Green Class Community is a result of a collaborative effort of a team that wanted to combine affordability with sustainability. We wanted to design a community which will be green, i.e. reduce energy consumption as much as possible while also maintaining a modest budget. Active and passive systems have been utilized in these houses to allow maximum use of resources both on site and through utilities. This has been an ambitious project and we enjoyed designing this and we guarantee you will have as much, if not more, being a part of the community.

Go green by being a part of Green Class Community.

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**Envelope**

**Advanced Framing**

Using this framing technique material is minimized and with the addition of an exterior sheet of insulation thermal bridging is defeated at minimal cost.

<table>
<thead>
<tr>
<th>Material</th>
<th>R-Value</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Framing</td>
<td>21</td>
<td>$</td>
</tr>
<tr>
<td>Structural Insulated Pannels</td>
<td>24</td>
<td>$$</td>
</tr>
<tr>
<td>Insulating Concrete Forms</td>
<td>26</td>
<td>$$$</td>
</tr>
</tbody>
</table>

*Based on Exterior Wall Framing

**Energy Efficiency**

84% in Energy Savings

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iPro 358 Illinois Institute of Technology
Moses Cho, Justin Eshleman, Bryon Krebs, Indira Orziamn
Tianshu Qi, Hazem Shehada, Paul Skopek, Danny Varghese, Michael Warnes

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A HOUSING COMMUNITY WHERE PERFORMANCE MEETS AFFORDABILITY