HSS header to HSS jamb connection detail (TYP)

HSS girt connection detail 1 (TYP for 16'-0' height @ corner)

HSS girt connection detail 2 (TYP for 16'-0' height @ corner)

Bi-fold door

---

**Frame Member Schedule**

<table>
<thead>
<tr>
<th>Part Width</th>
<th>Depth</th>
<th>Approx. Lgth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'-10&quot;</td>
<td>14'-0&quot;</td>
<td>0'-0&quot;</td>
<td>Bi Fold Door</td>
</tr>
</tbody>
</table>

**Framed Opening Locations**

<table>
<thead>
<tr>
<th>Id Width</th>
<th>Height</th>
<th>Sill Ht. Frame To Dimen.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>10RU1803</td>
<td>8'-10&quot;</td>
<td>0'-0&quot;</td>
<td>Bi Fold Door</td>
</tr>
</tbody>
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**Bracing Part Schedule**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>2</td>
<td>10'-9&quot;</td>
<td>BR01G2</td>
</tr>
</tbody>
</table>

---

**NOTE:** UNLESS NOTED, USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120)
1. UNLESS NOTED, USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS.
2. FLANGE BRACES ARE AN INTEGRAL PART OF THE STABILITY OF THE STRUCTURAL SYSTEM AND MUST BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS.
3. REMOVAL OR ALTERATION OF ANY COMPONENT IS PROHIBITED.

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

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Covering Schedule

<table>
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<tr>
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<th>Length</th>
<th>Type</th>
<th>Gage</th>
<th>OP</th>
<th>Fin.</th>
<th>Color</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>#14</td>
<td>46</td>
<td>30'-6</td>
<td>SLR  II</td>
<td>24</td>
<td>1</td>
<td>KT</td>
<td>D</td>
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</table>

Oper. Code: 1 = SQ, SQ
Finish: K = KXL (Kynar)
Color: TD = Standard Color

Accessory Schedule

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<thead>
<tr>
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<th>Color</th>
<th>Description</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Not Applicable</td>
<td>Dektite Kit #3</td>
<td>1/4&quot; - 4&quot; RA14A1, RA14B1, RA14D1</td>
</tr>
<tr>
<td>1</td>
<td>8</td>
<td>3/4&quot; Starter Panel</td>
<td>Cut Dim. = 9 3/4&quot;</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>1/4&quot; Starter Panel</td>
<td>Cut Dim. = 6 1/4&quot;</td>
</tr>
</tbody>
</table>

- The roof panels on this project have been ice damming conditions exist.

Dimension Key

Shape Name: Virtual Service Center

O2. PRE-DRILL 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS. MAY BE REQUIRED FOR HEAVY GAGE NESTED 20G AND FASTENERS TO STRUCTURAL BEAMS.

O3. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATIONS IS PROHIBITED.

O4. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING. SEE THE COVERING SCHEDULE FOR CUT LENGTHS.

O5. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATIONS.

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO OTHER PRODUCTS OR COMPONENTS PRODUCED BY ANY SOURCE OTHER THAN VP.

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COVERING SCHEDULE

<table>
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<tr>
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<th>Qty</th>
<th>Type</th>
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<th>Length</th>
<th>Color</th>
<th>Fin.</th>
<th>Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
<td>TCR30</td>
<td>19'-7 5/8&quot;</td>
<td>26</td>
<td>KT</td>
<td>D</td>
<td>Left to Right</td>
</tr>
<tr>
<td>12</td>
<td>6</td>
<td>TCR30</td>
<td>3'-5 1/2&quot;</td>
<td>26</td>
<td>KK</td>
<td>B</td>
<td>Left to Right</td>
</tr>
</tbody>
</table>

Oper. Code: 1=SQ, SQ
Finish: K=KXL (Kynar)
Color: TD=Standard Color
Color: KB=Cool Dark Bronze

TRIM SCHEDULE

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<tr>
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<th>Parts</th>
<th>Color</th>
<th>Details</th>
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<tbody>
<tr>
<td>T1</td>
<td>F5980-26-12, F5980-26-12</td>
<td>(0.9)F5980-26-12, (0.7)BG1415, (0.5)PSA20</td>
<td>Match Wall Color EN52L4, EN52L5, MS004, MS018, MS035, WCV127, WCV128</td>
</tr>
<tr>
<td>T2</td>
<td>TRMX02, F5986-26-12</td>
<td>(2.0)F5986-26-12</td>
<td>Match Wall Color MS011, MS018, MS035</td>
</tr>
<tr>
<td>T3</td>
<td>F5139-26-12, SCT12B-26-12</td>
<td>Match Wall Color MS007, MS035</td>
<td></td>
</tr>
<tr>
<td>T4</td>
<td>(2)F5139-26-12, (2)SCT12B-26-12</td>
<td>Match Wall Color MS007, MS035</td>
<td></td>
</tr>
<tr>
<td>T5</td>
<td>F5139-26-12, SCT12B-26-12</td>
<td>Match Wall Color MS007, MS035</td>
<td></td>
</tr>
<tr>
<td>T6</td>
<td>(1.9)WA10B, (1.0)ARPGT20L</td>
<td>Match Roof Color ENV006, KP975, KP976, MS018, MS022</td>
<td></td>
</tr>
<tr>
<td>T7</td>
<td>(1.0)WA10B, (0.5)ARPGT20L</td>
<td>Match Roof Color ENV006, KP975, KP976, MS018, MS022</td>
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PLANOGRAPH SCHEDULE

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<tbody>
<tr>
<td>1</td>
<td>B-081517, S-080879</td>
</tr>
<tr>
<td>2</td>
<td>B-080830, B-FRMOP2, B-FRMOP3, B-FRMOP4, S-080879</td>
</tr>
<tr>
<td>3</td>
<td>B-081398, B-081517, S-080879</td>
</tr>
<tr>
<td>4</td>
<td>B-081398, B-081517, S-080879</td>
</tr>
<tr>
<td>5</td>
<td>B-081398, B-081517, S-080879</td>
</tr>
<tr>
<td>6</td>
<td>B-081517, S-004822, S-080856, S-080857, S-080860, S-080983, S-105018</td>
</tr>
<tr>
<td>7</td>
<td>B-081517, S-004822, S-080856, S-080857, S-080860, S-080983, S-105018</td>
</tr>
</tbody>
</table>

