

Irrigation Metering Services

Direct Metered Irrigation Service *200amps or less*

This is for irrigation systems with combined load (determined by adding the total of all hp name plate ratings on pumps, boosters, etc.) which are less than 75hp or 200amps and will require a 7 terminal meter socket/panel. These specifications apply to all new installations and any installations that have to be replaced due to failure. Consumer is to protect all equipment from livestock by fencing it off.

Overhead fed on Secondary Pole:

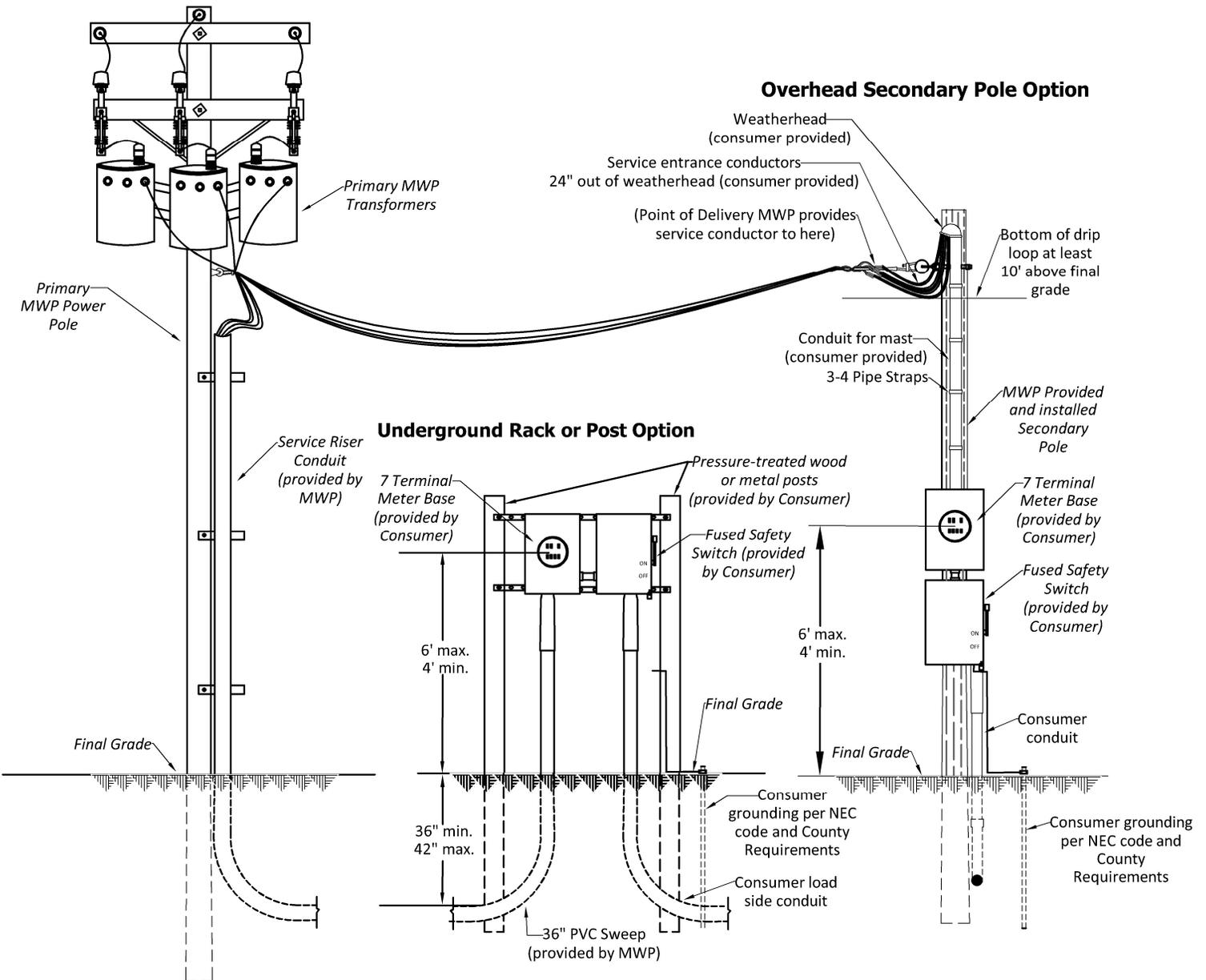
Consumer provides and installs 7 terminal meter base, service mast min. 2 inch Schedule 40 and having two feet of conductor extending out of the weatherhead for a drip loop, all load side connections and wiring, and the main fused interruptible disconnect, grounding per NEC code.

MWP provides and installs the secondary pole, conductor from transformers to the point of delivery, meter and all line side connections.

Underground on Rack or Post:

Consumer provides and installs rack or post, 7 terminal meter base, all load side connections and wiring, and the main fused interruptible disconnect, grounding per NEC code. Any required trenching. (see Trenching Requirements Specifications)

MWP provides and installs 3" schedule 40 conduit, conductor in conduit, meter, all line side connections.



MT. WHEELER POWER

Irrigation Metering less than 200amps

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Irrigation Metering Services

Current Transformer (CT) Metered Irrigation Service *greater than 200amps*

This is for irrigation systems with combined load (determined by adding the total of all hp name plate ratings on pumps, boosters, etc.) which are greater than 75hp or 200amps and will require current transformer metering and a 13 terminal meter socket. These specifications apply to all new installations and any installations that have to be replaced due to failure. Consumer is to protect all equipment from livestock by fencing it off.

