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16161A 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, stairs, 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

If you need an Excel version we can email that to you, let us know.

Crawl Foundation

Foundation type	Description	Location	Quantity	Unit
Fdn/crawl	2x6 pt plate	8" block	133.908	LF
Fdn/crawl	Anchor Bolts	8" block	26.782	Pieces
Fdn/crawl	Concrete Block	8" block	405.474	Pieces
Fdn/crawl	insulation,sill gasket	8" block	133.908	LF
Fdn/crawl	Mortar type "N"	8" block	7.208	CF
Fdn/crawl	Poured concrete	24" ftg	8.457	CY
Fdn/crawl	Rebar 1/2" #4, 3 bars	24" ftg	412.5	LF
Fdn/crawl	Stucco over masonry wall	8" block	360.421	SF
Fdn/porch ftg	Poured concrete	24" ftg	0.183	CY
Fdn/porch ftg	Rebar 1/2" #4, 3 bars	24" ftg	24	LF

Slab Foundation

Foundation type	Description	Location	Quantity	Unit
Fdn/slab	4" washed gravel	4" slab	14.658	CY
Fdn/slab	6 mil. film	4" slab	1,066.00	SF
Fdn/slab	Concrete slab	4" slab	14.658	CY
Fdn/slab	Poured concrete	24" ftg	10.466	CY
Fdn/slab	Rebar 1/2" #4, 3 bars	24" ftg	591	LF
Fdn/slab	Welded wire mesh	4" slab	1,066.00	SF

Framing by story

Location	Description	Quantity Unit
Framing clg	2x10x16	3 Each
Framing clg	2x12x8	2 Each
Framing clg	2x6x10	12 Each
Framing clg	2x6x12	27 Each
Framing clg	2x6x16	33 Each
Framing clg	2x6x8	19 Each
Framing fl1	2x10x10	21 Each
Framing fl1	2x10x12	31 Each
Framing fl1	2x10x12pt	6 Each
Framing fl1	2x10x14	21 Each
Framing fl1	2x8x8pt	19 Each
Framing fl2	2x10x10	15 Each
Framing fl2	2x10x12	24 Each
Framing fl2	2x10x12pt	6 Each
Framing fl2	2x10x14	21 Each
Framing fl2	2x10x16	7 Each
Framing fl2	2x8x8pt	19 Each
Framing header	2x10x16	21 Each
Framing LVL's	LVL/Glue-Laminated Timber	53.327 LF
Framing roof	2 x 6 x 18'	74 ea.
Framing roof	2 x12 x 46'	1 ea.
Framing roof	LUMBER OVERALL	1,424.00 Bdft
Porch steps	Porch Steps, PressureTreated	1 Each
Stairs	2x12x16 stringers	3 Each
Stairs	Stair risers 1x8	16 Pieces
Stairs	Stair treads	15 Pieces

General Materials

Description	Quantity Unit
#30 Felt	15.77 Square (100SF)
1x8 #2SPF	357.187 LF
2x4 plate x 3	1,597.03 LF
2x4-10 Hem fir Wd Stud, 16oc	38.664 Pieces
2x4-8 Hem fir Wd Stud, 16oc	263.15 Pieces
2x4-9 Hem fir Wd Stud, 16oc	222.042 Pieces
3" crown	154.062 LF
3/8" Plywood Soffit	12.249 Sheet
6x6x4 pt	4 Each
Asphalt shingle	15.77 Square (100SF)
Base	522.008 LF
Base 2 sides	198.085 LF
Bldg Permit Total Job, Set up costs	1 Each
Building clean up	1 Each
Corner board 5/4x6	349.797 LF
Drywall mud	5.461 5 Gal. Pail
Drywall tape 250' roll	10.922 Roll
FGlas insulation Floor R-see chart	864 SF
FGlas insulation wall R-see chart	2,087.84 SF
FGlas insulation, Ceiling R-see chart	864 SF
Gas Connection	1 Each
Gutters, .032 Aluminum	132.394 LF
GWB 4'x'8'x1/2"	206.145 Sheet
Handrail	66.876 feet
Lattice	36.962 feet
Mtl drip edge	203.125 LF
Paint - exterior	9.279 Gal
Paint - exterior primer	9.279 Gal
Paint - interior	19.931 Gal
Paint - interior primer	19.931 Gal
Porch Ceiling moulding	64 LF
Porch Posts, 8x8	11 Each
Porch Railing, Pressure Treated	165.155 LF
Pressure Treated Deck Surface, 5/4x6	883.2 LF
Rake mold	88 LF
Ridge Vent, Shingle covered	44 LF
Sewer Connection 4" PVC	1 Each
Sheathing 1/2"	126.277 Sheet
Siding	2,496.45 SF
Site Preparation	1 Each
Soffit Vents, 3"	115.125 LF
Stock Plans from architect	1 Each
Subflooring, plywood T&G 3/4"CDX	51.681 Sheet
Termite Protection	1 Each
Tyvek Building Wrap	2,264.45 SF

