



Work Order: Mars  
Load Section, 480V, 3Ø, 750KW

Electrical Package

Simplex - Atlanta  
270 Riverside Parkway  
Austell, GA 30168

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Drawing Number  
SWE-00228

Revision  
A

Revision Date  
3/24/2014

Customer: Simplex Load Banks  
Engineer: JLW  
Enviromental Type: 3R





Parts Legend - By Location

Center Subpanel

Mark	Part Number	Description
F1	14019775 15012300	Fuse, 3.5A, Class CC, Time Delay Fuseblock, Three Pole, Class CC, 30A
F2	14019775	Fuse, 3.5A, Class CC, Time Delay
F3	14039000	Fuse, 7A, Class CC, Time Delay
FMC1	13011040	Contactora, Definite Purpose, 3 Pole, 40A Resistive, 30FLA, 120Vac Coil, Box Lugs
MF1	14014500 15012300	Fuse, 2A, Class CC, Fast Acting Fuseblock, Three Pole, Class CC, 30A
MF2-3	14014500	Fuse, 2A, Class CC, Fast Acting
MLB-A	15400000 60044465G 60063693	Isolator, 2.75, .325-16 Bus Bar, Single Pole, 750A, Phase A Splice Bus Bar, Nept/Mars, 0.250" x 4.00" x10.50"
MLB-B	15400000 60044466E 60063693	Isolator, 2.75, .325-16 Bus Bar, Single Pole, 750A, Phase B Splice Bus Bar, Nept/Mars, 0.250" x 4.00" x10.50"
MLB-C	15400000 60044467G 60063693	Isolator, 2.75, .325-16 Bus Bar, Single Pole, 750A, Phase C Splice Bus Bar, Nept/Mars, 0.250" x 4.00" x10.50"
MLB-G	60063191	Ground Bus Bar, 3.0" x 12.25"
OLR1	24827710 24827750	Overload Relay, Three Pole, 5.7-18.9A, E16DU Overload Relay Base, E16DU Series
RC1-2	13011040	Contactora, Definite Purpose, 3 Pole, 40A Resistive, 30FLA, 120Vac Coil, Box Lugs
RC3-16	13011065	Contactora, Definite Purpose, 3 Pole, 65A Resistive, 50FLA, 120Vac Coil, Box Lugs
RF1-45	14087000	Fuse, 70A, Class T, Fast Acting
T1	25457670	Transformer, 750VA, 480/240:240/120
TB-L-	25678547 25678546 25678538 25678557 25678536 25678539 25678532 25678533	Terminal Block, Spring Type, 20A, 600Vac, 4 Connections, Black Terminal Block, Spring Type, 20A, 600Vac, 4 Connections, Red End And Intermediate Plate, 4 Connections Terminal Block, Spring Type, 20A, 600Vac, 4 Connections, Blue Terminal Block, Spring Type, 20A, 600Vac, 4 Connections, Grey Push In Jumper Bar, 2 Way Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey End And Intermediate Plate, 2 Connections
A1	PRT-00012074	Subpanel, Mars, Rear
CB1	12046630	Circuit Breaker, Three Pole, 30A Trip, 100A Frame

Door Frame

Mark	Part Number	Description
DS1	25317000	Disconnect Switch, 3 Pole, 63A

Load Section

Mark	Part Number	Description
MOT1	13860080 24646015	Fan Blade 42", 1-3/8" Hub 27700-CFM Motor, 10HP, Three Phase, 208-230/460Vac, TEFC, 1800RPM



SIMPLEX, INC.  
5300 RISING MOON ROAD  
SPRINGFIELD, ILLINOIS 62711-6228

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REVISIONS & UPDATES	JLW									APPROVED
	Original Submittal									DESCRIPTION
	3/24/2014									DATE
	A									REV

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WORK ORDER
Mars
PROJECT DESCRIPTION
Load Section, 480V, 3Ø, 750KW
BOOK
Mars 750
LOCATION
Mars Load Bank
FUNCTION
Main Function
DESCRIPTION
Parts Legend - By Location
DRAWN BY
JLW
FOLDER