PERMIT SET- For Building Dept. Approval

COVERING ELEVATION AT 1.5

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### Covering Schedule

<table>
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<th>Qty</th>
<th>Type</th>
<th>Start</th>
<th>Length</th>
<th>Gage</th>
<th>OP</th>
<th>Finish</th>
<th>Color</th>
<th>Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>#2</td>
<td>17</td>
<td>TCR30</td>
<td>2'-7 3/4&quot;</td>
<td>26</td>
<td>KK</td>
<td>B</td>
<td>KXL</td>
<td>Cool Dark Bronze</td>
<td>Left to Right</td>
</tr>
<tr>
<td>02</td>
<td>#3</td>
<td>1</td>
<td>TCR30</td>
<td>2'-7 7/8&quot;</td>
<td>26</td>
<td>KK</td>
<td>B</td>
<td>KXL</td>
<td>Cool Dark Bronze</td>
<td>Left to Right</td>
</tr>
</tbody>
</table>

**Oper. Code:** 1=SQ, SQ  
**Finish:** K=KXL (Kynar)  
**Color:** KB=Cool Dark Bronze

### Trim Schedule

<table>
<thead>
<tr>
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<th>ID</th>
<th>Parts</th>
<th>Color Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>T1</td>
<td>(5.1)TRMX01, (6.0)F5986-26-12</td>
<td>Standard Color MS011, MS018, MS035</td>
</tr>
<tr>
<td>02</td>
<td>T2</td>
<td>F5139-26-12, SCT12B-26-12</td>
<td>Match Wall Color MS007, MS035</td>
</tr>
<tr>
<td>03</td>
<td>T3</td>
<td>(2)F5139-26-12, (2)SCT12B-26-12</td>
<td>Match Wall Color MS007, MS035</td>
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<tr>
<td>04</td>
<td>T4</td>
<td>F5139-26-12, SCT12B-26-12</td>
<td>Match Wall Color MS007, MS035</td>
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<tr>
<td>05</td>
<td>T5</td>
<td>(5)SIIC12A, (2.5)WGTR25</td>
<td>Match Roof Color FP278, FP279, JP166, KP106, MP479, MS018, MS022, PP121</td>
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### Planograph Schedule

<table>
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<th>Details</th>
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<tbody>
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<td>B-081398</td>
<td>B-081517, S-080879</td>
</tr>
<tr>
<td>03</td>
<td>B-081398</td>
<td>B-081517, S-080879</td>
</tr>
<tr>
<td>04</td>
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<td>B-081517, S-080879</td>
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<tr>
<td>05</td>
<td>S-004822</td>
<td>S-080082, S-080856, S-080857, S-080858, S-080860, S-105017</td>
</tr>
</tbody>
</table>

**Dimension Key:**
- Shape Name = Virtual Service Center, Wall = 2

---

**Buildings**

<table>
<thead>
<tr>
<th>Building</th>
<th>Address</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>1200 Pipers Club Circle Memphis TN 38125</td>
<td>VP Buildings</td>
</tr>
</tbody>
</table>

**Permit Set:** For Building Dept. Approval

**Covering Elevation At Z**

---

**Permit Information:**
- Permit Set: For Building Dept. Approval
- Permit No: 21-028656-01 CHG,KIRKLAND-FC ARD-PERMITS
- Autocad File: 21-028656-01 Autocad Files/26-Kirkland City Hall Virtual Service Center_COVERING ELEVATION AT Z.dwg
- Saved Date: 6/13/2022 14:34:53
- Last Saved By: fford
- Modified in AutoCAD: VP Buildings

---

**Design Notes:**

1. **Pre-Drilling 1/8 Diameter Holes for Structural Fasteners**
   - May be required for heavy gage nested 20GA and/or fasteners to structural beams.

2. **Temporary Bracing:**
   - A part of the structural system. Removal or alteration without prior authorization prohibited. A Duo to manufacturer's instructions for final layout of any bracing. Field cutting 86% the covering schedule for cut lengths. See job details for covering and trim fasteners specification.

3. **Due to Manufacturing Limitations Short Panels May Require Field Cutting, See the Covering Schedule for Cut Lengths.**

4. **See Job Details for Covering and Trim Fasteners Specification.**

---

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---

**Building Specifications:**

- **Max Weight:** 10 psf

---

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- **Saved Date:** 6/13/2022 14:34:53
- **Last Saved By:** fford
- **Modified in AutoCAD:** VP Buildings

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**Design Information:**

- **Scale:** 1:30.0

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**Design Information:**

- **Scale:** 1:30.0

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**Covering Schedule**

<table>
<thead>
<tr>
<th>Id</th>
<th>Qty</th>
<th>Type</th>
<th>Start Length</th>
<th>Length</th>
<th>Color</th>
<th>Finish</th>
<th>Direction</th>
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<tbody>
<tr>
<td>#4</td>
<td>2</td>
<td>TCR30</td>
<td>9'-8 7/8&quot;</td>
<td>26</td>
<td>KT</td>
<td>D</td>
<td>Left to Right</td>
</tr>
<tr>
<td>#5</td>
<td>1</td>
<td>TCR30</td>
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<td>26</td>
<td>KT</td>
<td>D</td>
<td>Left to Right</td>
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<tr>
<td>#6</td>
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<tr>
<td>#7</td>
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<td>TCR30</td>
<td>13'-11 7/8&quot;</td>
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<td>KT</td>
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<td>20'-6 1/2&quot;</td>
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<td>KT</td>
<td>D</td>
<td>Left to Right</td>
</tr>
<tr>
<td>#9</td>
<td>3</td>
<td>TCR30</td>
<td>3'-5 3/8&quot;</td>
<td>26</td>
<td>KK</td>
<td>B</td>
<td>Left to Right</td>
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**Trim Schedule**

