KEY NOTES

Sheets:
- Noll & Tam Architects
- Sheet A2.44.1

CONTRA COSTA
CCD
D-4002
DVC SAN RAMON
CAMPUS EXPANSION & RENOVATION

INCREMENTS - RENOVATION

DATE TITLE
04/2020

DIMENSIONS

01 - CEILING PLAN - BOOKSTORE
01 - CEILING PLAN (DEMOL) - HS TUTORIAL

SCALE 1/4" = 1'-0"
## Door Schedule - Increment 1

<table>
<thead>
<tr>
<th>Door Number</th>
<th>Type</th>
<th>Width (in)</th>
<th>Height (ft)</th>
<th>Finish</th>
<th>Frame</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001</td>
<td>A</td>
<td>3.0 - 3.0</td>
<td>8.0</td>
<td>All</td>
<td>NA</td>
<td>ALL HINGED - ACCESS CONTROL</td>
</tr>
<tr>
<td>1002</td>
<td>A</td>
<td>3.0 - 3.0</td>
<td>8.0</td>
<td>All</td>
<td>NA</td>
<td>ALL HINGED - ACCESS CONTROL</td>
</tr>
<tr>
<td>1003</td>
<td>B</td>
<td>3.0 - 3.0</td>
<td>8.0</td>
<td>All</td>
<td>NA</td>
<td>ALL HINGED - ACCESS CONTROL</td>
</tr>
<tr>
<td>1004</td>
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<td>3.0 - 3.0</td>
<td>8.0</td>
<td>All</td>
<td>NA</td>
<td>ALL HINGED - ACCESS CONTROL</td>
</tr>
<tr>
<td>1005</td>
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<td>3.0 - 3.0</td>
<td>8.0</td>
<td>All</td>
<td>NA</td>
<td>ALL HINGED - ACCESS CONTROL</td>
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<tr>
<td>1006</td>
<td>C</td>
<td>3.0 - 3.0</td>
<td>8.0</td>
<td>All</td>
<td>NA</td>
<td>ALL HINGED - ACCESS CONTROL</td>
</tr>
<tr>
<td>1007</td>
<td>D</td>
<td>3.0 - 3.0</td>
<td>8.0</td>
<td>All</td>
<td>NA</td>
<td>ALL HINGED - ACCESS CONTROL</td>
</tr>
<tr>
<td>1008</td>
<td>D</td>
<td>3.0 - 3.0</td>
<td>8.0</td>
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<tr>
<td>1009</td>
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<td>3.0 - 3.0</td>
<td>8.0</td>
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<tr>
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<td>3.0 - 3.0</td>
<td>8.0</td>
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<td>NA</td>
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<tr>
<td>1011</td>
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<td>8.0</td>
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<tr>
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<td>8.0</td>
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</tr>
<tr>
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<td>8.0</td>
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<td>NA</td>
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<tr>
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<td>8.0</td>
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</tr>
<tr>
<td>1015</td>
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<tr>
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<td>8.0</td>
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<td>ALL HINGED - ACCESS CONTROL</td>
</tr>
</tbody>
</table>

## Door Types

- **A**: Single Door
- **B**: Double Door
- **C**: Single Pocket
- **D**: Double Pocket
- **E**: Full Lite
- **F**: Double Full Lite
- **G**: Double Flush
- **H**: Double Post Mixed

