**Wires**

<table>
<thead>
<tr>
<th>Wire</th>
<th>Color/Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>HV+, HV1</td>
<td>RED #12 AWG</td>
</tr>
<tr>
<td>HVGND</td>
<td>BLK #12 AWG</td>
</tr>
<tr>
<td>+12V</td>
<td>RED #18 AWG</td>
</tr>
<tr>
<td>12VCOM</td>
<td>BLK #18 AWG</td>
</tr>
<tr>
<td>+5V</td>
<td>GRN #18 AWG</td>
</tr>
<tr>
<td>5VCOM</td>
<td>WHT #18 AWG</td>
</tr>
<tr>
<td>GND</td>
<td>GRN #12 AWG</td>
</tr>
</tbody>
</table>

*Unless otherwise noted*

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**High Voltage Terminals**

**Safety Circuit**

**Thermal Switch**

**120V N GND**

**SAFETY Circuit J7**

**120 VAC**

**SAFETY Circuit J11**

**High Volt DC**

**12V/3V Supply JB8**

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**Lafayette**

**Title**

EDS Wiring Diagram

**Drawn By**

STEVE LOCKETT

**Date**

5 - 12 - 2009

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**Terminal in ESS Enclosure**

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Lafayette College
Easton, Pa
ECE Department