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<th>Parts</th>
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<th>Details</th>
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<tbody>
<tr>
<td>T1</td>
<td>F5980-26-12, (0.7)BG1415, (0.6)PSA20</td>
<td>Match Wall Color</td>
<td>EN52L4, EN52L5, MS004, MS018, MS035, WCV127, WCV128</td>
</tr>
<tr>
<td>T2</td>
<td>(0.9)TRMX02, (1.0)F5986-26-12, F5988-26-12</td>
<td>Match Wall Color</td>
<td>MS011, MS018, MS035</td>
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<tr>
<td>T3</td>
<td>(1.2)F5032-26-12, (1.0)F5986-26-12, (0.4)PBA20</td>
<td>Match Wall Color</td>
<td>MS018, MS019, MS035, MS038</td>
</tr>
<tr>
<td>T4</td>
<td>(0.9)F5032-26-12, (1.0)F5986-26-12, (0.2)PBA20</td>
<td>Match Wall Color</td>
<td>MS018, MS019, MS035, MS038</td>
</tr>
<tr>
<td>T5</td>
<td>F5139-26-12, SCT12B-26-12</td>
<td>Match Wall Color</td>
<td>MS007, MS035</td>
</tr>
<tr>
<td>T6</td>
<td>(1.9)WA10B, (1.0)ARPGT20R</td>
<td>Match Wall Color</td>
<td>ENV006, KP975, KP976, MS018, MS022</td>
</tr>
<tr>
<td>T7</td>
<td>WA10B, (0.5)ARPGT20R</td>
<td>Match Wall Color</td>
<td>ENV006, KP975, KP976, MS018, MS022</td>
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</table>

**Planograph Schedule**

<table>
<thead>
<tr>
<th>Id</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>B-081517, S-080879</td>
</tr>
<tr>
<td>T2</td>
<td>B-080830, B-FRMOP2, B-FRMOP3, B-FRMOP4, S-080879</td>
</tr>
<tr>
<td>T3</td>
<td>S-080879</td>
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<tr>
<td>T4</td>
<td>S-080879</td>
</tr>
<tr>
<td>T5</td>
<td>B-081398, B-081517, S-080879</td>
</tr>
<tr>
<td>T6</td>
<td>B-081517, S-004822, S-080856, S-080857, S-080860, S-080983, S-105018</td>
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<td>B-081517, S-004822, S-080856, S-080857, S-080860, S-080983, S-105018</td>
</tr>
</tbody>
</table>

---

**Notes:**

1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE's AND/OR FASTENERS TO STRUCTURAL BEAMS.
2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATIONS PROHIBITED.
3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING, SEE THE COVERING SCHEDULE FOR CUT LENGTHS.
4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.

---

**General:**

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

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### Covering Schedule

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<td>KT</td>
<td>D</td>
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**Oper. Code:** 1 = SQ, SQ  
**Finish:** K = KXL (Kynar)  
**Color:** TD = Standard Color

### Trim Schedule

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### Planograph Schedule

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**NOTES:**

1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAUGE NESTED 20GA AND/OR FASTENERS TO STRUCTURAL BEAMS.
2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATIONS IS PROHIBITED.
3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING. SEE THE COVERING SCHEDULE FOR CUT LENGTHS.
4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.
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13:54:20 6/13/2022

CHG Building Systems, Inc.
City of Kirkland, Washington
123 5th Ave.; Kirkland, WA 98033
Kirkland City Hall Virtual Service Center
21097

21-028656-01

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13:54:20 6/13/2022
GENERAL NOTES:

1. CONCENTRATED LOADS GREATER THAN 200# ON ANY SINGLE PURLIN MUST BE DILUTED AND DESIGNED FOR PURLIN DESIGN PER BUILDING CODE.

2. SPECIFIED COLLAR LOADS MAY BE CONVERTED TO SAFE CONCENTRATED LOADS AS FOLLOWS, WHERE P = MAX SPANNED COLLAR LOAD (PSF) x PURLIN SPACING (NI) = 50# PER X - HANGER SPAN (X) + 1000 X HANGER SPACING (NI) >=1000

   EXAMPLE: A PIPED IS SUSPENDED FROM A PURLIN AT 3 LOCATIONS EQUALLY SPACED
   SPECIFIED COLLAR LOAD = 5 PSF
   PURLIN SPACING = 0'-6"
   W = 5 PSF X 5' X 25 PSF X 24'-0"
   SPANS = 25' X 25' X 180 LBS EACH LOCATION
   THE PURLIN CAN SUPPORT 3 LOADS UP TO 180 LBS EACH, PICK A HANGER CONNECTION CAPABLE OF SUPPORTING ACTUAL APPLIED LOADS.

3. FOR LOADS GREATER THAN 250#, PURLINS MUST BE "BLOCKED" AT LOCATION OR LOAD TO PREVENT PURLIN ROTATIONAL.

4. EQUIPMENT LOADS SHOULD BE OBTAINED FROM CERTIFIED EQUIPMENT DRAWINGS AND MANUFACTURER’S DATA.

5. Z-PURLINS WILL REFLECT LARGER SNOW AND RAIN LOADS, WHICH MAY BE DAMAGED DUE TO DEFLERATIONS. E.G., GAS LINING, VERIFY THAT PIPES OR EQUIPMENT ARE SUPPORTED WITH EXPECTED DEFLECTION RANGES (E.G., 1/80).

6. THE LARGER, TOP FLANGE HANGERS SHOULD BE SELECTED TO WITHSTAND THE LOAD FROM THE LUMBER. THE LOAD MUST BE DETERMINED BY THE ENGINEER. IT IS NOT NECESSARY TO DESIGN THE SUPPORTING NUMBER FOR THE LOAD IN COMPARISON WITH THE DESIGN LOADS.

7. SUPPORT LOADS WILL NEED TO BE BRACED (TO THE PRIMARY FORCE RESISTING SYSTEM) FOR LATENT STABILITY DUE TO EARTHQUAKES.

8. HANGER DESIGN IS NOT THE RESPONSIBILITY OF BLUESCOPE.

9. TOP FLANGE HANGERS SHOULD BE ADDED ON BUILDING WITHOUT INSTALLATION SPACER BLOCKS ON TOP OF THE HANGER SPANS ARE REQUIRED. PLACE THE HANGERS ON THE ROOF PANEL. MAJOR CONSIDERATION TO AVOID DAMAGE TO THE ROOF PANEL WITH THE HANGER WHEN THE ROOF PANEL IS LOADED OR WALKED ON.

