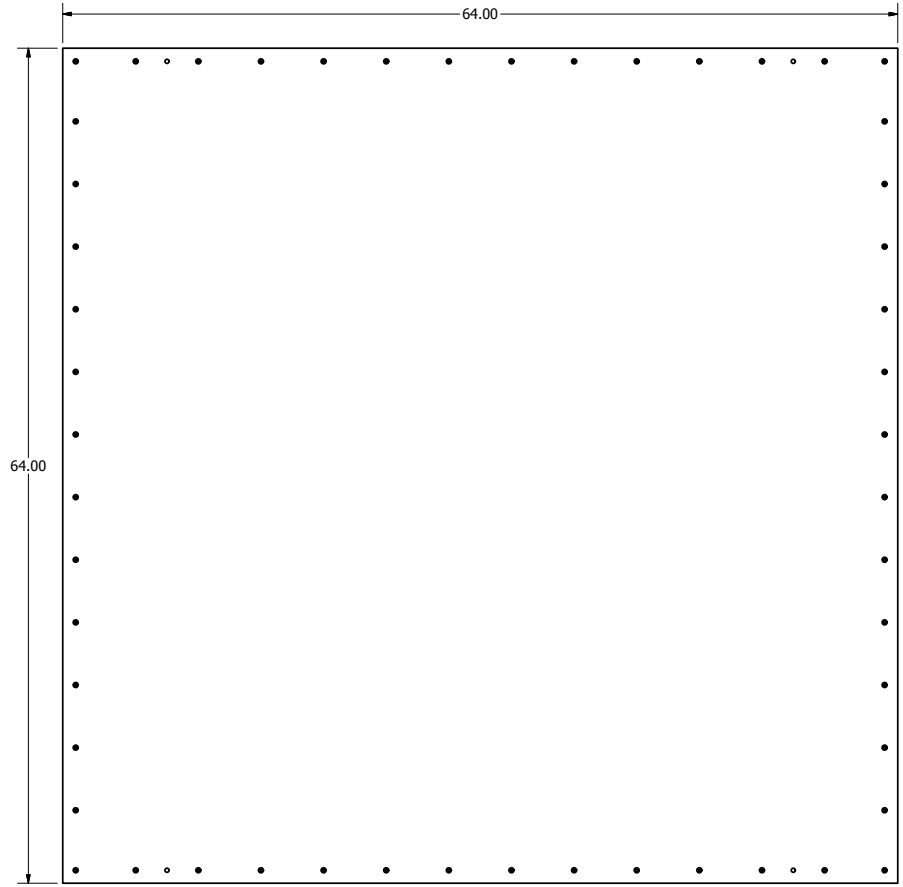
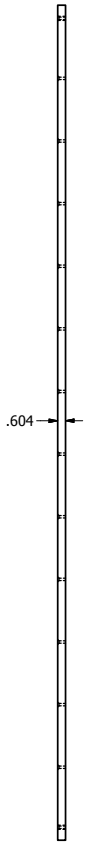
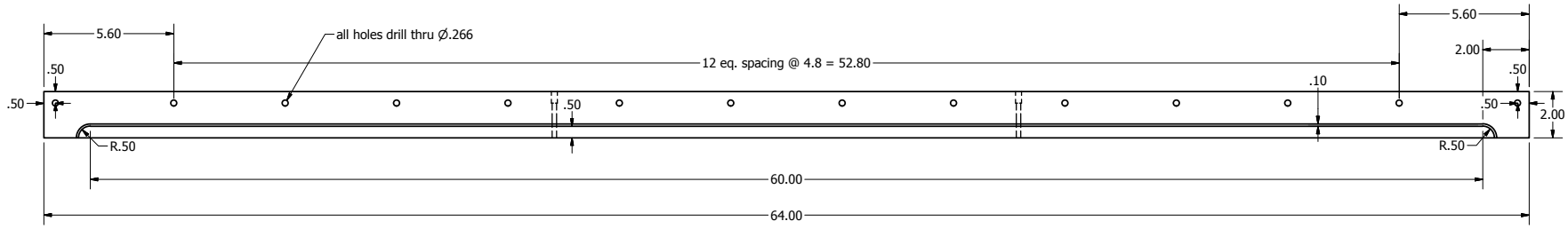
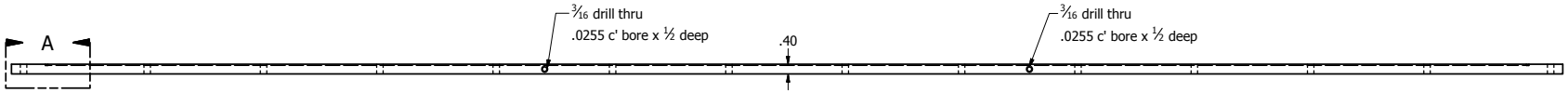
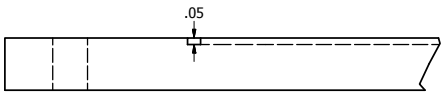




