

Anx B – Work Completion Report

Company	AMTZ Medpolis Square 4554 Pvt Ltd			Name of contractor	Sinhaa Constructions		Sl. No. site bills reg.	149			
Project/site	AMS4554			Nature of work	RCC work		Dt. site bills reg.	12-11-2025			
Block no.	AMS4554			Work done from date	12-09-2025		M-codex bill ID.				
WO no.	20251103015			Work done to date	21-09-2025		WO issued ?	Yes			
WO date	03-11-2025			Contractor bill no.	78		GST bill required?	Yes			
Sl. No.	Unit/floor no	Details of work			Qty	Units	Rate ID	Rate	Amount		
1	AMS4554 / Level 01	CONST - RCC 6557 - Construction - Slab 3 - Bar bending - Ton (Labour charges for bar bending works)			1.82	Ton	RCC 208	9,647.00	17,547.89		
2	AMS4554 / Level 01	CONST - RCC 4576 - Construction - Slab 3 - Concreting - Material - cum (Concrete material charges for the duct beams)			8.98	Cum	RCC 189	4,933.00	44,298.34		
3	AMS4554 / Level 01	CONST - RCC 1383 - Construction - Slab 3 - Concreteing - Labour - cum (Labour charges for the concrete pouring works)			8.98	Cum	RCC 206	1,048.00	9,411.04		
4	AMS4554 / Level 01	CONST - RCC 9623 - Construction - Slab 3 - Shuttering - Sqm (Labour charges for the shuttering works of tie beams & floor beams)			109.48	Sqm	RCC 207	855.00	93,605.40		
5	AMS4554 / Level 01	CONST - RCC 7994 - Construction - RCC - Lift charges - Slab - 03 cum (Lift charges for the concrete material)			8.98	Cum	RCC 135	296.00	2,658.08		
6	AMS4554 / Level 01	CONST - RCC 1257 - Construction - RCC - Steel - Miscellaneous - misc - Nos(Labour charges for anchoring works of 8 mm bars of floor beams & tie beams)			646.00	No's		105.66	68,256.36		
								Add GST @	18%	2,35,777	
								Total amount including taxes for work done			42,440
								Total amount including taxes for work done			2,78,217
Remarks:											
Approved by QS team				Approved by Director/E&D team							
Sign:				Sign:							
Date:				Date:							
Notes: 1. This sheet replaces installation report and advice for credit to contractors. 2. This word form must be typed. 3. Use this form even if work order is not issued. 4. Attach measurement and estimate sheets only if required i.e., details cannot be entered greater than 10k QS manager and directors approval is required. 6. For bill amount less than 10k any QS team member may sign and in place of director sign of respective E&D member to be taken. 7. Project Manager Anand Mehta (for GHT + GMR), Sachin (for Vivopolsis), B. anand Kumar (for NGH + NRR). 8. Entry of rate ID is mandatory. 9. This sheet must be sent within 2 working days of work completion (with or without contractors bill). 10. Contractors to send scanned copy of bill to site and QS by email. 11. Contractors must submit original bills at HO (can be sent by courier).											

ESTIMATE SHEET									Approved by:	N. Leela Venkatesh
Company Name:				AMTZ Medpolis Square 4554 Pvt Ltd						
Project:				AMS4554						
Work Description:				RCC works for floor & Tie beams in Level 01						
Prepared By				N. Leela Venkatesh						
Date:				12-11-2025						
S No.	Unit/Floor no	Item Description	Quantity	Units	Rate	Amount	Item Head Total	Remarks		
1	AMS4554 / Level 01	CONST - RCC 6557 - Construction -Slab 3 - Bar bending - Ton (Labour charges for bar bending works)	1.82	Ton	9,647.00	17547.89	17,547.89			
2	AMS4554 / Level 01	CONST - RCC 4576 - Construction - Slab 3 - Concreting - Material - cum (Concrete material charges for the duct beams)	8.98	Cum	4,933.00	44298.34	44,298.34			
3	AMS4554 / Level 01	CONST - RCC 1383 - Construction - Slab 3 - Concreting - Labour - cum (Labour charges for the concrete pouring works)	8.98	Cum	1,048.00	9411.04	9,411.04			
4	AMS4554 / Level 01	CONST - RCC 9623 - Construction - Slab 3 - Shuttering - Sqm (Labour charges for the shuttering works of tie beams & floor beams)	109.48	Sqm	855.00	93605.40	93,605.40			
5	AMS4554 / Level 01	CONST - RCC 7994 - Construction - RCC - Lift charges - Slab - 03 cum (Lift charges for the concrete material)	8.98	Cum	296.00	2658.08	2,658.08			
6	AMS4554 / Level 01	CONST - RCC 1257 - Construction - RCC - Steel - Miscellaneous - misc - Nos(Labour charges for anchoring works of 8 mm bars of floor beams & tie beams)	646.00	No's	105.66	68256.36	68,256.36			
					Total		2,35,777			

APPROVED BY

N. Leela Venkatesh

LEELA VENKATESH.N.
Project Manager

MEASUREMENT SHEET												
Company Name:		AMTZ Medpolis Square 4554 Pvt Ltd			Approved by:		N. Leela Venkatesh					
Project:		AMS4554			Sign:							
Work Description :		RCC works for floor & Tie beams in Level 01			Work start date:		12-09-2025					
Contractor:		Simhaa Constructions			Work end date:		21-09-2025					
Prepared By:		N. Leela Venkatesh			Date :		12-11-2025					
S No.	Item Head	Item Description			A	B	C	D	E	F=AxBxCxD	G	H=Sum of F Item Head Total
			Length	Width	Height	Nos.	Unit wt/mtr	Quantity	Units			
1	RCC Works	CONST - RCC 6557 - Construction - Slab 3 - Bar bending - Ton (Labour charges for bar bending works)	1.00	1.00	1.00	-	-	1.82	Ton			1.82
2	RCC Works	CONST - RCC 4576 - Construction - Slab 3 - Concreting - Material - cum (Concrete material charges for the duct beams)	1.00	1.00	1.00	-	-	8.98	Cum			8.98
3	RCC Works	CONST - RCC 1383 - Construction - Slab 3 - Concreting - Labour - cum (Labour charges for the concrete pouring works)	1.00	1.00	1.00	-	-	8.98	Cum			8.98
4	RCC Works	CONST - RCC 9623 - Construction - Slab 3 - Shuttering - Sqm (Labour charges for the shuttering works of tie beams & floor beams)	1.00	1.00	1.00	-	-	109.48	Sqm			109.48
5	RCC Works	CONST - RCC 7994 - Construction - RCC - Lift charges - Slab - 03 cum (Lift charges for the concrete material)	1.00	1.00	1.00	-	-	8.98	Cum			8.98
6	RCC Works	CONST - RCC 1257 - Construction - RCC - Steel - Miscellaneous - misc - Nos(Labour charges for anchoring works of 8 mm bars of floor beams & tie beams)	1.00	1.00	1.00	-	-	646.00	No's			646.00
									TOTAL			784.24

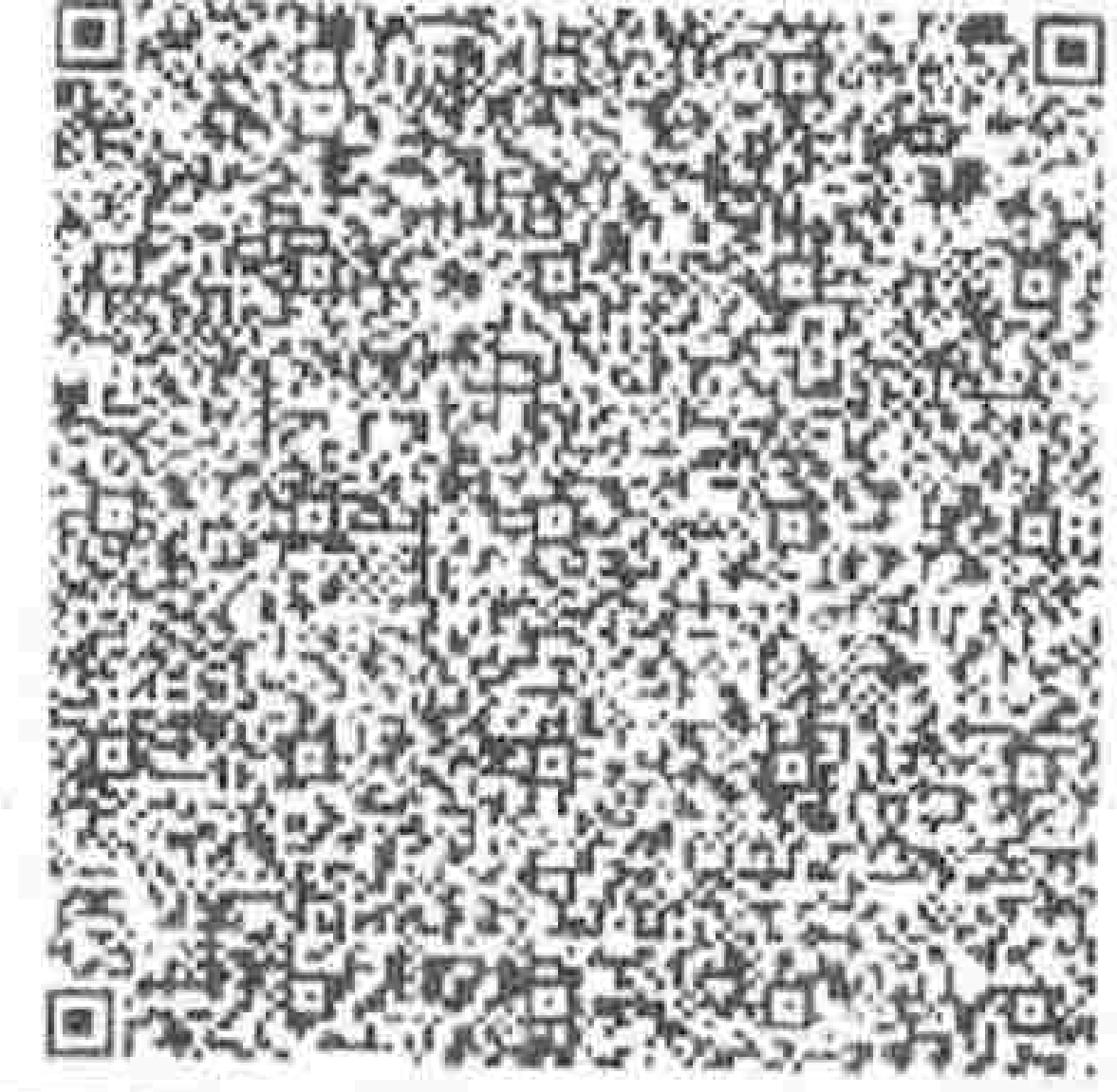
APPROVED BY

LEELA VENKATESH.N.
 Project Manager

Tax Invoice

e-Invoice

IRN : 04ff1644cc2d8b18d771a02a63bb87b8d0d63d24fbcd-ba19aca8f30e77bd55d
 Ack No : 112527549052805
 Ack Date : 7-Nov-25

