

# LASER INTERFEROMETER GRAVITATIONAL WAVE OBSERVATORY

- LIGO -

CALIFORNIA INSTITUTE OF TECHNOLOGY  
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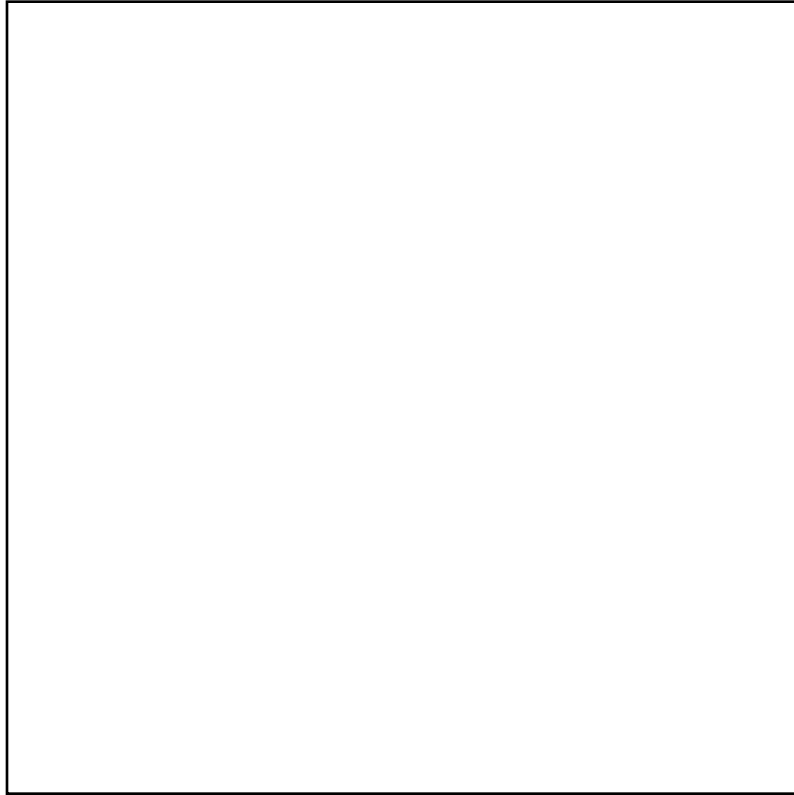
Document Type <b>Technical Note</b>	DCC Number <b>LIGO-D010251-00-R</b>	Date 30 <sup>th</sup> October 2001
<b>TAMA Seismic Attenuation System (SAS) tower</b>		
<b>Shipping Crate drawings</b>		
<b>Riccardo DeSalvo (LIGO)</b>		

Distribution of this draft: TBD  
This is an internal working note  
of the LIGO Project.

