

# Raised Garden Bed Project: Materials & Cut List

**Project:** 4' x 4' Raised Garden Bed (Plan P-001)

**Designer:** Gil Kaelin

**Location:** Abingdon, VA

## 1. Materials List (Lumber & Hardware)

Estimates based on localized pricing for the Abingdon, VA area (ZIP 24210). Prices are subject to local availability.

Item Description	Size	Quantity	Purpose	Est. Subtotal
2x6 Pressure-Treated (Ground Contact)	8 ft.	4	Side Panels (8 x 48" planks)	\$40.00
4x4 Pressure-Treated (Ground Contact)	8 ft.	1	Corner Posts (4 x 16" posts)	\$16.00
Exterior Grade Decking Screws	3.5" (#10)	1 lb box	Frame Assembly	\$11.00
<b>Total Estimated Hardware &amp; Lumber:</b>				<b>\$67.00</b>

## 2. Cut List

Ensure all cuts are square to maintain the 4'x4' external dimensions.

### 2.1 Side Panels (2x6 Lumber)

- **Board 1:** (2) @ 48"
- **Board 2:** (2) @ 48"
- **Board 3:** (2) @ 48"
- **Board 4:** (2) @ 48"

## 2.2 Corner Posts (4x4 Lumber)

- **Board 5:** (4) @ 16" (yields 4 posts; approx. 32" scrap)

## 3. Interior Fill Stratification (Section 1-1)

To be layered from bottom to top as specified in Plan P-001:

1. **Cardboard:** 1" Layer (Corrugated weed barrier).
2. **Sticks & Twigs:** 4" Layer for drainage and organic filler.
3. **Compost:** 4" Layer of rich organic mix.
4. **Growing Medium:** 10" Layer (50% Topsoil / 50% Compost).
5. **Mulch:** 3" Cap (Pine straw or wood chips).

## 4. Assembly Notes

- **Pre-Drilling:** Highly recommended for pressure-treated lumber to prevent splitting at plank ends.
- **Corrosion Resistance:** Use only ceramic-coated or stainless steel fasteners to withstand the chemicals in treated wood.
- **Leveling:** Ensure the ground is level before placing the first tier of 2x6 planks.