**Simhaa Constructions (2025-26)**

Plot No 2, Block-B, Auto Nagar
 Visakhapatnam
 GSTIN/UIN 37ABMFS6706L1ZJ
 State Name Andhra Pradesh, Code 37
 E-Mail simhaaconstructions@rediffmail.com
 Buyer (Bill to)

AMTZ Medpolis Square 4554 Pvt. Ltd

VM Steel Project Town Ship Sub Post Office
 Ground, Plot No D1-56, HUB Building, AMTZ Campus,
 Pragathi Maidan, Visakhapatnam
 GSTIN/UIN 37AAXCA5420G1ZG
 State Name Andhra Pradesh, Code 37

Invoice No.	Dated
78	7-Nov-25
Delivery Note	Mode/Terms of Payment
Reference No. & Date	Other References
SC/AMS/4554/RA 74 dt. 7-Nov-25	
Buyer's Order No	Dated
20251103015	3-Nov-25
Dispatch Doc No	Delivery Note Date
Dispatched Through	Destination
Terms of Delivery	

SI No.	Particulars	HSN/SAC	Quantity	Rate	per	Amount
1	Contract Receipt (2025-26) RA 74 for Civil Contract for RCC Works for the project AMTZ Medpolis Square 4554, Visakhapatnam. RCC Works for Floor, Tie Beam in Level 01 of AMTZ 4554	995415				2,35,777.11
	CGST - Output 9%			9 %		21,219.94
	SGST - Output 9%			9 %		21,219.94
Total						₹ 2,78,216.99

Amount Chargeable (in words)

INR Two Lakh Seventy Eight Thousand Two Hundred Sixteen and Ninety Nine paise Only

E & O E

HSN/SAC	Taxable Value	Rate	CGST Amount	SGST/UTGST Rate	Amount	Total Tax Amount
995415	2,35,777.11	9%	21,219.94	9%	21,219.94	42,439.88
Total			21,219.94		21,219.94	42,439.88

Tax Amount (in words) INR Forty Two Thousand Four Hundred Thirty Nine and Eighty Eight paise Only

for Simhaa Constructions (2025-26)

Remarks:
 RA 74 RCC Works for Floor, Tie Beam in Level 01 of AMTZ 4554

For M/s. SIMHAA CONSTRUCTIONS

This is a Computer Generated Invoice

Authorised Signatory
 (KAN RAJU)
 Managing Partner

Civil Contract for RCC works for the project AMTZ Medpolis Square 4554 at AMTZ,
Visakhapatnam

RA - 74

SIMHAA CONSTRUCTIONS
Visakhapatnam

SIMHAA CONSTRUCTIONS

RA 74

DATE: 07.11.2025

Name of the work: Civil works for Construction of RCC building at AMTZ Medpolis Square 4554, Visakhapatnam.

Name of the Contractor : M/s Simhaa Constructions

P. O Number : 20251103015, on Dt: 03 Nov 2025

"RCC works for Floor, tie beams in level 01 of AMTZ 4554"

Sl. NO	Item Name	Uom	P.O Qty	Rate	QUANTITY			Amount		
					up to Previous	This Bill Qty	Total	Total Value of Work	up to Previous	Present Bill
1	CONST - RCC 6557 - Construction - Slab 3 - Bar Bending - Ton Labour charges for Bar bending works. Read UOM as MT.	Ton	2	9647.00	-	1.819	1.819	17,547.89	-	17,547.89
2	CONST - RCC 4576 - Construction - Slab 3 - Concreting - Material - - cum Charges for concrete material (M35). Read UOM as Cum.	Cum	9	4933.00	-	8.980	8.980	44,298.34	-	44,298.34
3	CONST - RCC 1383 - Construction - Slab 3 - Concreting - Labour - - cum Labour charges for the concrete laying works. Read UOM as Cum.	Cum	9	1048.00	-	8.980	8.980	9,411.04	-	9,411.04
4	CONST - RCC 9623 - Construction - Slab 3 - Shuttering - - sqm Labour charges for shuttering works of tie beams and floor beams. Read UOM as Sqm.	Sqm	109	855.00	-	109.480	109.480	93,605.40	-	93,605.40
5	CONST - RCC 7994 - Construction - RCC - Lift Charges - Slab - 03 - - cum Labour charges for lifting the concrete material. Read UOM as Cum.	Cum	9	296.00	-	8.980	8.980	2,658.08	-	2,658.08
6	CONST - RCC 1257 - Construction - RCC - Steel - Miscellaneous - misc - Nos. Labour charges for anchoring works of 8mm bars of floor beams and tie beams.	No's	646	105.66	-	646.000	646.000	68,256.36	-	68,256.36
Total								235777.11	-	235777.11

Total Value of present Bill 235777.11

Add GST @ 18% 42439.88

Total 278216.99

For M/s. SIMHAA CONSTRUCTIONS

{ Amount In Words : Two Lakhs Seventy Eight Thousand Two Hundred and Sixteen Rupees and Nine Paise Only }



Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medpolis Square 4554 Pvt.Ltd.

Work: RCC works for Floor, tie beams in level 01 of AMTZ 4554.

RAR No: 74

SUMMARY

Sl.No	Item	Description	Uom	Qty	Sub Total
	Level 01(1st floor)				
	Lockset - Anchoring = #8mm Rebars				646.000
1	Lockset - Anchoring = #8mm Rebars	Anchoring @ Duct Masorny Wall CC Bed	Each	128.000	
2	Lockset - Anchoring = #8mm Rebars	Anchoring @ Floor Beam Verticals	Each	518.000	
	RCC - M35 - RMC				8.980
3	Tie Beam RCC - M35 - RMC	RCC -Duct Tie Beam [150x300] at 3.0m Lvl	Cum	5.510	
4	Floor Beam RCC M35 -RMC	RCC - Floor Beam 150x150	Cum	1.691	
5	Duct Beam RCC -M35 - RMC	RCC -Addl.Beams [300x450](Secondary Beams at Ducts)	Cum	1.776	
	RCC - M35 -Labour				8.980
6	Tie Beam RCC - M35 -Labour	RCC -Duct Tie Beam [150x300] at 3.0m Lvl	Cum	5.510	
7	Floor Beam RCC M35 -Labour	RCC - Floor Beam 150x150	Cum	1.691	
8	Duct Beam RCC -M35 - Labour	RCC -Addl.Beams [300x450](Secondary Beams at Ducts)	Cum	1.776	
	RCC - M35 -Lift charges				8.980
9	Tie Beam RCC - M35 -Lift charges	RCC -Duct Tie Beam [150x300] at 3.0m Lvl	Cum	5.510	
10	Floor Beam RCC M35 -Lift Charges	RCC - Floor Beam 150x150	Cum	1.691	
11	Duct Beam RCC -M35 - Lift Charges	RCC -Addl.Beams [300x450](Secondary Beams at Ducts)	Cum	1.776	
	Formwork				109.480
12	Tie Beam RCC - Formwork	Form Work -Duct Tie Beam [150x300] at 3.0m Lvl	Sqm	73.170	
13	Floor Beam RCC - Form Work	Form Work - Floor Beam 150x150	Sqm	22.547	
14	Duct Beam RCC -Form Work	FOrmWork -Addl.Beams [300x450](Secondary Beams at Ducts)	Sqm	13.760	
	Steel				1.819
15	Tie Beams Steel	FF - Duct Outer Tie Beams at 3.0m Lvl	Ton	1.659	
16	Floor Beam Steel	Form Work - Floor Beam 150x150	Ton	0.058	
17	Duct Beam - Steel	Addl.Beams (Secondary Beams at Ducts)	Ton	0.102	

For M/s. SIMHAA CONSTRUCTIONS

 (KAN RAJU)
 Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medpolis Square 4554 Pvt.Ltd.

Work: RCC works for Floor, tie beams in level 01 of AMTZ 4554.

