



Project: Replace existing 10x10 shed with a new 12x12 shed

Project Location: 922 W Sunset Drive, Waukesha WI 53045

Contractor: Neuwirth Quality Services LLC DBA Ace Handyman Services-Waukesha Lake Country

Project Cost: \$10,000

Building Use: Store car filters, rakes, shovels

Slab Design: Use existing asphalt slab (parking lot), using "BOLTHOLD" asphalt anchors with 5/8 threaded fasteners ran through the 4x4 bottom shed skids.

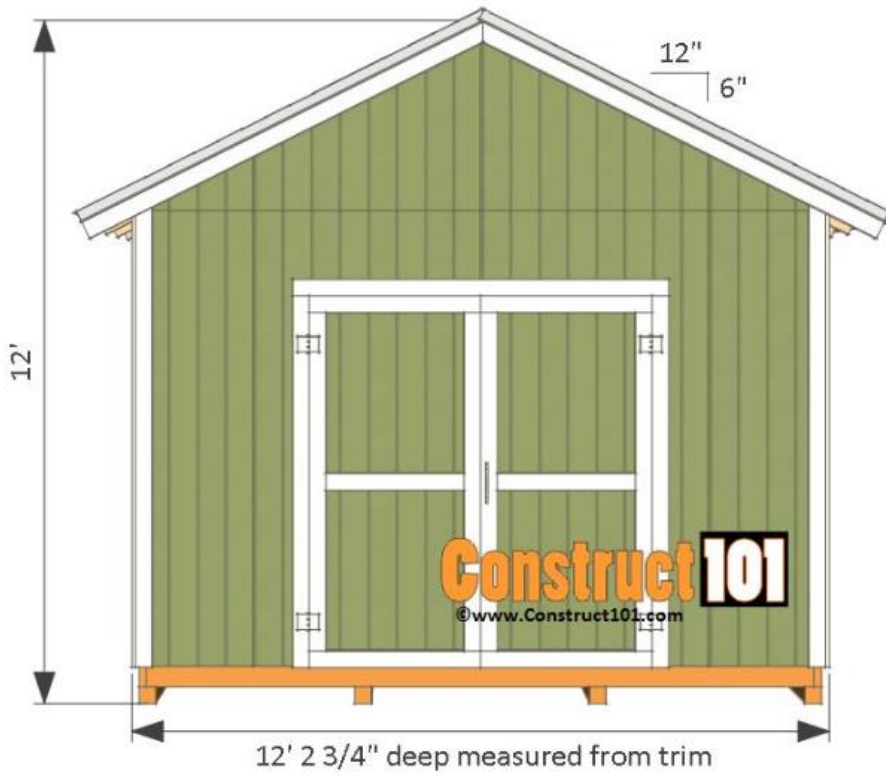
Shed Design: 2x4 construction with t1-11 smart siding, asphalt shingles on roof. 2x4 floor with 3/4" plywood floor

Site Plan:



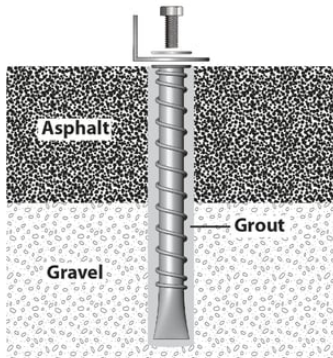
200 W Summit Avenue ■ Waukesha, WI 53183 ■ [AceHandymanServices.com](http://AceHandymanServices.com)

262.982.6002 ■ [waukesha-lakecountry@acehandymanservices.com](mailto:waukesha-lakecountry@acehandymanservices.com)



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SP12-38K SIX-PACK (6) Asphalt Anchors, 3/8" Female thread, with bolt and washer; 2,000 lb. rated; quantity discounts



Email a friend

**REQUIRES GROUT**

## BoltHold SP12-38 Asphalt Anchor Zinc Plated Steel, 6-PACK

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**\$65.00**

Retail Price: ~~\$95.00~~

You Save: \$30.00 (32%)

12" long. 3/8" Female thread, with bolt and washer; 2,000 lb. Pull Rated

Questions about this item? Be the first to ask here.

**Part Number:** 01-6315.38K

**UPC:** 0689481982540

**Availability:** In Stock.751

**Shipping Weight:** 3.5 lbs per unit

**Items per carton:** 6

**Requires:** EXP2 or EXP3 per calculator on this page

**Warranty:** 90 days

**HS Code (Export):** 7318.19

**NMFC code (trucking):** 55

**Shipping Weight:** 3.5 lbs.

# SHED CALCULATOR

- It is assumed that the shed has an internal nail sill all around, The sill is usually a metal tube or a wood board that allows attaching the shed to the surface.
- Place anchors per shed's manufacturer instructions.
- If manufacturer instructions are not available, follow the steps below:
  - Place one anchor 1' from each corner except on door wall IF there is no sill under the door.
  - On the door wall without sill, place one anchor midway on each side of the door.
  - Add anchors between the corner anchors so that no two anchors are spaced more than 6' apart.

Width, ft (W)

Length, ft (L)

Gable height, ft (G)

Height, ft (H)

Door width, ft (D)

Shed Weight, lbs (X)

High Wind, mph (V)

Asphalt Thickness, inch

**Calculate**

V1.01

**Least Cost Solution**

Anchor count	Model	EPX2 bags count	Extended cost
11	SP12	6	\$117.50

**Install Guide**

Wall	Anchor Count	L1 (feet)	WI (feet)
Long	3	5	
Short	3		5

Uplift Force on roof: 3744 lbs  
 Total Lateral Force: 3744 lbs  
 Max Lift Force per anchor: 1594.6666666666667 lbs  
 Max Shear force per anchor: 340 lbs