10. WHEN SEAM ON 0'-0" OR OTHER END HANGERS ARE USED ON THE TOP FLANGE, THE ROOF SHOULD NOT EXTEND ABOVE THE ANGLE OR CANOPY. THE CLAMP TO BLOCK THE CLAMP TO AVOID DAMAGES TO THE ROOF PANEL WITH THE ROOF PANEL LOADED OR WALKED ON.

11. DO NOT HANG ANY TYPE OF CRANE, HOIST, CONVEYOR OR ANY MOVING LOADS FROM THE Z-PURLINS.

12. DO NOT HANG ANY LOAD FROM BAINA SUPPLIED PURLIN BRACING OR BRIDGING.

13. DO NOT WELD ANY PART OF THE Z-PURLIN.

14. HOLLOW MUST NOT EXCEED 1/16" DIAMETER UNLESS AUTHORIZED BY BEHA ENGINEER, DRAFT/REVISIONS WHEN REQUIRED OR DRAFT CUT.
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BUILDING SYSTEMS, INC.
City of Kirkland, Washington
123 Main Ave., Kirkland, WA 98033
Kirkland City Hall Virtual Service Center
21097
Kirkland City Hall Virtual Service Center
2022.1bNTS

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9:58:44 6/15/2022  SEDSheet
9:58:44 6/15/2022
VP
SLR II ROOF SYSTEM
INSTALLATION MANUAL
FORM NO. 4822
SLR II SEAMING PROCESSES AND CONDITIONS

NOTE:

NOTE:

NOTE:

NOTE:

NOTE:

WARNING:

IMPORTANT NOTE:

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The General Contractor and/or Erector is solely responsible for accurate good quality workmanship in erecting this building in accordance with this drawing, details referenced in this drawing, all applicable VP Buildings erection guides, and industry standards pertaining to proper erection, including the correct use of temporary bracing.

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9/13/2022 SEDSheet 17:10:32

Chad J. Schaefer, PE.

Kirkland City Hall Virtual Service Center

21097

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Addendum 2022.1bNTS

11:10:32 6/15/2022 SEDSheet

Richardson City Hall Virtual Service Center

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INreste of WALL - SIDEWALL

S-105017

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DEMOLITION NOTES:

REMOVE EXISTING DIFFUSER IN HATCH AREA. SAVE FOR REINSTALLATION.
ROUTE ALL REFRIGERANT PIPING ON TOP OF EACH OTHER ON THE BACKSIDE OF THE EXHIBIT WALL. SIZE REFRIGERANT PIPING PER MANUFACTURER’S RECOMMENDATIONS. PROVIDE INSULATION AND JACKETING ON ALL EXTERIOR REFRIGERANT PIPING IN ACCORDANCE WITH WASHINGTON STATE ENERGY CODE. MAINTAIN ENVELOPE RATING AT ALL PENETRATION POINTS.

PROVIDE DUCT LINING WHERE SHOWN ON DRAWINGS. PROVIDE ADDITIONAL EXTERIOR INSULATION AND WEATHERPROOF JACKET AS NEEDED TO MEET 2018 WSEC REQUIREMENTS. SEE SPECIFICATIONS FOR DETAILS.

REINSTALL EXISTING DIFFUSER.

CONNECT CONDENSATE TO SINK TAILPIECE.

INSTALL CEILING FAN TEMPERATURE SENSOR 5’ AFF.

INSTALL CEILING FAN TEMPERATURE SENSOR AS HIGH AS POSSIBLE.

GENERAL NOTES:
1. ALL REFRIGERANT PIPING AND CONTROLS WIRING AND CONDUITS SHALL BE ROUTED INSIDE WALLS OR ABOVE CEILINGS SO THEY ARE NOT VISIBLE.
2. CONDENSATE PIPING TO CU - 1
3. CONDENSATE PIPING TO CU - 2
4. MAINTENANCE CLEARANCE, TYP 1 1/4"ø SA
5. MAINTENANCE CLEARANCE, TYP 2 3/3/4"ø SA

CONSTRUCTION NOTES:
1. ROUTE ALL REFRIGERANT PIPING OUT OF EYE LEVEL. ADJUST STORAGE AREA PERFORMANCE AND REFRIGERANT PIPING OUT OF WALKING AREAS.
2. PROVIDE INSULATION AND JACKETING ON ALL EXTERIOR REFRIGERANT PIPING IN ACCORDANCE WITH WASHINGTON STATE ENERGY CODE.
3. PROVIDE EXTERIOR INSULATION AS NEEDED TO MEET 2018 WSEC REQUIREMENTS.
4. PROVIDE INSULATION AND JACKETING ON ALL EXTERIOR REFRIGERANT PIPING IN ACCORDANCE WITH WASHINGTON STATE ENERGY CODE. MAINTAIN ENVELOPE RATING AT ALL PENETRATION POINTS.
5. PROVIDE DUCT LINING WHERE SHOWN ON DRAWINGS. PROVIDE ADDITIONAL EXTERIOR INSULATION AND WEATHERPROOF JACKET AS NEEDED TO MEET 2018 WSEC REQUIREMENTS. SEE SPECIFICATIONS FOR DETAILS.
6. REINSTALL EXISTING DIFFUSER.
7. CONNECT CONDENSATE TO SINK TAILPIECE.
8. INSTALL CEILING FAN TEMPERATURE SENSOR 5’ AFF.
9. INSTALL CEILING FAN TEMPERATURE SENSOR AS HIGH AS POSSIBLE.
### SPLIT SYSTEM UNIT SCHEDULE

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<th>EER</th>
<th>COP</th>
<th>COP (Ducted)</th>
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### ENERGY RECOVERY VENTILATOR SCHEDULE

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<tr>
<td>FCU 2</td>
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### DF 1 | Virtual Service Center | 1 | 575 | 60 | 65 | SCR | 208 | 60 | 1 | 6.01 | 15 | RENEWAIRE EK-1212 |
ADJUSTABLE TIME PERIOD WHEN THE SYSTEM IS INDEXED TO UNOCCUPIED MODE.

