

Work Description:		Basement Slab & Beams Concrete estimate of 2727									
Prepared By	G Venkatesh										
Date:	18-07-2020										
	Beam Size in mm	230 x 450	230 x 525	300 x 525	300 x 600						
	Beam Size in inch	9" x 15"	9" x 21"	12" x 21"	12" x 24"						
	Centering area in sft per rft	3.25	4.25	4.50	5.00						
	Concrete area in cft per rft	0.94	1.31	1.75	2.00						
S no	Floor	Grid No	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Centering area in sft	Concreting qty in cft			
1	Plinth beam	A	50.69				164.74	47.52			
2	Plinth beam	A'		11.32			48.09	14.85			
3	Plinth beam	B		91.00	9.74		430.57	136.48			
4	Plinth beam	B'		114.99			488.71	150.92			
5	Plinth beam	C	7.61	12.30			77.01	23.28			
6	Plinth beam	C'		7.12			30.25	9.34			
	Plinth beam	C''	7.12				23.13	6.67			
7	Plinth beam	D	66.58	36.31			370.70	110.08			
8	Plinth beam	E			*58.84	36.47	447.16	175.92			
9	Plinth beam	F			58.84	36.47	447.16	175.92			
10	Plinth beam	G			58.84	36.47	447.16	175.92			
11	Plinth beam	H				95.32	476.58	190.63			
12	Plinth beam	I		12.69	74.32	7.87	427.77	162.47			
13	Plinth beam	J		12.69			53.95	16.66			
14	Plinth beam	J'	8.94				29.05	8.38			
15	Plinth beam	J''	8.94				29.05	8.38			
16	Plinth beam	J'''				18.12	90.61	36.24			
17	Plinth beam	K		12.69			53.95	16.66			
18	Plinth beam	L		12.69		18.35	145.71	53.36			
19	Plinth beam	M			73.60		331.21	128.81			
20	Plinth beam	N		29.91			127.13	39.26			
21	Plinth beam	1		35.49	28.65	108.83	823.91	314.38			
22	Plinth beam	1'		14.17			60.22	18.60			
23	Plinth beam	2	3.13	35.49		23.98	280.90	97.47			
24	Plinth beam	3	3.13			189.67	958.51	382.27			
25	Plinth beam	4	14.61				47.49	13.70			
26	Plinth beam	5				23.98	119.88	47.95			
27	Plinth beam	6	3.13				10.18	2.94			
28	Plinth beam	7	11.48	14.24		225.22	1,223.92	479.89			
29	Plinth beam	8	11.48	22.27		133.68	800.34	307.35			
30	Plinth beam	9		11.73		23.98	169.72	63.34			
31	Plinth beam	10		8.89	35.49		197.48	73.77			
32	Plinth beam	11		35.49	11.73	23.98	323.48	115.05			
33	Plinth beam	12	11.73			20.57	140.94	52.12			
	Subtotal A - Plinth Beam						9,897	3,657			

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20 JUL 2020

G. Venkatesh
Project Manager

Project Name:	GVRC				2727 Block estimation ver4b 15-07-2020.xlsx								
	Innopolis				slab3 with beams								
Description:	GL slab with Beams Concrete estimate of 2727												
Prepared By	G venkatesh												
	18-07-2020												
Size in mm	300 x 500	600 x 500	230 x 500	230 x 625	230 x 450	300 x 525	300 x 450	375 x 525	300 x 600	230 x 600			
Size in inch	12" x 20"	24" x 20"	9" x 20"	9" x 25"	9" x 18"	12" x 21"	12" x 18"	15" x 21"	12" x 24"	9" x 24"			
Area in sq ft per rft	3.00	4.00	2.75	3.58	2.42	3.17	2.67	3.42	3.67	3.42			
Area in cft per rft	1.00	2.00	0.75	1.06	0.63	1.08	0.83	1.08	1.33	1.00			
	Beam no & size	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Centring area in sq ft	Concreting qty in cft
	B1 300 x 500	4.80										155.00	4.80
	B1 600 x 500		21.60									930.01	43.20
	B2 600 x 500		43.10									172.40	86.20
	B3 600 x 500		43.10									172.40	86.20
	B4 230 x 500			2.00								5.50	1.50
	B5 600 x 500		43.10									172.40	86.20
	B6 230 x 500			26.00								71.50	19.50
	B7 230 x 500			11.90								32.73	8.93
	B8 230 x 500			11.90								32.73	8.93
	B9 230 x 500			8.80								24.20	6.60
	B9 600 x 500		24.70									98.80	49.40
	B10 600 x 500		24.70									98.80	49.40
	B10 230 x 500			8.80								24.20	6.60
	B10a 230 x 500			13.80								37.95	10.35
	B11 600 x 500		21.60									86.40	43.20
	B12 600 x 500		21.60									86.40	43.20
	B13 230 x 625				22.80							81.70	24.23
	B13 230 x 500			29.00								79.75	21.75
	B14 230 x 500			31.00								85.25	23.25
	B14a 230 x 500			5.90								16.23	4.43
	B15 600 x 500		30.80									123.20	61.60
	B16 230 x 500			12.80								35.20	9.60
	B17 600 x 500		62.00									248.00	124.00
	B18 230 x 500			16.70								45.93	12.53
	B18a 230 x 500			15.90								43.73	11.93
	B19 600 x 500		97.80									391.20	195.60
	B20 230 x 450					26.40						63.80	16.50
	B20 300 x 525						20.40					64.60	22.10
	B21 230 x 450					13.20						31.90	8.25
	B22 230 x 450					34.50						83.38	21.56
	B23 300 x 450							29.50				78.67	24.58
	B24 300 x 450							32.90				87.73	27.42
	B25 300 x 450							14.70				39.20	12.25
	B26 300 x 450							24.30				64.80	20.25
	B27 300 x 450							18.00				48.00	15.00

