

A front 1

B front 2

C front 3

D back

side 1

1

2

3

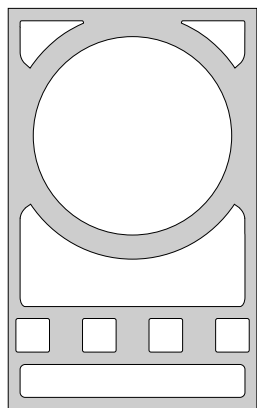
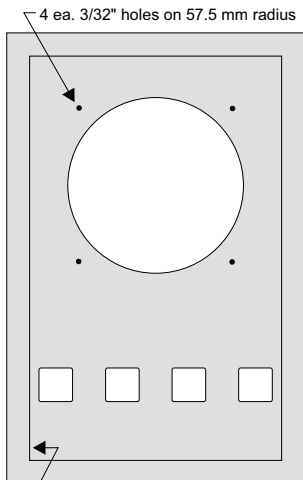
4

1

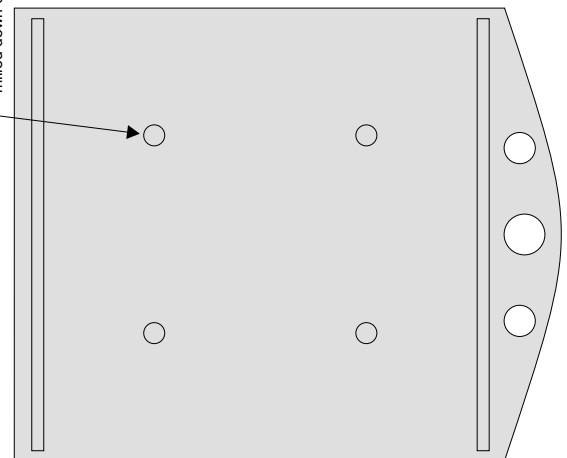
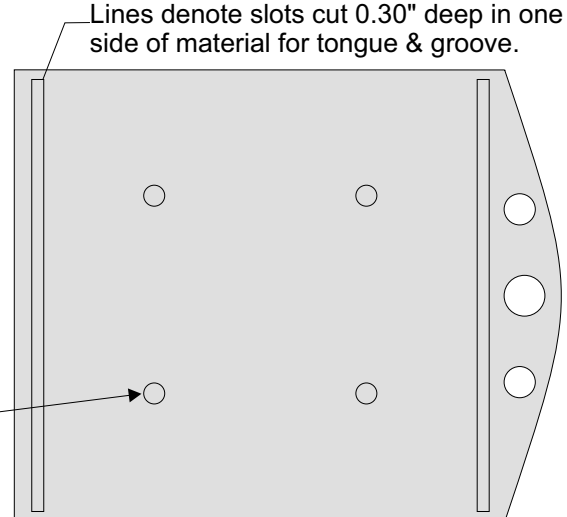
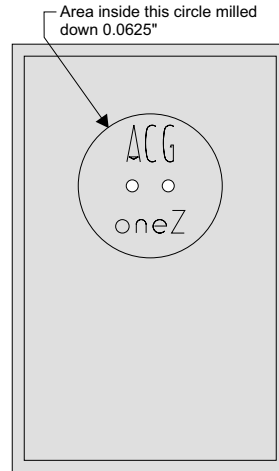
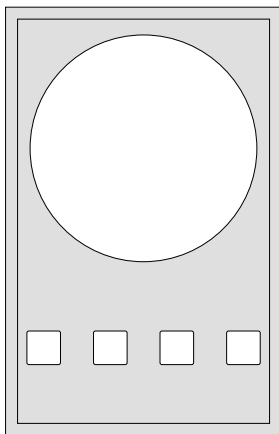
2

3

4

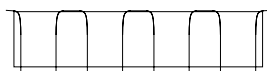


Front 2 is milled from 3/4" material. All other parts cut from 1/2" material.



top view

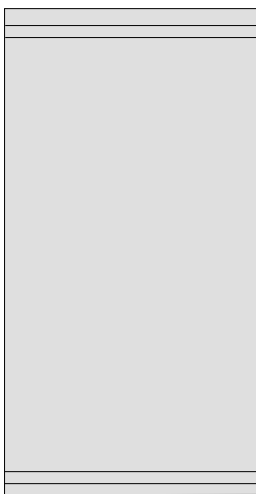
showing port channels cut into manifold block - 2ea required



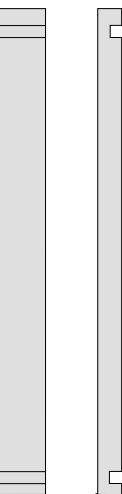
end view shows manifold assembled from 2 ea. machined manifold blocks



