

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Title: Weller Residence
Location: 825 McKinley Avenue, Oregon City, OR 97045
Bid Date/Time/Due: Friday, January 17, 2025
Bid Phase: Bidding
Scope of Work: Framing, Siding & Openings
Project Type: Open Shop/Non Union

Sr #	DRAWING REF.	DESCRIPTION	QUANTITIES			MATERIAL		LABOR		TOTAL COST	REMARKS	TRADE COST
			QUANTITY	WASTAGE	TOTAL QTY UNIT	UNIT	TOTAL	UNIT HOURS	COST/HRMANHOURS			
06. WOOD, PLASTICS AND COMPOSITES												
Labor/Hour (\$ 60.00)												\$120,019
Wooden Beams And Headers												
Headers												
1		4" X 8" X 3'-0 Long Header	8.0	0%	8.0	EA	\$ 51.47 (\$ 411.77)	0.17 (\$ 60.00)	1.3 (\$ 81)	\$ 492		
2		4" X 8" X 4'-0 Long Header	3.0	0%	3.0	EA	\$ 68.63 (\$ 205.88)	0.22 (\$ 60.00)	0.7 (\$ 40)	\$ 246		
3		4" X 8" X 6'-0 Long Header	2.0	0%	2.0	EA	\$ 102.94 (\$ 205.88)	0.34 (\$ 60.00)	0.7 (\$ 40)	\$ 246		
4		4" X 8" X 7'-0 Long Header	1.0	0%	1.0	EA	\$ 120.10 (\$ 120.10)	0.39 (\$ 60.00)	0.4 (\$ 24)	\$ 144		
5		6" X 8" X 1'-0 Long Header	1.0	0%	1.0	EA	\$ 25.41 (\$ 25.41)	0.06 (\$ 60.00)	0.1 (\$ 6)	\$ 29		
6		6" X 8" X 2'-0 Long Header	1.0	0%	1.0	EA	\$ 50.82 (\$ 50.82)	0.12 (\$ 60.00)	0.1 (\$ 7)	\$ 58		
7		6" X 8" X 3'-0 Long Header	6.0	0%	6.0	EA	\$ 76.23 (\$ 457.38)	0.18 (\$ 60.00)	1.1 (\$ 65)	\$ 522		
8		6" X 8" X 4'-0 Long Header	7.0	0%	7.0	EA	\$ 101.64 (\$ 711.48)	0.24 (\$ 60.00)	1.7 (\$ 101)	\$ 812		
9		6" X 8" X 5'-0 Long Header	5.0	0%	5.0	EA	\$ 127.05 (\$ 635.25)	0.30 (\$ 60.00)	1.5 (\$ 90)	\$ 725		
10		6" X 8" X 6'-0 Long Header	3.0	0%	3.0	EA	\$ 152.46 (\$ 457.38)	0.36 (\$ 60.00)	1.1 (\$ 65)	\$ 522		
11		6" X 8" X 7'-0 Long Header	1.0	0%	1.0	EA	\$ 177.87 (\$ 177.87)	0.42 (\$ 60.00)	0.4 (\$ 25)	\$ 203		
12		6" X 8" X 8'-0 Long Header	1.0	0%	1.0	EA	\$ 203.28 (\$ 203.28)	0.48 (\$ 60.00)	0.5 (\$ 29)	\$ 232		
13		6" X 8" X 17'-0 Long Header	1.0	0%	1.0	EA	\$ 431.97 (\$ 431.97)	1.02 (\$ 60.00)	1.0 (\$ 61)	\$ 493		
14			80.0	0%	80.0	EA	\$ 3.30 (\$ 263.76)	0.03 (\$ 60.00)	2.7 (\$ 160)	\$ 424		