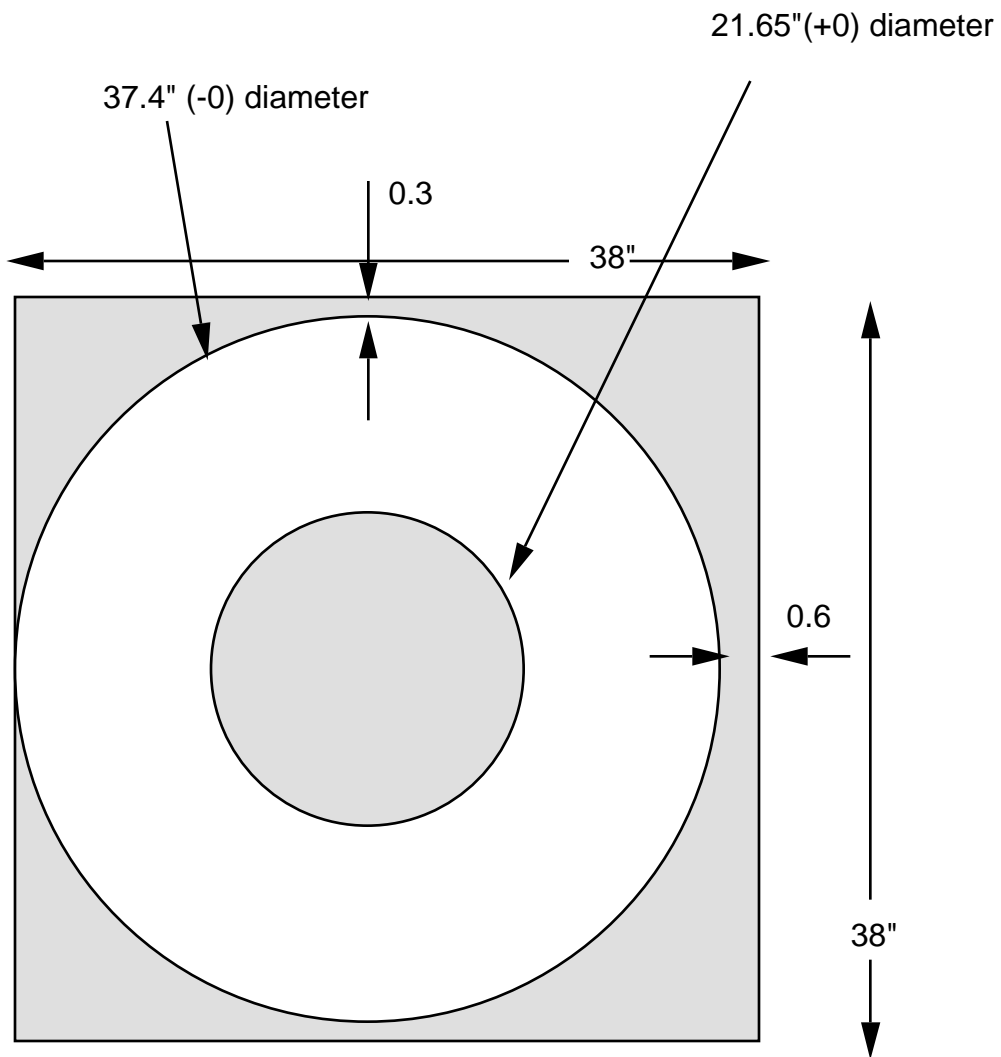
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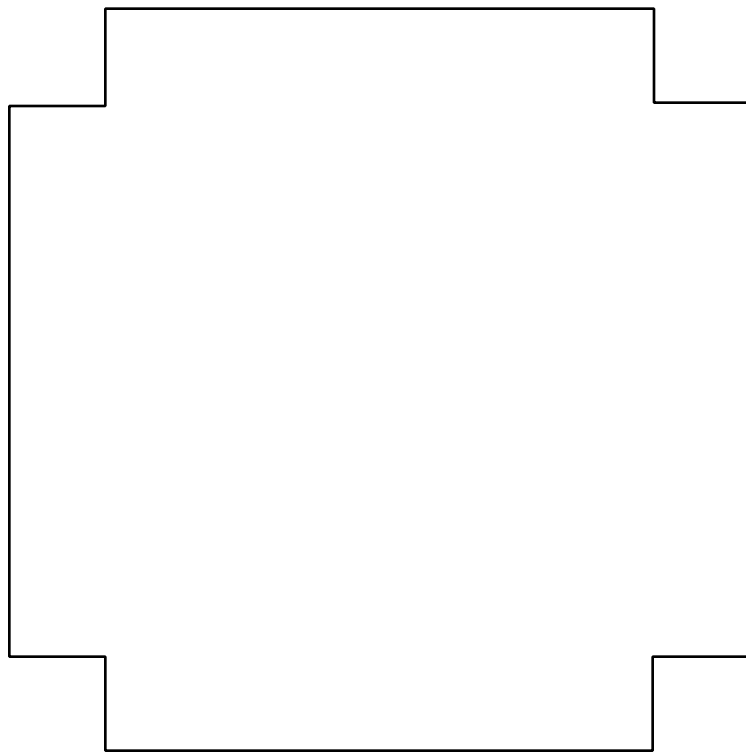