DRAWING NUMBER
SWE-00228
PAGE NUMBER
L5
DATE
3/24/2014
REVISION
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Color</th><th>Temp</th></tr><tr><td>L1</td><td>-Ground:</td><td>-MOT1:Gnd</td><td>12</td><td>Green</td><td>150C</td></tr><tr><td>L2</td><td>MLB-A:</td><td>-DS1:L1</td><td>12</td><td>Black</td><td>150C</td></tr><tr><td>L3</td><td>MLB-B:</td><td>-DS1:L2</td><td>12</td><td>Red</td><td>150C</td></tr><tr><td>L4</td><td>MLB-C:</td><td>-DS1:L3</td><td>12</td><td>Blue</td><td>150C</td></tr><tr><td>L5</td><td>-DS1:T1</td><td>-CB1:L1</td><td>12</td><td>Black</td><td>150C</td></tr><tr><td>L6</td><td>-DS1:T2</td><td>-CB1:L2</td><td>12</td><td>Red</td><td>150C</td></tr><tr><td>L7</td><td>-DS1:T3</td><td>-CB1:L3</td><td>12</td><td>Blue</td><td>150C</td></tr><tr><td>L8</td><td>-CB1:T1</td><td>-FMC1:L1</td><td>12</td><td>Black</td><td>150C</td></tr><tr><td>L9</td><td>-CB1:T2</td><td>-FMC1:L2</td><td>12</td><td>Red</td><td>150C</td></tr><tr><td>L10</td><td>-CB1:T3</td><td>-FMC1:L3</td><td>12</td><td>Blue</td><td>150C</td></tr><tr><td>L11</td><td>-CB1:T1</td><td>-F1:0</td><td>12</td><td>Black</td><td>150C</td></tr><tr><td>L12</td><td>-CB1:T2</td><td>-F2:0</td><td>12</td><td>Red</td><td>150C</td></tr><tr><td>L13</td><td>-CB1:T3</td><td>-MF3:0</td><td>12</td><td>Blue</td><td>150C</td></tr><tr><td>L14</td><td>-F1:0</td><td>-MF1:0</td><td>12</td><td>Black</td><td>150C</td></tr><tr><td>L15</td><td>-F2:0</td><td>-MF2:0</td><td>12</td><td>Red</td><td>150C</td></tr><tr><td>L16</td><td>-FMC1:T1</td><td>-OLR1:L3</td><td>12</td><td>Black</td><td>150C</td></tr><tr><td>L17</td><td>-FMC1:T2</td><td>-OLR1:L2</td><td>12</td><td>Red</td><td>150C</td></tr><tr><td>L18</td><td>-FMC1:T3</td><td>-OLR1:L1</td><td>12</td><td>Blue</td><td>150C</td></tr><tr><td>L19</td><td>-OLR1:T3</td><td>-MOT1:L1</td><td>12</td><td>Black</td><td>150C</td></tr><tr><td>L20</td><td>-OLR1:T2</td><td>-MOT1:L2</td><td>12</td><td>Red</td><td>150C</td></tr><tr><td>L21</td><td>-OLR1:T1</td><td>-MOT1:L3</td><td>12</td><td>Blue</td><td>150C</td></tr><tr><td>L22</td><td>-F1:1</td><td>-T1:H1</td><td>12</td><td>Black</td><td>150C</td></tr><tr><td>L23</td><td>-T1:X4</td><td>TB-L-6:</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L24</td><td>-T1:X4</td><td>-Ground:</td><td>14</td><td>Green</td><td>105C</td></tr><tr><td>L25</td><td>-F2:1</td><td>-T1:H4</td><td>12</td><td>Red</td><td>150C</td></tr><tr><td>L26</td><td>-T1:X1</td><td>-F3:0</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L27</td><td>-MF1:1</td><td>TB-L-1:</td><td>12</td><td>Black</td><td>150C</td></tr><tr><td>L28</td><td>-MF2:1</td><td>TB-L-2:</td><td>12</td><td>Red</td><td>150C</td></tr><tr><td>L29</td><td>-MF3:1</td><td>TB-L-3:</td><td>12</td><td>Blue</td><td>150C</td></tr><tr><td>L30</td><td>-F3:1</td><td>TB-L-4:</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L31</td><td>TB-L-8:</td><td>-OLR1:97</td><td>18</td><td>Red</td><td>105C</td></tr><tr><td>L32</td><td>TB-L-10:</td><td>-OLR1:95</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L33</td><td>TB-L-11:</td><td>-RC1:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L34</td><td>TB-L-12:</td><td>-RC2:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L35</td><td>TB-L-13:</td><td>-RC3:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L36</td><td>TB-L-14:</td><td>-RC4:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L37</td><td>-RC6:L</td><td>-RC5:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L38</td><td>TB-L-15:</td><td>-RC5:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L39</td><td>-RC7:L</td><td>-RC8:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L40</td><td>-RC8:L</td><td>-RC9:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L41</td><td>-RC9:L</td><td>-RC10:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L42</td><td>-RC10:L</td><td>-RC11:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L43</td><td>TB-L-16:</td><td>-RC7:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L44</td><td>-RC12:L</td><td>-RC13:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L45</td><td>-RC13:L</td><td>-RC14:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L46</td><td>-RC14:L</td><td>-RC15:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L47</td><td>-RC15:L</td><td>-RC16:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L48</td><td>TB-L-17:</td><td>-RC12:L</td><td>16</td><td>Black</td><td>105C</td></tr><tr><td>L49</td><td>-OLR1:96</td><td>-FMC1:L</td><td>16</td><td>Black</td><td>105C</td></tr></table>						#	End A	End B	Gauge	Wire Color	Temp	L1	-Ground:	-MOT1:Gnd	12	Green	150C	L2	MLB-A:	-DS1:L1	12	Black	150C	L3	MLB-B:	-DS1:L2	12	Red	150C	L4	MLB-C:	-DS1:L3	12	Blue	150C	L5	-DS1:T1	-CB1:L1	12	Black	150C	L6	-DS1:T2	-CB1:L2	12	Red	150C	L7	-DS1:T3	-CB1:L3	12	Blue	150C	L8	-CB1:T1	-FMC1:L1	12	Black	150C	L9	-CB1:T2	-FMC1:L2	12	Red	150C	L10	-CB1:T3	-FMC1:L3	12	Blue	150C	L11	-CB1:T1	-F1:0	12	Black	150C	L12	-CB1:T2	-F2:0	12	Red	150C	L13	-CB1:T3	-MF3:0	12	Blue	150C	L14	-F1:0	-MF1:0	12	Black	150C	L15	-F2:0	-MF2:0	12	Red	150C	L16	-FMC1:T1	-OLR1:L3	12	Black	150C	L17	-FMC1:T2	-OLR1:L2	12	Red	150C	L18	-FMC1:T3	-OLR1:L1	12	Blue	150C	L19	-OLR1:T3	-MOT1:L1	12	Black	150C	L20	-OLR1:T2	-MOT1:L2	12	Red	150C	L21	-OLR1:T1	-MOT1:L3	12	Blue	150C	L22	-F1:1	-T1:H1	12	Black	150C	L23	-T1:X4	TB-L-6:	16	White	105C	L24	-T1:X4	-Ground:	14	Green	105C	L25	-F2:1	-T1:H4	12	Red	150C	L26	-T1:X1	-F3:0	16	Black	105C	L27	-MF1:1	TB-L-1:	12	Black	150C	L28	-MF2:1	TB-L-2:	12	Red	150C	L29	-MF3:1	TB-L-3:	12	Blue	150C	L30	-F3:1	TB-L-4:	16	Black	105C	L31	TB-L-8:	-OLR1:97	18	Red	105C	L32	TB-L-10:	-OLR1:95	16	