
	EMERGENCY MEASURES RADIO GROUP
	OTTAWA ARES

Two Names - One Group - One Purpose

Revision Summary

2009-07-02 V1.3

Paste drawings from original MS Visio to Powerpoint

Purpose Of This Document

This document is a copy and paste of the drawings from the MS Visio version. The drawings are pasted in this document for those who do not have the Visio software.

<u>QTY</u>	<u>Description</u>
1	4' x 8' x 1/2" - Plywood (Good Both Sides) [For easier transport, the plywood can be cut into two pieces 4' x 5' & 4' x 3']
1	4' x 4' x 1/8" - Hardboard (Masonite)
1	2' x 4' x 1/8" - Whiteboard
1	2' x 4' x 3/4" - Plywood (Good One Side)
2	Swivel Caster 2" to 3"
2	Fixed Caster 2" to 3"
1	5' Piano Hinge
1	2' Piano Hinge
1	Cabinet lock + 3 extra keys
1	Small can Stain & Varnish wood finish

EMRG-601 Red Cross (RC) Radio Cabinet

Drawing Title: **Materials List**

Name: Peter Gamble

Version: 1.3

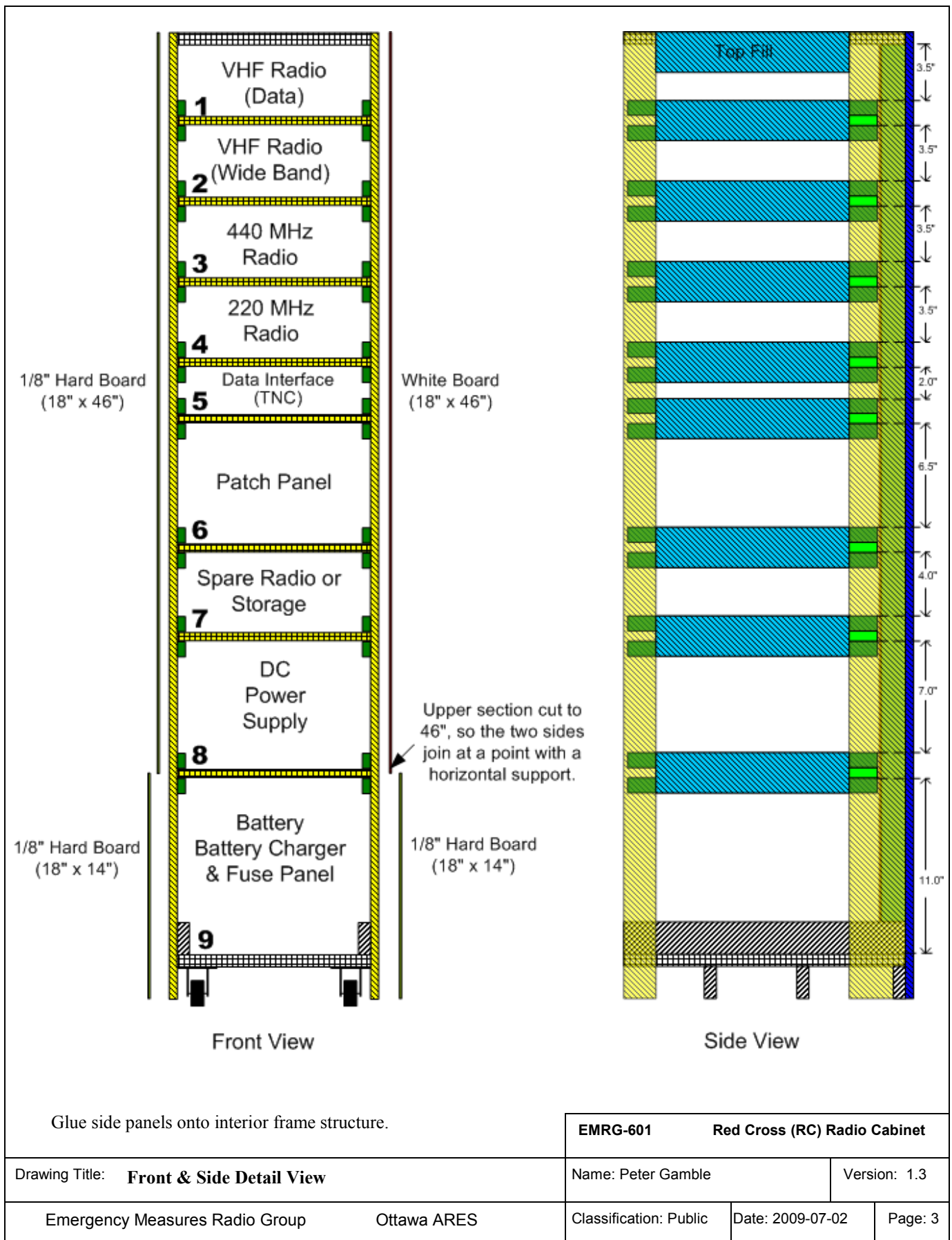
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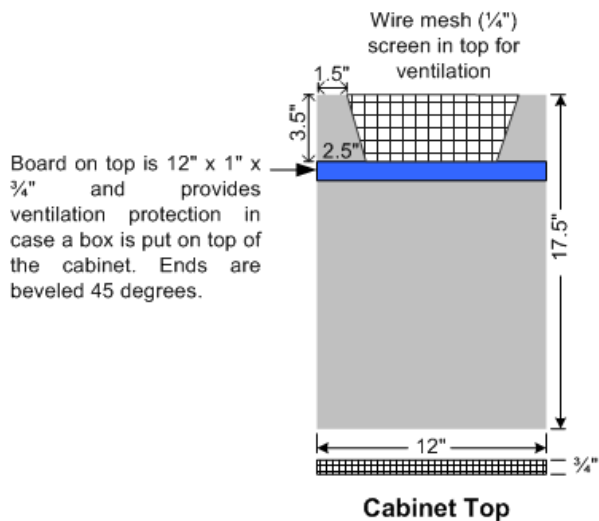
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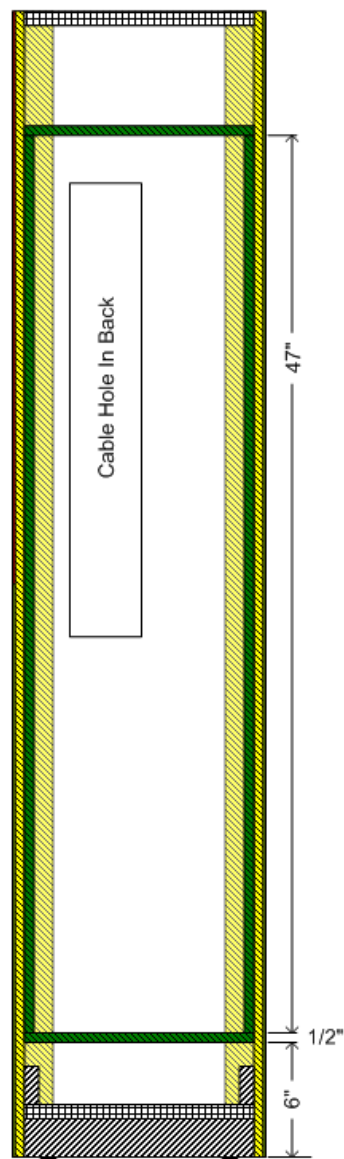
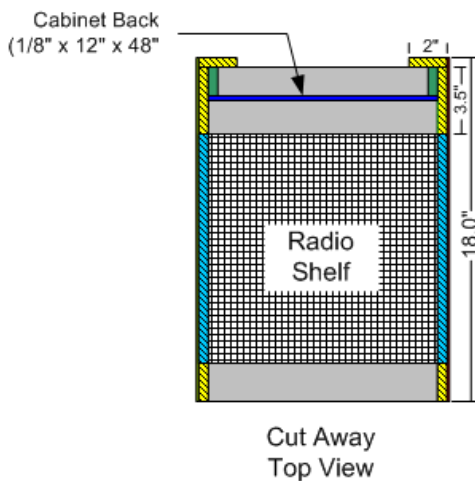
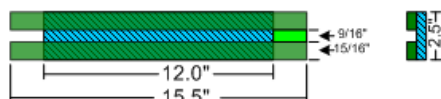
Date: 2009-07-02