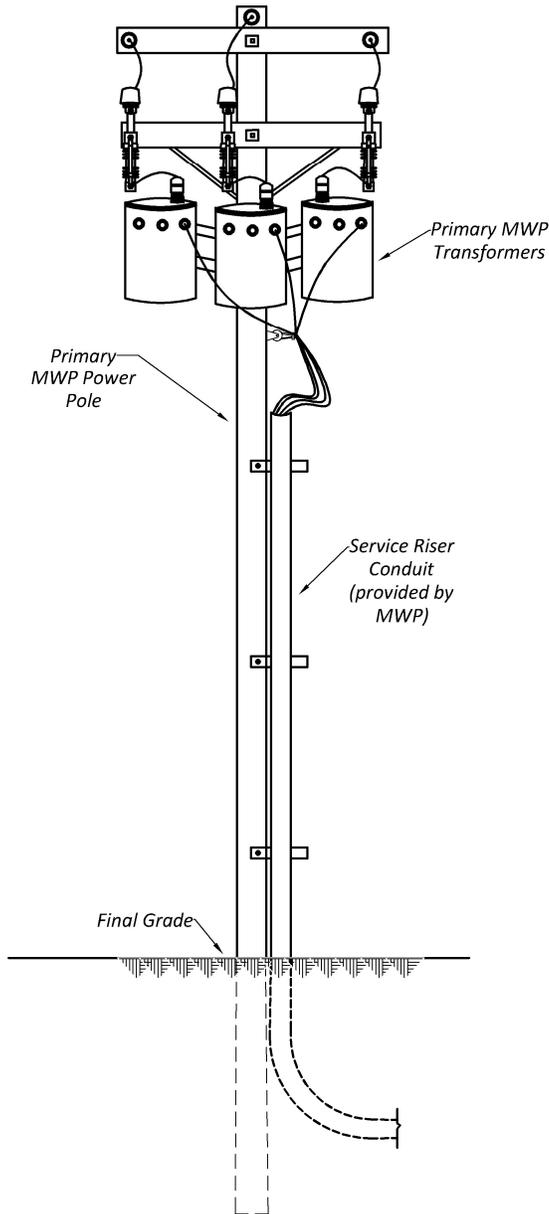
Consumer provides and installs all equipment on the load side of the point of delivery, including all wiring and conductor from the Consumer Landing Area to the load (and any associated conduit), and the main interruptible disconnect and any grounding requirements per the NEC code.

MWP provides the rack, meter base, CT cabinet, wiring from the line side to the point of delivery, current transformers (CTs), test blocks, all meter-associated wiring, the secondary conductor to the MWP landing area, and the 3" conduit.

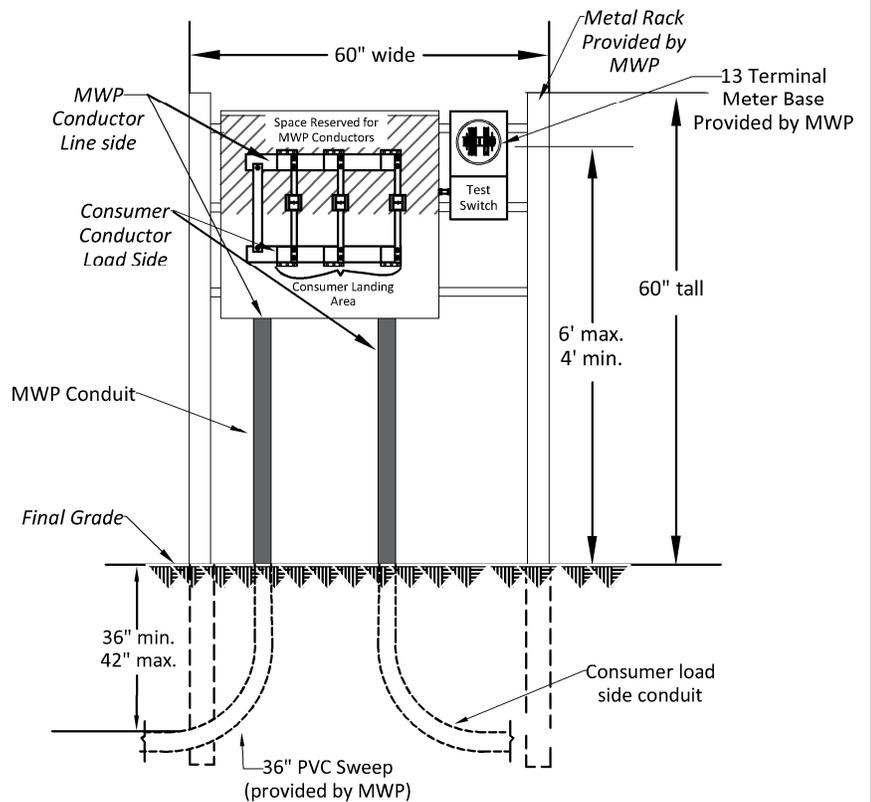
NOTE: Upgrade of existing services shall be evaluated by MWP Engineering Department on a case-by-case basis.

Interruptible disconnects to be installed by consumer, after the CTs are installed and wired by MWP technician. The disconnect can be installed on the back of the rack or within line of sight (up to 30' or less).

Consumer to provide all trenching associated with project.



Three Phase CT Service (UQ3.2S4) *greater than 200amp*



MT. WHEELER POWER

Irrigation Metering greater than 200amps

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