



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-0522

HCAI Preapproval of Manufacturer's Certification (OPM)

Type:  New  Renewal/Update

Manufacturer Information

Manufacturer: Steris Corporation

Manufacturer's Technical Representative: Zach Miday

Mailing Address: 5900 Heisley Rd., Mentor, OH 44060

Telephone: (440) 392-7688

Email: zachary\_miday@steris.com

Product Information

Product Name: AMSCO 600 Series Sterilizers

Product Type: Other Mechanical or Electrical Component

Product Model Number: 6 STU SD, 6 STU DD, 8 STU SD, 8 STU DD, 10 STU SD, 10 STU DD

General Description: Sterilizer used to sanitize medical instruments, gowns etc.

Applicant Information

Applicant Company Name: EASE LLC.

Contact Person: Tiffany Tonn

Mailing Address: 1515 FAIRVIEW AVE, STE 205, MISSOULA, MT 59801

Telephone: (406) 541-3273

Email: tiffany@easeco.com

Title: Office Assistant

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STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY





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

**Registered Design Professional Preparing Engineering Recommendations**

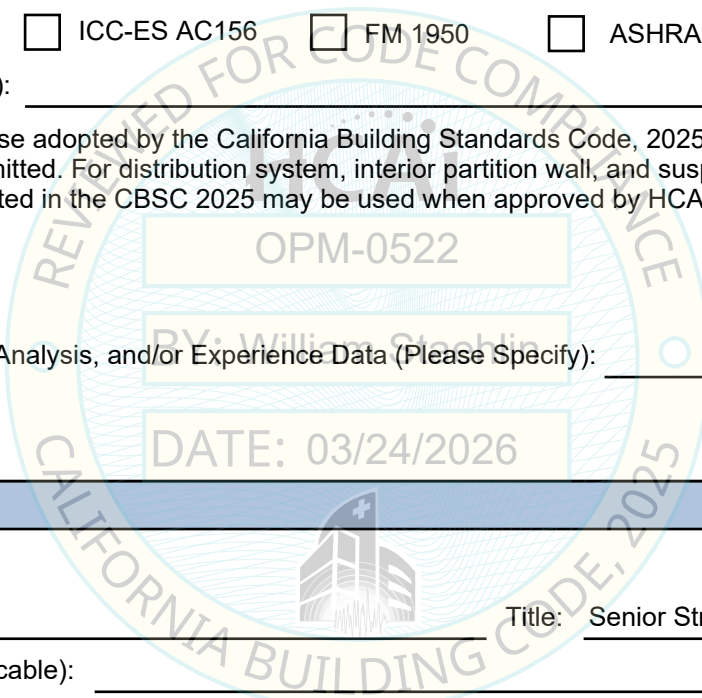
Company Name: EASE LLC  
Name: Jonathan Roberson California License Number: S4197  
Mailing Address: 5877 Pine Ave., Suite 210, Chino Hills, CA 91709  
Telephone: (951) 295-1892 Email: jon@EASECo.com

**Certification Method**

Testing in accordance with:  ICC-ES AC156  FM 1950  ASHRAE 171  FEMA 461  
 Other(s) (Please Specify): \_\_\_\_\_

\*Use of criteria other than those adopted by the California Building Standards Code, 2025 (CBSC 2025) 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 2025 may be used when approved by HCAI prior to testing.

Analysis  
 Experience Data  
 Combination of Testing, Analysis, and/or Experience Data (Please Specify): \_\_\_\_\_



**HCAI Approval**

Date: 3/24/2026  
Name: William Staehlin Title: Senior Structural Engineer  
Condition of Approval (if applicable): \_\_\_\_\_

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**STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY**





**EQUIPMENT ANCHORAGE  
& SEISMIC ENGINEERING**

5877 Pine Ave, Ste. 210  
Chino Hills, CA. 91709  
Phn: (909) 606-7622

Office of Statewide Health Planning and Development  
**PREAPPROVAL OF MANUFACTURER'S CERTIFICATION**  
**OPM-0522**

**THIS PREAPPROVAL CONFORMS TO THE 2025 CALIFORNIA BUILDING CODE**

MANUFACTURER: **STERIS CORPORATION**  
EQUIPMENT NAME: **AMSCO 600 STERILIZERS**

Sheet: 1 of 9  
Date: 2/12/26

**GENERAL NOTES**

1. THIS HCAI PREAPPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) IS BASED ON THE 2025 CBC. THE DEMANDS (DESIGN FORCES) FOR USE WITH THIS OPM SHALL BE BASED ON THE 2025 CBC
2. THIS DOCUMENT MAY ONLY BE USED WITH THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER LISTED ABOVE FOR THE SPECIFIC PROJECT SITE AND INSTALLATION LOCATION. THIS DOCUMENT IS INVALID WITHOUT SUCH CONSENT.
3. THIS PREAPPROVAL CONFORMS TO THE 2025 CALIFORNIA BUILDING CODE WHERE SDS IS NOT GREATER THAN 1.00 & 2.50.
4. FORCES PER ASCE 7-22 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3,  
WHERE  $S_{Ds}=1.00, I_p=1.5, C_{AR}=1.0, R_{po}=1.5, z/h=0, (R_u=1.0, H_f=1.0)$  AT CONCRETE SLAB AT OR BELOW GRADE. SEE FOLLOWING SHEETS FOR  $\Omega_{op}$   
WHERE  $S_{Ds}=2.50, I_p=1.5, C_{AR}=1.0, R_{po}=1.5, z/h=0, (R_u=1.0, H_f=1.0)$  AT CONCRETE SLAB &  $z/h \leq 0.95, (R_u=1.3, H_f=3.375)$  AT CONCRETE SLAB ON METAL DECK. SEE FOLLOWING SHEETS FOR  $\Omega_{op}$
5. THIS PREAPPROVAL COVERS ONLY THE SUPPORTS AND ATTACHMENTS OF THE EQUIPMENT TO THE STRUCTURE.
6. ALL DESIGN FORCES SHOWN ON THE DRAWINGS ARE FACTORED LOADS THAT SHALL BE USED FOR STRENGTH DESIGN.
7. CONCRETE SLAB ON METAL DECK DETAIL VALID FOR DEMANDS SHOWN AT ANY ELEVATION IN THE BUILDING. (i.e.  $z/h \leq 0.95$ )
8. CONCRETE SLAB DETAIL VALID FOR DEMANDS SHOWN AT OR BELOW GRADE. (i.e.  $z/h = 0$ )

**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 OTHER LOADS.
- B. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2025 CBC AND WITH THE DETAILS, MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SHOWN ON THE PREAPPROVAL DOCUMENTS.
- C. VERIFY THAT PROJECT SPECIFIC SEISMIC PARAMETERS RESULT IN SEISMIC FORCES ( $E_h, E_v$ ) THAT DO NOT EXCEED THE VALUES IN THIS OPM.
- 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 (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  $6h_{ef}$  FROM THIS UNIT'S ANCHORS.



