### Cable and Location Details

<table>
<thead>
<tr>
<th>CABLE</th>
<th>LOCATION</th>
<th>LENGTH INSIDE SPECTROGRAPH</th>
<th>TOTAL LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duplex Fibers (4 ea.)</td>
<td>Locker #2</td>
<td>7'</td>
<td>68'</td>
</tr>
<tr>
<td>Coax (5 ea.)</td>
<td>Locker #3</td>
<td>4'</td>
<td>65'</td>
</tr>
<tr>
<td>AC Power (2 ea.)</td>
<td>Locker #1</td>
<td>10'</td>
<td>71'</td>
</tr>
<tr>
<td>Cooling Lines (2 ea.)</td>
<td>Locker #3</td>
<td>4'</td>
<td>65'</td>
</tr>
<tr>
<td>Air</td>
<td>Locker #</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>Locker #</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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**Diagram Details**

- **Spectrograph**: Central circular component labeled as SPECTROGRAPH.
- **2 Meters**: Marked along the cable.
- **Service Loop**: 25' long.
- **1/2 Circumference**: 11' long.
- **Cable Take-Up**: 25' long.

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**Technical Details**

- **UNIVERSITY OF CALIFORNIA LICK OBSERVATORY**
- **CABLE BUNDLE ESI SPECTROGRAPH**

**Design Information**

- **DES’N BY**: B. Alcott
- **ORIGIN DATE**: 3/8/99
- **DWG. NO.**: EL-3389-1D
- **Last SN**: MODIFY DATE:  
- **PATH**: AMOS\CBUNDLE  
- **REV. A**