MIXED USE BUILDING TYPE

09/26/2017

MOODY•NOLAN
RESPONSIVE ARCHITECTURE

CRAWFORD HOYING
development

BRIDGE PARK
DUBLIN, OH
### Vertical Facade Divisions

- **First Floor**
  - Transparency: 345 sf
  - Provided: 17%
  - Required: 30%

- **Second Floor**
  - Transparency: 666 sf
  - Provided: 30%
  - Required: 30%

- **Third Floor**
  - Transparency: 666 sf
  - Provided: 41%
  - Required: 41%

- **Fourth Floor**
  - Transparency: 666 sf
  - Provided: 41%
  - Required: 41%

### Facade Materials

- **Overall Area of South Elevation:** 8,060 sf
- **Area of Windows/Doors:** 170 sf
- **Net Area of Elevation:** 7,890 sf

<table>
<thead>
<tr>
<th>Material</th>
<th>Primary/Secondary</th>
<th>Area (SF)</th>
<th>Percentage</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Silicate Masonry Units</td>
<td>Primary</td>
<td>825 sf</td>
<td>10.5%</td>
<td>Y</td>
</tr>
<tr>
<td>Glass</td>
<td>Primary</td>
<td>4,720 sf</td>
<td>59.8%</td>
<td>Y</td>
</tr>
<tr>
<td>Aluminum Composite Metal</td>
<td>Primary</td>
<td>2,345 sf</td>
<td>29.7%</td>
<td>Y</td>
</tr>
<tr>
<td>Misc. Elements</td>
<td>Trim</td>
<td>000 sf</td>
<td>0%</td>
<td>&lt;20%</td>
</tr>
</tbody>
</table>

### Key Plan

- **A1 First Floor**
- **A1**
- **Key Plan**
- **1/16" = 1'-0"**

### Elevation

- **First Story**
  - Story Area: 2,082 sf
  - Transparency: 345 sf
  - Provided: 17%

- **Second Story**
  - Story Area: 1,698 sf
  - Transparency: 666 sf
  - Provided: 30%

- **Third Story**
  - Story Area: 1,698 sf
  - Transparency: 666 sf
  - Provided: 41%

- **Fourth Story**
  - Story Area: 1,698 sf
  - Transparency: 666 sf
  - Provided: 41%

### Roof

- **158'-0"**
- **Fourth Floor**
- **144'-0"**
- **Third Floor**
- **130'-0"**
- **Second Floor**
- **116'-0"**
- **First Floor**
- **100'-0"**
- **Wall Panel System (Color B)**

###Facade Materials Summary

- **Calcium Silicate Masonry Units:**
  - Area: 825 sf
  - Percentage: 10.5%
  - Required: Y

- **Glass:**
  - Area: 4,720 sf
  - Percentage: 59.8%
  - Required: Y

- **Aluminum Composite Metal:**
  - Area: 2,345 sf
  - Percentage: 29.7%
  - Required: Y

- **Misc. Elements:**
  - Area: 000 sf
  - Percentage: 0%
  - Required: <20% Y
MIXED USE BUILDING TYPE
Incorporate an Adair® Limestone Starter Course

Installing a starter course of Adair® dolomite will maintain the aesthetic integrity of the masonry. Its greater density and lower absorption is ideally suited to resist the conditions at grade.

THE ARRISCRAFT ADVANTAGE:

- High strength, high density, and natural absorption translate into superior durability;
- Exceptionally tight dimensional tolerances;
- No cement or chemical additives; Renaissance® is not subject to the degree of shrinkage associated with cement-based products;
- Consistent color throughout the entire stone; Renaissance® can be cut, chiseled and dressed in the field while maintaining its color and texture.
- Arriscraft products can contribute to LEED® points and to sustainability in the LEED categories of Energy and Atmosphere, Materials and Resources, and Innovation in Design.
- Arriscraft offers an industry-unique Lifetime Product Warranty.

01/04/2016
ALUMINUM COMPOSITE METAL:

Sobotec predominantly uses Alucobond material for its MCM Panel Systems. Alucobond is the original Aluminum Composite Metal.

FEATURES:
- Pressure equalized system
- Ventilated cavity allows wall to breathe
- Low-maintenance, flexible panel design
- Concealed air barrier membrane provides improved weather resistance

ALUMINUM COMPOSITE METAL