

Rebar Estimation
Cover Sheet

Estimator: _____ **Revision No:** _____
Bid Date: 5th Dec 2018 **Bid Type:** Lump Sum

Project No: KRS-027

Project Name: East 4th Avenue Office Building

Address: 161-165 East 4th Ave ,
Vancouver ,BC

Drawing Issued Date: S001-S610 (29th Oct 2018)

Addendum No: -

Specification & Date: -

Weight Details by Elements:-

CODE	ELEMENTS	BAR WEIGHT
100	Pad Footing	20452.84
101	Strip Footing	21672.12
102	Slab On Grade	57128.66
103	Upstand Beam	647.98
104	Slab @ Level P3	60457.41
105	Upstand Beam	647.98
106	Slab Band	29843.08
107	Slab @ Level P2	60664.18
108	Upstand Beam	647.98
109	Slab Band	29499.32
110	Slab @ Level P1	38648.93
111	Beam	1418.77
112	Slab Band	18743.06
113	Slab @ Base Surface	25093.78
114	Beam	5122.29
115	Slab Band	4796.46
116	Stair Case	161.84
117	Slab @ Level 1	35531.79
118	Beam	14770.22
119	Slab Band	12779.11
120	Slab @ Level 1 Upper	28700.58
121	Conc Beam	5134.12
122	Slab @ Level 1 Mezzanine	25449.46
123	Slab @ Level 2	63811.34
124	Conc Beam	2105.83
125	Slab @ Level 3	63869.94
126	Slab Band	1452.16
127	Slab @ Level 4	59397.15
128	Parapet Wall	7624.85

Rebar Estimation
Cover Sheet

Estimator:

Revision No:

Bid Date: 5th Dec 2018

Bid Type: Lump Sum

No.	Description	Amount
129	Conc Beam	7199.59
130	Slab Band	799.16
131	Slab @ Level 5	44629.23
132	Conc Beam	653.00
133	Slab Band	799.16
134	Slab @ Level 6	44629.23
135	Conc Beam	653.00
136	Slab Band	799.16
137	Slab @ Level 7	49272.29
138	Conc Beam	3599.79
139	Slab Band	799.16
140	Slab @ Level 8	36173.97
141	Conc Beam	7722.39
142	Parapet Wall	8064.93
143	Elevator Roof	1091.53
144	Parking Level Columns Dowels	3136.49
145	Parking Level Columns	43695.69
146	Columns Dowels	4350.61
147	Columns @ Lvl 1 - Lvl 8	94375.41
148	Parking Level Wall Dowels	15214.05
149	Parking Level Wall	189213.35
150	Concrete Wall	157805.72
151	Cmu Wall Dowels @ Parking Level	487.52
152	Cmu Wall @ Parking Level	1870.66
153	Cmu Wall @ Lvl 1 - Lvl 1 Upper	575.27
154	Staircase @ Parking	5824.51
155	Staircase @ Lvl 1-Lvl 8	8539.01
	Total Weight in "Lbs"	1428247.113
	Total Weight in "Tons"	714.12

Assumptions:

Inclusion: Pad footing, Continuous footing, SOG, Slab & Slab Additional, Slab Band , Beam , Concrete Walls , Column , Cmu Walls & Stair

Exclusion: 1) All Site Elements
 2) All Precast structures
 3) All Accessories
 4) All Stud Rails & Plates

Note: 1) All Bars shall conform to CSA G30.18 400 Mpa.
 2) For all 10M bars we have used 19'-8" Stock length
 For all 15M & Abovebars we have used 29'-6" Stock length

ESTIMATED WEIGHT SUMMARY

East 4th Avenue Office Building

Project No:

KRS-027

Bid Date:

5th Dec 2018

A. Estimated Weight Summary By Element

*** Estimation Summary Element Wise Breakout***
S-100 & S-150 (Level P4 Plan)

Pad Footing

CODE	100
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	2188.14			2188.14
20		7341.08	10923.63	18264.70
Grand Total	2188.14	7341.08	10923.63	20452.84

Strip Footing

CODE	101
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
15	5382.86			5382.86
20		5110.88	1838.25	6949.12
25			9340.14	9340.14
Grand Total	5382.86	5110.88	11178.39	21672.12

Slab On Grade

CODE	102
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	SL	ST		Grand Total
15	48816.01	8312.65		57128.66
Grand Total	48816.01	8312.65		57128.66

Upstand Beam

CODE	103
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	ST		Grand Total
15	396.11	118.76		514.88
20		133.10		133.10
Grand Total	396.11	251.87		647.98

S-101 & S151 (Level P3 Plan)

Slab

CODE	104
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	SL	ST		Grand Total
15	48940.38	11517.02		60457.41
Grand Total	48940.38	11517.02		60457.41

ESTIMATED WEIGHT SUMMARY

East 4th Avenue Office Building

Project No:

KRS-027

Bid Date:

5th Dec 2018

Upstand Beam

CODE	105
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	ST	Grand Total
15	396.11	118.76	514.88
20		133.10	133.10
Grand Total	396.11	251.87	647.98

Slab Band

CODE	106
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	5944.29			5944.29
20		2973.60	1095.17	4068.77
25		17042.74	2787.29	19830.03
Grand Total	5944.29	20016.34	3882.46	29843.08

S-102& S152 (Level P2 Plan)

Slab

CODE	107
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	147.76	48940.38	11576.03	60664.18
Grand Total	147.76	48940.38	11576.03	60664.18

Upstand Beam

CODE	108
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	ST	Grand Total
15	396.11	118.76	514.88
20		133.10	133.10
Grand Total	396.11	251.87	647.98

Slab Band

CODE	109
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	6169.00			6169.00
20		2973.60	1095.17	4068.77
25		16474.26	2787.29	19261.55
Grand Total	6169.00	19447.86	3882.46	29499.32

S-103 & S153 (Level P1 Plan)

Slab

CODE	110
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	424.82	24258.99	13965.13	38648.93
Grand Total	424.82	24258.99	13965.13	38648.93

ESTIMATED WEIGHT SUMMARY

East 4th Avenue Office Building

Project No:

KRS-027

Bid Date:

5th Dec 2018

Beam

CODE	111
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	LB	ST	Grand Total
10		92.20		92.20
15	480.40		216.31	696.72
20			629.85	629.85
Grand Total	480.40	92.20	846.16	1418.77

Slab Band

CODE	112
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	2748.72			2748.72
20		1486.80	719.31	2206.11
25		8056.57	5731.67	13788.23
Grand Total	2748.72	9543.37	6450.97	18743.06

S-104 & S154 (Base Surface Slab)

Slab

CODE	113
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	SL	ST	Grand Total
20	18677.93	6415.85	25093.78
Grand Total	18677.93	6415.85	25093.78

Beam

CODE	114
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	SL	ST	Grand Total
10		1099.10			1099.10
15	187.46		621.86	150.66	959.98
20			975.71	543.63	1519.34
25			1394.41	149.46	1543.87
Grand Total	187.46	1099.10	2991.98	843.75	5122.29

Slab Band

CODE	115
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	893.31			893.31
20			320.45	320.45
25		1549.34	2033.36	3582.70
Grand Total	893.31	1549.34	2353.81	4796.46

Stair Case

CODE	116
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	ST	Grand Total
15	134.72	27.12	161.84
Grand Total	134.72	27.12	161.84

ESTIMATED WEIGHT SUMMARY

East 4th Avenue Office Building

Project No:

KRS-027

Bid Date:

5th Dec 2018

S-105 & S155 (Level 1 Plan)

Slab

CODE	117
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
10			216.96	216.96
15	2090.84	25247.52	6401.01	33739.37
20	1335.98	92.93	146.54	1575.45
Grand Total	3426.82	25340.44	6764.52	35531.79

Beam

CODE	118
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	3239.34			3239.34
15		1119.35	1577.14	2696.49
20		1672.65	1424.83	3097.48
25		1936.68	3800.23	5736.91
Grand Total	3239.34	4728.67	6802.20	14770.22

Slab Band

CODE	119
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	3032.99			3032.99
20		2230.20	481.61	2711.81
25		4957.89	2076.43	7034.32
Grand Total	3032.99	7188.09	2558.04	12779.11

S-106 & S156 (Level 1 Upper Plan)

Slab

CODE	120
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	2230.20	16075.08	10395.30	28700.58
Grand Total	2230.20	16075.08	10395.30	28700.58

Conc Beam

CODE	121
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	1327.41			1327.41
15		621.86	231.88	853.74
20		2787.75	165.22	2952.97
Grand Total	1327.41	3409.61	397.10	5134.12

ESTIMATED WEIGHT SUMMARY

East 4th Avenue Office Building

Project No:

KRS-027

Bid Date:

5th Dec 2018

S-107 & S157 (Level 1 Mezzanine Plan)

Slab

CODE	122
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
15	1018.16	14751.81	9679.49	25449.46
Grand Total	1018.16	14751.81	9679.49	25449.46

S-108 & S158 (Level 2 Plan)

Slab

CODE	123
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	SL	ST	Grand Total
15	15683.52	613.43	27201.63	20312.76	63811.34
Grand Total	15683.52	613.43	27201.63	20312.76	63811.34

Conc Beam

CODE	124
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	ST	Grand Total	
10	593.12		593.12	
15		523.30	523.30	
20		989.41	989.41	
Grand Total	593.12	1512.71	2105.83	

S-109 & S159 (Level 3 Plan)

Slab

CODE	125
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	SL	ST	Grand Total
15	15683.52	233.99	27201.63	20750.80	63869.94
Grand Total	15683.52	233.99	27201.63	20750.80	63869.94

Slab Band

CODE	126
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	315.76			315.76
15			229.15	229.15
20		557.55	349.71	907.26
Grand Total	315.76	557.55	578.85	1452.16

S-110 & S160 (Level 4 Plan)

Slab

CODE	127
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	10008.36	32274.53	17114.25	59397.15
Grand Total	10008.36	32274.53	17114.25	59397.15

ESTIMATED WEIGHT SUMMARY

East 4th Avenue Office Building

Project No:

KRS-027

Bid Date:

5th Dec 2018

Parapet Wall

CODE	128
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	2187.79	5223.62	213.44	7624.85
Grand Total	2187.79	5223.62	213.44	7624.85

Conc Beam

CODE	129
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	1266.54			1266.54
15		746.23	589.62	1335.85
20		2787.75	1809.45	4597.20
Grand Total	1266.54	3533.98	2399.06	7199.59

Slab Band

CODE	130
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	148.72			148.72
20		557.55	92.89	650.44
Grand Total	148.72	557.55	92.89	799.16

S-111 & S161 (Level 5 Plan)

Slab

CODE	131
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	10160.14	24625.66	9843.43	44629.23
Grand Total	10160.14	24625.66	9843.43	44629.23

Conc Beam

CODE	132
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	LB	ST	Grand Total
10	167.04		167.04
15		229.15	229.15
20		256.81	256.81
Grand Total	167.04	485.96	653.00

Slab Band

CODE	133
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	148.72			148.72
20		557.55	92.89	650.44
Grand Total	148.72	557.55	92.89	799.16

ESTIMATED WEIGHT SUMMARY

East 4th Avenue Office Building

Project No:

KRS-027

Bid Date:

5th Dec 2018

S-112 & S162 (Level 6 Plan)

Slab

CODE	134
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	10160.14	24625.66	9843.43	44629.23
Grand Total	10160.14	24625.66	9843.43	44629.23

Conc Beam

CODE	135
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	LB	ST	Grand Total
10	167.04		167.04
15		229.15	229.15
20		256.81	256.81
Grand Total	167.04	485.96	653.00

Slab Band

CODE	136
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	148.72			148.72
20		557.55	92.89	650.44
Grand Total	148.72	557.55	92.89	799.16

S-113 & S163 (Level 7 Plan)

Slab

CODE	137
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	14724.46	24625.66	9922.17	49272.29
Grand Total	14724.46	24625.66	9922.17	49272.29

Conc Beam

CODE	138
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	LB	ST	Grand Total
10	617.83		617.83
15		1044.56	1044.56
20		1937.40	1937.40
Grand Total	617.83	2981.96	3599.79

Slab Band

CODE	139
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	148.72			148.72
20		557.55	92.89	650.44
Grand Total	148.72	557.55	92.89	799.16

ESTIMATED WEIGHT SUMMARY

East 4th Avenue Office Building

Project No:

KRS-027

Bid Date:

5th Dec 2018

S-114 & S164 (Level 8 Plan)

Slab

CODE	140
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	2529.60	21028.51	12615.86	36173.97
Grand Total	2529.60	21028.51	12615.86	36173.97

Conc Beam

CODE	141
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	SL	ST	Grand Total
10	1133.83			1133.83
15		746.23	1256.61	2002.85
20		1858.50	2727.21	4585.71
Grand Total	1133.83	2604.73	3983.83	7722.39

Parapet Wall

CODE	142
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	2474.66	5030.72	559.55	8064.93
Grand Total	2474.66	5030.72	559.55	8064.93

Elevator Roof

CODE	143
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	ST	Grand Total	
15	569.16	522.37	1091.53	
Grand Total	569.16	522.37	1091.53	

S100 (Concrete Column) - Parking Levels

Parking Level Columns Dowels

CODE	144
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	ST	Grand Total	
20	2010.49	75.60	2086.09	
25	1050.40		1050.40	
Grand Total	3060.89	75.60	3136.49	

Parking Level Columns

CODE	145
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	LB	ST	Grand Total	
10	17053.70		17053.70	
20		16371.18	16371.18	
25		10270.81	10270.81	
Grand Total	17053.70	26641.99	43695.69	

ESTIMATED WEIGHT SUMMARY

East 4th Avenue Office Building

Project No:

KRS-027

Bid Date:

5th Dec 2018

S100 (Concrete Column) - Above Level-1 to Roof

Columns Dowels

CODE	146
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	ST	Grand Total
20	407.61	529.20	936.81
25	3413.80		3413.80
Grand Total	3821.41	529.20	4350.61

Columns

CODE	147
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	LB	ST	Grand Total
10	43660.37		43660.37
20		16632.50	16632.50
25		34082.54	34082.54
Grand Total	43660.37	50715.04	94375.41

S250 to S253 (Wall Elevation) - Parking Levels

Parking Level Wall Dowels

CODE	148
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	Grand Total	
15	504.34	504.34	
20	14709.71	14709.71	
Grand Total	15214.05	15214.05	

Parking Level Wall

CODE	149
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	SL	ST	Grand Total
10		367.11			367.11
15			39813.52	17632.51	57446.04
20	730.80		6535.90	124133.51	131400.21
Grand Total	730.80	367.11	46349.43	141766.02	189213.35

S250 to S253 (Wall Elevation) - Level 1 - Roof

Concrete Wall

CODE	150
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	SL	ST	Grand Total
10		5307.44			5307.44
15	15302.06		19712.96	51393.95	86408.96
20			6948.93	59140.39	66089.32
Grand Total	15302.06	5307.44	26661.89	110534.34	157805.72

ESTIMATED WEIGHT SUMMARY

East 4th Avenue Office Building

Project No:

KRS-027

Bid Date:

5th Dec 2018

S100 - S103 (Parking Lvl)

Cmu Wall Dowels

CODE	151
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB		Grand Total
15	487.52		487.52
Grand Total	487.52		487.52

Cmu Wall

CODE	152
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
15	14.92	248.74	1606.99	1870.66
Grand Total	14.92	248.74	1606.99	1870.66

S104 - S107 (Level 1)

Cmu Wall

CODE	153
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	SL	ST	Grand Total
15	186.56	388.72	575.27
Grand Total	186.56	388.72	575.27

S100 - S103 (Parking Lvl)

Staircase

CODE	154
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	ST	Grand Total
10		225.98	225.98
15	3514.65	2083.88	5598.53
Grand Total	3514.65	2309.86	5824.51

S104 - S107 (Level 1 - Roof)

Staircase

CODE	155
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	ST	Grand Total
10		277.18	277.18
15	5009.96	3251.87	8261.83
Grand Total	5009.96	3529.05	8539.01

*** Estimation Summary Bar Bending***

B. Estimation Weight Summary By Bend Type

CODE	(All)
------	-------

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	SL	ST	Grand Total
10		95791.01		720.12	96511.12
15	118087.48	7248.44	482685.11	256563.55	864584.58
20	19194.59		67241.95	251779.56	338216.10
25	4464.20		51411.88	73059.22	128935.30
Grand Total	141746.27	103039.45	601338.94	582122.45	1428247.11

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1		Str Sht No : S-100 & S-150 (Level P4 Plan)							
2	100	Pad Footing PF1		14	20	24.66	ST	20M @12" BOT LW	543.80
3	100	(4'-0" Dp)		26	20	12.17	ST	20M @12" BOT SW	498.36
4	100	Grid B / 4-5		14	20	24.66	ST	20M @12" TOP LW	543.80
5	100			26	20	12.17	ST	20M @12" TOP SW	498.36
6	100			21	15	10.59	HB	15M @48" CHAIR BARS	234.44
7	100	Pad Footing PF2		14	20	25.08	ST	20M @12" BOT LW	553.01
8	100	(4'-0" Dp)		26	20	12.5	ST	20M @12" BOT SW	511.88
9	100	Grid A-B / 1-3		14	20	25.08	ST	20M @12" TOP LW	553.01
10	100			26	20	12.5	ST	20M @12" TOP SW	511.88
11	100			28	15	10.59	HB	15M @48" CHAIR BARS	312.59
12	100	Pad Footing PF2		14	20	25.08	ST	20M @12" BOT LW	553.01
13	100	(4'-0" Dp)		26	20	12.5	ST	20M @12" BOT SW	511.88
14	100	Grid A-B / 4-5		14	20	25.08	ST	20M @12" TOP LW	553.01
15	100			26	20	12.5	ST	20M @12" TOP SW	511.88
16	100			28	15	10.59	HB	15M @48" CHAIR BARS	312.59
17	100	Pad Footing PF2		14	20	18.83	ST	20M @12" BOT LW	415.20
18	100	(4'-0" Dp)		20	20	12.5	ST	20M @12" BOT SW	393.75
19	100	Grid A-B / 5-6		14	20	18.83	ST	20M @12" TOP LW	415.20
20	100			20	20	12.5	ST	20M @12" TOP SW	393.75
21	100			20	15	10.59	HB	15M @48" CHAIR BARS	223.28
22	100	Pad Footing PF2		36	20	29.50	SL	20M @12" BOT LW	1672.65
23	100	(4'-0" Dp)		36	20	14.58	ST	20M @12" BOT LW	826.69
24	100	(41'-4" x 35'-6")		43	20	29.50	SL	20M @12" BOT SW	1997.89
25	100			43	20	8.75	ST	20M @12" BOT SW	592.59
26	100			36	20	29.50	SL	20M @12" TOP LW	1672.65
27	100			36	20	15.56	ST	20M @12" TOP LW	882.25
28	100			43	20	29.50	SL	20M @12" TOP SW	1997.89
29	100			43	20	9.75	ST	20M @12" TOP SW	660.32
30	100			99	15	10.59	HB	15M @48" CHAIR BARS	1105.23
31		Strip Footing SF1							
32	101	(4'-0" x 2'-0" Dp)		5	20	6.18	ST	5-20M BOT CONT	48.64
33	101	Grid A / 1		5	20	6.18	ST	5-20M TOP CONT	48.64
34	101			5	15	11.66	LB	15M @8" STIRRUPS	61.45
35	101	Strip Footing SF1	3	5	20	29.50	SL	5-20M BOT CONT	696.94
36	101	(4'-0" x 2'-0" Dp)		5	20	4.00	ST	5-20M BOT CONT	31.50
37	101	Grid A-F / 1	3	5	20	29.50	SL	5-20M TOP CONT	696.94
38	101			5	20	6.00	ST	5-20M TOP CONT	47.25
39	101			89	15	11.66	LB	15M @8" STIRRUPS	1093.78
40	101	Strip Footing SF1		5	20	11.67	ST	5-20M BOT CONT	91.89
41	101	(4'-0" x 2'-0" Dp)		5	20	12.67	ST	5-20M TOP CONT	99.76
42	101	Grid F / 1-2		7	15	11.66	LB	15M @8" STIRRUPS	86.03
43	101	Strip Footing SF1	4	5	20	29.50	SL	5-20M BOT CONT	929.25
44	101	(4'-0" x 2'-0" Dp)		5	20	6.00	ST	5-20M BOT CONT	47.25
45	101	Grid F / 1-7	4	5	20	29.50	SL	5-20M TOP CONT	929.25
46	101			5	20	9.00	ST	5-20M TOP CONT	70.88
47	101			159	15	11.66	LB	15M @8" STIRRUPS	1954.05
48	101	Strip Footing SF1	3	5	20	29.50	SL	5-20M BOT CONT	696.94

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
49	101	(4'-0" x 2'-0" Dp)		5	20	15.58	ST	5-20M BOT CONT	122.69
50	101	Grid F / 1-7	3	5	20	29.50	SL	5-20M TOP CONT	696.94
51	101			5	20	18.50	ST	5-20M TOP CONT	145.69
52	101			92	15	11.66	LB	15M @8" STIRRUPS	1130.65
53	101	Strip Footing SF1		5	20	29.50	SL	5-20M BOT CONT	232.31
54	101	(4'-0" x 2'-0" Dp)		5	20	12.75	ST	5-20M BOT CONT	100.41
55	101	Grid F / 1-7		5	20	29.50	SL	5-20M TOP CONT	232.31
56	101			5	20	13.75	ST	5-20M TOP CONT	108.28
57	101			32	15	11.66	LB	15M @8" STIRRUPS	393.27
58	101	Strip Footing SF1		5	20	20.50	ST	5-20M BOT CONT	161.44
59	101	(4'-0" x 2'-0" Dp)		5	20	20.50	ST	5-20M TOP CONT	161.44
60	101	Grid A / 1-7		22	15	11.66	LB	15M @8" STIRRUPS	270.37
61	101	Strip Footing SF1		5	20	12.33	ST	5-20M BOT CONT	97.10
62	101	(4'-0" x 2'-0" Dp)		5	20	12.33	ST	5-20M TOP CONT	97.10
63	101	Grid A / 1-7		9	15	11.66	LB	15M @8" STIRRUPS	110.61
64	101	Strip Footing SF1		5	20	22.25	ST	5-20M BOT CONT	175.22
65	101	(4'-0" x 2'-0" Dp)		5	20	23.25	ST	5-20M TOP CONT	183.09
66	101	Grid D-F / 4		23	15	11.66	LB	15M @8" STIRRUPS	282.66
67	101	Strip Footing SF2	5	14	25	20.84	ST	25M @6" BOT LW	3830.44
68	101	(7'-0" x 3'-0" Dp)	5	42	25	6.50	ST	25M @6" BOT SW	3584.49
69	101	Strip Footing SF2		7	25	20.66	ST	25M @6" BOT LW	379.81
70	101	(7'-0" x 3'-0" Dp)		8	25	18.25	ST	25M @6" BOT LW	383.40
71	101			39	25	6.50	ST	25M @6" BOT SW	665.69
72	101			42	25	4.50	ST	25M @6" BOT SW	496.31
73		Slab On Grade							
74	102	(8" Thk)	4	4	15	29.50	SL	15M @12" T&B LW	497.49
75	102			4	15	16.16	ST	15M @12" T&B LW	68.14
76	102		3	20	15	29.50	SL	15M @12" T&B LW	1865.58
77	102			20	15	24.58	ST	15M @12" T&B LW	518.15
78	102		4	152	15	29.50	SL	15M @12" T&B LW	18904.54
79	102			152	15	16.16	ST	15M @12" T&B LW	2589.28
80	102		4	22	15	29.50	SL	15M @12" T&B LW	2736.18
81	102			22	15	7.83	ST	15M @12" T&B LW	181.56
82	102		3	22	15	29.50	SL	15M @12" T&B SW	2052.14
83	102			22	15	10.50	ST	15M @12" T&B SW	243.47
84	102		3	104	15	29.50	SL	15M @12" T&B SW	9701.02
85	102			104	15	15.58	ST	15M @12" T&B SW	1707.82
86	102		3	88	15	29.50	SL	15M @12" T&B SW	8208.55
87	102			88	15	3.33	ST	15M @12" T&B SW	308.86
88	102		3	38	15	29.50	SL	15M @12" T&B SW	3544.60
89	102			38	15	15.58	ST	15M @12" T&B SW	624.01
90	102	Ramp Slab		42	15	29.50	SL	15M @12" T&B LW	1305.91
91	102	(12" Thk)		42	15	10.25	ST	15M @12" T&B LW	453.75
92	102			78	15	19.68	ST	15M @12" T&B SW	1617.60
93	103	Upstand Beam		3	20	19.00	ST	3-20M TOP CONT	89.78
94	103	Details 5 / S300		4	15	19.00	ST	15M @8" CONT	80.10
95	103			30	15	8.17	HB	15M @8" U-BARS	258.34
96	103	Upstand Beam		3	20	9.17	ST	3-20M TOP CONT	43.33
97	103	Details 5 / S300		4	15	9.17	ST	15M @8" CONT	38.66
98	103			16	15	8.17	HB	15M @8" U-BARS	137.78
99		Str Sht No : S-101 & S151 (Level P3 Plan)							
100	104	Typical @ Edge Columns	7	24	15	9.00	ST	24-15M 9'-0" @6" BOT CONT	1593.65
101	104		7	18	15	12.00	ST	18-15M 12'-0" @6" BOT CONT	1593.65
102	104	Slab - 10" Thk	4	4	15	29.50	SL	15M @12" T&B LW	497.49
103	104			4	15	16.16	ST	15M @12" T&B LW	68.14

