

SOLIDWORKS Educational Product. For Instructional Use Only

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



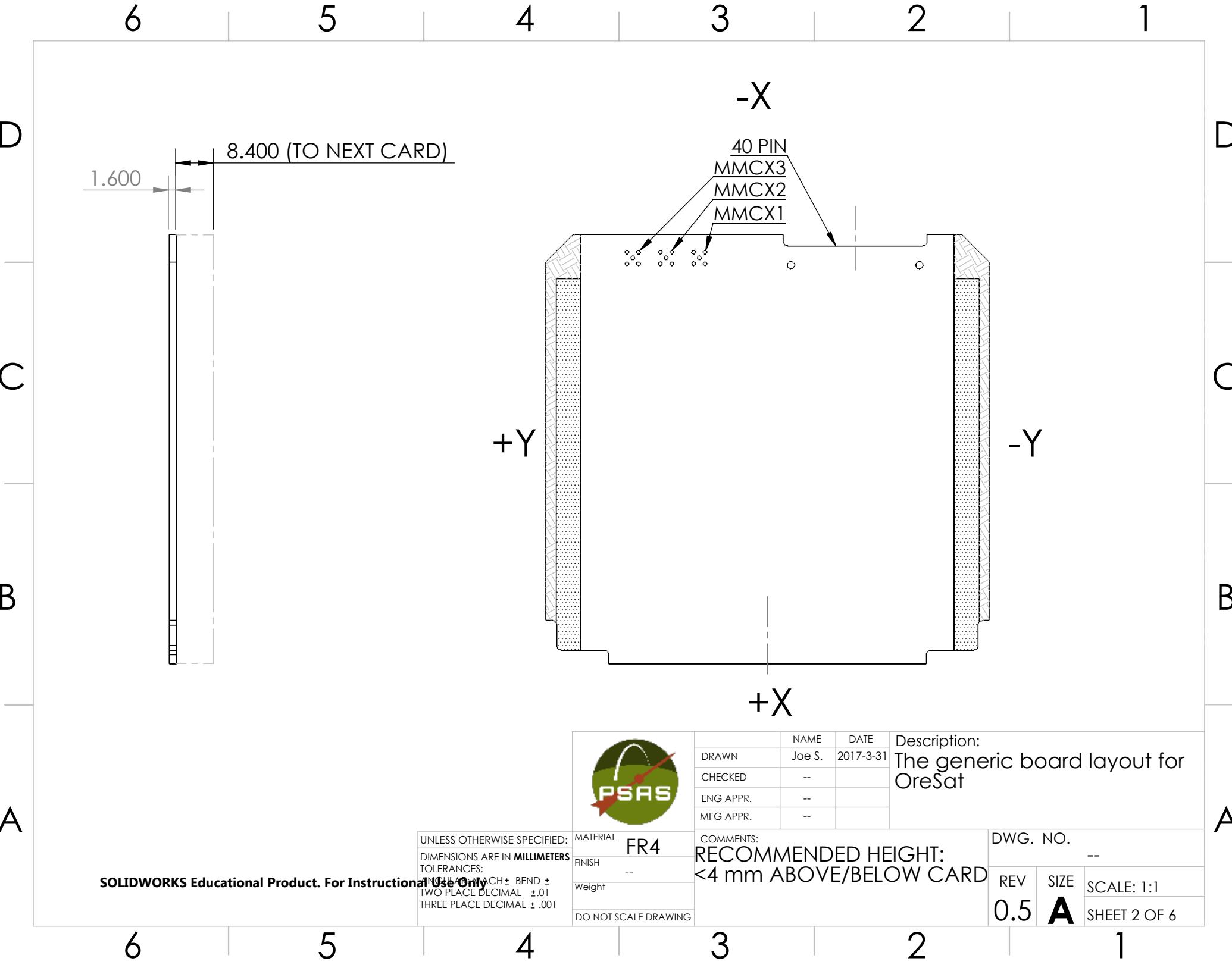
MATERIAL	FR4
FINISH	--
Weight	
DO NOT SCALE DRAWING	

	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 1 OF 6



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DIMENSIONS ARE IN **MILLIMETERS**
TOLERANCES:
FINISH: ±.01
THREE PLACE DECIMAL ±.001

