

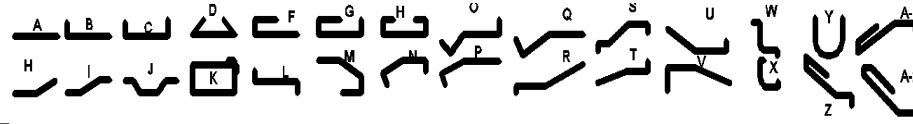
Kidma Building Contractor

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Eyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



Page

Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type andTotal of Length of Bar/s						
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20
1BF Columns												
C1(900x500)	A	24	16	2	4.32	-	-	-	-	-	-	-
Stirrup(c/c150)	K	8	7	2	2.70	-	37.80	-	-	-	-	-
Stirrup(c/c100)	K	8	20	2	2.70	-	108.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	2	1.35	-	18.90	-	-	-	-	-
Stirrup(c/c100)	K	8	20	2	1.35	-	54.00	-	-	-	-	-
C2 (800x300)	A	16	16	10	4.00	-	-	-	-	-	640.00	-
Stirrup(c/c150)	K	8	7	10	2.10	-	147.00	-	-	-	-	-
Stirrup(c/c100)	K	8	20	10	2.10	-	420.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	10	0.95	-	66.50	-	-	-	-	-
Stirrup(c/c100)	K	8	20	10	0.95	-	190.00	-	-	-	-	-
C3 (800x300)	A	20	14	1	4.16	-	-	-	-	-	-	58.24
Stirrup(c/c150)	K	8	7	1	2.10	-	14.70	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.10	-	42.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	0.95	-	6.65	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	0.95	-	19.00	-	-	-	-	-
C4 (800x300)	A	20	14	1	4.16	-	-	-	-	-	-	58.24
Stirrup(c/c150)	K	8	7	1	2.10	-	14.70	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.10	-	42.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	0.95	-	6.65	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	0.95	-	19.00	-	-	-	-	-
C5 (900x500)	A	20	18	1	4.16	-	-	-	-	-	-	74.88
Stirrup(c/c150)	K	8	7	1	2.70	-	18.90	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.70	-	54.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.35	-	9.45	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.35	-	27.00	-	-	-	-	-
C6(900x500)	A	24	20	1	4.32	-	-	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	2.70	-	18.90	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.70	-	54.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.35	-	9.45	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.35	-	27.00	-	-	-	-	-
C7 (800x300)	A	20	20	1	4.00	-	-	-	-	-	-	80.00
Stirrup(c/c150)	K	8	7	1	2.10	-	14.70	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.10	-	42.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	0.95	-	6.65	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	0.95	-	19.00	-	-	-	-	-
C8 (900x500)	A	24	28	1	4.32	-	-	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	2.70	-	18.90	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.70	-	54.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.35	-	9.45	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.35	-	27.00	-	-	-	-	-
C9 (900x400)	A	20	14	1	4.16	-	-	-	-	-	-	58.24
Stirrup(c/c150)	K	8	7	1	2.50	-	17.50	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.50	-	50.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.15	-	8.05	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.15	-	23.00	-	-	-	-	-
			Total length(M)			-	1,715.85	-	-	-	640.0	329.6
			Weight per M			0.222	0.395	0.617	0.888	1.21	1.58	2.47
			Total weight (kg)			-	677.76	-	-	-	1,011.20	814.11

Prepared:-
Date:-

Approved :-
Date :-

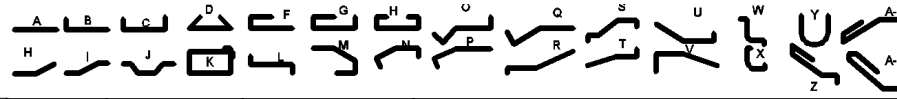
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Kidma Building Contractor

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Eyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



Page

Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s						
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20
C10 (900x400)	A	16	18	1	4.00	-	-	-	-	-	72.00	-
Stirrup(c/c150)	K	8	7	1	2.50	-	17.50	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.50	-	50.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.15	-	8.05	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.15	-	23.00	-	-	-	-	-
C11 (900x400)	A	20	16	1	4.16	-	-	-	-	-	-	66.56
Stirrup(c/c150)	K	8	7	1	2.50	-	17.50	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.50	-	50.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.15	-	8.05	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.15	-	23.00	-	-	-	-	-
C12 (900x400)	A	16	16	1	4.00	-	-	-	-	-	64.00	-
Stirrup(c/c150)	K	8	7	1	2.50	-	17.50	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.50	-	50.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.15	-	8.05	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.15	-	23.00	-	-	-	-	-
						-	-	-	-	-	-	-
						-	-	-	-	-	-	-
						-	-	-	-	-	-	-
						-	-	-	-	-	-	-
						-	-	-	-	-	-	-
						-	-	-	-	-	-	-
Total length(M)						-	295.65	-	-	-	136.00	66.56
Weight per M						0.222	0.395	0.617	0.888	1.21	1.58	2.47
Total weight (kg)						-	116.78	-	-	-	214.88	164.40

Prepared:-

Date:-

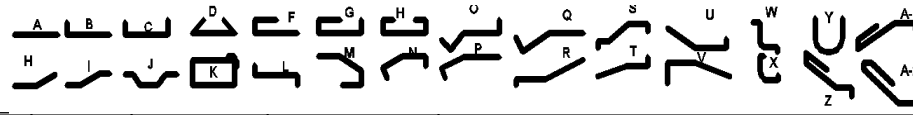
Approved :-

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Kidma Building Contractor



Project: Hotel building
Contractor: Kidma Contractor
Client: Yuluch Eiyano Trading P.L.C
Consultant: Dawit Semret Consultancy P.L.C



Page

Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type andTotal of Length of Bar/s						
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20
1BF Columns												
Axis A b/n 2 (1pcs)												
C1(900x500)	A	24	16	2	4.32	-	-	-	-	-	-	-
Stirrup(c/c150)	K	8	7	2	2.70	-	37.80	-	-	-	-	-
Stirrup(c/c100)	K	8	20	2	2.70	-	108.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	2	1.35	-	18.90	-	-	-	-	-
Stirrup(c/c100)	K	8	20	2	1.35	-	54.00	-	-	-	-	-
Axis 1 b/n A,B,C,D,E,F,G&H (8 pcs)												
C2 (800x300)	A	16	16	8	4.00	-	-	-	-	-	512.00	-
Stirrup(c/c150)	K	8	7	8	2.10	-	117.60	-	-	-	-	-
Stirrup(c/c100)	K	8	20	8	2.10	-	336.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	8	0.95	-	53.20	-	-	-	-	-
Stirrup(c/c100)	K	8	20	8	0.95	-	152.00	-	-	-	-	-
Axis C b/n 2 (1pcs)												
C5 (900x500)	A	20	18	1	4.16	-	-	-	-	-	-	74.88
Stirrup(c/c150)	K	8	7	1	2.70	-	18.90	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.70	-	54.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.35	-	9.45	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.35	-	27.00	-	-	-	-	-
Axis C b/n 3 (1pcs)												
C6(900x500)	A	24	20	1	4.32	-	-	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	2.70	-	18.90	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.70	-	54.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.35	-	9.45	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.35	-	27.00	-	-	-	-	-
Axis E b/n 3 (1pcs)												
C8 (900x500)	A	24	28	1	4.32	-	-	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	2.70	-	18.90	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.70	-	54.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.35	-	9.45	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.35	-	27.00	-	-	-	-	-
Axis G b/n 2 (1pcs)												
C10 (900x400)	A	16	18	1	4.00	-	-	-	-	-	72.00	-
Stirrup(c/c150)	K	8	7	1	2.50	-	17.50	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.50	-	50.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.15	-	8.05	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.15	-	23.00	-	-	-	-	-
Axis G b/n 3 (1pcs)												
C11 (900x400)	A	20	16	1	4.16	-	-	-	-	-	-	66.56
Stirrup(c/c150)	K	8	7	1	2.50	-	17.50	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.50	-	50.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.15	-	8.05	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.15	-	23.00	-	-	-	-	-
						-	-	-	-	-	-	-
			Total length(M)			-	1,402.65	-	-	-	584.0	141.4
			Weight per M			0.222	0.395	0.617	0.888	1.208	1.578	2.468
			Total weight (kg)			-	554.05	-	-	-	921.55	349.07

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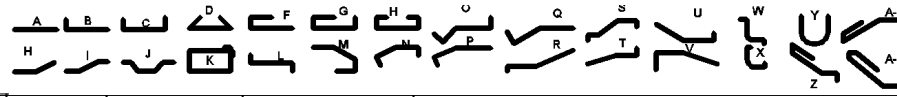
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Kidma Building Contractor



Project: Hotel building
Contractor: Kidma Contractor
Client: Yuluch Eiyano Trading P.L.C
Consultant: Dawit Semret Consultancy P.L.C



Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s						
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20
C10 (900x400)	A	16	18	1	4.00	-	-	-	-	-	72.00	-
Stirrup(c/c150)	K	8	7	1	2.50	-	17.50	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.50	-	50.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.15	-	8.05	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.15	-	23.00	-	-	-	-	-
C11 (900x400)	A	20	16	1	4.16	-	-	-	-	-	-	66.56
Stirrup(c/c150)	K	8	7	1	2.50	-	17.50	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.50	-	50.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.15	-	8.05	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.15	-	23.00	-	-	-	-	-
C12 (900x400)	A	16	16	1	4.00	-	-	-	-	-	64.00	-
Stirrup(c/c150)	K	8	7	1	2.50	-	17.50	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	2.50	-	50.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	1	1.15	-	8.05	-	-	-	-	-
Stirrup(c/c100)	K	8	20	1	1.15	-	23.00	-	-	-	-	-
C13 (500x250)	A	16	10	12	3.15	-	-	-	-	-	378.00	-
Stirrup(c/c150)	K	8	7	12	1.40	-	117.60	-	-	-	-	-
Stirrup(c/c100)	K	8	20	12	1.40	-	336.00	-	-	-	-	-
Stirrup(c/c150)	K	8	7	12	0.85	-	71.40	-	-	-	-	-
Stirrup(c/c100)	K	8	20	12	0.85	-	204.00	-	-	-	-	-
Total length(M)						-	1,024.65	-	-	-	514.00	66.56
Weight per M						0.222	0.395	0.617	0.888	1.208	1.578	2.468
Total weight (kg)						-	404.74	-	-	-	811.09	164.27

Prepared:-
Date:-

Approved :-
Date :-

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Project: Hotel Building
Contractor: Kidma Building Contractor
Client: Yuluch Elyano Trading P.L.C
Consultant: Dawit Semret Consultancy P.L.C

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Kidma Building Contractor

Payment No-4

Page :-1of 6

VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH	VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH
			2.03 provide, cut and fix in position sawn zigba wood or equivalent formwork c) in basement columns				
			1st Basement columns				
2	0.90		Column -1				
	2.54	4.57	Axis A b/n 2 & 3				
			D=3.36-0.30=3.06m				
2	0.50						
	2.54	2.54					
2	0.80		Column -2				
	2.54	4.06	Axis 1 b/n A				
			D=3.36-(0.32+0.50)=2.54m				
2	0.30						
	2.54	1.52					
			Column -2				
16	0.80		Axis 1 b/n B,C,D,F,G & H and Axis 4 b/n C & H				
	3.06	39.17					
			D=3.36-0.30=3.06m				
16	0.30						
	3.06	14.69					
2	0.80		Column -3				
	2.54	4.06	Axis A b/n 4				
			D=3.36-(0.50+0.30)=2.54m				
2	0.30						
	2.54	1.52					
2	0.80		Column -4				
	3.06	4.90	Axis B b/n 4				
			D=3.36-0.30=3.06m				
2	0.30						
	3.06	1.84					
2	0.90		Column -5				
	3.06	5.51	Axis C b/n 2				
			D=3.36-0.30=3.06m				
2	0.50						
	3.06	3.06					
2	0.90		Column -6				
	3.06	5.51	Axis C b/n 3				
			D=3.36-0.30=3.06m				
2	0.50						
	3.06	3.06					
2	0.80		Column -7				
	3.06	4.90	Axis D b/n 4				
			D=3.36-0.30=3.06m				
2	0.30						
	3.06	1.84					
2	0.90		Column -8				
	3.06	5.51	Axis E b/n 3				
			D=3.36-0.30=3.06m				
2	0.50						
	3.06	3.06					
			Column -9,10,11 & 12				
8	0.90		Axis E b/n 4 and Axis G b/n 2 ,3 & 4				
	3.06	22.03					
			D=3.36-0.30=3.06m				
8	0.40						
	3.06	9.79					
		143.14	m3 Sub Total				

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 Date:- _____

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 Date :- _____



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Kidma Building Contractor

Payement No-4

Page :-2 of 6

Project: Hotel building
Contractor: Kidma Building Contractor
Client: Yuluch Elyano Trading P.L.C
Consultant: Dawit Semret Consultancy P.L.C

VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH	VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH
			e) in basement beam				
1	16.80		1st Basemant Beam Form Work Beam Bottome On Axis 1 b/n A'-D L=4.85+5.05+3.45+3.45=16.80	2	30.07		Axis 3 b/n A'-H'
	0.30	5.04			0.33	19.85	L=4.00+8.60+7.25+7.05+2.17=29.07
1	1.60		On Axis 1 b/n D-E L=3.45+3.45+3.35+0.90=11.15	2	12.20		Axis 4 b/n A-E
	0.25	0.40			0.33	8.05	L=5.05+3.45+3.45+3.70=12.20
1	11.15		On Axis 1 b/n E-I L=3.45+3.45+3.35+0.90=11.15	2	3.95		Axis 4 b/n G-I
	0.30	3.35			0.33	2.61	L=3.4+0.55=3.95
1	30.07		Axis 2 b/n A'-H' L=4.37+8.65+7.425+7.175+2.45=30.07	2	11.07		Axis A b/n 1'-3
	0.30	9.02			0.33	7.31	L=1.65+3.92+5.5=11.07
1	29.07		Axis 3 b/n A'-H' L=4.00+8.60+7.25+7.05+2.17=29.07	1	3.67		Axis A b/n 3-4
	0.30	8.72			0.715	2.62	L=3.67 D= .33 + 1.10 /2=0.715
1	12.20		Axis 4 b/n A-E L=5.05+3.45+3.45+3.70=12.20	2	14.74		Axis C b/n 1'-4
	0.30	3.66			0.33	9.73	L=1.65+3.92+5.5+3.67=14.74
1	3.95		Axis 4 b/n G-I L=3.4+.55=3.95	2	9.47		Axis E b/n 2-4
	0.30	1.19			0.33	6.25	L=5.80+3.67=9.47
1	14.24		Axis A b/n 1'-4 L=1.4+3.67+5.50+3.67=14.24	1	3.67		L=3.67 D= .33 + 1.10 /2=0.715
	0.30	4.27			0.715	2.62	
1	14.24		Axis C b/n 1'-4 L=1.4+3.67+5.50+3.67=14.24	1	10.07		new Beam 17 Axis E b/n 1-3
	0.30	4.27			0.33	3.32	L=3.97+6.1=10.07
1	9.10		Axis E b/n 2-4 L=5.48+3.62=9.10	1	8.35		L=2.03+1.65+4.67=8.35
	0.30	2.73			0.33	2.76	new Beam 18
1	10.07		new Beam 17 Axis E b/n 1-3 L=3.97+6.1=10.07	4	1.83		Axis G b/n 1'-4"
	0.30	3.02			0.33	2.42	
3	1.83		new Beam 18 L=4.37+0.77+2.24+3.06+0.50=11.84	2	17.60		Axis H b/n 1'-2
	0.30	1.65			0.33	11.62	L=1.35+4.07=5.42
1	17.60		Axis G b/n 1'-4" L=1.10+3.67+5.50+3.67+3.66=17.60	2	5.42		Axis H b/n 3-4
	0.30	5.28			0.33	3.58	L=1.38+4.37=5.78
1	4.92		Axis H b/n 1'-2 L=1.10+3.82=4.92	1	12.12		Axis A' b/n 1'-3
	0.30	1.48			0.33	4.00	L=1.80+4.22+6.10=12.12
1	5.17		Axis H b/n 3-4" L=3.97+1.20=5.17	1	5.42		Axis I b/n 1'-2
	0.30	1.55			0.33	1.79	L=1.35+4.07=5.42
1	12.72		Axis A' b/n 1'-3 L=1.80+4.52+6.40+.15=12.72	1	11.84		Axis I b/n 3-4'
	0.05	0.64			0.33	3.91	L=4.37+0.77+2.24+3.06+0.50=11.84
1	5.72		Axis I b/n 1'-2 L=1.50+4.22=5.72	135.58m2			Columns
	0.05	0.29					Column -1
1	11.84		Axis I b/n 3-4" L=4.37+0.77+2.24+3.06+0.50=11.84				Axis Ab/n 2&3
	0.05	0.59					
57.14 m2							Column -5
2	16.80		Side Beam On Axis 1 b/n A'-D L=4.85+5.05+3.45+3.45=16.80	4	0.30		Axis C b/n 2
	0.33	11.09		2	0.33	0.79	
2	1.60		On Axis 1 b/n D-E L=3.45+3.45+3.35+0.90=11.15	4	0.10		Column -6
	0.33	1.06		2	0.33	0.26	Axis C b/n 2
2	11.15		On Axis 1 b/n E-I L=3.45+3.45+3.35+0.90=11.15	4	0.30		Column -8
	0.33	7.36		1	0.33	0.40	Axis E b/n 3
2	30.07		Axis 2 b/n A'-H' L=4.37+8.65+7.425+7.175+2.45=30.07	4	0.10		
	0.33	19.85		1	0.33	0.13	

Prepared:-
Date:-

Approved :-
Date :-



Project: Hotel building
 Contractor: Kidma Building Contractor
 Client: Yuluch Elyano Trading P.L.C
 Consultant: Dawit Semret Consultancy P.L.C

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Kidma Building Contractor

Payment No-4

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VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH	VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH
4	0.30		Column -9				Ramp Beam
1	0.33	0.40	Axis E b/n 4	1	4.22		Bottem
4	0.05				0.05	0.21	Axis A' b/n 3-4
1	0.33	0.07		2	7.11		Axis A b/n 4-5
			Column -10,11&12		0.03	0.36	
4	0.30		Axis G b/n 2,3&4	2	6.53		Axis B b/n 4-5
3	0.33	1.19			0.03	0.33	
4	0.05			1	6.05		Axis C b/n 4-5
3	0.33	0.20			0.30	1.82	
		4.42m2		2	5.62		Axis D b/n 4-5
			External side form work		0.03	0.28	
			Lift side	2	5.62		Axis D b/n 4-5
1	8.75		Axis 1' b/n F-I		0.03	0.28	
	0.17	1.49	L=3.75+3.65+1.225+0.125=8.75m	2	8.42		Axis 4 b/n A-D L/3
					0.03	0.42	L=5.05+3.45+3.45+1.18=13.13m
1	0.30		Axis 1' b/n F Angel	1	1.18		Axis 4 b/n D L/3
	0.17	0.05	L=0.30		0.30	0.35	L=(4.00/3)-0.15=1.18m
				1	8.42		Axis X b/n 4-5
			Axis 1' b/n A'-F		0.05	0.42	
1	26.00		L=0.20+5.20+5.35+3.75+3.75+4.00+3.75=26.00m				Side
	0.17	4.42		1	4.22		Axis A' b/n 3-4
			Front side		0.32	1.35	
1	13.22		Axis A' b/n 1'-3	1	7.11		Axis A b/n 4-5
	0.17	2.25	L=2.05+4.52+6.40+0.25=13.22m		0.32	2.27	
1	3.63		Axis C b/n 1'-3	2	6.53		Axis B b/n 4-5
	0.50	1.81	L=4.20-(0.45+0.125)=3.625m		0.32	4.18	
			Columns	2	6.05		Axis C b/n 4-5
2	0.30		Column -12		0.32	3.87	
1	0.50	0.30	Axis G b/n 4	2	5.62		Axis D b/n 4-5
2	0.05				0.32	3.60	
1	0.50	0.05		1	8.42		Axis X b/n 4-5
			Right side		0.32	2.69	
1	15.60		Axis 4 b/n A-E	2	4.00		Axis 4 b/n A'-A
	0.50	7.80	L=5.05+3.45+3.45+3.65=15.60m		0.32	2.56	L=4.20-0.15-0.05=4.00m
			Columns	1	13.13		Axis 4 b/n A-D L/3
			Column -2,3,4&7		0.50	6.57	L=5.05+3.45+3.45+1.18=13.13m
4	0.25		Axis 4 b/n A,B,C&D	1	13.13		Axis 4 b/n A-D L/3
2	0.50	1.00			0.32	4.20	L=5.05+3.45+3.45+1.18=13.13m
4	0.30			1	13.13		Axis 5 b/n A-D L/3
	0.50	0.60			0.32	4.20	L=5.05+3.45+3.45+1.18=13.13m
			Rear side				
1	12.67		Axis I b/n 1-3				
	0.17	2.15	L=1.75+4.52+6.40=12.67m				
			Axis I b/n 3 Angel				
1	0.40		L=0.40m				
	0.17	0.07					
			Axis I b/n 3-4"				
1	11.41		L=4.52+0.74+2.45+3.20+0.50=11.41m				
	0.17	1.94					
			duct				
2	1.83						
	0.50	1.83					
2	0.80						
	0.50	0.80					
		26.56m2					

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 Date:-



Project: Hotel Building
 Contractor: Kidma Building Contractor
 Client: Yuluch Elyano Trading P.L.C
 Consultant: Dawit Semret Consultancy P.L.C

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Kidma Building Contractor

Payment No-4

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VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH	VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH
			h) in basement slab				Ramp Slab
			1st Basement Slab Form Work				Axis 3-4 b/n A'-A
1	1.65		Axis A'-A b/n 1'-1	1	4.07		L=(4.15+4.00)/2=4.07m
	4.92	8.12			4.22	17.18	W=4.52-.030=4.22m
1	4.22		Axis A'-A b/n 1-2				Axis 4-5 b/n A'-A (On Axis x)
	4.68	19.73					L=4.00m
1	6.10		Axis A'-A b/n 2-3	1	4.00		W=6.97m
	4.30	26.23		0.5	6.97	13.94	Axis 4-5 b/n A-B
							L=((7.375-0.275)+(6.805-0.275))/2=6.815m
1	1.65		Axis A-C b/n 1'-1	1	6.82		W=5.35-.030=5.05m
	8.80	14.52			5.05	34.42	Axis 4-5 b/n B-C
1	4.22		Axis A-C b/n 1-2				L=((6.805-0.275)+(6.325-0.275))/2=6.34m
	8.80	37.14		1	6.34		W=3.75-.030=3.45m
1	6.10		Axis A-C b/n 2-3		3.45	21.87	Axis 4-5 b/n C-D
	8.80	53.68					L=((6.325-0.275)+(5.895-0.275))/2=5.885m
1	4.22		Axis A-C b/n 3-4	1	5.89		W=3.75-.030=3.45m
	8.80	37.14			3.45	20.30	Axis 4-5 b/n D-E L/3
1	1.65		Axis C-E b/n 1'-1				L=((5.895-0.275)+(4.925-0.275))/2=5.135m
	7.45	12.29		1	5.14		W=(4.00/3)-0.15=1.18m
-1	1.65		ddt stair case		1.18	6.06	
	4.08	-6.73					
-1	1.83		ddt duct				
	0.80	-1.46					
-1	10.37		new Beam 17 Axis E b/n 1-3				
	0.30	-3.11					
-3	1.83		new Beam 18				
	0.30	-1.65					
1	4.22		Axis C-E b/n 1-2				
	7.45	31.44					
1	6.10		Axis C-E b/n 2-3				
	7.45	45.45					
1	4.22		Axis C-E b/n 3-4				
	7.45	31.44					
1	1.50		Axis E-G b/n 1'-1				
	7.20	10.80	L=(1.65+1.35)/2=1.50				
1	4.22		Axis E-G b/n 1-2				
	7.20	30.38					
1	6.10		Axis E-G b/n 2-3				
	7.20	43.92					
1	1.35		Axis G-H b/n 1'-1				
	3.35	4.52					
1	4.22		Axis G-H b/n 1-2				
	3.35	14.14					
1	6.10		Axis G-H b/n 2-3				
	2.50	15.25					
1	4.22		Axis G-H b/n 3-4				
	3.35	14.14					
			Axis H-I b/n 4'-4"				
1	0.94		L=(1.27+0.61)/2=0.94m				
	0.71	0.67	W=(0.87+0.55)/2=0.71m				
			Axis G-H b/n 4'-4"				
1	2.79		L=(1.63+3.84)/2=2.735m				
	3.69	10.26	W=(3.30+0.92+3.15)/2=3.685m				
1	1.35		Axis H-I b/n 1'-1				
	0.95	1.28					
1	4.22		Axis H-I b/n 1-2				
	0.95	4.01					
1	4.22		Axis H-I b/n 3-4				
	0.52	2.19					
			455.78m2 Total				
							i) in Staircases and Landing
							Stair Case wall On Axis 2-3 b/n I-H' Landing
				1	1.21		
					1.05	1.27	
				1	1.21		
					2.20	2.66	
				2	2.19		Soffit
					1.05	4.60	
				1	2.20		
					1.21	2.66	
				14	1.05		Raiser
					0.16	2.35	
				7	1.46		
					0.16	1.64	
				2	2.19		side
					0.34	1.49	
				1	1.50		
					0.34	0.51	
							17.18m2 Total
							Stair Case wall On Axis 1'-1 b/n E-D Landing
				1	0.97		
					0.90	0.87	
				1	0.97		
					1.85	1.79	
				2	2.19		Soffit
					0.90	3.94	
				1	2.20		
					1.20	2.64	
				14	0.90		Raiser
					0.16	2.02	
				7	1.05		
					0.16	1.18	
				2	2.19		side
					0.34	1.49	
							13.93m2 Total
							31.11m2 Sub Total

Prepared:-
 Date:-

Approved :-
 Date :-



Project: Hotel building
Contractor: Kidma Building Contractor
Client: Yuluch Elyano Trading P.L.C
Consultant: Dawit Semret Consultancy P.L.C