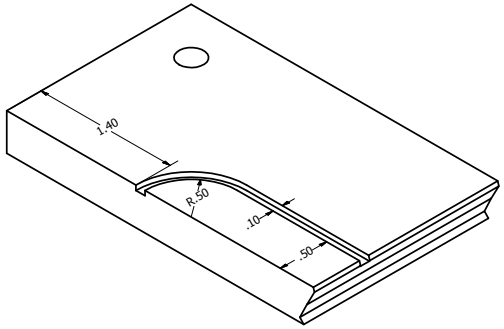
DRAWN Sean McGrath	7/29/2014			
CHECKED		TITLE		
QA				
MFG				
APPROVED		SIZE C	DWG NO Honeycomb plate (c'bore)	REV
		SCALE	SHEET 1 OF 1	



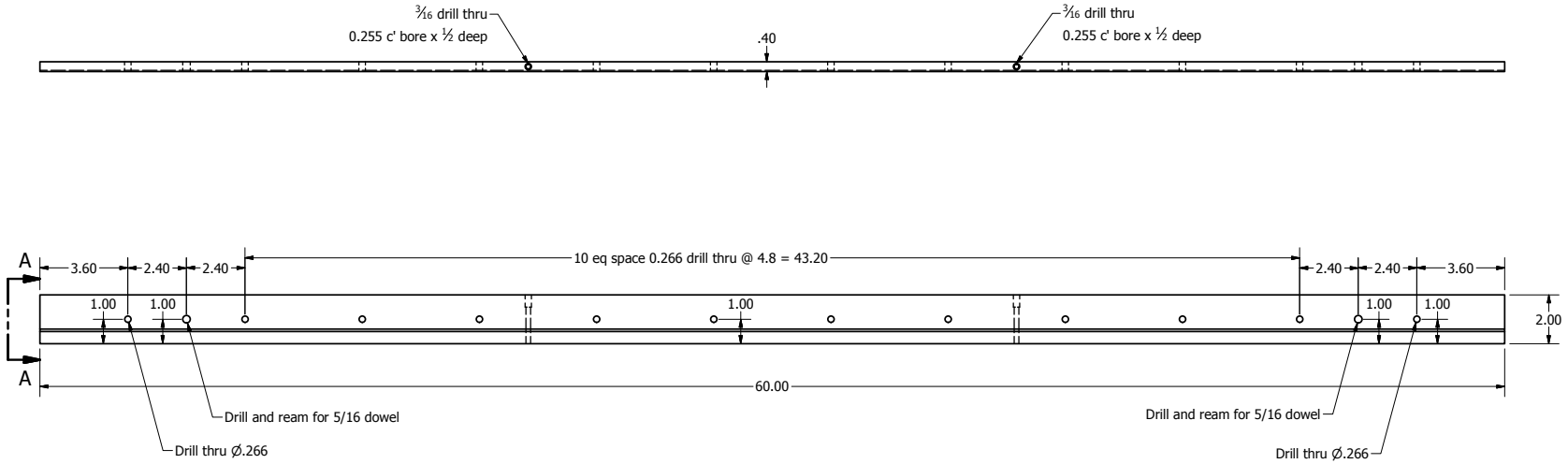


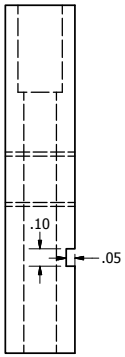


DETAIL A
SCALE 1.5 : 1



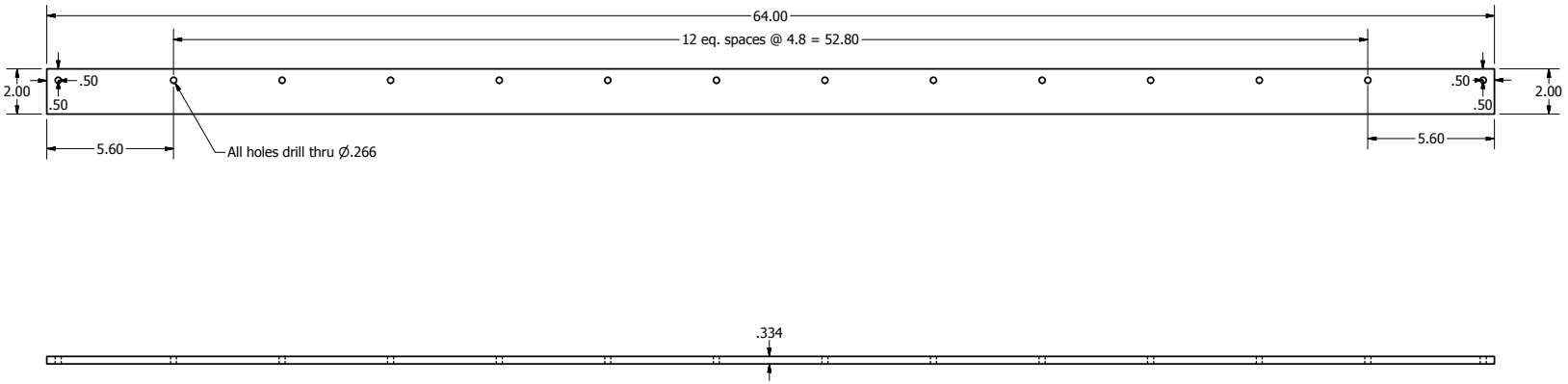
DRAWN Sean McGrath	7/28/2014			
CHECKED		TITLE MWPC Long Spacer Beam		
QA				
MFG				
APPROVED		SIZE C	DWG NO Spacer beam long	REV
		SCALE	SHEET 1 OF 1	



