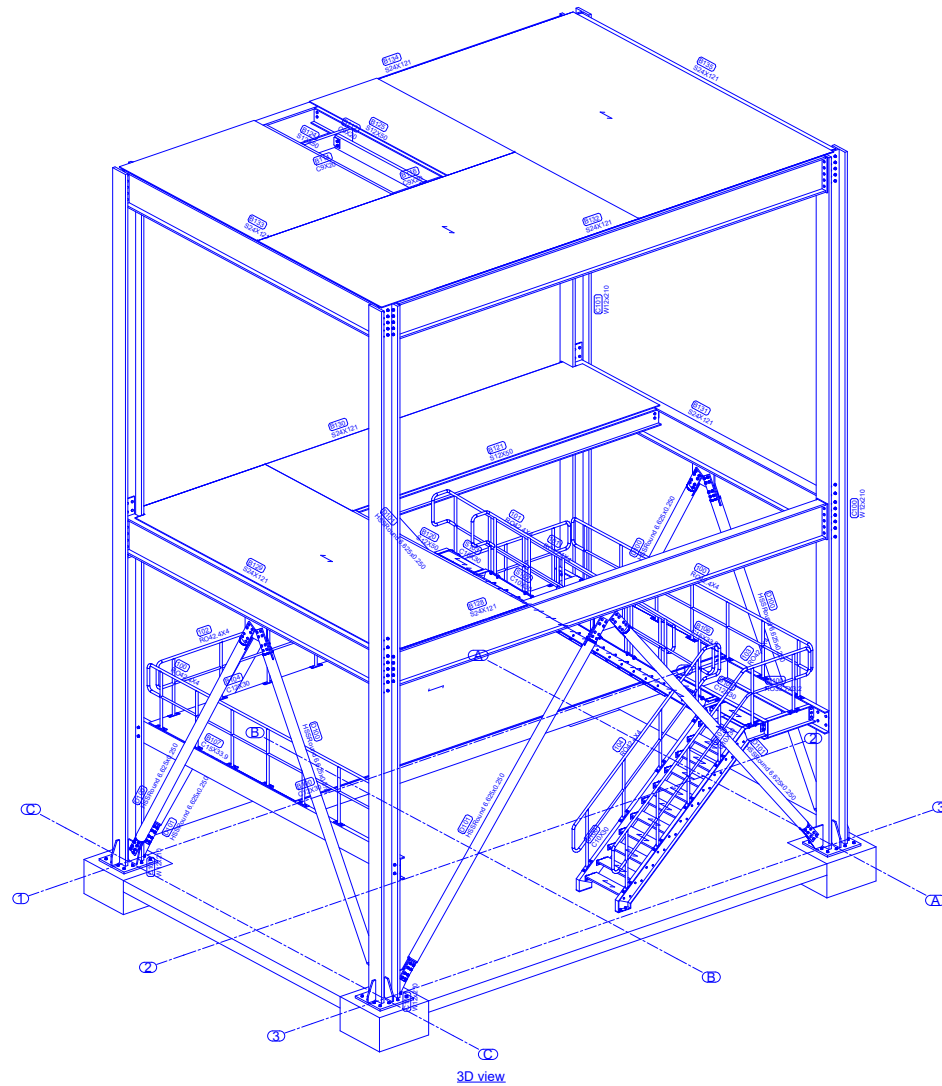


deepakmaini.com

ABC Engineering

Client:	AS Training	Job No:	ET1001
Project:	Elevation Tower Total Weight = 109,196.46 Pounds		
Drawings:	Click here to View Fabrication Drawings	Date:	27-Jan-20



Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
2	100	RO42.4X4	20' 3/8"					
2	100	RO42.4X4	24' 5 13/16"	A992	62.32	124.65	10.70 ²	21.40 ²
14	b1000	RO42.4X4	3' 3 1/8"	A992	8.30	116.20	1.43 ²	19.95 ²
12	m1001	RO33.7X3.2	2' 10 9/16"	A992	4.65	55.85	1.00 ²	12.00 ²
14	p1000	PL 3/8"x2 3/8"x7 7/8"	7 7/8"	A36	2.11	29.54	0.32 ²	4.41 ²
28		A325 1/2 x 2	2"	10.9	0.22	6.14		
28		A563 Nut M 1/2		10.9	0.07	1.83		
28		Washer F436 - 1/2		10.9	0.02	0.56		
<u>TOTAL</u>						334.77		57.76 ²
2	101	RO42.4X4	21' 4 7/8"					
2	101	RO42.4X4	25' 11 7/16"	A992	66.06	132.13	11.34 ²	22.68 ²
14	m1000	RO42.4X4	3' 4"	A992	8.49	118.86	1.46 ²	20.41 ²
12	m1002	RO33.7X3.2	2' 10 3/16"	A992	4.61	55.27	0.99 ²	11.87 ²
14	p1001	PL 3/8"x2 3/8"x8 1/2"	8 1/2"	A36	2.28	31.89	0.34 ²	4.75 ²
28		A325 1/2 x 1 3/4	1 3/4"	10.9	0.21	5.75		
28		A563 Nut M 1/2		10.9	0.07	1.83		
28		Washer F436 - 1/2		10.9	0.02	0.56		
<u>TOTAL</u>						346.28		59.71 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft ²)	(ft ²)
1	102	RO42.4X4	27' 7 7/16"					
1	102	RO42.4X4	32' 7/8"	A992	81.64	81.64	14.02 ²	14.02 ²
9	b1000	RO42.4X4	3' 3 1/8"	A992	8.30	74.70	1.43 ²	12.83 ²
8	m1003	RO33.7X3.2	3' 1 1/16"	A992	4.99	39.94	1.07 ²	8.58 ²
9	p1000	PL 3/8"x2 3/8"x7 7/8"	7 7/8"	A36	2.11	18.99	0.32 ²	2.84 ²
18		A325 1/2 x 1 3/4	1 3/4"	10.9	0.21	3.69		
18		A563 Nut M 1/2		10.9	0.07	1.18		
18		Washer F436 - 1/2		10.9	0.02	0.36		
<u>TOTAL</u>						220.50		38.26 ²
1	103	RO42.4X4	16' 2 9/16"					
1	103	RO42.4X4	20' 8 3/16"	A992	52.65	52.65	9.04 ²	9.04 ²
4	m1004	RO42.4X4	3' 4 1/16"	A992	8.50	34.01	1.46 ²	5.84 ²
1	b1000	RO42.4X4	3' 3 1/8"	A992	8.30	8.30	1.43 ²	1.43 ²
1	b1001	RO42.4X4	3' 2 15/16"	A992	8.26	8.26	1.42 ²	1.42 ²
3	m1006	RO33.7X3.2	2' 8"	A992	4.31	12.94	0.93 ²	2.78 ²
1	m1007	RO33.7X3.2	2' 4 1/4"	A992	3.80	3.80	0.82 ²	0.82 ²
1	m1008	RO33.7X3.2	1' 9 5/16"	A992	2.87	2.87	0.62 ²	0.62 ²
4	p1001	PL 3/8"x2 3/8"x8 1/2"	8 1/2"	A36	2.28	9.11	0.34 ²	1.36 ²
2	p1000	PL 3/8"x2 3/8"x7 7/8"	7 7/8"	A36	2.11	4.22	0.32 ²	0.63 ²
1	m1009	RO33.7X3.2	10 3/8"	A992	1.39	1.39	0.30 ²	0.30 ²
2		A325 1/2 x 2	2"	10.9	0.22	0.44		
10		A325 1/2 x 1 3/4	1 3/4"	10.9	0.21	2.05		
1	m1011	RO33.7X3.2	3/4"	A992	0.10	0.10	0.02 ²	0.02 ²
12		A563 Nut M 1/2		10.9	0.07	0.79		
12		Washer F436 - 1/2		10.9	0.02	0.24		
<u>TOTAL</u>						141.17		24.24 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	104	RO42.4X4	13' 8 3/16"					
1	104	RO42.4X4	18' 1 13/16"	A992	46.20	46.20	7.93 ²	7.93 ²
4	m1004	RO42.4X4	3' 4 1/16"	A992	8.50	34.01	1.46 ²	5.84 ²
3	m1005	RO33.7X3.2	3' 2 1/8"	A992	5.14	15.41	1.10 ²	3.31 ²
4	p1001	PL 3/8"x2 3/8"x8 1/2"	8 1/2"	A36	2.28	9.11	0.34 ²	1.36 ²
8		A325 1/2 x 1 3/4	1 3/4"	10.9	0.21	1.64		
