

8

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DWG NO
D2244213

SH 1

1

NOTES: UNLESS OTHERWISE SPECIFIED

1. THIS DRAWING SHALL BE INTERPRETED IAW ASME Y14.100-2017 AND ASME Y14.41-2012. ALL DIMENSIONS DERIVED FROM DATASET SHALL BE INTERPRETED AS US CUSTOMARY NOTATION.

2. DATASET PIN D2244213 SHALL COMPRISE OF THIS DRAWING, ASSOCIATED LISTS, AND MODEL D2244213-1_1.STP, MODELED AT MEAN SIZE. BASIC DIMENSIONS NOT DISPLAYED HEREIN AND NECESSARY TO SPECIFIED TOLERANCES SHALL BE OBTAINED BY QUERYING THE MODEL. QUERIED DIMENSIONS SHALL BE ROUNDED TO THREE DECIMAL PLACES.

3. THE GEOMETRIC TOLERANCE OF FEATURES UNSPECIFIED IN THE DRAWING FIELD ARE AS FOLLOWS:

A. SURFACES:

.010

A

B

C

B. HOLES:

.014

M

A

B

C

4. INSPECTION REQUIREMENTS

A. USE THIS DRAWING AND ITS ASSOCIATED MODEL TO INSPECT PART.

B. MINIMUM INSPECTION REQUIREMENTS:

1. ALL DIMENSIONS AND TOLERANCES SHOWN ON THIS DRAWING.

2. QUALITY OF FINISH IAW APPLICABLE FINISH SPECIFICATION.

3. ALL TAPPED HOLES SHALL BE GAUGED PRIOR TO INSERT INSTALLATION.

4. AFTER FINISH, ALL BLIND TAPPED HOLES SHALL BE INSPECTED FOR DEBRIS.

C. INSPECTION CONDITION: PART SHALL BE CONSTRAINED ALONG DATUM A.

5. MATERIAL: SEE SEPERATE PARTS LIST.

6 FINISH: ALL DIMENSIONS APPLY AFTER SURFACE FINISHES.

A. CHEM FILM IAW MIL-DTL-5541, TYPE II, CLASS 3, ALL EXTERNAL SURFACES AND THREADED HOLES PRIOR TO INSERT INSTALLATION.

B. APPLY PRIMER, FN 602, AND TOPCOAT, FN 603, TO SURFACES INDICATED. PRIMER AND TOPCOAT APPLICATION SHALL FOLLOW MANUFACTURER'S RECOMMENDED PROCEDURES. PRIMER SHALL HAVE A DRY FILM THICKNESS OF .0009 INCH MAX. TOPCOAT SHALL HAVE A DRY THICKNESS OF .0017 TO .0023 INCHES.

7 MARK PART AND DASH NUMBER IAW MIL-STD-130 IN .12 HIGH CHARACTER HEIGHT, USING INK, FN 601. LOCATE APPROXIMATELY WHERE SHOWN.

8 INSTALL HELICOIL INSERT IAW NASM33537 AFTER FINISH.

.014

M

A

B

C

9 AREAS INDICATED SHALL BE FREE OF PAINT AND PRIMER.

10. ALL HOLES, CLEARANCE AND THREADED, SHALL BE FREE OF PAINT AND PRIMER. BLIND HOLE SHALL BE FREE OF DEBRIS.

11 VERIFY FLATNESS TOLERANCE IN THE RESTRAINED CONDITION 30 POINTS LOCATED AT INSERT, FN 500, LOCATIONS.

12 REFERENCE DESIGNATORS: LOCATE APPROXIMATELY WHERE SHOWN

A. MARK AS SHOWN IAW MIL-STD-13231, GROUP III, IN .12 MIN CHARACTER HEIGHT, USING INK FN 601. LOCATE APPROXIMATELY WHERE SHOWN.

B. ENGRAVE IN .12 HIGH, .009-.012 DEEP CHARACTER IAW MIL-STD-13231, GROUP I. FILL WITH ENAMEL, FN 604, COLOR NO. 27038 (BLACK) IAW FED-STD-595.

