

New Accu-Trac Enclosure (UE5100D)

After many requests, the UE5100 One-Piece Reader Enclosure has been changed to:

1. Accommodate custom mounting solutions.
2. Widen the “tunnel” opening to accommodate trip pins, etc.
3. Provide for interchange with older readers

By removing the welded mounting brackets, the tunnel width could be increased without increasing the outside dimensions. Four weld-nuts are provided for mounting purposes.

These weld-nuts will accept a $\frac{1}{4}$ -20 x $\frac{1}{2}$ ” machine screw with a lock washer.



Two brackets, each with two sets of mounting holes are provided, along with $\frac{1}{4}$ -20 x $\frac{1}{2}$ ” hex head screws.

The brackets are designed such that they can be used at either end. There is no such thing as a right-hand or left-hand bracket.

Do not use screws that are longer than $\frac{1}{2}$ ”; they will interfere with the electronics in the enclosure.



By mounting the brackets using the lower set of holes, the form factor of the new reader exactly matches the form factor of the original readers and can be used as an exact replacement.

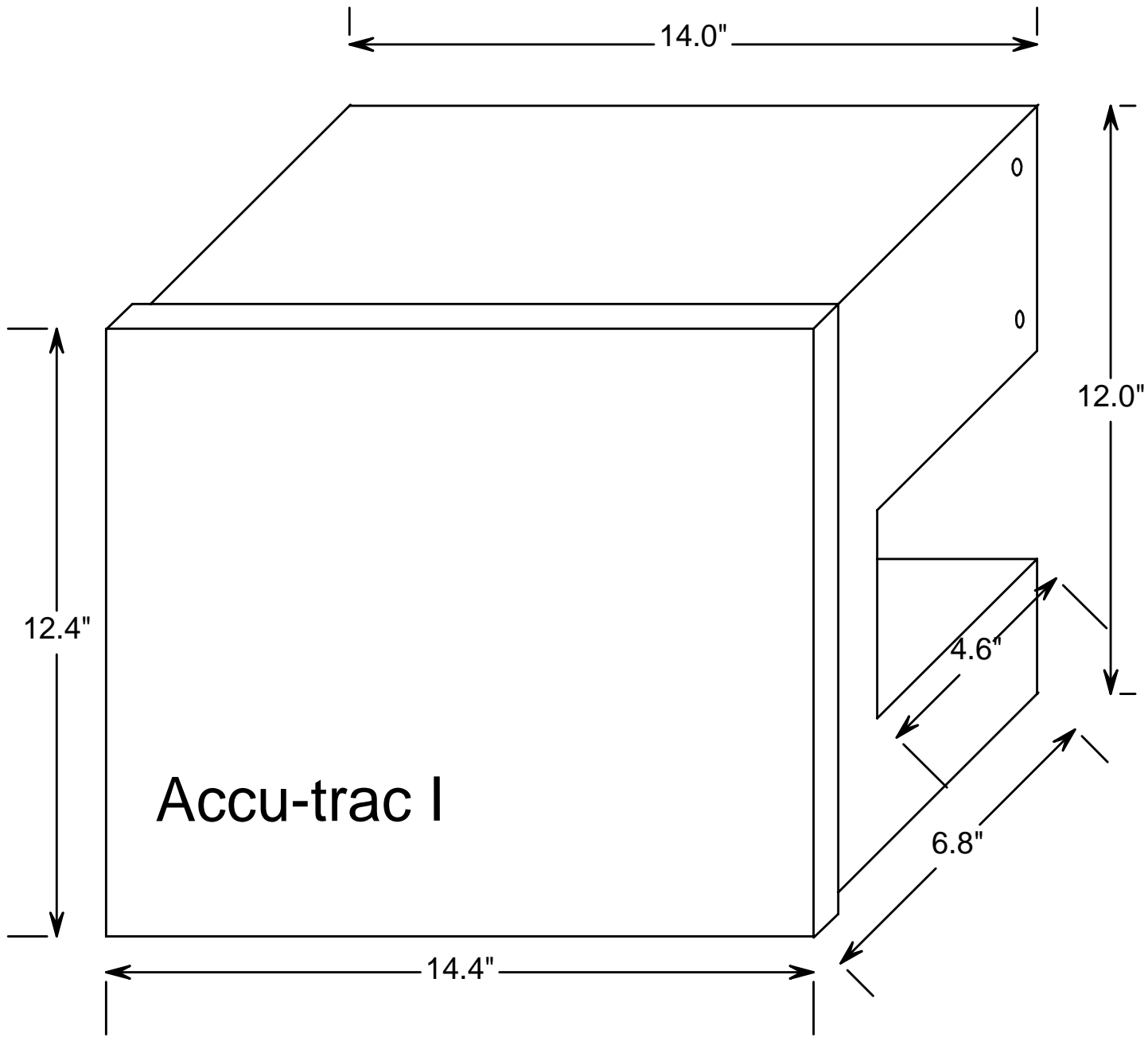
In this case, the “tunnel” width is the same as the original readers. Readers are shipped with the brackets mounted in this position.