RAR No: 74

Level 01 (1st Floor) - Out Side Duct Tie Beam RCC Works

MEASUREMENT SHEET

Sl.no.	Item Head	Item Description	L	W	D	Nos	Qty	UOM	Remarks
1	Lockset - Anchoring = #8mm Rebars	Anchoring @ Duct Masorny Wall CC Bed	No.of Items	No.of Bars	No.of Locations		Qty	Uom	
		grid A-1 Duct	2	2	2		8		
		grid A-2 Duct	2	2	2		8		
		grid A-3 Duct	2	2	2		8		
		grid A-4 Duct	2	2	2		8		
		grid A-5 Duct	2	2	2		8		
		grid A-6 Duct	2	2	2		8		
		grid A-7 Duct	2	2	2		8		
		grid E-1 Duct	2	2	2		8		
		grid E-2 Duct	2	2	2		8		
		grid E-3 Duct	2	2	2		8		
		grid E-4 Duct	2	2	2		8		
		grid E-5 Duct	2	2	2		8		
		grid E-6 Duct	2	2	2		8		
		grid E-7 Duct	2	2	2		8		
		grid D-7 Duct	2	2	2		8		
		grid C-1 Duct	2	2	2		8		

Total Qty in No's 128.000 No's

2	Tie Beam RCC	Duct Tie Beam 150x300 at 3.0m Lvl							
		grid A-1 Duct	9.500	0.150	0.300	1	0.430	Cum	
		grid A-2 Duct	7.025	0.150	0.300	1	0.320	Cum	
		grid A-3 Duct	7.025	0.150	0.300	1	0.320	Cum	
		grid A-4 Duct	8.100	0.150	0.300	1	0.360	Cum	
		grid A-5 Duct	7.600	0.150	0.300	1	0.340	Cum	
		grid A-6 Duct	7.600	0.150	0.300	1	0.340	Cum	
		grid A-7 Duct	9.450	0.150	0.300	1	0.430	Cum	
		grid E-1 Duct	9.500	0.150	0.300	1	0.430	Cum	
		grid E-2 Duct	7.025	0.150	0.300	1	0.320	Cum	
		grid E-3 Duct	7.025	0.150	0.300	1	0.320	Cum	
		grid E-4 Duct	8.100	0.150	0.300	1	0.360	Cum	
		grid E-5 Duct	7.600	0.150	0.300	1	0.340	Cum	
		grid E-6 Duct	7.600	0.150	0.300	1	0.340	Cum	
		grid E-7 Duct	9.450	0.150	0.300	1	0.430	Cum	
		grid D-7 Duct	3.900	0.150	0.300	1	0.180	Cum	
		grid C-1 Duct	5.450	0.150	0.300	1	0.250	Cum	

Total Qty in Cum 5.510 Cum

3	Tie Beam Form Wor	Duct Tie Beam 150x300 at 3.0m Lvl							
		grid A-1 Duct - Outer	9.950		0.300	1	2.985	Sqm	
		grid A-1 Duct - Inner	9.050		0.300	1	2.715	Sqm	
		grid A-2 Duct - Outer	7.325		0.300	1	2.198	Sqm	
		grid A-2 Duct - Inner	6.725		0.300	1	2.018	Sqm	
		grid A-3 Duct - Outer	7.325		0.300	1	2.198	Sqm	
		grid A-3 Duct - Inner	6.725		0.300	1	2.018	Sqm	
		grid A-4 Duct - Outer	8.400		0.300	1	2.520	Sqm	
		grid A-4 Duct - Inner	7.800		0.300	1	2.340	Sqm	

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

Level 01 (1st Floor) - Out Side Duct Tie Beam RCC Works

MEASUREMENT SHEET

Sl.no	Item Head	Item Description	L	W	D	Nos	Qty	UOM	Remarks
		grid A-5 Duct - Outer	7.900		0.300	1	2.370	Sqm	
		grid A-5 Duct - Inner	7.300		0.300	1	2.190	Sqm	
		grid A-6 Duct - Outer	7.900		0.300	1	2.370	Sqm	
		grid A-6 Duct - Inner	7.300		0.300	1	2.190	Sqm	
		grid A-7 Duct - Outer	9.900		0.300	1	2.970	Sqm	
		grid A-7 Duct - Inner	9.000		0.300	1	2.700	Sqm	
		grid E-1 Duct - Outer	9.950		0.300	1	2.985	Sqm	
		grid E-1 Duct - Inner	9.050		0.300	1	2.715	Sqm	
		grid E-2 Duct - Outer	7.325		0.300	1	2.198	Sqm	
		grid E-2 Duct - Inner	6.725		0.300	1	2.018	Sqm	
		grid E-3 Duct -Outer	7.325		0.300	1	2.198	Sqm	
		grid E-3 Duct -Inner	6.725		0.300	1	2.018	Sqm	
		grid E-4 Duct -Outer	8.400		0.300	1	2.520	Sqm	
		grid E-4 Duct -Inner	7.800		0.300	1	2.340	Sqm	
		grid E-5 Duct -Outer	7.900		0.300	1	2.370	Sqm	
		grid E-5 Duct -Inner	7.300		0.300	1	2.190	Sqm	
		grid E-6 Duct -Outer	7.900		0.300	1	2.370	Sqm	
		grid E-6 Duct -Inner	7.300		0.300	1	2.190	Sqm	
		grid E-7 Duct -Outer	9.900		0.300	1	2.970	Sqm	
		grid E-7 Duct -Inner	9.000		0.300	1	2.700	Sqm	
		grid D-7 Duct -Outer	4.200		0.300	1	1.260	Sqm	
		grid D-7 Duct - Inner	3.600		0.300	1	1.080	Sqm	
		grid C-1 Duct -Outer	5.750		0.300	1	1.725	Sqm	
		grid C-1 Duct -Inner	5.150		0.300	1	1.545	Sqm	

Total Qty in Sqm 73.170 Sqm

For M/s. SIMHAA CONSTRUCTIONS


 (RAN KAJU)
 Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medpolis Square 4554 Pvt.Ltd.

Work: RCC works for Floor, tie beams in level 01 of AMTZ 4554.

RAR No: 74

FLOOR BEAM RCC WORKS

MEASUREMENT SHEET

Sl no	Item Head	Item Description	L	W	D	Nos	Qty	UOM	Remarks
A 1	Level 01 (1st Floor) Shuttering	Floor Beam [150x150 mm]							
		FB in between grid A1 to A2	4.15		0.15	2	1.25	Sqm	
		FB in between grid A3 to A4	4.40		0.15	2	1.32	Sqm	
		FB in between grid A4 to A5	4.40		0.15	2	1.32	Sqm	
		FB in between grid A5 to A6	4.40		0.15	2	1.32	Sqm	
		FB in between grid A6 to A7	4.40		0.15	2	1.32	Sqm	
		FB in between grid E1 to E2	4.40		0.15	2	1.32	Sqm	
		FB in between grid E2 to E3	3.30		0.15	2	0.99	Sqm	
		FB in between grid E3 to E4	4.40		0.15	2	1.32	Sqm	
		FB in between grid E4 to E5	4.40		0.15	2	1.32	Sqm	
		FB in between grid E5 to E6	4.40		0.15	2	1.32	Sqm	
		FB in between grid E6 to E7	4.40		0.15	2	1.32	Sqm	
		FB in between grid 7 - A to B	7.28		0.15	2	2.18	Sqm	
		FB in between grid 7 - B to C	7.83		0.15	2	2.35	Sqm	
		FB in between grid 7 - C to D	6.45		0.15	2	1.94	Sqm	
		FB in between grid 7 - D to E	6.55		0.15	2	1.97	Sqm	

2	RCC M35	FB in between grid A1 to A2	4.15	0.15	0.15	1	0.09	Cum	
		FB in between grid A3 to A4	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid A4 to A5	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid A5 to A6	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid A6 to A7	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid E1 to E2	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid E2 to E3	3.30	0.15	0.15	1	0.07	Cum	
		FB in between grid E3 to E4	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid E4 to E5	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid E5 to E6	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid E6 to E7	4.40	0.15	0.15	1	0.10	Cum	
		FB in between grid 7 - A to B	7.28	0.15	0.15	1	0.16	Cum	
		FB in between grid 7 - B to C	7.83	0.15	0.15	1	0.18	Cum	
		FB in between grid 7 - C to D	6.45	0.15	0.15	1	0.15	Cum	
		FB in between grid 7 - D to E	6.55	0.15	0.15	1	0.15	Cum	

3	Lock Set - Anchoring Works = 8mm rebars	Locations	Length	Spacing (M)	No.of Anchoring s	No.of Sides	Total No's	
		FB in between grid A1 to A2	4.15	0.30	15.00	2	30.00	No's
		FB in between grid A3 to A4	4.40	0.30	15.00	2	30.00	No's
		FB in between grid A4 to A5	4.40	0.30	15.00	2	30.00	No's
		FB in between grid A5 to A6	4.40	0.30	15.00	2	30.00	No's
		FB in between grid A6 to A7	4.40	0.30	15.00	2	30.00	No's
		FB in between grid E1 to E2	4.40	0.30	15.00	2	30.00	No's
		FB in between grid E2 to E3	3.30	0.30	12.00	2	24.00	No's
		FB in between grid E3 to E4	4.40	0.30	15.00	2	30.00	No's
		FB in between grid E4 to E5	4.40	0.30	15.00	2	30.00	No's
		FB in between grid E5 to E6	4.40	0.30	15.00	2	30.00	No's
		FB in between grid E6 to E7	4.40	0.30	15.00	2	30.00	No's
		FB in between grid 7 - A to B	7.28	0.30	25.00	2	50.00	No's
		FB in between grid 7 - B to C	7.83	0.30	27.00	2	54.00	No's
		FB in between grid 7 - C to D	6.45	0.30	22.00	2	44.00	No's
		FB in between grid 7 - D to E	6.55	0.30	23.00	2	46.00	No's

For M/s. SIMHAA CONSTRUCTIONS


 Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medpolis Square 4554 Pvt.Ltd.

Work: RCC works for Floor, tie beams in level 01 of AMTZ 4554.