Water Connection

1 Each

Electrical - Plumbing - Mechanical

Category	Description	Quantity unit
Electrical	Bath Exhaust Fan	3 Each
Electrical	Ceiling Fan	2 Each
Electrical	Complete Electrical Service	1 Each
Electrical	Outlet Ceiling Fixture	7 Each
Electrical	Outlet Wall Fixture	4 Each
Electrical	Recept 220v	2 Each
Electrical	Recept Duplex Out	39 Each
Electrical	Recept Single Out	2 Each
Electrical	Recessed Can	12 Each
Electrical	Smoke Detector - wired	1 Each
Electrical	Switch 3 Way	6 Each
Electrical	Switch Coupled	18 Each
Electrical	Telephone outlet	7 Each
Electrical	TV outlet	2 Each
Equipment	Dishwasher, Medium	1 Each
Equipment	Fireplace mantel, Medium	1 Each
Equipment	Free Stand Range/Hood	1 Each
Equipment	HVAC Equipment	1 Pieces
Equipment	Pre-fab fireplace unit	1 Each
Equipment	Refrigerator (Med)	1 Each
Equipment	Water heater	1 Pieces
Plumbing	Disposer, 1/2HP new work	1 Each
Plumbing	Kitchen Sink double steel bowl	1 Each
Plumbing	Pedestal Sink	1 Each
Plumbing	Vanity Base 1 sink	1 Each
Plumbing	Vanity Base 2 sinks	1 Each
Plumbing	Water Closet, 2 Piece Floor Mounted	3 Each

Doors

Description	Type	W/D opening orientation
2 co	D Opn SemiArch 65	
2 Door-b4068	RD05 Bifold	
1 Door-e2868	RD01 Door ST	L
1 Door-e3068	RD01 Door ST	L
1 Door-e5068	RD02 Swing	R
2 Door-i1668	RD02 Swing	L
2 Door-i2068	RD02 Swing	R
3 Door-i2468	RD02 Swing	L
4 Door-i2468	RD02 Swing	R
3 Door-i2668	RD02 Swing	L
2 Door-i2668	RD02 Swing	R
1 shower	RD02 Swing	

Windows

Description	Type
2 block	W Glass block wall 65
1 Wind-s20310	RW1-4 Doublehung
1 Wind-s24310	RW1-4 Doublehung
5 Wind-s2446	RW1-4 Doublehung
2 Wind-s2452	RW1-4 Doublehung
2 Wind-s2462	RW1-4 Doublehung
1 Wind-s2852	RW1-4 Doublehung
1 Wind-s3446	RW1-4 Doublehung
1 Wind-ti20310	RW1-4 Doublehung
1 Wind-ti5452	RW1-4 Doublehung
2 Wind-ti6046	RW1-4 Doublehung

Repeat materials organized by location

Location	Description	Quantity Unit
Ceilings	Drywall mud	0.864 5 Gal. Pail
Ceilings	Drywall tape 250' roll	1.728 Roll
Ceilings	FGlas insulation, Ceiling R-see chart	864 SF
Ceilings	GWB 4'x'8'x1/2"	26.784 Sheet
Corner boards	Corner board 5/4x6	349.797 LF
Electrical	Bath Exhaust Fan	3 Each
Electrical	Ceiling Fan	2 Each
Electrical	Complete Electrical Service	1 Each
Electrical	Outlet Ceiling Fixture	7 Each
Electrical	Outlet Wall Fixture	4 Each
Electrical	Recept 220v	2 Each
Electrical	Recept Duplex Out	39 Each
Electrical	Recept Single Out	2 Each
Electrical	Recessed Can	12 Each
Electrical	Smoke Detector - wired	1 Each
Electrical	Switch 3 Way	6 Each
Electrical	Switch Coupled	18 Each
Electrical	Telephone outlet	7 Each
Electrical	TV outet	2 Each
Equiptment	Dishwasher, Medium	1 Each
Equiptment	Fireplace mantel, Medium	1 Each
Equiptment	Free Stand Range/Hood	1 Each
Equiptment	HVAC Equipment	1 Pieces
Equiptment	Pre-fab fireplace unit	1 Each
Equiptment	Refrigerator (Med)	1 Each
Equiptment	Water heater	1 Pieces
Exterior walls	2x4 plate x 3	892.327 LF
Exterior walls	2x4-10 Hem fir Wd Stud, 16oc	38.664 Pieces
Exterior walls	2x4-8 Hem fir Wd Stud, 16oc	127.292 Pieces
Exterior walls	2x4-9 Hem fir Wd Stud, 16oc	123 Pieces
Exterior walls	Base	250.292 LF
Exterior walls	Drywall mud	2.088 5 Gal. Pail
Exterior walls	Drywall tape 250' roll	4.176 Roll
Exterior walls	FGlas insulation wall R-see chart	2,087.84 SF
Exterior walls	GWB 4'x'8'x1/2"	64.723 Sheet
Exterior walls	Paint - exterior	9.279 Gal
Exterior walls	Paint - exterior primer	9.279 Gal
Exterior walls	Paint - interior	8.351 Gal
Exterior walls	Paint - interior primer	8.351 Gal
Exterior walls	Sheathing 1/2"	77 Sheet
Exterior walls	Siding	2,497.00 SF
Exterior walls	Tyvek Building Wrap	2,264.00 SF
Floors	Drywall mud	0.803 5 Gal. Pail
Floors	Drywall tape 250' roll	1.606 Roll
Floors	FGlas insulation Floor R-see chart	864 SF

