

ภาคผนวก ง

ตารางการถอดปริมาณงานคอนกรีต เสาคอมมู และ Abutment
จากจากการคำนวณมือ

Cast In Place Bill of Materials						
Project Number:1						
Project Name:Trimble Solutions Corporation						
Created by: Jarawan on 17.05.2017						
Qty: Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):	
8 COLUMN	C25/30 2800			400*3375	3.78	9072.00
Bent Rebar List:						
Qty:Grade:	Size:	Typ:	Length:	Total Length:		
576 Undefined	12		1 2750	1584000		
80 Undefined	20		7 7300	584000		
Qty: Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):	
4 COLUMN	C25/30 4600			4100*1200	22.63	54316.80
Bent Rebar List:						
Qty:Grade:	Size:	Typ:	Length:	Total Length:		
8 Undefined	12		4 2060	16480		
8 Undefined	12		4 3060	24480		
16 Undefined	12		4 4960	79360		
72 Undefined	12		14 6520	469440		
72 Undefined	12		14 9410	677520		
72 Undefined	12		27 1290	92880		
72 Undefined	12		27 4210	303120		
112 Undefined	12		48 10510	1177120		
64 Undefined	32		1 4650	297600		
Qty: Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):	
1 COLUMN	C25/30 9500			4100*1200	46.74	112176.00
Bent Rebar List:						
Qty:Grade:	Size:	Typ:	Length:	Total Length:		
2 Undefined	12		4 2060	4120		
2 Undefined	12		4 3060	6120		
4 Undefined	12		4 4960	19840		
26 Undefined	12		14 6520	169520		
26 Undefined	12		14 9410	244660		
26 Undefined	12		27 1290	33540		
26 Undefined	12		27 4210	109460		
44 Undefined	12		48 10510	462440		
16 Undefined	32		1 9550	152800		

รูปที่ ค.1 ตารางการถอดปริมาณงานจากโปรแกรมเทคกล้า

Cast In Place Bill of Materials						
Project Number:1						
Project Name:Trimble Solutions Corporation						
Created by: Jarawan on 17.05.2017						
Qty: Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):	
3 COLUMN	C25/30 9600			4100*1200	47.23	113356.80
Bent Rebar List:						
Qty:Grade:	Size:	Typ:	Length:	Total Length:		
6 Undefined	12		4 2060	12360		
6 Undefined	12		4 3060	18360		
12 Undefined	12		4 4960	59520		
78 Undefined	12		14 6520	508560		
81 Undefined	12		14 9410	762210		
78 Undefined	12		27 1290	100620		
81 Undefined	12		27 4210	341010		
135 Undefined	12		48 10510	1418850		
48 Undefined	32		1 9650	463200		
Qty: Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):	
4 COLUMN	C25/30 12600			4100*1200	61.99	148780.80
Bent Rebar List:						
Qty:Grade:	Size:	Typ:	Length:	Total Length:		
8 Undefined	12		4 2060	16480		
8 Undefined	12		4 3060	24480		
16 Undefined	12		4 4960	79360		
124 Undefined	12		14 6520	808480		
128 Undefined	12		14 9410	1204480		
124 Undefined	12		27 1290	159960		
128 Undefined	12		27 4210	538880		
220 Undefined	12		48 10510	2312200		
64 Undefined	32		1 12650	809600		
Qty: Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):	
4 COLUMN	C25/30 2800			10000*400	11.20	26880.00
Bent Rebar List:						
Qty:Grade:	Size:	Typ:	Length:	Total Length:		
804 Undefined	12		1 2750	2211000		
12 Undefined	16		1 2750	33000		
40 Undefined	20		4 10200	408000		
40 Undefined	20		4 20010	800400		
Qty: Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):	
8 PAD FOOTING	Concret 1650			5750*2000	18.98	45540.00