RAR No: 74

Level 01 - Out side Duct Addl Beams

MEASUREMENT SHEET

Sl.no	Sub Head	Item Description	L	W	D	Nos	Qty	UOM	Remarks
-------	----------	------------------	---	---	---	-----	-----	-----	---------

Level 01 (Slab 03) Addl.Beams (Secondary
Rcc Works Beams at Ducts)

1	RCC M35								
	Slab 03	at grid A1 Duct	1.000	0.300	0.925	1	0.278	Cum	
	Slab 03	at grid E1 Duct	1.000	0.300	0.925	1	0.278	Cum	
	Slab 03	at grid A7 Duct	1.000	0.300	0.925	3	0.833	Cum	
	Slab 03	at grid A7 Duct	0.400	0.300	0.925	1	0.111	Cum	
	Slab 03	at grid E7 Duct	1.000	0.300	0.925	1	0.278	Cum	

Total Qty in Cum 1.78

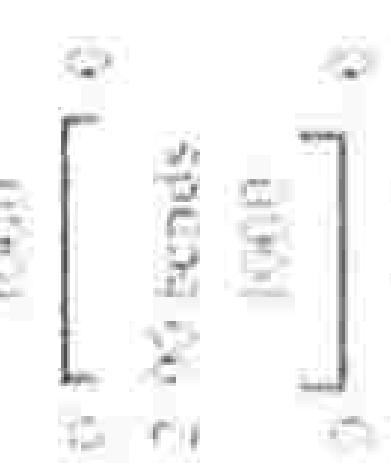
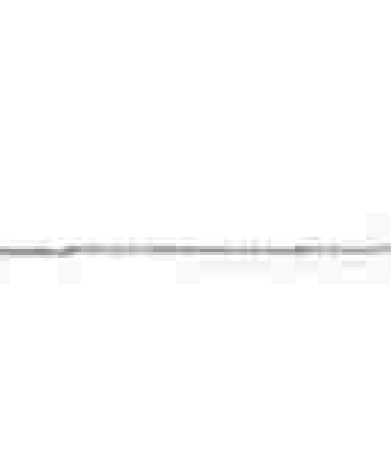
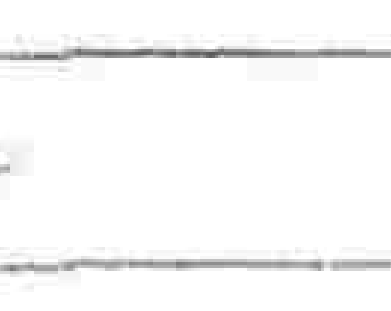
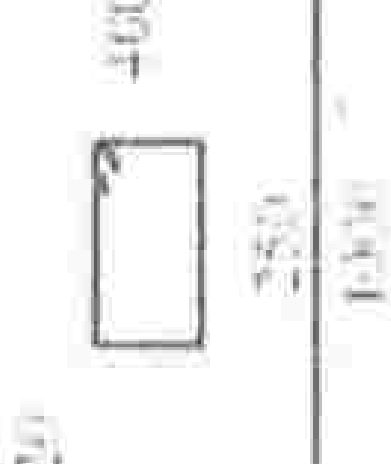
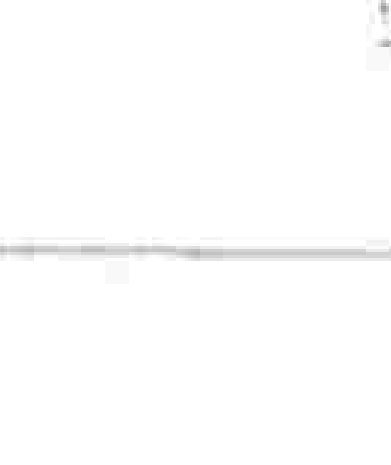
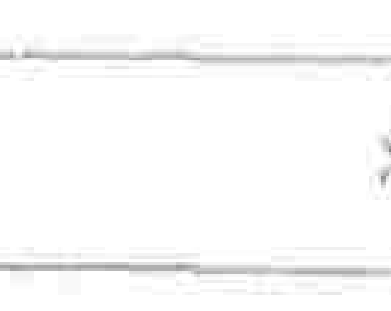
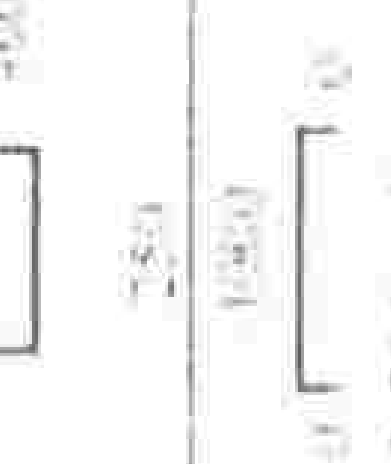
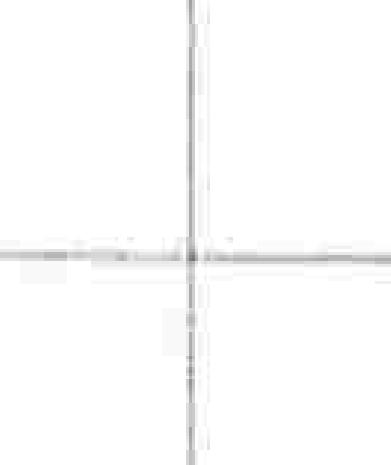
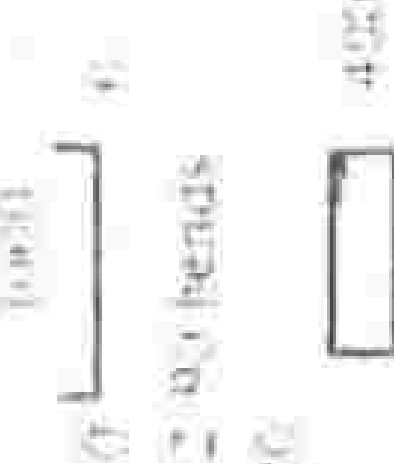
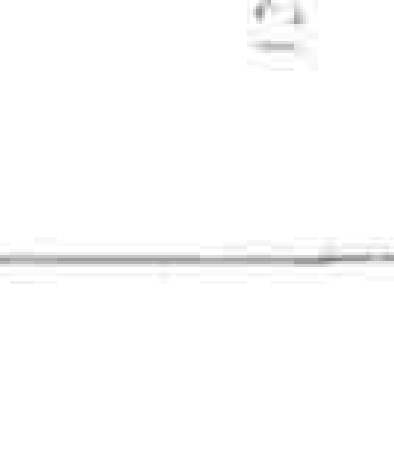
2 Form Work

		at grid A1 Duct -2 Sides+ Bottom	1.000	0.300	0.925	1	2.150	Sqm	
	Slab 03	at grid E1 Duct	1.000	0.300	0.925	1	2.150	Sqm	
	Slab 03	at grid A7 Duct	1.000	0.300	0.925	3	6.450	Sqm	
	Slab 03	at grid A7 Duct	0.400	0.300	0.925	1	0.860	Sqm	
	Slab 03	at grid E7 Duct	1.000	0.300	0.925	1	2.150	Sqm	

Total Qty in Sqm 13.76

For M/s. SIMHAA CONSTRUCTIONS


(KAN RAJU)
Managing Partner

RA 74 - Level 01 (Slab 03)- Addl.Beams at Duct- BBS																								
Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bond Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)					
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members Nos.		Total	8	10	12	16	20
at grid A1 Duct	1000	300	450	Top Main	20 mm			0			20	40	60	80	3	1	2.760					2.760		
				Bot Main	20 mm						20	40	60	80	3	4	2.760					2.760		
	450	1000	100 mm c/c	Stirrups	10 mm	100 mm c/c		25				10	20	30	40	11	1	15.620		15.620				
at grid E1 Duct	1000	300	450	Top Main	20 mm			0			20	40	60	80	3	1	2.760					2.760		
				Bot Main	20 mm						20	40	60	80	3	1	2.760					2.760		
	450	1000	100 mm c/c	Stirrups	10 mm	100 mm c/c		25				10	20	30	40	11	1	15.620		15.620				
at grid A7 Duct 01 no's	1000	300	450	Top Main	20 mm			0			20	40	60	80	3	1	2.760					2.760		
				Bot Main	20 mm						20	40	60	80	3	1	2.760					2.760		
	450	1000	100 mm c/c	Stirrups	10 mm	100 mm c/c		25				10	20	30	40	11	1	15.620		15.620				
at grid A7 Duct 01 no's	1000	300	450	Top Main	20 mm			0			20	40	60	80	3	1	0.960					0.960		
				Bot Main	20 mm						20	40	60	80	3	1	0.960					0.960		
	450	1000	100 mm c/c	Stirrups	10 mm	100 mm c/c		25				10	20	30	40	5	1	7.100		7.100				
at Grid E7 Duct 01 no's	1000	300	450	Top Main	20 mm			0			20	40	60	80	3	1	2.760					2.760		
				Bot Main	20 mm						20	40	60	80	3	1	2.760					2.760		

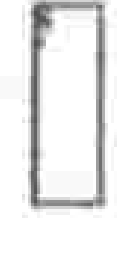
For M/s. SIMHAA CONSTRUCTIONS

For M/s. SIMHAA CONSTRUCTIONS



KANARAJ

 Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Head/Dev p Length	Cover Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)					
	L (mm)	B (mm)	H (mm)							45°	90°	135°	180°		No. of Bars	No. of Members Nos.	Total		12	16	20	25	32	
304	425	1300	180 mm c/c	Series	10 mm	600 mm c/c		25	120  400 250	10	20	30	40	1420	11	1	11	15.620						
																			0.000	69.580	0.000	0.000	0.000	0.000
																			0.393	0.617	0.888	1.579	3.855	6.316
																			0.000	42.931	0.000	0.000	59.208	0.000
																			0.000	0.043	0.000	0.000	0.059	0.000
																			Total					
																			0.102 Tons					