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
104	104	90.18	3	20	15	29.50	SL	15M @12" T&B LW	1865.58
105	104			20	15	10.97	ST	15M @12" T&B LW	231.25
106	104		4	150	15	29.50	SL	15M @12" T&B LW	18655.80
107	104			150	15	16.16	ST	15M @12" T&B LW	2555.21
108	104		4	22	15	29.50	SL	15M @12" T&B LW	2736.18
109	104			22	15	7.83	ST	15M @12" T&B LW	181.56
110	104		3	12	15	29.50	SL	15M @12" T&B SW	1119.35
111	104			12	15	15.58	ST	15M @12" T&B SW	197.06
112	104	@ Opng	3	16	15	29.50	SL	15M @12" T&B SW	1492.46
113	104			16	15	3.16	ST	15M @12" T&B SW	53.32
114	104		3	64	15	29.50	SL	15M @12" T&B SW	5969.86
115	104			64	15	15.58	ST	15M @12" T&B SW	1050.96
116	104	@ Opng	3	36	15	29.50	SL	15M @12" T&B SW	3358.04
117	104			36	15	3.16	ST	15M @12" T&B SW	119.98
118	104		3	74	15	29.50	SL	15M @12" T&B SW	6902.65
119	104			74	15	15.58	ST	15M @12" T&B SW	1215.18
120	104	@ Opng	3	14	15	29.50	SL	15M @12" T&B SW	1305.91
121	104			14	15	3.16	ST	15M @12" T&B SW	46.66
122	104		3	18	15	29.50	SL	15M @12" T&B SW	1679.02
123	104			18	15	15.58	ST	15M @12" T&B SW	295.58
124	104		3	22	15	29.50	SL	15M @12" T&B SW	2052.14
125	104			22	15	10.50	ST	15M @12" T&B SW	243.47
126	104	Ramp Slab		42	15	29.50	SL	15M @12" T&B LW	1305.91
127	104	(12" Thk)		42	15	10.25	ST	15M @12" T&B LW	453.75
128	104			78	15	19.68	ST	15M @12" T&B SW	1617.60
129	105	Upstand Beam		3	20	19.00	ST	3-20M TOP CONT	89.78
130	105	Details 5 / S300		4	15	19.00	ST	15M @8" CONT	80.10
131	105			30	15	8.17	HB	15M @8" U-BARS	258.34
132	105	Upstand Beam		3	20	9.17	ST	3-20M TOP CONT	43.33
133	105	Details 5 / S300		4	15	9.17	ST	15M @8" CONT	38.66
134	105			16	15	8.17	HB	15M @8" U-BARS	137.78
135	106	Slab Band - SB5	3	10	25	29.50	SL	10-25M BOT CONT	2324.01
136	106	(5'-0" x 1'-8" Dp)		10	25	2.83	ST	10-25M BOT CONT	74.32
137	106	Grid 2 / E-F	3	10	25	29.50	SL	10-25M TOP CONT	2324.01
138	106			10	25	5.16	ST	10-25M TOP CONT	135.55
139	106			86	10	21.32	LB	10M @12" TIES	966.27
140	106	Slab Band - SB5	3	10	25	29.50	SL	10-25M BOT CONT	2324.01
141	106	(5'-0" x 1'-8" Dp)		10	25	14.83	ST	10-25M BOT CONT	389.44
142	106	Grid 2-6 / B	3	10	25	29.50	SL	10-25M TOP CONT	2324.01
143	106			10	25	18.32	ST	10-25M TOP CONT	481.08
144	106			85	10	21.32	LB	10M @12" TIES	955.03
145	106	Slab Band - SB2	2	6	20	9.43	ST	6-20M BOT CONT	178.15
146	106	(3'-4" x 1'-8" Dp)	2	6	20	9.43	ST	6-20M TOP CONT	178.15
147	106	Grid 2-6 / B	2	85	10	13.80	LB	10M @12" TIES	1236.34
148	106	Slab Band - SB5	3	10	25	29.50	SL	10-25M BOT CONT	2324.01
149	106	(5'-0" x 1'-8" Dp)		10	25	16.25	ST	10-25M BOT CONT	426.73
150	106		3	10	25	29.50	SL	10-25M TOP CONT	2324.01
151	106			10	25	25.75	ST	10-25M TOP CONT	676.20
152	106			86	10	21.32	LB	10M @12" TIES	966.27
153	106			85	10	15.48	LB	10M @12" TIES	693.43
154	106	Slab Band - SB5		10	25	29.50	SL	10-25M BOT CONT	774.67
155	106	(5'-0" x 1'-8" Dp)		10	25	11.00	ST	10-25M BOT CONT	288.86
156	106		3	10	25	29.50	SL	10-25M TOP CONT	2324.01
157	106			10	25	12.00	ST	10-25M TOP CONT	315.12
158	106			39	10	21.32	LB	10M @12" TIES	438.19

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
159	106	Slab Band - SB4	2	16	20	29.50	SL	16-20M BOT CONT	1486.80
160	106	(5'-0" x 1'-4" Dp)	2	16	20	6.83	ST	16-20M BOT CONT	344.23
161	106		2	16	20	29.50	SL	16-20M TOP CONT	1486.80
162	106		2	16	20	7.83	ST	16-20M TOP CONT	394.63
163	106		2	34	10	19.22	LB	10M @12" TIES	688.77
164		Str Sht No : S-102& S152 (Level P2 Plan)							
165	107	Typical @ Edge Columns	7	24	15	9.00	ST	24-15M 9'-0" @6" BOT CONT	1593.65
166	107		7	18	15	12.00	ST	18-15M 12'-0" @6" BOT CONT	1593.65
167	107	Slab - 10" Thk	4	4	15	29.50	SL	15M @12" T&B LW	497.49
168	107			4	15	16.16	ST	15M @12" T&B LW	68.14
169	107	90.18	3	20	15	29.50	SL	15M @12" T&B LW	1865.58
170	107			20	15	10.97	ST	15M @12" T&B LW	231.25
171	107		4	150	15	29.50	SL	15M @12" T&B LW	18655.80
172	107			150	15	16.16	ST	15M @12" T&B LW	2555.21
173	107		4	22	15	29.50	SL	15M @12" T&B LW	2736.18
174	107			22	15	7.83	ST	15M @12" T&B LW	181.56
175	107		3	12	15	29.50	SL	15M @12" T&B SW	1119.35
176	107			12	15	15.58	ST	15M @12" T&B SW	197.06
177	107	@ Opng	3	16	15	29.50	SL	15M @12" T&B SW	1492.46
178	107			16	15	3.16	ST	15M @12" T&B SW	53.32
179	107		3	64	15	29.50	SL	15M @12" T&B SW	5969.86
180	107			64	15	15.58	ST	15M @12" T&B SW	1050.96
181	107	@ Opng	3	36	15	29.50	SL	15M @12" T&B SW	3358.04
182	107			36	15	3.16	ST	15M @12" T&B SW	119.98
183	107		3	74	15	29.50	SL	15M @12" T&B SW	6902.65
184	107			74	15	15.58	ST	15M @12" T&B SW	1215.18
185	107	@ Opng	3	14	15	29.50	SL	15M @12" T&B SW	1305.91
186	107			14	15	3.16	ST	15M @12" T&B SW	46.66
187	107		3	18	15	29.50	SL	15M @12" T&B SW	1679.02
188	107			18	15	15.58	ST	15M @12" T&B SW	295.58
189	107		3	22	15	29.50	SL	15M @12" T&B SW	2052.14
190	107			22	15	10.50	ST	15M @12" T&B SW	243.47
191	107	Ramp Slab		42	15	29.50	SL	15M @12" T&B LW	1305.91
192	107	(12" Thk)		42	15	10.25	ST	15M @12" T&B LW	453.75
193	107			78	15	19.68	ST	15M @12" T&B SW	1617.60
194	107	Slab Step		16	15	4.51	HB	15M @12" BOT SW	75.99
195	107			16	15	4.26	HB	15M @12" TOP SW	71.77
196	107			4	15	14.00	ST	2-15M T&B CONT	59.01
197	108	Upstand Beam		3	20	19.00	ST	3-20M TOP CONT	89.78
198	108	Details 5 / S300		4	15	19.00	ST	15M @8" CONT	80.10
199	108			30	15	8.17	HB	15M @8" U-BARS	258.34
200	108	Upstand Beam		3	20	9.17	ST	3-20M TOP CONT	43.33
201	108	Details 5 / S300		4	15	9.17	ST	15M @8" CONT	38.66
202	108			16	15	8.17	HB	15M @8" U-BARS	137.78
203	109	Slab Band - SB5	3	10	25	29.50	SL	10-25M BOT CONT	2324.01
204	109	(5'-0" x 1'-8" Dp)		10	25	2.83	ST	10-25M BOT CONT	74.32
205	109	Grid 2 / E-F	3	10	25	29.50	SL	10-25M TOP CONT	2324.01
206	109			10	25	5.16	ST	10-25M TOP CONT	135.55
207	109			86	10	21.32	LB	10M @12" TIES	966.27
208	109	Slab Band - SB5	3	10	25	29.50	SL	10-25M BOT CONT	2324.01
209	109	(5'-0" x 1'-8" Dp)		10	25	14.83	ST	10-25M BOT CONT	389.44
210	109	Grid 2-6 / B	3	10	25	29.50	SL	10-25M TOP CONT	2324.01
211	109			10	25	18.32	ST	10-25M TOP CONT	481.08
212	109			85	10	21.32	LB	10M @12" TIES	955.03
213	109	Slab Band - SB2	2	6	20	9.43	ST	6-20M BOT CONT	178.15

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
214	109	(3'-4" x 1'-8" Dp)	2	6	20	9.43	ST	6-20M TOP CONT	178.15
215	109	Grid 2-6 / B	2	85	10	13.80	LB	10M @12" TIES	1236.34
216	109	Slab Band - SB5	3	10	25	29.50	SL	10-25M BOT CONT	2324.01
217	109	(5'-0" x 1'-8" Dp)		10	25	16.25	ST	10-25M BOT CONT	426.73
218	109		3	10	25	29.50	SL	10-25M TOP CONT	2324.01
219	109			10	25	25.75	ST	10-25M TOP CONT	676.20
220	109			86	10	21.32	LB	10M @12" TIES	966.27
221	109			85	10	15.48	LB	10M @12" TIES	693.43
222	109	Slab Band - SB5		10	25	29.50	SL	10-25M BOT CONT	774.67
223	109	(5'-0" x 1'-8" Dp)		10	25	11.00	ST	10-25M BOT CONT	288.86
224	109			10	25	29.50	SL	10-25M TOP CONT	774.67
225	109			10	25	12.00	ST	10-25M TOP CONT	315.12
226	109			39	10	21.32	LB	10M @12" TIES	438.19
227	109	Slab Band - SB5		10	25	18.68	SL	10-25M BOT CONT	490.43
228	109	(5'-0" x 1'-8" Dp)		10	25	18.68	SL	10-25M TOP CONT	490.43
229	109			20	10	21.32	LB	10M @12" TIES	224.71
230	109	Slab Band - SB4	2	16	20	29.50	SL	16-20M BOT CONT	1486.80
231	109	(5'-0" x 1'-4" Dp)	2	16	20	6.83	ST	16-20M BOT CONT	344.23
232	109		2	16	20	29.50	SL	16-20M TOP CONT	1486.80
233	109		2	16	20	7.83	ST	16-20M TOP CONT	394.63
234	109		2	34	10	19.22	LB	10M @12" TIES	688.77
235		Str Sht No : S-103 & S153 (Level P1 Plan)							
236	110	Typical @ Edge Columns	7	24	15	9.00	ST	24-15M 9'-0" @6" BOT CONT	1593.65
237	110		7	18	15	12.00	ST	18-15M 12'-0" @6" BOT CONT	1593.65
238	110	Slab - 10" Thk		24	15	21.43	ST	15M @12" T&B LW	541.99
239	110		2	22	15	29.50	SL	15M @12" T&B LW	1368.09
240	110			22	15	6.75	ST	15M @12" T&B LW	156.52
241	110		3	50	15	29.50	SL	15M @12" T&B LW	4663.95
242	110			50	15	5.67	ST	15M @12" T&B LW	298.81
243	110		2	10	15	29.50	SL	15M @12" T&B LW	621.86
244	110			10	15	22.16	ST	15M @12" T&B LW	233.59
245	110		2	42	15	29.50	SL	15M @12" T&B LW	2611.81
246	110			42	15	11.42	ST	15M @12" T&B LW	505.32
247	110		2	12	15	29.50	SL	15M @12" T&B LW	746.23
248	110			12	15	5.41	ST	15M @12" T&B LW	68.45
249	110		2	46	15	29.50	SL	15M @12" T&B LW	2860.56
250	110			46	15	23.75	ST	15M @12" T&B LW	1151.50
251	110		2	38	15	29.50	SL	15M @12" T&B SW	2363.07
252	110			38	15	28.83	ST	15M @12" T&B SW	1154.70
253	110		3	44	15	29.50	SL	15M @12" T&B SW	4104.28
254	110			44	15	11.32	ST	15M @12" T&B SW	524.98
255	110		2	50	15	29.50	SL	15M @12" T&B SW	3109.30
256	110			50	15	28.00	ST	15M @12" T&B SW	1475.60
257	110			12	15	21.68	ST	15M @12" T&B SW	274.16
258	110			12	15	29.50	SL	15M @12" T&B SW	373.12
259	110			12	15	18.33	ST	15M @12" T&B SW	231.84
260	110			6	15	3.68	ST	15M @12" T&B SW	23.25
261	110			26	15	21.68	ST	15M @12" T&B SW	594.01
262	110			24	15	26.35	SL	15M @12" T&B SW	666.45
263	110			32	15	22.84	SL	15M @12" T&B SW	770.28
264	110	Ramp Slab		42	15	29.50	ST	15M @12" T&B LW	1305.91
265	110	(12" Thk)		42	15	10.25	ST	15M @12" T&B LW	453.75
266	110			78	15	19.68	ST	15M @12" T&B SW	1617.60
267	110	Slab Step		10	15	4.51	HB	15M @12" BOT SW	47.49
268	110			10	15	4.26	HB	15M @12" TOP SW	44.86

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
269	110			4	15	8.68	ST	2-15M CONT	36.58
270	110	Slab Step		12	15	4.51	HB	15M @12" BOT SW	56.99
271	110			12	15	4.26	HB	15M @12" TOP SW	53.83
272	110			4	15	10.68	ST	2-15M CONT	45.01
273	110	Slab Step		8	15	4.51	HB	15M @12" BOT SW	37.99
274	110			8	15	4.26	HB	15M @12" TOP SW	35.89
275	110			4	15	6.00	ST	2-15M CONT	25.28
276	110	Slab Step		16	15	4.51	HB	15M @12" BOT SW	75.99
277	110			16	15	4.26	HB	15M @12" TOP SW	71.77
278	110			4	15	14.00	ST	2-15M CONT	59.01
279	111	Upstand Beam		3	20	11.68	ST	3-20M TOP CONT	55.17
280	111			2	15	11.68	ST	15M @12" CONT	24.61
281	111			13	15	3.18	HB	15M @8" U-BARS	43.52
282	111	Upstand Beam		3	20	20.00	ST	3-20M TOP CONT	94.48
283	111	Sec 5 / S300		2	15	20.00	ST	15M @12" CONT	42.15
284	111			21	15	7.68	HB	15M @8" U-BARS	169.90
285	111	Upstand Beam		3	20	11.92	ST	3-20M TOP CONT	56.31
286	111	Sec 5 / S300		2	15	11.92	ST	15M @12" CONT	25.12
287	111			21	15	7.68	HB	15M @8" U-BARS	169.90
288	111	Upstand Beam		3	20	13.00	ST	3-20M TOP CONT	61.42
289	111	Sec 5 / S300		2	15	13.00	ST	15M @12" CONT	27.40
290	111			12	15	7.68	HB	15M @8" U-BARS	97.09
291	111	Conc Beam CB1		5	20	12.18	ST	5-20M BOT CONT	95.89
292	111	(10" x 2'-7" Dp)		5	20	12.18	ST	5-20M TOP CONT	95.89
293	111			4	15	12.18	ST	15M @12" HOR EF	51.33
294	111			14	10	6.48	LB	10M @12" TIES	47.81
295	111	Conc Beam CB1		5	20	10.84	ST	5-20M BOT CONT	85.35
296	111	(10" x 2'-7" Dp)		5	20	10.84	ST	5-20M TOP CONT	85.35
297	111			4	15	10.84	ST	15M @12" HOR EF	45.69
298	111			13	10	6.48	LB	10M @12" TIES	44.39
299	112	Slab Band - SB6		10	25	29.50	SL	10-25M BOT CONT	774.67
300	112	(5'-0" x 2'-1" Dp)		10	25	23.16	ST	10-25M BOT CONT	608.18
301	112			10	25	29.50	SL	10-25M TOP CONT	774.67
302	112			10	25	24.25	ST	10-25M TOP CONT	636.81
303	112			39	10	21.32	LB	10M @12" TIES	438.19
304	112	Slab Band - SB8		16	25	29.50	SL	16-25M BOT CONT	1239.47
305	112	(5'-0" x 1'-8" Dp)		16	25	23.16	ST	16-25M BOT CONT	973.09
306	112			16	25	29.50	SL	16-25M TOP CONT	1239.47
307	112			16	25	24.25	ST	16-25M TOP CONT	1018.89
308	112			51	10	25.48	LB	10M @12" TIES	684.83
309	112	Slab Band - SB8		16	25	29.50	SL	16-25M BOT CONT	1239.47
310	112	(5'-0" x 1'-8" Dp)		16	25	22.00	ST	16-25M BOT CONT	924.35
311	112			16	25	29.50	SL	16-25M TOP CONT	1239.47
312	112			16	25	23.00	ST	16-25M TOP CONT	966.37
313	112			50	10	25.48	LB	10M @12" TIES	671.40
314	112	Slab Band - SB3	2	6	20	9.26	ST	6-20M BOT CONT	174.94
315	112	(3'-0" x 2'-1" Dp)	2	6	20	9.26	ST	6-20M TOP CONT	174.94
316	112		2	11	10	14.81	LB	10M @12" TIES	171.73
317	112	Slab Band - SB5		10	25	29.50	SL	10-25M BOT CONT	774.67
318	112	(5'-0" x 1'-8" Dp)		10	25	11.00	ST	10-25M BOT CONT	288.86
319	112			10	25	29.50	SL	10-25M TOP CONT	774.67
320	112			10	25	12.00	ST	10-25M TOP CONT	315.12
321	112			39	10	21.32	LB	10M @12" TIES	438.19
322	112	Slab Band - SB4		16	20	29.50	SL	16-20M BOT CONT	743.40
323	112	(5'-0" x 1'-4" Dp)		16	20	6.83	ST	16-20M BOT CONT	172.12

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
324	112			16	20	29.50	SL	16-20M TOP CONT	743.40
325	112			16	20	7.83	ST	16-20M TOP CONT	197.32
326	112			34	10	19.22	LB	10M @12" TIES	344.38
327		Str Sht No : S-104 & S154 (Base Surface Slab)							
328	113	Slab - 10" Thk	2	44	20	29.50	SL	20M @12" T&B LW	4088.70
329	113			44	20	4.50	ST	20M @12" T&B LW	311.85
330	113			46	20	29.50	SL	20M @12" T&B LW	2137.28
331	113			46	20	5.50	ST	20M @12" T&B LW	398.48
332	113			52	20	29.50	SL	20M @12" T&B LW	2416.05
333	113			52	20	16.25	ST	20M @12" T&B LW	1330.88
334	113			10	20	7.35	ST	20M @12" T&B LW	115.70
335	113		2	36	20	29.50	SL	20M @12" T&B LW	3345.30
336	113			36	20	6.25	ST	20M @12" T&B LW	354.38
337	113			24	20	29.50	SL	20M @12" T&B LW	1115.10
338	113			24	20	15.25	ST	20M @12" T&B LW	576.45
339	113			3	20	9.35	ST	20M @12" T&B SW	44.16
340	113			23	20	20.35	ST	20M @12" T&B SW	737.03
341	113			9	20	29.50	SL	20M @12" T&B SW	418.16
342	113			9	20	6.67	ST	20M @12" T&B SW	94.55
343	113		3	12	20	29.50	SL	20M @12" T&B SW	1672.65
344	113			12	20	13.32	ST	20M @12" T&B SW	251.75
345	113		2	18	20	29.50	SL	20M @12" T&B SW	1672.65
346	113			18	20	29.25	ST	20M @12" T&B SW	829.24
347	113		2	15	20	29.50	SL	20M @12" T&B SW	1393.88
348	113			15	20	24.50	ST	20M @12" T&B SW	578.81
349	113			10	20	27.35	ST	20M @12" T&B SW	430.70
350	113			9	20	29.50	SL	20M @12" T&B SW	418.16
351	113			9	20	4.16	ST	20M @12" T&B SW	59.00
352	113			2	20	21.68	ST	20M @12" T&B SW	68.28
353	113	PMT PAD		14	20	5.32	ST	20M @12" T&B SW	117.31
354	113			14	20	5.32	ST	20M @12" T&B SW	117.31
355	114	Upstand Beam		3	20	9.35	ST	3-20M TOP CONT	44.16
356	114			2	15	9.35	ST	15M @12" CONT	19.70
357	114			11	15	3.18	HB	15M @8" U-BARS	36.82
358	114	Downstand Beam		3	20	29.50	SL	3-20M TOP CONT	139.39
359	114			3	20	17.25	ST	3-20M TOP CONT	81.51
360	114			2	15	29.50	SL	15M @12" CONT	62.19
361	114			2	15	15.16	ST	15M @12" CONT	31.96
362	114			45	15	3.18	HB	15M @8" U-BARS	150.64
363	114	Conc Beam CB13		5	20	29.50	SL	5-20M BOT CONT	232.31
364	114	(1'-8" x 4'-0" Dp)		5	20	13.00	ST	5-20M BOT CONT	102.38
365	114	Grid B / 1-4		5	20	29.50	SL	5-20M TOP CONT	232.31
366	114			5	20	13.00	ST	5-20M TOP CONT	102.38
367	114			4	15	29.50	SL	15M @12" HOR EF	124.37
368	114			4	15	12.42	ST	15M @12" HOR EF	52.34
369	114			42	10	20.82	LB	10M @12" TIES	460.83
370	114	Conc Beam CB8		4	20	29.50	SL	4-20M BOT CONT	185.85
371	114	(1'-8" x 4'-0" Dp)		4	20	3.16	ST	4-20M BOT CONT	19.92
372	114	Grid B / 1-4		4	20	29.50	SL	4-20M TOP CONT	185.85
373	114			4	20	3.16	ST	5-20M TOP CONT	19.92
374	114			6	15	29.50	SL	15M @12" HOR EF	186.56
375	114			6	15	3.16	ST	15M @12" HOR EF	20.00
376	114			33	10	13.31	LB	10M @12" TIES	231.44
377	114	Conc Beam CB14		12	25	29.50	SL	6-25M BOT CONT (2 Ltrs)	929.60
378	114	(2'-0" x 3'-0" Dp)		12	25	3.16	ST	6-25M BOT CONT (2 Ltrs)	99.64

