

DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT

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

OFFICE USE ONLY

APPLICATION #: OPM-0739

HCAI Preapproval of Manufacturer's Certification (OPM)					
Type: X New Renewal/Update					
Manufacturer Information					
Manufacturer: Nanosonics Limited					
Manufacturer's Technical Representative: Brett Montague					
Mailing Address: 7-11 Talavera Road, Macquarie Park, Sydney, NSW 2113 Australia					
Telephone:+61 2 8063 1600 Email: info@nanosonics.com					
ED FOR CODE COMP					
Product Information					
Product Name: Coris					
Product Type: Automated Endoscope Channel Cleaner					
Product Model Number: N/A BY: William Staehlin					
General Description: Sink or Wall mounted endoscope sterilizing device and associated power supply.					
P DATE: 12/01/2024					
Applicant Information					
Applicant Company Name: Pre Compliance					
Contact Person: Andrew Coughlin					
Mailing Address: 36 SW Wall Street, Bend, OR 97702					
Telephone: (541) 241-2310 Email: Andy@go-pre.com					
Title: Principal Engineer					

"A healthier California where all receive equitable, affordable, and quality health care"

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY





DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT

Registered Design Professonal Preparing Engineering Recommendations

Company Name: PRE COMPLIANCE					
Name: Andrew Coughlin		California License Number: S6082			
Mailing Address: 36 SW Wall Street, Bend, OR 97702					
Telephone: (415) 635-8461	Email:	Andy@go-pre.com			

HCAI Sp	pecial Seismic Certification Preapproval (OSP)		
Speci	cial Seismic Certification is preapproved under OSP	OSP Number:	
	FORCOD	CO	
Certifica	ation Method		
Testing in	n accordance with: ICC-ES AC156 FM 195	-16	
Other	er(s) (Please Specify):	a	
and attach	riteria other than those adopted by the California Building S hments are not permitted. For distribution system, interior p her than those adopted in the CBSC 2022 may be used wi	artition wall, and suspended ceiling seism	
X Analy			
Expe	erience Data	024	
Comb	bination of Testing, Analysis, and/or Experience Data (Plea	e Specify):	
	ORNIA	CODE	
HCAI Ap	oproval		
Date: 12	2/1/2024		
Name:	William Staehlin	Title: Senior Structural Engineer	
Condition	of Approval (if applicable):		





PRE PROJECT: 231375 MANUFACTURER: NANOSONICS MODEL: CORIS®

SHEET: 1 OF 10

DATE: 8/22/2024

GENERAL NOTES:

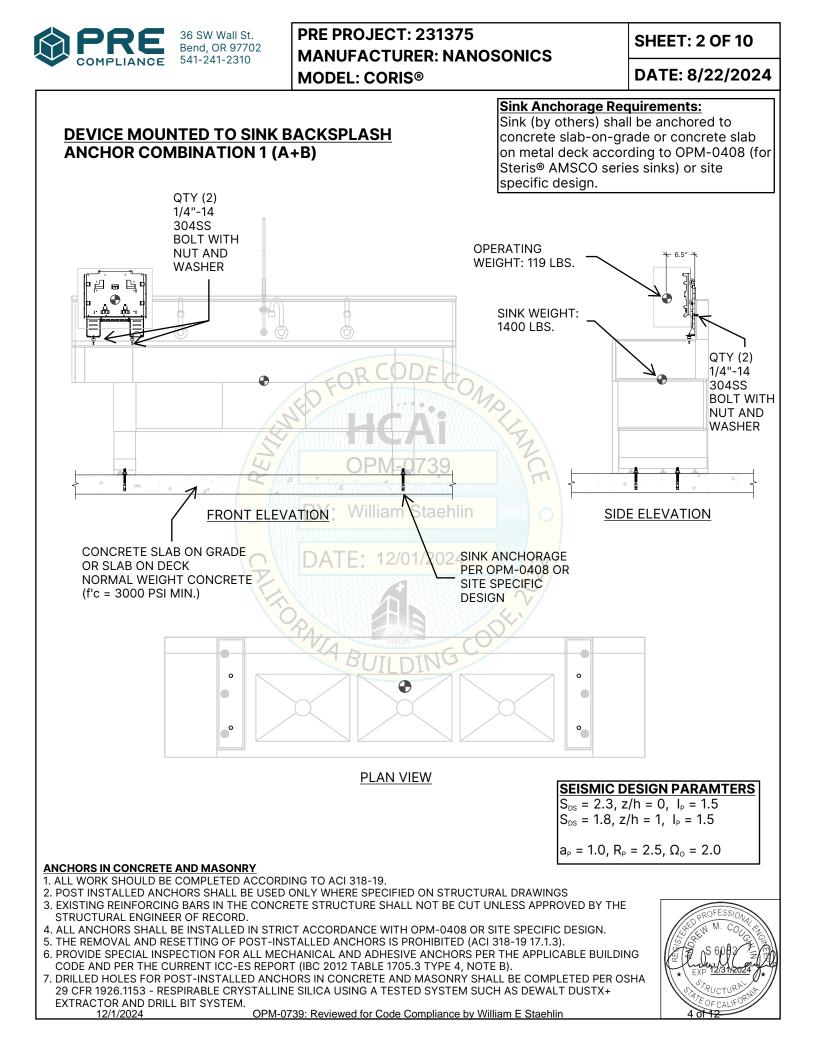
- 1. THIS HCAI PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2022 CBC. THE DEMAND (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE CBC 2022.
- 2. THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER FOR THE SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSENT.
- 3. THIS PREAPPROVAL CONFORMS TO THE 2022 CALIFORNIA BUILDING CODE.
