

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Lateral	B10	Superstructure	Columns - Ground	HSS-Hollow Structural Section: HSS	HSS7X7X1/2	1	1.48 CF	19.4222	42.05	816.70351	\$0.49	\$400.18
Lateral	B10	Superstructure	Columns - Ground	HSS-Hollow Structural Section: HSS	HSS7X7X1/2	1	1.51 CF	19.83333	42.05	833.9915265	\$0.49	\$408.66
Lateral	B10	Superstructure	Columns - Ground	HSS-Hollow Structural Section: HSS	HSS7X7X1/2	1	1.51 CF	19.83333	42.05	833.9915265	\$0.49	\$408.66
Lateral	B10	Superstructure	Columns - Ground	HSS-Hollow Structural Section: HSS	HSS7X7X1/2	1	1.51 CF	19.83333	42.05	833.9915265	\$0.49	\$408.66
Lateral	B10	Superstructure	Columns - Ground	HSS-Hollow Structural Section: HSS	HSS7X7X1/2	1	1.51 CF	19.83333	42.05	833.9915265	\$0.49	\$408.66
Lateral	B10	Superstructure	Columns - Ground	HSS-Hollow Structural Section: HSS	HSS7X7X1/2	1	1.51 CF	19.83333	42.05	833.9915265	\$0.49	\$408.66
Lateral	B10	Superstructure	Columns - Ground	HSS-Hollow Structural Section: HSS	HSS7X7X1/2	1	1.59 CF	20.25	42.05	851.5125	\$0.49	\$417.24
Lateral	B10	Superstructure	Columns - Ground	HSS-Hollow Structural Section: HSS	HSS8X8X3/8	1	1.56 CF	23.25	37.69	876.2925	\$0.49	\$429.38
Gravity	B10	Superstructure	Steel - 1st Floor	HSS-Hollow Structural Section: HSS	HSS18X6X.375	1	1.58 CF	14.75	58.1	856.975	\$0.49	\$419.92
Gravity	B10	Superstructure	Steel - 1st Floor	HSS-Hollow Structural Section: HSS	HSS18X6X.375	1	1.58 CF	14.75	58.1	856.975	\$0.49	\$419.92
Gravity	B10	Superstructure	Steel - 1st Floor	L-Angle: L3X3X3/8	L3X3X3/8	1	0.13 CF	9.6	7.2	69.12	\$0.49	\$33.87
Gravity	B10	Superstructure	Steel - 1st Floor	L-Angle: L3X3X3/8	L3X3X3/8	1	0.19 CF	14	7.2	100.8	\$0.49	\$49.39
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W10X12	W10X12	1	0.06 CF	3.25	12	39	\$0.49	\$19.11
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W10X12	W10X12	1	0.08 CF	4	12	48	\$0.49	\$23.52
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W10X12	W10X12	1	0.08 CF	4	12	48	\$0.49	\$23.52
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W10X12	W10X12	1	0.13 CF	6.083333	12	72.999996	\$0.49	\$35.77
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.04 CF	1.83333	14	25.66662	\$0.49	\$12.58
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.07 CF	3	14	42	\$0.49	\$20.58
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.13 CF	5.333	14	74.662	\$0.49	\$36.58
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.14 CF	5.5	14	77	\$0.49	\$37.73
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.14 CF	5.5	14	77	\$0.49	\$37.73
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.816666	14	81.433324	\$0.49	\$39.90
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.816666	14	81.433324	\$0.49	\$39.90
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.816666	14	81.433324	\$0.49	\$39.90
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.816666	14	81.433324	\$0.49	\$39.90
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.816666	14	81.433324	\$0.49	\$39.90
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.816666	14	81.433324	\$0.49	\$39.90
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.816666	14	81.433324	\$0.49	\$39.90
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.816666	14	81.433324	\$0.49	\$39.90
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.20 CF	7.5	14	105	\$0.49	\$51.45
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.20 CF	7.5	14	105	\$0.49	\$51.45
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.20 CF	7.5	14	105	\$0.49	\$51.45
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.20 CF	7.5	14	105	\$0.49	\$51.45
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.23 CF	8.5	14	119	\$0.49	\$58.31
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.24 CF	9	14	126	\$0.49	\$61.74
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.6	14	134.4	\$0.49	\$65.86
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.27 CF	10.125	14	141.75	\$0.49	\$69.46
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.27 CF	10.125	14	141.75	\$0.49	\$69.46
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.30 CF	10.5	14	147	\$0.49	\$72.03
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.27 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.27 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.29 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.29 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.27 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.27 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.29 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.30 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.30 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.33333	14	158.66662	\$0.49	\$77.75
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.666666	14	163.333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.666666	14	163.333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.35 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.35 CF	13.66666	14	191.33324	\$0.49	\$93.75

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Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.38 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.39 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X14	W12X14	1	0.41 CF	15	14	210	\$0.49	\$102.90
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.30 CF	10	16	160	\$0.49	\$78.40
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.29 CF	10	16	160	\$0.49	\$78.40
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.29 CF	10	16	160	\$0.49	\$78.40
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.35 CF	11	16	176	\$0.49	\$86.24
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.35 CF	11	16	176	\$0.49	\$86.24
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.35 CF	11	16	176	\$0.49	\$86.24
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.41 CF	14	16	224	\$0.49	\$109.76
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.41 CF	14	16	224	\$0.49	\$109.76
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.44 CF	14	16	224	\$0.49	\$109.76
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.49 CF	15.75	16	252	\$0.49	\$123.48
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.54 CF	17.583333	16	281.333328	\$0.49	\$137.85
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.54 CF	17.583333	16	281.333328	\$0.49	\$137.85
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.59 CF	19	16	304	\$0.49	\$148.96
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W12X16	W12X16	1	0.59 CF	19	16	304	\$0.49	\$148.96
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.13 CF	3.5	22	77	\$0.49	\$37.73
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.24 CF	6.66666	22	146.66652	\$0.49	\$71.87
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.40 CF	9.6	22	211.2	\$0.49	\$103.49
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.39 CF	9.6	22	211.2	\$0.49	\$103.49
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.43 CF	10.6666	22	234.6652	\$0.49	\$114.99
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.45 CF	11	22	242	\$0.49	\$118.58
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.46 CF	11	22	242	\$0.49	\$118.58
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.45 CF	11.416666	22	251.166652	\$0.49	\$123.07
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.46 CF	11.6666666	22	256.666652	\$0.49	\$125.77
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.48 CF	11.6666666	22	256.666652	\$0.49	\$125.77
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.49 CF	11.75	22	258.5	\$0.49	\$126.67
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.52 CF	12.33333	22	271.33326	\$0.49	\$132.95
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.61 CF	14	22	308	\$0.49	\$150.92
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.62 CF	14.5	22	319	\$0.49	\$156.31
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.62 CF	14.5	22	319	\$0.49	\$156.31
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.62 CF	14.5	22	319	\$0.49	\$156.31
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.73 CF	17.0833333	22	375.8333326	\$0.49	\$184.16
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.73 CF	17.0833333	22	375.8333326	\$0.49	\$184.16
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.73 CF	17.0833333	22	375.8333326	\$0.49	\$184.16
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.73 CF	17.0833333	22	375.8333326	\$0.49	\$184.16
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.73 CF	17.583333	22	386.833326	\$0.49	\$189.55
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.75 CF	17.583333	22	386.833326	\$0.49	\$189.55
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.80 CF	19	22	418	\$0.49	\$204.82
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.82 CF	19	22	418	\$0.49	\$204.82
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.85 CF	19.75	22	434.5	\$0.49	\$212.91
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.87 CF	20.25	22	445.5	\$0.49	\$218.30
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.87 CF	20.25	22	445.5	\$0.49	\$218.30
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.86 CF	20.25	22	445.5	\$0.49	\$218.30
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.86 CF	20.25	22	445.5	\$0.49	\$218.30
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.93 CF	21.66666	22	476.66652	\$0.49	\$233.57
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.93 CF	21.66666	22	476.66652	\$0.49	\$233.57
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	1.39 CF	32.75	22	720.5	\$0.49	\$353.05
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W14X22	W14X22	1	0.53 CF	13.5	22	297	\$0.49	\$145.53















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Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.70 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.73 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.70 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	5.97 CF	36.5	84	3066	\$0.49	\$1,502.34
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	5.97 CF	36.5	84	3066	\$0.49	\$1,502.34
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	6.05 CF	36.5	84	3066	\$0.49	\$1,502.34
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	6.05 CF	36.5	84	3066	\$0.49	\$1,502.34
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X84	W24X84	1	6.05 CF	36.5	84	3066	\$0.49	\$1,502.34
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X94	W24X94	1	5.27 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X94	W24X94	1	5.27 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W24X94	W24X94	1	5.99 CF	32.3333	94	3039.3302	\$0.49	\$1,489.27
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W27X84	W27X84	1	4.79 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W27X84	W27X84	1	4.76 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W27X94	W27X94	1	5.29 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W27X94	W27X94	1	5.25 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W27X94	W27X94	1	5.29 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W27X94	W27X94	1	5.25 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 1st Floor	W-Wide Flange: W27X94	W27X94	1	5.24 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C12X20.7	C12X20.7	1	0.41 CF	8.5	20.7	175.95	\$0.49	\$86.22
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C12X20.7	C12X20.7	1	0.41 CF	8.5	20.7	175.95	\$0.49	\$86.22
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C12X20.7	C12X20.7	1	0.41 CF	8.5	20.7	175.95	\$0.49	\$86.22
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C12X20.7	C12X20.7	1	0.45 CF	9.66666	20.7	200.099862	\$0.49	\$98.05
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C12X20.7	C12X20.7	1	0.45 CF	9.66666	20.7	200.099862	\$0.49	\$98.05
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C12X20.7	C12X20.7	1	0.45 CF	9.66666	20.7	200.099862	\$0.49	\$98.05
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C12X20.7	C12X20.7	1	0.45 CF	9.66666	20.7	200.099862	\$0.49	\$98.05
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C12X20.7	C12X20.7	1	0.45 CF	9.66666	20.7	200.099862	\$0.49	\$98.05
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C8X11.5	C8X11.5	1	0.18 CF	7.25	11.5	83.375	\$0.49	\$40.85
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C8X11.5	C8X11.5	1	0.18 CF	7.25	11.5	83.375	\$0.49	\$40.85
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C8X11.5	C8X11.5	1	0.18 CF	7.25	11.5	83.375	\$0.49	\$40.85
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - 2nd Floor	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - 2nd Floor	HSS-Hollow Structural Section: HSS	HSS10X6X.375	1	0.80 CF	11.416666	37.69	430.2941415	\$0.49	\$210.84
Gravity	B10	Superstructure	Steel - 2nd Floor	HSS-Hollow Structural Section: HSS	HSS10X6X.375	1	0.80 CF	11.416666	37.69	430.2941415	\$0.49	\$210.84
Gravity	B10	Superstructure	Steel - 2nd Floor	HSS-Hollow Structural Section: HSS	HSS12X8X3/8	1	1.91 CF	21	47.9	1005.9	\$0.49	\$492.89
Gravity	B10	Superstructure	Steel - 2nd Floor	HSS-Hollow Structural Section: HSS	HSS12X8X3/8	1	2.17 CF	24.6666	47.9	1181.53014	\$0.49	\$578.95
Gravity	B10	Superstructure	Steel - 2nd Floor	HSS-Hollow Structural Section: HSS	HSS12X8X3/8	1	2.24 CF	24.6666	47.9	1181.53014	\$0.49	\$578.95
Gravity	B10	Superstructure	Steel - 2nd Floor	HSS-Hollow Structural Section: HSS	HSS6X3X3/8	1	0.47 CF	12.33333	19.82	244.4466006	\$0.49	\$119.78
Gravity	B10	Superstructure	Steel - 2nd Floor	HSS-Hollow Structural Section: HSS	HSS8X6X3/8	1	0.75 CF	12.16666	32.58	396.3897828	\$0.49	\$194.23
Gravity	B10	Superstructure	Steel - 2nd Floor	HSS-Hollow Structural Section: HSS	HSS8X6X3/8	1	1.16 CF	19	32.58	619.02	\$0.49	\$303.32