8		A563 Nut M 1/2		10.9	0.07	0.52		
8		Washer F436 - 1/2		10.9	0.02	0.16		
<u>TOTAL</u>						107.06		18.44 ²
1	105	Checker Plate 1/2" - 10'-3	10' 3 15/16"					
1	105	Checker Plate 1/2" - 10'-3 15/16"x17' 2 1/8"	10' 3 15/16"	A-1011	3,696.16	3,696.16	357.00 ²	357.00 ²
<u>TOTAL</u>						3,696.16		357.00 ²
1	106	Checker Plate 1/2" - 21'-10"x9' 4"	21' 10"					
1	106	Checker Plate 1/2" - 21'-10"x9' 4"	21' 10"	A-1011	4,235.06	4,235.06	408.99 ²	408.99 ²
<u>TOTAL</u>						4,235.06		408.99 ²
1	107	Checker Plate 1/2" - 21'-8 5/16"x13'	21' 8 5/16"					
1	107	Checker Plate 1/2" - 21'-8 5/16"x13'	21' 8 5/16"	A-1011	5,876.47	5,876.47	566.85 ²	566.85 ²
<u>TOTAL</u>						5,876.47		566.85 ²
1	108	Checker Plate 1/2" - 28'-6"x12' 2"	28' 6"					
1	108	Checker Plate 1/2" - 28'-6"x12' 2"	28' 6"	A-1011	7,225.64	7,225.64	696.83 ²	696.83 ²
<u>TOTAL</u>						7,225.64		696.83 ²
2	B100	C12X30	28' 5 1/4"					
2	B100	C12X30	28' 5 1/4"	A36	853.17	1,706.34	84.51 ²	169.02 ²
<u>TOTAL</u>						1,706.34		169.02 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	B101	C9X20	8' 1 13/16"					
1	B101	C9X20	8' 1 13/16"	A36	163.02	163.02	18.82 ²	18.82 ²
2		A325 3/4 x 2	2"	10.9	0.58	1.17		
2		A563 Nut M 3/4		10.9	0.19	0.39		
2		Washer F436 - 3/4		10.9	0.04	0.09		
<u>TOTAL</u>						164.67		18.82 ²
1	B101	C9X20	0"					
1	B101	C9X20	8' 1 13/16"	A36	163.02	163.02	18.82 ²	18.82 ²
<u>TOTAL</u>						163.02		18.82 ²
1	B102	C9X20	4' 3 13/16"					
1	B102	C9X20	4' 3 13/16"	A36	86.35	86.35	9.97 ²	9.97 ²
2		A325 3/4 x 2	2"	10.9	0.58	1.17		
2		A563 Nut M 3/4		10.9	0.19	0.39		
2		Washer F436 - 3/4		10.9	0.04	0.09		
<u>TOTAL</u>						88.00		9.97 ²
1	B102	C9X20	0"					
1	B102	C9X20	4' 3 13/16"	A36	86.35	86.35	9.97 ²	9.97 ²
<u>TOTAL</u>						86.35		9.97 ²
2	B103	S12X50	9' 1 3/4"					
2	B103	S12X50	9' 1 3/4"	A992	457.32	914.64	33.95 ²	67.91 ²
8		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	4.94		
8		A563 Nut M 3/4		10.9	0.19	1.54		
8		Washer F436 - 3/4		10.9	0.04	0.36		
<u>TOTAL</u>						921.48		67.91 ²
1	B104	C12X30	28' 5 1/4"					
1	B104	C12X30	28' 5 1/4"	A36	853.17	853.17	84.51 ²	84.51 ²
<u>TOTAL</u>						853.17		84.51 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	B105	C12X30	7' 3 11/16"					
1	B105	C12X30	7' 3 11/16"	A36	219.27	219.27	21.72 ²	21.72 ²
1	B1012	C12X30	3' 1 13/16"	A36	94.56	94.56	9.37 ²	9.37 ²
1	B1013	C12X30	2' 11 5/16"	A36	88.31	88.31	8.75 ²	8.75 ²
2	p1021	PL 3/8"x3 1/2"x6 1/16"	6 1/16"	A36	2.36	4.72	0.34 ²	0.69 ²
2	p1020	PL 3/8"x3 1/2"x6 1/16"	6 1/16"	A36	2.36	4.72	0.34 ²	0.69 ²
<u>TOTAL</u>						411.59		41.21 ²
1	B106	C15X33.9	22' 4 11/16"					
1	B106	C15X33.9	22' 4 11/16"	A36	759.12	759.12	79.87 ²	79.87 ²
3	p1012	PL 3/8"x5 1/2"x7"	7"	A36	4.07	12.20	0.59 ²	1.78 ²
1	p1031	PL 3/8"x3 1/2"x9"	9"	A36	3.32	3.32	0.50 ²	0.50 ²
8		A325 3/4 x 3 1/2	3 1/2"	10.9	0.77	6.17		
9		A325 3/4 x 2	2"	10.9	0.58	5.26		
17		A563 Nut M 3/4		10.9	0.19	3.28		
