

02 42 Removal and Diversion of Construction Materials

02 42 10 – Building Deconstruction

02 42 10.20 Deconstruction of Building Components

			Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
								Labor	Equipment		
2020	Main roof framing	G	2 Clab	760	.021	L.F.		.96		.96	1.43
2030	Porch roof framing	G	↓	445	.036			1.64		1.64	2.44
2040	Beams 4" x 8"	G	B-1	375	.064			2.96		2.96	4.41
2050	4" x 10"	G	↓	300	.080			3.70		3.70	5.50
2055	4" x 12"	G	↓	250	.096			4.44		4.44	6.60
2060	6" x 8"	G	↓	250	.096			4.44		4.44	6.60
2065	6" x 10"	G	↓	200	.120			5.55		5.55	8.25
2070	6" x 12"	G	↓	170	.141			6.55		6.55	9.70
2075	8" x 12"	G	↓	126	.190			8.80		8.80	13.10
2080	10" x 12"	G	↓	100	.240			11.10		11.10	16.55
2100	Ceiling joists	G	2 Clab	800	.020			.91		.91	1.36
2150	Wall framing, interior	G	↓	1230	.013	↓		.59		.59	.88
2160	Sub-floor	G	↓	2000	.008	S.F.		.36		.36	.54
2170	Floor joists	G	↓	2000	.008	L.F.		.36		.36	.54
2200	Wood siding (no lead or asbestos)	G	↓	1300	.012	S.F.		.56		.56	.84
2300	Wall framing, exterior	G	↓	1600	.010	L.F.		.46		.46	.68
2400	Stair risers	G	↓	53	.302	Ea.		13.75		13.75	20.50
2500	Posts	G	↓	800	.020	L.F.		.91		.91	1.36
3000	Deconstruction of exterior brick walls										
3010	Exterior brick walls, first floor	G	2 Clab	200	.080	S.F.		3.65		3.65	5.45
3020	Second floor	G	↓	64	.250	"		11.40		11.40	17
3030	Brick chimney	G	↓	100	.160	C.F.		7.30		7.30	10.85
4000	Deconstruction of concrete										
4010	Slab on grade, 4" thick, plain concrete	G	B-9	500	.080	S.F.		3.68	.66	4.34	6.25
4020	Wire mesh reinforced	G	↓	470	.085			3.91	.71	4.62	6.65
4030	Rod reinforced	G	↓	400	.100			4.60	.83	5.43	7.75
4110	Foundation wall, 6" thick, plain concrete	G	↓	160	.250			11.50	2.08	13.58	19.40
4120	8" thick	G	↓	140	.286			13.15	2.37	15.52	22
4130	10" thick	G	↓	120	.333	↓		15.35	2.77	18.12	26
9000	Deconstruction process, support equipment as needed										
9010	Daily use, portal to portal, 12-ton truck-mounted hydraulic crane crew	G	A-3H	1	8	Day		505	1,575	2,080	2,475
9020	Daily use, skid steer and operator	G	A-3C	1	8	"		455	420	875	1,150
9030	Daily use, backhoe 48 HP, operator and labor	G	A-3C	1	8	Day		455	420	875	1,150

02 42 10.30 Deconstruction Material Handling

0010	DECONSTRUCTION MATERIAL HANDLING										
0012	Buildings one or two stories only										
0100	Clean and stack brick on pallet	G	2 Clab	1200	.013	Ea.		.61		.61	.91
0200	Haul 50' and load rough lumber up to 2" x 8" size	G	↓	2000	.008	"		.36		.36	.54
0210	Lumber larger than 2" x 8"	G	↓	3200	.005	B.F.		.23		.23	.34
0300	Finish wood for recycling stack and wrap per pallet	G	↓	8	2	Ea.	16	91		107	154
0350	Light fixtures		↓	6	2.667		29	122		151	213
0375	Windows		↓	6	2.667		27	122		149	211
0400	Miscellaneous materials		↓	8	2	↓	8	91		99	145
1000	See Section 02 41 19.19 for bulk material handling										