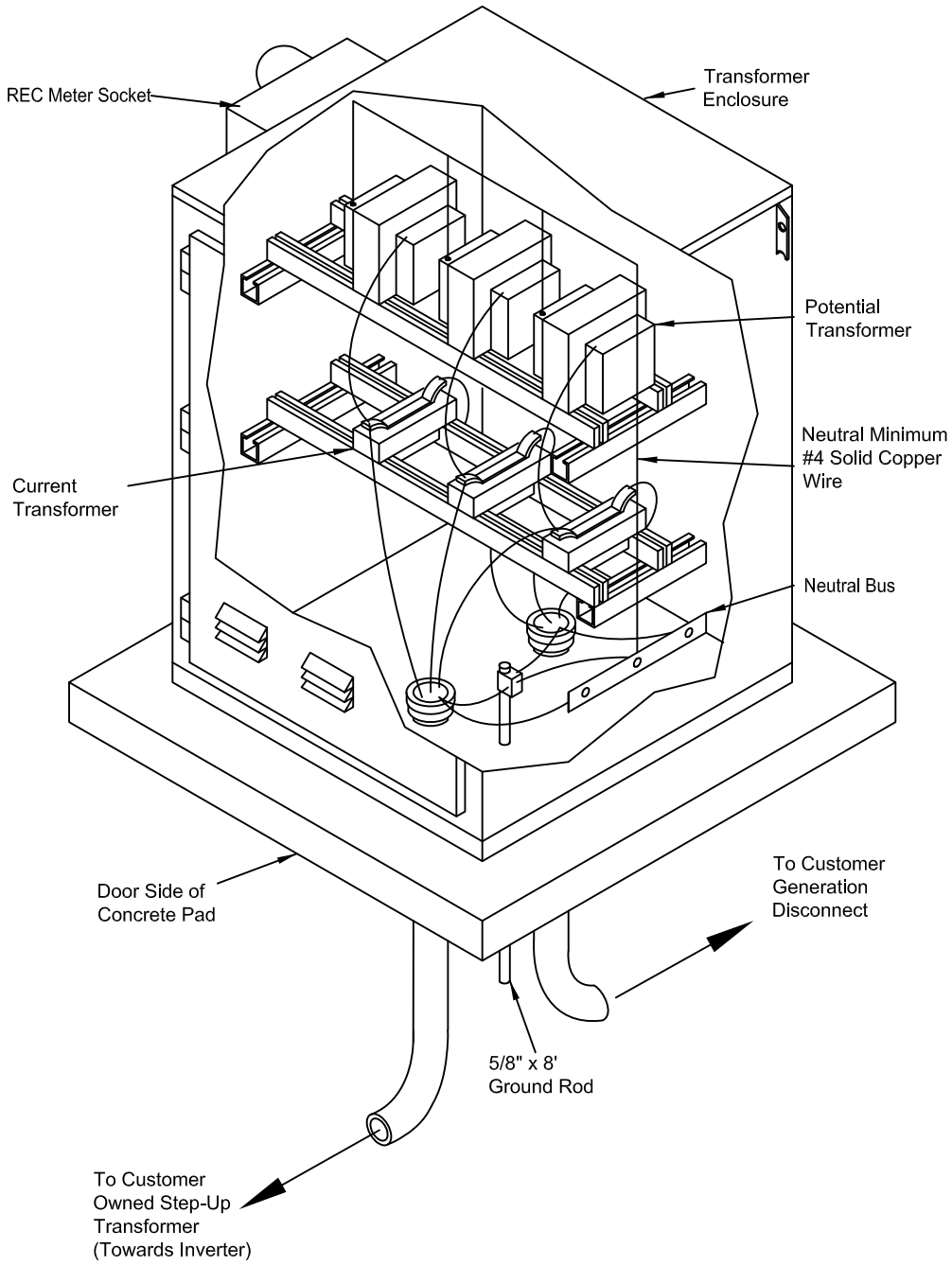
MS-8-3.7

Not to Scale

05/01/17 E

REVISION	Added Note 5

PNM
METER
STANDARD



NOTES

(1) Customer will furnish both meter socket and CT enclosure and deliver to PNM.
(2) 15 kV cable shown as heavy lines.
(3) Minimum clearance between 15 kV non-shielded cable and ground is 7 1/2".
(4) Customer will furnish and install 4" rigid galvanized or IMC duct and concrete pad.
(5) Metering and instrument cabinets shall not e 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.