17		Washer F436 - 3/4		10.9	0.04	0.76		
<u>TOTAL</u>						790.13		82.15 ²
1	B107	C15X33.9	22' 4 11/16"					
1	B107	C15X33.9	22' 4 11/16"	A36	759.12	759.12	79.87 ²	79.87 ²
3	p1012	PL 3/8"x5 1/2"x7"	7"	A36	4.07	12.20	0.59 ²	1.78 ²
8		A325 3/4 x 3 1/2	3 1/2"	10.9	0.77	6.17		
6		A325 3/4 x 2	2"	10.9	0.58	3.51		
14		A563 Nut M 3/4		10.9	0.19	2.70		
14		Washer F436 - 3/4		10.9	0.04	0.63		
<u>TOTAL</u>						784.34		81.65 ²
1	B108	C9X20	9' 1 3/4"					
1	B108	C9X20	9' 1 3/4"	A36	182.93	182.93	21.12 ²	21.12 ²
1	p1025	PL 3/8"x5 1/2"x5 1/2"	5 1/2"	A36	3.16	3.16	0.47 ²	0.47 ²
<u>TOTAL</u>						186.08		21.58 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	B109	C9X20	9' 1 3/4"					
1	B109	C9X20	9' 1 3/4"	A36	182.93	182.93	21.12 ²	21.12 ²
4		A325 3/4 x 2	2"	10.9	0.58	2.34		
4		A563 Nut M 3/4		10.9	0.19	0.77		
4		Washer F436 - 3/4		10.9	0.04	0.18		
<u>TOTAL</u>						186.22		21.12 ²
1	B110	C9X20	4' 2 1/4"					
1	B110	C9X20	4' 2 1/4"	A36	83.72	83.72	9.66 ²	9.66 ²
4		A325 3/4 x 2	2"	10.9	0.58	2.34		
4		A563 Nut M 3/4		10.9	0.19	0.77		
4		Washer F436 - 3/4		10.9	0.04	0.18		
<u>TOTAL</u>						87.01		9.66 ²
1	B111	C9X20	7' 5 15/16"					
1	B111	C9X20	7' 5 15/16"	A36	149.93	149.93	17.31 ²	17.31 ²
<u>TOTAL</u>						149.93		17.31 ²
1	B112	C9X20	7' 5 15/16"					
1	B112	C9X20	7' 5 15/16"	A36	149.93	149.93	17.31 ²	17.31 ²
4		A325 3/4 x 2	2"	10.9	0.58	2.34		
4		A563 Nut M 3/4		10.9	0.19	0.77		
4		Washer F436 - 3/4		10.9	0.04	0.18		
<u>TOTAL</u>						153.22		17.31 ²
1	B113	C9X20	8' 5 3/4"					
1	B113	C9X20	8' 5 3/4"	A36	169.59	169.59	19.58 ²	19.58 ²
1	p1003	PL 3/8"x5 1/2"x6"	6"	A36	3.45	3.45	0.51 ²	0.51 ²
6		A325 3/4 x 2	2"	10.9	0.58	3.51		
6		A563 Nut M 3/4		10.9	0.19	1.16		
6		Washer F436 - 3/4		10.9	0.04	0.27		
<u>TOTAL</u>						177.98		20.08 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	B114	C9X20	3' 4 7/16"					
1	B114	C9X20	3' 4 7/16"	A36	67.39	67.39	7.78 ²	7.78 ²
1	p1008	PL 3/8"x5 1/2"x6"	6"	A36	3.48	3.48	0.51 ²	0.51 ²
<u>TOTAL</u>						70.87		8.29 ²
1	B115	C9X20	8' 5 3/4"					
1	B115	C9X20	8' 5 3/4"	A36	169.59	169.59	19.58 ²	19.58 ²
1	p1003	PL 3/8"x5 1/2"x6"	6"	A36	3.45	3.45	0.51 ²	0.51 ²
6		A325 3/4 x 2	2"	10.9	0.58	3.51		
6		A563 Nut M 3/4		10.9	0.19	1.16		
6		Washer F436 - 3/4		10.9	0.04	0.27		
<u>TOTAL</u>						177.98		20.08 ²
1	B116	C9X20	3' 6 1/16"					
1	B116	C9X20	3' 6 1/16"	A36	70.13	70.13	8.10 ²	8.10 ²
1	p1008	PL 3/8"x5 1/2"x6"	6"	A36	3.48	3.48	0.51 ²	0.51 ²
2		A325 3/4 x 2	2"	10.9	0.58	1.17		
2		A563 Nut M 3/4		10.9	0.19	0.39		
2		Washer F436 - 3/4		10.9	0.04	0.09		
<u>TOTAL</u>						75.26		8.61 ²
1	B117	C9X20	4' 5 3/4"					
1	B117	C9X20	4' 5 3/4"	A36	89.59	89.59	10.34 ²	10.34 ²
<u>TOTAL</u>						89.59		10.34 ²
1	B118	C9X20	3' 6 1/16"					
1	B118	C9X20	3' 6 1/16"	A36	70.13	70.13	8.10 ²	8.10 ²
<u>TOTAL</u>						70.13		8.10 ²
1	B119	C9X20	8' 5 3/4"					
1	B119	C9X20	8' 5 3/4"	A36	169.59	169.59	19.58 ²	19.58 ²
