

DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION FACILITIES DEVELOPMENT DIVISION

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

OFFICE USE ONLY

APPLICATION #: OPM-0278

-ICAI Preapprova	l of Manufacturer's	Certification	(OPM)
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Type: New X Renewal/Update

Manufacturer Information

Manufacturer: Legrand AV

Manufacturer's Technical Representative: Michael Harrell

Mailing Address: 6436 City West Parkway, Eden Prairie, MN 55344

Telephone: (952) 225-6313

Email: michael.harrell@legrand.com

Product Information

Product Name: MSA1U & MTA1U SERIES MONITOR	RWALL MOUNTS
Product Type: Computer	
Product Model Number: MSA1U, MTA1U BY:	William Staehlin O
General Description: Wall Mount for Video Monitor	F 01/20/2021
Applicant Information	
Applicant Company Name: EASE LLC.	
Contact Person: Tiffany Tonn	BUILDING
Mailing Address: 1515 FAIRVIEW AVE, STE 205, MI	SSOULA, MT 59801
Telephone: (406) 541-3273 Er	nail: tiffany@easeco.com

Title: Office Assistant





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 preapproved under OSP OSP Number:							
FOR CODE COM							
Certification Method							
esting in accordance with: ICC-ES AC156 FM 1950-16							
Other(s) (Please Specify):							
Use of criteria other than those adopted by the California Building Standards Code, 2022 (CBSC 2022) for component support and attachments are not permitted. For distribution system, interior partition wall, and suspended ceiling seismic bracings, test riteria other than those adopted in the CBSC 2022 may be used when approved by HCAI prior to testing.							
X Analysis							
Experience Data							
Combination of Testing, Analysis, and/or Experience Data (Please Specify):							
ORNUS CONT							
ICAI Approval							
Date: 1/29/2024							
Name: William Staehlin Title: Senior Structural Engineer							
condition of Approval (if applicable):							



		EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING The Department of Health Care Access and Information PREAPPROVAL OF MANUFACTURER'S CERTIFICATION OPM-0278 THIS PREAPPROVAL CONFORMS TO THE 2022 CALIFORNIA BUILDING CODE	5877 Pine Ave, Ste. 210 Chino Hills, CA. 91709 Phn: (909) 606-7622					
		FACTURER: MILESTONE INC. MENT NAME: MSA1U & MTA1U SERIES MONITOR WALL MOUNT	Sheet: <u>1 of 8</u> Date: 1/22/24					
G	ENE	RAL NOTES						
1.		IIS HCAI PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2022 CBC. THE DEM. ESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2022 CBC	ANDS					
2.	TH	IS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LISTE ECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSEN						
3.		IS PREAPPROVAL CONFORMS TO THE 2022 CALIFORNIA BUILDING CODE WHERE SDS IS NOT GREATER THA						
4.		RCES PER ASCE 7-16 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3,						
		HERE SDS = 2.30 \mathbf{a}_{p} = 1.0, \mathbf{I}_{p} = 1.5, \mathbf{R}_{p} = 2.5, $\mathbf{z}/\mathbf{h} \leq 1$ CONCRETE WALL, SEE FOLLOWING SHEETS FOR Ω_{0}						
5.	ΤH	IS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUCT	URE.					
6.	ALI	L DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENG	TH DESIGN.					
7.	7. SHEET METAL SCREWS SHALL BE TEKS SCREWS BY ITW BUILDEX (ICC ESR-1976).							
8.	8. CONCRETE WALL DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION. (i.e. $z/h \le 1$)							
9.	9. RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD OF THE BUILDING							
	A.	PROVIDE SUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL O	THER LOADS.					
		VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2022 CBC AND WITH THE DETAILS, MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SH PREAPPROVAL DOCUMENTS.						
	C.	VERIFY THAT PROJECT SPECIFIC VALUES OF SDS & z/h RESULT IN SEISMIC FORCES (En, Ev) THAT DO NOT EXCEED THE VALUES ON THE DETAILS.						
	D.	VERIFY THAT THE CONCRETE WALL TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE REQUIREMENTS OF THE APPLICABLE ICC ESR AND THIS OPM.						
	E.	VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY CONCRETE WALL EDGES OR OPENINGS (SEE TYPICAL DETAIL ON SHEET 2).						
	F.	VERIFY THAT ALL NEW OR EXISTING ANCHORS ARE AN ADEQUATE DISTANCE FROM THE UNIT ATTACHMENTS AND CHECK FOR INTERACTION WHERE OTHER ANCHORS ARE WITHIN 18" OR 6hef FROM THIS UNIT'S ANCHORS.	HAN ROBERT					
	G.	DESIGN BACKING BARS, STUDS, ETC. WHICH THE UNITS ARE ATTACHED TO AS NOTED ON THE DRAWINGS.	No. 4197 EXP. 6-30-2024 S. 1/22/24 PUCIUSH OF CALLEDRING					

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				MTA1U		_		јов	NO. 11-23	334	2	
				WALL				DATE	. 1/22	/24	of 8	SHEETS
10. <u>SC</u>		CHORS:										
A. ATTACHMENT IS TO BE MADE WITH THE ANCHORS LISTED BELOW AND INSTALLED AS DESCRIBED IN THE CORRESPONDING ICC REPORT.												
	Anchor Diameter	Concrete Type	Min. f'c (psi)	Anchor Type	ICC Report No.	Min. Embed.	Min. Spacing	Min. Edge Dist.	Min. Conc. Thickness	Torque Test	Direct Tensi	ion
	1/4"	Normal Weight	3000	Hilti Kwik HUS	ESR-3027	1.92"	2.5"	12"	6"	N/A	779	
B	CONCR ADJACE	ETE SLAB E ENT DETAIL	DGES, 12		vl (i.e CORN	NER). SE	E		2" (MIN)	► SP ►	18" (MIN)	
CONCRETE SLAB EDGES, 12" AWAY MINIMUM (i.e CORNER), SEE ADJACENT DETAIL FOR ADDITIONAL MINIMUM ALLOWABLE CONCRETE EDGE DISTANCES. C. TESTING AND SPECIAL INSPECTION OF SCREW ANCHORS SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY EMPLOYED BY THE FACILITY OWNER PER CBC 1704 & 1910A 5 AND CAC 7-149. ALL REPORTS SHALL BE SENT TO THE INSPECTOR OF RECORD, OWNER AND THE ARCHITECT OR ENGINEER IN RESPONSIBLE CHARGE. (i) AFTER AT LEAST 24 HOURS HAVE ELAPSED SINCE INSTALLATION, DIRECT PULL TENSION TEST AT LEAST 50% OF THE ANCHORS. (ii) ACCEPTANCE CRITERIA: • DIRECT TENSION TEST THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE TEST LOAD. A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER BECOMES LOOSE. (ii) IF ANY ANCHOR FAILS, TEST ALL ANCHORS. • AVOID DAMAGING EXISTING STEEL REINFORCING IN CONCRETE WALL WHEN INSTALLING CONCRETE SCREW ANCHORS												
	1/29/20			OPM-0278: Rev							No. 4197 EXP. 6-30-2024 C. 1/22/24 OF CAL IFOR 0F CAL IFOR 4 of 10	NER X











