

513	10201	63080	LB	STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN
		490.00	pcf	unit weight of steel
Int. stiffener	12.00	in	Full Height width	
	3.22	in	chamfered width	
	46.00	in	Full height	
	5.17	sq. in.	Chamfer area	
	1.25	sq. in.	Notch Area	
	545.58	sq. in.	area plate	
	0.75	in	thickness	
	2.00	ea	stiffeners/crossframe	
	232.06	lb	weight of stiffeners	
Tab Plate	8.88	in	width	
	9.00	in	height	
	0.75	in	thickness	
	2.00	ea	stiffeners/crossframe	
	16.09	lb	weight of tab plates	
int. fill plate	6.00	in	width	
	2.08	in	length	
	0.75	in	thickness	
	1.00	ea	fill plate/crossframe	
	2.66	lb	weight of fill plate	
bot frame	23.59	plf	weight, L5x5x3/4	
	10.00	ft	approx. avg. length	
	235.87	lb	weight	
xframes	16.30	plf	weight, L5x5x1/2	
	10.00	ft	approx. avg. horiz length	
	3.67	ft	vertical height	
	10.65	ft	angle length	
	2.00	ea	angles/crossframe	
	347.22	lb	weight	
bolts	3.00	lb	bolt assembly weight	
	6.00	ea	bolts/frame	
	18.00	ea	bolt weight/xframe	
	851.90	lb	weight/frame	
	59.00	ea	xframe locations	
	50262	lb	weight	
pier bot frame	28.69	plf	weight, L6x6x3/4	
	17.67	ft	approx. avg. length	
	506.90	lb	weight	
Pier. stiffener	18.88	in	Full Height width	
	3.00	in	chamfered width	
	46.00	in	Full height	
	4.50	sq. in.	Chamfer area	
	1.25	sq. in.	Notch Area	
	862.73	sq. in.	area plate	
	0.75	in	thickness	
	2.00	ea	stiffeners/crossframe	
	366.96	lb	weight of stiffeners	
pier xframes	28.69	plf	weight, L6x6x3/4	
	17.67	ft	approx. avg. horiz length	
	3.67	ft	vertical height	
	18.04	ft	angle length	
	2.00	ea	angles/crossframe	
	1035.41	lb	weight	
Pier. fill plate	7.00	in	width	
	2.33	in	length	
	0.75	in	thickness	
	1.00	ea	fill plate	
	3.59	lb	weight of fill plate	
bolts	3.00	lb	bolt assembly weight	
	13.00	ea	bolts/frame	
	39.00	ea	bolt weight/xframe	
	1601.74	lb	weight/frame	
	8.00	ea	xframe locations	
	12814	lb	weight	
	63076	lb	total weight	
	63080.00	lb	total	