

From: makiharju@berkeley.edu
Subject: Re: Questions on 1140 Dimensions
Date: September 14, 2016 10:25:01 AM PDT
To: Dan ESSLEY <dessley@nuc.berkeley.edu>, Chris Keckler <keckler@berkeley.edu>

Thanks Dan!

On Wed, Sep 14, 2016 at 10:19 AM -0700, "Dan ESSLEY" <dessley@nuc.berkeley.edu> wrote:

Hi Chris

The wall and floor thickness is roughly 10 - 12 inches thick and the ceiling height is 33.50 ft. Thanks Dan

On Tue, Aug 30, 2016 at 8:53 AM, Chris Keckler <keckler@berkeley.edu> wrote:

Hi Dan,

I am performing some shielding calculations for Professor Simo Markiharju in the ME department (copied), and have some questions on the geometry that you may be able to answer. Professor Makiharju is planning to put an X-ray source in the southeast corner of 1140 for his experiments, and for this, he needs some calculations to determine the dose throughout the room.

Professor Makiharju was able to give me many of the dimensions that I require for these calculations, however I am still missing some key pieces of info. Below I have listed these questions, which I am hoping you can help me answer.

1. What is the thickness of the outer walls of 1140?
2. What is the thickness of the floor and ceiling?
3. How tall is 1140 from floor to ceiling?

Any help you can give me will be much appreciated. If any of my questions are unclear, please let me know so that I can clarify.

Thanks,

Chris Keckler