

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

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SANTA BARBARA • SANTA CRUZ

OFFICE OF DESIGN & CONSTRUCTION SERVICES and PHYSICAL FACILITIES

CONTRACTING SERVICES  
Building 439  
Santa Barbara, California 93106-1030  
Telephone (805) 893-3356  
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**SENT VIA:**  FAX ON THIS DATE  
 E-MAIL  
 POSTED ON UCSB PLANROOM AND WEBSITE

HOLDERS OF PLANS AND SPECIFICATIONS:

Fire Alarm Mass Notification System, Campbell Hall  
FM140241S/100-60  
**Addendum No. 2**

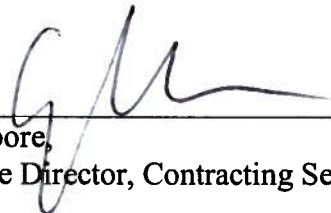
January 28, 2014

Enclosed is **ADDENDUM NO. 2** to the Construction Documents on the above-captioned project.

**The Bid date is Monday, February 3, 2014 at 2:30PM to be held at:**

CONTRACTING SERVICES  
Facilities Management, Bldg. 439,  
Door #E, Reception Counter  
University of California, Santa Barbara  
Santa Barbara, CA 93106-1030.

Late arrivals shall be disqualified. Please allow time for unforeseen traffic delays, securing a parking permit and potential parking problems.

  
\_\_\_\_\_  
Greg Moore,  
Associate Director, Contracting Services

ADDENDUM NO. 2

to the

CONSTRUCTION DOCUMENTS

January 28, 2014

**GENERAL**

The following changes, additions or deletions shall be made to the following document(s) as indicated; all other conditions shall remain the same.

**I. SPECIFICATIONS**

**Item No.**

1-1. **ADD** paragraph (A)(1) to Specifications §16120 Electrical Wires and Cables, Part 3, Execution, Article 3.01 Installation of Wires and Cables to read as follows:

(1) Contractor shall, among other listed requirements, conform to the following NEC provisions:

NEC Article 300.11(A)(1)(2) prohibits wiring methods of any type from being supported or secured to the support wires of both fire-rated and non-fire-rated ceiling assemblies, unless the ceiling support system was designed for that purpose. It is interpreted that the ceiling of Campbell Hall was not designed for that purpose.

Article 300.11(A) requires all wiring methods (including cable assemblies) to be rigidly supported independently from the ceiling structure by the building structure or support wires installed in addition to the ceiling grid support wires.

Article 300.11 (B)(3) does allow the use of raceways as a means of support where the raceway is used to support boxes or conduit bodies in accordance with 314.23 (A). In other words if the conduit is rigidly and securely fastened in place it can serve as a support for cable assemblies. So if the existing conduit that is being used for the fire alarm system above the ceiling can be utilized as a viable pathway for the new cable assembly, that would be allowed. It should not be interpreted as any conduit being used as support because cables wrapped around the outside of raceway can prevent the dissipation of heat from the raceway and affect the temperatures of the conductors within. But if the contractor wants to reuse the existing fire alarm conduit as a means of support, that would be acceptable.

Also-NEC Articles 760.24, 760.136, and 760.143 should be reviewed by the contractor to ensure the proper mechanical execution of work, necessary separation of Power Limited Fire Alarm cables, and the proper support of conductors.

The contractor will need to provide independent support wires in areas where no other viable pathway is possible. Allow the cables to be routed and supported by the catwalk structure where proper separation from other electrical systems is observed and sufficient protection from physical damage is provided.

II. **CLARIFICATIONS** – Set No. 1

Item No.

- 2-1. Question No. 1: Are there any campus-wide standards for Painting?  
**University Response No. 1:** Please refer to Specification Section 09900, Painting and Coatings.

END OF ADDENDUM NO. 2