1. THE DDC SHALL MONITOR CO2 LEVEL IN SPACES. UPON RISE IN CO2, SUPPLY AND RETURN FANS SHALL MODULATE TO INCREASE OUTSIDE AIR FLOW. ONCE CO2 DROPS BELOW SETPOINT, BOTH SYSTEMS SHALL BE FULLY CONTROLLED BY INTERNAL DDC CONTROLS.

D. DEMAND CONTROL VENTILATION

1. HEATING COIL, ELECTRIC HEATER CONTACT: WHENEVER DO AS IS ENERGIZED, THE HEATING COIL SHALL ENABLE FCUs IN THE CORRESPONDING ZONE. WHEN IN NIGHT SETBACK MODE, THE OA SYSTEM SHALL BE DISABLED WHEN DOOR OPENING TO THE OUTDOORS HAS BEEN OPEN FOR FIVE MINUTES.

A. GENERAL SYSTEM DESCRIPTION AND REQUIREMENTS

1. THE CEILING FAN SHALL BE FULLY CONTROLLED BY THE MANUFACTURER'S CONTROL SYSTEM.

B. DOAS START/STOP

1. SUMMER MODE: THE CEILING FAN SHALL OPERATE AND AUTOMATICALLY ADJUST FAN SPEED WHEN THE SPACE TEMPERATURE IS 77° F OR HIGHER AND 85° F OR LOWER.

C. TEMPERATURE CONTROL

1. THE VRF SYSTEM SHALL ENABLE FCUs IN THE CORRESPONDING ZONE. WHEN IN NIGHT SETBACK MODE, THE SYSTEM CONTROLLER SHALL ENABLE FCU OPERATION WHEN THE ZONE SPACE TEMPERATURE IS 1°F ABOVE OR BELOW SETPOINT ADJUSTABLE.

3. THE OCCUPANTS SHALL HAVE THE ABILITY TO INDEX THE SYSTEM TO OCCUPIED MODE FOR OTHER TIMES IF DESIRED.

4. INITIAL DEFAULT ROOM TEMPERATURE SETPOINTS SHALL BE 68 DEGREES HEATING, 78°F COOLING, UNLESS OTHERWISE NOTED.

5. VRF SYSTEM SHALL BE DISABLED WHEN DOOR IS CLOSED AND OUTSIDE AI R DAMPERS SHALL REMAIN CLOSED AND OUTSIDE AIR FANS SHALL NOT RUN DURING FIVE MINUTES. OUTSIDE AIR TEMPERATURES, AND TIME OF DAY. THE CONTROL SYSTEM SHALL REFINE THE DISTRIBUTION SYSTEMS TO PROVIDE OPTIMUM START TIMES FOLLOWING NIGHT SETBACK AND NIGHT COOLING OPERATIONS.

D. NIGHT SETBACK

1. WHEN UNIT IS IN UNOCCUPIED MODE AND THE SPACE TEMPERATURE REACHES 85°F, THE VRF SYSTEM SHALL TOGGLE BACK TO UNOCCUPIED MODE AND THE FCUs SHALL SHUTDOWN.

2. WHEN UNIT IS IN UNOCCUPIED MODE AND THE SPACE TEMPERATURE REACHES 55°F, THE VRF SYSTEM SHALL TOGGLE BACK TO UNOCCUPIED MODE AND THE ENERGY RECOVERY VENTILATION (ERV) SYSTEM SHALL FULLY ENABLE THE INTERNAL DDC CONTROLS.

E. FREEZESTAT

1. THE VRF SYSTEM SHALL BE CONTROLLED BY THE VRF MANUFACTURER'S CONTROL SYSTEM. THE VRF CONTROLLER SHALL MODULATE THE SYSTEM TO MAINTAIN SPACE TEMPERATURE WITHIN THE LIMITS OF 65° F TO 85° F.

F. MOTORIZED DAMPERS

1. MOTORIZED DAMPERS ON AIR INTAKE AND EXHAUST DUCTS SHALL REQUIRE MANUAL RESET.

1. UPON ACTIVATION OF THE HIGH/LOW PRESSURE SAFETY SWITCH, DOAS SHALL BE DISABLED, SUPPLY AND RETURN FANS SHALL MODULATE TO INCREASE OUTSIDE AIR FLOW, ONCE PRESSURE SAFETY SWITCHES ARE DEENERGIZED, BOTH SYSTEMS SHALL BE FULLY CONTROLLED BY INTERNAL DDC CONTROLS.

G. SAFETIES AND ALARMS

1. PROVIDE ROOM THERMOSTATS/SENSORS WITH THE ABILITY TO TEMPORARILY PLACE THE SYSTEM TO UNOCCUPIED MODE.

H. FAN FAILURE

1. THE DDC SYSTEM SHALL BE DISABLED IF THE SUPPLY AND RETURN FANS FAIL.

I. INTEGRAL ONLY LOOP

1. THE DDC SYSTEM SHALL BE DISABLED IF THE SUPPLY AND RETURN FANS FAIL.

J. VIRTUAL SERVICE CENTER

1. THE DDC SYSTEM SHALL BE DISABLED IF THE SUPPLY AND RETURN FANS FAIL.

K. END OF SEQUENCE OF OPERATIONS

1. WHEN THE SYSTEM IS IN MORNING WARMUP/COOLDOWN MODE, THE CONTROL SYSTEM SHALL INDEX THE SYSTEM TO UNOCCUPIED MODE.

L. NIGHT SETUP

1. THE VRF SYSTEM SHALL ENABLE FCUs IN THE CORRESPONDING ZONE. WHEN IN NIGHT SETBACK MODE, THE SYSTEM CONTROLLER SHALL ENABLE FCU OPERATION WHEN THE ZONE SPACE TEMPERATURE IS 1°F ABOVE OR BELOW SETPOINT ADJUSTABLE.

