FINISH PLAN KEYNOTES

1. ALL WALLS TO BE VARNISHED WITH ONE COAT OF MURFET'S 9000
2. ALL CEILINGS TO BE WHITE PAINT
3. REFLECT ORNATE CEILINGS WITH ONE COAT OF MURFET'S 9000
4. Ceilings to be primed before painting
5. Window sills to be painted with two coats of MURFET 9000
6. Trim to be painted with two coats of MURFET 9000
7. Base to be painted with two coats of MURFET 9000

FINISH PLAN AND RCP GENERAL NOTES

1. PROVIDE FINISHES AS SHOWN FOR OFFICE A1006.
2. PAINT ALL NEW GYPSUM SURFACES AT ROOF INSULATION PT.
3. STAIN TONGUE AND GROOVE WOOD PLANK CEILING AND TRIM TO MATCH HANAWALL FOLDING DOOR FINISH.
4. SUBMIT RANGE FOR ARCHITECT APPROVAL.

ADD ALTERNATIVES

1. PROVIDE FINISHES AS SHOWN FOR OFFICE A1006.
2. PAINT ALL NEW GYPSUM SURFACES AT ROOF INSULATION PT.
3. STAIN TONGUE AND GROOVE WOOD PLANK CEILING AND TRIM TO MATCH HANAWALL FOLDING DOOR FINISH.
4. SUBMIT RANGE FOR ARCHITECT APPROVAL.
**PLUMBING FIXTURE & EQUIPMENT SCHEDULE**

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>FIXTURE NAME</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>TYPE</th>
<th>SIZE</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>SUPPLY</th>
<th>WASTE</th>
<th>VENT</th>
<th>CW</th>
<th>HW</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-1</td>
<td>(ADA) 1 COMPT. SINK</td>
<td>ELKAY</td>
<td>ELUH1316DGB</td>
<td>UNDERCOUNTER MOUNT</td>
<td>STAINLESS STEEL</td>
<td>13-1/2&quot;X 16&quot;X 7 7/8&quot;</td>
<td>T &amp; S, BRASS</td>
<td>B-2865 PROVIDE W/ ASSE 1070 MIXING VALVE RE: SPEC</td>
<td>2&quot;</td>
<td>1 1/2&quot;</td>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>RE: ARCH. DWGS FOR MTG. LOC.</td>
</tr>
</tbody>
</table>

1. REFER TO GENERAL SPECIFICATIONS FOR WATER CLOSETS, URINALS, LAVATORYS, SINKS AND MISC. FIXTURE REQUIREMENTS.

**FAN COIL UNIT SCHEDULE**

<table>
<thead>
<tr>
<th>FAN COIL UNIT SCHEDULE</th>
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</thead>
<tbody>
<tr>
<td><strong>CFM</strong></td>
</tr>
<tr>
<td>AT 5400'</td>
</tr>
<tr>
<td>FCU-A1 YORK FWC-C 06 VERTICAL</td>
</tr>
<tr>
<td>FCU-A2 YORK FWC-C 08 VERTICAL</td>
</tr>
<tr>
<td>FCU-A3 YORK FWC-C 02 VERTICAL</td>
</tr>
</tbody>
</table>

NOTES:
1. UNIT IS A 2-PIPE UNIT - SINGLE COOLING / HEATING COIL.
2. HEATING COIL CAPACITY BASED ON 180°F EWT.
3. PROVIDE FLOAT SWITCH IN DRAIN PAN TO DISABLE UNIT WHEN WATER LEVEL IS ABOVE DRAIN
4. CHILLED WATER COOLING COIL CAPACITY BASED ON 45°F EWT.
5. UNIT CFM/COIL CAPACITIES BASED ON (MEDIUM) SPEED OPERATION.
6. PROVIDE MERV-7 FILTER.
7. PROVIDE HIGH-MED-LOW FAN SWITCH.
8. PROVIDE AUTO 2-PIPE CHANGEOVER DIGITAL THERMOSTAT, DUAL SET POINT WITH ADJUSTABLE DEADBAND, AND 7-DAY PROGRAMMABLE.
9. THERMOSTAT SHALL CONTROL MULTIPLE FAN COILS WHERE SHOWN ON PLANS, AND SHALL CONTROL THE 2-POSITION CONTROL VALVE SERVING FCU'S.