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

RA 74 - 1st Floor- Floor Beams BBS																																				
Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)																
	L (mm)	B (mm)	H (mm)								45°	90°	135°	180°		No. of Bars	No. of Members	Total Nos.		m	8	10	12	16	20	25	32									
FB in between grid A1 to A2	4150	150	150	Top Main	8 mm			25		4100 0 2 90 bends 4100 0 2 90 bends 96 100 100	8	16	24	32	4.068	1	1	1	4.068	4.068																
				Bot Main	8 mm						8	16	24	32	4.068	1	1	1	4.068	4.068																
150	150	4150	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			8	16	24	32	0.000	0	1	0	0.000	0.000																
	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0 2 90 bends 96 100 100	8	16	24	32	4.318	1	1	1	4.318	4.318																
FB in between grid A3 to A4				Bot Main	8 mm					4350 0 2 90 bends 4350 0 2 90 bends 96 100 100	8	16	24	32	4.318	1	1	1	4.318	4.318																
	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			8	16	24	32	0.000	0	1	0	0.000	0.000																
FB in between grid A4 to A5	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0 2 90 bends 96 100 100	8	16	24	32	4.318	1	1	1	4.318	4.318																
				Bot Main	8 mm					4350 0 2 90 bends 4350 0 2 90 bends 96 100 100	8	16	24	32	4.318	1	1	1	4.318	4.318																
150	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			8	16	24	32	0.000	0	1	0	0.000	0.000																
	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0 2 90 bends 96 100 100	8	16	24	32	4.318	1	1	1	4.318	4.318																
FB in between grid A5 to A6				Bot Main	8 mm					4350 0 2 90 bends 4350 0 2 90 bends 96 100 100	8	16	24	32	4.318	1	1	1	4.318	4.318																
	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			8	16	24	32	0.000	0	1	0	0.000	0.000																
FB in between grid A6 to A7	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0 2 90 bends 96 100 100	8	16	24	32	4.318	1	1	1	4.318	4.318																
				Bot Main	8 mm					4350 0 2 90 bends 4350 0 2 90 bends 96 100 100	8	16	24	32	4.318	1	1	1	4.318	4.318																
150	150	4400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25			8	16	24	32	0.000	0	1	0	0.000	0.000																
	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0 2 90 bends 96 100 100	8	16	24	32	4.318	1	1	1	4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.318																
																			4.318	4.31																

M/s. SIMHAA CONSTRUCTIONS



KANARAJU

Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)															
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32							
150	150	400	200 mm c/c	Stirrups	8 mm	200 mm c/c		25		2 90 bends 96 100	8	16	24	32	0.496	0	1	0	0.000	0.000														
FB in between grid E1 to E2	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0	8	16	24	32	4.318	1	1	1	4.318	4.318	4.318	4.318												
				Bot. Main	8 mm																													
				Stirrups	8 mm	200 mm c/c		25		2 90 bends 96 100	8	16	24	32	0.496	0	1	0	0.000	0.000	0.000	0.000												
150	150	300	200 mm c/c	Top Main	8 mm			25		3250 0 2 90 bends 3250 0	8	16	24	32	3.218	1	1	1	3.218	3.218	3.218	3.218												
				Bot. Main	8 mm																													
				Stirrups	8 mm	200 mm c/c		25		2 90 bends 96 100	8	16	24	32	0.496	0	1	0	0.000	0.000	0.000	0.000												
FB in between grid E3 to E4	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0	8	16	24	32	4.318	1	1	1	4.318	4.318	4.318	4.318												
				Bot. Main	8 mm																													
				Stirrups	8 mm	200 mm c/c		25		2 90 bends 96 100	8	16	24	32	0.496	0	1	0	0.000	0.000	0.000	0.000												
FB in between grid E4 to E5	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0	8	16	24	32	4.318	1	1	1	4.318	4.318	4.318	4.318												
				Bot. Main	8 mm																													
				Stirrups	8 mm	200 mm c/c		25		2 90 bends 96 100	8	16	24	32	0.496	0	1	0	0.000	0.000	0.000	0.000												
150	150	4400	200 mm c/c	Top Main	8 mm			25		4350 0 2 90 bends 4350 0	8	16	24	32	4.318	1	1	1	4.318	4.318	4.318	4.318												
				Bot. Main	8 mm																													
				Stirrups	8 mm	200 mm c/c		25		2 90 bends 96 100	8	16	24	32	0.496	0	1	0	0.000	0.000	0.000	0.000												
FB in between grid E5 to E6	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0	8	16	24	32	4.318	1	1	1	4.318	4.318	4.318	4.318												
				Bot. Main	8 mm																													
				Stirrups	8 mm	200 mm c/c		25		2 90 bends 96 100	8	16	24	32	0.496	0	1	0	0.000	0.000	0.000	0.000												
FB in between grid E5 to E6	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0	8	16	24	32	4.318	1	1	1	4.318	4.318	4.318	4.318												
				Bot. Main	8 mm																													
				Stirrups	8 mm	200 mm c/c		25		2 90 bends 96 100	8	16	24	32	0.496	0	1	0	0.000	0.000	0.000	0.000												

For M/s. SIMHAA CONSTRUCTIONS

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)										
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	8	10	12	16	20	25	32			
150	150	400	200 mm c/c	Bot. Main	8 mm	200 mm c/c		mm		4350 0 2 90 bends 96 100 160	8	16	24	32	4.318	1	1	1	4.318	0.000	0.000	4.318							
FB in between grid E6 to E7	4400	150	150	Top Main	8 mm			25		4350 0 2 90 bends 4350 0 2 90 bends 96 100 100	8	16	24	32	4.318	1	1	1	4.318	0.000	0.000	4.318							
150	150	400	200 mm c/c	Bot. Main	8 mm	200 mm c/c		25		4350 0 2 90 bends 96 100 100	8	16	24	32	4.318	1	1	1	4.318	0.000	0.000	4.318							
FB in between grid 7-A to B	7280	150	150	Top Main	8 mm			25		7250 0 2 90 bends 7250 0 2 90 bends 96 100 100	8	16	24	32	7.198	1	1	1	7.198	0.000	0.000	7.198							
150	150	7280	200 mm c/c	Bot. Main	8 mm	200 mm c/c		25		7250 0 2 90 bends 96 100 100	8	16	24	32	7.198	1	1	1	7.198	0.000	0.000	7.198							
FB in between grid 7-B to C	7820	150	150	Top Main	8 mm			25		7780 0 2 90 bends 7780 0 2 90 bends 96 100 100	8	16	24	32	7.748	1	1	1	7.748	0.000	0.000	7.748							
150	150	7820	200 mm c/c	Bot. Main	8 mm	200 mm c/c		25		7780 0 2 90 bends 96 100 100	8	16	24	32	7.748	1	1	1	7.748	0.000	0.000	7.748							
FB in between grid 7-C to D	6450	150	150	Top Main	8 mm			25		6400 0 2 90 bends 6400 0 2 90 bends 96 100 100	8	16	24	32	6.368	1	1	1	6.368	0.000	0.000	6.368							
150	150	6450	200 mm c/c	Bot. Main	8 mm	200 mm c/c		25		6400 0 2 90 bends 96 100 100	8	16	24	32	6.368	1	1	1	6.368	0.000	0.000	6.368							
FB in between	6550	150	150	Top Main	8 mm			25		6500 0 2 90 bends 6500 0 2 90 bends 96 100 100	8	16	24	32	6.468	1	1	1	6.468	0.000	0.000	6.468							

For M/s. SIMHAA CONSTRUCTION

Managing Partner

For M/s. SIMHAA CONSTRUCTIONS



Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover/ Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	L (mm)	B (mm)	H (mm)							Particular Placing of Bar	mm	mm		mm	45°	90°		135°	180°	No. of Bars	No. of Members	Total Nos.	m	8	10	12	16	20	25	32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
grid C, D to E										2 90 bends																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

For M/s. SIMHAA CONSTRUCTIONS

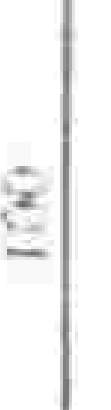
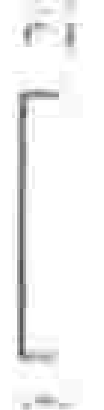
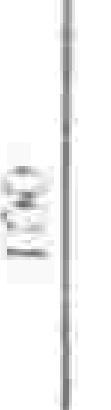
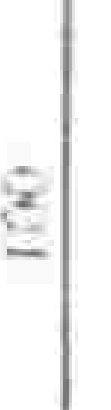
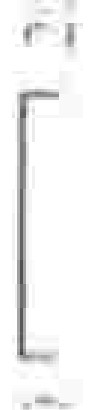
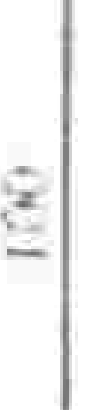


 Managing Partner

RA 74 - FF - Duct Outer Tie Beams at 3.0m Lvl																																													
Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover/Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)																											
	L (mm)	B (mm)	H (mm)							45°	90°	135°		180°	(m)	No. of Bars		No. of Members	Total Nos.	m	8	10	12	16	20	25	32																		
Grid A-01 : Duct Tie Beam 6050x300x150 Along Beam	6050	300	150	Top Main	12 mm	100 mm c/c	25	780		12	24	36	48	0.902	3	1	3	2.706																											
				Dowel bars - T&B	12 mm					12	24	36	48	0.780	3	1	3	2.340																											
				Bot Main	16 mm					16	32	48	64	0.886	3	1	3	2.658																											
				Dowel bars - T&B	16 mm					16	32	48	64	0.940	3	1	3	2.820																											
150	200	300	420 mm c/c	Stirrups	8 mm	100 mm c/c	25			8	16	24	32	0.796	4	1	4	3.184																											
Grid A - 01 - 6050x300x150 Along Beam	6050	300	150	Top Main	12 mm	100 mm c/c	25			12	24	36	48	6.352	3	1	3	19.056																											
				Dowel bars - T&B	12 mm					12	24	36	48	0.000	3	1	3	0.000																											
				Bot Main	16 mm					16	32	48	64	6.536	3	1	3	19.008																											
				Dowel bars - T&B	16 mm					16	32	48	64	0.000	3	1	3	0.000																											
150	200	300	420 mm c/c	Stirrups	8 mm	100 mm c/c	25			8	16	24	32	0.796	59	1	59	46.964																											
Grid A - 01 - 2100x150 Along Beam	2100	150	300	Top Main	12 mm		25	780		12	24	36	48	2.402	3	1	3	7.206																											
				Dowel bars - T&B	12 mm					12	24	36	48	0.780	3	1	3	2.340																											
				Bot Main	16 mm					16	32	48	64	2.386	3	1	3	7.158																											
				Dowel bars - T&B	16 mm					16	32	48	64	0.940	3	1	3	2.820																											
For M/s. SIMHAA CONSTRUCTION																																													

