**GENERAL ELECTRICAL NOTES:**

1. All marks shown as dimensions, to bear, shall be functional in the end of construction.
2. No electrical (or automotive) device shall be removed without written authority from the owner.
3. No electrical device (or automotive device) shall be removed without written authority from the owner.
4. Any wiring, electrical equipment, or other electrical assembly shall be tightened or replaced as necessary.
5. All work in electrical devices shall be tightened or replaced as necessary.
6. All electrical devices shall be tightened or replaced as necessary.
7. All electrical devices shall be tightened or replaced as necessary.
8. All electrical devices shall be tightened or replaced as necessary.
9. All electrical devices shall be tightened or replaced as necessary.
10. All electrical devices shall be tightened or replaced as necessary.

**ELECTRICAL SPECIFICATIONS:**

1. Provide all equipment and to hold necessary and complete units.
2. Provide a three-phase service entrance for each phase of the intended use.
3. Equipment and materials shall be labeled and marked for easy identification.
4. Provide complete system of equipment and materials, complete and proper.
5. Provide complete system of equipment and materials, complete and proper.
6. Provide complete system of equipment and materials, complete and proper.

**ELECTRICAL LEGEND:**

- [Legend items]

**INDEX OF ELECTRICAL DRAWINGS**

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**ONE-LINE DIAGRAM**
EQUIPMENT SCHEDULE

The NexION 2000 ICP-MS has the following connections:

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Voltage / Phase</th>
<th>Load</th>
<th>Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>NexION 2000 ICP-MS</td>
<td>208V, 1phase</td>
<td>3200VA</td>
<td>IEC60309</td>
</tr>
</tbody>
</table>

Computer:

- Voltage / Phase: 120V, 1phase
- Load: 800VA
- Connection: Nema 5-15R

Printer:

- Voltage / Phase: 120V, 1phase
- Load: 800VA
- Connection: Nema 5-15R

Roughing Pump:

- Voltage / Phase: 208V, 1phase
- Load: 1500VA
- Connection: Nema 6-15R

Cooling System:

- Voltage / Phase: 208V, 1phase
- Load: 2400VA
- Connection: Nema 6-15R

The Agilent 7800/7900 has the following connections:

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Voltage / Phase</th>
<th>Load</th>
<th>Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agilent 7800/7900</td>
<td>208V, 1phase</td>
<td>4896VA</td>
<td>Nema L6-30R</td>
</tr>
</tbody>
</table>

Computer:

- Voltage / Phase: 120V, 1phase
- Load: 800VA
- Connection: Nema 5-15R

Printer:

- Voltage / Phase: 120V, 1phase
- Load: 800VA
- Connection: Nema 5-15R

Heat Exchanger:

- Voltage / Phase: 120V, 1phase
- Load: 600VA
- Connection: Nema 5-15R

Chiller:

- Voltage / Phase: 208V, 1phase
- Load: 2900VA
- Connection: Nema 6-15R

Autosampler:

- Voltage / Phase: 120V, 1phase
- Load: <120VA
- Connection: Nema 5-15R

GENERAL ELECTRICAL NOTES:

- All dimensions and electrical sizes are to
  - Scale: 1 inch = 8 feet

TAGGED ELECTRICAL NOTES:

- [ ] The electrical panel is to be housed in a weatherproof
  - 208V, 1phase
  - 240V, 1phase
  - 120V, 1phase
  - 50VA, 1phase

- [ ] The electrical panel is to be housed in a weatherproof
  - 208V, 1phase
  - 240V, 1phase
  - 120V, 1phase
  - 50VA, 1phase

- [ ] The electrical panel is to be housed in a weatherproof
  - 208V, 1phase
  - 240V, 1phase
  - 120V, 1phase
  - 50VA, 1phase

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  - 120V, 1phase
  - 50VA, 1phase

- [ ] The electrical panel is to be housed in a weatherproof
  - 208V, 1phase
  - 240V, 1phase
  - 120V, 1phase
  - 50VA, 1phase

SECOND FLOOR POWER PLAN

- Scale: 1 inch = 8 feet

PROJECT:

- WELD COUNTY HEALTH DEPARTMENT LAB

SHEET TITLE:

- POWER PLAN

ISSUE DATE:

- 3/20/19

REVISIONS:

- 1

PROJECT NO.:

- 1680

SHEET NO.:

- E1
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ELECTRICAL SCHEDULES AND DETAILS

3/20/19 FOR PERMIT E3

GROUND BAR DETAILS

PROJECT: WELD COUNTY HEALTH DEPARTMENT LAB

SHEET TITLE: ELECTRICAL SCHEDULES AND DETAILS

ISSUE DATE: 3/20/19 FOR PERMIT E3

REVISIONS:

PROJECT NO.: 1860

SHEET NO.: E3