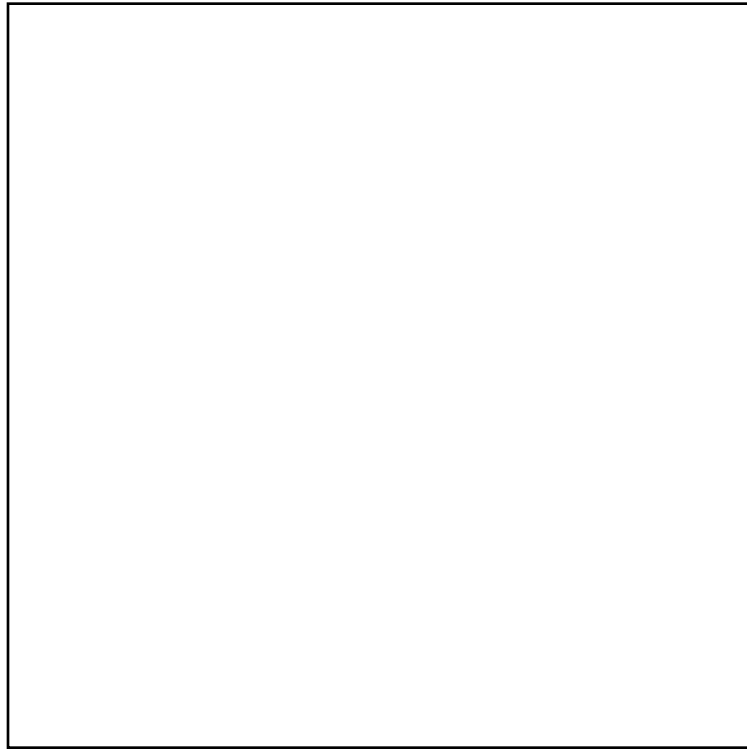
1 x 40 x 40 bottom and top plates 4 pieces



cutting plan for bottom positioning plates  
2 pieces 1 thick and 2 pieces 3/4 thick