## Door General Notes

1. FOR REFERENCE, ABANDONED BY MARKET PRIOR TO ORDER FOR MAJOR RESORT BUILDING AND RELATED WORK, NO. 1 SITE BLDG. 1 TIGGER 11/14/02
2. FOB FOR SHIPMENT, DESTINATION TO BE DETERMINED BY MARKET PRIOR TO ORDER FOR MAJOR RESORT BUILDING AND RELATED WORK, NO. 1 SITE BLDG. 1 TIGGER 11/14/02
3. ALL DOORS ARE TO BE MAINTENED WITH ALL EXTERIOR BACK FAN AND LOCKS, TO BE MAINTENED WITH ALL EXTERIOR LOCKS
4. ALL DOORS ARE TO BE MAINTENED WITH ALL EXTERIOR BACK FAN AND LOCKS, TO BE MAINTENED WITH ALL EXTERIOR LOCKS
5. ALL DOORS ARE TO BE MAINTENED WITH ALL EXTERIOR BACK FAN AND LOCKS, TO BE MAINTENED WITH ALL EXTERIOR LOCKS
6. ALL DOORS ARE TO BE MAINTENED WITH ALL EXTERIOR BACK FAN AND LOCKS, TO BE MAINTENED WITH ALL EXTERIOR LOCKS
7. ALL DOORS ARE TO BE MAINTENED WITH ALL EXTERIOR BACK FAN AND LOCKS, TO BE MAINTENED WITH ALL EXTERIOR LOCKS
8. ALL DOORS ARE TO BE MAINTENED WITH ALL EXTERIOR BACK FAN AND LOCKS, TO BE MAINTENED WITH ALL EXTERIOR LOCKS
9. ALL DOORS ARE TO BE MAINTENED WITH ALL EXTERIOR BACK FAN AND LOCKS, TO BE MAINTENED WITH ALL EXTERIOR LOCKS
10. ALL DOORS ARE TO BE MAINTENED WITH ALL EXTERIOR BACK FAN AND LOCKS, TO BE MAINTENED WITH ALL EXTERIOR LOCKS

## Door Types

- **A**: Single Door
- **B**: Double Door
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- **F**: Double Full Lite
- **G**: Double Flush
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## Door Schedule & Types

<table>
<thead>
<tr>
<th>SHEET</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>A8.40.1</td>
<td>INCREDMENT 1 - RENOVATION</td>
</tr>
<tr>
<td>10167</td>
<td>DOOR SCHEDULES &amp; TYPES</td>
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</tbody>
</table>

**CONTRA COSTA**

**DD-4002**

**EVC SAN RAMON**

**CAMPUS EXPANSION & RENOVATION**

**1990 University Pk**

**San Ramon, CA 94583**
### EXISTING BUILDING - ROOM FINISH SCHEDULE

<table>
<thead>
<tr>
<th>#</th>
<th>ROOM</th>
<th>FLOOR FINISH</th>
<th>WALL BASE FINISH</th>
<th>WALL FINISH</th>
<th>CEILING FINISH</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>1</td>
<td>1st Floor</td>
<td>Existing</td>
<td>Existing</td>
<td>Existing</td>
<td>Existing</td>
<td>Existing</td>
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<tr>
<td>2</td>
<td>2nd Floor</td>
<td>Existing</td>
<td>Existing</td>
<td>Existing</td>
<td>Existing</td>
<td>Existing</td>
</tr>
</tbody>
</table>

### FINISH SCHEDULE NOTES

1. Primer with undercoat, if required.
2. All primer and undercoat to be applied before painting.
3. Paints shall be applied in two coats of equal amount.
4. Trim shall be applied in one coat.
5. No any special finishes will be provided.

### FINISH SCHEDULE - LEGEND

<table>
<thead>
<tr>
<th>Material</th>
<th>Legend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood</td>
<td>W</td>
</tr>
<tr>
<td>Metal</td>
<td>M</td>
</tr>
<tr>
<td>Glass</td>
<td>G</td>
</tr>
<tr>
<td>Concrete</td>
<td>C</td>
</tr>
<tr>
<td>Steel</td>
<td>S</td>
</tr>
</tbody>
</table>

### PROJECT TITLE

CONTRA COSTA

D-6002

DCV SAN RAMON

CAMPUS EXPANSION & RENOVATION

### ISSUE TITLE

INCREMENT 1 - RENOVATION

### ROOM FINISH SCHEDULE

A9.13.1
FOOD SERVICE MECHANICAL/PLUMBING NOTES:

ALL CONNECTIONS SHOWN RELATE TO FOOD SERVICE EQUIPMENT ONLY. SEE ENGINEERING PLANS FOR ADDITIONAL INFORMATION.