Floors	GWB 4'x'8'x1/2"	24.897 Sheet
Floors	Subflooring, plywood T&G 3/4"CDX	51.681 Sheet
Framing clg	2x10x16	3 Each
Framing clg	2x12x8	2 Each
Framing clg	2x6x10	12 Each
Framing clg	2x6x12	27 Each
Framing clg	2x6x16	33 Each
Framing clg	2x6x8	19 Each
Framing fl1	2x10x10	21 Each
Framing fl1	2x10x12	31 Each
Framing fl1	2x10x12pt	6 Each
Framing fl1	2x10x14	21 Each
Framing fl1	2x8x8pt	19 Each
Framing fl2	2x10x10	15 Each
Framing fl2	2x10x12	24 Each
Framing fl2	2x10x12pt	6 Each
Framing fl2	2x10x14	21 Each
Framing fl2	2x10x16	7 Each
Framing fl2	2x8x8pt	19 Each
Framing header	2x10x16	21 Each
Framing LVL's	LVL/Glue-Laminated Timber	53.327 LF
Framing plan	2x10x10	41 Each
Framing plan	2x10x12	38 Each
Framing plan	2x10x14	90 Each
Framing plan	2x8x8pt	2 Each
Framing plan	Lattice	295.983 feet
Framing plan	Lattice Wall	565.525 SF
Framing roof	2 x 6 x 18'	74 ea.
Framing roof	2 x12 x 46'	1 ea.
Framing roof	LUMBER OVERALL	1,424.00 Bdft
Interior walls	2x4 plate x 3	704.702 LF
Interior walls	2x4-8 Hem fir Wd Stud, 16oc	135.858 Pieces
Interior walls	2x4-9 Hem fir Wd Stud, 16oc	99.042 Pieces
Interior walls	Base	271.716 LF
Interior walls	Base 2 sides	198.085 LF
Interior walls	Drywall mud	1.706 5 Gal. Pail
Interior walls	Drywall tape 250' roll	3.412 Roll
Interior walls	GWB 4'x'8'x1/2"	89.742 Sheet
Interior walls	Paint - interior	11.58 Gal
Interior walls	Paint - interior primer	11.58 Gal
Listing	Bldg Permit Total Job, Set up costs	1 Each
Listing	Building clean up	1 Each
Listing	Gas Connection	1 Each
Listing	Sewer Connection 4" PVC	1 Each
Listing	Site Preparation	1 Each
Listing	Stock Plans from architect	1 Each
Listing	Termite Protection	1 Each
Listing	Water Connection	1 Each
Plumbing	Disposer, 1/2HP new work	1 Each

Plumbing	Kitchen Sink double steel bowl	1 Each
Plumbing	Pedestal Sink	1 Each
Plumbing	Vanity Base 1 sink	1 Each
Plumbing	Vanity Base 2 sinks	1 Each
Plumbing	Water Closet, 2 Piece Floor Mounted	3 Each
Porch	3/8" Plywood Soffit	5.952 Sheet
Porch	6x6x4 pt	4 Each
Porch	Handrail	66.876 feet
Porch	Lattice	36.962 feet
Porch	Porch Ceiling moulding	64 LF
Porch	Porch Posts, 8x8	11 Each
Porch	Porch Railing, Pressure Treated	165.155 LF
Porch	Pressure Treated Deck Surface, 5/4x6	883.2 LF
Porch steps	Porch Steps, PressureTreated	1 Each
Roof - main	#30 Felt	15.77 Square (100SF)
Roof - main	Asphalt shingle	15.77 Square (100SF)
Roof - main	Ridge Vent, Shingle covered	44 LF
Roof - main	Sheathing 1/2"	48.887 Sheet
Stairs	2x12x16 stringers	3 Each
Stairs	Stair risers 1x8	16 Pieces
Stairs	Stair treads	15 Pieces
Trim - exterior	1x8 #2SPF	357.187 LF
Trim - exterior	3" crown	154.062 LF
Trim - exterior	3/8" Plywood Soffit	6.297 Sheet
Trim - exterior	Gutters, .032 Aluminum	132.394 LF
Trim - exterior	Mtl drip edge	203.125 LF
Trim - exterior	Rake mold	88 LF
Trim - exterior	Soffit Vents, 3"	115.125 LF