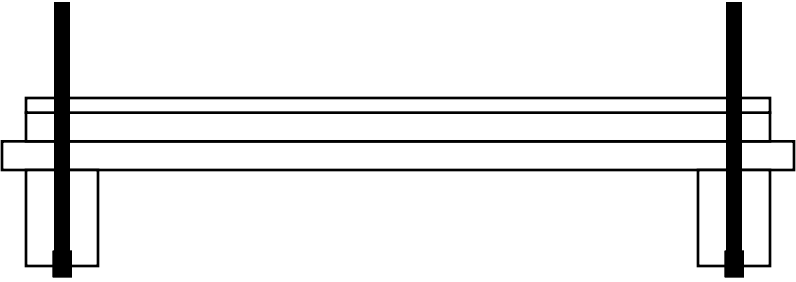
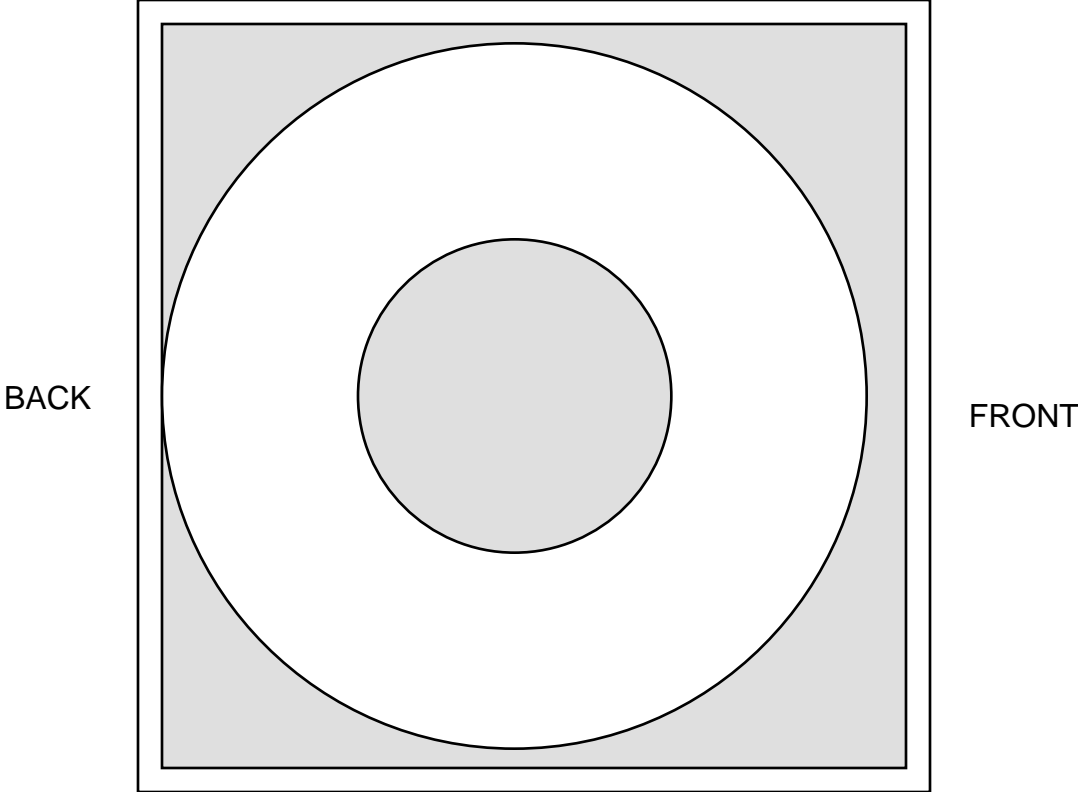
TOP COVER RETAINER CUTTING





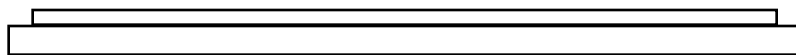
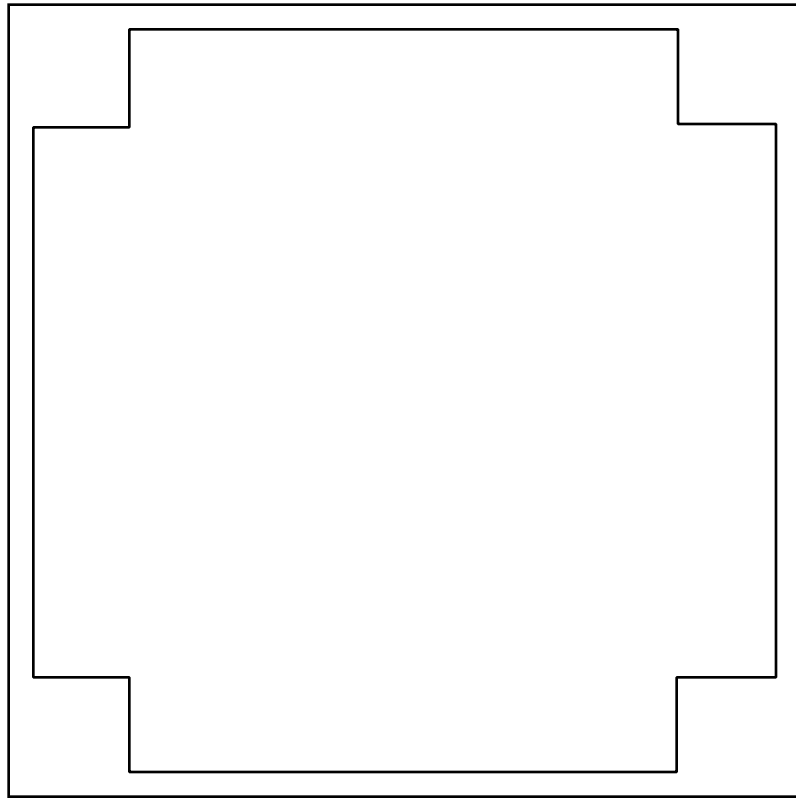
1 x 38 x 38 bottom positioning plates 2 pieces  
3/4 x 38 x 38 bottom positioning plates 2 pieces  
3/4 x 38 x 38 top retainer plates 2 pieces