Black	105C	L33	TB-L-11:	-RC1:L	16	Black	105C	L34	TB-L-12:	-RC2:L	16	Black	105C	L35	TB-L-13:	-RC3:L	16	Black	105C	L36	TB-L-14:	-RC4:L	16	Black	105C	L37	-RC6:L	-RC5:L	16	Black	105C	L38	TB-L-15:	-RC5:L	16	Black	105C	L39	-RC7:L	-RC8:L	16	Black	105C	L40	-RC8:L	-RC9:L	16	Black	105C	L41	-RC9:L	-RC10:L	16	Black	105C	L42	-RC10:L	-RC11:L	16	Black	105C	L43	TB-L-16:	-RC7:L	16	Black	105C	L44	-RC12:L	-RC13:L	16	Black	105C	L45	-RC13:L	-RC14:L	16	Black	105C	L46	-RC14:L	-RC15:L	16	Black	105C	L47	-RC15:L	-RC16:L	16	Black	105C	L48	TB-L-17:	-RC12:L	16	Black	105C	L49	-OLR1:96	-FMC1:L	16	Black	105C	<table><tr><th>#</th><th>End A</th><th>End B</th><th>Gauge</th><th>Wire Color</th><th>Temp</th></tr><tr><td>L50</td><td>-OLR1:98</td><td>TB-L-9:</td><td>18</td><td>Red</td><td>105C</td></tr><tr><td>L51</td><td>-FMC1:N</td><td>TB-L-7:</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L52</td><td>-RC1:N</td><td>-RC2:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L53</td><td>-RC2:N</td><td>-RC3:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L54</td><td>-RC3:N</td><td>-RC4:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L55</td><td>-RC4:N</td><td>-RC5:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L56</td><td>-RC5:N</td><td>-RC6:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L57</td><td>-RC6:N</td><td>-RC7:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L58</td><td>-RC7:N</td><td>-RC8:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L59</td><td>-RC8:N</td><td>-RC9:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L60</td><td>-RC9:N</td><td>-RC10:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L61</td><td>-RC10:N</td><td>-RC11:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L62</td><td>-RC11:N</td><td>-RC12:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L63</td><td>-RC12:N</td><td>-RC13:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L64</td><td>-RC13:N</td><td>-RC14:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L65</td><td>-RC14:N</td><td>-RC15:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L66</td><td>-RC15:N</td><td>-RC16:N</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L67</td><td>-RC1:N</td><td>TB-L-7:</td><td>16</td><td>White</td><td>105C</td></tr><tr><td>L90</td><td>-LR1:1</td><td>-RC1:T1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L91</td><td>-RC1:L1</td><td>-RC2:L1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L92</td><td>-RC1:L1</td><td>-RF1:</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L93</td><td>-RF28:1</td><td>-RC11:L1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L94</td><td>-RC11:T1</td><td>-LR55:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L95</td><td>-LR55:1</td><td>-LR60:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L97</td><td>-RC11:T2</td><td>-LR57:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L99</td><td>-LR2:1</td><td>-RC1:T2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L100</td><td>-RC1:L2</td><td>-RC2:L2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L101</td><td>-RC1:L2</td><td>-RF2:</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L102</td><td>-RF29:1</td><td>-RC11:L2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L104</td><td>-RC11:T3</td><td>-LR59:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L106</td><td>-LR3:1</td><td>-RC1:T3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L107</td><td>-RC1:L3</td><td>-RC2:L3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L108</td><td>-RC1:L3</td><td>-RF3:</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L109</td><td>-RF30:1</td><td>-RC11:L3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L113</td><td>-LR4:1</td><td>-RC2:T1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L114</td><td>-RF31:1</td><td>-RC12:L1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L115</td><td>-RC12:T1</td><td>-LR61:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L116</td><td>-LR61:1</td><td>-LR66:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L118</td><td>-RC12:T2</td><td>-LR63:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L120</td><td>-LR5:1</td><td>-RC2:T2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L121</td><td>-RF32:1</td><td>-RC12:L2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L123</td><td>-RC12:T3</td><td>-LR65:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L125</td><td>-LR6:1</td><td>-RC2:T3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L126</td><td>-RF33:1</td><td>-RC12:L3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L128</td><td>-LR9:1</td><td>-RC3:T2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L131</td><td>-LR12:1</td><td>-LR7:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L132</td><td>-LR7:1</td><td>-RC3:T1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L133</td><td>-RC3:L1</td><td>-RF4:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L134</td><td>-RF34:1</td><td>-RC13:L1</td><td>8</td><td>Black</td><td>150C</td></tr></table>						#	End A	End B	Gauge	Wire Color	Temp	L50	-OLR1:98	TB-L-9:	18	Red	105C	L51	-FMC1:N	TB-L-7:	16	White	105C	L52	-RC1:N	-RC2:N	16	White	105C	L53	-RC2:N	-RC3:N	16	White	105C	L54	-RC3:N	-RC4:N	16	White	105C	L55	-RC4:N	-RC5:N	16	White	105C	L56	-RC5:N	-RC6:N	16	White	105C	L57	-RC6:N	-RC7:N	16	White	105C	L58	-RC7:N	-RC8:N	16	White	105C	L59	-RC8:N	-RC9:N	16	White	105C	L60	-RC9:N	-RC10:N	16	White	105C	L61	-RC10:N	-RC11:N	16	White	105C	L62	-RC11:N	-RC12:N	16	White	105C	L63	-RC12:N	-RC13:N	16	White	105C	L64	-RC13:N	-RC14:N	16	White	105C	L65	-RC14:N	-RC15:N	16	White	105C	L66	