

NOTES: UNLESS OTHERWISE SPECIFIED

- 1. DIMENSIONS ARE IN MM [INCHES]. ENGLISH DIMENSIONS ARE FOR REFERENCE ONLY.
- 2. INDICATED AREA IS FOR MGSE ACCESS.
- 3. IDENTIFICATION LABEL PLACED APPROXIMATELY WHERE SHOWN. LABEL SHALL INCLUDE: COMPONENT'S NAME, PART AND SERIAL NUMBERS.
- 4. ORIENTATION OF CONNECTORS SHALL HAVE CONTACTS FACING UPWARD (+Z DIRECTION).
- 5. ALL EXTERNAL EDGES OF SOLAR PANEL SHALL HAVE RIGID EDGE CLOSEOUTS.
- 6. HARD ATTACH POINTS TO BE PROVIDED AT THESE LOCATIONS AND AT THIS SIZE FOR GSE ATTACHMENT.
- 7. FOR AREAS NOT DESIGNATED AS STAYOUT ZONES, MAX ALLOWABLE HEIGHT FROM BACKSIDE OF PANEL FOR COMPONENTS IS 35 MM.

REVISION				
REV	ZONE	DESCRIPTION	DATE	APPROVAL
-	-	-	-	-

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MASTER DRAWING
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06-Apr-10
L. KEARNEY

INTERFACE/ENVELOPE CONTROL DRAWING

ITAR RESTRICTED DATA

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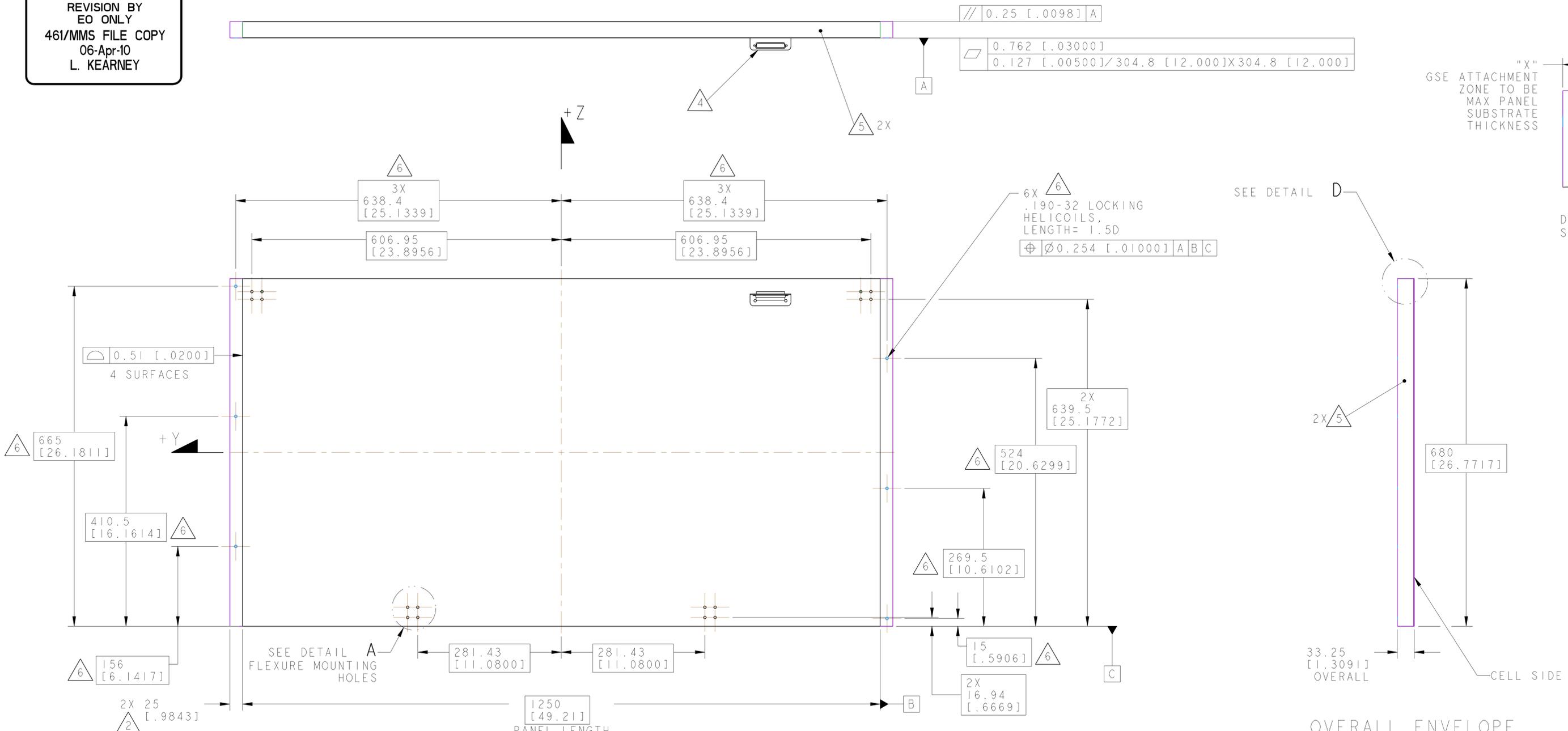
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ITEM NO.	RECD	RECD	PART NO.	DESCRIPTION	MATERIAL	MAT'L SPEC OR CAGE CODE	