BOTTOM ASSEMBLY

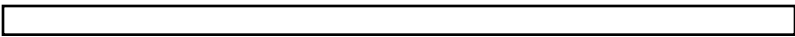
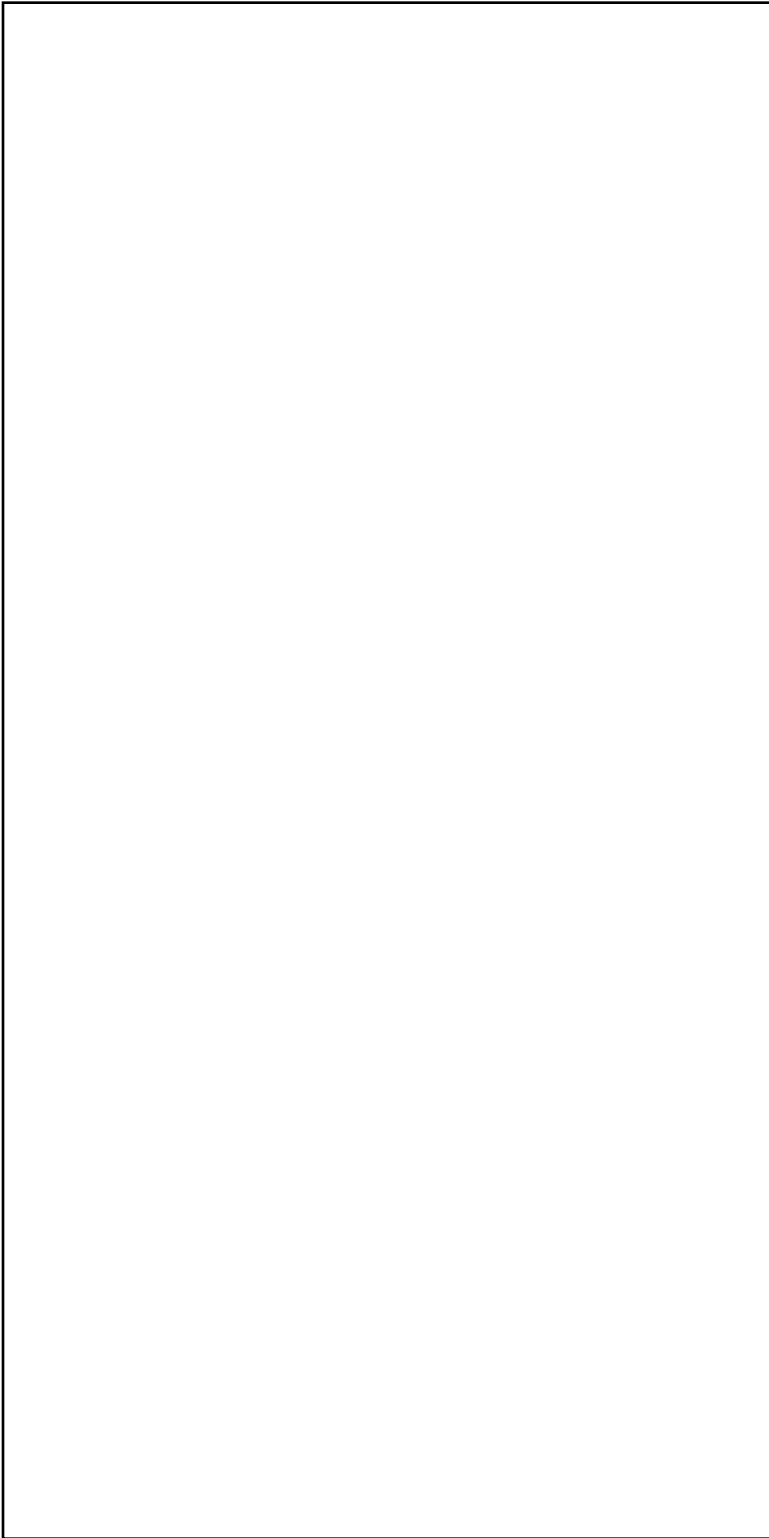