For M/s. SIMHAA CONSTRUCTIONS


 KAN RAJUL
 Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)									
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32	
150	300	1800	100 mm c/c	Straps	8 mm	100 mm c/c		25		96 	8	16	24	32	0.796	19	1	19	15.124	15.124								
Grid A-01-120 Along Beam	1200	150	300	Top Main	12 mm			25		1150 	12	24	36	48	1.502	3	1	3	4.506	4.506								
				Dowel bars - T&B	12 mm				780 	200 	12	24	36	48	0.780	3	1	3	2.340	2.340								
				Bot Main	16 mm					1150 	16	32	48	64	1.486	3	1	3	4.458	4.458								
				Dowel bars - T&B	16 mm				940 	200 	16	32	48	64	0.940	3	1	3	2.820	2.820								
	500	900	100 mm c/c	Straps	8 mm	100 mm c/c		25		96 	8	16	24	32	0.796	10	1	10	7.960	7.960								
Grid A-02-120 Along Beam	4025	150	300	Top Main	12 mm			25		4875 	12	24	36	48	5.227	3	1	3	15.681	15.681								
				Dowel bars - T&B	12 mm				0 	200 	12	24	36	48	0.000	3	1	3	0.000	0.000								
				Bot Main	16 mm					4875 	16	32	48	64	5.211	3	1	3	15.635	15.635								
				Dowel bars - T&B	16 mm				0 	200 	16	32	48	64	0.000	3	1	3	0.000	0.000								
	500	4625	100 mm c/c	Straps	8 mm	100 mm c/c		25		96 	8	16	24	32	0.796	47	1	47	37.412	37.412								
Grid A-02-120 Along Beam	1200	150	300	Top Main	12 mm			25		1150 	12	24	36	48	1.502	3	2	6	9.012	9.012								
				Dowel bars - T&B	12 mm				780 	200 	12	24	36	48	0.780	3	2	6	4.680	4.680								
				Bot Main	16 mm					1150 	16	32	48	64	1.486	3	2	6	8.916	8.916								
				Dowel	16 mm				940 	200 	16	32	48	64	0.940	3	2	6	5.640	5.640								

For M/s. SIMHAA CONSTRUCTION

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)															
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32							
150	300	900	100 mm c/c	Particula r Placing of Bar	mm	mm	mm	mm		0 0 90 bends 96 250 100	8	16	24	32	0.796	10	2	20	15.920	15.920														
Grid A-03 : Duct Tie Beam Grid A-03 - 4025 4.925 M long Beam	300	150	300	Top Main	12 mm	100 mm c/c	25	25	0	4875 200 2 90 bends 0 0 90 bends 4875 200 2 90 bends 0 0 90 bends 96 250 100	12	24	36	48	5.227	3	1	3	15.681	15.681														
				Dowel bars - T&B	12 mm						12	24	36	48	0.000	3	1	3	0.000			0.000												
				Bot Main	16 mm					4875 200 2 90 bends 0 0 90 bends 4875 200 2 90 bends 0 0 90 bends 96 250 100	16	32	48	64	5.211	3	1	3	15.633	15.633			15.633											
				Dowel bars - T&B	16 mm					0 0 90 bends 0 0 9																								

For M/s. SIMHAA CONSTRUCTIONS



Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	L (mm)	B (mm)	H (mm)							45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
150	300	5700	100 mm c/c	Dowel bars - T&B Stirrups	16 mm 8 mm	100 mm c/c		25	200 2 90 bends 0 0 90 bends 96 250	16 32 48 64	16 32 48 64	0.000	3	1	3	0.000				0.000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

For M/s. SIMHAA CONSTRUCTIONS



KAN RAJUR

Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)									
	L (mm)	B (mm)	H (mm)							45°	90°	135°		180°		No. of Bars		No. of Members	Total Nos.	m	8	10	12	16	20	25	32
156	300	900	100 mm c/c	1 & 6 Bot. Main	16 mm				0 90 bends 1150 200 2 90 bends 940 0 90 bends 96 250 100	16	32	48	64	1.486	3	2	6	8.916				8.916					
				Dowel bars - T&B	16 mm			940	2 90 bends 940 0 90 bends 96 250 100	16	32	48	64	0.940	3	2	6	5.640				5.640					
				Stirrups	8 mm	100 mm c/c	25		96 250 100	8	16	24	32	0.796	10	2	20	15.920									
Grid A-06 : Duct Tie Beam Grid A-06 = 5.50 Along Beam																											
156	300	5200	100 mm c/c	Top Main	12 mm		25		5450 200 2 90 bends 0 90 bends 5450 200 2 90 bends 0 90 bends 96 250 100	12	24	36	48	5.802	3	1	3	17.406			17.406						
				Dowel bars - T&B	12 mm			0	2 90 bends 0 90 bends 5450 200 2 90 bends 0 90 bends 96 250 100	12	24	36	48	0.000	3	1	3	0.000			0.000						
				1 & 3 Bot. Main	16 mm			0	0 90 bends 5450 200 2 90 bends 0 90 bends 96 250 100	16	32	48	64	5.786	3	1	3	17.558			17.558						
				Dowel bars - T&B	16 mm			0	2 90 bends 0 90 bends 5450 200 2 90 bends 0 90 bends 96 250 100	16	32	48	64	0.000	3	1	3	0.000			0.000						
156	300	5200	100 mm c/c	Stirrups	8 mm	100 mm c/c	25		96 250 100	8	16	24	32	0.796	43	1	52	42.188			42.188						
Grid A-06 : Duct Tie Beam Grid A-06 = 5.50 Along Beam																											
156	300	5200	100 mm c/c	Top Main	12 mm		25		5450 200 2 90 bends 0 90 bends 5450 200 2 90 bends 0 90 bends 96 250 100	12	24	36	48	1.502	3	2	6	9.012			9.012						
				Dowel bars - T&B	12 mm			780	2 90 bends 780 0 90 bends 0 90 bends 1150 200 2 90 bends 0 90 bends 96 250 100	12	24	36	48	0.780	3	2	6	4.680			4.680						
				1 & 3 Bot. Main	16 mm			0	0 90 bends 1150 200 2 90 bends 0 90 bends 96 250 100	16	32	48	64	1.486	3	2	6	8.916				8.916					
				Dowel bars - T&B	16 mm			940	2 90 bends 940 0 90 bends 96 250 100	16	32	48	64	0.940	3	2	6	5.640				5.640					
156	300	5200	100 mm c/c	Stirrups	8 mm	100 mm c/c	25		96 250 100	8	16	24	32	0.796	10	2	20	15.920			15.920						
Grid A-07 : Duct Tie Beam Grid A-07 = 0.60 Along Beam																											
156	300	600	150	Top Main	12 mm		25		550 200 2 90 bends 0 90 bends 550 200 2 90 bends 0 90 bends 96 250 100	12	24	36	48	0.902	3	1	3	2.706									

For M/s. SIMHAA CONSTRUCT

2.706

For M/s. SIMHAA CONSTRUCTION
2.706

(KAN RAJU)
Managing Partner

Member	Size			Bar Detail	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover/Overlap mm	Bar Shape	Bend Deductions			Cutting Length (m)	No. of Bars			Total Length m	Total Length with Dia. (m)							
	L (mm)	B (mm)	H (mm)							45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	8	10	12	16	20	25	32
150	300	300	100 mm c/c	Dowel bars - 1x1x1 Bar Main	12 mm	100 mm c/c		780	2 90 bends 780 0 0 90 bends 550 200 2 90 bends 940 0 0 90 bends 96 250 100	12	24	36	48	0.780	3	1	2.340			2.340					
										16	32	48	64	0.886	3	1	2.658				2.658				
										16	32	48	64	0.940	3	1	2.820				2.820				
										8	16	24	32	0.796	4	1	3.184				3.184				
																		3.184							
150	1000	150	300	Top Main	12 mm		25		5950 200 2 90 bends 0 0 90 bends 5950 200 2 90 bends 0 0 90 bends 96 250 150	12	24	36	48	6.302	3	1	18.906			18.906					
										12	24	36	48	0.000	3	1	0.000			0.000					
										16	32	48	64	6.286	3	1	18.858				18.858				
										16	32	48	64	0.000	3	1	0.000				0.000				
										8	16	24	32	0.796	58	1	46.168				46.168				
150	2150	150	300	Top Main	12 mm		25	780	2100 200 2 90 bends 780 0 0 90 bends 2100 200 2 90 bends 940 0 0 90 bends 96 250 100	12	24	36	48	2.452	3	1	7.356			7.356					
										12	24	36	48	0.780	3	1	2.340			2.340					
										16	32	48	64	2.436	3	1	7.308				7.308				
										16	32	48	64	0.940	3	1	2.820				2.820				
										8	16	24	32	0.796	20	1	15.920				15.920				
150	1200	150	300	Top Main	12 mm		25		1150	12	24	36	48	1.502	3	1	4.506			4.506					

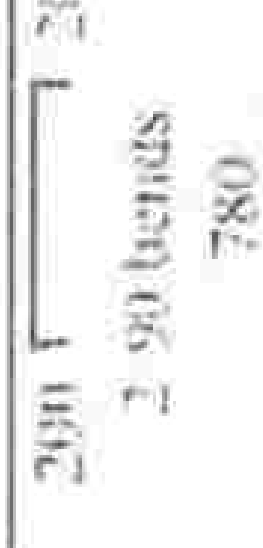
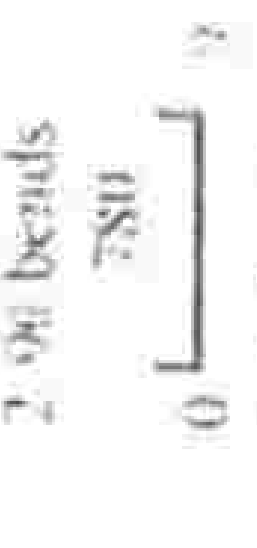
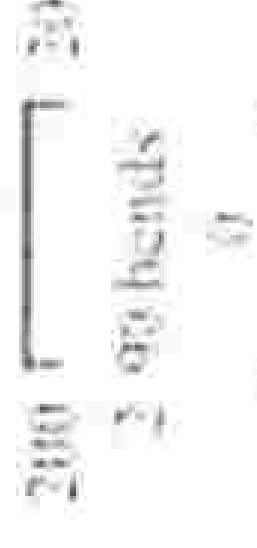
For M/s. SIMHAA CONSTRUCTION