- 4. THIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE HOSPITAL STRUCTURE.
- 5. FORCES PER ASCE 7-16, SECTION 13.3.1, EQUATIONS 1.3.1, 1.3.2, AND 1.3.3

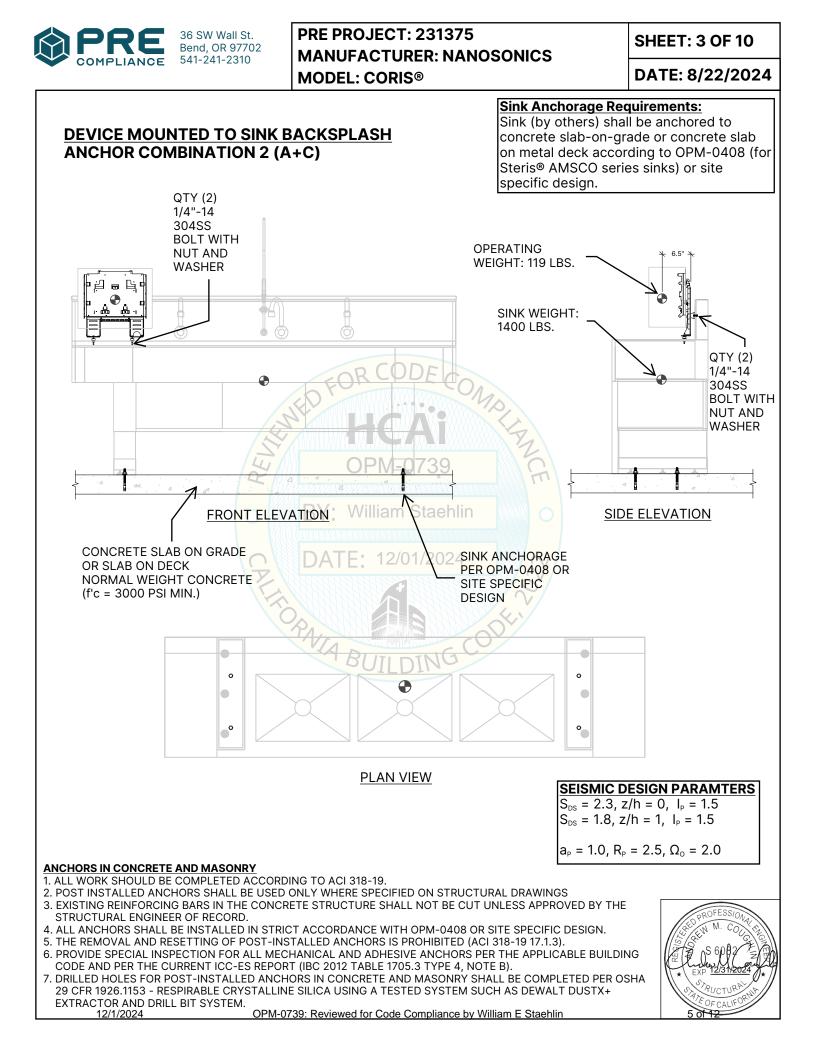
WHERE $S_{\mbox{\tiny DS}}$ = 1.8, $a_{\mbox{\tiny P}}$ = 1.0, $I_{\mbox{\tiny P}}$ = 1.5, $R_{\mbox{\tiny P}}$ = 2.5, z/h = 1