M. AUTOMATIC STACK DUCT THERMOSTAT

1. THE DDC SYSTEM SHALL BE DISABLED IF THE SUPPLY AND RETURN FANS FAIL.

N. START/STOP

1. UPON ACTIVATION OF THE HIGH/LOW PRESSURE SAFETY SWITCH, DOAS SHALL BE DISABLED, SUPPLY AND RETURN FANS SHALL MODULATE TO INCREASE OUTSIDE AIR FLOW, ONCE PRESSURE SAFETY SWITCHES ARE DEENERGIZED, BOTH SYSTEMS SHALL BE FULLY CONTROLLED BY INTERNAL DDC CONTROLS.

O. DDC SEQUENCE OF OPERATIONS

1. SIMPLIFY AND SUPLF Y THE REQUIREMENTS RELATING TO THE OPERATION OF VRF SYSTEMS. THE OCCUPANTS SHALL HAVE THE ABILITY TO INDEX THE SYSTEM TO OCCUPIED MODE FOR OTHER TIMES IF DESIRED.

P. END OF SEQUENCE OF OPERATIONS

1. THE DDC SYSTEM SHALL BE DISABLED IF THE SUPPLY AND RETURN FANS FAIL.

Q. CEILING FAN SEQUENCE OF OPERATIONS

1. THE CEILING FAN SHALL BE FULLY CONTROLLED BY THE MANUFACTURER'S CONTROL SYSTEM.

R. ELECTRONIC CONTROLLERS AND CONTROL SYSTEM.

1. WHEN NOT IN OCCUPIED MODE, THE DDC SYSTEM SHALL INDEX THE SYSTEM TO UNOCCUPIED MODE.

S. INTEGRAL ONLY LOOP

1. THE DDC SYSTEM SHALL BE DISABLED IF THE SUPPLY AND RETURN FANS FAIL.
2018 Washington State Energy Code Notes:

1. All domestic hot water pipes to fixtures shall be six inches in accordance with the Washington State Plumbing Code, Section C404.3.0.

2. All piping serving as part of plumbing systems shall be thermally insulated in accordance with Table C403.2.9 of the Washington State Energy Code 2018 edition. See specifications for more information.

Plumbing Piping Materials:

1. Type L copper with solder or press fittings.
2. Flexible black polyurethane insulation.
3. Black polyurethane foam for all service jackets.

Plumbing Abbreviations:

- BOP: Bottom of Pipe
- CW: City Water; Domestic Cold Water
- DOM: Domestic
- HB: Domestic Hot Water
- HW: Domestic Hot Water Circulating
- LWT: Leaving Water Temperature
- PLBG: Plumbing
- PRV: Pressure Reducing Valve
- RECIRC: Recirculating
- W: Waste; Water
- WFS: Water Flow Switch
- Y: Wye
CONSTRUCTION NOTES:
- CONNECT TO EXISTING 4" WASTE LINE IN BASEMENT STORAGE ROOM.

REVISION DATE DESCRIPTION
CONSTRUCTION NOTES:
1. PROVIDE FIXTURES AND CONNECT TO CW, HW, V, HWC, AND W LINES LOCATED IN ADJACENT BATHROOM SPACE.
2. PROVIDE ELECTRONIC TRAP SEAL PRIMER SMITH FLUID CONTROLS MODEL 270FM-04-500-120 OR EQUAL. INSTALL ENCLOSURE 24" AFF MINIMUM. INSTALL TRAP SEAL PRIMER VALVES WITH OUTLET PIPING PITCHED DOWN TOWARD DRAIN TRAP A MINIMUM OF 1 PERCENT AND CONNECT TO ALL FLOOR DRAINS. ADJUST VALVE FOR PROPER FLOW.
<table>
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<th>BANK</th>
<th>FIXTURE</th>
<th>DESCRIPTION</th>
<th>BASIS OF DESIGN FOR</th>
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<td>001</td>
<td>KD KITCHEN SINK</td>
<td>1/2</td>
<td>1/2 2</td>
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<td>2</td>
<td>2</td>
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<td>2005Y</td>
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NOTES:
- CW: Cold Water
- HW: Hot Water
- W: Waste
- V: Vent

PROJECT NO: 20080
SHEET: 123 5th Ave Kirkland, WA 98033
KIRKLAND CITY HALL
VIRTUAL SERVICE CENTER

BID SET
PLUMBING SCHEDULES
P6.1
DEMOLITION NOTES:

- REMOVE FIRE PROTECTION HEADS AND PIPING. SEE ARCHITECTURAL DRAWINGS FOR EXTENTS OF REMOVAL.
- REMOVE FIRE PROTECTION HEADS IN EXISTING CEILING. PROTECT BRANCH PIPING FOR RECONNECTION. SEE ARCHITECTURAL DRAWINGS FOR EXTENTS OF REMOVAL/REPLACEMENT.

NORTH

0

2'

4'

8'

12'

SCALE: 1/4" = 1'-0"
CONNECT SPRINKLER LINE INTO EXISTING SPRINKLER MAIN.

ROUTE FIRE MAIN IN PLENUM SPACE AND AVOID STRUCTURAL ELEMENTS. SEE ARCHITECTURAL AND STRUCTURAL SHEET.

PROVIDE SPRINKLER COVERAGE FOR LIGHT HAZARD OCCUPANCY, 0.10 GPM OVER 1500 SQ FT. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR REFLECTED CEILING PLAN AND BEAM POCKETS.

SPRINKLER HEADS SHALL BE GREATER THAN 18" ABOVE ANY OBSTRUCTION BELOW, INCLUDING BUT NOT LIMITED TO LIGHTING AND THE CEILING FANS.

PROVIDE SPRINKLER COVERAGE FOR LIGHT HAZARD OCCUPANCY TO DIFFERENT GFI QUIET CONNECT TO EXISTING TANKS IN THIS AREA.

ROUTE FIRE MAIN 6" BELOW STRUCTURAL BEAMS.
IN SUCH MANNER THAT INTERFERENCES BETWEEN PIPES, CONDUITS, DUCTS, VOLTAGE DROP AND PROVIDE AN APPROPRIATE CONDUCTOR SIZE TO DRAWINGS.

