

## DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

### APPLICATION FOR HCAI PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM)

OFFICE USE ONLY

APPLICATION #: OPM-0110

HCAI Preapprova	I of Manufacturer's	Certification	(OPM)
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Type: New X Renewal/Update

#### **Manufacturer Information**

Manufacturer: Oberon Inc.

Manufacturer's Technical Representative: Rick Conklin

Mailing Address: 1315 S. Allen St. Suite 410, State College, PA 16801

Telephone: (814) 867-2312

Email: rlc@oberonwireless.com

#### **Product Information**

Product Name: WIRELESS ROUTER ENCLOSURES PM-0068

Product Type: Computer

Product Model Number: 105x Series, 106x Series, 107x Series & 305x Series

General Description: Wall & Ceiling Mounted Interior Wireless Router Enclosures

#### **Applicant Information**

Applicant Company Name: E	EASE LLC.	
Contact Person: Tiffany Tor	n	ILDING
Mailing Address: 1515 FAIR	VIEW AVE, STE 205, MISSO	ULA, MT 59801
Telephone: (406) 541-3273	Email:	tiffany@easeco.com

Title: Office Manager

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

STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY



## DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

# Registered Design Professonal Preparing Engineering Recommendations Company Name: EASE LLC Name: Jonathan Roberson California License Number: S4197