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Project Manager

	Beam no & size	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Beam length in rft	Centring area in sft	Concreting qty in cft
6	B28 300 x 450								28.90				77.07	24.08
7	B29 375 x 525								27.80				94.98	30.12
8	B29 300 x 450								8.20				21.87	6.83
9	B30 300 x 450								9.00				24.00	7.50
10	B31 300 x 450								10.60				28.27	8.83
11	B32 300 x 600										18.10		66.37	24.13
12	B33 230 x 600											18.70	63.89	18.70
13	B33 230 x 450					8.60							20.78	5.38
	Total :												4,311	1,337
area														
	Item	Thickness	Slab area from ACAD in sqmts	Centring area in sqmts	Concrete qty in cum									
1	Slab 1	0.20	18.49	18.49	3.70									
2	Slab 3 b	0.20	35.10	35.10	7.02									
3	Slab 3 b	0.20	16.00	16.00	3.20									
4	Slab 3 a	0.20	13.72	13.72	2.74									
5	Slab 3 a	0.20	16.81	16.81	3.36									
6	Slab 3 b	0.20	10.12	10.12	2.02									
7	Slab 3 c	0.20	14.30	14.30	2.86									
8	Slab 3 c	0.20	26.71	26.71	5.34									
9	Slab 3 c	0.20	11.32	11.32	2.26									
10	Slab 3 c	0.20	5.57	5.57	1.11									
11	Slab 3 c	0.20	9.26	9.26	1.85									
12	Slab 3 c	0.20	7.30	7.30	1.46									
13	Slab 3 c	0.20	18.94	18.94	3.79									
14	Slab 3 b	0.20	41.22	41.22	8.24									
15	Slab 3 b	0.20	8.32	8.32	1.66									
16	Slab 3 a	0.20	7.23	7.23	1.45									
17	Slab 3 b	0.20	9.31	9.31	1.86									
18	Slab 3 b	0.20	22.17	22.17	4.43									
19	Slab 3 b	0.20	7.05	7.05	1.41									
20	Slab 3 b	0.20	8.71	8.71	1.74									
				307.65	61.53									
1	Total												3507	7622

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[Signature]

20 JUL 2020

G. Venkatesh
Project Manager

y Name:	GVRC								
	Innopolis								
escription:	GL slab with beams concrete & shuttering estimate of 2727block								
By	G Venkatesh								
	18-07-2020								
a									
Item	Thickness	Slab area from ACAD in sft	Slab deduction in sft	Net slab area in sft	Slab Perimeter from ACAD in rft	column drop addition in sft	Net perimeter in sft	Centring area in sft	Concrete qty in cft
1 Grid D1,H1 -D20,H20,H2'-N2,,H10-N10	1.08	17,535	476	17,058	570		617	17,675	18,400
2 columns drop panel D14,17-H14,17	0.58					287		287	132
3 columns drop panel D10,13-G10,13	0.58					323		323	75
4 columns drop panel H10 - N10	0.58					161		161	63
5 columns drop panel D5-8 N5-8	0.58					526		526	203
6 columns drop panel D3-N3	0.58					449		449	203
7 columns drop panel D1-2 N1-2	0.58					455		455	63
								19876	19153



Company Name:	GVRC						
Project:	Innapolis						
Description:	payment summary of 2727 BLOCK						
Prepared By	G Venkatesh						
	18-07-2020-ver3a						

SHUTTERING AREAS					801(E)			
NO	BLOCK	TYPE OF STRUCTURE	QTY	UOM	CIRCULAR RATE	CIRCULAR-AMOUNT	ASKING RATE	ASKING-AMOUNT
1	2727	column 2 shuttering	3,367	sft	40	1,34,680	60	2,02,019
2	2727	plinth beam shuttering	9,897	sft	40	3,95,867	60	5,93,800
3	2727	slab2 shuttering	8,189	sft	40	3,27,566	60	4,91,349
4	2727	Lift-1 & 2(COL2)	1,262	sft	40	50,464	60	75,696
5	2727	Total	22,714	sft		8,58,113		12,87,169
1	2727	column 3 shuttering	6,840	sft	55	3,76,196	60	4,10,396
2	2727	Beam-slab3 beams with slab shuttering	6,638	sft	55	3,65,102	60	3,98,293
3	2727	Flat slab3 slab shuttering	19,876	sft	55	10,93,204	60	11,92,586
4	2727	staircase	384	sft	55	21,095	60	23,013
5	2727	Lift-1 & 2(COL3)	1,779	sft	55	97,829	60	1,06,722
6	2727	Total	35,517	sft		19,53,426		21,31,010

Note-Above rates are as per MD sir instructions given on MOM-16-06-2020

CONCRETE QUANTITY

NO	BLOCK	TYPE OF STRUCTURE	QTY	UOM
1	2727	column 2 RCC M30	1,552	cft
2	2727	plinth beam RCC M25	3,657	cft
3	2727	column 3 RCC M30	3,166	cft
4	2727	slab2 RCC M25	3,489	cft
5	2727	Beam-slab3 beams & slabs RMC M25	3,507	cft
6	2727	Flat slab3 slab RMC M25	19,152	cft
7	2727	Lift-1 & 2(COL2)	242	cft
8	2727	Lift-1 & 2(COL3)	258	cft
9	2727	Total	35,023	cft



G. Venkatesh
Project Manager