WHERE DIRECTED TO USE OR RETAIN EXISTING CIRCUITS, AND THE CIRCUIT OTHERWISE NOTED.

CONNECTIONS SHALL BE MOUNTED IN THE CENTER OF THE CEILING TILES, UNLESS CONSTRUCTION MAY DAMAGE FINISHES. SURFACES OR FINISHES DAMAGED CONSTRUCTION PERIOD. PROVIDE PLYWOOD OR SIMILAR MATERIAL UNDER LOCATIONS WITH THE OTHER TRADES. COORDINATE LOCATIONS AND LOCATE JUNCTION AND PULL BOXES AS REQUIRED TO ALLOW ACCESS AFTER INSTALLED.

6.
5.
1.

IN 6.5.
IN SUCH MANNER THAT INTERFERENCES BETWEEN PIPES, CONDUITS, DUCTS, VOLTAGE DROP AND PROVIDE AN APPROPRIATE CONDUCTOR SIZE TO DRAWINGS.

WHERE DIRECTED TO USE OR RETAIN EXISTING CIRCUITS, AND THE CIRCUIT OTHERWISE NOTED.

CONNECTIONS SHALL BE MOUNTED IN THE CENTER OF THE CEILING TILES, UNLESS CONSTRUCTION MAY DAMAGE FINISHES. SURFACES OR FINISHES DAMAGED CONSTRUCTION PERIOD. PROVIDE PLYWOOD OR SIMILAR MATERIAL UNDER LOCATIONS WITH THE OTHER TRADES. COORDINATE LOCATIONS AND LOCATE JUNCTION AND PULL BOXES AS REQUIRED TO ALLOW ACCESS AFTER INSTALLED.

6.
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IN 6.5.
IN SUCH MANNER THAT INTERFERENCES BETWEEN PIPES, CONDUITS, DUCTS, VOLTAGE DROP AND PROVIDE AN APPROPRIATE CONDUCTOR SIZE TO DRAWINGS.

WHERE DIRECTED TO USE OR RETAIN EXISTING CIRCUITS, AND THE CIRCUIT OTHERWISE NOTED.

CONNECTIONS SHALL BE MOUNTED IN THE CENTER OF THE CEILING TILES, UNLESS CONSTRUCTION MAY DAMAGE FINISHES. SURFACES OR FINISHES DAMAGED CONSTRUCTION PERIOD. PROVIDE PLYWOOD OR SIMILAR MATERIAL UNDER LOCATIONS WITH THE OTHER TRADES. COORDINATE LOCATIONS AND LOCATE JUNCTION AND PULL BOXES AS REQUIRED TO ALLOW ACCESS AFTER INSTALLED.

6.
5.
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IN 6.5.
EXISTING (3) 1/2" CONDUITS FOR LOW-VOLTAGE CABLING FROM ACCESSIBLE CEILING ON FIRST FLOOR, SHOWN FOR REFERENCE ONLY.

M2 CONDUIT FOR BRANCH CIRCUITS SERVING OUTDOOR CU-1 AND CU-2. ROUTE ABOVE ACCESSIBLE CEILING ON GROUND FLOOR.

SEE SHEET E2.2 FOR CONDUIT SIZE AND CIRCUIT INFORMATION.

UP TO JANITOR CLOSET ON LEVEL 1. SEE SHEET E1.1 FOR CONTINUATION.

REMOVE AND REINSTALL METAL CEILING PANELING IN THE CORRIDOR.

REMOVE AND REINSTALL ACOUSTICAL CEILING TILES IN THESE ROOMS.

CORE DRILL CONDUIT PENETRATION THROUGH EXISTING CONCRETE WALL

GENERAL NOTES
1. CONTRACTOR SHALL REPLACE ANY CEILING TILES OR PANELING DAMAGED DURING REMOVAL AND REINSTALLATION OF CEILING.
EXISTING (3) 2.5" CONDUITS FOR LOW-VOLTAGE CABLING DOWN TO GROUND FLOOR. FIELD VERIFY ACTUAL LOCATION. OPEN CABLING PATHWAY. PROVIDE J-HOOKS SPACED 4'-0" ON CENTER.

PROVIDE (2) 2" CONDUITS WITH PULL STRING FROM VIRTUAL SERVICE CENTER TO ABOVE ACCESSIBLE CEILING IN EXISTING OPEN OFFICE FOR LOW VOLTAGE CABLING.

PATCH AND REPAIR EXISTING GYPSUM BOARD CEILING TO MATCH EXISTING AS NECESSARY FOR CONDUIT INSTALLATION IN THIS AREA. PROVIDE ACCESS PANELS AS REQUIRED TO SUPPORT NEW INSTALLATION. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

LCP-02 DOWN TO GROUND FLOOR. SEE SHEET E1.0 FOR CONTINUATION.

CONDUIT FOR BRANCH CIRCUITS SERVING OUTDOOR CU-1 AND CU-2. SURFACE MOUNT ALONG BUILDING EXTERIOR. SEE SHEET E2.2 FOR CONDUIT SIZE AND CIRCUIT INFORMATION.

EXISTING JANITOR CLOSET PROVIDE 16" X 36" X 4" PULL BOX FOR TELECOM CABLING. PROVIDE ACCESS PANEL IN CEILING AS REQUIRED. COORDINATE EXACT LOCATION IN THE FIELD WITH EXISTING CONDITIONS.
L03 IN-GRADE LUMINAIRE FLUSH WITH WALKING SURFACE. INSTALL PER MANUFACTURER’S INSTRUCTIONS. AIMED APPROXIMATELY 10-DEGREES FROM NADIR TO LIGHT FLAG.

L04 CIRCUIT SHALL BE CONTROLLED VIA ASTRONOMICAL TIME CLOCK. ROUTE THROUGH SPARE RELAY IN LIGHTING CONTROL PANEL LCP-02. PROVIDE PROGRAMMING AS REQUIRED SUCH THAT LIGHTS ARE ON FROM DUSK UNTIL DAWN. ROUTE CONDUIT INTO THE BUILDING VIA THE VIRTUAL SERVICE CENTER. SEE SHEET E3.1 FOR APPROXIMATE LOCATION OF CONDUIT STUB UP.
KEY NOTES

D01 SALVAGE EXISTING LIGHT FIXTURE AND TURN OVER TO OWNER.

