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1801B material list

This material list is intended only as a guide to facilitate the pricing of a new home. You should amend this list as required by the building conditions of your particular site and location.

Rick Thompson - Architects, Inc. accepts no responsibility for the specific quantities or qualities of the material listed. The builder of each house must review these drawings and material list and judge for himself the suitability of this house for your specific site and local codes. This material list reflects an exact computer take off of materials without adjusting for waste, dead wood, site specific issues, or temporary bracing.

The information on the last pages with "location" as the first column, are included within the first pages, (except foundation materials) they are provided to break down materials by different locations and assemblies.

Any feed back will be appreciated and will be considered to help make these list valuable for you.

Thank you



Crawl Foundation			
Foundation Type	Description	Quantity	Unit
Fdn/crawl	2x6 pt plate	148.664	LF
Fdn/crawl	Anchor Bolts	29.733	Pieces
Fdn/crawl	Concrete Block	680.986	Pieces
Fdn/crawl	insulation,sill gasket	148.664	LF
Fdn/crawl	Mortar type "N"	12.106	CF
Fdn/crawl	Poured concrete	7.991	CY
Fdn/crawl	Rebar 1/2" #4, 3 bars	474.967	LF
Fdn/crawl	Stucco over masonry wall	605.321	SF
Fdn/porch ftg	Poured concrete	0.325	CY
Fdn/porch ftg	Rebar 1/2" #4, 3 bars	15.015	LF

Block based on 6 courses

Basement Foundation			
Foundation Type	Description	Quantity	Unit
Fdn/basement	2x12x16 stringers	3.000	Each
Fdn/basement	2x6 pt plate	170.182	LF
Fdn/basement	2x6 plate x 3	94.498	LF
Fdn/basement	2x6-8 Hem fir Wd Stud, 16oc	31.499	Pieces
Fdn/basement	4" washed gravel	10.887	CY
Fdn/basement	6 mil. film	816.517	SF
Fdn/basement	Anchor Bolts	27.737	Pieces
Fdn/basement	Concrete slab	10.887	CY
Fdn/basement	Foundation Sealer 1 coat	1,278.143	SF
Fdn/basement	GWB 4'x'8'x1/2"	15.285	Sheet
Fdn/basement	insulation,sill gasket	138.683	LF
Fdn/basement	Outlet Ceiling Fixture	6.000	Each
Fdn/basement	Poured concrete	39.943	CY
Fdn/basement	Rebar 1/2" #4, 3 bars	935.912	LF
Fdn/basement	Recept Duplex Out	5.000	Each
Fdn/basement	Stair risers 1x8	16.000	Pieces
Fdn/basement	Stair treads	15.000	Pieces
Fdn/basement	Switch 3 Way	1.000	Each
Fdn/basement	Welded wire mesh	816.517	SF
Fdn/porch ftg	Poured concrete	0.525	CY
Fdn/porch ftg	Rebar 1/2" #4, 3 bars	27.015	LF

Reduce floor 1 subfloor by 1.5 sheets for basement stairs

Slab Foundation			
Foundation Type	Description	Quantity	Unit
Fdn/slab	4" washed gravel	15.547	CY
Fdn/slab	6 mil. film	1,166.009	SF
Fdn/slab	Concrete Block	565.017	Pieces
Fdn/slab	Concrete slab	15.547	CY
Fdn/slab	Mortar type "N"	10.045	CF
Fdn/slab	Poured concrete	9.773	CY
Fdn/slab	Rebar 1/2" #4, 3 bars	626.611	LF
Fdn/slab	Welded wire mesh	1,166.009	SF