For M/s. SIMHAA CONSTRUCTIONS



(KAN RAJU)

Managing Partner

Member	Size			Bar Detail	Dia mm	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars			Total Length m	Total Length with Dia. (m)							
	L (mm)	B (mm)	H (mm)								45°	90°	135°	180°		No. of Bars	No. of Members	Total Nos.		8	10	12	16	20	25	32	
Main Beam	500	900	100 mm c/c	Top Main Dowel bars - 1x1x Bot Main	12 mm	100 mm c/c	25	mm	780		12	24	36	48	3	8	1	3	2,340	2,340							
											16	32	48	64	3	8	1	3	4,458	4,458							
											16	32	48	64	3	8	1	3	2,820	2,820							
											8	16	24	32	10	8	1	10	7,960	7,960							
Grid E-01 ; Duct Tie Beam Grid E-01 - 01 to 05 Along Beam	300	300	100 mm c/c	Top Main Dowel bars - 1x1x Bot Main	12 mm	100 mm c/c	25	mm	780		12	24	36	48	3	8	1	3	2,706	2,706							
											12	24	36	48	3	8	1	3	2,340	2,340							
											16	32	48	64	3	8	1	3	2,658	2,658							
											16	32	48	64	3	8	1	3	2,820	2,820							
150	300	300	100 mm c/c	Top Main Dowel bars - 1x1x Bot Main	12 mm	100 mm c/c	25	mm	940		12	24	36	48	3	8	1	3	3,184	3,184							
											16	32	48	64	3	8	1	3	2,658	2,658							
											16	32	48	64	3	8	1	3	2,820	2,820							
											8	16	24	32	4	8	1	4	3,184	3,184							
Grid E-01 ; 9.60 M long Beam	600	150	300	Top Main Dowel bars - 1x1x Bot Main	12 mm	100 mm c/c	25	mm	0		12	24	36	48	3	8	1	3	19,056	19,056							
											12	24	36	48	3	8	1	3	0,000	0,000							
											16	32	48	64	3	8	1	3	19,008	19,008							
											16	32	48	64	3	8	1	3	0,000	0,000							
150	300	300	100 mm c/c	Top Main Dowel bars - 1x1x Bot Main	12 mm	100 mm c/c	25	mm	0		12	24	36	48	3	8	1	3	16,964	16,964							
											12	24	36	48	3	8	1	3	0,000	0,000							
											16	32	48	64	3	8	1	3	19,008	19,008							
											16	32	48	64	3	8	1	3	0,000	0,000							

For M/s. SIMHAA CONSTRUCTION

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)										
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	8'	10'	12'	16'	20'	25'	32'			
Grid E-01 : 2.10 x 2.10 M long Beam	2100	150	300	100 mm c/c	12 mm			25			100 2050 200 200 2 90 bends 780 0 90 bends 2050 200 200 2 90 bends 940 0 90 bends 96 250	12	24	36	48	2402	3	1	7206			7206							
					12 mm				780		12	24	36	48	0.780	3	1	2340			2340								
					16 mm						16	32	48	64	2.386	3	1	7158				7158							
					16 mm					940		16	32	48	64	0.940	3	1	2820				2820						
					8 mm		100 mm c/c	25				8	16	24	32	0.796	19	1	15124	15124									
Grid E-01 : 1.20 x 2.10 M long Beam	1200	150	300	100 mm c/c	12 mm			25			100 1150 200 200 2 90 bends 780 0 90 bends 1150 200 200 2 90 bends 940 0 90 bends 96 250	12	24	36	48	1502	3	1	4506			4506							
					12 mm				780		12	24	36	48	0.780	3	1	2340			2340								
					16 mm						16	32	48	64	1.186	3	1	4458				4458							
					16 mm					940		16	32	48	64	0.940	3	1	2820				2820						
					8 mm		100 mm c/c	25				8	16	24	32	0.796	10	1	7960	7960									
Grid E-02 : Duct Tie Beam	4025	150	300	100 mm c/c	12 mm			25			4875 200 200 2 90 bends 0 0 90 bends 4875 200 200 2 90 bends 0 0 90 bends 96	12	24	36	48	5227	3	1	15681			15681							
					12 mm				0		12	24	36	48	0.000	3	1	0.000			0.000								
					16 mm						16	32	48	64	5.211	3	1	15653				15653							
					16 mm				0		16	32	48	64	0.000	3	1	0.000				0.000							
					8 mm		100 mm c/c	25				8	16	24	32	0.796	47	1	37412	37412									
50	300	4625	100 mm c/c		8 mm						96	8	16	24	32		1												

By M/s. SIMHAA CONSTRUCTION

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Grid E-02 : 1200 x 150 x 300 M long Beam -02 nos										250																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</

For M/s. SIMHAA CONSTRUCTIONS



 Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)											
	L (mm)	B (mm)	H (mm)								Particular Placing of Bar	mm	mm		45°	90°	135°		180°	(m)	No. of Bars	No. of Members	Total Nos.	m	8	10	12	16	20	25
130	300	900	100 mm c/c	T&B Straps	8 mm	100 mm c/c		25		0 90 bends 96 250 100	8	16	24	32	0.796	10	8	2	20	15.920	15.920									
Grid E-04 : Duct Tie Beam Grid E-04 - 6.0 M long Beam	300	500	100 mm c/c	Top Main	12 mm			25		5050 200 2 90 bends 0 0 90 bends 5050 200 2 90 bends 0 0 90 bends 96 250 100	12	24	36	48	6.502	3	8	1	3	18.906		18.906								
				Dowel bars - T&B	12 mm				0		12	24	36	48	0.000	3	8	1	3	0.000		0.000								
				Bot Main	16 mm						16	32	48	64	0.286	3	8	1	3	18.858			18.858							
				Dowel bars - T&B	16 mm				0		16	32	48	64	0.000	3	8	1	3	0.000			0.000							
				Straps	8 mm	100 mm c/c		25			8	16	24	32	0.796	58	8	1	58	46.168	46.168									
Grid E-04 : 20 M long Beam 402 60%	1200	150	360	Top Main	12 mm			25		1150 200 2 90 bends 780 0 0 90 bends 1150 200 2 90 bends 0 0 90 bends 96 250 100	12	24	36	48	1.502	3	8	2	6	9.012		9.012								
				Dowel bars - T&B	12 mm				780		12	24	36	48	0.780	3	8	2	6	4.680		4.680								
				Bot Main	16 mm						16	32	48	64	1.486	3	8	2	6	8.916			8.916							
				Dowel bars - T&B	16 mm				910		16	32	48	64	0.940	3	8	2	6	5.640			5.640							
				Straps	8 mm	100 mm c/c		25			8	16	24	32	0.796	10	8	2	20	15.920	15.920									
Grid E-05 : Duct Tie Beam Grid E-05 - 6.50 M long Beam	5500	150	240	Top Main	12 mm			25		5450 200 2 90 bends 0 0 90 bends 5450 200	12	24	36	48	5.802	3	8	1	3	17.406		17.406								
				Dowel bars - T&B	12 mm				0		12	24	36	48	0.000	3	8	1	3	0.000		0.000								
				Bot Main	16 mm						16	32	48	64	5.780	3	8	1	3	17.358		17.358								

For M/s. SIMHAA CONSTRUCT

For M/s. SIMHAA CONSTRUCTIONS

 Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)											
	L (mm)	B (mm)	H (mm)								45°	90°	135°		180°	No. of Bars	No. of Members		Total Nos.	8	10	12	16	20	25	32				
1st	300	520		100 mm c/c	16 mm 8 mm			25	0	2 90 bends 0 90 bends 96	16 32 48 64	8 16 24 32		0.000	53	1	53	42.188	0.000											
Grid E-05 : Duct Tie Beam Along Beam	1200	150	300		12 mm		25		780	200 1150 2 90 bends 780	12 24 36 48			1.502	3	2	6	9.012	9.012											
	300	900	100 mm c/c		16 mm 8 mm		25		940	200 1150 2 90 bends 940	16 32 48 64			0.940	3	2	6	5.640	5.640	15.920										
Grid E-06 : Duct Tie Beam Along Beam	1200	150	300		12 mm		25			5450 200 2 90 bends 5450	12 24 36 48			5.802	3	1	3	17.406	17.406											
	300	520	100 mm c/c		16 mm 8 mm		25		0	2 90 bends 0 90 bends 96	16 32 48 64			0.000	3	1	3	0.000	0.000											
Grid E-06 : Duct Tie Beam Along Beam	1200	150	300		12 mm		25		780	200 1150 2 90 bends 780	12 24 36 48			1.502	3	2	6	9.012	9.012											
	300	520	100 mm c/c		12 mm		25		780	200 1150 2 90 bends 780	12 24 36 48			0.780	3	2	6	4.680	4.680											