<u>TOTAL</u>						169.59		19.58 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	B120	S12X50	21' 1 5/8"					
1	B120	S12X50	21' 1 5/8"	A992	1,056.69	1,056.69	78.45 ²	78.45 ²
3	p1002	PL 3/8"x5 1/2"x7"	7"	A36	4.03	12.10	0.59 ²	1.77 ²
2	p1003	PL 3/8"x5 1/2"x6"	6"	A36	3.45	6.90	0.51 ²	1.02 ²
1	p1021	PL 3/8"x3 1/2"x6 1/16"	6 1/16"	A36	2.36	2.36	0.34 ²	0.34 ²
1	p1020	PL 3/8"x3 1/2"x6 1/16"	6 1/16"	A36	2.36	2.36	0.34 ²	0.34 ²
4		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	2.47		
2		A325 3/4 x 2	2"	10.9	0.58	1.17		
6		A563 Nut M 3/4		10.9	0.19	1.16		
6		Washer F436 - 3/4		10.9	0.04	0.27		
<u>TOTAL</u>						1,085.48		81.93 ²
1	B121	S12X50	20' 4"					
1	B121	S12X50	20' 4"	A992	1,016.77	1,016.77	75.49 ²	75.49 ²
4		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	2.47		
4		A563 Nut M 3/4		10.9	0.19	0.77		
4		Washer F436 - 3/4		10.9	0.04	0.18		
<u>TOTAL</u>						1,020.19		75.49 ²
1	B122	S12X50	4' 5 3/4"					
1	B122	S12X50	4' 5 3/4"	A992	223.99	223.99	16.63 ²	16.63 ²
4		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	2.47		
4		A563 Nut M 3/4		10.9	0.19	0.77		
4		Washer F436 - 3/4		10.9	0.04	0.18		
<u>TOTAL</u>						227.41		16.63 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	B123	S12X50	8' 1 13/16"					
1	B123	S12X50	8' 1 13/16"	A992	407.55	407.55	30.26 ²	30.26 ²
4		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	2.47		
4		A563 Nut M 3/4		10.9	0.19	0.77		
4		Washer F436 - 3/4		10.9	0.04	0.18		
<u>TOTAL</u>						410.98		30.26 ²
1	B124	S12X50	21' 1 5/8"					
1	B124	S12X50	21' 1 5/8"	A992	1,056.69	1,056.69	78.45 ²	78.45 ²
2	p1008	PL 3/8"x5 1/2"x6"	6"	A36	3.48	6.97	0.51 ²	1.03 ²
4	p1003	PL 3/8"x5 1/2"x6"	6"	A36	3.45	13.80	0.51 ²	2.03 ²
4		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	2.47		
8		A325 3/4 x 2	2"	10.9	0.58	4.67		
12		A563 Nut M 3/4		10.9	0.19	2.32		
12		Washer F436 - 3/4		10.9	0.04	0.54		
<u>TOTAL</u>						1,087.45		81.51 ²
1	B125	S12X50	21' 1 5/8"					
1	B125	S12X50	21' 1 5/8"	A992	1,056.69	1,056.69	78.45 ²	78.45 ²
2	p1008	PL 3/8"x5 1/2"x6"	6"	A36	3.48	6.97	0.51 ²	1.03 ²
2	p1003	PL 3/8"x5 1/2"x6"	6"	A36	3.45	6.90	0.51 ²	1.02 ²
4		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	2.47		
6		A325 3/4 x 2	2"	10.9	0.58	3.51		
10		A563 Nut M 3/4		10.9	0.19	1.93		
10		Washer F436 - 3/4		10.9	0.04	0.45		
<u>TOTAL</u>						1,078.91		80.49 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	B126	S12X50	21' 1 5/8"					
1	B126	S12X50	21' 1 5/8"	A992	1,056.69	1,056.69	78.45 ²	78.45 ²
1	p1002	PL 3/8"x5 1/2"x7"	7"	A36	4.03	4.03	0.59 ²	0.59 ²
1	p1008	PL 3/8"x5 1/2"x6"	6"	A36	3.48	3.48	0.51 ²	0.51 ²
3	p1003	PL 3/8"x5 1/2"x6"	6"	A36	3.45	10.35	0.51 ²	1.52 ²
4		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	2.47		
6		A325 3/4 x 2	2"	10.9	0.58	3.51		
10		A563 Nut M 3/4		10.9	0.19	1.93		
10		Washer F436 - 3/4		10.9	0.04	0.45		
<u>TOTAL</u>						1,082.91		81.08 ²

1	B127	S12X50	21' 1 5/8"					
