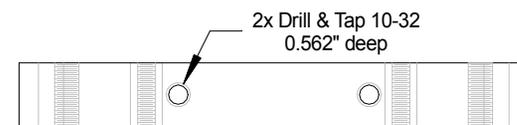
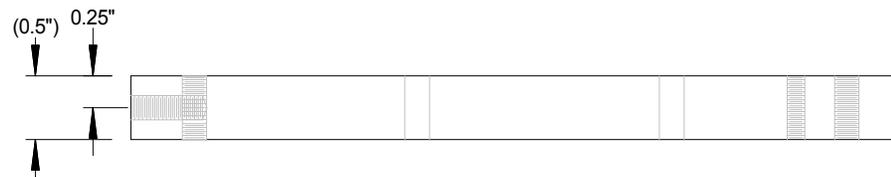
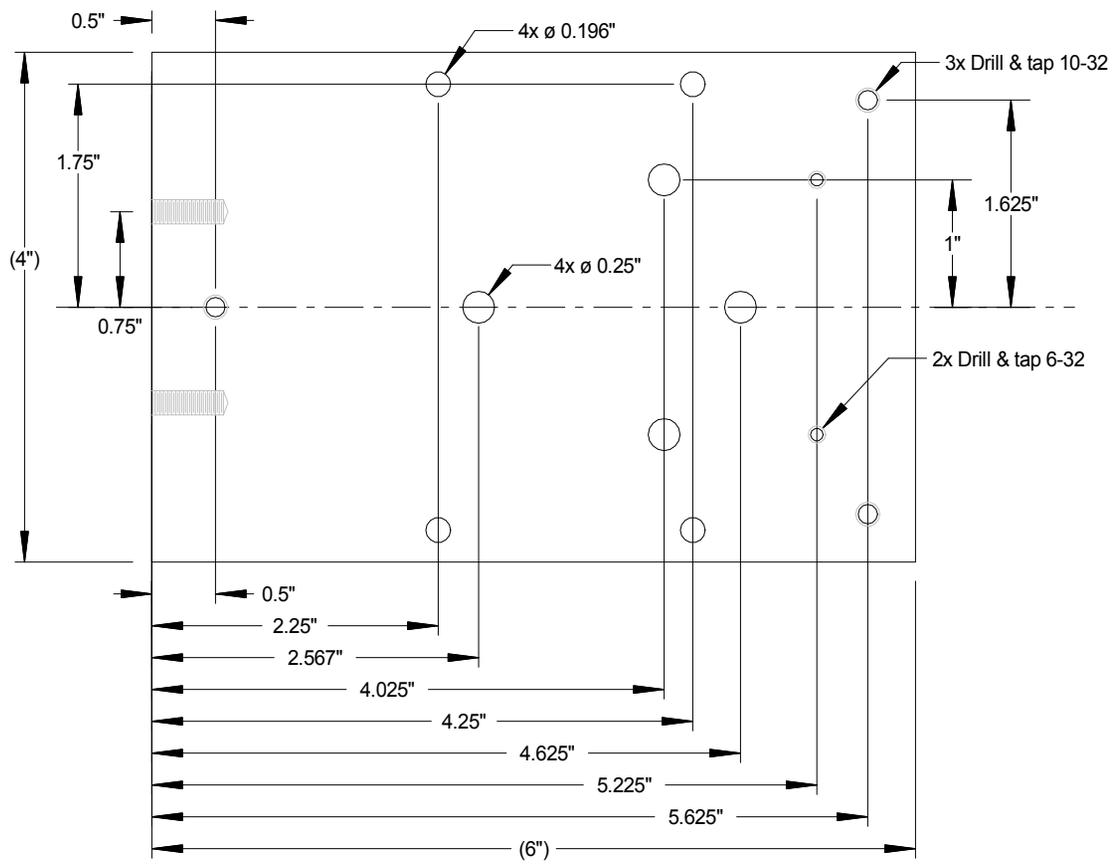
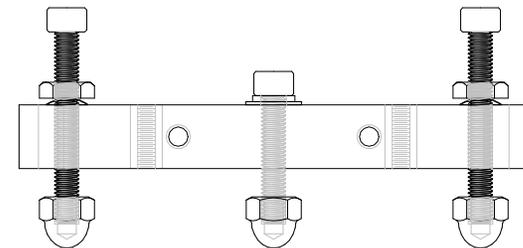
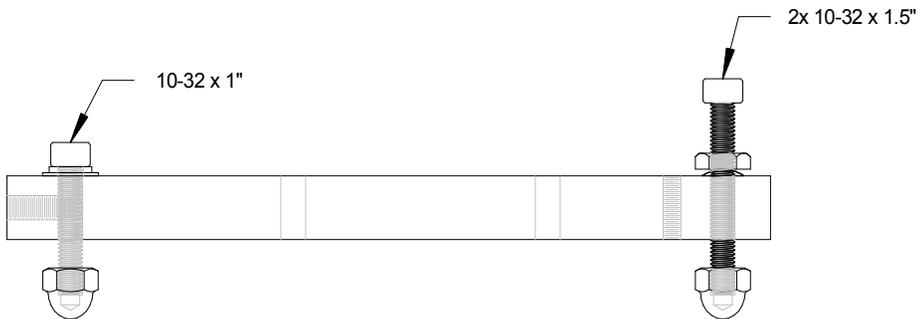
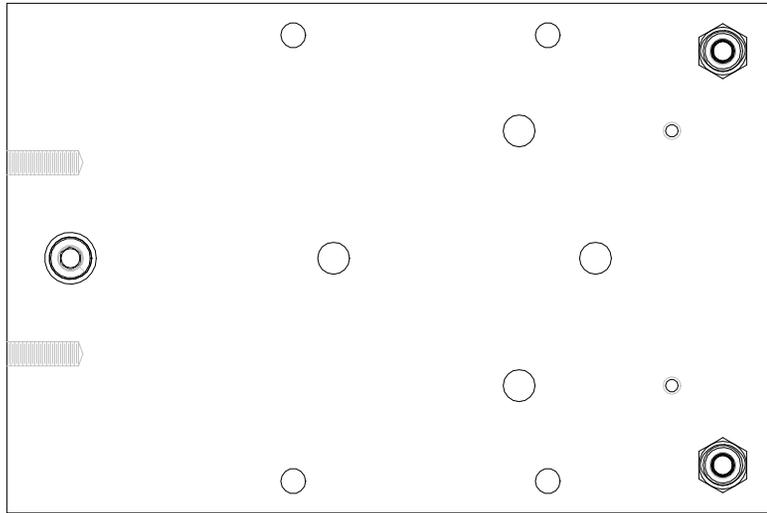


