

Ramsey County Riverfront Properties Deconstruction
Approximate Building Demolition Volumes

6/24/2014

Bldg	Floor No.	Floor Area (sf)	Floor Thickness (ft)	Floor Height (ft)	Total Interior Wall Length (ft)	Interior Wall Thickness (ft)	Total Exterior Wall Length (ft)	Exterior Wall Thickness (ft)	Number of Footings/Columns	Column Area (sf)	Footing Area (sf)	Footing Thickness (ft)	Strip Footing Area (sf)	Strip Footing Length (ft)	Floor Volume (cf)	Wall Volume (cf)	Column Volume (cf)	Footing Volume (cf)	TOTAL VOLUME (cf)	TOTAL VOLUME (cy)	NOTES
A	1	9,400	1.00	11.00	150	1.00	320	1.17	32	13.00	36	2	3	320	9,400	5,768	4,576	3,264	23,008	852	Hauled to Landfill due to Asbestos
	2	9,400	0.92	10.67	200	1.00	320	1.17	32	13.00					8,648	6,129	4,439		19,216	712	
	3	9,400	0.92	15.60	200	1.00	320	1.17	32	13.00					8,648	8,961	6,490		24,098	893	
	4	10,170	0.92	14.30	200	1.00	300	1.17	32	13.00					9,356	7,879	5,949		23,185	859	
	5	10,170	0.92	14.30	200	1.00	300	1.17	32	13.00					9,356	7,879	5,949		23,185	859	
	6	10,170	0.92	14.00	200	1.00	300	1.17	32	13.00					9,356	7,714	5,824		22,894	848	
	7	8,330	0.92	16.50	150	1.00	370	1.17	32	13.00					7,664	9,618	6,864		24,145	894	
	8	8,330	0.92	12.85	150	1.00	370	1.17	32	13.00					7,664	7,490	5,346		20,499	759	
	9	8,330	0.92	16.00	150	1.00	370	1.17	32	13.00					7,664	9,326	6,656		23,646	876	
	10/Roof	8,330	0.75	16.00			150	1.17	32	13.00					6,248	2,808	6,656		15,712	582	
Roof		710	0.75												533				533	20	
		92,030																	220,121	8,153	
B	1	3,630	0.50	8.50			300	3.00							1,815	7,650			9,465	351	Wood Building 5,274 CY Concrete
	2	3,630		8.50			300	3.00								7,650			7,650	283	
	3	5,060		15.60			325	3.00								15,210			15,210	563	
	4	9,675		14.30			285	3.00								12,227			12,227	453	
	5	9,675		14.30			285	3.00								12,227			12,227	453	
	6	11,800		14.00			320	3.00								13,440			13,440	498	
	7	9,550		16.50			400	3.00								19,800			19,800	733	
	8	9,550		12.85			400	3.00								15,420			15,420	571	
	9	9,550		16.0			400	3.00								19,200			19,200	711	
	10/Roof	9,550		16.0			370	3.00								17,760			17,760	658	
Roof		6,750																	0	0	
		81,670																	142,398	5,274	
C	1	2,570	1.83	8.50			210	4.00							4,703	7,140			11,843	439	Wood Building 4,985 CY Concrete
	2	2,570		8.50			210	4.00								7,140			7,140	264	
	3	2,570		15.60			210	4.00								13,104			13,104	485	
	4	4,870		14.30	50	1.00	225	4.00								13,585			13,585	503	
	5	5,860		14.30	50	1.00	240	4.00								14,443			14,443	535	
	6	5,950		14.00	50	1.00	250	4.00								14,700			14,700	544	
	7	4,700		16.50	50	1.00	280	4.00								19,305			19,305	715	
	8	4,700		12.85	50	1.00	280	4.00								15,035			15,035	557	