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Shelf Support Detail



Front View

1/2" x 2" plywood frame inside back of cabinet. Used to attach 1/8" thick x 48" high x x" wide panel to close in mid section of the back. Openings at top and bottom of cabinet for air flow.

EMRG-601

Red Cross (RC) Radio Cabinet

Drawing Title: **Components Detail View**

Name: Peter Gamble

Version: 1.3

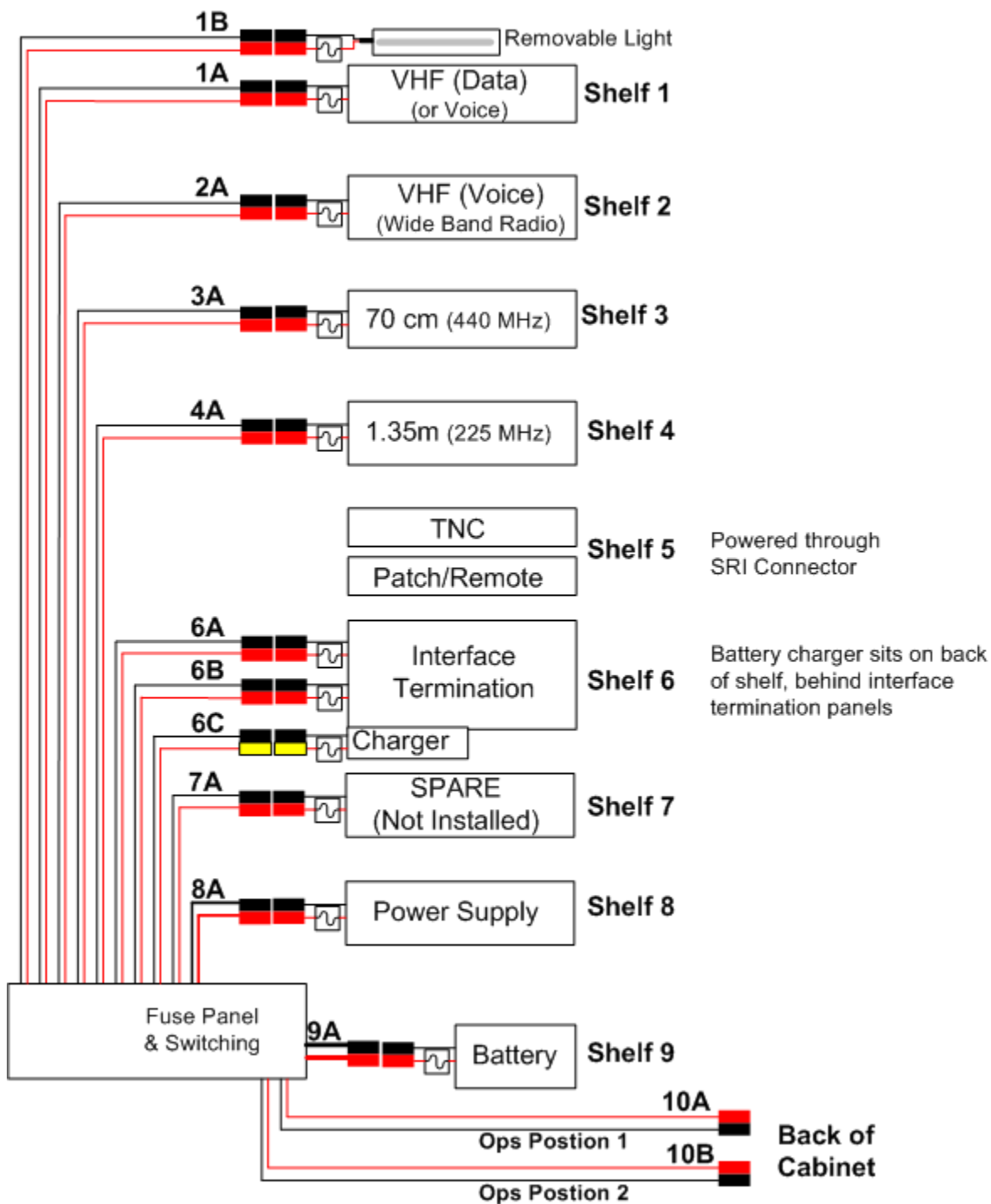
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EMRG-601 Red Cross (RC) Radio Cabinet

Drawing Title: **DC Wiring -LOADS**

Name: Peter Gamble

Version: 1.3

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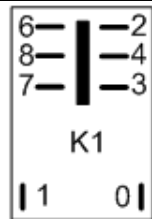
Classification: Public

Date: 2009-07-02

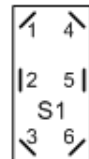
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FUSE ASSIGNMENT

