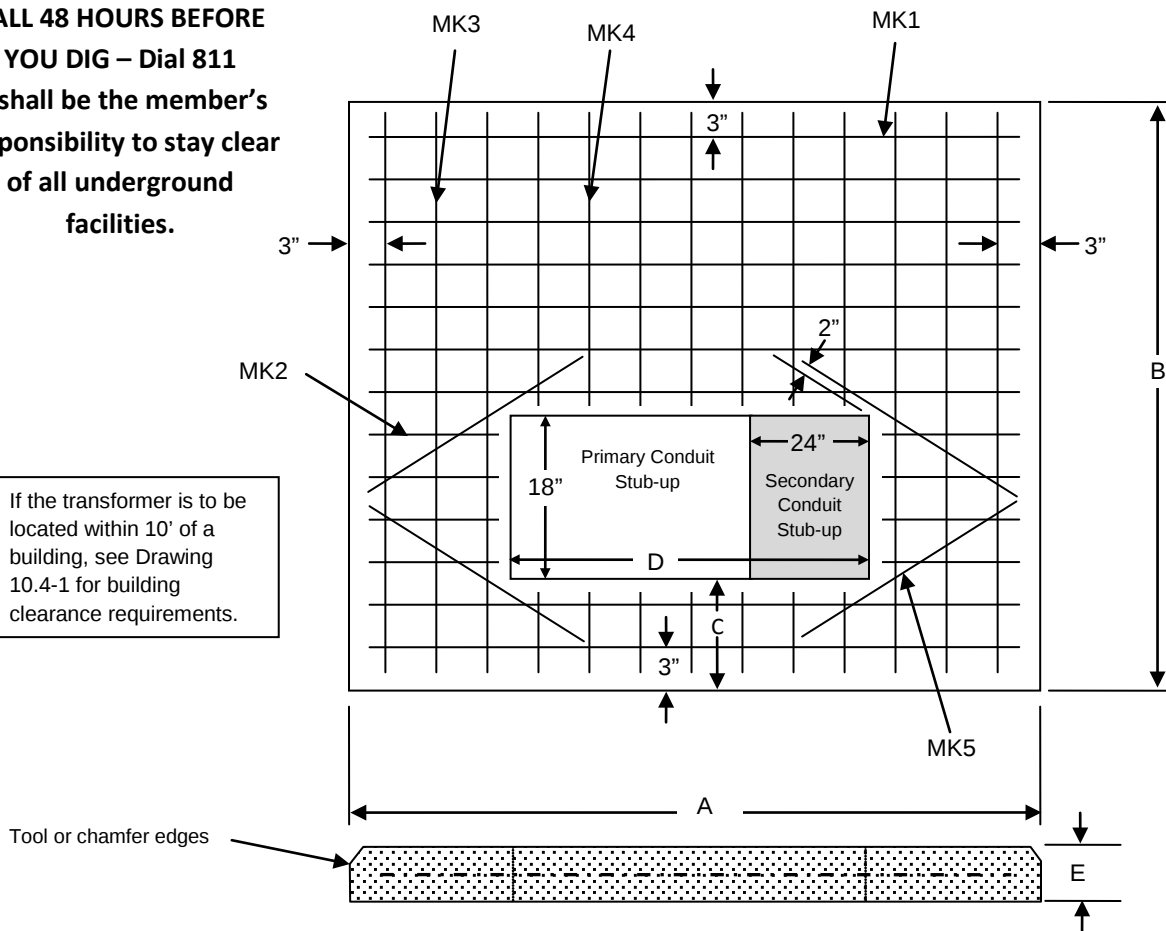


**CALL 48 HOURS BEFORE
YOU DIG – Dial 811**
It shall be the member's
responsibility to stay clear
of all underground
facilities.

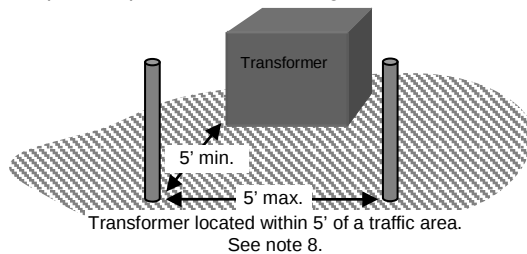
If the transformer is to be
located within 10' of a
building, see Drawing
10.4-1 for building
clearance requirements.



PAD	Transformer kVA	DIMENSIONS IN INCHES					REINFORCING BAR DIMENSIONS				
		A	B	C	D	E	MK1	MK2	MK3	MK4	MK5
#1	45, 75, 150, 300, 500	76	62	10	42	6	7 #4 70"	6 #4 10"	6 #4 57"	6 #4 28"	4 #4 26"
#2	750, 1000, 1500, 2500	104	100	10	54	8	12 #4 98"	6 #4 19"	6 #4 94"	7 #4 66"	4 #4 29"

Notes:

- Concrete shall be 3,000 PSI; rebar shall be set 6" O.C. each way and securely tied together; minimum 2" concrete cover over rebar.
- Pad shall be constructed on level, well compacted soil to avoid settling.
- Location and orientation of pad, and placement of conduit stub-ups must be approved by Cooperative prior to construction.
- If the transformer is to be located within 10' of a building, see Drawing 10.4-1 for building clearance requirements.
- Minimum of 10 feet of clear area to the front and 3 feet of clear area to the back and sides of the transformer required.
- Transformer shall not be located in the exhaust area of radiators, building vents, AC condensers, or other heat producing equipment.
- The edge of the pad must be within 10 feet of a parking area, drive, or other area which is readily accessible to heavy trucks to facilitate delivery and maintenance of the transformer.
- If the transformer is located within 5' of a parking lot, loading area, driveway, etc., steel posts must be set around the transformer to protect it from traffic. The posts must be located at least 5 feet in front of the pad so they do not obstruct the opening of the access doors located on front of the transformer. The posts must be at least 8" diameter concrete-filled steel pipe, set in concrete to a depth of 30", extend 48" above grade, and spaced no more than 5 feet apart.
- Cooperative provides and installs ground rods and connections for transformer at installation.



**Three Phase Transformer Pad
Specifications
DRAWING 10.4-2**

December 2011
NOT TO SCALE



**First Electric
Cooperative Corporation**