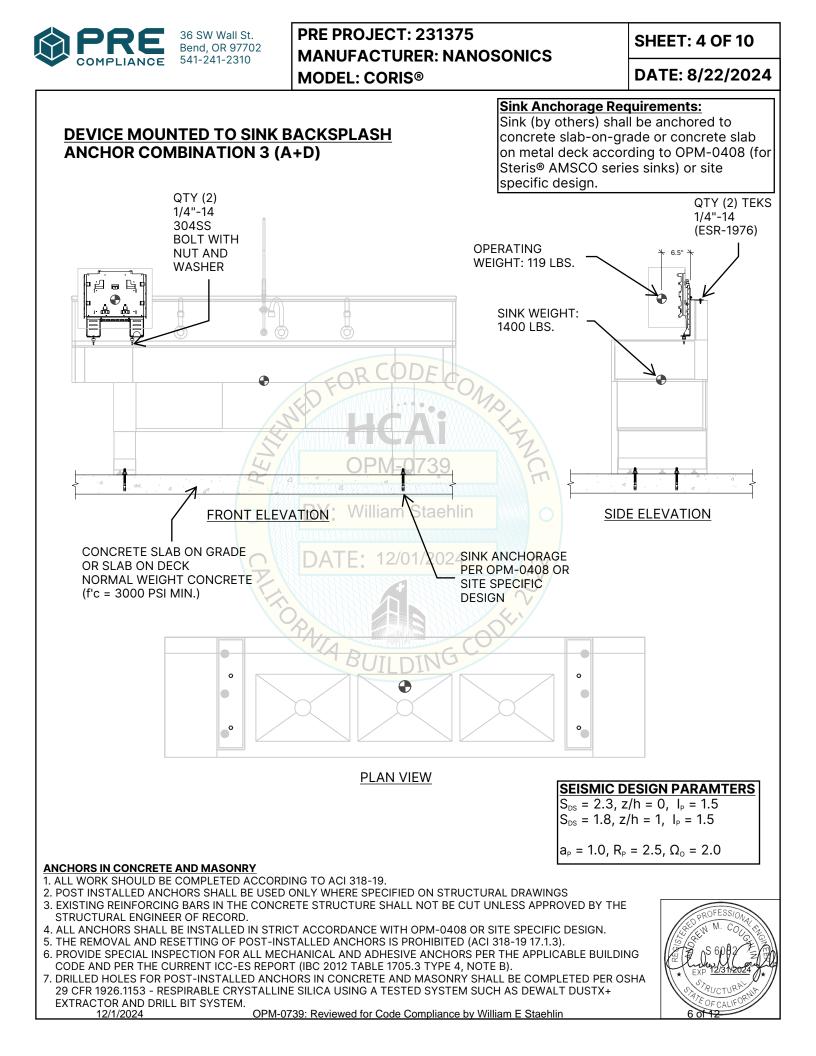
WHERE S_{DS} = 2.3, a_P = 1.0, I_P = 1.5, R_P = 2.5, z/h = 0