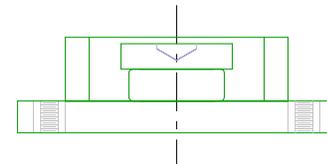
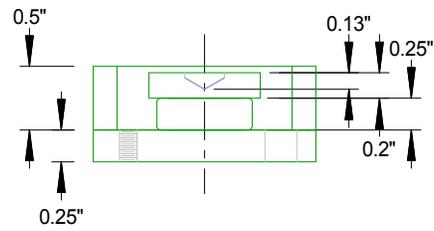
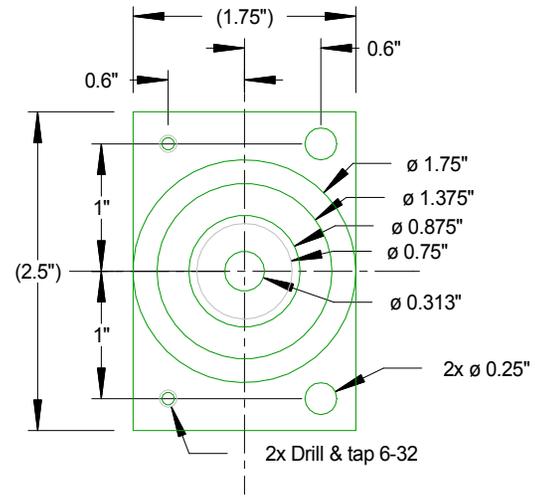
		Yuma Force Balance Vertical Seismometer	
100.12	22 January, 2011		
	B. Nordgren		



