

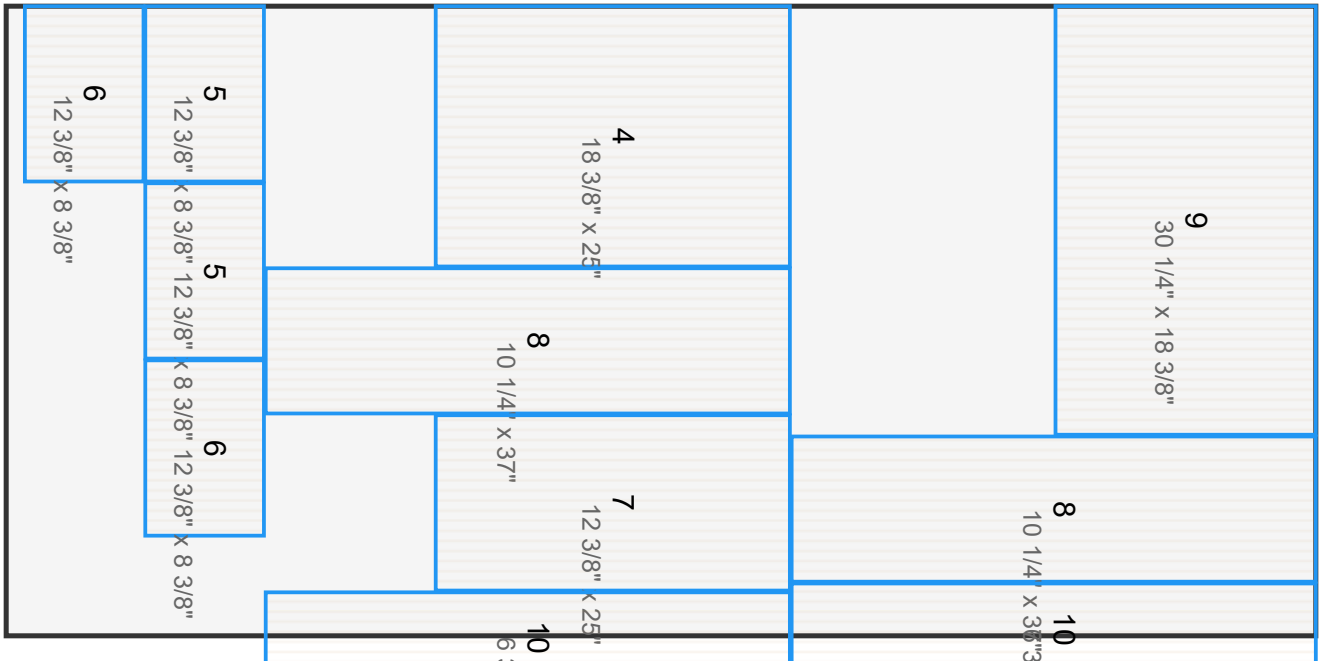
Panel Optimization Report

Customer: Paul Revere
Job: N/A
Door Style: 231

Date: 2025-09-08
Phone: 555-1776
Total Panels: 18

Sheet 1 of 2

Material: Paint Grade MDF | **Size:** 48.0" x 96.0" | **Panels:** 11 | **Efficiency:** 64.4%



Cutting Instructions

- Panel 9 - Cabinet #9 (30 1/4" x 18 3/8")
1. Cross-cut at 30 3/8" from left edge
- Panel 8 - Cabinet #8 (10 1/4" x 37")
2. Cross-cut at 40 3/4" from left edge
- Panel 10 - Cabinet #10 (6 3/8" x 37")
3. Rip at 37 1/8" from bottom edge
- Panel 4 - Cabinet #4 (18 3/8" x 25")
4. Cross-cut at 18 1/2" from left edge
- Panel 8 - Cabinet #8 (10 1/4" x 37")
5. Cross-cut at 28 7/8" from left edge
- Panel 7 - Cabinet #7 (12 3/8" x 25")
6. Cross-cut at 41 3/8" from left edge

