

SOLIDWORKS Educational Product. For Instructional Use Only

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN **MILLIMETERS**
TOLERANCES:
FRACTIONAL DIMS \pm BEND \pm
TWO PLACE DECIMAL \pm .01
THREE PLACE DECIMAL \pm .001

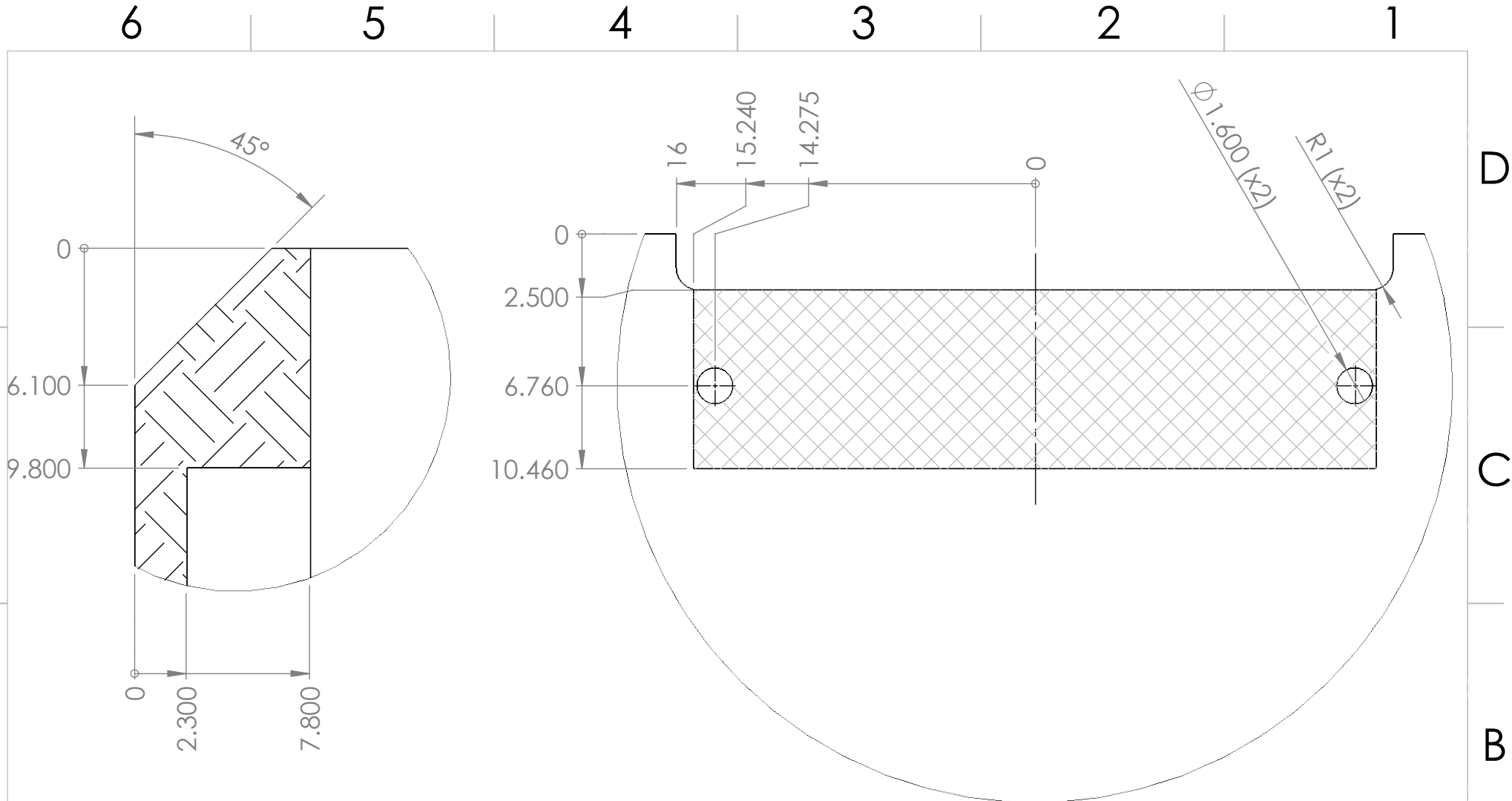
	MATERIAL
	FR4
	FINISH
	--
	Weight
DO NOT SCALE DRAWING	

	NAME	DATE
DRAWN	Joe S.	2017-3-31
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

Description:
The generic board layout for
OreSat

COMMENTS:
RECOMMENDED HEIGHT:
<4 mm ABOVE/BELOW CARD

DWG. NO.			--
REV	SIZE	SCALE: 1:1	
0.5	A	SHEET 2 OF 6	



DETAIL A
SCALE 4 : 1

DETAIL B
SCALE 4 : 1

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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN **MILLIMETERS**
 TOLERANCES:
 ANGULAR EACH ± BEND ±
 TWO PLACE DECIMAL ±.01
 THREE PLACE DECIMAL ±.001