15		Simpson Msta24 Strap 0.162"X3-1/2" Nails	960.0	0%	960.0	EA	\$ 1.52 (\$ 1,454.54)	0.01 (\$ 60.00)	6.3 (\$ 380)	\$ 1,835		
Beams												
16		Fb1, 5-1/2"X9-1/2"X11'-10" Long 24F-V4 Df Glulam Beam	1.0	0%	1.0	EA	\$ 608.48 (\$ 608.48)	1.71 (\$ 60.00)	1.7 (\$ 103)	\$ 711		
17		Fb2, 5-1/2"X9-1/2"X21'-9" Long 24F-V4 Df Glulam Beam	1.0	0%	1.0	EA	\$ 1,121.70 (\$ 1,121.70)	3.16 (\$ 60.00)	3.2 (\$ 190)	\$ 1,311		
18		Fb3, 1-3/4"X9-1/2"X5'-9" Long 2.0E Microlam Lvl Beam	1.0	0%	1.0	EA	\$ 206.21 (\$ 206.21)	0.71 (\$ 60.00)	0.7 (\$ 42)	\$ 249		
19		Fb4, 5-1/2"X9-1/2"X16'-0" Long 24F-V4 Df Glulam Beam	1.0	0%	1.0	EA	\$ 819.50 (\$ 819.50)	2.31 (\$ 60.00)	2.3 (\$ 139)	\$ 958		
20		Fb5, 5-1/2"X9-1/2"X21'-9" Long 24F-V4 Df Glulam Beam	1.0	0%	1.0	EA	\$ 1,121.70 (\$ 1,121.70)	3.16 (\$ 60.00)	3.2 (\$ 190)	\$ 1,311		
21		Fb6, 5-1/2"X9-1/2"X8'-0" Long 24F-V4 Df Glulam Beam	1.0	0%	1.0	EA	\$ 409.75 (\$ 409.75)	1.15 (\$ 60.00)	1.2 (\$ 69)	\$ 479		
22		Fb7, 5-1/2"X18"X21'-0" Long 24F-V4 Df Glulam Beam Fb8,	1.0	0%	1.0	EA	\$ 1,292.13 (\$ 1,292.13)	3.78 (\$ 60.00)	3.8 (\$ 227)	\$ 1,519		
23		5-1/2"X9-1/2"X5'-9" Long 24F-V4 Df Glulam Beam Fb9, 5-	1.0	0%	1.0	EA	\$ 301.17 (\$ 301.17)	0.85 (\$ 60.00)	0.9 (\$ 51)	\$ 252		
24		1/2"X9-1/2"X13'-0" Long 24F-V4 Df Glulam Beam Fb1, 3-	1.0	0%	1.0	EA	\$ 665.85 (\$ 665.85)	1.88 (\$ 60.00)	1.9 (\$ 113)	\$ 778		
25		1/2"X6"X13'-6" 24F-V4 Df Glulam Beam	1.0	0%	1.0	EA	\$ 340.20 (\$ 340.20)	1.08 (\$ 60.00)	1.1 (\$ 65)	\$ 405		
26			20.0	0%	20.0	EA	\$ 20.92 (\$ 418.32)	0.24 (\$ 60.00)	4.8 (\$ 288)	\$ 706		
27		Simpson Strong-Tie U610 Beam Hangers	280.0	0%	280.0	EA	\$ 0.62 (\$ 172.58)	0.01 (\$ 60.00)	1.6 (\$ 94)	\$ 267		
28		Sds25300 Screws	120.0	0%	120.0	EA	\$ 1.39 (\$ 307.82)	0.01 (\$ 60.00)	0.8 (\$ 48)	\$ 356		
29		Sdws2231200b Screws Stn22 Washers	120.0	0%	120.0	EA	\$ 1.39 (\$ 307.82)	0.01 (\$ 60.00)	1.0 (\$ 58)	\$ 224		
Structural Hardware Connection Details Are Not Given Assumed.												