1	B127	S12X50	21' 1 5/8"	A992	1,056.69	1,056.69	78.45 ²	78.45 ²
2	p1002	PL 3/8"x5 1/2"x7"	7"	A36	4.03	8.07	0.59 ²	1.18 ²
1	p1008	PL 3/8"x5 1/2"x6"	6"	A36	3.48	3.48	0.51 ²	0.51 ²
2	p1003	PL 3/8"x5 1/2"x6"	6"	A36	3.45	6.90	0.51 ²	1.02 ²
4		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	2.47		
4		A325 3/4 x 2	2"	10.9	0.58	2.34		
8		A563 Nut M 3/4		10.9	0.19	1.54		
8		Washer F436 - 3/4		10.9	0.04	0.36		
<u>TOTAL</u>						1,081.85		81.16 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	B128	S24X121	28' 7 9/16"					
1	B128	S24X121	28' 6 1/16"	A992	3,449.18	3,449.18	189.09 ²	189.09 ²
2	p1009	PL 3/4"x10 9/16"x2'-1/2"	2' 1/2"	A36	54.98	109.95	3.96 ²	7.91 ²
1	p1023	PL 3/4"x12 9/16"x1'-10 5/16"	1' 10 5/16"	A36	52.96	52.96	3.79 ²	3.79 ²
1	p1002	PL 3/8"x5 1/2"x7"	7"	A36	4.03	4.03	0.59 ²	0.59 ²
1	p1025	PL 3/8"x5 1/2"x5 1/2"	5 1/2"	A36	3.16	3.16	0.47 ²	0.47 ²
20		A325 3/4 x 4	4"	10.9	0.83	16.67		
20		A563 Nut M 3/4		10.9	0.19	3.86		
20		Washer F436 - 3/4		10.9	0.04	0.90		
<u>TOTAL</u>						3,640.72		201.84 ²
1	B129	S24X121	21' 2 3/4"					
1	B129	S24X121	21' 1 1/4"	A992	2,553.36	2,553.36	139.98 ²	139.98 ²
2	p1017	PL 3/4"x8"x3'-5"	3' 5"	A36	69.77	139.53	5.07 ²	10.13 ²
1	p1022	PL 3/4"x14 1/4"x1'-9 7/16"	1' 9 7/16"	A36	59.09	59.09	4.20 ²	4.20 ²
2	p1002	PL 3/8"x5 1/2"x7"	7"	A36	4.03	8.07	0.59 ²	1.18 ²
2	p1003	PL 3/8"x5 1/2"x6"	6"	A36	3.45	6.90	0.51 ²	1.02 ²
32		A325 3/4 x 3 1/4	3 1/4"	10.9	0.74	23.70		
2		A325 3/4 x 2	2"	10.9	0.58	1.17		
34		A563 Nut M 3/4		10.9	0.19	6.57		
34		Washer F436 - 3/4		10.9	0.04	1.53		
<u>TOTAL</u>						2,799.91		156.50 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	B130	S24X121	28' 7 9/16"					
1	B130	S24X121	28' 6 1/16"	A992	3,449.18	3,449.18	189.09 ²	189.09 ²
2	p1009	PL 3/4"x10 9/16"x2'-1/2"	2' 1/2"	A36	54.98	109.95	3.96 ²	7.91 ²
1	p1023	PL 3/4"x12 9/16"x1'-10 5/16"	1' 10 5/16"	A36	52.96	52.96	3.79 ²	3.79 ²
1	p1002	PL 3/8"x5 1/2"x7"	7"	A36	4.03	4.03	0.59 ²	0.59 ²
20		A325 3/4 x 4	4"	10.9	0.83	16.67		
20		A563 Nut M 3/4		10.9	0.19	3.86		
20		Washer F436 - 3/4		10.9	0.04	0.90		
<u>TOTAL</u>						3,637.57		201.38 ²
1	B131	S24X121	21' 2 3/4"					
1	B131	S24X121	21' 1 1/4"	A992	2,553.36	2,553.36	139.98 ²	139.98 ²
2	p1017	PL 3/4"x8"x3'-5"	3' 5"	A36	69.77	139.53	5.07 ²	10.13 ²
1	p1022	PL 3/4"x14 1/4"x1'-9 7/16"	1' 9 7/16"	A36	59.09	59.09	4.20 ²	4.20 ²
1	p1002	PL 3/8"x5 1/2"x7"	7"	A36	4.03	4.03	0.59 ²	0.59 ²
32		A325 3/4 x 3 1/4	3 1/4"	10.9	0.74	23.70		
32		A563 Nut M 3/4		10.9	0.19	6.18		
32		Washer F436 - 3/4		10.9	0.04	1.44		
<u>TOTAL</u>						2,787.33		154.90 ²
1	B132	S24X121	28' 7 9/16"					
1	B132	S24X121	28' 6 1/16"	A992	3,449.18	3,449.18	189.09 ²	189.09 ²
2	p1009	PL 3/4"x10 9/16"x2'-1/2"	2' 1/2"	A36	54.98	109.95	3.96 ²	7.91 ²
4	p1002	PL 3/8"x5 1/2"x7"	7"	A36	4.03	16.14	0.59 ²	2.36 ²
20		A325 3/4 x 4	4"	10.9	0.83	16.67		
20		A563 Nut M 3/4		10.9	0.19	3.86		
20		Washer F436 - 3/4		10.9	0.04	0.90		