## STERIS CORPORATION

## AMSCO 600 STERILIZERS

DES. **J. ROBERSON**

JOB NO. **14-2522**

DATE **2/12/26**

SHEET

**2**

OF **9** SHEETS

### 10. EXPANSION ANCHORS:

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 Tension Test
1/2"	Sand Light Weight	3000	DeWALT PS+ SD2 (CARBON STEEL)	ESR-2502	2"	6.75"	9.75"	See Detail "A"	40 FT-LB	N/A
5/8"	Normal Weight	3000	DeWALT PS+ SD4 (STAINLESS STEEL)	ESR-2502	2.75"	12"	32"	6"	60 FT-LB	3196 lb

B. THIS PREAPPROVAL ALLOWS FOR UP TO A MAXIMUM OF 2 ADJACENT CONCRETE SLAB EDGES, 32" AWAY MINIMUM (i.e. - CORNER). SEE ADJACENT DETAIL FOR ADDITIONAL MINIMUM ALLOWABLE CONCRETE EDGE DISTANCES.

C. TESTING AND SPECIAL INSPECTION OF EXPANSION ANCHORS SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY EMPLOYED BY THE FACILITY OWNER PER CBC 1704A & 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) DIRECT PULL TENSION TEST OR TORQUE 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.
- TORQUE TEST: THE APPLICABLE TORQUE MUST BE ACHIEVED WITHIN THE FOLLOWING LIMITS: WEDGE TYPE : 1/2 TURN OF THE NUT

(iii) IF ANY ANCHOR FAILS, TEST ALL ANCHORS.

D. AVOID DAMAGING EXISTING STEEL REINFORCING IN CONCRETE SLAB WHEN INSTALLING CONCRETE EXPANSION ANCHORS.

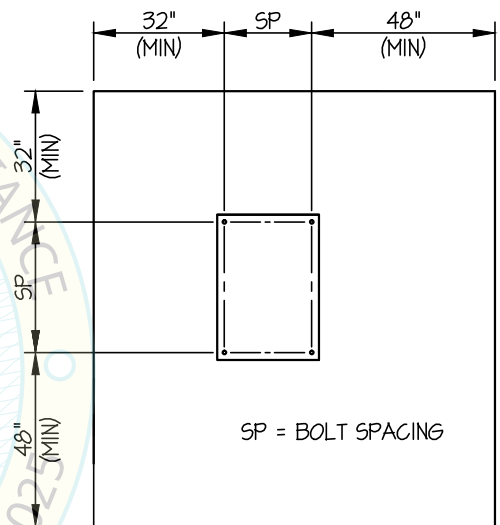
E. PROVIDE FOR FULL THREAD ENGAGEMENT OF NUT & WASHER.

### 11. BOLTS THROUGH CONCRETE ON METAL DECK

A. BOLTS SHALL BE TORQUED BY 3/4 TURN OF THE NUTS AFTER THE SNUG TIGHT (THE SNUG-TIGHT CONDITION IS DEFINED AS THE TIGHTNESS REQUIRED TO BRING THE CONNECTED PLIES INTO FIRM CONTACT) CONDITION IS ACHIEVED, UNLESS OTHERWISE NOTED.

B. THROUGH BOLT HOLES SHALL BE 1/16" LARGER THAN BOLT SIZE (HOLE SIZE = BOLT SIZE + 1/16) FOR CONCRETE.

C. THROUGH-BOLTS IN CONCRETE SHALL RECEIVE SPECIAL INSPECTION AND TESTING (THROUGH BOLTS WITH STEEL TO STEEL CONNECTION IN TENSION DO NOT REQUIRE TENSION TESTING) IN ACCORDANCE WITH REQUIREMENTS FOR POST-INSTALLED ANCHORS.



TYPICAL CONCRETE EDGE DETAIL  
(SLAB AT OR BELOW GRADE ONLY)



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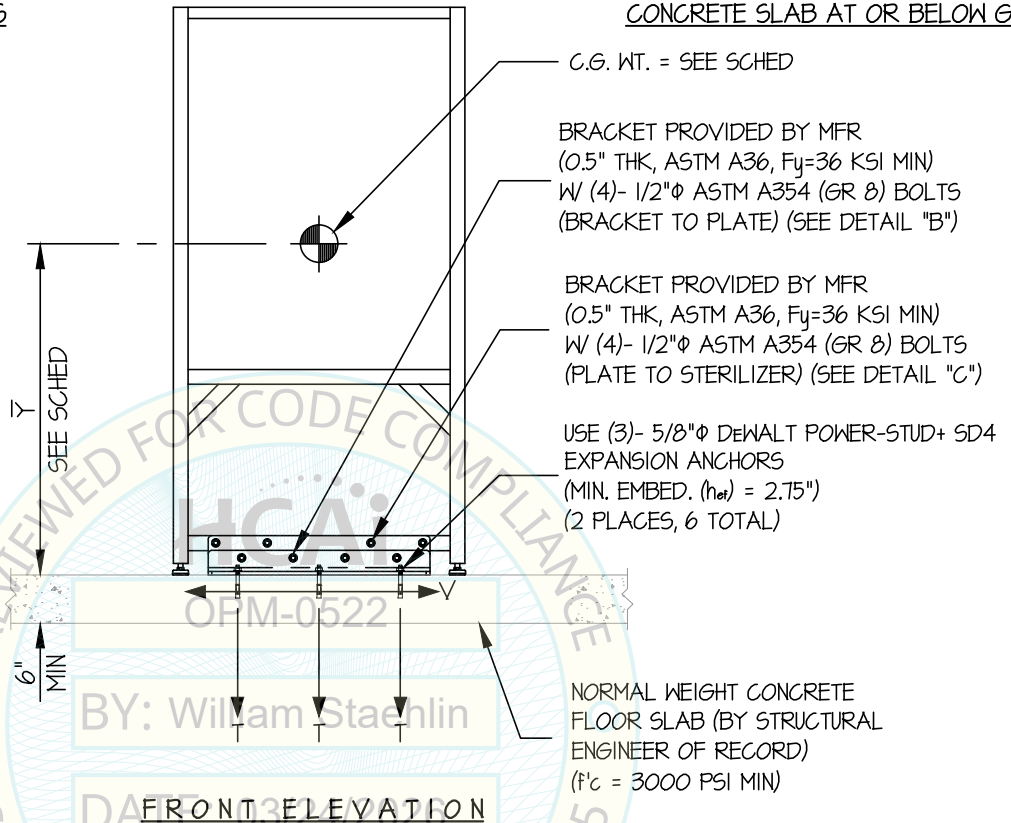
SHEET