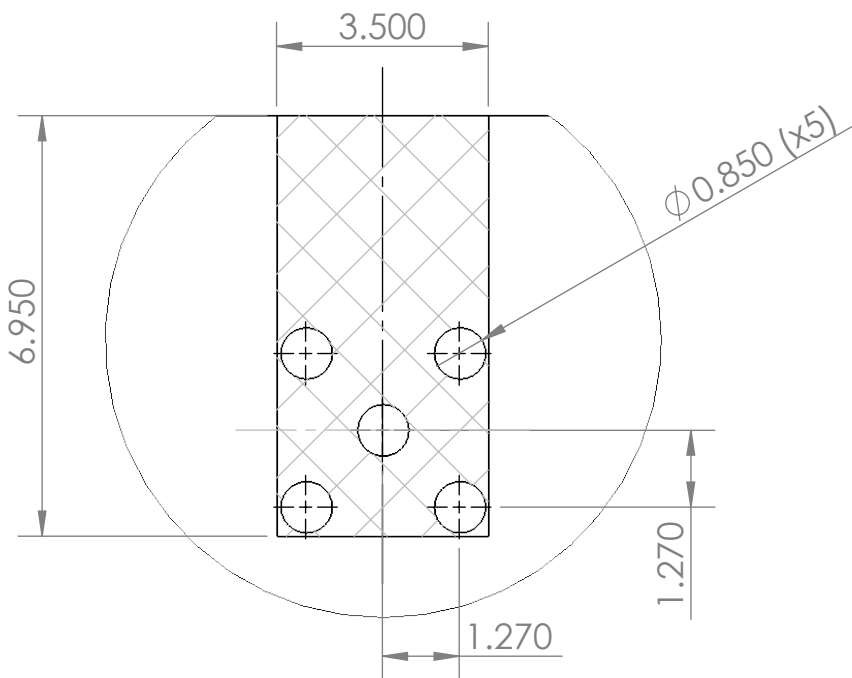
MATERIAL **FR4**
 FINISH --
 Weight
 DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	Joe S.	2017-3-31
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

Description:
 The generic board layout for
 OreSat

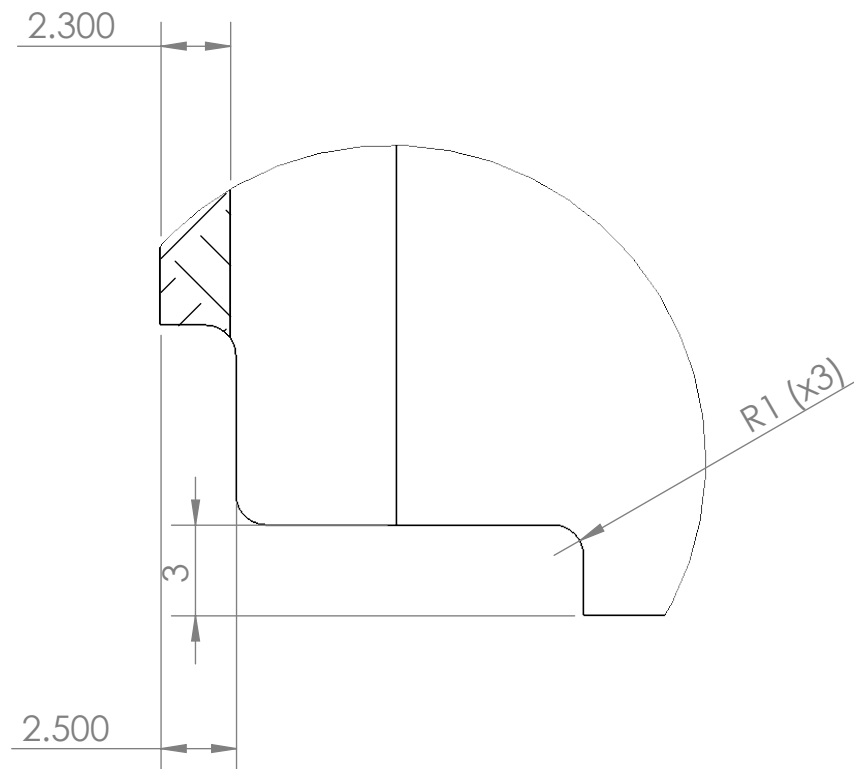
COMMENTS:
RECOMMENDED HEIGHT:
<4 mm ABOVE/BELOW CARD

