



OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

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

OFFICE USE ONLY

APPLICATION #: OPM-0194-13

OSHPD Preapproval of Manufacturer's Certification (OPM)

Type: [X] New [ ] Renewal [ ] Update to Pre-CBC 2013 OPA Number:

Manufacturer Information

Manufacturer: Chatsworth Products, Inc.

Manufacturer's Technical Representative:

Mailing Address: 3004 South Austin Ave., Georgetown, TX. 78626

Telephone: 800-834-4969 Email:

Product Information

Product Name: Cube-iT PLUS Cabinet, 24"W x 24"H x 13"D

Product Type: Telecommunications enclosure

Product Model Number: 13265-x24

General Description: Wall-mounted storage cabinet

Applicant Information

Applicant Company Name: Ascom Wireless Solutions

Contact Person: Daniel DeHanes

Mailing Address: 9024 Town Center Parkway, Suite 100, Bradenton, FL 34202

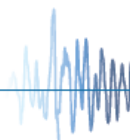
Telephone: 941-684-5481 Email: daniel.dehanes@ascom-ws.com

I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2013.

Signature of Applicant: [Signature] Date: 02/16/2015

Title: Compliance Engineer Company Name: Ascom Wireless Solutions

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"





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

**Registered Design Professional Preparing Engineering Recommendations**

Company Name: Forell/Elsesser Engineers, Inc.

Name: Marco Scanu California License Number: S4454

Mailing Address: 160 Pine Street, 6<sup>th</sup> Floor, San Francisco, CA 94111

Telephone: 415-837-0700 Email: scanu@forell.com

**OSHPD Special Seismic Certification Preapproval (OSP)**

- Special Seismic Certification is preapproved under OSP-0207-10  
(Separate application for OSP is required)
- Special Seismic Certification is not preapproved

**Certification Method(s)**

- Testing in accordance with:  ICC-ES AC156  FM 1950-10
- Other\* (Please Specify): \_\_\_\_\_

\*Use of criteria other than those adopted by the California Building Standards Code, 2013 (CBSC 2013) for component supports and attachments are not permitted. For distribution system, interior partition wall, and suspended ceiling seismic bracings, test criteria other than those adopted in the CBSC 2013 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 2013 ONLY**

Signature: *William Staehlin* Date: 05/08/2015

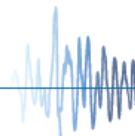
Print Name: William Staehlin

Title: SSE

Condition of Approval (if applicable): \_\_\_\_\_

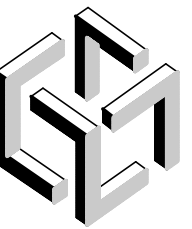
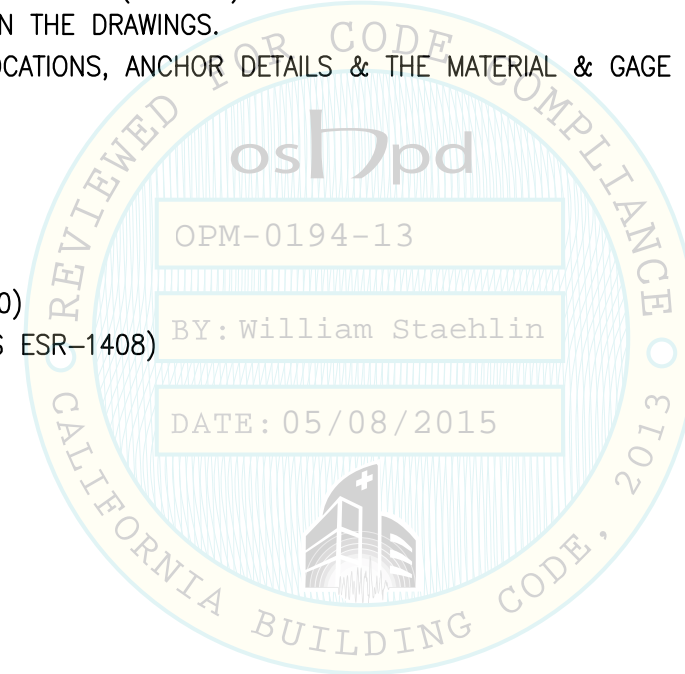
"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY  
OSH-FD-700 (REV 10/22/14)