**3**

OF **9** SHEETS

SEISMIC SUPPORTS & ATTACHMENTS

CONCRETE SLAB AT OR BELOW GRADE



C.G. WT. = SEE SCHED

BRACKET PROVIDED BY MFR  
(0.5" THK, ASTM A36, Fy=36 KSI MIN)  
W/ (4)- 1/2"φ ASTM A354 (GR 8) BOLTS  
(BRACKET TO PLATE) (SEE DETAIL "B")

BRACKET PROVIDED BY MFR  
(0.5" THK, ASTM A36, Fy=36 KSI MIN)  
W/ (4)- 1/2"φ ASTM A354 (GR 8) BOLTS  
(PLATE TO STERILIZER) (SEE DETAIL "C")

USE (3)- 5/8"φ DeWALT POWER-STUD+ SD4  
EXPANSION ANCHORS  
(MIN. EMBED. (h<sub>dev</sub>) = 2.75")  
(2 PLACES, 6 TOTAL)

NORMAL WEIGHT CONCRETE  
FLOOR SLAB (BY STRUCTURAL  
ENGINEER OF RECORD)  
(f'<sub>c</sub> = 3000 PSI MIN)

FRONT ELEVATION

NOTES:

- FORCES ARE DETERMINED PER 2025 CALIFORNIA BUILDING CODE AND ASCE 7-22. STRENGTH DESIGN IS USED. (EXAMPLE: S<sub>ds</sub>=1.00, I<sub>p</sub>=1.5, C<sub>AR</sub>=1.0, R<sub>po</sub>=1.5, Ω<sub>op</sub>=2.0, R<sub>μ</sub>=1.0, H<sub>f</sub>=1.0, z/h=0)  
 HORIZONTAL FORCE (E<sub>h</sub>) = 0.45 W<sub>p</sub>  
 HORIZONTAL FORCE (E<sub>mh</sub>) = 0.90 W<sub>p</sub> (FOR CONCRETE ANCHORAGE)  
 VERTICAL FORCE (E<sub>v</sub>) = 0.20 W<sub>p</sub>
- THIS PREAPPROVAL ENCOMPASSES WEIGHTS AND VERTICAL C.G. POSITIONS NOT EXCEEDING VALUES SHOWN.
- THIS PREAPPROVAL WAS PREPARED WITHOUT KNOWLEDGE OF ANY SITE CONDITION. COMPATIBILITY FOR USE WITH A SITE SHALL BE EVALUATED BY THE STRUCTURAL ENGINEER OF RECORD OF THE INSTALLATION (SEOR). USE REQUIRES APPROVAL BY THE SEOR.
- STRUCTURAL ENGINEER OF RECORD FOR THE INSTALLATION SHALL VERIFY ALL CONDITIONS, EVALUATE INTERACTION WITH ADJACENT EQUIPMENT AND ANCHORS, AND PROVIDE SUPPORT STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN IN COMBINATION WITH ALL OTHER LOADS THAT MAY BE PRESENT.
- SEE GENERAL NOTES: SHEETS 1 AND 2



## STERIS CORPORATION

## AMSCO 600 STERILIZERS

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DATE **2/12/26**

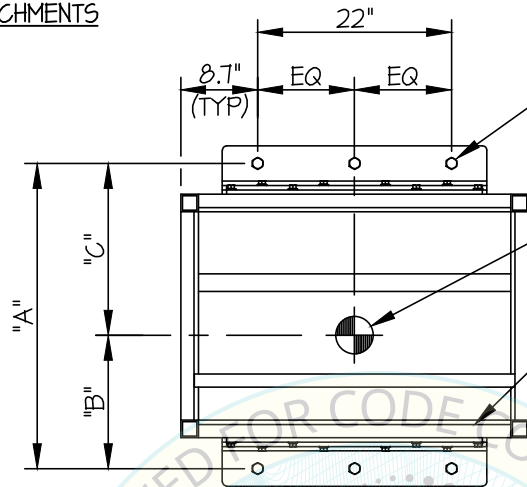
SHEET

**4**

OF **9** SHEETS

SEISMIC SUPPORTS & ATTACHMENTS

CONCRETE SLAB AT OR BELOW GRADE



USE (3)- 5/8"φ DEWALT POWER-STUD+ SD4  
EXPANSION ANCHORS  
(MIN. EMBED. (h<sub>ef</sub>) = 2.75")  
(2 PLACES, 6 TOTAL)

C.G. WT. = SEE SCHED  
( $\bar{Y}$  = SEE SCHED BELOW)

HSS 2 X 2 X 3/16"  
(ASTM A500, GRADE A, F<sub>y</sub>=39 ksi)

