



Sample A

Bill of Material (For Takeoff Building-A)

Date: 05-20-2019

Profile	Grade	Qty.	Length	Weight(lbs)
WT5X6	A992	5	14'-0"	84
WT5X6	A992	2	12'-0"	72
WT5X6	A992	2	7'-6"	45
TOTAL FOR: WT5X6			109'-0"	657
W36X135	A992	3	56'-0"	7604
TOTAL FOR: W36X135			168'-0"	22812
W33X118	A992	1	36'-0"	4251
TOTAL FOR: W33X118			36'-0"	4251
W30X108	A992	1	56'-0"	6041
TOTAL FOR: W30X108			56'-0"	6041
W27X94	A992	1	32'-0"	3006
TOTAL FOR: W27X94			32'-0"	3006
W27X84	A992	1	32'-0"	2690
W27X84	A992	2	30'-0"	2522
W27X84	A992	4	28'-0"	2354
W27X84	A992	1	24'-0"	2017
TOTAL FOR: W27X84			228'-0"	19165
W24X76	A992	1	32'-0 3/4"	2444
TOTAL FOR: W24X76			32'-0 3/4"	2444
W24X68	A992	1	36'-0"	2463
W24X68	A992	1	32'-0"	2189
W24X68	A992	5	28'-0"	1915
W24X68	A992	1	16'-8 1/8"	1141
W24X68	A992	1	12'-0"	821
TOTAL FOR: W24X68			236'-8 1/8"	16190
W24X62	A992	1	32'-0"	1982
W24X62	A992	1	32'-0 3/4"	1986
W24X62	A992	2	28'-0"	1734
TOTAL FOR: W24X62			120'-0 3/4"	7436
W24X55	A992	1	32'-0"	1764
W24X55	A992	10	28'-0"	1544
W24X55	A992	1	24'-0"	1323
W24X55	A992	2	15'-8"	864
W24X55	A992	1	14'-4"	790
W24X55	A992	1	13'-10 1/2"	765
TOTAL FOR: W24X55			395'-6 1/2"	21807
W21X50	A992	4	32'-0"	1601
W21X50	A992	3	28'-0"	1401
W21X50	A992	2	24'-0"	1201
TOTAL FOR: W21X50			260'-0"	13007
W21X44	A992	2	44'-8"	1976
W21X44	A992	5	35'-6"	1571
W21X44	A992	4	32'-0"	1416
W21X44	A992	3	30'-0"	1327
W21X44	A992	1	29'-0"	1283
W21X44	A992	19	28'-0"	1239
W21X44	A992	1	22'-0"	973
TOTAL FOR: W21X44			1067'-10"	47243
W18X40	A992	1	32'-0"	1285
W18X40	A992	5	28'-0"	1124
TOTAL FOR: W18X40			172'-0"	6907

W18X35	A992	1	30'-0"	1052
W18X35	A992	29	28'-0"	981
W18X35	A992	2	20'-10"	730
W18X35	A992	1	12'-0"	421
W18X35	A992	1	2'-4"	82
W18X35	A992	1	1'-0"	35
TOTAL FOR: W18X35			899'-0"	31513
W16X77	A992	1	28'-0"	2154
TOTAL FOR: W16X77			28'-0"	2154
W16X40	A992	1	12'-0"	482
TOTAL FOR: W16X40			12'-0"	482
W16X36	A992	4	28'-0"	1010
W16X36	A992	3	12'-0"	433
W16X36	A992	1	4'-0"	144
TOTAL FOR: W16X36			152'-0"	5483
W16X31	A992	1	29'-0"	901
W16X31	A992	15	28'-0"	870
W16X31	A992	1	27'-6"	854
W16X31	A992	1	27'-4"	849
W16X31	A992	1	27'-0"	839
W16X31	A992	1	26'-6"	823
W16X31	A992	1	26'-0"	808
TOTAL FOR: W16X31			583'-4"	18125
W16X26	A992	4	30'-0"	784
W16X26	A992	1	29'-6"	771
W16X26	A992	1	29'-4"	767
W16X26	A992	1	28'-8"	749
W16X26	A992	45	28'-0"	732
W16X26	A992	1	26'-8"	697
W16X26	A992	2	26'-0"	680
W16X26	A992	1	24'-0"	627
W16X26	A992	2	22'-0"	575
W16X26	A992	2	21'-6"	562
W16X26	A992	1	20'-8"	540
W16X26	A992	1	19'-7"	512
W16X26	A992	6	18'-0"	470
W16X26	A992	2	16'-0"	418
W16X26	A992	1	15'-8"	409
W16X26	A992	2	14'-0"	366
W16X26	A992	2	12'-0"	314
W16X26	A992	2	8'-0"	209
W16X26	A992	1	7'-7 1/2"	199
TOTAL FOR: W16X26			1928'-8 1/2"	50410
W14X132	A992	1	36'-1 1/2"	4770
W14X132	A992	2	35'-1 1/2"	4638
W14X132	A992	1	34'-1 1/2"	4506
W14X132	A992	4	33'-1"	4368
W14X132	A992	8	33'-1 1/2"	4374
W14X132	A992	4	31'-4 7/8"	4147
W14X132	A992	3	24'-1 1/2"	3186
W14X132	A992	1	24'-0"	3169
W14X132	A992	2	23'-1 1/2"	3054
TOTAL FOR: W14X132			806'-1"	106438
W14X82	A992	8	35'-2"	2872
W14X82	A992	2	30'-0"	2450
W14X82	A992	9	28'-0"	2287
W14X82	A992	1	24'-0"	1960
TOTAL FOR: W14X82			617'-4"	50422
W14X74	A992	1	34'-10 1/2"	2587
W14X74	A992	3	28'-0"	2077
W14X74	A992	1	23'-1 1/2"	1716

W14X74	A992	1	22'-10 1/2"	1697
W14X74	A992	4	16'-0"	1187
TOTAL FOR: W14X74			228'-10 1/2"	16980
W14X68	A992	4	20'-0"	1361
TOTAL FOR: W14X68			80'-0"	5445
W14X26	A992	6	30'-0"	785
W14X26	A992	8	28'-0"	733
W14X26	A992	2	22'-0"	576
W14X26	A992	1	16'-4"	427
W14X26	A992	1	15'-4"	401
W14X26	A992	5	8'-8 1/4"	227
W14X26	A992	3	8'-0"	209
W14X26	A992	1	7'-5"	194
TOTAL FOR: W14X26			554'-6 1/4"	14512
W14X22	A992	1	30'-0"	663
W14X22	A992	1	28'-6"	629
W14X22	A992	35	28'-0"	618
W14X22	A992	4	26'-0"	574
W14X22	A992	3	24'-0"	530
W14X22	A992	3	16'-0"	353
W14X22	A992	3	15'-8"	346
W14X22	A992	1	15'-0"	331
W14X22	A992	2	14'-0"	309
W14X22	A992	9	12'-0"	265
W14X22	A992	1	10'-1 3/16"	223
W14X22	A992	1	9'-7 9/16"	213
W14X22	A992	15	8'-0"	177
W14X22	A992	1	7'-9 7/16"	172
W14X22	A992	2	5'-0 5/8"	112
W14X22	A992	2	4'-9 13/16"	106
W14X22	A992	4	4'-4"	96
W14X22	A992	1	4'-0"	88
W14X22	A992	4	3'-4"	74
W14X22	A992	1	3'-0"	66
TOTAL FOR: W14X22			1665'-5"	36784
W12X58	A992	1	33'-2 3/4"	1922
TOTAL FOR: W12X58			33'-2 3/4"	1922
W12X53	A992	4	35'-2 3/4"	1870
W12X53	A992	8	33'-2 3/4"	1764
W12X53	A992	1	33'-1 1/2"	1759
TOTAL FOR: W12X53			439'-10 1/2"	23353
W12X50	A992	1	35'-8 3/4"	1775
W12X50	A992	1	33'-3 1/4"	1653
W12X50	A992	4	33'-2 3/4"	1651
W12X50	A992	1	21'-2 3/4"	1055
TOTAL FOR: W12X50			223'-1 3/4"	11087
W12X40	A992	1	35'-3"	1404
W12X40	A992	2	35'-1"	1397
W12X40	A992	3	33'-3"	1324
W12X40	A992	2	21'-3"	846
W12X40	A992	2	12'-0"	478
W12X40	A992	5	10'-0"	398
TOTAL FOR: W12X40			321'-8"	12808
W12X26	A992	3	4'-4"	113
TOTAL FOR: W12X26			13'-0"	338
W12X19	A992	3	30'-0"	569
W12X19	A992	9	28'-0"	531
W12X19	A992	5	24'-0"	455
W12X19	A992	1	22'-0"	417
W12X19	A992	8	20'-0"	379
W12X19	A992	2	13'-0"	246

