

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)
-----------------	---------------------	---------------	-------

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

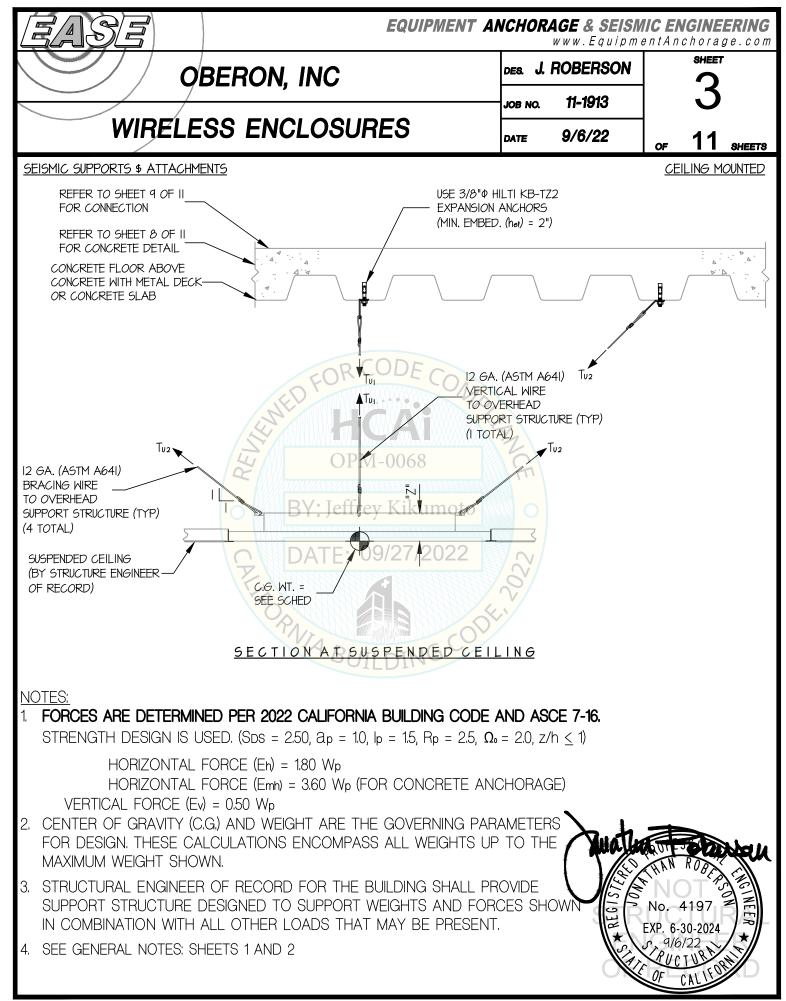
Email: jon@EASECo.com

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 10
	MANUFACTURER: OBERON, INC EQUIPMENT NAME: WIRELESS ENCLOSURES	Sheet: <u>1 of 11</u> Date: 9/6/22
1.	 <u>GENERAL NOTES</u> THIS HCAI PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2 THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CO SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUME 	022 CBC NSENT OF THE MANUFACTURER LISTED ABOVE FOR THE
5.	 THIS PREAPPROVAL CONFORMS TO THE 2022 CALIFORNIA BUILDING C FORCES PER ASCE 7-16 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13 THE DETAILS IN THIS PREAPPROVAL MAY BE USED AT ANY LOCATION GREATER THAN 2.50. 	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.	 ALL DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOA SHEET METAL SCREWS SHALL BE TEKS SCREWS BY ITW BUILDEX (ICC THIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENT RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RE- 	ESR-1976). S OF THE EQUIPMENT TO THE STRUCTURE.
	 A. PROVIDE SUPPORTING STRUCTURE REQUIRED TO SUPPORT WEIG TO ALL OTHER LOADS. 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. C. VERIFY THAT THE COMBINATION OF SDS & z/h RESULT IN SEISMIC F VALUES ON THE DETAILS. D. DESIGN BACKING BARS, STUDS, ETC. WHICH THE UNITS ARE ATTA ON THE DRAWINGS. 	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 C ENGINE ntAnchora	
	ØBERON, IN	IC			DES.	J. ROBEF	rson		r
						o. 11-19	13	Ζ	
VVIRE	LESS ENCL	Jour	Eð		DATE	9/6/2	22	_{of} 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			SMIC ENGINEERING mentAnchorage.com
OBERON, INC							des. J. I	DES. J. ROBERSON		
								JOB NO.	11-1913	∃ 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 ^{11,0} . 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

