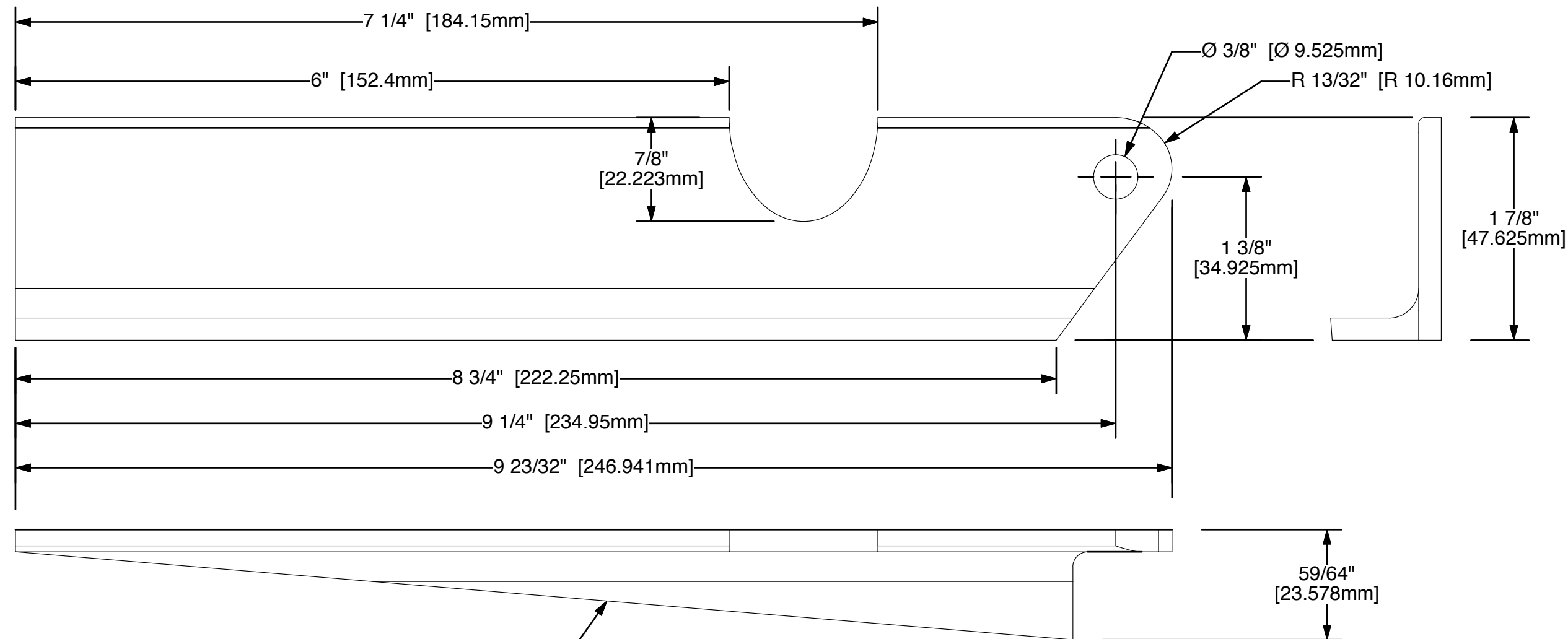
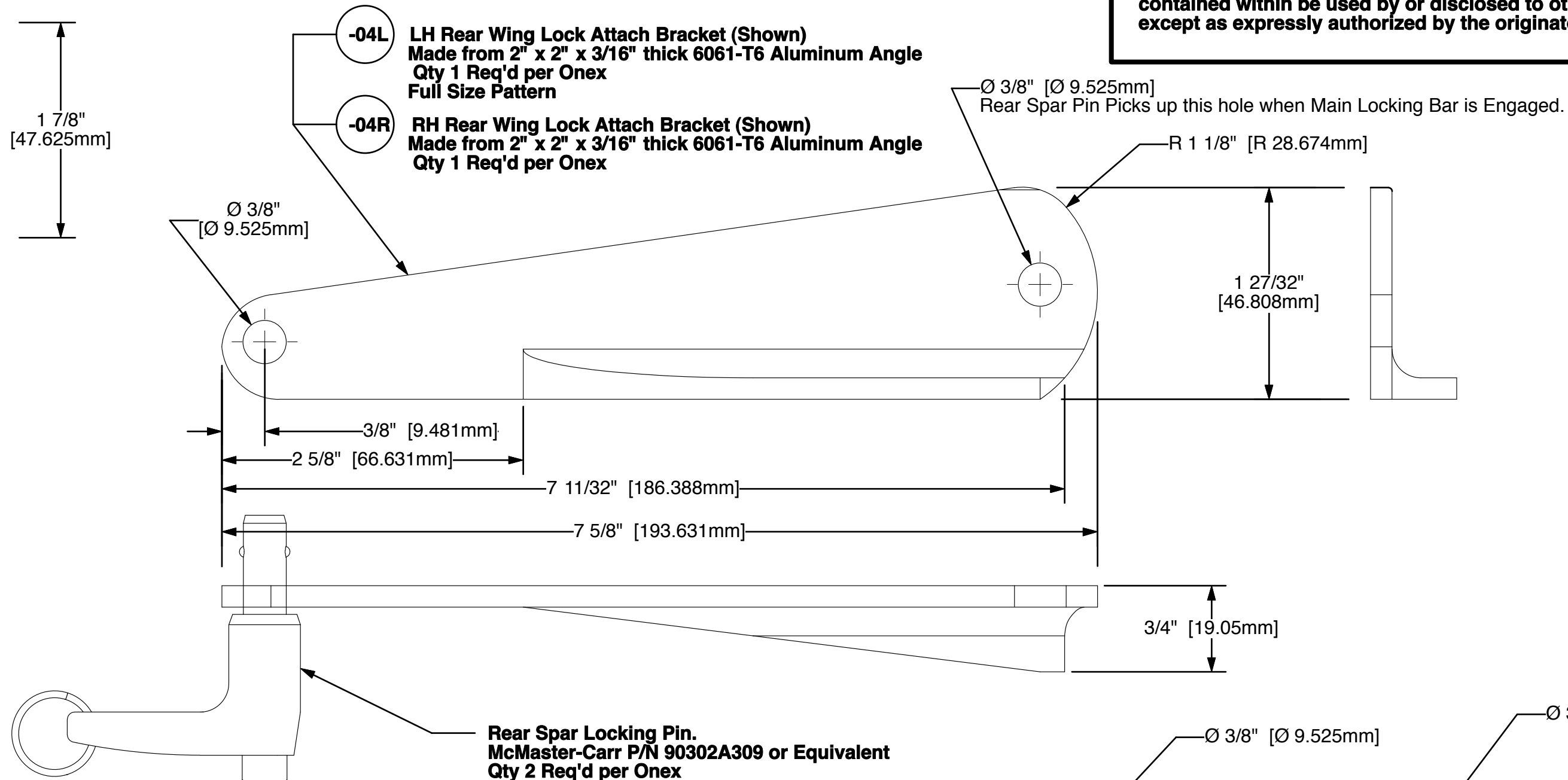