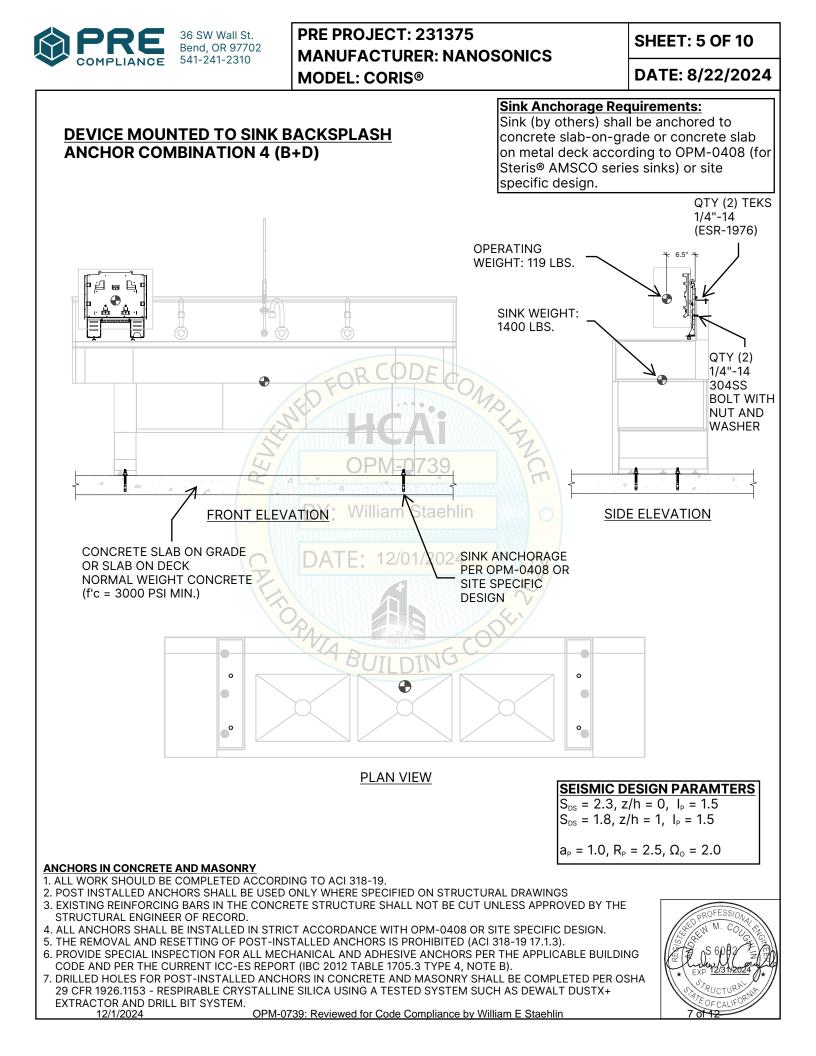
- 6. THE DETAILS IN THIS APPROVAL MAY BE USED AT ANY LOCATION WHERE THE S_{DS} DOES NOT EXCEED THE VALUES LISTED ABOVE.
- 7. RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD OF THE BUILDING
 - A. PROVIDE SUPPORTING STRUCTURE TO SUPPORT WEIGHTS AND FORCES SHOWN IN ADDITION TO ALL OTHER LOADS.
 - B. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2022 CBC AND WITH THE DETAILS, MATERIAL, AND GAUGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SHOWN ON THE PREAPPROVAL DOCUMENTS.
 - C. VERIFY THAT PROJECT SPECIFIC VALUES OF SDS & z/h RESULTS IN SEISMIC FORCES (Eh, Ev) THAT DO NOT EXCEED THE VALUES ON THE DETAILS. William Staehlin
 - D. VERIFY THAT THE CONCRETE SLAB TO WHICH THE EQUIPMENT IS ANCHORED MEETS THE REQUIREMENTS OF THE APPLICABLE ICC ESR REPORT AND THIS OPM.
 - E. VERIFY THAT THE ANCHORS ARE AN ADEQUATE DISTANCE FROM ANY SLAB EDGES OR OPENINGS.
- 8. ALL WORK SHOULD BE COMPLETED ACCORDING TO ACI 318-19.
- 9. POST INSTALLED ANCHORS SHALL BE USED ONLY WHERE SPECIFIED ON STRUCTURAL DRAWINGS
- 10. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE SHALL NOT BE CUT UNLESS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD
- 11. SUBMITTAL OF ALL PROPOSED PRODUCTS, WITH TECHNICAL DATA AND CURRENT ICC-ESR REPORTS IS REQUIRED FOR REVIEW AND APPROVAL BY EOR. ADDITIONAL APPLICATION CALCULATIONS MAY BE REQUIRED BY THE EOR
- 12. ALL ANCHORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII) IN CONJUNCTION WITH EDGE DISTANCE, SPACING AND EMBEDMENT DEPTH AS INDICATED ON THE DRAWINGS
- 13. THE CONTRACTOR SHALL ARRANGE FOR A MANUFACTURER'S FIELD REPRESENTATIVE TO PROVIDE INSTALLATION TRAINING FOR ALL PRODUCTS TO BE USED, PRIOR TO COMMENCEMENT OF WORK. ONLY TRAINED INSTALLERS SHALL PERFORM POST INSTALLED ANCHOR INSTALLATION. A RECORD OF TRAINING SHALL BE KEPT ON SITE AND BE MADE AVAILABLE TO THE EOR/ IOR AS REQUESTED.
- 14. THE REMOVAL AND RESETTING OF POST INSTALLED ANCHORS IS PROHIBITED (ACI 318-19 17.1.3)
- 15. DRILLED HOLES FOR POST-INSTALLED ANCHORS IN CONCRETE AND MASONRY SHALL BE COMPLETED PER OSHA 29 CFR 1926.1153 – RESPIRABLE CRYSTALLINE SILICA USING A TESTED SYSTEM SUCH AS DEWALT DUSTX+ EXTRACTOR AND DRILL BIT SYSTEM