W12X19	A992	13	12'-0"	227
W12X19	A992	7	11'-4"	215
W12X19	A992	1	11'-0"	209
W12X19	A992	30	10'-8"	202
W12X19	A992	8	10'-8 9/16"	203
W12X19	A992	4	10'-4"	196
W12X19	A992	10	10'-0"	190
W12X19	A992	14	9'-10"	186
W12X19	A992	13	9'-4"	177
W12X19	A992	10	9'-3 7/8"	177
W12X19	A992	1	9'-0"	171
W12X19	A992	8	8'-10"	167
W12X19	A992	2	8'-6"	161
W12X19	A992	9	8'-0"	152
W12X19	A992	2	7'-11 7/8"	151
W12X19	A992	5	7'-9 7/16"	148
W12X19	A992	1	7'-4"	139
W12X19	A992	2	7'-4 13/16"	140
W12X19	A992	2	7'-2"	136
W12X19	A992	12	7'-0"	133
W12X19	A992	1	6'-2 9/16"	118
W12X19	A992	16	6'-0"	114
W12X19	A992	4	4'-5 7/16"	84
W12X19	A992	3	4'-4"	82
W12X19	A992	2	4'-0"	76
W12X19	A992	8	2'-6"	47
TOTAL FOR: W12X19			2320'-8 1/16"	43990
W12X16	A992	6	28'-0"	449
W12X16	A992	2	24'-0"	385
TOTAL FOR: W12X16			216'-0"	3462
W12X14	A992	1	20'-0"	283
W12X14	A992	2	18'-8"	264
W12X14	A992	2	18'-0"	255
W12X14	A992	1	16'-8"	236
W12X14	A992	2	14'-0"	198
W12X14	A992	6	12'-0"	170
W12X14	A992	1	11'-4"	160
W12X14	A992	1	10'-9 7/16"	153
W12X14	A992	6	10'-0"	142
W12X14	A992	2	9'-4"	132
W12X14	A992	10	9'-0"	127
W12X14	A992	8	8'-3 3/4"	118
W12X14	A992	47	8'-0"	113
W12X14	A992	1	7'-11 7/8"	113
W12X14	A992	11	7'-9 7/16"	110
W12X14	A992	6	7'-7 1/2"	108
W12X14	A992	2	7'-3"	103
W12X14	A992	40	7'-0"	99
W12X14	A992	1	6'-10"	97
W12X14	A992	19	6'-8"	94
W12X14	A992	2	6'-4"	90
W12X14	A992	7	6'-2 9/16"	88
W12X14	A992	75	6'-0"	85
W12X14	A992	1	6'-0 1/16"	85
W12X14	A992	1	5'-11 15/16"	85
W12X14	A992	1	5'-11 7/8"	85
W12X14	A992	3	5'-6"	78
W12X14	A992	1	5'-6 3/16"	78
W12X14	A992	1	5'-3 1/2"	75
W12X14	A992	6	5'-0"	71
W12X14	A992	4	4'-11 3/8"	70
W12X14	A992	4	4'-10 7/16"	69
W12X14	A992	3	4'-9"	67
W12X14	A992	1	4'-6"	64
W12X14	A992	1	4'-5 11/16"	63
W12X14	A992	5	4'-4"	61
W12X14	A992	27	4'-0"	57
W12X14	A992	2	3'-4"	47

W12X14	A992	1	3'-2 7/16"	45
W12X14	A992	7	3'-0"	42
W12X14	A992	1	3'-0 1/8"	43
W12X14	A992	2	2'-10"	40
W12X14	A992	1	2'-9 3/4"	40
W12X14	A992	1	2'-8 1/4"	38
W12X14	A992	1	2'-6"	35
W12X14	A992	1	2'-3 3/4"	33
W12X14	A992	1	2'-2 1/4"	31
TOTAL FOR: W12X14			2236'-4 5/16"	31661
W10X49	A992	1	35'-3 1/4"	1728
TOTAL FOR: W10X49			35'-3 1/4"	1728
W10X33	A992	3	35'-3 1/4"	1166
TOTAL FOR: W10X33			105'-9 3/4"	3497
W8X28	A992	1	8'-4"	234
TOTAL FOR: W8X28			8'-4"	234
PL3/16"X5 5/16"	A36	2	2'-8 1/2"	9
TOTAL FOR: PL3/16"X5 5/16"			5'-5"	19
PL3/16"X5 3/8"	A36	2	3'-11 1/2"	14
PL3/16"X5 3/8"	A36	2	3'-0"	11
PL3/16"X5 3/8"	A36	54	2'-8 1/2"	10
PL3/16"X5 3/8"	A36	2	2'-6 1/2"	9
PL3/16"X5 3/8"	A36	2	2'-5 1/2"	9
TOTAL FOR: PL3/16"X5 3/8"			170'-2"	604
PL3/4"X12 1/2"	A36	5	1'-0 1/2"	33
TOTAL FOR: PL3/4"X12 1/2"			5'-2 1/2"	166
PL2"X24"	A36	8	2'-3"	368
TOTAL FOR: PL2"X24"			18'-0"	2940
PL2 1/2"X27"	A36	29	2'-3"	517
TOTAL FOR: PL2 1/2"X27"			65'-3"	14989
PL1"X14"	A36	5	1'-2"	56
TOTAL FOR: PL1"X14"			5'-10"	278
PL1"X14 1/2"	A36	8	1'-2 1/2"	60
TOTAL FOR: PL1"X14 1/2"			9'-8"	477
PL1 1/4"X15"	A36	13	1'-3"	80
TOTAL FOR: PL1 1/4"X15"			16'-3"	1037
PL1 1/4"X14 1/2"	A36	6	1'-2 1/2"	75
TOTAL FOR: PL1 1/4"X14 1/2"			7'-3"	447
PIPE5STD	A53	96	3'-6"	48
PIPE5STD	A53	2	2'-6"	34
TOTAL FOR: PIPE5STD			341'-0"	4654
PIPE1-1/4STD	A53	5	47'-7 3/4"	102
PIPE1-1/4STD	A53	2	45'-9 5/8"	98
PIPE1-1/4STD	A53	1	24'-8 1/2"	53
PIPE1-1/4STD	A53	1	23'-3"	50
PIPE1-1/4STD	A53	1	22'-11 9/16"	49
PIPE1-1/4STD	A53	1	22'-0 1/4"	47
PIPE1-1/4STD	A53	4	21'-11 7/16"	47
PIPE1-1/4STD	A53	1	21'-10 15/16"	47
PIPE1-1/4STD	A53	1	21'-10 7/8"	47
PIPE1-1/4STD	A53	1	21'-10 3/16"	47
PIPE1-1/4STD	A53	6	21'-5"	46
PIPE1-1/4STD	A53	1	15'-11 7/16"	34
PIPE1-1/4STD	A53	1	15'-8 5/16"	34
PIPE1-1/4STD	A53	1	15'-7 5/8"	34
PIPE1-1/4STD	A53	1	15'-6 9/16"	33

