**GENERAL NOTES:**

1. **FORCES AND ANCHORAGE ARE DETERMINED PER 2010 CALIFORNIA BUILDING CODE, ASCE 7-05 AND NFPA 13-10.**

   HORIZONTAL FORCE \( (E_h) = 2.00 \, W_p \)  \( (S_p = 2.00, A_p = 2.5, I_p = 15, R_p = 4.5, z/h \leq 1.0) \)

   VERTICAL FORCE \( (E_v) = 0.40 \, W_p \)

2. **PRODUCT APPROVED AND LISTED FOR ITS INTENDED PURPOSE, FM APPROVAL.**

   PROJECT ID: 304549B1, CLASS 1631 AND FM 791 AB10

3. **STRUCTURAL ENGINEER OF RECORD FOR THE BUILDING SHALL PROVIDE SUPPORT STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN, IN COMBINATION WITH ALL OTHER LOADS THAT MAY BE PRESENT.**

4. **STRUCTURAL ENGINEER OF RECORD TO VERIFY THAT THE ASSEMBLY WILL PERMIT ADEQUATE DISPLACEMENT IN ALL DIRECTIONS.**

5. **WHEN INSTALLED AND SUPPORTED BY SUSPENDED CEILINGS, THE CEILING SHALL MEET \# 1150 IN ACCORDANCE WITH ASTM-C635, ASTM-C636, AND ASTM-E580 SECTION 5 AS MODIFIED BY SECTION 1356.22 (MODIFICATION TO ASTM E580).**

6. **FLEXIBLE SPRINKLER HOSE LENGTHS CAN NOT EXCEED 6 FT.**

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**APPROVED**

Fixed Equipment Anchorage
Office of Statewide Health Planning and Development

OPA-2255-10
Pre-approval Program Manager:
Jeffrey Y. Kikumoto
(916) 445-6008

Reviewed By: Jeffrey Y. Kikumoto
8/30/13
GENERAL NOTES:

1. FORCES AND ANCHORAGE ARE DETERMINED PER 2010 CALIFORNIA BUILDING CODE, ASCE 7-05 AND NFPA 13-10.
   - HORIZONTAL FORCE (Eh) = 2.00 Wp 
   - VERTICAL FORCE (Ev) = 0.40 Wp

2. PRODUCT APPROVED AND LISTED FOR ITS INTENDED PURPOSE, FM APPROVAL.
   - PROJECT ID: 3045941, CLASS 1631 AND FM 791 AB10

3. STRUCTURAL ENGINEER OF RECORD FOR THE BUILDING SHALL PROVIDE SUPPORT STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN, IN COMBINATION WITH ALL OTHER LOADS THAT MAY BE PRESENT.

4. STRUCTURAL ENGINEER OF RECORD TO VERIFY THAT THE ASSEMBLY WILL PERMIT ADEQUATE DISPLACEMENT IN ALL DIRECTIONS.

5. WHEN INSTALLED AND SUPPORTED BY SUSPENDED CEILINGS, THE CEILING SHALL MEET 4" BE INSTALLED IN ACCORDANCE WITH ASTM-C635, ASTM-C636, AND ASTM-E580 SECTION 5 AS MODIFIED BY SECTION 13.5.6.22 (MODIFICATION TO ASTM E580).

6. FLEXIBLE SPRINKLER HOSE LENGTHS CAN NOT EXCEED 6 FT.
SEISMIC ANCHORAGE PRE-APPROVED DETAIL

2 x 4 STEEL STUD INSTALLATION

2 x 6, 2 x 8, 2 x 10 AND 2 x 12 STEEL STUD INSTALLATION

2 x 6, 2 x 8, 2 x 10 AND 2 x 12 WOOD STUD INSTALLATION

BRACKETS AVAILABLE UP TO 48" WIDE (EXCEPTION AB-10; 4" TO 6" LENGTH OF SQ BAR), BUT CAN BE ADJUSTED TO ANY WIDTH. PRODUCT MUST BE INSTALLED PER THE MANUFACTURER’S INSTALLATION INSTRUCTIONS.

APPROVED
Fixed Equipment Anchorage
Office of Statewide Health Planning and Development
OPA-2255-10
Pre-approval Program Manager:
Jeffrey Y. Kittumoto
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Reviewed By: Jeffrey Y. Kittumoto
8/30/13
SEISMIC ANCHORAGE

CEILING MOUNT

AB4 & AB4 BRACKETS

AB1, AB2 & AB10 BRACKETS

APPROVED
Fixed Equipment Anchorage
Office of Statewide Health Planning and Development

OPA-2255-10
Pre-approval Program Manager:
Jonathan Y. Kitamoto
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Reviewed By: Jeffrey Y. Kitamoto 8/30/13