MEDPOLIS
Research Square
AMTZ Medpolis Square 4554 Pvt. Ltd.
Head Office: 5-4-187/3 & 4, II Floor, Soham Mansion, M.G. Road, Secunderabad - 500 003. ☎ : 040-6633 5551, ✉ : info@modiproperties.com.
Site Office: C - 39, I - Hub Building, AMTZ Campus, Pragati Maidan, VM Steel Project S.O., Visakhapatnam - 530031 A.P.
MODI PROPERTIES
www.modiproperties.com

Letter of confirmation

Date:05.08.2024

From,
AMTZ Medpolis Square 4554 Pvt Ltd
Vm Steel Projrt Town Ship Sub Post office,Ground, Plot. No: D1-56, HUB Building, AMTZ CAMPUS, Pragati maidan,Vishakhapatnam
Vishakapatanam,Andra Pradesh,530031
GSTNO:37AAXCA5420G1ZG

To,
Simhaa Constructions
Plot No.2, Block B Auto NAgar
Visakhapatnam, AP, 530026
GSTIN:37ABMFS6706L1ZJ
KAN Raju, 9866102102
simhaaconstructions@rediffmail.com

Subject: Confirmation of measurement, rates, estimates, BOQ, etc.
Reference: **AMTZ 4554 Stilt floor RCC works-Slab-02**: Work order no.20240801002, dated 01 Aug 2024.

Sir/Madam,

We hereby confirm the following:

1. The details of measurement have been calculated and accepted by you, copy enclosed.
2. The details of rates have been accepted by you, copy enclosed.
3. The details of BOQ and estimates have been accepted by you, copy enclosed.
4. Detailed terms and conditions (briefly mentioned in work order).

a.	Agreement for construction	Terms and conditions mentioned in agreement for construction shall be strictly followed.
b.	Measurement/estimate	The total quantity of work has been separately estimated and signed by both the parties.
c.	Scope of work.	Scope of work includes Labour charges for shuttering and bar bending, labour and material charges for concrete excludes steel material etc. as per Engineer in charge.
d.	Payment terms	Payment shall be made based on progress of work, as per advice of stie engineers.
e.	Advance paid	As per agreement.
f.	Recovery of advance	As per agreement.
g.	Timeline	As per agreement.
h.	QC inspection	QC inspection as per company policy shall be strictly followed.
i.	Penalty	As per agreement.
j.	Bonus	As per agreement.
k.	Approved drawings	GFC drawings shall be provided as requested. Workers at site must have copy of GFC drawings.
l.	Quality	The quality of the work is upto the satisfaction of site engineers. Corrections to be made as per their advice.

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

APPROVED BY
08 AUG 2024
Srinivasan.R
Project Manager

m.	Safety	All workers should wear helmets, safety jackets, safety shoes and harness at all times.
n.	Security	Contractor shall be responsible for security of their material.
o.	Measurement	Payment shall be made as per measurement of work done at site.
p.	Bill	Contractor shall raise invoice within 2 working days of completion of work. Payment will not be made without invoice.
q.	Remarks	Terms and conditions mentioned in agreement for construction shall be strictly followed.

Please sign a copy of this letter as your confirmation of the above terms and conditions.

Thank You.

Yours sincerely, For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

<Signature>

Accepted and confirmed by: 5 AUG 2024

Name:
Date: _____, Place: _____.

APPROVED BY
08 AUG 2024
Srinivasan.R
Project Manager

Work Order

Original

From Company:	AMTZ Medpolis Square 4554 Pvt Ltd Vm Steel Projrt Town Ship Sub Post office,Ground, Plot. No: D1-56, HUB Building, AMTZ CAMPUS, Pragati maidan,Vishakhapatnam Vishakapatanam,Andra Pradesh,530031 GSTNO:37AAXCA5420G1ZG	Delivery Location:	AMTZ 4554 Pvt Ltd Vm Steel Projrt Town Ship Sub Post office,Ground, Plot. No: D1-56, HUB Building, AMTZ CAMPUS, Pragati maidan,Vishakhapatnam Vishakapatanam,Andra Pradesh,530031 --,..

Supplier Details			
Simhaa Constructions Plot No.2, Block B Auto NAgar Visakhapatnam, AP, 530026 GSTIN:37ABMFS6706L1ZJ KAN Raju, 9866102102 simhaaconstructions@rediffmail.com	PO No	20240801002	Quote No	
	PO Date	01 Aug 2024	Quote Date	01 Aug 2024
	Supply Type	Work Order	Requisition Num	20240730026

SNo.	Item Name	Qty	Rate	Dis%	Taxable Amount	GST%						Amount
						IGST%	CGST%	SGST%	IGST AMT	CGST AMT	SGST AMT	
1	CONST-RCC5481-Construction-Slab 2 & Slab beams-Shuttering--sqm	4,597.00	550.00	0%	25,28,350	18%	0%	0%	4,55,103	0	0	29,83,453
2	CONST-RCC8246-Construction-Slab 2 & Slab beams-Bar Bending--Ton	160.00	9,188.00	0%	14,70,080	18%	0%	0%	2,64,614	0	0	17,34,694
3	CONST-RCC8441-Construction-Slab 2 & Slab beams-Concreting - Material--cum	694.00	4,933.00	0%	34,23,502	18%	0%	0%	6,16,230	0	0	40,39,732
4	CONST-RCC6129-Construction-Slab 2 & Slab beams-Concreting - Labour--cum	694.00	998.00	0%	6,92,612	18%	0%	0%	1,24,670	0	0	8,17,282
5	CONST-RCC2824-Construction-RCC-Lift Charges-Slab-02--cum	694.00	148.00	0%	1,02,712	18%	0%	0%	18,488	0	0	1,21,200

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

APPROVED BY
08/08/24 10:49:57 AM
08 AUG 2024
Srinivasan.R
Project Manager

Work Order

Original

Total Amount ...	14,79,106	0	0	96,96,362
Rupees in words : Ninety Six Lakhs Ninety Six Thousands Three Hundred And Sixty Two Only.				

Terms and Conditions:-

Agreement for Construction.	Terms and Conditions mentioned in agreement for construction shall be strictly followed.
Measurement/Estimate	The total quantity of work has been separately estimated and signed by both the parties.
Scope of Work	Scope of work includes Labour charges for shuttering and bar bending, labour and material charges for concrete excludes steel material etc. as per Engineer in charge.
Payment Terms :	Payment shall be made based on progress of work, A per advice of site engineers.
Advance Paid :	As per Agreement.
Recovery of Advance	As per Agreement.
Timeline	As per Agreement.
QC inspection	QC inspection as per company policy shall be strictly followed.
Penalty	As per Agreement.
Bonus	As per Agreement.
Approved drawings	GFC drawings shall be provided as requested. Workers at site must have a copy of GFC drawings.
Quality	The quality of the work is upto the satisfaction of site engineers. Corrections to be made as per GFC drawings.
Safety:	All workers should wear helmets, safety jackets, safety shoes and harness at all times.
Security	Contractor shall be responsible for security of their material.
Measurements:	Payment shall be made as per measurement of work done at site.
Bill	Contractor shall raise invoice within 2 working days of completion of work. Payment will not be made without Invoice.
Remarks :	AMTZ 4554 RCC works for Slab-02

Notes:

1. This is a digitally generated order and no signature is required.
2. In case the vendor is unable to accept the order and supply the material, they must intimate the same by email to purchase@modiproperties.com.
3. Vendors must obtain acknowledgment from site as proof of delivery (POD) on relevant document like DC, e-way bill, packing list, etc.
4. Vendor must send original invoices to our head office (HO) on the address mentioned above. Do not send the original invoices to sites or purchase division office. An acknowledgment on a copy of the invoice will be provided upon request at our HO.

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

05/08/24 10:49:57 AM
APPROVED BY
08 AUG 2024
Srinivasan.R

Original

5. We reserve the right to cancel this PO and seek refund of the advance paid in case of delay in delivery or items delivered are not as per specifications, including delivery of defective material.
6. Payment against delivery /installation shall only be made after receipt of original signed invoice at HO.

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

APPROVED BY

0 8 AUG 2024

Srinivasan.R
Project Manager

05/08/24 10:49:57 AM

Abstract								
COMPANY NAME		AMTZ Medpolis Square 4554 Pvt Ltd						
PROJECT NAME		**AMTZ 4554**						
WORK DESCRIPTION		Stilt Floor/Slab-02 RCC works						
PREPARED BY		QS Team, HO						
S.No	Item	Unit	Qty	Labour (A)		Material (B)		Total Amount (A+B)
				Rate	Amount	Rate	Amount	
1	**Shuttering**							
a	Column+SW+Beam+slab+staircase	Sqm	4597.000	550.00	**25,28,350**	-	-	**25,28,350**
2	**RCC-Labour**							
a	Column+SW+Beam+slab+staircase	Cum	694.000	998.00	**6,92,612**	-	-	**6,92,612**
3	**RCC-Material**							
a	Column+SW+Beam+slab+staircase	Cum	694.000	-	-	4,933.00	**34,23,502**	**34,23,502**
4	**RCC-Material Lift Charges**							
a	Column+SW+Beam+slab+staircase	Cum	694.000	-	-	148.00	**1,02,712**	**1,02,712**
5	**Steel**							
a	Column+SW+Beam+slab+staircase	Tons	160.000	9,188.00	**14,70,080**	-	-	**14,70,080**
			Total		**46,91,042**		**35,26,214**	**82,17,256**
			Add GST @ 18%		8,44,388		6,34,719	14,79,106
			Total Amount		**55,35,430**		**41,60,933**	**96,96,362**
Total value of work incl. Taxes for Slab-02								**96,96,362**

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

15 AUG 2024

APPROVED BY
08 AUG 2024
Srinivasan.R
Project Manager

Summary					
Company Name		Company:AMTZ Medpolis Square 4554 Pvt Ltd			
Project Name		**Project: AMTZ 4554**			
Work Description		Work: Stilt Floor/Slab-02 RCC works			
Prepared by		QS Team, HO			
S.No	**Description**	**Unit**	**Qty**	**Sub Total**	**Total**
	Typical Floor				
1	**Shuttering**				
	Columns +SW	Sqm	529.264		
	Beams	Sqm	1378.338		
	Slab	Sqm	2626.453		
	Staircase	Sqm	62.284	**4597.000**	
2	**RCC**				
	Columns +SW	Cum	100.344		
	Beams	Cum	173.427		
	Slab	Cum	406.315		
	Staircase	Cum	13.311	**694.000**	
3	**Bar Bending**				
	Columns	MT	26.897		
	Columns &SW	MT	6.547		
	Beams	MT	79.913		
	Slab	MT	43.170		
	Staircase	MT	2.736	**160.000**	

For M/s. SIMHAA CONSTRUCTIONS

(RAN RAJU)
Managing Partner

5 AUG 2024

APPROVED BY
08 AUG 2024
Srinivasan.R
Project Manager

Column-Shuttering

Company:AMTZ Medpolis Square 4554 Pvt Ltd

Project: AMTZ 4554

Work: Stilt Floor/Slab-02 RCC works

S.No	Description	Unit	Nos	L	W	H	Qty	Remarks
Column-Shuttering								
	Grid E-(1-7)							
	C4	sqm	2	0.900	0.900	2.825	20.340	
	C5	sqm	3	0.900	0.900	2.825	30.510	
	C6	sqm	2	0.900	0.900	2.825	20.340	
	Grid D.6-(1-7)							
	C2	sqm	2	1.200	0.300	2.825	16.950	
	Grid D-(1-7)							
	C4	sqm	3	0.900	0.900	2.825	30.510	
	C5	sqm	2	0.900	0.900	2.825	20.340	
	C6	sqm	1	0.900	0.900	2.825	10.170	
	C2	sqm	1	1.200	0.300	2.825	8.475	
	C3	sqm	1	1.350	0.450	2.825	10.170	
	Grid C-(1-7)							
	C4	sqm	2	0.900	0.900	2.825	20.340	
	C5	sqm	2	0.900	0.900	2.825	20.340	
	C6	sqm	3	0.900	0.900	2.825	30.510	
	Grid B-(1-7)							
	C4	sqm	2	0.900	0.900	2.825	20.340	
	C5	sqm	2	0.900	0.900	2.825	20.340	
	C6	sqm	3	0.900	0.900	2.825	30.510	
	Grid A.2-(1-7)							
	P11	sqm	1	3.975	0.300	2.825	24.154	
	Grid A-(1-7)							
	C4	sqm	4	0.900	0.900	2.825	40.680	
	C5	sqm	2	0.900	0.900	2.825	20.340	
	C6	sqm	1	0.900	0.900	2.825	10.170	
	Grid (D.2-D.5)-(5.1-5.2)							
	P1	sqm	1	3.400	0.300	2.825	20.905	
	P2	sqm	1	3.400	0.200	2.825	20.340	
	P3	sqm	1	3.400	0.300	2.825	20.905	
	Grid (D-D.3)-(2.1-2.3)							
	P6	sqm	1	3.400	0.200	2.825	20.340	
	P7	sqm	1	3.400	0.200	2.825	20.340	
	P8	sqm	1	3.400	0.300	2.825	20.905	
	Total		**45**				**529.264**	**Sqm**

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

Contractor

5 AUG 2024

APPROVED BY
08 AUG 2024
Sri Project Manager
Project Manager

Company:AMTZ Medpolis Square 4554 Pvt Ltd
Project: AMTZ 4554
Work: Stilt Floor/Slab-02 RCC works

S.No	Description	Unit	Nos	L	W	H	Qty	Remarks
Column-RCC								
	Grid E-(1-7)							
	C4	cum	2	0.900	0.900	2.825	4.577	
	C5	cum	3	0.900	0.900	2.825	6.865	
	C6	cum	2	0.900	0.900	2.825	4.577	
	Grid D.6-(1-7)							
	C2	cum	2	1.200	0.300	2.825	2.034	
	Grid D-(1-7)							
	C4	cum	3	0.900	0.900	2.825	6.865	
	C5	cum	2	0.900	0.900	2.825	4.577	
	C6	cum	1	0.900	0.900	2.825	2.288	
	C2	cum	1	1.200	0.300	2.825	1.017	
	C3	cum	1	1.350	0.450	2.825	1.716	
	Grid C-(1-7)							
	C4	cum	2	0.900	0.900	2.825	4.577	
	C5	cum	2	0.900	0.900	2.825	4.577	
	C6	cum	3	0.900	0.900	2.825	6.865	
	Grid B-(1-7)							
	C4	cum	2	0.900	0.900	2.825	4.577	
	C5	cum	2	0.900	0.900	2.825	4.577	
	C6	cum	3	0.900	0.900	2.825	6.865	
	Grid A.2-(1-7)							
	P11	cum	1	3.975	0.300	2.825	3.369	
	Grid A-(1-7)							
	C4	cum	4	0.900	0.900	2.825	9.153	
	C5	cum	2	0.900	0.900	2.825	4.577	
	C6	cum	1	0.900	0.900	2.825	2.288	
	Grid (D.2-D.5)-(5.1-5.2)							
	P1	cum	1	3.400	0.300	2.825	2.882	
	P2	cum	1	3.400	0.200	2.825	1.921	
	P3	cum	1	3.400	0.300	2.825	2.882	
	Grid (D-D.3)-(2.1-2.3)							
	P6	cum	1	3.400	0.200	2.825	1.921	
	P7	cum	1	3.400	0.200	2.825	1.921	
	P8	cum	1	3.400	0.300	2.825	2.882	
Total			**45**				**100.344**	**cum**

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner

5 AUG 2024

APPROVED BY
0 8 AUG 2024
Srinivas R
Project Manager

Contractor

Project Manager

Company:AMTZ Medpolis Square 4554 Pvt Ltd
Project: AMTZ 4554
Work: Stilt Floor/Slab-02 RCC works

S.No	Description	UOM	Nos	L	W	D	Qty	Remarks
Roof Beam-RCC								
Grid (1-7) X-direction								
	B1	Cum	1	6.050	0.200	0.425	0.514	slab thick= .200 m
	B2	Cum	1	4.925	0.200	0.425	0.419	slab thick= .200 m
	B3	Cum	1	4.925	0.200	0.425	0.419	slab thick= .200 m
	B4	Cum	1	6.000	0.200	0.425	0.510	slab thick= .200 m
	B5	Cum	1	5.500	0.200	0.425	0.468	slab thick= .200 m
	B6	Cum	1	5.500	0.200	0.425	0.468	slab thick= .200 m
	B8	Cum	1	6.000	0.200	0.425	0.510	slab thick= .200 m
	B10	Cum	1	56.700	0.600	0.450	15.309	slab thick= .175 m
	B11	Cum	1	0.600	0.200	0.425	0.051	slab thick= .200 m
	B12	Cum	1	0.600	0.200	0.425	0.051	slab thick= .200 m
	B13	Cum	1	21.125	0.300	0.450	2.852	slab thick= .175 m
	Column	Cum	-1	1.200	0.200	0.450	-0.108	slab thick= .175 m
	B14	Cum	1	29.325	0.230	0.450	3.035	slab thick= .175 m
	B15	Cum	1	10.305	0.230	0.450	1.067	slab thick= .175 m
	B92	Cum	1	5.750	0.300	0.450	0.776	slab thick= .175 m
	B16	Cum	1	1.050	0.200	0.450	0.095	slab thick= .175 m
	B18	Cum	1	37.450	0.600	0.450	10.112	slab thick= .175 m
		Cum	1	9.925	0.450	0.450	2.010	slab thick= .175 m
		Cum	-1	1.200	0.300	0.450	-0.162	slab thick= .175 m
		Cum	1	9.775	0.450	0.450	1.979	slab thick= .175 m
	B20	Cum	1	61.800	0.230	0.450	6.396	slab thick= .175 m
	B21	Cum	1	1.200	0.200	0.425	0.102	slab thick= .200 m
	B22	Cum	1	56.700	0.600	0.450	15.309	slab thick= .175 m
	B23	Cum	1	1.200	0.200	0.425	0.102	slab thick= .200 m
	B24	Cum	1	9.525	0.230	0.450	0.986	slab thick= .175 m
	B24A	Cum	1	8.600	0.230	0.450	0.890	slab thick= .175 m
	B24B	Cum	1	42.775	0.230	0.450	4.427	slab thick= .175 m
	B25	Cum	1	56.700	0.230	0.450	5.868	slab thick= .175 m
	B26	Cum	1	5.150	0.300	0.450	0.695	slab thick= .175 m
	B27	Cum	1	0.750	0.200	0.450	0.068	slab thick= .175 m
	B28	Cum	1	9.300	0.230	0.450	0.963	slab thick= .175 m
	B29	Cum	1	42.550	0.230	0.450	4.404	slab thick= .175 m
	B30	Cum	1	4.000	0.200	0.125	0.100	slab thick= .175 m
	B30	Cum	1	0.650	0.200	0.450	0.059	slab thick= .175 m
	B31	Cum	1	0.600	0.200	0.425	0.051	slab thick= .200 m
	B32	Cum	1	0.600	0.200	0.425	0.051	slab thick= .200 m
	B33	Cum	1	8.700	0.600	0.450	2.349	slab thick= .175 m
		Cum	1	3.400	0.300	0.450	0.459	slab thick= .175 m
		Cum	1	4.000	0.200	0.450	0.360	slab thick= .175 m
		Cum	1	39.900	0.600	0.450	10.773	slab thick= .175 m
	B34	Cum	1	6.050	0.200	0.425	0.514	slab thick= .200 m
	B35	Cum	1	4.925	0.200	0.425	0.419	slab thick= .200 m
	B36	Cum	1	4.925	0.200	0.425	0.419	slab thick= .200 m
	B37	Cum	1	6.000	0.200	0.425	0.510	slab thick= .200 m
	B38	Cum	1	5.500	0.200	0.425	0.468	slab thick= .200 m
	B39	Cum	1	5.500	0.200	0.425	0.468	slab thick= .200 m
	B40	Cum	1	6.000	0.200	0.425	0.510	slab thick= .200 m

