



WIRE AND CONDUIT	
CIRCUIT	WIRE AND CONDUIT
1P 20A	2-#12 THHN CU, 1-#12 THHN CU GND 3/4" CONDUIT
1P 30A	2-#10 THHN CU, 1-#10 THHN CU GND 3/4" CONDUIT
2P 20A	3-#12 THHN CU, 1-#12 THHN CU GND 3/4" CONDUIT
2P 30A	3-#10 THHN CU, 1-#10 THHN CU GND 3/4" CONDUIT
2P 40A	3-#8 THHN CU, 1-#10 THHN CU GND 3/4" CONDUIT
2P 50A	3-#8 THHN CU, 1-#10 THHN CU GND 3/4" CONDUIT
3P 20A	4-#12 THHN CU, 1-#12 THHN CU GND 3/4" CONDUIT
3P 30A	4-#10 THHN CU, 1-#10 THHN CU GND 3/4" CONDUIT
3P 40A	4-#8 THHN CU, 1-#10 THHN CU GND 1" CONDUIT
3P 50A	4-#8 THHN CU, 1-#10 THHN CU GND 1" CONDUIT
3P 60A	4-#6 THHN CU, 1-#10 THHN CU GND 1" CONDUIT
3P 80A	4-#3 THHN CU, 1-#8 THHN CU GND 1-1/4" CONDUIT
3P 100A	4-#3 THHN CU, 1-#8 THHN CU GND 1-1/2" CONDUIT
3P 200A	4-3/0 THHN CU, 1-#6 THHN CU GND 2-1/2" CONDUIT
3P 225A	4-4/0 THHN CU, 1-#6 THHN CU GND 2-1/2" CONDUIT

ELECTRICAL GENERAL NOTES		ELECTRICAL MOUNTING HEIGHTS		ELECTRICAL SHEET INDEX	
<p>A. PRIOR TO CONSTRUCTION &amp; INSTALLATION, CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF CONFLICTS OR CONDITIONS WHICH INTERFERE WITH INSTALLATION AS SET FORTH IN CONTRACT DOCUMENTS.</p> <p>B. CONTRACTOR RESPONSIBLE FOR ALL FLOOR OPENINGS, EXCAVATIONS, AND PENETRATIONS, UNLESS SPECIFICALLY NOTED. UPON COMPLETION, ALL PENETRATIONS TO BE SEALED TO MAINTAIN FIRE RATING AS SPECIFIED ON ARCHITECTURAL DRAWINGS.</p> <p>C. ALL CUTTING AND PATCHING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS CLEARLY INDICATED AS PART OF ANOTHER PRIME CONTRACT.</p> <p>D. ALL WORK SHOWN ON THIS DRAWING IS THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS CLEARLY INDICATED AS PART OF ANOTHER PRIME CONTRACT.</p> <p>E. COORDINATE ALL NEW ROOF PENETRATIONS WITH THE OTHER CONTRACTS.</p> <p>F. ALL WORK TO BE COMPLETED IN COMPLIANCE WITH CURRENT VERSION OF NEC AND ALL LOCAL CODES.</p> <p>G. MINIMUM WIRE SIZE TO BE #12 AWG (FOR POWER).</p> <p>H. MINIMUM CONDUIT SIZE TO BE ¾" EMT. INSTALL &amp; SUPPORT IN ACCORDANCE WITH CURRENT VERSION OF NEC.</p> <p>I. RECEPTACLES TO BE INSTALLED WITH GROUNDING POLE TO THE TOP OR, IF MOUNTED HORIZONTALLY, TO THE LEFT.</p> <p>K. PROVIDE SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR WITHIN EACH BRANCH CIRCUIT RACEWAY.</p> <p>L. CONTRACTOR RESPONSIBLE FOR OBTAINING ALL PERMITS &amp; INSPECTIONS.</p> <p>M. PROVIDE SUBMITTALS FOR SUBSTITUTIONS ON ANY EQUIPMENT.</p> <p>N. SUBMIT O&amp;M MANUALS TO OWNER UPON COMPLETION OF WORK.</p> <p>O. PROVIDE TRAINING SESSION FOR DESIGNATED MAINTENANCE PERSONNEL.</p> <p>P. PROVIDE TEMPORARY POWER REQUIRED FOR ALL TRADES.</p> <p>Q. MATCH OWNERS EXISTING STANDARD EQUIPMENT.</p> <p>R. INSTALL FIRESTOPPING TO MAINTAIN ALL EXISTING FIRE SEPARATIONS.</p> <p>S. GROUND ALL EQUIPMENT ACCORDING TO CURRENT VERSION OF NEC.</p> <p>T. ALL RECEPTACLES DENOTED WP (WEATHERPROOF) TO BE GFI PROTECTED.</p> <p>U. ALL DEVICES &amp; FIXTURES TO BE SPECIFICATION GRADE OR BETTER.</p> <p>V. CONTRACTOR TO PROVIDE BONDING TO STEEL PER NEC250.50.</p>		<p>(UNLESS OTHERWISE NOTED)</p>		<p><b>0-ES1 ELECTRICAL TITLE SHEET AND LEGENDS</b></p> <p><b>5-ES1 BUILDING #5 ROOM 100A &amp; SC</b></p> <p><b>7-ES1 BUILDING #7 ROOM 132</b></p> <p><b>9-ES1 BUILDING #9 ROOM SC</b></p>	
		LIGHTING CONTROL SWITCHES:	45" A.F.F. TO CENTER		
		RECEPTACLES & TELEPHONE/DATA OUTLETS:	18" A.F.F. TO CENTER		
		COUNTERTOP RECEPTACLES/TELEPHONE/DATA:	45" A.F.F. TO CENTER		
		WALL MOUNTED LIGHTING FIXTURES:	6' A.F.F. TO CENTER		
		DISCONNECT SWITCHES:	5' A.F.F. OR ON EQUIPMENT		
		PANEL BOARDS:	6' A.F.F. TO TOP BREAKER		

[illegible]