DWG. NO. --		
REV	SIZE	SCALE: 1:1
0.5	A	SHEET 3 OF 6



DETAIL C

SCALE 8 : 1



DETAIL D

SCALE 4 : 1

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DIMENSIONS ARE IN **MILLIMETERS**
TOLERANCES:
FRACTIONAL ± BEND ±
TWO PLACE DECIMAL ±.01
THREE PLACE DECIMAL ±.001



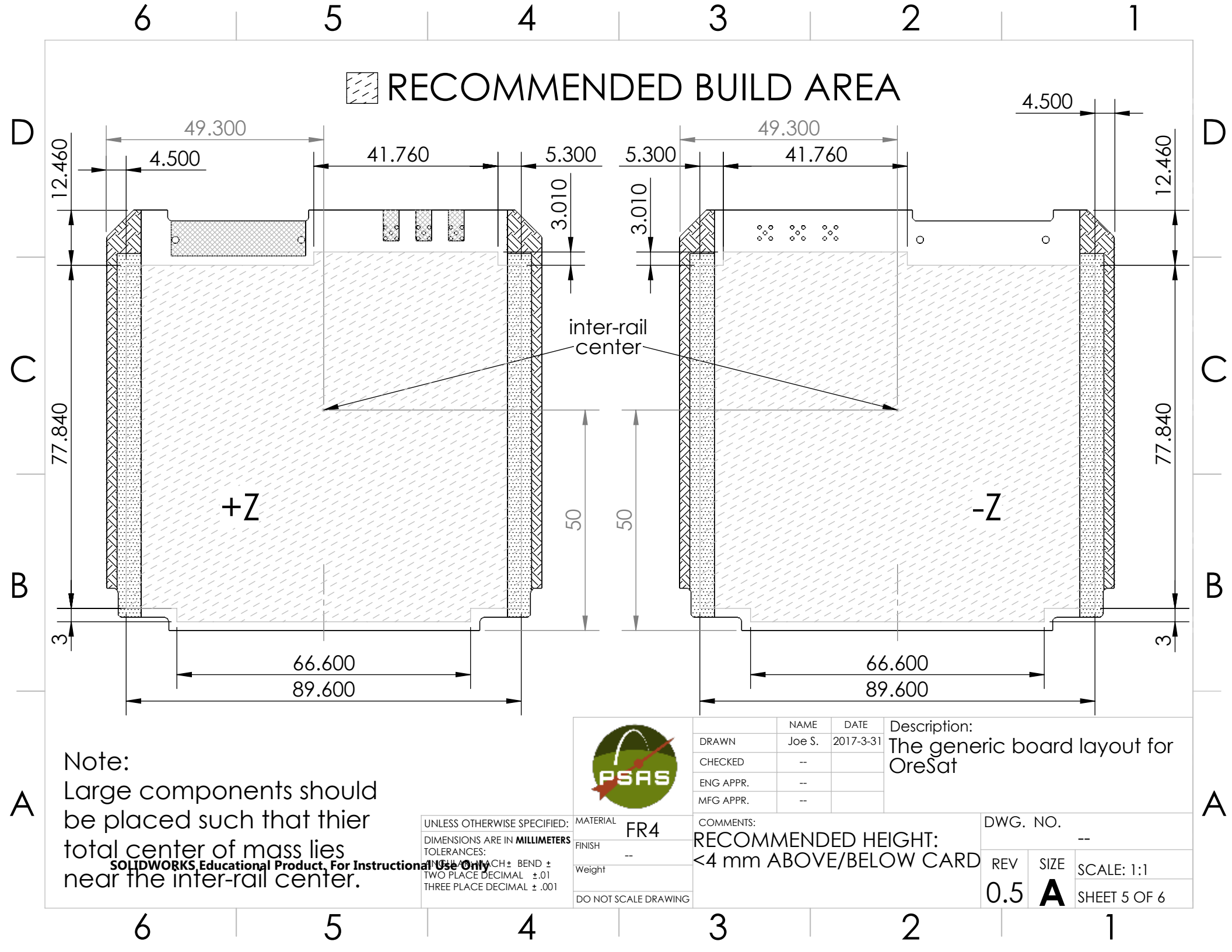
MATERIAL **FR4**
FINISH --
Weight
DO NOT SCALE DRAWING