Wooden Joists & Trusses												
Joists												
30		2"X10"X10'-0" Long Rim Joist	29.0	0%	29.0	EA	\$ 25.94 (\$ 752.12)	0.23 (\$ 60.00)	6.7 (\$ 400)	\$ 1,152		
31		Fj1, 2"X10"X14'-3" Long Df No.2 Joists	13.0	0%	13.0	EA	\$ 37.09 (\$ 482.13)	0.33 (\$ 60.00)	4.3 (\$ 257)	\$ 739		
32		Fj2, 2"X10"X15'-3" Long Df No.2 Joists	16.0	0%	16.0	EA	\$ 39.68 (\$ 634.89)	0.35 (\$ 60.00)	5.6 (\$ 338)	\$ 973		
33		Fj3, 2"X10"X13'-9" Long Df No.2 Joists	12.0	0%	12.0	EA	\$ 35.97 (\$ 431.66)	0.32 (\$ 60.00)	3.8 (\$ 230)	\$ 660		
34		Fj4, 2"X10"X9'-9" Long Df No.2 Joists	8.0	0%	8.0	EA	\$ 25.60 (\$ 204.78)	0.23 (\$ 60.00)	1.8 (\$ 109)	\$ 314		
35		Fj5, 2"X10"X15'-3" Long Df No.2 Joists	17.0	0%	17.0	EA	\$ 39.68 (\$ 674.57)	0.35 (\$ 60.00)	6.0 (\$ 359)	\$ 1,034		
36		Fj6, 9-1/2"X9'-7" Long Tj1210 Joists	13.0	0%	13.0	EA	\$ 25.34 (\$ 329.40)	0.22 (\$ 60.00)	2.9 (\$ 174)	\$ 503		
37		Fj7, 2"X10"X11'-0" Long Df No.2 Joists	17.0	0%	17.0	EA	\$ 28.53 (\$ 484.98)	0.25 (\$ 60.00)	4.3 (\$ 258)	\$ 743		
38		Fj7, 2"X10"X4'-6" Long Df No.2 Joists	2.0	0%	2.0	EA	\$ 11.67 (\$ 23.34)	0.10 (\$ 60.00)	0.2 (\$ 12)	\$ 36		
39		Fj8, 2"X10"X13'-0" Long Df No.2 Joists	14.0	0%	14.0	EA	\$ 33.72 (\$ 472.02)	0.30 (\$ 60.00)	4.2 (\$ 251)	\$ 723		
40		2"X12"X3'-10" Long Stair Landing Joists	8.0	0%	8.0	EA	\$ 10.06 (\$ 80.50)	0.09 (\$ 60.00)	0.7 (\$ 43)	\$ 123		
41			240.0	0%	240.0	EA	\$ 3.38 (\$ 811.44)	0.02 (\$ 60.00)	5.5 (\$ 331)	\$ 1,143		
42		Simpson Strong-Tie Lu210 Joist Hangers Seismic Clips	100.0	0%	100.0	EA	\$ 5.67 (\$ 567.00)	0.04 (\$ 60.00)	4.0 (\$ 240)	\$ 807		
Trusses												
43		Roof Trusses @ 24" O.C., By Others	1618.0	10%	1779.8	SF	\$ 4.06 (\$ 7,232.22)	0.04 (\$ 60.00)	78.3 (\$ 4,699)	\$ 11,931		
44		Simpson Tha 422 Truss Hangers	110.0	0%	110.0	EA	\$ 8.28 (\$ 910.95)	0.08 (\$ 60.00)	8.8 (\$ 528)	\$ 1,439		
45		0.162"X3-1/2" Nails	660.0	0%	660.0	EA	\$ 1.52 (\$ 1,000.00)	0.01 (\$ 60.00)	4.4 (\$ 261)	\$ 1,281		
46		0.148"X3" Nails	660.0	0%	660.0	EA	\$ 1.14 (\$ 753.98)	0.01 (\$ 60.00)	4.3 (\$ 257)	\$ 1,011		
47		Simpson H2.5A Hurricane Ties	110.0	0%	110.0	EA	\$ 2.32 (\$ 255.26)	0.03 (\$ 60.00)	3.7 (\$ 221)	\$ 480		
48		0.131" X 2-1/2" Nails	1100.0	0%	1100.0	EA	\$ 0.93 (\$ 1,027.95)	0.00 (\$ 60.00)	4.7 (\$ 284)	\$ 1,312		
Structural Hardware Connection Details Are Not Given Assumed.												