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
379	114	Grid B / 1-4		6	25	29.50	SL	6-25M TOP CONT	464.80
380	114			6	25	3.16	ST	5-20M TOP CONT	49.82
381	114			8	15	29.50	SL	15M @12" HOR EF	248.74
382	114			8	15	3.16	ST	15M @12" HOR EF	26.66
383	114			33	10	17.16	LB	10M @12" TIES	298.43
384	114	Conc Beam		3	20	18.35	ST	3-20M BOT CONT	86.68
385	114	Sec 2 / S604		3	20	18.35	ST	3-20M TOP CONT	86.68
386	114		18.673	10	10	4.16	LB	10M @12" STIRRUPS	21.92
387	114			5	10	13.50	LB	10M @12" STIRRUPS	35.57
388	114			10	10	9.66	LB	10M @12" STIRRUPS	50.91
389	115	Slab Band @ Stair		4	20	20.35	ST	4-20M BOT CONT	128.18
390	115	Sec 1 / S605		4	20	20.35	ST	4-20M TOP CONT	128.18
391	115		20.67	2	20	20.35	ST	2-20M TOP CONT	64.09
392	115			22	10	12.12	LB	10M @8" STIRRUPS	140.52
393	115	Slab Band - SB5		10	25	23.68	ST	10-25M BOT CONT	621.73
394	115	(5'-0" x 1'-8" Dp)		10	25	23.68	ST	10-25M TOP CONT	621.73
395	115			25	10	21.32	LB	10M @12" TIES	280.89
396	115	Slab Band - SB5		10	25	29.50	SL	10-25M BOT CONT	774.67
397	115	(5'-0" x 1'-8" Dp)		10	25	14.50	ST	10-25M BOT CONT	380.77
398	115			10	25	29.50	SL	10-25M TOP CONT	774.67
399	115			10	25	15.58	ST	10-25M TOP CONT	409.13
400	115			42	10	21.32	LB	10M @12" TIES	471.90
401	116	Stair Case On Slab	2	7	15	4.67	HB	15M @8" DWLS	68.91
402	116			7	15	8.92	HB	15M @8" BOT LW	65.81
403	116			7	15	3.68	ST	15M @16" BOT SW	27.12
404		Str Sht No : S-105 & S155 (Level 1 Plan)							
405	117	Slab - 10" Thk	3	16	15	29.50	SL	15M @12" T&B LW	1492.46
406	117			16	15	16.32	ST	15M @12" T&B LW	275.22
407	117			6	15	4.26	ST	15M @12" T&B LW	26.91
408	117		3	24	15	29.50	SL	15M @12" T&B LW	2238.70
409	117			24	15	1.75	ST	15M @12" T&B LW	44.27
410	117		3	46	15	29.50	SL	15M @12" T&B LW	4290.83
411	117			46	15	16.30	ST	15M @12" T&B LW	790.29
412	117		3	8	15	29.50	SL	15M @12" T&B LW	746.23
413	117			8	15	2.83	ST	15M @12" T&B LW	23.86
414	117		3	36	15	29.50	SL	15M @12" T&B LW	3358.04
415	117			36	15	1.83	ST	15M @12" T&B LW	69.44
416	117		2	22	15	29.50	SL	15M @12" T&B LW	1368.09
417	117			22	15	23.32	ST	15M @12" T&B LW	540.74
418	117			10	15	14.00	ST	15M @12" T&B LW	147.52
419	117			26	15	29.50	SL	15M @12" T&B LW	808.42
420	117			26	15	6.82	ST	15M @12" T&B LW	186.90
421	117		2	70	15	29.50	SL	15M @12" T&B SW	4353.02
422	117			70	15	27.00	ST	15M @12" T&B SW	1992.06
423	117		2	46	15	29.50	SL	15M @12" T&B SW	2860.56
424	117			46	15	15.25	ST	15M @12" T&B SW	739.38
425	117		2	28	15	29.50	SL	15M @12" T&B SW	1741.21
426	117			28	15	18.75	ST	15M @12" T&B SW	553.35
427	117		2	14	15	29.50	SL	15M @12" T&B SW	870.60
428	117			14	15	15.25	ST	15M @12" T&B SW	225.03
429	117		2	18	15	29.50	SL	15M @12" T&B SW	1119.35
430	117			18	15	2.25	ST	15M @12" T&B SW	42.69
431	117			4	15	23.68	ST	15M @12" T&B SW	99.82
432	117			20	15	21.43	ST	15M @12" T&B SW	451.66
433	117			16	15	6.00	ST	15M @12" T&B SW	101.12

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
434	117			12	15	7.18	ST	15M @12" T&B SW	90.76
435	117	Slab On Grade -6" Thk		6	10	9.00	ST	10M @12" BOT LW	28.45
436	117			10	10	4.35	ST	10M @12" BOT LW	22.90
437	117	Slab On Grade -6" Thk		12	10	13.26	ST	10M @12" BOT LW	83.83
438	117			15	10	10.35	ST	10M @12" BOT LW	81.79
439	117	Slab Addis		34	15	6.00	HB	15M @6" 6'-0" DWLS	215.02
440	117			24	15	27.08	HB	24-15M @6" BOT	684.89
441	117			12	15	28.66	HB	12-15M @6" BOT	362.49
442	117			44	15	6.00	HB	15M @6" 6'-0" DWLS	278.26
443	117			87	15	6.00	HB	15M @6" 6'-0" DWLS	550.19
444	117	Slab Step		2	20	11.35	ST	1-20M CONT	35.74
445	117	Details S500		13	20	4.75	HB	20M @12" BEND	97.26
446	117			13	20	3.50	HB	20M @12" BEND	71.66
447	117	Slab Step		2	20	18.68	ST	1-20M CONT	58.83
448	117	Details S500		20	20	7.33	HB	20M @12" BEND	230.83
449	117			20	20	4.25	HB	20M @12" BEND	133.88
450	117	Slab Step		2	20	29.50	SL	1-20M CONT	92.93
451	117	Details S500		2	20	16.50	ST	1-20M CONT	51.98
452	117			44	20	7.33	HB	20M @12" BEND	507.83
453	117			44	20	4.25	HB	20M @12" BEND	294.53
454	118	Conc Beam CB17 & CB18	2	10	25	29.50	SL	5-25M BOT CONT	1549.34
455	118	(1'-11" x 3'-6" Dp)		10	25	14.83	ST	5-25M BOT CONT	389.44
456	118	Grid A-F / 7		5	25	29.50	SL	5-25M TOP CONT	387.34
457	118			5	25	17.00	ST	5-25M TOP CONT	223.21
458	118			8	15	29.50	SL	15M @12" HOR EF	248.74
459	118			8	15	11.00	ST	15M @12" HOR EF	92.75
460	118			69	10	19.48	LB	10M @12" TIES	708.50
461	118	Conc Beam CB14	2	6	25	20.68	ST	6-25M BOT CONT	651.54
462	118	(2'-0" x 3'-0" Dp)	2	6	25	20.68	ST	6-25M TOP CONT	651.54
463	118	Grid 4 / D-F	2	8	15	20.68	ST	15M @12" HOR EF	348.68
464	118		2	22	10	17.16	LB	10M @12" TIES	397.91
465	118	Conc Beam CB6		3	20	29.50	SL	3-20M BOT CONT	139.39
466	118	(1'-0" x 2'-10" Dp)		3	20	15.25	ST	3-20M BOT CONT	72.06
467	118			3	20	29.50	SL	3-20M TOP CONT	139.39
468	118			3	20	16.00	ST	3-20M TOP CONT	75.60
469	118			4	15	29.50	SL	15M @12" HOR EF	124.37
470	118			4	15	14.67	ST	15M @12" HOR EF	61.85
471	118			44	10	6.48	LB	10M @12" TIES	150.26
472	118	Conc Beam CB12		5	20	13.68	ST	5-20M BOT CONT	107.70
473	118	(1'-8" x 3'-6" Dp)		5	20	13.68	ST	5-20M TOP CONT	107.70
474	118	Grid 4 / D-F		8	15	13.68	ST	15M @12" HOR EF	115.32
475	118			15	10	17.16	LB	10M @12" TIES	135.65
476	118	Conc Beam CB9	2	5	20	29.50	SL	5-20M BOT CONT	464.63
477	118	(1'-8" x 3'-0" Dp)		5	20	8.58	ST	5-20M BOT CONT	67.57
478	118	Grid 3-7 / B-C	2	5	20	29.50	SL	5-20M TOP CONT	464.63
479	118			5	20	9.83	ST	5-20M TOP CONT	77.41
480	118	63'-9"	2	8	15	29.50	SL	15M @12" HOR EF	497.49
481	118			8	15	7.58	ST	15M @12" HOR EF	63.91
482	118			65	10	17.16	LB	10M @12" TIES	587.82
483	118	Conc Beam CB9		5	20	27.00	ST	5-20M BOT CONT	212.59
484	118	Grid 3-4 / B-C		5	20	27.00	ST	5-20M TOP CONT	212.59
485	118			8	15	27.00	ST	15M @12" HOR EF	227.63
486	118			28	10	17.16	LB	10M @12" TIES	253.21
487	118	Conc Beam CB9		5	20	29.50	SL	5-20M BOT CONT	232.31
488	118	Grid 5 / B-D		5	20	16.32	ST	5-20M BOT CONT	128.52

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
489	118			5	20	29.50	SL	5-20M TOP CONT	232.31
490	118			5	20	17.00	ST	5-20M TOP CONT	133.88
491	118			8	15	29.50	SL	15M @12" HOR EF	248.74
492	118			8	15	15.83	ST	15M @12" HOR EF	133.48
493	118			46	10	17.16	LB	10M @12" TIES	415.99
494	118	Conc Beam CB15		8	25	25.18	ST	8-25M BOT CONT	528.90
495	118	(1'-8" x 3'-6" Dp)		8	25	25.18	ST	8-25M TOP CONT	528.90
496	118	Grid 4-5 / C		8	25	12.00	ST	8-25M TOP CONT (2nd Lyr)	252.10
497	118			8	25	6.00	ST	8-25M TOP CONT (2nd Lyr)	126.05
498	118			6	15	25.18	ST	15M @12" HOR EF	159.21
499	118			27	10	21.16	LB	10M @12" TIES	301.09
500	118	Conc Beam CB15		8	25	10.68	ST	8-25M BOT CONT	224.28
501	118	(1'-8" x 3'-6" Dp)		8	25	10.68	ST	8-25M TOP CONT	224.28
502	118	Grid 3-4 / C		6	15	10.68	ST	15M @12" HOR EF	67.52
503	118			12	10	21.16	LB	10M @12" TIES	133.82
504	118	Conc Beam CB19		3	20	24.26	ST	3-20M BOT CONT	114.61
505	118	(1'-0" x 4'-10" Dp)		3	20	24.26	ST	3-20M TOP CONT	114.61
506	118	Grid A-B / 5-6		12	15	24.26	ST	15M @12" HOR EF	306.79
507	118			26	10	11.32	LB	10M @12" TIES	155.11
508	119	Slab Band SB7	2	12	20	29.50	SL	12-20M BOT CONT	1115.10
509	119	(5'-0" x 2'-0" Dp)		12	20	12.16	ST	12-20M BOT CONT	229.86
510	119		2	12	20	29.50	SL	12-20M BOT CONT	1115.10
511	119			12	20	13.32	ST	12-20M BOT CONT	251.75
512	119			69	10	31.64	LB	10M @12" TIES	1150.53
513	119	Slab Band SB9	2	16	25	29.50	SL	12-20M BOT CONT	2478.94
514	119	(5'-0" x 2'-0" Dp)		16	25	23.67	ST	12-20M BOT CONT	994.52
515	119		2	16	25	29.50	SL	12-20M TOP CONT	2478.94
516	119			16	25	25.75	ST	12-20M TOP CONT	1081.91
517	119			77	10	46.39	LB	10M @12" TIES	1882.46
518		Str Sht No : S-106 & S156 (Level 1 Upper Plan)							
519	120	Slab - 10" Thk		8	15	19.68	ST	15M @12" T&B LW	165.91
520	120			18	15	29.50	SL	15M @12" T&B LW	559.67
521	120			18	15	4.00	ST	15M @12" T&B LW	75.89
522	120			24	15	5.25	ST	15M @12" T&B LW	132.80
523	120			16	15	29.50	SL	15M @12" T&B LW	497.49
524	120			16	15	17.62	ST	15M @12" T&B LW	297.14
525	120			14	15	29.50	SL	15M @12" T&B LW	435.30
526	120			14	15	23.42	ST	15M @12" T&B LW	345.51
527	120			26	15	29.50	SL	15M @12" T&B LW	808.42
528	120			26	15	19.83	ST	15M @12" T&B LW	543.42
529	120			20	15	29.50	SL	15M @12" T&B LW	621.86
530	120			20	15	22.83	ST	15M @12" T&B LW	481.26
531	120			8	15	7.51	ST	15M @12" T&B LW	63.29
532	120			32	15	29.50	SL	15M @12" T&B LW	994.98
533	120			32	15	10.83	ST	15M @12" T&B LW	365.27
534	120			44	15	29.50	SL	15M @12" T&B LW	1368.09
535	120			44	15	11.83	ST	15M @12" T&B LW	548.63
536	120			28	15	10.68	ST	15M @12" T&B SW	315.07
537	120			10	15	6.68	ST	15M @12" T&B SW	70.37
538	120			10	15	11.84	ST	15M @12" T&B SW	124.77
539	120			10	15	29.50	ST	15M @12" T&B SW	310.93
540	120			10	15	3.67	ST	15M @12" T&B SW	38.68
541	120			2	15	29.50	SL	15M @12" T&B SW	62.19
542	120			2	15	22.67	ST	15M @12" T&B SW	47.79
543	120			10	15	29.50	SL	15M @12" T&B SW	310.93

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
544	120			10	15	19.42	ST	15M @12" T&B SW	204.63
545	120			2	15	20.00	ST	15M @12" T&B SW	42.16
546	120			2	15	29.50	SL	15M @12" T&B SW	62.19
547	120			2	15	27.50	ST	15M @12" T&B SW	57.97
548	120		2	24	15	29.50	SL	15M @12" T&B SW	1492.46
549	120			24	15	24.83	ST	15M @12" T&B SW	628.10
550	120		2	46	15	29.50	SL	15M @12" T&B SW	2860.56
551	120			46	15	16.42	ST	15M @12" T&B SW	795.86
552	120		2	14	15	29.50	SL	15M @12" T&B SW	870.60
553	120			14	15	27.50	ST	15M @12" T&B SW	405.79
554	120	Slab Addls		22	15	6.00	HB	15M @6" 6'-0" DWLS	139.13
555	120			17	15	16.00	ST	15M @6" 16'-0" DWLS	286.69
556	120			81	15	6.00	HB	15M @6" 6'-0" DWLS	512.24
557	120			68	15	29.50	SL	15M @6" BOT	2114.32
558	120			68	15	9.33	HB	15M @6" BOT	668.70
559	120			97	15	29.50	SL	15M @6" BOT	3016.02
560	120			97	15	5.50	HB	15M @6" BOT	562.31
561	120		2	24	15	16.00	ST	24-15M @6" 16'-0" BOT	809.47
562	120			55	15	6.00	HB	15M @6" 6'-0" DWLS	347.82
563	120		4	48	15	16.00	ST	24-15M @6" 16'-0" BOT EW	3237.89
564	121	Conc Beam CB9	2	5	20	29.50	SL	5-20M BOT CONT	464.63
565	121	(3'-0" x 1'-8" Dp)	2	5	20	29.50	SL	5-20M TOP CONT	464.63
566	121	Grid 2-3 / C & D	2	6	15	29.50	SL	15M @12" HOR EF	373.12
567	121		2	30	10	16.50	LB	10M @12" TIES	521.73
568	121	Conc Beam CB3	3	5	20	29.50	SL	5-20M BOT CONT	696.94
569	121	(2'-0" x 3'-0" Dp)		5	20	29.50	SL	5-20M BOT CONT (2nd Lyr)	232.31
570	121	Conc Beam CB4		5	20	9.83	ST	5-20M BOT CONT (2nd Lyr)	77.41
571	121	(2'-0" x 3'-0" Dp)	3	5	20	29.50	SL	5-20M TOP CONT	696.94
572	121			5	20	1.32	ST	5-20M TOP CONT	10.40
573	121			5	20	29.50	SL	5-20M TOP CONT (2nd Lyr)	232.31
574	121			5	20	9.83	ST	5-20M TOP CONT (2nd Lyr)	77.41
575	121			8	15	29.50	SL	15M @12" HOR EF	248.74
576	121			8	15	27.50	ST	15M @12" HOR EF	231.88
577	121			85	10	17.99	LB	10M @12" TIES	805.68
578		Str Sht No : S-107 & S157 (Level 1 Mezzanine Plan)							
579	122	Slab Addls		22	15	6.00	LB	15M @6" 6'-0" DWLS	139.13
580	122			57	15	6.00	LB	15M @6" 6'-0" DWLS	360.47
581	122			82	15	6.00	LB	15M @6" 6'-0" DWLS	518.57
582	122			37	15	29.50	SL	15M @6" BOT LW	1150.44
583	122			37	15	7.67	ST	15M @6" BOT LW	299.11
584	122			29	15	17.67	ST	15M @6" BOT LW	540.10
585	122			27	15	11.15	ST	15M @6" BOT LW	317.31
586	122			24	15	17.50	ST	15M @6" BOT LW	442.68
587	122			96	15	29.50	SL	15M @6" BOT LW	2984.93
588	122			96	15	5.58	ST	15M @6" BOT LW	564.61
589	122			82	15	29.50	SL	15M @6" BOT LW	2549.63
590	122			82	15	5.16	ST	15M @6" BOT LW	446.14
591	122		3	48	15	16.00	ST	24-15M @6" 16'-0" BOT EW	2428.42
592	122			24	15	6.00	ST	24-15M @6" 6'-0" BOT EW	151.78
593	122			12	15	12.00	ST	24-15M @6" 12'-0" BOT EW	151.78
594	122	Slab - 10" Thk		20	15	28.68	SL	15M @12" T&B LW	604.49
595	122			24	15	5.18	ST	15M @12" T&B LW	130.93
596	122			30	15	29.50	SL	15M @12" T&B LW	932.79
597	122			30	15	23.42	ST	15M @12" T&B LW	740.38
598	122			26	15	29.50	SL	15M @12" T&B LW	808.42

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
599	122			26	15	16.25	ST	15M @12" T&B LW	445.32
600	122			18	15	29.50	SL	15M @12" T&B LW	559.67
601	122			18	15	23.42	ST	15M @12" T&B LW	444.23
602	122			10	15	7.51	ST	15M @12" T&B LW	79.11
603	122			32	15	29.50	SL	15M @12" T&B LW	994.98
604	122			32	15	12.58	ST	15M @12" T&B LW	424.30
605	122			12	15	8.00	ST	15M @12" T&B SW	101.13
606	122			14	15	23.00	ST	15M @12" T&B SW	339.33
607	122			14	15	11.93	ST	15M @12" T&B SW	175.98
608	122			6	15	29.50	SL	15M @12" T&B SW	186.56
609	122			6	15	16.83	ST	15M @12" T&B SW	106.43
610	122		2	30	15	29.50	SL	15M @12" T&B SW	1865.58
611	122			30	15	4.58	ST	15M @12" T&B SW	144.82
612	122			44	15	29.50	SL	15M @12" T&B SW	1368.09
613	122			44	15	24.00	ST	15M @12" T&B SW	1113.02
614	122		2	12	15	29.50	SL	15M @12" T&B SW	746.23
615	122			12	15	7.32	ST	15M @12" T&B SW	92.58
616		Str Sht No : S-108 & S158 (Level 2 Plan)							
617	123	Slab Addls	28	24	15	6.00	HB	24-15M x 6'-0" @6" DWLS	4249.73
618	123		28	12	15	12.00	ST	12-15M x 12'-0" @6" BOT	4249.73
619	123		2	48	15	6.00	HB	24-15M x 6'-0" @6" DWLS	607.10
620	123		2	24	15	6.00	HB	24-15M x 6'-0" @6" DWLS	303.55
621	123		13	24	15	16.00	HB	24-15M x 16'-0" @6" DWLS	5261.57
622	123		13	24	15	16.00	HB	24-15M x 16'-0" @6" DWLS	5261.57
623	123			129	15	29.50	SL	15M @6" BOT	4011.00
624	123			129	15	15.83	ST	15M @6" BOT	2152.34
625	123			74	15	16.00	ST	15Mx16'-0" @12" BOT	1247.94
626	123			117	15	16.00	ST	15Mx16'-0" @12" BOT	1973.09
627	123			117	15	29.50	SL	15M @12" BOT	3637.88
628	123			117	15	5.42	ST	15M @12" BOT	667.77
629	123			74	15	16.00	ST	15Mx16'-0" @12" BOT	1247.94
630	123			65	15	29.50	SL	15M @6" BOT	2021.05
631	123			65	15	5.42	ST	15M @6" BOT	370.98
632	123			82	15	6.00	ST	15Mx16'-0" @6" BOT	518.57
633	123			17	15	16.00	ST	15Mx16'-0" @6" DWLS	286.69
634	123			60	15	6.00	LB	15Mx16'-0" @6" DWLS	379.44
635	123			37	15	6.00	LB	15Mx16'-0" @12" DWLS	233.99
636	123			97	15	6.00	ST	15Mx16'-0" @6" BOT	613.43
637	123			91	15	6.00	ST	15Mx16'-0" @6" BOT	575.48
638	123	@ Perimeter		464	15	6.00	ST	15Mx6'-0" @6" TOP DWLS	2934.34
639	123	slab - 10" Thk	4	75	15	29.50	SL	15M @12" BOT LW	9327.90
640	123			75	15	2.58	ST	15M @12" BOT LW	203.95
641	123			2	15	13.84	ST	15M @12" BOT LW	29.17
642	123			11	15	6.26	ST	15M @12" BOT LW	72.53
643	123			9	15	29.50	SL	15M @12" BOT LW	279.84
644	123			9	15	8.16	ST	15M @12" BOT LW	77.42
645	123			4	15	1.18	ST	15M @12" BOT LW	4.96
646	123			4	15	5.43	ST	15M @12" BOT LW	22.88
647	123			11	15	10.68	ST	15M @12" BOT LW	123.78
648	123		2	16	15	29.50	SL	15M @12" BOT SW	994.98
649	123			16	15	27.32	ST	15M @12" BOT SW	460.72
650	123		2	21	15	29.50	SL	15M @12" BOT SW	1305.91
651	123			21	15	17.32	ST	15M @12" BOT SW	383.36
652	123		2	8	15	29.50	SL	15M @12" BOT SW	497.49
653	123			8	15	27.67	ST	15M @12" BOT SW	233.31

