

ITEM #	Bid/Allowance	DWG#	DETAIL #	Scope	DESCRIPTION	QUANTITY	WASTAGE	QTY W/WASTE	UNIT	UNIT MATERIAL COST	TOTAL MAT COST	PER HOUR LABOR WAGE	PRODUCTION RATE	TOTAL LABOR HOURS	UNIT LABOR COS	TOTAL LABOR COST	UNIT COST	TOTAL COST	TRADE COST																																																						
Bge, CY=Cubic Yard, SF=Square Footage, EA=Count/Each																																																																									
Project: Willis Residence Project Location: 1707 GRANT AVE., SOUTH PLAINFIELD TWP., NJ Project Type: Residential Renovation Date of Estimate 12-04-2026 Covered Area of Structure (SF) 3,598 No. of Units - No. of Floors 3										Project Summary <table><tr><td>Sub-Total:</td><td>\$</td><td>-</td><td></td><td></td><td></td><td>Builder Material Cost:</td><td>\$</td><td>-</td></tr><tr><td>Sales Tax:</td><td>\$</td><td>-</td><td></td><td></td><td></td><td>Builder Labor Cost:</td><td>\$</td><td>-</td></tr><tr><td>Overhead & Profit:</td><td>\$</td><td>-</td><td></td><td></td><td></td><td>Total Manhours:</td><td></td><td>-</td></tr><tr><td>Insurances:</td><td>\$</td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Contingency:</td><td>\$</td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Final Bid Cost:</td><td>\$</td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										Sub-Total:	\$	-				Builder Material Cost:	\$	-	Sales Tax:	\$	-				Builder Labor Cost:	\$	-	Overhead & Profit:	\$	-				Total Manhours:		-	Insurances:	\$	-							Contingency:	\$	-							Final Bid Cost:	\$	-						
										Sub-Total:	\$	-				Builder Material Cost:	\$	-																																																							
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										Contingency:	\$	-																																																													
Final Bid Cost:	\$	-																																																																							
DIVISION BREAKDOWN					MATERIAL COST		LABOR COST		COST/SQFT		SCOPE OF WORK INCLUDED IN EACH DIVISION																																																														
Division 06 - Wood, Plastic & Composites					\$0		\$0		\$0.00		Wood Beams & Headers, interior/exterior walls wood framing, rear deck floor framing/decking and railing, front porch ceiling/roof framing, interior Floors/Ceiling																																																														
Division 07 - Thermal & Moisture Protection					\$0		\$0		\$0.00		Caulkings, Exterior Finishes (Hardiplank Siding, trims, pine Fascia w/ half round molding, Vinyl Soffit Fascia Board, front porch hardiplank soffit ceiling boards, etc.)																																																														
Division 08 - Openings					\$0		\$0		\$0.00		Door/Frames & Hardwares, Trim Work,																																																														
Division 09 - Finishes					\$0		\$0		\$0.00		Drywall																																																														
SUBTOTAL					\$0				\$0.00																																																																
SALES TAX					0.00%				\$0																																																																
OVERHEADS					0.0%				\$0																																																																
PROFITS					0.0%				\$0																																																																
INSURANCE					0.0%				\$0																																																																
CONTINGENCY					0.0%				\$0																																																																
TOTAL BASE BID						\$0				\$0.00																																																															
DIVISION 06 - WOOD, PLASTIC & COMPOSITE																																																																									
					All Lumber Shall Be Air Kiln Dried (Mc=15% Max)& Shall Be Free From Loose Large Knots. Framing note 2/A3																																																																				
					Beams & Headers																																																																				
47	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(3) 2"x 8" Header, L=6'-0"	1	0%	(3) 2"x 8" Header, L=6'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
48	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(3) 2"x 8" Header, L=8'-0"	3	0%	(3) 2"x 8" Header, L=8'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
49	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(3) 2"x 8" Header, L=12'-0"	1	0%	(3) 2"x 8" Header, L=12'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
50	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(2) 2"x 10 Header, L=4'-0"	39	0%	(2) 2"x 10 Header, L=4'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
51	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(2) 2"x 10 Header, L=6'-0"	7	0%	(2) 2"x 10 Header, L=6'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
52	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(2) 2"x 10 Header, L=8'-0"	6	0%	(2) 2"x 10 Header, L=8'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
53	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(3) 2"x 10 Header, L=10'-0"	3	0%	(3) 2"x 10 Header, L=10'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
54	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(2) 2"x 12 Header, L=6'-0"	2	0%	(2) 2"x 12 Header, L=6'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
55	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(2) 2"x 12 Header, L=8'-0"	1	0%	(2) 2"x 12 Header, L=8'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
56	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(3) 2"x 12 Header, L=10'-0"	1	0%	(3) 2"x 12 Header, L=10'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
57	Bid	A3	A3	5 - Rough Framing & Sheathing	(2) 2"x 8" Girder, L=6'-0"	2	0%	(2) 2"x 8" Girder, L=6'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
58	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(2) 2"x 10" Wood Flush Beam, L=8'-0"	1	0%	(2) 2"x 10" Wood Flush Beam, L=8'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
59	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	3'-1/2" x 9'-1/2" Paramam Flush Beam, L=14'-0"	1	0%	3'-1/2" x 9'-1/2" Paramam Flush Beam, L=14'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
60	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	(3) 1'-3/4" x 9'-1/2" Paramam Flush Beam, L=14'-0"	1	0%	(3) 1'-3/4" x 9'-1/2" Paramam Flush Beam, L=14'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
61	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 12" x 6'-0" Ridge Beam	2	0%	2" x 12" x 6'-0" Ridge Beam	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
62	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 12" x 14'-0" Ridge Beam	1	0%	2" x 12" x 14'-0" Ridge Beam	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
63	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 12" x 18'-0" Ridge Beam	1	0%	2" x 12" x 18'-0" Ridge Beam	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
64	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 12" x 20'-0" Ridge Beam	3	0%	2" x 12" x 20'-0" Ridge Beam	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
65	Bid	A5	A5	5 - Rough Framing & Sheathing	(2) 2" x 12" x 6'-0" Ridge Beam	1	0%	(2) 2" x 12" x 6'-0" Ridge Beam	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
66	Bid	A5	A5	5 - Rough Framing & Sheathing	(2) 2" x 12" x 34'-0" Ridge Beam	1	0%	(2) 2" x 12" x 34'-0" Ridge Beam	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
67	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2" x 6" x 8'-0" Rim Joist	2	0%	2" x 6" x 8'-0" Rim Joist	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
68	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2" x 8" x 10'-0" Rim Joist	13	0%	2" x 8" x 10'-0" Rim Joist	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
69	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2" x 12" x 10'-0" P.T Ledger Board	11	0%	2" x 12" x 10'-0" P.T Ledger Board	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
70	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2" x 12" x 10'-0" Rim Joist	67	0%	2" x 12" x 10'-0" Rim Joist	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
71	Bid	A5	A5	5 - Rough Framing & Sheathing	1'-3/4" x 11'-7/8" Paramam rhp beam, L=39'-0"	4	0%	1'-3/4" x 11'-7/8" Paramam rhp beam, L=39'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
72	Bid	A5	A5	5 - Rough Framing & Sheathing	1'-3/4" x 11'-7/8" Paramam rhp beam, L=39'-0"	4	0%	1'-3/4" x 11'-7/8" Paramam rhp beam, L=39'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
73	Bid	A5	A5	5 - Rough Framing & Sheathing	1'-3/4" x 11'-7/8" Paramam rhp beam, L=34'-0"	2	0%	1'-3/4" x 11'-7/8" Paramam rhp beam, L=34'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
74	Bid	A5	A5	5 - Rough Framing & Sheathing	1'-3/4" x 11'-7/8" Paramam rhp beam, L=34'-0"	1	0%	1'-3/4" x 11'-7/8" Paramam rhp beam, L=34'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
75	Bid	A5	A5	5 - Rough Framing & Sheathing	1'-3/4" x 11'-7/8" Paramam rhp beam, L=28'-0"	6	0%	1'-3/4" x 11'-7/8" Paramam rhp beam, L=28'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
76	Bid	A5	A5	5 - Rough Framing & Sheathing	1'-3/4" x 11'-7/8" Paramam rhp beam, L=34'-0"	2	0%	1'-3/4" x 11'-7/8" Paramam rhp beam, L=34'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
77	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2" x 12" Flat Hip Beam, L=24'-0"	2	0%	2" x 12" Flat Hip Beam, L=24'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
78	Bid	A3	100A/A2	5 - Rough Framing & Sheathing	(2) 2" x 6" x 10'-0" P.T Sill Plates bolted in Foundation Wall (ACQ)	21	0%	(2) 2" x 6" x 10'-0" P.T Sill Plates bolted in Foundation Wall (ACQ)	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
Posts																																																																									
79	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	4" x 4" x 10'-0" Wood Post	6	0%	4" x 4" x 10'-0" Wood Post	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
80	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	4" x 8" x 10'-0" Wood Post	7	0%	4" x 8" x 10'-0" Wood Post	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
81	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	6" x 6" x 4'-0" P.T wooden Post (Rear Deck)	2	0%	6" x 6" x 4'-0" P.T wooden Post (Rear Deck)	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
82	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	6" x 6" x 10'-0" P.T wooden Post (Front Porch)	2	0%	6" x 6" x 10'-0" P.T wooden Post (Front Porch)	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
83	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2" x 4" Jack Stud, L=8'-0"	56	0%	2" x 4" Jack Stud, L=8'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
84	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2" x 4" King Stud, L=10'-0"	56	0%	2" x 4" King Stud, L=10'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
85	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2" x 6" Jack Stud, L=8'-0"	50	0%	2" x 6" Jack Stud, L=8'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
86	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2" x 6" King Stud, L=10'-0"	50	0%	2" x 6" King Stud, L=10'-0"	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
Framing																																																																									
					Floor Joists																																																																				
87	Bid	A3-A4	A3-A4	5 - Rough Framing & Sheathing	(2) 2 5/16" x 9-1/2" TJI 230 FLloor Joists @ 16" O.C	1192	5%	1252	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0																																																							
88	Bid	A3-A4	A3-A4	5 - Rough Framing & Sheathing	(2) 2 5/16" x 9-1/2" TJI 230 FLloor Joist, L=4'-0"	1	0%	1	EA																																																																
89	Bid	A3-A4	A3-A4	5 - Rough Framing & Sheathing	(2) 2 5/16" x 9-1/2" TJI 230 FLloor Joist, L=18'-0"	66	0%	66	EA																																																																