PIPE1-1/4STD	A53	5	12'-3"	26
PIPE1-1/4STD	A53	3	12'-2 5/16"	26
PIPE1-1/4STD	A53	1	12'-2 3/16"	26
PIPE1-1/4STD	A53	2	12'-2 1/4"	26
PIPE1-1/4STD	A53	1	12'-1 3/16"	26
PIPE1-1/4STD	A53	7	8'-7 5/8"	19
PIPE1-1/4STD	A53	7	3'-10 13/16"	8
PIPE1-1/4STD	A53	7	3'-4 1/4"	7
PIPE1-1/4STD	A53	5	3'-3"	7
PIPE1-1/4STD	A53	4	3'-3 3/4"	7
PIPE1-1/4STD	A53	1	3'-3 1/16"	7
PIPE1-1/4STD	A53	7	3'-2 13/16"	7
PIPE1-1/4STD	A53	1	3'-1 15/16"	7
PIPE1-1/4STD	A53	1	0'-1 5/16"	0
TOTAL FOR: PIPE1-1/4STD			1083'-11 7/16	2324
MC13X31.8	A36	2	32'-0"	1018
TOTAL FOR: MC13X31.8			64'-0"	2036
MC12X31	A36	1	21'-11 3/4"	682
MC12X31	A36	1	21'-8 5/16"	673
MC12X31	A36	2	12'-5"	385
MC12X31	A36	1	8'-11 1/4"	277
MC12X31	A36	1	3'-10 1/16"	119
MC12X31	A36	1	3'-6 5/16"	109
MC12X31	A36	2	9'-10"	305
TOTAL FOR: MC12X31			104'-5 3/4"	3243
MC8X18.7	A36	2	7'-0"	131
TOTAL FOR: MC8X18.7			14'-0"	262
L4X4X3/8	A36	26	26'-0"	253
L4X4X3/8	A36	2	8'-0"	78
L4X4X3/8	A36	4	3'-3 11/16"	32
TOTAL FOR: L4X4X3/8			705'-2 3/4"	6864
L4X4X1/4	A36	2	9'-7 15/16"	63
L4X4X1/4	A36	2	9'-3 3/4"	61
L4X4X1/4	A36	20	8'-4 9/16"	55
L4X4X1/4	A36	10	8'-0 3/4"	53
L4X4X1/4	A36	20	7'-8 15/16"	51
L4X4X1/4	A36	2	7'-7 3/8"	50
L4X4X1/4	A36	18	7'-5 3/16"	49
L4X4X1/4	A36	4	7'-3 5/16"	48
L4X4X1/4	A36	2	7'-1 7/16"	47
L4X4X1/4	A36	10	6'-11 9/16"	46
L4X4X1/4	A36	6	6'-9 11/16"	45
L4X4X1/4	A36	2	6'-9 5/8"	45
L4X4X1/4	A36	2	6'-8 11/16"	44
L4X4X1/4	A36	36	6'-8 7/16"	44
L4X4X1/4	A36	2	6'-7 5/8"	44
L4X4X1/4	A36	48	6'-6"	43
L4X4X1/4	A36	4	6'-1 9/16"	40
L4X4X1/4	A36	2	5'-11 1/4"	39
L4X4X1/4	A36	2	5'-8 3/4"	38
L4X4X1/4	A36	2	5'-8 1/2"	38
L4X4X1/4	A36	12	5'-0 1/16"	33
L4X4X1/4	A36	8	4'-8 5/8"	31
L4X4X1/4	A36	8	0'-6"	3
TOTAL FOR: L4X4X1/4			1498'-9 1/16"	9844
L4X3X5/16	A36	2	3'-9 5/16"	27
L4X3X5/16	A36	6	2'-11"	21
L4X3X5/16	A36	4	2'-9"	20
L4X3X5/16	A36	2	2'-4 1/8"	17
L4X3X5/16	A36	6	2'-2 11/16"	16
TOTAL FOR: L4X3X5/16			54'-0 5/8"	384
L3-1/2X3-1/2X3/8	A36	1	20'-8 1/16"	176
L3-1/2X3-1/2X3/8	A36	6	20'-0"	170

L3-1/2X3-1/2X3/8	A36	2	19'-9 7/16"	168
L3-1/2X3-1/2X3/8	A36	1	18'-1 5/16"	154
L3-1/2X3-1/2X3/8	A36	2	17'-6 3/4"	149
L3-1/2X3-1/2X3/8	A36	1	13'-5 3/16"	114
L3-1/2X3-1/2X3/8	A36	2	10'-11 3/4"	93
L3-1/2X3-1/2X3/8	A36	2	9'-2 1/8"	78
L3-1/2X3-1/2X3/8	A36	2	8'-1 9/16"	69
L3-1/2X3-1/2X3/8	A36	1	7'-2 9/16"	61
L3-1/2X3-1/2X3/8	A36	1	7'-2 1/4"	61
L3-1/2X3-1/2X3/8	A36	4	6'-10 11/16"	59
TOTAL FOR: L3-1/2X3-1/2X3/8			345'-5 1/4"	2939
L3-1/2X3-1/2X1/4	A36	3	20'-0"	116
L3-1/2X3-1/2X1/4	A36	2	8'-8 3/16"	50
L3-1/2X3-1/2X1/4	A36	2	6'-11 5/8"	40
L3-1/2X3-1/2X1/4	A36	1	6'-8 3/8"	39
TOTAL FOR: L3-1/2X3-1/2X1/4			97'-11 15/16"	567
L2X2X3/16	A36	250	0'-8"	2
TOTAL FOR: L2X2X3/16			166'-8"	406
HSS20X4X5/16	A500-GR-B	4	18'-7 11/16"	850
HSS20X4X5/16	A500-GR-B	2	17'-8 1/8"	806
HSS20X4X5/16	A500-GR-B	3	17'-0"	775
HSS20X4X5/16	A500-GR-B	1	17'-0 5/8"	778
HSS20X4X5/16	A500-GR-B	2	16'-10 7/8"	771
HSS20X4X5/16	A500-GR-B	4	5'-7 7/8"	258
HSS20X4X5/16	A500-GR-B	2	3'-6 13/16"	163
HSS20X4X5/16	A500-GR-B	2	1'-5 9/16"	67
TOTAL FOR: HSS20X4X5/16			244'-5 9/16"	11148
HSS10X10X5/8	A500-GR-B	8	32'-8 3/16"	2336
HSS10X10X5/8	A500-GR-B	6	21'-0 11/16"	1505
HSS10X10X5/8	A500-GR-B	4	21'-0 1/2"	1504
HSS10X10X5/8	A500-GR-B	2	20'-11"	1495
HSS10X10X5/8	A500-GR-B	2	20'-9 1/2"	1486
HSS10X10X5/8	A500-GR-B	1	20'-6 1/16"	1465
HSS10X10X5/8	A500-GR-B	2	20'-6 1/2"	1468
HSS10X10X5/8	A500-GR-B	1	20'-5 13/16"	1464
HSS10X10X5/8	A500-GR-B	2	20'-5 5/8"	1463
HSS10X10X5/8	A500-GR-B	2	20'-0 5/16"	1431
HSS10X10X5/8	A500-GR-B	1	19'-8 11/16"	1410
HSS10X10X5/8	A500-GR-B	2	19'-7 3/8"	1402
HSS10X10X5/8	A500-GR-B	2	19'-6 7/8"	1399
HSS10X10X5/8	A500-GR-B	1	19'-3 5/8"	1379
HSS10X10X5/8	A500-GR-B	1	19'-2 11/16"	1374
HSS10X10X5/8	A500-GR-B	4	19'-2 5/8"	1373
HSS10X10X5/8	A500-GR-B	3	19'-2 3/4"	1374
TOTAL FOR: HSS10X10X5/8			989'-7 1/2"	70726
HSS8X8X5/16	A500-GR-B	2	24'-0"	715
TOTAL FOR: HSS8X8X5/16			48'-0"	1431
HSS8X8X5/8	A500-GR-B	8	18'-3 15/16"	1023
TOTAL FOR: HSS8X8X5/8			146'-7 9/16"	8184
HSS8X8X1/2	A500-GR-B	4	18'-8 3/4"	860
TOTAL FOR: HSS8X8X1/2			74'-11"	3442
HSS8X6X5/16	A500-GR-B	5	3'-0"	77
TOTAL FOR: HSS8X6X5/16			15'-0"	387
HSS8X6X1/2	A500-GR-B	4	17'-2 7/8"	681
TOTAL FOR: HSS8X6X1/2			68'-11 1/2"	2722
HSS8X4X3/8	A500-GR-B	2	21'-4"	550
HSS8X4X3/8	A500-GR-B	1	19'-8 7/8"	509
HSS8X4X3/8	A500-GR-B	3	19'-6"	503
HSS8X4X3/8	A500-GR-B	2	17'-0 5/8"	440
HSS8X4X3/8	A500-GR-B	3	15'-9 3/8"	407

