A1.2

121 GAS METER - SEE PLUMBING SHEETS

122 ELECTRIC SERVICE ENTRY AND METERS - SEE ELECTRICAL SHEETS

138 PAINTED WOOD FENCE AND GATE(S) MATCHING BASE OF BUILDING AND DUMPSTER ENCLOSURE (PHASE 2) - SEE DETAILS A1.2

139 COURTYARD AREA TO BE INSTALLED DURING PHASE 2 - SEE LANDSCAPE SHEETS FOR DETAILS

140 CABLE RAIL FENCE AND GATES (PHASE 2) - SEE LANDSCAPE SHEETS FOR DETAILS

141 ELECTRICAL TRANSFORMER(S) ON CONCRETE PAD - SEE ELECTRICAL AND CIVIL
CONCRETE CONTROL JOINT (TYP)

6" CONCRETE FILLED BOLLARD, TYP
- SEE DETAIL THIS SHEET

CONCRETE EXPANSION JOINT

PAINTED WOOD DUMPSTER GATE, TYP
- SEE ELEVATION

GATE POST, TYP
MIN. 6" THICK REINFORCED CONCRETE PAD
- SEE CIVIL SHEETS

SLEEVE IN CONCRETE SLAB FOR CANE BOLT AT BOTH OPEN AND CLOSED POSITIONS (TYP)

6X6 PAINTED WOOD POST, TYP
DUMPSTER (6'x6' SHOWN), TYP
6" CONCRETE FILLED BOLLARD, TYP
- SEE DETAIL THIS SHEET

4/4x12 PAINTED WOOD FENCING, TYP

SIDEYARD BUILDING SETBACK
A1.2
4 TYP

MTL COPING
MATCH BUILDING BASE MATERIAL HEIGHT
7' - 2" (T/WOOD)

5/4x4 P.T. WOOD TRIM, PAINT PT-1
5/4x4 P.T. WOOD TRIM, PAINT PT-1
1x12 T&G P.T. WOOD SIDING, PAINT PT-1
5/4x4 P.T. WOOD TRIM, PAINT PT-1

1 1/2" DIA GALV PIPE, 2 1/2" LONG
- EPOXY SET IN HOLE DRILLED INTO CONCRETE

24" x 5/8" CANE BOLT

POST CAP
6" DIA GALV STEEL POST, FILLED W/ CONC, PAINT WHITE

CONC SLAB
18" DIA CONC FTG 6"

20' - 0" 20' - 0" 10' - 0" (SLAB)

4" GALV POST 2" GALV PIPE FRAME
1x6 T&G CEDAR SIDING
2x8 P.T. BLOCKING BOLTED TO PIPE FRAMING
5/4x6 CEDAR TRIM

6x6 P.T. WOOD POST
4"

15 SEPT 2017

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URBAN AIR
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### Construction Type: II-B

**New Area: First Floor: 20,000 SF**

\[
A_a = A_t + [(A_t \times I_f)] + [(A_t \times I_s)]
\]

- **Where:**
  - \(A_a\) = Allowable Area per Floor
  - \(A_t\) = Tabular Area per Floor per Table 503 = 9,500 SF
  - \(I_f\) = Area Increase due to Frontage per Sect. 506.2 = 58.3%
  - \(I_s\) = Area Increase due to Sprinkler per Sect. 506.3 = 3

\[
I_f = [(\frac{F}{P}) - 0.25](\frac{W}{30}) = 58.3\%
\]

- \(F\) = Open Perimeter = 500'
- \(P\) = Perimeter of Entire Building = 600'
- \(W\) = Min. Width of Public Way or Open Space (Max \(W/30 = 1\), Min > 20) = 30'

**Actual Max Area Per Floor** = 20,000 SF

### Fire Suppression and Monitoring Data

- Full Fire Suppression per OBC 903: Yes / New
- Manual Fire Alarm System per OBC 907: Yes / New
- Automatic Fire Detection System per OBC 907: Yes / New

### Fire Resistance Rating Requirements for Building Elements

#### 2011 OBC Requirements

- **Structural Frame**
  - Columns, Girders, Trusses: 0 HR
- **Bearing Walls**
  - Exterior: 0 HR
- **Non-Bearing Walls and Partitions**
  - Exterior < 30': 0 HR
  - Exterior \(\geq 30'\): 0 HR
- **Floor Construction**
  - Including Beams, Joists: 0 HR
- **Mechanical**
  - Roof Construction:
    - Including Support and Beams: Less than 20' = 0 HR
    - 20' or More = 0 HR
- **Shafts**: 1 HR

### Occurrence: Recreation

- **Use Group:** A-3
- **Special Use:** Mixed Use: N  /  Separated: N  /  Non-Separated: N