-RC15:N	-RC16:N	16	White	105C	L67	-RC1:N	TB-L-7:	16	White	105C	L90	-LR1:1	-RC1:T1	8	Black	150C	L91	-RC1:L1	-RC2:L1	8	Black	150C	L92	-RC1:L1	-RF1:	8	Black	150C	L93	-RF28:1	-RC11:L1	8	Black	150C	L94	-RC11:T1	-LR55:1	8	Black	150C	L95	-LR55:1	-LR60:1	8	Black	150C	L97	-RC11:T2	-LR57:1	8	Red	150C	L99	-LR2:1	-RC1:T2	8	Red	150C	L100	-RC1:L2	-RC2:L2	8	Red	150C	L101	-RC1:L2	-RF2:	8	Red	150C	L102	-RF29:1	-RC11:L2	8	Red	150C	L104	-RC11:T3	-LR59:1	8	Blue	150C	L106	-LR3:1	-RC1:T3	8	Blue	150C	L107	-RC1:L3	-RC2:L3	8	Blue	150C	L108	-RC1:L3	-RF3:	8	Blue	150C	L109	-RF30:1	-RC11:L3	8	Blue	150C	L113	-LR4:1	-RC2:T1	8	Black	150C	L114	-RF31:1	-RC12:L1	8	Black	150C	L115	-RC12:T1	-LR61:1	8	Black	150C	L116	-LR61:1	-LR66:1	8	Black	150C	L118	-RC12:T2	-LR63:1	8	Red	150C	L120	-LR5:1	-RC2:T2	8	Red	150C	L121	-RF32:1	-RC12:L2	8	Red	150C	L123	-RC12:T3	-LR65:1	8	Blue	150C	L125	-LR6:1	-RC2:T3	8	Blue	150C	L126	-RF33:1	-RC12:L3	8	Blue	150C	L128	-LR9:1	-RC3:T2	8	Red	150C	L131	-LR12:1	-LR7:1	8	Black	150C	L132	-LR7:1	-RC3:T1	8	Black	150C	L133	-RC3:L1	-RF4:1	8	Black	150C	L134	-RF34:1	-RC13:L1	8	Black	150C	<table><tr><th>#</th><th>End A</th><th>End B</th><th>Gauge</th><th>Wire Color</th><th>Temp</th></tr><tr><td>L135</td><td>-RC13:T1</td><td>-LR67:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L136</td><td>-LR67:1</td><td>-LR72:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L138</td><td>-RC13:T2</td><td>-LR69:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L140</td><td>-LR11:1</td><td>-RC3:T3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L143</td><td>-RC3:L2</td><td>-RF5:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L144</td><td>-RF35:1</td><td>-RC13:L2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L146</td><td>-RC13:T3</td><td>-LR71:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L149</td><td>-RC3:L3</td><td>-RF6:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L150</td><td>-RF36:1</td><td>-RC13:L3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L152</td><td>-LR15:1</td><td>-RC4:T2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L155</td><td>-LR13:1</td><td>-RC4:T1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L156</td><td>-LR18:1</td><td>-LR13:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L157</td><td>-RC4:L1</td><td>-RF7:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L158</td><td>-RF37:1</td><td>-RC14:L1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L159</td><td>-RC14:T1</td><td>-LR73:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L160</td><td>-LR73:1</td><td>-LR78:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L162</td><td>-RC14:T2</td><td>-LR75:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L164</td><td>-LR17:1</td><td>-RC4:T3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L167</td><td>-RC4:L2</td><td>-RF8:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L168</td><td>-RF38:1</td><td>-RC14:L2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L170</td><td>-RC14:T3</td><td>-LR77:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L173</td><td>-RC4:L3</td><td>-RF9:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L174</td><td>-RF39:1</td><td>-RC14:L3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L176</td><td>-LR21:1</td><td>-RC5:T2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L179</td><td>-LR19:1</td><td>-RC5:T1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L180</td><td>-LR24:1</td><td>-LR19:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L181</td><td>-RC5:L1</td><td>-RF10:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L182</td><td>-RF40:1</td><td>-RC15:L1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L183</td><td>-RC15:T1</td><td>-LR79:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L184</td><td>-LR79:1</td><td>-LR84:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L186</td><td>-RC15:T2</td><td>-LR81:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L188</td><td>-LR23:1</td><td>-RC5:T3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L191</td><td>-RC5:L2</td><td>-RF11:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L192</td><td>-RF41:1</td><td>-RC15:L2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L194</td><td>-RC15:T3</td><td>-LR83:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L197</td><td>-RC5:L3</td><td>-RF12:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L198</td><td>-RF42:1</td><td>-RC15:L3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L200</td><td>-LR27:1</td><td>-RC6:T2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L203</td><td>-LR25:1</td><td>-RC6:T1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L204</td><td>-LR30:1</td><td>-LR25:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L205</td><td>-RC6:L1</td><td>-RF13:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L206</td><td>-RF43:1</td><td>-RC16:L1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L207</td><td>-RC16:T1</td><td>-LR85:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L208</td><td>-LR85:1</td><td>-LR90:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L210</td><td>-RC16:T2</td><td>-LR87:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L212</td><td>-LR29:1</td><td>-RC6:T3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L215</td><td>-RC6:L2</td><td>-RF14:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L216</td><td>-RF44:1</td><td>-RC16:L2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L218</td><td>-RC16:T3</td><td>-LR89:1</td><td>8</td><td>Blue</td><td>150C</td></tr></table>						#	End A	End B	Gauge	Wire Color	