HSS8X4X3/8	A500-GR-B	2	15'-7 5/8"	403
HSS8X4X3/8	A500-GR-B	2	15'-6"	400
HSS8X4X3/8	A500-GR-B	1	15'-2 7/8"	393
HSS8X4X3/8	A500-GR-B	9	15'-1 3/4"	391
HSS8X4X3/8	A500-GR-B	2	15'-0"	387
HSS8X4X3/8	A500-GR-B	3	15'-0 1/2"	388
HSS8X4X3/8	A500-GR-B	3	14'-11 1/2"	386
HSS8X4X3/8	A500-GR-B	4	14'-9"	380
HSS8X4X3/8	A500-GR-B	1	14'-4 3/4"	371
HSS8X4X3/8	A500-GR-B	3	14'-4 1/4"	370
HSS8X4X3/8	A500-GR-B	4	14'-2 7/8"	367
HSS8X4X3/8	A500-GR-B	1	14'-2 3/4"	367
HSS8X4X3/8	A500-GR-B	3	13'-6 1/4"	349
HSS8X4X3/8	A500-GR-B	15	13'-6 1/2"	349
HSS8X4X3/8	A500-GR-B	15	13'-2 1/2"	341
HSS8X4X3/8	A500-GR-B	8	12'-6 3/4"	324
HSS8X4X3/8	A500-GR-B	2	12'-4 3/4"	320
TOTAL FOR: HSS8X4X3/8			1290'-11 1/8"	33301
HSS8X4X1/2	A500-GR-B	1	15'-6"	514
TOTAL FOR: HSS8X4X1/2			15'-6"	514
HSS8.625X0.625	A500-GR-B	7	29'-0 1/8"	1451
TOTAL FOR: HSS8.625X0.625			203'-0 7/8"	10159
HSS6X6X3/8	A500-GR-B	1	17'-2 7/8"	445
TOTAL FOR: HSS6X6X3/8			17'-2 7/8"	445
HSS6X4X5/16	A500-GR-B	1	4'-5"	79
TOTAL FOR: HSS6X4X5/16			4'-5"	79
HSS6X4X1/4	A500-GR-B	2	28'-0"	410
HSS6X4X1/4	A500-GR-B	6	27'-0"	395
HSS6X4X1/4	A500-GR-B	1	10'-0"	146
HSS6X4X1/4	A500-GR-B	2	6'-5 1/4"	94
HSS6X4X1/4	A500-GR-B	2	5'-7 1/16"	82
HSS6X4X1/4	A500-GR-B	2	5'-6 5/8"	81
HSS6X4X1/4	A500-GR-B	2	5'-4 1/4"	78
HSS6X4X1/4	A500-GR-B	2	4'-9 1/8"	70
HSS6X4X1/4	A500-GR-B	2	4'-6 1/8"	66
HSS6X4X1/4	A500-GR-B	2	4'-3 11/16"	63
HSS6X4X1/4	A500-GR-B	2	4'-1 13/16"	61
TOTAL FOR: HSS6X4X1/4			309'-3 15/16"	4527
HSS6X0.500	A500-GR-B	37	10'-0"	275
HSS6X0.500	A500-GR-B	1	9'-1 1/2"	251
HSS6X0.500	A500-GR-B	48	9'-0"	248
HSS6X0.500	A500-GR-B	26	8'-0"	220
HSS6X0.500	A500-GR-B	21	2'-6"	69
HSS6X0.500	A500-GR-B	10	3'-6"	96
TOTAL FOR: HSS6X0.500			1106'-7 1/2"	30467
HSS6X0.375	A500-GR.B	84	2'-6"	53
TOTAL FOR: HSS6X0.375			210'-0"	4431
HSS4X4X5/16	A500-GR-B	4	53'-2 5/8"	743
HSS4X4X5/16	A500-GR-B	6	42'-6"	593
HSS4X4X5/16	A500-GR-B	3	38'-5"	536
HSS4X4X5/16	A500-GR-B	3	37'-6"	523
HSS4X4X5/16	A500-GR-B	6	35'-11"	501
HSS4X4X5/16	A500-GR-B	3	35'-7"	496
HSS4X4X5/16	A500-GR-B	3	32'-3"	450
HSS4X4X5/16	A500-GR-B	3	31'-3"	436
HSS4X4X5/16	A500-GR-B	3	29'-2"	407
HSS4X4X5/16	A500-GR-B	13	28'-7"	399
HSS4X4X5/16	A500-GR-B	17	28'-0"	391
HSS4X4X5/16	A500-GR-B	3	24'-3"	338
HSS4X4X5/16	A500-GR-B	3	22'-10"	319
HSS4X4X5/16	A500-GR-B	30	2'-6"	35
HSS4X4X5/16	A500-GR-B	5	1'-7"	22

HSS4X4X5/16	A500-GR-B	9	1'-3"	17
HSS4X4X5/16	A500-GR-B	27	1'-2"	16
TOTAL FOR: HSS4X4X5/16			2410'-4 3/16"	33632
HSS4X4X3/8	A500-GR-B	2	3'-2 3/4"	53
HSS4X4X3/8	A500-GR-B	1	2'-1 3/4"	35
HSS4X4X3/8	A500-GR-B	3	1'-9 1/4"	29
HSS4X4X3/8	A500-GR-B	2	1'-8 3/8"	28
HSS4X4X3/8	A500-GR-B	2	1'-7"	26
HSS4X4X3/8	A500-GR-B	1	1'-6 1/4"	25
HSS4X4X3/8	A500-GR-B	3	1'-5 5/8"	24
TOTAL FOR: HSS4X4X3/8			26'-4 7/8"	430
HSS4X4X1/4	A500-GR-B	6	1'-2"	13
TOTAL FOR: HSS4X4X1/4			7'-0"	80
HSS4X4X1/2	A500-GR-B	1	15'-6"	318
TOTAL FOR: HSS4X4X1/2			15'-6"	318
FL1/4"X12"	A36	2	113'-2 1/2"	1180
FL1/4"X12"	A36	2	112'-2 3/4"	1170
FL1/4"X12"	A36	2	107'-3 1/2"	1118
FL1/4"X12"	A36	1	102'-0 3/4"	1064
FL1/4"X12"	A36	1	96'-2"	1002
FL1/4"X12"	A36	1	83'-4"	869
FL1/4"X12"	A36	1	83'-4 3/4"	869
FL1/4"X12"	A36	1	68'-4"	712
FL1/4"X12"	A36	1	64'-2"	669
FL1/4"X12"	A36	2	55'-0"	573
FL1/4"X12"	A36	1	48'-11"	510
FL1/4"X12"	A36	1	47'-10 1/4"	499
FL1/4"X12"	A36	1	42'-0 3/4"	438
FL1/4"X12"	A36	1	35'-4"	368
FL1/4"X12"	A36	2	35'-0 3/4"	365
FL1/4"X12"	A36	1	30'-10 3/8"	322
FL1/4"X12"	A36	1	29'-7 1/2"	309
FL1/4"X12"	A36	1	15'-0"	156
TOTAL FOR: FL1/4"X12"			1592'-8 3/8"	16600
FL1/2"X2"	A36	4	17'-4 7/16"	59
FL1/2"X2"	A36	1	17'-1 5/16"	58
FL1/2"X2"	A36	1	17'-0 1/4"	58
FL1/2"X2"	A36	6	16'-7 9/16"	57
FL1/2"X2"	A36	8	16'-0 5/8"	55
FL1/2"X2"	A36	4	15'-2 5/16"	52
FL1/2"X2"	A36	1	7'-7 1/4"	26
FL1/2"X2"	A36	390	7'-6"	26
FL1/2"X2"	A36	184	7'-6 1/16"	26
FL1/2"X2"	A36	2	7'-6 1/2"	26
FL1/2"X2"	A36	4	7'-5 15/16"	26
FL1/2"X2"	A36	4	7'-5 7/8"	25
FL1/2"X2"	A36	8	4'-10"	16
FL1/2"X2"	A36	4	3'-1 1/8"	10
FL1/2"X2"	A36	4	0'-6 1/4"	2
TOTAL FOR: FL1/2"X2"			4834'-0 15/16	16450
C12X30	A36	2	10'-0 1/8"	300
C12X30	A36	4	8'-0"	240
TOTAL FOR: C12X30			52'-0 3/16"	1560
C8X11.5	A36	20	8'-0"	92
C8X11.5	A36	10	7'-0"	80
C8X11.5	A36	6	6'-0"	69
C8X11.5	A36	28	2'-6"	29
TOTAL FOR: C8X11.5			336'-0"	3854
BPL1/4"X16 1/2"	A36	1	56'-0"	797
BPL1/4"X16 1/2"	A36	7	10'-0"	142
BPL1/4"X16 1/2"	A36	2	8'-8 3/4"	124
BPL1/4"X16 1/2"	A36	7	6'-11"	98