Wooden Columns And Posts												
49		P1, 6"X8"X9'-0" High Df No.2 Wood Post	4.0	0%	4.0	EA	\$ 228.69 (\$ 914.76)	0.54 (\$ 60.00)	2.2 (\$ 130)	\$ 1,044		
50		P2, 6"X8"X8'-8" High Df No.2 Post	1.0	0%	1.0	EA	\$ 220.05 (\$ 220.05)	0.52 (\$ 60.00)	0.5 (\$ 30)	\$ 251		
51		P3, 6"X8"X8'-8" High Df No.2 Post	1.0	0%	1.0	EA	\$ 220.05 (\$ 220.05)	0.52 (\$ 60.00)	0.5 (\$ 30)	\$ 251		
52		Simpson Strong Tie Cb68 Post Base	6.0	0%	6.0	EA	\$ 75.92 (\$ 455.49)	0.55 (\$ 60.00)	3.3 (\$ 199)	\$ 655		
53		Simpson Strong Tie Cc68 Post Cap	6.0	0%	6.0	EA	\$ 111.30 (\$ 667.80)	0.79 (\$ 60.00)	4.7 (\$ 283)	\$ 951		
54		5/8" Dia Anchor Bolts	18.0	0%	18.0	EA	\$ 7.21 (\$ 129.84)	0.08 (\$ 60.00)	1.4 (\$ 86)	\$ 218		
Structural Hardware Connection Details Are Not Given (Assumed).												
Wooden Stairs												
55		3'-8" Wide Wooden Stairs With 11" Wide Treads And 8" High Risers	12.0	0%	12.0	EA	\$ 138.92 (\$ 1,666.98)	0.33 (\$ 60.00)	4.0 (\$ 240)	\$ 1,907		
56		2"X12"X7'-0" Long Stair Stringer	4.0	0%	4.0	EA	\$ 23.52 (\$ 94.08)	0.35 (\$ 60.00)	1.4 (\$ 84)	\$ 178		
Wall Studs												
Wall Studs												
57		2" X 4" X 10'-0" High Interior Wall Stud	128.0	0%	128.0	EA	\$ 23.52 (\$ 3,010.56)	0.30 (\$ 60.00)	38.4 (\$ 2,304)	\$ 5,315		
58		2" X 6" X 10'-0" High Interior Wall Stud	33.0	0%	33.0	EA	\$ 25.62 (\$ 845.46)	0.34 (\$ 60.00)	11.2 (\$ 673)	\$ 1,519		
59		2" X 6" X 10'-0" High Exterior Wall Stud	204.0	0%	204.0	EA	\$ 25.62 (\$ 5,226.48)	0.34 (\$ 60.00)	69.4 (\$ 4,162)	\$ 9,388		
60		2" X 4" X 8'-0" High Jack Stud	28.0	0%	28.0	EA	\$ 18.82 (\$ 526.85)	0.24 (\$ 60.00)	6.7 (\$ 403)	\$ 930		
61		2" X 4" X 10'-0" High King Stud	28.0	0%	28.0	EA	\$ 23.52 (\$ 658.56)	0.30 (\$ 60.00)	8.4 (\$ 504)	\$ 1,163		
62		2" X 6" X 6'-8" High Jack Stud	52.0	0%	52.0	EA	\$ 17.06 (\$ 887.27)	0.23 (\$ 60.00)	11.8 (\$ 706)	\$ 1,594		
63		2" X 6" X 8'-0" High King Stud	52.0	0%	52.0	EA	\$ 20.50 (\$ 1,065.79)	0.27 (\$ 60.00)	14.1 (\$ 849)	\$ 1,914		
64		1/2" Dia Anchor Bolts	160.0	0%	160.0	EA	\$ 5.67 (\$ 907.20)	0.08 (\$ 60.00)	12.8 (\$ 768)	\$ 1,675		
65		2"X2"X3/16" Plate Washers	80.0	0%	80.0	EA	\$ 2.57 (\$ 205.21)	0.03 (\$ 60.00)	2.4 (\$ 144)	\$ 349		
Sill Plates/ Runners												