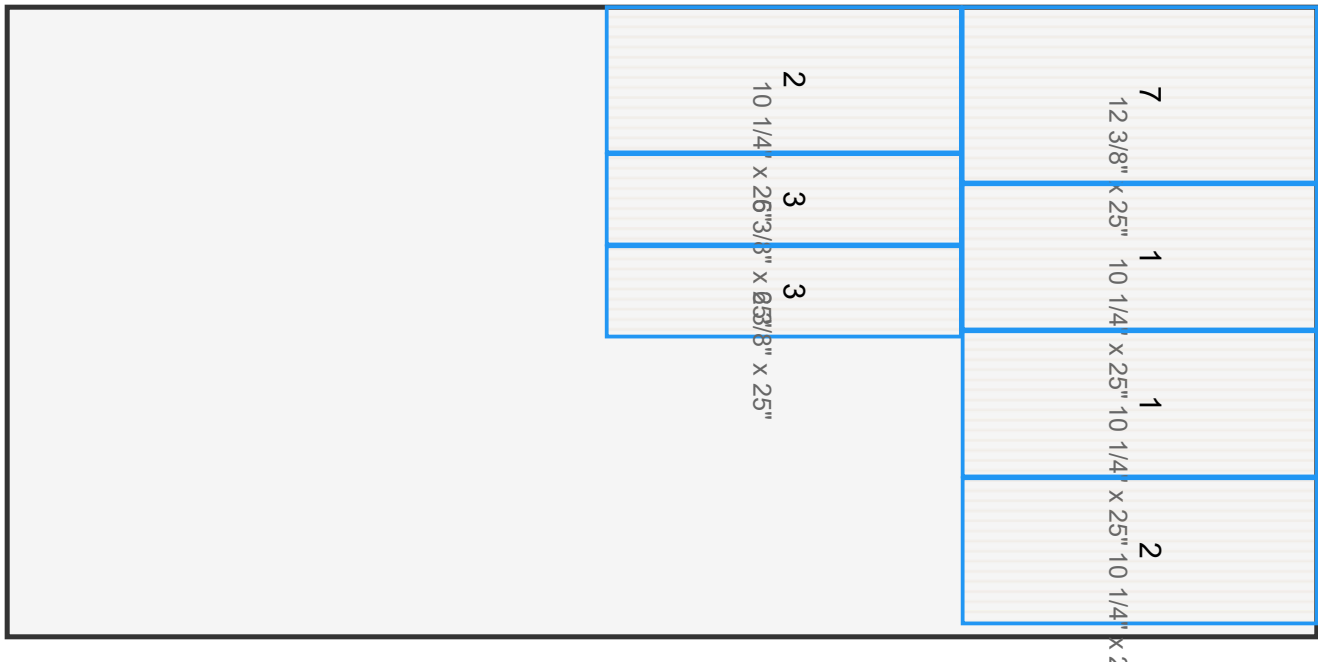
13. → Panel 10 - Cabinet #10 (6 3/8" x 37")
14. 7. Rip at 74 1/4" from bottom edge
15. → Panel 5 - Cabinet #5 (12 3/8" x 8 3/8")
16. 8. Cross-cut at 12 1/2" from left edge
17. → Panel 5 - Cabinet #5 (12 3/8" x 8 3/8")
18. 9. Cross-cut at 25" from left edge
19. → Panel 6 - Cabinet #6 (12 3/8" x 8 3/8")
20. 10. Rip at 82 3/4" from bottom edge
21. → Panel 6 - Cabinet #6 (12 3/8" x 8 3/8")
22. Usable waste: Approximately 40 1/2" square
23. (Save for drawer bottoms or test pieces)

Panels on this Sheet:

- Cabinet 9: 30 1/4" x 18 3/8" (vertical)
- Cabinet 8: 10 1/4" x 37" (vertical)
- Cabinet 10: 6 3/8" x 37" (vertical)
- Cabinet 4: 18 3/8" x 25" (vertical)
- Cabinet 8: 10 1/4" x 37" (vertical)
- Cabinet 7: 12 3/8" x 25" (vertical)
- Cabinet 10: 6 3/8" x 37" (vertical)
- Cabinet 5: 12 3/8" x 8 3/8" (vertical)
- Cabinet 5: 12 3/8" x 8 3/8" (vertical)
- Cabinet 6: 12 3/8" x 8 3/8" (vertical)
- Cabinet 6: 12 3/8" x 8 3/8" (vertical)

Sheet 2 of 2

Material: Paint Grade MDF | **Size:** 48.0" x 96.0" | **Panels:** 7 | **Efficiency:** 35.9%



Cutting Instructions

1. → Panel 7 - Cabinet #7 (12 3/8" x 25")
2. 1. Cross-cut at 12 1/2" from left edge
3. → Panel 1 - Cabinet #1 (10 1/4" x 25")
4. 2. Cross-cut at 22 7/8" from left edge
5. → Panel 1 - Cabinet #1 (10 1/4" x 25")
6. 3. Cross-cut at 33 1/4" from left edge
7. → Panel 2 - Cabinet #2 (10 1/4" x 25")
8. 4. Rip at 25 1/8" from bottom edge
9. → Panel 2 - Cabinet #2 (10 1/4" x 25")
10. 5. Cross-cut at 10 3/8" from left edge
11. → Panel 3 - Cabinet #3 (6 3/8" x 25")
12. 6. Cross-cut at 16 7/8" from left edge
13. → Panel 3 - Cabinet #3 (6 3/8" x 25")
14. Usable waste: Approximately 54 3/8" square
15. (Save for drawer bottoms or test pieces)

Panels on this Sheet:

Cabinet 7: 12 3/8" x 25" (vertical)

Cabinet 1: 10 1/4" x 25" (vertical)

Cabinet 1: 10 1/4" x 25" (vertical)

Cabinet 2: 10 1/4" x 25" (vertical)

Cabinet 2: 10 1/4" x 25" (vertical)

Cabinet 3: 6 3/8" x 25" (vertical)

Cabinet 3: 6 3/8" x 25" (vertical)

Summary

Total Sheets Required:

- Paint Grade MDF: 2 sheets

Overall Efficiency: 50.2%

Total Panels: 18