PLAN AT BASE

UNIT	WEIGHT (lb.)	$\bar{Y}$ (in.)	"A" (in.)	"B" (in.)	"C" (in.)	<sup>+</sup> T <sub>u</sub> (lb.)	<sup>+</sup> V <sub>u</sub> (lb.)
6 STU SD	3100	44.8	34.6	15.1	19.5	2248	664
6 STU DD	3100	44.8	34.6	17.4	17.2	2026	602
8 STU SD	3300	44.8	46.4	21	25.4	2238	690
8 STU DD	3300	46.4	46.4	23.4	23	2140	639
10 STU SD	3600	44.8	58.2	26.4	31.8	2347	752
10 STU DD	3600	46.5	58.2	29.3	28.9	2279	698

+ VALUES INCLUDE  $\Omega_0$



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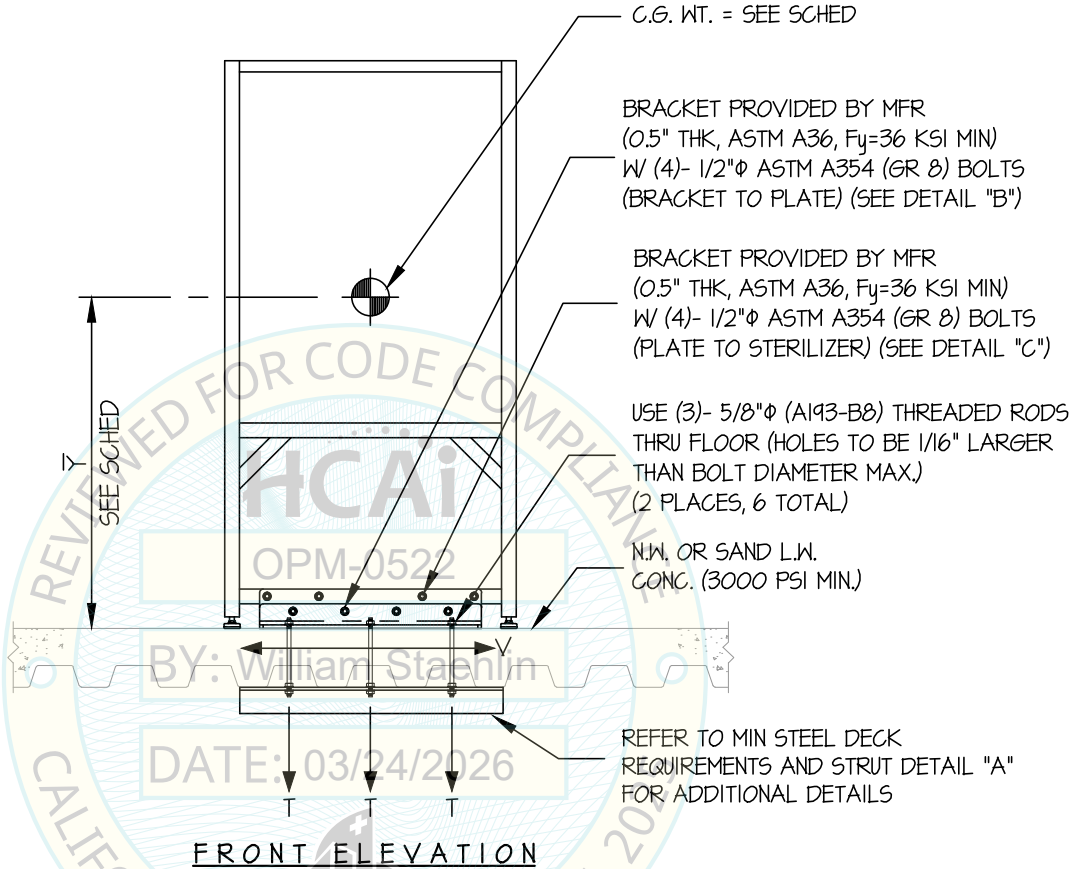
SHEET

5

OF 9 SHEETS

SEISMIC SUPPORTS & ATTACHMENTS

CONCRETE SLAB ON METAL DECK



**NOTES:**

- FORCES ARE DETERMINED PER 2025 CALIFORNIA BUILDING CODE AND ASCE 7-22. STRENGTH DESIGN IS USED. (EXAMPLE:  $S_{ds}=2.50$ ,  $I_p=1.5$ ,  $CAR=1.0$ ,  $R_{po}=1.5$ ,  $\Omega_{op}=2.0$ ,  $R_j=1.3$ ,  $H_f=3.375$ ,  $z/h=0.95$ )  
 HORIZONTAL FORCE ( $E_h$ ) = 2.60  $W_p$   
 HORIZONTAL FORCE ( $E_{mh}$ ) = 5.20  $W_p$  (FOR CONCRETE ANCHORAGE)  
 VERTICAL FORCE ( $E_v$ ) = 0.50  $W_p$
- THIS PREAPPROVAL ENCOMPASSES WEIGHTS AND VERTICAL C.G. POSITIONS NOT EXCEEDING VALUES SHOWN.
- THIS PREAPPROVAL WAS PREPARED WITHOUT KNOWLEDGE OF ANY SITE CONDITION. COMPATIBILITY FOR USE WITH A SITE SHALL BE EVALUATED BY THE STRUCTURAL ENGINEER OF RECORD OF THE INSTALLATION (SEOR). USE REQUIRES APPROVAL BY THE SEOR.
- STRUCTURAL ENGINEER OF RECORD FOR THE INSTALLATION SHALL VERIFY ALL CONDITIONS, EVALUATE INTERACTION WITH ADJACENT EQUIPMENT AND ANCHORS, AND PROVIDE SUPPORT STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN IN COMBINATION WITH ALL OTHER LOADS THAT MAY BE PRESENT.
- SEE GENERAL NOTES: SHEETS 1 AND 2