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.04 CF	2.5	12	30	\$0.49	\$14.70
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.05 CF	2.583333	12	30.999996	\$0.49	\$15.19
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.06 CF	3	12	36	\$0.49	\$17.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.06 CF	3	12	36	\$0.49	\$17.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.06 CF	3.25	12	39	\$0.49	\$19.11
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.08 CF	4	12	48	\$0.49	\$23.52
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.10 CF	4.6666	12	55.9992	\$0.49	\$27.44
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.11 CF	5	12	60	\$0.49	\$29.40
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.11 CF	5	12	60	\$0.49	\$29.40
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.11 CF	5	12	60	\$0.49	\$29.40
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.11 CF	5	12	60	\$0.49	\$29.40
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.11 CF	5.333	12	63.996	\$0.49	\$31.36
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.13 CF	5.75	12	69	\$0.49	\$33.81
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.13 CF	6.083333	12	72.999996	\$0.49	\$35.77
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.14 CF	6.5	12	78	\$0.49	\$38.22
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.16 CF	7	12	84	\$0.49	\$41.16
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.17 CF	7.5	12	90	\$0.49	\$44.10
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.17 CF	7.5	12	90	\$0.49	\$44.10
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.16 CF	7.5	12	90	\$0.49	\$44.10
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.18 CF	7.66666	12	91.99992	\$0.49	\$45.08
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.18 CF	7.66666	12	91.99992	\$0.49	\$45.08
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.21 CF	9.5	12	114	\$0.49	\$55.86
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.66666	12	115.99992	\$0.49	\$56.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.66666	12	115.99992	\$0.49	\$56.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.66666	12	115.99992	\$0.49	\$56.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.66666	12	115.99992	\$0.49	\$56.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.75	12	117	\$0.49	\$57.33
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.28 CF	12.33333	12	147.99996	\$0.49	\$72.52
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.28 CF	12.33333	12	147.99996	\$0.49	\$72.52
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.30 CF	13	12	156	\$0.49	\$76.44
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.36 CF	16	12	192	\$0.49	\$94.08
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.36 CF	16	12	192	\$0.49	\$94.08
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W10X12	W10X12	1	0.36 CF	16	12	192	\$0.49	\$94.08
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.06 CF	2.5	14	35	\$0.49	\$17.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.05 CF	2.5	14	35	\$0.49	\$17.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.08 CF	3	14	42	\$0.49	\$20.58
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.13 CF	5	14	70	\$0.49	\$34.30
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.13 CF	5	14	70	\$0.49	\$34.30
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.14 CF	5.333	14	74.662	\$0.49	\$36.58
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.75	14	80.5	\$0.49	\$39.45
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.75	14	80.5	\$0.49	\$39.45
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.14 CF	6.083333	14	85.166662	\$0.49	\$41.73
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.16 CF	6.25	14	87.5	\$0.49	\$42.88
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	7	14	98	\$0.49	\$48.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	7.25	14	101.5	\$0.49	\$49.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	7.25	14	101.5	\$0.49	\$49.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.19 CF	7.25	14	101.5	\$0.49	\$49.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.19 CF	7.25	14	101.5	\$0.49	\$49.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.19 CF	7.25	14	101.5	\$0.49	\$49.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.19 CF	7.5	14	105	\$0.49	\$51.45
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.23 CF	9	14	126	\$0.49	\$61.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.6	14	134.4	\$0.49	\$65.86
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.28 CF	10	14	140	\$0.49	\$68.60
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.30 CF	10.5	14	147	\$0.49	\$72.03
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.29 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.29 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.29 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.29 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.27 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.29 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.29 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.29 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.29 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.30 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.30 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.30 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.30 CF	11	14	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.1666666	14	156.333324	\$0.49	\$76.60
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.6666666	14	163.333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.6666666	14	163.333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.6666666	14	163.333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.34 CF	12	14	168	\$0.49	\$82.32
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.32 CF	12	14	168	\$0.49	\$82.32
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.32 CF	12	14	168	\$0.49	\$82.32
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.33 CF	12.083333	14	169.166662	\$0.49	\$82.89
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.33 CF	12.33333	14	172.66662	\$0.49	\$84.61
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.32 CF	12.33333	14	172.66662	\$0.49	\$84.61
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.35 CF	12.75	14	178.5	\$0.49	\$87.47
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.35 CF	13	14	182	\$0.49	\$89.18
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.35 CF	13	14	182	\$0.49	\$89.18
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.38 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.39 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.38 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.38 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.40 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.41 CF	15	14	210	\$0.49	\$102.90
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X14	W12X14	1	0.52 CF	19	14	266	\$0.49	\$130.34
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X16	W12X16	1	0.04 CF	1.1666666	16	18.666656	\$0.49	\$9.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X16	W12X16	1	0.21 CF	7	16	112	\$0.49	\$54.88
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X16	W12X16	1	0.29 CF	9.5	16	152	\$0.49	\$74.48
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X16	W12X16	1	0.43 CF	14	16	224	\$0.49	\$109.76
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X16	W12X16	1	0.43 CF	14	16	224	\$0.49	\$109.76
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X16	W12X16	1	0.43 CF	14	16	224	\$0.49	\$109.76
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X16	W12X16	1	0.49 CF	16	16	256	\$0.49	\$125.44
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X16	W12X16	1	0.65 CF	20.91666	16	334.66656	\$0.49	\$163.99
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X16	W12X16	1	0.65 CF	20.91666	16	334.66656	\$0.49	\$163.99
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X16	W12X16	1	0.70 CF	22.16666	16	354.66656	\$0.49	\$173.79
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W12X40	W12X40	1	0.83 CF	11	40	440	\$0.49	\$215.60
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.11 CF	2.583333	22	56.833326	\$0.49	\$27.85
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.14 CF	2.583333	22	56.833326	\$0.49	\$27.85

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.14 CF	3.5	22	77	\$0.49	\$37.73
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.19 CF	3.5	22	77	\$0.49	\$37.73
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.17 CF	3.5	22	77	\$0.49	\$37.73
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.21 CF	5.5	22	121	\$0.49	\$59.29
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.24 CF	6.66666	22	146.66652	\$0.49	\$71.87
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.33 CF	7.66666	22	168.66652	\$0.49	\$82.65
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.35 CF	7.66666	22	168.66652	\$0.49	\$82.65
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.37 CF	9	22	198	\$0.49	\$97.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.13 CF	9.81666	22	215.96652	\$0.49	\$105.82
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.41 CF	10	22	220	\$0.49	\$107.80
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.43 CF	10.6666	22	234.6652	\$0.49	\$114.99
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.43 CF	11	22	242	\$0.49	\$118.58
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.48 CF	11.20833333	22	246.5833333	\$0.49	\$120.83
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.46 CF	11.6666666	22	256.666652	\$0.49	\$125.77
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.49 CF	11.6666666	22	256.666652	\$0.49	\$125.77
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.49 CF	11.6666666	22	256.666652	\$0.49	\$125.77
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.51 CF	12	22	264	\$0.49	\$129.36
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.52 CF	12.33333	22	271.33326	\$0.49	\$132.95
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.55 CF	12.33333	22	271.33326	\$0.49	\$132.95
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.53 CF	12.625	22	277.75	\$0.49	\$136.10
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.53 CF	13.455	22	296.01	\$0.49	\$145.04
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.55 CF	13.66666	22	300.66652	\$0.49	\$147.33
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.55 CF	13.66666	22	300.66652	\$0.49	\$147.33
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.59 CF	14	22	308	\$0.49	\$150.92
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.59 CF	14	22	308	\$0.49	\$150.92
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.63 CF	14.6666	22	322.6652	\$0.49	\$158.11
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.72 CF	17.16666	22	377.66652	\$0.49	\$185.06
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.80 CF	19	22	418	\$0.49	\$204.82
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.78 CF	19	22	418	\$0.49	\$204.82
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.85 CF	19.75	22	434.5	\$0.49	\$212.91
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.87 CF	20.25	22	445.5	\$0.49	\$218.30
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.87 CF	20.25	22	445.5	\$0.49	\$218.30
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.86 CF	20.25	22	445.5	\$0.49	\$218.30
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.86 CF	20.25	22	445.5	\$0.49	\$218.30
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.88 CF	20.91666	22	460.16652	\$0.49	\$225.48
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.90 CF	20.91666	22	460.16652	\$0.49	\$225.48
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.92 CF	21.33333	22	469.33326	\$0.49	\$229.97
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.92 CF	21.5	22	473	\$0.49	\$231.77
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.92 CF	21.66666	22	476.66652	\$0.49	\$233.57
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.92 CF	21.66666	22	476.66652	\$0.49	\$233.57
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.96 CF	22.16666	22	487.66652	\$0.49	\$238.96
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	0.96 CF	22.16666	22	487.66652	\$0.49	\$238.96
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	1.06 CF	25	22	550	\$0.49	\$269.50
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X22	W14X22	1	1.12 CF	26	22	572	\$0.49	\$280.28
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X26	W14X26	1	0.85 CF	17	26	442	\$0.49	\$216.58
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X26	W14X26	1	0.87 CF	17	26	442	\$0.49	\$216.58
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X30	W14X30	1	0.63 CF	11	30	330	\$0.49	\$161.70
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X30	W14X30	1	0.63 CF	11	30	330	\$0.49	\$161.70
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X43	W14X43	1	1.20 CF	14	43	602	\$0.49	\$294.98
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W14X43	W14X43	1	1.20 CF	14	43	602	\$0.49	\$294.98
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.10 CF	1.66666	26	43.33316	\$0.49	\$21.23
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.21 CF	4	26	104	\$0.49	\$50.96
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.21 CF	5	26	130	\$0.49	\$63.70
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.23 CF	5	26	130	\$0.49	\$63.70
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.27 CF	5.75	26	149.5	\$0.49	\$73.26

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.34 CF	6.8	26	176.8	\$0.49	\$86.63
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.34 CF	7.25	26	188.5	\$0.49	\$92.37
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.34 CF	7.25	26	188.5	\$0.49	\$92.37
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.43 CF	9	26	234	\$0.49	\$114.66
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.46 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.46 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.50 CF	10	26	260	\$0.49	\$127.40
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.49 CF	10.125	26	263.25	\$0.49	\$128.99
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.49 CF	10.125	26	263.25	\$0.49	\$128.99
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.49 CF	10.125	26	263.25	\$0.49	\$128.99
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.49 CF	10.125	26	263.25	\$0.49	\$128.99
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.51 CF	10.6666	26	277.3316	\$0.49	\$135.89
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.54 CF	11	26	286	\$0.49	\$140.14
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.54 CF	11	26	286	\$0.49	\$140.14
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.56 CF	11.416666	26	296.833316	\$0.49	\$145.45
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.56 CF	11.416666	26	296.833316	\$0.49	\$145.45
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.60 CF	12.33333	26	320.66658	\$0.49	\$157.13
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.57 CF	12.33333	26	320.66658	\$0.49	\$157.13
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.60 CF	12.5	26	325	\$0.49	\$159.25
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.65 CF	12.5	26	325	\$0.49	\$159.25
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.63 CF	13.33333	26	346.66658	\$0.49	\$169.87
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.66 CF	14	26	364	\$0.49	\$178.36
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.67 CF	14	26	364	\$0.49	\$178.36
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.68 CF	14	26	364	\$0.49	\$178.36
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.75 CF	15	26	390	\$0.49	\$191.10
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.85 CF	17.33333	26	450.66658	\$0.49	\$220.83
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.96 CF	19	26	494	\$0.49	\$242.06
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.96 CF	19	26	494	\$0.49	\$242.06
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	0.96 CF	19	26	494	\$0.49	\$242.06
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.02 CF	20.25	26	526.5	\$0.49	\$257.99
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.06 CF	20.91666	26	543.83316	\$0.49	\$266.48
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.07 CF	21	26	546	\$0.49	\$267.54
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.15 CF	22.6666	26	589.3316	\$0.49	\$288.77
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.15 CF	22.6666	26	589.3316	\$0.49	\$288.77
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.20 CF	23.5	26	611	\$0.49	\$299.39
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.20 CF	24.25	26	630.5	\$0.49	\$308.95
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.20 CF	24.25	26	630.5	\$0.49	\$308.95
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.30 CF	25.8333	26	671.6658	\$0.49	\$329.12
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.30 CF	25.8333	26	671.6658	\$0.49	\$329.12
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.30 CF	25.8333	26	671.6658	\$0.49	\$329.12
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.40 CF	27.5	26	715	\$0.49	\$350.35
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.44 CF	28.5	26	741	\$0.49	\$363.09
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.44 CF	28.5	26	741	\$0.49	\$363.09
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.44 CF	29	26	754	\$0.49	\$369.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.47 CF	29	26	754	\$0.49	\$369.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.47 CF	29	26	754	\$0.49	\$369.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16x26	W16x26	1	1.47 CF	29	26	754	\$0.49	\$369.46





## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16X31	W16X31	1	1.76 CF	29	31	899	\$0.49	\$440.51
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16X31	W16X31	1	1.77 CF	29	31	899	\$0.49	\$440.51
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16X36	W16X36	1	0.70 CF	11	36	396	\$0.49	\$194.04
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16X36	W16X36	1	0.70 CF	11	36	396	\$0.49	\$194.04
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16X36	W16X36	1	1.29 CF	19	36	684	\$0.49	\$335.16
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16X36	W16X36	1	1.29 CF	19	36	684	\$0.49	\$335.16
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W16X45	W16X45	1	0.91 CF	10	45	450	\$0.49	\$220.50
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	0.12 CF	2.83333	35	99.16655	\$0.49	\$48.59
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	0.88 CF	12.9166666	35	452.083331	\$0.49	\$221.52
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	1.27 CF	19	35	665	\$0.49	\$325.85
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	1.43 CF	21.33333	35	746.66655	\$0.49	\$365.87
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	1.43 CF	21.33333	35	746.66655	\$0.49	\$365.87
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	1.65 CF	24.6666	35	863.331	\$0.49	\$423.03
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	1.70 CF	24.6666	35	863.331	\$0.49	\$423.03
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	1.84 CF	26.83333	35	939.16655	\$0.49	\$460.19
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	1.84 CF	26.83333	35	939.16655	\$0.49	\$460.19
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	1.95 CF	29	35	1015	\$0.49	\$497.35
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	2.51 CF	36.5	35	1277.5	\$0.49	\$625.98
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X35	W18X35	1	2.51 CF	36.5	35	1277.5	\$0.49	\$625.98
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X40	W18X40	1	1.64 CF	21.66666	40	866.6664	\$0.49	\$424.67
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X40	W18X40	1	1.64 CF	21.66666	40	866.6664	\$0.49	\$424.67
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X40	W18X40	1	1.73 CF	22.6666	40	906.664	\$0.49	\$444.27
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X40	W18X40	1	1.73 CF	22.6666	40	906.664	\$0.49	\$444.27
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X40	W18X40	1	2.87 CF	36.5	40	1460	\$0.49	\$715.40
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W18X40	W18X40	1	3.37 CF	42.66666	40	1706.6664	\$0.49	\$836.27
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	0.25 CF	3.5	44	154	\$0.49	\$75.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.21 CF	14	44	616	\$0.49	\$301.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.24 CF	14.83333	44	652.66652	\$0.49	\$319.81
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.24 CF	14.83333	44	652.66652	\$0.49	\$319.81
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.39 CF	17	44	748	\$0.49	\$366.52
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.80 CF	21.66666	44	953.33304	\$0.49	\$467.13
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.84 CF	21.66666	44	953.33304	\$0.49	\$467.13
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.84 CF	21.66666	44	953.33304	\$0.49	\$467.13
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.84 CF	21.66666	44	953.33304	\$0.49	\$467.13
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.85 CF	21.66666	44	953.33304	\$0.49	\$467.13
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.85 CF	21.66666	44	953.33304	\$0.49	\$467.13
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.94 CF	22.6666	44	997.3304	\$0.49	\$488.69
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.94 CF	22.6666	44	997.3304	\$0.49	\$488.69
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.94 CF	22.6666	44	997.3304	\$0.49	\$488.69
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.94 CF	22.6666	44	997.3304	\$0.49	\$488.69
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.94 CF	22.6666	44	997.3304	\$0.49	\$488.69
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	1.94 CF	22.6666	44	997.3304	\$0.49	\$488.69
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.10 CF	24.75	44	1089	\$0.49	\$533.61
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.12 CF	24.75	44	1089	\$0.49	\$533.61
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.17 CF	25.8333	44	1136.6652	\$0.49	\$556.97
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.17 CF	25.8333	44	1136.6652	\$0.49	\$556.97
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.17 CF	25.8333	44	1136.6652	\$0.49	\$556.97
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.22 CF	25.8333	44	1136.6652	\$0.49	\$556.97
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.22 CF	25.8333	44	1136.6652	\$0.49	\$556.97
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.22 CF	25.8333	44	1136.6652	\$0.49	\$556.97
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.21 CF	25.8333	44	1136.6652	\$0.49	\$556.97
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.21 CF	25.8333	44	1136.6652	\$0.49	\$556.97
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.21 CF	25.8333	44	1136.6652	\$0.49	\$556.97
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.25 CF	26.75	44	1177	\$0.49	\$576.73



## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.28 CF	26.75	44	1177	\$0.49	\$576.73
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.31 CF	26.75	44	1177	\$0.49	\$576.73
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.27 CF	26.83333	44	1180.66652	\$0.49	\$578.53
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.27 CF	26.83333	44	1180.66652	\$0.49	\$578.53
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.31 CF	26.83333	44	1180.66652	\$0.49	\$578.53
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.31 CF	26.83333	44	1180.66652	\$0.49	\$578.53
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.31 CF	26.83333	44	1180.66652	\$0.49	\$578.53
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.27 CF	26.83333	44	1180.66652	\$0.49	\$578.53
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.31 CF	26.83333	44	1180.66652	\$0.49	\$578.53
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.31 CF	26.83333	44	1180.66652	\$0.49	\$578.53
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.31 CF	26.83333	44	1180.66652	\$0.49	\$578.53
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.49 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.50 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.50 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.50 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.50 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.48 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.51 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.50 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.50 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.52 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X44	W21X44	1	2.51 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X50	W21X50	1	2.54 CF	26.75	50	1337.5	\$0.49	\$655.38
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X50	W21X50	1	2.78 CF	28.75	50	1437.5	\$0.49	\$704.38
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X50	W21X50	1	2.77 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X50	W21X50	1	2.82 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X62	W21X62	1	3.45 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X73	W21X73	1	1.82 CF	13.66666	73	997.66618	\$0.49	\$488.86
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W21X73	W21X73	1	2.11 CF	15.33333	73	1119.33309	\$0.49	\$548.47
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.16 CF	25.8333	104	2686.6632	\$0.49	\$1,316.46
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.85 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X117	W24X117	1	6.56 CF	29	117	3393	\$0.49	\$1,662.57
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X117	W24X117	1	6.56 CF	29	117	3393	\$0.49	\$1,662.57
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X117	W24X117	1	6.56 CF	29	117	3393	\$0.49	\$1,662.57
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X117	W24X117	1	6.56 CF	29	117	3393	\$0.49	\$1,662.57
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	0.29 CF	3.5	55	192.5	\$0.49	\$94.33
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	1.28 CF	12.25	55	673.75	\$0.49	\$330.14
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	1.27 CF	12.33333	55	678.33315	\$0.49	\$332.38
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	1.23 CF	12.33333	55	678.33315	\$0.49	\$332.38
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	1.23 CF	12.33333	55	678.33315	\$0.49	\$332.38
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	1.43 CF	13.83333	55	760.83315	\$0.49	\$372.81
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	2.65 CF	24.6666	55	1356.663	\$0.49	\$664.76

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	2.81 CF	26.75	55	1471.25	\$0.49	\$720.91
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	2.86 CF	26.75	55	1471.25	\$0.49	\$720.91
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	2.78 CF	26.75	55	1471.25	\$0.49	\$720.91
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	2.78 CF	26.75	55	1471.25	\$0.49	\$720.91
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	2.86 CF	26.75	55	1471.25	\$0.49	\$720.91
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	2.85 CF	26.75	55	1471.25	\$0.49	\$720.91
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	2.89 CF	26.75	55	1471.25	\$0.49	\$720.91
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	2.84 CF	26.83333	55	1475.83315	\$0.49	\$723.16
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	3.06 CF	29	55	1595	\$0.49	\$781.55
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	3.47 CF	32.16666	55	1769.1663	\$0.49	\$866.89
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	3.47 CF	32.16666	55	1769.1663	\$0.49	\$866.89
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	3.47 CF	32.16666	55	1769.1663	\$0.49	\$866.89
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	3.53 CF	32.75	55	1801.25	\$0.49	\$882.61
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	3.53 CF	32.75	55	1801.25	\$0.49	\$882.61
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	3.53 CF	32.75	55	1801.25	\$0.49	\$882.61
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	3.53 CF	32.75	55	1801.25	\$0.49	\$882.61
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	3.53 CF	32.75	55	1801.25	\$0.49	\$882.61
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24x55	W24x55	1	3.99 CF	37	55	2035	\$0.49	\$997.15
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.19 CF	26.83333	62	1663.66646	\$0.49	\$815.20
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.47 CF	28.75	62	1782.5	\$0.49	\$873.43
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.45 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.46 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.46 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.45 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.44 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.45 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.45 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.45 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.45 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.46 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.46 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.45 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.49 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.45 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.48 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X62	W24X62	1	3.48 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	1.42 CF	11.6666666	68	793.333288	\$0.49	\$388.73
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	1.69 CF	12.33333	68	838.66644	\$0.49	\$410.95
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	3.52 CF	26.83333	68	1824.66644	\$0.49	\$894.09
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	3.80 CF	29	68	1972	\$0.49	\$966.28
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	3.80 CF	29	68	1972	\$0.49	\$966.28
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	3.82 CF	29	68	1972	\$0.49	\$966.28
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	3.81 CF	29	68	1972	\$0.49	\$966.28
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	3.85 CF	29	68	1972	\$0.49	\$966.28
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	3.84 CF	29	68	1972	\$0.49	\$966.28
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	4.08 CF	31	68	2108	\$0.49	\$1,032.92
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	4.18 CF	31.25	68	2125	\$0.49	\$1,041.25
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	4.18 CF	31.25	68	2125	\$0.49	\$1,041.25
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	5.69 CF	42.66666	68	2901.33288	\$0.49	\$1,421.65
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X68	W24X68	1	5.69 CF	42.66666	68	2901.33288	\$0.49	\$1,421.65
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X76	W24X76	1	2.09 CF	15	76	1140	\$0.49	\$558.60
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X76	W24X76	1	4.24 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X76	W24X76	1	4.24 CF	29	76	2204	\$0.49	\$1,079.96