1. DIVISION 11 MATERIALS AND METHODS IS INTENDED TO SHOW LOCATIONS, HEIGHTS, CONNECTION SIZES, POSITIONS AND LOAD REQUIREMENTS. ANY MATERIALS SHOWN ARE FROM FINISHED SURFACES.
2. FINAL CONNECTIONS AND INTERCONNECTIONS TO B/E AND B/E ENGINEERING PLANS ALL EQUIPMENT TO BE BY MECHANICAL DIVISION INCLUDING REQUIRED MATERIALS, SUCH AS STOPS, VALVES, Fittings, TRAPS, CHECK VALVES, MIXING UNITS, PIPING, TUBING, ETC.
3. MECHANICAL DIVISION TO FURNISH AND INSTALL THE FOLLOWING:
   A. ALL WATER AND WASTE SERVICE TO POINT OF ROUGH-INS AS SHOWN ON PLAN.
   B. PROVIDE HOT WATER AS FOLLOWS: 110 DEGREES.
   C. PROVIDE VACUUM BREAKERS IN LINE WITH THE INLET TO TRAPS, AND REMOVABLE SEGMENT BUCHEETS. SET FLUSH WITH FINISHED FLOOR, UNLESS OTHERWISE SHOWN.
   D. ALL WASTE LINES AS SHOWN. MINIMUM DIAMETER OF LINE TO BE AS INDICATED ON PLAN, REGARDLESS OF CONNECTION SIZE AND SHALL BE DOWNSTAIRS WITH RESPECT TO GROUNDBOARD LEVEL. RULE: MAINTAIN RISE OR FALL OF 1 IN 12.
   E. PROVIDE VACUUM BREAKERS AS REQUIRED.
   F. PROVIDE VACUUM BREAKERS AS REQUIRED.

MECHANICAL ABBREVIATIONS AND SYMBOLS:

- HOT WATER
- COLD WATER
- WASTE
- INVERT WASTE
- 20 GPM FLOOR SINK
- FP

SCALING: 1/4" = 1'-0"
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>QTY</th>
<th>EQUIPMENT CATEGORY</th>
<th>MANUFACTURER</th>
<th>MODEL NUMBER</th>
<th>REMARKS</th>
<th>EQUIPMENT WEIGHT/ CAPACITY</th>
<th>REFERENCED PINNING/ BRACING DETAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>SERVICE COUNTER</td>
<td>MILWORK/PLASTIC LAMINATE/SSM</td>
<td>SEE ARCHITECT'S DRAWINGS</td>
<td>W/ DRAGERS</td>
<td>160 LBS.</td>
<td>NA - NOT USED</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>DROP-IN HAND SINK W/ FAUCET</td>
<td>ELKAY</td>
<td>LHGG224155SA/LKHG335/UXKH1041/LKH1243C-TGB</td>
<td>ADA COMPLIANT</td>
<td>30 LBS.</td>
<td>NA - INSTALLED AS PART OF #1</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>SOAP/TOWEL DISPENSERS</td>
<td>OFCL SEE ARCHITECT'S DRAWINGS</td>
<td>TBV - WALL MOUNTED</td>
<td>ADA COMPLIANT</td>
<td>30 LBS.</td>
<td>NA - WALL MOUNTED</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>DISPLAY CASE, REFRIGERATED</td>
<td>TRUE FOOD SERVICE</td>
<td>GDM-49RL-HC-C0</td>
<td>REAR LOAD; W/ 6&quot; SEISMIC/FLANGED LEGS</td>
<td>450 LBS. EACH</td>
<td>A-8/A-22/C-1</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>DISPLAY CASE, FROZEN</td>
<td>TRUE FOOD SERVICE</td>
<td>GDM-49F-HC-TSL01</td>
<td>SWING DOOR; W/ 6&quot; SEISMIC/FLANGED LEGS</td>
<td>450 LBS.</td>
<td>A-8/A-22/C-1</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>DISPLAY CASE, REFRIGERATED</td>
<td>TRUE FOOD SERVICE</td>
<td>GDM-49F-HC-TSL01</td>
<td>SWING DOOR; W/ 6&quot; SEISMIC/FLANGED LEGS</td>
<td>450 LBS.</td>
<td>A-8/A-22/C-1</td>
</tr>
<tr>
<td>7</td>
<td>1</td>
<td>STAINLESS STEEL SERVICE COUNTER</td>
<td>MILWORK/PLASTIC LAMINATE/SSM</td>
<td>SEE ARCHITECT'S DRAWINGS</td>
<td>W/ DRAWERS</td>
<td>160 LBS.</td>
<td>NA - NOT USED</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>RAISED PRIVACY SCREEN</td>
<td>MILWORK/PLASTIC LAMINATE/SSM</td>
<td>SEE ARCHITECT'S DRAWINGS</td>
<td></td>
<td>30 LBS.</td>
<td>NA - INSTALLED AS PART OF #7</td>
</tr>
<tr>
<td>9</td>
<td>1</td>
<td>MICROVE WAVE</td>
<td>PANASONIC</td>
<td>NN-S65S1S</td>
<td>BLENDER</td>
<td>30 LBS.</td>
<td>NA - PORTABLE</td>
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<tr>
<td>10</td>
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<td></td>
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</tr>
<tr>
<td>11</td>
<td>11</td>
<td>NOT USED</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>12</td>
<td>1</td>
<td>MILKSHAKE BLENDING SYSTEM</td>
<td>FIRE-PLACE</td>
<td>FIRE SELF-SERVE MINI BLENDING BAR</td>
<td>BLENDER</td>
<td>295 LBS.</td>
<td>A-18 SIMILAR</td>
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<tr>
<td>13</td>
<td>1</td>
<td>SERVICE COUNTER</td>
<td>MILWORK/PLASTIC LAMINATE/SSM</td>
<td>SEE ARCHITECT'S DRAWINGS</td>
<td>30&quot; HIGH; 36&quot; DEEP</td>
<td>90 LBS.</td>
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<tr>
<td>14</td>
<td>1</td>
<td>UNDERCOUNTER FILTER SYSTEM</td>
<td>EVERPURE</td>
<td>EVQ100-31</td>
<td>FILTER</td>
<td>12 LBS.</td>
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<tr>
<td>15</td>
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<td>STAINLESS STEEL COVE BASE</td>
<td>CUSTOM FABRICATED</td>
<td>STAINLESS STEEL</td>
<td>6&quot; HIGH - SEE DETAIL #1 ON SHEET FS1.1</td>
<td>50 LBS.</td>
<td>NA - NOT INSTALLED</td>
</tr>
</tbody>
</table>

OFCI = OWNER FURNISHED/CONTRACTOR INSTALLED

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**Display Case Flanged Detail**

**NOTE:**
1. Exterior finish to be No.4 Satin (180-200 grit).
2. Boxes to turn freely within case assembly throughout entire adjustment range.
3. Overall length tolerance ± 1/16.

**Material:**
- Steel shell: 1 1/8" O.D. x 18 gauge 300 series stainless steel.
- Foot shell: 1 1/4" x 16 gauge 300 series stainless steel.
- Flange plate: 1 1/8" x 300 series stainless steel.

**Finished No. 617087860.05**

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**Foot Details**

**WALL SUPPORT BACKING**

**REFER TO SHEET FS1.1 FOR ITEMIZED EQUIPMENT SCHEDULE WITH UTILITY DATA**
GENERAL STRUCTURAL NOTES

PART I - DESIGN CRITERIA

1. GENERAL DESIGN CONSIDERATIONS

The design considerations for the structural system are based on the requirements of the Code of the California Public Works Code 2019. The design is conducted in accordance with the architectural plans and specifications. The structural system is designed to meet the minimum requirements of the California Public Works Code, 2019.

2. DESIGN CRITERIA

The structural design criteria are based on the requirements of the California Public Works Code, 2019. The design is conducted in accordance with the architectural plans and specifications. The structural system is designed to meet the minimum requirements of the California Public Works Code, 2019.