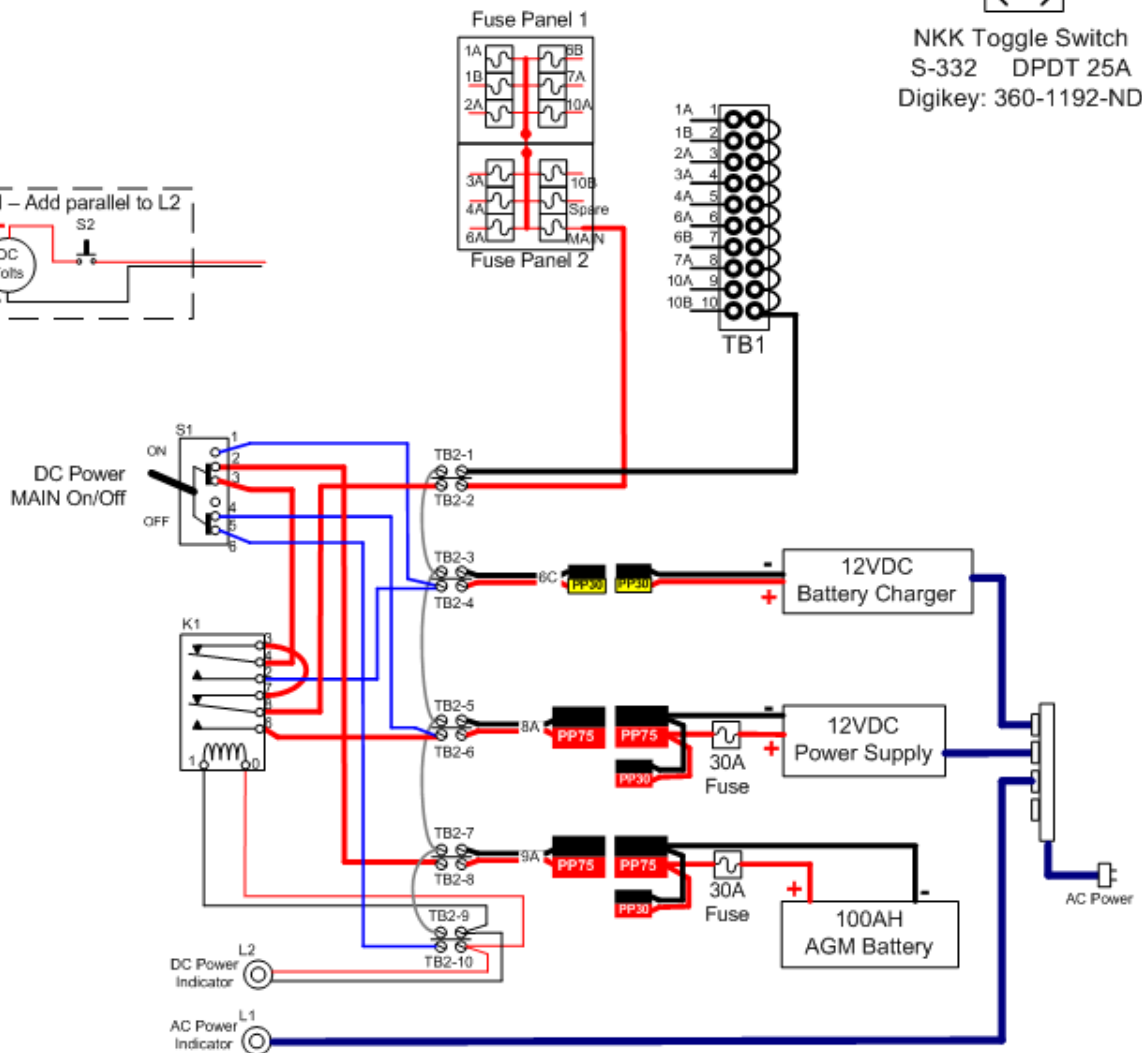
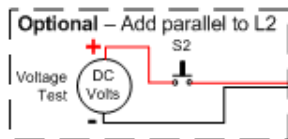
- 1-1** 15A - Shelf 1 (1A) (Radio 1 - VHF 144 Packet)
- 1-2** 15A - Shelf 1 (1B) (Auxiliary Power)
- 1-3** 15A - Shelf 2 (2A) (Radio 2 - VHF 144 Voice)
- 1-4** 15A - Shelf 3 (3A) (Radio 3 - UHF 440 Voice)
- 1-5** 15A - Shelf 4 (4A) (Radio 4 - VHF 220 Voice)
- 1-6** 7.5A - Shelf 6 (6A) (Powerpole Dual DC Outlet)
- 2-1** 7.5A - Shelf 6 (6B) (Cigarette Lighter DC Outlet)
- 2-2** 15A - Shelf 7 (7A) (Radio 5 - SPARE - HEPCO)
- 2-3** 10A Operations Position 1 (10A) (Audio Amp or Laptop PC Power)