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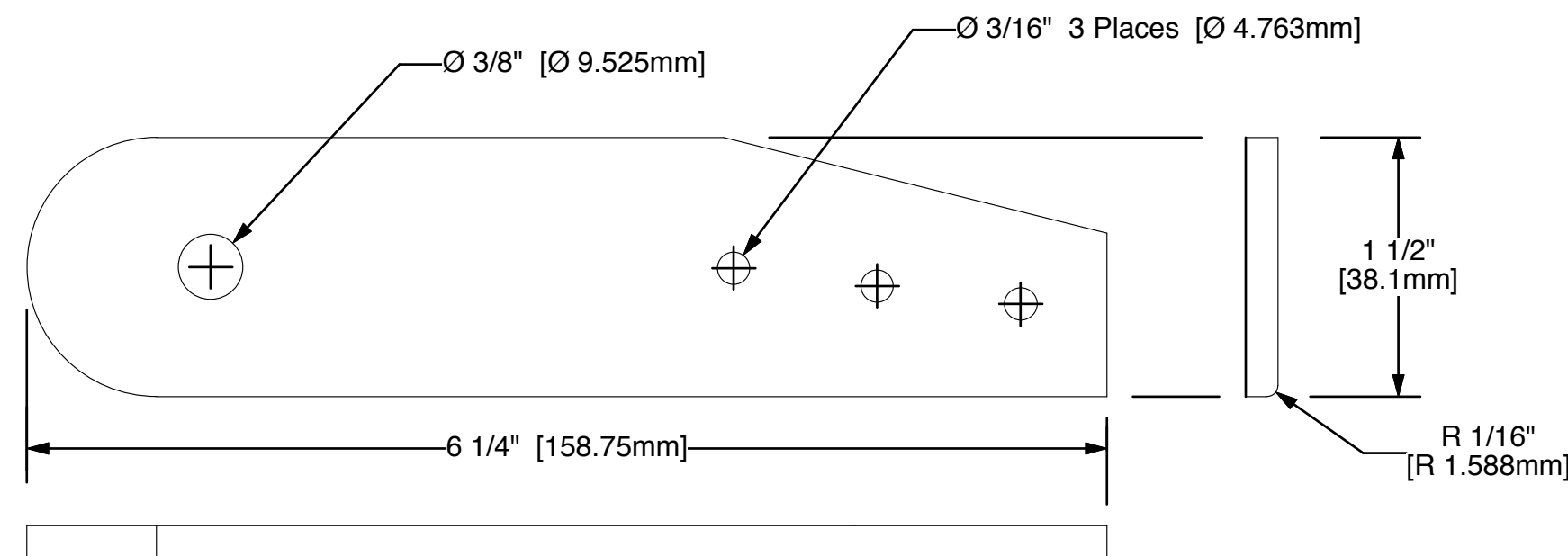
Revision Letter	Change Description



