

APPLICATION FOR OSHPD PREAPPROVAL OFFICE USE ONLY										
OF MANUFACTURER'S CERTIFICATION (OPM) APPLICATION #: OPM-0304-13										
OSHPD Preapproval of Manufacturer's Certification (OPM)										
Type: New Renewal Update to Pre-CBC 2013 OPA Number:										
Manufacturer Information										
Manufacturer: Milestone AV Technologies										
¥										
Manufacturer's Technical Representative: Michael Harrell										
Mailing Address: 8401 Eagle Creek Parkway, Ste 700, Savage, MN. 55378										
Telephone: (952) 225-6313 Email: <u>DMichael.harrell@milestone.com</u>										
Product Information										
Product Name: LVS1U/LVSXU Monitor Wall Mount										
Product Type: Computer OPM-0304-13										
Product Model Number: LVS1U/LVSXU										
General Description: Wall Mount for Video Monitor										
DATE: 04/27/2016										
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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, 2013.										
Signature of Applicant: Date: 2/2/16										
Title: Principal Engineer Company Name: EASE Co.										
"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 1/24/13) Page 1 of 2										

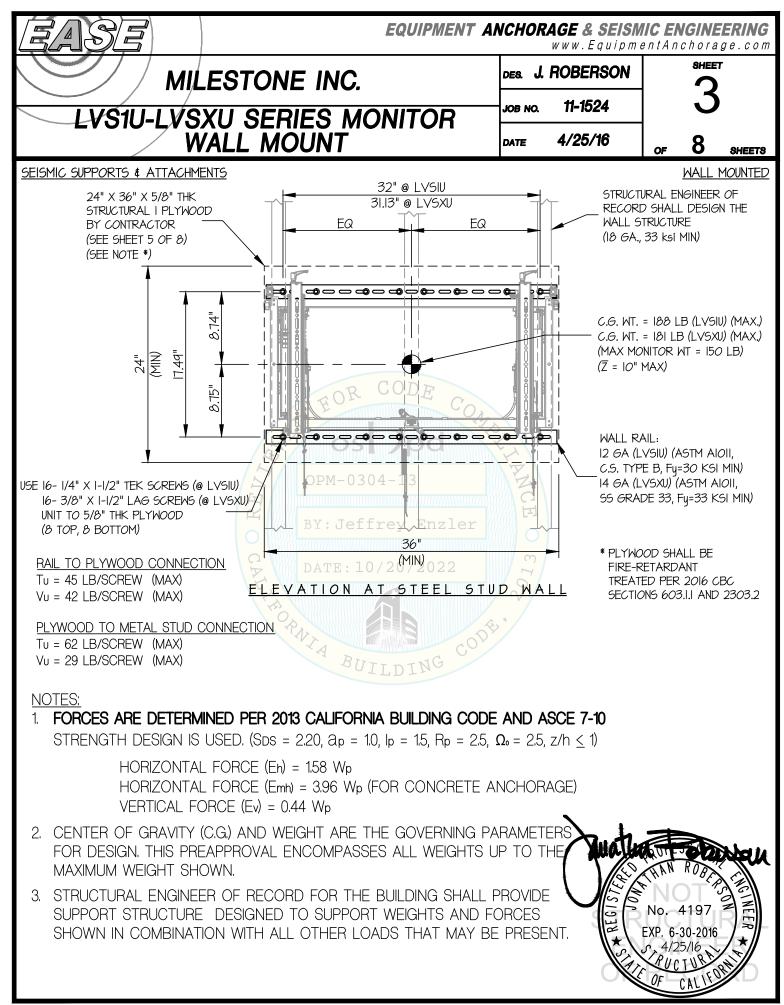


OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT FACILITIES DEVELOPMENT DIVISION

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: 909-606-7667 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 1950-10 Other* (Please Specify): 									
LE OSL POU									
 *Use of test 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:									
"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 1/24/13) Page 2 of 2									

		EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING Office of Statewide Health Planning and Development PREAPPROVAL OF MANUFACTURER'S CERTIFICATION OPM-0304-13 THIS PREAPPROVAL CONFORMS TO THE 2013 CALIFORNIA BUILDING CODE	5877 Pine Ave, Ste. 210 Chino Hills, CA. 91709 Phn: (909) 606-7622
		FACTURER: MILESTONE INC. MENT NAME: LVS1U-LVSXU SERIES MONITOR WALL MOUNT	Sheet: <u>1 of 8</u> Date: 4/26/16
GE	ENE	ERAL NOTES	
1.		IIS OSHPD PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2013 CBC. THE DE ESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2013 CBC	MANDS
2.	ŤH	IIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LISTE PECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSEN	
3.	TH	IIS PREAPPROVAL CONFORMS TO THE 2013 CALIFORNIA BUILDING CODE WHERE SDS IS NOT GREATER THA	N 2.20.
4.	FO	RCES PER ASCE 7-10 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3,	
	WH	HERE SDS = 2.20, $a_p = 1.0$, $I_p = 1.5$, $R_p = 2.5$, $z/h < 1$ CONCRETE WALL. SEE FOLLOWING SHEETS FOR Ω_0	
5.	TH	IIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUCT	URE.
6.	AL	L DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENG	TH DESIGN.
7.	SH	IEET METAL SCREWS SHALL BE TEKS SCREWS BY ITW BUILDEX (ICC ESR-1976).	
8.	CO	DNCRETE WALL DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION. (i.e. $z/h \le 1$)	
9.	RE	ESPONSIBILITIES 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 2013 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.	
	Ε.	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 ROBATION
	G.	DESIGN BACKING BARS, STUDS, ETC. WHICH THE UNITS ARE ATTACHED TO AS NOTED ON THE DRAWINGS.	No. 4197 EXP. 6-30-2016 S. 4/26/16 AUCTUR OF CALLFOR