Contractor

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

APPROVED BY
0 8 AUG 2024
Srinivasan R
Project Manager

Project Manager

Company:AMTZ Medpolis Square 4554 Pvt Ltd
Project: AMTZ 4554
Work: Stilt Floor/Slab-02 RCC works

S.No	Description	UOM	Nos	L	W	D	Qty	Remarks
	B17	Cum	1	0.600	0.200	0.425	0.051	slab thick= .200 m
	B19	Cum	1	0.600	0.200	0.425	0.051	slab thick= .200 m
Grid (A-E) Y-direction								
	B41	Cum	1	1.700	0.200	0.425	0.145	slab thick= .200 m
	B42	Cum	1	2.950	0.200	0.425	0.251	slab thick= .200 m
	B43	Cum	1	1.700	0.200	0.425	0.145	slab thick= .200 m
	B44	Cum	1	31.500	0.600	0.450	8.505	slab thick= .175 m
	B45	Cum	1	32.080	0.230	0.450	3.320	slab thick= .175 m
	B46	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B47	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B48	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B49	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B50	Cum	1	7.925	0.600	0.450	2.140	slab thick= .175 m
		Cum	-1	0.300	0.450	0.450	-0.061	slab thick= .175 m
		Cum	1	0.300	0.225	0.450	0.030	slab thick= .175 m
		Cum	1	23.115	0.450	0.450	4.681	slab thick= .175 m
	B51	Cum	1	3.500	0.450	0.450	0.709	slab thick= .175 m
	B52	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B53	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B54	Cum	1	7.895	0.230	0.450	0.817	slab thick= .175 m
		Cum	1	15.890	0.230	0.450	1.645	slab thick= .175 m
	B55	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B56	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B57	Cum	1	3.505	0.300	0.450	0.473	slab thick= .175 m
	B58	Cum	1	7.925	0.600	0.450	2.140	slab thick= .175 m
		Cum	1	22.885	0.450	0.450	4.634	slab thick= .175 m
	B59	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B60	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B61	Cum	1	32.080	0.230	0.450	3.320	slab thick= .175 m
	B62	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B63	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B64	Cum	1	30.810	0.450	0.450	6.239	slab thick= .175 m
	B65	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B66	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B67	Cum	1	23.860	0.230	0.450	2.470	slab thick= .175 m
	B93	Cum	1	8.225	0.300	0.450	1.110	slab thick= .175 m
	B94	Cum	1	5.875	0.300	0.450	0.793	slab thick= .175 m
	B68	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B69	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B70	Cum	1	8.225	0.300	0.450	1.110	slab thick= .175 m
	B71	Cum	1	30.060	0.450	0.450	6.087	slab thick= .175 m
	B72	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B73	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B74	Cum	1	0.850	0.200	0.450	0.077	slab thick= .175 m
	B75	Cum	1	5.450	0.200	0.125	0.136	slab thick= .175 m
	B76	Cum	1	23.860	0.230	0.450	2.470	slab thick= .175 m
	B77	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B78	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B79	Cum	1	6.250	0.450	0.450	1.266	slab thick= .175 m

Contractor

For M/s. SIMHAA CONSTRUCTIONS
(RAN RAJU)
Managing Partner
5 AUG 2024

APPROVED BY
0 8 AUG 2024
Srinivasan.R
Project Manager

Project Manager

Company:AMTZ Medpolis Square 4554 Pvt Ltd
Project: AMTZ 4554
Work: Stilt Floor/Slab-02 RCC works

S.No	Description	UOM	Nos	L	W	D	Qty	Remarks
	B81	Cum	1	20.345	0.450	0.450	4.120	slab thick= .175 m
		Cum	1	7.925	0.600	0.450	2.140	slab thick= .175 m
		Cum	-1	1.200	0.300	0.450	-0.162	slab thick= .175 m
	B82	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B83	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B84	Cum	1	32.080	0.230	0.450	3.320	slab thick= .175 m
	B85	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B86	Cum	1	1.000	0.200	0.425	0.085	slab thick= .200 m
	B87	Cum	1	31.500	0.600	0.450	8.505	slab thick= .175 m
	B89	Cum	1	2.350	0.200	0.425	0.200	slab thick= .200 m
	B90	Cum	1	2.600	0.200	0.425	0.221	slab thick= .200 m
	B91	Cum	1	2.350	0.200	0.425	0.200	slab thick= .200 m
	Total						**173.427**	**Cum**

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

APPROVED BY
08 AUG 2024
Srinivasan.R
Project Manager

Company:AMTZ Medpolis Square 4554 Pvt Ltd
Project: AMTZ 4554
Work: Stilt Floor/Slab-02 RCC works

S.No	Description	UOM	Nos	L	W	D	Qty	Remarks
Roof Beam-Shuttering								
Grid (1-7) X-direction								
	B1	sqm	1	6.050	0.200	0.425	6.353	slab thick= .200 m
	B2	sqm	1	4.925	0.200	0.425	5.171	slab thick= .200 m
	B3	sqm	1	4.925	0.200	0.425	5.171	slab thick= .200 m
	B4	sqm	1	6.000	0.200	0.425	6.300	slab thick= .200 m
	B5	sqm	1	5.500	0.200	0.425	5.775	slab thick= .200 m
	B6	sqm	1	5.500	0.200	0.425	5.775	slab thick= .200 m
	B8	sqm	1	6.000	0.200	0.425	6.300	slab thick= .200 m
	B10	sqm	1	56.700	0.600	0.450	85.050	slab thick= .175 m
	B11	sqm	1	0.600	0.200	0.425	0.630	slab thick= .200 m
	B12	sqm	1	0.600	0.200	0.425	0.630	slab thick= .200 m
	B13	sqm	1	21.125	0.300	0.450	25.350	slab thick= .175 m
	B14	sqm	1	29.325	0.230	0.450	33.137	slab thick= .175 m
	B15	sqm	1	10.305	0.230	0.450	11.645	slab thick= .175 m
	B92	sqm	1	5.750	0.300	0.450	6.900	slab thick= .175 m
	B16	sqm	1	1.050	0.200	0.450	1.155	slab thick= .175 m
	B18	sqm	1	37.450	0.600	0.450	56.175	slab thick= .175 m
		sqm	1	9.925	0.450	0.450	13.399	slab thick= .175 m
		sqm	1	9.775	0.450	0.450	13.196	slab thick= .175 m
	B20	sqm	1	61.800	0.230	0.450	69.834	slab thick= .175 m
	B21	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B22	sqm	1	56.700	0.600	0.450	85.050	slab thick= .175 m
	B23	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B24	sqm	1	9.525	0.230	0.450	10.763	slab thick= .175 m
	B24A	sqm	1	8.600	0.230	0.450	9.718	slab thick= .175 m
	B24B	sqm	1	42.775	0.230	0.450	48.336	slab thick= .175 m
	B25	sqm	1	56.700	0.230	0.450	64.071	slab thick= .175 m
	B26	sqm	1	5.150	0.300	0.450	6.180	slab thick= .175 m
	B27	sqm	1	0.750	0.200	0.450	0.825	slab thick= .175 m
	B28	sqm	1	9.300	0.230	0.450	10.509	slab thick= .175 m
	B29	sqm	1	42.550	0.230	0.450	48.082	slab thick= .175 m
	B30	sqm	1	4.000	0.200	0.125	1.800	slab thick= .175 m
	B30	sqm	1	0.650	0.200	0.450	0.715	slab thick= .175 m
	B31	sqm	1	0.600	0.200	0.425	0.630	slab thick= .200 m
	B32	sqm	1	0.600	0.200	0.425	0.630	slab thick= .200 m
	B33	sqm	1	8.700	0.600	0.450	13.050	slab thick= .175 m
		sqm	1	3.400	0.300	0.450	4.080	slab thick= .175 m
		sqm	1	4.000	0.200	0.450	4.400	slab thick= .175 m
		sqm	1	39.900	0.600	0.450	59.850	slab thick= .175 m
	B34	sqm	1	6.050	0.200	0.425	6.353	slab thick= .200 m
	B35	sqm	1	4.925	0.200	0.425	5.171	slab thick= .200 m
	B36	sqm	1	4.925	0.200	0.425	5.171	slab thick= .200 m
	B37	sqm	1	6.000	0.200	0.425	6.300	slab thick= .200 m
	B38	sqm	1	5.500	0.200	0.425	5.775	slab thick= .200 m
	B39	sqm	1	5.500	0.200	0.425	5.775	slab thick= .200 m
	B40	sqm	1	6.000	0.200	0.425	6.300	slab thick= .200 m
	B17	sqm	1	0.600	0.200	0.425	0.630	slab thick= .200 m
	B19	sqm	1	0.600	0.200	0.425	0.630	slab thick= .200 m

Contractor For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

APPROVED BY
0 8 AUG 2024
Srinivasan.R
Project Manager
Project Manager

Company:AMTZ Medpolis Square 4554 Pvt Ltd
Project: AMTZ 4554
Work: Stilt Floor/Slab-02 RCC works

S.No	Description	UOM	Nos	L	W	D	Qty	Remarks
Grid (A-E) Y-direction								
	B41	sqm	1	2.100	0.200	0.425	2.205	slab thick= .200 m
	B42	sqm	1	3.350	0.200	0.425	3.518	slab thick= .200 m
	B43	sqm	1	2.100	0.200	0.425	2.205	slab thick= .200 m
	B44	sqm	1	31.500	0.600	0.450	47.250	slab thick= .175 m
	B45	sqm	1	34.800	0.230	0.450	39.324	slab thick= .175 m
	B46	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B47	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B48	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B49	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B50	sqm	1	8.225	0.600	0.450	12.338	slab thick= .175 m
		sqm	1	23.575	0.450	0.450	31.826	slab thick= .175 m
	B51	sqm	1	3.500	0.450	0.450	4.725	slab thick= .175 m
	B52	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B53	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B54	sqm	1	8.125	0.230	0.450	9.181	slab thick= .175 m
		sqm	1	16.950	0.230	0.450	19.154	slab thick= .175 m
	B55	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B56	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B57	sqm	1	3.505	0.300	0.450	4.206	slab thick= .175 m
	B58	sqm	1	7.925	0.600	0.450	11.888	slab thick= .175 m
		sqm	1	23.575	0.450	0.450	31.826	slab thick= .175 m
	B59	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B60	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B61	sqm	1	34.800	0.230	0.450	39.324	slab thick= .175 m
	B62	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B63	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B64	sqm	1	31.500	0.450	0.450	42.525	slab thick= .175 m
	B65	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B66	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B67	sqm	1	25.750	0.230	0.450	29.098	slab thick= .175 m
	B93	sqm	1	8.525	0.300	0.450	10.230	slab thick= .175 m
	B94	sqm	1	5.875	0.300	0.450	7.050	slab thick= .175 m
	B68	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B69	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B70	sqm	1	8.525	0.300	0.450	10.230	slab thick= .175 m
	B71	sqm	1	31.050	0.450	0.450	41.918	slab thick= .175 m
	B72	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B73	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B74	sqm	1	0.850	0.200	0.450	0.935	slab thick= .175 m
	B75	sqm	1	5.450	0.200	0.125	2.453	slab thick= .175 m
	B76	sqm	1	25.750	0.230	0.450	29.098	slab thick= .175 m
	B77	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B78	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B79	sqm	1	6.250	0.450	0.450	8.438	slab thick= .175 m
	B81	sqm	1	23.575	0.450	0.450	31.826	slab thick= .175 m
		sqm	1	7.925	0.600	0.450	11.888	slab thick= .175 m
	B82	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B83	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m

Contractor For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

APPROVED BY
08 AUG 2024
Project Manager

Project Manager

Company:AMTZ Medpolis Square 4554 Pvt Ltd
Project: AMTZ 4554
Work: Stilt Floor/Slab-02 RCC works

S.No	Description	UOM	Nos	L	W	D	Qty	Remarks
	B84	sqm	1	34.800	0.230	0.425	37.584	slab thick= .200 m
	B85	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B86	sqm	1	1.200	0.200	0.425	1.260	slab thick= .200 m
	B87	sqm	1	31.500	0.600	0.425	45.675	slab thick= .200 m
	B89	sqm	1	2.750	0.200	0.425	2.888	slab thick= .200 m
	B90	sqm	1	3.000	0.200	0.425	3.150	slab thick= .200 m
	B91	sqm	1	2.750	0.200	0.425	2.888	slab thick= .200 m
	Total						**1378.338**	**sqm**

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

APPROVED BY
0 8 AUG 2024
Srinivasan.R
Project Manager

Modi Properties Pvt. Ltd.

Project: AMTZ Medpolis Square 801 Pvt.Ltd.

Work: Ground Floor Slab @ 4.45m Lvl.

S.No	Description	Unit	Nos	L	W	D	Qty	Remarks
Slab-RCC								
1	Slab	Cum	1	2268.000		0.175	396.900	
2	Projection Slab E1-E7	Cum	1	53.210		0.200	10.642	
3	Projection Slab C1	Cum	1	4.020		0.200	0.804	
4	Projection Slab A1-A7+ A7-D7	Cum	1	59.680		0.200	11.936	
	Deduct							
	Cutouts at (D-E) (5-6)							
	Duct-01	Cum	-1	3.310		0.175	-0.579	
	Duct-02	Cum	-1	1.360		0.175	-0.238	
	Duct-03	Cum	-1	1.020		0.175	-0.179	
	Duct-04	Cum	-1	1.800		0.175	-0.315	
	Lift-01	Cum	-1	6.000		0.175	-1.050	
	Lift-02	Cum	-1	6.000		0.175	-1.050	
	Staircase-01	Cum	-1	21.750		0.175	-3.806	
	Cutouts at (A-C) (1-3)							
	Duct-05	Cum	-1	0.750		0.175	-0.131	
	Duct-06	Cum	-1	1.730		0.175	-0.303	
	Duct-07	Cum	-1	1.660		0.175	-0.291	
	Staircase-02	Cum	-1	22.440		0.175	-3.927	
	Lift-03	Cum	-1	6.000		0.175	-1.050	
	Lift-04	Cum	-1	5.990		0.175	-1.048	
	Total						**406.315**	**Cum**

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

APPROVED BY
08 AUG 2024
Srinivasan.R
Project Manager

Contractor

Project Manager

Slab-Shuttering

S.No	Description	Unit	Nos	L	W	D	Qty	Remarks
	Bottom							
1	Slab	sqm	1	2268.000			2268.000	
2	Projection SlabE1-E7	sqm	1	53.210			53.210	
3	Projection SlabC1	sqm	1	4.020			4.020	
4	Projection SlabA1-A7+ A7-D7	sqm	1	59.680			59.680	
	sides							
5	200 mm	sqm	1	196.810		0.200	39.362	
6	175 mm	sqm	1	37.400		0.175	6.545	
	Deduct							
7	**Cutouts at (D-E) (5-6)**							
	Duct-01	sqm	-1	3.310			-3.310	
	Duct-02	sqm	-1	1.360			-1.360	
	Duct-03	sqm	-1	1.020			-1.020	
	Duct-04	sqm	-1	1.800			-1.800	
	Lift-01	sqm	-1	6.000			-6.000	
	Lift-02	sqm	-1	6.000			-6.000	
	Staircase-01	sqm	-1	21.750			-21.750	
8	**Cutouts at (A-C) (1-3)**							
	Duct-05	sqm	-1	0.750			-0.750	
	Duct-06	sqm	-1	1.730			-1.730	
	Duct-07	sqm	-1	1.660			-1.660	
	Staircase-02	sqm	-1	22.440			-22.440	
	Lift-03	sqm	-1	6.000			-6.000	
	Lift-04	sqm	-1	5.990			-5.990	
	Sides-Cutouts at (D-E) (5-6)							
9	**Cutouts at (D-E) (5-6)**							
	Duct-01	sqm	1	8.400		0.175	1.470	
	Duct-02	sqm	1	4.900		0.175	0.858	
	Duct-03	sqm	1	4.100		0.175	0.718	
	Duct-04	sqm	1	7.200		0.175	1.260	
	Lift-01	sqm	1	10.000		0.175	1.750	
	Lift-02	sqm	1	10.000		0.175	1.750	
	Staircase-01	sqm	1	19.510		0.175	3.414	
10	**Cutouts at (A-C) (1-3)**							
	Duct-05	sqm	1	3.500		0.175	0.613	
	Duct-06	sqm	1	6.100		0.175	1.068	
	Duct-07	sqm	1	6.490		0.175	1.136	
	Staircase-02	sqm	1	20.000		0.175	3.500	
	Lift-03	sqm	1	10.000		0.175	1.750	
	Lift-04	sqm	1	9.990		0.175	1.748	
11	Add Shuttering for Double height							
	Double height-01 at E-6 TO 7	sqm	1	91.119			91.119	
	Double height-02 at A-1 TO 2	sqm	1	163.294			163.294	
	Total						**2626.453**	sqm