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

Telephone: (951) 295-1892

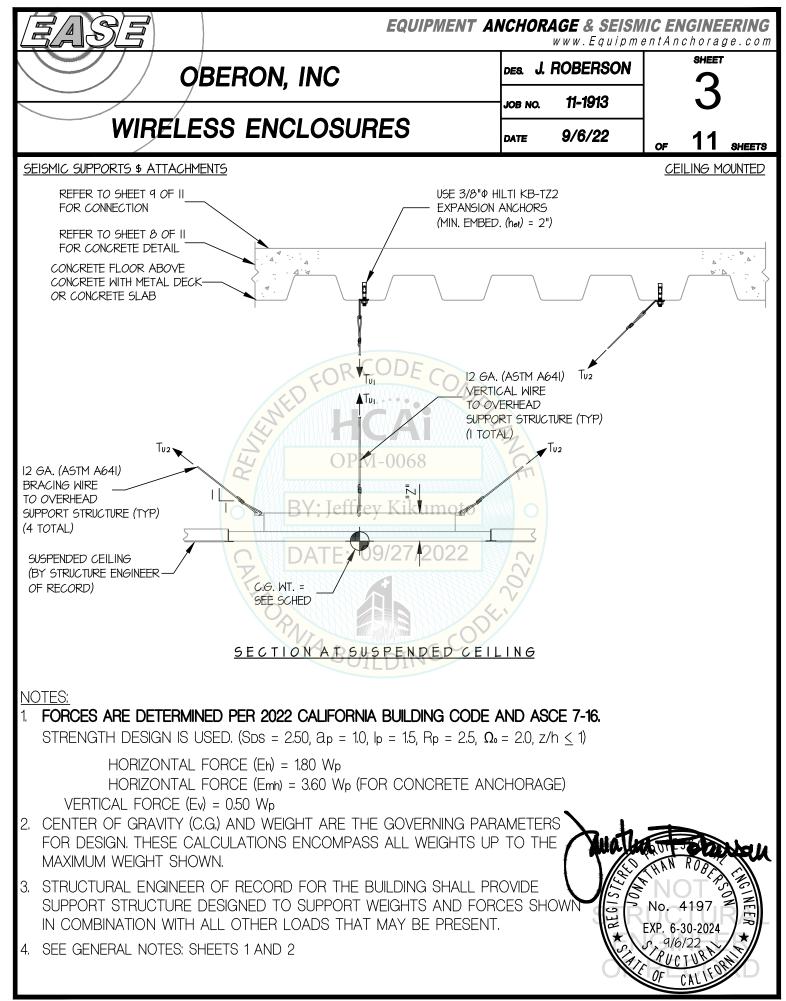
Email: jon@EASECo.com

HCAI Special Seismic Certification Preapproval (OSP)							
Special Seismic Certification is preappro	oved under OSP	OSP Number:					
	-DCODE						
	FORCODEC						
Certification Method	ED	Mp,					
Testing in accordance with:	AC156 🔲 FM 1950-16						
Other(s) (Please Specify):	OPM-0068	1.1.2 C					
	ibution system, interior partit	lards Code, 2022 (CBSC 2022) for component supports ion wall, and suspended ceiling seismic bracings, test ipproved by HCAI prior to testing.					
X Analysis							
Experience Data	DATE: 09/27/20						
Combination of Testing, Analysis, and/or Experience Data (Please Specify):							
	RNIA	CODE					
HCAI Approval	BOILDING						
Date: 9/27/2022							
Name: Jeffrey Kikumoto		Title: Senior Structural Engineer					
Condition of Approval (if applicable):							



	EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING The Department of Health Care PREAPPROVAL OF MANUFACT OPM-01 THIS PREAPPROVAL CONFORMS TO THE 24	URER'S CERTIFICATION <b>10</b>
	MANUFACTURER: OBERON, INC EQUIPMENT NAME: WIRELESS ENCLOSURES	Sheet: <u>1 of 11</u> Date: 9/6/22
1.	<ul> <li><u>GENERAL NOTES</u></li> <li>THIS HCAI PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2</li> <li>THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CO SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUME</li> </ul>	022 CBC NSENT OF THE MANUFACTURER LISTED ABOVE FOR THE
5.	<ol> <li>THIS PREAPPROVAL CONFORMS TO THE 2022 CALIFORNIA BUILDING C</li> <li>FORCES PER ASCE 7-16 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 &amp; 13</li> <li>THE DETAILS IN THIS PREAPPROVAL MAY BE USED AT ANY LOCATION GREATER THAN 2.50.</li> </ol>	DDE. 3-3, WHERE SDS = 2.50, $a_p$ = 1.0, $I_p$ = 1.5, $R_p$ = 2.5, z/h $\leq$ 1. N THE STATE OF CALIFORNIA, WHERE SDS IS NOT
6. 7. 8. 9.	<ol> <li>ALL DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOA</li> <li>SHEET METAL SCREWS SHALL BE TEKS SCREWS BY ITW BUILDEX (ICC</li> <li>THIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENT</li> <li>RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RE-</li> </ol>	ESR-1976). S OF THE EQUIPMENT TO THE STRUCTURE.
	<ul> <li>A. PROVIDE SUPPORTING STRUCTURE REQUIRED TO SUPPORT WEIG TO ALL OTHER LOADS.</li> <li>B. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2 PREAPPROVAL. VERIFY THAT THE ACTUAL EQUIPMENT'S WEIGHT, AND THE MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENT ON THE PREAPPROVAL DOCUMENTS.</li> <li>C. VERIFY THAT THE COMBINATION OF SDS &amp; z/h RESULT IN SEISMIC F VALUES ON THE DETAILS.</li> <li>D. DESIGN BACKING BARS, STUDS, ETC. WHICH THE UNITS ARE ATTA ON THE DRAWINGS.</li> </ul>	022 CBC AND WITH THE DETAILS SHOWN IN THIS CG LOCATION, ANCHOR LOCATIONS, ANCHOR DETAILS S ARE MADE AGREE WITH THE INFORMATION SHOWN ORCES (Eh , Ev) THAT ARE NOT GREATER THAN THE