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Kidma Building Contractor

Payment No-4

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VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH	VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH
1	17.78 3.19	56.72	j) in Shear wall for Lift shaft & retaining wall 2nd Basement retaining wall Form Work Internal Wall - form work Left Side- form work On Axis 1' b/n A'- D L=5.13+5.35+3.75+3.60=17.78m H=3.36-0.17=3.19 m	1	0.80		Fron Side
			In stear case Axis 1' b/n D-E L=4.00-(0.10+0.10)=3.80m H=3.36-0.17=3.19 m	1	2.96	2.37	Right Side
			On Axis 1' b/n E-I L=3.35+0.30+8.80=12.45 m H=3.36-0.17=3.19 m	2	2.35 3.19	7.50	
			Rear Side- form work On Axis I b/n 1'-2 L=1.50+4.27=5.77m H=3.36-0.50=2.86 m	2	0.25 2.96	1.48	
			On Axis I b/n 3-4 L=4.52-0.10=4.42m H=3.36-0.50=2.86 m	1	1.90 3.19	6.06	Shear wall 6 One Side L= 1.90 m H=3.36-0.17=3.19 m
			Front Side- form work On Axis A' b/n 1'-3 L=1.80+4.52+6.40=12.72m H=3.36-0.50=2.86 m	1	4.05 3.19	12.92	On Axis I b/n 2-3 In stear case Shear Wall 5 Rear Side
			Shear wall 11 On Axis D & E b/n 1'-1 Out stear case L=1.40+0.80+0.05=2.25 m H=3.36-0.17=3.19 m	1	2.35 3.19	7.50	Rightt Side
			In stear case L=1.45+0.80+0.05=2.30m H=3.36-0.17=3.19 m	1	0.25 2.86	0.72	
			Shear wall 7 On Axis 1 L= 2.10 m H=3.36-0.17=3.19 m	313.85m2 Total			
			Shear wall 8 On Axis E b/n 1-2 L2=4.60 m H=3.36-0.17=3.19 m	2	3.45 0.839	5.79	2nd Water tank Shaer wall Form Work Ramp Shear wall Axis 4 b/n D and C
1	12.76 2.86	36.49	Lifte-1 Shear Wall Internal Wall Rear Side	2	3.45 1.32	9.14	Axis 4 b/n C and B
			Left Side	2	5.05 1.91	19.24	Axis 4 b/n B and A
			Front Side	2	5.37 0.60	6.44	Axis D b/n 4 - 5 L=5.895-0.40-0.125=5.37m
			Right Side	2	5.80 1.57	18.21	D=1.10-.050=0.60m Axis B b/n 4 - 5 L=6.325-0.40-0.125=5.80m D=2.07-.050=1.57m
			External Wall Left Side	2	7.10 2.26	32.09	Axis A b/n 4-5 L=7.375-0.40-0.125=5.80m D=2.76-.050=2.26m
				1	14.18 1.38	19.57	Axis 5 b/n A-D L/3 L=5.35+3.75+3.75+(4.00/3)=14.18m D=(2.26+1.57+1.10+0.60)/4=1.38m
				1	4.52 2.56	11.57	Axis A' b/n 3-4 L=4.52m D=(2.86+2.26)/2=2.56m
				1	8.42 2.26	19.03	Axis X b/n 4-5 L=8.42m D=2.26m
				-2	0.25 0.60	-0.30	ddt Ramp shear wall Column C-7 in axis 4 - D
				-2	0.25 1.06	-0.53	Column C-2 in axis 4 - C
1	2.10 3.19	6.70		-2	0.25 1.57	-0.79	Column C-4 in axis 4 - B
				-2	0.25 2.26	-1.13	Column C-3 in axis 4 - A
				138.34m2 Total			

Prepared:-
Date:-

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Project: Hotel building
 Contractor: Kidma Building Contractor
 Client: Yuluch Elyano Trading P.L.C
 Consultant: Dawit Semret Consultancy P.L.C

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Kidma Building Contractor

Payment No-4

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VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH	VOLUME/AREA			ITEM/DESCRIPTION/ SKETCH
1	2.05		1st Basemant Lift Shaft Forom Work	2	2.05		Rework
	3.19	6.54	Lifte-1 Shear Wall		0.90	3.69	Mat Beam Internal form work
	1.85		Internal Wall		1.89		X Direction- Axis
	3.19	5.90	Rear Side		0.90	3.40	Axis B b/n 1-5
	0.55		Left Side		1.74		L=((6.14/3+6.20/3)/2)=2.05m
	3.19	1.75	Front Side		0.90	3.13	H=0.90 m
	2.35		Right Side		1.41		Axis C b/n 1-5
	3.19	7.50	External Wall		0.90	2.54	L=((5.67/3+5.72/3)/2)=1.89 m
	2.10		Left Side		1.11		H=0.90 m
	3.19	6.70	Fron Side		0.90	2.00	L=((5.19/3+5.29/3)/2)=1.74 m
1	0.80		Right Side	2	0.90		Axis D b/n 1-5
	2.96	2.37	External Wall		0.82		L=((4.30/3+4.17/3)/2)=1.41m
	2.35		Left Side		0.9	1.48	H=0.90 m
	3.19	7.50	Fron Side		20.16		Axis E b/n 1-5
	2.96	1.48	Right Side		0.90	18.14	L=((3.23/3+3.34/3)/2)=1.11 m
	2.10		External Wall		21.34		H=0.90 m
	3.19	6.70	Left Side		0.9	19.21	L=((2.54/3+2.42/3)/2)=m
	0.25		Fron Side		21.34		Y Direction- Axis
	2.96	2.22	Right Side		2.86	61.03	Axis 5 b/n L/3B-G
	3.19	6.70	External Wall		6.00		L=3.27+3.26+3.61+3.36+3.34+3.32=20.16 m
1	4.60		Left Side	1	2.86		Mat Beam External form work
	3.19	14.67	Fron Side		2.86	17.16	2nd Basemant Retaninig wall
	2.10		Right Side		87.26	87.26	Y Direction- Axis
	3.19	6.70	Rear Side		24.74	24.74	R-Side Axis 5b/n C-H
	2.10		Internal Wall				L=3.85+3.86+4.12+3.78+3.82+1.91=21.34 m
	3.19	6.70	Left Side				X Direction- Axis
	2.10		Sinter Side				Front-Side Axis A' b/n 2-4
	3.19	13.40	Right Side				Rear side tempirary form work for retaing wall concrete casting in site book
	2.10		External Wall				Drawig revision in site book
	3.19	6.70	Left Side				
2	2.05		Rear Side	1	24.74	24.74	
	3.19	13.08	Rear Side				
109.90m2 Total				243.78m2 Total			
				805.87m2 Sub Total			

Prepared:-
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JOIN US ON TELEGRAM:-@ETCONP

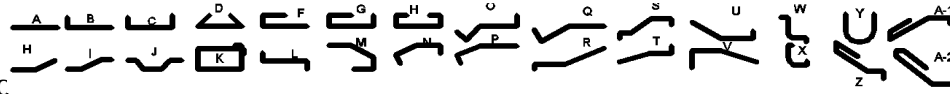
Kidma Building Contractor

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Elyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



Page

Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type andTotal of Length of Bar/s						
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20
2BF SHEAR WALLS												
Shera wall 1												
	A	20	6	1	4.20	-	-	-	-	-	-	25.20
	A	16	6	1	4.00	-	-	-	-	-	24.00	-
Horizontal Braising bar (c/c 200)	C	8	32	1	1.05	-	33.60	-	-	-	-	-
Bar spacer	C	8	32	1	0.60	-	19.20	-	-	-	-	-
Shera wall 2						-	-	-	-	-	-	-
	A	20	10	1	4.20	-	-	-	-	-	-	42.00
	A	16	14	1	4.00	-	-	-	-	-	56.00	-
Horizontal Braising bar (c/c 200)	C	8	32	1	2.80							
Bar spacer	C	8	16	1	0.60	-	9.60	-	-	-	-	-
Shera wall 3						-	-	-	-	-	-	-
	A	20	10	1	4.20	-	-	-	-	-	-	42.00
	A	12	20	1	3.85	-	-	-	77.00	-	-	-
Horizontal Braising bar (c/c 200)	C	8	32	1	2.60	-	83.20	-	-	-	-	-
Bar spacer	C	8	14	1	0.60	-	8.40	-	-	-	-	-
Shera wall 4						-	-	-	-	-	-	-
	A	20	10	1	4.20							
	A	12	22	1	3.85	-	-	-	84.70	-	-	-
Horizontal Braising bar (c/c 200)	C	8	32	1	2.85	-	91.20	-	-	-	-	-
Bar spacer	C	8	32	1	0.60	-	19.20	-	-	-	-	-
Shera wall 5						-	-	-	-	-	-	-
	A	12	50	1	3.85	-	-	-	192.50	-	-	-
Horizontal Braising bar (c/c 200)	C	8	32	1	4.85	-	155.20	-	-	-	-	-
Bar spacer	C	8	24	1	0.60	-	14.40	-	-	-	-	-
Shera wall 6						-	-	-	-	-	-	-
	A	12	26	1	3.85	-	-	-	100.10	-	-	-
Horizontal Braising bar (c/c 200)	C	8	32	1	2.60							
Bar spacer	C	8	32	1	0.60	-	19.20	-	-	-	-	-
Shera wall 7						-	-	-	-	-	-	-
	A	20	6	1	4.20	-	-	-	-	-	-	25.20
	A	12	16	1	3.85	-	-	-	61.60	-	-	-
Horizontal Braising bar (c/c 200)	C	8	32	1	2.60	-	83.20	-	-	-	-	-
Bar spacer	C	8	32	1	0.60	-	19.20	-	-	-	-	-
						-	-	-	-	-	-	-
			Total length (m)			-	555.60	-	515.90	-	80.00	134.40
			Unit weight (kg)			0.222	0.395	0.617	0.888	1.21	1.58	2.47
			Total weight (kg)			-	219.28	-	458.12	-	126.40	331.97

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Kidma Building Contractor

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Elyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



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Kidma Building Contractor

Project: Hotel building
Contractor: Kidma Contractor
Client: Yuluch Elyano Trading P.L.C
Consultant: Dawit Semret Consultancy P.L.C



Page

Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type andTotal of Length of Bar/s						
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20
1BF SHEAR WALLS												
Shera wall around Lift 2						-	-	-	-	-	-	-
In the Right side of Lift 2						-	-	-	-	-	-	-
Main bar in Internal side	A	20	4	1	4.85	-	-	-	-	-	-	19.40
	A	12	9	1	4.50	-	-	-	40.50	-	-	-
Horizontal Braising bar (c/c 200)	C	8	16	1	2.60	-	41.60	-	-	-	-	-
Main bar in External side	A	20	4	1	4.85	-	-	-	-	-	-	19.40
	A	12	9	1	4.50	-	-	-	40.50	-	-	-
Horizontal Braising bar (c/c 200)	C	8	16	1	2.60	-	41.60	-	-	-	-	-
Bar spacer	C	10	21	1	0.80	-	-	16.80	-	-	-	-
In the Left side of Lift 2						-	-	-	-	-	-	-
Main bar in Internal side	A	20	6	1	4.20							
	A	12	8	1	3.85	-	-	-	30.80	-	-	-
Horizontal Braising bar (c/c 200)	C	8	15	1	2.60	-	39.00	-	-	-	-	-
Main bar in External side	A	20	6	1	4.16	-	-	-	-	-	-	24.96
	A	12	8	1	3.84	-	-	-	30.72	-	-	-
Horizontal Braising bar (c/c 200)	C	8	15	1	2.60	-	39.00	-	-	-	-	-
Bar spacer	C	10	20	1	0.80	-	-	16.00	-	-	-	-
In the Rear side of Lift 2						-	-	-	-	-	-	-
Main bar in Internal side	A	20	5	1	4.20							
	A	12	25	1	3.85	-	-	-	96.25	-	-	-
	A	12	5	1	4.50	-	-	-	22.50	-	-	-
Horizontal Braising bar (c/c 200)	C	8	15	1	5.15	-	77.25	-	-	-	-	-
Main bar in External side	A	20	3	1	4.20	-	-	-	-	-	-	12.60
	A	12	25	1	3.85	-	-	-	96.25	-	-	-
	A	12	5	1	4.50	-	-	-	22.50	-	-	-
Horizontal Braising bar (c/c 200)	C	8	15	1	5.15	-	77.25	-	-	-	-	-
Bar spacer	C	10	8	1	0.80	-	-	6.40	-	-	-	-
In the Middle of Lift 2						-	-	-	-	-	-	-
Main bar in Internal side	A	20	3	1	4.85							
	A	12	11	1	4.50	-	-	-	49.50	-	-	-
Horizontal Braising bar (c/c 200)	C	8	15	1	3.60	-	54.00	-	-	-	-	-
Main bar in External side	A	20	3	1	4.85	-	-	-	-	-	-	14.55
	A	12	11	1	4.50	-	-	-	49.50	-	-	-
Horizontal Braising bar (c/c 200)	C	8	15	1	3.60	-	54.00	-	-	-	-	-
Bar spacer	C	10	22	1	0.80	-	-	17.60	-	-	-	-
						-	-	-	-	-	-	-
			Total length (m)			-	423.70	56.80	479.02	-	-	90.91

Total length (m)	-	182.40	-	154.00	-	-	-
Unit weight (kg)	0.222	0.395	0.617	0.888	1.21	1.58	2.47
Total weight (kg)	-	71.99	-	136.75	-	-	-

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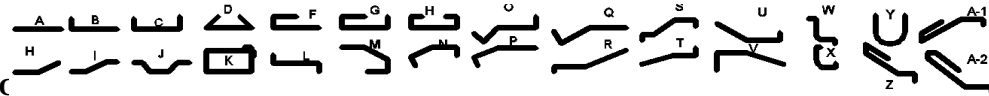
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Kidma Building Contractor