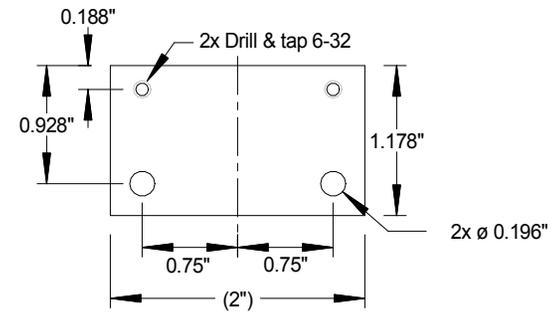
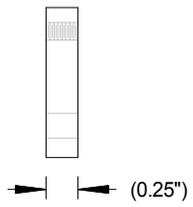
BASE



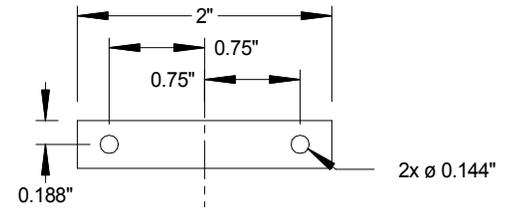
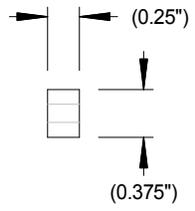
LEGS



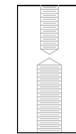
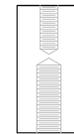
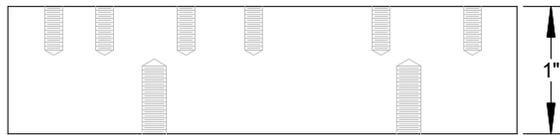
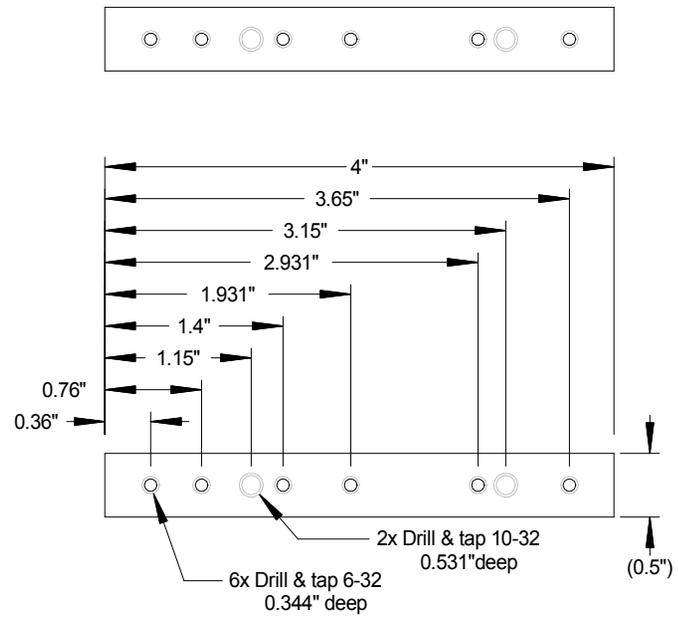
MAGNET



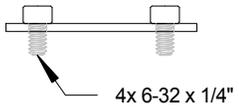
TOWER-1



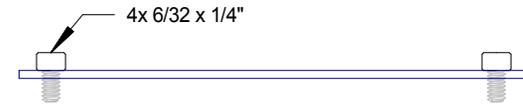
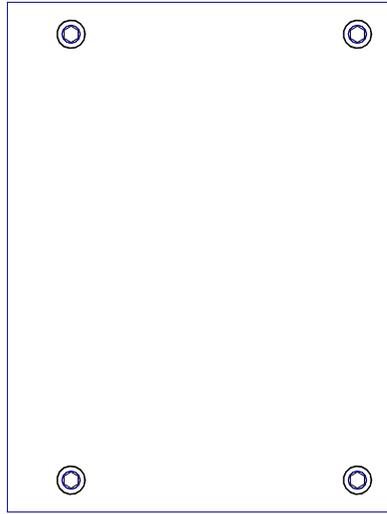
SPRCLAMP-1



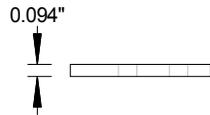
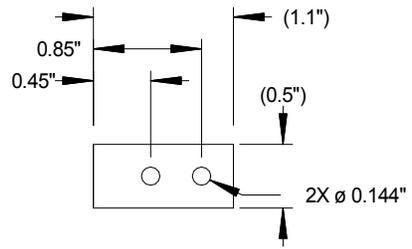
TOWERS-2