90	Bid	A4	A4	5 - Rough Framing & Sheathing	2 5/16" x 9-1/2" TJI 230 Floor Joists @16" O.C	1986	5%	2085	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
91	Bid	A4	A4	5 - Rough Framing & Sheathing	2 5/16" x 9-1/2" TJI 230 Floor Joist, L=4'-0"	2	0%	2	EA									
92	Bid	A4	A4	5 - Rough Framing & Sheathing	2 5/16" x 9-1/2" TJI 230 Floor Joist, L=14'-0"	16	0%	16	EA									
93	Bid	A4	A4	5 - Rough Framing & Sheathing	2 5/16" x 9-1/2" TJI 230 Floor Joist, L=18'-0"	72	0%	72	EA									
94	Bid	A4	A4	5 - Rough Framing & Sheathing	2 5/16" x 9-1/2" TJI 230 Floor Joist, L=26'-0"	9	0%	9	EA									
95	Bid	A4	A4	5 - Rough Framing & Sheathing	2 5/16" x 9-1/2" TJI 230 Floor Joist, L=28'-0"	8	0%	8	EA									
96	Bid	A4	A4	5 - Rough Framing & Sheathing	2" x 10" Cantilevered Floor Joists @16" O.C	32	5%	34	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
97	Bid	A4	A4	5 - Rough Framing & Sheathing	2" x 10" Cantilevered Floor Joist, L=4'-0"	8	0%	8	EA									
					Stairs Landing Joists													
98	Bid	A3	A3	5 - Rough Framing & Sheathing	2" x 6" Stairs landing Joists @16" O.C	20	5%	21	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
99	Bid	A3	A3	5 - Rough Framing & Sheathing	2" x 6" Stairs landing Joists, L=4'-0"	5	0%	5	EA									
					Ceiling Joists													
100	Bid	A4	A4	5 - Rough Framing & Sheathing	2" x 8" Ceiling Joist@16" O.C	498	5%	523	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
101	Bid	A4	A4	5 - Rough Framing & Sheathing	2" x 8" Ceiling Joist,L=4'-0"	8	0%	8	EA									
102	Bid	A4	A4	5 - Rough Framing & Sheathing	2" x 8" Ceiling Joist,L=6'-0"	8	0%	8	EA									
103	Bid	A4	A4	5 - Rough Framing & Sheathing	2" x 8" Ceiling Joist,L=10'-0"	5	0%	5	EA									
104	Bid	A4	A4	5 - Rough Framing & Sheathing	2" x 8" Ceiling Joist,L=16'-0"	23	0%	23	EA									
105	Bid	A4	A4	5 - Rough Framing & Sheathing	2" x 10" P.T Deck Joist@16" O.C	50	5%	53	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
106	Bid	A4	A4	5 - Rough Framing & Sheathing	2" x 10" P.T Deck Joist,L=10'-0"	5	0%	5	EA									
					Roof Rafters													
107	Bid	A4	A4	5 - Rough Framing & Sheathing	2" x 8" Roof Rafters@16" O.C	48	5%	50	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
108	Bid	A4	A4	5 - Rough Framing & Sheathing	2" x 8" Roof Rafters,L=4'-0"	12	0%	12	EA									
109	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters@16" O.C	4202	5%	4412	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
110	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=2'-0"	30	0%	30	EA									
111	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=4'-0"	34	0%	34	EA									
112	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=6'-0"	30	0%	30	EA									
113	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=8'-0"	76	0%	76	EA									
114	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=10'-0"	27	0%	27	EA									
115	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=12'-0"	16	0%	16	EA									
116	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=14'-0"	37	0%	37	EA									
117	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=16'-0"	18	0%	18	EA									
118	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=18'-0"	21	0%	21	EA									
119	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=20'-0"	13	0%	13	EA									
120	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=22'-0"	9	0%	9	EA									
121	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=24'-0"	8	0%	8	EA									
122	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=26'-0"	8	0%	8	EA									
123	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=28'-0"	18	0%	18	EA									
124	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 10" Roof Rafters,L=30'-0"	7	0%	7	EA									
					Collar Tiles													
125	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 4" Collar Ties @16" O.C	192	5%	202	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
126	Bid	A5	A5	5 - Rough Framing & Sheathing	2" x 4" Collar Ties, L=8'-0"	24	0%	24	EA									
					Anchor Bolts													
127	Bid	A3	Deck note 10/A3	5 - Rough Framing & Sheathing	1/2" x 4" Leg Screws w/ washers (ledger Board)	84	0%	84	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
128	Bid	A3	100A/A2	5 - Rough Framing & Sheathing	1/2" Dia x 20" long glavanized anchor bolts @ 6'-0" O.c, 15" Embedment	41	0%	41	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Hardware													
129	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson LUS24	48	0%	48	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
130	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson LUS26	10	0%	10	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
131	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson LUS28	88	0%	88	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
132	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson LUS28-2	4	0%	4	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
133	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson LUS28-3	10	0%	10	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
134	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson LUS210	26	0%	26	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
135	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson HUS210-2	104	0%	104	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
136	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson HUS210-3	6	0%	6	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
137	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson HUS212-2	6	0%	6	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
138	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson HUS212-3	2	0%	2	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
139	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson IUS2.56/9.5	214	0%	214	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
140	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson IUS2.56/9.5-2	134	0%	134	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
141	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson LSSU28	12	0%	12	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
142	Bid	A4-A5	A4-A5	5 - Rough Framing & Sheathing	Simpson LSSU210	373	0%	373	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
143	Bid	A4-A5	A4-A5	5 - Rough Framing & Sheathing	Simpson strong tie H8 Hurricane Clips	385	0%	385	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
144	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson LSCZ Adjustable Stair Stringer Tie	36	0%	36	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
145	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson BB44Z base	6	0%	6	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
146	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson AC4 Cap (adjustable)	6	0%	6	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
147	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	EPC66 Post to beam connector by Simpson	4	0%	4	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0