Temp	L135	-RC13:T1	-LR67:1	8	Black	150C	L136	-LR67:1	-LR72:1	8	Black	150C	L138	-RC13:T2	-LR69:1	8	Red	150C	L140	-LR11:1	-RC3:T3	8	Blue	150C	L143	-RC3:L2	-RF5:1	8	Red	150C	L144	-RF35:1	-RC13:L2	8	Red	150C	L146	-RC13:T3	-LR71:1	8	Blue	150C	L149	-RC3:L3	-RF6:1	8	Blue	150C	L150	-RF36:1	-RC13:L3	8	Blue	150C	L152	-LR15:1	-RC4:T2	8	Red	150C	L155	-LR13:1	-RC4:T1	8	Black	150C	L156	-LR18:1	-LR13:1	8	Black	150C	L157	-RC4:L1	-RF7:1	8	Black	150C	L158	-RF37:1	-RC14:L1	8	Black	150C	L159	-RC14:T1	-LR73:1	8	Black	150C	L160	-LR73:1	-LR78:1	8	Black	150C	L162	-RC14:T2	-LR75:1	8	Red	150C	L164	-LR17:1	-RC4:T3	8	Blue	150C	L167	-RC4:L2	-RF8:1	8	Red	150C	L168	-RF38:1	-RC14:L2	8	Red	150C	L170	-RC14:T3	-LR77:1	8	Blue	150C	L173	-RC4:L3	-RF9:1	8	Blue	150C	L174	-RF39:1	-RC14:L3	8	Blue	150C	L176	-LR21:1	-RC5:T2	8	Red	150C	L179	-LR19:1	-RC5:T1	8	Black	150C	L180	-LR24:1	-LR19:1	8	Black	150C	L181	-RC5:L1	-RF10:1	8	Black	150C	L182	-RF40:1	-RC15:L1	8	Black	150C	L183	-RC15:T1	-LR79:1	8	Black	150C	L184	-LR79:1	-LR84:1	8	Black	150C	L186	-RC15:T2	-LR81:1	8	Red	150C	L188	-LR23:1	-RC5:T3	8	Blue	150C	L191	-RC5:L2	-RF11:1	8	Red	150C	L192	-RF41:1	-RC15:L2	8	Red	150C	L194	-RC15:T3	-LR83:1	8	Blue	150C	L197	-RC5:L3	-RF12:1	8	Blue	150C	L198	-RF42:1	-RC15:L3	8	Blue	150C	L200	-LR27:1	-RC6:T2	8	Red	150C	L203	-LR25:1	-RC6:T1	8	Black	150C	L204	-LR30:1	-LR25:1	8	Black	150C	L205	-RC6:L1	-RF13:1	8	Black	150C	L206	-RF43:1	-RC16:L1	8	Black	150C	L207	-RC16:T1	-LR85:1	8	Black	150C	L208	-LR85:1	-LR90:1	8	Black	150C	L210	-RC16:T2	-LR87:1	8	Red	150C	L212	-LR29:1	-RC6:T3	8	Blue	150C	L215	-RC6:L2	-RF14:1	8	Red	150C	L216	-RF44:1	-RC16:L2	8	Red	150C	L218	-RC16:T3	-LR89:1	8	Blue	150C	<table><tr><th>#</th><th>End A</th><th>End B</th><th>Gauge</th><th>Wire Color</th><th>Temp</th></tr><tr><td>L221</td><td>-RC6:L3</td><td>-RF15:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L222</td><td>-RF45:1</td><td>-RC16:L3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L224</td><td>-LR33:1</td><td>-RC7:T2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L227</td><td>-LR31:1</td><td>-RC7:T1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L228</td><td>-LR36:1</td><td>-LR31:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L229</td><td>-RC7:L1</td><td>-RF16:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L236</td><td>-LR35:1</td><td>-RC7:T3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L239</td><td>-RC7:L2</td><td>-RF17:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L245</td><td>-RC7:L3</td><td>-RF18:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L248</td><td>-LR39:1</td><td>-RC8:T2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L251</td><td>-LR37:1</td><td>-RC8:T1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L252</td><td>-LR42:1</td><td>-LR37:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L253</td><td>-RC8:L1</td><td>-RF19:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L260</td><td>-LR41:1</td><td>-RC8:T3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L263</td><td>-RC8:L2</td><td>-RF20:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L269</td><td>-RC8:L3</td><td>-RF21:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L272</td><td>-LR45:1</td><td>-RC9:T2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L275</td><td>-LR43:1</td><td>-RC9:T1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L276</td><td>-LR48:1</td><td>-LR43:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L277</td><td>-RC9:L1</td><td>-RF22:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L284</td><td>-LR47:1</td><td>-RC9:T3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L287</td><td>-RC9:L2</td><td>-RF23:1</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L293</td><td>-RC9:L3</td><td>-RF24:1</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L296</td><td>-LR51:1</td><td>-RC10:T2</td><td>8</td><td>Red</td><td>150C</td></tr><tr><td>L299</td><td>-LR49:1</td><td>-RC10:T1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L300</td><td>-LR54:1</td><td>-LR49:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L301</td><td>-RC10:L1</td><td>-RF25:1</td><td>8</td><td>Black</td><td>150C</td></tr><tr><td>L308</td><td>-LR53:1</td><td>-RC10:T3</td><td>8</td><td>Blue</td><td>150C</td></tr><tr><td>L311</td></tr></table>						#	End A	End B	Gauge	Wire Color	Temp	L221	-RC6:L3	-RF15:1	8	Blue	150C	L222	-RF45:1	-RC16:L3	8	Blue	150C	L224	-LR33:1	-RC7:T2	8	Red	150C	L227	-LR31:1	-RC7:T1	8	Black	150C	L228	-LR36:1	-LR31:1	8	Black	150C	L229	-RC7:L1	-RF16:1	8	Black	150C	L236	-LR35:1	-RC7:T3	8	Blue	150C	L239	-RC7:L2	-RF17:1	8	Red	150C	L245	-RC7:L3	-RF18:1	8	Blue	150C	L248	-LR39:1	-RC8:T2	8	Red	150C	L251	-LR37:1	-RC8:T1	8	Black	150C	L252	-LR42:1	-LR37:1	8	Black	150C	L253	-RC8:L1	-RF19:1	8	Black	150C	L260	-LR41:1	-RC8:T3	8	Blue	150C	L263	-RC8:L2	-RF20:1	8	Red	150C	L269	-RC8:L3	-RF21:1	8	Blue	150C	L272	-LR45:1	-RC9:T2	8	Red	150C	L275	-LR43:1	-RC9:T1	8	Black	150C	L276	-LR48:1	-LR43:1	8	Black	150C	L277	-RC9:L1	-RF22:1	8	Black	150C	L284	-LR47:1	-RC9:T3	8	Blue	150C	L287	-RC9:L2	-RF23:1	8	Red	150C	L293	-RC9:L3	-RF24:1	8	Blue	150C	L296	-LR51:1	-RC10:T2	8	Red	150C	L299	-LR49:1	-RC10:T1	8	Black	150C	L300	-LR54:1	-LR49:1	8	Black	150C	L301	-RC10:L1	-RF25:1	8	Black	150C	L308	-LR53:1	-RC10:T3	8	Blue	150C	L311
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L308	-LR53:1	-RC10:T3	8	Blue	150C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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REVIEWS & UPDATES	JLW									APPROVED
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	3/24/2014									DATE
	A									REV