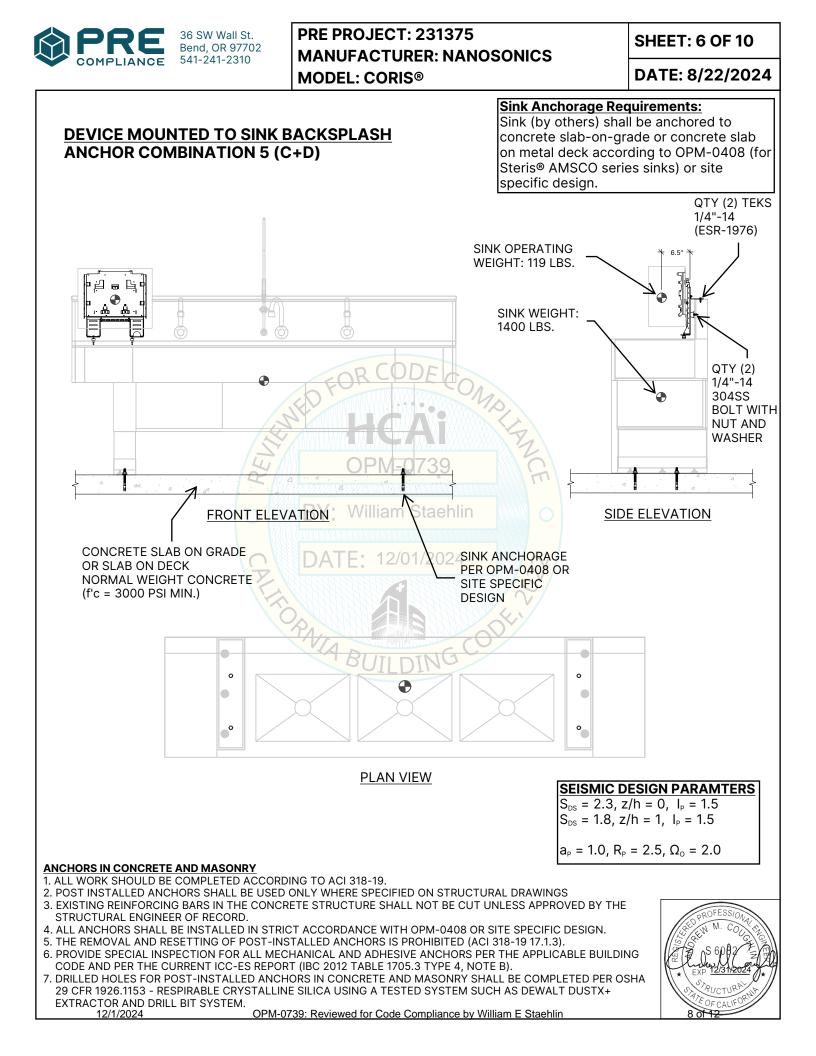










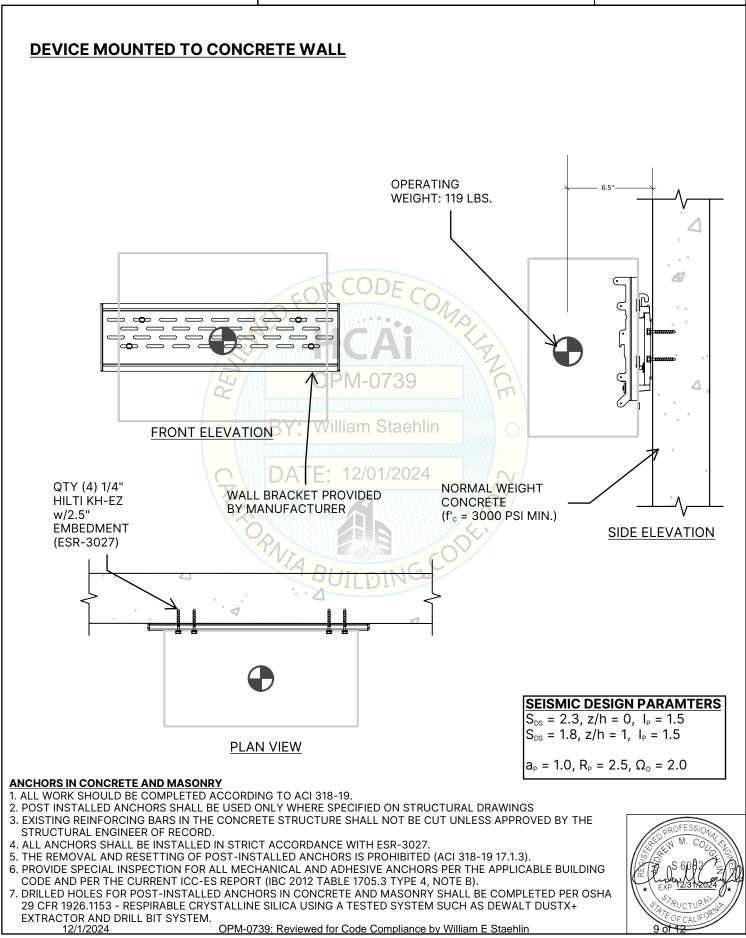




PRE PROJECT: 231375 MANUFACTURER: NANOSONICS MODEL: CORIS®

SHEET: 7 OF 10

DATE: 8/22/2024