3. MATERIALS

The structural materials used are presented in accordance with the architectural plans and specifications. The design is conducted in accordance with the California Public Works Code, 2019.

PART II - REINFORCED CONCRETE

4. REINFORCED CONCRETE DESIGN

The design is conducted in accordance with the architectural plans and specifications. The structural system is designed in accordance with the California Public Works Code, 2019.

5. PLACING AND FINISHING CONCRETE

The placing and finishing of concrete are conducted in accordance with the architectural plans and specifications. The design is conducted in accordance with the California Public Works Code, 2019.

6. FORMWORK

The formwork used is presented in accordance with the architectural plans and specifications. The design is conducted in accordance with the California Public Works Code, 2019.

7. REINFORCEMENT

The reinforcement used is presented in accordance with the architectural plans and specifications. The design is conducted in accordance with the California Public Works Code, 2019.

8. REINFORCED CONCRETE DESIGN

The design is conducted in accordance with the architectural plans and specifications. The structural system is designed in accordance with the California Public Works Code, 2019.

9. STRUCTURAL SYSTEM

The structural system used is presented in accordance with the architectural plans and specifications. The design is conducted in accordance with the California Public Works Code, 2019.

10. PLACING AND FINISHING CONCRETE

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16. FORMWORK

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17. REINFORCEMENT

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20. PLACING AND FINISHING CONCRETE

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22. REINFORCEMENT

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23. REINFORCED CONCRETE DESIGN

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24. STRUCTURAL SYSTEM

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25. PLACING AND FINISHING CONCRETE

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26. FORMWORK

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27. REINFORCEMENT

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28. REINFORCED CONCRETE DESIGN

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30. PLACING AND FINISHING CONCRETE

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31. FORMWORK

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35. PLACING AND FINISHING CONCRETE

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36. FORMWORK

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37. REINFORCEMENT

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38. REINFORCED CONCRETE DESIGN

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39. STRUCTURAL SYSTEM

The structural system used is presented in accordance with the architectural plans and specifications. The design is conducted in accordance with the California Public Works Code, 2019.
<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>FIXTURE TYPE</th>
<th>DESCRIPTION</th>
<th>BRANCH</th>
<th>CONNECTION</th>
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<td>COMMERCIAL TOILET</td>
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<td>3/4&quot;</td>
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<td>P4.01.2</td>
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<td>URINAL</td>
<td>3/4&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>P4.01.3</td>
<td>SINK</td>
<td>SINK</td>
<td>3/4&quot;</td>
<td>3/4&quot;</td>
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<tr>
<td>P4.01.4</td>
<td>SHOWER</td>
<td>SHOWER</td>
<td>3/4&quot;</td>
<td>3/4&quot;</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

- **V**: 0
- **CM**: 0
- **REF**: M
- **NOTES**:
  - "To be installed by contractor."
  - "Refer to schedule for additional information."
# AIR HANDLING UNIT SCHEDULE

<table>
<thead>
<tr>
<th>Task</th>
<th>Area Served</th>
<th>MFR</th>
<th>Model</th>
<th>Type</th>
<th>Capacity</th>
<th>Unit</th>
<th>#</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

## TERMINAL UNIT WITH HOT WATER HEAT SCHEDULE

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Area Served</th>
<th>MFR</th>
<th>Model</th>
<th>Type</th>
<th>Capacity</th>
<th>Unit</th>
<th>#</th>
<th>Notes</th>
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<tbody>
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## FAN SCHEDULE

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<th>Model</th>
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<th>Capacity</th>
<th>Unit</th>
<th>#</th>
<th>Notes</th>
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## DIFFUSER, REGISTER AND GRILLE SCHEDULE

<table>
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### MECHANICAL SYSTEMS

#### Refrigeration System

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Model</th>
<th>Capacity</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Compressor</td>
<td>ABC-123</td>
<td>100 HP</td>
<td>Basement</td>
</tr>
<tr>
<td>Condenser</td>
<td>DEF-456</td>
<td>200 kW</td>
<td>Ground Floor</td>
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#### HVAC System