148	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	166 Post to concrete footing connector by Simpson (hot dipped)	4	0%	4	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
149	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson Strong-Tie CB48 column base	7	0%	7	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
150	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson Strong-Tie CC48 column cap	7	0%	7	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
151	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	Simpson CS16 Strap Bearing Strap for Doors & Windows Headers	768	5%	806	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
152	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	16d nails	1	0%	1	LS	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
153	Bid	A3	A3	5 - Rough Framing & Sheathing	0" (for 3(1-3/4" x 9-1/2" Microllams	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
154	Bid	A4	626/A3	5 - Rough Framing & Sheathing	1/2" Dia x 9" Bolts W/ Washer @ 16" O.C Staggered top & bottom (@ fitch plate)	14	0%	14	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Wood Studs													
155	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x4" Wooden Interior (Furring) Wall Studs @ 16" OC W/2 Top & 1 Bottom Plate	123	5%	129	Lf.Wall									
156	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x4" Wooden Studs @ 10'-0" High	98	0%	98	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
157	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x4" Wall Mid Height Blocking @ 10'-0" Long	13	0%	13	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
158	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x4" P.T Bottom Wooden Plates @ 10'-0" Long	13	0%	13	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
159	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x4" Wooden Top Plates @ 10'-0" Long	26	0%	26	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
160	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x4" Wooden Interior Wall Studs @ 16" OC W/2 Top & 1 Bottom Plate	69	5%	72	Lf.Wall									
161	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x4" Wooden Studs @ 10'-0" High	55	0%	55	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
162	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x4" Wall Mid Height Blocking @ 10'-0" Long	8	0%	8	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
163	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x4" P.T Bottom Wooden Plates @ 10'-0" Long	8	0%	8	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
164	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x4" Wooden Top Plates @ 10'-0" Long	16	0%	16	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
165		A4	A4	5 - Rough Framing & Sheathing	2"x4" Wooden Interior Wall Studs @ 16" OC W/2 Top & 1 Bottom Plate	284	5%	298	Lf.Wall									
166	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x4" Wooden Studs @ 8'-0" High	225	0%	225	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
167	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x4" Wall Mid Height Blocking @ 8'-0" Long	38	0%	38	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
168	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x4" P.T Bottom Wooden Plates @ 8'-0" Long	38	0%	38	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
169	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x4" Wooden Top Plates @ 8'-0" Long	76	0%	76	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
170	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x4" Wooden Interior Wall Studs (Island Knee Wall) @ 16" OC W/2 Top & 1 Bottom Plate	10	5%	11	Lf.Wall									
171	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x4" Wooden Studs @ 4'-0" High	9	0%	9	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
172	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x4" Bottom Wooden Plates @ 10'-0" Long	2	0%	2	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
173	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x4" Wooden Top Plates @ 10'-0" Long	4	0%	4	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
174	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x6" WoodenExterior Wall Studs (Attic Knee Wall) @ 16" OC W/2 Top & 1 Bottom Plate	100	5%	105	Lf.Wall									
175	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x6" Wooden Studs @ 4'-0" High	80	0%	80	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
176	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x6" Bottom Wooden Plates @ 10'-0" Long	11	0%	11	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
177	Bid	A3	A3	5 - Rough Framing & Sheathing	2"x6" Wooden Top Plates @ 10'-0" Long	22	0%	22	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
178	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x6" Wooden Interior Wall Studs @ 16" OC W/2 Top & 1 Bottom Plate	32	5%	34	Lf.Wall									
179	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x6" Wooden Studs @ 10'-0" High	26	0%	26	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
180	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x6" Wall Mid Height Blocking @ 10'-0" Long	4	0%	4	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
181	Bid	A4	A4	5 - Rough Framing & Sheathing	2"x6" Bottom Wooden Plates @ 10'-0" Long	4	0%	4	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
182	Bid	A4	A4		2"x6" Wooden Top Plates @ 10'-0" Long	8	0%	8	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
183	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2"x6" Wooden Exterior Wall Studs @ 16" OC W/2 Top & 1 Bottom Plate	311	5%	327	Lf.Wall									
184	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2"x6" Wooden Studs @ 10'-0" High	246	0%	246	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
185	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2"x6" Wall Mid Height Blocking @ 10'-0" Long	33	0%	33	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
186	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2"x6" Bottom wooden plates @ 10'-0" Long	33	0%	33	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
187	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2"x6" wooden top plates @ 10'-0" Long	66	0%	66	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
188	Bid	A1 - A2	A1 - A2	5 - Rough Framing & Sheathing	2" x 6" Gable Studs @ 16" O.C													
189	Bid	A1 - A2	A1 - A2	5 - Rough Framing & Sheathing	2" x 6" Wooden Studs @ 2'-0" High	15	0%	15	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
190	Bid	A1 - A2	A1 - A2	5 - Rough Framing & Sheathing	2" x 6" Wooden Studs @ 4'-0" High	16	0%	16	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
191	Bid	A1 - A2	A1 - A2	5 - Rough Framing & Sheathing	2" x 6" Wooden Studs @ 6'-0" High	11	0%	11	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
192	Bid	A1 - A2	A1 - A2	5 - Rough Framing & Sheathing	2" x 6" Wooden Studs @ 8'-0" High	9	0%	9	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					2" x 6" wooden top plates @ 10'-0" Long	16	0%	16	PCs	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Blocking													

193	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2" x 4" x 8'-0" Bathroom Blocking	35	0%	35	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
194	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	2" x 4" x 10'-0" Millwork Blocking	20	0%	20	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
195	Bid	A3 - A4	100A/A2	5 - Rough Framing & Sheathing	2" x 4" x 10'-0" Fascia Blocking	36	0%	36	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Existing Girder Reinforcement													
196	Bid	A3	A3	5 - Rough Framing & Sheathing	Basement Existing Girder reinforcement including adding of 1/2" plywood sheathing each side, bolted (L=12'-6")	1	0%	1	LS	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Sheathing													
197	Bid	A4	A4	5 - Rough Framing & Sheathing	3/4" T & G Plywood Subfloor Sheathing (4'-0" x 8'-0" EA) (Existing 2nd Floor)	15	0%	15	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
198	Bid	A3 - A4	100A/A2	5 - Rough Framing & Sheathing	3/4" T & G Plywood Subfloor Sheathing (4'-0" x 8'-0" EA)	125	0%	125	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
199	Bid	A3	2/A3	5 - Rough Framing & Sheathing	1/2" Plywood Attic Floor Sheathing (4'-0" x 8'-0" EA)	31	5%	33	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
200	Bid	A4-A5	100A/A2	5 - Rough Framing & Sheathing	5/8" Exterior Grade Roof Plywood Sheathing (4'-0" x 8'-0" EA)	158	0%	158	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
201	Bid	A3 - A4	100A/A2	5 - Rough Framing & Sheathing	1/2" Exterior Grade Plywood Sheathing (4'-0" x 8'-0" EA)	95	5%	100	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
202	Bid	A3 - A4	A3 - A4	5 - Rough Framing & Sheathing	5/8" Exterior Grade Plywood Sheathing (4'-0" x 8'-0" EA)	6	5%	6	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					1st Floor Rear Deck													
203	Bid	A4	Deck Notes #13, #16	06 - Decking, Stairs & Railing	36" high guardrail per IRC R-312 - (6) 4"x4" ACQ posts through-bolted w/ 1/2" HDG carriage bolts, 2"x4" ACQ top & bottom rails, 2"x6" ACQ cap rail, 2"x2" ACQ balusters @ 4" O.C. max, all hardware triple HDG	16	5%	17	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
204	Bid	A4	Deck Notes #13, #2	06 - Decking, Stairs & Railing	Self-adhering waterproof membrane behind ledger full height + 6" up wall, galv. metal cap flashing over ledger top lapped min 2" under siding	10	5%	11	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
205	Bid	A4	Deck Notes #2, #5, #13	06 - Decking, Stairs & Railing	5/4"x6" ACQ decking face-fastened w/ HDG screws @ 3/16" gap, 5/4"x6" ACQ fascia to rim joist, joist tape to all joist tops, end grain sealer all cut ends	40	5%	42	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
206	Bid	A4	Deck Notes #17, #16	06 - Decking, Stairs & Railing	(3) 2"x12" ACQ stringers lag-bolted to rim, 5/4"x6" ACQ treads HDG screwed (5 treads @ 36" wide), 3000 PSI concrete footing min 3'-6" below grade, graspable 1-1/2" dia handrail both sides, 2"x2" ACQ baluster guardrail @ 4" O.C. open sides	1	0%	1	LS	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
207	Bid	A4	Deck Notes #2, #5	06 - Decking, Stairs & Railing	Semi-transparent penetrating deck stain/sealer 2 coats - all exposed ACQ surfaces: decking, fascia, cap rail, balusters, posts & stair treads	205	0%	205	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Basement Stairs Construction (Existing Basement to Media Room & Existing Basement to New Basement Hall)													
208	Bid	A3	IRC R-311.7	06 - Decking, Stairs & Railing	2"x12" SPF stringers L=6'-0" - cut to rise/run, lag-bolted top & bottom	6	0%	6	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
209	Bid	A3	IRC R-311.7	06 - Decking, Stairs & Railing	10"x36" oak treads pre-finished + 7-5/8"x36" pine risers pre-finished - set & nail to stringers (8 treads + 10 risers)	1	0%	1	LS	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
210	Bid	A3	RC R-312 IRC R-311.7.8	06 - Decking, Stairs & Railing	36" high guardrail w/ balusters @ 4" O.C. max, cap rail, (3) 4"x4" newel posts through-bolted - paint grade wood, std hardware	15	0%	15	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Basement Escape well Railing - Exterior Grade													
211	Bid	A3	R-312 Deck Notes	06 - Decking, Stairs & Railing	36" high guardrail w/ balusters @ 4" O.C. max, (1) 4"x4" ACQ newel post through-bolted w/ (2) 1/2" HDG bolts ACQ treated, triple HDG hardware	14	0%	14	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
212	Bid	A3	311.7.8 Deck Notes	06 - Decking, Stairs & Railing	Graspable 1-1/2" dia ACQ handrail triple HDG brackets @ 48" O.C. max	13	0%	13	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					1st Floor Stair - Garage To Mudroom (Interior Grade)													
213	Bid	A4	IRC R-311.7	06 - Decking, Stairs & Railing	2"x12" SPF stringers L=3'-0" cut to rise/run, lag-bolted top & bottom	3	0%	3	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
214	Bid	A4	IRC R-311.7	06 - Decking, Stairs & Railing	10"x48" oak treads pre-finished + 7-5/8"x48" pine risers pre-finished set & nail to stringers (2 treads + 3 risers)	1	0%	1	LS	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
215	Bid	A4	IRC R-312	06 - Decking, Stairs & Railing	36" high railing w/ newel posts & balusters @ 4" O.C. max paint grade wood, std hardware	6	0%	6	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Existing Stairs Refinishing (Basement to 1st and 1st Floor)													
216	Bid	A3 - A4	IRC R-311.7	06 - Decking, Stairs & Railing	risers - sand, stain & 2-coat poly refinish in place (23 treads + 27 risers)	1	0%	1	LS	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					2nd Floor to Attic Stair Construction (Interior Grade)													