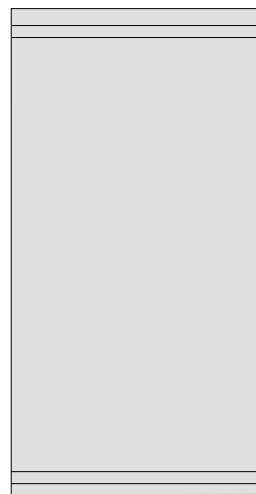
port manifold



top



side views



bottom

side 2

Drivers - Fostex FE107E, FE103E, FW108N, F120A  
 Number of drivers - 1  
 Box type - Vented 5.25x9.5x8.5" inner dimensions  
 Box size - 6.0 liters 0.21 cubic feet  
 Tuning frequency - 85.00 Hz  
 Vents 4 each 0.7 x 0.7 x 2.9"

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Design changes from oneZ rev. 7.x

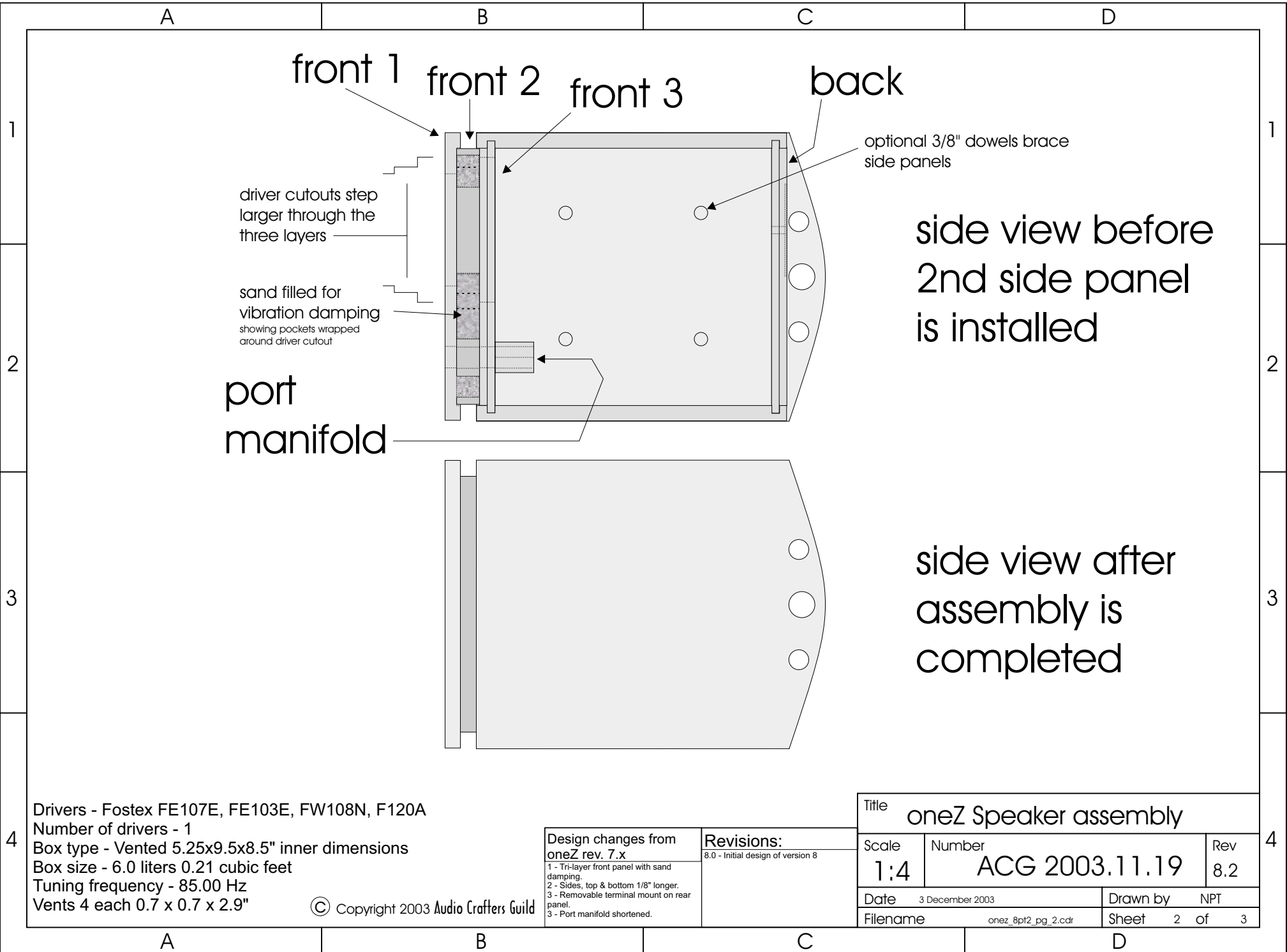
- 1 - Tri-layer front panel with sand damping.
- 2 - Sides, top & bottom 1/8" longer.
- 3 - Removable terminal mount on rear panel.
- 3 - Port manifold shortened.