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
654	123		2	19	15	29.50	SL	15M @12" BOT SW	1181.53
655	123			19	15	17.67	ST	15M @12" BOT SW	353.86
656	123		2	18	15	29.50	SL	15M @12" BOT SW	1119.35
657	123			18	15	25.00	ST	15M @12" BOT SW	474.30
658	123		2	3	15	29.50	SL	15M @12" BOT SW	186.56
659	123			3	15	28.00	SL	15M @12" BOT SW	88.54
660	123		2	12	15	29.50	SL	15M @12" BOT SW	746.23
661	123			12	15	25.00	ST	15M @12" BOT SW	316.20
662	123		2	7	15	29.50	SL	15M @12" BOT SW	435.30
663	123			7	15	27.50	ST	15M @12" BOT SW	202.90
664	123		2	12	15	29.50	SL	15M @12" BOT SW	746.23
665	123			12	15	17.67	ST	15M @12" BOT SW	223.49
666	123		2	10	15	29.50	SL	15M @12" BOT SW	621.86
667	123			10	15	27.67	ST	15M @12" BOT SW	291.64
668	124	Conc Beam CB9		5	20	28.84	ST	5-20M BOT CONT	227.10
669	124	(1'-8" x 3'-0" Dp)		5	20	28.84	ST	5-20M TOP CONT	227.10
670	124	Grid 7 / A-C		6	15	28.84	ST	15M @12" HOR EF	182.37
671	124			30	10	16.50	LB	10M @12" TIES	260.87
672	124	Conc Beam CB9		5	20	17.68	ST	5-20M BOT CONT	139.20
673	124	(1'-8" x 3'-0" Dp)		5	20	17.68	ST	5-20M TOP CONT	139.20
674	124	Grid 6 / A-C		6	15	17.68	ST	15M @12" HOR EF	111.78
675	124			19	10	16.50	LB	10M @12" TIES	165.21
676	124	Conc Beam CB19		3	20	27.18	ST	5-20M BOT CONT	128.41
677	124	(1'-0" x 4'-10" Dp)		3	20	27.18	ST	5-20M TOP CONT	128.41
678	124	Grid 6 / A-C		8	15	27.18	ST	15M @12" HOR EF	229.15
679	124			28	10	11.32	LB	10M @12" TIES	167.04
680		Str Sht No : S-109 & S159 (Level 3 Plan)							
681	125	Slab Addls	28	24	15	6.00	HB	24-15M x 6'-0" @6" DWLS	4249.73
682	125		28	12	15	12.00	ST	12-15M x 12'-0" @6" BOT	4249.73
683	125		2	48	15	6.00	HB	24-15M x 6'-0" @6" DWLS	607.10
684	125		2	24	15	6.00	HB	24-15M x 6'-0" @6" DWLS	303.55
685	125		13	24	15	16.00	HB	24-15M x 16'-0" @6" DWLS	5261.57
686	125		13	24	15	16.00	HB	24-15M x 16'-0" @6" DWLS	5261.57
687	125			129	15	29.50	SL	15M @6" BOT	4011.00
688	125			129	15	15.83	ST	15M @6" BOT	2152.34
689	125			74	15	16.00	ST	15Mx16'-0" @12" BOT	1247.94
690	125			117	15	16.00	ST	15Mx16'-0" @12" BOT	1973.09
691	125			117	15	29.50	SL	15M @12" BOT	3637.88
692	125			117	15	5.42	ST	15M @12" BOT	667.77
693	125			74	15	16.00	ST	15Mx16'-0" @12" BOT	1247.94
694	125			65	15	29.50	SL	15M @6" BOT	2021.05
695	125			65	15	5.42	ST	15M @6" BOT	370.98
696	125			65	15	6.00	ST	15Mx6'-0" @6" BOT	411.06
697	125			30	15	14.32	ST	15M @12" BOT	452.80
698	125			60	15	6.00	ST	15Mx6'-0" @6" BOT	379.44
699	125			37	15	6.00	LB	15Mx16'-0" @12" DWLS	233.99
700	125			97	15	6.00	ST	15Mx16'-0" @6" BOT	613.43
701	125			91	15	6.00	ST	15Mx16'-0" @6" BOT	575.48
702	125	@ Perimeter		464	15	6.00	ST	15Mx6'-0" @6" TOP DWLS	2934.34
703	125	slab - 10" Thk	4	75	15	29.50	SL	15M @12" BOT LW	9327.90
704	125			75	15	2.58	ST	15M @12" BOT LW	203.95
705	125			2	15	13.84	ST	15M @12" BOT LW	29.17
706	125			11	15	6.26	ST	15M @12" BOT LW	72.53
707	125			9	15	29.50	SL	15M @12" BOT LW	279.84
708	125			9	15	8.16	ST	15M @12" BOT LW	77.42

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
709	125			4	15	1.18	ST	15M @12" BOT LW	4.96
710	125			4	15	5.43	ST	15M @12" BOT LW	22.88
711	125			11	15	10.68	ST	15M @12" BOT LW	123.78
712	125		2	16	15	29.50	SL	15M @12" BOT SW	994.98
713	125			16	15	27.32	ST	15M @12" BOT SW	460.72
714	125		2	21	15	29.50	SL	15M @12" BOT SW	1305.91
715	125			21	15	17.32	ST	15M @12" BOT SW	383.36
716	125		2	8	15	29.50	SL	15M @12" BOT SW	497.49
717	125			8	15	27.67	ST	15M @12" BOT SW	233.31
718	125		2	19	15	29.50	SL	15M @12" BOT SW	1181.53
719	125			19	15	17.67	ST	15M @12" BOT SW	353.86
720	125		2	18	15	29.50	SL	15M @12" BOT SW	1119.35
721	125			18	15	25.00	ST	15M @12" BOT SW	474.30
722	125		2	3	15	29.50	SL	15M @12" BOT SW	186.56
723	125			3	15	28.00	SL	15M @12" BOT SW	88.54
724	125		2	12	15	29.50	SL	15M @12" BOT SW	746.23
725	125			12	15	25.00	ST	15M @12" BOT SW	316.20
726	125		2	7	15	29.50	SL	15M @12" BOT SW	435.30
727	125			7	15	27.50	ST	15M @12" BOT SW	202.90
728	125		2	12	15	29.50	SL	15M @12" BOT SW	746.23
729	125			12	15	17.67	ST	15M @12" BOT SW	223.49
730	125		2	10	15	29.50	SL	15M @12" BOT SW	621.86
731	125			10	15	27.67	ST	15M @12" BOT SW	291.64
732	126	Conc Beam CB19		3	20	27.18	ST	5-20M BOT CONT	128.41
733	126	(1'-0" x 4'-10" Dp)		3	20	27.18	ST	5-20M TOP CONT	128.41
734	126	Grid 6 / A-C		8	15	27.18	ST	15M @12" HOR EF	229.15
735	126			28	10	11.32	LB	10M @12" TIES	167.04
736	126	Slab Band SB10		6	20	29.50	SL	6-20 BOT CONT	278.78
737	126	(3'-0" x 1'-4" Dp)		6	20	4.58	ST	6-20 BOT CONT	43.28
738	126			6	20	29.50	SL	6-20 TOP CONT	278.78
739	126			6	20	5.25	ST	6-20 TOP CONT	49.61
740	126			34	10	8.30	LB	10M @12" TIES	148.72
741		Str Sht No : S-110 & S160 (Level 4 Plan)							
742	127	Slab Addls	3	24	15	6.00	HB	24-15M x 6'-0" @6" DWLS	455.33
743	127		3	12	15	12.00	ST	12-15M x 12'-0" @6" BOT	455.33
744	127			48	15	6.00	HB	24-15M x 6'-0" @6" DWLS	303.55
745	127		8	48	15	16.00	HB	24-15M x 16'-0" @6" DWLS	6475.78
746	127			37	15	6.00	HB	15M x 6'-0" @12" DWLS	233.99
747	127			22	15	6.00	HB	15M x 6'-0" @6" DWLS	139.13
748	127			30	15	14.32	HB	15M @12" TOP	452.80
749	127			33	15	6.00	HB	15M x 6'-0" @6" DWLS	208.69
750	127			88	15	29.50	SL	15M @6" BOT	2736.18
751	127			88	15	2.83	ST	15M @6" BOT	262.49
752	127			53	15	16.00	ST	15M x 16'-0" @12" TOP	893.79
753	127			87	15	29.50	SL	15M @6" BOT	2705.09
754	127			87	15	5.67	ST	15M @6" BOT	519.93
755	127			195	15	29.50	SL	15M @6" BOT	6063.14
756	127			195	15	5.67	ST	15M @6" BOT	1165.36
757	127			98	15	16.00	ST	15M x 16'-0" @12" TOP	1652.67
758	127			54	15	16.00	ST	15M x 16'-0" @12" TOP	910.66
759	127			201	15	6.00	HB	15M x 6'-0" @12" DWLS	1271.12
760	127		2	37	15	6.00	HB	15M x 6'-0" @12" DWLS	467.98
761	127	Slab - 10" Thk	3	55	15	29.50	SL	15M @12" BOT LW	5130.35
762	127			55	15	21.42	ST	15M @12" BOT LW	1241.43
763	127			10	15	6.26	ST	15M @12" BOT LW	65.94

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
764	127			8	15	1.43	ST	15M @12" BOT LW	12.02
765	127			3	15	5.18	ST	15M @12" BOT LW	16.37
766	127			6	15	29.50	SL	15M @12" BOT LW	186.56
767	127			11	15	6.68	ST	15M @12" BOT LW	77.40
768	127			11	15	1.31	ST	15M @12" BOT LW	15.22
769	127		2	11	15	29.50	SL	15M @12" BOT SW	684.05
770	127			11	15	12.75	ST	15M @12" BOT SW	147.82
771	127			20	15	29.50	SL	15M @12" BOT SW	621.86
772	127			20	15	27.75	ST	15M @12" BOT SW	584.97
773	127			8	15	29.50	SL	15M @12" BOT SW	248.74
774	127			8	15	12.75	ST	15M @12" BOT SW	107.51
775	127			19	15	29.50	SL	15M @12" BOT SW	590.77
776	127			19	15	27.75	ST	15M @12" BOT SW	555.72
777	127		2	3	15	29.50	SL	15M @12" BOT SW	186.56
778	127			3	15	12.75	ST	15M @12" BOT SW	40.32
779	127		2	6	15	29.50	SL	15M @12" BOT SW	373.12
780	127		2	62	15	29.50	SL	15M @12" BOT SW	3855.53
781	127			62	15	8.00	ST	15M @12" BOT SW	522.78
782	127		2	7	15	29.50	SL	15M @12" BOT SW	435.30
783	127			7	15	9.67	ST	15M @12" BOT SW	71.35
784	127			10	15	29.50	SL	15M @12" BOT SW	310.93
785	127			10	15	26.75	ST	15M @12" BOT SW	281.95
786	127		2	8	15	29.50	SL	15M @12" BOT SW	497.49
787	127			8	15	10.75	ST	15M @12" BOT SW	90.64
788	127	Slab - 10" Thk	3	24	15	29.50	SL	15M @12" T&B LW	2238.70
789	127			24	15	2.50	ST	15M @12" T&B LW	63.24
790	127		3	44	15	29.50	SL	15M @12" T&B LW	4104.28
791	127			44	15	9.00	ST	15M @12" T&B LW	417.38
792	127		3	14	15	29.50	SL	15M @12" T&B LW	1305.91
793	127			14	15	2.50	ST	15M @12" T&B LW	36.89
794	127			128	15	13.18	ST	15M @12" T&B LW	1777.60
795	127			196	15	20.68	ST	15M @12" T&B LW	4271.33
796	127			128	15	6.35	ST	15M @12" T&B LW	856.15
797	128	Parapet Wall-5" Thk		305	15	2.67	HB	15M @12" VERT	857.68
798	128		11	6	15	29.50	SL	15M @12" HOR	2052.14
799	128			6	15	14.00	ST	15M @12" HOR	88.54
800	128	Parapet Wall-5" Thk		240	15	2.67	HB	15M @12" VERT	674.90
801	128		9	6	15	29.50	SL	15M @12" HOR	1679.02
802	128	Parapet Wall-5" Thk		233	15	2.67	HB	15M @12" VERT	655.21
803	128		8	6	15	29.50	SL	15M @12" HOR	1492.46
804	128			6	15	19.75	ST	15M @12" HOR	124.90
805	129	Conc Beam CB7	3	5	20	29.50	SL	5-20M BOT CONT	696.94
806	129	(1'-8" x 2'-1" Dp)	3	5	20	25.75	ST	5-20M BOT CONT	608.34
807	129		3	5	20	29.50	SL	5-20M TOP CONT	696.94
808	129		3	5	20	26.83	ST	5-20M TOP CONT	633.86
809	129		3	4	15	29.50	SL	15M @12" HOR EF	373.12
810	129		3	4	15	24.00	ST	15M @12" HOR EF	303.55
811	129		3	54	10	9.66	LB	10M @12" TIES	824.63
812	129	Conc Beam CB7	3	5	20	29.50	SL	5-20M BOT CONT	696.94
813	129	(1'-8" x 2'-1" Dp)		5	20	17.75	ST	5-20M BOT CONT	139.78
814	129		3	5	20	29.50	SL	5-20M TOP CONT	696.94
815	129			5	20	21.67	ST	5-20M TOP CONT	170.65
816	129		3	4	15	29.50	SL	15M @12" HOR EF	373.12
817	129			4	15	13.50	ST	15M @12" HOR EF	56.92
818	129			54	10	9.66	LB	10M @12" TIES	274.88

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
819	129	Conc Beam CB19		3	20	27.18	ST	5-20M BOT CONT	128.41
820	129	(1'-0" x 4'-10" Dp)		3	20	27.18	ST	5-20M TOP CONT	128.41
821	129	Grid 6 / A-C		8	15	27.18	ST	15M @12" HOR EF	229.15
822	129			28	10	11.32	LB	10M @12" TIES	167.04
823	130	Slab Band SB10		6	20	29.50	SL	6-20 BOT CONT	278.78
824	130	(3'-0" x 1'-4" Dp)		6	20	4.58	ST	6-20 BOT CONT	43.28
825	130			6	20	29.50	SL	6-20 TOP CONT	278.78
826	130			6	20	5.25	ST	6-20 TOP CONT	49.61
827	130			34	10	8.30	LB	10M @12" TIES	148.72
828		Str Sht No : S-111 & S161 (Level 5 Plan)							
829	131	Slab Addls	4	24	15	6.00	HB	24-15M x 6'-0" @6" DWLS	607.10
830	131		4	12	15	12.00	ST	12-15M x 12'-0" @6" BOT	607.10
831	131			48	15	6.00	HB	24-15M x 6'-0" @6" DWLS	303.55
832	131		8	48	15	16.00	HB	24-15M x 16'-0" @6" DWLS	6475.78
833	131			37	15	6.00	HB	15M x 6'-0" @12" DWLS	233.99
834	131			22	15	6.00	HB	15M x 6'-0" @6" DWLS	139.13
835	131			30	15	14.32	HB	15M @12" TOP	452.80
836	131			33	15	6.00	HB	15M x 6'-0" @6" DWLS	208.69
837	131			88	15	29.50	SL	15M @6" BOT	2736.18
838	131			88	15	2.83	ST	15M @6" BOT	262.49
839	131			53	15	16.00	ST	15M x 16'-0" @12" TOP	893.79
840	131			87	15	29.50	SL	15M @6" BOT	2705.09
841	131			87	15	5.67	ST	15M @6" BOT	519.93
842	131			195	15	29.50	SL	15M @6" BOT	6063.14
843	131			195	15	5.67	ST	15M @6" BOT	1165.36
844	131			98	15	16.00	ST	15M x 16'-0" @12" TOP	1652.67
845	131			54	15	16.00	ST	15M x 16'-0" @12" TOP	910.66
846	131			201	15	6.00	HB	15M x 6'-0" @12" DWLS	1271.12
847	131		2	37	15	6.00	HB	15M x 6'-0" @12" DWLS	467.98
848	131	Slab - 10" Thk	3	55	15	29.50	SL	15M @12" BOT LW	5130.35
849	131			55	15	21.42	ST	15M @12" BOT LW	1241.43
850	131			10	15	6.26	ST	15M @12" BOT LW	65.94
851	131			8	15	1.43	ST	15M @12" BOT LW	12.02
852	131			3	15	5.18	ST	15M @12" BOT LW	16.37
853	131			6	15	29.50	SL	15M @12" BOT LW	186.56
854	131			11	15	6.68	ST	15M @12" BOT LW	77.40
855	131			11	15	1.31	ST	15M @12" BOT LW	15.22
856	131		2	11	15	29.50	SL	15M @12" BOT SW	684.05
857	131			11	15	12.75	ST	15M @12" BOT SW	147.82
858	131			20	15	29.50	SL	15M @12" BOT SW	621.86
859	131			20	15	27.75	ST	15M @12" BOT SW	584.97
860	131			8	15	29.50	SL	15M @12" BOT SW	248.74
861	131			8	15	12.75	ST	15M @12" BOT SW	107.51
862	131			19	15	29.50	SL	15M @12" BOT SW	590.77
863	131			19	15	27.75	ST	15M @12" BOT SW	555.72
864	131		2	3	15	29.50	SL	15M @12" BOT SW	186.56
865	131			3	15	12.75	ST	15M @12" BOT SW	40.32
866	131		2	6	15	29.50	SL	15M @12" BOT SW	373.12
867	131		2	62	15	29.50	SL	15M @12" BOT SW	3855.53
868	131			62	15	8.00	ST	15M @12" BOT SW	522.78
869	131		2	7	15	29.50	SL	15M @12" BOT SW	435.30
870	131			7	15	9.67	ST	15M @12" BOT SW	71.35
871	131			10	15	29.50	SL	15M @12" BOT SW	310.93
872	131			10	15	26.75	ST	15M @12" BOT SW	281.95
873	131		2	8	15	29.50	SL	15M @12" BOT SW	497.49

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
874	131			8	15	10.75	ST	15M @12" BOT SW	90.64
875	132	Conc Beam CB19		3	20	27.18	ST	5-20M BOT CONT	128.41
876	132	(1'-0" x 4'-10" Dp)		3	20	27.18	ST	5-20M TOP CONT	128.41
877	132	Grid 6 / A-C		8	15	27.18	ST	15M @12" HOR EF	229.15
878	132			28	10	11.32	LB	10M @12" TIES	167.04
879	133	Slab Band SB10		6	20	29.50	SL	6-20 BOT CONT	278.78
880	133	(3'-0" x 1'-4" Dp)		6	20	4.58	ST	6-20 BOT CONT	43.28
881	133			6	20	29.50	SL	6-20 TOP CONT	278.78
882	133			6	20	5.25	ST	6-20 TOP CONT	49.61
883	133			34	10	8.30	LB	10M @12" TIES	148.72
884		Str Sht No : S-112 & S162 (Level 6 Plan)							
885	134	Slab Addls	4	24	15	6.00	HB	24-15M x 6'-0" @6" DWLS	607.10
886	134		4	12	15	12.00	ST	12-15M x 12'-0" @6" BOT	607.10
887	134			48	15	6.00	HB	24-15M x 6'-0" @6" DWLS	303.55
888	134		8	48	15	16.00	HB	24-15M x 16'-0" @6" DWLS	6475.78
889	134			37	15	6.00	HB	15M x 6'-0" @12" DWLS	233.99
890	134			22	15	6.00	HB	15M x 6'-0" @6" DWLS	139.13
891	134			30	15	14.32	HB	15M @12" TOP	452.80
892	134			33	15	6.00	HB	15M x 6'-0" @6" DWLS	208.69
893	134			88	15	29.50	SL	15M @6" BOT	2736.18
894	134			88	15	2.83	ST	15M @6" BOT	262.49
895	134			53	15	16.00	ST	15M x 16'-0" @12" TOP	893.79
896	134			87	15	29.50	SL	15M @6" BOT	2705.09
897	134			87	15	5.67	ST	15M @6" BOT	519.93
898	134			195	15	29.50	SL	15M @6" BOT	6063.14
899	134			195	15	5.67	ST	15M @6" BOT	1165.36
900	134			98	15	16.00	ST	15M x 16'-0" @12" TOP	1652.67
901	134			54	15	16.00	ST	15M x 16'-0" @12" TOP	910.66
902	134			201	15	6.00	HB	15M x 6'-0" @12" DWLS	1271.12
903	134		2	37	15	6.00	HB	15M x 6'-0" @12" DWLS	467.98
904	134	Slab - 10" Thk	3	55	15	29.50	SL	15M @12" BOT LW	5130.35
905	134			55	15	21.42	ST	15M @12" BOT LW	1241.43
906	134			10	15	6.26	ST	15M @12" BOT LW	65.94
907	134			8	15	1.43	ST	15M @12" BOT LW	12.02
908	134			3	15	5.18	ST	15M @12" BOT LW	16.37
909	134			6	15	29.50	SL	15M @12" BOT LW	186.56
910	134			11	15	6.68	ST	15M @12" BOT LW	77.40
911	134			11	15	1.31	ST	15M @12" BOT LW	15.22
912	134		2	11	15	29.50	SL	15M @12" BOT SW	684.05
913	134			11	15	12.75	ST	15M @12" BOT SW	147.82
914	134			20	15	29.50	SL	15M @12" BOT SW	621.86
915	134			20	15	27.75	ST	15M @12" BOT SW	584.97
916	134			8	15	29.50	SL	15M @12" BOT SW	248.74
917	134			8	15	12.75	ST	15M @12" BOT SW	107.51
918	134			19	15	29.50	SL	15M @12" BOT SW	590.77
919	134			19	15	27.75	ST	15M @12" BOT SW	555.72
920	134		2	3	15	29.50	SL	15M @12" BOT SW	186.56
921	134			3	15	12.75	ST	15M @12" BOT SW	40.32
922	134		2	6	15	29.50	SL	15M @12" BOT SW	373.12
923	134		2	62	15	29.50	SL	15M @12" BOT SW	3855.53
924	134			62	15	8.00	ST	15M @12" BOT SW	522.78
925	134		2	7	15	29.50	SL	15M @12" BOT SW	435.30
926	134			7	15	9.67	ST	15M @12" BOT SW	71.35
927	134			10	15	29.50	SL	15M @12" BOT SW	310.93
928	134			10	15	26.75	ST	15M @12" BOT SW	281.95