REFERENCES

(1) See MS-1-22.0 2400/4160-7200/12470V Wye Primary Meter
(2) See MS-2-7.0 Three-Phase Thirteen-Terminal Socket for CT Meter
(3) See MS-3-17.0 7200/12470V CT and PT Meter Enclosure
(4) See MS-3-20.0 7200/12470V CT and PT Meter Enclosure Mounts
(5) See MS-3-21.0 7200/12470V CT and PT Meter Enclosure Pad

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.

7200/12470V Primary REC Meter Enclosure

MS-8-5.0

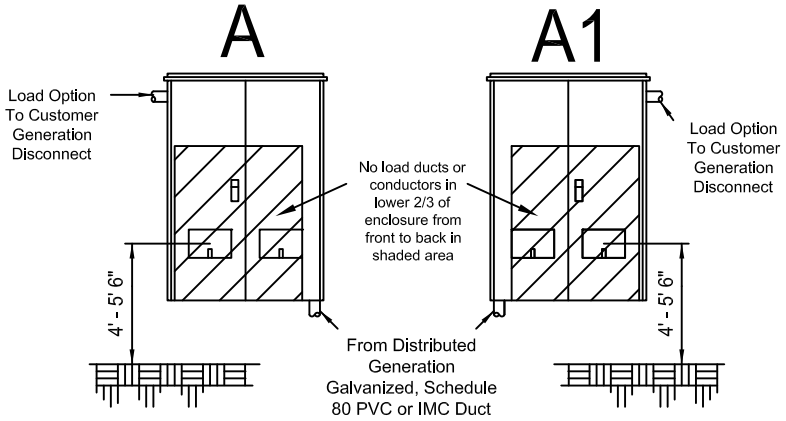
Not to Scale

11/01/14 E

REVISION	Modified height to 4' - 5' 6"

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.

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

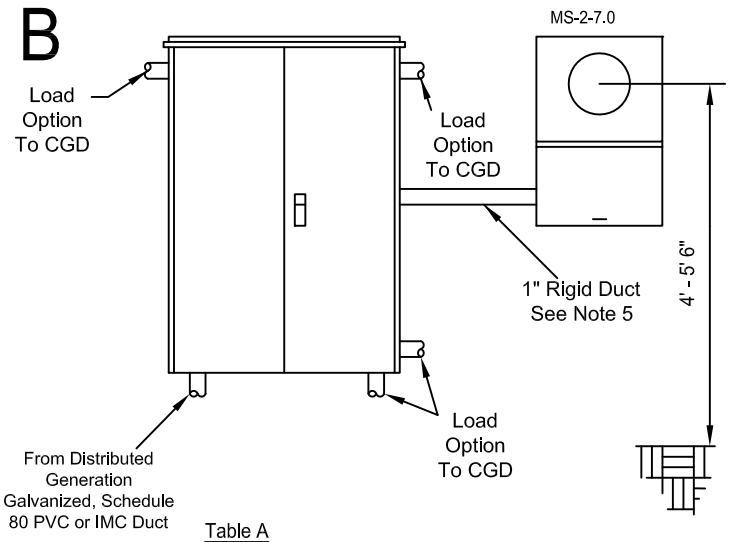


Table A

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

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, B and C) 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.

Over 200A Three-Phase REC Meter Options

MS-8-6.0

Not to Scale

05/01/17 E