Slab block quantities are for 4 courses high

Framing by story			
Location	Description	Quantity	Unit
Deck	Porch Steps, PressureTreated	1.000	Each
Framing clg	2x8x12	30.000	Each
Framing clg	2x8x16	13.000	Each
Framing fl1	2x10x12	37.000	Each
Framing fl1	2x10x16	39.000	Each
Framing fl1	2x10x16pt	6.000	Each
Framing fl1	2x8x12pt	7.000	Each
Framing fl1	2x8x14pt	7.000	Each
Framing fl2	2x10x12	33.000	Each
Framing fl2	2x10x16	36.000	Each
Framing fl2	2x6x10pt	3.000	Each
Framing fl2	2x6x12pt	4.000	Each
Framing header	2x10x16	21.000	Each
Framing LVL's	LVL/Glue-Laminated Timber	63.922	LF
Framing roof	2 x 8 x 18'	13.000	ea.
Framing roof	2 x 8 x 20'	17.000	ea.
Framing roof	2 x 8 x 26'	13.000	ea.
Framing roof	2 x12 x 26'	12.000	ea.
Porch beam	4 x 6 x 12'	4.000	ea.
Porch beam	4x10x10	8.364	LF
Porch steps	Porch Steps, PressureTreated	1.000	Each
Stairs	2x12x16 stringers	3.000	Each
Stairs	Stair risers 1x8	16.000	Pieces
Stairs	Stair treads	15.000	Pieces

General Materials			
Description	Quantity	Unit	
#30 Felt	17.100	Square (100SF)	
1x8 #2SPF	301.616	LF	
2x4 plate x 3	2,012.617	LF	
2x4-10 Hem fir Wd Stud, 16oc	83.393	Pieces	
2x4-12 Hem fir Wd Stud, 24oc	18.608	Pieces	
2x4-8 Hem fir Wd Stud, 16oc	300.734	Pieces	
2x4-9 Hem fir Wd Stud, 16oc	278.287	Pieces	
2x6 T&G decking	98.759	SF	
6x6x4 pt	4.000	Each	
Asphalt shingle	17.100	Square (100SF)	
Base exterior walls	333.793	LF	
Base interior walls	490.457	LF	
Bldg Permit Total Job, Set up costs	1.000	Each	
Building clean up	1.000	Each	
Cedar shingles	22.986	SF	
Closet shelves, 12"	24.870	LF	
Corner board 5/4x6	187.490	LF	
Disposer, 1/2HP new work	1.000	Each	
Drywall mud	6.962	5 Gal. Pail	
Drywall tape 250' roll	13.924	Roll	
FGlas insulation Floor R-see chart	932.104	SF	
FGlas insulation wall R-see chart	2,339.325	SF	
FGlas insulation, Ceiling R-see chart	712.597	SF	
Gas Connection	1.000	Each	
Gutters, .032 Aluminum	100.573	LF	
GWB 4'x'8'x1/2"	218.826	Sheet	
Kitchen Sink double steel bowl	1.000	Each	
Lattice	21.008	feet	
Mtl drip edge	141.454	LF	
Paint - exterior	10.955	Gal	
Paint - exterior primer	10.955	Gal	
Paint - interior	21.146	Gal	
Paint - interior primer	21.146	Gal	
Pantry/Linen shelves x 5	75.355	LF	
Porch Posts, 8x8	4.000	Each	
Porch Railing, Pressure Treated	19.970	LF	
Pressure Treated Deck Surface, 5/4x6	386.635	LF	
Rake mold	54.000	LF	
Sewer Connection 4" PVC	1.000	Each	
Sheathing 1/2"	141.998	Sheet	
Siding	2,871.624	SF	
Site Preparation	1.000	Each	
Soffit Vents, 3"	87.454	LF	
Soffit, 3/8" Plywood, ACX, 24" Wide	177.436	LF	
Stock Plans from architect	1.000	Each	
Stucco	74.776	SF	
Subflooring, plywood T&G 3/4" CDX	58.746	Sheet	
Termite Protection	1.000	Each	
Tyvek Building Wrap	2,964.123	SF	
Water Connection	1.000	Each	

Electrical - Plumbing - Mechanical			
Category	Description	Quantity	Unit
Electrical	Bath Exhaust Fan	3.000	Each
Electrical	Ceiling Fan	3.000	Each
Electrical	Complete Electrical Service	1.000	Each
Electrical	Outlet Ceiling Fixture	15.000	Each
Electrical	Outlet Wall Fixture	3.000	Each
Electrical	Recept 220v	2.000	Each
Electrical	Recept Duplex Out	39.000	Each
Electrical	Recept Single Out	2.000	Each
Electrical	Recessed Can	12.000	Each
Electrical	Smoke Detector - wired	6.000	Each
Electrical	Switch 3 Way	8.000	Each
Electrical	Switch Coupled	22.000	Each
Plumbing	Bathtub	2.000	Each
Plumbing	HVAC Equipment	1.000	Pieces
Plumbing	Vanity Base 1 sink	2.000	Each
Plumbing	Water Closet, 2 Piece Floor Mounted	3.000	Each
Plumbing	Water heater	1.000	Pieces