<u>TOTAL</u>						3,596.70		199.36 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	B133	S24X121	21' 2 3/4"					
1	B133	S24X121	21' 1 1/4"	A992	2,553.36	2,553.36	139.98 ²	139.98 ²
2	p1016	PL 3/4"x8"x2'-1/2"	2' 1/2"	A36	41.69	83.38	3.06 ²	6.12 ²
2	p1008	PL 3/8"x5 1/2"x6"	6"	A36	3.48	6.97	0.51 ²	1.03 ²
1	p1003	PL 3/8"x5 1/2"x6"	6"	A36	3.45	3.45	0.51 ²	0.51 ²
20		A325 3/4 x 3 1/4	3 1/4"	10.9	0.74	14.82		
2		A325 3/4 x 2	2"	10.9	0.58	1.17		
22		A563 Nut M 3/4		10.9	0.19	4.25		
22		Washer F436 - 3/4		10.9	0.04	0.99		
<u>TOTAL</u>						2,668.37		147.63 ²

1	B134	S24X121	28' 7 9/16"					
1	B134	S24X121	28' 6 1/16"	A992	3,449.18	3,449.18	189.09 ²	189.09 ²
2	p1009	PL 3/4"x10 9/16"x2'-1/2"	2' 1/2"	A36	54.98	109.95	3.96 ²	7.91 ²
4	p1002	PL 3/8"x5 1/2"x7"	7"	A36	4.03	16.14	0.59 ²	2.36 ²
20		A325 3/4 x 4	4"	10.9	0.83	16.67		
20		A563 Nut M 3/4		10.9	0.19	3.86		
20		Washer F436 - 3/4		10.9	0.04	0.90		
<u>TOTAL</u>						3,596.70		199.36 ²

1	B135	S24X121	21' 2 3/4"					
1	B135	S24X121	21' 1 1/4"	A992	2,553.36	2,553.36	139.98 ²	139.98 ²
2	p1016	PL 3/4"x8"x2'-1/2"	2' 1/2"	A36	41.69	83.38	3.06 ²	6.12 ²
1	p1002	PL 3/8"x5 1/2"x7"	7"	A36	4.03	4.03	0.59 ²	0.59 ²
1	p1003	PL 3/8"x5 1/2"x6"	6"	A36	3.45	3.45	0.51 ²	0.51 ²
20		A325 3/4 x 3 1/4	3 1/4"	10.9	0.74	14.82		
2		A325 3/4 x 2	2"	10.9	0.58	1.17		
22		A563 Nut M 3/4		10.9	0.19	4.25		
22		Washer F436 - 3/4		10.9	0.04	0.99		
<u>TOTAL</u>						2,665.44		147.20 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
2	C100	W12x210	40'					
2	C100	W12x210	39' 10 3/4"	A992	8,378.13	16,756.25	256.66 ²	513.33 ²
2	p1013	PL 1 1/4"x24 13/16"x2'-2 11/16"	2' 2 11/16"	A36	234.74	469.47	10.09 ²	20.18 ²
2	p1019	PL 1"x8"x1'-4"	1' 4"	A36	29.12	58.25	1.73 ²	3.46 ²
2	p1018	PL 1"x6"x1'-4"	1' 4"	A36	21.47	42.95	1.33 ²	2.66 ²
<u>TOTAL</u>						17,326.91		539.63 ²
1	C101	W12x210	40'					
1	C101	W12x210	39' 10 3/4"	A992	8,378.13	8,378.13	256.66 ²	256.66 ²
1	p1013	PL 1 1/4"x24 13/16"x2'-2 11/16"	2' 2 11/16"	A36	234.74	234.74	10.09 ²	10.09 ²
1	p1019	PL 1"x8"x1'-4"	1' 4"	A36	29.12	29.12	1.73 ²	1.73 ²
1	p1018	PL 1"x6"x1'-4"	1' 4"	A36	21.47	21.47	1.33 ²	1.33 ²
<u>TOTAL</u>						8,663.46		269.82 ²
1	C102	W12x210	40'					
1	C102	W12x210	39' 10 3/4"	A992	8,378.13	8,378.13	256.66 ²	256.66 ²
1	p1013	PL 1 1/4"x24 13/16"x2'-2 11/16"	2' 2 11/16"	A36	234.74	234.74	10.09 ²	10.09 ²
1	p1027	PL 1"x8"x1'-2"	1' 2"	A36	24.59	24.59	1.48 ²	1.48 ²
1	p1026	PL 1"x6"x1'-2"	1' 2"	A36	18.07	18.07	1.14 ²	1.14 ²
<u>TOTAL</u>						8,655.52		269.37 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
4	D100	HSSRound 6.625x0.250	18' 10 11/16"					
4	D100	HSSRound 6.625x0.250	16' 10 11/16"	C250L0	287.78	1,151.12	29.29 ²	117.17 ²
8	p1007	PL 3/4"x7"x1'-4 1/2"	1' 4 1/2"	A36	24.57	196.53	1.85 ²	14.79 ²
4	p1011	PL 3/4"x7"x1'	1'	A36	17.87	71.47	1.36 ²	5.46 ²
4	p1010	PL 3/4"x6"x11 1/2"	11 1/2"	A36	14.68	58.71	1.14 ²	4.56 ²
8	p1004	PL 3/4"x2 15/16"x6 9/16"	6 9/16"	A36	3.12	24.94	0.29 ²	2.30 ²
