



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR OSHPD PREAPPROVAL OF
MANUFACTURER'S CERTIFICATION (OPM)

OFFICE USE ONLY

APPLICATION #: OPM-0413-13

OSHPD Preapproval of Manufacturer's Certification (OPM)

Type: ☒ New ☐ Renewal ☐ Update to Pre-CBC 2013 OPA Number: _____

Manufacturer Information

Manufacturer: PREMIER MOUNTS

Manufacturer's Technical Representative: Tiffany Dozier

Mailing Address: 2620 Palisades Drive, Corona, CA. 92882

Telephone: On File Email: On File

Product Information

Product Name: PDS-PLUS Projector Mount

Product Type: Other mechanical and electrical components

Product Model Number: PDS-PLUS

General Description: Ceiling Mounted Low Profile Projector Mount

Applicant Information

Applicant Company Name: EASE Co.

Contact Person: Jonathan Roberson, S.E.

Mailing Address: 5877 Pine Ave. Suite 210, Chino Hills, CA. 91709

Telephone: (909) 606-7622 Email: J.Roberson@EASECo.com

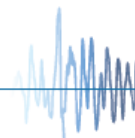
I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2016.

Signature of Applicant: _____ Date: 4/4/17

Title: Principal Engineer Company Name: EASE Co.

"Access to Safe Quality Healthcare Environments that Meet California's

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY
OSH-FD-700 (REV 12/16/15)



OSHPD

"Equitable Healthcare Accessibility for California"



**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

Registered Design Professional Preparing Engineering Recommendations

Company Name: EASE Co.

Name: Jonathan Roberson, S.E. California License Number: S4197

Mailing Address: 5877 Pine Ave. Suite 210, Chino Hills, CA. 91709

Telephone: 909-606-7622 Email: J.Roberson@EASECo.com

OSHPD Special Seismic Certification Preapproval (OSP)

- ☐ Special Seismic Certification is preapproved under OSP-
(Separate application for OSP is required)
- ☒ Special Seismic Certification is not preapproved

Certification Method(s)

- ☐ Testing in accordance with: ☐ ICC-ES AC156 ☐ FM 1950-16
- ☐ Other* (Please Specify): _____

*Use of criteria other than those adopted by the California Building Standards Code, 2016 (CBSC 2016) for component supports and attachments are not permitted. For distribution system, interior partition wall, and suspended ceiling seismic bracing, test criteria other than those adopted in the CBSC 2016 may be used when approved by OSHPD prior to testing.

- ☒ Analysis
- ☐ Experience Data
- ☐ Combination of Testing, Analysis, and/or Experience Data (Please Specify): _____

List of Attachments Supporting the Manufacturer's Certification

- ☐ Test Report ☒ Drawings ☒ Calculations ☐ Manufacturer's Catalog
- ☐ Other(s) (Please Specify): _____

OFFICE USE ONLY – OSHPD APPROVAL VALID FOR CBC 2016 & ALL PRE-2016 CODE BASED PROJECTS

Signature: *Jeffrey Enzler* Date: 8/7/2019

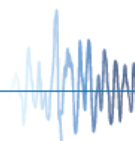
Print Name: Jeffrey Enzler

Title: District Structural Engineer

Condition of Approval (if applicable): _____

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STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY
OSH-FD-700 (REV 12/16/15)



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**EQUIPMENT ANCHORAGE
& SEISMIC ENGINEERING**

5877 Pine Ave, Ste. 210
Chino Hills, CA. 91709
Phn: (909) 606-7622

Office of Statewide Health Planning and Development

PREAPPROVAL OF MANUFACTURER'S CERTIFICATION

OPM-0413-13

THIS PREAPPROVAL CONFORMS TO THE 2016 CALIFORNIA BUILDING CODE

MANUFACTURER: **PREMIER MOUNTS**
EQUIPMENT NAME: **PDS-PLUS/PDS-PLUS-W PROJECTOR MOUNTS**

Sheet: 1 of 4

Date: 8/1/19

GENERAL NOTES

1. THIS OSHPD PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2016 CBC, THE DEMANDS (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2016 CBC
2. THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LISTED ABOVE FOR THE SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSENT.
3. THIS PREAPPROVAL CONFORMS TO THE 2016 CALIFORNIA BUILDING CODE.
4. FORCES PER ASCE 7-10 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3, WHERE $S_{ds} = 1.70$, $a_p = 1.0$, $I_p = 1.5$, $R_p = 1.5$, $z/h \leq 1$.
5. THE DETAILS IN THIS PREAPPROVAL MAY BE USED AT ANY LOCATION IN THE STATE OF CALIFORNIA, WHERE S_{ds} IS NOT GREATER THAN 1.70.
6. ALL DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENGTH DESIGN.
7. SHEET METAL SCREWS SHALL BE TEKS SCREWS BY ITW BUILDEX (ICC ESR-1976).
8. THIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUCTURE.
9. **RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD OF THE BUILDING**
 - A. PROVIDE SUPPORTING STRUCTURE REQUIRED TO SUPPORT WEIGHTS AND FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS.
 - B. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2016 CBC AND WITH THE DETAILS SHOWN IN THIS PREAPPROVAL. VERIFY THAT THE ACTUAL EQUIPMENT'S WEIGHT, CG LOCATION, ANCHOR LOCATIONS, ANCHOR DETAILS AND THE MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SHOWN ON THE PREAPPROVAL DOCUMENTS.
 - C. VERIFY THAT THE COMBINATION OF S_{ds} & z/h RESULT IN SEISMIC FORCES (E_h , E_v) THAT ARE NOT GREATER THAN THE VALUES ON THE DETAILS.
 - D. DESIGN BACKING BARS, STUDS, ETC. WHICH THE UNITS ARE ATTACHED TO AS NOTED ON THE DRAWINGS.



