### Electrical Panelboard Schedule

#### NOTES:

1. SEE SHEET 1 FOR GENERAL NOTES.
2. CIRCUIT A RECEIVED FOR PUMP TESTING AS A PUMP IS DISCONNECTED FROM ITS ORIGINAL CIRCUIT AND PLUGGED INTO CIRCUIT B, THE VACUUM LOAD IS NOT ALTERED.
3. CIRCUIT B POURS FOUR HEAT TRACE LINES. TWO LINES POWER THE NEW AND RECORD SAMPLE LINES WITHIN THE VESSEL VENT CARNET, ONE LINE HEATS VESSEL WITH SAMPLE LOAD AND ONE LINE HEATS THE MAIN VENT CHAMBER AND IS REGULATED BY A HEAT TRACE CONTROLLER LOCATED ON THE LAWBORATORY BEFORE THE SECOND FLOOR.

### Panelboard Schedule Details

<table>
<thead>
<tr>
<th>VA</th>
<th>Scheme Number</th>
<th>Date</th>
<th>Description</th>
<th>Circuit A</th>
<th>Circuit B</th>
<th>Circuit C</th>
<th>Circuit D</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>589</td>
<td>BETA VAC PUMP</td>
<td>1</td>
<td>1076</td>
<td>HEAT TRACE</td>
<td>4</td>
<td>5</td>
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<tr>
<td>15</td>
<td>1</td>
<td>INSTRUMENT CONNECTION BOX</td>
<td>3</td>
<td>2</td>
<td>CONVENIENCE RECEPTACLE</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>20</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>15</td>
<td>3</td>
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</tr>
<tr>
<td>20</td>
<td>4</td>
<td>RECORD SAMPLE VAC PUMP</td>
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<tr>
<td>180</td>
<td>5</td>
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</tr>
<tr>
<td>1,080</td>
<td>6</td>
<td>CONVENIENCE RECEPTACLE (CONG. RECEPT)</td>
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</tr>
<tr>
<td>180</td>
<td>7</td>
<td>NON-SHABBED OUTLET</td>
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<td>360</td>
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<td>VESSEL VENT CARNET</td>
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<tr>
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</table>

**Subtotal:**

- **Vacuum Load:** 1,080
- **Total VA Phase A:** 2,516
- **Total VA Phase B:** 1,663
- **Total VA Phase C:** 1,080

**Total VA Phase D:** 1,080

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**DATE:** Apr 19, 2018

**MANFORD RELEASE**

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**U.S. DEPARTMENT OF ENERGY**
**Office of River Protection**
**ELECTRICAL PANELBOARD SCHEDULE**

**NAME:**
**COUNTER:**
**FUNCTION:**
**SHEET:** B
**REV.:** 2

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**REFERENCES**

**REF NUMBER:**
**TITLE:** ECN-714111

**NEXT USED ON:** H-2-85322 3M 1

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**DATE:**

**DRAFTING NUMBER:** 26221

**REVISIONS:**