13. ABBREVIATIONS NOT IAW AMSE Y14.38:

CNI = COMMUNICATION, NAVIGATION, IDENTIFICATION

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UNSPECIFIED FEATURE CONTROL

FEATURE TYPE	TOLERANCE	MODEL CONDITION
FILLET RADII	R.005 TO R.015	MODELED AT NOMINAL
BREAK SHARP EDGES	.005 - .015	MODELED AS SHARP
CHAMFERS AND COUNTERSINK INCLUDED ANGLES	±1°	MODELED AT NOMINAL
DEPTH OF BLIND HOLES AND COUNTERBORES	±.010	MODELED AT NOMINAL
INTERNAL THREADS	IAW SAE AS8879	MODELED AT MAJOR DIAMETER OF TAPPED HOLE

J9

J10

- 1

FOR REFERENCE ONLY

DIGITAL PRODUCT DEFINITION DATA

SEE SEPARATE PARTS LIST

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE CURRENT DESIGN ACTIVITY.

DAI

PART OR IDENTIFYING NO

NOMENCLATURE OR DESCRIPTION

MATERIAL

SPEC

REF DES

FIND NO

QTY REQD PER ASSY

UNLESS OTHERWISE SPECIFIED

PARTS LIST

1. DIMENSIONS ARE IN INCHES.

2. SURFACE TEXTURE SHALL BE 125

3. DIMENSIONS APPLY AFTER PLATING OR FINISH.

4. REMOVE BURRS AND SHARP EDGES.

5. PARENTHEetical DATA IS FOR REFERENCE ONLY.

6. ALL SHEETS ARE THE SAME REVISION STATUS.

TOLERANCES

ON ALL HOLE DIAMETERS

UNDER .0140 +.0020 - .0005 .501 THRU .750 +.008 - .001 .014 THRU .125 +.004 - .001 .751 THRU 1.000 +.010 - .001 .126 THRU .250 +.005 - .001 1.001 THRU 2.000 +.012 - .001 .251 THRU .500 +.006 - .001 OVER 2.000 +.014 - .001