BPL1/4"X16 1/2"	A36	1	6'-11 7/8"	99
BPL1/4"X16 1/2"	A36	1	4'-10 3/4"	70
BPL1/4"X16 1/2"	A36	1	3'-2"	45
BPL1/4"X16 1/2"	A36	1	3'-1 7/8"	45
BPL1/4"X16 1/2"	A36	1	3'-0 13/16"	44
TOTAL FOR: BPL1/4"X16 1/2"			213'-1 13/16"	3033
BPL1/4"X10 7/8"	A36	1	1'-4 1/2"	13
TOTAL FOR: BPL1/4"X10 7/8"			1'-4 1/2"	13
TOTAL TREAD		93		0
TOTAL ANCHOR ROD1"	F1554 GR-36	156		0
TOTAL ANCHOR ROD1 1/2"	F1554 GR-36	280		0
VERCO_HSB-36_DECK			28076 sq. ft.	0
VERCO_W3_FORMLOK DECK			25515 sq. ft.	0
VERCO_W2_FORMLOK DECK			409 sq. ft.	0
GROSS WEIGHT (In lbs)				956206

Sample A

Bill of Material (For Takeoff Building-B)

Date: 05-20-2019

Profile	Grade	Qty.	Length	Weight(lbs)
W24X76	A992	1	40'-0"	3049
TOTAL FOR W24X76			40'-0"	3049
W24X68	A992	1	40'-0"	2736
TOTAL FOR: W24X68			40'-0"	2736
W24X62	A992	2	48'-0"	2973
W24X62	A992	1	40'-0"	2478
W24X62	A992	1	32'-11"	2039
TOTAL FOR: W24X62			168'-11"	10462
W24X55	A992	4	40'-0"	2205
W24X55	A992	1	24'-0"	1323
TOTAL FOR: W24X55			184'-0"	10144
W21X44	A992	3	40'-0"	1770
W21X44	A992	2	34'-0"	1504
W21X44	A992	2	24'-0"	1062
W21X44	A992	1	6'-1"	269
TOTAL FOR: W21X44			242'-1"	10710
W18X40	A992	3	34'-0"	1365
W18X40	A992	1	24'-0"	964
TOTAL FOR: W18X40			126'-0"	5060
W18X35	A992	3	40'-0"	1402
W18X35	A992	2	34'-0"	1192
W18X35	A992	7	24'-0"	841
W18X35	A992	1	20'-0"	701
W18X35	A992	2	14'-0"	491
TOTAL FOR: W18X35			404'-0"	14161
W16X45	A992	1	24'-0"	1086
TOTAL FOR: W16X45			24'-0"	1086
W16X36	A992	1	12'-5 3/4"	450
W16X36	A992	2	10'-0"	361
TOTAL FOR: W16X36			32'-5 3/4"	1172
W16X31	A992	7	40'-0"	1243
W16X31	A992	2	32'-11"	1023
W16X31	A992	4	24'-0"	746
W16X31	A992	1	10'-0"	311
W16X31	A992	1	4'-0"	124
TOTAL FOR: W16X31			455'-10"	14163
W16X26	A992	1	55'-4 13/16"	1448
W16X26	A992	2	34'-0"	889
W16X26	A992	1	32'-11"	860
W16X26	A992	1	28'-8"	749
W16X26	A992	9	24'-0"	627
W16X26	A992	4	18'-0"	470
W16X26	A992	2	14'-0"	366
W16X26	A992	1	13'-0"	340
W16X26	A992	3	10'-0"	261
W16X26	A992	1	9'-6 3/4"	250
W16X26	A992	2	9'-4"	244
W16X26	A992	1	9'-3 7/8"	244
W16X26	A992	5	5'-4 13/16"	141
W16X26	A992	3	5'-4 3/4"	141
W16X26	A992	1	5'-2"	135
W16X26	A992	2	4'-2 3/4"	111
W16X26	A992	1	4'-0"	105
TOTAL FOR: W16X26			642'-4 1/8"	16789

W14X74	A992	6	17'-2"	1274
TOTAL FOR: W14X74			103'-0"	7642
W14X68	A992	2	24'-0"	1634
W14X68	A992	2	20'-0"	1361
W14X68	A992	2	18'-0"	1225
W14X68	A992	8	17'-2"	1168
TOTAL FOR: W14X68			261'-4"	17787
W14X34	A992	1	12'-11"	440
W14X34	A992	1	12'-3"	417
TOTAL FOR: W14X34			25'-2"	856
W14X30	A992	1	18'-0"	542
TOTAL FOR: W14X30			18'-0"	542
W14X22	A992	2	34'-0"	751
W14X22	A992	2	32'-11"	727
W14X22	A992	1	24'-0"	530
W14X22	A992	2	14'-0"	309
W14X22	A992	1	10'-0"	221
TOTAL FOR: W14X22			195'-10"	4325
W12X96	A992	2	17'-3"	1655
TOTAL FOR: W12X96			34'-6"	3311
W12X40	A992	1	12'-10"	511
W12X40	A992	1	4'-10"	192
TOTAL FOR: W12X40			17'-8"	703
W12X19	A992	2	18'-0"	341
W12X19	A992	2	10'-6"	199
W12X19	A992	1	10'-0"	190
W12X19	A992	2	10'-0 15/16"	191
W12X19	A992	2	9'-5 3/16"	179
W12X19	A992	1	9'-0"	171
W12X19	A992	1	8'-2 15/16"	156
W12X19	A992	3	8'-2 7/16"	155
W12X19	A992	13	8'-0"	152
W12X19	A992	2	7'-10 1/2"	149
W12X19	A992	1	7'-7 1/2"	145
W12X19	A992	2	7'-6"	142
W12X19	A992	2	7'-6 13/16"	143
W12X19	A992	2	7'-1"	134
W12X19	A992	2	7'-0"	133
W12X19	A992	1	6'-0"	114
W12X19	A992	4	5'-0"	95
W12X19	A992	4	5'-0 7/16"	96
W12X19	A992	2	4'-8"	88
W12X19	A992	4	4'-8 5/8"	89
W12X19	A992	4	4'-1 3/16"	78
W12X19	A992	2	3'-11 1/4"	75
TOTAL FOR: W12X19			432'-2 3/16"	8192
W12X14	A992	20	18'-0"	255
W12X14	A992	1	13'-0"	184
W12X14	A992	2	12'-3"	173
W12X14	A992	5	10'-8 1/4"	151
W12X14	A992	21	10'-0"	142
W12X14	A992	4	9'-6"	134
W12X14	A992	1	9'-0"	127
W12X14	A992	3	8'-9"	124
W12X14	A992	73	8'-0"	113
W12X14	A992	2	7'-7 1/2"	108
W12X14	A992	2	7'-6"	106
W12X14	A992	8	7'-0"	99
W12X14	A992	4	6'-7"	93
W12X14	A992	1	6'-6"	92
W12X14	A992	3	6'-1"	86

