YOUTH CENTER (YC)
STANDARD DESIGN, MEDIUM
11 - 18 YEARS OLD

CENTER OF STANDARDIZATION

CONTRACT NUMBER : N/A
SOLICITATION NUMBER : N/A

PUBLISHED: 22 FEB 2019
# Youth Center (YC) Plan

## General Notes:
1. Reference the Army Standard Design for Youth Center (YC) dated March 2008 for mandatory design information.
2. Reference Standard Design Criteria for YC, room by room descriptions for additional design information.

### Energy Conservation Notes:
1. Building thermal envelope shall meet minimum requirement based on the climate zone.
2. Recommended minimum thermal resistance (R-value) for exterior walls in CDC zone 1-2 shall be R-15; in zone 3-6 shall be R-18; in zone 7-8 shall be R-22.
3. A continuous air barrier shall be provided throughout the building thermal envelope.
4. Air barriers are not required in buildings located in climate zone 1-2 and 3.
5. Air barriers are not required in buildings located in climate zone 4-6.
6. Air barriers shall be continuous for assemblies that are the thermal envelope of the building.
7. Air barrier joints and seams shall be sealed, including sealing transitions and changes in material.
8. Breaks in joints in the air barrier shall be sealed.
9. Solar hot water and solar collectors shall be incorporated as an option to the design.

### Mezzanine Plan

<table>
<thead>
<tr>
<th>Description</th>
<th>Total Gross Area (FT²)</th>
<th>Half Area</th>
<th>Adjusted Gross Area (FT²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semi-arched</td>
<td>2,000</td>
<td>1,000</td>
<td>1,000</td>
</tr>
<tr>
<td>Open to below</td>
<td>1,000</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>Mezzanine area</td>
<td>400</td>
<td>200</td>
<td>200</td>
</tr>
</tbody>
</table>