PREMIER MOUNTS

PDS-PLUS/PDS-PLUS-W PROJECTOR MOUNTS

DES. **J. ROBERSON**

JOB NO. **11-1703**

DATE **8/1/19**

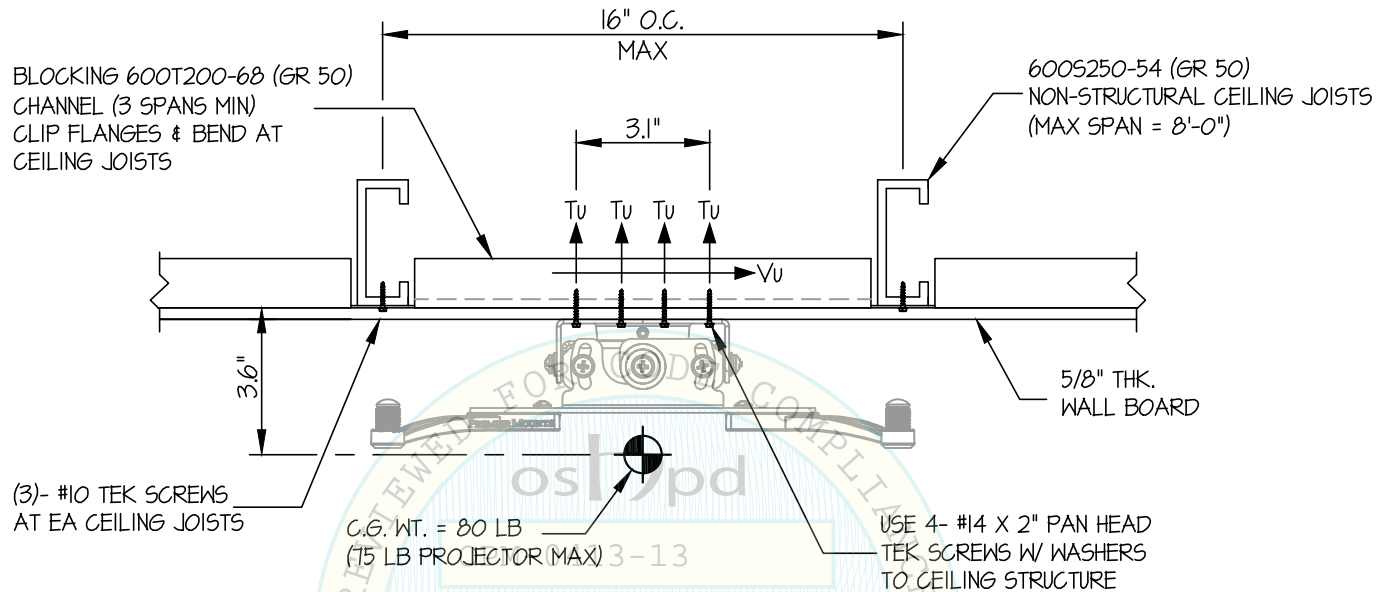
SHEET

2

OF **4** SHEETS

SEISMIC SUPPORTS & ATTACHMENTS

CEILING MOUNTED



NOTES:

- FORCES ARE DETERMINED PER 2016 CALIFORNIA BUILDING CODE AND ASCE 7-10

STRENGTH DESIGN IS USED. ($S_{DS} = 1.70$, $a_p = 1.0$, $I_p = 1.5$, $R_p = 1.5$, $z/h \leq 1$)

HORIZONTAL FORCE (E_h) = $2.04 W_p$

VERTICAL FORCE (E_v) = $0.34 W_p$

- CENTER OF GRAVITY (C.G.) AND WEIGHT ARE THE GOVERNING PARAMETERS FOR DESIGN. THIS PREAPPROVAL ENCOMPASSES ALL WEIGHTS UP TO THE MAXIMUM WEIGHT SHOWN.
- 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.