Contractor

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

APPROVED BY
08 AUG 2024
Srinivasan.R
Project Manager

Project Manager

Staircase-RCC & Shuttering

Company:AMTZ Medpolis Square 4554 Pvt Ltd

Project: AMTZ 4554

Work: Stilt Floor/Slab-02 RCC works

S.No	Description	Unit	Nos	L	H	W	Qty	Remarks
Staircase-01-RCC								
1	Flight-1+Landing	Cum	1	1.756		1.600	2.810	C/s area*W
2	Flight-II+Landing	Cum	1	1.756		1.600	2.810	
3	Landing	Cum	1	1.870	0.250	0.200	0.094	
4	Steps	Cum	20	1.600	0.150	0.300	0.720	0.5*L*B*H
5	MLB1	Cum	1	3.400	0.450	0.230	0.352	
Staircase-02-RCC								
1	Flight-1+Landing	Cum	1	1.706		1.600	2.730	C/s area*W
2	Flight-II+Landing	Cum	1	1.706		1.600	2.730	
3	Landing	Cum	1	1.920	0.250	0.200	0.096	
4	Steps	Cum	20	1.600	0.150	0.300	0.720	0.5*L*B*H
5	MLB1	Cum	1	2.430	0.450	0.230	0.252	
	Total						**13.311**	**Cum**

Staircase-01-Shuttering

S.No	Description	Unit	Nos	L	W	H	Qty	Remarks
1	Flight-1+Landing	Sqm	1	4.965	1.600		7.944	
	Sides	Sqm	2	3.102		0.250	1.551	
2	Flight-II+Landing	Sqm	1	7.024	1.600		11.238	
	Sides	Sqm	2	3.012		0.250	1.506	
3	Landing	Sqm	1	1.495	0.200		0.299	
4	Steps	Sqm	20	1.600		0.150	4.800	
	Sides	Sqm	20	0.300		0.150	0.450	0.5*L*H
5	LB1_Inside	Sqm	1	3.400		0.200	1.360	
	LB1_outside+ bottom	Sqm	1	3.400	0.230	0.450	2.312	

Staircase-02-Shuttering

1	Flight-1+Landing	Sqm	1	4.865	1.600		7.784	
	Sides	Sqm	2	3.027		0.250	1.514	
2	Flight-II+Landing	Sqm	1	6.824	1.600		10.918	
	Sides	Sqm	2	2.937		0.250	1.469	
3	Landing	Sqm	1	1.870	0.200		0.374	
4	Steps	Sqm	20	1.600		0.150	4.800	
	Sides	Sqm	20	0.300		0.150	0.450	0.5*L*H
5	LB1_Inside	Sqm	1	3.255		0.200	1.302	
	LB1_outside+ bottom	Sqm	1	3.255	0.230	0.450	2.213	
	Total						**62.284**	**Sqm**

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

APPROVED BY
08 AUG 2024
Srinivasan.R
Project Manager

Project Manager

Company:AMTZ Medpolis Square 4554 Pvt Ltd				AMTZ Medpolis Square 4554 Pv	
Project: AMTZ 4554				AMTZ 4554	
Work: Stilt Floor/Slab-02 RCC works				Stilt Floor/Slab-02 RCC works	
C1	0.450	0.450			
C2	1.200	0.300			
C3	1.350	0.450			
C4	0.900	0.900			
C5	0.900	0.900			
C6	0.900	0.900			
P11	3.975	0.300			
P3	3.400	0.300			
P2	3.400	0.200			
P1	3.400	0.300			
P6	3.400	0.200			
P7	3.400	0.200			
P8	3.400	0.300			
	Area	Permeter			
Duct-01	3.310	8.400	3307629	8400	
Duct-02	1.360	4.900	1359257	4899	
Duct-03	1.020	4.100	1020535	4101	
Duct-04	1.800	7.200	1798689	7199	
Duct-05	0.750	3.500	750341	3501	
Duct-06	1.730	6.100	1725494	6101	
Duct-07	1.660	6.490	1663769	6489	
Lift-01	6.000	10.000	5999624	9999	
Lift-02	6.000	10.000	5998952	9999	
Lift-03	6.000	10.000	5996131	9997	
Lift-04	5.990	9.990	5994017	9994	
Staircase-01	21.750	19.510	21753403	19505	
Staircase-02	22.440	20.000	22440679	20000	
Slab	2268.000	198.000	2268000000	1,98,000	

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

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08 AUG 2024
Srinivasan.R
Project Manager

Contractor

Project Manager

Company:AMTZ Medpolis Square 4554 Pvt Ltd

Project: AMTZ 4554

Work: Stilt Floor/Slab-02 RCC works

Prepared by:Q.S(H.O)

S.no.	Description	8mm (Ton)	10mm (Ton)	12mm (Ton)	16mm (Ton)	20mm (Ton)	25mm (Ton)	32mm (Ton)	Total
	Columns	7.766	- .0	- .0	- .0	- .0	11.001	8.130	26.897
	SW	- .0	0.317	1.237	0.795	2.048	2.150	- .0	6.547
	Beams	0.550	4.049	16.492	0.003	4.435	28.389	25.995	79.913
	Slab	- .0	42.399	- .0	- .0	- .0	0.771	- .0	43.170
	Staircase	0.237	0.055	- .0	2.349	0.095	- .0	- .0	2.736
5	**Total**	8.553	46.820	17.729	3.147	6.578	42.311	34.125	
								Total	**160.000**

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

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08 AUG 2024
Srinivasan.R
Project Manager

BBS SCHEDULE-Columns PB to First floor

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)						
	J (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of	No. of Members			Total Nos.	m	8	10	12	16	20	25	32
C1	450	450	3000	Main Bars	25		0	40	1100	0 90 degree bends 3000 0	25	50	75	100	4.100	4	x	1	=	4	16.400						16.400	
			3000	Main Bars	20		0	40	880	0 90 degree bends 3000 0	20	40	60	80	3.880	4	x	1	=	4	15.520					15.520		
			100	Stirrups	8 mm	100 mm c/c				96 1 no.s 370 370	8	16	24	32	1.575	31	x	1	=	31	48.825	48.825						
				Stirrups	8 mm	100 mm c/c				96 1 no.s 262 262	8	16	24	32	1.145	31	x	1	=	31	35.495	35.495						
C1	450	450	3000	Main Bars	25		0	40	1100	0 90 degree bends 3000 0	25	50	75	100	4.100	4	x	1	=	4	16.400						16.400	
			3000	Main Bars	20		0	40	880	0 90 degree bends 3000 0	20	40	60	80	3.880	4	x	1	=	4	15.520					15.520		
			100	Stirrups	8 mm	100 mm c/c				96 1 no.s 370 370	8	16	24	32	1.575	31	x	1	=	31	48.825	48.825						
				Stirrups	8 mm	100 mm c/c				96 1 no.s 262 262	8	16	24	32	1.145	31	x	1	=	31	35.495	35.495						

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

Contractor

5 AUG 2024

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Srinivasan.R
Project Manager

Project Manager

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°	(m)	No. of	No. of Members		Total Nos.	m	8	10	12	16	20	25	32
C4	900	900	3000	Main Bars	25		0	40	1100	0 90 degree bends 3000 0	25	50	75	100	4.100	24	x 13 =		312	1279.200						1279.200	
	3000		100	Stirrups	8	100				96 820 820	8	16	24	32	3.375	31	x 13 =		403	1360.125	1360.125						
				Stirrups	8	100				96 2 no.s 820 450	8	16	24	32	2.635	62	x 13 =		806	2123.810	2123.810						
				Stirrups	8	100				96 2 no.s 450 820	8	16	24	32	2.635	62	x 13 =		806	2123.810	2123.810						
				Stirrups	8	100				96 820 96			24	32	0.950	31	x 13 =		403	382.850	382.850						
	0.95			Stirrups	8	100				96 820 96	8	16	24	32	0.950	31	x 13 =		403	382.850	382.850						
C5	900	900	3000	Main Bars	25		0	40	1100	0 90 degree bends 3000 0	25	50	75	100	4.100	28	x 11 =		308	1262.800						1262.800	
	3000		100	Stirrups	8	100				96 820 820	8	16	24	32	3.375	31	x 11 =		341	1150.875	1150.875						
				Stirrups	8	100				96 3 no.s 820 390	8	16	24	32	2.515	93	x 11 =		1023	2572.845	2572.845						

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

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Srinivasan.R
Project Manager

Project Manager

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°	(m)	No. of	No. of Members		Total Nos.	m	8	10	12	16	20	25	32
				Stirrups	8	100				96 3 no.s 390 820	8	16	24	32	2.515	93	x	11	= 1023	2572.845	2572.845						
C6	900	900	3000	Main Bars	32		0	40	1408	0 90 degree bends 3000 0	32	64	96	128	4.408	28	x	10	= 280	1234.240							1234.240
	3000		100	Stirrups	8	100				96 820 820	8	16	24	32	3.375	31	x	10	= 310	1046.250	1046.250						
3 equal spaces	400*820			Stirrups	8	100				96 3 no.s 820 400	8	16	24	32	2.535	93	x	10	= 930	2357.550	2357.550						
				Stirrups	8	100				96 3 no.s 400 820	8	16	24	32	2.535	93	x	10	= 930	2357.550	2357.550						
C3	1350	450	3000	Main Bars	25		0	40	1100	0 90 degree bends 3000 0	25	50	75	100	4.100	28	x	1	= 28	114.800						114.800	
	3000		100	Stirrups	8	100				96 370 1270	8	16	24	32	3.375	31	x	1	= 31	104.625	104.625						
	270*370			Stirrups	8	100				96 4 no.s 370 270	8	16	24	32	1.375	124	x	1	= 124	170.500	170.500						
				Stirrups	8	100				370 96 1270	8	16	24	32	3.375	31	x	1	= 31	104.625	104.625						

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

Contractor

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Srinivasan.R
Project Manager

Project Manager

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°	(m)	No. of	No. of Members			Total Nos.	m	8	10	12	16	20	25	32
no.of stirrips	34			Stirrups	8	100				370 / 96 / 155	8	16	24	32	1.145	31	x	1	=	31	35.495	35.495						
C2	1200	300	3000	Main Bars	32		0	40	1408	0 / 90 degree bends / 3000 / 0	32	64	96	128	4.408	4	x	3	=	12	52.896							52.896
				Main Bars	25		0	40	1100	0 / 90 degree bends / 3000 / 0	25	50	75	100	4.100	16	x	3	=	48	196.800						196.800	
	3000		100	Stirrups	8	100				96 / 220 / 1120	8	16	24	32	2.775	31	x	3	=	93	258.075	258.075						
	no.of tics	3		Stirrups	8	100				96 / 3 no.s / 220 / 520	8	16	24	32	1.575	93	x	3	=	279	439.425	439.425						
				Stirrups	8	100				96 / 1120 / 96			24	32	1.250	31	x	3	=	93	116.250	116.250						
																					Total Length	19660.355	0.000	0.000	0.000	0.000	2853.600	1287.136
																					Unit Weight In (Kg)	0.395	0.617	0.888	1.579	2.467	3.855	6.316
																					Total Weight In (KG)	7765.840	0.000	0.000	0.000	0.000	11000.628	8129.551
																					Total Weight In (TON)	7.766	0.000	0.000	0.000	0.000	11.001	8.130
																								Total	26.897			

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

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Srinivasan.R
Project Manager

Contractor

Project Manager

BBS SCHEDULE-Shear Wall

S.No	Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars	No. of Sides		Total Nos.	Total Length m	Total Length with Dia. (m) 8mm	10mm	12mm	16mm	20mm	25mm
1	P1	3400	300	3000	Main bars (vertical)	20	100	40	880	90 degree bends 3000	20	40	60	80	3.880	34	x	2	= 68	263.840					263.84	
					Distributional bars (horizontal)	12	100		2112	90 degree bends 220 3320 220	12	24	36	48	9.096	30	x	1	= 30	272.880			272.88			
2	P2	3400	200	3000	Main bars (vertical)	20	100	40	880	90 degree bends 3000	20	40	60	80	3.880	34	x	2	= 68	263.840					263.84	
					Distributional bars (horizontal)	12	100		2112	90 degree bends 120 3320 120	12	24	36	48	8.896	30	x	1	= 30	266.880			266.88			
3	P3	3400	300	3000	Main bars (vertical)	25	100	40	1100	90 degree bends 3000	25	50	75	100	4.100	34	x	2	= 68	278.800						278.8
4	P6	3400	200	3000	Distributional bars (horizontal)	12	100		2112	90 degree bends 220 3320 220	12	24	36	48	9.096	30	x	1	= 30	272.880			272.88			
					Main bars (vertical)	16	100	40	704	90 degree bends 3000	16	32	48	64	3.704	34	x	2	= 68	251.872				251.872		
					Distributional bars (horizontal)	10	100		1760	90 degree bends 120 3320 120	10	20	30	40	8.560	30	x	1	= 30	256.800		256.8				
5	P7	3400	200	3000	Main bars (vertical)	16	100	40	704	90 degree bends 3000	16	32	48	64	3.704	34	x	2	= 68	251.872				251.872		
					Distributional bars (horizontal)	10	100		1760	90 degree bends 120 3320 120	10	20	30	40	8.560	30	x	1	= 30	256.800		256.8				
5	P8	3400	300	3000	Main bars (vertical)	25	100	40	1100	90 degree bends 3000	25	50	75	100	4.100	34	x	2	= 68	278.800						278.8
					Distributional bars (horizontal)	12	100		2112	90 degree bends 220 3320 220	12	24	36	48	9.096	30	x	1	= 30	272.880			272.88			
6	P11	3975	300	3000	Main bars (vertical)	20	100	40	880	90 degree bends 3000	20	40	60	80	3.880	39	x	2	= 78	302.640					302.64	
					Distributional bars (horizontal)	12	100		2112	90 degree bends 220 3895 220	12	24	36	48	10.246	30	x	1	= 30	307.380			307.38			

Total Length	0.000	513.600	1392.900	503.744	830.320	557.600
Unit Weight In (Kg)	0.395	0.617	0.888	1.579	2.467	3.855
Total Weight In (KG)	0.000	316.891	1236.895	795.412	2048.399	2149.548
Total Weight In (TON)	0.000	0.317	1.237	0.795	2.048	2.150
		Total	6.547			

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Decp 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°	(m)	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32
B1	6050	200	625	Top Main	20 mm			25	0	6000; 363 ⌐ 363; 2 90 bends	20	40	60	80	6.645	2	x	1	= 2	13.290					13.290		
				Bot. Main	20 mm				0	6000; 363 ⌐ 363; 2 90 bends	20	40	60	80	6.645	2	x	1	= 2	13.290					13.290		
200	625	5650	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		96; 575; 150	8	16	24	32	1.546	44	x	1	= 44	68.024	68.024						
B2	4925	200	625	Top Main	20 mm			25	0	4875; 363 ⌐ 363; 2 90 bends	20	40	60	80	5.520	2	x	2	= 4	22.080					22.080		
B3				Bot. Main	20 mm				0	4875; 363 ⌐ 363; 2 90 bends	20	40	60	80	5.520	2	x	2	= 4	22.080					22.080		
200	625	4525	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		96; 575; 150	8	16	24	32	1.546	35	x	2	= 70	108.220	108.220						
B4	6000	200	625	Top Main	20 mm			25	0	5950; 363 ⌐ 363; 2 90 bends	20	40	60	80	6.595	2	x	1	= 2	13.190					13.190		
				Bot. Main	20 mm				0	5950; 363 ⌐ 363; 2 90 bends	20	40	60	80	6.595	2	x	1	= 2	13.190					13.190		
200	625	5600	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		96; 575; 150	8	16	24	32	1.546	43	x	1	= 43	66.478	66.478						
B5	5500	200	625	Top Main	20 mm			25	0	5450; 363 ⌐ 363; 2 90 bends	20	40	60	80	6.095	2	x	2	= 4	24.380					24.380		
B6				Bot. Main	20 mm				0	5450; 363 ⌐ 363; 2 90 bends	20	40	60	80	6.095	2	x	2	= 4	24.380					24.380		
200	625	5100	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		96; 575; 150	8	16	24	32	1.546	40	x	2	= 80	123.680	123.680						
B8	6000	200	625	Top Main	20 mm			25	0	5950; 363 ⌐ 363; 2 90 bends	20	40	60	80	6.595	2	x	1	= 2	13.190					13.190		
				Bot. Main	20 mm				0	5950; 363 ⌐ 363	20	40	60	80	6.595	2	x	1	= 2	13.190					13.190		