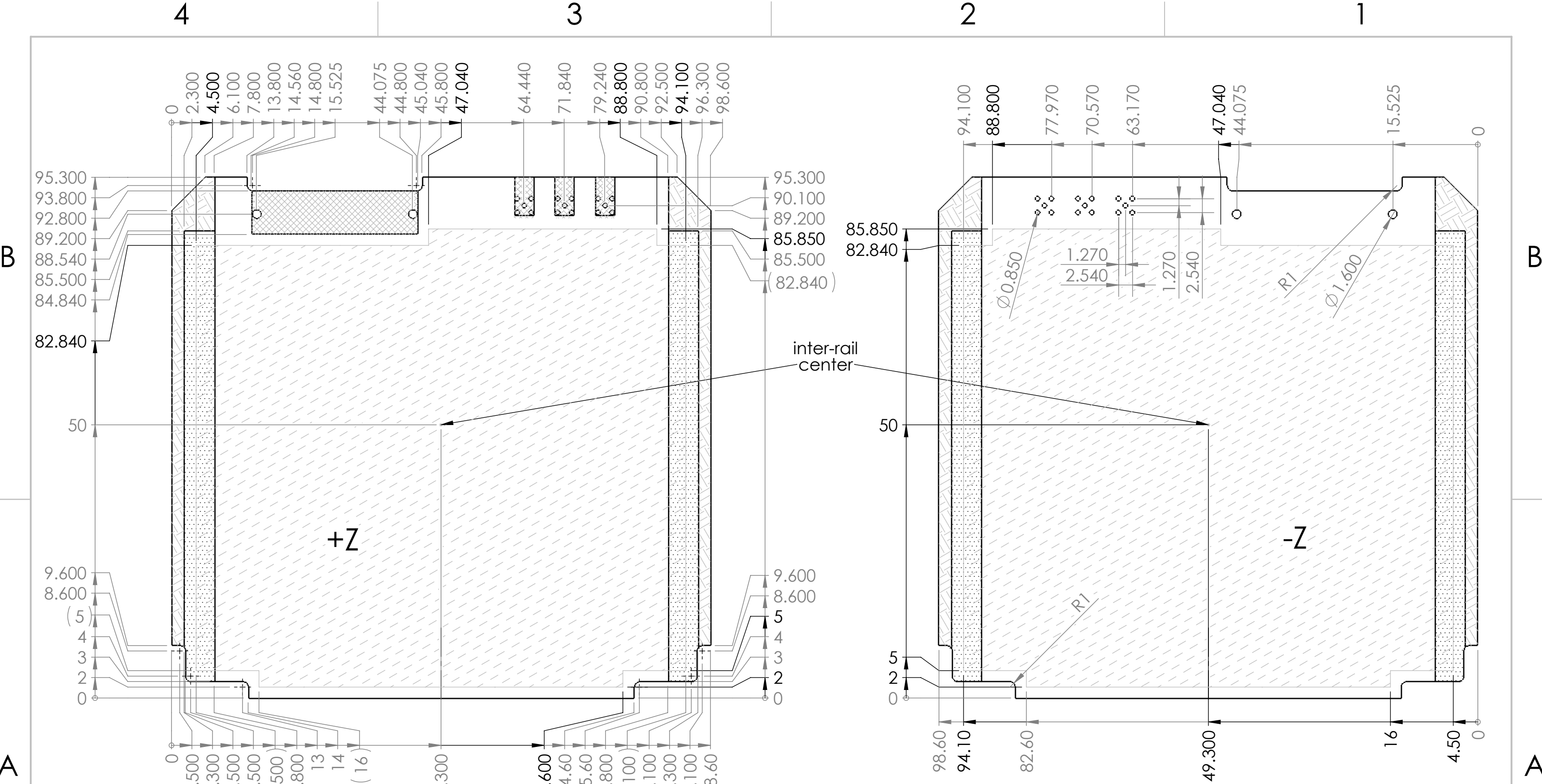
	NAME	DATE
DRAWN	Joe S.	2017-3-31
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

Description:
The generic board layout for
OreSat

COMMENTS:
RECOMMENDED HEIGHT:
<4 mm ABOVE/BELOW CARD

DWG. NO.		--
REV	SIZE	SCALE: 1:1
0.5	A	SHEET 4 OF 6





Note 1:
The low clearance area only affects
the +Z faces of cards 5 and 17 and the
-Z faces of cards 4 and 16. All others
have the usual 4 mm recommended
and 8.6 mm possible clearance.

Note 2:
Large components should be
placed such that thier
total center of mass lies
near the inter-rail center.

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	DRAWN	NAME	DATE	Description: The generic board layout for OreSat
	CHECKED	Marie H.	2017-5-27	
	ENG APPR.	--		
	MFG APPR.	--		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.001				COMMENTS: RECOMMENDED HEIGHT: <4 mm ABOVE/BELOW CARD
MATERIAL FR4 FINISH -- Weight DO NOT SCALE DRAWING				DWG. NO. -- REV 0.5 SIZE B SCALE: 1:1 SHEET 6 OF 6