2/20/2013 14:40 P:\CU\Boulder\2008-124 JILA Addition\Cad\Existing Bldgs\Mech\Mschedules\[M-2008-124A.xls]S830-11 Fan Coil
EXISTING PANEL "LPT10" WIRE 4 W 3. REPLACE EXISTING CIRCUIT BREAKER WITH NEW CIRCUIT BREAKER AS SHOWN.

AMPERE SHORT CIRCUIT RATING (FULLY RATED) 5. EXISTING LOAD REMOVED.

MTG.: SURFACE

10,000 BREAKER BREAKER

NOTE DESCRIPTION LTG RECEPT MOTORS OTHER GENERAL TOTAL AMP / P CCT PH CCT AMP / P TOTAL GENERAL OTHER MOTORS RECEPT LTG DESCRIPTION NOTE

DISPOSAL 2,000  2000  30 / 3 B4  20 /1   500 500 L-RM 1003

" 2,000  2000 /2  5 C 6 2 0 /1   1200 1,200 FCU-WEST 1,5

1,5 FCU-SOUTH 800  800  20 /1  7 A 8 2 0 /1   1000 1,000 FCU-NORTH 1,5

303 EAST 17TH AVENUE   SUITE 1000   DENVER, COLORADO 80203   303.764.1520

R-RM 1000 (WEST) 900  900  20 / 1 13 A 14  20 / 1  1080 1,080 R-RMS 1005, 1104

GUTTER HEAT TRACE 1,250  1250  20 / 15 B 16  20 /1   900 900 R-RM 1003

HTR - MENS RR 1,500  1500  20 /1  19 A 20  20 /1   180 180 R-UNDER DRINK FOUN.

HTR - RM 1103 1,500  1500  20 /1  2 1 B 2 2  20 /1   500 500 L-RM 1000

L/R-TOILETS 500 360  860  20 /1  23 C2 4  20 /1   500 500 L-RM 1000

2,6 REC-UC REFRIG. 600  600  20 / 1 25 A 26  20 / 1  500 500 L-RM 1006

2,6 REC-CONFERENCE 540  540  20 / 1 27 B 28  20 / 1  500 500 L-RM 1007

2,6 REC-DISPOSAL 1,176  1176  20 / 1 29 C 30  20 / 1  500 500 L-RM 1003

2,6 REC-COFFEE 2,250  2250  30 / 33 B 34  20 /1   500 500 L-CORRIDOR (EAST)

" 2,250  2250 /2  35 C 36  20 /1   1500 1,500 HTR - WOMENS RR

"  0 /2  39 B 40  20 /1   500 500 TOILET EXH. FAN

SPARE  0  20 / 1 41 C 42  20 / 1  500 500 TOILET EXH. FAN

PHASE LOADING SUMMARY PANEL LOADING SUMMARY

LOAD TYPE (VA) PH A PH B PH C  LOAD TYPE CONNECTED NEC CALCULATED POWER      DEMAND LOAD FACTOR      LOAD KW PANEL

LIGHTING 1,000.0 2,000.0 2,000.0 LOAD KVA DEMAND LOAD FACTOR      LOAD KW PANEL

RECEPTACLES 2,340.0 4,590.0 4,410.0 CONNECTED PF=

MOTORS 2,300.0 4,100.0 4,876.0  LIGHTING 5.0 KVA x 125% = 6.3 KVA x 95%   = 5.9 KW 96%

OTHER 3,000.0 2,750.0 2,750.0  RECEPTACLES

GENERAL 2,100.0 0.0 0.0 FIRST 10 KVA 10.0 KVA x 100% = 10.0 KVA x 100%   = 10.0 KW CONNECTED

MOTORS 106.1

PHASE AMPACITY 99.7 125.8 130.8 REMAINDER 7.3 KVA x 100% = 7.3 KVA x 90%   = 6.5 KW NEC DEMAND

OTHER 8.5 KVA x 125% = 10.6 KVA x 100%   = 10.6 KW AMPACITY   = 25% 4% 31%  TOTAL 38.2 KVA 41.9 KVA 40.4 KW

' PROVIDE NEW UPDATED PANEL DIRECTORIES FOR PANELS THAT ARE INCLUDED IN THIS PROJECT. * = GFCI

F: 303.421.0331