- 2-4** 10A Operations Position 2 (10B) (Audio Amp or Laptop PC Power)
- 2-5** SPARE
- 2-6** 30A Master Fuse



Potter & Brumfield Relay
T92S11D22-12
DPDT 12VDC Coil 30A
Digikey: PB490-ND



NKK Toggle Switch
S-332 DPDT 25A
Digikey: 360-1192-ND



EMRG-601 Red Cross (RC) Radio Cabinet

Drawing Title: **DC Wiring - Detailed Control Wiring**

Name: Peter Gamble

Version: 1.3

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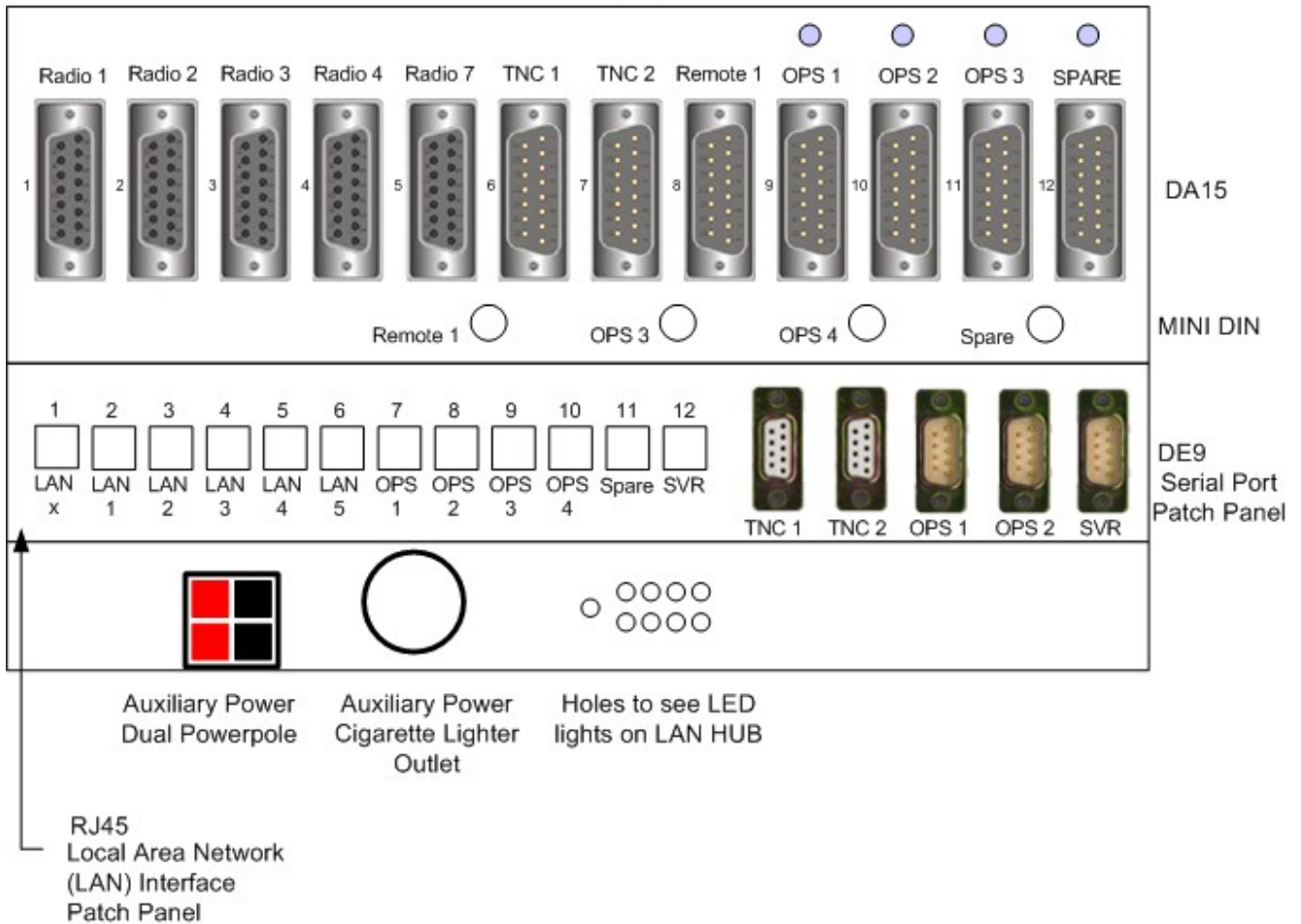
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Standard Radio Interface (SRI) Patch Panel