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner
5 AUG 2024

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Deep Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
										2 90 bends																
200	625	5400	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 575 150	8	16	24	32	1.546	42	x 1 =	42	64.932	64.932						
										62950																
B10	63000	600	625	Top Main	25 mm			25	5500	363 363	25	50	75	100	69.075	4	x 1 =	4	276.300						276.300	
										2 90 bends																
	230			Bot. Main	25 mm				5500	62950 363 363	25	50	75	100	69.075	4	x 1 =	4	276.300						276.300	
										2 90 bends																
	900			Top Extra at grid 1	32 mm					1 90 bends 363 3140	32	64	96	128	3.439	6	x 1 =	6	20.631							20.631
	300			Top Extra at grid 7	32 mm					1 90 bends 363 3565	32	64	96	128	3.864	6	x 1 =	6	23.181							23.181
				Top Extra at grid 2	32 mm					90 bends 1 5430	32	64	96	128	5.430	6	x 1 =	6	32.580							32.580
				Top Extra at grid 3	32 mm					90 bends 1 5855	32	64	96	128	5.855	6	x 1 =	6	35.130							35.130
				Top Extra at grid 4,5,6	32 mm					90 bends 3 6280	32	64	96	128	6.280	18	x 1 =	18	113.040							113.040
				Bottom Extra at grid 1	32 mm					1 90 bends 363 0 3140	32	64	96	128	3.439	2	x 1 =	2	6.877							6.877
				Bottom Extra at grid 7	32 mm					1 90 bends 363 3565	32	64	96	128	3.864	2	x 1 =	2	7.727							7.727
1615	1360	1360		Bottom Extra at grid 1 to 2	32 mm					1 no.s 7480	32	64	96	128	7.480	2	x 1 =	2	14.960							14.960
9050	10750	10200		Bottom Extra at grid 2 to 3	32 mm					1 no.s 6330	32	64	96	128	6.330	2	x 1 =	2	12.660							12.660
				Bottom Extra at grid 2	32 mm					1 no.s 5430	32	64	96	128	5.430	2	x 1 =	2	10.860							10.860
				Bottom Extra at grid 2-4 (	32 mm					4 no.s	32	64	96	128	7.520	8	x 1 =	8	60.160							60.160

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

Contractor

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Srinivasan.R
Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Derp 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°	(m)	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32
				4-5 / 5-6/ 6-7						7520																	
										1 no.s																	
				Bottom Extra	32 mm						32	64	96	128	5.430	2	x	1	= 2	10.860							10.860
										5430																	
				Bottom Extra at grid 3	32 mm					1 no.s	32	64	96	128	5.855	2	x	1	= 2	11.710							11.710
										5855																	
				Bottom Extra at grid 4,5,6	32 mm					3 no.s	32	64	96	128	6.280	6	x	1	= 6	37.680							37.680
										6280																	
600	625	58220	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575	12	24	36	48	2.394	524	x	1	= 524	1254.456			1254.456				
										550																	
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575	12	24	36	48	1.784	524	x	1	= 524	934.816			934.816				
										245																	
										1450																	
B11	1500	200	625	Top Main	20 mm			25	0	0 363	20	40	60	80	1.733	2	x	1	= 2	3.465					3.465		
										2 90 bends																	
										1450																	
				Bot. Main	20 mm				0	0 363	20	40	60	80	1.733	2	x	1	= 2	3.465					3.465		
										2 90 bends																	
										96																	
200	625	400	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		575	8	16	24	32	1.546	4	x	1	= 4	6.184	6.184						
										150																	
										1150																	
B12	1200	200	625	Top Main	20 mm			25	0	0 0	20	40	60	80	1.070	2	x	1	= 2	2.140					2.140		
										2 90 bends																	
										1150																	
				Bot. Main	20 mm				0	0 0	20	40	60	80	1.070	2	x	1	= 2	2.140					2.140		
										2 90 bends																	
										96																	
200	625	400	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		575	8	16	24	32	1.546	4	x	1	= 4	6.184	6.184						
										150																	
										22125																	
B13	22175	300	625	Top Main	25 mm			25	1100	363 363	25	50	75	100	23.950	3	x	1	= 3	71.850						71.850	
										90 bends																	
										22125																	
				Bot. Main	25 mm				1100	363 363	25	50	75	100	23.950	3	x	1	= 3	71.850						71.850	
										90 bends																	

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

Contractor

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Srinivasan.R

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Deep Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of Bars					m	8	10	12	16	20	25	32
				Top Extra at grid 4	20 mm					1 90 bends 363 2850	20	40	60	80	3.173	2	x	1	=	2	6.345					6.345		
				Top Extra	25 mm					90 bends 1 4688	25	50	75	100	4.688	3	x	1	=	3	14.064						14.064	
				Top Extra	20 mm					90 bends 1 1345	20	40	60	80	1.345	2	x	1	=	2	2.690					2.690		
				Top Extra	25 mm					90 bends 1 2965	25	50	75	100	2.965	2	x	1	=	2	5.930						5.930	
	600			Top Extra	25 mm					1 90 bends 363 1425	25	50	75	100	1.738	3	x	1	=	3	5.213						5.213	
				Bottom Extra	20 mm					1 no.s 6885	20	40	60	80	6.885	2	x	1	=	2	13.770					13.770		
300	625	18650	100 mm c/c	Bottom Extra	20 mm					1 no.s 2965	20	40	60	80	2.965	2	x	1	=	2	5.930					5.930		
				Stirrups	10 mm	150 mm c/c		25		120 575 250	10	20	30	40	1.770	167	x	1	=	167	295.590		295.590					
B14	30380	230	625	Top Main	25 mm			25	2200	30330 363 363 90 bends	25	50	75	100	33.255	2	x	1	=	2	66.510						66.510	
				Bot. Main	25 mm				2200	30330 363 363 90 bends	25	50	75	100	33.255	2	x	1	=	2	66.510						66.510	
				Top Extra	20 mm					1 90 bends 363 2840	20	40	60	80	3.163	2	x	1	=	2	6.325					6.325		
				Top Extra	20 mm					90 bends 1 4980	20	40	60	80	4.980	2	x	1	=	2	9.960					9.960		
				Top Extra	20 mm					90 bends 1 5405	20	40	60	80	5.405	2	x	1	=	2	10.810					10.810		
				Top Extra	20 mm					1 90 bends 1 363 3115 1 no.s	20	40	60	80	3.438	2	x	1	=	2	6.875					6.875		

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner
5 AUG 2024

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0 8 AUG 2024
Srinivasan R

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
1360	1360	1615		Bottom Extra	20 mm					7480	20	40	60	80	7.480	2	x 1 =	2	14.960					14.960		
10200	9050	10750		Bottom Extra	20 mm					1 no.s 6330	20	40	60	80	6.330	2	x 1 =	2	12.660					12.660		
230	625	27740	100 mm c/c	Bottom Extra	20 mm					1 no.s 7520	20	40	60	80	7.520	2	x 1 =	2	15.040					15.040		
				Stirrups	10 mm	150 mm c/c		25		120 575 180	10	20	30	40	1.630	250	x 1 =	250	407.500		407.500					
B15	11505	230	625	Top Main	25 mm			25	1100	11455 363 363 2 90 bends	25	50	75	100	13.180	2	x 1 =	2	26.360						26.360	
				Bot. Main	25 mm				1100	11455 363 363 2 90 bends	25	50	75	100	13.180	2	x 1 =	2	26.360						26.360	
				Top Extra	20 mm					90 bends 1 363 3115	20	40	60	80	3.438	2	x 1 =	2	6.875					6.875		
				Top Extra	20 mm					90 bends 1 363 3265	20	40	60	80	3.588	2	x 1 =	2	7.175					7.175		
				Bottom Extra	20 mm					1 no.s 7530	20	40	60	80	7.530	2	x 1 =	2	15.060					15.060		
230	625	10225	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120 575 180	10	20	30	40	1.630	92	x 1 =	92	149.960		149.960					
B16	1800	200	625	Top Main	32 mm			25	0	1750 363 363 90 bends	32	64	96	128	2.475	2	x 1 =	2	4.950							4.950
				Bot. Main	32 mm				0	1750 363 363 90 bends	32	64	96	128	2.475	2	x 1 =	2	4.950							4.950
200	625	1050	125 mm c/c	Stirrups	10 mm	125 mm c/c		25		120 575 150	10	20	30	40	1.570	9	x 1 =	9	14.130		14.130					
B17	1200	200	625	Top Main	20 mm			25	0	1150 0 90 bends 1150	20	40	60	80	1.150	2	x 1 =	2	2.300					2.300		

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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0 8 AUG 2024
Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of Bars					m	8	10	12	16	20	25	32
				Bot. Main	20 mm				0	0 90 bends	20	40	60	80	1.150	2	x	1	=	2	2.300					2.300		
200	625	400	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 575 150	8	16	24	32	1.546	4	x	1	=	4	6.184	6.184						
B18	63000	600	625	Top Main	25 mm			25	5500	62950 363 363 2 90 bends	25	50	75	100	69.075	4	x	1	=	4	276.300						276.300	
		450	625	Bot. Main	25 mm				5500	62950 363 363 2 90 bends	25	50	75	100	69.075	4	x	1	=	4	276.300						276.300	
	900			Top Extra	32 mm					1 90 bends 363 3140	32	64	96	128	3.439	6	x	1	=	6	20.631							20.631
				Top Extra	32 mm					1 90 bends 363 3565	32	64	96	128	3.864	6	x	1	=	6	23.181							23.181
				Top Extra	32 mm					90 bends 1 5430	32	64	96	128	5.430	6	x	1	=	6	32.580							32.580
				Top Extra	32 mm					90 bends 1 5855	32	64	96	128	5.855	6	x	1	=	6	35.130							35.130
	450			Top Extra	32 mm					90 bends 1 4960	32	64	96	128	4.960	6	x	1	=	6	29.760							29.760
	1200			Top Extra	32 mm					90 bends 1 3820	32	64	96	128	3.820	2	x	1	=	2	7.640							7.640
				Top Extra	32 mm					90 bends 1 4010	32	64	96	128	4.010	6	x	1	=	6	24.060							24.060
				Top Extra	32 mm					90 bends 1 6350	32	64	96	128	6.350	6	x	1	=	6	38.100							38.100
				Bottom Extra	32 mm					1 90 bends 363 0 3140	32	64	96	128	3.439	2	x	1	=	2	6.877							6.877
				Bottom Extra	32 mm					1 90 bends 363 3565	32	64	96	128	3.864	2	x	1	=	2	7.727							7.727
1615	1360	1360	1655	Bottom	32 mm					1 no.s	32	64	96	128	7.480	4	x	1	=	4	29.920							29.920

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Decp 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°	(m)	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32
										7480																	
9050	10750	10200	11025	Bottom Extra	32 mm					1 no.s 6330	32	64	96	128	6.330	2	x 1 =		2	12.660							12.660
				Bottom Extra	32 mm					2 no.s 7520	32	64	96	128	7.520	4	x 1 =		4	30.080							30.080
	1050			Bottom Extra	32 mm					1 no.s 7715	32	64	96	128	7.715	4	x 1 =		4	30.860							30.860
	6995			Bottom Extra	32 mm					1 no.s 4895	32	64	96	128	4.895	2	x 1 =		2	9.790							9.790
				Bottom Extra	32 mm					no.s 7520	32	64	96	128	7.520	6	x 1 =		6	45.120							45.120
				Bottom Extra	32 mm					1 no.s 5430	32	64	96	128	5.430	2	x 1 =		2	10.860							10.860
				Bottom Extra	32 mm					1 no.s 5855	32	64	96	128	5.855	2	x 1 =		2	11.710							11.710
				Bottom Extra	32 mm					1 no.s 6280	32	64	96	128	6.280	2	x 1 =		2	12.560							12.560
				Bottom Extra	32 mm					1 no.s 4890	32	64	96	128	4.890	2	x 1 =		2	9.780							9.780
				Bottom Extra	32 mm					1 no.s 8940	32	64	96	128	8.940	2	x 1 =		2	17.880							17.880
600	625	47225	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 550 144	12	24	36	48	2.394	425	x 1 =		425	1017.450			1017.450				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 260	12	24	36	48	1.814	421	x 1 =		421	763.694			763.694				
450	625	8720	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 400 144	12	24	36	48	2.094	79	x 1 =		79	165.426			165.426				

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

Contractor

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Srinivasan.R

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Deep 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°	(m)	No. of Bars	No. of Members			Total Nos.	m	8	10	12	16	20	25	32
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		575 / 210	12	24	36	48	1.714	79	x	1	–	79	135.406			135.406				
B19	1200	200	625	Top Main	20 mm			25	0	363 / 1150 / 363 — 2 90 bends	20	40	60	80	1.795	2	x	1	=	2	3.590					3.590		
				Bot. Main	20 mm				0	363 / 1150 / 363 — 2 90 bends	20	40	60	80	1.795	2	x	1	=	2	3.590					3.590		
200	625	400	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 / 575 / 150	8	16	24	32	1.546	4	x	1	=	4	6.184	6.184						
B20	63000	230	625	Top Main	25 mm			25	5500	363 / 62950 / 363 — 90 bends	25	50	75	100	69.175	2	x	1	–	2	138.350						138.350	
				Bot. Main	25 mm				5500	363 / 62950 / 363 — 90 bends	25	50	75	100	69.175	2	x	1	–	2	138.350						138.350	
				Top Extra	20 mm					1 90 bends 1 / 363 / 2840 — 90 bends 1	20	40	60	80	3.163	2	x	1	=	2	6.325					6.325		
				Top Extra	20 mm					4980 — 90 bends 1	20	40	60	80	4.980	2	x	1	=	2	9.960					9.960		
				Top Extra	20 mm					5405 — 90 bends 1	20	40	60	80	5.405	2	x	1	=	2	10.810					10.810		
				Top Extra	25 mm					90 bends 2 / 5830 — 90 bends 1	25	50	75	100	5.830	4	x	1	=	4	23.320						23.320	
				Top Extra	25 mm					4600	25	50	75	100	4.600	2	x	1	=	2	9.200						9.200	
				Top Extra	20 mm					1 90 bends 1 / 363 / 3265 — 1 no.s	20	40	60	80	3.588	2	x	1	=	2	7.175					7.175		
1615	1360	1360		Bottom Extra	20 mm					7480	20	40	60	80	7.480	2	x	1	=	2	14.960					14.960		
9050	10750	10200		Bottom Extra	20 mm					1 no.s / 6330 / 4 no.s	20	40	60	80	6.330	2	x	1	–	2	12.660					12.660		

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(RAN RAJU)
Managing Partner

5 AUG 2024

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Project Manager

Srinivasan.R

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Deep Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of Bars					m	8	10	12	16	20	25	32
				Bottom Extra	20 mm					7520	20	40	60	80	7.520	8	x	1	=	8	60.160					60.160		
230	625	59550	100 mm c/c	Stirrups	10 mm	150 mm c-c		25		120 575 180	10	20	30	40	1.630	535	x	1	=	535	872.050		872.050					
B21	1800	200	625	Top Main	20 mm			25	0	1750 363 363 2 90 bends	20	40	60	80	2.395	2	x	2	=	4	9.580					9.580		
B23	2			Bot. Main	20 mm				0	1750 363 363 2 90 bends	20	40	60	80	2.395	2	x	2	=	4	9.580					9.580		
200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c-c		25		96 575 150	8	16	24	32	1.546	8	x	2	=	16	24.736	24.736						
B22	63000	600	625	Top Main	25 mm			25	5500	62950 363 363 2 90 bends	25	50	75	100	69.075	4	x	1	=	4	276.300						276.300	
				Bot. Main	25 mm				5500	62950 363 363 2 90 bends	25	50	75	100	69.075	4	x	1	=	4	276.300						276.300	
	900			Top Extra	32 mm					1 90 bends 363 3140	32	64	96	128	3.439	6	x	1	=	6	20.631							20.631
				Top Extra	32 mm					1 90 bends 363 3565	32	64	96	128	3.864	6	x	1	=	6	23.181							23.181
				Top Extra	32 mm					90 bends 5430	32	64	96	128	5.430	6	x	1	=	6	32.580							32.580
				Top Extra	32 mm					90 bends 5855	32	64	96	128	5.855	6	x	1	=	6	35.130							35.130
				Top Extra	32 mm					90 bends 3 6280	32	64	96	128	6.280	18	x	1	=	18	113.040							113.040
				Bottom Extra	32 mm					1 90 bends 363 0 3140	32	64	96	128	3.439	2	x	1	=	2	6.877							6.877
				Bottom Extra	32 mm					1 90 bends 363 3565 1 no.s	32	64	96	128	3.864	2	x	1	=	2	7.727							7.727

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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0 8 AUG 2024

Project Manager

Srinivasan.R
Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
1615	1360	1360		Bottom Extra	32 mm					7480	32	64	96	128	7.480	4	x 1 =	4	29.920							29.920
9050	10750	10200		Bottom Extra	32 mm					1 no.s 6330	32	64	96	128	6.330	2	x 1 =	2	12.660							12.660
				Bottom Extra	32 mm					4 no.s 7520	32	64	96	128	7.520	16	x 1 =	16	120.320							120.320
	900			Bottom Extra	32 mm					3 no.s 6280	32	64	96	128	6.280	6	x 1 =	6	37.680							37.680
				Bottom Extra	32 mm					1 no.s 5855	32	64	96	128	5.855	2	x 1 =	2	11.710							11.710
				Bottom Extra	32 mm					1 no.s 5430	32	64	96	128	5.430	2	x 1 =	2	10.860							10.860
600	625	56700	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 / 575 / 550	12	24	36	48	2.394	510	x 1 =	510	1220.940			1220.940				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 / 575 / 245	12	24	36	48	1.784	510	x 1 =	510	909.840			909.840				
B24	10570	230	625	Top Main	25 mm			25	0	10520 / 363 / 363 / 2 90 bends	25	50	75	100	11.145	2	x 1 =	2	22.290						22.290	
				Bot. Main	25 mm				0	10520 / 363 / 363 / 2 90 bends	25	50	75	100	11.145	2	x 1 =	2	22.290						22.290	
				Top Extra	20 mm					1 90 bends / 363 / 2840	20	40	60	80	3.163	2	x 1 =	2	6.325					6.325		
				Top Extra	20 mm					1 90 bends / 363 / 2690	20	40	60	80	3.013	2	x 1 =	2	6.025					6.025		
				Bottom Extra	20 mm					1 no.s 7480	20	40	60	80	7.480	2	x 1 =	2	14.960					14.960		
230	625	9520	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120 / 575 / 180 / 9445	10	20	30	40	1.630	86	x 1 =	86	140.180		140.180					