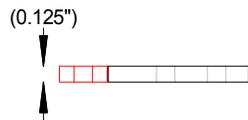
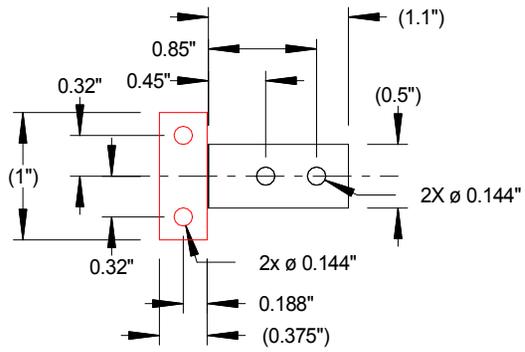
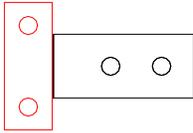
SENSOR PLATE



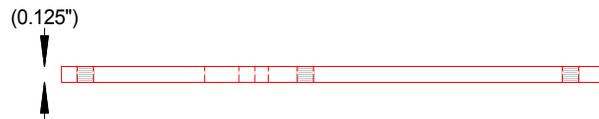
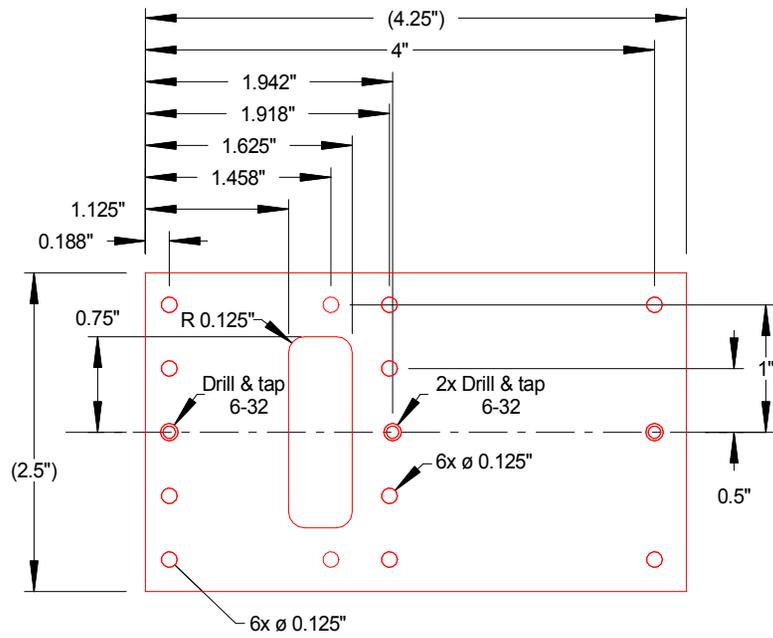
ELECTRONICS PC BD



PIVOT SHIMS

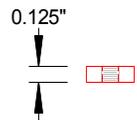
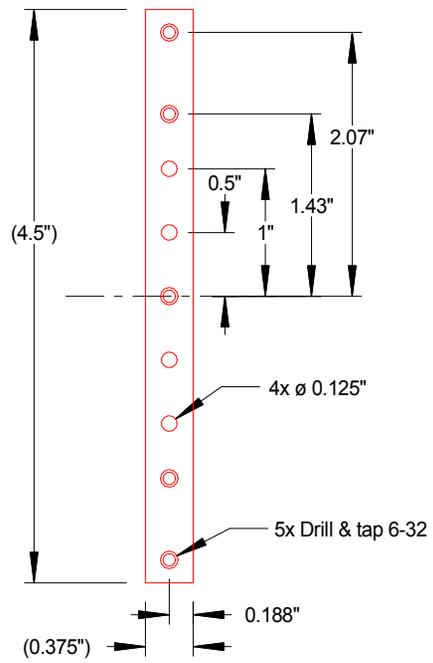


PIVOT CLAMPS



note: Tap holes
after assembly.