EMRG-601 Red Cross (RC) Radio Cabinet

Drawing Title: **Patch Panel Layout**

Name: Peter Gamble

Version: 1.3

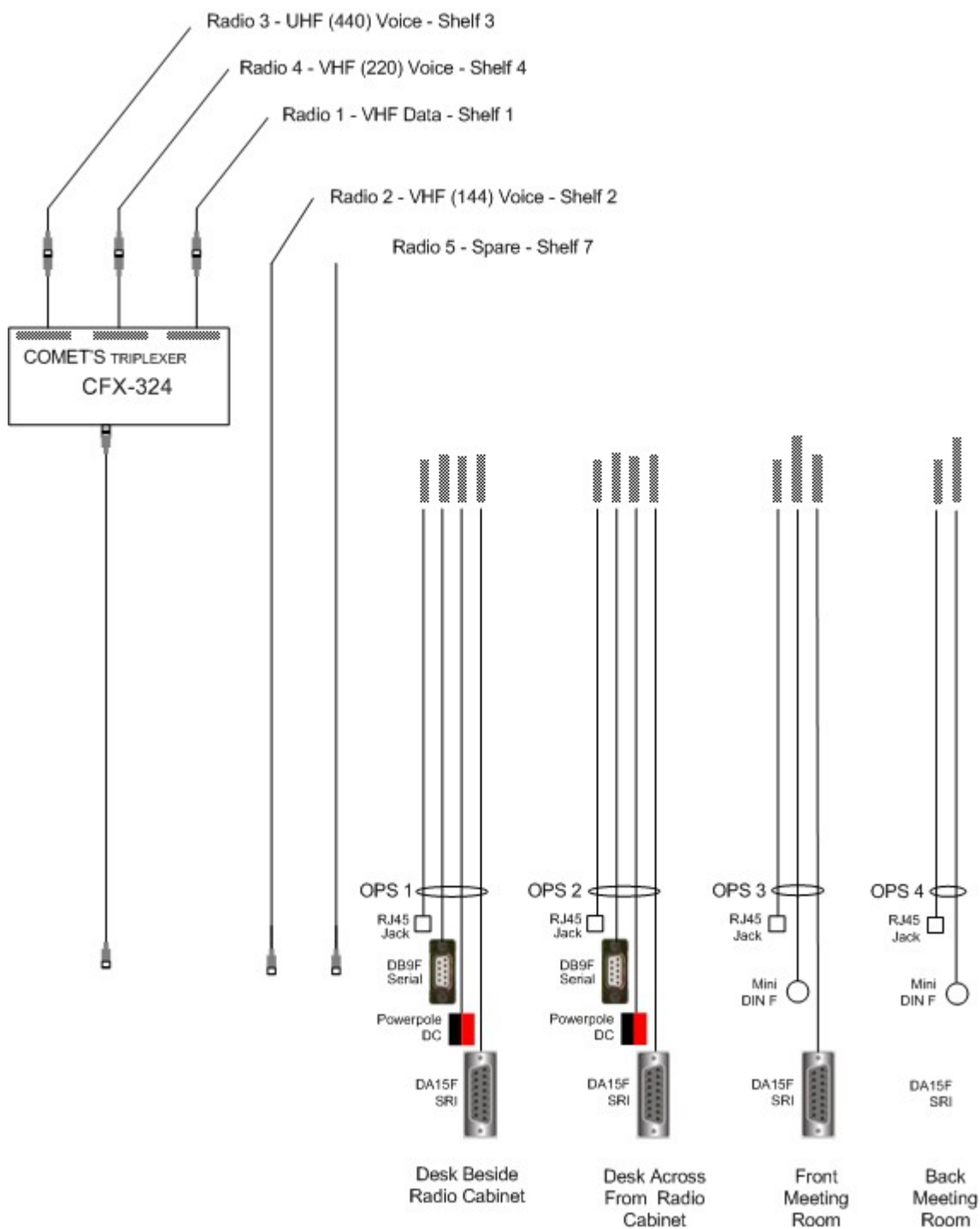
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Red Cross (RC) Radio Cabinet