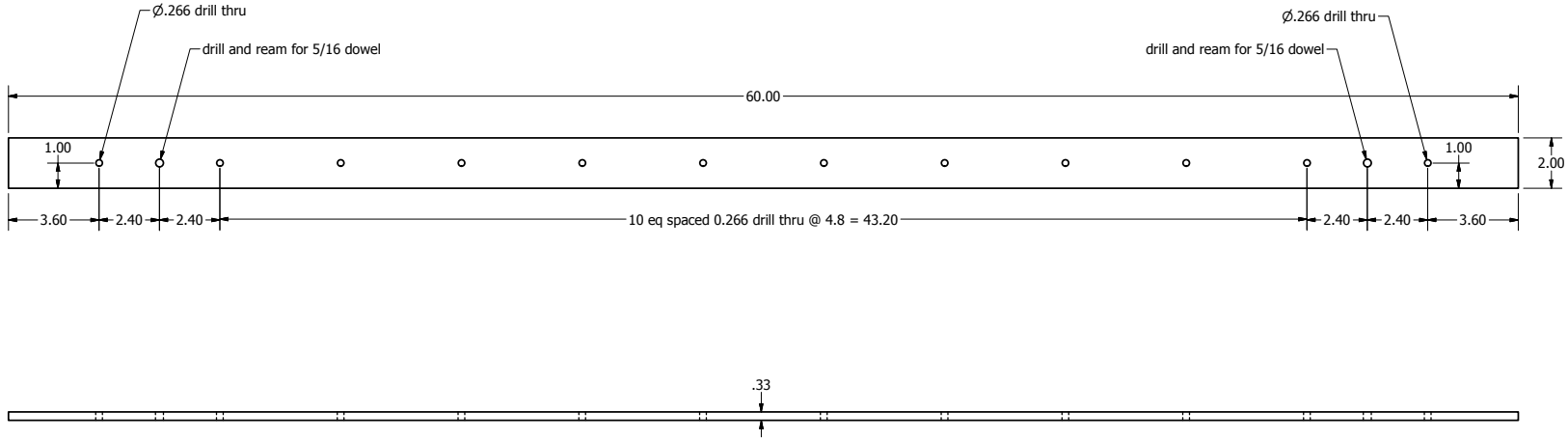


VIEW A-A
SCALE 2 : 1

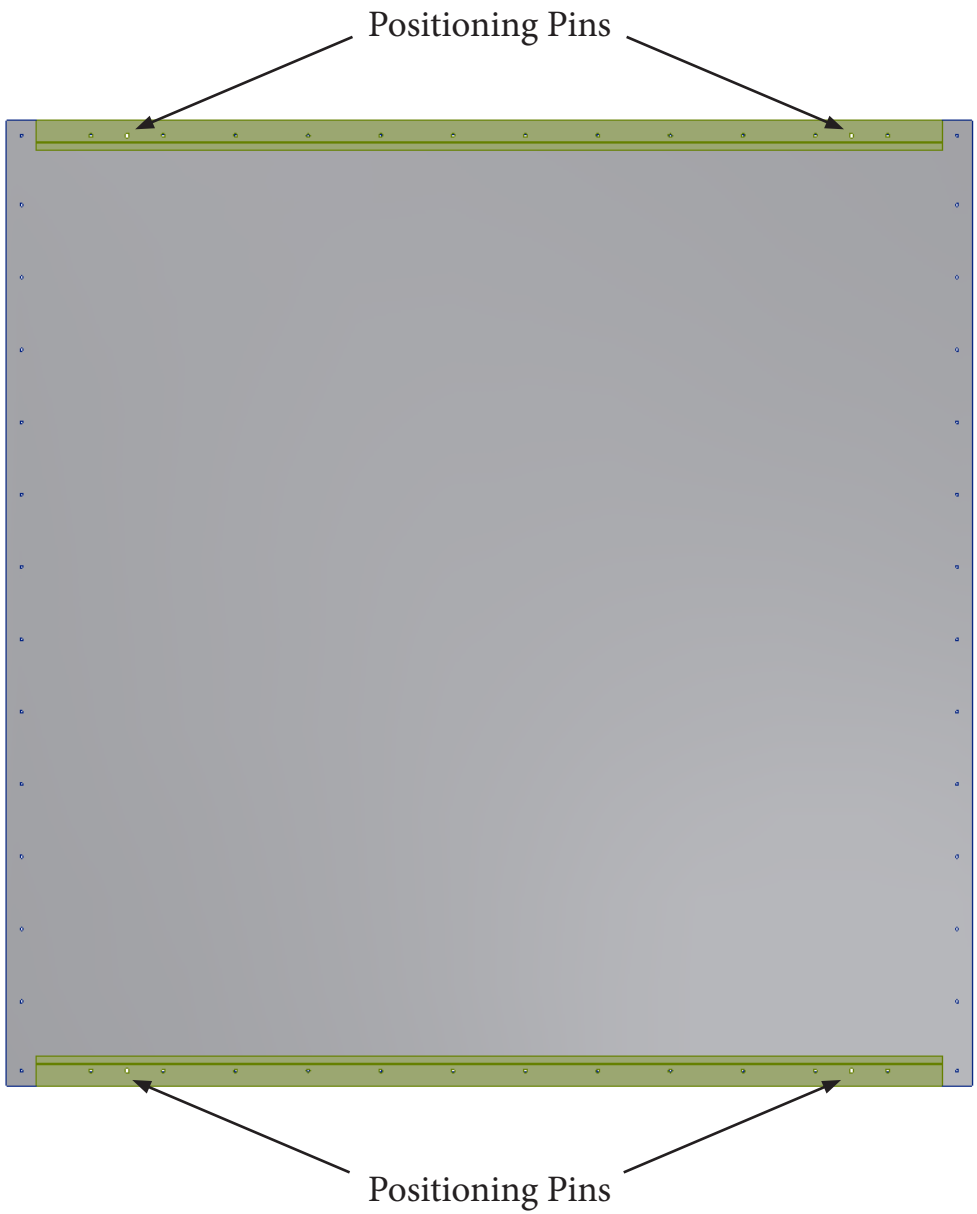
DRAWN menp	7/28/2014			
CHECKED		TITLE		
QA				
MFG				
APPROVED		SIZE C	DWG NO Spacer beam short	REV
		SCALE	SHEET 1 OF 1	

