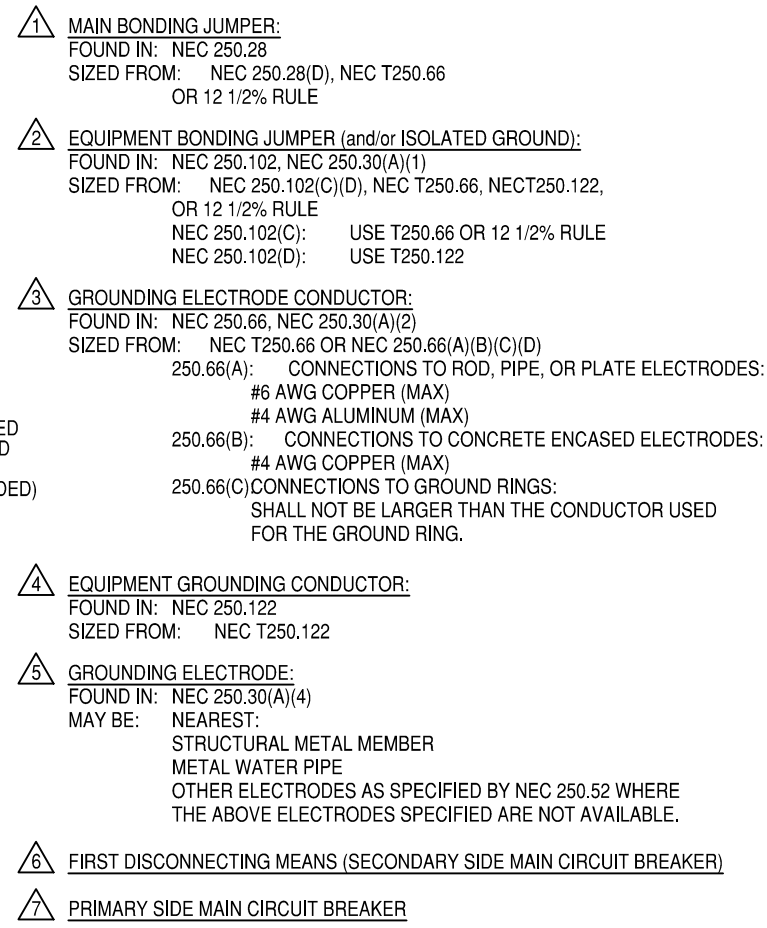


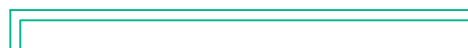


NOTES:

1. ALL CONDUCTORS AMPACITY BASED ON THE 2005 NEC TABLE 310-16 FOR CONDUCTORS W/ 75°C INSULATION
2. ALL RACEWAY SIZES (EMT/RMC/PVC 40) BASED ON THE 2002 NEC TABLE 4 (CHAPTER 9), 40% FILL COLUMN.
3. ELECTRICAL CONTRACTOR TO VERIFY ALL EQUIPMENT CONDUCTOR TERMINATION TEMPERATURE RATINGS ADJUST CONDUCTOR AND CONDUIT SIZES ACCORDINGLY.
4. ELECTRICAL CONTRACTOR TO VERIFY MAXIMUM NO. OF SETS OF SERVICE ENTRANCE CONDUCTORS W/ UTILITY CO. AND EQUIPMENT PROVIDER



30 kVA	50 MOPS	1	346	148	100 AMPS	1	443	198	186	186	20	16	27	30 kVA
45 kVA	70 MOPS	1	344	148	100 AMPS	1	481	198	186	186	20	20	30	45 kVA
75 kVA	110 MOPS	342	342	148	250 AMPS	1	453	198	186	186	20	30	75 kVA	
112.5 kVA	175 MOPS	1	362	148	400 AMPS	2	453	198	186	186	20	34	37	112.5 kVA
150 kVA	225 MOPS	1	364	144	600 AMPS	2	463	198	186	186	32	27	44	150 kVA
225 kVA	350 MOPS	1	356	148	800 AMPS	3	463	198	186	186	35	28.5	49.5	225 kVA
300 kVA	450 MOPS	2	364	142	1200 AMPS	4	463	198	186	186	40	32	49.5	300 kVA
525 kVA	775 MOPS	1	364	142	1600 AMPS	5	463	198	186	186	40	32	49.5	525 kVA

		Approved: Medical Center Director	Seals		TAGGART FOSTER-CURRENCE GRAY ARCHITECTS, INC. 4500 Burrow Drive North Little Rock, AR 72208 Phone: 501-758-7443 Fax: 501-753-7309 www.taggararch.com	Drawing Title	Project Title	Date		DEPARTMENT OF VETERANS AFFAIRS 
		Approved: Associate Director				PARTIAL FLOOR PLAN - ELECTRICAL AND SINGLE LINE DIAGRAM - POWER	JLM MEMORIAL VETERAN'S HOSPITAL - EXPAND MICU	NOV 2013		
		Approved: Chief Of Staff						Project No. XXXXXX		
Revisions	Date						Building Number 1-JLM	Checked JM	Drawn P&D	DRAWING NO. ES-5R
							Location CAVHS LITTLE ROCK, AR			Owg 5 Cl 7