PREMIER MOUNTS

DES. J. ROBERSON

SHEET

3

JOB NO. 11-1703

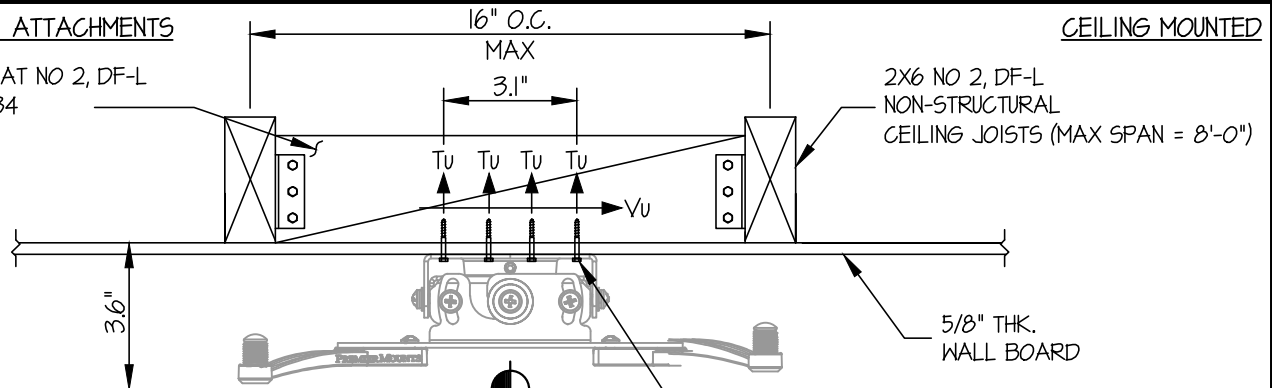
PDS-PLUS/PDS-PLUS-W PROJECTOR MOUNTS

DATE 8/1/19

OF 4 SHEETS

SEISMIC SUPPORTS & ATTACHMENTS

BLOCKING 4X6 FLAT NO 2, DF-L
W/ (4) SIMPSON A34
1 EA CORNER

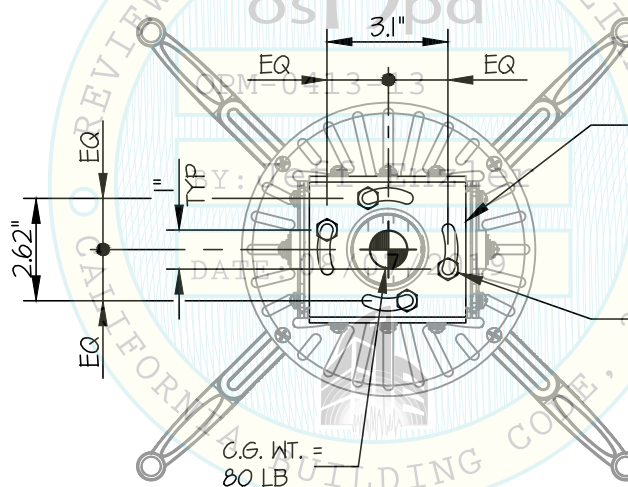


CEILING MOUNTED

C.G. WT. =
80 LB

ELEVATION
(WOOD CEILING)

USE 4- #14 X 3" PAN HEAD
WOOD SCREWS W/ STANDARD WASHERS
TO CEILING STRUCTURE



BASE PLATE
(13 GA, A1008, Fy=20 KSI MIN)
(BY MFR)

USE (4)- #14 X 2" PAN HEAD
TEK SCREWS TO STEEL JOIST
OR (4)- #14 X 2" PAN HEAD
WOOD SCREWS TO CEILING STRUCTURE

PLAN AT PLATE



PREMIER MOUNTS

PDS-PLUS/PDS-PLUS-W PROJECTOR MOUNTS

DES. J. ROBERSON

JOB NO. 11-1703

DATE 8/1/19

SHEET

4

OF 4 SHEETS

SEISMIC SUPPORTS & ATTACHMENTS

CEILING MOUNTED

600S250-54 (GR 50)
NON-STRUCTURAL CEILING JOISTS
(MAX SPAN = 8'-0")

(4)- #10 TEK SCREWS
2 TOP, 2 BOTTOM

STRUCTURAL ENGINEER OF RECORD
SHALL DESIGN THE WALL STRUCTURE
(16 GA., 50 KSI MIN.)

LEDGER 600T200-68 (GR 50)
W/ (3)- #10 TEK SCREWS TO
(16 GA., 50 KSI) WALL STUDS (MIN)

5/8" THK.
WALL BOARD

BY: Jeff Enzler

SECTION AT STEEL STUD WALL

DATE: 08/07/2019

NOTE:

NO SPLICES OF LEDGER WITHIN
2'-0" OF CEILING BAY
WITH COMPONENT (TYP)

2X6 (NO 2 DF-L)
CEILING JOIST W/
SIMPSON "JB" TOP
FLANGE HANGERS

2X6 NO 2 DF-L LEDGER
W/ (3)- 16d PER
WALL STUD

5/8" THK.
WALL BOARD

STRUCTURAL ENGINEER OF RECORD
SHALL DESIGN THE WALL STRUCTURE
(DOUGLAS-FIR LARCH NUMBER 2 MIN.)

SECTION AT WOOD STUD WALL

