TWO SINGLE MCC UNITS

SECTION A-A'

SECTION B-B'

SECTION C-C'

SECTION D-D'

PLAN VIEW: SCHNEIDER, GE, SEIMENS, AND GENERIC

PLAN VIEW: EATON AND ALLEN-BRADLEY

TABLE A: MCC TO HOUSEKEEPING PAD ANCHORAGE

<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>W (IN)</th>
<th>H (IN)</th>
<th>D (IN)</th>
<th>WT (LP)</th>
<th>B (IN)</th>
<th>C (IN)</th>
<th>D (IN)</th>
<th>E (IN)</th>
<th>F (IN)</th>
<th>ANCHORAGE / UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCHNEIDER (MODEL 6) MCC</td>
<td>40 - 240</td>
<td>90</td>
<td>5</td>
<td>0.7 - 8.4</td>
<td>10</td>
<td>10</td>
<td>14.96</td>
<td>6</td>
<td>20</td>
<td>(4) 1/2&quot; HILTI HIT-RE 500-V3 V3 ANCHOR</td>
</tr>
<tr>
<td>GENERAL ELECTRIC (KRAMICC) MCC</td>
<td>20 - 240</td>
<td>90</td>
<td>2.06</td>
<td>0.7 - 8.4</td>
<td>15.02</td>
<td>4.16</td>
<td>13.73</td>
<td>6</td>
<td>20</td>
<td>(4) 1/2&quot; HILTI HIT-RE 500-V3 V3 ANCHOR</td>
</tr>
<tr>
<td>SEIMENS (XTSTAR MCC)</td>
<td>20 - 240</td>
<td>90</td>
<td>2.25</td>
<td>0.7 - 8.4</td>
<td>14.5</td>
<td>5.3</td>
<td>16.69</td>
<td>6</td>
<td>20</td>
<td>(4) 1/2&quot; HILTI HIT-RE 500-V3 V3 ANCHOR</td>
</tr>
<tr>
<td>EATON (FREEDOM 2100 MCC)</td>
<td>20 - 240</td>
<td>90</td>
<td>2</td>
<td>0.7 - 8.4</td>
<td>6</td>
<td>4</td>
<td>16.38</td>
<td>6</td>
<td>20</td>
<td>(4) 1/2&quot; HILTI HIT-RE 500-V3 V3 ANCHOR</td>
</tr>
<tr>
<td>ALLEN-BRADLEY (CERTIFICATE 2100 MCC)</td>
<td>20 - 240</td>
<td>90</td>
<td>2</td>
<td>0.7 - 8.4</td>
<td>9.26</td>
<td>3</td>
<td>11.56</td>
<td>6</td>
<td>20</td>
<td>(4) 1/2&quot; HILTI HIT-RE 500-V3 V3 ANCHOR</td>
</tr>
<tr>
<td>GENERAL (USER MCC)</td>
<td>20 - 240</td>
<td>90</td>
<td>2</td>
<td>0.7 - 8.4</td>
<td>10</td>
<td>13</td>
<td>11</td>
<td>6</td>
<td>20</td>
<td>(4) 1/2&quot; HILTI HIT-RE 500-V3 V3 ANCHOR</td>
</tr>
</tbody>
</table>

WIDTH OF ONE MCC UNIT IS 20", W IS THE WIDTH OF THE UNIT TIMES TWO OF THE NUMBER OF UNITS, e.g. THE M7 SHOWN FOR SCHNEIDER IS BASED ON 20" WIDTH X 2 UNITS, etc.

THE DIMENSION D REFERS TO THE DISTANCE FROM THE TOP OF THE MCC TO THE CENTER OF GRAVITY. THIS IS BASED ON THE WEIGHT OF MCC UNITS CONTAINING A SINGLE BUCKET PER UNIT. TO USE THIS DESIGN FOR MCC WITH MULTIPLE BUCKETS PER UNIT, USE 2" IN W X AVG. # OF 12" BUCKETS PER UNIT.}

NOTES FOR EOR:
1. BOT TO BE PROJECT SPECIFIC
2. COMPLY WITH CURRENT EDITION OF LANL CAD STANDARDS MANUAL
4. ADHESIVE ANCHORS PER LANL MASTER SPEC FOR NORMAL CONCRETE POST-INSTALLED ANCHORS
5. ADHESIVE ANCHOR SHALL BE INSTALLED IN COMPLIANCE WITH THE SPECIFICATIONS

GENERAL NOTES:
A. IF THIS SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY
B. THIS DETAIL SHALL NOT BE USED FOR ANCHORAGE FOR LESS THAN TWO SCHNEIDER MODEL 6 MCC UNITS
C. ADHESIVE ANCHORS:
   • 1/2" ASTM 193 GRADE B7 THREADED BOLT AS PER ICC-ESR-3814
   • MINIMUM EFFECTIVE EMBEDMENT INSTALL ANCHORS PER MPII AND ICC-ESR-3814
   • EMBED THE EXISTING REBAR PATTERN 4" AROUND CONCRETE TO PROVIDE A MINIMUM 6" TYP TO AVOID CONTACT WITH EXISTING REBAR & CONCRETE ANCHORS TO PROVIDE A MINIMUM 6" TYP TO AVOID CONTACT WITH EXISTING REBAR & CONCRETE
   • ESTABLISH THE EXISTING REBAR PATTERN 4" AROUND CONCRETE TO PROVIDE A MINIMUM 6" TYP TO AVOID CONTACT WITH EXISTING REBAR & CONCRETE ANCHORS TO PROVIDE A MINIMUM 6" TYP TO AVOID CONTACT WITH EXISTING REBAR & CONCRETE
   • POST INSTALLED ANCHORS
   • MINIMUM CONCRETE EDGE DISTANCE = 8".
   • MINIMUM CONCRETE PROPERTIES FOR ANCHORS: CONCRETE TO BE NORMAL WEIGHT
   • CONCRETE COMPRESSION STRENGTH F'C = 2500 PSI
   • MINIMUM PAD THICKNESS = 4".
   • ALL SPECIAL INSPECTIONS FOR ANCHORS SHALL BE COMPLETED PER THE STATEMENT OF SPECIAL INSPECTIONS

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5. IF THIS SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY
6. THIS DETAIL SHALL NOT BE USED FOR ANCHORAGE FOR LESS THAN TWO SCHNEIDER MODEL 6 MCC UNITS
7. ADHESIVE ANCHORS:
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   • MINIMUM EFFECTIVE EMBEDMENT INSTALL ANCHORS PER MPII AND ICC-ESR-3814
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