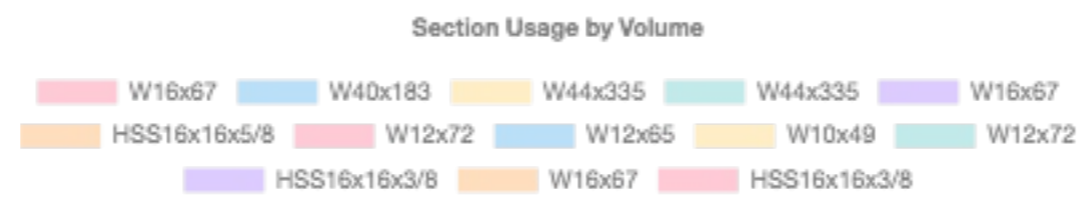


Bill of Materials Report

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Project Name: FCSP Moment Frame ASD - Seismic
Generated by Sam Carigliano at 25 Nov 2019, 4:09 PM

BILL OF MATERIALS



\$3,624,894

Section Name	Material	Length (ft)	Count	Total Volume ft ³	Total Weight (kip)	Cost
W10x49	Structural Steel	23	18	41.400	20,286	\$82,800
W16x67	Structural Steel	10	30	40.832	20,008	\$81,664
W16x67	Structural Steel	18	2	4.900	2,401	\$9,800
HSS16x16x5/8	Structural Steel	20	1	4.860	2,382	\$9,720
W12x65	Structural Steel	23	6	18.303	8,969	\$36,607
W12x72	Structural Steel	23	8	26.961	13,211	\$53,922
W12x72	Structural Steel	25	18	65.934	32,309	\$131,869
W44x335	Structural Steel	100	1	68.400	33,517	\$136,800
W44x335	Structural Steel	108	1	73.880	36,199	\$147,760
W40x183	Structural Steel	100	38	1,407	689,199	\$2,813,048
W16x67	Structural Steel	5	16	10.888	5,336	\$21,777
HSS16x16x3/8	Structural Steel	7.07	30	31.677	15,520	\$63,353
HSS16x16x3/8	Structural Steel	29.95	4	17.887	8,766	\$35,774

COST HISTORY



Total Design Cost Savings: \$229,932

Date	Username	Notes	Cost	Change
21 Aug 2019, 3:28 PM	Paul Comino	Original model (imported from Revit)	\$3,854,826	
21 Aug 2019, 3:29 PM	Sam Carigliano		\$3,854,826	
11 Nov 2019, 11:31 AM	Sam Carigliano	Changed column sections 4 and 5 to HSS	\$3,823,972	-\$30,854
11 Nov 2019, 11:55 AM	Sam Carigliano	Ran optimisation on sections 1-4	\$3,813,024	-\$10,948
12 Nov 2019, 9:29 AM	Sam Carigliano	No structural changes	\$3,813,024	
14 Nov 2019, 10:47 AM	Sam Carigliano	Shortened columns and ran Optimizer	\$3,772,949	-\$40,074
21 Nov 2019, 3:46 PM	Art Vandelay	Deleted members that were under utilized	\$3,624,894	-\$148,056
25 Nov 2019, 4:09 PM	Sam Carigliano	Current Model	\$3,624,894	