#### First Floor Code Plan

- **Activity Area**: Exercise Rooms
  - Area: 12,744 SF
  - Occupant Load: 50  /  255
- **Break Room Business**: Area: 157 SF
  - Occupant Load: 100  /  2
- **Cafe Assembly Unconcentrated**: Area: 1,069 SF
  - Occupant Load: 15  /  72
- **Concession Business**: Area: 257 SF
  - Occupant Load: 100  /  3
- **Entry Area**: Area: 538 SF
- **Halls Area**: Area: 113 SF
- **Janitor Area**: Area: 65 SF
- **Mech Area**: Area: 148 SF
- **Entry Office / Reception Business**: Area: 403 SF
  - Occupant Load: 100  /  5
- **Party Assembly Unconcentrated**: Area: 367 SF
  - Occupant Load: 15  /  25
- **Party Assembly Unconcentrated**: Area: 304 SF
  - Occupant Load: 15  /  21
- **Party Assembly Unconcentrated**: Area: 378 SF
  - Occupant Load: 15  /  26
- **Party Assembly Unconcentrated**: Area: 378 SF
  - Occupant Load: 15  /  26
- **Party Assembly Unconcentrated**: Area: 304 SF
  - Occupant Load: 15  /  21
- **Party Assembly Unconcentrated**: Area: 367 SF
  - Occupant Load: 15  /  25
- **Serving Kitchen Commercial Kitchen**: Area: 390 SF
  - Occupant Load: 200  /  2
- **Storage**: Area: 917 SF
- **Toilet Room**: Area: 546 SF
- **Vestibule Area**: Area: 101 SF
- **Party Assembly Unconcentrated**: Area: 768 SF
- **Grand Total**: 24  /  2,329 SF  /  520

### Plumbing Code Calculations

Refer to OBC Chapter 29 and Table 2902.1 "Minimum Number of Required Plumbing Fixtures" for exceptions and footnotes.

**Activity Area**

- Leadership (A)
  - Bathrooms, Showers (A)
  - Drinking Fountains (A)
  - Art Galleries, Exhibition Halls, Gyms
  - Museums, Lecture Halls, Gyms

**Exercise Rooms**

- Area: 12,744 SF
  - Occupant Load: 50  /  255

**Break Rooms**

- Area: 157 SF
  - Occupant Load: 100  /  2

**Cafe Assembly**

- Area: 1,069 SF
  - Occupant Load: 15  /  72

**Concession Business**

- Area: 257 SF
  - Occupant Load: 100  /  3

**Entry Area**

- Area: 538 SF

**Halls Area**

- Area: 113 SF

**Janitor Area**

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**Mech Area**

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**Serving Kitchen**

- Area: 390 SF
  - Occupant Load: 200  /  2

**Storage**

- Area: 917 SF

**Toilet Room**

- Area: 546 SF

**Vestibule Area**

- Area: 101 SF

**Party Assembly Unconcentrated**

- Area: 768 SF

**Grand Total**

- 24  /  2,329 SF  /  520

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TOTAL FACADE AREA: 3686 SF

BRIGHT ACCENT COLOR (DASHED LINES): 427 SF (6%)
CORRUGATED PANEL (DASHED LINES): 743 SF (11%)
258 SF (7%)
24 SF (1%)
665 SF (18%)
1628 SF (24%)
783 SF (11%)
178 SF (12%)
SMOOTH METAL PANEL: 484 SF (14%)
951 SF (14%)

GLAZING

CORRUGATED PANEL
12" FLUSH PANEL
12" PANEL

EXTERIOR MATERIALS & FINISH SCHEDULE

<table>
<thead>
<tr>
<th>MARK</th>
<th>MATERIAL</th>
<th>MANUFACTURER</th>
<th>PRODUCT</th>
<th>COLOR</th>
<th>DIMENSION</th>
<th>ADDITIONAL INFORMATION</th>
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<tbody>
<tr>
<td>MTL-1</td>
<td>Prefinished Metal</td>
<td>Pac-Clad</td>
<td>7.2 Panel</td>
<td>Bone White</td>
<td>36&quot; Tall, Nom.</td>
<td>See Note 1.</td>
</tr>
<tr>
<td>MTL-2</td>
<td>Prefinished Metal</td>
<td>Pac-Clad</td>
<td>7.2 Panel</td>
<td>Cityscape</td>
<td>36&quot; Tall, Nom.</td>
<td>See Note 1.</td>
</tr>
<tr>
<td>MTL-3</td>
<td>Prefinished Metal</td>
<td>Pac-Clad</td>
<td>7/8&quot; Corrugated</td>
<td>Silver</td>
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<tr>
<td>MTL-4</td>
<td>Prefinished Metal</td>
<td>Laminators</td>
<td>Charcoal</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>MTL-5</td>
<td>Prefinished Metal</td>
<td>Laminators</td>
<td>&quot;Urban Air Orange&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTL-6</td>
<td>Prefinished Metal</td>
<td>Laminators</td>
<td>&quot;Urban Air Orange&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

GENERAL NOTES:

1. MTL-2/3/4 shall be installed in random pattern and pattern, percentage of MTL-2/3/4 varied 5% for MTL-1.2/3/4.
2. MTL-2/3/4 shall be installed in random pattern and pattern, percentage of MTL-2/3/4 varied 5% for MTL-1.2/3/4.
3. MTL-2/3/4 shall be installed in random pattern and pattern, percentage of MTL-2/3/4 varied 5% for MTL-1.2/3/4.
4. MTL-2/3/4 shall be installed in random pattern and pattern, percentage of MTL-2/3/4 varied 5% for MTL-1.2/3/4.

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