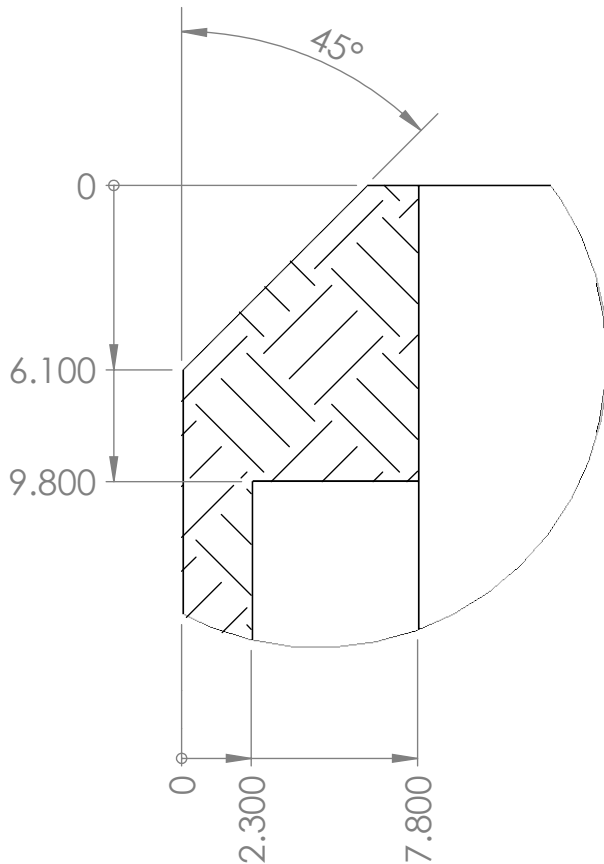
	MATERIAL	FR4
	FINISH	--
	Weight	
	DO NOT SCALE DRAWING	

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

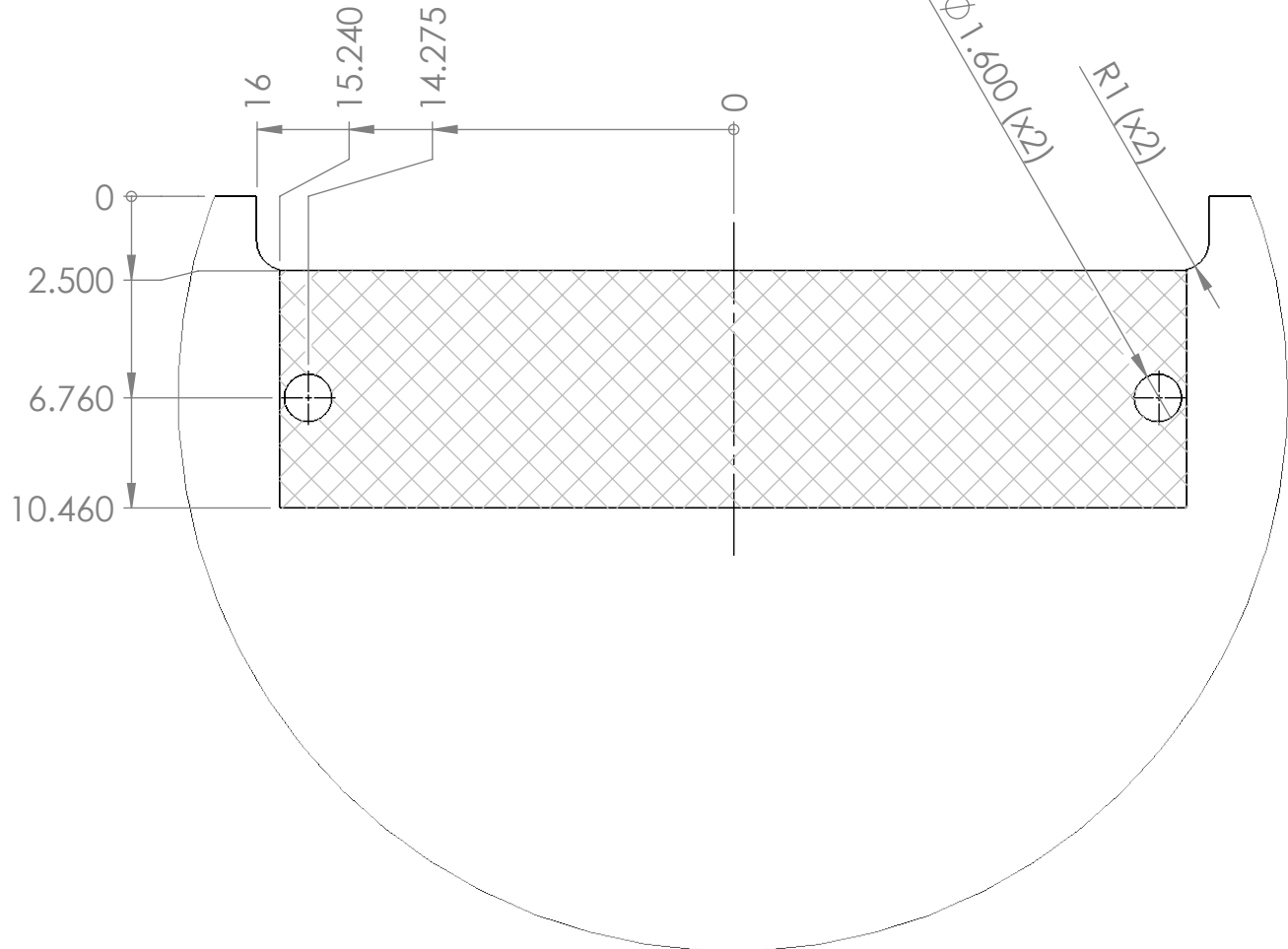
Description:
The generic board layout for
OreSat