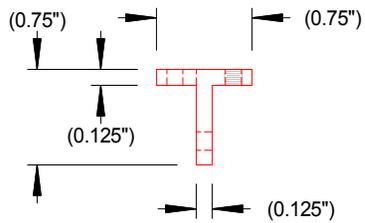
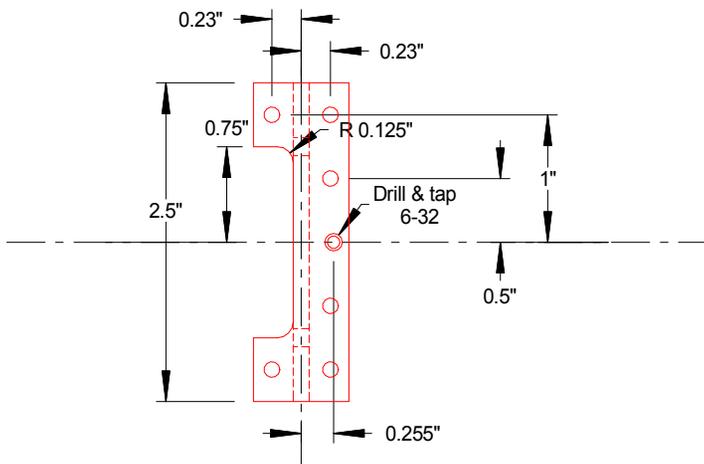
TOP PLATE



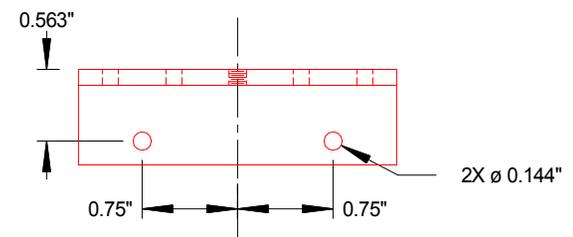
note: Tap holes
after assembly.



SPACER-1



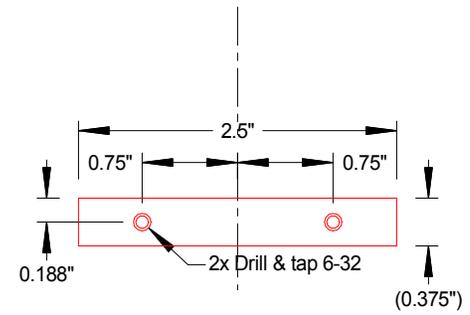
note: Tap holes
after assembly.



SPACER-2



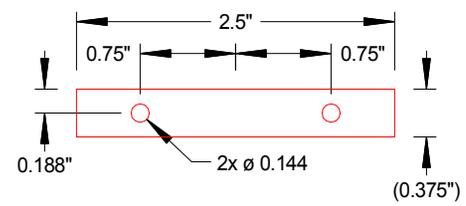
(0.125")



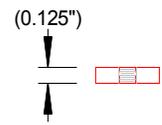
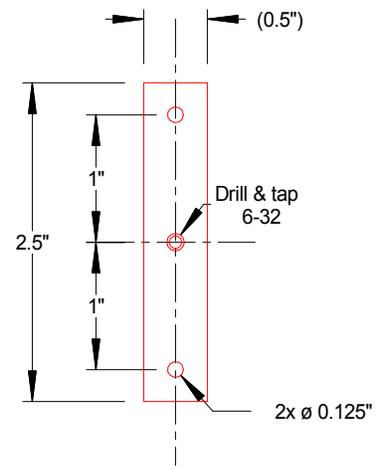
SPRCLAMP-2



—|— (0.125")

