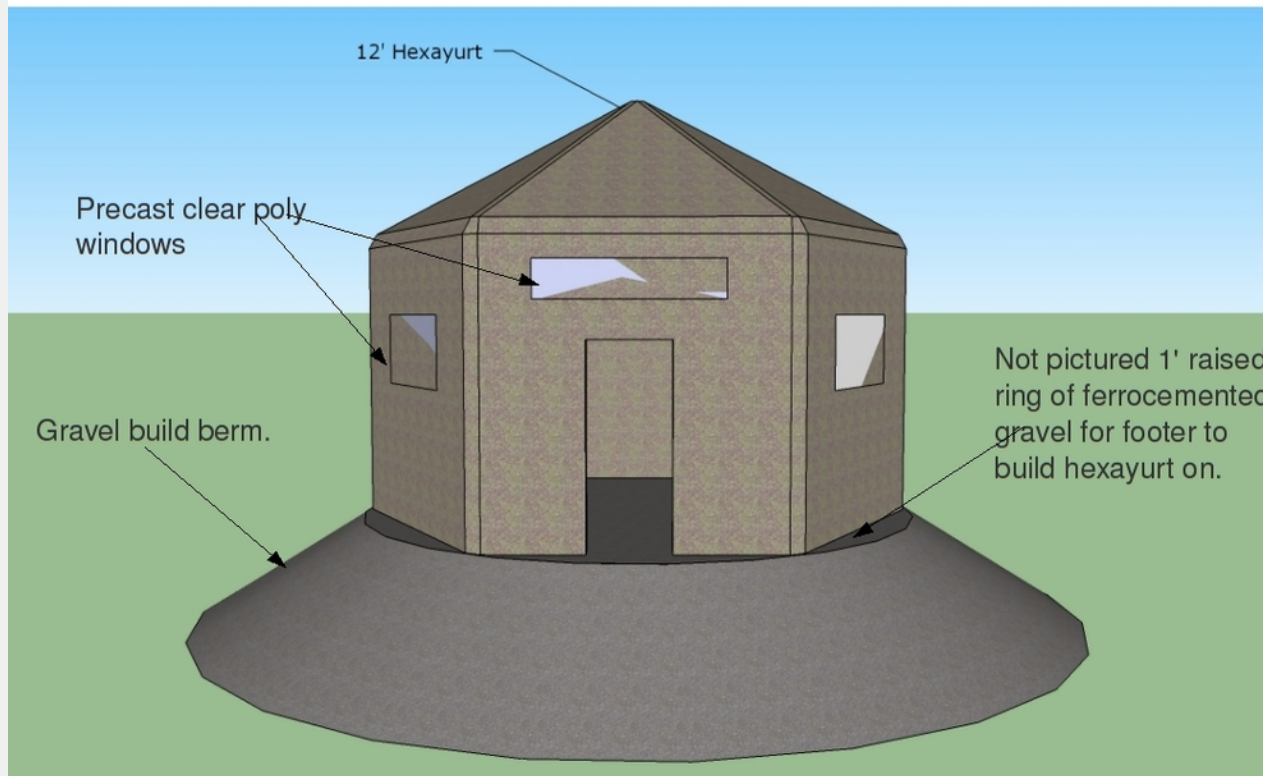


1/2 Open Source Ferrocement Hexayurt

Ferrocement applied over hexayurt constructed of insulating panel boards provides a durable, strong, thermally efficient low cost structure. Throw in some appropriate tech like rocket stove, solar oven, LED lighting and you have modern ultra lost housing



Solution

Intro
This concept is based on the open source hexayurt principles put forth by Vinay Gupta. So far the efforts of the hexayurt have been mainly applied to disaster relief and low cost recreational housing hacking. However the inherent repeatability and adaptability of the open source

approach will also be successful for long term low cost resilient housing and infrastructure. Ferro-cement sandwich panels seem like a very reasonable place to start this effort for several reasons; high rigidity, durable water proof surface, excellent thermal properties (depending on sandwich material and thickness chosen), and because of the strengthening effects of wire mesh this all occurs with minimized cement costs.

Basic Construction Approach

2/2

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Creative's profile



NRaum
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