The Work shall be revised in accordance with the following supplemental instructions and shall be carried out in accordance with the Contract Documents. Prior to proceeding with the work described, the Contractor is to determine if the work is to affect the contract amount. If additional costs are to be incurred, the Contractor shall submit an itemized cost breakdown showing time, material and other items affected by the change. After acceptance of this work and associated costs, a change order will be prepared for signatures to affect a change to the contract.

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Please see attached Electrical ASI #5 from Spectrum Engineer prepared in coordination with Owner for circuiting update at TDR Room.</td>
</tr>
</tbody>
</table>

**Attachments:**

ASI #5 Memo from Spectrum Engineers
Electrical ASI #05

Project: Dialysis Clinic Expansion
Project No: 20190957

From: Peter Johansen
Date: May 05, 2020

DRAWINGS

EE601 / EP101

1. Updated circuiting details for TDR A126.
<table>
<thead>
<tr>
<th>No.</th>
<th>Amps</th>
<th>Circuit</th>
<th>Load Description</th>
<th>Panel</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.0</td>
<td>0.0</td>
<td>2.0 kVA @ 125%</td>
<td>3</td>
<td>125V</td>
</tr>
<tr>
<td>2</td>
<td>0.0</td>
<td>0.0</td>
<td>4.3 kVA @ 125%</td>
<td>3</td>
<td>208V</td>
</tr>
<tr>
<td>3</td>
<td>0.0</td>
<td>0.0</td>
<td>23.9 kVA @ 71%</td>
<td>3</td>
<td>220V</td>
</tr>
</tbody>
</table>

**Lighting & Continous Loads:**

<table>
<thead>
<tr>
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<th>Amps</th>
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<td>4.3 kVA @ 125%</td>
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<td>208V</td>
</tr>
<tr>
<td>3</td>
<td>0.0</td>
<td>0.0</td>
<td>23.9 kVA @ 71%</td>
<td>3</td>
<td>220V</td>
</tr>
</tbody>
</table>

**Panel Specification:**

- Panel Type: ELEC CENTRAL
- Location: 20190957
- Designated for 120/208V, 3 PH 4 WIRE 22" W x 6" D, BOLT-ON 100 AMPER
- Main LUGS EDP SURFACE ELEC A135

**Area Code:**

- AF=ARC FAULT CURRENT INTERRUPTER
- GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER
- GS=COMBINATION OF SHUNT TRIP WITH GFCI

**AIC Rating:**

- 21A
- 187V
- 67.3A

**NEC Diversified Load Calculations:**

- MOTOR TOTALS INCLUDED IN ALL OTHER LOADS
- FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE
- 100% CONNECTED LOAD PLUS 25% TOTAL DIVERSIFIED kVA
- CONNECTED TOTAL kVA
- AVERAGE CONNECTED AMPS PER PHASE

- PANEL: EQ1
- LARGEST MOTOR CALCULATED @ 125% PER NEC
- MOTOR TOTALS INCLUDED IN ALL OTHER LOADS
- FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE
- 100% CONNECTED LOAD PLUS 25% TOTAL DIVERSIFIED kVA
- CONNECTED TOTAL kVA
- AVERAGE CONNECTED AMPS PER PHASE

**Other Notes:**

- LIGHTING & CONTINUOUS LOADS
- RECEPTACLES
- 0.5 kVA @ 125% = 0.6 kVA
- 23.9 kVA @ 71% = 17.0 kVA
- MOTOR TOTALS INCLUDED IN ALL OTHER LOADS
- FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE
- 100% CONNECTED LOAD PLUS 25% TOTAL DIVERSIFIED kVA
- CONNECTED TOTAL kVA
- AVERAGE CONNECTED AMPS PER PHASE

**Contact Information:**

- Northpointe Medical Park, Bldg B
- 2356 North 400 East, Suite #102
- Tooele, Utah 84074
- www.njraarchitects.com

**Project Details:**

- NJRA Project #5272 S. College Drive, Suite104
- 02/03/20
- ASI #05 05/05/20