WORK ORDER	
Mars	
PROJECT DESCRIPTION	
Load Section, 480V, 3Ø, 750KW	
BOOK	
Mars 750	
LOCATION	
Mars Load Bank	
FUNCTION	
Main Function	
DESCRIPTION	
Wire List - By Number 1/1	
DRAWN BY	
JLW	
FOLDER	
DRAWING NUMBER	
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PAGE NUMBER	
L7	
DATE	REVISION
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Terminal Block Schedule

TB-L

ID	Description	Part Number	Manufacturer	Component Reference
1	Terminal Block, Spring Type, 20A, 600Vac, 4 Connections, Black	25678547	Wago	2002-1405
2	Terminal Block, Spring Type, 20A, 600Vac, 4 Connections, Red	25678546	Wago	2002-1403
3	End And Intermediate Plate, 4 Connections Terminal Block, Spring Type, 20A, 600Vac, 4 Connections, Blue	25678538 25678557	Wago Wago	2002-1492 2002-1404
4	Terminal Block, Spring Type, 20A, 600Vac, 4 Connections, Grey Push In Jumper Bar, 2 Way	25678536 25678539	Wago Wago	2002-1401 2002-402
5	Terminal Block, Spring Type, 20A, 600Vac, 4 Connections, Grey	25678536	Wago	2002-1401
6	Terminal Block, Spring Type, 20A, 600Vac, 4 Connections, Grey Push In Jumper Bar, 2 Way	25678536 25678539	Wago Wago	2002-1401 2002-402
7	Terminal Block, Spring Type, 20A, 600Vac, 4 Connections, Grey End And Intermediate Plate, 4 Connections	25678536 25678538	Wago Wago	2002-1401 2002-1492
8	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
9	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
10	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
11	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
12	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
13	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
14	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
15	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
16	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
17	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
18	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
19	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey	25678532	Wago	2002-1201
20	Terminal Block, Spring Type, 20A, 600Vac, 2 Connections, Grey End And Intermediate Plate, 2 Connections	25678532 25678533	Wago Wago	2002-1201 2002-1292



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	A									REV
										DESCRIPTION

WORK ORDER

Mars

PROJECT DESCRIPTION

Load Section, 480V, 3Ø, 750KW

BOOK

Mars 750

LOCATION

Mars Load Bank

FUNCTION

Main Function

DESCRIPTION

Terminal Block Schedule

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Load Elements (Sectional)

12 Gauge

Mark	Quantity	Sections	Type	Total Power	Total Pieces	Section Power	Section Length (in)	Section Resistance	Voltage	Gauge	Diameter	Part Number	KW Sum
LR7-LR90	84	2	C	8334	168	4167	8.7	3.36	120	12	.081	24335501	700.1
													700.1

13 Gauge

Mark	Quantity	Sections	Type	Total Power	Total Pieces	Section Power	Section Length (in)	Section Resistance	Voltage	Gauge	Diameter	Part Number	KW Sum
LR1-LR6	6	2	C	8334	12	4167	8.2	4.49	139	13	.072	24334000	50.0
													50



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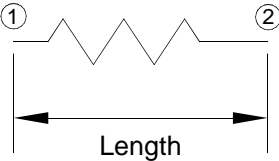
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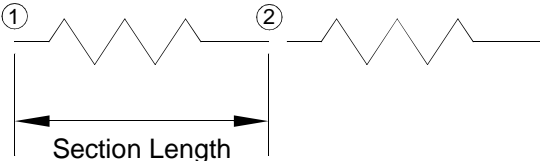
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Element Types

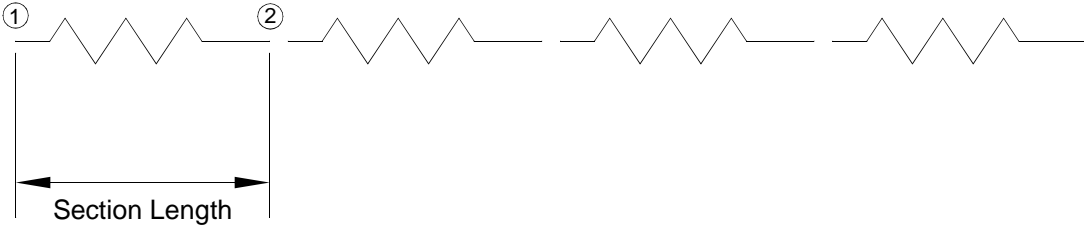
A) Single Element



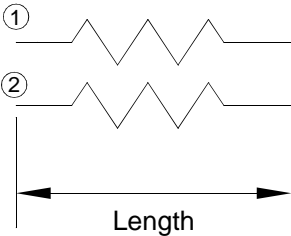
C) Two Section Element



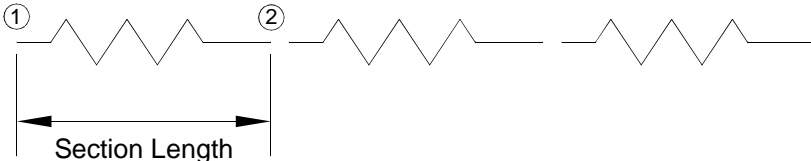
E) Four Section Element



B) Dual Element



D) Three Section Element



Note: Resistance / Section Resistance is measured between points (1) and (2)  
If no element type is specified, all elements are type A

<u>WORK ORDER</u> Mars	
<u>PROJECT DESCRIPTION</u> Load Section, 480V, 3Ø, 750KW	
<u>BOOK</u> Mars 750	
<u>LOCATION</u> Mars Load Bank	
<u>FUNCTION</u> Main Function	
<u>DESCRIPTION</u> Load Elements (Sectional)	
<u>DRAWN BY</u> JLW	
<u>FOLDER</u> Simplex Reference Only	
<u>DRAWING NUMBER</u> SWE-00228	
<u>PAGE NUMBER</u> L11	
<u>DATE</u> 3/24/2014	<u>REVISION</u> A



