

Bill of Materials for Plan: GARAGE4828B-A6D-3

Description	Quantity
Concrete and Rebar	
Concrete (min. comp. strength 3000 PSI)	34.8 cubic yards (min.)
Concrete - Porch (min. comp. strength 3000 PSI)	2.5 cubic yards
#4 Rebar ASTM A-615 grade 60	1108 linear feet
1/2" DIA x 10" Anchor Bolts with Hex Nuts	24 pcs.
5/8" DIA x 14" Anchor Bolts with Hex Nuts	9 pcs.
SST S8TB28 7/8" DIA x 28" Anchor Bolts with Hex Nuts	2 pcs.
2" x 2" x 3/16" Square Washers (1/2" AB)	24 pcs.
3" x 3" x 1/4" Square Washers (5/8" AB)	9 pcs.
Cast Iron Guard Rail for Porch (40" x 70")	2 pcs.
Framing	
2 x 6 x 120" HF/DF Exterior Front Garage Wall (Studs)	53 pcs.
2 x 6 x 120" HF/DF Exterior Rear Garage Wall (Studs)	58 pcs.
2 x 6 x 120" HF/DF Exterior Left Garage Wall (Studs)	34 pcs.
2 x 6 x 120" HF/DF Exterior Right Garage Wall (Studs)	30 pcs.
2 x 6 x 92-1/2" HF/DF Gable Wall (Studs)	32 pcs.
2 x 6 x 92-1/2" HF/DF Dormer Wall (Studs)	66 pcs.
2 x 6 x 144" HF/DF Interior Stair Wall (Studs)	2 pcs.
2 x 4 x 120" HF/DF Interior Braced Wall (Studs)	12 pcs.
2 x 4 x 144" HF/DF Interior Stair Wall (Studs)	14 pcs.
2 x 4 x 104-1/2" HF/DF Stair Landing Wall (Studs)	12 pcs.
2 x 4 HF/DF No. 2 Pressure Treated Bottom Plate	36 linear feet
2 x 6 HF/DF No. 2 Pressure Treated Bottom Plate	123 linear feet
2 x 10 HF/DF No. 2 Ladder Blocking (Attic Floor)	265 linear feet
2 x 6 HF/DF No. 2 Gable Roof Lookouts	157 linear feet
2 x 6 HF/DF No. 2 Plates, Framing and Blocking	1370 linear feet
2 x 4 HF/DF No. 2 Plates, Framing and Blocking	469 linear feet
2 x 8 HF/DF No. 2 Garage Door Jambs	72 linear feet
2 x 12 DF No. 1 Header	61 linear feet
2 x 10 DF No. 1 Header	23 linear feet
2 x 6 DF No. 1 Header	13 linear feet
2 x 4 DF No. 1 Header	59 linear feet
5-1/4" x 11-1/4" LVL Header 2.0E (3 PLY 1-3/4")	34 linear feet
2 x 6 x 22-1/2" Roof Eave Blocking w/ screened vent holes	44 pcs.
2 x 4 x 22-1/2" Dormer Eave Blocking w/ screened vent holes	36 pcs.
Truss Package (see sheet 9 for details)	
12/12 Attic Truss (1 PLY)	10 ea.
12/12 Attic Girder Truss (2 PLY)	1 ea.
12/12 Attic Girder Truss (3 PLY)	6 ea.
12/12 Attic Gable Truss (1 PLY)	2 ea.
12/12 Piggyback Truss (1 PLY)	17 ea.
12/12 Piggyback Gable Truss (1 PLY)	2 ea.

Flooring and Sheathing

3/4" T&G Advantech Flooring (4x8 sheet) - Attic Floor	833 sqft. - 26 sheets
7/16" OSB Wall Sheathing - Main Floor (4x8 sheet)	1403 sqft. - 44 sheets
7/16" OSB Wall Sheathing - Gable & Dormers (4x8 sheet)	765 sqft. - 24 sheets
7/16" OSB or 15/32" 5 Ply CD Ext. Roof Sheathing (4x8 sheet)	2378 sqft. - 75 sheets

Stairs

1-3/4" x 14" LVL Stair Stringer (16' length)	3 pcs.
1" x 11-1/4" x 42" Stair Tread	14 pcs.
3/4" x 8" x 42" Stair Riser	14 pcs.
1" x 11-1/4" x 44" Stair Tread (landing step)	2 pcs.
3/4" x 8" x 44" Stair Riser (landing step)	2 pcs.
3-1/2" x 42" Landing Tread	1 pcs.
5-1/2" x 44" Landing Tread	1 pcs.
3/4" x 11-1/4" Skirt Board	30 linear feet
Handrail 1-1/2" DIA (16' length)	1 pc.
Handrail Support Brackets	2 pcs.
3-1/4" x 3-1/4" x 54" Newel Post	1 pc.
1-3/4" x 1-3/4" x 41" Baluster	18 pcs.
Balustrade Handrail (9' length)	1 pc.
Balustrade Shoerail (9' length)	1 pc.