D02 SALVAGE EXISTING CARD READER AND TURN OVER TO OWNER.

D03 REMOVE EXISTING EXIT SIGN. EXISTING BACKBOX AND BRANCH CIRCUIT WIRING IN WALL TO REMAIN FOR REUSE.

D04 CIRCUIT FOR EXISTING ADA DOOR OPENER TO BE REUSE D AND EXTENDED TO VIRTUAL SERVICE CENTER, SEE NEW WORK PLANS.

D06 SALVAGE EXISTING VIDEO INTERCOM CALL STATION AND TURN OVER TO OWNER.

D07 DEVICE SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. PROTECT AS REQUIRED.

D08 DEMOLISH EXISTING FLOOD LIGHT MOUNTED ON ROOF AIMED AT EXISTING FLAG POLE. REMOVE EXISTING BRANCH CIRCUIT WIRING AND CONDUIT BACK TO SOURCE.
GENERAL NOTES
1. CONTRACTOR SHALL VERIFY SIZES OF ALL COMPONENTS SERVING HVAC EQUIPMENT (CIRCUIT BREAKERS, CONDUCTORS, DISCONNECT SWITCHES, ETC.) WITH NAMEPLATE REQUIREMENTS OF EQUIPMENT. ADJUST SIZES AS NECESSARY TO MEET THE REQUIREMENTS OF PURCHASED EQUIPMENT.
2. REFER TO MECHANICAL DRAWINGS FOR FINAL LOCATIONS OF ALL EQUIPMENT.

<table>
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<tr>
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<td>FCU-2</td>
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REVISION DATE DESCRIPTION
9/14/2022
GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL LIGHT FIXTURES WITH ARCHITECT'S RCP PRIOR TO ROUGH-IN.

2. ALL NORMAL POWER LIGHTING SHALL BE CIRCUITED TO EXISTING PANEL L2.

3. ALL EMERGENCY POWER LIGHTING SHALL BE CONNECTED TO NEAREST AVAILABLE EMERGENCY CIRCUIT IN ADJACENT LOBBY SPACE.

4. REFER TO LIGHTING CONTROL SCHEMATIC ON SHEET E7.1 FOR CONTROL OF INTERIOR LIGHTING FIXTURES.

5. ALL LIGHTING SHALL BE CONTROLLED VIA ASTRONOMICAL TIME CLOCK. REFER TO LIGHTING CONTROL SCHEMATIC ON SHEET E7.1 FOR CONTROL OF INTERIOR LIGHTING FIXTURES. ROUTE CIRCUIT L2-23 FOR EXTERIOR LIGHTING THROUGH AVAILABLE SPARE RELAY IN LIGHTING CONTROL PANEL LCP-L2 AND PROVIDE PROGRAMMING AS REQUIRED.

6. ALL T01 TRACK SUSPENDED 15'-0" AFF TO BOTTOM OF TRACK.

7. ALL L02 FIXTURES SUSPEND FROM STRUCTURE WITH BOTTOM OF FIXTURE FLUSH WITH BOTTOM OF ADJACENT BEAM.

8. ALL L04 FIXTURES WALL MOUNTED 8'-7" ABOVE FINISHED GRADE TO CENTER OF FIXTURE. CONFIRM FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.

KEY NOTES:

L01 CONNECT TO EXISTING CIRCUIT IN BACKBOX AT THIS LOCATION.

L02 PROVIDE A UL924 CONTROL RELAY CONNECTED TO NORMAL AND EMERGENCY LIGHTING CIRCUIT TO FORCE FIXTURE ON TO FULL BRIGHT UPON POWER LOSS.

L05 FIXTURE TYPE L02 SHALL FUNCTION AS A NORMALLY OFF EMERGENCY LIGHTING FIXTURE AND ILLUMINATE ONLY UNDER LOSS OF BUILDING NORMAL POWER.

L06 PROVIDE TRACK WITH 2 AMP CURRENT LIMITING DEVICE.

L07 PROVIDE TRACK WITH 1 AMP CURRENT LIMITING DEVICE.

L08 STAND ALONE LIGHTING CONTROLLER, nLIGHT FRESCO OR APPROVED EQUAL. CONNECT POWER SUPPLY TO THE NORMAL POWER 277V LIGHTING CIRCUIT SERVING THE SPACE.

L09 INSTALL PER MANUFACTURER'S REQUIREMENTS FOR PHOTOSENSORS.
GENERAL NOTES
1. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ROUGH-IN INFRASTRUCTURE (BACKBOXES, CONDUITS, PULL STRING, ETC.) FOR COMMUNICATIONS, SECURITY, AND AV SYSTEMS. PATHWAY TO BE PROVIDED FROM VIRTUAL SERVICE CENTER TO EXISTING IDF/AV 175 ON GROUND LEVEL. SEE SHEETS E1.0 AND E1.1 FOR ADDITIONAL INFORMATION.

2. ALL VISIBLE EXPOSED CONDUIT SHALL BE PAINTED. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
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**Total Est. Demand:** 262 A

**Total Conn.:** 262 A

**Volts:** 208Y/120V

**Mains Type:** MLO

**Type:** Single

**Serves:** Lugs: Single

**Lugs:** Single

**Enclosure:** Type 1

**Supply From:** P3

**Wires:** 4

**Max Rating:** 225 A

**Mounting:** Recessed

**P3**
EXISTING PANELBOARD. PANEL SCHEDULE PROVIDED FOR NEC LOAD CALCULATION PURPOSES ONLY.

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Supply From:
- Wires: 4
- Max Rating: 60 A
- Mounting: Surface

Location: Phases: 3
- Mains Rating: 60 A
- AIC Rating: 14,000
- Serves: Lugs: Single Lugs
- Enclosure: Type 1

Name:

Total Amps: 307 A
Total Load: 83.99 kVA
Total Est. Demand: 295 A
Volts: 480Y/277V
Mains Type: MLO