- 02L LH Main Wing Lock Attach Bracket (Shown)**  
Made from 2" x 2" x 3/16" thick 6061-T6 Aluminum Angle  
Qty 2 Req'd per Onex  
Full Size Pattern
- 02R RH Main Wing Lock Attach Bracket (Shown)**  
Made from 2" x 2" x 3/16" thick 6061-T6 Aluminum Angle  
Qty 2 Req'd per Onex

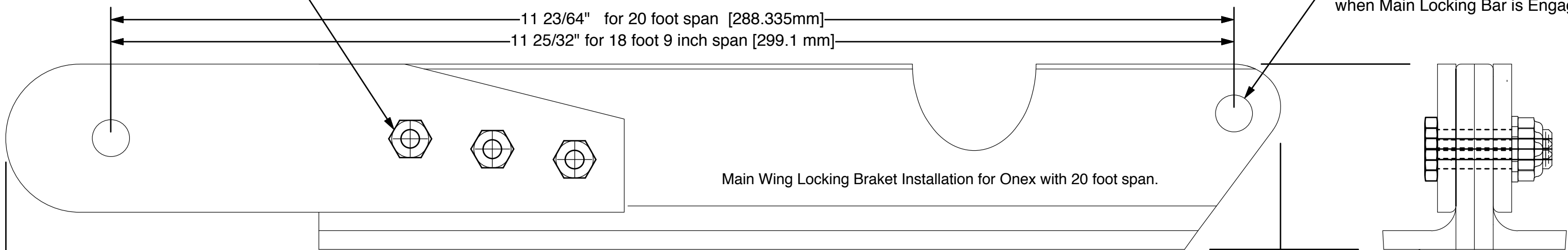


**Rear Spar Locking Pin.**  
McMaster-Carr P/N 90302A309 or Equivalent  
Qty 2 Req'd per Onex



- 03L Main Wing Lock Extension (Shown)**  
Made from 3/16" thick 6061-T6 Aluminum  
Qty 2 Req'd per Onex  
Full Size Pattern
- 03R Main Wing Lock Extension (Shown)**  
Made from 3/16" thick 6061-T6 Aluminum  
Qty 2 Req'd per Onex