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Furnace</td>
<td>Gas-powered</td>
<td>Boiler Room</td>
</tr>
<tr>
<td>Cooling Tower</td>
<td>Water-cooled</td>
<td>Roof</td>
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#### Electrical System

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Voltage</th>
<th>Capacity</th>
<th>Location</th>
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<tr>
<td>Generator</td>
<td>480V</td>
<td>500 kW</td>
<td>Generator Room</td>
</tr>
<tr>
<td>Transformer</td>
<td>240V</td>
<td>100 kVA</td>
<td>Substation</td>
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</table>

### INCREMENTS

#### Increment 1 - Renovation

- New HVAC units for improved energy efficiency.
- Upgraded electrical panels for increased capacity.
- Refurbished refrigeration systems for enhanced performance.

### PROJECT TITLE

CONTRA COSTA CCD
DVC SAN RAMON CAMPUS EXPANSION

### DATE

02/04/2023

### TITLE

MECHANICAL VENTILATION AND HEATING

### SHEET

M0.04.1
1 VAV AIR HANDLING UNIT SYSTEM CONTROL DIAGRAM (AHU-7)

2 MOTOR WITH VFD

3 VAV BOX CONTROL DIAGRAM (WITH REHEAT)

4 ROOM THERMOSTAT

5 VEV BOX CONTROL DIAGRAM

6 CADAVER ROOM AIRFLOW CONTROL DIAGRAM

GENERAL SHEET NOTES:

1. PROCEED ALL DOCUMENTS SUBJECT TO THE RESTRICTIONS SET FORTH IN THE BIDDING DOCUMENTS

2. SCHEDULE OF CONDITIONS: SUBJECT TO CHANGE. REVIEW THE SCHEDULE OF CONDITIONS IN THE BIDDING DOCUMENTS

3. CONTROL AND COMMUNICATIONS SYSTEMS SHALL BE DESIGNED TO PROVIDE FOR THE SECURITY OF THE BUILDING AND TO ENSURE THE SAFETY OF ALL OCCUPANTS

4. CONTROL SYSTEMS ARE REQUIRED TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION

5. CONTROL SYSTEMS ARE REQUIRED TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION

6. CONTROL SYSTEMS ARE REQUIRED TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION

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9. CONTROL SYSTEMS ARE REQUIRED TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION

10. CONTROL SYSTEMS ARE REQUIRED TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION

11. CONTROL SYSTEMS ARE REQUIRED TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION

12. CONTROL SYSTEMS ARE REQUIRED TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION
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<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>LOCATION</th>
<th>MEASUREMENT</th>
<th>FINISH</th>
<th>FINISH MATERIAL</th>
<th>LAMP</th>
<th>INPUT VOLTAGE</th>
<th>AMPS</th>
<th>OUTSIDE SIZE</th>
<th>NOTES</th>
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</thead>
<tbody>
<tr>
<td>100</td>
<td>WALL MOUNTED PIN LIGHT FOR EXHIBIT</td>
<td>EXHIBIT AREA</td>
<td>100 W</td>
<td>WHITE</td>
<td>ALUMINUM</td>
<td>T65</td>
<td>120V</td>
<td>1.0</td>
<td>6&quot; X 6&quot;</td>
<td>CONTRACTOR TO PROVIDE APPLIANCE</td>
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</tbody>
</table>
1. DEMO - 1ST FLOOR PLAN - CLASSROOM - PAINTING STUDIO - POWER

2. NEW - 1ST FLOOR PLAN - CLASSROOM - PAINTING STUDIO - POWER

GENERAL SHEET NOTES

A. COORDINATE ELEVATION AND DataView ELEVATION OF EXISTING SITE FOR ACCURACY.
B. COORDINATE ELEVATION AND DATA VIEW ELEVATION OF EXISTING SITE WITH ARCHITECT PLANS.
C. CIRCULATE ADDITIONAL ROOMS AND SPACE REQUIREMENTS OF VARIOUS DEPARTMENTS, ACADEMICS, AND STUDENTS, WHERE APPLICABLE.
D. DETERMINE IF ADDITIONAL ROOMS OR SPACE REQUIREMENTS CAN BE MET THROUGH RECONFIGURATION OF EXISTING SPACE.
E. PROVIDE 2D & 3D REVIT MODELS FOR ARCHITECT'S REVIEW.