Revisions:

- 8.0 - Initial design of version 8
- 8.1 - Refine design with cross braces option.
- 8.2 - Simplify rear panel design.

Title oneZ Speaker design 8

Scale 1:4	Number ACG 2003.11.18	Rev 8.2
Date 3 December 2003	Drawn by NPT	
Filename onez_8pf2.cdr	Sheet 1 of	3



side view before  
2nd side panel  
is installed

side view after  
assembly is  
completed

Drivers - Fostex FE107E, FE103E, FW108N, F120A  
 Number of drivers - 1  
 Box type - Vented 5.25x9.5x8.5" inner dimensions  
 Box size - 6.0 liters 0.21 cubic feet  
 Tuning frequency - 85.00 Hz  
 Vents 4 each 0.7 x 0.7 x 2.9"

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**Design changes from oneZ rev. 7.x**  
 1 - Tri-layer front panel with sand damping.  
 2 - Sides, top & bottom 1/8" longer.  
 3 - Removable terminal mount on rear panel.  
 3 - Port manifold shortened.

**Revisions:**  
 8.0 - Initial design of version 8

Title oneZ Speaker assembly			
Scale 1:4	Number ACG 2003.11.19	Rev 8.2	
Date 3 December 2003	Drawn by NPT		
Filename onez_8pf2_pg_2.cdr	Sheet 2 of 3		

A

B

C

D

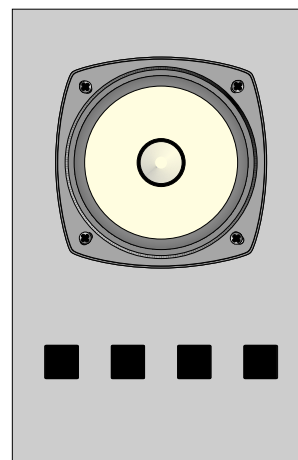
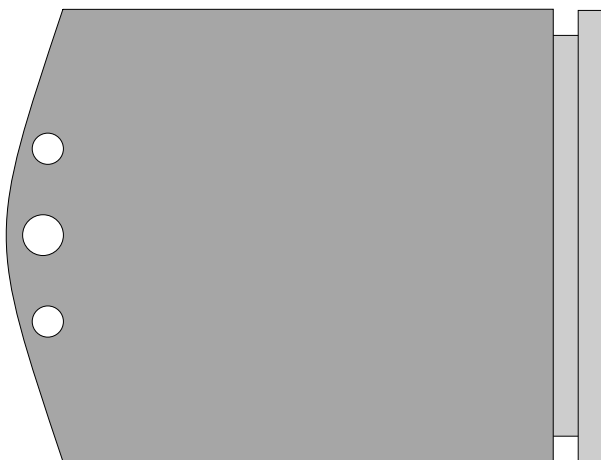
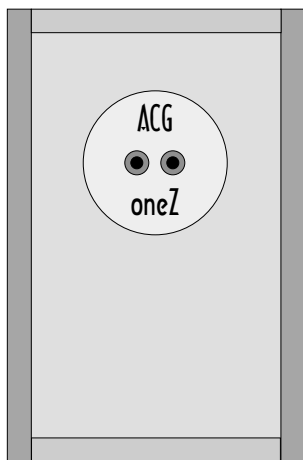
1

1

back

side

front

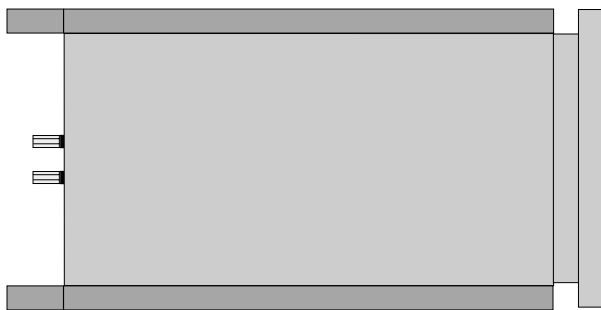


2

2

3

3



top

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4

4

<b>Revisions:</b>
1.0 - Tongue & groove version completed assembly 4 views.
7.2 - Prototypes
8.2 - Production revisions.

Title <b>oneZ v8.2 Assembled</b>			
Scale <b>1:4</b>	Number <b>ACG 2003.9.19</b>	Rev <b>8.2</b>	
Date 5 December 2003	Drawn by NPT		
Filename onez_8pt2_completed.cdr	Sheet 3 of 3		

A

B

C

D