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

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



DETAIL A
SCALE 4 : 1



DETAIL B
SCALE 4 : 1



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

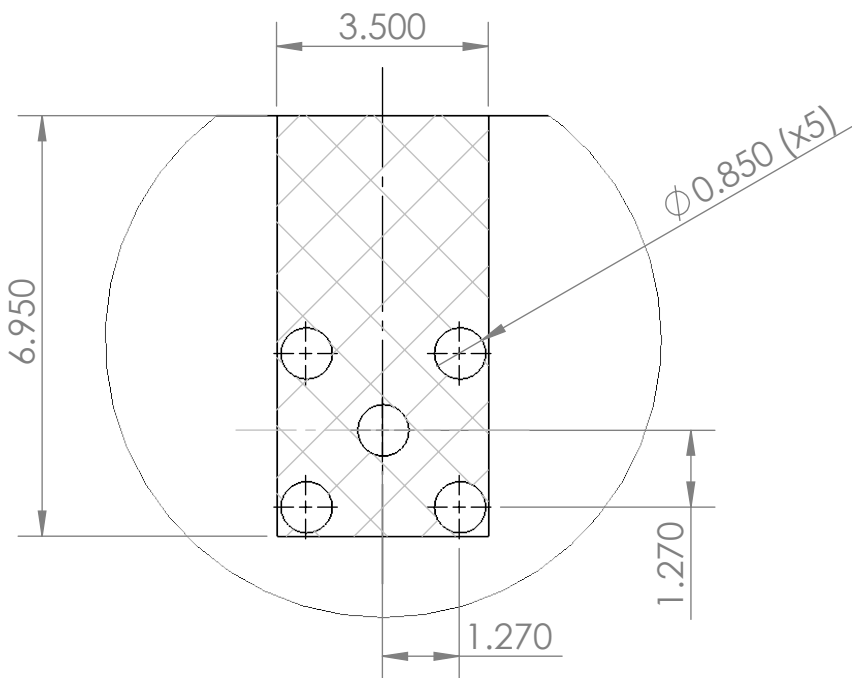
MATERIAL **FR4**
FINISH --
Weight
DO NOT SCALE DRAWING

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

Description:
The generic board layout for
OreSat

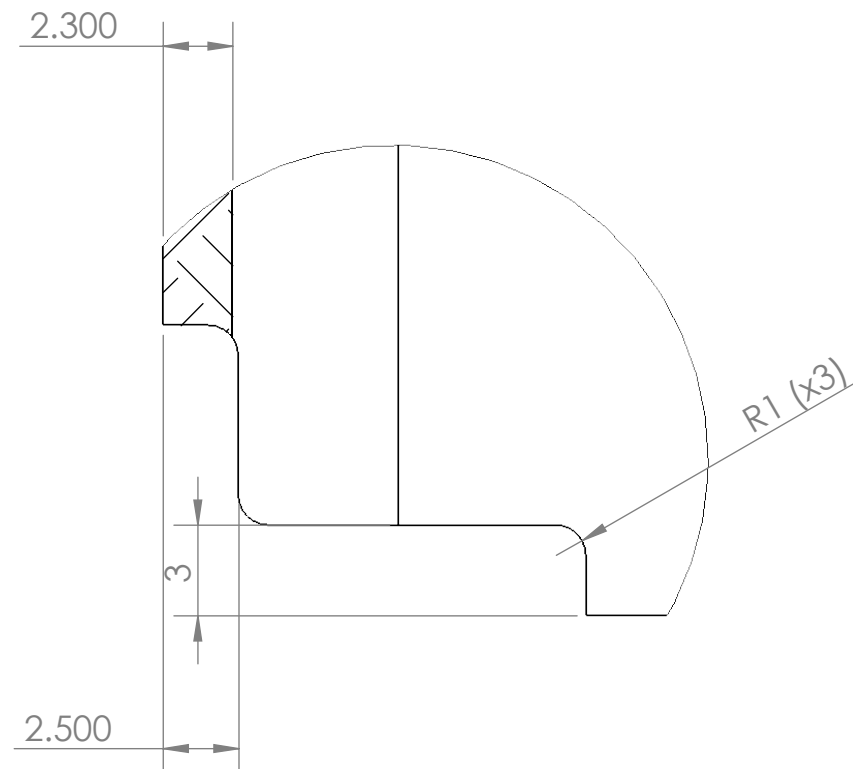
COMMENTS:
RECOMMENDED HEIGHT:
<4 mm ABOVE/BELOW CARD