## STERIS CORPORATION

DES. **J. ROBERSON**

SHEET

**6**

## AMSCO 600 STERILIZERS

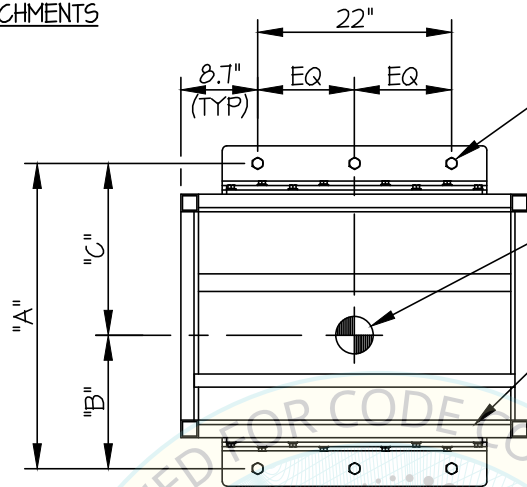
JOB NO. **14-2522**

DATE **2/12/26**

OF **9** SHEETS

SEISMIC SUPPORTS & ATTACHMENTS

CONCRETE SLAB ON METAL DECK



USE (3)- 5/8"φ (A193-B8) THREADED RODS THRU FLOOR (HOLES TO BE 1/16" LARGER THAN BOLT DIAMETER MAX.) (2 PLACES, 6 TOTAL)

C.G. WT. = SEE SCHED  
( $\bar{Y}$  = SEE SCHED BELOW)

HSS 2 X 2 X 3/16"  
(ASTM A500, GRADE A,  $F_y=39$  ksi)

PLAN AT BASE

UNIT	WEIGHT (lb.)	$\bar{Y}$ (in.)	"A" (in.)	"B" (in.)	"C" (in.)	<sup>+</sup> $T_u$ (lb.)	<sup>+</sup> $V_u$ (lb.)
6 STU SD	3100	44.8	34.6	15.1	19.5	7439	1917
6 STU DD	3100	44.8	34.6	17.4	17.2	6685	1739
8 STU SD	3300	44.8	46.4	21	25.4	7442	1995
8 STU DD	3300	46.4	46.4	23.4	23	7068	1847
10 STU SD	3600	44.8	58.2	26.4	31.8	7921	2173
10 STU DD	3600	46.5	58.2	29.3	28.9	7549	2017

+ VALUES DO NOT INCLUDE  $\Omega_0$



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### AMSCO 600 STERILIZERS

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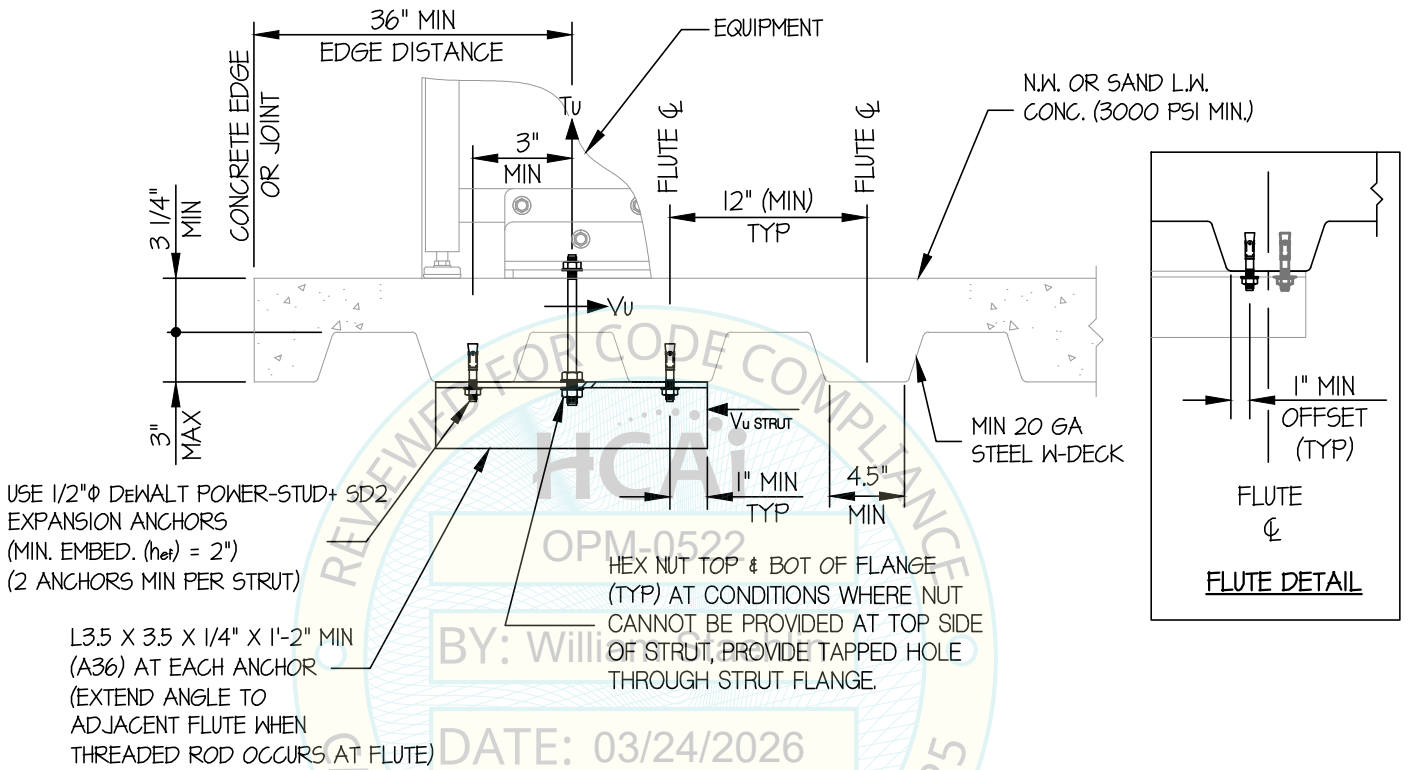
SHEET

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OF 9 SHEETS

SEISMIC SUPPORTS & ATTACHMENTS

CONCRETE DETAIL



MIN STEEL DECK REQUIREMENTS AND STRUT DETAIL (A)