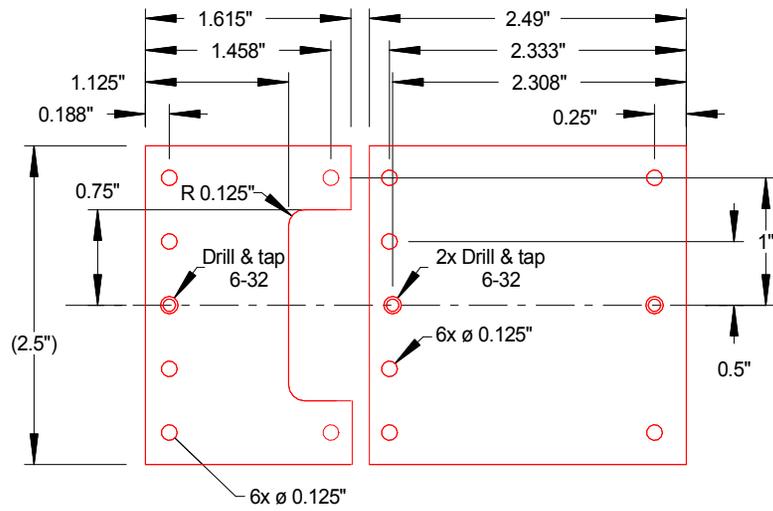


SPRCLAMP-3



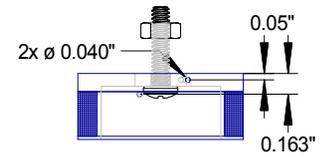
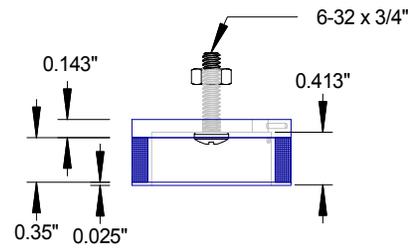
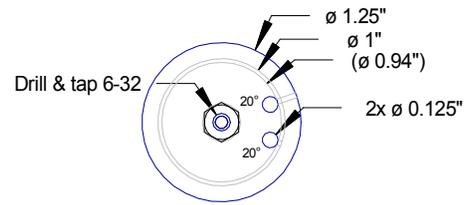
note: Tap holes after assembly.

SPACER-3



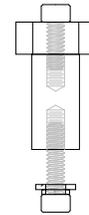
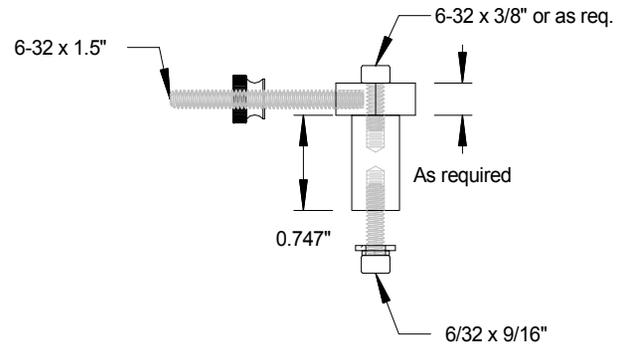
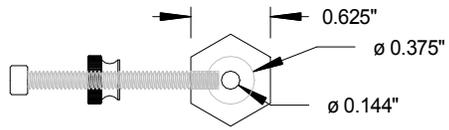
note: Tap holes
after assembly.

BOTTOM PLATES

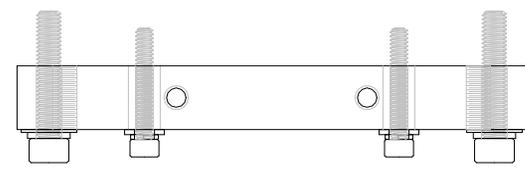
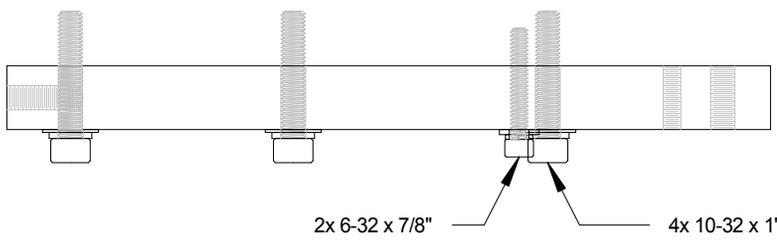
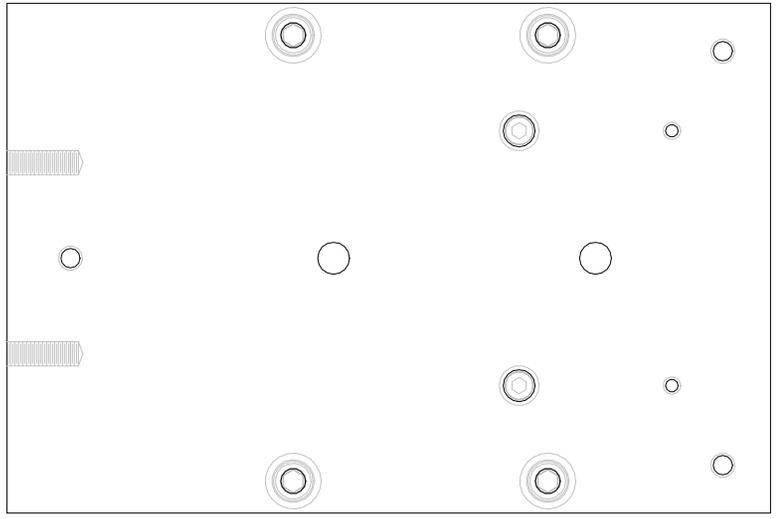


