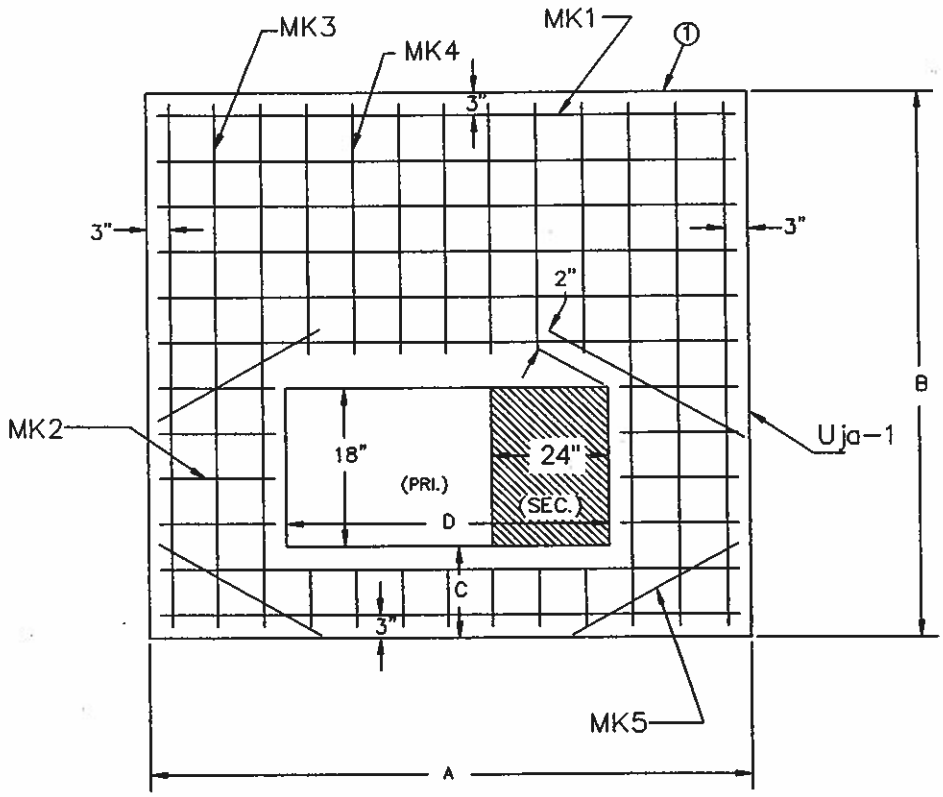

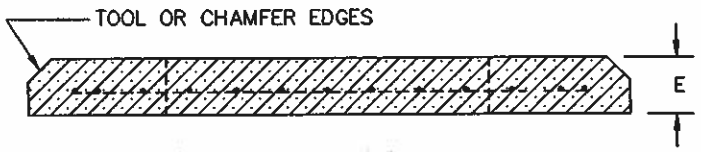

PAD	3-PHASE TRANSFORMER KVA	DIMENSIONS IN INCHES					REINFORCING BARS				
		A	B	C	D	E	MK1	MK2	MK3	MK4	MK5
#1	75, 150, 225, 300, 500	76	62	10	48	6	7 #4 70"	4 #4 10"	6 #4 57"	6 #4 28"	4 #4 26"
#2	750, 1000, 1500, 2500	104	100	10	60	8	12 #4 98"	6 #4 19"	6 #4 94"	7 #4 66"	4 #4 29"

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**