CHILLER REPLACEMENT
CONTRA COSTA COLLEGE
APPLIED ARTS BUILDING
2600 MISSION BELL DRIVE
SAN PABLO, CA 94806
PROJECT # C-1067

GENERAL NOTES
1. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CONTRA COSTA COLLEGE, STATE, FEDERAL, AND LOCAL
STANDARDS AND REQUIREMENTS.
FIRE PROTECTION CODE, AND THE BUILDING OFFICE/ENGINEERING REQUIREMENTS THAT APPLY TO THIS
PROJECT.
3. INSTALLATION OF ALL HARDWARE, MATERIALS, AND EQUIPMENT SHALL BE IN ACCORDANCE WITH THE
FIRE PROTECTION CODE, AND THE BUILDING OFFICE/ENGINEERING REQUIREMENTS THAT APPLY TO THIS
PROJECT.
4. ALL WORK SHALL BE ADEQUATE AND MEET ALL APPLICABLE ANSI, CUB, MCE, AND OTHER REQUIREMENTS.
5. GENERAL AND SPECIFIC DETAILED ISSUES AFFECTING THE INSTALLATION OF ALL HARDWARE,
MATERIALS, AND EQUIPMENT SHALL BE IN ACCORDANCE WITH THE FIRE PROTECTION CODE, AND THE
BUILDING OFFICE/ENGINEERING REQUIREMENTS THAT APPLY TO THIS PROJECT.

VICINITY MAP – 2600 MISSION BELL DRIVE, SAN PABLO, CA

APPLICABLE BUILDING CODES

2012 CALIFORNIA BUILDING CODE (2012 CBC), PART 1, TITLE 24 C.C.R.
2012 CALIFORNIA ELECTRICAL CODE (2012 CEC), PART 1, TITLE 24 C.C.R.
2013 CALIFORNIA MECHANICAL CODE (2013 MCE), PART 1, TITLE 24 C.C.R.
2013 CALIFORNIA PLUMBING CODE (2013 CPC), PART 1, TITLE 24 C.C.R.
2013 CALIFORNIA FIRE PROTECTION CODE (2013 FPC), PART 1, TITLE 24 C.C.R.

CAMPUS KEY PLAN

CONTRA COSTA COMMUNITY COLLEGE DISTRICT
320 COURT STREET
WALNUT, CA 91789

CONSULTING ENGINEERS

MECHANICAL ENGINEERS
MECHANICAL DESIGN STUDIO, INC.
8300 WILSHIRE BLVD., 11TH FLOOR
WILSHIRE, CA 90211
TEL. (310) 203-1144
FAX. (310) 203-1145

ELECTRICAL ENGINEERS
COWORKERS INC.
8300 WILSHIRE BLVD., 11TH FLOOR
WILSHIRE, CA 90211
TEL. (310) 203-1144
FAX. (310) 203-1145

DRAWING INDEX

TABLE OF CONTENTS
1. PROJECT
2. DRAWING SHEET INDEX
3. DRAWING NUMBERING SYSTEM
4. DRAWING LEGENDS AND SYMBOLS
5. SHEET number
6. SHEET title
7. SHEET scale
8. SHEET title block
9. SHEET number

T0.1

T0.1
## AIR-COOLED CHILLER SCHEDULE

<table>
<thead>
<tr>
<th>TAG</th>
<th>MANUFACTURER &amp; MODEL #</th>
<th>LOCATION</th>
<th>SERVICE</th>
<th>HP</th>
<th>RPM</th>
<th>VOLTS</th>
<th>CYCLE</th>
<th>PHASE</th>
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<td>208</td>
<td>2</td>
<td>3</td>
<td>350</td>
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**NOTES**
- 1. At air conditions maximum capacity at listed conditions.
- 2. Internal controls or water flow, pressure (if applicable).
- 3. Water flow, pressure (if applicable).
- 4. Chiller manufacturer to provide controls interface for integration with BAS.
- 5. Single pump within pump set (D01) - 207 GPM @ 30 PSI

## CHILLED WATER PUMP SCHEDULE

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</tr>
</tbody>
</table>

**NOTES**
- 1. Pump with tie ins on suction and discharge units.
- 2. VFD - N4B 180
- 3. Close coupling

## LEGEND

### WATER AND ACTUATOR

- **Description:** Various types of valves and actuators.
- **Example:** Ball valve (DN 100)

### PRESSURE PUMPING

- **Description:** Pressure pumps and pumps.
- **Example:** Check valve

### DRAWING CONVENTIONS

- **Description:** Various symbols and icons.
- **Example:** Water flow icon

**NOTE:** NOT ALL SYMBOLS OR ABBRIVATIONS APPLY.
CHILLER ROOM DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

(SHEET NOTES)

1. Relocate (1) chain link fence, provide gate or removable barrier for security (see General Note 1).

2. DEMO: (3) concrete piers.

3. (3) equipment and associated piping and controls to plans.

4. Include a pre-alternative to relocate the (3) area drain and replace piping if required by the (3) trailer footing construction.

(GENERAL NOTES)

1. For each piece of equipment to be demolished and removed, all conduit and other associated piping should be disconnected/reconnected. (3) piping, cut and cap in place where to remain.

2. Field verify and record all existing conditions prior to start of demolition.

3. Do not relocate (1) chain link fence if submitted chiller manufacturer confirms that its close proximity is acceptable.