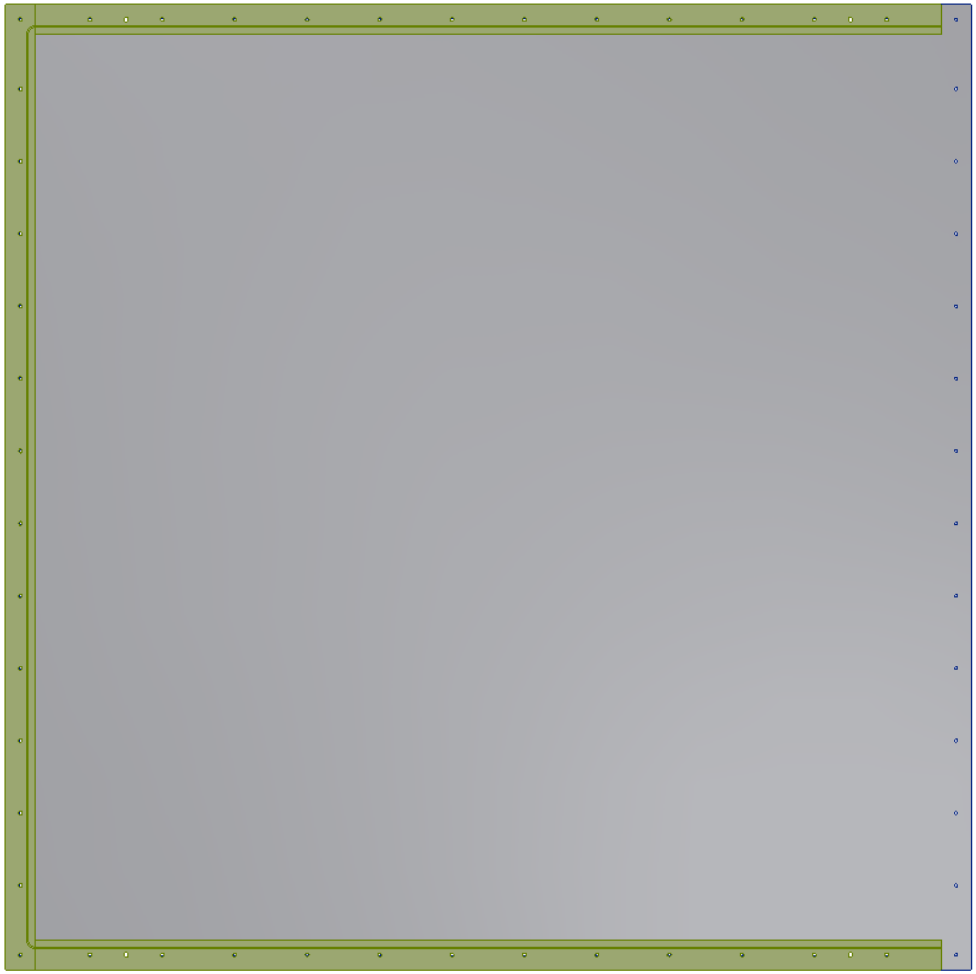


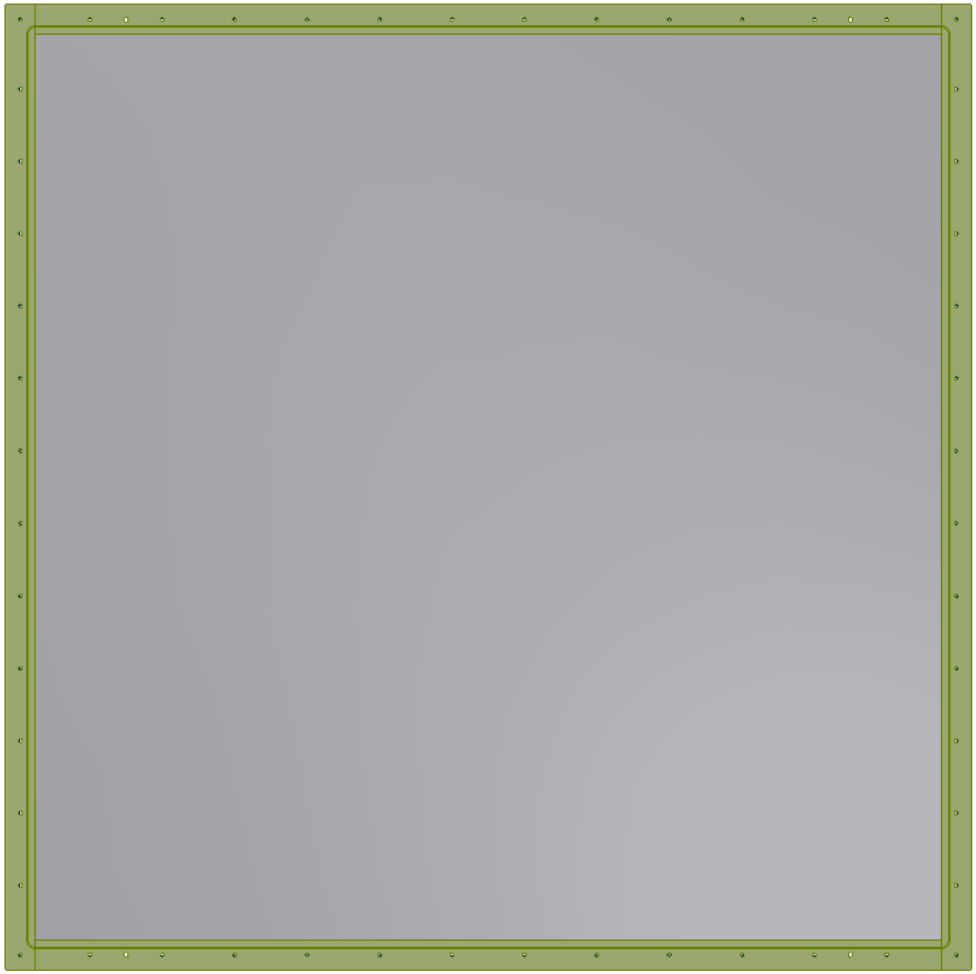
DRAWN menp	7/28/2014			
CHECKED		TITLE		
QA				
MFG				
APPROVED		SIZE C	DWG NO Wire beam long	REV
		SCALE	SHEET 1 OF 1	