-	X		2102861	SOLAR PANEL, MICD/TICD			
LIST OF MATERIAL							
THIRD ANGLE PROJECTION		INCH		NATIONAL AERONAUTICS AND SPACE ADMINISTRATION			Goddard Space Flight Center GREENBELT, MD WALLOPS ISLAND, VA
		INCH BLOCK TOLERANCE: IN .XX ±.00 .XXX ±.000 X/XX ± 0/00		NAME INIT DATE DRAWING INTERPRETED PER 500-PG-8700.2.5			
		REMOVE ALL BURRS AND SHARP EDGES R.010 OR CHAMFER MAX. ±0° μIN		DESIGNED B. MASSEY BM 3/30/10 TITLE			
HARDWARE CLASSIFICATION A		HYBRID METRIC/INCH		DRAWN B. MASSEY BM 3/30/10			
		METRIC BLOCK TOLERANCE: MM ≥ 0 100 500 1000		CHECKED D. FOOTE DF 4/1/10			
SOFTWARE: Pro/ENGINEER WF3		METRIC		APPROVED-MECH C. JONES CJ 3/30/10			
		REMOVE ALL BURRS AND SHARP EDGES R0.25 OR CHAMFER MAX. ±0.5° μM		APPROVED-SC SYS G. DAVIS GD 3/31/10			
FILE LOCATION: INTRALINK		MMS		APPROVED: R.ZARA for N. TETI RZ 4/6/10			
DRAWING FILE: 2102861 REV - .32		NEXT ASSY USED ON		APPROVED-PDL R. AROCHO RA 4/1/10			
MODEL FILE: 2102861 REV 1.43				SCALE: 1/4 DWG NO. 2102861 REV -			
						SHEET: 1 OF 3	