217	Bid	A3 - A4	IRC R-311.7	06 - Decking, Stairs & Railing	2"x12" SPF stringers L=8'-0" - cut to rise/run, lag-bolted top & bottom	6	0%	6	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
218	Bid	A3 - A4	IRC R-311.7	06 - Decking, Stairs & Railing	10"x36" oak treads pre-finished + 7-5/8"x36" pine risers pre-finished - set & nail to stringers (9 treads + 11 risers)	1	0%	1	LS	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
219	Bid	A3 - A4	R-312 IRC R-311.7.8	06 - Decking, Stairs & Railing	36" high guardrail w/ balusters @ 4" O.C. max, cap rail, (5) 4"x4" newel posts through-bolted - stair & attic hall - paint grade wood, std hardware	25	0%	25	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
220	Bid	A3 - A4	IRC R-311.7.8	06 - Decking, Stairs & Railing	Graspable 1-1/2" dia hardwood handrail - std brackets @ 48" O.C. max	13	0%	13	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					2nd Floor Hall Railing													
221	Bid	A4-A5	R-312 IRC R-311.7.8	06 - Decking, Stairs & Railing	36" high guardrail w/ balusters @ 4" O.C. max, cap rail, (2) 4"x4" newel posts through-bolted - paint grade wood, std hardware	13	0%	13	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Base Molding													
222	Bid	A3 - A4	A3 - A4	Interior Trim, Molding & Cas	3-1/2" paint-grade solid poplar base molding coped inside corners, mitered outside corners - all finished	996	5%	1046	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
223	Bid	A3 - A4	A3 - A4	Interior Trim, Molding & Cas	Crown Molding 3-1/4" paint-grade poplar crown molding - coped inside corners, mitered outside corners - living areas, kitchen, dining, bedrooms & foyer	650	5%	683	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
224	Bid	A3-A4	Div 06 22 00	Interior Trim, Molding & Cas	Doors and Windows Interior Trim 1x4 paint-grade poplar door casing - craftsman profile - both sides of opening, head casing, mitered returns -all interior doors all floors	984	5%	1033	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
225	Bid	A3-A4	Div 06 22 00	Interior Trim, Molding & Cas	1x4 paint-grade poplar door casing - craftsman profile - interior side of exterior door openings, head casing, mitered returns	102	5%	107	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
226	Bid	A3-A4	Div 06 22 00	Interior Trim, Molding & Cas	1x4 paint-grade poplar window casing - craftsman profile - side casings, head casing, stool & apron -all interior windows all floors	463	5%	486	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
Subtotal (Wood, Plastic & Composite)								Total Material Cost:		\$0			Total Labor Cost:		\$0			\$0

DIVISION 07- THERMAL & MOISTURE PROTECTION																		
					Acoustic Sealant													
272	Bid	A3 - A4	A3 - A4	ulation, Air Sealing & Waterp	Drywall Caulkings	2648	5%	2780	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Hardie Siding Panels													
273	Bid	A1 - A2	Div 07 46 36 James Hardie Install Guide	10 - Exterior Cladding	HardiePlank 6" lap siding - horizontal - factory primed ColorPlus	1133	5%	1190	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
274	Bid	A1 - A2	Div 07 46 36 James Hardie Install Guide	10 - Exterior Cladding	HardiePlank 12" vertical board siding - factory primed ColorPlus	837	5%	879	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
275	Bid	A1 - A2	Div 07 46 36 James Hardie Install Guide	10 - Exterior Cladding	HardiePlank cedar mill shake - horizontal - factory primed ColorPlus	50	5%	53	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Trims													
276	Bid	A1 - A2	Div 07 46 00	10 - Exterior Cladding	1/2"x4" AZEK cellular PVC trim - window sill caps + accent pieces	78	5%	82	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
277	Bid	A1 - A2	Div 07 46 00	10 - Exterior Cladding	1"x8" AZEK cellular PVC trim - garage door surround - blends w/ curved arch fascia at transition	88	5%	92	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
278	Bid	A1 - A2	Div 07 46 00	10 - Exterior Cladding	1/2"x8" AZEK cellular PVC trim - window + door surrounds - all elevations	238	5%	250	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
279	Bid	A1 - A2	Div 07 46 00	10 - Exterior Cladding	1"x6" AZEK cellular PVC corner boards - both faces all building corners - full height	281	5%	295	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
280	Bid	A1 - A2	Div 07 46 00	10 - Exterior Cladding	1"x8" AZEK cellular PVC fascia - upper + lower eave - full perimeter - replaces pine per section detail	360	5%	378	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
281	Bid	A1 - A2	Div 07 46 00	10 - Exterior Cladding	3/4" AZEK cellular PVC quarter round - fascia to soffit joint - full perimeter	360	5%	378	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
282	Bid	A1 - A2	Div 07 46 00	10 - Exterior Cladding	1/2"x12" AZEK cellular PVC belly band / frieze board - horizontal accent between floors	147	5%	154	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
283	Bid	A1 - A2	Div 07 46 00	10 - Exterior Cladding	AZEK cellular PVC post wrap H=8'-6" - front porch 6"x6" posts - mitered corners, glued + nailed	2	5%	2	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0