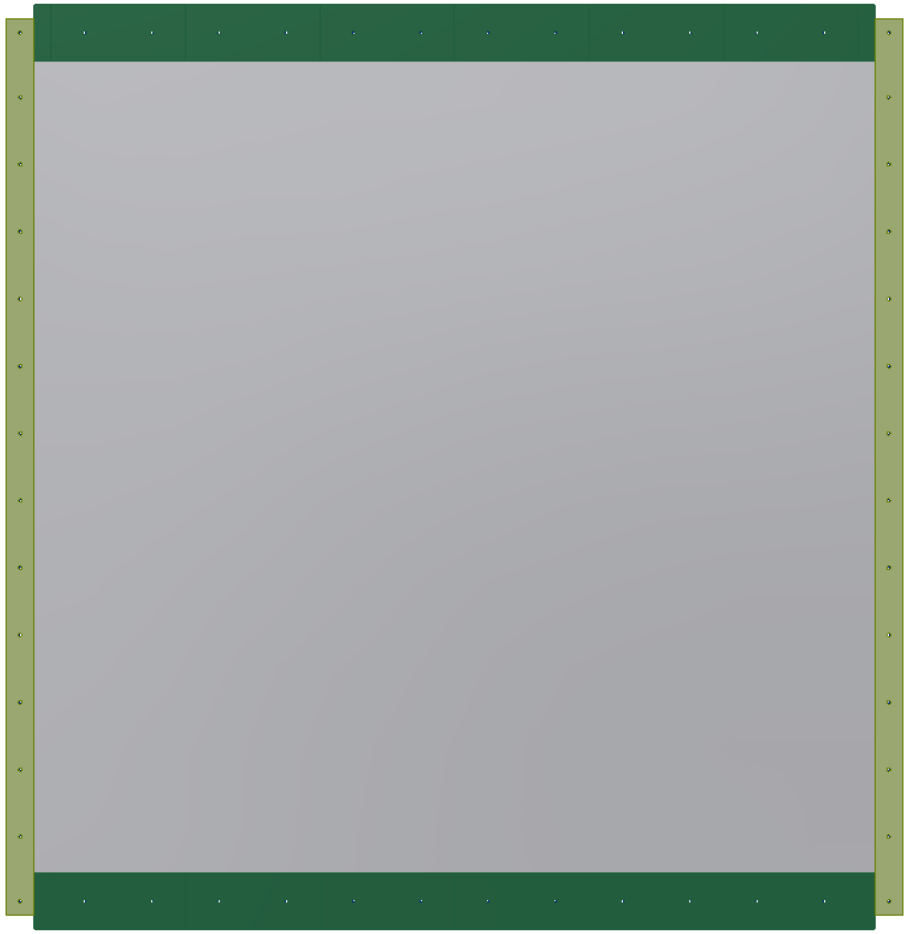


DRAWN Sean McGrath	7/28/2014			
CHECKED		TITLE		
QA				
MFG				
APPROVED		SIZE C	DWG NO Wire beam short	REV
		SCALE	SHEET 1 OF 1	


Positioning Pins
Positioning Pins







Thermal Expansion

Aluminum expands twice as much as G-10
per degree temperature change.

10 ºC temperature change over a 32" distance
gives **2 mils** length difference.

Modeling the G-10 as a spring, we expect the epoxy to exert
a pressure of **~25 PSI** in order to hold the G-10 in place.