ON DECIMAL DIMENSIONS: .XXX ± .010 .XX ± .03 .X ± .1

ON ANGULAR DIMENSIONS: MACHINED ±0°30' LOCATING ±0°30' FORMED ±2° CHAMFERS ±5°

HEAT TREAT

DO NOT SCALE DRAWING CONTRACT NO. N00019-02-C-3002

ORIG J. CHEU 20191204

CHECKER

RDE

MFG

QA

PCMO

EDMC

THIRD ANGLE PROJECTION

15120 INNOVATION DRIVE, SAN DIEGO, CA 92128

TITLE BRACKET, I/O CONNECTOR - RF, CNI 3A

SIZE DAI D 65409 DWG NO D2244213 REV 1

SCALE NONE SHEET 1 OF 3

REV 3

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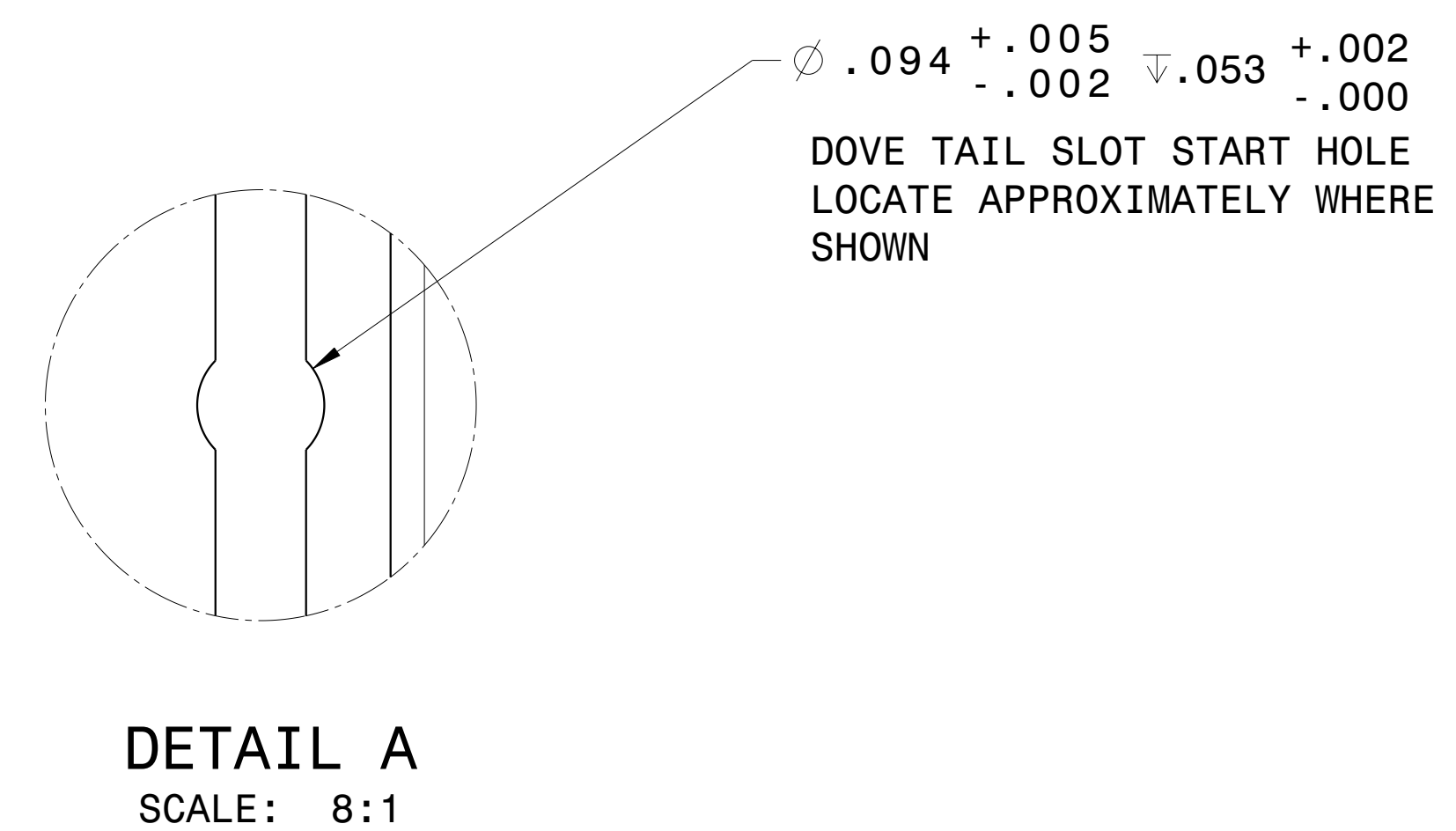
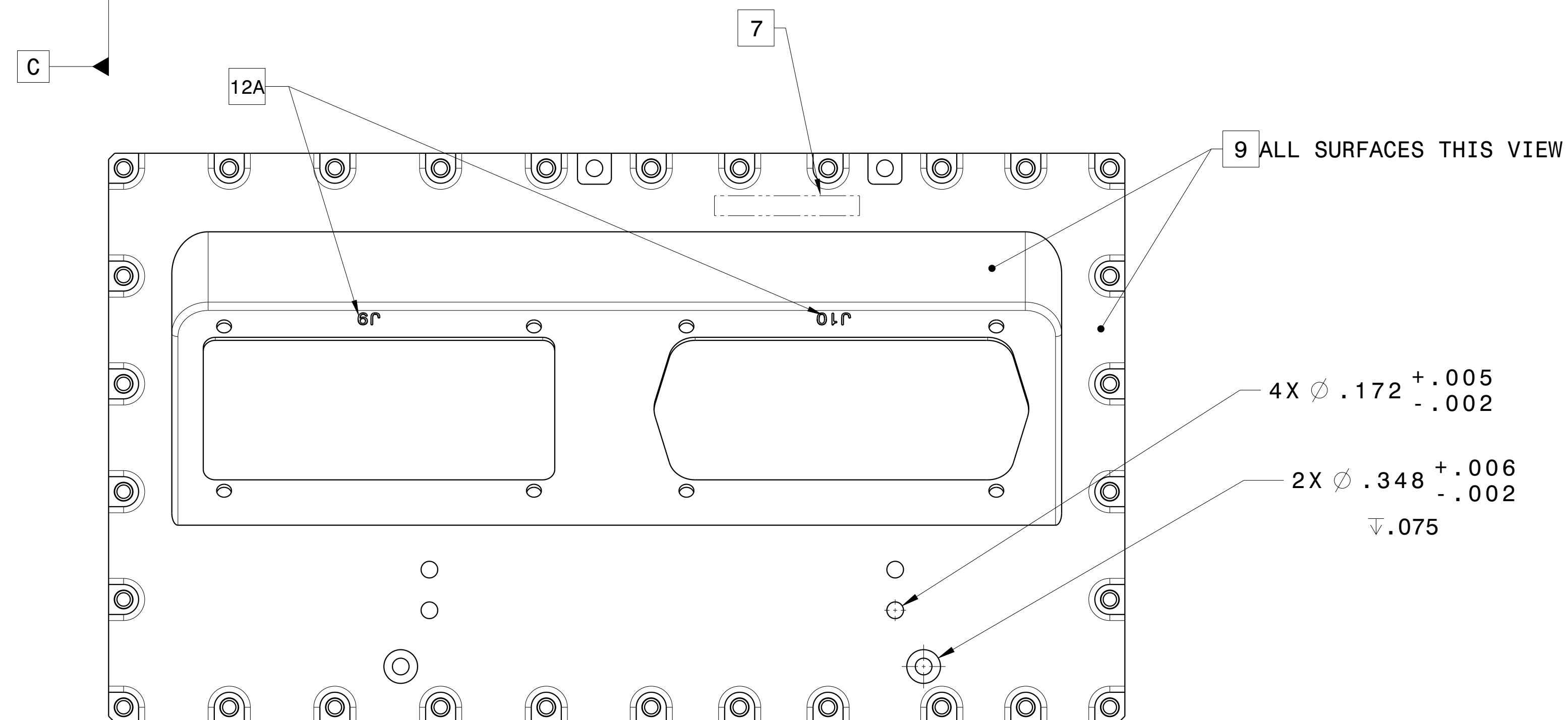