Project: Hotel building
Contractor: Kidma Contractor
Client: Yuluch Eliyano Trading P.L.C
Consultant: Dawit Semret Consultancy P.L.C



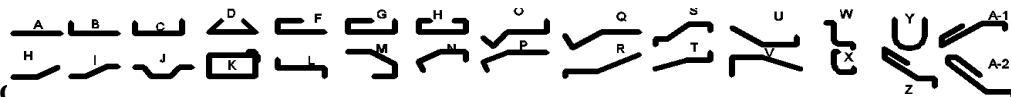
Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s					
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16
Retaining Wall Horizontal Braising bar											
Retaining Wall Lift Side (Exteranal)						-	-	-	-	-	-
Axis 1'b/n A'-B mid Span	B	10	17	1	8.45	-	-	143.65	-	-	-
Axis 1'b/n B mid span-D	A	10	17	1	10.60	-	-	180.20	-	-	-
Axis 1'b/n D-F	B	10	17	1	8.10	-	-	137.70	-	-	-
Axis 1'b/n F Angle	C	10	17	1	0.80	-	-	13.60	-	-	-
Axis 1'b/n F-I	B	10	17	1	8.05	-	-	136.85	-	-	-
Retaining Wall Lift Side (Interanal)						-	-	-	-	-	-
Axis 1'b/n A'-B	B	10	17	1	11.10	-	-	188.70	-	-	-
Axis 1'b/n B-E	A	10	17	1	11.90	-	-	202.30	-	-	-
Axis 1'b/n E-F	A	10	17	1	4.10	-	-	69.70	-	-	-
Axis 1'b/n F Angle	C	10	17	2	0.80	-	-	27.20	-	-	-
Axis 1'b/n F-I	C	10	17	1	8.05	-	-	136.85	-	-	-
Retaining Wall Front Side (Exteranal)						-	-	-	-	-	-
Axis A' b/n 1'-2 mid span	B	10	17	1	10.10	-	-	171.70	-	-	-
Axis A'b/n 2 mid span-4	B	10	17	1	8.45	-	-	143.65	-	-	-
Axis X b/n 4-5	C	10	17	1	8.90	-	-	151.30	-	-	-
Retaining Wall Front Side (Interanal)						-	-	-	-	-	-
Axis A' b/n 1'-2	B	10	17	1	7.70	-	-	130.90	-	-	-
Axis A'b/n 2-4	B	10	17	1	11.90	-	-	-	-	-	-
Axis X b/n 4-5	C	10	17	1	8.90	-	-	151.30	-	-	-
Retaining Wall Right Side (Exteranal)						-	-	-	-	-	-
Axis 5 b/n A-C	B	10	17	1	9.85	-	-	167.45	-	-	-
Axis 5 b/n C-D	A	10	17	1	4.55	-	-	77.35	-	-	-
Axis 5 b/n D-F mid span	A	10	17	1	10.70	-	-	181.90	-	-	-
Axis 5 b/n F mid span-4'	A	10	17	1	5.80	-	-	98.60	-	-	-
Retaining Wall Right Side (Interanal)						-	-	-	-	-	-
Axis 5 b/n A-C	B	10	17	1	9.85	-	-	167.45	-	-	-
Axis 5 b/n C-D	A	10	17	1	4.55	-	-	77.35	-	-	-
Axis 5 b/n D-G	A	10	17	1	12.00	-	-	204.00	-	-	-
Axis 5 b/n G-4'	A	10	17	1	4.10	-	-	69.70	-	-	-
Retaining Wall Rear Side (Ex &In)						-	-	-	-	-	-
Axis I b/n 1'-2	B	10	17	2	6.65	-	-	226.10	-	-	-
Axis I b/n 3-4'	B	10	17	2	7.85	-	-	266.90	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
Total length(M)						-	-	3,522.4	-	-	-
Weight per M						0.222	0.395	0.617	0.888	1.21	1.58
Total weight (kg)						-	-	2,173.32	-	-	-

Prepared:-
Date:-

Approved :-
Date :-

Kidma Building Contractor

Consultant: Dawit Semret Consultancy P.L.C



Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s					
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16
Retaining Wall Main bar						-	-	-	-	-	-
Axis 1'						-	-	-	-	-	-
A-F	A	14	174	1	5.31	-	-	-	-	923.94	-
F-I	A	14	58	1	5.31	-	-	-	-	307.98	-
Axis I						-	-	-	-	-	-
1'-2	A	14	39	1	5.31	-	-	-	-	207.09	-
3-4"	A	14	47	1	5.31	-	-	-	-	249.57	-
Axis 5						-	-	-	-	-	-
H-G	A	14	16	1	5.31	-	-	-	-	84.96	-
G-F	A	14	23	1	5.31	-	-	-	-	122.13	-
E-F	A	14	22	1	5.31	-	-	-	-	116.82	-
D-E	A	14	24	1	5.31	-	-	-	-	127.44	-
C-D	A	14	22	1	5.31	-	-	-	-	116.82	-
B-C	A	14	23	1	5.31	-	-	-	-	122.13	-
A-B	A	14	33	1	5.31	-	-	-	-	175.23	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
			Total length(M)			-	-	-	-	2,554.11	-
			Weight per M			0.222	0.395	0.617	0.888	1.21	1.58
			Total weight (kg)			-	-	-	-	3,090.47	-

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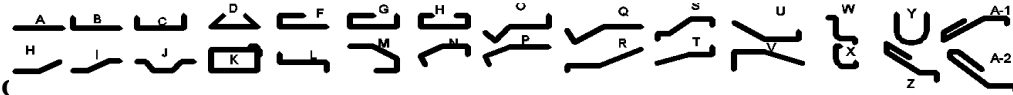
Kidma Building Contractor

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Elyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s					
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16
Retaining Wall Main bar						-	-	-	-	-	-
Axis X						-	-	-	-	-	-
b/n 4-5	A	14	58	1	5.31	-	-	-	-	307.98	-
Axis A'						-	-	-	-	-	-
b/n 3-4	A	14	28	1	5.31	-	-	-	-	148.68	-
b/n 2-3	A	14	40	1	5.31	-	-	-	-	212.40	-
b/n 1-2	A	14	27	1	5.31	-	-	-	-	143.37	-
b/n 1'-1	A	14	13	1	5.31	-	-	-	-	69.03	-
All Bar spacer	C	10	1754	1	0.60	-	-	1,052.40	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
Total length(M)						-	-	1,052.40	-	881.46	-
Weight per M						0.222	0.395	0.617	0.888	1.21	1.58
Total weight (kg)						-	-	649.33	-	1,066.57	-

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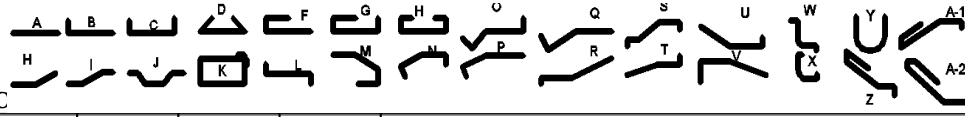
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Kidma Building Contractor

Project: Hotel building
Contractor: Kidma Contractor
Client: Yuluch Eliyano Trading P.L.C
Consultant: Dawit Semret Consultancy P.L.C



Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s					
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16
Ramp Beam											
On Axis A' b/n 3-4						-	-	-	-	-	-
Top bar	C	20	4	1	5.72	-	-	-	-	-	-
Bottom bar	A	20	4	1	4.82	-	-	-	-	-	-
Stirrups	K	8	26	1	1.50	-	39.00	-	-	-	-
On Axis X b/n 4-5						-	-	-	-	-	-
Top bar	C	20	4	1	9.65	-	-	-	-	-	-
Bottom bar	A	20	4	1	8.75	-	-	-	-	-	-
Stirrups	K	8	49	1	1.50	-	73.50	-	-	-	-
On Axis A b/n 3-5						-	-	-	-	-	-
Top bar	B	20	4	1	9.21	-	-	-	-	-	-
	B	20	4	1	4.62	-	-	-	-	-	-
Bottom bar	A	20	4	1	4.82	-	-	-	-	-	-
	A	20	4	1	7.65	-	-	-	-	-	-
Stirrups	K	8	75	1	1.50	-	112.50	-	-	-	-
On Axis B b/n 4-5						-	-	-	-	-	-
Top bar	B	20	4	1	7.97	-	-	-	-	-	-
Bottom bar	A	20	4	1	7.07	-	-	-	-	-	-
Stirrups	K	8	40	1	1.50	-	60.00	-	-	-	-
On Axis C b/n 4-5						-	-	-	-	-	-
Top bar	B	20	4	1	7.49	-	-	-	-	-	-
Bottom bar	A	20	4	1	6.59	-	-	-	-	-	-
Stirrups	K	8	39	1	1.50	-	58.50	-	-	-	-
On Axis D b/n 4-5						-	-	-	-	-	-
Top bar	B	20	4	1	7.06	-	-	-	-	-	-
Bottom bar	A	20	4	1	6.16	-	-	-	-	-	-
Stirrups	K	8	34	1	1.50	-	51.00	-	-	-	-
On Axis E b/n 4-5						-	-	-	-	-	-
Top bar	B	20	4	1	6.09	-	-	-	-	-	-
Bottom bar	A	20	4	1	5.19	-	-	-	-	-	-
Stirrups	K	8	31	1	1.50	-	46.50	-	-	-	-
On Axis G b/n 4-5						-	-	-	-	-	-
Top bar	B	20	4	1	4.29	-	-	-	-	-	-
Bottom bar	A	20	4	1	3.39	-	-	-	-	-	-
Stirrups	K	8	19	1	1.50	-	28.50	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
Total length(M)						-	469.50	-	-	-	-
Weight per M						0.222	0.395	0.617	0.888	1.21	1.58
Total weight (kg)						-	185.45	-	-	-	-

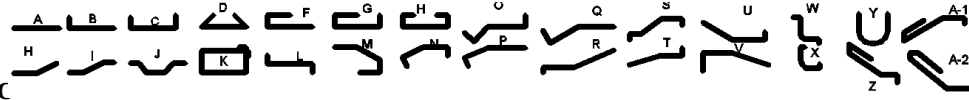
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Kidma Building Contractor

Project: Hotel building
Contractor: Kidma Contractor
Client: Yuluch Eliyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s					
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16
On Axis 4 b/n A'-G						-	-	-	-	-	-
<i>Top bar</i>	B	20	2	1	7.89	-	-	-	-	-	-
	A	20	2	1	9.10	-	-	-	-	-	-
	A	20	2	1	4.67	-	-	-	-	-	-
	A	20	2	1	10.47	-	-	-	-	-	-
<i>Bottom bar</i>	A	20	4	1	4.53	-	-	-	-	-	-
	A	20	4	1	9.40	-	-	-	-	-	-
	A	20	4	1	8.05	-	-	-	-	-	-
	A	20	4	1	7.80	-	-	-	-	-	-
Negative Bar						-	-	-	-	-	-
On Axis A'	A	20	2	1	2.40	-	-	-	-	-	-
On Axis A	A	20	2	1	3.20	-	-	-	-	-	-
On Axis B	A	20	2	1	3.00	-	-	-	-	-	-
On Axis C	A	20	2	1	2.50	-	-	-	-	-	-
On Axis D	A	20	2	1	2.60	-	-	-	-	-	-
On Axis E	A	20	2	1	3.83	-	-	-	-	-	-
On Axis G	A	20	2	1	3.10	-	-	-	-	-	-
<i>Stirrup</i>						-	-	-	-	-	-
Axis A'-A(c/c 150)	K	8	33	1	1.50	-	49.50	-	-	-	-
Axis A-B(c/c 150)	K	8	33	1	1.50	-	49.50	-	-	-	-
Axis B-C(c/c 150)	K	8	22	1	1.50	-	33.00	-	-	-	-
Axis C-D(c/c 150)	K	8	22	1	1.50	-	33.00	-	-	-	-
Axis D-E(c/c 150)	K	8	25	1	1.50	-	37.50	-	-	-	-
Axis E-G(c/c 150)	K	8	48	1	1.50	-	72.00	-	-	-	-
On Axis 5 b/n A-G						-	-	-	-	-	-
<i>Top bar</i>	B	20	2	1	3.62	-	-	-	-	-	-
	A	20	2	1	9.10	-	-	-	-	-	-
	A	20	2	1	4.67	-	-	-	-	-	-
	A	20	2	1	2.85	-	-	-	-	-	-
<i>Bottom bar</i>	A	20	4	1	9.40	-	-	-	-	-	-
	A	20	4	1	8.05	-	-	-	-	-	-
						-	-	-	-	-	-
Negative Bar						-	-	-	-	-	-
On Axis A	A	20	2	1	2.40	-	-	-	-	-	-
On Axis B	A	20	2	1	3.00	-	-	-	-	-	-
On Axis C	A	20	2	1	2.50	-	-	-	-	-	-
On Axis D	A	20	2	1	2.60	-	-	-	-	-	-
On Axis E	A	20	2	1	3.83	-	-	-	-	-	-
On Axis G	A	20	2	1	3.10	-	-	-	-	-	-
						-	-	-	-	-	-
Total length(M)						-	274.50	-	-	-	-
Weight per M						0.222	0.395	0.617	0.888	1.21	1.58
Total weight (kg)						-	108.43	-	-	-	-
weight (kg) for 1BF Elivation Col						2,284.65					

Prepared:-

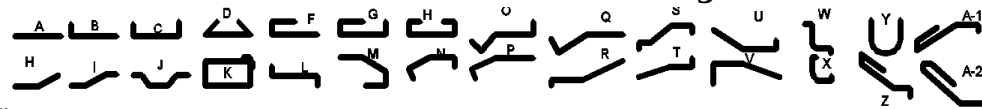
Approved :-

Date:-_____

Date :-_____

Kidma Building Contractor

Consultant: Dawit Semret Consultancy P.L.



Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total Length of Bar/s					
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16
Stirrup											
Axis A-B(c/c 150)	K	8	33	1	1.40	-	46.20	-	-	-	-
Axis B-C(c/c 150)	K	8	22	1	1.40	-	30.80	-	-	-	-
Axis C-D(c/c 150)	K	8	22	1	1.40	-	30.80	-	-	-	-
Axis D-E(c/c 150)	K	8	25	1	1.40	-	35.00	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
						-	-	-	-	-	-
			Total length(M)			-	142.80	-	-	-	-
			Weight per M			0.222	0.395	0.617	0.888	1.21	1.58
			Total weight (kg)			-	56.41	-	-	-	-

Approved :- _____

Date:-_____

Date :-_____

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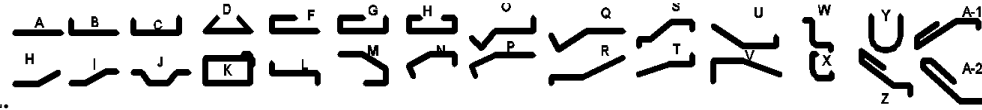
Kidma Building Contractor

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Eliyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.



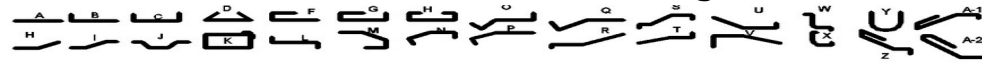
Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s					
						Φ6	Φ8	Φ10	Φ12	Φ14	Φ16
Ramp Slab											
Axis A'-A b/n 3-4						-	-	-	-	-	-
(6.16+6.10)/2=6.123 m X-Direction	F	10	28	1	6.13	-	-	171.64	-	-	-
Y-Direction	A	10	37	1	4.95	-	-	183.15	-	-	-
Axis A'-B b/n 4-5						-	-	-	-	-	-
Axis A'-A b/n 4-5						-	-	-	-	-	-
(1.10+7.80)/2=4.45 m X-Direction	A	10	26	1	4.45	-	-	115.70	-	-	-
Axis A-B b/n 4-5						-	-	-	-	-	-
(10.44+9.88)/2=10.16 m X-Direction	F	10	34	1	10.16	-	-	345.44	-	-	-
(6.30+9.95)/2=8.125 m Y-Direction	B	10	58	1	8.13	-	-	471.54	-	-	-
Axis B-D b/n 4-5						-	-	-	-	-	-
Axis B-C b/n 4-5						-	-	-	-	-	-
(9.80+9.43)/2=9.615 m X-Direction	F	10	23	1	9.62	-	-	221.26	-	-	-
Y-Direction	A	10	54	1	12.00	-	-	648.00	-	-	-
Axis D-EL/3 b/n 4-5						-	-	-	-	-	-
X-Direction	F	10	10	1	9.43	-	-	94.30	-	-	-
1st-Ramp Slab Negative bar						-	-	-	-	-	-
On Axis x						-	-	-	-	-	-
(6.36+2.42)/2=4.39 m Axis 4-5	B	12	48	1	4.39	-	-	-	210.72	-	-
On Axis 4						-	-	-	-	-	-
Axis A-A'	A	10	25	1	3.95	-	-	98.75	-	-	-
On Axis 5						-	-	-	-	-	-
(2.85+2.37)/2=2.61 m Axis A-B	B	10	34	1	2.61						
Axis B-C	B	10	23	1	2.25	-	-	51.75	-	-	-
Axis C-D	B	10	23	1	2.25	-	-	51.75	-	-	-
Axis D-EL/3(1.18m)	B	10	10	1	2.25	-	-	22.50	-	-	-
On Axis B						-	-	-	-	-	-
Axis 4-5	A	12	40	1	3.03	-	-	-	121.20	-	-
On Axis C						-	-	-	-	-	-
Axis 4-5	A	12	40	1	2.50	-	-	-	100.00	-	-
On Axis D						-	-	-	-	-	-
Axis 4-5	A	12	36	1	2.60	-	-	-	93.60	-	-
Distirubution Bar						-	-	-	-	-	-
On Axis x						-	-	-	-	-	-
Axis 4-5	A	10	2	1	2.12	-	-	4.24	-	-	-
						-	-	-	-	-	-
Total length(M)						-	-	2,480.0	525.5	-	-
Weight per M						0.222	0.395	0.617	0.888	1.21	1.58
Total weight (kg)						-	-	1,530.17	466.66	-	-

Prepared:- _____
Date:- _____

Approved :- _____
Date :- _____

Kidma Building Contractor

Consultant: Dawit Semret Consultancy P.L.C



Prepared:-_____

Approved :- _____

Date:-_____

Date :-_____

Page -11

Φ20	Φ24
-	-
22.88	-
19.28	-
-	-
-	-
38.60	-
35.00	-
-	-
-	-
36.84	-
18.48	-
19.28	-
30.60	-
-	-
-	-
31.88	-
28.28	-
-	-
-	-
26.36	-
-	-
-	-
28.24	-
24.64	-
-	-
-	-
24.36	-
20.76	-
-	-
-	-
17.16	-
13.56	-
-	-
-	-
-	-
-	-
-	-
436.2	-
2.47	3.55
1,077.41	-

Page -12

Φ20	Φ24
-	-
15.78	-
18.20	-
9.34	-
20.94	-
18.12	-
37.60	-
32.20	-
31.20	-
-	-
4.80	-
6.40	-
6.00	-
5.00	-
5.20	-
7.66	-
6.20	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
7.24	-
18.20	-
9.34	-
5.70	-
37.60	-
32.20	-
-	-
-	-
4.80	-
6.00	-
5.00	-
5.20	-
7.66	-
6.20	-
-	-
369.78	-
2.47	3.55
913.36	-

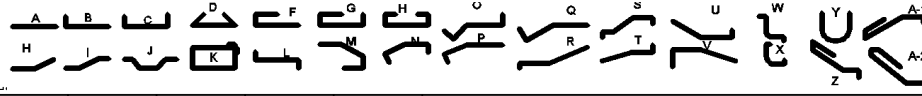
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Kidma Building Contractor

Project: Hotel building
Contractor: Kidma Contractor
Client: Yuluch Eliyano Trading P.L.C
Consultant: Dawit Semret Consultancy P.L.



Prepared:- _____
Date:- _____

Approved :- _____
Date :- _____

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Eliyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



No	Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s							
							Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20	Φ24
	Axis G-I b/n 1'-2													
	X-Direction Axis G-H	A	10	28	1	6.65	-	-	186.20	-	-	-	-	-
	X-Direction Axis H-I	A	10	8	1	6.65	-	-	53.20	-	-	-	-	-
	Y-Direction Axis 1'-1	A	10	11	1	5.20	-	-	57.20	-	-	-	-	-
	Y-Direction Axis 1-2	A	10	33	1	5.20	-	-	171.60	-	-	-	-	-
	Axis G-I b/n 2-3													
	X-Direction	A	10	20	1	6.80	-	-	136.00	-	-	-	-	-
	Y-Direction	A	10	48	1	3.1	-	-	148.80	-	-	-	-	-
	Axis G-I b/n 3-4													
	X-Direction	A	10	31	1	5.15	-	-	159.65	-	-	-	-	-
	Y-Direction	A	10	32	1	5.05	-	-	161.60	-	-	-	-	-
	1st-Basement Slab Negative bar						-	-	-	-	-	-	-	-
	On Axis A'						-	-	-	-	-	-	-	-
	Axis 1'-1	B	10	13	1	2.71	-	-	35.23	-	-	-	-	-
	Axis 1-2	B	10	33	1	2.42	-	-	79.86	-	-	-	-	-
	Axis 2-3	B	10	48	1	2.06	-	-	98.88	-	-	-	-	-
	On Axis A						-	-	-	-	-	-	-	-
	Axis 1'-1	A	10	9	1	4.40	-	-	39.60	-	-	-	-	-
	Axis 1-2	A	10	24	1	4.40	-	-	105.60	-	-	-	-	-
	Axis 2-3	A	10	36	1	4.40	-	-	158.40	-	-	-	-	-
	Axis 3-4	A	10	32	1	3.30	-	-	105.60	-	-	-	-	-
	On Axis C						-	-	-	-	-	-	-	-
	Axis 1'-1	A	10	9	1	5.60	-	-	50.40	-	-	-	-	-
	Axis 1-2	A	10	25	1	5.60	-	-	140.00	-	-	-	-	-
	Axis 2-3	A	10	35	1	5.60	-	-	196.00	-	-	-	-	-
	Axis 3-4	A	10	24	1	5.60	-	-	134.40	-	-	-	-	-
	On Axis E						-	-	-	-	-	-	-	-
	Axis 1'-1	A	10	18	1	2.77	-	-	49.86	-	-	-	-	-
	Axis 1-2	A	10	29	1	5.10	-	-	147.90	-	-	-	-	-
	Axis 2-3	A	10	34	1	5.10	-	-	173.40	-	-	-	-	-
	Axis 3-4	A	10	29	1	2.90	-	-	84.10	-	-	-	-	-
	On Axis G						-	-	-	-	-	-	-	-
	Axis 1'-1	A	10	9	1	3.75	-	-	33.75	-	-	-	-	-
	Axis 1-2	A	10	29	1	3.75	-	-	108.75	-	-	-	-	-
	Axis 2-3	A	10	41	1	5.70	-	-	233.70	-	-	-	-	-
	Axis 3-4	A	10	29	1	1.50	-	-	43.50	-	-	-	-	-
	Total length(M)						-	-	3,093.2	-	-	-	-	-
	Weight per M						0.222	0.395	0.617	0.888	1.21	1.58	2.47	3.55
	Total weight (kg)						-	-	1,908.49	-	-	-	-	-

Prepared:-
Date:-Approved :-
Date :-

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Eliyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



No	Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s							
							Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20	Φ24
	On Axis I													
	Axis 1'-1	B	10	9	1	2.75	-	-	24.75	-	-	-	-	-
	Axis 1-2	B	10	29	1	2.75	-	-	79.75	-	-	-	-	-
	Axis 3-4	B	10	29	1	2.31	-	-	66.99	-	-	-	-	-
	On Axis 1'						-	-	-	-	-	-	-	-
	Axis A'-A	B	10	33	1	3.60	-	-	118.80	-	-	-	-	-
	Axis A-C	B	10	61	1	3.60	-	-	219.60	-	-	-	-	-
	Axis C-D	B	10	25	1	3.60	-	-	90.00	-	-	-	-	-
	Staircase	B	10	13	1	3.60	-	-	1.60	-	-	-	-	-
	Axis E-G	B	10	47	1	3.60	-	-	169.20	-	-	-	-	-
	Axis G-H	B	10	21	1	3.60	-	-	75.60	-	-	-	-	-
	Axis H-I	B	10	6	1	3.60	-	-	21.60	-	-	-	-	-
	On Axis 2						-	-	-	-	-	-	-	-
	Axis A'-A	A	10	31	1	3.65	-	-	113.15	-	-	-	-	-
	Axis A-C	A	12	60	1	3.65	-	-	-	219.00	-	-	-	-
	Axis C-E	A	12	37	1	3.65	-	-	-	135.05	-	-	-	-
	Axis E-G	A	12	49	1	3.65	-	-	-	178.85	-	-	-	-
	Axis G-H	A	12	17	1	3.65	-	-	-	62.05	-	-	-	-
	On Axis 3						-	-	-	-	-	-	-	-
	Axis A'-A	A	10	27	1	3.65	-	-	98.55	-	-	-	-	-
	Axis A-C	A	12	60	1	3.65	-	-	-	219.00	-	-	-	-
	Axis C-E	A	12	49	1	3.65	-	-	-	178.85	-	-	-	-
	Axis E-G	A	12	49	1	2.40	-	-	-	117.60	-	-	-	-
	Axis G-H	A	12	15	1	3.65	-	-	-	54.75	-	-	-	-
	On Axis 4						-	-	-	-	-	-	-	-
	Axis A-C	B	12	72	1	1.85	-	-	-	133.20	-	-	-	-
	Axis C-E	B	12	62	1	1.85	-	-	-	114.70	-	-	-	-
	Axis G-H	B	12	22	1	3.00	-	-	-	66.00	-	-	-	-
	Axis H-I	B	12	3	1	3.00	-	-	-	9.00	-	-	-	-
	LIFT	C	12	13	1	5.10	-	-	-	66.30	-	-	-	-
	Dakt	B	12	13	1	0.95	-	-	-	12.35	-	-	-	-
							-	-	-	-	-	-	-	-
						Total length(M)	-	-	1,079.6	1,566.7	-	-	-	-
						0.222	0.395	0.617	0.888	1.21	1.58	2.47	3.55	
						-	-	666.11	1,391.23	-	-	-	-	-

Prepared:- _____
Date:- _____Approved :- _____
Date :- _____

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Eliyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