MILESTONE INC. Des. J. ROBERSON 22 LVSUL-LVSXU SERIES MONITOR Dame 1/1624 2 8 set INC. Dame 1/1624 Det 2 8 set CREW ANCHORS: A ATTACHMENT IS TO BE MADE WITH THE ANCHORS LISTED BELOW AND INSTALLED AS DESCRIBED IN THE CORRESPONDING IC REPORT. Dame 1/2 6' NA 779 38° Morrial Mark Muk EBS 3027 2.5' 12' 6' NA 779 38° Morrial 3000 HIK Kwik HUS ESR 3027 2.5' 12' 6' NA 779 38° Morrial 3000 HIK Kwik HUS ESR 3027 2.5' 12' 6' NA 779 38° Morrial 3000 HIK Kwik HUS ESR 3027 2.5' 12' 6'' NA 779 38° Morrial 3000 HIK Kwik HUS ESR 3027 2.5' 12'' 6''' NA 779 38° Morrial 3000 HIK Kwik HUS ESR 3027 2.5'' 12'' 6''' NA 1043 10 HECT TEV		S					EQUI	PMEN1	r anch	ORAGE 8	SEISM Equipme	IC ENGINE IntAnchora	ERING ge.com
LVSTU-LYSUL SERIES MONITOR WALL MOUNT ut		$\mathcal{I}_{\mathcal{I}}$	/ \	/ILE	STONE	INC.			DES.	J. ROBE	RSON	SHEE	т
WALL MOUNT or 4/26/16 or 8 set							NIT	OR	јов	no. 11-1 8	524	Z	
 A. ATTACHMENT IS TO BE MADE WITH THE ANCHORS LISTED BELOW AND INSTALLED AS DESCRIBED IN THE CORRESPONDING ICC REPORT. The Concrete With Type (into the provide the									DATE	4/26	/16	of 8	SHEETS
Diameter Type (psi) Allchor type Report No. Embed. Spacing Edge Dist. Thickness Test Direct Finishof Test 1/4* Normal 3000 Hiti Kwik HUS ESR-3027 1.92* 2.5* 12* 6* N/A 773 3/8* Normal 3000 Hiti Kwik HUS ESR-3027 2.5* 1.2* 6* N/A 1043 8. THIS PREAPPROVAL ALLOWS FOR UP TO A MAXIMUM OF 2 ADJACENT CONCRETE WALL EDGES, 12* AWAY MINIMUM (i.e CORNER). SEE ADJACENT DETAIL FOR ADDITIONAL MINIMUM ALLOWABLE CONCRETE EDGE DISTANCES. 10* 10* 10* 10* 10* 10* 10. SHE TAIL EDGES, 12* AWAY MINIMUM (i.e CORNER). SEE ADJACENT DETAIL FOR ADDITIONAL MINIMUM ALLOWABLE CONCRETE EDGE DISTANCES. 10* <td< th=""><th>Α.</th><th>ATTAC IN THE</th><th>HMENT IS T CORRESPO</th><th>ONDING IC</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	Α.	ATTAC IN THE	HMENT IS T CORRESPO	ONDING IC									
14 Weight 3000 Hill KNIK HUS EXRSUZY 1.32 2.3 12 0 NVR 773 38" Normal 3000 Hill KNIK HUS ESR-3027 2.5" 2.5" 12" 6" N/A 1043 8. THIS PREAPPROVAL ALLOWS FOR UP TO A MAXIMUM OF 2 ADJACENT CONCRETE WALL EDGES, 12" AWAY MINIMUM (i.e CORRER). SEE ADJACENT DETAIL FOR ADDITIONAL MINIMUM ALLOWABLE CONCRETE EDGE DISTANCES. 5" 1.0" 1" 1.0" 1.0" 1.0" 10.0500 CONCRETE SCREW ANCHORS PER 2013 CBC, 1913A.7: TESTING SHALL BE DONE IN THE PRESENCE OF THE SPECIAL INSPECTOR AND A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO OSHPD 0 0.0PM-0.004-1.3 1.0" 1.0" 0.0 FTTE AT LEAST 24 HOURS HAVE ELAPSED SINCE INSTALLATION, DIRECT PULL TENSION TEST AT LEAST 50% OF THE ANCHORS, 2.1 or 0 DESERVABLE MOVEMENT AT THE TEST LOAD. A PRACTICAL WAY TO DETERMINE DOSERVABLE MOVEMENT IS THAT THE WASHER BECOMES LOOSE. 9P = BOLT SPACING (ii) IF ANY ANCHOR FALLS, TEST ALL ANCHORS. 1.0" YPICAL CONCRETE EDGE DETAIL 10. WHEN INSTALLING CONCRETE SCREW ANCHORS 1.0" YPICAL CONCRETE EDGE DETAIL (iii) IF ANY ANCHOR FALLS, TEST ALL ANCHORS. 1.0" YPICAL CONCRETE EDGE DETAIL 10. AVOID DAMAGING EXISTING STEEL REINFORCING IN CONCRETE WALL WHEN INSTALLING CONCRETE SCREW ANCHORS 1.0" <			Туре		Anchor Type			Min. Spacing			Torque Test	Direct Tensic	on Test
36 Weight 300 Hill KNIK HOS EXR-SUZ 2.3 2.3 12 0 N/X THIS 8. THIS PREAPPROVAL ALLOWS FOR UP TO A MAXIMUM (i.eCORNER). SEE ADJACENT DETAIL FOR ADDITIONAL MINIMUM ALLOWABLE CONCRETE EDGE DISTANCES. . <th></th> <td>1/4"</td> <td></td> <td>3000</td> <td>Hilti Kwik HUS</td> <td>ESR-3027</td> <td>1.92"</td> <td>2.5"</td> <td>12"</td> <td>6"</td> <td>N/A</td> <td>779</td> <td></td>		1/4"		3000	Hilti Kwik HUS	ESR-3027	1.92"	2.5"	12"	6"	N/A	779	
CONCRETE WALL EDGES, 12" AWAY MINIMUM (i.e CORNER). SEE ADJACENT DETAIL FOR ADDITIONAL MINIMUM ALLOWABLE CONCRETE EDGE DISTANCES. C. TESTING OF CONCRETE SCREW ANCHORS PER 2013 CBC, 1913A.7: TESTING SHALL BE DONE IN THE PRESENCE OF THE SPECIAL INSPECTOR AND A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO OSHPD (i) AFTER AT LEAST 24 HOURS HAVE ELAPSED SINCE INSTALLATION, DIRECT PULL TENSION TEST AT LEAST 50% OF THE ANCHORS. IS TALLATION, DIRECT TENSION TEST. THE ANCHOR SHOULD HAVE NO 16 OBSERVABLE MOVEMENT AT THE TEST LOAD. A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER BECOMES LOOSE. (ii) IF ANY ANCHOR FALLS, TEST ALL ANCHORS. D. AVOID DAMAGING EXISTING STEST ALL ANCHORS. D. AVOID DAMAGING EXISTING STEEL REINFORCING IN CONCRETE WALL WHEN INSTALLING CONCRETE SCREW ANCHORS D. AVOID DAMAGING EXISTING STEEL REINFORCING IN CONCRETE WALL WHEN INSTALLING CONCRETE SCREW ANCHORS		3/8"		3000	Hilti Kwik HUS	ESR-3027	2.5"	2.5"	12"	6"	N/A	1043	
	CONCRETE WALL EDGES, 12" AWAY MINIMUM (i.e CORNER). SEE ADJACENT DETAIL FOR ADDITIONAL MINIMUM ALLOWABLE CONCRETE EDGE DISTANCES. C. TESTING OF CONCRETE SCREW ANCHORS PER 2013 CBC, 1913A.7: TESTING SHALL BE DONE IN THE PRESENCE OF THE SPECIAL INSPECTOR AND A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO OSHPD (i) AFTER AT LEAST 24 HOURS HAVE ELAPSED SINCE INSTALLATION, DIRECT PULL TENSION TEST AT LEAST 50% OF THE ANCHORS, ILL OF (ii) ACCEPTANCE CRITERIA: • DIRECT TENSION TEST: THE ANCHOR SHOULD HAVE NO 16 OBSERVABLE MOVEMENT AT THE TEST LOAD. A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER BECOMES LOOSE. (iii) IF ANY ANCHOR FAILS, TEST ALL ANCHORS. D. AVOID DAMAGING EXISTING STEEL REINFORCING IN CONCRETE WALL												
											ALCISTRECT STREET	$U \cup U \cup$	THE WER *



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