284	Bid	A1 - A2	Div 07 46 00	10 - Exterior Cladding	AZEK Frontier 1"x6" flexible PVC - curved arch fascia - garage roofline arc - blends w/ straight 1"x8" AZEK runs	24	5%	25	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
285	Bid	A1 - A2	Div 07 46 00	10 - Exterior Cladding	1"x4" AZEK cellular PVC exterior casing - all doors + windows all elevations	565	5%	593	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Hardie Soffit/Fascia Board													
286	Bid	A1 - A2	Div 07 46 36	10 - Exterior Cladding	James Hardie HardieSoffit panel - vented - main eave w/ continuous 4" seamless soffit vent - factory primed	360	5%	378	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
287	Bid	A1 - A2	Div 07 46 36	10 - Exterior Cladding	James Hardie HardieSoffit panel - smooth finish - front porch ceiling - factory primed	30	5%	32	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					Exterior Decorative Gable and Brackets													
288	Bid	A1	A1	10 - Exterior Cladding	Fypon Decorative Triangle Gable, GPD60x24 trimmed	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
289	Bid	A1	A1	10 - Exterior Cladding	Fypon 6" Brackets	5	0%	5	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
					SIDING ACCESSORIES & STARTER STRIPS													
290	Bid	A1 - A2	Div 07 46 36 James Hardie Install Guide	10 - Exterior Cladding	Hardie galv nails + corrosion-resistant screws, ColorPlus caulk + joint sealant, starter strip plaster-to-siding + stone-to-siding - all per James Hardie installation requirements	1	0%	1	LS	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
Subtotal (Thermal & Moisture Protection)								Total Material Cost:		\$0			Total Labor Cost:		\$0			\$0

DIVISION 08- OPENINGS																		
					Interior Doors													
291	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	(2) 1'-0" x 6'-8" Wooden Folding Door and Frame (Basement Hall Closet)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
292	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	(2) 2'-0" x 6'-8" Wooden Double Sliding Door and Frame (Basement Hall Closet)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
293	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	(2) 2'-4" x 6'-8" Wooden Double Door and Frame (Basement Gym Area)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
294	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-6" x 6'-8" Wooden Left Hand Door and Frame (Basement Mech/Storage)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
295	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-8" x 6'-8" Wooden Right Hand Door and Frame (Basement Bedroom)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
296	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-4" x 6'-8" Wooden Right Hand Door and Frame (Basement Bedroom Walk-in Closet)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
297	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	3'-0" x 6'-8" Wooden Right Hand Door and Frame (1st Floor Master Bedroom)	2	0%	2	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
298	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	3'-0" x 6'-8" Wooden Pocket Door and Frame (1st Floor Master Bathroom)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
299	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-8" x 6'-8" Wooden Left Hand Door and Frame (1st Floor Master Bedroom Walk-in Closet)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
300	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-8" x 6'-8" Wooden Right Hand Door and Frame (Mudroom)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
301	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	3'-0" x 6'-8" Wooden Left Hand Door and Frame, 20 Min Fire Rated Door (Mudroom)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
302	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	(2) 2'-0" x 6'-8" Wooden Door and Frame (Family Room Closet)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
303	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-4" x 6'-8" Wooden Left Hand Door and Frame (Powder Room)	1	1%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
304	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-4" x 6'-8" Wooden Left Hand Door and Frame (2nd Floor to 1st Floor Stair)	1	1%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
305	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	(2) 2'-6" x 6'-8" Wooden Louvered Door and Frame (Laundry Room)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
306	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	(2) 1'-6" x 6'-8" Wooden Door and Frame (Laundry Linen Closet)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
307	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	(2) 2'-0" x 6'-8" Wooden Door and Frame (2nd Floor Hall Closet)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
308	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-8" x 6'-8" Wooden Right Hand Door and Frame (2nd Floor Bedroom #2)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
309	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-4" x 6'-8" Wooden Left Hand Door and Frame (2nd Floor Bedroom #2 Walk-in Closet)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
310	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-8" x 6'-8" Wooden Right Hand Door and Frame (2nd Floor Bedroom #3)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
311	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-4" x 6'-8" Wooden Left Hand Door and Frame (2nd Floor Bedroom #3 Walk-in Closet)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
312	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-8" x 6'-8" Wooden Left Hand Door and Frame (2nd Floor Bedroom #4)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
313	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-4" x 6'-8" Wooden Left Hand Door and Frame (2nd Floor Bedroom #4 Walk-in Closet)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0
314	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-8" x 6'-8" Wooden Left Hand Door and Frame (2nd Floor Bedroom #4 Bathroom)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0

315	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-8" x 6'-8" Wooden Right Hand Door and Frame (2nd Floor Bedroom #5)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
316	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-4" x 6'-8" Wooden Left Hand Door and Frame (2nd Floor Bedroom #5)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
317	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	2'-6" x 6'-8" Wooden Right Hand Door and Frame (2nd Floor Bedroom #5)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
318	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	3'-0" x 4'-0" Wooden Clopay, Right Hand Door and Frame (Attic Access)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
319	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	3'-0" x 2'-6" Wooden Left Hand Door and Frame (Attic Access)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
320	Bid	A4	A4	1 - Interior Doors & Hardware	24" x 36" Attic Access Panel	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
					Hardware, Emtek															
321	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	Double Stacking Folding Dummy Door hardware	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
322	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	Dummy Door hardware	7	0%	7	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
323	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	Privacy Door hardware	10	0%	10	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
324	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	Privacy Pocket Door hardware	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
325	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	Dummy Double Door hardware	4	0%	4	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
326	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	Passage Door hardware	3	0%	3	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
327	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	Passage Double Door hardware	2	0%	2	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
328	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	Attic Access Doors Hardware	2	0%	2	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
					Flashing & Sealant															
329	Bid	A3-A4	A3-A4	1 - Interior Doors & Hardware	Flashing & Sealant	984	5%	1033	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
					Exterior Doors															
330	Bid	A3-A4	A3-A4	2 - Windows & Exterior Door	2'-8" x 6'-8" Fiberglass prehung Left Hand Door and Frame (Basement Entry)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
331	Bid	A3-A4	A3-A4	2 - Windows & Exterior Door	(2) 3'-0" x 6'-8" Wooden Glass Door and Frame (Exterior Front Entry), Anderson 400 Series	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
332	Bid	A3-A4	A3-A4	2 - Windows & Exterior Door	(2) 3'-0" x 6'-8" Glass Sliding Door and Frame, Anderson 400 Series (Rear Deck)	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
333	Bid	A3-A4	A3-A4	2 - Windows & Exterior Door	9'-0" x 8'-0" Clopay, Garage Overhead Door and Frame	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
					Hardware, Emtek															
334	Bid	A3-A4	A3-A4	2 - Windows & Exterior Door	Exterior Front Entry Double Door Hardware	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
335	Bid	A3-A4	A3-A4	2 - Windows & Exterior Door	Glass Sliding Door Hardware	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
336	Bid	A3-A4	A3-A4	2 - Windows & Exterior Door	Garage Overhead Door Hardware	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
337	Bid	A3-A4	A3-A4	2 - Windows & Exterior Door	Entry Door Hardware	1	0%	1	EA	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
					Flashing & Sealant															
338	Bid	A3-A4	A3-A4	2 - Windows & Exterior Door	Flashing & Sealant	204	5%	214	LF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
Subtotal (Openings)								Total Material Cost:				\$0		Total Labor Cost:				\$0		\$0
DIVISION 09- FINISHES																				
					Drywall (Walls & Ceilings)															
					Walls															
383	Bid	A3 - A4	A3 - A4	5 - Drywall & Interior Painting	1/2" Gypsum board	8751	10%	9626	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
384	Bid	A4	A4	5 - Drywall & Interior Painting	1/2" Gypsum board (at 1st and 2nd floor)	1928	10%	2121	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
385	Bid	A4	A4	5 - Drywall & Interior Painting	1/2" moisture resistant Gypsum board	192	10%	211	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
386	Bid	A3 - A4	A3 - A4	5 - Drywall & Interior Painting	1/2" moisture resistant Wall Gypsum board	1037	10%	1141	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
387	Bid	A3 - A4	A3 - A4	5 - Drywall & Interior Painting	5/8" Type X Gypsum board (Garage)	603	10%	663	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
388	Bid	A3 - A4	A3 - A4	5 - Drywall & Interior Painting	1/2" Cement Becker Board	590	10%	649	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
					Ceilings & Soffits															
389	Bid	A3 - A4	A3 - A4	5 - Drywall & Interior Painting	1/2" Gypsum board	4756	10%	5232	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
390	Bid	A3 - A4	A3 - A4	5 - Drywall & Interior Painting	1/2" moisture resistant Gypsum board	401	10%	441	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
391	Bid	A3 - A4	A3 - A4	5 - Drywall & Interior Painting	5/8" Type X Gypsum board (Garage)	256	10%	282	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
392	Bid	A3 - A4	A3 - A4	5 - Drywall & Interior Painting	5/8" Type X Gypsum board (mudroom)	256	10%	282	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
					Drywall Finishing															
393	Bid	A3 - A4	A3 - A4	5 - Drywall & Interior Painting	Level 04 (tape & mud Drywall)	12511	10%	13762	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
394	Bid	A3 - A4	A3 - A4	5 - Drywall & Interior Painting	Level 04 (tape & mud Drywall) (Ceilings)	5413	10%	5954	SF	\$0.0	\$0	\$0	0.000	0	\$0.00	\$0	\$0.00	\$0		
Subtotal (Finishes)								Total Material Cost:				\$0		Total Labor Cost:				\$0		\$0