SHEET KEYNOTES

1. PROVIDE DIMENSIONS FOR CHECK-OUT/EQUIPMENT PHASE.
2. PROVIDE DIMENSIONS FOR TANK/TANKER SYSTEM.
3. PROVIDE DIMENSIONS FOR ACR/ARCH.
4. PROVIDE SLIDING SHEET FOLIO FOR МосURED DRAWINGS.
1 DEMO - 2ND FLOOR PLAN - CONFERENCE & STORAGE ROOM - LIGHTING

2 NEW - 2ND FLOOR PLAN - TEMPORARY TUTORIAL & STUDY ROOM - LIGHTING
NEW - 2ND FLOOR PLAN - A&P LAB - LIGHTING
BOOKSTORE - LIGHTING CONTROLS

BASIS OF DESIGN: ACUTA LIGHTING CONTROL SYSTEM. COORDINATE FINAL DEVICE, QUANTITY AND LOCATIONS WITH ARCHITECT AND ELECTRICAL ENGINEER. FINAL LIGHTING CONTROL DRAWINGS TO BE COORDINATED WITH CONTROLS MANUFACTURER.
A&P LAB - LIGHTING CONTROLS

ASSESSMENT LAB - LIGHTING CONTROLS

BASIS OF DESIGN: ACUITY NIGHT LIGHTING CONTROL SYSTEM. COORDINATE FINAL DEVICE QUANTITY AND LOCATIONS WITH ARCHITECT AND ELECTRICAL ENGINEER. FINAL LIGHTING CONTROL DRAWINGS TO BE COORDINATED WITH CONTROLS MANUFACTURER.
1. ENTER PROOF JACO AND FLUSH

2. DUAL PLATE REJULES

3. WIRELESS ACCESS POINT

4. BACK BOX

5. TERMINATION SCHEME T8D

6. BACK BOX W. DUAL BOX DETAIL
<table>
<thead>
<tr>
<th>TAG</th>
<th>PURPOSE</th>
<th>TYPE</th>
<th>SIZE</th>
<th>HEIGHT</th>
<th>LOCATION</th>
<th>MOUNTING</th>
<th>RING</th>
<th>COVER</th>
<th>DATA REQUIREMENTS</th>
<th>POWER REQUIREMENTS</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>AV</td>
<td>AV input location</td>
<td>4-gang</td>
<td>12&quot;</td>
<td>36&quot;</td>
<td>48&quot;</td>
<td>Wall</td>
<td>Flush</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMP</td>
<td>Cadence L27 storyteller capture camera</td>
<td>3-gang</td>
<td>12&quot;</td>
<td>36&quot;</td>
<td>48&quot;</td>
<td>Wall</td>
<td>Flush</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>CMP</td>
<td>Emergency notification speaker and associated P-A announcement</td>
<td>3-gang</td>
<td>12&quot;</td>
<td>36&quot;</td>
<td>48&quot;</td>
<td>Wall</td>
<td>Flush</td>
<td></td>
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<tr>
<td>CMP</td>
<td>Control panel</td>
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<td>12&quot;</td>
<td>36&quot;</td>
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<tr>
<td>CMP</td>
<td>Display panel</td>
<td>2-gang</td>
<td>12&quot;</td>
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<tr>
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<td>12&quot;</td>
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<td>48&quot;</td>
<td>Wall</td>
<td>Flush</td>
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<tr>
<td>CMP</td>
<td>Floor box AV input location</td>
<td>1-gang</td>
<td>12&quot;</td>
<td>36&quot;</td>
<td>48&quot;</td>
<td>Floor</td>
<td>Flush</td>
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<tr>
<td>CMP</td>
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<td>36&quot;</td>
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<tr>
<td>CMP</td>
<td>Wall-mounted loudspeaker</td>
<td>1-gang</td>
<td>12&quot;</td>
<td>36&quot;</td>
<td>48&quot;</td>
<td>Ceiling</td>
<td>Flush to ceiling</td>
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<td>CMP</td>
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</tr>
</tbody>
</table>
1. DEMO - 1ST FLOOR PLAN - CLASSROOM - PAINTING STUDIO - FIRE ALARM