W12X14	A992	8	6'-0"	85
W12X14	A992	12	5'-2"	73
W12X14	A992	13	5'-0"	71
W12X14	A992	8	4'-8"	66
W12X14	A992	4	4'-7 15/16"	66
W12X14	A992	5	4'-0"	57
W12X14	A992	5	2'-8"	38
W12X14	A992	4	2'-0"	28
TOTAL FOR: W12X14			1727'-9 7/8"	24461
W10X33	A992	2	19'-3 1/4"	637
W10X33	A992	23	17'-3 1/4"	571
TOTAL FOR: W10X33			435'-9 1/4"	14400
PL3/4"X12 1/2"	A36	25	1'-0 1/2"	33
TOTAL FOR: PL3/4"X12 1/2"			26'-0 1/2"	831
PL2"X24"	A36	14	2'-3"	368
TOTAL FOR: PL2"X24"			31'-6"	5146
PL1"X16"	A36	2	2'-0"	109
TOTAL FOR PL1"X16"			4'-0"	218
PIPE5STD	A53	6	3'-6"	48
PIPE5STD	A53	72	2'-0"	27
TOTAL FOR: PIPE5STD			165'-0"	2252
MC10X28.5	A36	2	4'-10"	138
TOTAL FOR: MC10X28.5			9'-8"	275
L6X6X1/2	A36	1	1'-4"	26
L6X6X1/2	A36	1	1'-2"	23
L6X6X1/2	A36	4	1'-0 1/8"	20
TOTAL FOR: L6X6X1/2			6'-6 9/16"	129
L4X4X1/4	A36	2	9'-3"	61
L4X4X1/4	A36	2	8'-10 13/16"	58
L4X4X1/4	A36	2	7'-5 3/16"	49
L4X4X1/4	A36	2	7'-2 15/16"	48
L4X4X1/4	A36	2	7'-2 3/16"	47
L4X4X1/4	A36	14	7'-0 1/2"	46
L4X4X1/4	A36	26	6'-6"	43
L4X4X1/4	A36	16	6'-5 15/16"	43
L4X4X1/4	A36	4	6'-2 3/16"	41
L4X4X1/4	A36	4	5'-4 7/16"	35
L4X4X1/4	A36	12	5'-1 3/4"	34
L4X4X1/4	A36	8	4'-8 5/8"	31
TOTAL FOR: L4X4X1/4			597'-2 3/4"	3923
HSS8X8X5/8	A500-GR-B	2	18'-10 11/16"	1054
HSS8X8X5/8	A500-GR-B	2	18'-10 9/16"	1054
HSS8X8X5/8	A500-GR-B	2	18'-9 13/16"	1050
HSS8X8X5/8	A500-GR-B	4	17'-10 3/16"	996
HSS8X8X5/8	A500-GR-B	4	17'-4 7/8"	972
HSS8X8X5/8	A500-GR-B	1	8'-1 1/2"	453
HSS8X8X5/8	A500-GR-B	1	6'-5"	358
HSS8X8X5/8	A500-GR-B	1	6'-3"	349
HSS8X8X5/8	A500-GR-B	1	6'-2"	344
TOTAL FOR: HSS8X8X5/8			281'-2 1/8"	15693
HSS8X4X3/8	A500-GR-B	10	15'-6"	400
HSS8X4X3/8	A500-GR-B	2	14'-6 1/8"	374
HSS8X4X3/8	A500-GR-B	2	14'-4"	370
HSS8X4X3/8	A500-GR-B	1	14'-4 1/8"	370
HSS8X4X3/8	A500-GR-B	1	14'-2"	365
HSS8X4X3/8	A500-GR-B	8	14'-2 1/8"	366
HSS8X4X3/8	A500-GR-B	2	14'-1 7/8"	365
HSS8X4X3/8	A500-GR-B	2	14'-0 1/4"	362
HSS8X4X3/8	A500-GR-B	4	13'-9 3/8"	356
HSS8X4X3/8	A500-GR-B	14	13'-6 3/8"	349

HSS8X4X3/8	A500-GR-B	6	13'-6 1/8"	349
HSS8X4X3/8	A500-GR-B	1	13'-6 1/4"	349
HSS8X4X3/8	A500-GR-B	22	13'-2 1/2"	341
TOTAL FOR: HSS8X4X3/8			1040'-8 3/8"	26846
HSS6X4X5/16	A500-GR-B	1	73'-0"	1307
HSS6X4X5/16	A500-GR-B	1	25'-9"	461
HSS6X4X5/16	A500-GR-B	1	17'-7"	315
HSS6X4X5/16	A500-GR-B	1	11'-8"	209
HSS6X4X5/16	A500-GR-B	1	11'-6"	206
TOTAL FOR: HSS6X4X5/16			139'-6"	2497
HSS6X4X3/8	A500-GR-B	2	1'-9"	37
HSS6X4X3/8	A500-GR-B	4	1'-5"	30
HSS6X4X3/8	A500-GR-B	17	1'-2"	25
HSS6X4X3/8	A500-GR-B	1	0'-9"	16
TOTAL FOR: HSS6X4X3/8			29'-9"	626
HSS6X0.500	A500-GR-B	32	9'-0"	248
HSS6X0.500	A500-GR-B	15	8'-6"	234
TOTAL FOR: HSS6X0.500			415'-6"	11439
HSS6X0.375	A500-GR-B	45	2'-6"	53
TOTAL FOR: HSS6X0.375			112'-6"	2374
HSS5X5X5/16	A500-GR-B	1	1'-8"	30
TOTAL FOR: HSS5X5X5/16			1'-8"	30
HSS5X5X3/8	A500-GR-B	4	9'-11"	209
HSS5X5X3/8	A500-GR-B	1	9'-1"	191
HSS5X5X3/8	A500-GR-B	18	8'-0"	168
HSS5X5X3/8	A500-GR-B	1	7'-5 1/2"	157
HSS5X5X3/8	A500-GR-B	4	7'-0"	147
HSS5X5X3/8	A500-GR-B	1	6'-7 1/2"	139
HSS5X5X3/8	A500-GR-B	1	6'-5"	135
HSS5X5X3/8	A500-GR-B	33	5'-0"	105
HSS5X5X3/8	A500-GR-B	1	5'-0 1/2"	106
HSS5X5X3/8	A500-GR-B	1	4'-11"	103
HSS5X5X3/8	A500-GR-B	1	4'-0"	84
TOTAL FOR: HSS5X5X3/8			420'-2 1/2"	8838
HSS4X4X5/16	A500-GR-B	3	44'-3"	617
HSS4X4X5/16	A500-GR-B	3	41'-2"	574
HSS4X4X5/16	A500-GR-B	1	30'-5"	424
HSS4X4X5/16	A500-GR-B	2	30'-3"	422
HSS4X4X5/16	A500-GR-B	6	29'-0"	405
HSS4X4X5/16	A500-GR-B	3	28'-7"	399
HSS4X4X5/16	A500-GR-B	2	15'-10"	221
HSS4X4X5/16	A500-GR-B	1	15'-7 5/8"	218
HSS4X4X5/16	A500-GR-B	1	8'-0"	112
HSS4X4X5/16	A500-GR-B	1	2'-0 7/8"	29
HSS4X4X5/16	A500-GR-B	2	1'-11"	27
HSS4X4X5/16	A500-GR-B	1	1'-8"	23
HSS4X4X5/16	A500-GR-B	1	1'-2"	16
HSS4X4X5/16	A500-GR-B	3	0'-9"	10
TOTAL FOR: HSS4X4X5/16			673'-2 1/2"	9393
HSS4X4X1/4	A500-GR-B	4	13'-2 1/2"	151
TOTAL FOR: HSS4X4X1/4			52'-10"	606
HSS4X4X1/2	A500-GR-B	1	15'-5 3/4"	317
HSS4X4X1/2	A500-GR-B	1	13'-6 3/8"	277
TOTAL FOR: HSS4X4X1/2			29'-0 1/8"	594
TOTAL ANCHOR ROD1"	F1554 GR-36	108		0
TOTAL ANCHOR ROD1 1/2"	F1554 GR-36	112		0
VERCO_HSB-36_DECK			15601 sq. ft.	0