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
929	134		2	8	15	29.50	SL	15M @12" BOT SW	497.49
930	134			8	15	10.75	ST	15M @12" BOT SW	90.64
931	135	Conc Beam CB19		3	20	27.18	ST	5-20M BOT CONT	128.41
932	135	(1'-0" x 4'-10" Dp)		3	20	27.18	ST	5-20M TOP CONT	128.41
933	135	Grid 6 / A-C		8	15	27.18	ST	15M @12" HOR EF	229.15
934	135			28	10	11.32	LB	10M @12" TIES	167.04
935	136	Slab Band SB10		6	20	29.50	SL	6-20 BOT CONT	278.78
936	136	(3'-0" x 1'-4" Dp)		6	20	4.58	ST	6-20 BOT CONT	43.28
937	136			6	20	29.50	SL	6-20 TOP CONT	278.78
938	136			6	20	5.25	ST	6-20 TOP CONT	49.61
939	136			34	10	8.30	LB	10M @12" TIES	148.72
940		Str Sht No : S-113 & S163 (Level 7 Plan)							
941	137	Slab Addis	4	24	15	6.00	HB	24-15M x 6'-0" @6" DWLS	607.10
942	137		4	12	15	12.00	ST	12-15M x 12'-0" @6" BOT	607.10
943	137			48	15	6.00	HB	24-15M x 6'-0" @6" DWLS	303.55
944	137		8	48	15	16.00	HB	24-15M x 16'-0" @6" DWLS	6475.78
945	137			37	15	6.00	HB	15M x 6'-0" @12" DWLS	233.99
946	137			22	15	6.00	HB	15M x 6'-0" @6" DWLS	139.13
947	137			30	15	14.32	HB	15M @12" TOP	452.80
948	137			33	15	6.00	HB	15M x 6'-0" @6" DWLS	208.69
949	137			88	15	29.50	SL	15M @6" BOT	2736.18
950	137			88	15	2.83	ST	15M @6" BOT	262.49
951	137			53	15	16.00	ST	15M x 16'-0" @12" TOP	893.79
952	137			87	15	29.50	SL	15M @6" BOT	2705.09
953	137			87	15	5.67	ST	15M @6" BOT	519.93
954	137			195	15	29.50	SL	15M @6" BOT	6063.14
955	137			195	15	5.67	ST	15M @6" BOT	1165.36
956	137			98	15	16.00	ST	15M x 16'-0" @12" TOP	1652.67
957	137			54	15	16.00	ST	15M x 16'-0" @12" TOP	910.66
958	137			201	15	6.00	HB	15M x 6'-0" @12" DWLS	1271.12
959	137		2	37	15	6.00	HB	15M x 6'-0" @12" DWLS	467.98
960	137			184	15	6.00	HB	15M x 6'-0" @6" DWLS	1163.62
961	137			26	15	20.34	HB	15M @12" T&B CONT	557.29
962	137			28	15	20.34	HB	15M @12" T&B CONT	600.16
963	137			68	15	12.84	HB	15M @6" T&B CONT	919.98
964	137			68	15	14.34	HB	15M @6" T&B CONT	1027.49
965	137	Slab - 10" Thk	3	55	15	29.50	SL	15M @12" BOT LW	5130.35
966	137			55	15	21.42	ST	15M @12" BOT LW	1241.43
967	137			10	15	6.26	ST	15M @12" BOT LW	65.94
968	137			8	15	1.43	ST	15M @12" BOT LW	12.02
969	137			3	15	5.18	ST	15M @12" BOT LW	16.37
970	137			6	15	29.50	SL	15M @12" BOT LW	186.56
971	137			11	15	6.68	ST	15M @12" BOT LW	77.40
972	137			11	15	1.31	ST	15M @12" BOT LW	15.22
973	137		2	11	15	29.50	SL	15M @12" BOT SW	684.05
974	137			11	15	12.75	ST	15M @12" BOT SW	147.82
975	137			20	15	29.50	SL	15M @12" BOT SW	621.86
976	137			20	15	27.75	ST	15M @12" BOT SW	584.97
977	137			8	15	29.50	SL	15M @12" BOT SW	248.74
978	137			8	15	12.75	ST	15M @12" BOT SW	107.51
979	137			19	15	29.50	SL	15M @12" BOT SW	590.77
980	137			19	15	27.75	ST	15M @12" BOT SW	555.72
981	137		2	3	15	29.50	SL	15M @12" BOT SW	186.56
982	137			3	15	12.75	ST	15M @12" BOT SW	40.32
983	137		2	6	15	29.50	SL	15M @12" BOT SW	373.12

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
984	137		2	62	15	29.50	SL	15M @12" BOT SW	3855.53
985	137			62	15	8.00	ST	15M @12" BOT SW	522.78
986	137		2	7	15	29.50	SL	15M @12" BOT SW	435.30
987	137			7	15	9.67	ST	15M @12" BOT SW	71.35
988	137			10	15	29.50	SL	15M @12" BOT SW	310.93
989	137			10	15	26.75	ST	15M @12" BOT SW	281.95
990	137		2	8	15	29.50	SL	15M @12" BOT SW	497.49
991	137			8	15	10.75	ST	15M @12" BOT SW	90.64
992	137	Slab Step		20	15	7.02	HB	15M @12" BOT SW	147.90
993	137			20	15	7.02	HB	15M @12" BOT SW	147.90
994	137			2	15	18.68	ST	2-15M BOT CONT	39.37
995	137			2	15	18.68	ST	2-15M TOP CONT	39.37
996	138	Conc Beam CB19		3	20	27.18	ST	5-20M BOT CONT	128.41
997	138	(1'-0" x 4'-10" Dp)		3	20	27.18	ST	5-20M TOP CONT	128.41
998	138	Grid 6 / A-C		8	15	27.18	ST	15M @12" HOR EF	229.15
999	138			28	10	11.32	LB	10M @12" TIES	167.04
1000	138	Conc Beam CB5		5	20	18.68	ST	5-20M BOT CONT	147.07
1001	138	(1'-2" x 2'-2" Dp)		5	20	18.68	ST	5-20M TOP CONT	147.07
1002	138	Grid 3 / B&C		6	15	18.68	ST	15M @12" HOR EF	118.11
1003	138			20	10	6.48	LB	10M @12" TIES	68.34
1004	138	Conc Beam CB5		5	20	18.68	ST	5-20M BOT CONT	147.07
1005	138	(1'-2" x 4'-4" Dp)		5	20	18.68	ST	5-20M TOP CONT	147.07
1006	138	Grid 3 / B&C		10	15	18.68	ST	15M @12" HOR EF	196.85
1007	138			20	10	10.62	LB	10M @12" TIES	111.98
1008	138	Conc Beam CB5	2	5	20	16.84	ST	5-20M BOT CONT	265.20
1009	138	(1'-2" x 2'-2" Dp)	2	5	20	17.84	ST	5-20M TOP CONT	280.95
1010	138	Grid 3&4 / B-C	2	6	15	14.84	ST	15M @12" HOR EF	187.67
1011	138		2	15	10	6.48	LB	10M @12" TIES	102.51
1012	138	Conc Beam CB5	2	5	20	16.84	ST	5-20M BOT CONT	265.20
1013	138	(1'-2" x 4'-4" Dp)	2	5	20	17.84	ST	5-20M TOP CONT	280.95
1014	138	Grid 3&4 / B-C	2	10	15	14.84	ST	15M @12" HOR EF	312.79
1015	138		2	15	10	10.62	LB	10M @12" TIES	167.97
1016	139	Slab Band SB10		6	20	29.50	SL	6-20 BOT CONT	278.78
1017	139	(3'-0" x 1'-4" Dp)		6	20	4.58	ST	6-20 BOT CONT	43.28
1018	139			6	20	29.50	SL	6-20 TOP CONT	278.78
1019	139			6	20	5.25	ST	6-20 TOP CONT	49.61
1020	139			34	10	8.30	LB	10M @12" TIES	148.72
1021		Str Sht No : S-114 & S164 (Level 8 Plan)							
1022	140	Slab Addis	4	24	15	6.00	HB	24-15M x 6'-0" @6" DWLS	607.10
1023	140		4	12	15	12.00	ST	12-15M x 12'-0" @6" BOT	607.10
1024	140			48	15	6.00	HB	24-15M x 6'-0" @6" DWLS	303.55
1025	140		2	48	15	16.00	HB	24-15M x 16'-0" @6" DWLS	1618.94
1026	140			116	15	29.50	SL	15M @6" BOT	3606.79
1027	140			90	15	29.50	SL	15M @6" BOT	2798.37
1028	140			90	15	9.00	ST	15M @6" BOT	853.74
1029	140			98	15	16.00	ST	15M x16'-0" @12" TOP	1652.67
1030	140			67	15	29.50	SL	15M @6" BOT	2083.23
1031	140			67	15	7.00	ST	15M @6" BOT	494.33
1032	140			87	15	29.50	SL	15M @6" BOT	2705.09
1033	140			87	15	7.33	ST	15M @6" BOT	672.15
1034	140			106	15	16.00	ST	15M x16'-0" @12" TOP	1787.58
1035	140			328	15	6.00	ST	15M 6'-0" @6" BOT	2074.27
1036	140			135	15	6.00	ST	15M 6'-0" @6" BOT	853.74
1037	140	Slab - 10" Thk	3	21	15	29.50	SL	15M @12" BOT LW	1958.86
1038	140			21	15	18.50	ST	15M @12" BOT LW	409.48

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1039	140			25	15	29.50	SL	15M @12" BOT LW	777.33
1040	140			25	15	19.25	ST	15M @12" BOT LW	507.24
1041	140			25	15	29.50	SL	15M @12" BOT LW	777.33
1042	140			25	15	8.00	ST	15M @12" BOT LW	210.80
1043	140		3	11	15	29.50	SL	15M @12" BOT LW	1026.07
1044	140			11	15	18.50	ST	15M @12" BOT LW	214.49
1045	140			12	15	25.35	SL	15M @12" BOT LW	320.58
1046	140			9	15	29.50	SL	15M @12" BOT LW	279.84
1047	140			9	15	18.83	ST	15M @12" BOT LW	178.62
1048	140			5	15	11.68	ST	15M @12" BOT LW	61.53
1049	140			5	15	20.68	ST	15M @12" BOT LW	108.96
1050	140		2	27	15	29.50	SL	15M @12" BOT SW	1679.02
1051	140			27	15	9.50	ST	15M @12" BOT SW	270.35
1052	140			21	15	29.50	SL	15M @12" BOT SW	652.95
1053	140			21	15	26.50	ST	15M @12" BOT SW	586.55
1054	140			7	15	9.26	ST	15M @12" BOT SW	68.29
1055	140			11	15	20.18	ST	15M @12" BOT SW	233.92
1056	140			18	15	18.84	ST	15M @12" BOT SW	357.39
1057	140		2	2	15	29.50	SL	15M @12" BOT SW	124.37
1058	140			2	15	11.50	ST	15M @12" BOT SW	24.24
1059	140		2	14	15	29.50	SL	15M @12" BOT SW	870.60
1060	140			14	15	8.25	ST	15M @12" BOT SW	121.74
1061	140		2	22	15	29.50	SL	15M @12" BOT SW	1368.09
1062	140			22	15	11.50	ST	15M @12" BOT SW	266.66
1063	141	Conc Beam CB5	3	5	20	10.18	ST	5-20M BOT CONT	240.41
1064	141	(1'-2" x 2'-2" Dp)	3	5	20	10.18	ST	5-20M TOP CONT	240.41
1065	141	Grid 4-6 / A-B	3	6	15	10.18	ST	15M @12" HOR EF	193.06
1066	141		3	12	10	6.48	LB	10M @12" TIES	123.01
1067	141	Conc Beam CB5		5	20	20.18	ST	5-20M BOT CONT	158.89
1068	141	(1'-2" x 2'-2" Dp)		5	20	20.18	ST	5-20M TOP CONT	158.89
1069	141	Grid 3-4 / A-B		6	15	20.18	ST	15M @12" HOR EF	127.59
1070	141			22	10	6.48	LB	10M @12" TIES	75.18
1071	141	Conc Beam CB5	2	5	20	29.50	SL	5-20M BOT CONT	464.63
1072	141	(1'-2" x 2'-2" Dp)		5	20	15.83	ST	5-20M BOT CONT	124.66
1073	141	Grid 3-4 / A-B	2	5	20	29.50	SL	5-20M TOP CONT	464.63
1073	141		2	5	20	14.50	ST	5-20M TOP CONT	228.38
1074	141			5	20	17.83	ST	5-20M TOP CONT	140.41
1075	141		2	6	15	29.50	SL	15M @12" HOR EF	373.12
1075	141		2	6	15	12.50	ST	15M @12" HOR EF	158.10
1076	141			6	15	12.42	ST	15M @12" HOR EF	78.51
1077	141			70	10	6.48	LB	10M @12" TIES	239.19
1078	141	Conc Beam CB5		5	20	28.68	ST	5-20M BOT CONT	225.82
1079	141	(1'-2" x 2'-2" Dp)		5	20	28.68	ST	5-20M TOP CONT	225.82
1080	141	Grid A / 2-4		6	15	28.68	ST	15M @12" HOR EF	181.35
1081	141			30	10	6.48	LB	10M @12" TIES	102.51
1082	141	Conc Beam CB5		5	20	29.50	SL	5-20M BOT CONT	232.31
1083	141	(1'-2" x 2'-2" Dp)		5	20	9.50	ST	5-20M BOT CONT	74.81
1084	141	Grid A-C / 4		5	20	29.50	SL	5-20M TOP CONT	232.31
1085	141			5	20	10.50	ST	5-20M TOP CONT	82.69
1086	141			6	15	29.50	SL	15M @12" HOR EF	186.56
1087	141			6	15	7.83	ST	15M @12" HOR EF	49.52
1088	141			37	10	6.48	LB	10M @12" TIES	126.43
1089	141	Conc Beam CB5		5	20	29.50	SL	5-20M BOT CONT	232.31
1090	141	(1'-2" x 2'-2" Dp)		5	20	19.50	ST	5-20M BOT CONT	153.56
1091	141	Grid A-C / 4		5	20	29.50	SL	5-20M TOP CONT	232.31

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1092	141			5	20	20.50	ST	5-20M TOP CONT	161.44
1093	141			6	15	29.50	SL	15M @12" HOR EF	186.56
1094	141			6	15	17.67	ST	15M @12" HOR EF	111.75
1095	141			47	10	6.48	LB	10M @12" TIES	160.60
1096	141	Conc Beam CB19		3	20	27.18	ST	5-20M BOT CONT	128.41
1097	141	(1'-0" x 4'-10" Dp)		3	20	27.18	ST	5-20M TOP CONT	128.41
1098	141	Grid 6 / A-C		8	15	27.18	ST	15M @12" HOR EF	229.15
1099	141			28	10	11.32	LB	10M @12" TIES	167.04
1100	141	Conc Beam CB2		4	20	20.18	ST	4-20M BOT CONT	127.11
1101	141	(1'-8" x 2'-2" Dp)		4	20	20.18	ST	4-20M TOP CONT	127.11
1102	141	Grid 2-3 / A-B		6	15	20.18	ST	15M @12" HOR EF	127.59
1103	141			21	10	12.64	LB	10M @12" TIES	139.86
1104	142	Parapet Wall-5" Thk		214	15	2.67	HB	15M @12" VERT	601.78
1105	142		7	6	15	29.50	SL	15M @12" HOR	1305.91
1106	142			6	15	18.83	ST	15M @12" HOR	119.08
1107	142	Parapet Wall-5" Thk		206	15	2.67	HB	15M @12" VERT	579.29
1108	142		7	6	15	29.50	SL	15M @12" HOR	1305.91
1109	142			6	15	8.83	SL	15M @12" HOR	55.84
1110	142	Parapet Wall-5" Thk		181	15	2.67	HB	15M @12" VERT	508.99
1111	142		6	6	15	29.50	SL	15M @12" HOR	1119.35
1112	142			6	15	13.00	ST	15M @12" HOR	82.21
1113	142	Parapet Wall-5" Thk		81	15	5.00	HB	15M @12" VERT	426.53
1114	142		2	10	15	29.50	SL	15M @12" HOR	621.86
1115	142			10	15	23.67	ST	15M @12" HOR	249.48
1116	142	Parapet Wall-5" Thk		68	15	5.00	HB	15M @12" VERT	358.07
1117	142		2	10	15	29.50	SL	15M @12" HOR	621.86
1118	142			10	15	10.32	ST	15M @12" HOR	108.77
1119		Elevator Roof							
1120	143	(10" Thk)		108	15	5.00	HB	15M x 5'-0" @6" DWLS	569.16
1121	143			12	15	20.84	ST	15M @12" BOT LW	263.56
1122	143			23	15	10.68	ST	15M @12" BOT LW	258.81
1123		Str Sht No : S100 (Concrete Column) - Parking Levels							
1124	144	Column	13	16	20	5.75	HB	16-20M DWLS	1883.70
1125	145	CC1 (1'-0"x3'-0")	13	16	20	13.75	ST	16-20M VERT	4504.50
1126	145		13	13	10	16.90	LB	10M @ 4" TIES (T&B)	1505.16
1127	145	Lvl P4 -Lvl P3	13	12	10	16.90	LB	10M @ 8" TIES (MID)	1389.38
1128	144	CC2 (1'-6"x1'-8")	1	14	20	5.75	HB	14-20M DWLS	126.79
1129	145	Details S301	1	14	20	13.75	ST	14-20M VERT	303.19
1130	145	S 005	1	13	10	17.29	LB	10M @ 4" TIES (T&B)	118.45
1131	145		1	12	10	17.29	LB	10M @ 8" TIES (MID)	109.34
1132	144	CC3 (1'-8"x1'-8")	4	16	25	6.25	HB	16-25M DWLS	1050.40
1133	145	Details S301	4	16	25	14.25	ST	16-25M VERT	2394.91
1134	145	S 005	4	13	10	19.70	LB	10M @ 4" TIES (T&B)	539.86
1135	145		4	12	10	19.70	LB	10M @ 8" TIES (MID)	498.33
1136	145	CC1 (1'-0"x3'-0")	13	16	20	11.25	ST	16-20M VERT	3685.50
1137	145	Lvl P3 -Lvl P2 (S101)	13	13	10	16.90	LB	10M @ 4" TIES (T&B)	1505.16
1138	145		13	8	10	16.90	LB	10M @ 8" TIES (MID)	926.26
1139	145	CC2 (1'-6"x1'-8")	1	14	20	11.25	ST	14-20M VERT	248.06
1140	145	Details S301	1	13	10	17.29	LB	10M @ 4" TIES (T&B)	118.45
1141	145		1	8	10	17.29	LB	10M @ 8" TIES (MID)	72.89
1142	145	CC3 (1'-8"x1'-8")	4	16	25	11.75	ST	16-25M VERT	1974.75
1143	145		4	13	10	19.70	LB	10M @ 4" TIES (T&B)	539.86
1144	145		4	8	10	19.70	LB	10M @ 8" TIES (MID)	332.22
1145	145	CC1 (1'-0"x3'-0")	8	16	20	11.33	ST	16-20M VERT	2284.13
1146	145	Lvl P2 -Lvl P1 (S102)	1	16	20	9.17	ST	16-20M VERT	231.08

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1147	145		9	13	10	16.90	LB	10M @ 4" TIES (T&B)	1042.04
1148	145		9	8	10	16.90	LB	10M @ 8" TIES (MID)	641.25
1149	145	CC2 (1'-6"x1'-8")	2	14	20	11.33	ST	14-20M VERT	499.65
1150	145	Details S301	2	13	10	17.29	LB	10M @ 4" TIES (T&B)	236.91
1151	145		2	8	10	17.29	LB	10M @ 8" TIES (MID)	145.79
1152	145	CC3 (1'-8"x1'-8")	5	16	25	11.83	ST	16-25M VERT	2485.25
1153	145		5	13	10	19.70	LB	10M @ 4" TIES (T&B)	674.82
1154	145		5	8	10	19.70	LB	10M @ 8" TIES (MID)	415.28
1155	145	CC7 (1'-0"x1'-0")	1	4	20	11.33	ST	4-20M VERT	71.38
1156	145		1	13	10	15.66	LB	10M @ 4" TIES (T&B)	107.29
1157	145		1	8	10	15.66	LB	10M @ 8" TIES (MID)	66.02
1158	145	CC1 (1'-0"x3'-0")	9	16	20	6.50	ST	16-20M VERT	1474.20
1159	145	Lvl P1 -Lvl Base Surface	9	13	10	16.90	LB	10M @ 4" TIES (T&B)	1042.04
1160	145	(S103)	9	1	10	16.90	LB	10M @ 8" TIES (MID)	80.16
1161	145	CC2 (1'-6"x1'-8")	2	14	20	6.50	ST	14-20M VERT	286.65
1162	145	Details S301	2	13	10	17.29	LB	10M @ 4" TIES (T&B)	236.91
1163	145		2	1	10	17.29	LB	10M @ 8" TIES (MID)	18.22
1164	145	CC3 (1'-8"x1'-8")	5	16	25	7.00	ST	16-25M VERT	1470.56
1165	145		5	13	10	19.70	LB	10M @ 4" TIES (T&B)	674.82
1166	145		5	1	10	19.70	LB	10M @ 8" TIES (MID)	51.91
1167	145	CC7 (1'-0"x1'-0")	1	4	20	6.50	ST	4-20M VERT	40.95
1168	145		1	13	10	15.66	LB	10M @ 4" TIES (T&B)	107.29
1169	145		1	1	10	15.66	LB	10M @ 8" TIES (MID)	8.25
1170	145	CC1 (1'-0"x3'-0")	9	16	20	9.26	ST	16-20M VERT	2100.17
1171	145	Lvl Base Surface -Lvl L1	9	13	10	16.90	LB	10M @ 4" TIES (T&B)	1042.04
1172	145	(S104)	9	8	10	16.90	LB	10M @ 8" TIES (MID)	641.25
1173	145	CC2 (1'-6"x1'-8")	2	14	20	9.26	ST	14-20M VERT	408.37
1174	145	Details S301	2	13	10	17.29	LB	10M @ 4" TIES (T&B)	236.91
1175	145		2	8	10	17.29	LB	10M @ 8" TIES (MID)	145.79
1176	145	CC3 (1'-8"x1'-8")	5	16	25	9.26	ST	16-25M VERT	1945.34
1177	145		5	13	10	19.70	LB	10M @ 4" TIES (T&B)	674.82
1178	145		5	8	10	19.70	LB	10M @ 8" TIES (MID)	415.28
1179	144	CC7 (1'-0"x1'-0")	3	4	20	4.00	ST	4-20M DWLS	75.60
1180	145		4	4	20	9.26	ST	4-20M VERT	233.35
1181	145		4	13	10	15.66	LB	10M @ 4" TIES (T&B)	429.15
1182	145		4	8	10	15.66	LB	10M @ 8" TIES (MID)	264.09
1183		Str Sht No : S100 (Concrete Column) - Above Level-1 to Roof							
1184	146	Column	2	16	20	4.00	ST	16-20M DWLS	201.60
1185	147	CC1 (1'-0"x3'-0")	2	16	20	8.16	ST	16-20M VERT	411.26
1186	147	Lvl L1 -Lvl L1 Upper	2	13	10	16.90	LB	10M @ 4" TIES (T&B)	231.56
1187	147		2	4	10	16.90	LB	10M @ 8" TIES (MID)	71.25
1188	146	CC2 (1'-6"x1'-8")	2	14	20	4.00	HB	14-20M DWLS	176.40
1189	147		2	14	20	8.16	ST	14-20M VERT	359.86
1190	147		2	13	10	17.29	LB	10M @ 4" TIES (T&B)	236.91
1191	147		2	4	10	17.29	LB	10M @ 8" TIES (MID)	72.89
1192	146	CC3 (1'-8"x1'-8")	8	16	25	5.00	HB	16-25M DWLS	1680.64
1193	147	Details S301	8	16	25	8.66	ST	16-25M VERT	2910.87
1194	147		8	13	10	19.70	LB	10M @ 4" TIES (T&B)	1079.72
1195	147		8	4	10	19.70	LB	10M @ 8" TIES (MID)	332.22
1196	146	CC4 (1'-8"x1'-8")	3	12	25	5.00	HB	12-25M DWLS	472.68
1197	147	Details S301	3	12	25	8.66	ST	12-25M VERT	818.68
1198	147		3	13	10	15.54	LB	10M @ 4" TIES (T&B)	319.39
1199	147		3	4	10	15.54	LB	10M @ 8" TIES (MID)	98.27
1200	146	CC7 (1'-0"x1'-0")	13	4	20	4.00	ST	4-20M DWLS	327.60
1201	147		17	4	20	8.16	ST	4-20M VERT	873.94