No	Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s							
							Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20	Φ24
	Distirubution Bar													
	Axis A'-A b/n 1'-2						-	-	-	-	-	-	-	-
	X-Direction	A	10	13	1	2.45	-	-	31.85	-	-	-	-	-
	Y-Direction	A	10	17	1	3.95	-	-	67.15	-	-	-	-	-
	Axis A-C b/n 1'-2						-	-	-	-	-	-	-	-
	X-Direction	A	10	21	1	2.45	-	-	51.45	-	-	-	-	-
	Y-Direction	A	10	18	1	3.90	-	-	70.20	-	-	-	-	-
	Axis C-E b/n 1'-2						-	-	-	-	-	-	-	-
	X-Direction -1	A	10	2	1	2.45	-	-	4.90	-	-	-	-	-
	X-Direction -2	A	10	9	1	2.45	-	-	22.05	-	-	-	-	-
	Y-Direction -1	A	10	6	1	1.90	-	-	11.40	-	-	-	-	-
	Y-Direction -2	A	10	9	1	3.85	-	-	34.65	-	-	-	-	-
	Axis E-G b/n 1'-2						-	-	-	-	-	-	-	-
	X-Direction -1	A	10	10	1	1.90	-	-	19.00	-	-	-	-	-
	X-Direction -2	A	10	10	1	2.40	-	-	24.00	-	-	-	-	-
	Y-Direction	A	10	16	1	3.75	-	-	60.00	-	-	-	-	-
	Axis H-G b/n 1'-2						-	-	-	-	-	-	-	-
	X-Direction -1	A	10	4	1	3.15	-	-	12.60	-	-	-	-	-
	X-Direction -2	A	10	5	1	1.95	-	-	9.75	-	-	-	-	-
	Y-Direction	A	10	18	1	1.95	-	-	35.10	-	-	-	-	-
	Axis H-I b/n 1'-2						-	-	-	-	-	-	-	-
	X-Direction -1	A	10	4	1	3.15	-	-	12.60	-	-	-	-	-
	Y-Direction -1	A	10	4	1	3.15	-	-	12.60	-	-	-	-	-
	Axis A'-A b/n 2-3						-	-	-	-	-	-	-	-
	X-Direction	A	10	12	1	2.9	-	-	34.80	-	-	-	-	-
	Y-Direction	A	10	16	1	2.20	-	-	35.20	-	-	-	-	-
	Axis A-C b/n 2-3						-	-	-	-	-	-	-	-
	X-Direction	A	10	23	1	3.20	-	-	73.60	-	-	-	-	-
	Y-Direction	A	10	16	1	4.40	-	-	70.40	-	-	-	-	-
	Axis C-E b/n 2-3						-	-	-	-	-	-	-	-
	X-Direction	A	10	16	1	2.90	-	-	46.40	-	-	-	-	-
	Y-Direction	A	10	16	1	3.50	-	-	56.00	-	-	-	-	-
	Axis E-G b/n 2-3						-	-	-	-	-	-	-	-
	X-Direction	A	10	18	1	3.50	-	-	63.00	-	-	-	-	-
	Y-Direction	A	10	15	1	3.75	-	-	56.25	-	-	-	-	-
	On Axis G-Stair Case						-	-	-	-	-	-	-	-
	X-Direction	A	10	9	1	3.85	-	-	34.65	-	-	-	-	-
	Axis G-H b/n 3-4						-	-	-	-	-	-	-	-
	X-Direction	A	10	11	1	2.45	-	-	26.95	-	-	-	-	-
	Y-Direction	A	10	9	1	2.45	-	-	22.05	-	-	-	-	-
	Axis C-E b/n 3-4						-	-	-	-	-	-	-	-
	X-Direction	A	10	17	1	2.35	-	-	39.95	-	-	-	-	-
	Y-Direction	A	10	10	1	3.50	-	-	35.00	-	-	-	-	-
	Axis A-C b/n 3-4						-	-	-	-	-	-	-	-
	X-Direction	A	10	20	1	2.85	-	-	57.00	-	-	-	-	-
	Y-Direction	A	10	11	1	4.00	-	-	44.00	-	-	-	-	-
	All Spacer (Kebeloto)	J	12	336	1	1.5	-	-	-	504.00	-	-	-	-
							-	-	-	-	-	-	-	-
						Total length(M)	-	-	1,174.6	504.0	-	-	-	-
						Weight per M	0.222	0.395	0.617	0.888	1.21	1.58	2.47	3.55
						Total weight (kg)	-	-	724.70	447.55	-	-	-	-

Prepared:-

Approved :-

Date:- _____

Date :- _____

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Eliyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



No	Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s							
							Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20	Φ24
	1st-Basement Beam													
	1BF-Beam 1 On Axis I b/n 1'-2						-	-	-	-	-	-	-	-
	Top Bar	C	16	2	1	7.17	-	-	-	-	-	14.34	-	-
	Bottom Bar	A	16	2	1	6.27	-	-	-	-	-	12.54	-	-
	Stirrups						-	-	-	-	-	-	-	-
	Axis 1'-1	K	8	9	1	1.50	-	13.50	-	-	-	-	-	-
	Axis 1-2	K	8	27	1	1.50	-	40.50	-	-	-	-	-	-
	1BF-Beam 2 On Axis I b/n3-4"						-	-	-	-	-	-	-	-
	Top Bar	B	16	3	1	9.89	-	-	-	-	-	29.67	-	-
	Bottom Bar	B	16	3	1	2.53	-	-	-	-	-	7.59	-	-
	Stirrups (Axis 3-4")	A	16	2	1	7.67	-	-	-	-	-	15.34	-	-
	Stirrups (Axis 3-4")	A	16	2	1	3.51	-	-	-	-	-	7.02	-	-
	Stirrups (Axis 3-4")	K	8	65	1	1.50	-	97.50	-	-	-	-	-	-
	1BF-Beam 3 On Axis H						-	-	-	-	-	-	-	-
	Top Bar	C	16	3	1	7.17	-	-	-	-	-	21.51	-	-
	Bottom Bar	A	16	2	1	6.27	-	-	-	-	-	12.54	-	-
	Stirrups						-	-	-	-	-	-	-	-
	Axis 1'-1	K	8	7	1	1.50	-	10.50	-	-	-	-	-	-
	Axis 1-2	K	8	25	1	1.50	-	37.50	-	-	-	-	-	-
	1BF-Beam 4 On Axis H						-	-	-	-	-	-	-	-
	Top Bar	C	16	3	1	7.70	-	-	-	-	-	23.10	-	-
	Bottom Bar	A	16	2	1	6.80	-	-	-	-	-	13.60	-	-
	Stirrups						-	-	-	-	-	-	-	-
	Axis 3-4	K	8	29	1	1.50	-	43.50	-	-	-	-	-	-
	Axis 4-4'	K	8	7	1	1.5	-	10.50	-	-	-	-	-	-
	1BF-Beam 5 On Axis H'						-	-	-	-	-	-	-	-
	Top Bar	C	16	2	1	7.5	-	-	-	-	-	15.00	-	-
	Bottom Bar	A	14	2	1	6.55	-	-	-	-	13.10	-	-	-
	Stirrups						-	-	-	-	-	-	-	-
	Axis 2-3	K	8	31	1	1.50	-	46.50	-	-	-	-	-	-
	1BF-Beam 6 On Axis G						-	-	-	-	-	-	-	-
	Top Bar	B	20	2	1	11.00	-	-	-	-	-	-	22.00	-
	Bottom Bar	B	20	2	1	12.00	-	-	-	-	-	-	24.00	-
	Stirrups	A	16	3	1	6.80	-	-	-	-	-	20.40	-	-
	Stirrups	A	16	3	1	7.20	-	-	-	-	-	21.60	-	-
	Stirrups	A	16	3	1	8.20	-	-	-	-	-	24.60	-	-
	Negative Bar	C	20	2	1	3.70	-	-	-	-	-	-	7.40	-
	Stirrups	C	20	3	2	3.65	-	-	-	-	-	-	21.90	-
	Stirrups	C	20	3	1	2.90	-	-	-	-	-	-	8.70	-
	Axis 1'-1	K	8	8	1	1.5	-	12.00	-	-	-	-	-	-
	Total length(M)						-	312.00	-	-	13.10	238.85	84.00	-
	Weight per M						0.222	0.395	0.617	0.888	1.21	1.58	2.47	3.55
	Total weight (kg)						-	123.24	-	-	15.85	377.38	207.48	-

Prepared:-
Date:-Approved :-
Date :-

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Eliyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



No	Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s							
							Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20	Φ24
	Axis 1-2	K	8	25	1	1.5	-	37.50	-	-	-	-	-	-
	Axis 2-3	K	8	37	1	1.5	-	55.50	-	-	-	-	-	-
	Axis 3-4	K	8	23	1	1.5	-	34.50	-	-	-	-	-	-
	Axis 4-4'	K	8	26	1	1.50	-	39.00	-	-	-	-	-	-
	1BF-Beam 7 On Axis E						-	-	-	-	-	-	-	-
	Top Bar	C	20	2	1	9.70	-	-	-	-	-	-	19.40	-
		C	20	2	1	3.40	-	-	-	-	-	-	6.80	-
	Bottom Bar	A	20	4	1	7.00	-	-	-	-	-	-	28.00	-
		A	20	4	1	5.20	-	-	-	-	-	-	20.80	-
	Negative Bar	B	20	2	1	2.75	-	-	-	-	-	-	5.50	-
		B	20	3	2	3.65	-	-	-	-	-	-	21.90	-
		B	20	2	1	2.10	-	-	-	-	-	-	4.20	-
	Stirrups						-	-	-	-	-	-	-	-
	Axis 2-3	K	8	37	1	1.50	-	55.50	-	-	-	-	-	-
	Axis 3-4	K	8	27	1	1.50	-	40.50	-	-	-	-	-	-
	1BF-Beam 8 On Axis A&C						-	-	-	-	-	-	-	-
	Top Bar	B	20	2	2	10.62	-	-	-	-	-	-	42.48	-
		B	20	2	2	9.05	-	-	-	-	-	-	36.20	-
	Bottom Bar	A	16	3	2	6.80	-	-	-	-	-	40.80	-	-
		A	20	3	2	7.20	-	-	-	-	-	-	43.20	-
		A	20	3	2	5.3	-	-	-	-	-	-	31.80	-
	Negative Bar	B	20	2	2	4.00	-	-	-	-	-	-	16.00	-
		B	20	3	2	3.65	-	-	-	-	-	-	21.90	-
		B	20	3	2	3.65	-	-	-	-	-	-	21.90	-
		B	20	2	2	2.1	-	-	-	-	-	-	8.40	-
	Stirrups						-	-	-	-	-	-	-	-
	Axis 1'-1	K	8	9	2	1.50	-	27.00	-	-	-	-	-	-
	Axis 1-2	B	8	26	2	1.50	-	78.00	-	-	-	-	-	-
	Axis 2-3	K	8	38	2	1.50	-	114.00	-	-	-	-	-	-
	Axis 3-4	K	8	25	2	1.50	-	75.00	-	-	-	-	-	-
	1BF-Beam 9 On Axis A'						-	-	-	-	-	-	-	-
	Top Bar	B	20	2	1	10.62	-	-	-	-	-	-	21.24	-
		B	20	2	1	4.45	-	-	-	-	-	-	8.90	-
	Bottom Bar	A	16	2	1	6.80	-	-	-	-	-	13.60	-	-
		A	20	2	1	7.20	-	-	-	-	-	-	14.40	-
							-	-	-	-	-	-	-	-
Total length(M)							-	556.50	-	-	-	54.40	373.02	-
Weight per M							0.222	0.395	0.617	0.888	1.21	1.58	2.47	3.55
Total weight (kg)							-	219.82	-	-	-	85.95	921.36	-

Prepared:- _____
Date:- _____Approved :- _____
Date :- _____

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Eliyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