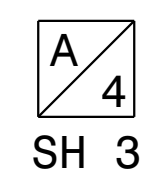
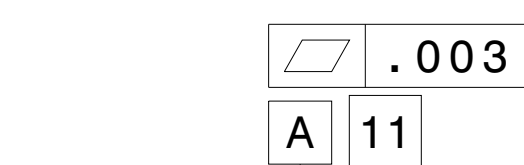
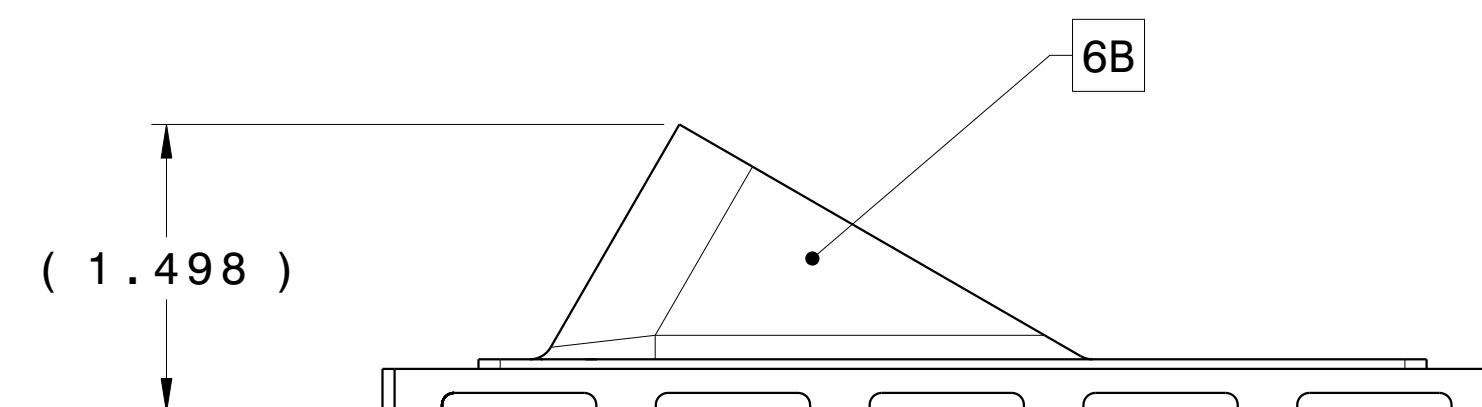
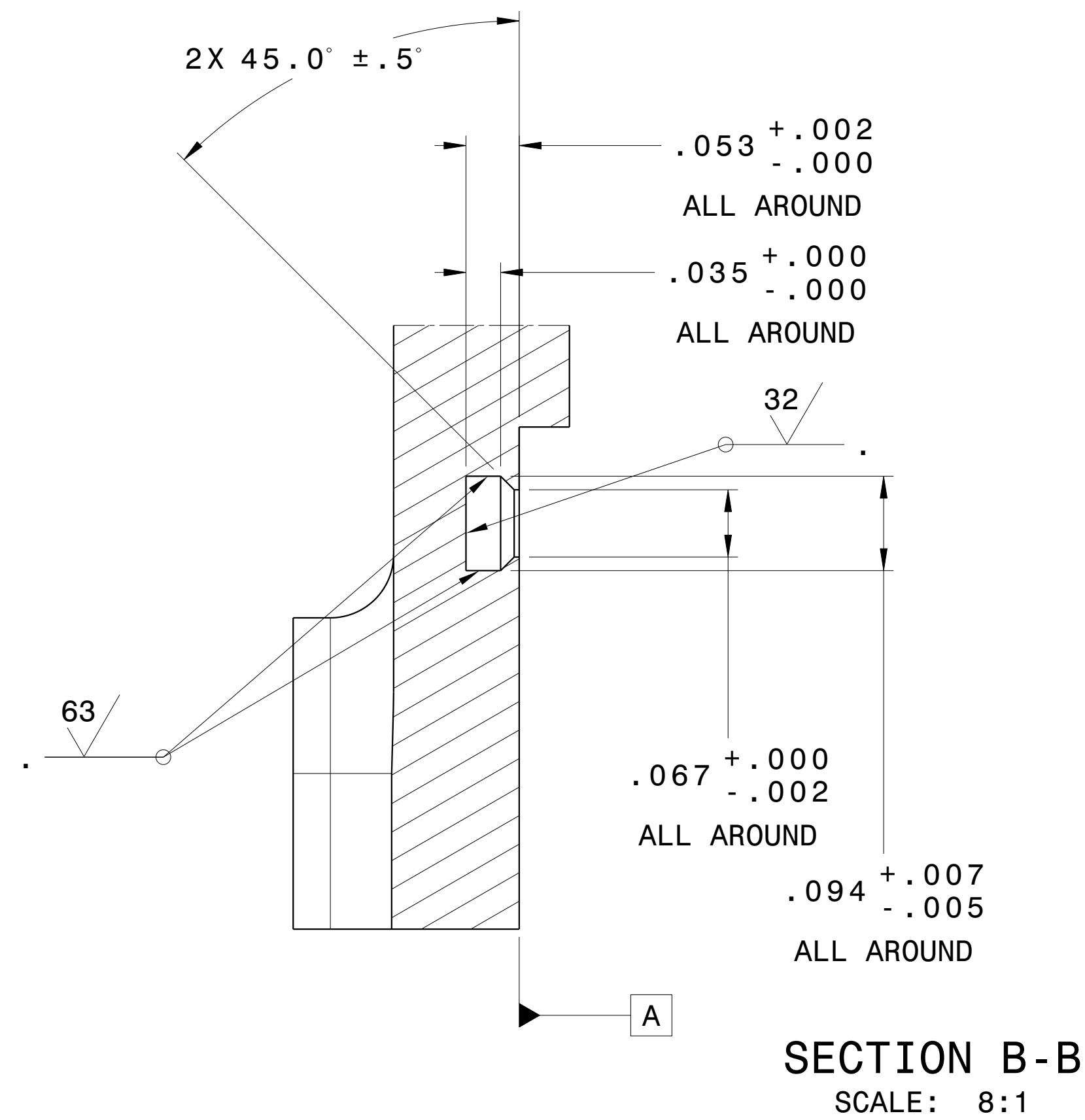
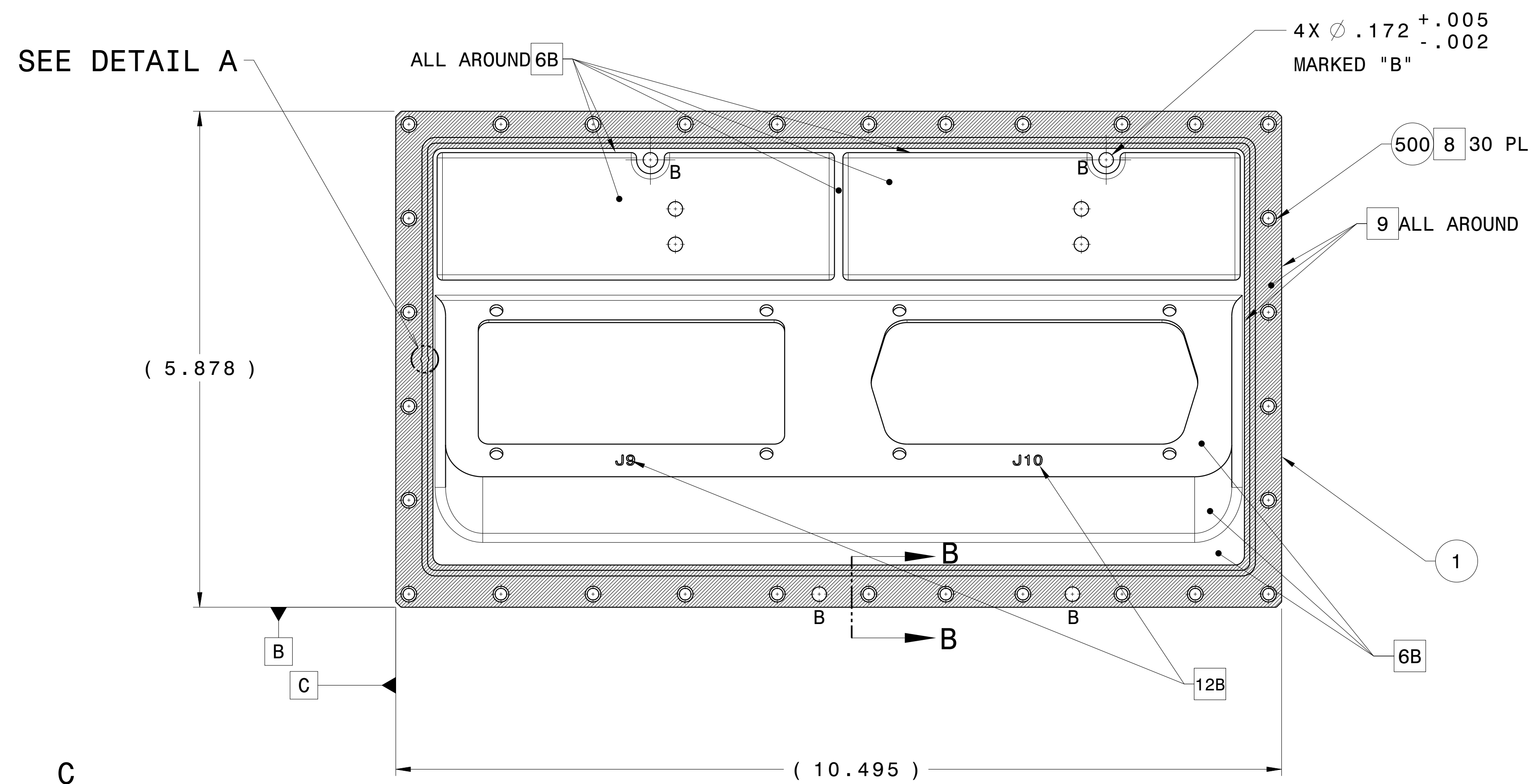
CATIA