Drawing Title: **Back Cable Layout**

Name: Peter Gamble

Version: 1.3

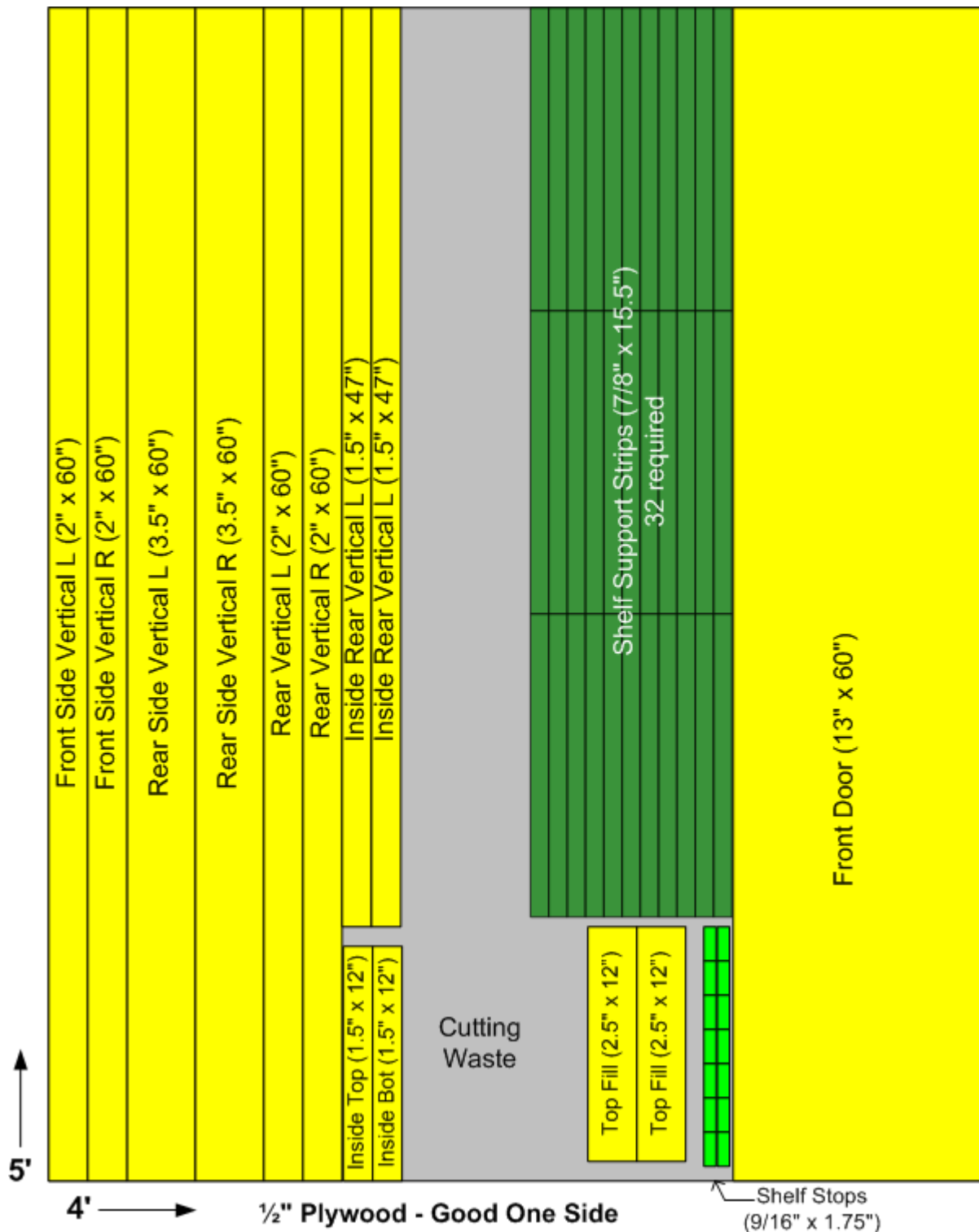
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