No	Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s							
							Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20	Φ24
	Stirrups						-	-	-	-	-	-	-	-
	Axis 1'-1	K	8	10	1	1.5	-	15.00	-	-	-	-	-	-
	Axis 1-2	K	8	29	1	1.5	-	43.50	-	-	-	-	-	-
	Axis 2-3	K	8	42	1	1.50	-	63.00	-	-	-	-	-	-
	1BF-Beam 10 On Axis 1						-	-	-	-	-	-	-	-
	Top Bar	B	16	2	1	8.64	-	-	-	-	-	17.28	-	-
		B	16	2	1	11.10	-	-	-	-	-	22.20	-	-
	Bottom Bar	A	16	3	1	10.70	-	-	-	-	-	32.10	-	-
		A	16	3	1	7.80	-	-	-	-	-	23.40	-	-
	Negative Bar	B	16	2	1	2.00	-	-	-	-	-	4.00	-	-
		B	16	2	1	3.15	-	-	-	-	-	6.30	-	-
		B	16	2	1	3.00	-	-	-	-	-	6.00	-	-
		B	16	2	1	2.50	-	-	-	-	-	5.00	-	-
		B	16	2	1	1.85	-	-	-	-	-	3.70	-	-
	Stirrups						-	-	-	-	-	-	-	-
	Axis A'-A	K	8	32	1	1.50	-	48.00	-	-	-	-	-	-
	Axis A-B	K	8	34	1	1.50	-	51.00	-	-	-	-	-	-
	Axis B-C	K	8	24	1	1.50	-	36.00	-	-	-	-	-	-
	Axis C-D	K	8	23	1	1.50	-	34.50	-	-	-	-	-	-
	1BF-Beam 11 On Axis 1						-	-	-	-	-	-	-	-
	Top Bar	B	16	2	1	10.25	-	-	-	-	-	20.50	-	-
		B	16	4	1	3.81	-	-	-	-	-	15.24	-	-
	Bottom Bar	A	16	3	1	4.05	-	-	-	-	-	12.15	-	-
		A	16	3	1	8.90	-	-	-	-	-	26.70	-	-
	Negative Bar		16	2	1	1.65	-	-	-	-	-	3.30	-	-
		B	16	2	1	2.50	-	-	-	-	-	5.00	-	-
		B	16	2	1	2.50	-	-	-	-	-	5.00	-	-
	Stirrups						-	-	-	-	-	-	-	-
	Axis E-F	K	8	24	1	1.50	-	36.00	-	-	-	-	-	-
	Axis F-G	K	8	24	1	1.50	-	36.00	-	-	-	-	-	-
	Axis G-H	K	8	23	1	1.50	-	34.50	-	-	-	-	-	-
	Axis H-I	K	8	7	1	1.50	-	10.50	-	-	-	-	-	-
							-	-	-	-	-	-	-	-
							-	-	-	-	-	-	-	-
							-	-	-	-	-	-	-	-
Total length(M)							-	408.00	-	-	-	207.87	-	-
Weight per M							0.222	0.395	0.617	0.888	1.21	1.58	2.47	3.55
Total weight (kg)							-	161.16	-	-	-	328.43	-	-

Prepared:- _____
Date:- _____Approved :- _____
Date :- _____

Project: Hotel building
Contractor: Kidma Contractor
Client: Yuluch Eliyano Trading P.L.C
Consultant: Dawit Semret Consultancy P.L.C



No	Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type andTotal of Length of Bar/s							
							Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20	Φ24
	1BF-Beam 12 On Axis 2						-	-	-	-	-	-	-	-
	Top Bar	B	24	4	1	10.37	-	-	-	-	-	-	-	41.48
		B	24	3	1	9.50	-	-	-	-	-	-	-	28.50
		B	24	2	1	8.58								
		B	24	1	1	7.50								
	Bottom Bar	A	16	3	1	5.90	-	-	-	-	-	17.70	-	-
		A	24	6	1	9.60	-	-	-	-	-	-	-	57.60
		A	20	6	1	10.45	-	-	-	-	-	-	62.70	-
	Negative Bar	B	16	2	1	2.00								
		B	24	4	2	4.40								
		B	24	4	1	4.90								
		B	24	1	1	5.10								
	Stirrups						-	-	-	-	-	-	-	-
	Axis A'-A	K	8	29	1	1.50	-	43.50	-	-	-	-	-	-
	Axis A-C(c/c 150)	K	8	20	1	1.50	-	30.00	-	-	-	-	-	-
	Axis A-C(c/c 130)	K	10	46	1	1.50	-	-	69.00	-	-	-	-	-
	Axis C-E(c/c 150)	K	8	18	1	1.50	-	27.00	-	-	-	-	-	-
	Axis C-E(c/c 120)	K	8	40	1	1.50	-	60.00	-	-	-	-	-	-
	1BF-Beam 13 On Axis 2	K					-	-	-	-	-	-	-	-
	Top Bar	C	24	2	1	7.63	-	-	-	-	-	-	-	15.26
	Bottom Bar	A	20	6	1	10.75	-	-	-	-	-	-	64.50	-
	Negative Bar	B	24	4	1	5.85	-	-	-	-	-	-	-	23.40
	Stirrups						-	-	-	-	-	-	-	-
	Axis E-G(c/c 120)	K	8	40	1	1.50	-	60.00	-	-	-	-	-	-
	Axis E-G (c/c 150)	K	8	16	1	1.50	-	24.00	-	-	-	-	-	-
	Axis G-H	K	8	18	1	1.50	-	27.00	-	-	-	-	-	-
							-	-	-	-	-	-	-	-
							-	-	-	-	-	-	-	-
							-	-	-	-	-	-	-	-
							-	-	-	-	-	-	-	-
				Total length(M)			-	271.50	69.00	-	-	17.70	127.20	166.24
				Weight per M			0.222	0.395	0.617	0.888	1.21	1.58	2.47	3.55
				Total weight (kg)			-	107.24	42.57	-	-	27.97	314.18	590.15

Prepared:- _____
Date:- _____

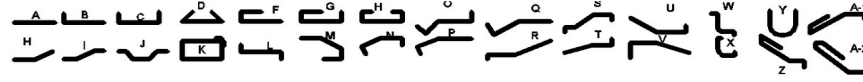
Approved :- _____
Date :- _____

Project: Hotel building

Contractor: Kidma Contractor

Client: Yuluch Eliyano Trading P.L.C

Consultant: Dawit Semret Consultancy P.L.C



No	Location	Shape or Bar No.	Dia.(Φ)	No of bar	No of mem.	Length (m)	Type and Total of Length of Bar/s							
							Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20	Φ24
	1BF-Beam 14 On Axis 3	B	24	3	1	10.2	-	-	-	-	-	-	-	30.60
	Top Bar	A	24	3	1	9.38	-	-	-	-	-	-	-	28.14
		A	24	3	1	8.58	-	-	-	-	-	-	-	25.74
		B	24	3	1	8.00	-	-	-	-	-	-	-	24.00
	Bottom Bar						-	-	-	-	-	-	-	-
		A	24	3	1	4.71	-	-	-	-	-	-	-	14.13
		A	24	6	1	9.60	-	-	-	-	-	-	-	57.60
		A	24	4	1	8.70	-	-	-	-	-	-	-	34.80
		A	24	4	1	10.70	-	-	-	-	-	-	-	42.80
	Negative Bar	B	24	1	1	2.00	-	-	-	-	-	-	-	2.00
		A	24	4	1	4.40	-	-	-	-	-	-	-	17.60
		A	24	4	1	4.90	-	-	-	-	-	-	-	19.60
		A	24	3	1	4.40	-	-	-	-	-	-	-	13.20
		B	24	2	1	5.85	-	-	-	-	-	-	-	11.70
	Stirrups						-	-	-	-	-	-	-	-
	Axis A'-A	K	8	22	1	1.50	-	33.00	-	-	-	-	-	-
	Axis A-C(c/c 150)	K	8	21	1	1.50	-	31.50	-	-	-	-	-	-
	Axis A-C(c/c 130)	K	10	46	1	1.50	-	-	69.00	-	-	-	-	-
	Axis C-E(c/c 150)	K	8	17	1	1.50	-	25.50	-	-	-	-	-	-
	Axis C-E(c/c 120)	K	8	40	1	1.50	-	60.00	-	-	-	-	-	-
	Axis E-G(c/c 120)	K	8	40	1	1.50	-	60.00	-	-	-	-	-	-
	Axis E-G (c/c 150)	K	8	12	1	1.50	-	18.00	-	-	-	-	-	-
	Axis H-LIFET	K	8	16	1	1.50	-	24.00	-	-	-	-	-	-
	1BF-Beam 15 On Axis 4						-	-	-	-	-	-	-	-
	Top Bar	B	20	2	1	12.00	-	-	-	-	-	-	24.00	-
		B	20	2	1	6.75	-	-	-	-	-	-	13.50	-
	Bottom Bar	A	20	4	1	9.40	-	-	-	-	-	-	37.60	-
		A	20	4	1	8.40	-	-	-	-	-	-	33.60	-
	Negative Bar	B	20	2	1	2.40	-	-	-	-	-	-	-	-
		A	20	2	1	3.00	-	-	-	-	-	-	6.00	-
		A	20	2	1	2.50	-	-	-	-	-	-	5.00	-
		A	20	2	1	2.60	-	-	-	-	-	-	5.20	-
		B	20	4	1	2.00	-	-	-	-	-	-	8.00	-
	Stirrups						-	-	-	-	-	-	-	-
	Axis A-B(c/c 150)	K	8	10	1	1.50	-	15.00	-	-	-	-	-	-
	Axis A-B(c/c 130)	K	10	28	1	1.50	-	-	42.00	-	-	-	-	-
	Axis B-C(c/c 150)	K	8	7	1	1.50	-	10.50	-	-	-	-	-	-
	Axis B-C(c/c 130)	K	10	20	1	1.50	-	-	30.00	-	-	-	-	-
	Axis C-D(c/c 150)	K	8	9	1	1.50	-	13.50	-	-	-	-	-	-
	Axis C-D(c/c 120)	K	8	18	1	1.50	-	27.00	-	-	-	-	-	-
	Axis D-E(c/c 150)	K	8	10	1	1.50	-	15.00	-	-	-	-	-	-
	Axis D-E(c/c 120)	K	8	20	1	1.50	-	30.00	-	-	-	-	-	-
	Total length(M)						-	363.00	141.00	-	-	-	132.90	321.91
	Weight per M						0.222	0.395	0.617	0.888	1.21	1.58	2.47	3.55
	Total weight (kg)						-	143.39	87.00	-	-	-	328.26	1,142.78

Prepared:-

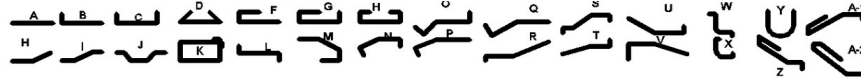
Date:-

Approved :-

Date :-

Kidma Building Contractor

Project: Hotel building
Contractor: Kidma Contractor
Client: Yuluch Eliyano Trading P.L.C
Consultant: Dawit Semret Consultancy P.L.C



Prepared:- _____
Date:- _____

Approved :- _____
Date :- _____

CERTIFICATE OF MEASUREMENT**PROJECT: G+12 HOTEL BUILDING****CLIENT:- YULUCH ELYANO TRADING P.L.C****CONTRACTOR:- KIDMA BUILDING CONTRACTOR****CONSULTANT:- DAWIT SEMRET CONSULTANCY P.L.C**

IT NO.	Description	Unit	Con.Qty	Rate	Cont. Amount	EXECUTED			
						PREVIOUS		CURRENT	
						QUANTITY	AMOUNT	QUANTITY	AMOUNT
	A. SUB STRUCTURE								
	1. EXCAVATION AND EARTH WORK								
1.02	Bulk excavation in ordinary soil for mat foundation and retaining wall to a depth not exceeding 1500mm from reduced level	m ³	1,767.00	100.00	176,700.00	2,173.70	217,370.00		-
1.03	Ditto to item 1.02 but exceeding 1500mm but not exceedig 3000mm	m ³	1,767.00	100.00	176,700.00	2,077.62	207,762.00		-
1.04	Ditto to item 1.02 but exceeding 3000mm but not exceedig 45000mm	m ³	1,767.00	100.00	176,700.00	1,750.38	175,038.00		-
new	Ditto to item 1.02 but exceeding 4500mm but not exceeding 6000mm	m ³	-	100.00	-	470.28	47,028.00		-
new	Bulk excavation in hard rock soil type for mat foundation and retaining wall to a depth exceeding 4500mm but not exceeding 6000mm	m ³	-	350.00	-	1,297.73	454,205.50		-

CONTRACTOR_____**SUPERVISOR**_____

CERTIFICATE OF MEASUREMENT

PROJECT: G+12 HOTEL BUILDING

CLIENT:- YULUCH ELYANO TRADING P.L.C

CONTRACTOR:- KIDMA BUILDING CONTRACTOR

CONSULTANT:- DAWIT SEMRET CONSULTANCY P.L.C

IT NO.	Description	Unit	Con.Qty	Rate	Cont. Amount	EXECUTED			
						PREVIOUS		CURRENT	
						QUANTITY	AMOUNT	QUANTITY	AMOUNT
1.06	Bulk excavation in hard rock soil type for mat foundation and retaining wall to a depth exceeding 6000mm but not exceeding 7500mm	m³	706.80	350.00	247,380.00	947.96	331,786.00		-
1.07	Ditto to item 1.06 but exceeding 7500mm but not exceeding 9000mm	m³	-	350.00	-	166.37	58,229.50		-
new	Backfill ordinary soil for the construction of shoring along the border.	m³	-	24.55	-	1,965.73	48,258.67		-
###	Cart away and spread surplus excavated material to municipality approved fill site	m³	8,010.80	80.00	640,864.00	9,172.84	733,827.20	-	-
NEW	Pit excavation in hard rock soil type for collecting surface and sub-surface water to a depth exceeding 9000mm but not exceeding 11500mm	m³	-	350.00	-	27.22	-	-	-
new	Pit excavation in ordinary soil type for collecting surface and sub-surface water to a depth exceeding 9000mm but not exceeding 11500mm	m³	-	100.00	-	15.98	1,598.00	-	-
	total carried to summary				1,418,344.00		2,275,102.87		-

