


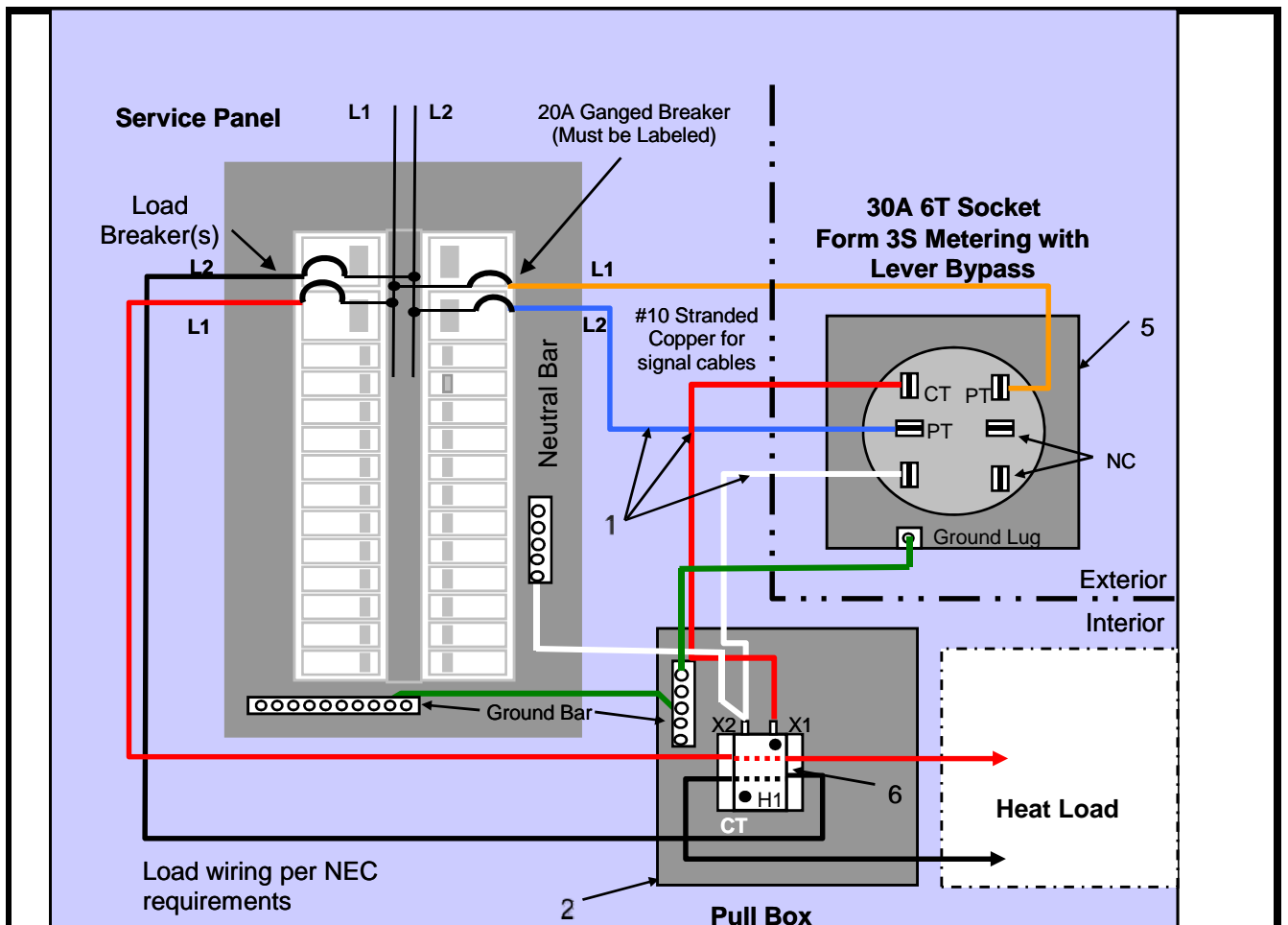
- 1) All clearances and protective devices must be in conformance to the most stringent requirements of either the NESC, NEC, or other codes of governmental or regulating authorities as applicable.
- 2) Installation should be made by qualified electrician at service entrance.
- 3) All installations shall be inspected by PRECorp personnel prior to energizing.
- 4) Heat Rate meter must be clearly marked and have a path free of obstacles to the meter front.

MATERIALS LISTING

ITEM	DESCRIPTION	QTY	UNIT	PREC #
1	30A 6 Terminal Meter Base with Lever Bypass	1	Ea	
2	Form 3S Meter	1	Ea	

Design Parameters:
 > See notes 1 through 4 above.

Heat Rate Metering - Outside Installation Form 3S Meter on 6 Terminal Meter Base with Lever Bypass		
8/5/2009		HEAT RATE SUB-METERING
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- 1) Recommended installation by qualified electrician per NEC requirements.
- 2) All installations shall be inspected by PRECorp personnel prior to energizing.
- 3) #10 stranded copper is required for the signal cables (color coded as shown), and must be installed in conduit.
- 4) For multiple CT installations within the same building, each set of signal cables must be installed in separate runs of conduit.
- 5) All breakers must be labeled denoting meter base potentials and loads.
- 6) Potentials to meter base should be wired to a dedicated breaker but may be taken from a single heat source circuit.
- 7) Heat Rate meter base must be clearly marked as such.
- 8) Pull box must be clearly marked for safety and sealed by PRECorp.
- 9) Shunt located between CT terminals should NOT be removed except by an authorized Precorp Meter Technician. REMOVAL OF SHUNT PRIOR TO METER INSTALLATION COULD RESULT IN DANGEROUS VOLTAGES AND HIGH TEMPERATURES AT THE CT.
- 10) Polarity of L1 & L2 for both load conductors & signal cables in drawing must be followed to ensure meter rotates in the proper direction.
- 11) Qualified Electrician shall verify that the Main Bonding Jumper is installed at the service entrance.

MATERIALS LISTING

ITEM	DESCRIPTION	QTY	UNIT	PREC #
1	#10 Stranded Copper Wire	As Required	Ft	
2	10x10x6 Pull Box (minimum dimensions in inches)	1	Ea	
3	Conduit	As Required	Ft	
4	Hardware	As Required	Ea	
5	30A 6 Terminal Meter Base with Lever Bypass	1	Ea	
6	100:5 Metering Class Current Transformer	1	Ea	

Design Parameters:
 > See notes 1 through 11 above.

Heat Rate Metering - Inside Installation			HEAT RATE
Form 3S Meter on 6 Terminal Meter Base with Lever Bypass			SUB
8/5/2009	Rev. A		METERING
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