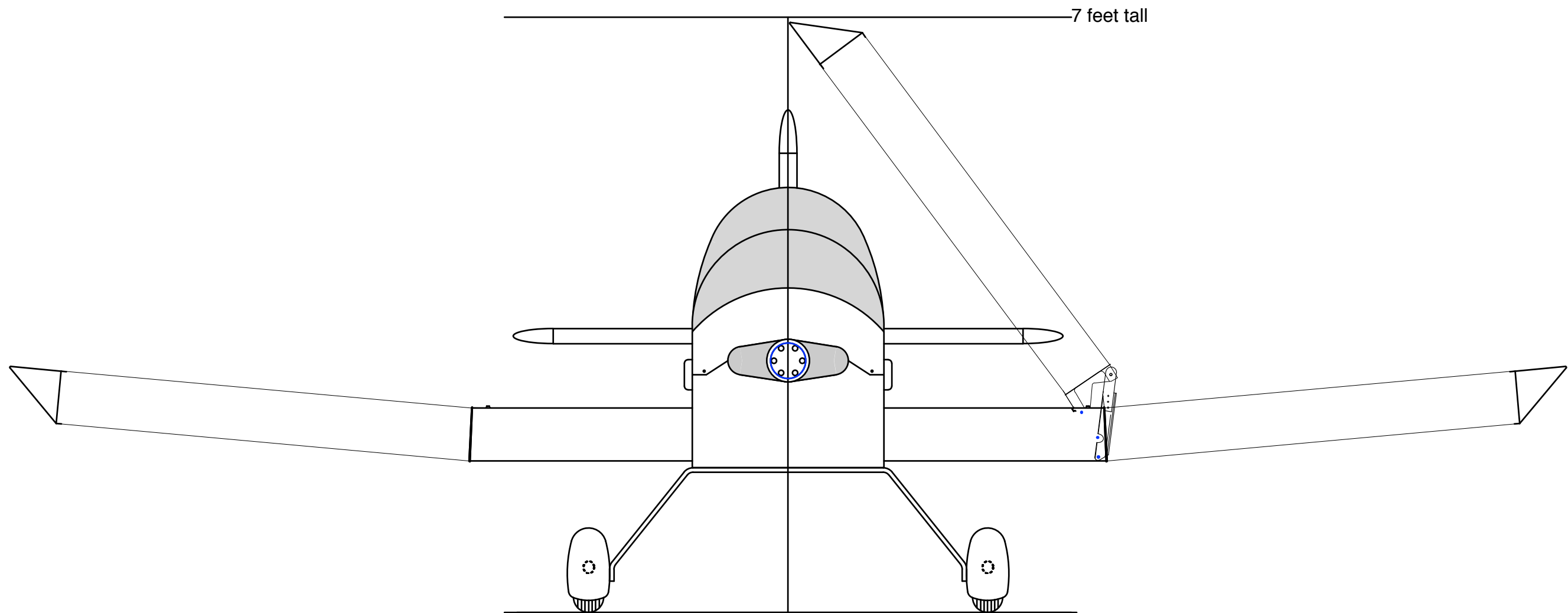
AN3-11A Bolt, 3 Req'd on -01  
AN960-10 Washer, 3 Required on -01  
AN365-1032A Elastic Stop Nut, 3 Req'd on -01  
Locate per holes in -03 Extension



