

**TITLE:** Prefabricated Building Anchorage**DATE:** 10/2/2009**PROJECT:** BNL CCWF-II**JOB:****TO:** Attn: Alan Raphael  
Brookhaven National Laboratory  
Brookhaven Sciences Associates, LLC  
Project Modernization Office  
Upton, NY 11973-5000  
Phone: 631-344-5854**STARTED:****COMPLETED:****REQUIRED:** 10/9/2009**WORK****IMPACT:** Unknown**SCHEDULE****IMPACT:** Unknown**COST****IMPACT:** Unknown**QUESTION:**

October 2, 2009

Prefabricated Building Anchorage

We propose to use adhesive anchors for the anchorage of the steel structure of the prefabricated buildings 600A and 600C. Please clarify type and embed depth.

CC: File

**PROPOSED SOLUTION:****ANSWER:**

Prefab buildings are to be designed by Contractor retained Registered Design Professional/Prefab Building manufacturer, per performance based specifications included in the Contract. The anchor bolt sizes and forces are to be submitted as part of this design. Adhesive anchors, if used, should also be accepted by the Design Professional/Prefab Manufacturer. Hilti RE-500 anchorage system with double embedment is recommended, if adhesive anchors are used.

S. Muddappa  
Giffels Partnership  
10-08-09

**Requested By:** E.W. Howell Co., LLC**Date:** \_\_\_\_\_**Signed:** \_\_\_\_\_  
Lauren Bergin