CONTRACTOR_____

SUPERVISOR_____

CERTIFICATE OF MEASUREMENT

PROJECT: G+12 HOTEL BUILDING

CLIENT:- YULUCH ELYANO TRADING P.L.C

CONTRACTOR:- KIDMA BUILDING CONTRACTOR

CONSULTANT:- DAWIT SEMRET CONSULTANCY P.L.C

It.No	Description	Unit	Con.Qty	Rate	Cont. Amount	EXECUTED			
						PREVIOUS		CURRENT	
						QUANTITY	AMOUNT	QUANTITY	AMOUNT
	2. CONCRETE WORK								
NEW	5cm thick lean concrete in C-5 concrete quality under masonry wall	m ²	-	21.00	-	62.02	1,302.42		-
NEW	Shotcrete	m ³	-	1,190.52	-	0.95	1,130.99		-
2.01	5cm thick lean concrete in C-5 concrete quality with a minimum cement content of 150kg/m3 under mat and retaining wall	m ²	743.28	21.00	15,608.88	775.64	16,288.44	-	-
2.03	provide, cut and fix in position sawn zigba wood or equivalent formwork								
c)	in basement columns	m ²	566.40	190.00	107,616.00	151.58	28,800.20	143.14	27,195.84
d)	in mat beams	m ²	300.78	190.00	57,148.20	692.27	131,531.30	-	-
e)	in Basement beam	m ²	439.92	190.00	83,584.80	-	-	263.66	50,095.83
h)	in Basement slab	m ²	1,169.84	190.00	222,269.60	-	-	569.54	108,213.21
i)	in staircase and landing	m ²	34.84	190.00	6,619.60	-	-	31.11	5,911.01
j)	External in shear wall for lift shaft and retaining wall	m ²	689.80	190.00	131,062.00	350.96	66,682.40	805.87	153,115.32
new	in sump pits	m ²	-	190.00	-	34.25	6,507.50	-	-
###	Reinforcement bars according to the structural drawing								
a)	Φ8mm deformed bar	kg	14,732.49	3.50	51,563.72	1,162.68	4,069.38	3,155.84	11,045.44
b)	Φ10mm deformed bar	kg	32,569.53	3.50	113,993.36	14,362.97	50,270.40	12,880.74	45,082.59
c)	Φ12mm deformed bar	kg	8,636.58	3.50	30,228.03	4,212.21	14,742.74	3,939.10	13,786.85
d)	Φ14mm deformed bar	kg	7,700.10	3.50	26,950.35	6,734.21	23,569.74	4,540.99	15,893.47
e)	Φ16mm deformed bar	kg	22,449.72	3.50	78,574.02	15,825.05	55,387.67	2,229.09	7,801.82
f)	Φ20mm deformed bar	kg	25,628.11	3.50	89,698.39	18,445.10	64,557.85	6,089.58	21,313.53
g)	Φ24mm deformed bar	kg	33,591.01	3.50	117,568.54	37,461.72	131,116.02	2,959.61	10,358.64
	total carried to summary				1,132,485.47		595,957.04		469,813.54

CONTRACTOR _____

SUPERVISOR _____

CERTIFICATE OF MEASUREMENT

PROJECT: G+12 HOTEL BUILDING

CLIENT:- YULUCH ELYANO TRADING P.L.C

CONTRACTOR:- KIDMA BUILDING CONTRACTOR

CONSULTANT:- DAWIT SEMRET CONSULTANCY P.L.C

It.No	Description	Unit	Con.Qty	Rate	Cont. Amount	EXECUTED			
						PREVIOUS		CURRENT	
						QUANTITY	AMOUNT	QUANTITY	AMOUNT
new	3. MASONRY WORK								
NEW	Provide basaltic or equivalent type stone masonry bedded in cement mortar (1:3) mix below ground surface. Price shall include cement mortar bed	m ³	-	356.87	-	285.75	101,975.60		-
	total carried to summary				-		101,975.60		-

CONTRACTOR_____

SUPERVISOR_____

PAGE _____
DATE _____

TODATE	
QUANTITY	AMOUNT
2,173.70	217,370.00
2,077.62	207,762.00
1,750.38	175,038.00
470.28	47,028.00
1,297.73	454,205.50

PAGE _____
DATE _____

TODATE	
QUANTITY	AMOUNT
947.96	331,786.00
166.37	58,229.50
1,965.73	48,258.67
9,172.84	733,827.20
27.22	9,527.00
15.98	1,598.00
	2,284,629.87

PAGE_____

DATE_____

TODATE	
QUANTITY	AMOUNT
62.02	1,302.42
0.95	1,130.99
775.64	16,288.44
294.72	55,996.04
692.27	131,531.30
263.66	50,095.83
569.54	108,213.21
31.11	5,911.01
1,156.83	219,797.72
34.25	6,507.50
-	
4,318.52	15,114.82
27,243.71	95,352.99
8,151.31	28,529.59
11,275.20	39,463.20
18,054.14	63,189.49
24,534.68	85,871.38
40,421.33	141,474.66
	1,065,770.58

page _____

date _____

PROJECT: G+12 HOTEL BUILDING

CLIENT:- YULUCH ELYANO TRADING P.L.C

CONTRACTOR:- KIDMA BUILDING CONTRACTOR

CONSULTANT:- DAWIT SEMRET CONSULTANCY P.L.C

SUMMARY OF PRICES

IT. NO	DESCRIPTION	CONTRACT AMOUNT	PREVIOUS AMOUNT	CURRENT AMOUNT
	<u>A. SUB - STRUCTURE</u>			
1	EXCAVATION AND EARTH WORK	1,542,497.36	2,270,048.87	14,581.00
2	CONCRETE WORK	1,832,497.58	2,433.41	593,524.05
3	MASONRY WORK	-	101,975.60	-
	GRAND TOTAL	3,374,994.94	2,374,457.89	608,105.05

Contractor _____

Supervisor

page _____
date _____

PROJECT: G+12 HOTEL BUILDING

CLIENT:- YULUCH ELYANO TRADING P.L.C

CONTRACTOR:- KIDMA BUILDING CONTRACTOR

CONSULTANT:- DAWIT SEMRET CONSULTANCY P.L.C

SUMMARY OF PRICES

IT. NO	DESCRIPTION	CONTRACT AMOUNT	PREVIOUS AMOUNT	CURRENT AMOUNT
	<u>A. SUB - STRUCTURE</u>			
1	EXCAVATION AND EARTH WORK	1,542,497.36	2,284,629.87	-
2	CONCRETE WORK	1,832,497.58	595,957.46	469,813.54
3	MASONRY WORK	-	101,975.60	-
	GRAND TOTAL	3,374,994.94	2,982,562.94	469,813.54

Contractor _____

Supervisor _____

TO DATE AMOUNT(BIRR)	
	2,284,629.87
	595,957.46
	101,975.60
	2,982,562.94

.

TO DATE AMOUNT(BIRR)	
	2,284,629.87
	1,065,771.00
	101,975.60
	3,452,376.47

PAYMENT CERTIFICATE NO. 3

Project:- Hotel Building

Location:- Addis Ababa

Client:- Yuluch Elyano Trading PLC

Contractor:- Kidma Building Contractor

Consultant:- Dawit Semret Consultancy

Contract Agreement Date:- 08/11/2016

Main Contract

Supplementary Contract

Variation Orders

VAT (15%)

Total....

As per the attached statement, the value of work executed and/or materials supplied to date is bi
supplementary work
material on site
work executed including material on site
TOTAL.....

A. Advance Payment

Prv P. No.	Date	Before VAT	VAT (15%)	Total Amount
1		500,000.00	75,000.00	575,000.00
2		200,000.00	30,000.00	230,000.00
3		350,000.00	52,500.00	402,500.00
4		800,000.00	###	920,000.00
5		618,721.85	92,808.28	711,530.13
TOTAL		2,468,721.85	###	2,839,030.13

B. Interim Payments

1	23/12/17	###	###	###
2	5/3/2018	378,009.24	61,063.03	439,072.27
3				
4				
5				
6				
7				
8				
9				
10				
TOTAL		###	###	1,792,715.70

DEDUCTIONS

1. Previous payment	1,543,397.62
2. Retention (5%	149,128.15
3. Rebate	
4. Penalty	
5. Advance Rep.	894,768.88
Total.....	2,587,294.65

Net Sum Due To The Contr

VAT PAYMENT

15% VAT on total executed amount
15% VAT on this certificate
15% VAT (todate retained amount-previous retained amount)
Net VAT payment on this certificate

Amount of Advance Taken Without VAT (Birr)	2,468,721.85
Amount of Advance Repaid Without VAT(Birr)	894,768.88
Outstanding Advance Repayment Without VAT (Birr)	1,573,952.97

Total payment to the contractor including 15% VAT

We certify that the contractor is now entitled to the sum of birr **Four Hundred Sixty Three Thousand &14/100.**

Prepared by

Approved by

PAYMENT CERTIFICATE NO. 4

Project:- Hotel Building

Location:- Addis Ababa

Client:- Yuluch Elyano Trading PLC

Contractor:- Kidma Building Contractor

Consultant:- Dawit Semret Consultancy

Contract Agreement Date:- 08/11/2016

Main Contract

Supplementary Contract

Variation Orders

VAT (15%)

Total....

As per the attached statement, the value of work execute and/or materials supplied to date is bi
supplementary work
material on site
work executed including material on si

A. Advance Payment

Prv P. No.	Date	Before VAT	VAT (15%)	Total Amount
1		500,000.00	75,000.00	575,000.00
2		200,000.00	30,000.00	230,000.00
3		350,000.00	52,500.00	402,500.00
4		800,000.00	###	920,000.00
5		618,721.85	92,808.28	711,530.13
TOTAL		2,468,721.85	###	2,839,030.13

B. Interim Payments

1	23/12/17	###	###	###
2	5/3/2018	378,009.24	61,063.03	439,072.27
3		395268.29	63851.03	459119.32
4				
5				
6				
7				
8				
9				
10				
TOTAL		###	###	1,792,715.70

DEDUCTIONS

1. Previous payment	1,938,665.91
2. Retention (5%)	172,618.82
3. Rebate	
4. Penalty	
5. Advance Rep.	1,035,712.94
Total.....	3,146,997.68

Net Sum Due To The Contr

VAT PAYMENT

15% VAT on total executed amount
15% VAT on this certificate
15% VAT (todate retained amount-previous retained amount)
Net VAT payment on this certificate

Amount of Advance Taken Without VAT (Birr)	2,468,721.85
Amount of Advance Repaid Without VAT(Birr)	1,035,712.94
Outstanding Advance Repayment Without VAT (Birr)	1,433,008.91

Total payment to the contractor including 15% VAT

We certify that the contractor is now entitled to the sum of birr **Four Hundred Sixty Three Thousand &14/100.**

Prepared by

Approved by

Amount (Birr)
###
t
###
###

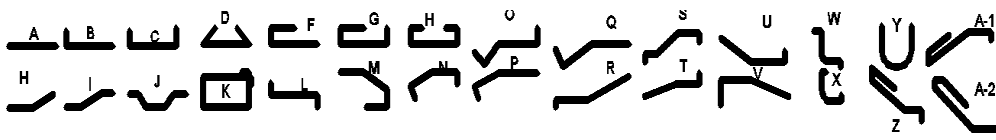
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447,384.44
59,290.24
4,560.79
63,851.03

459,119.32

Five Hundred Ninety Eight

Consultant: Dawit Semret Consultancy P.L.C



Kidma Building

[illegible]

Prepared:-

Approved :-

Date:-_____

Date :-_____

no +

Contractor

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[illegible]

Kidma

Figure 1 shows 24 different types of DNA structures, labeled A through Z. The structures are represented by black lines of varying lengths and orientations. Some structures are simple straight lines, while others are bent, looped, or have specific connections between segments. The labels are arranged in two rows: A through W in the top row, and H through Z in the bottom row. A-1 and A-2 are also shown at the bottom right.

Prepared:- _____
Date:- _____

Approved :- _____
Date :- _____

1 039 +1%0+

Building Contractor

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[illegible]

Page No	Type and Total of Length of Bar/s						
	Φ6	Φ8	Φ10	Φ12	Φ14	Φ16	Φ20
1	0	0	7197.6	0	0	0	0
2	0	0	3093.2	0	0	0	0
3	0	0	1079.6	1566.7	0	0	0
4	0	0	1174.6	504.0	0	0	0
5	0	312.00	0	0	13.10	238.85	84.00
6	0	556.5	0	0	0	54.4	373.02
7	0	408	0	0	0	207.87	0
8	0	271.5	69	0	0	17.7	127.2
9	0	363	141	0	0	0	132.9
10	0	214.7	16.8	0	0	12	165.45
11	0	469.5	0	0	0	0	436.2
12	0	274.5	0	0	0	0	369.78
13	0	142.8	0	0	0	0	0
14	0	0	2480.02	525.52	0	0	0
15	0	0	320.74	84	0	0	0
16	0	555.6	0	515.9	0	80	134.4
17	0	365.2	0	346.5	0	0	54.6
18	0	432.4	0	508.2	0	24	100.8
19	0	423.7	56.8	479.02	0	0	90.91
20	0	182.4	0	154	0	0	0
21	0	0	0	0	2554.11	0	0
22	0	0	1052.4	0	881.46	0	0
23	0	0	3522.4	0	0	0	0
24	0	1715.85	0	0	0	640	329.6
25	0	295.65	0	0	0	136	66.56
26	0	452.6	0	0	341.4	0	0
27	0	0	424.46	0	0	0	0
Total length (m)	0	7435.9	20628.5	4683.84	3790.07	1410.82	2465.42
Unit weight (kg)	0.222	0.395	0.617	0.888	1.21	1.58	2.47
Total weight (kg)	0	2934.701867	12720.92067	4159.24992	4585.9847	2229.0956	6089.5874

Φ24
0
0
0
0
0
0
0
0
166.24
321.91
0
0
0
0
0
0
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345.6
0
0
0
833.75
3.55
2959.8125