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X76	W24X76	1	4.25 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X76	W24X76	1	4.24 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X76	W24X76	1	4.25 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X76	W24X76	1	4.26 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X76	W24X76	1	4.25 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X76	W24X76	1	4.24 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	2.31 CF	15	84	1260	\$0.49	\$617.40
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.36 CF	26.75	84	2247	\$0.49	\$1,101.03
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.68 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.68 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.68 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.68 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.70 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.70 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.70 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	4.69 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	5.97 CF	36.5	84	3066	\$0.49	\$1,502.34
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	6.02 CF	36.5	84	3066	\$0.49	\$1,502.34
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	6.02 CF	36.5	84	3066	\$0.49	\$1,502.34
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X84	W24X84	1	6.02 CF	36.5	84	3066	\$0.49	\$1,502.34
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X94	W24X94	1	5.26 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X94	W24X94	1	5.27 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X94	W24X94	1	5.27 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X94	W24X94	1	5.87 CF	32.16666	94	3023.66604	\$0.49	\$1,481.60
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X94	W24X94	1	5.99 CF	32.3333	94	3039.3302	\$0.49	\$1,489.27
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X94	W24X94	1	6.71 CF	36.5	94	3431	\$0.49	\$1,681.19
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W24X94	W24X94	1	6.71 CF	36.5	94	3431	\$0.49	\$1,681.19
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W27X84	W27X84	1	2.27 CF	14	84	1176	\$0.49	\$576.24
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W27X84	W27X84	1	3.50 CF	21.33333	84	1791.99972	\$0.49	\$878.08
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W27X84	W27X84	1	4.38 CF	26.75	84	2247	\$0.49	\$1,101.03
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W27X84	W27X84	1	4.37 CF	26.75	84	2247	\$0.49	\$1,101.03
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W27X84	W27X84	1	4.76 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W27X84	W27X84	1	4.79 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W27X94	W27X94	1	5.24 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W27X94	W27X94	1	5.29 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W27X94	W27X94	1	5.25 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W27X94	W27X94	1	5.25 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W27X94	W27X94	1	5.29 CF	29	94	2726	\$0.49	\$1,335.74
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W36X230 - Obsolete	W36X230 - Obsolete	1	8.25 CF	19	230	4370	\$0.49	\$2,141.30
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W36X230 - Obsolete	W36X230 - Obsolete	1	16.31 CF	36.333	230	8356.59	\$0.49	\$4,094.73
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W36X328 - Obsolete	W36X328 - Obsolete	1	11.78 CF	19	328	6232	\$0.49	\$3,053.68
Gravity	B10	Superstructure	Steel - 2nd Floor	W-Wide Flange: W8X48	W8X48	1	1.27 CF	12.33333	48	591.99984	\$0.49	\$290.08
Gravity	B10	Superstructure	Steel - 3rd Floor	C-Channel: C8X11.5	C8X11.5	1	0.24 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - 3rd Floor	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - 3rd Floor	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - 3rd Floor	C-Channel: C8X11.5	C8X11.5	1	0.24 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - 3rd Floor	HSS-Hollow Structural Section: HSS	HSS10X6X.375	1	1.04 CF	14.75	37.69	555.9275	\$0.49	\$272.40
Gravity	B10	Superstructure	Steel - 3rd Floor	HSS-Hollow Structural Section: HSS	HSS10X6X.375	1	1.04 CF	14.75	37.69	555.9275	\$0.49	\$272.40

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 3rd Floor	HSS-Hollow Structural Section: HSS	HSS12X8X3/8	1	1.11 CF	12.33333	47.9	590.766507	\$0.49	\$289.48
Gravity	B10	Superstructure	Steel - 3rd Floor	HSS-Hollow Structural Section: HSS	HSS5X5X3/8	1	0.41 CF	10	22.37	223.7	\$0.49	\$109.61
Gravity	B10	Superstructure	Steel - 3rd Floor	HSS-Hollow Structural Section: HSS	HSS8X6X3/8	1	0.66 CF	10.83333	32.58	352.9498914	\$0.49	\$172.95
Gravity	B10	Superstructure	Steel - 3rd Floor	HSS-Hollow Structural Section: HSS	HSS8X6X3/8	1	1.18 CF	19	32.58	619.02	\$0.49	\$303.32
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.06 CF	3.33333	12	39.99996	\$0.49	\$19.60
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.08 CF	3.5	12	42	\$0.49	\$20.58
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.08 CF	3.5	12	42	\$0.49	\$20.58
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.07 CF	3.5	12	42	\$0.49	\$20.58
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.09 CF	4	12	48	\$0.49	\$23.52
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.09 CF	4	12	48	\$0.49	\$23.52
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.09 CF	4	12	48	\$0.49	\$23.52
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.10 CF	4.5	12	54	\$0.49	\$26.46
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.11 CF	5	12	60	\$0.49	\$29.40
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.13 CF	6.083333	12	72.999996	\$0.49	\$35.77
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.15 CF	6.66666	12	79.99992	\$0.49	\$39.20
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.15 CF	6.66666	12	79.99992	\$0.49	\$39.20
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.17 CF	7.5	12	90	\$0.49	\$44.10
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.17 CF	7.5	12	90	\$0.49	\$44.10
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.16 CF	7.5	12	90	\$0.49	\$44.10
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.18 CF	8	12	96	\$0.49	\$47.04
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.18 CF	8.25	12	99	\$0.49	\$48.51
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.18 CF	8.25	12	99	\$0.49	\$48.51
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.19 CF	8.5	12	102	\$0.49	\$49.98
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.20 CF	8.75	12	105	\$0.49	\$51.45
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.66666	12	115.99992	\$0.49	\$56.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.66666	12	115.99992	\$0.49	\$56.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.66666	12	115.99992	\$0.49	\$56.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.75	12	117	\$0.49	\$57.33
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.75	12	117	\$0.49	\$57.33
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.75	12	117	\$0.49	\$57.33
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.75	12	117	\$0.49	\$57.33
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.59 CF	25.8333	12	309.9996	\$0.49	\$151.90
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.67 CF	29	12	348	\$0.49	\$170.52
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W10X12	W10X12	1	0.74 CF	32.16666	12	385.99992	\$0.49	\$189.14
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.11 CF	4.5	14	63	\$0.49	\$30.87
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.6666	14	79.3324	\$0.49	\$38.87
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.6666	14	79.3324	\$0.49	\$38.87
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.75	14	80.5	\$0.49	\$39.45
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.75	14	80.5	\$0.49	\$39.45
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.15 CF	5.75	14	80.5	\$0.49	\$39.45
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.17 CF	6.2	14	86.8	\$0.49	\$42.53
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.16 CF	6.25	14	87.5	\$0.49	\$42.88
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.16 CF	6.25	14	87.5	\$0.49	\$42.88
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	6.66666	14	93.33324	\$0.49	\$45.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	6.66666	14	93.33324	\$0.49	\$45.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	6.66666	14	93.33324	\$0.49	\$45.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	6.66666	14	93.33324	\$0.49	\$45.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	6.66666	14	93.33324	\$0.49	\$45.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	6.66666	14	93.33324	\$0.49	\$45.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	6.66666	14	93.33324	\$0.49	\$45.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	6.66666	14	93.33324	\$0.49	\$45.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	6.66666	14	93.33324	\$0.49	\$45.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	6.66666	14	93.33324	\$0.49	\$45.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.18 CF	6.66666	14	93.33324	\$0.49	\$45.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.19 CF	7.33333	14	102.66662	\$0.49	\$50.31

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.19 CF	7.33333	14	102.66662	\$0.49	\$50.31
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.20 CF	7.33333	14	102.66662	\$0.49	\$50.31
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.19 CF	8	14	112	\$0.49	\$54.88
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.23 CF	8.3333	14	116.6662	\$0.49	\$57.17
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.24 CF	9	14	126	\$0.49	\$61.74
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.23 CF	9.18	14	128.52	\$0.49	\$62.97
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.24 CF	9.18	14	128.52	\$0.49	\$62.97
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.24 CF	9.25	14	129.5	\$0.49	\$63.46
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.6	14	134.4	\$0.49	\$65.86
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.27 CF	10	14	140	\$0.49	\$68.60
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.28 CF	10.5	14	147	\$0.49	\$72.03
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.28 CF	10.6875	14	149.625	\$0.49	\$73.32
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.28 CF	10.6875	14	149.625	\$0.49	\$73.32
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.31 CF	10.8333	14	151.6662	\$0.49	\$74.32
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.6666666	14	163.333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.6666666	14	163.333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.33 CF	12.33333	14	172.66662	\$0.49	\$84.61
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.35 CF	12.33333	14	172.66662	\$0.49	\$84.61
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.33 CF	12.33333	14	172.66662	\$0.49	\$84.61
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.35 CF	12.75	14	178.5	\$0.49	\$87.47
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.35 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.35 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.35 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	13.66666	14	191.33324	\$0.49	\$93.75
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.38 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.37 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.38 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.38 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X14	W12X14	1	0.51 CF	18.6666	14	261.3324	\$0.49	\$128.05
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X16	W12X16	1	0.54 CF	17.583333	16	281.333328	\$0.49	\$137.85
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X16	W12X16	1	0.54 CF	17.583333	16	281.333328	\$0.49	\$137.85
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X19	W12X19	1	0.80 CF	21.5	19	408.5	\$0.49	\$200.17
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X19	W12X19	1	0.80 CF	21.5	19	408.5	\$0.49	\$200.17
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X19	W12X19	1	0.78 CF	21.66666	19	411.66654	\$0.49	\$201.72
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X19	W12X19	1	0.78 CF	21.66666	19	411.66654	\$0.49	\$201.72
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X19	W12X19	1	0.78 CF	21.66666	19	411.66654	\$0.49	\$201.72
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X19	W12X19	1	0.81 CF	21.66666	19	411.66654	\$0.49	\$201.72
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X19	W12X19	1	0.81 CF	21.66666	19	411.66654	\$0.49	\$201.72
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X19	W12X19	1	0.80 CF	21.66666	19	411.66654	\$0.49	\$201.72
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W12X19	W12X19	1	0.80 CF	21.66666	19	411.66654	\$0.49	\$201.72
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.09 CF	1.33333	22	29.33326	\$0.49	\$14.37
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.12 CF	2.5	22	55	\$0.49	\$26.95
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.15 CF	3.5	22	77	\$0.49	\$37.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.29 CF	6.5	22	143	\$0.49	\$70.07
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.24 CF	6.66666	22	146.66652	\$0.49	\$71.87
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.33 CF	7.66666	22	168.66652	\$0.49	\$82.65
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.35 CF	9	22	198	\$0.49	\$97.02
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.43 CF	10	22	220	\$0.49	\$107.80
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.44 CF	10.5	22	231	\$0.49	\$113.19

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.46 CF	10.5	22	231	\$0.49	\$113.19
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.46 CF	11.6666666	22	256.6666652	\$0.49	\$125.77
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.49 CF	11.6666666	22	256.6666652	\$0.49	\$125.77
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.49 CF	11.6666666	22	256.6666652	\$0.49	\$125.77
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.51 CF	12	22	264	\$0.49	\$129.36
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.52 CF	12.333333	22	271.33326	\$0.49	\$132.95
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.53 CF	13.455	22	296.01	\$0.49	\$145.04
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.57 CF	13.83333	22	304.33326	\$0.49	\$149.12
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.69 CF	17	22	374	\$0.49	\$183.26
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.73 CF	17.583333	22	386.833326	\$0.49	\$189.55
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.74 CF	17.583333	22	386.833326	\$0.49	\$189.55
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.74 CF	17.583333	22	386.833326	\$0.49	\$189.55
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.77 CF	18.3333	22	403.3326	\$0.49	\$197.63
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.77 CF	18.33333	22	403.33326	\$0.49	\$197.63
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.78 CF	19	22	418	\$0.49	\$204.82
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.92 CF	21.66666	22	476.66652	\$0.49	\$233.57
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.92 CF	21.66666	22	476.66652	\$0.49	\$233.57
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.98 CF	22.6666	22	498.6652	\$0.49	\$244.35
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.98 CF	22.6666	22	498.6652	\$0.49	\$244.35
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.98 CF	22.6666	22	498.6652	\$0.49	\$244.35
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.98 CF	22.6666	22	498.6652	\$0.49	\$244.35
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.98 CF	22.6666	22	498.6652	\$0.49	\$244.35
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	0.98 CF	22.6666	22	498.6652	\$0.49	\$244.35
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W14X22	W14X22	1	1.37 CF	31.25	22	687.5	\$0.49	\$336.88
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.23 CF	5	26	130	\$0.49	\$63.70
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.28 CF	6	26	156	\$0.49	\$76.44
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.28 CF	6.14	26	159.64	\$0.49	\$78.22
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.28 CF	6.14	26	159.64	\$0.49	\$78.22
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.35 CF	7.33333	26	190.66658	\$0.49	\$93.43
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.39 CF	8	26	208	\$0.49	\$101.92
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.43 CF	8.75	26	227.5	\$0.49	\$111.48
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.44 CF	9	26	234	\$0.49	\$114.66
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.43 CF	9.18	26	238.68	\$0.49	\$116.95
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.45 CF	9.5	26	247	\$0.49	\$121.03
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.45 CF	9.5	26	247	\$0.49	\$121.03
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.46 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.46 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.46 CF	9.66666	26	251.33316	\$0.49	\$123.15
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.46 CF	9.75	26	253.5	\$0.49	\$124.22
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W16x26	W16x26	1	0.47 CF	10	26	260	\$0.49	\$127.40









## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X35	W18X35	1	2.00 CF	29	35	1015	\$0.49	\$497.35
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X35	W18X35	1	2.14 CF	31.25	35	1093.75	\$0.49	\$535.94
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X35	W18X35	1	2.14 CF	31.25	35	1093.75	\$0.49	\$535.94
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X35	W18X35	1	2.23 CF	32.16666	35	1125.8331	\$0.49	\$551.66
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X35	W18X35	1	2.23 CF	32.16666	35	1125.8331	\$0.49	\$551.66
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X35	W18X35	1	2.19 CF	32.3333	35	1131.6655	\$0.49	\$554.52
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X35	W18X35	1	2.51 CF	36.5	35	1277.5	\$0.49	\$625.98
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X35	W18X35	1	2.51 CF	36.5	35	1277.5	\$0.49	\$625.98
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X35	W18X35	1	2.51 CF	36.5	35	1277.5	\$0.49	\$625.98
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X35	W18X35	1	2.51 CF	36.5	35	1277.5	\$0.49	\$625.98
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X35	W18X35	1	2.97 CF	42.66666	35	1493.3331	\$0.49	\$731.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X40	W18X40	1	0.48 CF	5.6666	40	226.664	\$0.49	\$111.07
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X40	W18X40	1	0.48 CF	5.6666	40	226.664	\$0.49	\$111.07
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X40	W18X40	1	2.24 CF	28.75	40	1150	\$0.49	\$563.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X40	W18X40	1	2.23 CF	29	40	1160	\$0.49	\$568.40
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X40	W18X40	1	2.27 CF	29	40	1160	\$0.49	\$568.40
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X40	W18X40	1	2.27 CF	29	40	1160	\$0.49	\$568.40
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X40	W18X40	1	2.28 CF	29	40	1160	\$0.49	\$568.40
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X40	W18X40	1	2.46 CF	31.25	40	1250	\$0.49	\$612.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X40	W18X40	1	2.46 CF	31.25	40	1250	\$0.49	\$612.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X40	W18X40	1	3.34 CF	42.66666	40	1706.6664	\$0.49	\$836.27
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X40	W18X40	1	3.34 CF	42.66666	40	1706.6664	\$0.49	\$836.27
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W18X65	W18X65	1	3.90 CF	31	65	2015	\$0.49	\$987.35
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X44	W21X44	1	0.64 CF	8.25	44	363	\$0.49	\$177.87
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X44	W21X44	1	0.68 CF	8.3333	44	366.6652	\$0.49	\$179.67
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X44	W21X44	1	0.71 CF	8.3333	44	366.6652	\$0.49	\$179.67
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X44	W21X44	1	2.10 CF	24.75	44	1089	\$0.49	\$533.61
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X44	W21X44	1	2.12 CF	24.75	44	1089	\$0.49	\$533.61
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X44	W21X44	1	2.46 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X44	W21X44	1	2.45 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X44	W21X44	1	2.46 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X44	W21X44	1	2.48 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X44	W21X44	1	2.51 CF	29	44	1276	\$0.49	\$625.24
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X48	W21X48	1	2.29 CF	24.75	48	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.80 CF	28.75	50	1437.5	\$0.49	\$704.38
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.80 CF	28.75	50	1437.5	\$0.49	\$704.38
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.78 CF	28.75	50	1437.5	\$0.49	\$704.38
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.78 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.77 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.77 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.77 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.82 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.82 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.77 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.77 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.82 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.82 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.77 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.78 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.78 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.77 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.78 CF	29.3	50	1465	\$0.49	\$717.85
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X50	W21X50	1	2.82 CF	29.3	50	1465	\$0.49	\$717.85
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X57	W21X57	1	3.18 CF	29	57	1653	\$0.49	\$809.97
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X62	W21X62	1	3.51 CF	28.75	62	1782.5	\$0.49	\$873.43
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W21X73	W21X73	1	4.39 CF	31	73	2263	\$0.49	\$1,108.87
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.34 CF	26.75	104	2782	\$0.49	\$1,363.18
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.48 CF	26.75	104	2782	\$0.49	\$1,363.18
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.34 CF	26.75	104	2782	\$0.49	\$1,363.18
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.48 CF	26.75	104	2782	\$0.49	\$1,363.18
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.85 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.85 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	6.13 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	6.13 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	6.24 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.84 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X104	W24X104	1	5.85 CF	29	104	3016	\$0.49	\$1,477.84
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X117	W24X117	1	6.35 CF	27	117	3159	\$0.49	\$1,547.91
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24x55	W24x55	1	2.01 CF	18.5	55	1017.5	\$0.49	\$498.58
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24x55	W24x55	1	3.07 CF	29.3	55	1611.5	\$0.49	\$789.64
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24x55	W24x55	1	3.08 CF	29.3	55	1611.5	\$0.49	\$789.64
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24x55	W24x55	1	3.08 CF	29.3	55	1611.5	\$0.49	\$789.64
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24x55	W24x55	1	3.29 CF	31	55	1705	\$0.49	\$835.45
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X62	W24X62	1	3.55 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X62	W24X62	1	3.55 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X68	W24X68	1	1.42 CF	11.6666666	68	793.3333288	\$0.49	\$388.73
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X68	W24X68	1	1.62 CF	12.333333	68	838.66644	\$0.49	\$410.95
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X68	W24X68	1	3.83 CF	29.5	68	2006	\$0.49	\$982.94
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X76	W24X76	1	2.09 CF	15	76	1140	\$0.49	\$558.60
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X76	W24X76	1	3.92 CF	26.75	76	2033	\$0.49	\$996.17
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X76	W24X76	1	3.99 CF	26.75	76	2033	\$0.49	\$996.17
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X76	W24X76	1	3.96 CF	26.75	76	2033	\$0.49	\$996.17
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X76	W24X76	1	3.93 CF	26.75	76	2033	\$0.49	\$996.17
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X76	W24X76	1	4.25 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X76	W24X76	1	4.24 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X76	W24X76	1	4.38 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X76	W24X76	1	4.25 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X76	W24X76	1	4.25 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X84	W24X84	1	4.36 CF	26.75	84	2247	\$0.49	\$1,101.03
Gravity	B10	Superstructure	Steel - 3rd Floor	W-Wide Flange: W24X84	W24X84	1	4.68 CF	29	84	2436	\$0.49	\$1,193.64



















## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - 4th Floor	W-Wide Flange: W30X90	W30X90	1	3.37 CF	19	90	1710	\$0.49	\$837.90
Gravity	B10	Superstructure	Steel - 4th Floor	W-Wide Flange: W30X90	W30X90	1	3.70 CF	21.33333	90	1919.9997	\$0.49	\$940.80
Gravity	B10	Superstructure	Steel - 4th Floor	W-Wide Flange: W30X90	W30X90	1	3.98 CF	23	90	2070	\$0.49	\$1,014.30
Gravity	B10	Superstructure	Steel - 4th Floor	W-Wide Flange: W30X90	W30X90	1	4.10 CF	23.75	90	2137.5	\$0.49	\$1,047.38
Gravity	B10	Superstructure	Steel - Main Roof	HSS-Hollow Structural Section: HSS	HSS10X6X.375	1	1.02 CF	14.83333	37.69	559.0682077	\$0.49	\$273.94
Gravity	B10	Superstructure	Steel - Main Roof	HSS-Hollow Structural Section: HSS	HSS10X6X.375	1	1.02 CF	14.83333	37.69	559.0682077	\$0.49	\$273.94
Gravity	B10	Superstructure	Steel - Main Roof	HSS-Hollow Structural Section: HSS	HSS18X6X.375	1	1.64 CF	14.83333	58.1	861.816473	\$0.49	\$422.29
Gravity	B10	Superstructure	Steel - Main Roof	HSS-Hollow Structural Section: HSS	HSS8X6X3/8	1	0.73 CF	12.16666	32.58	396.3897828	\$0.49	\$194.23
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.05 CF	2.5	12	30	\$0.49	\$14.70
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.06 CF	3.33333	12	39.99996	\$0.49	\$19.60
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.13 CF	5.75	12	69	\$0.49	\$33.81
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.13 CF	5.75	12	69	\$0.49	\$33.81
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.13 CF	5.75	12	69	\$0.49	\$33.81
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.13 CF	5.75	12	69	\$0.49	\$33.81
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.13 CF	6.083333	12	72.99996	\$0.49	\$35.77
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.19 CF	8.75	12	105	\$0.49	\$51.45
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.21 CF	9.5	12	114	\$0.49	\$55.86
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.21 CF	9.5	12	114	\$0.49	\$55.86
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.5	12	114	\$0.49	\$55.86
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.5	12	114	\$0.49	\$55.86
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.5	12	114	\$0.49	\$55.86
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.5	12	114	\$0.49	\$55.86
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.5	12	114	\$0.49	\$55.86
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.5	12	114	\$0.49	\$55.86
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.5	12	114	\$0.49	\$55.86
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.10 CF	4.4	14	61.6	\$0.49	\$30.18
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.22 CF	8.3333	14	116.6662	\$0.49	\$57.17
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.22 CF	8.3333	14	116.6662	\$0.49	\$57.17
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.22 CF	8.5	14	119	\$0.49	\$58.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.22 CF	8.5	14	119	\$0.49	\$58.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.6	14	134.4	\$0.49	\$65.86
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.25 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.25 CF	9.66666	14	135.33324	\$0.49	\$66.31
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.29 CF	10.6666	14	149.3324	\$0.49	\$73.17
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.29 CF	10.6666	14	149.3324	\$0.49	\$73.17
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.29 CF	10.6666	14	149.3324	\$0.49	\$73.17
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.29 CF	10.6666	14	149.3324	\$0.49	\$73.17
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.32 CF	11.6666666	14	163.333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.32 CF	11.6666666	14	163.333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.32 CF	11.6666666	14	163.333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X14	W12X14	1	0.38 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X16	W12X16	1	0.64 CF	20.6	16	329.6	\$0.49	\$161.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X16	W12X16	1	0.65 CF	20.6	16	329.6	\$0.49	\$161.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X19	W12X19	1	0.32 CF	9	19	171	\$0.49	\$83.79
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X19	W12X19	1	0.32 CF	9	19	171	\$0.49	\$83.79
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X19	W12X19	1	0.33 CF	9.25	19	175.75	\$0.49	\$86.12
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X19	W12X19	1	0.35 CF	9.66666	19	183.66654	\$0.49	\$90.00
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W12X19	W12X19	1	0.35 CF	9.66666	19	183.66654	\$0.49	\$90.00











## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W18X35	W18X35	1	0.97 CF	14.83333	35	519.16655	\$0.49	\$254.39
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W18X35	W18X35	1	1.25 CF	19	35	665	\$0.49	\$325.85
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W18X35	W18X35	1	1.27 CF	19	35	665	\$0.49	\$325.85
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W18X35	W18X35	1	1.79 CF	26.75	35	936.25	\$0.49	\$458.76
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W18X35	W18X35	1	1.84 CF	26.75	35	936.25	\$0.49	\$458.76
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W18X35	W18X35	1	1.81 CF	26.75	35	936.25	\$0.49	\$458.76
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W18X35	W18X35	1	1.98 CF	29	35	1015	\$0.49	\$497.35
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W18X35	W18X35	1	1.96 CF	29	35	1015	\$0.49	\$497.35
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W18X35	W18X35	1	1.96 CF	29	35	1015	\$0.49	\$497.35
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W18X35	W18X35	1	1.96 CF	29	35	1015	\$0.49	\$497.35
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W18X55	W18X55	1	3.35 CF	31	55	1705	\$0.49	\$835.45
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X44	W21X44	1	1.07 CF	13.33333	44	586.66652	\$0.49	\$287.47
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X44	W21X44	1	1.80 CF	21.33333	44	938.66652	\$0.49	\$459.95
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X44	W21X44	1	2.46 CF	28.75	44	1265	\$0.49	\$619.85
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X48	W21X48	1	2.30 CF	25	48	1200	\$0.49	\$588.00
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.89 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.78 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.78 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.81 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.84 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.78 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.78 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.82 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.78 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.80 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.82 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.84 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.84 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.84 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.84 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.84 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.84 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.81 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.81 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.83 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.81 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.84 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.81 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.81 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X50	W21X50	1	2.81 CF	29	50	1450	\$0.49	\$710.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X62	W21X62	1	3.16 CF	26.4	62	1636.8	\$0.49	\$802.03
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X62	W21X62	1	3.46 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W21X62	W21X62	1	3.52 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24x55	W24x55	1	1.26 CF	12.083333	55	664.583315	\$0.49	\$325.65
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24x55	W24x55	1	1.25 CF	12.33333	55	678.33315	\$0.49	\$332.38
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24x55	W24x55	1	1.42 CF	14	55	770	\$0.49	\$377.30
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24x55	W24x55	1	3.07 CF	29	55	1595	\$0.49	\$781.55
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24x55	W24x55	1	3.07 CF	29	55	1595	\$0.49	\$781.55
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24x55	W24x55	1	3.13 CF	29	55	1595	\$0.49	\$781.55
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24X62	W24X62	1	1.51 CF	13.33333	62	826.66646	\$0.49	\$405.07
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24X62	W24X62	1	3.51 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24X62	W24X62	1	3.52 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24X62	W24X62	1	3.51 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24X62	W24X62	1	3.51 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W24X62	W24X62	1	3.48 CF	29	62	1798	\$0.49	\$881.02



## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W27X84	W27X84	1	4.70 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W27X84	W27X84	1	4.70 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W27X84	W27X84	1	4.71 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W27X84	W27X84	1	4.71 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W30X99	W30X99	1	5.94 CF	31	99	3069	\$0.49	\$1,503.81
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W33X118	W33X118	1	5.69 CF	25	118	2950	\$0.49	\$1,445.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W33X130	W33X130	1	3.34 CF	13.33333	130	1733.3329	\$0.49	\$849.33
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W33X130	W33X130	1	6.21 CF	25	130	3250	\$0.49	\$1,592.50
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W33X130	W33X130	1	7.26 CF	28.5	130	3705	\$0.49	\$1,815.45
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W36X135	W36X135	1	7.45 CF	28.5	135	3847.5	\$0.49	\$1,885.28
Gravity	B10	Superstructure	Steel - Main Roof	W-Wide Flange: W36X230 - Obsolete	W36X230 - Obsolete	1	14.54 CF	32.3333	230	7436.659	\$0.49	\$3,643.96
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.04 CF	1.83333	11.5	21.083295	\$0.49	\$10.33
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.04 CF	1.83333	11.5	21.083295	\$0.49	\$10.33
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.04 CF	1.9166666	11.5	22.0416659	\$0.49	\$10.80
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.05 CF	1.9166666	11.5	22.0416659	\$0.49	\$10.80
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.05 CF	2	11.5	23	\$0.49	\$11.27
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.05 CF	2	11.5	23	\$0.49	\$11.27
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.05 CF	2	11.5	23	\$0.49	\$11.27
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.06 CF	2.25	11.5	25.875	\$0.49	\$12.68
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.06 CF	2.25	11.5	25.875	\$0.49	\$12.68
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.06 CF	2.5	11.5	28.75	\$0.49	\$14.09
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.06 CF	2.5	11.5	28.75	\$0.49	\$14.09
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.06 CF	2.5	11.5	28.75	\$0.49	\$14.09
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.07 CF	2.75	11.5	31.625	\$0.49	\$15.50
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.07 CF	2.75	11.5	31.625	\$0.49	\$15.50
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.07 CF	2.75	11.5	31.625	\$0.49	\$15.50
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.07 CF	2.83333	11.5	32.583295	\$0.49	\$15.97
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.07 CF	2.83333	11.5	32.583295	\$0.49	\$15.97
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.07 CF	3	11.5	34.5	\$0.49	\$16.91
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.07 CF	3	11.5	34.5	\$0.49	\$16.91
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.07 CF	3	11.5	34.5	\$0.49	\$16.91
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.07 CF	3	11.5	34.5	\$0.49	\$16.91
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.07 CF	3	11.5	34.5	\$0.49	\$16.91
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.10 CF	4	11.5	46	\$0.49	\$22.54
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.10 CF	4	11.5	46	\$0.49	\$22.54
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.10 CF	4	11.5	46	\$0.49	\$22.54
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.15 CF	6	11.5	69	\$0.49	\$33.81
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.15 CF	6	11.5	69	\$0.49	\$33.81
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.16 CF	6.333	11.5	72.8295	\$0.49	\$35.69
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.16 CF	6.3333	11.5	72.83295	\$0.49	\$35.69
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.19 CF	7.25	11.5	83.375	\$0.49	\$40.85
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.18 CF	7.25	11.5	83.375	\$0.49	\$40.85
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.19 CF	7.25	11.5	83.375	\$0.49	\$40.85
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.18 CF	7.25	11.5	83.375	\$0.49	\$40.85
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.18 CF	7.25	11.5	83.375	\$0.49	\$40.85
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.19 CF	7.25	11.5	83.375	\$0.49	\$40.85
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.21 CF	8	11.5	92	\$0.49	\$45.08
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.21 CF	8	11.5	92	\$0.49	\$45.08
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.21 CF	8	11.5	92	\$0.49	\$45.08
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.21 CF	8	11.5	92	\$0.49	\$45.08

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.21 CF	8	11.5	92	\$0.49	\$45.08
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.22 CF	8.25	11.5	94.875	\$0.49	\$46.49
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.22 CF	8.25	11.5	94.875	\$0.49	\$46.49
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.21 CF	8.25	11.5	94.875	\$0.49	\$46.49
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.21 CF	8.25	11.5	94.875	\$0.49	\$46.49
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.24 CF	9	11.5	103.5	\$0.49	\$50.72
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.24 CF	9	11.5	103.5	\$0.49	\$50.72
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.24 CF	9	11.5	103.5	\$0.49	\$50.72
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.5	11.5	109.25	\$0.49	\$53.53
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.5	11.5	109.25	\$0.49	\$53.53
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.5	11.5	109.25	\$0.49	\$53.53
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.26 CF	9.6	11.5	110.4	\$0.49	\$54.10
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.26 CF	9.6	11.5	110.4	\$0.49	\$54.10
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.6	11.5	110.4	\$0.49	\$54.10
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.6	11.5	110.4	\$0.49	\$54.10
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.6	11.5	110.4	\$0.49	\$54.10
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.25 CF	9.66666	11.5	111.16659	\$0.49	\$54.47
Gravity	B10	Superstructure	Steel - Penthouse	C-Channel: C8X11.5	C8X11.5	1	0.27 CF	9.875	11.5	113.5625	\$0.49	\$55.65
Gravity	B10	Superstructure	Steel - Penthouse	HSS-Hollow Structural Section: HSS	HSS18X6X.375	1	1.28 CF	12.16666	58.1	706.882946	\$0.49	\$346.37
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.06 CF	3.33333	12	39.99996	\$0.49	\$19.60
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.13 CF	6.083333	12	72.999996	\$0.49	\$35.77
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.19 CF	8.25	12	99	\$0.49	\$48.51
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.20 CF	9	12	108	\$0.49	\$52.92
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.21 CF	9.18	12	110.16	\$0.49	\$53.98
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.5	12	114	\$0.49	\$55.86
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.22 CF	9.6	12	115.2	\$0.49	\$56.45
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.21 CF	9.6	12	115.2	\$0.49	\$56.45
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.21 CF	9.6	12	115.2	\$0.49	\$56.45
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.23 CF	10	12	120	\$0.49	\$58.80
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.24 CF	10.125	12	121.5	\$0.49	\$59.54
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.23 CF	10.125	12	121.5	\$0.49	\$59.54
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.34 CF	14.75	12	177	\$0.49	\$86.73
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X12	W10X12	1	0.34 CF	14.75	12	177	\$0.49	\$86.73
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X22	W10X22	1	0.51 CF	12.16666	22	267.66652	\$0.49	\$131.16
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X22	W10X22	1	0.61 CF	14.25	22	313.5	\$0.49	\$153.62
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X26	W10X26	1	0.41 CF	8.25	26	214.5	\$0.49	\$105.11
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X26	W10X26	1	0.45 CF	9	26	234	\$0.49	\$114.66
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X26	W10X26	1	0.44 CF	9	26	234	\$0.49	\$114.66
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X26	W10X26	1	0.45 CF	9	26	234	\$0.49	\$114.66
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X26	W10X26	1	0.48 CF	9.5	26	247	\$0.49	\$121.03
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W10X26	W10X26	1	0.48 CF	9.6	26	249.6	\$0.49	\$122.30
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.26 CF	9.6	14	134.4	\$0.49	\$65.86
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.30 CF	11.6666666	14	163.3333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.6666666	14	163.3333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.6666666	14	163.3333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.6666666	14	163.3333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.6666666	14	163.3333324	\$0.49	\$80.03
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.75	14	164.5	\$0.49	\$80.61
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.31 CF	11.75	14	164.5	\$0.49	\$80.61
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.35 CF	12.9166666	14	180.8333324	\$0.49	\$88.61
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.35 CF	12.9166666	14	180.8333324	\$0.49	\$88.61
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.36 CF	14	14	196	\$0.49	\$96.04

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.38 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.38 CF	14	14	196	\$0.49	\$96.04
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.48 CF	17.583333	14	246.166662	\$0.49	\$120.62
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.48 CF	17.583333	14	246.166662	\$0.49	\$120.62
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.48 CF	17.583333	14	246.166662	\$0.49	\$120.62
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X14	W12X14	1	0.48 CF	17.583333	14	246.166662	\$0.49	\$120.62
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X19	W12X19	1	0.14 CF	4.4	19	83.6	\$0.49	\$40.96
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X19	W12X19	1	0.25 CF	7.25	19	137.75	\$0.49	\$67.50
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X19	W12X19	1	0.26 CF	7.25	19	137.75	\$0.49	\$67.50
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X19	W12X19	1	0.27 CF	7.5	19	142.5	\$0.49	\$69.83
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X19	W12X19	1	0.35 CF	9.66666	19	183.66654	\$0.49	\$90.00
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W12X19	W12X19	1	0.35 CF	9.66666	19	183.66654	\$0.49	\$90.00
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.08 CF	1.1666666	22	25.6666652	\$0.49	\$12.58
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.24 CF	6.66666	22	146.66652	\$0.49	\$71.87
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.27 CF	6.66666	22	146.66652	\$0.49	\$71.87
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.33 CF	7.66666	22	168.66652	\$0.49	\$82.65
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.49 CF	11.6666666	22	256.6666652	\$0.49	\$125.77
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.49 CF	12.16666	22	267.66652	\$0.49	\$131.16
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.51 CF	12.16666	22	267.66652	\$0.49	\$131.16
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.51 CF	12.33333	22	271.33326	\$0.49	\$132.95
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.53 CF	13.455	22	296.01	\$0.49	\$145.04
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.58 CF	14	22	308	\$0.49	\$150.92
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.61 CF	14.25	22	313.5	\$0.49	\$153.62
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.61 CF	14.25	22	313.5	\$0.49	\$153.62
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.63 CF	14.75	22	324.5	\$0.49	\$159.01
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.63 CF	14.75	22	324.5	\$0.49	\$159.01
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W14X22	W14X22	1	0.78 CF	19	22	418	\$0.49	\$204.82
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16x26	W16x26	1	0.61 CF	12.33333	26	320.66658	\$0.49	\$157.13
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16x26	W16x26	1	1.47 CF	29	26	754	\$0.49	\$369.46
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16x26	W16x26	1	1.47 CF	29	26	754	\$0.49	\$369.46
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16x26	W16x26	1	1.47 CF	29	26	754	\$0.49	\$369.46
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16x26	W16x26	1	1.48 CF	29	26	754	\$0.49	\$369.46
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16x26	W16x26	1	1.48 CF	29	26	754	\$0.49	\$369.46
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16x26	W16x26	1	1.48 CF	29	26	754	\$0.49	\$369.46
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16X31	W16X31	1	1.76 CF	29	31	899	\$0.49	\$440.51
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16X31	W16X31	1	1.76 CF	29	31	899	\$0.49	\$440.51
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16X31	W16X31	1	1.76 CF	29	31	899	\$0.49	\$440.51
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16X31	W16X31	1	1.77 CF	29	31	899	\$0.49	\$440.51
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16X31	W16X31	1	1.77 CF	29	31	899	\$0.49	\$440.51
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16X36	W16X36	1	1.21 CF	17.583333	36	632.999988	\$0.49	\$310.17
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16X36	W16X36	1	1.31 CF	19	36	684	\$0.49	\$335.16
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16X36	W16X36	1	2.02 CF	29	36	1044	\$0.49	\$511.56
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16X36	W16X36	1	2.01 CF	29	36	1044	\$0.49	\$511.56
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W16X36	W16X36	1	2.01 CF	29	36	1044	\$0.49	\$511.56
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W18X35	W18X35	1	1.25 CF	19	35	665	\$0.49	\$325.85
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W18X35	W18X35	1	1.27 CF	19	35	665	\$0.49	\$325.85
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W18X35	W18X35	1	1.67 CF	24.75	35	866.25	\$0.49	\$424.46
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W18X35	W18X35	1	1.69 CF	24.75	35	866.25	\$0.49	\$424.46
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W18X35	W18X35	1	1.96 CF	29	35	1015	\$0.49	\$497.35
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W18X40	W18X40	1	2.23 CF	28.75	40	1150	\$0.49	\$563.50
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W21X44	W21X44	1	2.46 CF	28.75	44	1265	\$0.49	\$619.85
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W21X44	W21X44	1	2.48 CF	28.75	44	1265	\$0.49	\$619.85
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W21X48	W21X48	1	2.30 CF	24.75	48	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W21X50	W21X50	1	2.78 CF	29	50	1450	\$0.49	\$710.50