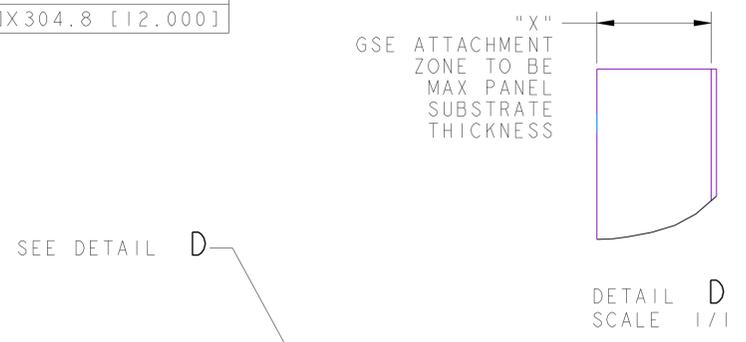
FOLD LINE
 2102861

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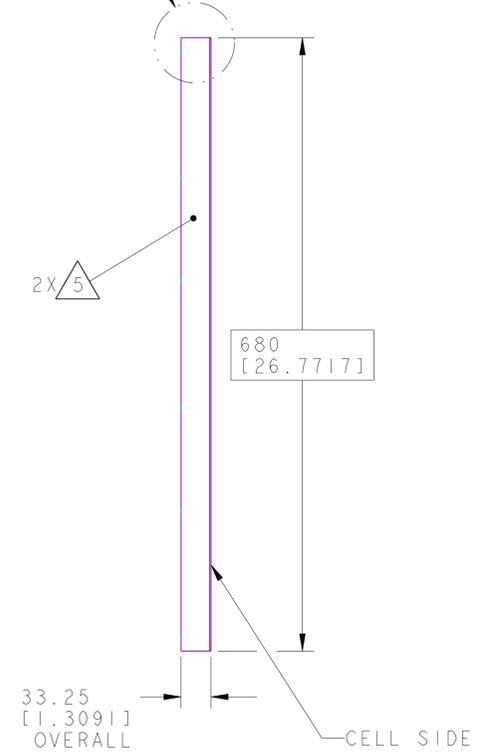
REV		ZONE		REVISION	DATE	APPROVAL
-	-	-	-			



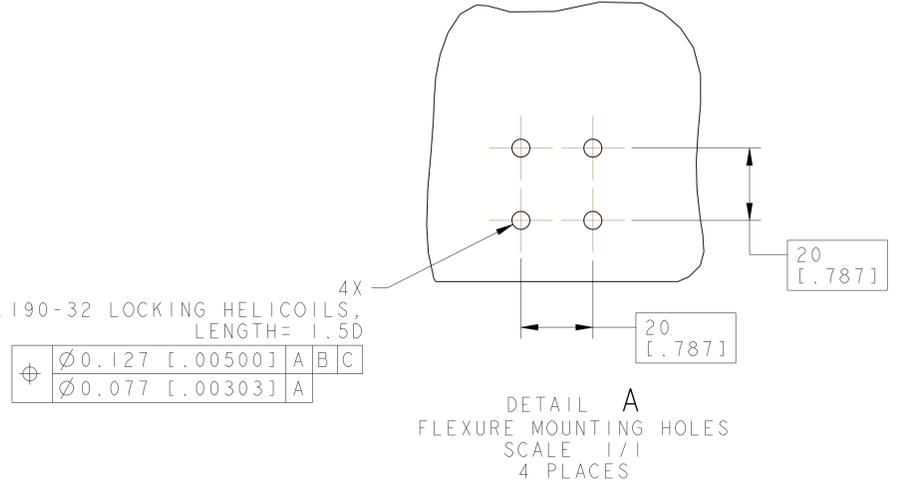
REAR VIEW (-X)



SEE DETAIL D



OVERALL ENVELOPE THICKNESS
 (INCLUDES ALL FRONT-SIDE MOUNTED COMPONENTS, IE: CELLS, ETC)