	9	4,700		16.0	50	1.00	280	4.00								18,720			18,720	693	
	10/Roof	4,700		16.0			105	4.00								6,720			6,720	249	
Roof		660																	0	0	
		42,990																	134,595	4,985	
D	1	20,820	0.50	13.50	900	1.00	515	1.00	52	5.00	36	2	3	515	10,410	19,103	3,510	5,289	38,312	1,419	Hauled to Landfill due to Asbestos
	2	20,820	0.83	9.50	300	1.00	420	1.00	52	5.00					17,281	6,840	2,470		26,591	985	
	3	16,750	0.83	15.60	150	1.00	420	1.00	52	5.00					13,903	8,892	4,056		26,851	994	
	4	17,750	0.83	14.30	150	1.00	410	1.00	52	5.00					14,733	8,008	3,718		26,459	980	
	5	17,460	0.83	14.30	150	1.00	410	1.00	52	5.00					14,492	8,008	3,718		26,218	971	
	6	17,460	0.83	14.00	150	1.00	410	1.00	52	5.00					14,492	7,840	3,640		25,972	962	
	7	16,880	0.83	16.50	150	1.00	505	1.00	52	5.00					14,010	10,808	4,290		29,108	1,078	
	8	15,530	0.83	12.85	150	1.00	505	1.00	52	5.00					12,890	8,417	3,341		24,648	913	
	9	15,530	0.83	16.0	150	1.00	505	1.00	52	5.00					12,890	16,480	4,160		27,530	1,020	
	Roof	16,580	0.83													12,890				12,890	
Roof		16,580																	264,576	9,799	
		159,000																			
E	1	17,850	0.50	11.00	800	1.00	695	1.67	68	4.00	36	2	3	695	8,925	21,567	2,992	6,981	40,465	1,499	7,881 CY Concrete
	2	17,850	0.58	10.67	200	1.00	695	1.67	68	4.00					10,353	14,518	2,902		27,773	1,029	
	3	17,915	0.58	15.60	150	1.00	700	1.67	68	4.00					10,391	20,576	4,243		35,210	1,304	
	4	17,915	0.58	14.30	150	1.00	700	1.67	68	4.00					10,391	18,862	3,890		33,142	1,227	
	5	17,915	0.58	14.30	150	1.00	700	1.67	68	4.00					10,391	18,862	3,890		33,142	1,227	
	6	17,915	0.58	14.00	150	1.00	700	1.67	68	4.00					10,391	18,466	3,808		32,665	1,210	
Roof		17,915	0.58												10,391				10,391	385	
		107,360																	212,788	7,881	
F	1	16,950	1.00	11.50	400	1.00	425	1.00	88	4.00	36	2	3	425	21,188	14,338	4,328	1,371	40,977	1,501	11,354 CY Concrete
	2	16,950	1.00	11.50	400	1.00	425	1.00	88	4.00					16,950	9,488	4,048		30,486	1,129	
	3	16,950	1.00	12.00	200	1.00	425	1.00	88	4.00					16,950	7,500	4,224		28,674	1,062	
	4	16,950	1.00	10.50	200	1.00	425	1.00	88	4.00					16,950	6,563	3,696		27,209	1,008	
	5	16,950	1.00	11.50	200	1.00	425	1.00	88	4.00					16,950	7,188	4,048		28,186	1,044	
	6	16,950	1.00	11.25	200	1.00	425	1.00	88	4.00					16,950	7,031	3,960		27,941	1,035	
	6.5	16,950	1.00	11.25	400	1.00	425	1.00	88	4.00					16,950	9,281	3,960		30,191	1,118	
	7/Plaza	16,950	1.00	13.25	100	1.00	450	1.00	88	4.00					16,950	7,288	4,664		28,902	1,070	
	8	12,350	1.00	11.0	100	1.00	450	1.00	88	4.00					12,350	6,050	3,372		22,272	825	
	9	12,350	1.00	11.0	100	1.00	450	1.00	88	4.00					12,350	6,050	3,372		22,272	825	
Roof		12,350	1.00												12,350				12,350	457	
		160,300																	306,558	11,35	