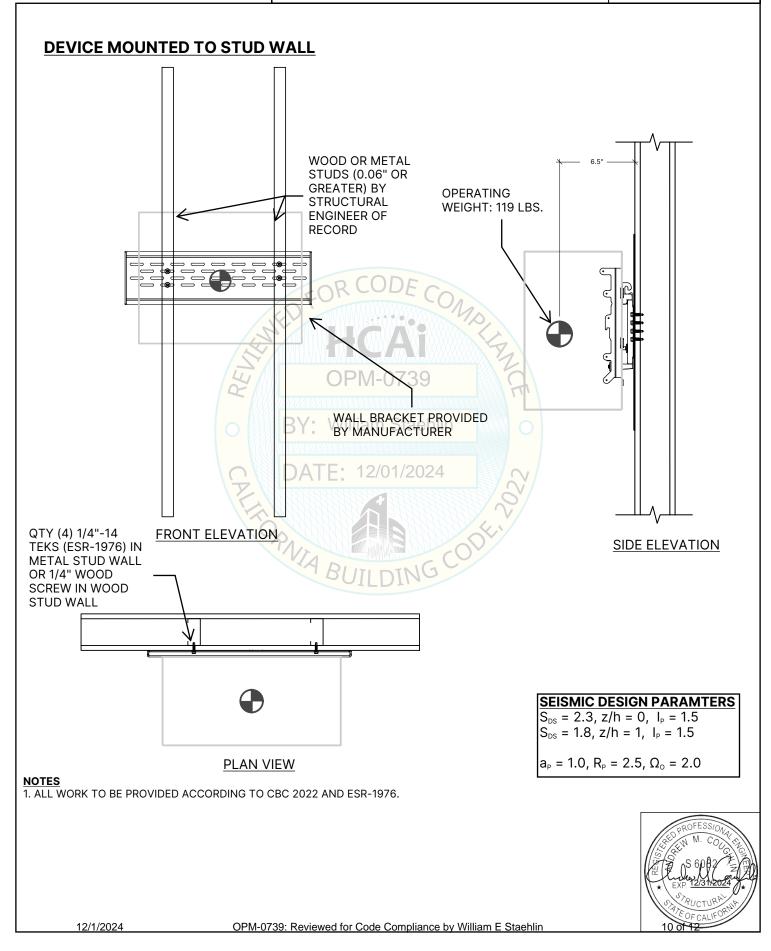


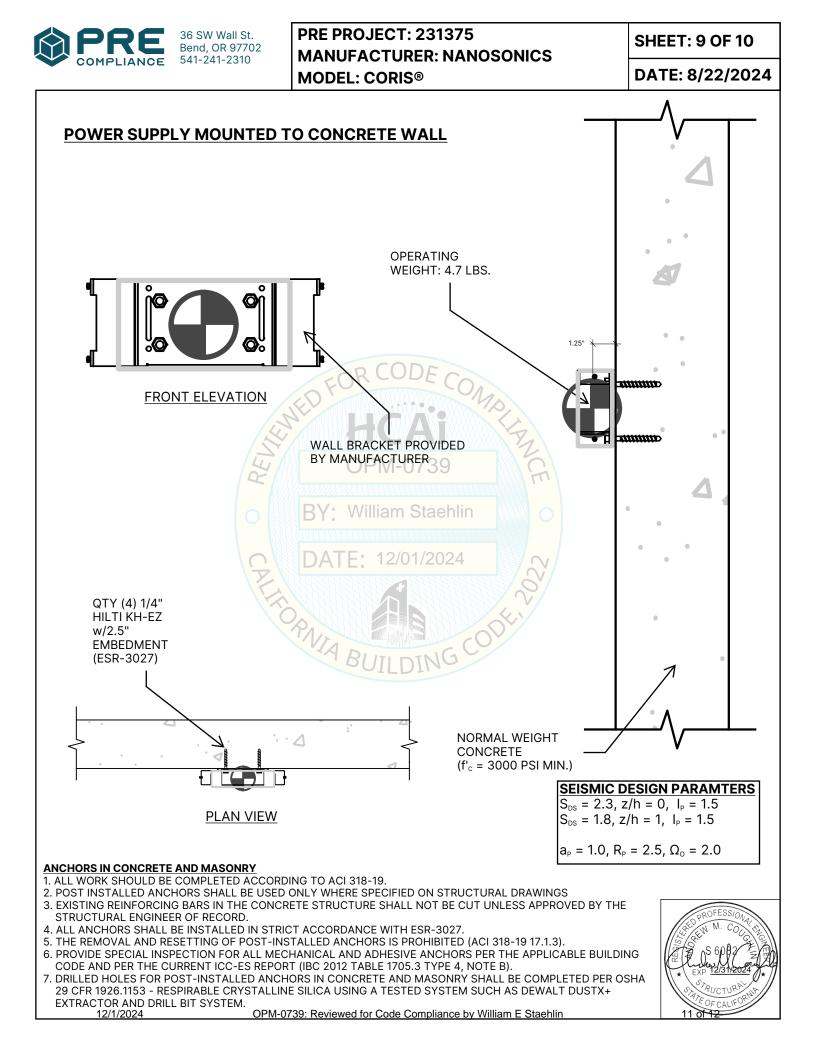


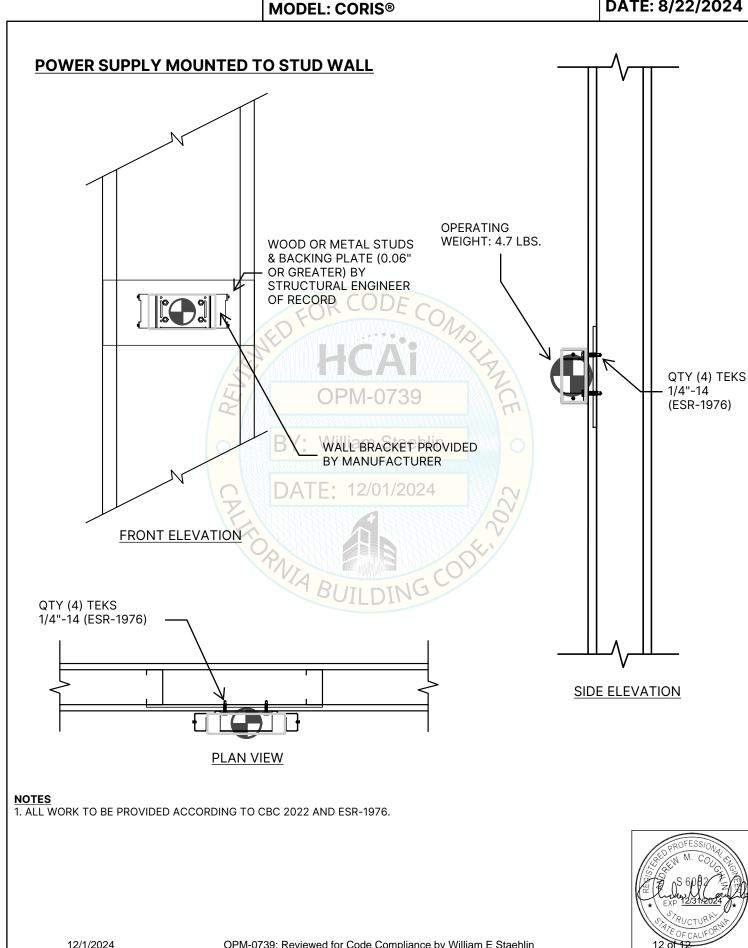
PRE PROJECT: 231375 MANUFACTURER: NANOSONICS MODEL: CORIS®

SHEET: 8 OF 10

DATE: 8/22/2024







PRE PROJECT: 231375

MANUFACTURER: NANOSONICS

SHEET: 10 OF 10

DATE: 8/22/2024

36 SW Wall St.

541-241-2310

COMPLIANCE

Bend, OR 97702