66		2" X 4" X 16'-0" Long Stud Runner	33.0	0%	33.0	EA	\$ 37.63 (\$ 1,241.86)	0.48 (\$ 60.00)	15.8 (\$ 950)	\$ 2,192		
67		2" X 6" X 16'-0" Long Stud Runner	60.0	0%	60.0	EA	\$ 40.99 (\$ 2,459.52)	0.54 (\$ 60.00)	32.6 (\$ 1,958)	\$ 4,418		
68		2" X 8" X 16'-0" Long Pressure Treated Sill Plate	11.0	0%	11.0	EA	\$ 43.01 (\$ 473.09)	0.64 (\$ 60.00)	7.0 (\$ 422)	\$ 895		
69		5/8" Dia Anchor Bolts	65.0	0%	65.0	EA	\$ 7.21 (\$ 468.88)	0.08 (\$ 60.00)	5.2 (\$ 312)	\$ 781		
Sheathing												
70		Floor Sheathing: 7/8" Apa Plywood Floor Sheathing	1956.0	10%	2151.6	SF	\$ 2.35 (\$ 5,060.56)	0.03 (\$ 60.00)	64.5 (\$ 3,873)	\$ 8,933		
71		Number Of Sheets (Assumed Sheet Size = 8'-0" X 4'-0")	68.0	0%	68.0	EA						
72		100 Nails At Field Spacing = 12" O.C. And Edge Spacing = 6" O.C.	6324.0	0%	6324.0	EA	\$ 0.26 (\$ 1,620.21)	0.00 (\$ 60.00)	14.5 (\$ 873)	\$ 2,493		
73		Roof Sheathing: 1/2" Apa Plywood Roof Sheathing	1809.0	10%	1989.9	SF	\$ 2.35 (\$ 4,680.24)	0.03 (\$ 60.00)	59.7 (\$ 3,582)	\$ 8,262		
74		Number Of Sheets (Assumed Sheet Size = 8'-0" X 4'-0")	63.0	0%	63.0	EA						
75		100 Nails At Field Spacing = 12" O.C. And Edge Spacing = 6" O.C.	5859.0	0%	5859.0	EA	\$ 0.25 (\$ 1,448.78)	0.00 (\$ 60.00)	13.5 (\$ 809)	\$ 2,257		
76		Wall Sheathing: 3/8" Wood Structural Panel Sheathing	2826.0	10%	3108.6	SF	\$ 2.35 (\$ 7,311.43)	0.03 (\$ 60.00)	93.3 (\$ 5,595)	\$ 12,907		
77		Number Of Sheets (Assumed Sheet Size = 8'-0" X 4'-0")	98.0	0%	98.0	EA						
78		6D Nails At Field Spacing = 12" O.C. And Edge Spacing = 6" O.C.	9114.0	0%	9114.0	EA	\$ 0.21 (\$ 1,913.94)	0.00 (\$ 60.00)	22.1 (\$ 1,329)	\$ 3,243		
Rough Carpentry												
Blocking												
79		2"X6"X10" Long Solid Wood Blocking	8.0	0%	8.0	EA	\$ 25.62 (\$ 204.96)	0.34 (\$ 60.00)	2.7 (\$ 163)	\$ 368		
Structural Steel Hardware												
80		A, Hdou4Sds2.5 Holdown, Rating #4565	4.0	0%	4.0	EA	\$ 34.41 (\$ 137.63)	0.24 (\$ 60.00)	1.0 (\$ 58)	\$ 196		

Category	Amount
Material Cost	\$ 154,921
Labor Cost	\$ 57,135
Sub Total	\$ 212,056

PRICES OF LABOR AND MATERIALS ARE TAKEN FROM ONLINE MARKET RESOURCES AND CAN DIFFER FROM LOCAL VENDOR/SUPPLIER. RESPECTED CLIENTS ARE ADVISED TO DOUBLE CHECK TO MAKE SURE THE BID IS COMPETITIVE.