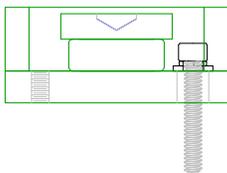
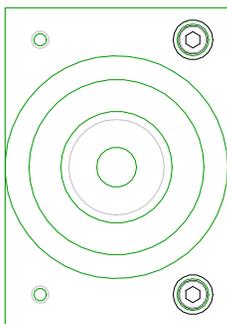
Coil: 550 turns #34 AWG
 44 Ohms
 500 turns?

COIL

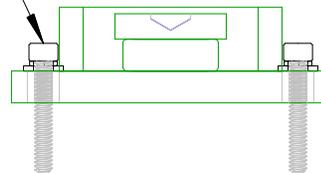


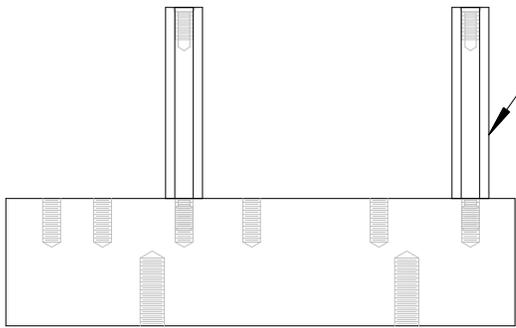
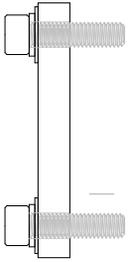
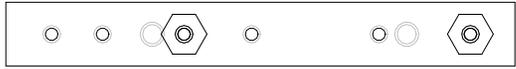
TRIM WEIGHT



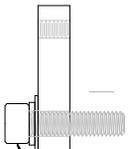


2 x 6-32 x 7/8"

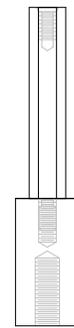
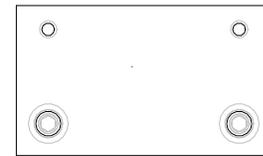
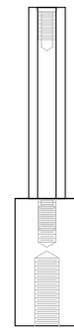


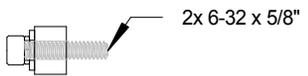
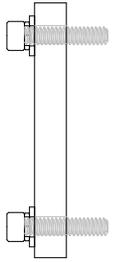


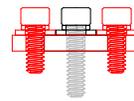
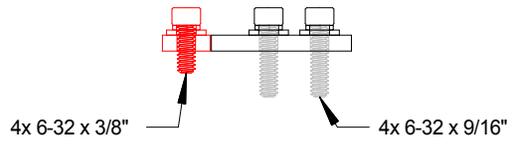
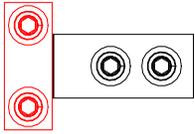
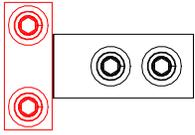
4x 6-32 x 1.5"

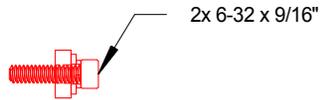
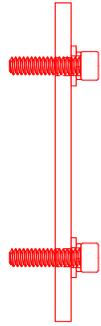


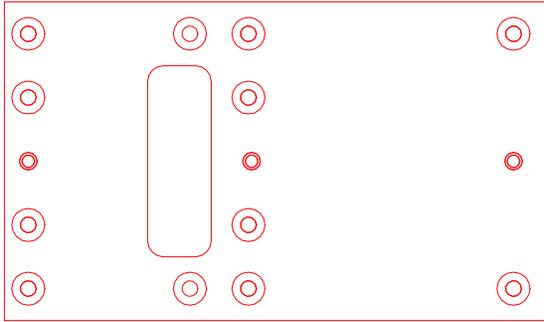
2x 10-32 x 3/4"











12x 1/8" x 7/16"