V 5

2

NOT RELEASED

1



8

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DWG NO
D2244213

SH 3

1

D

D

C

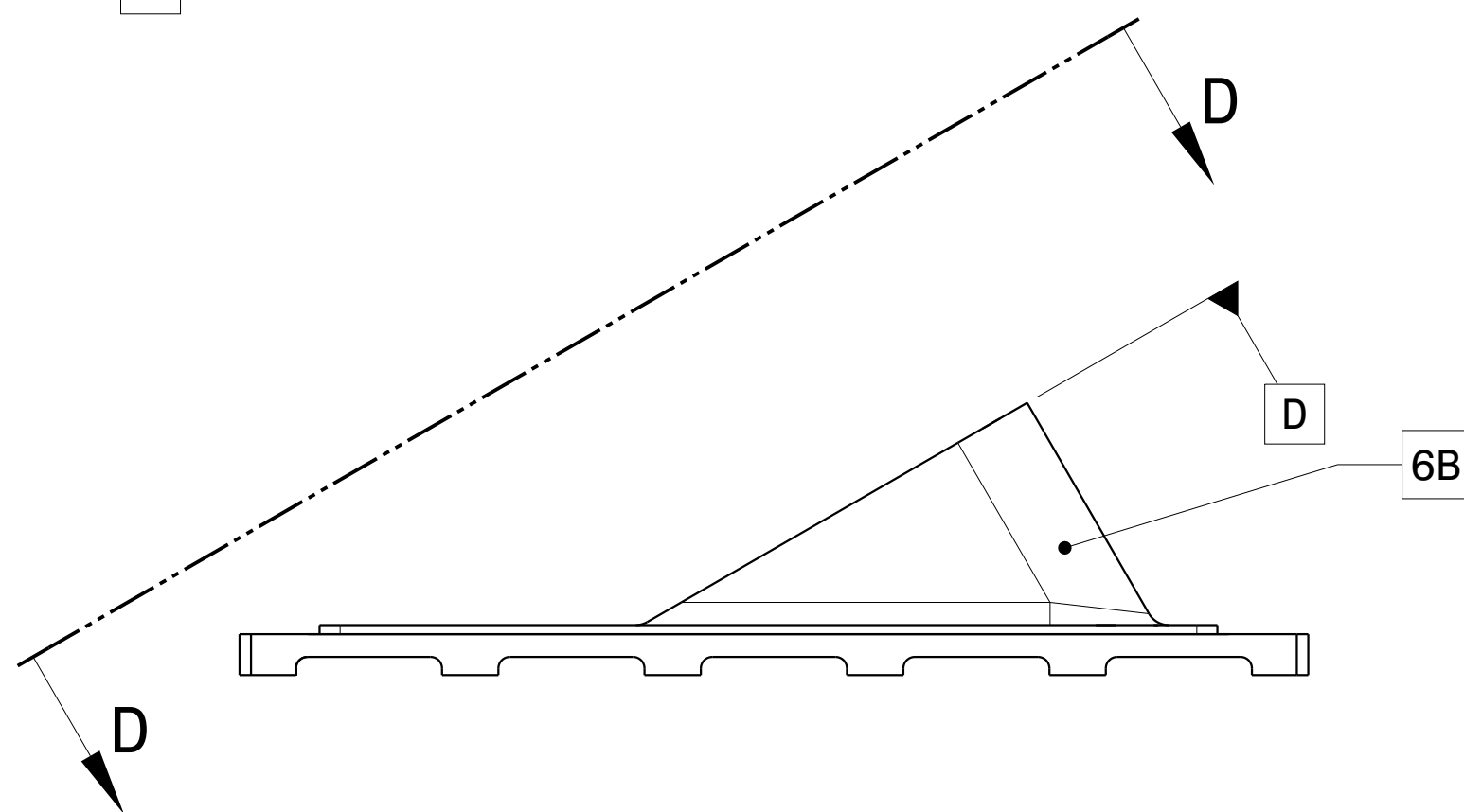
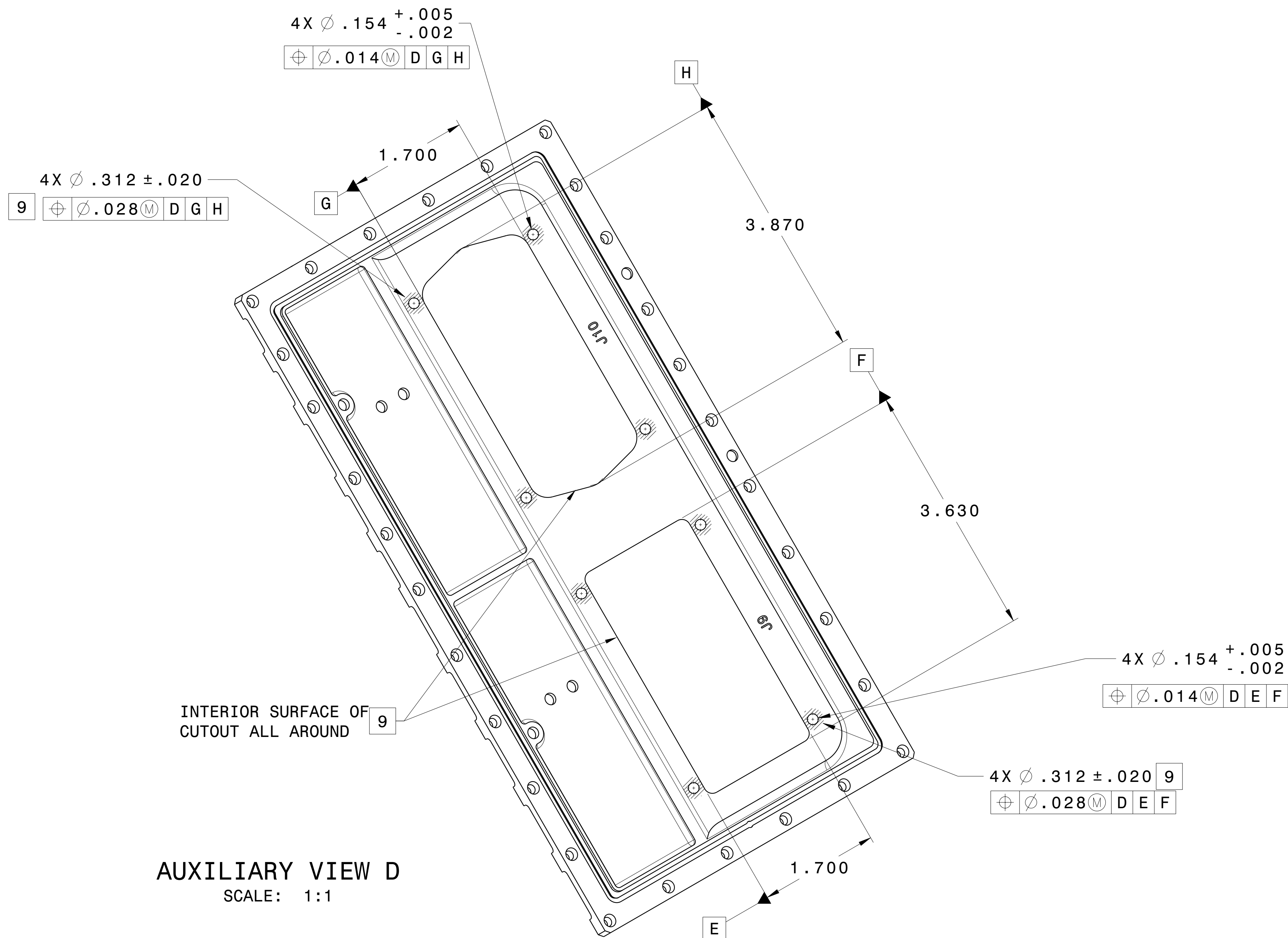
C

B

B

A

A



- 1

SECTION C-C

SCALE: 1:1

B
8

SH 2

ITAR/EAR-CONTROLLED INFORMATION. USE OR DISCLOSURE OF THE INFORMATION CONTAINED
HEREIN IS SUBJECT TO THE RESTRICTIONS ON SHEET 1.

SIZE	DAI	DWG NO	REV
D	65409	D 2 2 4 4 2 1 3	1
SCALE	NONE	SHEET 3	