WILLIS RESIDENCE — LUMBER CUT LIST (Waste-Optimized)

Project: Willis Residence | 1707 Grant Ave., South Plainfield Twp., NJ | Div. 06 – Wood, Plastic & Composites | All lumber KD (MC≤15%), free from loose large knots

#	MATERIAL SIZE	SUBCATEGORY	CUT DESCRIPTION	CUT LENGTH (ft)	QTY REQUIRED	STOCK LENGTH (ft)	CUTS / STOCK	BOARDS TO ORDER	TOTAL LUMBER (LF)	WASTE (LF)	WASTE %
2×4 KD Lumber											
1	2×4 KD Lumber	Studs	2"×4" Jack Stud	0' - 8"	56	0' - 8"	1	56	448	0.0	0.0%
2	2×4 KD Lumber	Studs	2"×4" King Stud	1' - 0"	56	1' - 0"	1	56	560	0.0	0.0%
3	2×4 KD Lumber	Studs	2"×4" Interior Stud @ 10' (Furring)-Grp1	1' - 0"	98	1' - 0"	1	98	980	0.0	0.0%
4	2×4 KD Lumber	Studs	2"×4" Interior Stud @ 10' - Group 2	1' - 0"	56	1' - 0"	1	56	560	0.0	0.0%
5	2×4 KD Lumber	Studs	2"×4" Interior Stud @ 8' - Group 3	0' - 8"	225	0' - 8"	1	225	1,800	0.0	0.0%
6	2×4 KD Lumber	Studs	2"×4" Knee Wall Stud @ 4' (Island)	0' - 4"	9	1' - 2"	3	3	36	0.0	0.0%
7	2×4 KD Lumber	Plates	2"×4" Mid-Height Blocking @ 10'	1' - 0"	21	1' - 0"	1	21	210	0.0	0.0%
8	2×4 KD Lumber	Plates	2"×4" Mid-Height Blocking @ 8'	0' - 8"	38	0' - 8"	1	38	304	0.0	0.0%
9	2×4 KD Lumber	Plates	2"×4" P.T Bottom Plate @ 10'	1' - 0"	23	1' - 0"	1	23	230	0.0	0.0%
10	2×4 KD Lumber	Plates	2"×4" P.T Bottom Plate @ 8'	0' - 8"	38	0' - 8"	1	38	304	0.0	0.0%
11	2×4 KD Lumber	Plates	2"×4" Top Plate @ 10'	1' - 0"	50	1' - 0"	1	50	500	0.0	0.0%
12	2×4 KD Lumber	Plates	2"×4" Top Plate @ 8'	0' - 8"	76	0' - 8"	1	76	608	0.0	0.0%
13	2×4 KD Lumber	Collar Ties	2"×4" Collar Tie	0' - 8"	24	0' - 8"	1	24	192	0.0	0.0%
14	2×4 KD Lumber	Blocking	2"×4" Bathroom Blocking	0' - 8"	35	0' - 8"	1	35	280	0.0	0.0%
15	2×4 KD Lumber	Blocking	2"×4" Millwork Blocking	1' - 0"	20	1' - 0"	1	20	200	0.0	0.0%
16	2×4 KD Lumber	Blocking	2"×4" Fascia Blocking	1' - 0"	36	1' - 0"	1	36	360	0.0	0.0%
2×6 KD Lumber											
17	2×6 KD Lumber	Rim Joists	2"×6" Rim Joist	0' - 8"	2	0' - 8"	1	2	16	0.0	0.0%
18	2×6 KD Lumber	Stair Landing	2"×6" Stair Landing Joist	0' - 4"	5	2' - 0"	5	1	20	0.0	0.0%
19	2×6 KD Lumber	Studs	2"×6" Jack Stud	0' - 8"	50	0' - 8"	1	50	400	0.0	0.0%
20	2×6 KD Lumber	Studs	2"×6" King Stud	1' - 0"	50	1' - 0"	1	50	500	0.0	0.0%
21	2×6 KD Lumber	Studs	2"×6" Attic Knee Wall Stud @ 4'	0' - 4"	80	0' - 8"	2	40	320	0.0	0.0%
22	2×6 KD Lumber	Studs	2"×6" Exterior Wall Stud @ 10'	1' - 0"	247	1' - 0"	1	247	2,470	0.0	0.0%
23	2×6 KD Lumber	Studs	2"×6" Interior Wall Stud @ 10'	1' - 0"	27	1' - 0"	1	27	270	0.0	0.0%
24	2×6 KD Lumber	Studs	2"×6" Gable Stud @ 2'	0' - 2"	15	1' - 0"	5	3	30	0.0	0.0%
25	2×6 KD Lumber	Studs	2"×6" Gable Stud @ 4'	0' - 4"	16	0' - 8"	2	8	64	0.0	0.0%
26	2×6 KD Lumber	Studs	2"×6" Gable Stud @ 6'	0' - 6"	11	1' - 2"	2	6	72	6.0	8.3%
27	2×6 KD Lumber	Studs	2"×6" Gable Stud @ 8'	0' - 8"	9	0' - 8"	1	9	72	0.0	0.0%
28	2×6 KD Lumber	Plates	2"×6" Mid-Height Blocking @ 10' (Ext)	1' - 0"	33	1' - 0"	1	33	330	0.0	0.0%
29	2×6 KD Lumber	Plates	2"×6" Mid-Height Blocking @ 10' (Int)	1' - 0"	4	1' - 0"	1	4	40	0.0	0.0%
30	2×6 KD Lumber	Plates	2"×6" P.T Bottom Plate @ 10' (Attic KW)	1' - 0"	11	1' - 0"	1	11	110	0.0	0.0%
31	2×6 KD Lumber	Plates	2"×6" P.T Bottom Plate @ 10' (Ext)	1' - 0"	33	1' - 0"	1	33	330	0.0	0.0%
32	2×6 KD Lumber	Plates	2"×6" P.T Bottom Plate @ 10' (Int)	1' - 0"	4	1' - 0"	1	4	40	0.0	0.0%
33	2×6 KD Lumber	Plates	2"×6" Top Plate @ 10' (Attic KW)	1' - 0"	22	1' - 0"	1	22	220	0.0	0.0%
34	2×6 KD Lumber	Plates	2"×6" Top Plate @ 10' (Ext)	1' - 0"	66	1' - 0"	1	66	660	0.0	0.0%
35	2×6 KD Lumber	Plates	2"×6" Top Plate @ 10' (Int)	1' - 0"	8	1' - 0"	1	8	80	0.0	0.0%
36	2×6 KD Lumber	Plates	2"×6" Top Plate @ 10' (Gable)	1' - 0"	16	1' - 0"	1	16	160	0.0	0.0%
2×6 PT Lumber											
37	2×6 PT Lumber	Sill Plates	2"×6" P.T Sill Plate @ 10' (Foundation, ACQ)	1' - 0"	21	1' - 0"	1	21	210	0.0	0.0%
2×8 KD Lumber											
38	2×8 KD Lumber	Headers	2"×8" Header Ply @ 6' (for 3-ply header)	0' - 6"	3	1' - 8"	3	1	18	0.0	0.0%
39	2×8 KD Lumber	Headers	2"×8" Header Ply @ 8' (for 3-ply header)	0' - 8"	9	0' - 8"	1	9	72	0.0	0.0%
40	2×8 KD Lumber	Headers	2"×8" Header Ply @ 12' (for 3-ply header)	1' - 2"	3	1' - 2"	1	3	36	0.0	0.0%
41	2×8 KD Lumber	Girders	2"×8" Girder Ply @ 6' (for 2-ply girder)	0' - 6"	4	1' - 2"	2	2	24	0.0	0.0%
42	2×8 KD Lumber	Rim Joists	2"×8" Rim Joist @ 10'	1' - 0"	13	1' - 0"	1	13	130	0.0	0.0%
43	2×8 KD Lumber	Ceiling Joists	2"×8" Ceiling Joist @ 4'	0' - 4"	8	0' - 8"	2	4	32	0.0	0.0%