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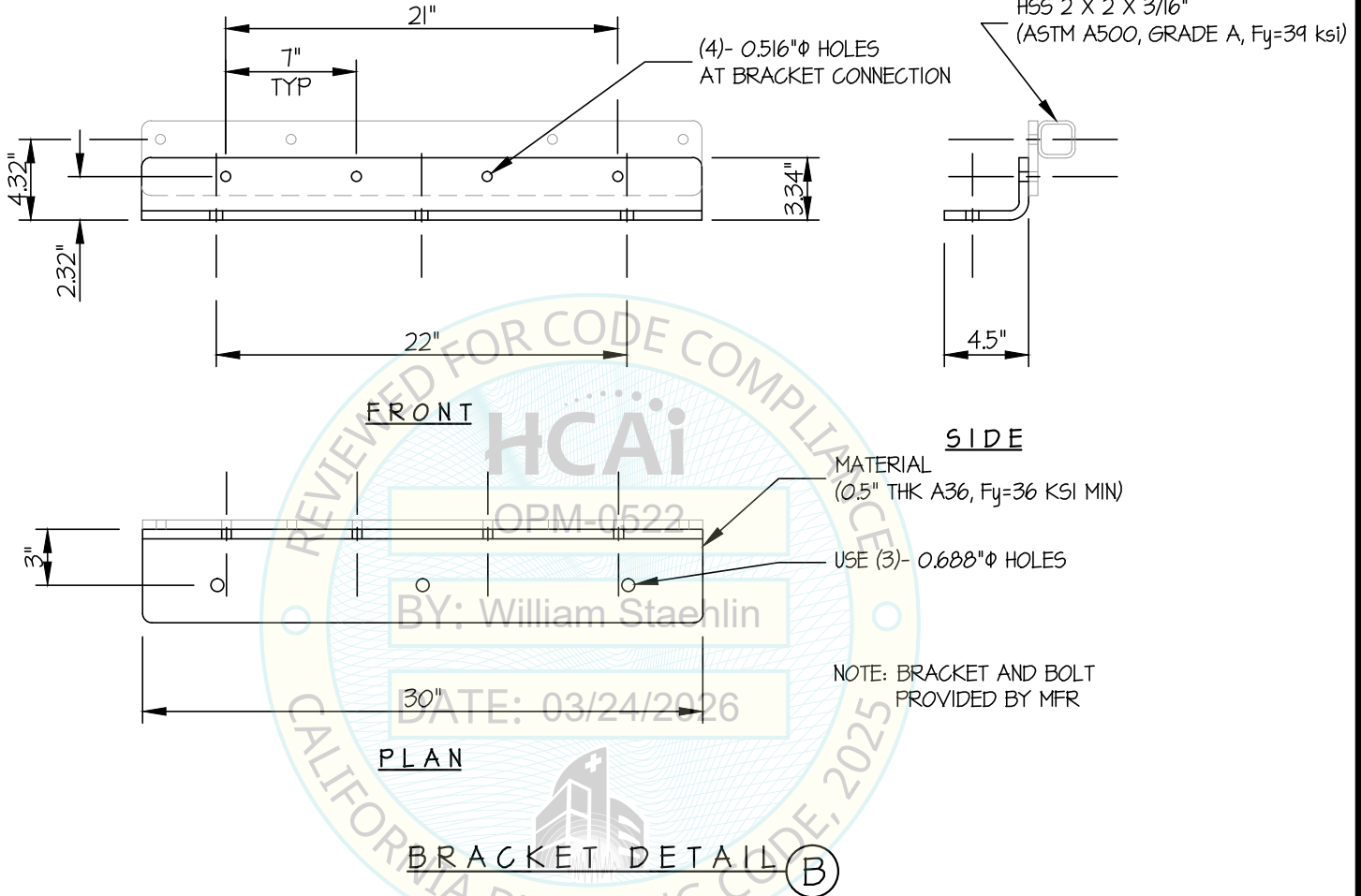
SHEET

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OF **9** SHEETS

SEISMIC SUPPORTS & ATTACHMENTS

BRACKET DETAIL



*Jonathan Roberson*  
REGISTERED PROFESSIONAL ENGINEER  
JONATHAN ROBERSON  
No. 4197  
EXP. 6-30-2020  
2/12/26  
STRUCTURAL  
STATE OF CALIFORNIA