Repeat materials organized by location			
Location	Description	Quantity	Unit
Cabinets	Closet shelves, 12"	24.870	LF
Cabinets	Disposer, 1/2HP new work	1.000	Each
Cabinets	Kitchen Sink double steel bowl	1.000	Each
Cabinets	Pantry/Linen shelves x 5	75.355	LF
Ceilings	Drywall mud	0.713	5 Gal. Pail
Ceilings	Drywall tape 250' roll	1.425	Roll
Ceilings	FGlas insulation, Ceiling R-see chart	712.597	SF
Ceilings	GWB 4'x'8'x1/2"	22.091	Sheet
Corner boards	Corner board 5/4x6	187.490	LF
Deck	Porch Steps, PressureTreated	1.000	Each
Electrical	Bath Exhaust Fan	3.000	Each
Electrical	Ceiling Fan	3.000	Each
Electrical	Complete Electrical Service	1.000	Each
Electrical	Outlet Ceiling Fixture	15.000	Each
Electrical	Outlet Wall Fixture	3.000	Each
Electrical	Recept 220v	2.000	Each
Electrical	Recept Duplex Out	39.000	Each
Electrical	Recept Single Out	2.000	Each
Electrical	Recessed Can	12.000	Each
Electrical	Smoke Detector - wired	6.000	Each
Electrical	Switch 3 Way	8.000	Each
Electrical	Switch Coupled	22.000	Each
Exterior misc	Sheathing 1/2"	7.147	Sheet
Exterior misc	Siding	221.349	SF
Exterior misc	Stucco	9.184	SF
Exterior misc	Tyvek Building Wrap	230.533	SF
Exterior walls	2x4 plate x 3	1,207.954	LF
Exterior walls	2x4-10 Hem fir Wd Stud, 16oc	83.393	Pieces
Exterior walls	2x4-12 Hem fir Wd Stud, 24oc	18.608	Pieces
Exterior walls	2x4-8 Hem fir Wd Stud, 16oc	146.960	Pieces
Exterior walls	2x4-9 Hem fir Wd Stud, 16oc	163.840	Pieces
Exterior walls	Base exterior walls	310.800	LF
Exterior walls	Cedar shingles	5.263	SF
Exterior walls	Drywall mud	2.235	5 Gal. Pail
Exterior walls	Drywall tape 250' roll	4.470	Roll
Exterior walls	FGlas insulation wall R-see chart	2,235.230	SF
Exterior walls	GWB 4'x'8'x1/2"	69.292	Sheet
Exterior walls	Paint - exterior	10.885	Gal
Exterior walls	Paint - exterior primer	10.885	Gal
Exterior walls	Paint - interior	8.941	Gal
Exterior walls	Paint - interior primer	8.941	Gal
Exterior walls	Sheathing 1/2"	92	Sheet
Exterior walls	Siding	2872	SF
Exterior walls	Stucco	75	SF
Exterior walls	Tyvek Building Wrap	2947	SF
Floors	Drywall mud	0.963	5 Gal. Pail
Floors	Drywall tape 250' roll	1.926	Roll
Floors	FGlas insulation Floor R-see chart	932.104	SF
Floors	GWB 4'x'8'x1/2"	29.851	Sheet
Floors	Subflooring, plywood T&G 3/4"CDX	58.746	Sheet
Framing clg	2x8x12	30.000	Each
Framing clg	2x8x16	13.000	Each
Framing fl1	2x10x12	37.000	Each

