

Customer to own and install service entrance conductors with 24" beyond weatherhead.

Service and connections by KCPL

Customer to own and install the service attachment, such as service hook, wire holder, or bracket on mast capable of supporting 900# stress. Customer to own and install service mast with entrance head. If the mast extends above the eave of the building, the service will be attached to the mast and the mast must be 2" (min) rigid galv. conduit and guyed or braced as required to support the service. If the service attachment is on the building, the mast may be rigid metal, EMT, or Schedule 40 electrical plastic conduit. The height of attachment must provide the clearance to ground or to the roof line as called for in the National Electrical Code.

Dimension A is 42" min and 60" max except over walks or driveways where 6'-6" is required.

Dimension B is 10' or more as called for in Art. 230-24(b) and 230-26, National Electrical Code.

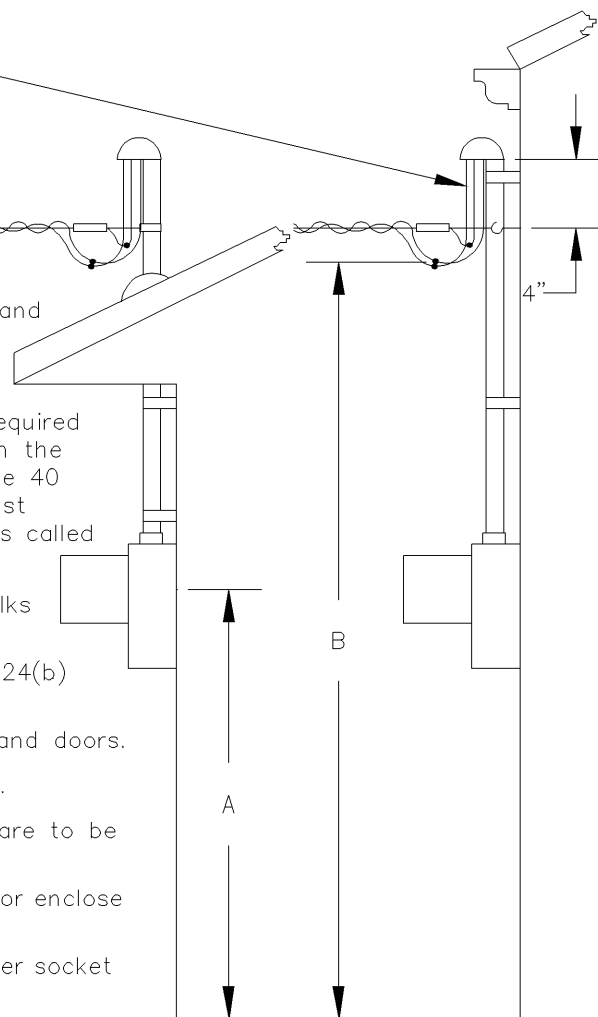
Install meter socket at least 36" away from windows and doors.

Customer will furnish and install meter socket and hub.

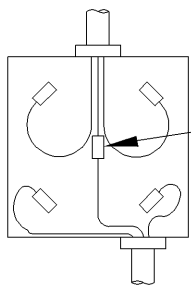
Customer's service entrance conductors and conduit are to be sized in accordance with the NEC.

Customer shall not use meter enclosure to terminate or enclose his system ground.

Provide some slack ahead of terminations in the meter socket to allow for future maintenance.

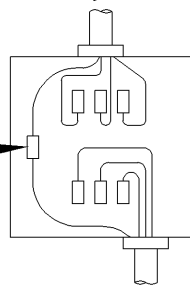


Typical Connections by Customer

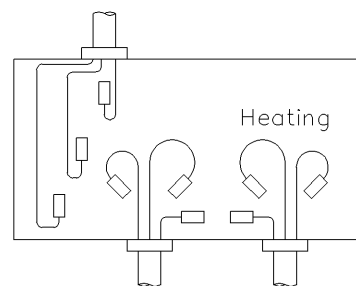


120/240V 1-Ph 3-Wire

neutral conductor



120/208V 3-Ph 4-Wire



120/240V 1-Ph 3-Wire  
All Electric  
100A-200A Max

Customer-furnished, -installed, and -owned material

9	hub
8	meter socket
7	entrance head
6	conduit straps
5	conductor
4	service mast
3	conduit nipple
2	#6 Cu ground wire
1	1/2"x8' ground rod

OVERHEAD SERVICES  
TRIPLEX OR QUADRUPLIX CABLE  
SELF-CONTAINED METERS  
200A MAX SINGLE  
300A MAX DUAL



ITEM	DESCRIPTION	KCPL	08-20-97	DWG.	0823A
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 Size: None  
 Last edited: 19-Mar-99 14:16:35  
 Software: MicroStation for Windows NT  
 Version: 5.7.1.14