1/2-13 CARRIAGE BOLT  
SCREWED AND GLUED TOGETHER

TOP ASSEMBLY



SCREWED AND GLUED TOGETHER



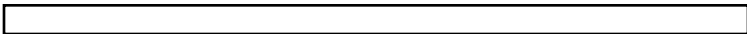
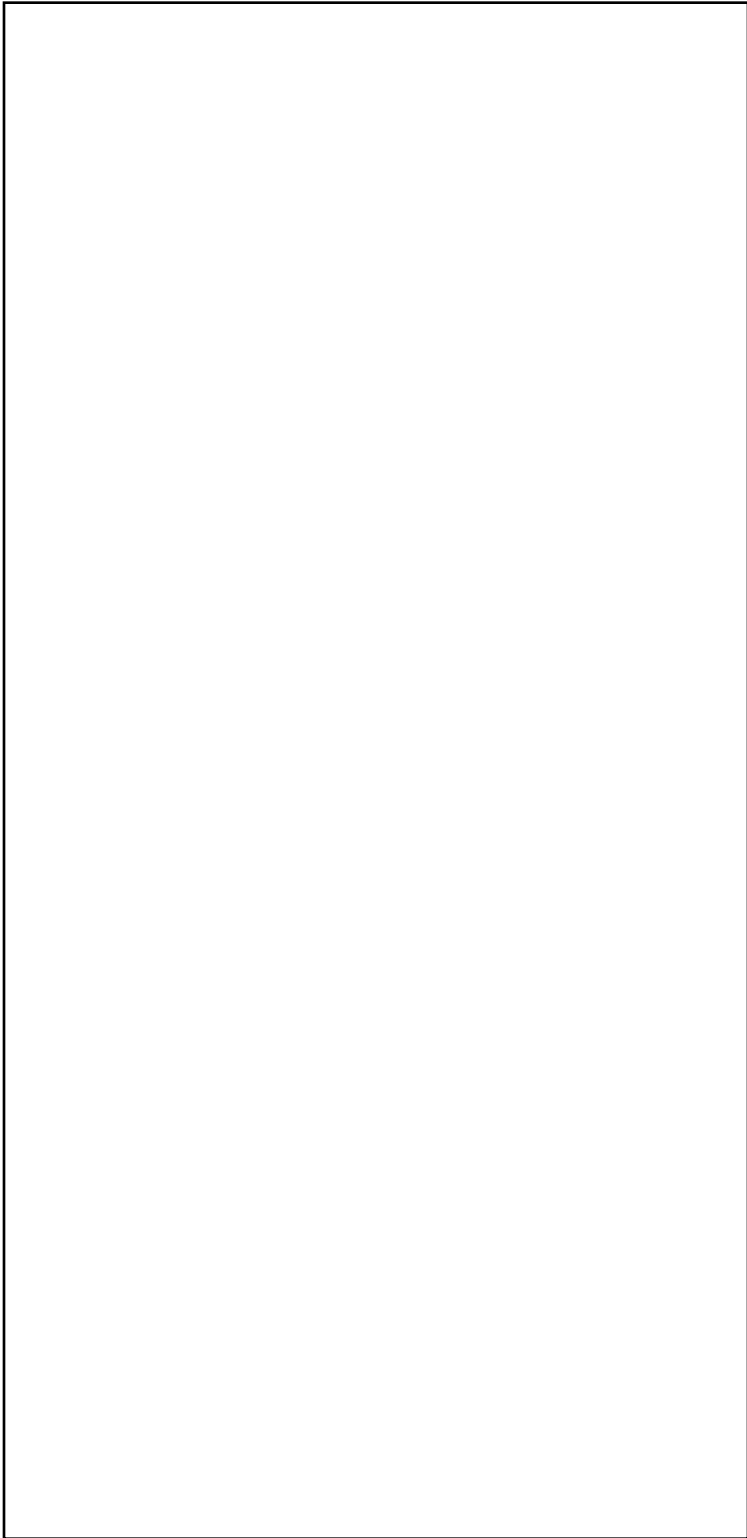
1 X 40 X 80  
FRONT AND BACK PLATES  
4 PIECES