## Control Wire List - By Location 1/1

Note: Unless specified otherwise, all wiring copper



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#	End A	End B	Gauge	Wire Color	Temp
L31	TB-L-8:	-OLR1:97	18	Red	105C
L50	-OLR1:98	TB-L-9:	18	Red	105C
L32	TB-L-10:	-OLR1:95	16	Black	105C
L33	TB-L-11:	-RC1:L	16	Black	105C
L34	TB-L-12:	-RC2:L	16	Black	105C
L35	TB-L-13:	-RC3:L	16	Black	105C
L36	TB-L-14:	-RC4:L	16	Black	105C
L38	TB-L-15:	-RC5:L	16	Black	105C
L43	TB-L-16:	-RC7:L	16	Black	105C
L48	TB-L-17:	-RC12:L	16	Black	105C
L30	-F3:1	TB-L-4:	16	Black	105C
L51	-FMC1:N	TB-L-7:	16	White	105C
L49	-OLR1:96	-FMC1:L	16	Black	105C
L52	-RC1:N	-RC2:N	16	White	105C
L67	-RC1:N	TB-L-7:	16	White	105C
L53	-RC2:N	-RC3:N	16	White	105C
L54	-RC3:N	-RC4:N	16	White	105C
L55	-RC4:N	-RC5:N	16	White	105C
L56	-RC5:N	-RC6:N	16	White	105C
L37	-RC6:L	-RC5:L	16	Black	105C
L57	-RC6:N	-RC7:N	16	White	105C
L39	-RC7:L	-RC8:L	16	Black	105C
L58	-RC7:N	-RC8:N	16	White	105C
L40	-RC8:L	-RC9:L	16	Black	105C
L59	-RC8:N	-RC9:N	16	White	105C
L41	-RC9:L	-RC10:L	16	Black	105C
L60	-RC9:N	-RC10:N	16	White	105C
L42	-RC10:L	-RC11:L	16	Black	105C
L61	-RC10:N	-RC11:N	16	White	105C
L62	-RC11:N	-RC12:N	16	White	105C
L44	-RC12:L	-RC13:L	16	Black	105C
L63	-RC12:N	-RC13:N	16	White	105C
L45	-RC13:L	-RC14:L	16	Black	105C
L64	-RC13:N	-RC14:N	16	White	105C
L46	-RC14:L	-RC15:L	16	Black	105C
L65	-RC14:N	-RC15:N	16	White	105C
L47	-RC15:L	-RC16:L	16	Black	105C
L66	-RC15:N	-RC16:N	16	White	105C
L26	-T1:X1	-F3:0	16	Black	105C
L23	-T1:X4	TB-L-6:	16	White	105C
L24	-T1:X4	-Ground:	14	Green	105C

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<u>WORK ORDER</u>	Mars
<u>PROJECT DESCRIPTION</u>	Load Section, 480V, 3Ø, 750KW
<u>BOOK</u>	Mars 750
<u>LOCATION</u>	Mars Load Bank
<u>FUNCTION</u>	Main Function
<u>DESCRIPTION</u>	Control Wire List - By Location 1/
<u>DRAWN BY</u>	JLW
<u>FOLDER</u>	Simplex Reference Only
<u>DRAWING NUMBER</u>	SWE-00228
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## Load Wire List - By Location 1/1

Note: Unless specified otherwise, all wiring copper



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REVISIONS & UPDATES			
A	3/24/2014	Original Submittal	JLW
REV	DATE	DESCRIPTION	APPROVED

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<u>WORK ORDER</u>	
Mars	
<u>PROJECT DESCRIPTION</u>	
Load Description, 480V, 3Ø, 750KW	
<u>BOOK</u>	
Mars 750	
<u>LOCATION</u>	
Mars Load Bank	
<u>FUNCTION</u>	
Main Function	
<u>DESCRIPTION</u>	
Load Wire List - By Location 1/1	
<u>DRAWN BY</u>	
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<u>DRAWING NUMBER</u>	
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<u>PAGE NUMBER</u>	
L13	
<u>DATE</u> 3/24/2014	<u>REVISION</u> A

## Center Subpanel-Center Subpanel

#	End A	End B	Gauge	Wire Color	Temp
L8	-CB1:T1	-FMC1:L1	12	Black	150C
L11	-CB1:T1	-F1:0	12	Black	150C
L9	-CB1:T2	-FMC1:L2	12	Red	150C
L12	-CB1:T2	-F2:0	12	Red	150C
L10	-CB1:T3	-FMC1:L3	12	Blue	150C
L13	-CB1:T3	-MF3:0	12	Blue	150C
L14	-F1:0	-MF1:0	12	Black	150C
L22	-F1:1	-T1:H1	12	Black	150C
L15	-F2:0	-MF2:0	12	Red	150C
L25	-F2:1	-T1:H4	12	Red	150C
L16	-FMC1:T1	-OLR1:L3	12	Black	150C
L17	-FMC1:T2	-OLR1:L2	12	Red	150C
L18	-FMC1:T3	-OLR1:L1	12	Blue	150C
L27	-MF1:1	TB-L-1:	12	Black	150C
L28	-MF2:1	TB-L-2:	12	Red	150C
L29	-MF3:1	TB-L-3:	12	Blue	150C
L91	-RC1:L1	-RC2:L1	8	Black	150C
L92	-RC1:L1	-RF1:	8	Black	150C
L100	-RC1:L2	-RC2:L2	8	Red	150C
L101	-RC1:L2	-RF2:	8	Red	150C
L107	-RC1:L3	-RC2:L3	8	Blue	150C
L108	-RC1:L3	-RF3:	8	Blue	150C
L133	-RC3:L1	-RF4:1	8	Black	150C
L143	-RC3:L2	-RF5:1	8	Red	150C
L149	-RC3:L3	-RF6:1	8	Blue	150C
L157	-RC4:L1	-RF7:1	8	Black	150C
L167	-RC4:L2	-RF8:1	8	Red	150C
L173	-RC4:L3	-RF9:1	8	Blue	150C
L181	-RC5:L1	-RF10:1	8	Black	150C
L191	-RC5:L2	-RF11:1	8	Red	150C
L197	-RC5:L3	-RF12:1	8	Blue	150C
L205	-RC6:L1	-RF13:1	8	Black	150C
L215	-RC6:L2	-RF14:1	8	Red	150C
L221	-RC6:L3	-RF15:1	8	Blue	150C
L229	-RC7:L1	-RF16:1	8	Black	150C
L239	-RC7:L2	-RF17:1	8	Red	150C
L245	-RC7:L3	-RF18:1	8	Blue	150C
L253	-RC8:L1	-RF19:1	8	Black	150C
L263	-RC8:L2	-RF20:1	8	Red	150C
L269	-RC8:L3	-RF21:1	8	Blue	150C
L277	-RC9:L1	-RF22:1	8	Black	150C
L287	-RC9:L2	-RF23:1	8	Red	150C
L293	-RC9:L3	-RF24:1	8	Blue	150C
L301	-RC10:L1	-RF25:1	8	Black	150C
L311	-RC10:L2	-RF26:1	8	Red	150C
L317	-RC10:L3	-RF27:1	8	Blue	150C
L93	-RF28:1	-RC11:L1	8	Black	150C
L102	-RF29:1	-RC11:L2	8	Red	150C
L109	-RF30:1	-RC11:L3	8	Blue	150C