## Structural Beam Schedule

Analyze As	Assembly Code	Assembly Description	Reference Level	Family and Type	Type	Count	Volume	Length	Weight per ft	Weight (lbs)	Cost per lb	Cost
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24x55	W24x55	1	1.26 CF	12.33333	55	678.33315	\$0.49	\$332.38
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24x55	W24x55	1	1.34 CF	13.33333	55	733.33315	\$0.49	\$359.33
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24x55	W24x55	1	1.42 CF	14	55	770	\$0.49	\$377.30
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24x55	W24x55	1	1.97 CF	19	55	1045	\$0.49	\$512.05
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24x55	W24x55	1	3.13 CF	29	55	1595	\$0.49	\$781.55
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24x55	W24x55	1	3.47 CF	32.33333	55	1778.3315	\$0.49	\$871.38
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X62	W24X62	1	2.23 CF	19	62	1178	\$0.49	\$577.22
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X62	W24X62	1	3.16 CF	26.4	62	1636.8	\$0.49	\$802.03
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X62	W24X62	1	3.51 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X62	W24X62	1	3.51 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X62	W24X62	1	3.48 CF	29	62	1798	\$0.49	\$881.02
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X62	W24X62	1	4.28 CF	35.333	62	2190.646	\$0.49	\$1,073.42
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X68	W24X68	1	1.43 CF	11.66666666	68	793.333288	\$0.49	\$388.73
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X68	W24X68	1	1.58 CF	12.33333	68	838.66644	\$0.49	\$410.95
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X68	W24X68	1	2.50 CF	19	68	1292	\$0.49	\$633.08
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X68	W24X68	1	3.84 CF	29	68	1972	\$0.49	\$966.28
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X68	W24X68	1	3.84 CF	29	68	1972	\$0.49	\$966.28
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X68	W24X68	1	3.82 CF	29	68	1972	\$0.49	\$966.28
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X68	W24X68	1	3.81 CF	29	68	1972	\$0.49	\$966.28
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X68	W24X68	1	3.81 CF	29	68	1972	\$0.49	\$966.28
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X76	W24X76	1	4.27 CF	29	76	2204	\$0.49	\$1,079.96
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W24X76	W24X76	1	4.29 CF	29.5	76	2242	\$0.49	\$1,098.58
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W27X84	W27X84	1	2.33 CF	15	84	1260	\$0.49	\$617.40
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W27X84	W27X84	1	2.33 CF	15	84	1260	\$0.49	\$617.40
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W27X84	W27X84	1	4.41 CF	27	84	2268	\$0.49	\$1,111.32
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W27X84	W27X84	1	4.71 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W27X84	W27X84	1	4.71 CF	29	84	2436	\$0.49	\$1,193.64
Gravity	B10	Superstructure	Steel - Penthouse	W-Wide Flange: W33X130	W33X130	1	5.33 CF	21.33333	130	2773.3329	\$0.49	\$1,358.93

**TOTAL:** 182 2,470 88,381 lbs \$1,104,183.58  
44 tons

Temp:

	Count	Length	Weight lbs	Weight tons
<b>1st Floor:</b>	467	10404	445722	222.861
<b>2nd Floor:</b>	572	11848	526778	263.389
<b>3rd Floor</b>	478	10272	464405	232.2025
<b>4th Floor</b>	412	9346	363492	181.746
<b>Main Roof</b>	392	8930	364658	182.329
<b>Penthouse</b>	182	2470	88381	44.1905

# Structural Column Schedule

Analyze As	Assembly Code	Assembly Description	Family and Type	Type	Count	Length (ft)	Weight Per Linear Foot	Volume	Weight (lbs.)	Cost per lb.	Cost
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	12	109	2.64 CF	1308	\$0.49	\$640.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	12	109	2.64 CF	1308	\$0.49	\$640.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	12	109	2.64 CF	1308	\$0.49	\$640.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	12	109	2.64 CF	1308	\$0.49	\$640.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	12	109	2.64 CF	1308	\$0.49	\$640.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	12	109	2.64 CF	1308	\$0.49	\$640.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	12	109	2.64 CF	1308	\$0.49	\$640.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	12	120	2.93 CF	1440	\$0.49	\$705.60
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	12	120	2.93 CF	1440	\$0.49	\$705.60
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	12	120	2.93 CF	1440	\$0.49	\$705.60
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	12	120	2.93 CF	1440	\$0.49	\$705.60
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	12	120	2.93 CF	1440	\$0.49	\$705.60
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	12	120	2.93 CF	1440	\$0.49	\$705.60
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X132	W14X132	1	12	132	3.21 CF	1584	\$0.49	\$776.16
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X132	W14X132	1	12	132	3.21 CF	1584	\$0.49	\$776.16
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X132	W14X132	1	12	132	3.21 CF	1584	\$0.49	\$776.16
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X132	W14X132	1	12	132	3.21 CF	1584	\$0.49	\$776.16
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X145	W14X145	1	12	145	3.53 CF	1740	\$0.49	\$852.60
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	12	43	1.03 CF	516	\$0.49	\$252.84
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	12	43	1.03 CF	516	\$0.49	\$252.84
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	12	43	1.03 CF	516	\$0.49	\$252.84
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	12	43	1.03 CF	516	\$0.49	\$252.84
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	12	43	1.03 CF	516	\$0.49	\$252.84
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X48	W14X48	1	12	48	1.15 CF	576	\$0.49	\$282.24
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X53	W14X53	1	12	53	1.28 CF	636	\$0.49	\$311.64
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X53	W14X53	1	12	53	1.28 CF	636	\$0.49	\$311.64
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X53	W14X53	1	12	53	1.28 CF	636	\$0.49	\$311.64
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X53	W14X53	1	12	53	1.28 CF	636	\$0.49	\$311.64
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X53	W14X53	1	12	53	1.28 CF	636	\$0.49	\$311.64
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X53	W14X53	1	12	53	1.28 CF	636	\$0.49	\$311.64
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X53	W14X53	1	12	53	1.28 CF	636	\$0.49	\$311.64
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	12	61	1.47 CF	732	\$0.49	\$358.68
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	12	61	1.47 CF	732	\$0.49	\$358.68
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	12	61	1.47 CF	732	\$0.49	\$358.68
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	12	61	1.47 CF	732	\$0.49	\$358.68
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	12	90	2.18 CF	1080	\$0.49	\$529.20
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	12	90	2.18 CF	1080	\$0.49	\$529.20
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	12	90	2.18 CF	1080	\$0.49	\$529.20
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	12	90	2.18 CF	1080	\$0.49	\$529.20
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12

# Structural Column Schedule

Analyze As	Assembly Code	Assembly Description	Family and Type	Type	Count	Length (ft)	Weight Per Linear Foot	Volume	Weight (lbs.)	Cost per lb.	Cost
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	12	99	2.41 CF	1188	\$0.49	\$582.12
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	13.54166667	61	1.66 CF	826.0416669	\$0.49	\$404.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W8X24	W8X24	1	13.54166667	24	0.65 CF	325.0000001	\$0.49	\$159.25
Gravity	B10	Superstructure	W-Wide Flange-Column: W8X24	W8X24	1	13.54166667	24	0.65 CF	325.0000001	\$0.49	\$159.25
Gravity	B10	Superstructure	W-Wide Flange-Column: W8X24	W8X24	1	13.54166667	24	0.65 CF	325.0000001	\$0.49	\$159.25
Gravity	B10	Superstructure	W-Wide Flange-Column: W8X24	W8X24	1	13.54166667	24	0.65 CF	325.0000001	\$0.49	\$159.25
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	14	193	5.49 CF	2702	\$0.49	\$1,323.98
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	14	43	1.20 CF	602	\$0.49	\$294.98
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	14	43	1.20 CF	602	\$0.49	\$294.98
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	14	43	1.20 CF	602	\$0.49	\$294.98
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	14	43	1.20 CF	602	\$0.49	\$294.98
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	14	43	1.20 CF	602	\$0.49	\$294.98
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	14	90	2.54 CF	1260	\$0.49	\$617.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	14	90	2.54 CF	1260	\$0.49	\$617.40
Gravity	B10	Superstructure	HSS-Hollow Structural Section-Column: HSS5	HSS5X5X3/8	1	15.166666		0.68 CF	0	\$0.49	\$0.00
Gravity	B10	Superstructure	HSS-Hollow Structural Section-Column: HSS5	HSS5X5X3/8	1	15.166666		0.68 CF	0	\$0.49	\$0.00
Gravity	B10	Superstructure	W-Wide Flange-Column: W8X35	W8X35	1	15.166666	35	1.07 CF	530.83331	\$0.49	\$260.11
Gravity	B10	Superstructure	W-Wide Flange-Column: W8X35	W8X35	1	15.166666	35	1.07 CF	530.83331	\$0.49	\$260.11
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	16.4375	90	2.99 CF	1479.375	\$0.49	\$724.89
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	17.4375	61	2.13 CF	1063.6875	\$0.49	\$521.21
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X211	W14X211	1	18.4375	211	7.89 CF	3890.3125	\$0.49	\$1,906.25
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	18.4375	43	1.58 CF	792.8125	\$0.49	\$388.48
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	18.4375	61	2.26 CF	1124.6875	\$0.49	\$551.10
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	18.4375	61	2.26 CF	1124.6875	\$0.49	\$551.10
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	18.4375	61	2.26 CF	1124.6875	\$0.49	\$551.10
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	18.4375	61	2.26 CF	1124.6875	\$0.49	\$551.10
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	18.4375	61	2.26 CF	1124.6875	\$0.49	\$551.10
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	18.4375	61	2.26 CF	1124.6875	\$0.49	\$551.10
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X68	W14X68	1	18.4375	68	2.51 CF	1253.75	\$0.49	\$614.34
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X82	W14X82	1	18.4375	82	3.04 CF	1511.875	\$0.49	\$740.82
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X82	W14X82	1	18.4375	82	3.04 CF	1511.875	\$0.49	\$740.82
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	18.4375	90	3.35 CF	1659.375	\$0.49	\$813.09
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	18.4375	90	3.35 CF	1659.375	\$0.49	\$813.09
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	18.4375	90	3.35 CF	1659.375	\$0.49	\$813.09
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	18.4375	90	3.35 CF	1659.375	\$0.49	\$813.09
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	18.625	90	3.38 CF	1676.25	\$0.49	\$821.36
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	21.5	193	8.44 CF	4149.5	\$0.49	\$2,033.26
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	21.5	193	8.44 CF	4149.5	\$0.49	\$2,033.26
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	21.5	193	8.44 CF	4149.5	\$0.49	\$2,033.26