DETAIL A
 FLEXURE MOUNTING HOLES
 SCALE 1/1
 4 PLACES

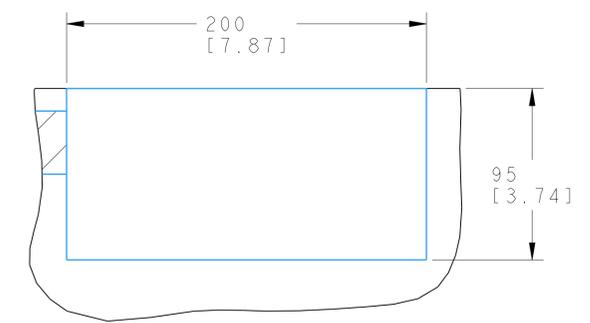
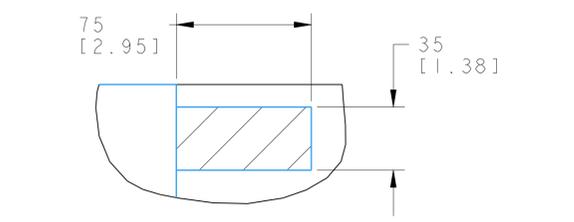
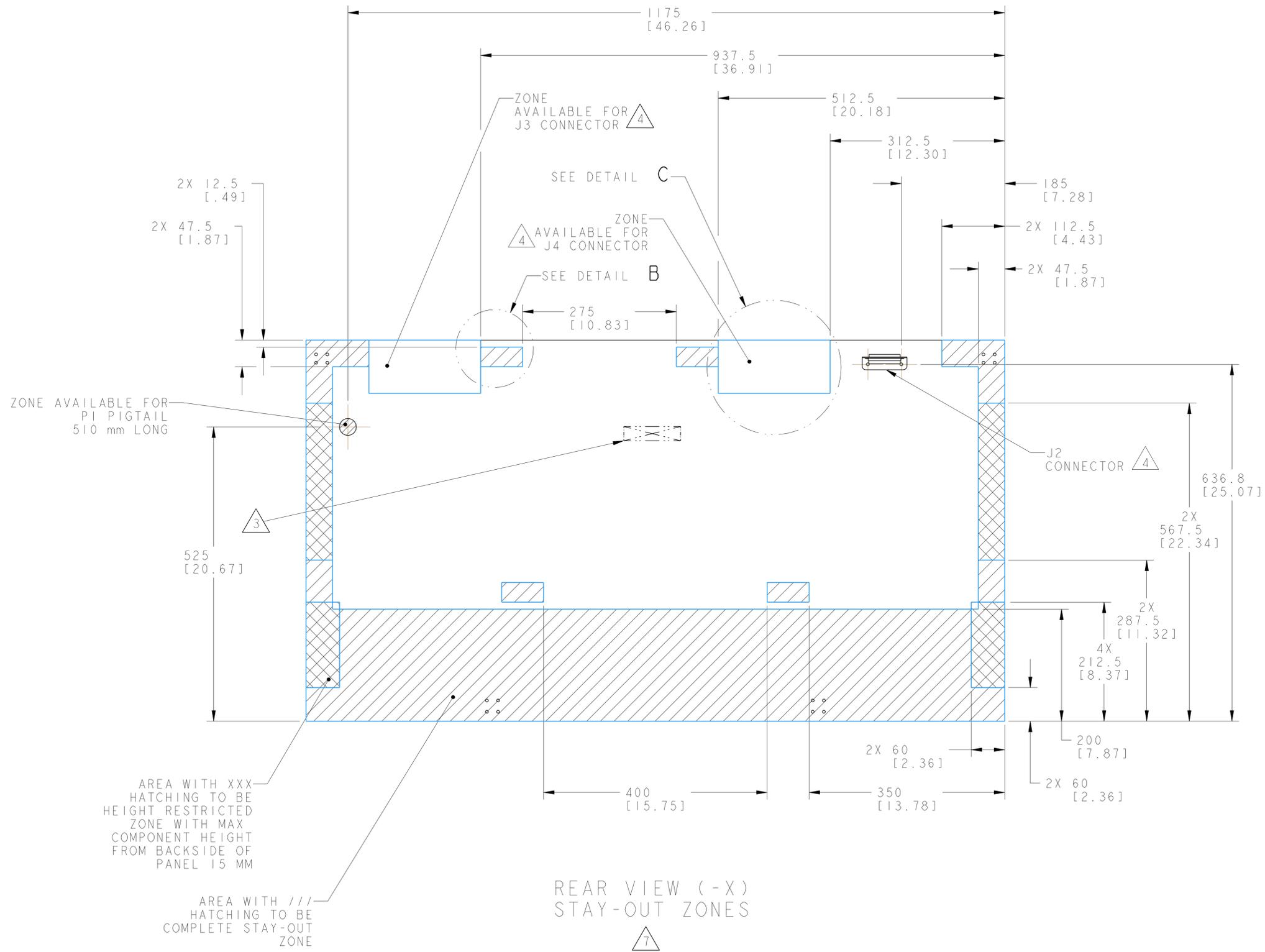
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TITLE SOLAR PANEL, MICD/TICD,			
SIZE D	CHG CODE 36FC1	DWG NO. 2102861	REV -
SCALE: 1/4		SHEET: 2 OF 3	

FOLD LINE
2102861

REVISION				
REV	ZONE	DESCRIPTION	DATE	APPROVAL
-	-	-	-	-

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AREA WITH XXX
 HATCHING TO BE
 HEIGHT RESTRICTED
 ZONE WITH MAX
 COMPONENT HEIGHT
 FROM BACKSIDE OF
 PANEL 15 MM

AREA WITH ///
 HATCHING TO BE
 COMPLETE STAY-OUT
 ZONE

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TITLE SOLAR PANEL, MICD/TICD,			
SIZE D 36FC1	CHG CODE:	DWG NO. 2102861	REV -
SCALE: 1/4		SHEET: 3 OF 3	

FOLD LINE
2102861