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU) Managing Partner

5 AUG 2024

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0 8 AUG 2024

Srinivasan.R

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of Bars					m	8	10	12	16	20	25	32
B-24A	9495	230	625	Top Main	25 mm			25	0	363 — 363; 2 90 bends	25	50	75	100	10.070	2	x	1	=	2	20.140						20.140	
				Bot. Main	25 mm				0	9445; 363 — 363; 2 90 bends	25	50	75	100	10.070	2	x	1	=	2	20.140						20.140	
				Top Extra	20 mm					1 90 bends; 363; 2840	20	40	60	80	3.163	2	x	1	=	2	6.325					6.325		
				Top Extra	20 mm					1 90 bends; 363; 2690	20	40	60	80	3.013	2	x	1	=	2	6.025					6.025		
				Bottom Extra	20 mm					1 no.s; 7480	20	40	60	80	7.480	2	x	1	=	2	14.960					14.960		
230	625	9045	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120; 575; 180	10	20	30	40	1.630	81	x	1	=	81	132.030		132.030					
B-24B	43830	230	625	Top Main	25 mm			25	3300	43780; 363 — 363; 2 90 bends	25	50	75	100	47.705	2	x	1	=	2	95.410						95.410	
				Bot. Main	25 mm				3300	43780; 363 — 363; 2 90 bends	25	50	75	100	47.705	2	x	1	=	2	95.410						95.410	
				Top Extra	20 mm					1 90 bends; 363; 3115	20	40	60	80	3.438	2	x	1	=	2	6.875					6.875		
				Top Extra	25 mm					90 bends 3; 5830	25	50	75	100	5.830	6	x	1	=	6	34.980						34.980	
				Top Extra	20 mm					1 90 bends; 363; 3265	20	40	60	80	3.588	2	x	1	=	2	7.175					7.175		
				Bottom Extra	20 mm					4 no.s; 7520	20	40	60	80	7.520	8	x	1	=	8	60.160					60.160		
230	625	41430	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120; 575; 180	10	20	30	40	1.630	372	x	1	=	372	606.360		606.360					
B25	63000	600	625	Top Main	25 mm			25	5500	62950; 363 — 363; 2 90 bends; 62950	25	50	75	100	69.075	4	x	1	=	4	276.300						276.300	

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

- 5 AUG 2024

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Deep Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
				Bot. Main	25 mm				5500	363 — 2 90 bends — 363	25	50	75	100	69.075	4	x 1 =	4	276.300						276.300	
	900			Top Extra	32 mm					1 90 bends 363 — 3140	32	64	96	128	3.439	6	x 1 =	6	20.631							20.631
				Top Extra	32 mm					1 90 bends — 363 — 3565	32	64	96	128	3.864	6	x 1 =	6	23.181							23.181
				Top Extra	32 mm					90 bends — 5430	32	64	96	128	5.430	6	x 1 =	6	32.580							32.580
				Top Extra	32 mm					90 bends — 5855	32	64	96	128	5.855	6	x 1 =	6	35.130							35.130
				Top Extra	32 mm					90 bends 3 — 6280	32	64	96	128	6.280	18	x 1 =	18	113.040							113.040
				Bottom Extra	32 mm					1 90 bends 363 — 0 — 3140	32	64	96	128	3.439	2	x 1 =	2	6.877							6.877
				Bottom Extra	32 mm					1 90 bends — 363 — 3565	32	64	96	128	3.864	2	x 1 =	2	7.727							7.727
1655	1360	1360	1615	Bottom Extra	32 mm					1 no.s — 7480	32	64	96	128	7.480	4	x 1 =	4	29.920							29.920
9050	10750	10200		Bottom Extra	32 mm					1 no.s — 6330	32	64	96	128	6.330	2	x 1 =	2	12.660							12.660
				Bottom Extra	32 mm					2 no.s — 7440	32	64	96	128	7.440	8	x 1 =	8	59.520							59.520
				Bottom Extra	32 mm					1 no.s — 7440	32	64	96	128	7.440	6	x 1 =	6	44.640							44.640
				Bottom Extra	32 mm					1 no.s — 7520	32	64	96	128	7.520	4	x 1 =	4	30.080							30.080
	900			Bottom Extra	32 mm					3 no.s — 6280	32	64	96	128	6.280	6	x 1 =	6	37.680							37.680
				Bottom Extra	32 mm					1 no.s — 5855	32	64	96	128	5.855	4	x 1 =	4	23.420							23.420

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU) Managing Partner

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Srinivasan.R Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Derp 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°	(m)	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32
600	625	56700	100 mm c/c	Bottom Extra	32 nos					1 no.s	32	64	96	128	5.430	2	x 1 =		2	10.860							10.860
				Stirrups	12 mm	150 mm c/c		25		5430 / 144 / 575	12	24	36	48	2.394	510	x 1 =		510	1220.940			1220.940				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		550 / 144 / 575	12	24	36	48	1.814	510	x 1 =		510	925.140			925.140				
B26	5950	300	625	Top Main	25 mm			25	0	260 / 5900 / 363 / 363 / 2 90 bends	25	50	75	100	6.525	2	x 1 =		2	13.050						13.050	
				Bot. Main	25 mm				0	5900 / 363 / 363 / 2 90 bends	25	50	75	100	6.525	2	x 1 =		2	13.050						13.050	
	200			Top Extra	32 mm					1 90 bends / 363 / 1275	32	64	96	128	1.574	2	x 1 =		2	3.147							3.147
				Top Extra	20 mm					1 90 bends / 363 / 2545	20	40	60	80	2.868	2	x 1 =		2	5.735					5.735		
				Bottom Extra	32 mm					1 90 bends / 363 / 0 / 1275	32	64	96	128	1.574	2	x 1 =		2	3.147							3.147
300	625	5150	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120 / 575 / 250	10	20	30	40	1.770	47	x 1 =		47	83.190		83.190					
B27	1650	200	625	Top Main	20 mm			25	0	1600 / 363 / 363 / 1 90 bends	20	40	60	80	2.285	2	x 1 =		2	4.570					4.570		
				Bot. Main	20 mm				0	1600 / 363 / 363 / 1 90 bends	20	40	60	80	2.285	2	x 1 =		2	4.570					4.570		
200	625	750	125 mm c/c	Stirrups	10 mm	125 mm c/c		25		120 / 575 / 150	10	20	30	40	1.570	7	x 1 =		7	10.990		10.990					
B28	10500	230	625	Top Main	25 mm			25	0	10450 / 363 / 363 / 2 90 bends	25	50	75	100	11.075	2	x 1 =		2	22.150						22.150	
				Bot. Main	25 mm				0	10450 / 363 / 363	25	50	75	100	11.075	2	x 1 =		2	22.150						22.150	

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of Bars					m	8	10	12	16	20	25	32
										2 90 bends																		
				Top Extra	20 mm					1 90 bends 2 363 2995	20	40	60	80	3.318	4	x	1	=	4	13.270					13.270		
				Bottom Extra	20 mm					1 no.s 7715	20	40	60	80	7.715	2	x	1	=	2	15.430					15.430		
230	625	7900	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120 575 180	10	20	30	40	1.630	71	x	1	=	71	115.730		115.730					
										43700																		
B29	43750	230	625	Top Main	25 mm			25	3300	363 363 2 90 bends	25	50	75	100	47.625	2	x	1	=	2	95.250						95.250	
				Bot. Main	25 mm				3300	43700 363 363 2 90 bends	25	50	75	100	47.625	2	x	1	=	2	95.250						95.250	
				Top Extra	20 mm					1 90 bends 2 363 3265	20	40	60	80	3.608	4	x	1	=	4	14.430					14.430		
				Top Extra	25 mm					90 bends 3 5830	25	50	75	100	5.830	6	x	1	=	6	34.980						34.980	
				Bottom Extra	20 mm					4 no.s 7520	20	40	60	80	7.520	8	x	1	=	8	60.160					60.160		
230	625	41200	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120 575 180	10	20	30	40	1.630	370	x	1	=	370	603.100		603.100					
B30	5950	200	300	Top Main	25 mm			25	0	5900 200 200 2 90 bends	25	50	75	100	6.200	2	x	1	=	2	12.400						12.400	
			625	Bot. Main	25 mm				0	5900 363 363 2 90 bends	25	50	75	100	6.525	2	x	1	=	2	13.050						13.050	
				Top Extra	20 mm					1 90 bends 200 755	20	40	60	80	0.915	2	x	1	=	2	1.830					1.830		
				Top Extra	32 mm					90 bends 1 1280	32	64	96	128	1.280	2	x	1	=	2	2.560							2.560
				Bottom	20 mm					1 90 bends 200 0	20	40	60	80	0.915	2	x	1	=	2	1.830					1.830		

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner

Contractor

5 AUG 2024

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Deyp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
				Bottom Extra	25 mm					755 1 no.s 1280 120	25	50	75	100	1.280	2	x 1 =	2	2.560						2.560	
200	300	4660	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		250 150	10	20	30	40	0.920	42	x 1 =	42	38.640		38.640					
B31	1200	200	625	Top Main	20 mm			25	0	1150 363 363 2 90 bends	20	40	60	80	1.795	2	x 2 =	4	7.180					7.180		
B32	2			Bot. Main	20 mm				0	1150 363 363 2 90 bends	20	40	60	80	1.795	2	x 2 =	4	7.180					7.180		
200	625	400	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 575 150	8	16	24	32	1.546	4	x 2 =	8	12.368	12.368						
B33	55215	600	625	Top Main	25 mm			25	4400	55165 363 363 2 90 bends	25	50	75	100	60.190	4	x 1 =	4	240.760						240.760	
				Bot. Main	25 mm				4400	55165 363 363 2 90 bends	25	50	75	100	60.190	4	x 1 =	4	240.760						240.760	
	9000	300	625	Top Main	25 mm			25	0	8950 363 363 2 90 bends	25	50	75	100	9.575	2	x 1 =	2	19.150						19.150	
				Bot. Main	25 mm				0	8950 363 363 2 90 bends	25	50	75	100	9.575	2	x 1 =	2	19.150						19.150	
				Top Extra	32 mm					1 90 bends 363 3140	32	64	96	128	3.439	6	x 1 =	6	20.631							20.631
				Top Extra	25 mm					90 bends 1 4025	25	50	75	100	4.025	2	x 1 =	2	8.050						8.050	
				Top Extra	32 mm					90 bends 1 3900	32	64	96	128	3.900	6	x 1 =	6	23.400							23.400
				Top Extra	32 mm					90 bends 3 6280	32	64	96	128	6.280	18	x 1 =	18	113.040							113.040
				Top	32 mm					1 90 bends 363	32	64	96	128	3.864	6	x 1 =	6	23.181							23.181

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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08 AUG 2024
Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
										3565																
				Bottom Extra	32 mm					1 90 bends 363 0 3140	32	64	96	128	3.439	2	x 1 =	2	6.877							6.877
				Bottom Extra	32 mm					1 90 bends 363 3565	32	64	96	128	3.864	2	x 1 =	2	7.727							7.727
10200	10750			Bottom Extra	32 mm					1 no.s 7480	32	64	96	128	7.480	2	x 1 =	2	14.960							14.960
1360	1615	1655	1205	Bottom Extra	32 mm					1 no.s 7520	32	64	96	128	7.520	2	x 1 =	2	15.040							15.040
				Bottom Extra	32 mm					2 no.s 7440	32	64	96	128	7.440	4	x 1 =	4	29.760							29.760
				Bottom Extra	32 mm					1 no.s 7890	32	64	96	128	7.890	2	x 1 =	2	15.780							15.780
				Bottom Extra	32 mm					1 no.s 5430	32	64	96	128	5.430	2	x 1 =	2	10.860							10.860
				Bottom Extra	32 mm					1 no.s 4210	32	64	96	128	4.210	2	x 1 =	2	8.420							8.420
				Bottom Extra	32 mm					3 no.s 6280	32	64	96	128	6.280	6	x 1 =	6	37.680							37.680
600	625	48685	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 550	12	24	36	48	2.394	438	x 1 =	438	1048.572			1048.572				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 245	12	24	36	48	1.784	438	x 1 =	438	781.392			781.392				
300	625	3400	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 250	12	24	36	48	1.794	31	x 1 =	31	55.614			55.614				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 145	12	24	36	48	1.584	31	x 1 =	31	49.104			49.104				

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

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Contractor

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Decp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of Bars					m	8	10	12	16	20	25	32
200	625	4200	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		575, 150, 144	12	24	36	48	1.594	38	x	1	=	38	60.572			60.572				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		575, 125	12	24	36	48	1.544	38	x	1	=	38	58.672			58.672				
B34	6050	200	625	Top Main	20 mm			25	0	6000, 363, 90 bends, 363	20	40	60	80	6.725	2	x	1	=	2	13.450					13.450		
			625	Bot. Main	20 mm				0	6000, 363, 90 bends, 363	20	40	60	80	6.725	2	x	1	=	2	13.450					13.450		
200	625	5650	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		96, 575, 150	8	16	24	32	1.546	44	x	1	=	44	68.024	68.024						
B35	4925	200	625	Top Main	20 mm			25	0	4875, 363, 90 bends, 363	20	40	60	80	5.600	2	x	2	=	4	22.400					22.400		
B36	2		625	Bot. Main	20 mm				0	4875, 363, 90 bends, 363	20	40	60	80	5.600	2	x	2	=	4	22.400					22.400		
200	625	4525	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		96, 575, 150	8	16	24	32	1.546	35	x	2	=	70	108.220	108.220						
B37	6000	200	625	Top Main	20 mm			25	0	5950, 363, 90 bends, 363	20	40	60	80	6.675	2	x	2	=	4	26.700					26.700		
B40	2		625	Bot. Main	20 mm				0	5950, 363, 90 bends, 363	20	40	60	80	6.675	2	x	2	=	4	26.700					26.700		
200	625	5600	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		96, 575, 150	8	16	24	32	1.546	43	x	2	=	86	132.956	132.956						
B38	5500	200	625	Top Main	20 mm			25	0	5450, 363, 90 bends, 363	20	40	60	80	6.175	2	x	2	=	4	24.700					24.700		
B39	2		625	Bot. Main	20 mm				0	5450, 363, 90 bends, 363, 96	20	40	60	80	6.175	2	x	2	=	4	24.700					24.700		

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

Contractor

5 AUG 2024

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Deep Length mm	Cover mm	Overlap	Bar Shape	Bend Deduction 45°	90°	135°	180°	Cutting Length (m)	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
200	625	5100	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		575 / 150	8	16	24	32	1.546	40	x 2 =	80	123.680	123.680						
B41	2100	200	625	Top Main	20 mm			25	0	2050; 363 / 363; 90 bends	20	40	60	80	2.775	2	x 2 =	4	11.100					11.100		
B43	2		625	Bot. Main	20 mm				0	2050; 363 / 363; 90 bends	20	40	60	80	2.775	2	x 2 =	4	11.100					11.100		
										96																
200	625	1700	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		575 / 150	8	16	24	32	1.546	12	x 2 =	24	37.104	37.104						
B42	3350	200	625	Top Main	20 mm			25	0	3300; 363 / 363; 90 bends	20	40	60	80	4.025	2	x 1 =	2	8.050					8.050		
	1		625	Bot. Main	20 mm				0	3300; 363 / 363; 90 bends	20	40	60	80	4.025	2	x 1 =	2	8.050					8.050		
200	625	2950	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		96; 575 / 150	8	16	24	32	1.546	23	x 1 =	23	35.558	35.558						
B44	36000	600	625	Top Main	25 mm			25	3300	35950; 363 / 363; 2 90 bends	25	50	75	100	39.875	4	x 1 =	4	159.500						159.500	
			625	Bot. Main	25 mm				3300	35950; 363 / 363; 2 90 bends	25	50	75	100	39.875	4	x 1 =	4	159.500						159.500	
				Top Extra	32 mm					1 90 bends; 363 / 3140	32	64	96	128	3.439	6	x 1 =	6	20.631							20.631
				Top Extra	32 mm					1 90 bends / 363; 3100	32	64	96	128	3.399	6	x 1 =	6	20.391							20.391
				Top Extra	32 mm					90 bends 2; 5310	32	64	96	128	5.310	12	x 1 =	12	63.720							63.720
				Top Extra	32 mm					90 bends 1; 5270	32	64	96	128	5.270	6	x 1 =	6	31.620							31.620
				Bottom Extra	32 mm					1 90 bends; 363 / 0; 3100; 1 90 bends	32	64	96	128	3.399	4	x 1 =	4	13.594							13.594

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

Contractor

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08 AUG 2024
Srinivasan.R

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Deep Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
				Bottom Extra	32 mm					363 3100	32	64	96	128	3.399	2	x 1 =	2	6.797							6.797
8900	8725			Bottom Extra	32 mm					2 no.s 6230	32	64	96	128	6.230	4	x 1 =	4	24.920							24.920
1335	1310			Bottom Extra	32 mm					2 no.s 6105	32	64	96	128	6.105	4	x 1 =	4	24.420							24.420
				Bottom Extra	32 mm					2 no.s 5310	32	64	96	128	5.310	4	x 1 =	4	21.240							21.240
600	625	31500	100 mm c/c	Bottom Extra	32 mm					1 no.s 5270	32	64	96	128	5.270	2	x 1 =	2	10.540							10.540
				Stirrups	12 mm	150 mm c/c		25		144 575 550	12	24	36	48	2.394	284	x 1 =	284	679.896			679.896				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 235	12	24	36	48	1.764	284	x 1 =	284	500.976			500.976				
B45	36000	230	625	Top Main	25 mm			25	2200	35950 363 90 bends 363	25	50	75	100	38.875	2	x 1 =	2	77.750						77.750	
	1		625	Bot. Main	25 mm				2200	35950 363 90 bends 363	25	50	75	100	38.875	2	x 1 =	2	77.750						77.750	
				Top Extra	20 mm					1 90 bends 2 363 2800	20	40	60	80	3.143	4	x 1 =	4	12.570					12.570		
				Top Extra	20 mm					90 bends 1 4970	20	40	60	80	4.970	2	x 1 =	2	9.940					9.940		
				Top Extra	20 mm					90 bends 2 5005	20	40	60	80	5.005	4	x 1 =	4	20.020					20.020		
8900	8725			Bottom Extra	20 mm					2 no.s 6230	20	40	60	80	6.230	4	x 1 =	4	24.920					24.920		
1335	1310			Bottom Extra	20 mm					2 no.s 6105	20	40	60	80	6.105	4	x 1 =	4	24.420					24.420		
										120																