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1202	147		17	13	10	15.66	LB	10M @ 4" TIES (T&B)	1823.87
1203	147		17	4	10	15.66	LB	10M @ 8" TIES (MID)	561.19
1204	147	CC3 (1'-8"x1'-8")	9	16	25	11.92	ST	16-25M VERT	4507.48
1205	147	Lvl L1 Upper -Lvl L1 Mezz	9	13	10	19.70	LB	10M @ 4" TIES (T&B)	1214.68
1206	147	(S106)	9	8	10	19.70	LB	10M @ 8" TIES (MID)	747.50
1207	147	CC4 (1'-8"x1'-8")	4	12	25	11.92	ST	12-25M VERT	1502.49
1208	147		4	13	10	15.54	LB	10M @ 4" TIES (T&B)	425.86
1209	147		4	8	10	15.54	LB	10M @ 8" TIES (MID)	262.07
1210	147	CC7 (1'-0"x1'-0")	27	4	20	11.42	ST	4-20M VERT	1942.54
1211	147		27	13	10	15.66	LB	10M @ 4" TIES (T&B)	2896.74
1212	147		27	8	10	15.66	LB	10M @ 8" TIES (MID)	1782.61
1213	147	CC3 (1'-8"x1'-8")	9	16	25	11.92	ST	16-25M VERT	4507.48
1214	147	Lvl L1 Mezz - Lvl L2	9	13	10	19.70	LB	10M @ 4" TIES (T&B)	1214.68
1215	147	(S107)	9	8	10	19.70	LB	10M @ 8" TIES (MID)	747.50
1216	147	CC4 (1'-8"x1'-8")	4	12	25	11.92	ST	12-25M VERT	1502.49
1217	147		4	13	10	15.54	LB	10M @ 4" TIES (T&B)	425.86
1218	147		4	8	10	15.54	LB	10M @ 8" TIES (MID)	262.07
1219	147	CC7 (1'-0"x1'-0")	27	4	20	9.26	ST	4-20M VERT	1575.13
1220	147		27	13	10	15.66	LB	10M @ 4" TIES (T&B)	2896.74
1221	147		27	8	10	15.66	LB	10M @ 8" TIES (MID)	1782.61
1222	147	CC4 (1'-8"x1'-8")	13	12	25	14.50	ST	12-25M VERT	5940.01
1223	147	Lvl L2 - Lvl L3	13	13	10	15.54	LB	10M @ 4" TIES (T&B)	1384.04
1224	147	(S108)	13	12	10	15.54	LB	10M @ 8" TIES (MID)	1277.57
1225	147	CC7 (1'-0"x1'-0")	30	4	20	14.00	ST	4-20M VERT	2646.00
1226	147		30	13	10	15.66	LB	10M @ 4" TIES (T&B)	3218.60
1227	147		30	12	10	15.66	LB	10M @ 8" TIES (MID)	2971.02
1228	147	CC4 (1'-8"x1'-8")	13	12	25	12.00	ST	12-25M VERT	4915.87
1229	147	Lvl L3 - Lvl L4	13	13	10	15.54	LB	10M @ 4" TIES (T&B)	1384.04
1230	147	(S109)	13	13	10	15.54	LB	10M @ 8" TIES (MID)	1384.04
1231	147	CC7 (1'-0"x1'-0")	30	4	20	12.00	ST	4-20M VERT	2268.00
1232	147		30	13	10	15.66	LB	10M @ 4" TIES (T&B)	3218.60
1233	147		30	13	10	15.66	LB	10M @ 8" TIES (MID)	3218.60
1234	146	CC5 (1'-2"x1'-2")	5	8	20	3.67	HB	8-20M DWLS	231.21
1235	147	Lvl L4 - Lvl L5	5	8	20	14.33	ST	8-20M VERT	902.79
1236	147	(S110)	5	13	10	7.44	LB	10M @ 4" TIES (T&B)	254.86
1237	147		5	13	10	7.44	LB	10M @ 8" TIES (MID)	254.86
1238	146	CC6 (1'-2"x1'-2")	8	12	25	5.00	HB	12-25M DWLS	1260.48
1239	147		8	12	25	14.83	ST	12-25M VERT	3738.58
1240	147		8	13	10	10.70	LB	10M @ 4" TIES (T&B)	586.45
1241	147		8	13	10	10.70	LB	10M @ 8" TIES (MID)	586.45
1242	147	CC5 (1'-2"x1'-2")	5	8	20	14.33	ST	8-20M VERT	902.79
1243	147	Lvl L5 - Lvl L6	5	13	10	7.44	LB	10M @ 4" TIES (T&B)	254.86
1244	147	(S111)	5	13	10	7.44	LB	10M @ 8" TIES (MID)	254.86
1245	147	CC6 (1'-2"x1'-2")	8	12	25	14.83	ST	12-25M VERT	3738.58
1246	147		8	13	10	10.70	LB	10M @ 4" TIES (T&B)	586.45
1247	147		8	13	10	10.70	LB	10M @ 8" TIES (MID)	586.45
1248	147	CC5 (1'-2"x1'-2")	13	8	20	14.33	ST	8-20M VERT	2347.25
1249	147	Lvl L6 - Lvl L7	13	13	10	7.44	LB	10M @ 4" TIES (T&B)	662.63
1250	147		13	13	10	7.44	LB	10M @ 8" TIES (MID)	662.63
1251	147	CC5 (1'-2"x1'-2")	13	8	20	14.67	ST	8-20M VERT	2402.95
1252	147	Lvl L7 - Lvl L8	13	13	10	7.44	LB	10M @ 4" TIES (T&B)	662.63
1253	147		13	15	10	7.44	LB	10M @ 8" TIES (MID)	764.57

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1254		Str Sht No : S250 to S253 (Wall Elevation) - Parking Levels							
1255	148	Wall Elevations -Grid A		204	20	8.00	HB	20M @ 12" DWLS H1E EF	2570.40
1256	148	Sec 1/S250 (Wall CW-3)		42	20	10.00	HB	20M @ 12" DWLS H1E EF	661.50
1257	149	Lvl P4 -Lvl P3		246	20	12.50	ST	20M @ 12" VERT EF	4843.13
1258	149		4	20	15	29.50	SL	15M @ 12" HORZ EF	2487.44
1259	149			20	15	13.42	ST	15M @ 12" HORZ EF	282.89
1260	149	Lvl P3 -Lvl P2		246	20	12.50	ST	20M @ 12" VERT EF	4843.13
1261	149		4	20	15	29.50	SL	15M @ 12" HORZ EF	2487.44
1262	149			20	15	13.42	ST	15M @ 12" HORZ EF	282.89
1263	149	Lvl P2 -Lvl P1		246	20	12.58	ST	20M @ 12" VERT EF	4874.12
1264	149		4	20	15	29.50	SL	15M @ 12" HORZ EF	2487.44
1265	149			20	15	13.42	ST	15M @ 12" HORZ EF	282.89
1266	149	Lvl P1 -Lvl Base Surface		246	20	4.26	ST	20M @ 12" VERT EF	1650.54
1267	149		4	12	15	29.50	SL	15M @ 12" HORZ EF	1492.46
1268	149			12	15	13.42	ST	15M @ 12" HORZ EF	169.74
1269	149	Lvl Base Surface -Lvl 1		128	20	14.50	ST	20M @ 12" VERT EF	2923.20
1270	149		2	18	15	29.50	SL	15M @ 12" HORZ EF	1119.35
1271	149			18	15	8.59	ST	15M @ 12" HORZ EF	162.97
1272	149	Lvl Base Surface -Lvl 1		114	15	10.50	ST	15M @ 12" VERT EF	1261.64
1273	149		1	14	15	29.50	SL	15M @ 18" HORZ EF	435.30
1274	149			14	15	28.84	ST	15M @ 18" HORZ EF	425.56
1275	148	Wall Elevations -Grid F		132	20	10.00	HB	20M @ 12" DWLS H1E EF	2079.00
1276	148	Sec 2/S251 (Wall CW-3)		122	20	8.00	HB	20M @ 12" DWLS H1E EF	1537.20
1277	149	Lvl P4 -Lvl P3		254	20	13.75	ST	20M @ 12" VERT EF	5500.69
1278	149		4	24	15	29.50	SL	15M @ 12" HORZ EF	2984.93
1279	149			24	15	17.51	ST	15M @ 12" HORZ EF	442.93
1280	149	Lvl P3 -Lvl P2		254	20	12.50	ST	20M @ 12" VERT EF	5000.63
1281	149		4	20	15	29.50	SL	15M @ 12" HORZ EF	2487.44
1282	149			20	15	17.51	ST	15M @ 12" HORZ EF	369.11
1283	149	Lvl P2 -Lvl P1		268	20	12.50	ST	20M @ 12" VERT EF	5276.25
1284	149		4	20	15	29.50	SL	15M @ 12" HORZ EF	2487.44
1285	149			20	15	25.00	ST	15M @ 12" HORZ EF	527.00
1286	149	Lvl P1 -Lvl Base Surface		268	20	4.42	ST	20M @ 12" VERT EF	1865.68
1287	149		4	12	15	29.50	SL	15M @ 12" HORZ EF	1492.46
1288	149			12	15	25.00	ST	15M @ 12" HORZ EF	316.20
1289	149	Lvl Base Surface - Lvl 1		162	20	9.09	ST	20M @ 12" VERT EF	2319.31
1290	149		2	20	15	29.50	SL	15M @ 12" HORZ EF	1243.72
1291	149			20	15	25.42	ST	15M @ 12" HORZ EF	535.85
1292	148	Wall Elevations -Grid D		76	20	8.00	HB	20M @ 12" DWLS H1E EF	957.60
1293	149	Sec 1/S251 (Wall CW-7)		76	20	15.08	ST	20M @ 12" VERT EF	1805.08
1294	149	Lvl P4 -Lvl P3	1	26	20	29.50	SL	20M @ 12" HORZ EF	1208.03
1295	149			26	20	10.92	ST	20M @ 12" HORZ EF	447.17
1296	149	Lvl P3 -Lvl P2		76	20	12.50	ST	20M @ 12" VERT EF	1496.25
1297	149		1	20	20	29.50	SL	20M @ 12" HORZ EF	929.25
1298	149			20	20	10.92	ST	20M @ 12" HORZ EF	343.98
1299	149	Lvl P2 -Lvl P1		76	20	12.58	ST	20M @ 12" VERT EF	1505.83
1300	149		1	20	20	29.50	SL	20M @ 12" HORZ EF	929.25
1301	149			20	20	10.92	ST	20M @ 12" HORZ EF	343.98
1302	149	Lvl P1 - Lvl L1		68	20	17.08	ST	20M @ 12" VERT EF	1829.27
1303	149			10	20	9.08	ST	20M @ 12" VERT EF @Abv Opng	143.01
1304	149		1	14	20	29.50	SL	20M @ 12" HORZ EF	650.48
1305	149			14	20	10.92	ST	20M @ 12" HORZ EF	240.79
1306	149		1	16	20	29.50	SL	20M @ 12" HORZ EF @ Opng	743.40
1307	149			16	20	7.59	ST	20M @ 12" HORZ EF @ Opng	191.27
1308	149			6	20	10.00	ST	3-20M EACH SIDE OPNG ADDLS	94.50

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1309	149			2	20	8.75	ST	2-20M CONT LINTEL	27.56
1310	149			90	10	3.36	LB	10M @ 12" TIES	159.36
1311	148	Wall Elevations -Grid 7		148	20	6.00	HB	20M @ 12" DWLS H1E EF	1398.60
1312	148	Sec 2/S252 (Wall CW-3)		42	20	7.00	HB	20M @ 12" DWLS H1E EF	463.05
1313	149	Lvl P4 -Lvl P3		192	20	15.00	ST	20M @ 12" VERT EF	4536.00
1314	149		3	26	15	29.50	SL	15M @ 12" HORZ EF	2425.25
1315	149			26	15	15.84	ST	15M @ 12" HORZ EF	434.08
1316	149	Lvl P3 -Lvl P2		192	20	12.50	ST	20M @ 12" VERT EF	3780.00
1317	149		3	20	15	29.50	SL	15M @ 12" HORZ EF	1865.58
1318	149			20	15	15.84	ST	15M @ 12" HORZ EF	333.91
1319	149	Lvl P2 -Lvl P1		192	20	12.75	ST	20M @ 12" VERT EF	3855.60
1320	149		3	22	15	29.50	SL	15M @ 12" HORZ EF	2052.14
1321	149			22	15	15.84	ST	15M @ 12" HORZ EF	367.30
1322	149	Lvl P1 - Base Surface		192	20	7.67	ST	20M @ 12" VERT EF	2319.41
1323	149		3	12	15	29.50	SL	15M @ 12" HORZ EF	1119.35
1324	149			12	15	15.84	ST	15M @ 12" HORZ EF	200.34
1325	149	Base Surface - Lvl 1		192	20	6.59	ST	20M @ 12" VERT EF	1992.82
1326	149		3	16	15	29.50	SL	15M @ 12" HORZ EF	1492.46
1327	149			16	15	15.84	ST	15M @ 12" HORZ EF	267.13
1328	148	Wall Elevations -Grid 1		128	20	6.00	HB	20M @ 12" DWLS H1E EF	1209.60
1329	148	Sec 1/S252 (Wall CW-3)		42	20	7.00	HB	20M @ 12" DWLS H1E EF	463.05
1330	149	Lvl P4 -Lvl P3		172	20	12.50	ST	20M @ 12" VERT EF	3386.25
1331	149		3	20	15	29.50	SL	15M @ 12" HORZ EF	1865.58
1332	149			20	15	10.09	ST	15M @ 12" HORZ EF	212.70
1333	149	Lvl P3 -Lvl P2		172	20	12.50	ST	20M @ 12" VERT EF	3386.25
1334	149		3	20	15	29.50	SL	15M @ 12" HORZ EF	1865.58
1335	149			20	15	10.09	ST	15M @ 12" HORZ EF	212.70
1336	149	Lvl P2 -Lvl P1		172	20	12.75	ST	20M @ 12" VERT EF	3453.98
1337	149		3	22	15	29.50	SL	15M @ 12" HORZ EF	2052.14
1338	149			22	15	10.09	ST	15M @ 12" HORZ EF	233.97
1339	149	Lvl P1 - Lvl Base Surface		172	20	4.26	ST	20M @ 12" VERT EF	1154.03
1340	149		3	12	15	29.50	SL	15M @ 12" HORZ EF	1119.35
1341	149			12	15	10.09	ST	15M @ 12" HORZ EF	127.62
1342	148	Wall Elevations -Grid 3		44	20	8.00	HB	20M @ 12" DWLS H1E EF	554.40
1343	149	Sec 3/S252 (Wall CW-7)		44	20	16.92	ST	20M @ 12" VERT EF	1172.56
1344	149	Lvl P4 -Lvl P3		30	20	20.43	SL	20M @ 12" HORZ EF	965.32
1345	149	Lvl P3 -Lvl P2		44	20	12.50	ST	20M @ 12" VERT EF	866.25
1346	149			20	20	20.43	ST	20M @ 12" HORZ EF	643.55
1347	149	Lvl P2 -Lvl P1		44	20	10.75	ST	20M @ 12" VERT EF	744.98
1348	149			18	20	20.43	ST	20M @ 12" HORZ EF	579.19
1349	149	Lvl P1 - Lvl Base Surface		44	20	7.75	ST	20M @ 12" VERT EF	537.08
1350	149			12	20	20.43	ST	20M @ 12" HORZ EF	386.13
1351	149	Lvl Base Surface - Lvl 1 Lobby		28	20	12.67	ST	20M @ 6" VERT EF	558.57
1352	149			16	20	5.59	ST	20M @ 6" VERT EF @Abv Opng	140.77
1353	149			6	20	20.43	ST	20M @ 12" HORZ EF	193.06
1354	149			16	20	12.61	ST	20M @ 12" HORZ EF @ Opng	317.77
1355	148	Wall Elevations -Grid 3		24	20	8.00	HB	20M @ 12" DWLS H1E EF	302.40
1356	149	Sec 3/S252 (Wall CW-5)		24	20	14.50	ST	20M @ 12" VERT EF	548.10
1357	149	Lvl P4 -Lvl P3		24	20	20.43	ST	20M @ 12" HORZ EF	772.25
1358	149	Lvl P3 -Lvl P2		24	20	12.50	ST	20M @ 12" VERT EF	472.50
1359	149			20	20	20.43	ST	20M @ 12" HORZ EF	643.55
1360	149	Lvl P2 -Lvl P1		24	20	10.75	ST	20M @ 12" VERT EF	406.35
1361	149			18	20	20.43	ST	20M @ 12" HORZ EF	579.19
1362	149	Lvl P1 -Lvl Base Surface		24	20	7.67	ST	20M @ 12" VERT EF	289.93
1363	149			12	20	20.43	ST	20M @ 12" HORZ EF	386.13

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1364	149	Lvl Base Surface -Lvl 1 Lobby		24	20	12.67	ST	20M @ 12" VERT EF	478.93
1365	149			22	20	20.43	ST	20M @ 12" HORZ EF	707.90
1366	149	Lvl 1 Lobby - Lvl 1 Upper		24	20	9.41	ST	20M @ 12" VERT EF	355.70
1367	149			14	20	20.43	ST	20M @ 12" HORZ EF	450.48
1368	148	Wall Elevations -Grid 5		44	15	7.25	HB	15M @ 12" DWLS H1E EF	336.23
1369	149	Sec 4/S252 (Wall CW-3)		44	15	15.08	ST	15M @ 12" VERT EF	699.35
1370	149	Lvl P4 -Lvl P3		18	15	20.43	SL	15M @ 18" HORZ EF	387.60
1371	149	Lvl P3 -Lvl P2		44	15	12.50	ST	15M @ 12" VERT EF	579.70
1372	149			14	15	20.43	ST	15M @ 18" HORZ EF	301.47
1373	149	Lvl P2 -Lvl P1		44	15	12.58	ST	15M @ 12" VERT EF	583.41
1374	149			14	15	20.43	ST	15M @ 18" HORZ EF	301.47
1375	149	Lvl P1 -Lvl Base Surface		44	15	7.75	ST	15M @ 12" VERT EF	359.41
1376	149			8	15	20.43	ST	15M @ 18" HORZ EF	172.27
1377	149	Lvl Base Surface -Lvl 1 Lobby		24	15	9.26	ST	15M @ 12" VERT EF	234.24
1378	149			14	15	20.43	ST	15M @ 18" HORZ EF	301.47
1379	149			45	10	8.76	LB	10M @ 12" TIES	207.74
1380	148	Wall Elevations -Grid 1		24	20	7.25	HB	20M @ 12" DWLS H1E EF	274.05
1381	149	Sec 3/S255 (Wall CW-7)		24	20	12.50	ST	20M @ 12" VERT EF	472.50
1382	149	Lvl P4 -Lvl P3		20	20	10.68	SL	20M @ 12" HORZ EF	336.42
1383	149	Lvl P3 -Lvl P2		24	20	12.50	ST	20M @ 12" VERT EF	472.50
1384	149			20	20	10.68	SL	20M @ 12" HORZ EF	336.42
1385	149	Lvl P2 -Lvl Base Surface		24	20	11.34	ST	20M @ 12" VERT EF	428.65
1386	149			26	20	10.68	SL	20M @ 12" HORZ EF	437.35
1387	149	Lvl Base Surface - Lvl 1 Upper		16	20	19.25	ST	20M @ 6" VERT EF	485.10
1388	149			8	20	11.17	ST	20M @ 6" VERT EF @Abv Opng	140.74
1389	149			18	20	10.68	ST	20M @ 12" HORZ EF	302.78
1390	149			18	20	6.36	ST	20M @ 12" HORZ EF @ Opng	180.31
1391	148	Wall Elevations -Grid 3		24	20	7.25	HB	20M @ 12" DWLS H1E EF	274.05
1392	149	Sec 4/S255 (Wall CW-7)		24	20	12.50	ST	20M @ 12" VERT EF	472.50
1393	149	Lvl P4 -Lvl P3		20	20	10.68	ST	20M @ 12" HORZ EF	336.42
1394	149	Lvl P3 -Lvl P2		24	20	12.50	ST	20M @ 12" VERT EF	472.50
1395	149			20	20	10.68	ST	20M @ 12" HORZ EF	336.42
1396	149	Lvl P2 -Lvl Base Surface		24	20	11.34	ST	20M @ 12" VERT EF	428.65
1397	149			26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1398	149	Lvl Base Surface - Lvl 1 Upper		24	20	19.25	ST	20M @ 6" VERT EF	727.65
1399	149			34	20	10.68	ST	20M @ 12" HORZ EF	571.91
1400	148	Wall Elevations -Grid B		38	20	7.25	HB	20M @ 12" DWLS H1E EF	433.91
1401	149	Sec 5/S255 (Wall CW-3)		32	20	12.50	ST	20M @ 12" VERT EF	630.00
1402	149	Lvl P4 -Lvl P3		8	20	1.93	ST	20M @ 12" VERT EF @Abv Opng	24.32
1403	149	Stair #2		6	20	10.34	ST	20M @ 12" VERT EF @Abv Opng & b	97.71
1404	149			14	15	17.53	ST	15M @ 12" HORZ EF @Opng	258.67
1405	149			6	15	14.38	ST	15M @ 12" HORZ EF @Opng	90.94
1406	149			4	15	21.18	ST	15M @ 12" HORZ EF	89.29
1407	149	Lvl P3 -Lvl P2		38	20	12.50	ST	20M @ 12" VERT EF	748.13
1408	149			8	20	1.93	ST	20M @ 12" VERT EF @Abv Opng	24.32
1409	149			16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1410	149			4	15	21.18	ST	15M @ 12" HORZ EF	89.29
1411	149	Lvl P2 -Lvl Base Surface		38	20	14.75	ST	20M @ 12" VERT EF	882.79
1412	149			8	20	4.18	ST	20M @ 12" VERT EF @Abv Opng	52.67
1413	149			16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1414	149			4	15	21.18	ST	15M @ 12" HORZ EF	89.29
1415	148	Wall Elevations -Grid B		22	15	7.25	HB	15M @ 18" DWLS H1E EF	168.11
1416	149	Sec 5/S255 (Wall CW-2)		26	15	12.50	ST	15M @ 18" VERT EF	342.55
1417	149	Lvl P4 -Lvl P3		6	15	1.93	ST	15M @ 18" VERT EF @Abv Opng	12.21
1418	149	Stair #1a		16	15	13.53	ST	15M @ 12" HORZ EF @Opng	228.17