**GENERAL NOTES:**

1. THIS OSHPD PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2013 CBC. THE DEMANDS (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2013 CBC.
2. THIS PREAPPROVAL CONFORMS TO THE 2013 CBC. THE DETAILS IN THIS PREAPPROVAL MAY BE USED AT ANY HEIGHT IN STATE OF CA WHERE  $S_{Ds}$  IS NOT GREATER THAN 2.5.
3. FORCES ARE PER ASCE 7-10 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2, & 13.3-3 WHERE  $S_{Ds} \leq 2.5$ ,  $I_p = 1.5$ ,  $z/h \leq 1.0$ ,  $a_p = 2.5$ , &  $R_p = 6.0$ . COMPONENTS CATEGORIZED AS MECHANICAL COMPONENTS CONSTRUCTED OF SHEET METAL FRAMING PER ASCE 7-10 TABLE 13.6-1.
4. THIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUCTURE.
5. ALL DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENGTH DESIGN.
6. RESPONSIBILITIES OF THE SEOR OF THE BUILDING:
  - a. PROVIDE SUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL OTHER LOADS.
  - b. VERIFY INSTALLATION IS IN CONFORMANCE WITH THE 2013 CBC AND WITH THE DETAILS SHOWN IN THIS PREAPPROVAL
  - c. VERIFY THAT PROJECT SPECIFIC VALUES OF  $S_{Ds}$  &  $z/h$  RESULT IN SEISMIC FORCES ( $E_h$  &  $E_v$ ) THAT DO NOT EXCEED THE VALUES ON THE DETAILS.
  - d. DESIGN BACKING PLATES WHICH THE UNITS ARE ATTACHED TO AS NOTED ON THE DRAWINGS.
  - e. VERIFY THAT THE ACTUAL EQUIPMENT'S WEIGHT, C.G. LOCATION, ANCHOR LOCATIONS, ANCHOR DETAILS & THE MATERIAL & GAGE OF THE UNIT WHERE THE ATTACHMENTS ARE MADE AGREE w/ THE INFORMATION SHOWN ON THE PREAPPROVAL DOCUMENTS.
7. SHEET METAL SCREWS SHALL BE ANY OF THE FOLLOWING:
  - a. TEKS SELF-DRILLING FASTENERS BY ITW BUILDEX (ICC-ES ESR-1976)
  - b. HWH AND HHWH SELF-DRILLING SCREWS BY HILTI (ICC-ES ESR-2196)
  - c. SELF-DRILLING TAPPING SCREWS BY GLOBAL FASTENERS (ICC-ES ESR-1730)
  - d. MARKER & DARTS SELF-DRILLING TAPPING SCREWS BY PRO-TWIST (ICC-ES ESR-1408)



FORELL/ELESSESSER  
ENGINEERS, INC.  
Structural Engineers  
180 Pine Street San Francisco, CA 94111  
Ph: (415) 837-0700 Fax: (415) 837-0800  
F/E Job #15-008

CONSULTANTS



CHATSWORTH PRODUCTS, INC.

CUBE-IT CABINET 24x24x13  
MODEL NO. 13265-X24  
OPM-0194-13

SHEET TITLE  
**GENERAL  
NOTES**

SHEET NO.  
**S0.01**

CHATSWORTH PRODUCTS, INC. CUBE-IT CABINET

MODEL NO.	CABINET SIZE WxHxD (IN)	WEIGHT (LBS)	MAX. OP. WEIGHT (LBS)
13265-X24	24 x 24 x 13	60	260

DEMAND FORCES:

Tu max = 153 LBS/SCREW  
Vu max = 94 LBS/SCREW

CABINET SPECIFICATIONS

WALL MOUNTED

ASTM A1008 Gr 25 OR BETTER,  
14GA. PANELS AT SCREW  
LOCATIONS

MIN Fy = 25 KSI  
Fu = 42 KSI

SUBSTRATE REQUIREMENTS

LIGHT GAUGE FRAMING W/ MIN.  
16 GA., ASTM A653, GR. 50  
BACKING AT SCREW LOCATIONS

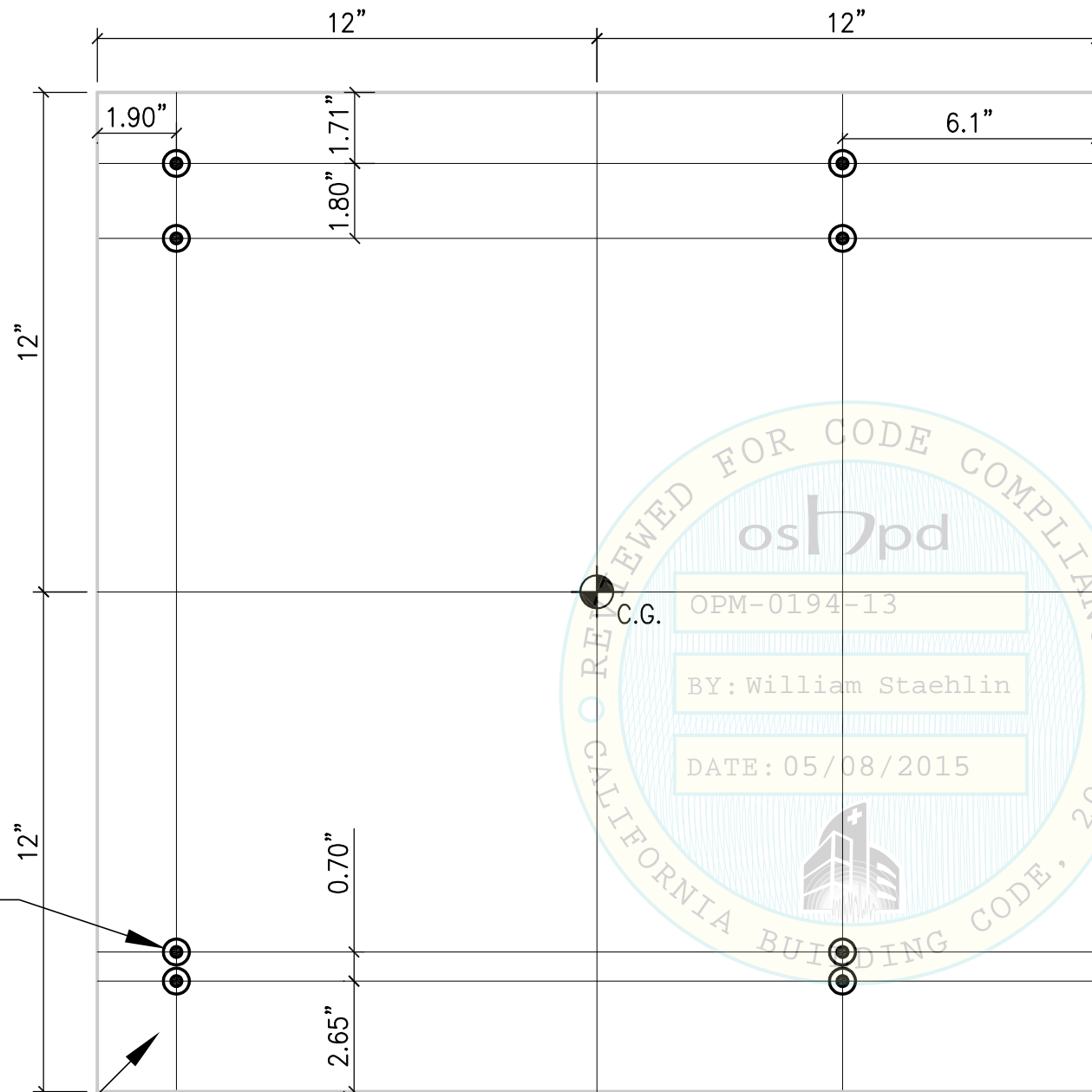
Fy= 50 KSI  
Fu= 65 KSI

PARAMETERS

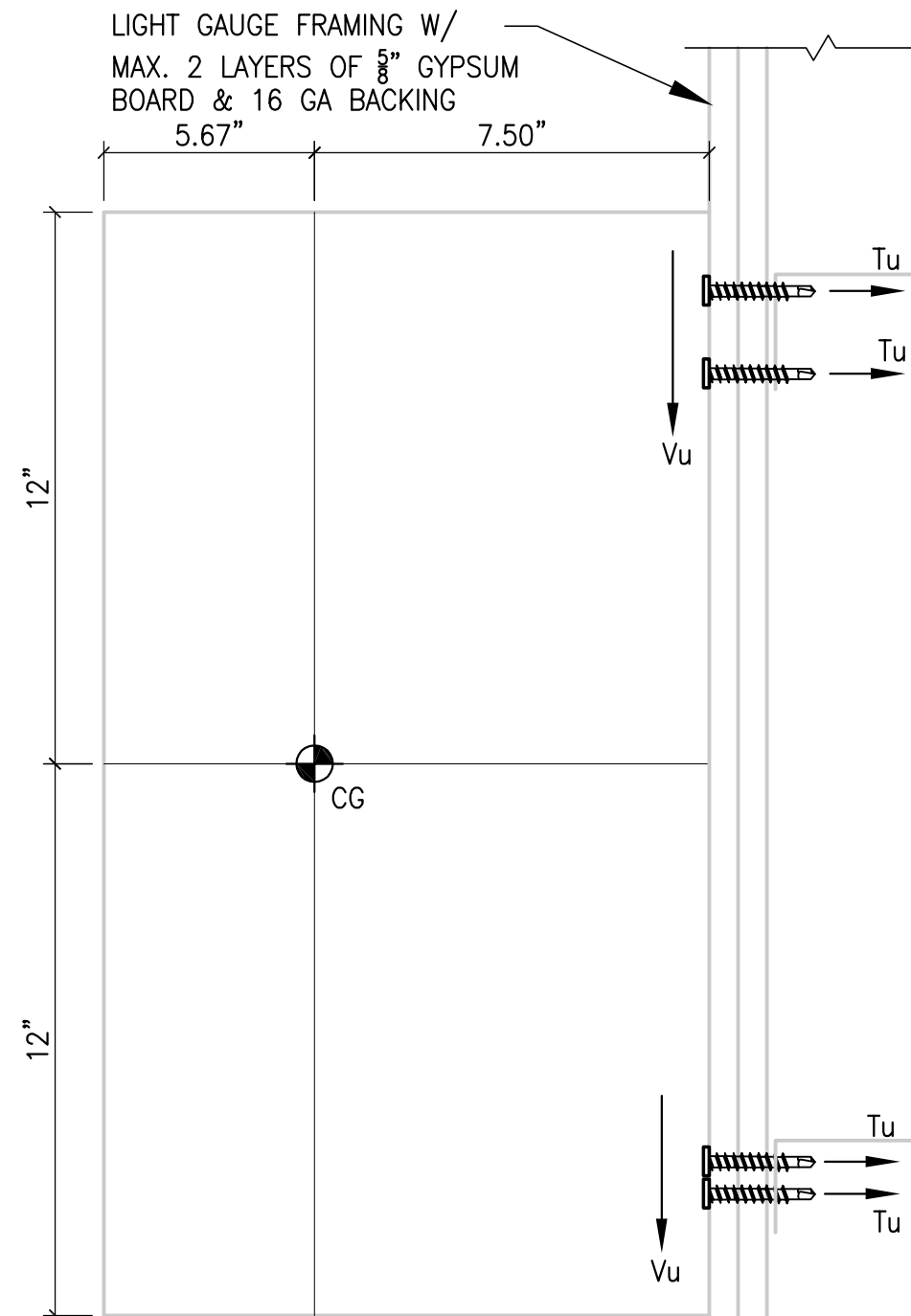
S<sub>ps</sub> <= 2.5  
a<sub>p</sub>= 2.5, R<sub>p</sub>= 6.0  
I<sub>p</sub>= 1.5  
z/h <= 1.0

USE 8 #12 S.M.S.  
W/ 1/8" x 5/8" O.D.  
FENDER WASHER TO  
BACKING PLATE

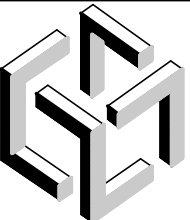
ASTM A1008,  
14GA.



FRONT ELEVATION



SIDE ELEVATION



FORELL/ELMESSER  
ENGINEERS, INC.  
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160 Pine Street San Francisco, CA 94111  
Ph: (415) 837-0700 Fax: (415) 837-0800  
T/E see #13-008

CONSULTANTS



CHATSWORTH PRODUCTS, INC.

CUBE-IT CABINET 24x24x13  
MODEL NO. 13265-X24  
OPM-0194-13

ASCOM CERTIFIES THIS DOCUMENT  
AS AN OUTLINE DRAWING

SIGNATURE \_\_\_\_\_  
PRINT NAME \_\_\_\_\_  
TITLE \_\_\_\_\_  
DATE \_\_\_\_\_

SHEET TITLE

CUBE IT

SHEET NO.

S0.02