8	p1005	PL 3/4"x2 3/16"x6 3/16"	6 3/16"	A36	2.11	16.88	0.21 ²	1.70 ²
32		A325 3/4 x 3 1/2	3 1/2"	10.9	0.77	24.69		
32		A563 Nut M 3/4		10.9	0.19	6.18		
32		Washer F436 - 3/4		10.9	0.04	1.44		
<u>TOTAL</u>						1,551.96		145.98 ²
4	D101	HSSRound 6.625x0.250	21' 1/8"					
4	D101	HSSRound 6.625x0.250	19' 1/8"	C250L0	323.90	1,295.61	32.97 ²	131.88 ²
8	p1007	PL 3/4"x7"x1'-4 1/2"	1' 4 1/2"	A36	24.57	196.53	1.85 ²	14.79 ²
4	p1011	PL 3/4"x7"x1'	1'	A36	17.87	71.47	1.36 ²	5.46 ²
4	p1010	PL 3/4"x6"x11 1/2"	11 1/2"	A36	14.68	58.71	1.14 ²	4.56 ²
8	p1004	PL 3/4"x2 15/16"x6 9/16"	6 9/16"	A36	3.12	24.94	0.29 ²	2.30 ²
8	p1005	PL 3/4"x2 3/16"x6 3/16"	6 3/16"	A36	2.11	16.88	0.21 ²	1.70 ²
32		A325 3/4 x 3 1/2	3 1/2"	10.9	0.77	24.69		
32		A563 Nut M 3/4		10.9	0.19	6.18		
32		Washer F436 - 3/4		10.9	0.04	1.44		
<u>TOTAL</u>						1,696.45		160.69 ²
1	M100	RO33.7X3.2	4 3/8"					
1	M100	RO33.7X3.2	4 7/16"	A992	0.53	0.53	0.13 ²	0.13 ²
<u>TOTAL</u>						0.53		0.13 ²
4	p100	PL 3/4"x12 13/16"x1'-2 3/4"	1' 2 3/4"					
4	p100	PL 3/4"x12 13/16"x1'-2 3/4"	1' 2 3/4"	A36	30.11	120.46	2.21 ²	8.84 ²
<u>TOTAL</u>						120.46		8.84 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
4	p101	PL 3/4"x10 5/8"x1'-2 9/16"	1' 2 9/16"					
4	p101	PL 3/4"x10 5/8"x1'-2 9/16"	1' 2 9/16"	A36	27.36	109.45	2.02 ²	8.08 ²
<u>TOTAL</u>						109.45		8.08 ²
1	p102	PL 1/2"x54"x11'-5 15/16"	11' 5 15/16"					
1	p102	PL 1/2"x54"x11'-5 15/16"	11' 5 15/16"	A36	1,056.16	1,056.16	104.78 ²	104.78 ²
<u>TOTAL</u>						1,056.16		104.78 ²
1	p103	PL 1/2"x87 1/16"x20'-6 1/4"	20' 6 1/4"					
1	p103	PL 1/2"x87 1/16"x20'-6 1/4"	20' 6 1/4"	A36	3,034.21	3,034.21	299.49 ²	299.49 ²
<u>TOTAL</u>						3,034.21		299.49 ²
1	p104	PL 1/2"x107 7/8"x11'-5 15/16"	11' 5 15/16"					
1	p104	PL 1/2"x107 7/8"x11'-5 15/16"	11' 5 15/16"	A36	2,109.73	2,109.73	208.35 ²	208.35 ²
<u>TOTAL</u>						2,109.73		208.35 ²
29	P100	Webforge A253A 25x3 - 2'-11	3'	Painted				
29	P100	Webforge A253A 25x3 - 2'-11 3/4"x9"	2' 11 3/4"	6063-T6	3.66	106.21	5.08 ²	147.39 ²
58	1005	PL 1/8"x3 1/4"x9"	9"	A36	0.96	55.47	0.42 ²	24.13 ²
<u>TOTAL</u>						161.68		171.52 ²
8	P101	PL 3/4"x6"x1'-1"	1' 1"					
8	P101	PL 3/4"x6"x1'-1"	1' 1"	A36	16.59	132.72	1.28 ²	10.25 ²
64		A325 3/4 x 3 1/2	3 1/2"	10.9	0.77	49.38		
64		A563 Nut M 3/4		10.9	0.19	12.36		
64		Washer F436 - 3/4		10.9	0.04	2.88		
<u>TOTAL</u>						197.35		10.25 ²
8	P101	PL 3/4"x6"x1'-1"	0"					
8	P101	PL 3/4"x6"x1'-1"	1' 1"	A36	16.59	132.72	1.28 ²	10.25 ²
<u>TOTAL</u>						132.72		10.25 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	P102	Webforge A253A 25x3 - 2'-10"x11	2' 10"	Painted				
1	P102	Webforge A253A 25x3 - 2'-10"x11 1/2"	2' 10"	6063-T6	4.45	4.45	5.55 ²	5.55 ²
<u>TOTAL</u>						4.45		5.55 ²
1	P103	Webforge A253A 25x3 - 2'-10"x8"	2' 10"	Painted				
1	P103	Webforge A253A 25x3 - 2'-10"x8"	2' 10"	6063-T6	3.10	3.10	3.89 ²	3.89 ²
<u>TOTAL</u>						3.10		3.89 ²