	GROSS WEIGHT (In lbs)	263463 lbs

Sample A

Bill of Material (For Takeoff Building-C)

Date: 05-20-2019

Profile	Grade	Qty.	Length	Weight(lbs)
W24X55	A992	4	30'-0"	1654
TOTAL FOR: W24X55			120'-0"	6616
W21X50	A992	1	38'-2"	1909
W21X50	A992	1	30'-0"	1501
W21X50	A992	1	16'-0"	800
TOTAL FOR: W21X50			84'-2"	4211
W21X44	A992	1	38'-0"	1681
W21X44	A992	1	37'-6"	1659
W21X44	A992	1	30'-0"	1327
W21X44	A992	1	19'-6"	863
W21X44	A992	1	11'-0"	487
TOTAL FOR: W21X44			136'-0"	6017
W18X40	A992	1	34'-0"	1365
W18X40	A992	2	30'-0"	1205
W18X40	A992	1	1'-6"	60
TOTAL FOR: W18X40			95'-6"	3835
W18X35	A992	1	30'-0"	1052
W18X35	A992	1	26'-0"	911
W18X35	A992	1	18'-0"	631
TOTAL FOR: W18X35			74'-0"	2594
W16X31	A992	1	38'-0"	1181
W16X31	A992	2	37'-6"	1165
W16X31	A992	1	26'-0"	808
TOTAL FOR: W16X31			139'-0"	4319
W16X26	A992	5	38'-0"	993
W16X26	A992	4	26'-0"	680
W16X26	A992	1	19'-6"	510
W16X26	A992	1	16'-0"	418
W16X26	A992	1	14'-6"	379
W16X26	A992	2	14'-0"	366
W16X26	A992	1	12'-0"	314
W16X26	A992	3	1'-6"	39
TOTAL FOR: W16X26			388'-6"	10154
W14X68	A992	2	23'-0"	1565
W14X68	A992	1	19'-0"	1293
W14X68	A992	1	18'-0"	1225
W14X68	A992	8	17'-2"	1168
TOTAL FOR: W14X68			220'-4"	14997
W14X22	A992	1	38'-0"	839
W14X22	A992	1	32'-6"	718
W14X22	A992	1	28'-11"	639
W14X22	A992	2	26'-0"	574
W14X22	A992	1	18'-0"	398
W14X22	A992	1	14'-6"	320
W14X22	A992	2	11'-0"	243
W14X22	A992	1	10'-0"	221
W14X22	A992	2	5'-6"	121
W14X22	A992	4	4'-0"	88
W14X22	A992	3	1'-6"	33
TOTAL FOR: W14X22			247'-5"	5465
W12X96	A992	2	17'-3 1/2"	1659
TOTAL FOR: W12X96			34'-7"	3319
W12X40	A992	1	9'-0"	358
TOTAL FOR: W12X40			9'-0"	358

W12X19	A992	1	26'-0"	493
W12X19	A992	1	16'-0"	303
W12X19	A992	2	10'-0"	190
W12X19	A992	2	8'-6"	161
W12X19	A992	2	7'-6"	142
W12X19	A992	2	6'-0"	114
TOTAL FOR: W12X19			106'-0"	2009
W12X14	A992	5	26'-0"	368
W12X14	A992	1	19'-0"	269
W12X14	A992	1	18'-0"	255
W12X14	A992	6	16'-0"	227
W12X14	A992	5	14'-6"	205
W12X14	A992	7	14'-0"	198
W12X14	A992	1	8'-8"	123
W12X14	A992	2	8'-2"	116
W12X14	A992	1	8'-1"	114
W12X14	A992	1	8'-0"	113
W12X14	A992	27	7'-6"	106
W12X14	A992	14	7'-0"	99
W12X14	A992	3	6'-6"	92
W12X14	A992	5	6'-0"	85
W12X14	A992	2	5'-10"	83
W12X14	A992	4	5'-6"	78
W12X14	A992	2	4'-6"	64
W12X14	A992	2	4'-3"	60
W12X14	A992	6	4'-0"	57
W12X14	A992	1	3'-0"	42
W12X14	A992	1	2'-9"	39
W12X14	A992	2	2'-6"	35
TOTAL FOR: W12X14			910'-6"	12890
W10X33	A992	16	17'-3 1/4"	571
TOTAL FOR: W10X33			276'-4"	9131
PL3/4"X12 1/2"	A36	16	1'-0 1/2"	33
TOTAL FOR: PL3/4"X12 1/2"			16'-8"	532
PL2"X24"	A36	8	2'-3"	368
TOTAL FOR: PL2"X24"			18'-0"	2940
PL1"X16"	A36	2	2'-0"	109
TOTAL FOR: PL1"X16"			4'-0"	218
PIPE5STD	A53	74	3'-6"	48
TOTAL FOR: PIPE5STD			259'-0"	3535
MC10X28.5	A36	2	9'-0"	256
TOTAL FOR: MC10X28.5			18'-0"	513
L4X4X1/4	A36	32	5'-8 1/4"	37
L4X4X1/4	A36	2	5'-4 3/4"	35
L4X4X1/4	A36	10	5'-3"	34
L4X4X1/4	A36	2	5'-3 3/16"	35
TOTAL FOR: L4X4X1/4			255'-9 11/16"	1680
HSS8X8X5/8	A500-GR-B	4	19'-8 3/16"	1098
HSS8X8X5/8	A500-GR-B	2	18'-9 7/8"	1050
HSS8X8X5/8	A500-GR-B	2	18'-7 3/16"	1038
TOTAL FOR: HSS8X8X5/8			153'-6 3/4"	8571
HSS6X6X5/16	A500-GR-B	5	1'-11"	42
TOTAL FOR: HSS6X6X5/16			9'-7"	210
HSS6X6X1/2	A500-GR	23	8'-0"	265
HSS6X6X1/2	A500-GR	23	2'-6"	83
TOTAL FOR: HSS6X6X1/2			241'-6"	8005
HSS5X5X3/8	A500-GR-B	1	84'-6"	1777

HSS5X5X3/8	A500-GR-B	14	6'-0"	126
TOTAL FOR: HSS5X5X3/8			168'-6"	3544
HSS4X4X5/16	A500-GR-B	6	27'-7"	385
HSS4X4X5/16	A500-GR-B	6	26'-3"	366
HSS4X4X5/16	A500-GR-B	3	24'-0"	335
HSS4X4X5/16	A500-GR-B	3	22'-1"	308
HSS4X4X5/16	A500-GR-B	3	20'-1"	280
HSS4X4X5/16	A500-GR-B	3	17'-3"	241
TOTAL FOR: HSS4X4X5/16			573'-3"	7999
C8X11.5	A36	6	7'-6"	86
C8X11.5	A36	8	7'-0"	80
C8X11.5	A36	2	6'-0"	69
C8X11.5	A36	2	4'-0"	46
C8X11.5	A36	2	3'-5"	39
C8X11.5	A36	5	3'-3"	37
C8X11.5	A36	6	2'-3"	26
TOTAL FOR: C8X11.5			157'-7"	1807
TOTAL ANCHOR_ROD1"	F1554 GR-36	64		0
TOTAL ANCHOR_ROD1 1/2"	F1554 GR-36	80		0
VERCO_HSB-36 DECK			8453 sq. ft.	0
GROSS WEIGHT (In lbs)				125467 lbs