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1419	149			6	15	17.18	ST	15M @ 12" HORZ EF	108.65
1420	149	Lvl P3 -Lvl P2		22	15	12.50	ST	15M @ 18" VERT EF	289.85
1421	149			6	15	1.93	ST	15M @ 18" VERT EF @Abv Opng	12.21
1422	149			16	15	13.53	ST	15M @ 12" HORZ EF @Opng	228.17
1423	149			4	15	17.18	ST	15M @ 12" HORZ EF	72.43
1424	149	Lvl P2 -Lvl P1		22	15	12.67	ST	15M @ 18" VERT EF	293.79
1425	149			6	15	2.10	ST	15M @ 18" VERT EF @Abv Opng	13.28
1426	149			16	15	13.53	ST	15M @ 12" HORZ EF @Opng	228.17
1427	149			6	15	17.18	ST	15M @ 12" HORZ EF	108.65
1428	149	Lvl P1 - Lvl 1 Lobby		26	15	15.58	ST	15M @ 18" VERT EF	426.95
1429	149			26	15	17.18	ST	15M @ 12" HORZ EF	470.80
1430	149	Lvl 1 Lobby -Lvl 1 Upper		18	15	10.92	ST	15M @ 18" VERT EF	207.17
1431	149			18	15	11.18	ST	15M @ 12" HORZ EF	212.11
1432	148	Wall Elevations -Grid 6		24	20	8.00	HB	20M @ 12" DWLS H1E EF	302.40
1433	149	Sec 7/S255 (Wall CW-7)		16	20	12.50	ST	20M @ 12" VERT EF	315.00
1434	149	Lvl P4 -Lvl P3		10	20	6.76	ST	20M @ 12" VERT EF @Abv Opng	106.47
1435	149	Stair #1a		6	20	6.03	ST	20M @ 12" HORZ EF @Opng	56.98
1436	149			16	20	10.68	ST	20M @ 12" HORZ EF	269.14
1437	149	Lvl P3 -Lvl P2		24	20	12.50	ST	20M @ 12" VERT EF	472.50
1438	149			20	20	10.68	ST	20M @ 12" HORZ EF	336.42
1439	149	Lvl P2 -Lvl P1		24	20	13.08	ST	20M @ 12" VERT EF	494.42
1440	149			22	20	10.68	ST	20M @ 12" HORZ EF	370.06
1441	149	Lvl P1 -Lvl 1 Lobby		18	20	15.58	ST	20M @ 12" VERT EF	441.69
1442	149			6	20	8.83	ST	20M @ 12" VERT EF @Abv Opng	83.44
1443	149			16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1444	149			12	15	21.18	ST	15M @ 12" HORZ EF	267.88
1445	148	Elevs -Main Lift Grid 4		24	20	7.25	HB	20M @ 12" DWLS H1E EF	274.05
1446	149	Sec 1/S256 (Wall CW-7)		24	20	19.50	ST	20M @ 12" VERT EF	737.10
1447	149	Lvl P4 -Lvl P3		34	20	10.68	ST	20M @ 12" HORZ EF	571.91
1448	149	Lvl P3 -Lvl P2		24	20	13.25	ST	20M @ 12" VERT EF	500.85
1449	149			22	20	10.68	ST	20M @ 12" HORZ EF	370.06
1450	149	Lvl P2 -Lvl Base Surface		24	20	11.34	ST	20M @ 12" VERT EF	428.65
1451	149			26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1452	149	Lvl Base Surface - Lvl 1 Upper		24	20	19.25	ST	20M @ 6" VERT EF	727.65
1453	149			34	20	10.68	ST	20M @ 12" HORZ EF	571.91
1454	148	Wall Elevations -Grid B		54	20	8.00	HB	20M @ 6" DWLS H1E EF	680.40
1455	149	Sec 2/S256 (Wall CW-3)		54	20	15.08	ST	20M @ 6" VERT EF	1282.55
1456	149	Lvl P4 -Lvl P3		28	20	4.67	ST	20M @ 6" VERT EF @Abv Opng	205.95
1457	149			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67
1458	149			12	20	20.84	ST	20M @ 12" HORZ EF	393.88
1459	149	Lvl P3 -Lvl P2		54	20	12.50	ST	20M @ 6" VERT EF	1063.13
1460	149			28	20	2.09	ST	20M @ 6" VERT EF @Abv Opng	92.17
1461	149			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67
1462	149			6	20	20.84	ST	20M @ 12" HORZ EF	196.94
1463	149	Lvl P2 -Lvl P1		54	20	12.58	ST	20M @ 6" VERT EF	1069.93
1464	149			28	20	2.17	ST	20M @ 6" VERT EF @Abv Opng	95.70
1465	149			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67
1466	149			6	20	20.84	ST	20M @ 12" HORZ EF	196.94
1467	149	Lvl P1 -Lvl 1		54	20	15.58	ST	20M @ 6" VERT EF	1325.08
1468	149			28	20	5.17	ST	20M @ 6" VERT EF @Abv Opng	228.00
1469	149			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67
1470	149			12	20	20.84	ST	20M @ 12" HORZ EF	393.88
1471	149	Lvl L1 -Lvl 1 Mezz		54	20	20.25	ST	20M @ 6" VERT EF	1722.26
1472	149			28	20	9.84	ST	20M @ 6" VERT EF @Abv Opng	433.94
1473	149			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1474	149			22	20	20.84	ST	20M @ 12" HORZ EF	722.11
1475	148	Wall Elevations -Grid 5		24	20	7.25	HB	20M @ 12" DWLS H1E EF	274.05
1476	149	Sec 3/S256 (Wall CW-7)		24	20	18.50	ST	20M @ 12" VERT EF	699.30
1477	149	Lvl P4 -Lvl P3		32	20	10.68	ST	20M @ 12" HORZ EF	538.27
1478	149	Lvl P3 -Lvl P2		24	20	12.50	ST	20M @ 12" VERT EF	472.50
1479	149			20	20	10.68	ST	20M @ 12" HORZ EF	336.42
1480	149	Lvl P2 -Lvl P1		24	20	9.17	ST	20M @ 12" VERT EF	346.63
1481	149			20	20	10.68	ST	20M @ 12" HORZ EF	336.42
1482	149	Lvl P1- Lvl 1 Lobby		24	20	17.08	ST	20M @ 6" VERT EF	645.62
1483	149			30	20	10.68	ST	20M @ 12" HORZ EF	504.63
1484	149	Lvl 1 Lobby -Lvl 1 Mezz		24	20	18.83	ST	20M @ 12" VERT EF	711.77
1485	149			34	20	10.68	ST	20M @ 12" HORZ EF	571.91
1486	149	Wall CW-3		34	20	8.00	HB	20M @ 12" DWLS H1E EF	428.40
1487	149	Grid D-E/ 3-5		34	20	14.25	ST	20M @ 12" VERT EF	763.09
1488	149	Lvl P4 -Lvl P3	1	24	15	29.50	SL	15M @ 12" HORZ EF	746.23
1489	149			24	15	9.59	ST	15M @ 12" HORZ EF	242.59
1490	149	Wall CW-3		34	20	12.50	ST	20M @ 12" VERT EF	669.38
1491	149	Lvl P3 -Lvl P2	1	20	15	29.50	SL	15M @ 12" HORZ EF	621.86
1492	149			20	15	9.59	ST	15M @ 12" HORZ EF	202.16
1493	149	Wall CW-3		34	20	12.58	ST	20M @ 12" VERT EF	673.66
1494	149	Lvl P2 -Lvl P1	1	20	15	29.50	SL	15M @ 12" HORZ EF	621.86
1495	149			20	15	9.59	ST	15M @ 12" HORZ EF	202.16
1496	149	Wall CW-3		34	20	4.34	ST	20M @ 12" VERT EF	232.41
1497	149	Lvl P1 -Lvl Base Surface	1	12	15	29.50	SL	15M @ 12" HORZ EF	373.12
1498	149			12	15	9.59	ST	15M @ 12" HORZ EF	121.29
1499	149	Wall CW-1		24	20	8.00	HB	20M @ 12" DWLS H1E EF	302.40
1500	149	Grid D-E/4		24	20	14.25	ST	20M @ 12" VERT EF	538.65
1501	149	Lvl P4 -Lvl P3		24	15	10.67	ST	15M @ 12" HORZ EF	269.91
1502	149	Wall CW-1		34	20	12.50	ST	20M @ 12" VERT EF	669.38
1503	149	Lvl P3 -Lvl P2		20	15	10.67	ST	15M @ 12" HORZ EF	224.92
1504	149	Wall CW-1		24	20	12.58	ST	20M @ 12" VERT EF	475.52
1505	149	Lvl P2 -Lvl P1		20	15	10.67	ST	15M @ 12" HORZ EF	224.92
1506	149	Wall CW-1		24	20	4.34	ST	20M @ 12" VERT EF	164.05
1507	149	Lvl P1 -Lvl Base Surface		12	15	10.67	ST	15M @ 12" HORZ EF	134.95
1508		Str Sht No : S250 to S253 (Wall Elevation) - Level 1 - Roof							
1509	150	Wall Elevations -Grid A		122	15	29.50	SL	15M @ 12" VERT EF	3793.35
1510	150	Lvl 1 -Lvl 2	4	38	15	29.50	SL	15M @ 18" HORZ EF	4726.14
1511	150	(Wall CW-3 & CW-1)		38	15	21.34	ST	15M @ 18" HORZ EF	854.71
1512	150	Hatched Zone		42	20	29.50	SL	20M @ 12" VERT EF	1951.43
1513	150			56	15	26.66	HB	15M @ 12" HORZ EF	1573.58
1514	150	Hatched Zone		42	20	29.50	SL	20M @ 12" VERT EF	1951.43
1515	150			56	15	26.66	HB	15M @ 12" HORZ EF	1573.58
1516	150	Hatched Zone		30	20	29.50	SL	20M @ 12" VERT EF	1393.88
1517	150			56	15	20.66	HB	15M @ 12" HORZ EF	1219.44
1518	150			168	10	8.68	LB	10M @ 12" TIES	768.49
1519	150	Lvl 2 -Lvl 3		122	15	14.50	ST	15M @ 12" VERT EF	1864.53
1520	150	(Wall CW-3 & CW-1)	4	18	15	29.50	SL	15M @ 18" HORZ EF	2238.70
1521	150			18	15	21.34	ST	15M @ 18" HORZ EF	404.86
1522	150	Hatched Zone		42	20	15.25	ST	20M @ 12" VERT EF	1008.79
1523	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1524	150	Hatched Zone		42	20	15.25	ST	20M @ 12" VERT EF	1008.79
1525	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1526	150	Hatched Zone		30	20	15.25	ST	20M @ 12" VERT EF	720.56
1527	150			26	15	20.66	HB	15M @ 12" HORZ EF	566.17
1528	150			78	10	8.68	LB	10M @ 12" TIES	356.80

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1529	150	Lvl 3 -Lvl 4		122	15	14.66	ST	15M @ 12" VERT EF	1885.10
1530	150	(Wall CW-3 & CW-1)	4	18	15	29.50	SL	15M @ 18" HORZ EF	2238.70
1531	150			18	15	21.34	ST	15M @ 18" HORZ EF	404.86
1532	150	Hatched Zone		42	20	15.41	ST	20M @ 12" VERT EF	1019.37
1533	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1534	150	Hatched Zone		42	20	15.41	ST	20M @ 12" VERT EF	1019.37
1535	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1536	150	Hatched Zone		30	20	15.41	ST	20M @ 12" VERT EF	728.12
1537	150			26	15	20.66	HB	15M @ 12" HORZ EF	566.17
1538	150			78	10	8.68	LB	10M @ 12" TIES	356.80
1539	150	Lvl 4 -Lvl 5		112	15	14.83	ST	15M @ 12" VERT EF	1750.65
1540	150	(Wall CW-3 & CW-1)	3	18	15	29.50	SL	15M @ 18" HORZ EF	1679.02
1541	150			18	15	15.84	ST	15M @ 18" HORZ EF	300.52
1542	150	Hatched Zone		42	15	15.58	ST	15M @ 12" VERT EF	689.70
1543	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1544	150	Hatched Zone		42	15	15.58	ST	15M @ 12" VERT EF	689.70
1545	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1546	150			52	10	8.68	LB	10M @ 12" TIES	237.87
1547	150	Lvl 5 -Lvl 6		112	15	14.83	ST	15M @ 12" VERT EF	1750.65
1548	150	(Wall CW-3 & CW-1)	3	18	15	29.50	SL	15M @ 18" HORZ EF	1679.02
1549	150			18	15	15.84	ST	15M @ 18" HORZ EF	300.52
1550	150	Hatched Zone		42	15	15.58	ST	15M @ 12" VERT EF	689.70
1551	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1552	150	Hatched Zone		42	15	15.58	ST	15M @ 12" VERT EF	689.70
1553	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1554	150			52	10	8.68	LB	10M @ 12" TIES	237.87
1555	150	Lvl 6 -Lvl 7		112	15	14.83	ST	15M @ 12" VERT EF	1750.65
1556	150	(Wall CW-3 & CW-1)	3	18	15	29.50	SL	15M @ 18" HORZ EF	1679.02
1557	150			18	15	15.84	ST	15M @ 18" HORZ EF	300.52
1558	150	Hatched Zone		42	15	15.58	ST	15M @ 12" VERT EF	689.70
1559	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1560	150	Hatched Zone		42	15	15.58	ST	15M @ 12" VERT EF	689.70
1561	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1562	150			52	10	8.68	LB	10M @ 12" TIES	237.87
1563	150	Lvl 7 -Lvl 8		112	15	12.17	ST	15M @ 12" VERT EF	1436.64
1564	150	(Wall CW-3 & CW-1)	3	18	15	29.50	SL	15M @ 18" HORZ EF	1679.02
1565	150			18	15	15.84	ST	15M @ 18" HORZ EF	300.52
1566	150	Hatched Zone		42	15	15.58	ST	15M @ 12" VERT EF	689.70
1567	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1568	150	Hatched Zone		42	15	12.17	ST	15M @ 12" VERT EF	538.74
1569	150			26	15	26.66	HB	15M @ 12" HORZ EF	730.59
1570	150			52	10	8.68	LB	10M @ 12" TIES	237.87
1571	150	Lvl 8 -Lvl Roof		44	15	20.42	ST	15M @ 12" VERT EF	947.00
1572	150	Hatched Zone (Wall CW-3)		44	15	22.34	HB	15M @ 12" HORZ EF	1036.04
1573	150	Wall Elevations -Grid D		56	20	24.84	ST	20M @ 12" VERT EF	2190.89
1574	150	Sec 1/S251 (Wall CW-7)		52	20	26.93	ST	20M @ 12" HORZ EF	2205.57
1575	150	Lvl L1 - Lvl L2		156	10	3.36	LB	10M @ 12" TIES	276.23
1576	150	Lvl L2- Lvl L3		60	20	15.25	ST	20M @ 6" VERT EF	1441.13
1577	150			10	20	2.01	ST	20M @ 6" VERT EF @Abv Opng	31.66
1578	150			6	20	19.18	SL	20M @ 12" HORZ EF	181.25
1579	150			20	20	13.86	SL	20M @ 12" HORZ EF @ Opng	436.59
1580	150			78	10	3.36	LB	10M @ 12" TIES	138.12
1581	150			1	20	15.25	ST	1-20M VERT ADDL	24.02
1582	150			6	20	10.00	ST	3-20M EACH SIDE OPNG ADDLS	94.50
1583	150			2	20	8.75	ST	2-20M CONT LINTEL	27.56

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1584	150	Lvl L3- Lvl L4		60	20	15.41	ST	20M @ 6" VERT EF	1456.25
1585	150			10	20	2.17	ST	20M @ 6" VERT EF @Abv Opng	34.18
1586	150			6	20	19.18	SL	20M @ 12" HORZ EF	181.25
1587	150			20	20	13.86	SL	20M @ 12" HORZ EF @ Opng	436.59
1588	150	Lvl L4- Lvl L5		38	20	12.17	ST	20M @ 12" VERT EF	728.37
1589	150			18	20	17.51	ST	20M @ 18" HORZ EF	496.41
1590	150	Lvl L5- Lvl L6		38	20	12.17	ST	20M @ 12" VERT EF	728.37
1591	150			18	20	17.51	ST	20M @ 18" HORZ EF	496.41
1592	150	Lvl L6- Lvl L7		38	20	12.17	ST	20M @ 12" VERT EF	728.37
1593	150			18	20	17.51	ST	20M @ 18" HORZ EF	496.41
1594	150	Lvl L7- Lvl L8		38	20	12.17	ST	20M @ 12" VERT EF	728.37
1595	150			18	20	17.51	ST	20M @ 18" HORZ EF	496.41
1596	150			294	10	3.36	LB	10M @ 12" TIES	520.59
1597	150			1	20	29.50	SL	1-20M VERT ADDL	46.46
1597	150			1	20	22.00	ST	1-20M VERT ADDL	34.65
1598	150	Wall Elevations -Grid 3		36	20	6.00	ST	20M @ 6" VERT EF	340.20
1599	150	Sec 3/S252 (Wall CW-7)		8	20	5.41	ST	20M @ 6" VERT EF @Abv Opng	68.17
1600	150	Lvl 1 Lobby - Lvl 1 Upper		6	20	20.43	ST	20M @ 12" HORZ EF	193.06
1601	150			8	20	16.11	ST	20M @ 12" HORZ EF @ Opng	202.99
1602	150	Lvl 1 Upper - Lvl 1 Mezz.		28	20	12.67	ST	20M @ 6" VERT EF	558.57
1603	150			16	20	5.59	ST	20M @ 6" VERT EF @Abv Opng	140.77
1604	150			6	20	20.43	ST	20M @ 12" HORZ EF	193.06
1605	150			16	20	12.61	ST	20M @ 12" HORZ EF @ Opng	317.77
1606	150	Lvl 1 Mezz. -Lvl 2		44	20	9.26	ST	20M @ 12" VERT EF	641.72
1607	150			22	20	20.43	ST	20M @ 12" HORZ EF	707.90
1608	150		2	6	20	9.00	ST	3-20M EACH SIDE OPNG ADDLS	170.10
1609	150		2	2	20	11.50	ST	2-20M CONT LINTEL	72.45
1610	150			6	20	8.00	ST	3-20M EACH SIDE OPNG ADDLS	75.60
1611	150			2	20	8.50	ST	2-20M CONT LINTEL	26.78
1612	150			70	10	8.76	LB	10M @ 12" TIES	323.16
1613	150	Wall Elevations -Grid 3		24	20	12.67	ST	20M @ 12" VERT EF	478.93
1614	150	Sec 3/S252 (Wall CW-5)		22	20	20.43	ST	20M @ 12" HORZ EF	707.90
1615	150	Lvl 1 Upper -Lvl 1 Mezz.		24	20	9.26	ST	20M @ 12" VERT EF	350.03
1616	150	Lvl 1 Mezz. -Lvl 2		22	20	20.43	ST	20M @ 12" HORZ EF	707.90
1617	150			70	10	8.76	LB	10M @ 12" TIES	323.16
1618	150	Wall Elevations -Grid 1		24	20	12.67	ST	20M @ 12" VERT EF	478.93
1619	150	Lvl 1 Upper -Lvl 1 Mezz		22	20	10.68	SL	20M @ 12" HORZ EF	370.06
1620	150	Lvl 1 Mezz -Lvl 2		24	20	12.67	ST	20M @ 12" VERT EF	478.93
1621	150	Sec 3/S255 (Wall CW-7)		22	20	10.68	ST	20M @ 12" HORZ EF	370.06
1622	150	Lvl 2 - Lvl 3		24	20	15.25	ST	20M @ 12" VERT EF	576.45
1623	150			26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1624	150	Lvl 3 - Lvl 4		24	20	15.41	ST	20M @ 12" VERT EF	582.50
1625	150			26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1626	150	Lvl 4 - Lvl 5		24	15	15.58	ST	15M @ 12" VERT EF	394.11
1627	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1628	150	Lvl 5 - Lvl 6		24	15	15.58	ST	15M @ 12" VERT EF	394.11
1629	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1630	150	Lvl 6 - Lvl 7		24	15	15.58	ST	15M @ 12" VERT EF	394.11
1631	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1632	150	Lvl 7 - Lvl 8		24	15	13.51	ST	15M @ 12" VERT EF	341.75
1633	150			30	15	10.68	ST	15M @ 12" HORZ EF	337.70
1634	150			6	20	12.50	ST	3-20M EACH SIDE OPNG ADDLS	118.13
1635	150			2	20	7.33	ST	2-20M CONT LINTEL	23.09
1636	150			140	10	8.76	LB	10M @ 12" TIES	646.31
1637	150	Wall Elevations -Grid 3		24	20	12.67	ST	20M @ 12" VERT EF	478.93

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1638	150	Lvl 1 Upper-Lvl 1 Mezz		22	20	10.68	ST	20M @ 12" HORZ EF	370.06
1639	150	Sec 4/S255 (Wall CW-7)		24	20	12.67	ST	20M @ 12" VERT EF	478.93
1640	150	Lvl 1 Mezz-Lvl 2		22	20	10.68	ST	20M @ 12" HORZ EF	370.06
1641	150	Lvl 2 - Lvl 3		24	20	15.25	ST	20M @ 12" VERT EF	576.45
1642	150			26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1643	150	Lvl 3 - Lvl 4		24	20	15.41	ST	20M @ 12" VERT EF	582.50
1644	150			26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1645	150	Lvl 4 - Lvl 5		24	15	15.58	ST	15M @ 12" VERT EF	394.11
1646	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1647	150	Lvl 5 - Lvl 6		24	15	15.58	ST	15M @ 12" VERT EF	394.11
1648	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1649	150	Lvl 6 - Lvl 7		24	15	15.58	ST	15M @ 12" VERT EF	394.11
1650	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1651	150	Lvl 7 - Lvl 8		24	15	13.51	ST	15M @ 12" VERT EF	341.75
1652	150			30	15	10.68	ST	15M @ 12" HORZ EF	337.70
1653	150	Wall Elevations -Grid B		38	20	19.25	ST	20M @ 12" VERT EF	1152.11
1654	150	Sec 5/S255 (Wall CW-3)		8	20	8.68	ST	20M @ 12" VERT EF @Abv Opng	109.37
1655	150	Lvl Base Surface-Lvl 1 Upper		16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1656	150			18	15	21.18	ST	15M @ 12" HORZ EF	401.83
1657	150	Lvl 1 Upper-Lvl 1 Mezz		38	20	12.67	ST	20M @ 12" VERT EF	758.30
1658	150			8	20	2.10	ST	20M @ 12" VERT EF @Abv Opng	26.46
1659	150			16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1660	150			6	15	21.18	ST	15M @ 12" HORZ EF	133.94
1661	150	Lvl 1 Mezz-Lvl 2		38	20	12.67	ST	20M @ 12" VERT EF	758.30
1662	150			8	20	2.10	ST	20M @ 12" VERT EF @Abv Opng	26.46
1663	150			16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1664	150			6	15	21.18	ST	15M @ 12" HORZ EF	133.94
1665	150	Lvl 2 - Lvl 3		38	20	15.25	ST	20M @ 12" VERT EF	912.71
1666	150			8	20	4.68	ST	20M @ 12" VERT EF @Abv Opng	58.97
1667	150			16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1668	150			10	15	21.18	ST	15M @ 12" HORZ EF	223.24
1669	150	Lvl 3 - Lvl 4		38	20	15.41	ST	20M @ 12" VERT EF	922.29
1670	150			8	20	4.84	ST	20M @ 12" VERT EF @Abv Opng	60.98
1671	150			16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1672	150			10	15	21.18	ST	15M @ 12" HORZ EF	223.24
1673	150	Lvl 4 - Lvl 5		38	15	15.58	ST	15M @ 12" VERT EF	624.01
1674	150			8	15	5.01	ST	15M @ 12" VERT EF @Abv Opng	42.24
1675	150			16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1676	150			12	15	21.18	ST	15M @ 12" HORZ EF	267.88
1677	150	Lvl 5 - Lvl 6		38	15	15.58	ST	15M @ 12" VERT EF	624.01
1678	150			8	15	5.01	ST	15M @ 12" VERT EF @Abv Opng	42.24
1679	150			16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1680	150			12	15	21.18	ST	15M @ 12" HORZ EF	267.88
1681	150	Lvl 6 - Lvl 7		38	15	15.58	ST	15M @ 12" VERT EF	624.01
1682	150			8	15	5.01	ST	15M @ 12" VERT EF @Abv Opng	42.24
1683	150			16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1684	150			12	15	21.18	ST	15M @ 12" HORZ EF	267.88
1685	150	Lvl 7 - Lvl 8		38	15	13.51	ST	15M @ 12" VERT EF	541.10
1686	150			8	15	6.44	ST	15M @ 12" VERT EF @Abv Opng	54.30
1687	150			16	15	17.53	ST	15M @ 12" HORZ EF @Opng	295.63
1688	150			14	15	21.18	ST	15M @ 12" HORZ EF	312.53
1689	150		8	6	20	10.00	ST	3-20M EACH SIDE OPNG ADDLS	756.00
1690	150		8	2	20	7.50	ST	2-20M CONT LINTEL	189.00
1691	150			140	10	8.76	LB	10M @ 12" TIES	646.31
1692	150	Wall Elevations -Grid B		18	15	12.67	ST	15M @ 18" VERT EF	240.38