44	2×8 KD Lumber	Ceiling Joists	2"×8" Ceiling Joist @ 6'	0' - 6"	8	1' - 2"	2	4	48	0.0	0.0%
45	2×8 KD Lumber	Ceiling Joists	2"×8" Ceiling Joist @ 10'	1' - 0"	5	1' - 0"	1	5	50	0.0	0.0%
46	2×8 KD Lumber	Ceiling Joists	2"×8" Ceiling Joist @ 16'	1' - 6"	23	1' - 6"	1	23	368	0.0	0.0%
47	2×8 KD Lumber	Roof Rafters	2"×8" Roof Rafter @ 4'	0' - 4"	12	0' - 8"	2	6	48	0.0	0.0%
2×10 KD Lumber											
48	2×10 KD Lumber	Headers	2"×10" Header Ply @ 4' (for 2-ply header)	0' - 4"	78	0' - 8"	2	39	312	0.0	0.0%
49	2×10 KD Lumber	Headers	2"×10" Header Ply @ 6' (for 2-ply header)	0' - 6"	14	1' - 2"	2	7	84	0.0	0.0%
50	2×10 KD Lumber	Headers	2"×10" Header Ply @ 8' (for 2-ply header)	0' - 8"	12	0' - 8"	1	12	96	0.0	0.0%
51	2×10 KD Lumber	Headers	2"×10" Header Ply @ 10' (for 3-ply header)	1' - 0"	9	1' - 0"	1	9	90	0.0	0.0%
52	2×10 KD Lumber	Headers	2"×10" Flush Beam Ply @ 8'	0' - 8"	2	0' - 8"	1	2	16	0.0	0.0%
53	2×10 KD Lumber	Floor Joists	2"×10" Cantilever Floor Joist @ 4'	0' - 4"	8	0' - 8"	2	4	32	0.0	0.0%
2×10 PT Lumber											
54	2×10 PT Lumber	Deck Joists	2"×10" P.T Deck Joist @ 10'	1' - 0"	5	1' - 0"	1	5	50	0.0	0.0%
2×10 KD Lumber											
55	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 2'	0' - 2"	30	1' - 0"	5	6	60	0.0	0.0%
56	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 4'	0' - 4"	34	0' - 8"	2	17	136	0.0	0.0%
57	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 6'	0' - 6"	30	1' - 2"	2	15	180	0.0	0.0%
58	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 8'	0' - 8"	76	0' - 8"	1	76	608	0.0	0.0%
59	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 10'	1' - 0"	27	1' - 0"	1	27	270	0.0	0.0%
60	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 12'	1' - 2"	16	1' - 2"	1	16	192	0.0	0.0%
61	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 14'	1' - 4"	37	1' - 4"	1	37	518	0.0	0.0%
62	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 16'	1' - 6"	18	1' - 6"	1	18	288	0.0	0.0%
63	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 18'	1' - 8"	21	1' - 8"	1	21	378	0.0	0.0%
64	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 20'	2' - 0"	13	2' - 0"	1	13	260	0.0	0.0%
65	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 22'	2' - 2"	9	2' - 2"	1	9	198	0.0	0.0%
66	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 24'	2' - 4"	8	2' - 4"	1	8	192	0.0	0.0%
67	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 26'	2' - 6"	8	2' - 6"	1	8	208	0.0	0.0%
68	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 28'	2' - 8"	18	2' - 8"	1	18	504	0.0	0.0%
69	2×10 KD Lumber	Roof Rafters	2"×10" Roof Rafter @ 30'	3' - 0"	7	3' - 0"	1	7	210	0.0	0.0%
2×12 KD Lumber											
70	2×12 KD Lumber	Headers	2"×12" Header Ply @ 6' (2-ply)	0' - 6"	4	1' - 2"	2	2	24	0.0	0.0%
71	2×12 KD Lumber	Headers	2"×12" Header Ply @ 8' (2-ply)	0' - 8"	2	0' - 8"	1	2	16	0.0	0.0%
72	2×12 KD Lumber	Headers	2"×12" Header Ply @ 10' (3-ply)	1' - 0"	3	1' - 0"	1	3	30	0.0	0.0%
73	2×12 KD Lumber	Ridge Beams	2"×12" Ridge Beam @ 6'	0' - 6"	2	1' - 2"	2	1	12	0.0	0.0%
74	2×12 KD Lumber	Ridge Beams	2"×12" Ridge Beam @ 14'	1' - 4"	1	1' - 4"	1	1	14	0.0	0.0%
75	2×12 KD Lumber	Ridge Beams	2"×12" Ridge Beam @ 18'	1' - 8"	1	1' - 8"	1	1	18	0.0	0.0%
76	2×12 KD Lumber	Ridge Beams	2"×12" Ridge Beam @ 20'	2' - 0"	3	2' - 0"	1	3	60	0.0	0.0%
77	2×12 KD Lumber	Ridge Beams	2"×12" Ridge Beam @ 6' (2-ply)	0' - 6"	2	1' - 2"	2	1	12	0.0	0.0%
78	2×12 KD Lumber	Ridge Beams	2"×12" Ridge Beam @ 34' (2-ply)	3' - 4"	2	3' - 4"	1	2	68	0.0	0.0%
79	2×12 KD Lumber	Hip Beams	2"×12" Flat Hip Beam @ 24'	2' - 4"	2	2' - 4"	1	2	48	0.0	0.0%
2×12 PT Lumber											
80	2×12 PT Lumber	Rim / Ledger	2"×12" P.T Ledger Board @ 10'	1' - 0"	11	1' - 0"	1	11	110	0.0	0.0%
2×12 KD Lumber											
81	2×12 KD Lumber	Rim / Ledger	2"×12" Rim Joist @ 10'	1' - 0"	67	1' - 0"	1	67	670	0.0	0.0%
4×4 KD Post											
82	4×4 KD Post	Posts	4"×4" Wood Post @ 10'	1' - 0"	6	1' - 0"	1	6	60	0.0	0.0%
4×8 KD Post											
83	4×8 KD Post	Posts	4"×8" Wood Post @ 10'	1' - 0"	7	1' - 0"	1	7	70	0.0	0.0%
6×6 PT Post											
84	6×6 PT Post	Posts	6"×6" P.T Post @ 4' (Rear Deck)	0' - 4"	2	0' - 8"	2	1	8	0.0	0.0%
85	6×6 PT Post	Posts	6"×6" P.T Post @ 10' (Front Porch)	1' - 0"	2	1' - 0"	1	2	20	0.0	0.0%

TOTALS (Dimensional Lumber Only — excludes engineered lumber)	20,934	6.0	0.0%
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● Green = <10% waste | ● Yellow = 10–20% waste | ● Orange = >20% waste | Stock lengths chosen to minimize waste per lumber group. Short offcuts (≤4') may be nested with same-size runs on-site.



WILLIS RESIDENCE — BILL OF MATERIALS (BOM)

Project: Willis Residence | Division 06 – Wood, Plastic & Composites | Material costs per original estimate