For M/s. SIMHAA CONSTRUCTION

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devlp Length		Cover	Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)									
	L (mm)	B (mm)	H (mm)				Particular Placing of Bar	mm				mm	45°	90°		135°	180°	No. of Bars		No. of Members	Total Nos.	m	8	10	12	16	20	25	32
136	300	900	100 mm c/c	Bot. Main	16 mm						1150 200 2 90 bends 940 0 0 90 bends 96 250	16	32	48	64	1486	3	2	6	8,916				8,916					
				Dowel bars - T&B	16 mm				940		16	32	48	64	0,940	3	2	6	5,640				5,640						
				Stirrups	8 mm			25			8	16	24	32	0,796	10	2	20	15,920				15,920						
Grid E-07 : Duct Tie Beam Along Beam	600	150	300	Top Main	12 mm				25		550 200 2 90 bends 780 0 0 90 bends 550 200 2 90 bends 940 0 0 90 bends 96 250	12	24	36	48	0,902	3	1	3	2,706			2,706						
				Dowel bars - T&B	12 mm				780		12	24	36	48	0,780	3	1	3	2,340			2,340							
				Bar Main	16 mm						16	32	48	64	0,886	3	1	3	2,658			2,658							
				Dowel bars - T&B	16 mm				940		16	32	48	64	0,940	3	1	3	2,820			2,820							
				Stirrups	8 mm			25			8	16	24	32	0,796	4	1	4	3,184				3,184						
Grid E-07 : 600 Along Beam	600	150	300	Top Main	12 mm				25		5950 200 2 90 bends 0 0 90 bends 5950 200 2 90 bends 0 0 90 bends 96 250	12	24	36	48	0,302	3	1	3	18,906			18,906						
				Dowel bars - T&B	12 mm				0		12	24	36	48	0,000	3	1	3	0,000			0,000							
				Bar Main	16 mm						16	32	48	64	0,286	3	1	3	18,858				18,858						
				Dowel bars - T&B	16 mm				0		16	32	48	64	0,000	3	1	3	0,000				0,000						
				Stirrups	8 mm			25			8	16	24	32	0,796	58	1	58	46,168				46,168						
Grid E-07 : 215 Along Beam	2150	150	300	Top Main	12 mm				25		2100 200 2 90 bends 780	12	24	36	48	2,152	3	1	3	7,556			7,556						
				Dowel	12 mm				780		12	24	36	48	0,780	3	1	3	2,340			2,340							

For M/s. SIMHAA CONSTRUCT

TRAN RAJ

Managing Director

For M/s, SIMHAA CONSTRUCTIONS



K. R. RAJU

Managing Partner

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)										
	L (mm)	B (mm)	H (mm)								45°	90°	135°	180°		No. of Bars	No. of Members	Total Nos.		m	8	10	12	16	20	25	32			
150	300	1850	150 mm c/c	bars - T&B Bot. Main	16 mm					0 0 90 bends 200 200	16 32	48	64	2.436	3	8	1	3	7.308	7.308										
				Dowel bars - T&B	16 mm				940	2 90 bends 940 0	16 32	48	64	0.940	3	8	1	3	2.820	2.820										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	20	8	1	20	15.920	15.920										
										100																				
Grid D-07 : Duct Tie Beam	300	150	350	Top Main	12 mm			25		1150 200	12 24	36	48	1.502	3	8	1	3	4.506	4.506										
				Dowel bars - T&B Bot. Main	12 mm				780	2 90 bends 380 0	12 24	36	48	0.780	3	8	1	3	2.340	2.340										
				Dowel bars - T&B	16 mm				940	2 90 bends 940 0	16 32	48	64	1.486	3	8	1	3	4.458	4.458										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	10	8	1	10	7.960	7.960										
150	300	900	100 mm c/c	Top Main	12 mm			25		2950 200	12 24	36	48	3.302	3	8	1	3	9.906	9.906										
				Dowel bars - T&B Bot. Main	12 mm				0	2 90 bends 0 0	12 24	36	48	0.000	3	8	1	3	0.000	0.000										
				Dowel bars - T&B	16 mm				0	2 90 bends 2950 200	16 32	48	64	3.286	3	8	1	3	9.858	9.858										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	28	8	1	28	22.288	22.288										
Grid D-07 : Duct Tie Beam	300	150	300	Top Main	12 mm			25		550 200	12 24	36	48	0.902	3	8	2	6	5.412	5.412										
				Dowel bars - T&B	12 mm																									
				Dowel bars - T&B	16 mm				0	2 90 bends 0 0	16 32	48	64	0.000	3	8	1	3	0.000	0.000										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	28	8	1	28	22.288	22.288										
Grid D-07 : Duct Tie Beam	300	150	300	Top Main	12 mm			25		100	12 24	36	48	0.902	3	8	2	6	5.412	5.412										
				Dowel bars - T&B	12 mm																									
				Dowel bars - T&B	16 mm				0	2 90 bends 0 0	16 32	48	64	0.000	3	8	1	3	0.000	0.000										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	28	8	1	28	22.288	22.288										
Grid D-07 : Duct Tie Beam	300	150	300	Top Main	12 mm			25		100	12 24	36	48	0.902	3	8	2	6	5.412	5.412										
				Dowel bars - T&B	12 mm																									
				Dowel bars - T&B	16 mm				0	2 90 bends 0 0	16 32	48	64	0.000	3	8	1	3	0.000	0.000										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	28	8	1	28	22.288	22.288										
Grid D-07 : Duct Tie Beam	300	150	300	Top Main	12 mm			25		100	12 24	36	48	0.902	3	8	2	6	5.412	5.412										
				Dowel bars - T&B	12 mm																									
				Dowel bars - T&B	16 mm				0	2 90 bends 0 0	16 32	48	64	0.000	3	8	1	3	0.000	0.000										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	28	8	1	28	22.288	22.288										
Grid D-07 : Duct Tie Beam	300	150	300	Top Main	12 mm			25		100	12 24	36	48	0.902	3	8	2	6	5.412	5.412										
				Dowel bars - T&B	12 mm																									
				Dowel bars - T&B	16 mm				0	2 90 bends 0 0	16 32	48	64	0.000	3	8	1	3	0.000	0.000										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	28	8	1	28	22.288	22.288										
Grid D-07 : Duct Tie Beam	300	150	300	Top Main	12 mm			25		100	12 24	36	48	0.902	3	8	2	6	5.412	5.412										
				Dowel bars - T&B	12 mm																									
				Dowel bars - T&B	16 mm				0	2 90 bends 0 0	16 32	48	64	0.000	3	8	1	3	0.000	0.000										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	28	8	1	28	22.288	22.288										
Grid D-07 : Duct Tie Beam	300	150	300	Top Main	12 mm			25		100	12 24	36	48	0.902	3	8	2	6	5.412	5.412										
				Dowel bars - T&B	12 mm																									
				Dowel bars - T&B	16 mm				0	2 90 bends 0 0	16 32	48	64	0.000	3	8	1	3	0.000	0.000										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	28	8	1	28	22.288	22.288										
Grid D-07 : Duct Tie Beam	300	150	300	Top Main	12 mm			25		100	12 24	36	48	0.902	3	8	2	6	5.412	5.412										
				Dowel bars - T&B	12 mm																									
				Dowel bars - T&B	16 mm				0	2 90 bends 0 0	16 32	48	64	0.000	3	8	1	3	0.000	0.000										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	28	8	1	28	22.288	22.288										
Grid D-07 : Duct Tie Beam	300	150	300	Top Main	12 mm			25		100	12 24	36	48	0.902	3	8	2	6	5.412	5.412										
				Dowel bars - T&B	12 mm																									
				Dowel bars - T&B	16 mm				0	2 90 bends 0 0	16 32	48	64	0.000	3	8	1	3	0.000	0.000										
				Stirrups	8 mm	100 mm c/c		25		96 250	8 16	24	32	0.796	28	8	1	28	22.288	22.288										
Grid D-07 : Duct Tie Beam	300	150	300	Top Main	12 mm			25		100	12 24	36	48	0.902	3	8	2	6	5.412	5.412										

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)									
	L (mm)	B (mm)	H (mm)								45°	90°	135°	180°		No. of Bars	No. of Members	Total Nos.		8	10	12	16	20	25	32			
130	300	300	100 mm c/c	Dowel bars - 7 & 8 Bar Main	12 mm 16 mm 16 mm 8 mm	100 mm c/c		mm	780	2 90 bends 780 0 0 90 bends 550 200 2 90 bends 940 0 0 90 bends 96 250 100	12	24	36	48	0.780	3	2	6	4.680										
											16	32	48	64	0.886	5	2	6	5.316			5.316							
											16	32	48	64	0.940	3	2	6	5.640				5.640						
											8	16	24	32	0.796	4	2	8	6.368	6.368									
Grid C-01 : Duct Tie Beam 3.250 x 3.000 Beam	3350	150	300	Top Main	12 mm 12 mm 16 mm 16 mm 8 mm	100 mm c/c	25		0	3300 200 2 90 bends 0 0 90 bends 3300 200 2 90 bends 0 0 90 bends 96 250 100	12	24	36	48	3.652	3	1	3	10.956	10.956									
											12	24	36	48	0.900	3	1	3	0.000	0.000			0.000						
											16	32	48	64	3.636	3	1	3	10.908			10.908							
											16	32	48	64	0.900	3	1	3	0.000			0.000							
											8	16	24	32	0.796	32	1	32	25.472	25.472									
Grid C-01 : 1.20 Along Beam	1200	150	300	Top Main	12 mm 12 mm 16 mm 16 mm 8 mm	100 mm c/c	25		780	1150 200 2 90 bends 780 0 0 90 bends 1150 200 2 90 bends 940 0 0 90 bends 96 250 100	12	24	36	48	1.502	3	2	6	9.012	9.012									
											12	24	36	48	0.780	3	2	6	4.680		4.680								
											16	32	48	64	1.486	3	2	6	8.916			8.916							
											16	32	48	64	0.940	3	2	6	5.640				5.640						
150	300	900	100 mm c/c	8 mm	100 mm c/c		25			96 250 100	8	16	24	32	0.796	10	2	20	15.920	15.920									

For M/s, SIMHAA CONSTRUCTION

For M/s, SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

Member	Size		Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover Overlap	Bar Shape	Bend Deductions			Cutting Length	No. of Bars			Total Length	Total Length with Dia. (m)					
	L (mm)	B (mm)	Particular Placing of Bar	mm		mm	45°		90°	135°	180°	No. of Bars	No. of Members Nos.	m	8	10	12	16	20	25	32	
Total Length												932.912	0.000	513.702	528.486	0.000	0.000	0.000				
Unit Weight In (kg)												0.395	0.617	0.888	1.579	2.467	3.855	6.316				
Total Weight In (kg)												368.500	0.000	456.167	834.479	0.000	0.000	0.000				
Total Weight In (TON)												0.369	0.000	0.456	0.834	0.000	0.000	0.000				
Total												1.659 Tons										

For M/s. SIMHAA CONSTRUCTIONS


(KAN RAJU)
Managing Partner