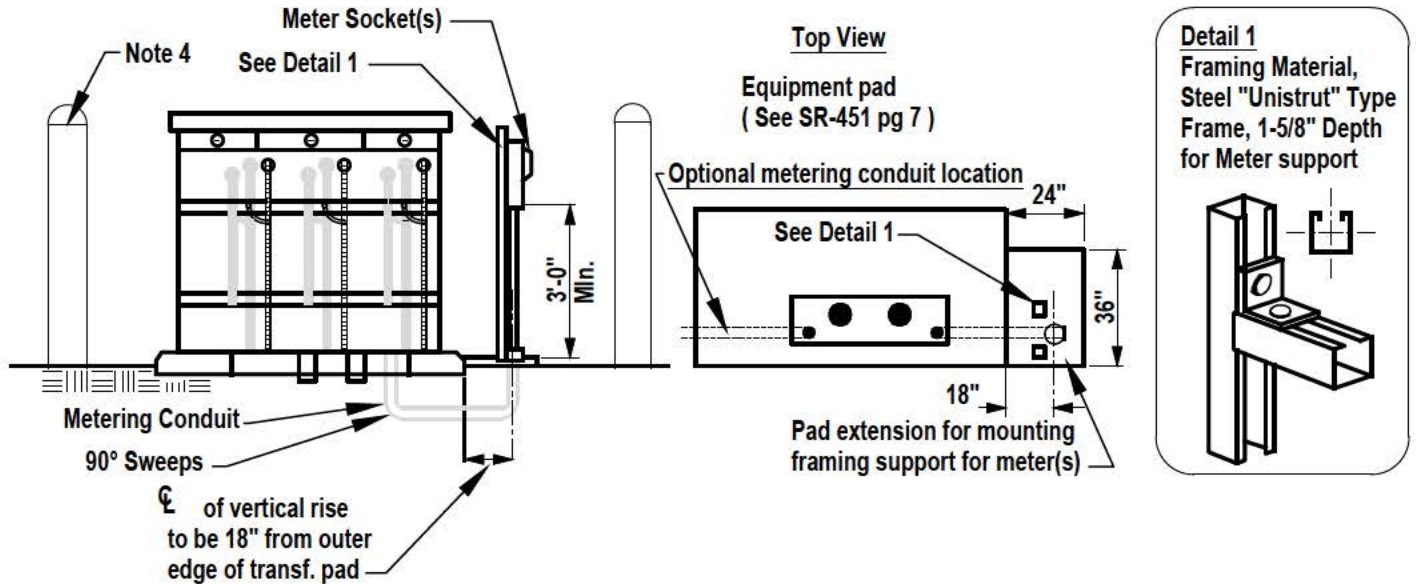


USE: Metering single customer on pad-mount primary metered equipment using CT's & PT's.

METER SOCKET AND CONDUIT INSTALLATION DETAIL FOR PRIMARY METERED SERVICE IN A PAD-MOUNT 200A OR LESS

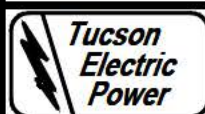


NOTES:

1. **Applicable Voltage and Loads** - 13.8 kv three phase, four wire grounded wye. 200 amperes or less. Consult the area Designer for the specific applicability.
2. **General Procedure** - The point of delivery is at the CT's, furnished by the company. The customer provides and installs the equipment pad, terminating UG primary cable (customer owned), metering conduit, meter socket and equipment protection (if required). The company installs the CT's / PT's (current and potential transformers) mounted within the cabinet, wires the metering conductors and sets the meter. The company attaches the load-break elbow to the CT's.
3. **Metering Conduit and Meter Socket Installation** - Installation of the metering conduit and meter socket(s) shall meet the requirements of SR-414. The metering conduit (min. 1-1/4") shall be Schedule 40 PVC (or Schedule 80 PVC) from primary metering cabinet opening to the buried portion of the conduit. The above-grade portion must be rigid or intermediate steel conduit. All PVC shall be rated 90 C operation. The riser primary metering compartment shall extend 2" above the top of the concrete pad and the open end of this conduit shall be sealed to prevent entry of debris prior to installation of metering conductors. Any metering conduit extending more than two feet outside the concrete pad shall be 18" below final grade and be covered with 4" of concrete. If the metering conduit is ever dug up or damaged, it shall be the customer's responsibility to replace it according to company specifications.

The meter socket must be mounted securely on a supporting frame, constructed of rigid steel framing material, "Unistrut" type that is set in concrete adjacent to and adjoining the equipment pad. The customer must furnish and install a meter enclosure cabinet per SR-420 if the meter(s) are located in a park, schoolyard, or other area subject to vandalism, or for meter totalizing.

4. **Protection of Transformer and Metering Equipment from Traffic Hazards** - Where transformer and metering equipment are exposed to vehicular traffic, approved traffic protection must be installed around the equipment. (See SR-230.)



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