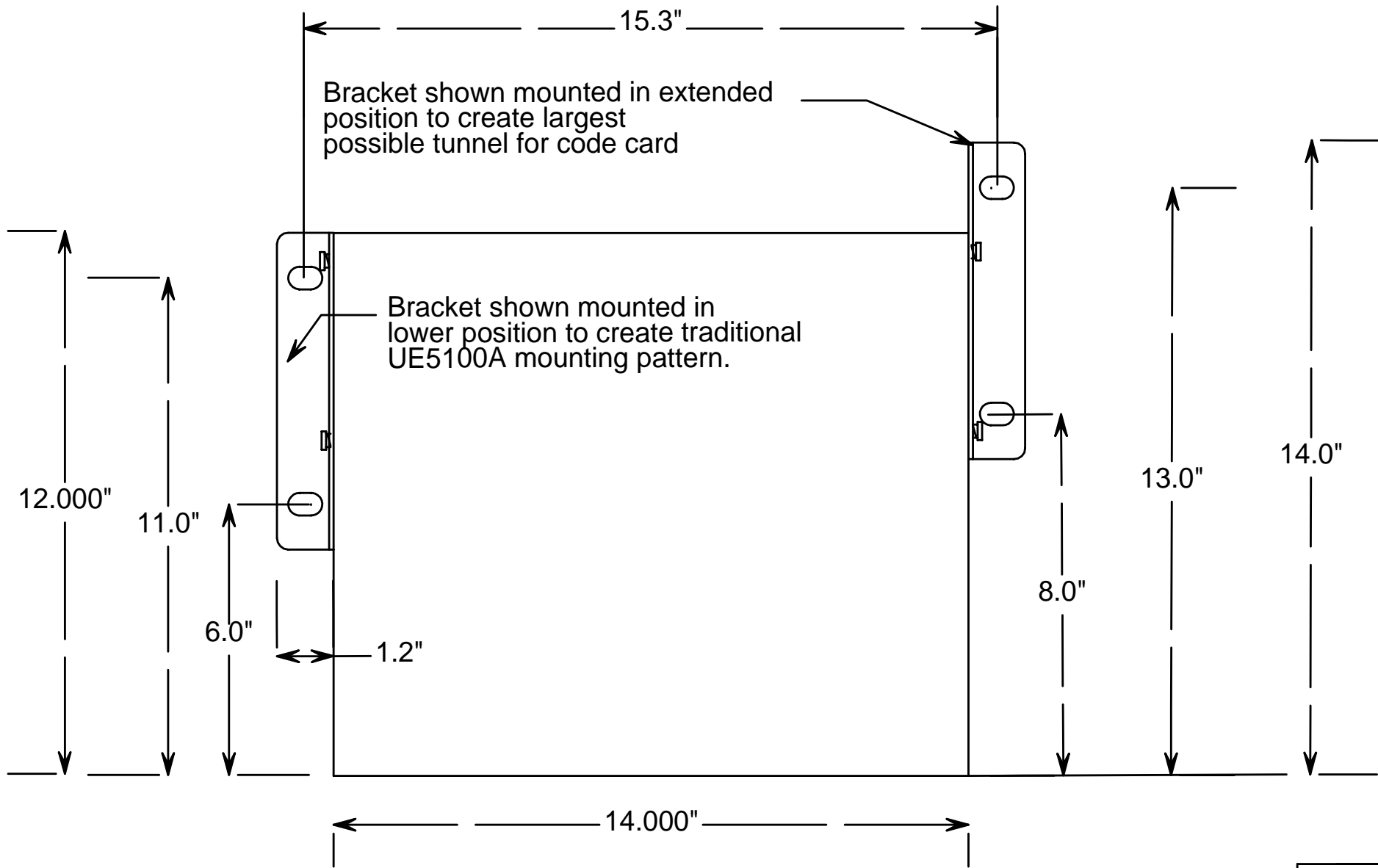
By mounting the brackets using the upper set of holes, the tunnel width is approximately doubled, allowing for more flexibility in what passes through the reader along with the code cards.