-> Center Subpanel-Center Subpanel

#	End A	End B	Gauge	Wire Color	Temp
L114	-RF31:1	-RC12:L1	8	Black	150C
L121	-RF32:1	-RC12:L2	8	Red	150C
L126	-RF33:1	-RC12:L3	8	Blue	150C
L134	-RF34:1	-RC13:L1	8	Black	150C
L144	-RF35:1	-RC13:L2	8	Red	150C
L150	-RF36:1	-RC13:L3	8	Blue	150C
L158	-RF37:1	-RC14:L1	8	Black	150C
L168	-RF38:1	-RC14:L2	8	Red	150C
L174	-RF39:1	-RC14:L3	8	Blue	150C
L182	-RF40:1	-RC15:L1	8	Black	150C
L192	-RF41:1	-RC15:L2	8	Red	150C
L198	-RF42:1	-RC15:L3	8	Blue	150C
L206	-RF43:1	-RC16:L1	8	Black	150C
L216	-RF44:1	-RC16:L2	8	Red	150C
L222	-RF45:1	-RC16:L3	8	Blue	150C

## Center Subpanel-Customer Supplied

#	End A	End B	Gauge	Wire Color	Temp
L90	-LR1:1	-RC1:T1	8	Black	150C
L99	-LR2:1	-RC1:T2	8	Red	150C
L106	-LR3:1	-RC1:T3	8	Blue	150C
L113	-LR4:1	-RC2:T1	8	Black	150C
L120	-LR5:1	-RC2:T2	8	Red	150C
L125	-LR6:1	-RC2:T3	8	Blue	150C
L132	-LR7:1	-RC3:T1	8	Black	150C
L128	-LR9:1	-RC3:T2	8	Red	150C
L140	-LR11:1	-RC3:T3	8	Blue	150C
L155	-LR13:1	-RC4:T1	8	Black	150C
L152	-LR15:1	-RC4:T2	8	Red	150C
L164	-LR17:1	-RC4:T3	8	Blue	150C
L179	-LR19:1	-RC5:T1	8	Black	150C
L176	-LR21:1	-RC5:T2	8	Red	150C
L188	-LR23:1	-RC5:T3	8	Blue	150C
L203	-LR25:1	-RC6:T1	8	Black	150C
L200	-LR27:1	-RC6:T2	8	Red	150C
L212	-LR29:1	-RC6:T3	8	Blue	150C
L227	-LR31:1	-RC7:T1	8	Black	150C
L224	-LR33:1	-RC7:T2	8	Red	150C
L236	-LR35:1	-RC7:T3	8	Blue	150C
L251	-LR37:1	-RC8:T1	8	Black	150C
L248	-LR39:1	-RC8:T2	8	Red	150C
L260	-LR41:1	-RC8:T3	8	Blue	150C
L275	-LR43:1	-RC9:T1	8	Black	150C
L272	-LR45:1	-RC9:T2	8	Red	150C
L284	-LR47:1	-RC9:T3	8	Blue	150C
L299	-LR49:1	-RC10:T1	8	Black	150C
L296	-LR51:1	-RC10:T2	8	Red	150C
L308	-LR53:1	-RC10:T3	8	Blue	150C

-> Center Subpanel-Customer Supplied

#	End A	End B	Gauge	Wire Color	Temp
L94	-RC11:T1	-LR55:1	8	Black	150C
L97	-RC11:T2	-LR57:1	8	Red	150C
L104	-RC11:T3	-LR59:1	8	Blue	150C
L115	-RC12:T1	-LR61:1	8	Black	150C
L118	-RC12:T2	-LR63:1	8	Red	150C
L123	-RC12:T3	-LR65:1	8	Blue	150C
L135	-RC13:T1	-LR67:1	8	Black	150C
L138	-RC13:T2	-LR69:1	8	Red	150C
L146	-RC13:T3	-LR71:1	8	Blue	150C
L159	-RC14:T1	-LR73:1	8	Black	150C
L162	-RC14:T2	-LR75:1	8	Red	150C
L170	-RC14:T3	-LR77:1	8	Blue	150C
L183	-RC15:T1	-LR79:1	8	Black	150C
L186	-RC15:T2	-LR81:1	8	Red	150C
L194	-RC15:T3	-LR83:1	8	Blue	150C
L207	-RC16:T1	-LR85:1	8	Black	150C
L210	-RC16:T2	-LR87:1	8	Red	150C
L218	-RC16:T3	-LR89:1	8	Blue	150C

### Center Subpanel-Door Frame

#	End A	End B	Gauge	Wire Color	Temp
L2	MLB-A:	-DS1:L1	12	Black	150C
L3	MLB-B:	-DS1:L2	12	Red	150C
L4	MLB-C:	-DS1:L3	12	Blue	150C
L5	-DS1:T1	-CB1:L1	12	Black	150C
L6	-DS1:T2	-CB1:L2	12	Red	150C
L7	-DS1:T3	-CB1:L3	12	Blue	150C

## Center Subpanel-Load Section

#	End A	End B	Gauge	Wire Color	Temp
L1	-Ground:	-MOT1:Gnd	12	Green	150C
L21	-OLR1:T1	-MOT1:L3	12	Blue	150C
L20	-OLR1:T2	-MOT1:L2	12	Red	150C
L19	-OLR1:T3	-MOT1:L1	12	Black	150C

## Customer Supplied-Customer Supplied

#	End A	End B	Gauge	Wire Color	Temp
L131	-LR12:1	-LR7:1	8	Black	150C
L156	-LR18:1	-LR13:1	8	Black	150C
L180	-LR24:1	-LR19:1	8	Black	150C
L204	-LR30:1	-LR25:1	8	Black	150C
L228	-LR36:1	-LR31:1	8	Black	150C
L252	-LR42:1	-LR37:1	8	Black	150C
L276	-LR48:1	-LR43:1	8	Black	150C
L300	-LR54:1	-LR49:1	8	Black	150C
L95	-LR55:1	-LR60:1	8	Black	150C
L116	-LR61:1	-LR66:1	8	Black	150C
L136	-LR67:1	-LR72:1	8	Black	150C

-> Customer Supplied-Customer Supplied

#	End A	End B	Gauge	Wire Color	Temp
L160	-LR73:1	-LR78:1	8	Black	150C
L184	-LR79:1	-LR84:1	8	Black	150C
L208	-LR85:1	-LR90:1	8	Black	150C