Sample A

Bill of Material (For Takeoff Building-D)

Date: 05-20-2019

Profile	Grade	Qty.	Length	Weight(lbs)
W24X68	A992	1	30'-0"	2052
TOTAL FOR: W24X68			30'-0"	2052
W21X83	A992	1	30'-0"	2491
TOTAL FOR: W21X83			30'-0"	2491
W21X50	A992	2	30'-0"	1501
TOTAL FOR: W21X50			60'-0"	3002
W21X44	A992	10	34'-0"	1504
W21X44	A992	4	30'-0"	1327
W21X44	A992	1	28'-0"	1239
TOTAL FOR: W21X44			488'-0"	21590
W18X40	A992	5	34'-0"	1365
W18X40	A992	1	32'-0"	1285
W18X40	A992	1	30'-0"	1205
W18X40	A992	2	28'-0"	1124
TOTAL FOR: W18X40			288'-0"	11565
W18X35	A992	1	34'-0"	1192
W18X35	A992	1	32'-0"	1122
W18X35	A992	1	28'-0"	981
W18X35	A992	1	20'-0"	701
TOTAL FOR: W18X35			114'-0"	3996
W16X36	A992	1	39'-4"	1419
W16X36	A992	1	34'-0"	1227
TOTAL FOR: W16X36			73'-4"	2645
W16X31	A992	4	34'-0"	1056
W16X31	A992	1	20'-0"	621
W16X31	A992	1	12'-0"	373
W16X31	A992	1	9'-0"	280
TOTAL FOR: W16X31			177'-0"	5500
W16X26	A992	5	34'-0"	889
W16X26	A992	3	32'-0"	836
W16X26	A992	1	32'-0 3/16"	837
W16X26	A992	3	30'-0"	784
W16X26	A992	1	22'-0"	575
W16X26	A992	2	20'-0"	523
W16X26	A992	2	12'-6"	327
W16X26	A992	1	8'-0"	209
W16X26	A992	9	7'-8"	200
W16X26	A992	4	7'-4"	192
TOTAL FOR: W16X26			581'-4 3/16"	15194
W14X132	A992	1	8'-0"	1056
TOTAL FOR: W14X132			8'-0"	1056
W14X82	A992	1	22'-0"	1797
W14X82	A992	2	17'-2"	1402
TOTAL FOR: W14X82			56'-4"	4601
W14X74	A992	1	19'-0"	1410
W14X74	A992	2	17'-2"	1274
TOTAL FOR: W14X74			53'-4"	3957
W14X68	A992	2	20'-0"	1361
W14X68	A992	4	17'-2"	1168
TOTAL FOR: W14X68			108'-8"	7396
W14X22	A992	2	34'-0"	751

W14X22	A992	5	32'-0"	707
W14X22	A992	1	32'-0 1/16"	707
TOTAL FOR: W14X22			260'-0 1/8"	5743
W12X96	A992	2	17'-3 1/2"	1659
TOTAL FOR: W12X96			34'-7"	3319
W12X40	A992	1	12'-5"	494
W12X40	A992	1	11'-0"	438
TOTAL FOR: W12X40			23'-5"	932
W12X19	A992	2	34'-0"	644
W12X19	A992	1	32'-0"	607
W12X19	A992	2	20'-0"	379
W12X19	A992	3	10'-0"	190
W12X19	A992	2	7'-0"	133
W12X19	A992	2	4'-3"	81
TOTAL FOR: W12X19			192'-6"	3649
W12X14	A992	8	20'-0"	283
W12X14	A992	1	10'-0"	142
W12X14	A992	2	8'-2"	116
W12X14	A992	33	7'-8"	109
W12X14	A992	7	7'-6"	106
W12X14	A992	1	7'-5 1/4"	105
W12X14	A992	7	7'-4"	104
W12X14	A992	19	7'-0"	99
W12X14	A992	12	6'-3"	88
W12X14	A992	5	4'-3"	60
W12X14	A992	2	1'-4"	19
TOTAL FOR: W12X14			782'-6 1/4"	11078
W10X39	A992	1	18'-3"	714
TOTAL FOR: W10X39			18'-3"	714
W10X33	A992	1	18'-3 1/4"	604
W10X33	A992	7	17'-3 1/4"	571
TOTAL FOR: W10X33			139'-2"	4599
PL3/4"X12 1/2"	A36	8	1'-0 1/2"	33
TOTAL FOR: PL3/4"X12 1/2"			8'-4"	266
PL2"X24"	A36	8	2'-3"	368
TOTAL FOR: PL2"X24"			18'-0"	2940
PL1"X16"	A36	2	2'-0"	109
TOTAL FOR: PL1"X16"			4'-0"	218
PL1"X14"	A36	5	1'-2"	56
TOTAL FOR: PL1"X14"			5'-10"	278
PL1"X12 1/2"	A36	1	1'-0 1/2"	44
TOTAL FOR: PL1"X12 1/2"			1'-0 1/2"	44
PIPE5STD	A53	54	3'-6"	48
TOTAL FOR: PIPE5STD			189'-0"	2579
MC10X28.5	A36	2	12'-5"	354
MC10X28.5	A36	2	11'-0"	313
TOTAL FOR: MC10X28.5			46'-10"	1334
L4X4X1/4	A36	66	6'-9 3/4"	45
TOTAL FOR: L4X4X1/4			449'-6 3/4"	2953
HSS8X8X5/8	A500-GR	2	19'-5 1/4"	1085
HSS8X8X5/8	A500-GR	4	19'-0 3/16"	1061
HSS8X8X5/8	A500-GR	2	18'-9 5/16"	1048
TOTAL FOR: HSS8X8X5/8			152'-5 3/4"	8510
HSS6X6X5/16	A500-GR	5	17'-4"	379

TOTAL FOR: HSS6X6X5/16			86'-8"	1896
HSS6X6X1/2	A500-GR	33	8'-0"	265
HSS6X6X1/2	A500-GR	33	2'-6"	83
TOTAL FOR: HSS6X6X1/2			346'-6"	11485
HSS5X5X3/8	A500-GR	1	30'-2 1/2"	635
HSS5X5X3/8	A500-GR	2	30'-0"	631
HSS5X5X3/8	A500-GR	1	29'-9 1/2"	627
HSS5X5X3/8	A500-GR	1	11'-8 1/2"	246
HSS5X5X3/8	A500-GR	20	6'-0"	126
TOTAL FOR: HSS5X5X3/8			251'-8 1/2"	5294
HSS4X4X5/16	A500-GR	3	68'-10"	960
HSS4X4X5/16	A500-GR	3	68'-6"	956
HSS4X4X5/16	A500-GR	3	60'-5"	843
HSS4X4X5/16	A500-GR	3	60'-1"	838
HSS4X4X5/16	A500-GR	8	2'-0"	28
HSS4X4X5/16	A500-GR	8	1'-10"	26
TOTAL FOR: HSS4X4X5/16			804'-2"	11221
C8X11.5	A36	4	7'-8"	88
C8X11.5	A36	18	7'-6"	86
C8X11.5	A36	7	7'-0"	80
C8X11.5	A36	1	3'-10 1/2"	44
C8X11.5	A36	27	2'-10"	32
TOTAL FOR: C8X11.5			295'-0 1/2"	3384
TOTAL ANCHOR_ROD1"	F1554 GR-36	56		0
TOTAL ANCHOR_ROD1 1/2"	F1554 GR-36	80		0
VERCO_HSB-36_DECK			12837 sq. ft.	0
			GROSS WEIGHT (In lbs)	167483 lbs