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



DETAIL C

SCALE 8 : 1



DETAIL D

SCALE 4 : 1

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TOLERANCES:
FRACTIONAL ± BEND ±
TWO PLACE DECIMAL ±.01
THREE PLACE DECIMAL ±.001



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

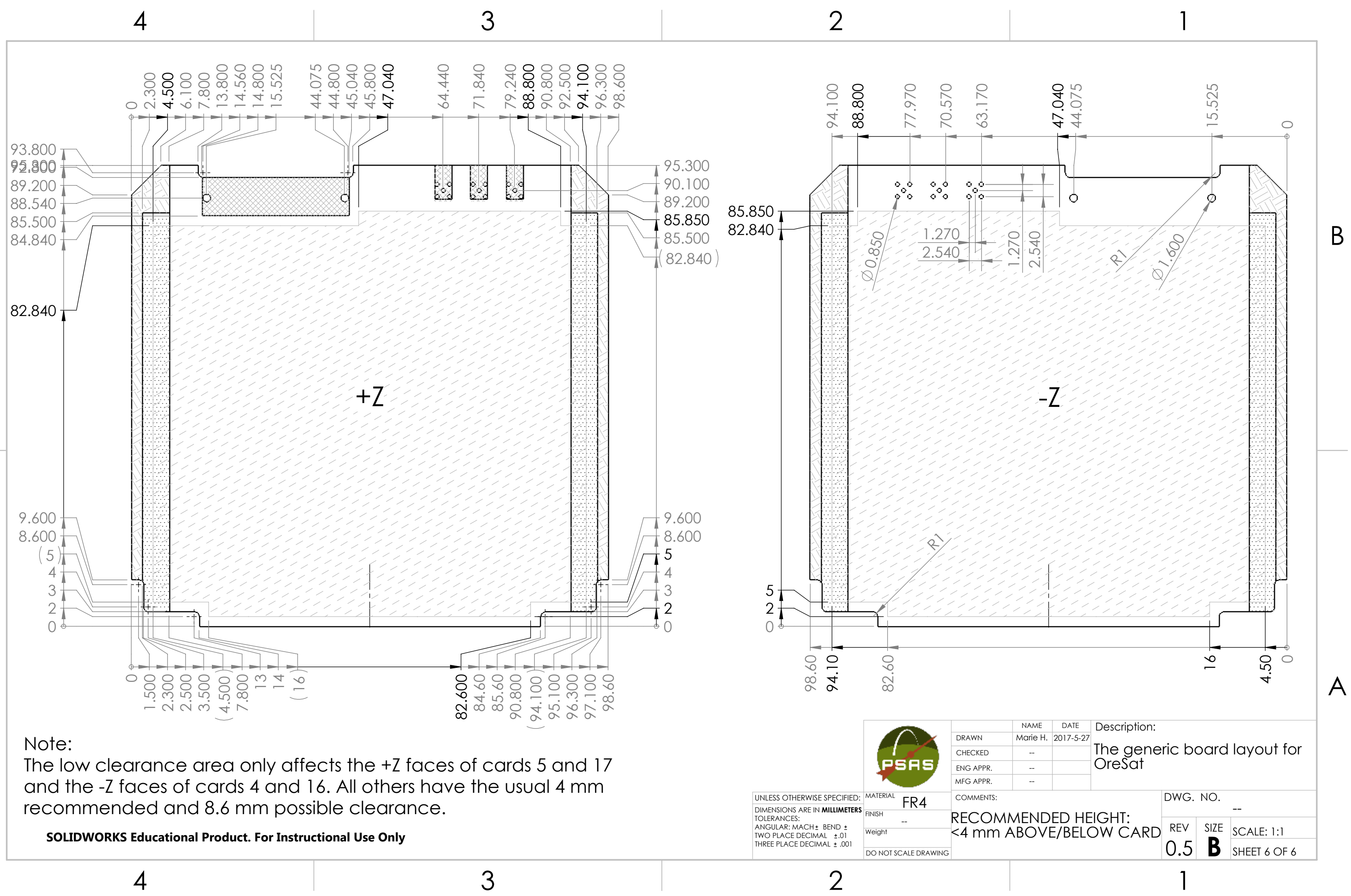
	NAME	DATE
DRAWN	Joe S.	2017-3-31
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

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:
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.