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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0 8 AUG 2024
Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
230	625	33000	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		575 / 180	10	20	30	40	1.630	297	x 1 =	297	484.110		484.110					
B46	1800	200	625	Top Main	20 mm			25	0	1750: 363 ┌ 363 / 90 bends	20	40	60	80	2.475	2	x 3 =	6	14.850					14.850		
B47	B49	3	625	Bot. Main	20 mm				0	1750: 363 ┌ 363 / 90 bends	20	40	60	80	2.475	2	x 3 =	6	14.850					14.850		
	200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 / 575 / 150	8	16	24	32	1.546	8	x 3 =	24	37.104	37.104						
B48	2100	200	625	Top Main	20 mm			25	0	2050: 363 ┌ 363 / 1 90 bends	20	40	60	80	2.735	2	x 1 =	2	5.470					5.470		
	1		625	Bot. Main	20 mm				0	2050: 363 ┌ 363 / 1 90 bends	20	40	60	80	2.735	2	x 1 =	2	5.470					5.470		
	200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 / 575 / 150	8	16	24	32	1.546	8	x 1 =	8	12.368	12.368						
B50	36000	600	625	Top Main	25 mm			25	3300	35950: 363 ┌ 363 / 2 90 bends	25	50	75	100	39.875	4	x 2 =	8	319.000						319.000	
B58		2	625	Bot. Main	25 mm				3300	35950: 363 ┌ 363 / 2 90 bends	25	50	75	100	39.875	4	x 2 =	8	319.000						319.000	
			625	Bot. Main	32 mm				4224	35950: 363 ┌ 363 / 2 90 bends	32	64	96	128	40.771	2	x 2 =	4	163.084							163.084
				Top Extra	32 mm					1 90 bends: 363 ┐ / 12790	32	64	96	128	13.089	6	x 2 =	12	157.062							157.062
				Top Extra	32 mm					1 90 bends: ┐ 363 / 3100	32	64	96	128	3.399	6	x 2 =	12	40.782							40.782
				Top Extra	32 mm					90 bends 1: ┐ / 5310	32	64	96	128	5.310	6	x 2 =	12	63.720							63.720
				Top Extra	32 mm					90 bends 1: ┐ / 5270 / 1 no.s	32	64	96	128	5.270	6	x 2 =	12	63.240							63.240

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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Srinivasan.R

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deduction 45°	90°	135°	180°	Cutting Length (m)	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
				Bottom Extra	32 mm					5310	32	64	96	128	5.310	2	x	2	=	4	21.240							21.240
				Bottom Extra	32 mm					1 no.s 5270	32	64	96	128	5.270	2	x	2	=	4	21.080							21.080
				Bottom Extra	32 mm					1 no.s 5310	32	64	96	128	5.310	2	x	2	=	4	21.240							21.240
				Bottm Extra at ends	32 mm					1 90 bends 363 3100	32	64	96	128	3.399	4	x	2	=	8	27.188							27.188
				Bottom Extra	32 mm					2 no.s 6230	32	64	96	128	6.230	4	x	2	=	8	49.840							49.840
				Bottom Extra	32 mm					2 no.s 6105	32	64	96	128	6.105	4	x	2	=	8	48.840							48.840
600	625	7930	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 550	12	24	36	48	2.394	71	x	2	=	142	339.948			339.948				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 215	12	24	36	48	1.724	71	x	2	=	142	244.808			244.808				
450	625	23590	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 400	12	24	36	48	2.094	213	x	2	=	426	892.044			892.044				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 185	12	24	36	48	1.664	213	x	2	=	426	708.864			708.864				
B51	4000	450	625	Top Main	25 mm			25	0	3950 363 363 2 90 bends	25	50	75	100	4.575	3	x	1	=	3	13.725						13.725	
			625	Bot. Main	25 mm				0	3950 363 363 2 90 bends	25	50	75	100	4.575	3	x	1	=	3	13.725						13.725	
				Top Extra	32 mm					1 90 bends 363 1115	32	64	96	128	1.414	3	x	1	=	3	4.241							4.241
				Top Extra	32 mm					1 90 bends 363 1215	32	64	96	128	1.514	2	x	1	=	2	3.027							3.027

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

Contractor

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08 AUG 2024
Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of Bars					m	8	10	12	16	20	25	32
				Bottom Extra	32 mm					1 90 bends 363 0 1115	32	64	96	128	1.414	3	x	1	=	3	4.241							4.241
				Bottom Extra	32 mm					1 90 bends 363 1215	32	64	96	128	1.514	2	x	1	=	2	3.027							3.027
450	625	3500	100 mm c/c	Stirrups	10 mm	100 mm c/c		25		120 575 400	10	20	30	40	2.070	36	x	1	=	36	74.520		74.520					
B52	1400	200	625	Top Main	20 mm			25	0	1350 363 363 1 90 bends	20	40	60	80	2.035	2	x	1	=	2	4.070					4.070		
	1		625	Bot. Main	20 mm				0	1350 363 363 1 90 bends	20	40	60	80	2.035	2	x	1	=	2	4.070					4.070		
200	625	1000	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 575 150	8	16	24	32	1.546	9	x	1	=	9	13.914	13.914						
B53	1800	200	625	Top Main	20 mm			25	0	1750 363 363 1 90 bends	20	40	60	80	2.435	2	x	1	=	2	4.870					4.870		
	1		625	Bot. Main	20 mm				0	1750 363 363 1 90 bends	20	40	60	80	2.435	2	x	1	=	2	4.870					4.870		
200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 575 150	8	16	24	32	1.546	8	x	1	=	8	12.368	12.368						
B54	26890	230	625	Top Main	25 mm			25	2200	26840 363 363 90 bends	25	50	75	100	29.765	2	x	1	=	2	59.530						59.530	
	1		625	Bot. Main	25 mm				2200	26840 363 363 90 bends	25	50	75	100	29.765	2	x	1	=	2	59.530						59.530	
				Top Extra	20 mm					90 bends 1 363 2755	20	40	60	80	3.118	2	x	1	=	2	6.235					6.235		
				Top Extra	20 mm					90 bends 1 4960	20	40	60	80	4.960	2	x	1	=	2	9.920					9.920		
				Top Extra	20 mm					90 bends 1 5005	20	40	60	80	5.005	2	x	1	=	2	10.010						10.010	

For M/s. SIMHAA CONSTRUCTIONS
(RAN RAJU)
Managing Partner

Contractor

5 AUG 2024

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Derp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
				Top Extra	20 mm					90 bends 1 363 2800	20	40	60	80	3.163	2	x	1	=	2	6.325					6.325		
8900	8725			Bottom Extra	20 mm					1 no.s 6230	20	40	60	80	6.230	2	x	1	=	2	12.460					12.460		
1335	1310			Bottom Extra	20 mm					2 no.s 6105	20	40	60	80	6.105	4	x	1	=	4	24.420					24.420		
230	625	24490	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120 575 180	10	20	30	40	1.630	221	x	1	=	221	360.230		360.230					
B55	1410	200	625	Top Main	20 mm			25	0	1360 363 363 90 bends	20	40	60	80	2.085	2	x	1	=	2	4.170					4.170		
	1		625	Bot. Main	20 mm				0	1360 363 363 90 bends	20	40	60	80	2.085	2	x	1	=	2	4.170					4.170		
200	625	1010	125 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 575 150	8	16	24	32	1.546	9	x	1	=	9	13.914	13.914						
B56	1800	200	625	Top Main	20 mm			25	0	1750 363 363 90 bends	20	40	60	80	2.475	2	x	1	=	2	4.950					4.950		
	1		625	Bot. Main	20 mm				0	1750 363 363 90 bends	20	40	60	80	2.475	2	x	1	=	2	4.950					4.950		
200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 575 150	8	16	24	32	1.546	8	x	1	=	8	12.368	12.368						
B57	4000	300	625	Top Main	25 mm			25	0	3950 363 0 1 90 bends	25	50	75	100	4.263	3	x	1	=	3	12.788						12.788	
	1		625	Bot. Main	25 mm				0	3950 363 0 1 90 bends	25	50	75	100	4.263	3	x	1	=	3	12.788						12.788	
				Top Extra	32 mm					1 90 bends 363 3260 1 90 bends	32	64	96	128	3.559	2	x	1	=	2	7.117							7.117
				Bottom Extra	25 mm					363 0 1115	25	50	75	100	1.428	2	x	1	=	2	2.855						2.855	

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

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Srinivasan.R
Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

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°	(m)	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32
300	625	3500	100 mm c/c	Stirrups	10 mm	100 mm c/c		25		120 / 575 / 250	10	20	30	40	1.770	36	x 1 =		36	63.720		63.720					
B59	1800	200	625	Top Main	20 mm			25	0	1750 / 363 / 363 / 90 bends	20	40	60	80	2.476	2	x 2 =		4	9.904					9.904		
B60	2		625	Bot. Main	20 mm				0	1750 / 363 / 363 / 90 bends	20	40	60	80	2.476	2	x 2 =		4	9.904					9.904		
										96																	
200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		575 / 150	8	16	24	32	1.546	8	x 2 =		16	24.736	24.736						
B61	36000	230	625	Top Main	25 mm			25	3300	35950 / 363 / 363 / 90 bends	25	50	75	100	39.976	2	x 1 =		2	79.952						79.952	
	1		625	Bot. Main	25 mm				3300	35950 / 363 / 363 / 90 bends	25	50	75	100	39.976	2	x 1 =		2	79.952						79.952	
				Top Extra	20 mm					1 / 90 bends / 2 / 363 / 2800	20	40	60	80	3.143	2	x 1 =		2	6.286					6.286		
				Top Extra	20 mm					90 bends 1 / 4970 / 90 bends 2	20	40	60	80	4.970	2	x 1 =		2	9.940					9.940		
				Top Extra	32 mm					5010	32	64	96	128	5.010	2	x 1 =		2	10.020							10.020
				Top Extra	32 mm					90 bends 2 / 4970 / 1 / 90 bends 2	32	64	96	128	4.970	2	x 1 =		2	9.940							9.940
				Top Extra	20 mm					363 / 2825	20	40	60	80	3.168	2	x 1 =		2	6.336					6.336		
8900	8725			Bottom Extra	20 mm					2 no.s / 6230	20	40	60	80	6.230	4	x 1 =		4	24.920					24.920		
1335	1310			Bottom Extra	20 mm					2 no.s / 6105	20	40	60	80	6.105	4	x 1 =		4	24.420					24.420		
230	625	33000	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120 / 575 / 180	10	20	30	40	1.630	297	x 1 =		297	484.110		484.110					

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Deep Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
B62	1800	200	625	Top Main	20 mm			25	0	1750; 363 ⌐ ¬ 363; 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		
B63	2		625	Bot. Main	20 mm				0	1750; 363 ⌊ ⌋ 363; 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		
200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96; 150 × 575	8	16	24	32	1.546	8	x	2	=	16	24.736	24.736						
B64	36000	450	625	Top Main	25 mm			25	3300	35950; 363 ⌐ ¬ 363; 2 90 bends	25	50	75	100	39.875	4	x	1	=	4	159.500						159.500	
			625	Bot. Main	25 mm				3300	35950; 363 ⌊ ⌋ 363; 2 90 bends	25	50	75	100	39.875	4	x	1	=	4	159.500						159.500	
				Top Extra	32 mm					1 90 bends; 363 ⌐; 3100	32	64	96	128	3.399	6	x	1	=	6	20.391							20.391
				Top Extra	32 mm					1 90 bends; ⌐ 363; 3100	32	64	96	128	3.399	6	x	1	=	6	20.391							20.391
				Top Extra	32 mm					90 bends 2; 5310	32	64	96	128	5.310	12	x	1	=	12	63.720							63.720
				Top Extra	32 mm					90 bends 1; 5270	32	64	96	128	5.270	6	x	1	=	6	31.620							31.620
				Bottom Extra	32 mm					1 90 bends; 363 ⌊ 0; 3100	32	64	96	128	3.399	2	x	1	=	2	6.797							6.797
				Bottom Extra	20 mm					1 90 bends; ⌋ 363; 3100	20	40	60	80	3.423	2	x	1	=	2	6.845					6.845		
8900	8725			Bottom Extra	32 mm					2 no.s; 6230	32	64	96	128	6.230	4	x	1	=	4	24.920							24.920
1335	1310			Bottom Extra	32 mm					2 no.s; 6105	32	64	96	128	6.105	4	x	1	=	4	24.420							24.420
				Bottom Extra	20 mm					2 no.s; 5310; 1 no.s	20	40	60	80	5.310	4	x	1	=	4	21.240					21.240		

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

Contractor

5 AUG 2024

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0 8 AUG 2024
Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Deep Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
				Bottom Extra	20 mm					5270	20	40	60	80	5.270	2	x 1 =	2	10.540					10.540		
450	625	31500	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 / 575 / 400	12	24	36	48	2.094	284	x 1 =	284	594.696			594.696				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 / 575 / 185	12	24	36	48	1.664	284	x 1 =	284	472.576			472.576				
B65	1800	200	625	Top Main	20 mm			25	0	1750; 363 / 90 bends / 363	20	40	60	80	2.476	2	x 2 =	4	9.904					9.904		
B66	2		625	Bot. Main	20 mm				0	1750; 363 / 90 bends / 363	20	40	60	80	2.476	2	x 2 =	4	9.904					9.904		
200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 / 575 / 150	8	16	24	32	1.546	8	x 2 =	16	24.736	24.736						
B67	26950	230	625	Top Main	25 mm			25	2200	26900; 363 / 90 bends / 363	25	50	75	100	29.826	2	x 1 =	2	59.652						59.652	
	1		625	Bot. Main	25 mm				2200	26900; 363 / 90 bends / 363	25	50	75	100	29.826	2	x 1 =	2	59.652						59.652	
				Top Extra	20 mm					90 bends 2; 363 / 90 bends / 2800	20	40	60	80	3.163	2	x 1 =	2	6.326					6.326		
				Top Extra	20 mm					90 bends 1; 4970	20	40	60	80	4.970	2	x 1 =	2	9.940					9.940		
				Top Extra	20 mm					90 bends 2; 5010	20	40	60	80	5.010	2	x 1 =	2	10.020					10.020		
				Top Extra	20 mm					90 bends 2; 363 / 2785	20	40	60	80	3.148	2	x 1 =	2	6.296					6.296		
8900	8725			Bottom Extra	20 mm					1 no.s; 6230	20	40	60	80	6.230	2	x 1 =	2	12.460					12.460		
1335	1310			Bottom Extra	20 mm					2 no.s; 6105	20	40	60	80	6.105	4	x 1 =	4	24.420					24.420		
										120																

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

Contractor

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0 8 AUG 2024
Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of Bars					m	8	10	12	16	20	25	32
230	625	23950	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		575 / 180	10	20	30	40	1.630	215	x	1	–	215	350.450		350.450					
B68	1800	200	625	Top Main	20 mm			25	0	1750 / 363 / 363 / 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		
B69	2		625	Bot. Main	20 mm				0	1750 / 363 / 363 / 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		
	200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 / 575 / 150	8	16	24	32	1.546	8	x	2	=	16	24.736	24.736						
B70	9730	300	625	Top Main	25 mm			25	0	9680 / 363 / 363 / 90 bends	25	50	75	100	10.406	2	x	1	–	2	20.812						20.812	
	1		625	Bot. Main	25 mm				0	9680 / 363 / 363 / 90 bends	25	50	75	100	10.406	2	x	1	–	2	20.812						20.812	
				Top Extra	20 mm					90 bends 1 / 1820 / 90 bends 1	20	40	60	80	1.820	2	x	1	=	2	3.640					3.640		
				Top Extra	20 mm					1760	20	40	60	80	1.760	2	x	1	=	2	3.520					3.520		
8900	1335			Bottom Extra	20 mm					1 no.s / 6230	20	40	60	80	6.230	2	x	1	=	2	12.460					12.460		
300	625	8530	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120 / 575 / 250	10	20	30	40	1.770	77	x	1	=	77	136.290		136.290					
B71	36000	450	625	Top Main	25 mm			25	2200	35950 / 363 / 363 / 2 90 bends	25	50	75	100	38.775	4	x	1	=	4	155.100						155.100	
			625	Bot. Main	25 mm				2200	35950 / 363 / 363 / 2 90 bends	25	50	75	100	38.775	4	x	1	–	4	155.100						155.100	
				Top Extra	32 mm					1 90 bends / 363 / 3100	32	64	96	128	3.399	6	x	1	–	6	20.391							20.391
				Top Extra	32 mm					1 90 bends / 363 / 11810 / 90 bends 1	32	64	96	128	12.109	6	x	1	=	6	72.651							72.651

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

Contractor

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deduction 45°	90°	135°	180°	Cutting Length (m)	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
				Top Extra	32 mm					5310	32	64	96	128	5.310	6	x	1	=	6	31.860							31.860
				Top Extra	32 mm					1 90 bends 1 5270	32	64	96	128	5.270	6	x	1	=	6	31.620							31.620
				Bottom Extra	25 mm					1 90 bends 363 0 3100	25	50	75	100	3.413	2	x	1	=	2	6.825						6.825	
				Bottom Extra	32 mm					1 90 bends 363 11810	32	64	96	128	12.109	2	x	1	=	2	24.217							24.217
8900	8725			Bottom Extra	32 mm					1 no.s 6230	32	64	96	128	6.230	4	x	1	=	4	24.920							24.920
1335	1310			Bottom Extra	32 mm					2 no.s 6105	32	64	96	128	6.105	8	x	1	=	8	48.840							48.840
				Bottom Extra	25 mm					1 no.s 5310	25	50	75	100	5.310	2	x	1	=	2	10.620						10.620	
				Bottom Extra	25 mm					1 no.s 5270	25	50	75	100	5.270	2	x	1	=	2	10.540						10.540	
450	625	31200	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 400	12	24	36	48	2.094	281	x	1	=	281	588.414			588.414				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 575 185	12	24	36	48	1.664	281	x	1	=	281	467.584			467.584				
B72	1800	200	625	Top Main	20 mm			25	0	1750 363 363 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		
B73	2		625	Bot. Main	20 mm				0	1750 363 363 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		
200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 575 150	8	16	24	32	1.546	8	x	2	=	16	24.736	24.736						
B74	1450	200	625	Top Main	20 mm			25	0	1400 363 363 1 90 bends 1400	20	40	60	80	2.086	2	x	1	=	2	4.171					4.171		