BACK PANEL ASSEMBLY

SCREWED AND GLUED TOGETHER

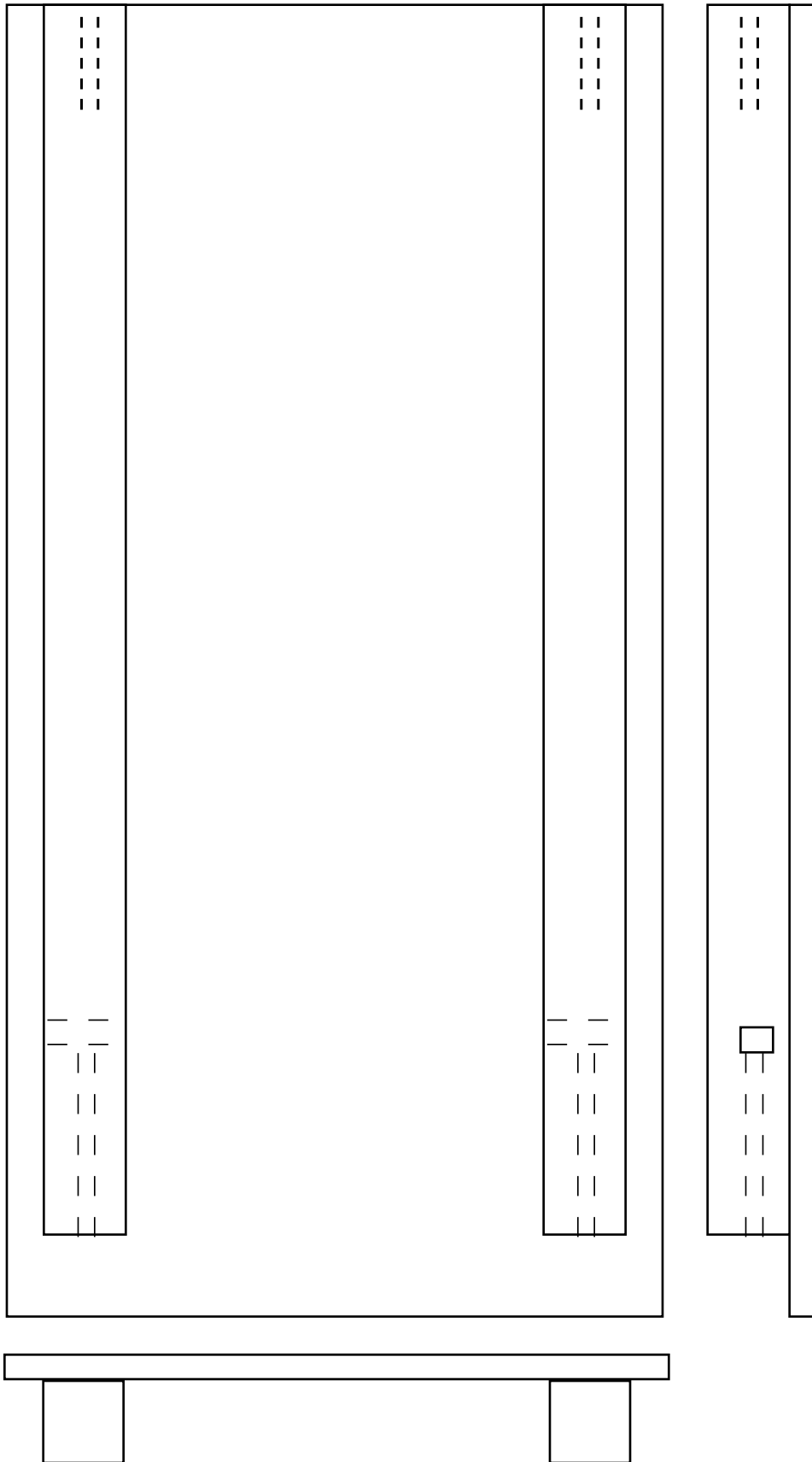




1 X 38 X 80  
SIDE PLATES  
4 PIECES

FRONT PANEL ASSEMBLY

SCREWED AND GLUED TOGETHER

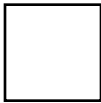


1/2-13  