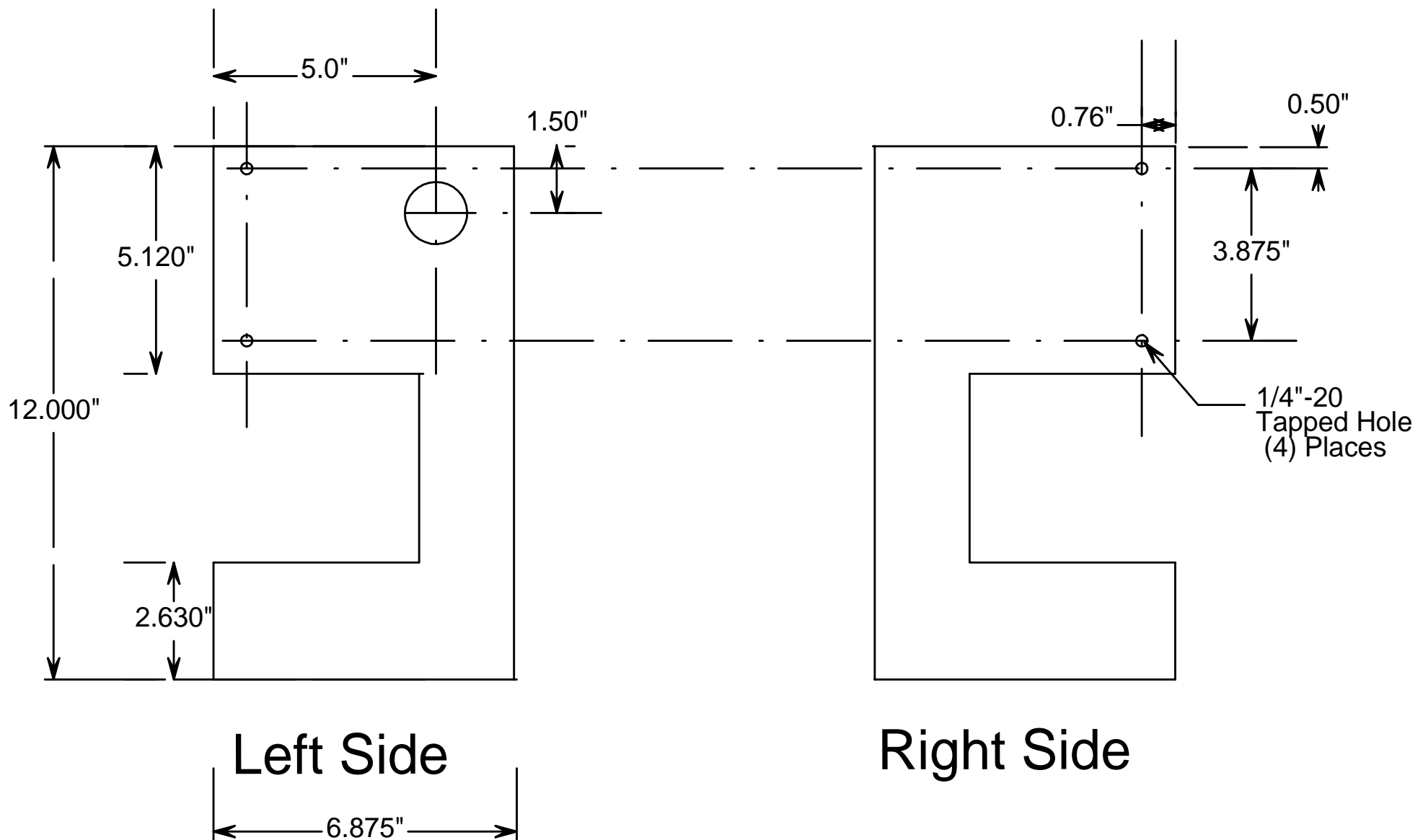
The remainder of the document consists of mechanical drawings showing the dimensions of the new reader.



UE5100D Enclosure Overall Isometric View Of Enclosure w/o Mounting Brackets			
DRAWN: T. Tavel	DATE: 3-22-2005		
DESIGNED: -	SCALE: 1" = 1"		
CHECKED: -	JOB NO.:	DWG. NO.:	5011D-04-1
APPROVED: -			



UE5100D Reader Overall Front View Showing Mounting Brackets in Both Positions			
DRAWN: T. Tavel	DATE: 3-22-2005		
DESIGNED: -	SCALE: 1" = 1"		
CHECKED: -	JOB NO.:	DWG. NO.:	
APPROVED: -		5011D-04-2	



UE5100D Reader Side Views W/O Mounting Brackets			
DRAWN: T. Tavel	DATE: 3-22-2005		
DESIGNED: -	SCALE: 1" = 1"		
CHECKED: -	JOB NO.:	DWG. NO.:	
APPROVED: -		5011D-04-2	