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

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Contractor

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08 AUG 2024
Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail / Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deduction 45°	90°	135°	180°	Cutting Length (m)	No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
	1		625	Bot. Main	20 mm				0	363 — 363; 1 90 bends	20	40	60	80	2.086	2	x 1 =	2	4.171					4.171		
				Bottom Extra	16 mm					1 90 bends; 363 — 575 — 363	16	32	48	64	0.906	2	x 1 =	2	1.811				1.811			
200	625	850	100 mm c/c	Stirrups	10 mm	100 mm c/c		25		120; 575; 150	10	20	30	40	1.570	10	x 1 =	10	15.700		15.700					
B75	7000	200	300	Top Main	25 mm			25	0	6950; 363 — 363; 90 bends	25	50	75	100	7.676	4	x 1 =	4	30.704						30.704	
	1			Bot. Main	25 mm				0	6950; 363 — 363; 90 bends	25	50	75	100	7.676	4	x 1 =	4	30.704						30.704	
200	300	6250	100 mm c/c	Stirrups	10 mm	100 mm c/c		25		120; 250; 150	10	20	30	40	0.920	64	x 1 =	64	58.880		58.880					
B76	26810	230	625	Top Main	25 mm			25	2200	26760; 0 — 0; 90 bends	25	50	75	100	28.960	2	x 1 =	2	57.920						57.920	
	1		625	Bot. Main	25 mm				2200	26760; 0 — 0; 90 bends	25	50	75	100	28.960	2	x 1 =	2	57.920						57.920	
				Top Extra	20 mm					90 bends; 1; 363 — 2800	20	40	60	80	3.163	2	x 1 =	2	6.326					6.326		
				Top Extra	20 mm					90 bends; 1; 5010	20	40	60	80	5.010	2	x 1 =	2	10.020					10.020		
				Top Extra	20 mm					90 bends; 1; 4930	20	40	60	80	4.930	2	x 1 =	2	9.860					9.860		
				Top Extra	20 mm					90 bends; 1; 363 — 2570	20	40	60	80	2.933	2	x 1 =	2	5.866					5.866		
8900	1335			Bottom Extra	20 mm					1 no.s; 6230	20	40	60	80	6.230	2	x 1 =	2	12.460					12.460		
8725	1310			Bottom Extra	20 mm					1 no.s; 6105; 1 no.s	20	40	60	80	6.105	2	x 1 =	2	12.210					12.210		

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner

Contractor

5 AUG 2024

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08 AUG 2024
Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
8575	1290			Bottom Extra	20 mm					5995	20	40	60	80	5.995	2	x	1	=	2	11.990					11.990		
230	625	24560	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120 / 575 / 180	10	20	30	40	1.630	221	x	1	=	221	360.230		360.230					
B77	1800	200	625	Top Main	20 mm			25	0	1750; 363 / 363; 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		
B78	2		625	Bot. Main	20 mm				0	1750; 363 / 363; 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		
200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 / 575 / 150	8	16	24	32	1.546	8	x	2	=	16	24.736	24.736						
B79	6990	450	625	Top Main	32 mm			25	0	6940; 363 / 363; 90 bends	32	64	96	128	7.665	4	x	1	=	4	30.660							30.660
	1			Bot. Main	32 mm				0	6940; 363 / 363; 90 bends	32	64	96	128	7.665	4	x	1	=	4	30.660							30.660
450	625	6240	100 mm c/c	Stirrups	12 mm	100 mm c/c		25		144 / 575 / 400	12	24	36	48	2.094	63	x	1	=	63	131.922			131.922				
			100 mm c/c	Stirrups	12 mm	100 mm c/c		25		144 / 575 / 195	12	24	36	48	1.684	63	x	1	=	63	106.092			106.092				
B81	36000	450	625	Top Main	25 mm			25	3300	35950; 363 / 363; 2 90 bends	25	50	75	100	39.875	4	x	1	=	4	159.500						159.500	
	1	600		Bot. Main	25 mm				3300	35950; 363 / 363; 2 90 bends	25	50	75	100	39.875	4	x	1	=	4	159.500						159.500	
				Top Extra	32 mm					1 90 bends; 363 / 3100	32	64	96	128	3.399	6	x	1	=	6	20.391							20.391
				Top Extra	32 mm					1 90 bends; 363 / 5555	32	64	96	128	5.854	6	x	1	=	6	35.121							35.121
				Top Extra	32 mm					90 bends 1 / 5310	32	64	96	128	5.310	6	x	1	=	6	31.860							31.860

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

Contractor

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

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°	(m)	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32
				Top Extra	32 mm					90 bends 1 / 5270	32	64	96	128	5.270	6	x 1 =		6	31.620							31.620
				Top Extra	32 mm					90 bends 1 / 4705	32	64	96	128	4.705	6	x 1 =		6	28.230							28.230
				Bottom Extra	25 mm					1 90 bends 363 0 / 3100	25	50	75	100	3.413	2	x 1 =		2	6.825						6.825	
				Bottom Extra	32 mm					1 90 bends 363 / 5555	32	64	96	128	5.854	4	x 1 =		4	23.414							23.414
8900	1335			Bottom Extra	32 mm					1 no.s / 6230	32	64	96	128	6.230	4	x 1 =		4	24.920							24.920
8725	1310			Bottom Extra	32 mm					1 no.s / 6105	32	64	96	128	6.105	4	x 1 =		4	24.420							24.420
8575	1290			Bottom Extra	32 mm					1 no.s / 5995	32	64	96	128	5.995	4	x 1 =		4	23.980							23.980
6475	975			Bottom Extra	32 mm					1 no.s / 4525	32	64	96	128	4.525	2	x 1 =		2	9.050							9.050
				Bottom Extra	25 mm					1 no.s / 5310	25	50	75	100	5.310	2	x 1 =		2	10.620						10.620	
				Bottom Extra	25 mm					1 no.s / 5270	25	50	75	100	5.270	2	x 1 =		2	10.540						10.540	
				Bottom Extra	32 mm					1 no.s / 4705	32	64	96	128	4.705	4	x 1 =		4	18.820							18.820
450	625	23590	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 / 575 / 400	12	24	36	48	2.094	213	x 1 =		213	446.022			446.022				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 / 575 / 195	12	24	36	48	1.684	213	x 1 =		213	358.692			358.692				
600	625	6750	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 / 575 / 550	12	24	36	48	2.394	61	x 1 =		61	146.034			146.034				

For M/s. SIMHAA CONSTRUCTIONS

Contractor

KAN RAJU
Managing Partner

5 AUG 2024

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Srinivasan.R

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Desp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of Bars	No. of Members				m	8	10	12	16	20	25	32
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 / 575 / 260	12	24	36	48	1.814	61	x	1	=	61	110.654			110.654				
B82	1800	200	625	Top Main	20 mm			25	0	1750 / 363 / 363 / 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		
B83	2		625	Bot. Main	20 mm				0	1750 / 363 / 363 / 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		
	200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25	96 / 575 / 150	8	16	24	32	1.546	8	x	2	=	16	24.736	24.736						
B84	36000	230	625	Top Main	25 mm			25	3300	35950 / 363 / 363 / 90 bends	25	50	75	100	39.976	2	x	1	=	2	79.952						79.952	
	1		625	Bot. Main	25 mm				3300	35950 / 363 / 363 / 90 bends	25	50	75	100	39.976	2	x	1	=	2	79.952						79.952	
				Top Extra	20 mm					90 bends 1 / 363 / 2800	20	40	60	80	3.163	2	x	1	=	2	6.326					6.326		
				Top Extra	20 mm					90 bends 1 / 5010	20	40	60	80	5.010	2	x	1	=	2	10.020					10.020		
				Top Extra	20 mm					90 bends 2 / 4930	20	40	60	80	4.930	4	x	1	=	4	19.720					19.720		
				Top Extra	20 mm					90 bends 1 / 363 / 2720 / 2 no.s	20	40	60	80	3.083	2	x	1	=	2	6.166					6.166		
8900	1335			Bottom Extra	20 mm					6230	20	40	60	80	6.230	4	x	1	=	4	24.920					24.920		
8725	1310			Bottom Extra	20 mm					2 no.s / 6105 / 120	20	40	60	80	6.105	4	x	1	=	4	24.420					24.420		
230	625	33000	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		575 / 180	10	20	30	40	1.630	297	x	1	=	297	484.110		484.110					
B85	1800	200	625	Top Main	20 mm			25	0	1750 / 363 / 363 / 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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08 AUG 2024
Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Drop Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of Bars					m	8	10	12	16	20	25	32
B86	2		625	Bot. Main	20 mm				0	1750; 363 ⌊ 363; 90 bends	20	40	60	80	2.476	2	x	2	=	4	9.904					9.904		
200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96; 575; 150	8	16	24	32	1.546	8	x	2	=	16	24.736	24.736						
B87	36000	600	625	Top Main	25 mm			25	3300	35950; 363 ⌊ 363; 2 90 bends	25	50	75	100	39.875	4	x	1	=	4	159.500						159.500	
	1			Bot. Main	25 mm				3300	35950; 363 ⌊ 363; 2 90 bends	25	50	75	100	39.875	4	x	1	=	4	159.500						159.500	
				Top Extra	32 mm					1 90 bends; 363; 3100	32	64	96	128	3.399	6	x	1	=	6	20.391							20.391
				Top Extra	32 mm					1 90 bends; ⌊ 363; 3100	32	64	96	128	3.399	6	x	1	=	6	20.391							20.391
				Top Extra	32 mm					90 bends 2; 5310	32	64	96	128	5.310	12	x	1	=	12	63.720							63.720
				Top Extra	32 mm					90 bends 1; 5270	32	64	96	128	5.270	6	x	1	=	6	31.620							31.620
				Bottom Extra	32 mm					1 90 bends; 363 ⌊ 0; 3100	32	64	96	128	3.399	2	x	1	=	2	6.797							6.797
				Bottom Extra	32 mm					1 90 bends; ⌊ 363; 3100	32	64	96	128	3.399	4	x	1	=	4	13.594							13.594
8900	1335			Bottom Extra	32 mm					2 no.s; 6230	32	64	96	128	6.230	4	x	1	=	4	24.920							24.920
8725	1310			Bottom Extra	32 mm					2 no.s; 6105	32	64	96	128	6.105	4	x	1	=	4	24.420							24.420
				Bottom Extra	32 mm					1 no.s; 5270	32	64	96	128	5.270	2	x	1	=	2	10.540							10.540
				Bottom Extra	32 mm					2 no.s; 5310; 144	32	64	96	128	5.310	4	x	1	=	4	21.240							21.240

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

Contractor

5 AUG 2024

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Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
600	625	31500	100 mm c/c	Stirrups	12 mm	150 mm c/c		25		575	12	24	36	48	2.394	284	x 1 =	284	679.896			679.896				
			100 mm c/c	Stirrups	12 mm	150 mm c/c		25		144 / 550 / 575 / 235	12	24	36	48	1.764	284	x 1 =	284	500.976			500.976				
B88	2100	200	625	Top Main	20 mm			25	0	363 / 2050 / 363 / 90 bends	20	40	60	80	2.776	2	x 1 =	2	5.552					5.552		
	1			Bot. Main	20 mm				0	363 / 2050 / 363 / 90 bends	20	40	60	80	2.776	2	x 1 =	2	5.552					5.552		
200	625	1000	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 / 575 / 150	8	16	24	32	1.546	8	x 1 =	8	12.368	12.368						
B89	2750	200	625	Top Main	20 mm			25	0	363 / 2700 / 363 / 90 bends	20	40	60	80	3.426	2	x 2 =	4	13.704					13.704		
B91	2		625	Bot. Main	20 mm				0	363 / 2700 / 363 / 90 bends	20	40	60	80	3.426	2	x 2 =	4	13.704					13.704		
200	625	2350	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 / 575 / 150	8	16	24	32	1.546	17	x 2 =	34	52.564	52.564						
B90	3000	200	625	Top Main	20 mm			25	0	363 / 2950 / 363 / 90 bends	20	40	60	80	3.676	2	x 1 =	2	7.352					7.352		
	1			Bot. Main	20 mm				0	363 / 2950 / 363 / 90 bends	20	40	60	80	3.676	2	x 1 =	2	7.352					7.352		
200	625	2600	150 mm c/c	Stirrups	8 mm	150 mm c/c		25		96 / 575 / 150	8	16	24	32	1.546	18	x 1 =	18	27.828	27.828						
B93	9740	300	625	Top Main	25 mm			25	0	363 / 9690 / 363 / 90 bends	25	50	75	100	10.416	2	x 1 =	2	20.832						20.832	
	1		625	Bot. Main	25 mm				0	363 / 9690 / 363 / 90 bends	25	50	75	100	10.416	2	x 1 =	2	20.832						20.832	
				Top	25 mm					363 / 90 bends / 1	25	50	75	100	2.558	2	x 1 =	2	5.116						5.116	

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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08 AUG 2024
Srinivasan.R
Project Manager

Project Manager

BBS SCHEDULE-Typical Beam (All dimension are in mm)-Typical RB-1

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Deep Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
										2195																
				Top Extra	25 mm					90 bends 1	25	50	75	100	1.548	2	x 1 =	2	3.096						3.096	
										363 1185																
6475	975			Bottom Extra	25 mm					1 no.s	25	50	75	100	4.525	2	x 1 =	2	9.050						9.050	
										4525																
300	625	7940	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		120 575 250	10	20	30	40	1.770	72	x 1 =	72	127.440		127.440					
										7020																
B94	7070	300	625	Top Main	20 mm			25	0	363 363	20	40	60	80	7.746	2	x 1 =	2	15.492					15.492		
										90 bends																
	1		625	Bot. Main	20 mm				0	7020 363 363	20	40	60	80	7.746	2	x 1 =	2	15.492					15.492		
										90 bends																
										120																
300	625	5870	100 mm c/c	Stirrups	10 mm	150 mm c/c		25		575 250	10	20	30	40	1.770	53	x 1 =	53	93.810		93.810					
																	Total Length			1391.400	6563.050	18572.128	1.811	1797.669	7364.207	4115.672
																	Unit Weight In (Kg)			0.395	0.617	0.888	1.579	2.467	3.855	6.316
																	Total Weight In (KG)			549.603	4049.402	16492.050	2.860	4434.849	28389.016	25994.584
																	Total Weight In (TON)			0.550	4.049	16.492	0.003	4.435	28.389	25.995
																						Total	79.913			

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

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0 8 AUG 2024
Srinivasan.R
Project Manager

Slab reinforcement BBS

S.No	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 (X) (mm)	B (Y) (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	m	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32
1	A - B 1 - 2 S1	9905	9125	175	Cranked bar_X	10 mm	250		20		4 Cranks 10690	10	20	30	40	10.610	34	x 1 =		34	360.740		360.740					
	600	230		600	Plain Bar	10 mm					10465					10.465	33	x 1 =		33	345.345		345.345					
	X C/C	5065		4840	Extra bars_X	10 mm					6305					6.305	21	x 1 =		21	132.405		132.405					
	600	230		600	Supporting bars_Y	10 mm	125				9405					9.405	50	x 1 =		50	470.250		470.250					
	Y C/C	4560		4565	Cranked bar @ Y	10 mm	250		20		4 Cranks 9630	10				9.550	37	x 1 =		37	353.350		353.350					
	X for no.s	4650		4425	Plain Bar	10 mm					9405					9.405	36	x 1 =		36	338.580		338.580					
	y for no.s	4145		4150	Extra bars @ Y	10 mm					6775					6.775	12	x 1 =		12	81.300		81.300					
					Supporting bars @ X	10 mm	125				10465					10.465	45	x 1 =		45	470.925		470.925					
2	B - C 1 - 2 S1	10050	8720	175	Cranked bar_X	10 mm	250		20		4 Cranks 10555	10	20	30	40	10.475	33	x 1 =		33	345.675		345.675					
	600	230		450	Plain Bar	10 mm					10330					10.330	32	x 1 =		32	330.560		330.560					
	X C/C	5060		4990	Extra bars_X	10 mm					6060					6.060	18	x 1 =		18	109.080		109.080					
	600	230		600	Supporting bars_Y	10 mm	125				8720					8.720	50	x 1 =		50	436.000		436.000					
	Y C/C	4210		4510	Cranked bar @ Y	10 mm	250		20		4 Cranks 8945	10				8.865	38	x 1 =		38	336.870		336.870					
	X for no.s	4645		4650	Plain Bar	10 mm					8720					8.720	37	x 1 =		37	322.640		322.640					