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1693	150	Lvl 1 Upper -Lvl 1 Mezz		22	15	11.18	ST	15M @ 12" HORZ EF	259.24
1694	150	Sec 5/S255 (Wall CW-2)		18	15	9.26	ST	15M @ 18" VERT EF	175.68
1695	150	Lvl 1 Mezz -Lvl 2		22	15	11.18	ST	15M @ 12" HORZ EF	259.24
1696	150		3	6	20	10.00	ST	3-20M EACH SIDE OPNG ADDLS	283.50
1697	150		3	2	20	7.50	ST	2-20M CONT LINTEL	70.88
1698	150	Wall Elevations -Grid 6		24	20	20.25	ST	20M @ 12" VERT EF	765.45
1699	150	Lvl 1 Lobby -Lvl 1 Mezz		36	20	10.68	ST	20M @ 12" HORZ EF	605.56
1700	150	Sec 7/S255 (Wall CW-7)		24	20	12.67	ST	20M @ 12" VERT EF	478.93
1701	150	Lvl 1 Mezz. -Lvl 2		22	20	10.68	ST	20M @ 12" HORZ EF	370.06
1702	150	Lvl 2 - Lvl 3		24	20	15.25	ST	20M @ 12" VERT EF	576.45
1703	150			26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1704	150	Lvl 3 - Lvl 4		24	20	15.41	ST	20M @ 12" VERT EF	582.50
1705	150			26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1706	150	Lvl 4 - Lvl 5		24	15	14.83	ST	15M @ 12" VERT EF	375.14
1707	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1708	150	Lvl 5 - Lvl 6		24	15	14.83	ST	15M @ 12" VERT EF	375.14
1709	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1710	150	Lvl 6 - Lvl 7		24	15	14.83	ST	15M @ 12" VERT EF	375.14
1711	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1712	150	Lvl 7 - Lvl 8		24	15	13.67	ST	15M @ 12" VERT EF	345.80
1713	150			30	15	10.68	ST	15M @ 12" HORZ EF	337.70
1714	150	Elevs -Main Lift Grid 4		24	20	12.67	ST	20M @ 12" VERT EF	478.93
1715	150	Lvl 1 Upper -Lvl 1 Mezz		22	20	10.68	ST	20M @ 12" HORZ EF	370.06
1716	150	Sec 1/S256 (Wall CW-7)		24	20	12.67	ST	20M @ 12" VERT EF	478.93
1717	150	Lvl 1 Mezz -Lvl 2		22	20	10.68	ST	20M @ 12" HORZ EF	370.06
1718	150	Lvl 2 - Lvl 3		24	20	15.25	ST	20M @ 12" VERT EF	576.45
1719	150			26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1720	150	Lvl 3 - Lvl 4		24	20	15.41	ST	20M @ 12" VERT EF	582.50
1721	150			26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1722	150	Lvl 4 - Lvl 5		24	15	14.83	ST	15M @ 12" VERT EF	375.14
1723	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1724	150	Lvl 5 - Lvl 6		24	15	14.83	ST	15M @ 12" VERT EF	375.14
1725	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1726	150	Lvl 6 - Lvl 7		24	15	14.83	ST	15M @ 12" VERT EF	375.14
1727	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1728	150	Lvl 7 - Lvl 8		24	15	16.17	ST	15M @ 12" VERT EF	409.04
1729	150			30	15	10.68	ST	15M @ 12" HORZ EF	337.70
1730	150	Lvl 8 - Lvl Roof		24	15	19.17	ST	15M @ 12" VERT EF	484.92
1731	150			40	15	10.68	ST	15M @ 12" HORZ EF	450.27
1732	150	Wall Elevations -Grid B		86	20	12.75	ST	20M @ 6" VERT EF	1726.99
1733	150	Lvl L1 Mezz -Lvl 2		22	20	20.84	ST	20M @ 12" HORZ EF	722.11
1734	150	Sec 2/S256 (Wall CW-3)		54	15	15.25	ST	15M @ 6" VERT EF	867.97
1735	150	Lvl L2 -Lvl L3		28	15	4.84	ST	15M @ 6" VERT EF @Abv Opng	142.84
1736	150			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67
1737	150			12	20	20.84	ST	20M @ 12" HORZ EF	393.88
1738	150	Lvl L3 -Lvl L4		54	15	15.41	ST	15M @ 6" VERT EF	877.08
1739	150			28	15	5.00	ST	15M @ 6" VERT EF @Abv Opng	147.56
1740	150			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67
1741	150			12	20	20.84	ST	20M @ 12" HORZ EF	393.88
1742	150	Lvl L4 -Lvl L5		54	15	15.67	ST	15M @ 6" VERT EF	891.87
1743	150			28	15	5.26	ST	15M @ 6" VERT EF @Abv Opng	155.23
1744	150			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67
1745	150			14	20	20.84	ST	20M @ 12" HORZ EF	459.52
1746	150	Lvl L5 -Lvl L6		54	15	15.50	ST	15M @ 6" VERT EF	882.20
1747	150			28	15	5.09	ST	15M @ 6" VERT EF @Abv Opng	150.22

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO: KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1748	150			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67
1749	150			12	20	20.84	ST	20M @ 12" HORZ EF	393.88
1750	150	Lvl L6 -Lvl L7		54	15	15.58	ST	15M @ 6" VERT EF	886.75
1751	150			28	15	5.17	ST	15M @ 6" VERT EF @Abv Opng	152.58
1752	150			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67
1753	150			12	20	20.84	ST	20M @ 12" HORZ EF	393.88
1754	150	Lvl L7 -Lvl L8		54	15	15.58	ST	15M @ 6" VERT EF	886.75
1755	150			28	15	5.17	ST	15M @ 6" VERT EF @Abv Opng	152.58
1756	150			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67
1757	150			12	20	20.84	ST	20M @ 12" HORZ EF	393.88
1758	150	Lvl L8 -Lvl Roof		54	15	20.51	ST	15M @ 6" VERT EF	1167.35
1759	150			28	15	13.51	ST	15M @ 6" VERT EF @Abv Opng	398.71
1760	150			16	20	13.36	ST	20M @ 12" HORZ EF @Opng	336.67
1761	150			30	20	20.84	ST	20M @ 12" HORZ EF	984.69
1762	150		24	6	20	10.00	ST	3-20M EACH SIDE OPNG ADDLS	2268.00
1763	150		24	2	20	7.50	ST	2-20M CONT LINTEL	567.00
1764	150	Wall Elevations -Grid 5		24	20	12.67	ST	20M @ 12" VERT EF	478.93
1765	150	Lvl 1 Mezz -Lvl 2		22	20	10.68	ST	20M @ 12" HORZ EF	370.06
1766	150	Sec 3/S256 (Wall CW-7)		24	20	15.25	ST	20M @ 12" VERT EF	576.45
1767	150	Lvl 2 - Lvl 3		26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1768	150	Lvl 3 - Lvl 4		24	20	15.41	ST	20M @ 12" VERT EF	582.50
1769	150			26	20	10.68	ST	20M @ 12" HORZ EF	437.35
1770	150	Lvl 4 - Lvl 5		24	15	15.58	ST	15M @ 12" VERT EF	394.11
1771	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1772	150	Lvl 5 - Lvl 6		24	15	15.58	ST	15M @ 12" VERT EF	394.11
1773	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1774	150	Lvl 6 - Lvl 7		24	15	15.58	ST	15M @ 12" VERT EF	394.11
1775	150			26	15	10.68	ST	15M @ 12" HORZ EF	292.67
1776	150	Lvl 7 - Lvl 8		24	15	16.17	ST	15M @ 12" VERT EF	409.04
1777	150			30	15	10.68	ST	15M @ 12" HORZ EF	337.70
1778	150	Lvl 8 - Lvl Roof		24	15	19.17	ST	15M @ 12" VERT EF	484.92
1779	150			40	15	10.68	ST	15M @ 12" HORZ EF	450.27
1780		Str Sht No : S100 - S103 (Parking Lvl)							
1781	151	CMU Walls	2	4	15	7.08	HB	15M @ 32" DWLS H1E	59.70
1782	152	Grid A-B/1-2	2	4	15	18.50	ST	15M @ 32" VERT	155.99
1783	152	Lvl P4 -Lvl P3	2	3	15	7.18	ST	15M @96" HORZ	45.41
1784	152		2	2	15	7.18	ST	2-15M BOND BEAM	30.27
1785	151	CMU Walls (CMU-1)		5	15	7.08	HB	15M @ 32" DWLS H1E	37.31
1786	152	Grid A-B/1-2		5	15	18.50	ST	15M @ 32" VERT	97.50
1787	152			3	15	6.50	ST	15M @ 32" VERT @ ABV OPNG	20.55
1788	152			2	15	7.08	HB	2-15M JAMB DWLS	14.92
1789	152			2	15	18.50	ST	2-15M JAMB VERT	39.00
1790	152		2	2	15	7.58	ST	2-15M CONT LINTEL	31.96
1791	152			2	15	7.18	ST	2-15M BOND BEAM	15.14
1792	152	CMU Walls	2	4	15	14.25	ST	15M @ 32" VERT	120.16
1793	152	Grid A-B/1-2	2	3	15	7.18	ST	15M @96" HORZ	45.41
1794	152	Lvl P3 -Lvl P2	2	2	15	7.18	ST	2-15M BOND BEAM	30.27
1795	152	CMU Walls	2	4	15	14.25	ST	15M @ 32" VERT	120.16
1796	152	Grid A-B/1-2	2	3	15	7.18	ST	15M @96" HORZ	45.41
1797	152	Lvl P2 -Lvl P1	2	2	15	7.18	ST	2-15M BOND BEAM	30.27
1798	152	CMU Walls	2	4	15	9.58	ST	15M @ 32" VERT	80.78
1799	152	Grid A-B/1-2	2	2	15	7.18	ST	15M @96" HORZ	30.27
1800	152	Lvl P1 -Lvl Base Surface	2	2	15	7.18	ST	2-15M BOND BEAM	30.27
1801	152	CMU Walls	2	4	15	14.25	ST	15M @ 32" VERT	120.16
1802	152	Grid A-B/1-2	2	3	15	7.18	ST	15M @96" HORZ	45.41

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1803	152	Lvl Base Surface - Lvl 1	2	2	15	7.18	ST	2-15M BOND BEAM	30.27
1804	151	CMU Walls (CMU-1)		26	15	14.25	HB	15M @ 32" DWLS H1E	390.51
1805	152	Grid B/1-4		26	15	14.25	ST	15M @ 32" VERT	390.51
1806	152		2	3	15	29.50	SL	15M @96" HORZ	186.56
1807	152			3	15	9.84	ST	15M @96" HORZ	31.11
1808	152			2	15	29.50	SL	2-15M BOND BEAM	62.19
1809	152			2	15	9.84	ST	2-15M BOND BEAM	20.74
1810		Str Sht No : S104 - S107 (Lvl 1)							
1811	153	CMU Walls	2	4	15	8.00	ST	15M @ 32" VERT	67.46
1812	153	Grid A-B/1-2	2	2	15	7.18	ST	15M @96" HORZ	30.27
1813	153	Lvl L1 - Lvl 1 Uppper	2	2	15	7.18	ST	2-15M BOND BEAM	30.27
1814	153	CMU Walls (CMU-1)		26	15	8.00	ST	15M @ 32" VERT	219.23
1815	153	Grid B/1-4	2	2	15	29.50	SL	15M @96" HORZ	124.37
1816	153			2	15	9.84	ST	15M @96" HORZ	20.74
1817	153			2	15	29.50	SL	2-15M BOND BEAM	62.19
1818	153			2	15	9.84	ST	2-15M BOND BEAM	20.74
1819		Str Sht No : S100 - S103 (Parking Lvl)							
1820	154	Staircase (S600)		6	15	13.18	HB	15M @ 8"LONG WAY	83.35
1821	154	Lvl P4 -Lvl P3		8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1822	154	Flight (Details S610)		7	10	3.35	ST	10M NOSING BAR	12.36
1823	154	Landing	2	5	15	9.01	ST	15M @ 12"LONG WAY	94.97
1824	154		2	10	15	6.01	HB	15M @ 12"SHORT WAY	126.69
1825	154	Flight		6	15	14.18	HB	15M @ 8"LONG WAY	89.67
1826	154			8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1827	154			7	10	3.35	ST	10M NOSING BAR	12.36
1828	154	Lvl P3 -Lvl P2		6	15	13.18	HB	15M @ 8"LONG WAY	83.35
1829	154	Flight (Details S610)		8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1830	154			7	10	3.35	ST	10M NOSING BAR	12.36
1831	154	Landing	2	5	15	9.01	ST	15M @ 12"LONG WAY	94.97
1832	154		2	10	15	6.01	HB	15M @ 12"SHORT WAY	126.69
1833	154	Flight		6	15	14.18	HB	15M @ 8"LONG WAY	89.67
1834	154			8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1835	154			7	10	3.35	ST	10M NOSING BAR	12.36
1836	154	Lvl P2 -Lvl P1		6	15	13.18	HB	15M @ 8"LONG WAY	83.35
1837	154	Flight (Details S610)		8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1838	154			7	10	3.35	ST	10M NOSING BAR	12.36
1839	154	Landing	2	5	15	9.01	ST	15M @ 12"LONG WAY	94.97
1840	154		2	10	15	6.01	HB	15M @ 12"SHORT WAY	126.69
1841	154	Flight		6	15	13.18	HB	15M @ 8"LONG WAY	83.35
1842	154			8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1843	154			7	10	3.35	ST	10M NOSING BAR	12.36
1844	154	Lvl P1 -Lvl L1 Lobby		6	15	13.18	HB	15M @ 8"LONG WAY	83.35
1845	154	Flight (Details S610)		8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1846	154			7	10	3.35	ST	10M NOSING BAR	12.36
1847	154	Landing	2	5	15	9.01	ST	15M @ 12"LONG WAY	94.97
1848	154		2	10	15	6.01	HB	15M @ 12"SHORT WAY	126.69
1849	154	Flight		6	15	14.18	HB	15M @ 8"LONG WAY	89.67
1850	154			8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1851	154			7	10	3.35	ST	10M NOSING BAR	12.36
1852	154	Flight		6	15	11.18	HB	15M @ 8"LONG WAY	70.70
1853	154			6	15	3.35	ST	15M @ 16"SHORT WAY	21.19
1854	154			5	10	3.35	ST	10M NOSING BAR	8.83
1855	154	Staircase (S603)		6	15	13.18	HB	15M @ 8"LONG WAY	83.35
1856	154	Lvl P4 -Lvl P3		8	15	3.35	ST	15M @ 16"SHORT WAY	28.25

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1857	154	Flight (Details S610)		7	10	3.35	ST	10M NOSING BAR	12.36
1858	154	Landing	2	9	15	17.68	ST	15M @ 12"LONG WAY	335.42
1859	154		2	19	15	10.34	HB	15M @ 12"SHORT WAY	414.14
1860	154	Flight		6	15	12.18	HB	15M @ 8"LONG WAY	77.03
1861	154			7	15	3.35	ST	15M @ 16"SHORT WAY	24.72
1862	154			7	10	3.35	ST	10M NOSING BAR	12.36
1863	154	Lvl P3 -Lvl P2		6	15	13.18	HB	15M @ 8"LONG WAY	83.35
1864	154	Flight (Details S610)		8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1865	154			7	10	3.35	ST	10M NOSING BAR	12.36
1866	154	Landing	2	9	15	17.68	ST	15M @ 12"LONG WAY	335.42
1867	154		2	19	15	10.34	HB	15M @ 12"SHORT WAY	414.14
1868	154	Flight		6	15	12.18	HB	15M @ 8"LONG WAY	77.03
1869	154			7	15	3.35	ST	15M @ 16"SHORT WAY	24.72
1870	154			7	10	3.35	ST	10M NOSING BAR	12.36
1871	154	Lvl P2 -Lvl P1		6	15	16.43	HB	15M @ 8"LONG WAY	103.90
1872	154	Flight (Details S610)		10	15	3.35	ST	15M @ 16"SHORT WAY	35.31
1873	154			7	10	3.35	ST	10M NOSING BAR	12.36
1874	154	Landing	2	9	15	10.35	ST	15M @ 12"LONG WAY	196.36
1875	154		2	12	15	10.34	HB	15M @ 12"SHORT WAY	261.56
1876	154	Flight		6	15	13.18	HB	15M @ 8"LONG WAY	83.35
1877	154			8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1878	154			7	10	3.35	ST	10M NOSING BAR	12.36
1879	154	Lvl P1 -Lvl L1 upper		6	15	21.18	HB	15M @ 8"LONG WAY	133.94
1880	154	Flight (Details S610)		14	15	3.35	ST	15M @ 16"SHORT WAY	49.43
1881	154			15	10	3.35	ST	10M NOSING BAR	26.48
1882	154	Landing	2	9	15	17.68	ST	15M @ 12"LONG WAY	335.42
1883	154		2	19	15	10.34	HB	15M @ 12"SHORT WAY	414.14
1884	154	Flight		6	15	16.68	HB	15M @ 8"LONG WAY	105.48
1885	154			10	15	3.35	ST	15M @ 16"SHORT WAY	35.31
1886	154			10	10	3.35	ST	10M NOSING BAR	17.65
1887		Str Sht No : S104 - S107 (Lvl 1)							
1888	155	Lvl L1 upper -Lvl L1 Mezz		6	15	17.18	HB	15M @ 8"LONG WAY	108.65
1889	155	Flight (Details S610)		11	15	3.35	ST	15M @ 16"SHORT WAY	38.84
1890	155			11	10	3.35	ST	10M NOSING BAR	19.42
1891	155	Landing	2	9	15	17.68	ST	15M @ 12"LONG WAY	335.42
1892	155		2	19	15	10.34	HB	15M @ 12"SHORT WAY	414.14
1893	155	Flight		6	15	10.18	HB	15M @ 8"LONG WAY	64.38
1894	155			5	15	3.35	ST	15M @ 16"SHORT WAY	17.65
1895	155			5	10	3.35	ST	10M NOSING BAR	8.83
1896	155	Lvl L1 Mezz -Lvl L2		6	15	18.18	HB	15M @ 8"LONG WAY	114.97
1897	155	Flight (Details S610)		11	15	3.35	ST	15M @ 16"SHORT WAY	38.84
1898	155			11	10	3.35	ST	10M NOSING BAR	19.42
1899	155	Landing	2	9	15	17.68	ST	15M @ 12"LONG WAY	335.42
1900	155		2	19	15	10.34	HB	15M @ 12"SHORT WAY	414.14
1901	155	Flight		6	15	10.18	HB	15M @ 8"LONG WAY	64.38
1902	155			5	15	3.35	ST	15M @ 16"SHORT WAY	17.65
1903	155			5	10	3.35	ST	10M NOSING BAR	8.83
1904	155	Lvl L2 -Lvl L3		6	15	18.18	HB	15M @ 8"LONG WAY	114.97
1905	155	Flight (Details S610)		11	15	3.35	ST	15M @ 16"SHORT WAY	38.84
1906	155			11	10	3.35	ST	10M NOSING BAR	19.42
1907	155	Landing	2	9	15	17.68	ST	15M @ 12"LONG WAY	335.42
1908	155		2	19	15	10.34	HB	15M @ 12"SHORT WAY	414.14
1909	155	Flight		6	15	18.18	HB	15M @ 8"LONG WAY	114.97
1910	155			11	15	3.35	ST	15M @ 16"SHORT WAY	38.84
1911	155			11	10	3.35	ST	10M NOSING BAR	19.42

ESTIMATED TAKEOFF
East 4th Avenue Office Building

PROJECT NO:

KRS-027

BID DATE: 5th Dec 2018

1428247.11

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1912	155	Lvl L3 -Lvl L4	2	6	15	16.18	HB	15M @ 8"LONG WAY	204.64
1913	155	Flight (Details S610)	2	10	15	3.35	ST	15M @ 16"SHORT WAY	70.62
1914	155		2	7	10	3.35	ST	10M NOSING BAR	24.72
1915	155	Landing	2	9	15	17.68	ST	15M @ 12"LONG WAY	335.42
1916	155		2	19	15	10.34	HB	15M @ 12"SHORT WAY	414.14
1917	155	Flight		6	15	18.18	HB	15M @ 8"LONG WAY	114.97
1918	155			11	15	3.35	ST	15M @ 16"SHORT WAY	38.84
1919	155			11	10	3.35	ST	10M NOSING BAR	19.42
1920	155	Lvl L4 -Lvl L5		6	15	14.35	HB	15M @ 8"LONG WAY	90.75
1921	155	Flight (Details S610)		8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1922	155			10	10	3.35	ST	10M NOSING BAR	17.65
1923	155	Landing	2	9	15	17.68	ST	15M @ 12"LONG WAY	335.42
1924	155		2	19	15	10.34	HB	15M @ 12"SHORT WAY	414.14
1925	155	Flight		6	15	18.68	HB	15M @ 8"LONG WAY	118.13
1926	155			12	15	3.35	ST	15M @ 16"SHORT WAY	42.37
1927	155			11	10	3.35	ST	10M NOSING BAR	19.42
1928	155	Lvl L5 -Lvl L6		6	15	14.35	HB	15M @ 8"LONG WAY	90.75
1929	155	Flight (Details S610)		8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1930	155			10	10	3.35	ST	10M NOSING BAR	17.65
1931	155	Landing	2	9	15	17.68	ST	15M @ 12"LONG WAY	335.42
1932	155		2	19	15	10.34	HB	15M @ 12"SHORT WAY	414.14
1933	155	Flight		6	15	18.68	HB	15M @ 8"LONG WAY	118.13
1934	155			12	15	3.35	ST	15M @ 16"SHORT WAY	42.37
1935	155			11	10	3.35	ST	10M NOSING BAR	19.42
1936	155	Lvl L6 -Lvl L7		6	15	14.35	HB	15M @ 8"LONG WAY	90.75
1937	155	Flight (Details S610)		8	15	3.35	ST	15M @ 16"SHORT WAY	28.25
1938	155			10	10	3.35	ST	10M NOSING BAR	17.65
1939	155	Landing	2	9	15	17.68	ST	15M @ 12"LONG WAY	335.42
1940	155		2	19	15	10.34	HB	15M @ 12"SHORT WAY	414.14
1941	155	Flight		6	15	18.68	HB	15M @ 8"LONG WAY	118.13
1942	155			12	15	3.35	ST	15M @ 16"SHORT WAY	42.37
1943	155			11	10	3.35	ST	10M NOSING BAR	19.42
1944	155	Lvl L7 -Lvl L8		6	15	10.68	HB	15M @ 8"LONG WAY	67.54
1945	155	Flight (Details S610)		6	15	3.35	ST	15M @ 16"SHORT WAY	21.19
1946	155			6	10	3.35	ST	10M NOSING BAR	10.59
1947	155	Landing	2	9	15	17.68	ST	15M @ 12"LONG WAY	335.42
1948	155		2	19	15	10.34	HB	15M @ 12"SHORT WAY	414.14
1949	155	Flight		6	15	15.93	HB	15M @ 8"LONG WAY	100.74
1950	155			10	15	3.35	ST	15M @ 16"SHORT WAY	35.31
1951	155			9	10	3.35	ST	10M NOSING BAR	15.89
1952									
1953									
1954									
1955									
Total Weight									1428247.11