#	CATEGORY	DESCRIPTION	QTY	UNIT	NOTES
DIMENSIONAL LUMBER (aggregated from Cut List — order as standard stock)					
1	2×10 KD Lumber	KD Lumber 2×10 × 8' stock	150	EA	8' stock board
2	2×10 KD Lumber	KD Lumber 2×10 × 10' stock	42	EA	10' stock board
3	2×10 KD Lumber	KD Lumber 2×10 × 12' stock	38	EA	12' stock board
4	2×10 KD Lumber	KD Lumber 2×10 × 14' stock	37	EA	14' stock board
5	2×10 KD Lumber	KD Lumber 2×10 × 16' stock	18	EA	16' stock board
6	2×10 KD Lumber	KD Lumber 2×10 × 18' stock	21	EA	18' stock board
7	2×10 KD Lumber	KD Lumber 2×10 × 20' stock	13	EA	20' stock board
8	2×10 KD Lumber	KD Lumber 2×10 × 22' stock	9	EA	22' stock board
9	2×10 KD Lumber	KD Lumber 2×10 × 24' stock	8	EA	24' stock board
10	2×10 KD Lumber	KD Lumber 2×10 × 26' stock	8	EA	26' stock board
11	2×10 KD Lumber	KD Lumber 2×10 × 28' stock	18	EA	28' stock board
12	2×10 KD Lumber	KD Lumber 2×10 × 30' stock	7	EA	30' stock board
13	2×10 PT Lumber	KD Lumber 2×10 × 10' stock	5	EA	10' stock board
14	2×12 KD Lumber	KD Lumber 2×12 × 8' stock	2	EA	8' stock board
15	2×12 KD Lumber	KD Lumber 2×12 × 10' stock	70	EA	10' stock board
16	2×12 KD Lumber	KD Lumber 2×12 × 12' stock	4	EA	12' stock board
17	2×12 KD Lumber	KD Lumber 2×12 × 14' stock	1	EA	14' stock board
18	2×12 KD Lumber	KD Lumber 2×12 × 18' stock	1	EA	18' stock board
19	2×12 KD Lumber	KD Lumber 2×12 × 20' stock	3	EA	20' stock board
20	2×12 KD Lumber	KD Lumber 2×12 × 24' stock	2	EA	24' stock board
21	2×12 KD Lumber	KD Lumber 2×12 × 34' stock	2	EA	34' stock board
22	2×12 PT Lumber	KD Lumber 2×12 × 10' stock	11	EA	10' stock board
23	2×4 KD Lumber	KD Lumber 2×4 × 8' stock	492	EA	8' stock board
24	2×4 KD Lumber	KD Lumber 2×4 × 10' stock	360	EA	10' stock board
25	2×4 KD Lumber	KD Lumber 2×4 × 12' stock	3	EA	12' stock board
26	2×6 KD Lumber	KD Lumber 2×6 × 8' stock	109	EA	8' stock board
27	2×6 KD Lumber	KD Lumber 2×6 × 10' stock	524	EA	10' stock board
28	2×6 KD Lumber	KD Lumber 2×6 × 12' stock	6	EA	12' stock board
29	2×6 KD Lumber	KD Lumber 2×6 × 20' stock	1	EA	20' stock board
30	2×6 PT Lumber	KD Lumber 2×6 × 10' stock	21	EA	10' stock board
31	2×8 KD Lumber	KD Lumber 2×8 × 8' stock	19	EA	8' stock board

32	2×8 KD Lumber	KD Lumber 2×8 × 10' stock	18	EA	10' stock board
33	2×8 KD Lumber	KD Lumber 2×8 × 12' stock	9	EA	12' stock board
34	2×8 KD Lumber	KD Lumber 2×8 × 16' stock	23	EA	16' stock board
35	2×8 KD Lumber	KD Lumber 2×8 × 18' stock	1	EA	18' stock board
36	4×4 KD Post	KD Lumber 4×4 × 10' stock	6	EA	10' stock board
37	4×8 KD Post	KD Lumber 4×8 × 10' stock	7	EA	10' stock board
38	6×6 PT Post	KD Lumber 6×6 × 8' stock	1	EA	8' stock board
39	6×6 PT Post	KD Lumber 6×6 × 10' stock	2	EA	10' stock board
ENGINEERED LUMBER					
40	Engineered Lumber	3-1/2"×9-1/2" Parallam PSL Flush Beam, L=14'	1	EA	
41	Engineered Lumber	(3) 1-3/4"×9-1/2" Microllam LVL Flush Beam, L=14'	1	EA	+ steel flitch plates
42	Engineered Lumber	1-3/4"×11-7/8" Parallam Hip Beam, L=8'	4	EA	
43	Engineered Lumber	1-3/4"×11-7/8" Parallam Hip Beam, L=10'	4	EA	
44	Engineered Lumber	1-3/4"×11-7/8" Parallam Hip Beam, L=14'	2	EA	
45	Engineered Lumber	1-3/4"×11-7/8" Parallam Hip Beam, L=20'	1	EA	
46	Engineered Lumber	1-3/4"×11-7/8" Parallam Hip Beam, L=28'	6	EA	
47	Engineered Lumber	1-3/4"×11-7/8" Parallam Hip Beam, L=34'	2	EA	
TJI FLOOR JOISTS					
48	TJI Floor Joists	(2)2-5/16"×9-1/2" TJI 230 Fl. Joist, L=4'	1	EA	Part of 1,252 LF run
49	TJI Floor Joists	(2)2-5/16"×9-1/2" TJI 230 Fl. Joist, L=18'	66	EA	
50	TJI Floor Joists	(2)2-5/16"×9-1/2" TJI 230 Fl. Joist TOTAL	1,252	LF	Incl. 5% waste
51	TJI Floor Joists	2-5/16"×9-1/2" TJI 230 Fl. Joist, L=4'	2	EA	
52	TJI Floor Joists	2-5/16"×9-1/2" TJI 230 Fl. Joist, L=14'	16	EA	
53	TJI Floor Joists	2-5/16"×9-1/2" TJI 230 Fl. Joist, L=18'	72	EA	
54	TJI Floor Joists	2-5/16"×9-1/2" TJI 230 Fl. Joist, L=26'	9	EA	
55	TJI Floor Joists	2-5/16"×9-1/2" TJI 230 Fl. Joist, L=28'	8	EA	
56	TJI Floor Joists	2-5/16"×9-1/2" TJI 230 Fl. Joist TOTAL	2,086	LF	Incl. 5% waste
STEEL / HARDWARE					
57	Steel / Hardware	(2) 3/8"×9" Steel Flitch Plate, L=14'	1	EA	
58	Steel / Hardware	1/2" Dia×9" Bolt w/ Washer @ 16" O.C. (flitch)	14	EA	
59	Steel / Hardware	1/2"×4" Lag Screw w/ Washer (ledger)	84	EA	ceil(83.71)
60	Steel / Hardware	1/2"×20" Galvanized Anchor Bolt	41	EA	
SIMPSON HARDWARE					
61	Simpson Hardware	Simpson LUS24	48	EA	
62	Simpson Hardware	Simpson LUS26	10	EA	
63	Simpson Hardware	Simpson LUS28	88	EA	

64	Simpson Hardware	Simpson LUS28-2	4	EA	
65	Simpson Hardware	Simpson LUS28-3	10	EA	
66	Simpson Hardware	Simpson LUS210	26	EA	
67	Simpson Hardware	Simpson HUS210-2	104	EA	
68	Simpson Hardware	Simpson HUS210-3	6	EA	
69	Simpson Hardware	Simpson HUS212-2	6	EA	
70	Simpson Hardware	Simpson HUS212-3	2	EA	
71	Simpson Hardware	Simpson IUS2.56/9.5	214	EA	
72	Simpson Hardware	Simpson IUS2.56/9.5-2	134	EA	
73	Simpson Hardware	Simpson LSSU28	12	EA	
74	Simpson Hardware	Simpson LSSU210	373	EA	
75	Simpson Hardware	Simpson H8 Hurricane Clips	385	EA	
76	Simpson Hardware	Simpson LSCZ Stair Stringer Tie	36	EA	
77	Simpson Hardware	Simpson BB44Z Column Base	6	EA	
78	Simpson Hardware	Simpson AC4 Cap (adjustable)	6	EA	
79	Simpson Hardware	EPC66 Post-to-Beam Connector	4	EA	
80	Simpson Hardware	PB66 Post-to-Footing Connector (HDG)	4	EA	
81	Simpson Hardware	Simpson CB48 Column Base	7	EA	
82	Simpson Hardware	Simpson CC48 Column Cap	7	EA	
83	Simpson Hardware	Simpson CS16 Strap, L=806 LF	807	LF	Incl. 5% waste
84	Simpson Hardware	16d Nails	1	LS	
 SHEATHING					
85	Sheathing	3/4" T&G Plywood Subfloor 4'x8' (2nd Fl existing)	16	EA	ceil(15.125)
86	Sheathing	3/4" T&G Plywood Subfloor 4'x8' (new)	125	EA	ceil(124.94)
87	Sheathing	1/2" Plywood Attic Floor 4'x8'	33	EA	ceil(32.88 w/ 5% waste)
88	Sheathing	5/8" Ext. Grade Roof Plywood 4'x8'	158	EA	ceil(157.56)
89	Sheathing	1/2" Ext. Grade Plywood 4'x8' (wall sheathing)	101	EA	ceil(100.05 w/ 5% waste)
90	Sheathing	1/2" Ext. Plywood 4'x8' (misc)	7	EA	ceil(6.30 w/ 5% waste)