รูปที่ ค.2 ตารางการถอดปริมาณงานจากโปรแกรมเทคกล้า

List Report						
Bent Rebar List:						
Qty:	Grade:	Size:	Typ:	Length:	Total Length:	
80	Undefined	16		1 1600	128000	
32	Undefined	16		4 7960	254720	
48	Undefined	16		7 15280	733440	
40	Undefined	16		14 10470	418800	
296	Undefined	20		4 4880	1444480	
320	Undefined	32	2_2	4 5750	1840000	
112	Undefined	32		4 8620	965440	
Qty:	Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):
2	PAD FOOTING	Concret 1650			9600*3000	47.52 114048.00
Bent Rebar List:						
Qty:	Grade:	Size:	Typ:	Length:	Total Length:	
20	Undefined	16		1 1600	32000	
8	Undefined	16		4 12810	102480	
12	Undefined	16		7 24980	299760	
10	Undefined	16		14 10470	104700	
124	Undefined	20		4 5880	729120	
80	Undefined	32	2_2	4 5750	460000	
42	Undefined	32		4 12470	523740	
Qty:	Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):
4	PAD FOOTING	Concret 1000			10000*3375	33.75 81000.00
Bent Rebar List:						
Qty:	Grade:	Size:	Typ:	Length:	Total Length:	
24	Undefined	8		1 950	22800	
16	Undefined	8		14 26530	424480	
16	Undefined	12		1 950	15200	
16	Undefined	12		4 13610	217760	
196	Undefined	25		4 4940	968240	
92	Undefined	25		4 11620	1069040	
Qty:	Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):
1	PAD FOOTING	Concret 1650			10000*3375	55.69 133650.00
Bent Rebar List:						
Qty:	Grade:	Size:	Typ:	Length:	Total Length:	
10	Undefined	16		1 1600	16000	
4	Undefined	16		4 13590	54360	

รูปที่ ค.3 ตารางการถอดปริมาณงานจากโปรแกรมเทคค่า

List Report						
Bent Rebar List:						
Qty:	Grade:	Size:	Typ:	Length:	Total Length:	
12	Undefined	16		7 24980	299760	
10	Undefined	16		14 10470	104700	
124	Undefined	20		4 5880	729120	
80	Undefined	32	2_2	4 5750	460000	
42	Undefined	32		4 12470	523740	
Qty:	Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):
4	PAD FOOTING	Concret 1000			10000*3375	33.75 81000.00
Bent Rebar List:						
Qty:	Grade:	Size:	Typ:	Length:	Total Length:	
24	Undefined	8		1 950	22800	
16	Undefined	8		14 26530	424480	
16	Undefined	12		1 950	15200	
16	Undefined	12		4 13610	217760	
196	Undefined	25		4 4940	968240	
92	Undefined	25		4 11620	1069040	
Qty:	Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):
1	PAD FOOTING	Concret 1650			10000*3375	55.69 133650.00
Bent Rebar List:						
Qty:	Grade:	Size:	Typ:	Length:	Total Length:	
10	Undefined	16		1 1600	16000	
4	Undefined	16		4 13890	54360	
6	Undefined	16		7 26530	159180	
5	Undefined	16		14 10470	52350	
65	Undefined	20		4 6260	406900	
40	Undefined	32	2_2	4 5750	230000	
23	Undefined	32		4 12870	296010	
Qty:	Name:	Material:	Length:	Profile:	Volume (m3)	Weight (kg):
1	PAD FOOTING	Concret 1650			10000*3757	61.99 148777.20
Bent Rebar List:						
Qty:	Grade:	Size:	Typ:	Length:	Total Length:	
10	Undefined	16		1 1600	16000	
4	Undefined	16		4 13970	55880	
6	Undefined	16		7 27300	163800	
5	Undefined	16		14 10470	52350	
65	Undefined	20		4 6640	431600	
40	Undefined	32	2_2	4 5750	230000	
26	Undefined	32		4 12870	334620	

รูปที่ ค.4 ตารางการถอดปริมาณงานจากโปรแกรมเทคค่า