



PAD	3-PHASE TRANSFORMER KVA	DIMENSIONS IN INCHES					REINFORCING BARS				
		A	B	C	D	E	MK1	MK2	MK3	MK4	MK5
#1	75, 150, 225, 300, 500	76	62	10	48	6	7 #4 70"	4 #4 10"	6 #4 57"	6 #4 28"	4 #4 26"
#2	750, 1000, 1500, 2500	104	100	10	60	8	12 #4 98"	6 #4 19"	6 #4 94"	7 #4 66"	4 #4 29"

**Notes:**

1. SECONDARY CONDUITS BY BUILDING CONTRACTOR; PRIMARY CONDUITS BY COOPERATIVE.
2. CONDUIT OPENING IS FRONT OF TRANSFORMER; FRONT SHALL FACE OUT, AWAY FROM BUILDING OR STRUCTURE.
3. CONCRETE TESTING, 300 POUNDS MIN. PER SQUARE INCH; 4% TO 6% ENTRAINED AIR, 3/4" MAXIMUM SIZE AGGREGATE.
4. REINFORCING STEEL, ASTM-A615 GRADE 60, PLACE APPROX. 6" ON CENTER EACH WAY AND SECURELY TIED TOGETHER.
5. MINIMUM CONCRETE COVER OVER REINFORCING STEEL 2 INCHES UNLESS NOTED.
6. WOOD FLOAT FINISH, LEAVING NO DEPRESSIONS.

**Minimum Clearances:**

1. 12' MINIMUM UNOBSTRUCTED CLEARANCE FROM FRONT OF TRANSFORMER.
2. 10' MINIMUM CLEARANCE FROM BUILDING OR STRUCTURE.
3. 15' MINIMUM CLEARANCE FROM WINDOWS.
4. 20' MINIMUM CLEARANCE FROM DOORS.

**THREE PHASE TRANSFORMER  
CONCRETE PADS**

07/22/08

Bowie-Cass Electric Cooperative, Inc.  
Douglassville, Texas

UM1-6C