Framing fl1	2x10x16	39.000	Each
Framing fl1	2x10x16pt	6.000	Each
Framing fl1	2x8x12pt	7.000	Each
Framing fl1	2x8x14pt	7.000	Each
Framing fl2	2x10x12	33.000	Each
Framing fl2	2x10x16	36.000	Each
Framing fl2	2x6x10pt	3.000	Each
Framing fl2	2x6x12pt	4.000	Each
Framing header	2x10x16	21.000	Each
Framing LVL's	LVL/Glue-Laminated Timber	63.922	LF
Framing roof	2 x 8 x 18'	13.000	ea.
Framing roof	2 x 8 x 20'	17.000	ea.
Framing roof	2 x 8 x 26'	13.000	ea.
Framing roof	2 x12 x 26'	12.000	ea.
Interior walls	2x4 plate x 3	735.685	LF
Interior walls	2x4-8 Hem fir Wd Stud, 16oc	153.773	Pieces
Interior walls	2x4-9 Hem fir Wd Stud, 16oc	91.455	Pieces
Interior walls	Base interior walls	490.457	LF
Interior walls	Drywall mud	3.034	5 Gal. Pail
Interior walls	Drywall tape 250' roll	6.067	Roll
Interior walls	FGlas insulation wall R-see chart	86.372	SF
Interior walls	GWB 4'x'8'x1/2"	97.044	Sheet
Interior walls	Paint - interior	12.135	Gal
Interior walls	Paint - interior primer	12.135	Gal
Listing	Bldg Permit Total Job, Set up costs	1.000	Each
Listing	Building clean up	1.000	Each
Listing	Gas Connection	1.000	Each
Listing	Sewer Connection 4" PVC	1.000	Each
Listing	Site Preparation	1.000	Each
Listing	Stock Plans from architect	1.000	Each
Listing	Termite Protection	1.000	Each
Listing	Water Connection	1.000	Each
Plumbing	Bathtub	2.000	Each
Plumbing	HVAC Equipment	1.000	Pieces
Plumbing	Vanity Base 1 sink	2.000	Each
Plumbing	Water Closet, 2 Piece Floor Mounted	3.000	Each
Plumbing	Water heater	1.000	Pieces
Porch	#30 Felt	1.788	Square (100SF)
Porch	2x4 plate x 3	68.978	LF
Porch	2x4-9 Hem fir Wd Stud, 16oc	22.993	Pieces
Porch	2x6 T&G decking	98.759	SF
Porch	6x6x4 pt	4.000	Each
Porch	Asphalt shingle	1.788	Square (100SF)
Porch	Base exterior walls	22.993	LF
Porch	Cedar shingles	17.724	SF
Porch	Drywall mud	0.018	5 Gal. Pail
Porch	Drywall tape 250' roll	0.035	Roll
Porch	FGlas insulation wall R-see chart	17.724	SF
Porch	GWB 4'x'8'x1/2"	0.549	Sheet
Porch	Lattice	21.008	feet
Porch	Paint - exterior	0.071	Gal
Porch	Paint - exterior primer	0.071	Gal
Porch	Paint - interior	0.071	Gal
Porch	Paint - interior primer	0.071	Gal
Porch	Porch Posts, 8x8	4.000	Each
Porch	Porch Railing, Pressure Treated	19.970	LF

Porch	Pressure Treated Deck Surface, 5/4x6	386.635	LF
Porch	Sheathing 1/2"	3.031	Sheet
Porch	Tyvek Building Wrap	17.724	SF
Porch beam	4 x 6 x 12'	4.000	ea.
Porch beam	4x10x10	8.364	LF
Porch steps	Porch Steps, PressureTreated	1.000	Each
Roof - main	#30 Felt	15.311	Square (100SF)
Roof - main	Asphalt shingle	15.311	Square (100SF)
Roof - main	Sheathing 1/2"	47.465	Sheet
Stairs	2x12x16 stringers	3.000	Each
Stairs	Stair risers 1x8	16.000	Pieces
Stairs	Stair treads	15.000	Pieces
Trim - exterior	1x8 #2SPF	301.616	LF
Trim - exterior	Gutters, .032 Aluminum	100.573	LF
Trim - exterior	Mtl drip edge	177.436	LF
Trim - exterior	Rake mold	54.000	LF
Trim - exterior	Soffit Vents, 3"	87.454	LF
Trim - exterior	Soffit, 3/8" Plywood, ACX, 24"Wide	177.436	LF