THREADED  
INSERTS

NUT LOCKING  
ACCESS  
ON THE SIDES



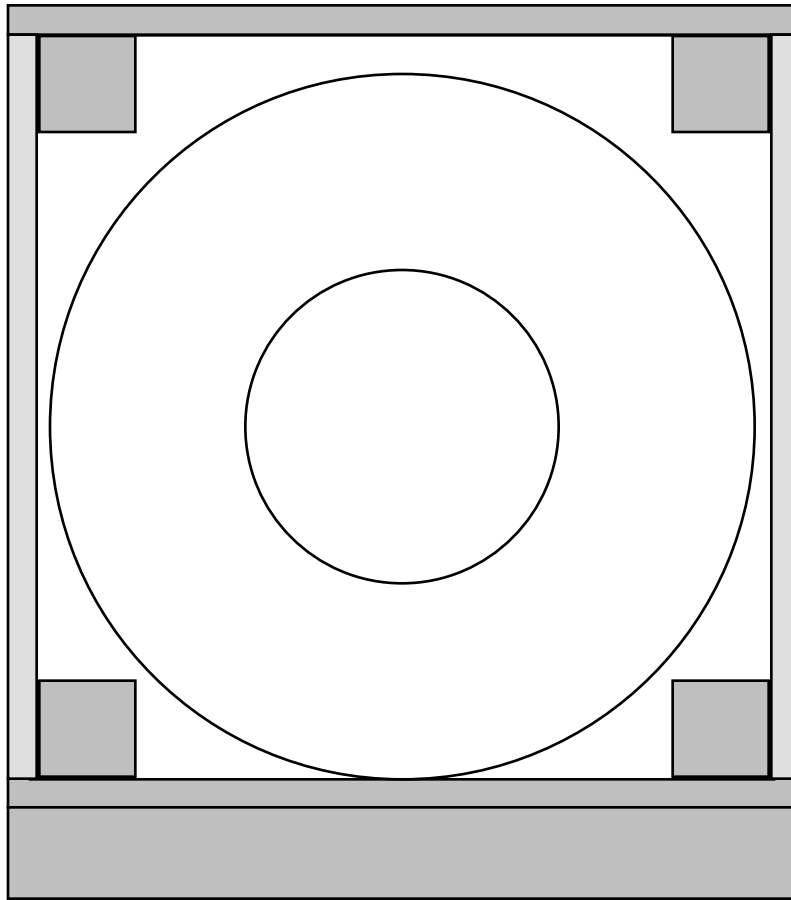
4 x 6 x 20  
pallet feet  
10 pieces



3-1/2 X 3-1/2 X 78-1/2  
PLANED  
8 PIECES

TOP VIEW OPEN CRATE

FRONT PANEL



BACK PANEL