1	P104	Webforge A253A 25x3 - 2'-11	2' 11 3/4"	Painted				
1	P104	Webforge A253A 25x3 - 2'-11 3/4"x10 5/16"	2' 11 3/4"	6063-T6	4.20	4.20	5.28 ²	5.28 ²
<u>TOTAL</u>						4.20		5.28 ²
1	S100	C10X30	12' 8 15/16"					
1	S100	C10X30	11' 3 5/16"	A992	338.27	338.27	28.92 ²	28.92 ²
1	s1008	C10X30	1' 5 1/8"	A992	42.75	42.75	3.65 ²	3.65 ²
1	s1014	C10X30	7 1/2"	A992	18.80	18.80	1.61 ²	1.61 ²
1	s1000	L3X3X1/4	11 1/2"	A992	4.70	4.70	0.96 ²	0.96 ²
1	p1024	PL 3/8"x3"x10"	10"	A36	3.38	3.38	0.49 ²	0.49 ²
2		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	1.23		
22		A325 1/2 x 1 3/4	1 3/4"	10.9	0.21	4.52		
2		A563 Nut M 3/4		10.9	0.19	0.39		
22		A563 Nut M 1/2		10.9	0.07	1.44		
2		Washer F436 - 3/4		10.9	0.04	0.09		
22		Washer F436 - 1/2		10.9	0.02	0.44		
<u>TOTAL</u>						416.00		35.63 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	S101	C10X30	12' 8 7/8"					
1	S101	C10X30	11' 3 5/16"	A992	338.27	338.27	28.92 ²	28.92 ²
1	s1007	C10X30	1' 5 1/8"	A992	42.75	42.75	3.65 ²	3.65 ²
1	s1013	C10X30	7 1/2"	A992	18.80	18.80	1.61 ²	1.61 ²
1	s1000	L3X3X1/4	11 1/2"	A992	4.70	4.70	0.96 ²	0.96 ²
1	p1024	PL 3/8"x3"x10"	10"	A36	3.38	3.38	0.49 ²	0.49 ²
2		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	1.23		
22		A325 1/2 x 1 3/4	1 3/4"	10.9	0.21	4.52		
2		A563 Nut M 3/4		10.9	0.19	0.39		
22		A563 Nut M 1/2		10.9	0.07	1.44		
2		Washer F436 - 3/4		10.9	0.04	0.09		
22		Washer F436 - 1/2		10.9	0.02	0.44		
<i>TOTAL</i>						416.00		35.63 ²
1	S102	C10X30	20' 9 5/8"					
1	S102	C10X30	19' 2 1/8"	A992	575.29	575.29	49.18 ²	49.18 ²
1	s1010	C10X30	1' 1 3/4"	A992	34.41	34.41	2.94 ²	2.94 ²
1	s1012	C10X30	1'	A992	29.98	29.98	2.56 ²	2.56 ²
1	s1001	L3X3X1/4	10 5/16"	A992	4.21	4.21	0.86 ²	0.86 ²
1	s1002	L3X3X1/4	8"	A992	3.27	3.27	0.67 ²	0.67 ²
4		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	2.47		
36		A325 1/2 x 1 3/4	1 3/4"	10.9	0.21	7.39		
4		A563 Nut M 3/4		10.9	0.19	0.77		
36		A563 Nut M 1/2		10.9	0.07	2.36		
4		Washer F436 - 3/4		10.9	0.04	0.18		
36		Washer F436 - 1/2		10.9	0.02	0.72		
<i>TOTAL</i>						661.05		56.21 ²

Quantity	Mark	Description	Length	Coating	Part weight	Total weight	Part surface	Total surface
			(inch)	Grade	pound	pound	(ft²)	(ft²)
1	S103	C10X30	20' 9 5/8"					
1	S103	C10X30	19' 2 1/8"	A992	575.29	575.29	49.18 ²	49.18 ²
1	s1009	C10X30	1' 1 3/4"	A992	34.42	34.42	2.94 ²	2.94 ²
1	s1011	C10X30	1'	A992	29.97	29.97	2.56 ²	2.56 ²
1	s1001	L3X3X1/4	10 5/16"	A992	4.21	4.21	0.86 ²	0.86 ²
1	s1002	L3X3X1/4	8"	A992	3.27	3.27	0.67 ²	0.67 ²
4		A325 3/4 x 2 1/4	2 1/4"	10.9	0.62	2.47		
36		A325 1/2 x 1 3/4	1 3/4"	10.9	0.21	7.39		
4		A563 Nut M 3/4		10.9	0.19	0.77		
36		A563 Nut M 1/2		10.9	0.07	2.36		
4		Washer F436 - 3/4		10.9	0.04	0.18		
36		Washer F436 - 1/2		10.9	0.02	0.72		
<i>TOTAL</i>						661.05		56.21 ²

TOTAL QUANTITY	127	pound
TOTAL WEIGHT	109,196.46	
TOTAL PAINT AREA	7,336.46 ²	

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