2. NEW - 1ST FLOOR PLAN - CLASSROOM - PAINTING STUDIO - FIRE ALARM
### ONE-LINE DIAGRAM - FIRE ALARM

**Main Breaker Panel**

<table>
<thead>
<tr>
<th>Breaker Part Number</th>
<th>Description</th>
<th>Quantity</th>
<th>Type</th>
<th>Current A</th>
<th>Volts</th>
<th>Phase</th>
<th>Size</th>
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<tbody>
<tr>
<td>B3051-010</td>
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<td>1</td>
<td>250A</td>
<td></td>
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<td>B3051-020</td>
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<td>250A</td>
<td></td>
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<tr>
<td>B3051-030</td>
<td>Main Breaker</td>
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<td>250A</td>
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<td>250A</td>
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<tr>
<td>B3051-050</td>
<td>Main Breaker</td>
<td>1</td>
<td>250A</td>
<td></td>
<td>230</td>
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<tr>
<td>B3051-060</td>
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**Service Entrance Panel**

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<th>Current A</th>
<th>Volts</th>
<th>Phase</th>
<th>Size</th>
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<tr>
<td>B3051-010</td>
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<td>250A</td>
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<tr>
<td>B3051-020</td>
<td>Main Breaker</td>
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<tr>
<td>B3051-030</td>
<td>Main Breaker</td>
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<td></td>
<td>230</td>
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</tr>
<tr>
<td>B3051-040</td>
<td>Main Breaker</td>
<td>1</td>
<td>250A</td>
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<td>230</td>
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<tr>
<td>B3051-050</td>
<td>Main Breaker</td>
<td>1</td>
<td>250A</td>
<td></td>
<td>230</td>
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<tr>
<td>B3051-060</td>
<td>Main Breaker</td>
<td>1</td>
<td>250A</td>
<td></td>
<td>230</td>
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<tr>
<td>B3051-070</td>
<td>Main Breaker</td>
<td>1</td>
<td>250A</td>
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<td>230</td>
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<tr>
<td>B3051-080</td>
<td>Main Breaker</td>
<td>1</td>
<td>250A</td>
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<tr>
<td>B3051-090</td>
<td>Main Breaker</td>
<td>1</td>
<td>250A</td>
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<td>230</td>
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</tr>
</tbody>
</table>

#### (E) NOTIFICATION CIRCUIT - N/A - CTRM 2

**Voltage Drop Calculations**

- **Branch Size**: 14 MCM
- **Distance**: 60 ft
- **Voltage Drop**: 0.5%

#### (E) NOTIFICATION CIRCUIT - N/A - CTRM 1

**Voltage Drop Calculations**

- **Branch Size**: 14 MCM
- **Distance**: 60 ft
- **Voltage Drop**: 0.5%

#### (E) NOTIFICATION CIRCUIT - N/A - CTRM 3

**Voltage Drop Calculations**

- **Branch Size**: 14 MCM
- **Distance**: 60 ft
- **Voltage Drop**: 0.5%

#### (E) NOTIFICATION CIRCUIT - N/A - CTRM 4

**Voltage Drop Calculations**

- **Branch Size**: 14 MCM
- **Distance**: 60 ft
- **Voltage Drop**: 0.5%

**Details - Fire Alarm**

**Fabricant**: 
**Model**: 
**Description**: 
**Material**: 
**Application**: 
**Location**: 

**Sheet Number**: FA5.01.1