### STERIS CORPORATION

### AMSCO 600 STERILIZERS

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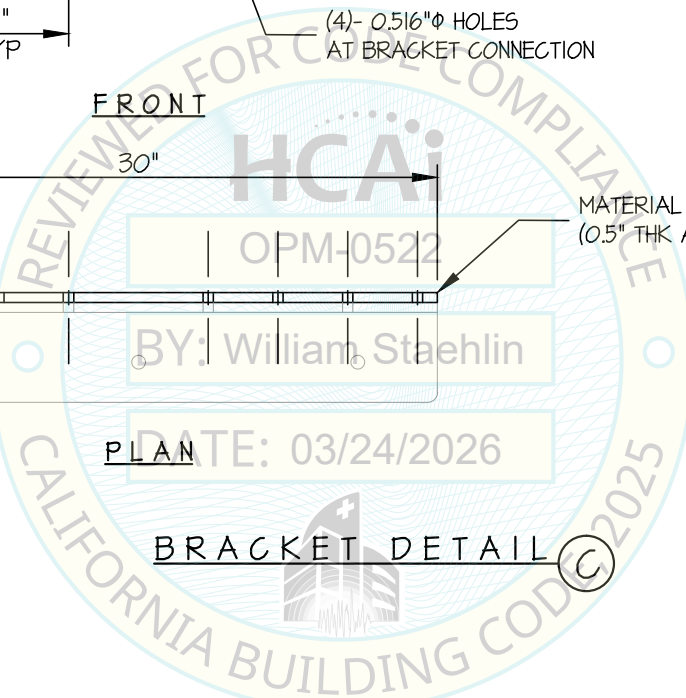
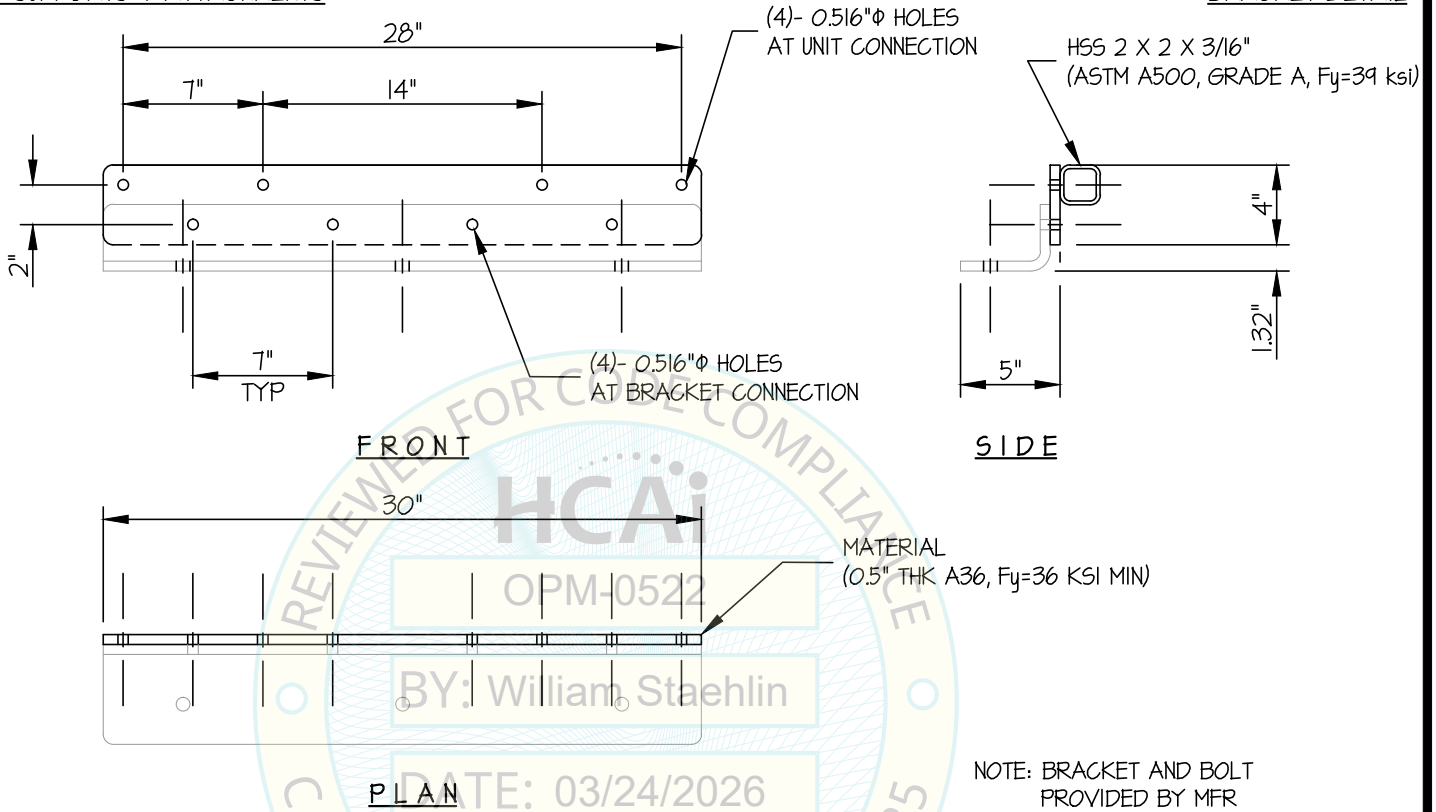
SHEET

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#### SEISMIC SUPPORTS & ATTACHMENTS

#### BRACKET DETAIL

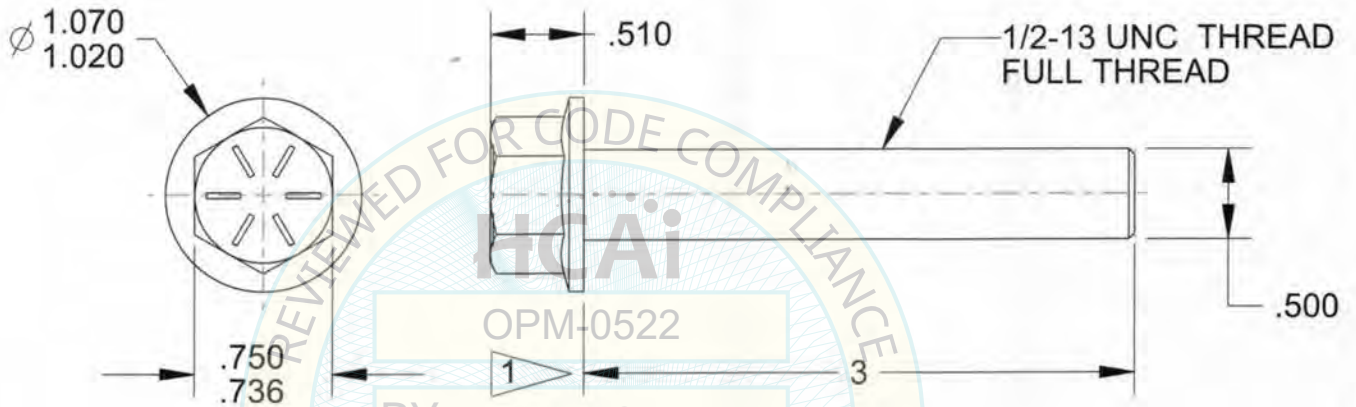
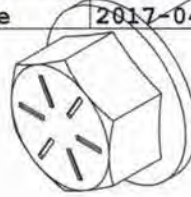


NOTE: BRACKET AND BOLT PROVIDED BY MFR

*Jonathan Roberson*  
REGISTERED PROFESSIONAL ENGINEER  
JONATHAN ROBERSON  
No. 4197  
EXP. 6-30-2020  
2/12/26  
STRUCTURAL  
STATE OF CALIFORNIA

Released

Revision	User Name	Role	Vote	Event Date
A	Alberto Gonzalez	Reviewer	Approve	2017-04-12 10:19:48 EDT
A	Alberto Gonzalez	Approver	Approve	2017-04-20 09:39:05 EDT



BY: William Staehlin

DATE: 03/24/2026

- NOTES:
1. ALLOY STEEL
  2. GRADE-8 BOLTS.
  3. CORE HARDNESS: ROCKWELL C33 - C39
  4. SURFACE HARDNESS: ROCKWELL 30N58.6 MAX
  5. PART MUST RoHS COMPLIANT
  6. LENGTH TOLERANCE IS BASED ON THE ANSI / ASME B18.2.1
  7. FINISH ZINC YELLOW