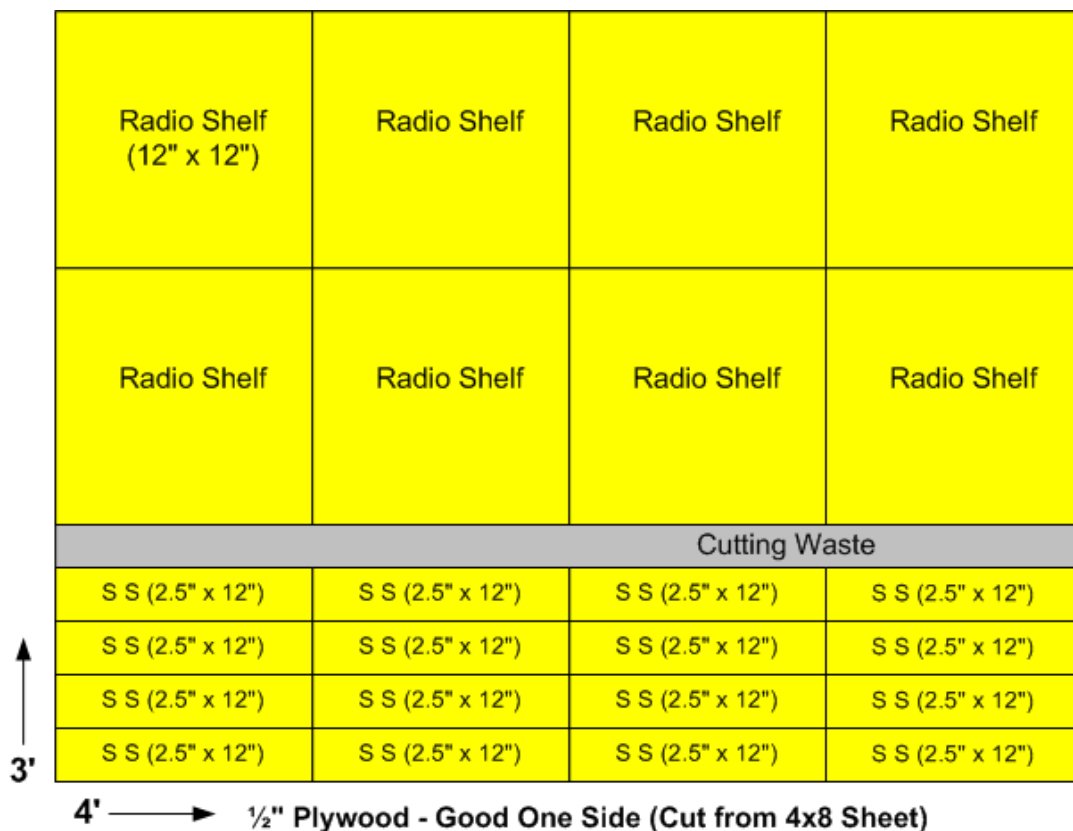
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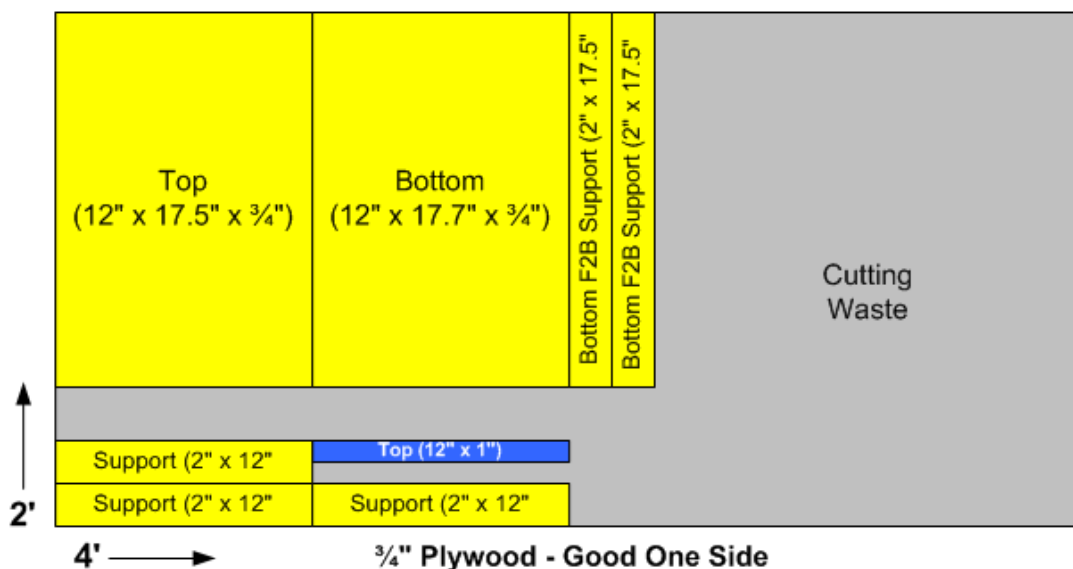
NOTE:

4' x 8' sheet of plywood can be cut at the store into two pieces; 4' x 5' + 4' x 3' for easier transport.

Drawing Title: Cutting Layout -1		EMRG-601 Red Cross (RC) Radio Cabinet	
Name: Peter Gamble		Version: 1.3	
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These pieces will be slightly less than 12" due to the width of the saw blade when cutting.



EMRG-601 Red Cross (RC) Radio Cabinet

Drawing Title: Cutting Layout -2

Name: Peter Gamble

Version: 1.3

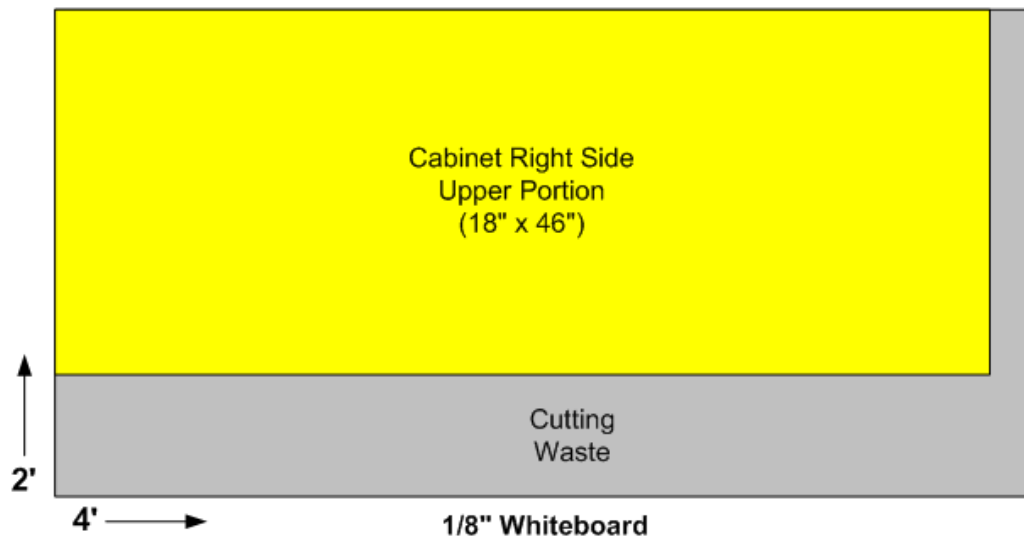
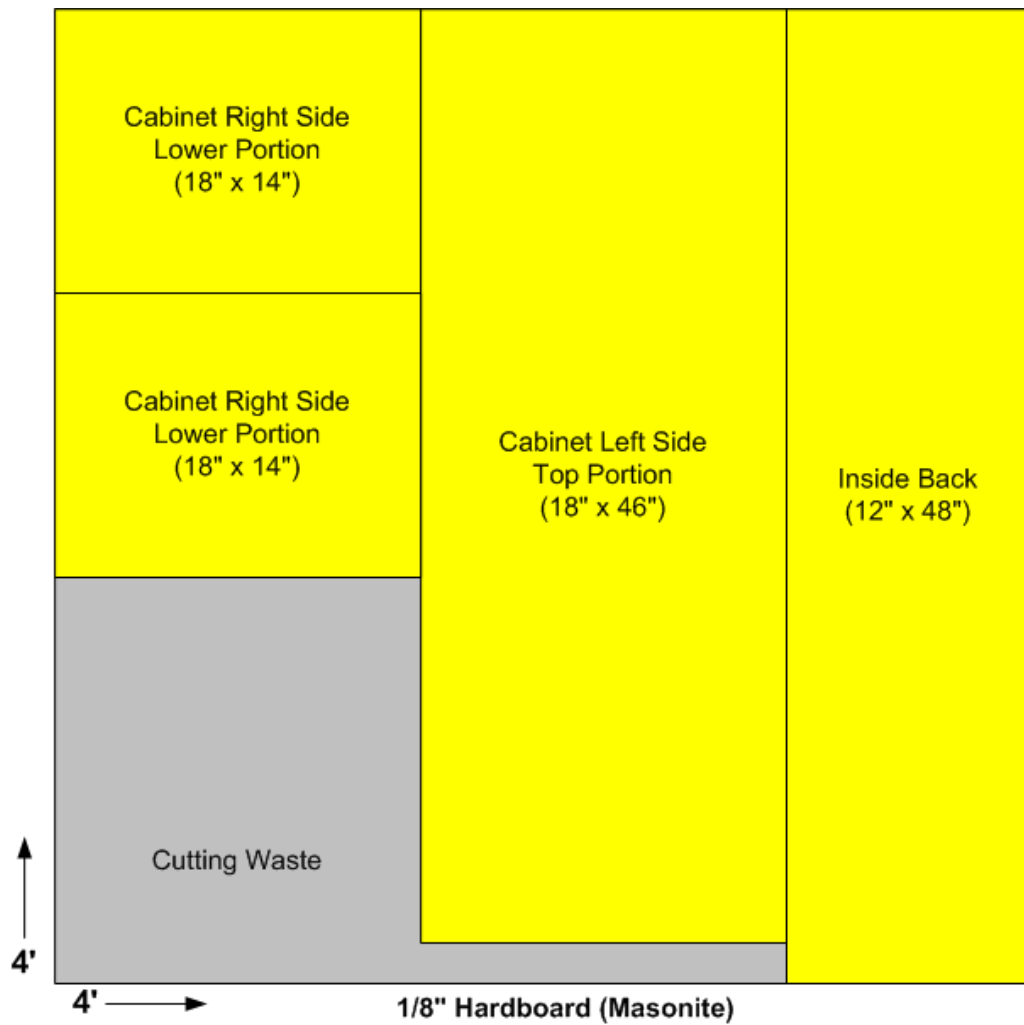
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EMRG-601 Red Cross (RC) Radio Cabinet

Drawing Title: Cutting Layout -3

Name: Peter Gamble

Version: 1.3

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