EASE			EQUIP	MENT	ANCHO			I <b>C ENGINE</b> ntAnchora	
	ØBERON, IN	IC			DES.	J. ROBEF	rson		r
						o. 11-19	13	Ζ	
VVIRE	LESS ENCL	Jour	Eð		DATE	9/6/2	22	<sub>of</sub> 11	SHEETS
	O BE MADE WITH THE ANCH NDING ICC REPORT.	IORS LISTEI	D BELOW	AND INS	TALLED A	S DESCRIBE	ED		
Anchor Concrete Diameter Type	Min. fc Anchor Type	ICC Report No.	Min. Embed.	Min. Spacing	Min. Edge Dist.	Min. Conc. Thickness	Torque Test	Direct Te	nsion
3/8" Sand Light Weight	3000 Hilti Kwik Bolt TZ2 (CARBON STEEL)	ESR-4266	2"	6.75"	12"	3.25" Over Flutes	30 FT-LB	N/A	\
EDGE DISTANCES. C. TESTING AND SPE BE PERFORMED BY EMPLOYED BY THE AND CAC 7-149. AL OF RECORD, OWN RESPONSIBLE CHA	DR FAILS, TEST ALL ANCHOR	C 1704A & 19 C 170	Y 910A.5 SPECTOR INO68	moto 022				No. 4197 XP. 6-30-2024 PUCIVE OF CALLED 4 of 13	A FILL MER +



h	ASE					EQUIP	MENT			<b>SMIC ENGINEERING</b> mentAnchorage.com
OBERON, INC							des. J. I	DES. J. ROBERSON		
								JOB NO.	11-1913	<b>∃</b> 4
	WIR	ZLESS	S EN	CLO	SUR	ES		DATE	9/6/22	OF 11 SHEETS
<u>SEISM</u>	11C SUPPORTS \$ AT	TACHMENTS								CEILING MOUNTED
	SUMMARY TABLE		•							
	SERIES	WEIGHT (Ib.)	"X" (in.)	"Y" (in.)	"Z" (in.)	Eh (LB.)	Ev (LB.)	Tu1 (VERTICAL)	Tu₂ (BRACING)	SUPPORT TYPE
	1028-XX	18.0	14.00	15.84	9.10	33	9	31	33	SUSPENDED
	1064-00	11.0	11.66	15.92	1.68	20	6	20	20	SUSPENDED
	1064-T	11.0	11.66	15.92	1.68	20	6	20	20	SUSPENDED
	1068-00	11.0	9.5	17.15	1.86	20	6	20	20	SUSPENDED
	1052-XX	16.5	13.25	12.75	4.56	30	8	28	30	SUSPENDED
	1074-XX	15.5	23.54	23.04	6.25	28	8	27	28	SUSPENDED
	1076-XX	12.0	12.75	12.75	3.10	- 22	6	21	22	SUSPENDED
	1077-XX	12.0	13.25	12.75	3.10	22	6	21	22	SUSPENDED
	1040-XX	4.0	-18.0	2.81	3.04	8	2	77	8	SUSPENDED
	1042-XX	6.0	211.0	11.0	3.00	11	3	ttt I	11	SUSPENDED
	1044-XX	10.0	<mark>11</mark> .50	R <sup>11,0</sup> . T	3.05	Kil8	5	17	18	SUSPENDED
	1046-XX	13.0	<mark>13</mark> .19	13.41	3.05	24	7	23	24	SUSPENDED

NOTES: 1. CG LOCATION IS CONSERVATIVELY USED AT DISTANCE "Z" 2. Eh DOES NOT INCLUDE Ω₀ FACTOR

16.0

7.0

7.0

15.0

13.5

19.12

13.00

13.00

16.00

16.00

19.34

16.00

16.00

16.00

16.00

3.05

2.50

2.50

4.56

2.36

29

13

13

27

125

8

4

4

8

7

28

7

 $V_7$ 

11

9



SUSPENDED

WALL (SURF MT)

CEILING (SURF MT)

RECESS MOUNT CLG

RECESS MOUNT CLG

29

4

4

7

7

1047-XX

3057-SMTBOX

3057-SMTBOX

1051-XX

3057-00