TOLERANCES: +/- INCH (MM) IF NOT INDICATED OTHERWISE				MATERIAL / NOTES					
MACHINING	DIMENSION	0-48	48+	PLASTIC	DIMENSION	0-4	4-24	24+	FINISH: SEE NOTE
	FRAC.	1/64	1/32		FRAC.	1/64	1/32	1/16	
	DEC.	0.005	0.015		DEC.	0.005	0.020	N/A	COMPONENT/ASSEMBLY MUST BE RoHS COMPLIANT
SHEET METAL / SAWING	DIMENSION	0-1	1+	WELDED ASSEMBLY	DIMENSION	0-12	12-60	60+	HOLE DIAMETER
		0.001	0.002			1/32	1/16	3/32	
BORING				SPOT WELD		1/16	3/32		3/8-3/4
SURFACE FINISH	63 $\sqrt$ machined surface (Visual)			SQUARENESS		1/16 total	1/8 total		3/4 +
									0.005
									0.015
									1/32
									1°
									WEIGHT: [.2] LBS.



T  
I  
T  
L  
E

SCREW, FLANGE LOCK 1/2-13 x 3 LG., GRADE 8

SIZE: A	SCALE: 1/1	DRAWN BY: Miday, Zachary	DRAWING NUMBER: 10272575 A.4	PART NUMBER: 10095690	REVISION: A
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STATE Released

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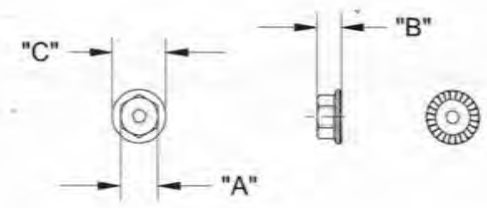
SHEET 1 OF 1

QUANTITY	PART NUMBER	ITEM NO.	PART NAME	DESCRIPTION, MATERIAL	REV.	REVISION DATE
	XXXX093912-190/210		LOCKNUT-FLANGE	SEE NOTES	AC	09-20-16

**Released**

Revision	User Name	Role	Vote	Event Date
AC	Jeff Horacek	Reviewer	Approve	2016-10-12 14:46:43 EDT
AC	Yahir Carlos	Approver	Approve	2016-10-12 18:07:06 EDT

SIZE	PART NO.	"A" - WIDTH		"B" - THK		"C" - FLANGE DIA		PART WEIGHT
		MAX	MIN	MAX	MIN	MAX	MIN	
6-32	93912-190	0.312	0.302	0.200	0.179	0.447	0.401	0.017 LBS.
8-32	93912-191	0.344	0.332	0.203	0.187	0.500	0.453	0.021 LBS.
10-24	93912-192	0.375	0.362	0.240	0.200	0.531	0.484	0.028 LBS.
1/4-28		0.437	.428	0.255	.230	0.609	.562	0.017 LBS.
5/16-18	93912-194	0.500	0.489	0.297	0.268	0.687	0.641	0.055 LBS.
5/16-24	93912-195	0.500	0.489	0.297	0.268	0.687	0.641	0.054 LBS.
3/8-24	93912-196	0.562	0.551	0.359	0.330	0.750	0.703	0.074 LBS.
7/16-14	93912-197	0.687	0.675	0.395	0.375	0.937	0.910	0.136 LBS.
7/16-20	93912-198	0.687	0.675	0.395	0.375	0.937	0.910	0.131 LBS.
1/2-13	93912-199	0.750	0.736	0.458	0.437	1.062	1.000	0.187 LBS.
1/2-20	93912-200	0.750	0.736	0.458	0.437	1.062	1.000	0.179 LBS.
9/16-12	93912-201	0.875	0.861	0.510	0.486	1.188	1.155	0.278 LBS.
9/16-18	93912-202	0.875	0.861	0.510	0.486	1.188	1.155	0.267 LBS.
5/8-11	93912-203	0.937	0.922	0.569	0.545	1.281	1.248	0.347 LBS.
5/8-18	93912-204	0.937	0.922	0.569	0.545	1.281	1.248	0.330 LBS.
3/4-10	93912-205	1.125	1.088	0.675	0.627	1.500	1.460	0.574 LBS.
3/4-16	93912-206	1.125	1.088	0.675	0.627	1.500	1.460	0.549 LBS.
7/8-9	93912-207	1.312	1.269	0.787	0.737	1.750	1.700	0.906 LBS.
7/8-14	93912-208	1.312	1.269	0.787	0.737	1.750	1.700	0.868 LBS.
1-8	93912-209	1.500	1.450	0.900	0.850	2.000	1.940	1.351 LBS.
1-14	93912-210	1.500	1.450	0.900	0.850	2.000	1.940	1.300 LBS.



- NOTES:
1. ALL DIMENSIONS ARE REFERENCE.
  2. MATERIAL: LOW CARBON STEEL.
  3. ZINC PLATED.
  4. CASE HARDENED TO ROCKWELL C40.
  5. PART MUST BE RoHS COMPLIANT

SCALE 1/1

TOLERANCE STANDARD UNLESS OTHERWISE NOTED		FRACTIONAL = ± 1/64" DECIMAL = .XXX = ± .005 ANGULARITY = ± 1° .XX = ± .010 MACHINE SURFACE = $\sqrt{RS}$ .X = ± .015	
AC	09-20-16	66502	
REV.	DATE	ECN NUMBER	
REVISIONS			

			STERIS Corporation Mentor, OH <small>This document contains confidential and proprietary information of STERIS Corporation. Neither this document nor the information herein are to be reproduced, distributed, used or disclosed, either in part or in whole, except as specifically authorized by STERIS Corporation.</small>			TITLE: LOCKNUT - FLANGE (REGULAR)		
<small>OWN SMS OKD</small> DATE 02-07-91 DATE			<small>ENG MFG C.D.</small> DATE DATE DATE			FIRST MADE FOR: 146655-019 PART NO. 093912-190/210		
						1 SHEET OF		