Vapor Barriers

15# Asphalt Saturated Felt (36" Wide Roll, 432 sqft/roll), walls	2025 sqft.
30# Asphalt Saturated Felt (36" Wide Roll, 216 sqft/roll), roof	2378 sqft.
.006" Black Polyethylene Vapor Barrier	1344 sqft.
Concrete Water Proof Asphalt Coating (below grade)	10 gal.

Roofing

Architectural Asphalt Shingles [30 year]	1810 sqft.
Architectural Asphalt Shingles [30 year] (for dormers)	568 sqft.
13-1/4" Hip and Ridge	113 linear feet
11-1/4" Ridge Vent	51 linear feet
1-1/4" x 2-3/4" Hemmed Drip Edge 28 Gauge	335 linear feet

Siding

5/16" x 8" HardiPlank Lap Siding w/ 1-1/4" lap	1133 sqft.
1/4" x 15.25" Hardishingle Siding w/ 7" Exp. (Gable Ends)	346 sqft.
5/4 x 5 Trim (Gable Band Board)	56 linear feet
5/4 x 6 Trim (Garage Door Headers)	30 linear feet
9" x 9" Keystone Moulding (Garage Door Headers)	3 pcs.
5/4 x 4 Trim	346 linear feet
1 x 2 Trim	96 linear feet
2 x 6 Rakeboard	84 linear feet
1 x 6 Fascia	102 linear feet
5/16" x 8" HardiPlank Lap Siding w/ 1-1/4" lap (for dormers)	310 sqft.

5/4 x 4 Trim (for dormers)	280 linear feet
1 x 2 Trim (for dormers)	63 linear feet
2 x 6 Rakeboard (for dormers)	66 linear feet
1 x 6 Fascia (for dormers)	82 linear feet
Drip Flashing for Window and Door Headers	85 linear feet

Windows and Doors

9'-8' Insulated Sectional Garage Door	3 ea.
3068 Exterior Door (Half Glass) LH	1 ea.
3068 Exterior Door RH (/w Auto Closer)	1 ea.
2468 Interior Door RH	2 ea.
5040 XO Window	2 ea.
3040 SH Window	9 ea.
3640 SH Window	2 ea.

Drywall

5/8" Gypsum Wallboard Type "X" (Garage and Stairwell)	2964 sqft.
5/8" Gypsum Wallboard (Attic)	2125 sqft.

Fixtures and Appliances (ALT. ATTIC APARTMENT)

Kohler Wellworth Elongated Front Toilet	1 ea.
36" Wide Lavatory w/ Drop-in Sink	1 ea.
60" x 42" Whirlpool Bathtub with Surround	1 ea.
30" Range/Oven with Vented Hood	1 ea.
33" Double Kitchen Sink	1 ea.
24" Under Counter Refrigerator	1 ea.
40-60 Gallon Water Heater	1 ea.
60K BTUH Furnace with A/C and Ducting or Equiv.	1 ea.

Fixtures and Appliances (ALT. ATTIC BATH ONLY)

Kohler Wellworth Elongated Front Toilet	1 ea.
54" Wide Lavatory w/ Drop-in Sink	1 ea.
60" x 30" Bathtub w/ Shower	1 ea.
40-60 Gallon Water Heater	1 ea.
60K BTUH Furnace with A/C and Ducting or Equiv.	1 ea.

Fasteners, Simpson Strong Tie Connectors and Misc.

SST STHD14 Holdown Straps	14 pcs.
SST MSTC28 (Header Strap)	2 pcs.
SST MSTC40 (Header Strap)	6 pcs.
SST H10A (1 Ply Truss Holdown)	24 pcs.
SST H10A-2 (2 Ply Truss Holdown)	2 pcs.
SST LGT3N-SDS2.5 (3 Ply Truss Holdown)	12 pcs.
SST H2.5A (Dormer Rafter and Lookout Holdown)	72 pcs.
SST HU210 (Attic Joist Hanger)	93 pcs.
SST HU210-2 (Attic Double Joist Hanger)	2 pcs.
SST HU28 (Roof Framing Hangers)	20 pcs.

SST HU26 (Roof Framing Hangers)	30 pcs.
SST PSCL7/16 (Panel Sheathing Clips, "H" Clips)	200 pcs.
SST L50 (Stair Stringer Brackets)	6 pcs.
SST HDQ8 (Holdown)	2 pcs.
16d Sinker Nails	50 lbs.
8d Common Nails	50 lbs.
#6 x 1-5/8" Coarse Drywall Screws	25 lbs.
1-1/4" Galvanized Roofing Nails	25 lbs.
7/8" Plasti-top Ring Shank Nails (2000/box)	1 box

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