GENERAL ELECTRICAL NOTES

1. All wiring is to be finished in a neat and professional manner.
2. All electrical shall be installed in a neat and professional manner.
3. All panels shall be bonded to a properly sized bonding strap as specified.
4. All power is to be supplied at 208/120V three-phase, 60 Hz.
5. All electrical power is to be provided by a local electrical contractor.
6. All electrical power is to be provided by a local electrical contractor.
7. All electrical power is to be provided by a local electrical contractor.
8. All electrical power is to be provided by a local electrical contractor.

GENERAL MECHANICAL NOTES

1. All chiller piping shall be connected with a 1/8"-inch diameter copper pipe.
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3. All chiller piping shall be connected with a 1/8"-inch diameter copper pipe.
4. All chiller piping shall be connected with a 1/8"-inch diameter copper pipe.
5. All chiller piping shall be connected with a 1/8"-inch diameter copper pipe.

CHILLER SCHEDULE

<table>
<thead>
<tr>
<th>TAG</th>
<th>MFR &amp; MODEL</th>
<th>AREA SERVED</th>
<th>LOCATION</th>
<th>CT. CAPACITY</th>
<th>EER</th>
<th>NET CHILLER CAPACITY</th>
<th>EWT</th>
<th>LWT</th>
<th>WATER GPM</th>
<th>CFM</th>
<th>FAN</th>
<th>KW</th>
<th>FAN RPM</th>
<th>RLA AMPS</th>
<th>MOCP</th>
<th>TOTAL MCA</th>
<th>VOLT/PH/HZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH-1</td>
<td>CARRIER</td>
<td>ST. ANDREWS HALL</td>
<td>OUTDOOR</td>
<td>31.5 TON</td>
<td>52.2</td>
<td>44</td>
<td>100.0</td>
<td>29,600</td>
<td>-</td>
<td>-</td>
<td>35.1</td>
<td>-</td>
<td>100.0</td>
<td>91.1</td>
<td>208/3/60</td>
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</table>

NOTE 1: PROVIDE DISCONNECT SWITCH, PIPE STRAINER, FLEX CONNECTIONS, UNIONS, FLOW SWITCH, VIBRATION ISOLATORS, DDC MICROPROCESSOR UNIT CONTROLLER WITH ALARMS, AND DIGITAL INPUTS AND OUTPUTS. REUSE EXISTING DISCONNECT SWITCH.

NOTE 2: NET CHILLER CAPACITY IS BASED ON A 40.0% CONCENTRATION OF PROPYLENE GLYCOL.

NOTE 3: PROVIDE DUAL PUMP PACKAGE AS SCHEDULED ON DRAWING.

NOTE 4: PROVIDE POWDER COATING OF FAN BLADES AND HOUSING. COLOR TO BE SELECTED BY OWNER REPRESENTATIVE. CONTRACTOR SHALL MAKE AVAILABLE TO OWNER THE FULL RANGE OF COLOR/FINISH OPTIONS.

NOTE 5: FANS SHALL BE FURNISHED BY ONE OF THE FOLLOWING: 1) BIG ASS FANS, ESSENCE SERIES 2) SKY BLADE FAN COMPANY, OR 3) RITE-HITE FANS

PUMP SCHEDULE

<table>
<thead>
<tr>
<th>UNIT NO.</th>
<th>SERVICE</th>
<th>LOCATION</th>
<th>GPM</th>
<th>HEAD FT.</th>
<th>W.C.</th>
<th>TYPE</th>
<th>MTR.</th>
<th>R.P.M.</th>
<th>VOLTAGE</th>
<th>PHASE</th>
<th>CYCLE</th>
<th>REMARKS</th>
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</thead>
<tbody>
<tr>
<td>P-1 &amp; 2</td>
<td>CHILLED WATER SYSTEM WITH CHILLER</td>
<td>100.0</td>
<td>119.0</td>
<td>IN-LINE RECIRCULATING</td>
<td>7.5</td>
<td>1750</td>
<td>208</td>
<td>3.0</td>
<td>60HZ</td>
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</table>

DUAL PUMP PACKAGE PROVIDED WITH CHILLER

CIRCULATION FAN SCHEDULE

<table>
<thead>
<tr>
<th>TAG</th>
<th>MFR &amp; MODEL</th>
<th>AREA SERVED</th>
<th>TYPE</th>
<th>CFM</th>
<th>TOP</th>
<th>DISCH. TEMP</th>
<th>MAXIMUM</th>
<th>MINIMUM</th>
<th>ELECT. WAT.</th>
<th>SUPPLY</th>
<th>DRIVE</th>
<th>REMARKS</th>
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<tr>
<td>CF-1</td>
<td>SEE NOTE-5</td>
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MECHANICAL SPECIFICATIONS

1. DESCRIPTION OF WORK

2. CODES, PERMITS AND INSPECTIONS

INSTRUCTIONS TO BIDDERS

ALL WORK SHOWN ON DRAWINGS SHALL BE PERFORMED IN THE MANNER INVOKED IN THE EXCUTION OF THE FOLLOWING:

1. PROVIDE SEPARATE DRAWINGS FOR ALL WORK ASSOCIATED WITH MECHANICAL RETROFIT DUCTWORK AND PIPING.

2. PROVIDE ALL MECHANICAL RETROFIT DUCTWORK AND PIPING DETAILS TO BE ANNOTATED ON THE CORRESPONDING DRAWINGS.

3. THE CONTRACTOR SHALL SUBMIT A COMPLIANT PACKAGE OF MATERIALS AND INSTALLATION INSTRUCTIONS TO THE PROJECT MANAGER FOR REVIEW AND APPROVAL.

4. PROVIDE ALL MATERIALS AND INSTALLATION INSTRUCTIONS TO BE APPROVED BY THE PROJECT MANAGER.

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