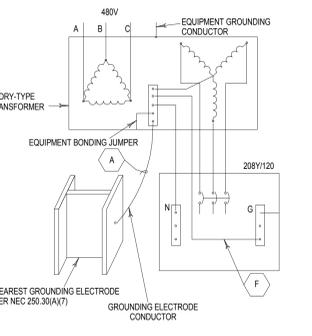
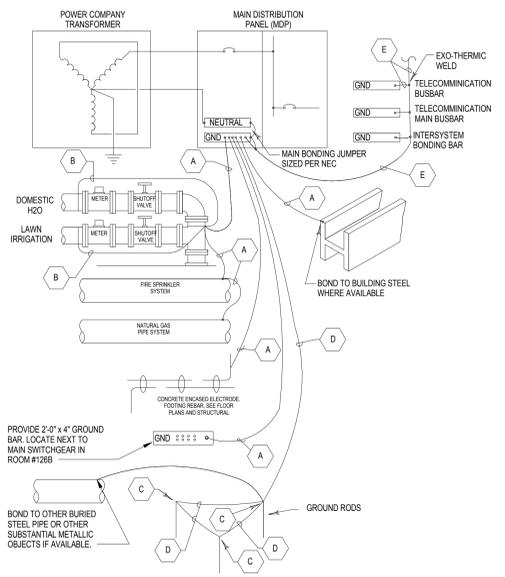
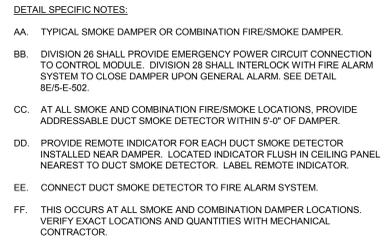
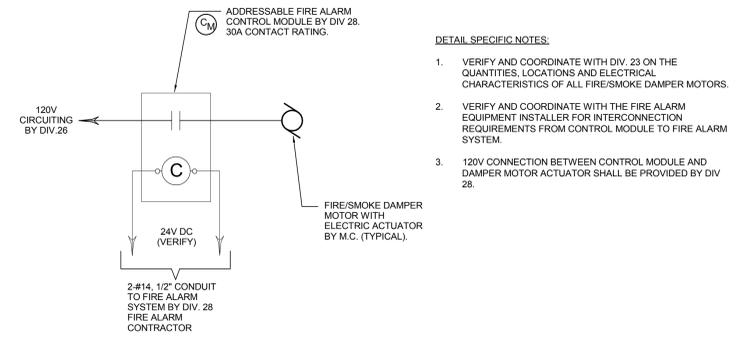


- GENERAL NOTES:**
1. CONCRETE TESTING: 3000 LBS. MIN. PER SQ. INCH; 4X TO 6X ENTRAINED AIR, 3/4" MAXIMUM SIZE AGGREGATE.
 2. REINFORCING STEEL: ASTM-A615 GRADE 60, PLACE APPROX. 6" O.C. EACH WAY AND SECURELY TIED TOGETHER.
 3. MINIMUM CONCRETE COVER OVER REINFORCING STEEL 2" UNLESS OTHERWISE NOTED.
 4. WOOD FLOAT FINISH, LEAVING NO DEPRESSIONS.

3-PHASE TRANSFORMER KVA	PAD DIMENSIONS					REINFORCING BARS				
	A	B	C	D	E	MK1	MK2	MK3	MK4	MK5
75, 112-1/2, 150, 225, 300, 500	6'-4"	5'-2"	10"	3'-4"	0"	7#4	4#4	6#4	6#4	4#4
750, 1000, 1500, 2000	8'-10"	9'-4"	10"	4'-4"	0"	12#4	6#4	8#4	7#4	4#4



- KEYNOTES**
- A. GROUNDING ELECTRODE CONDUCTOR TO GROUNDING ELECTRODE, AS SHOWN. SIZE PER NEC TABLE 250.66.
 - B. BOND WATER SYSTEMS AROUND ALL VALVES AND METERS PER NEC.
 - C. CONNECT GROUNDING ELECTRODE CONDUCTOR TO GROUND ROD WITH GROUND CONNECTOR.
 - D. #6 AWG BARE COPPER CONDUCTOR.
 - E. #30 AWG BARE COPPER CONDUCTOR.
 - F. SYSTEM BONDING JUMPER SHALL NOT BE SMALLER THAN THE SIZES SHOWN IN NEC TABLE 250.66, WHERE THE SUPPLY CONDUCTORS ARE LARGER THAN 1100CMIL COPPER. THE BONDING JUMPER SHALL HAVE AN AREA THAT IS NOT LESS THAN 1% TO 12% PERCENT OF THE AREA OF THE LARGEST PHASE CONDUCTOR.

FULLY SPRINKLERED
100% CONSTRUCTION DOCUMENTS

CONSULTANTS: 		 ARCHITECTS/ ENGINEERS: TSP, Inc. 1112 N. West Ave. Sioux Falls, SD 57104 phone: (605) 336-1160 fax: (605) 336-1926 www.teamtsp.com To Solve. To Excel. Together.		Drawing Title ELECTRICAL DETAILS		Project Title Sioux Falls VA Health Care System Acute Inpatient Medical Unit Addition and Renovation		Project Number 04100857		Office of Construction and Facilities Management	
Approved: Project Director		Location VA Medical Center 2871 W. 22nd Street, PO Box 5046 Sioux Falls, SD 57117-5046		Building Number 5		Drawing Number 5-E-502 Dwg. 119 of 123		Department of Veterans Affairs			
Date 08/06/2012		Checked MJJ		Drawn KAK							