# Structural Column Schedule

Analyze As	Assembly Code	Assembly Description	Family and Type	Type	Count	Length (ft)	Weight Per Linear Foot	Volume	Weight (lbs.)	Cost per lb.	Cost
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	27.5416666	61	3.37 CF	1680.041663	\$0.49	\$823.22
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	27.5416666	61	3.37 CF	1680.041663	\$0.49	\$823.22
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X74	W14X74	1	27.5416666	74	4.12 CF	2038.083328	\$0.49	\$998.66
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	27.5416666	99	5.53 CF	2726.624993	\$0.49	\$1,336.05
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	27.5416666	99	5.53 CF	2726.624993	\$0.49	\$1,336.05
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	28	120	6.83 CF	3360	\$0.49	\$1,646.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X176	W14X176	1	28	176	10.02 CF	4928	\$0.49	\$2,414.72
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X176	W14X176	1	28	176	10.02 CF	4928	\$0.49	\$2,414.72
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	28	193	10.99 CF	5404	\$0.49	\$2,647.96
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	28	193	10.99 CF	5404	\$0.49	\$2,647.96
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	28	193	10.99 CF	5404	\$0.49	\$2,647.96
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	28	193	10.99 CF	5404	\$0.49	\$2,647.96
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	28	193	10.99 CF	5404	\$0.49	\$2,647.96
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	28	193	10.99 CF	5404	\$0.49	\$2,647.96
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X211	W14X211	1	28	211	11.98 CF	5908	\$0.49	\$2,894.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X211	W14X211	1	28	211	11.98 CF	5908	\$0.49	\$2,894.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X211	W14X211	1	28	211	11.98 CF	5908	\$0.49	\$2,894.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X233	W14X233	1	28	233	13.24 CF	6524	\$0.49	\$3,196.76
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04

# Structural Column Schedule

Analyze As	Assembly Code	Assembly Description	Family and Type	Type	Count	Length (ft)	Weight Per Linear Foot	Volume	Weight (lbs.)	Cost per lb.	Cost
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	28	257	14.66 CF	7196	\$0.49	\$3,526.04
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	28	43	2.40 CF	1204	\$0.49	\$589.96
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X48	W14X48	1	28	48	2.69 CF	1344	\$0.49	\$658.56
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	28	61	3.43 CF	1708	\$0.49	\$836.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	28	61	3.43 CF	1708	\$0.49	\$836.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	28	61	3.43 CF	1708	\$0.49	\$836.92
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X68	W14X68	1	28	68	3.81 CF	1904	\$0.49	\$932.96
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X68	W14X68	1	28	68	3.81 CF	1904	\$0.49	\$932.96
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X68	W14X68	1	28	68	3.81 CF	1904	\$0.49	\$932.96
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X74	W14X74	1	28	74	4.19 CF	2072	\$0.49	\$1,015.28
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X74	W14X74	1	28	74	4.19 CF	2072	\$0.49	\$1,015.28
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X74	W14X74	1	28	74	4.19 CF	2072	\$0.49	\$1,015.28
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X74	W14X74	1	28	74	4.19 CF	2072	\$0.49	\$1,015.28
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X74	W14X74	1	28	74	4.19 CF	2072	\$0.49	\$1,015.28
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	28	90	5.09 CF	2520	\$0.49	\$1,234.80
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	28	90	5.09 CF	2520	\$0.49	\$1,234.80
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	28	99	5.63 CF	2772	\$0.49	\$1,358.28
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X145	W14X145	1	28.1875	145	8.29 CF	4087.1875	\$0.49	\$2,002.72
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X145	W14X145	1	28.1875	145	8.29 CF	4087.1875	\$0.49	\$2,002.72
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	32.16666	109	7.08 CF	3506.16594	\$0.49	\$1,718.02
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	32.16666	109	7.08 CF	3506.16594	\$0.49	\$1,718.02
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	32.16666	109	7.08 CF	3506.16594	\$0.49	\$1,718.02
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	32.16666	120	7.84 CF	3859.9992	\$0.49	\$1,891.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	32.16666	120	7.84 CF	3859.9992	\$0.49	\$1,891.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	32.16666	120	7.84 CF	3859.9992	\$0.49	\$1,891.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	32.16666	120	7.84 CF	3859.9992	\$0.49	\$1,891.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	32.16666	120	7.84 CF	3859.9992	\$0.49	\$1,891.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X132	W14X132	1	32.16666	132	8.59 CF	4245.99912	\$0.49	\$2,080.54
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X145	W14X145	1	32.16666	145	9.46 CF	4664.1657	\$0.49	\$2,285.44
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X145	W14X145	1	32.16666	145	9.46 CF	4664.1657	\$0.49	\$2,285.44
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X145	W14X145	1	32.16666	145	9.46 CF	4664.1657	\$0.49	\$2,285.44
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X145	W14X145	1	32.16666	145	9.46 CF	4664.1657	\$0.49	\$2,285.44
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X145	W14X145	1	32.16666	145	9.46 CF	4664.1657	\$0.49	\$2,285.44
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X176	W14X176	1	32.16666	176	11.51 CF	5661.33216	\$0.49	\$2,774.05
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	32.16666	193	12.62 CF	6208.16538	\$0.49	\$3,042.00
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	32.16666	193	12.62 CF	6208.16538	\$0.49	\$3,042.00
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	32.16666	193	12.62 CF	6208.16538	\$0.49	\$3,042.00



# Structural Column Schedule

Analyze As	Assembly Code	Assembly Description	Family and Type	Type	Count	Length (ft)	Weight Per Linear Foot	Volume	Weight (lbs.)	Cost per lb.	Cost
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	32.16666	90	5.85 CF	2894.9994	\$0.49	\$1,418.55
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	32.16666	90	5.85 CF	2894.9994	\$0.49	\$1,418.55
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	32.16666	90	5.85 CF	2894.9994	\$0.49	\$1,418.55
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	32.16666	90	5.85 CF	2894.9994	\$0.49	\$1,418.55
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	32.16666	90	5.85 CF	2894.9994	\$0.49	\$1,418.55
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	32.16666	99	6.46 CF	3184.49934	\$0.49	\$1,560.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	32.16666	99	6.46 CF	3184.49934	\$0.49	\$1,560.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	32.16666	99	6.46 CF	3184.49934	\$0.49	\$1,560.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	32.16666	99	6.46 CF	3184.49934	\$0.49	\$1,560.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X99	W14X99	1	32.16666	99	6.46 CF	3184.49934	\$0.49	\$1,560.40
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X74	W14X74	1	32.44	74	4.85 CF	2400.375	\$0.49	\$1,176.18
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X74	W14X74	1	32.44	74	4.85 CF	2400.375	\$0.49	\$1,176.18
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X43	W14X43	1	32.625	43	2.80 CF	1402.875	\$0.49	\$687.41
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X53	W14X53	1	32.625	53	3.47 CF	1729.125	\$0.49	\$847.27
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X68	W14X68	1	32.625	68	4.44 CF	2218.5	\$0.49	\$1,087.07
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X82	W14X82	1	32.625	82	5.38 CF	2675.25	\$0.49	\$1,310.87
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	33.33333	193	13.08 CF	6433.33269	\$0.49	\$3,152.33
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	33.33333	193	13.08 CF	6433.3269	\$0.49	\$3,152.33
Gravity	B10	Superstructure	W-Wide Flange-Column: W12X106	W12X106	1	33.7708333	106	7.22 CF	3579.70833	\$0.49	\$1,754.06
Gravity	B10	Superstructure	W-Wide Flange-Column: W12X106	W12X106	1	33.7708333	106	7.22 CF	3579.70833	\$0.49	\$1,754.06
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X82	W14X82	1	33.7708333	82	5.56 CF	2769.208331	\$0.49	\$1,356.91
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X82	W14X82	1	33.7708333	82	5.56 CF	2769.208331	\$0.49	\$1,356.91
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	34.27083333	90	6.23 CF	3084.375	\$0.49	\$1,511.34
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	34.27083333	90	6.23 CF	3084.375	\$0.49	\$1,511.34
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	34.4375	90	6.26 CF	3099.375	\$0.49	\$1,518.69
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	34.4375	90	6.26 CF	3099.375	\$0.49	\$1,518.69
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	35.16666	90	6.39 CF	3164.9994	\$0.49	\$1,550.85
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	35.5	193	13.93 CF	6851.5	\$0.49	\$3,357.24
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	35.5	193	13.93 CF	6851.5	\$0.49	\$3,357.24
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	42.72916666	61	5.23 CF	2606.479166	\$0.49	\$1,277.17
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	44.8958333	90	8.16 CF	4040.624997	\$0.49	\$1,979.91
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X48	W14X48	1	44.72916666	48	4.29 CF	2147	\$0.49	\$1,052.03
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	9.5625	109	2.10 CF	1042.3125	\$0.49	\$510.73
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	9.5625	109	2.10 CF	1042.3125	\$0.49	\$510.73
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	9.5625	109	2.10 CF	1042.3125	\$0.49	\$510.73
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	9.5625	109	2.10 CF	1042.3125	\$0.49	\$510.73
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	9.5625	109	2.10 CF	1042.3125	\$0.49	\$510.73
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	9.5625	109	2.10 CF	1042.3125	\$0.49	\$510.73
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X109	W14X109	1	9.5625	109	2.10 CF	1042.3125	\$0.49	\$510.73
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	9.5625	120	2.33 CF	1147.5	\$0.49	\$562.28
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	9.5625	120	2.33 CF	1147.5	\$0.49	\$562.28
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X120	W14X120	1	9.5625	120	2.33 CF	1147.5	\$0.49	\$562.28
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X145	W14X145	1	9.5625	145	2.81 CF	1386.5625	\$0.49	\$679.42
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X145	W14X145	1	9.5625	145	2.81 CF	1386.5625	\$0.49	\$679.42
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X145	W14X145	1	9.5625	145	2.81 CF	1386.5625	\$0.49	\$679.42

## Structural Column Schedule

Analyze As	Assembly Code	Assembly Description	Family and Type	Type	Count	Length (ft)	Weight Per Linear Foot	Volume	Weight (lbs.)	Cost per lb.	Cost
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X193	W14X193	1	9.5625	193	3.75 CF	1845.5625	\$0.49	\$904.33
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X257	W14X257	1	9.5625	257	5.01 CF	2457.5625	\$0.49	\$1,204.21
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X61	W14X61	1	9.5625	61	1.17 CF	583.3125	\$0.49	\$285.82
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X68	W14X68	1	9.5625	68	1.30 CF	650.25	\$0.49	\$318.62
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X74	W14X74	1	9.5625	74	1.43 CF	707.625	\$0.49	\$346.74
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X82	W14X82	1	9.5625	82	1.58 CF	784.125	\$0.49	\$384.22
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X82	W14X82	1	9.5625	82	1.58 CF	784.125	\$0.49	\$384.22
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X82	W14X82	1	9.5625	82	1.58 CF	784.125	\$0.49	\$384.22
Gravity	B10	Superstructure	W-Wide Flange-Column: W14X90	W14X90	1	9.5625	90	1.74 CF	860.625	\$0.49	\$421.71

**TOTAL:**

324

7,728.71

1,116,088 lbs  
558 tons

\$546,883.30