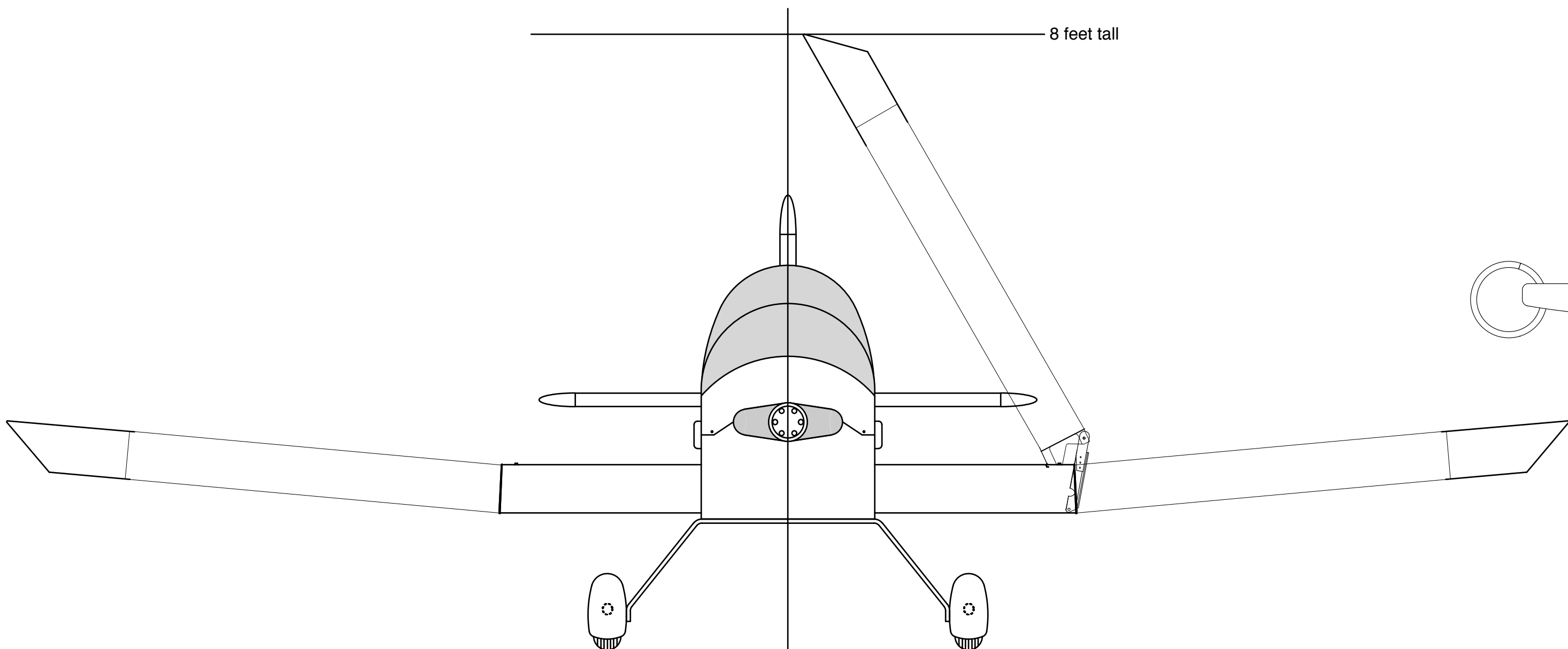
**-01 Main Wing Lock Bracket Assembly**  
Qty 2 Req'd per Onex  
Full Size Pattern

**Main Spar Locking Pin.**  
McMaster-Carr P/N 90302A311 or Equivalent  
Qty 2 Req'd per Onex

Note: Wing Attach Brackets should only be used for short trips and/or to keep wings secured in the up position. Sonex recommends the outboard wing panel be removed for longer trips.



Main Wing Locking Braket Installation for Onex with 18 foot 9 inch span.



Main Wing Locking Braket Installation for Onex with 20 foot span.

Note: General Construction Order

- 1) Fabricate -02R/L, -03R/L, and -04R/L
- 2) Fold outboard wing panels up and install -02R/L back-to-back with main wing pin engaged on your Onex.
- 3) Install -03R/L Extensions through the outboard Wing Panel Hole using the Main Spar Locking Pin.
- 4) Clamp -03R/L Extensions to -02R/L Brackets. Remove and Drill the 3/16" Bolt holes through the -02R/L Brackets to create your custom -01 Main Wing Lock Bracket Assembly that minimizes the height of your wings in the folded position.

Dash Number	Quantity Required	Part Title	Next Assembly
<b>onex</b>			
<b>Optional Wing Locks</b>			
Drawing Scale	Drawing Number	Revision	
Full	ONX-B05	N/C	