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

15 AUG 2024

Contractor

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08 AUG 2024
Srinivasan.R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia: mm	Spacing Of Bar	Bend/ Devp Length: mm	Cover: mm	Overlap	Bar Shape	Bend Deductions: 45°	90°	135°	180°	Cutting Length: m	No. of Bars	No. of Members			Total Nos.	Total Length: m	Total Length with Dia. (m): 8	10	12	16	20	25	32
	y for no.s	3795		4095	Extra bars @ Y	10 mm					6785					6.785	12	x	1	=	12	81.420		81.420					
					Supporting bars @ X	10 mm	125				10330					10.330	43	x	1	=	43	444.190		444.190					
3	C - D 1 - 2 SI	10050	8429	175	Cranked bar_X	10 mm	250		20		4 Cranks 10555	10	20	30	40	10.475	31	x	1	=	31	324.725		324.725					
	600	230		450	Plain Bar	10 mm					10330					10.330	30	x	1	=	30	309.900		309.900					
	X C/C	5060		4990	Extra bars_X	10 mm					5880					5.880	18	x	1	=	18	105.840		105.840					
	600	230		600	Supporting bars_Y	10 mm	125				8420					8.420	50	x	1	=	50	421.000		421.000					
	Y C/C	4060		4360	Cranked bar @ Y	10 mm	250		20		4 Cranks 8645	10				8.565	38	x	1	=	38	325.470		325.470					
	X for no.s	4645		4650	Plain Bar	10 mm					8420					8.420	37	x	1	=	37	311.540		311.540					
	y for no.s	3645		3945	Extra bars @ Y	10 mm					6785					6.785	11	x	1	=	11	74.635		74.635					
					Supporting bars @ X	10 mm	125				10330					10.330	41	x	1	=	41	423.530		423.530					
4	D- E 1 - 2 SI	10050	9130	175	Cranked bar_X	10 mm	250		20		4 Cranks 10555	10	20	30	40	10.475	34	x	1	=	34	356.150		356.150					
	600	230		450	Plain Bar	10 mm					10330					10.330	33	x	1	=	33	340.890		340.890					
	X C/C	5060		4990	Extra bars_X	10 mm					6310					6.310	18	x	1	=	18	113.580		113.580					
	600	230		600	Supporting bars_Y	10 mm	125				9130					9.130	50	x	1	=	50	456.500		456.500					

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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0 8 AUG 2024
Srinivasan.R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	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 (X) (mm)	B (Y) (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	m	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32
	Y C/C	4565		4565	Cranked bar @ Y	10 mm	250		20		4 Cranks 9355	10				9.275	38	x	1	= 38	352.450		352.450					

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

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Srinivasan.R
Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
	X for no.s	4645		4650	Plain Bar	10 mm					9130					9.130	37	x 1 =	37	337.810		337.810					
	y for no.s	4150		4150	Extra bars @ Y	10 mm					6785					6.785	12	x 1 =	12	81.420		81.420					
5	A.1- A.2 2.1 - 2.3 S1	3880	4100	175	Supporting bars @ X	10 mm	125				10330					10.330	45	x 1 =	45	464.850		464.850					
					Cranked bar_X	10 mm	250		20		2 Cranks 4325	10	20	30	40	4.285	16	x 1 =	16	68.560		68.560					
	450	300			Plain Bar	10 mm					4215					4.215	15	x 1 =	15	63.225		63.225					
	X C/C	3880			Extra bars_X	10 mm					2860					2.860	7	x 1 =	7	20.020		20.020					
	200	300			Supporting bars_Y	10 mm	125				4180					4.180	21	x 1 =	21	87.780		87.780					
	Y C/C	4100			Cranked bar @ Y	10 mm	250		20		2 Cranks 4290	10				4.250	15	x 1 =	15	63.750		63.750					
	X for no.s	3505			Plain Bar	10 mm					4180					4.180	14	x 1 =	14	58.520		58.520					
	y for no.s	3850			Extra bars @ Y	10 mm					2855					2.855	7	x 1 =	7	19.985		19.985					
					Supporting bars @ X	10 mm	125				4215					4.215	21	x 1 =	21	88.515		88.515					
6	A.2- B 2 - 3 S1	9350	2375	175	Cranked bar_X	10 mm	250		20		2 Cranks 9460	10	20	30	40	9.420	9	x 1 =	9	84.780		84.780					
	600	600			Plain Bar	10 mm					9350					9.350	8	x 1 =	8	74.800		74.800					
	X C/C	9350			Extra bars_X	10 mm					2175					2.175	17	x 1 =	17	36.975		36.975					

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

Contractor

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Srinivasan.R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	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 (X) (mm)	B (Y) (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	m	No. of Bars	No. of Members		Total Nos.	m	8	10	12	16	20	25	32
	300	600			Supporting bars_Y	10 mm	125				2505					2.505	47	x	1	= 47	117.735		117.735					

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

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Srinivasan.R
Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
	Y C/C	2375			Cranked bar @ Y	10 mm	250		20		2 Cranks 2615	10				2.575	36	x 1 =	36	92.700		92.700					
	X for no.s	8750			Plain Bar	10 mm					2505					2.505	35	x 1 =	35	87.675		87.675					
	y for no.s	1925			Extra bars @ Y	10 mm					6510					6.510	3	x 1 =	3	19.530		19.530					
					Supporting bars @ X	10 mm	125				9350					9.350	12	x 1 =	12	112.200		112.200					
7	B - C 2 - 3 SI	9050	8725	175	Cranked bar_X	10 mm	250		20		4 Cranks 9275	10	20	30	40	9.195	33	x 1 =	33	303.435		303.435					
	450	230		450	Plain Bar	10 mm					9050					9.050	32	x 1 =	32	289.600		289.600					
	X C/C	6235		2815	Extra bars_X	10 mm					6065					6.065	16	x 1 =	16	97.040		97.040					
	600	230		600	Supporting bars_Y	10 mm	125				8725					8.725	45	x 1 =	45	392.625		392.625					
	Y C/C	4715		4010	Cranked bar @ Y	10 mm	250		20		4 Cranks 8950	10				8.870	34	x 1 =	34	301.580		301.580					
	X for no.s	5895		2475	Plain Bar	10 mm					8725					8.725	33	x 1 =	33	287.925		287.925					
	y for no.s	4300		3595	Extra bars @ Y	10 mm					6110					6.110	12	x 1 =	12	73.320		73.320					
					Supporting bars @ X	10 mm	125				9050					9.050	43	x 1 =	43	389.150		389.150					
8	C - D 2 - 3 SI	9050	8420	175	Cranked bar_X	10 mm	250		20		4 Cranks 9275	10	20	30	40	9.195	31	x 1 =	31	285.045		285.045					
	450	230		450	Plain Bar	10 mm					9050					9.050	30	x 1 =	30	271.500		271.500					

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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0 8 AUG 2024

Project Manager

Srinivasan.R
Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m) 8	10	12	16	20	25	32
					Particular Placing of Bar	mm		mm	mm							m						m							
	X C/C	4525		4525	Extra bars_X	10 mm					5880					5.880	16	x	1	=	16	94.080		94.080					
	600	230		600	Supporting bars_Y	10 mm	125				8420					8.420	45	x	1	=	45	378.900		378.900					
	Y C/C	4060		4360	Cranked bar @ Y	10 mm	250		20		4 Cranks 8645	10				8.565	34	x	1	=	34	291.210		291.210					
	X for no.s	4185		4185	Plain Bar	10 mm					8420					8.420	33	x	1	=	33	277.860		277.860					
	y for no.s	3645		3945	Extra bars @ Y	10 mm					6110					6.110	11	x	1	=	11	67.210		67.210					
					Supporting bars @ X	10 mm	125				9050					9.050	41	x	1	=	41	371.050		371.050					
9	D - E 2 - 3 SI	9050	9130	175	Cranked bar_X	10 mm	250		20		4 Cranks 9275	10	20	30	40	9.195	34	x	1	=	34	312.630		312.630					
	450	230		450	Plain Bar	10 mm					9050					9.050	33	x	1	=	33	298.650		298.650					
	X C/C	4525		4525	Extra bars_X	10 mm					6310					6.310	16	x	1	=	16	100.960		100.960					
	600	230		600	Supporting bars_Y	10 mm	125				9410					9.410	45	x	1	=	45	423.450		423.450					
	Y C/C	4565		4565	Cranked bar @ Y	10 mm	250		20		4 Cranks 9635	10				9.555	34	x	1	=	34	324.870		324.870					
	X for no.s	4185		4185	Plain Bar	10 mm					9410					9.410	33	x	1	=	33	310.530		310.530					
	y for no.s	4150		4150	Extra bars @ Y	10 mm					6110					6.110	12	x	1	=	12	73.320		73.320					
					Supporting bars @ X	10 mm	125				9050					9.050	45	x	1	=	45	407.250		407.250					

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner

5 AUG 2024

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0 8 AUG 2024

Project Manager

Srinivasan.R
Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
10	**A- B 3 - 4 S1**	10600	9125	175	Cranked bar_X	10 mm	250		20		4 Cranks 11105	10	20	30	40	11.025	34	x	1	=	34	374.850		374.850					
	600	230		450	Plain Bar	10 mm					10880					10.880	33	x	1	=	33	359.040		359.040					
	X C/C	5225		5375	Extra bars_X	10 mm					6305					6.305	19	x	1	=	19	119.795		119.795					
	600	230		600	Supporting bars_Y	10 mm	125				9405					9.405	53	x	1	=	53	498.465		498.465					
	Y C/C	4560		4565	Cranked bar @ Y	10 mm	250		20		4 Cranks 9630	10				9.550	40	x	1	=	40	382.000		382.000					
	X for no.s	4810		5035	Plain Bar	10 mm					9405					9.405	39	x	1	=	39	366.795		366.795					
	y for no.s	4145		4150	Extra bars @ Y	10 mm					7115					7.115	12	x	1	=	12	85.380		85.380					
					Supporting bars @ X	10 mm	125				10880					10.880	45	x	1	=	45	489.600		489.600					
11	**B- C 3 - 4 S1**	10750	8720	175	*Cranked bar_X*	*10 mm*	*250*		*20*		4 Cranks 10975	*10*	*20*	*30*	*40*	10.895	33	x	1	=	33	359.535		359.535					
	450	230		450	Plain Bar	10 mm					10750					10.750	32	x	1	=	32	344.000		344.000					
	X C/C	5375		5375	Extra bars_X	10 mm					6060					6.060	20	x	1	=	20	121.200		121.200					
	600	230		600	Supporting bars_Y	10 mm	125				8720					8.720	54	x	1	=	54	470.880		470.880					
	Y C/C	4210		4510	Cranked bar @ Y	10 mm	250		20		4 Cranks 8945	10				8.865	41	x	1	=	41	363.465		363.465					
	X for no.s	5035		5035	Plain Bar	10 mm					8720					8.720	40	x	1	=	40	348.800		348.800					

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

Contractor

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0 8 AUG 2024

Srinivasan.R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
	y for no.s	3795		4095	Extra bars @ Y	10 mm					7130					7.130	12	x	1	=	12	85.560		85.560					
					Supporting bars @ X	10 mm	125				10750					10.750	43	x	1	=	43	462.250		462.250					
12	C - D 3 - 4 SI	10750	8420	175	Cranked bar_X	10 mm	250		20		4 Cranks 10975	10	20	30	40	10.895	31	x	1	=	31	337.745		337.745					
	450	230		450	Plain Bar	10 mm					10750					10.750	30	x	1	=	30	322.500		322.500					
	X C/C	5375		5375	Extra bars_X	10 mm					5880					5.880	20	x	1	=	20	117.600		117.600					
	600	230		600	Supporting bars_Y	10 mm	125				8420					8.420	54	x	1	=	54	454.680		454.680					
	Y C/C	4060		4360	Cranked bar @ Y	10 mm	250		20		4 Cranks 8645	10				8.565	41	x	1	=	41	351.165		351.165					
	X for no.s	5035		5035	Plain Bar	10 mm					8420					8.420	40	x	1	=	40	336.800		336.800					
	y for no.s	3645		3945	Extra bars @ Y	10 mm					7130					7.130	11	x	1	=	11	78.430		78.430					
					Supporting bars @ X	10 mm	125				10750					10.750	41	x	1	=	41	440.750		440.750					
13	D - E 3 - 4 SI	10750	9130	175	Cranked bar_X	10 mm	250		20		4 Cranks 10975	10	20	30	40	10.895	34	x	1	=	34	370.430		370.430					
	450	230		450	Plain Bar	10 mm					10750					10.750	33	x	1	=	33	354.750		354.750					
	X C/C	5375		5375	Extra bars_X	10 mm					6310					6.310	20	x	1	=	20	126.200		126.200					
	600	230		600	Supporting bars_Y	10 mm	125				9410					9.410	54	x	1	=	54	508.140		508.140					

For M/s. SIMHAA CONSTRUCTIONS

Contractor

(KAN RAJU)
Managing Partner
5 AUG 2024

APPROVED BY
0 8 AUG 2024
Srinivasan.R
Project Manager
Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
	Y C/C	4565		4565	Cranked bar @ Y	10 mm	250		20		4 Cranks 9635	10				9.555	41	x 1 =	41	391.755		391.755					
	X for no.s	5035		5035	Plain Bar	10 mm					9410					9.410	40	x 1 =	40	376.400		376.400					
	y for no.s	4150		4150	Extra bars @ Y	10 mm					7130					7.130	12	x 1 =	12	85.560		85.560					
					Supporting bars @ X	10 mm	125				10750					10.750	45	x 1 =	45	483.750		483.750					
14	A-B 4-5 SI	11125	9125	175	Cranked bar_X	10 mm	250		20		4 Cranks 11350	10	20	30	40	11.270	34	x 1 =	34	383.180		383.180					
	450	230		450	Plain Bar	10 mm					11125					11.125	33	x 1 =	33	367.125		367.125					
	X C/C	5560		5565	Extra bars_X	10 mm					6305					6.305	21	x 1 =	21	132.405		132.405					
	600	230		600	Supporting bars_Y	10 mm	125				9405					9.405	55	x 1 =	55	517.275		517.275					
	Y C/C	4560		4565	Cranked bar @ Y	10 mm	250		20		4 Cranks 9630	10				9.550	43	x 1 =	43	410.650		410.650					
	X for no.s	5220		5225	Plain Bar	10 mm					9405					9.405	42	x 1 =	42	395.010		395.010					
	y for no.s	4145		4150	Extra bars @ Y	10 mm					7355					7.355	12	x 1 =	12	88.260		88.260					
					Supporting bars @ X	10 mm	125				11125					11.125	45	x 1 =	45	500.625		500.625					
15	B-C 4-5 SI	11125	8720	175	Cranked bar_X	10 mm	250		20		4 Cranks 11350	10	20	30	40	11.270	33	x 1 =	33	371.910		371.910					
	450	230		450	Plain Bar	10 mm					11125					11.125	32	x 1 =	32	356.000		356.000					

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

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Contractor

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Project Manager

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Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
	X C/C	5560		5565	Extra bars_X	10 mm					6060					6.060	21	x	1	=	21	127.260		127.260					
	600	230		600	Supporting bars_Y	10 mm	125				8720					8.720	55	x	1	=	55	479.600		479.600					
	Y C/C	4210		4510	Cranked bar @ Y	10 mm	250		20		4 Cranks 8945	10				8.865	43	x	1	=	43	381.195		381.195					
	X for no.s	5220		5225	Plain Bar	10 mm					8720					8.720	42	x	1	=	42	366.240		366.240					
	y for no.s	3795		4095	Extra bars @ Y	10 mm					7355					7.355	12	x	1	=	12	88.260		88.260					
					Supporting bars @ X	10 mm	125				11125					11.125	43	x	1	=	43	478.375		478.375					
16	C-D 4-5 S1	11125	8495	175	Cranked bar_X	10 mm	250		20		4 Cranks 11350	10	20	30	40	11.270	32	x	1	=	32	360.640		360.640					
	450	230		450	Plain Bar	10 mm					11125					11.125	31	x	1	=	31	344.875		344.875					
	X C/C	5560		5565	Extra bars_X	10 mm					5925					5.925	21	x	1	=	21	124.425		124.425					
	600	230		600	Supporting bars_Y	10 mm	125				8495					8.495	55	x	1	=	55	467.225		467.225					
	Y C/C	4060		4435	Cranked bar @ Y	10 mm	250		20		4 Cranks 8720	10				8.640	43	x	1	=	43	371.520		371.520					
	X for no.s	5220		5225	Plain Bar	10 mm					8495					8.495	42	x	1	=	42	356.790		356.790					
	y for no.s	3645		4020	Extra bars @ Y	10 mm					7355					7.355	11	x	1	=	11	80.905		80.905					
					Supporting bars @ X	10 mm	125				11125					11.125	42	x	1	=	42	467.250		467.250					

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
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Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
17	D- D.6 4 - 5' SI	3650	6625	175	Cranked bar_X	10 mm	250		20		2 Cranks 3760	10	20	30	40	3.720	26	x	1	=	26	96.720		96.720					
	450	300			Plain Bar	10 mm					3650					3.650	25	x	1	=	25	91.250		91.250					
	X C/C	3650			Extra bars_X	10 mm					4575					4.575	7	x	1	=	7	32.025		32.025					
	600	300			Supporting bars_Y	10 mm	125				6905					6.905	20	x	1	=	20	138.100		138.100					
	Y C/C	6625			Cranked bar @ Y	10 mm	250		20		2 Cranks 7015	10				6.975	14	x	1	=	14	97.650		97.650					
	X for no.s	3275			Plain Bar	10 mm					6905					6.905	13	x	1	=	13	89.765		89.765					
	y for no.s	6175			Extra bars @ Y	10 mm					2715					2.715	10	x	1	=	10	27.150		27.150					
					Supporting bars @ X	10 mm	125				3650					3.650	33	x	1	=	33	120.450		120.450					
18	D- D.6 4 - 5' SI	6050	6625	175	Cranked bar_X	10 mm	250		20		4 Cranks 6275	10	20	30	40	6.195	25	x	1	=	25	154.875		154.875					
	300	300		300	Plain Bar	10 mm					6050					6.050	24	x	1	=	24	145.200		145.200					
	X C/C	3650		2400	Extra bars_X	10 mm					4725					4.725	11	x	1	=	11	51.975		51.975					
	600	300		300	Supporting bars_Y	10 mm	125				6625					6.625	31	x	1	=	31	205.375		205.375					
	Y C/C	4275		2350	Cranked bar @ Y	10 mm	250		20		4 Cranks 6850	10				6.770	23	x	1	=	23	155.710		155.710					
	X for no.s	3350		2100	Plain Bar	10 mm					6625					6.625	22	x	1	=	22	145.750		145.750					

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
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Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
	y for no.s	3825		2050	Extra bars @ Y	10 mm					4230					4.230	9	x 1 =	9	38.070		38.070					
					Supporting bars @ X	10 mm	125				6050					6.050	33	x 1 =	33	199.650		199.650					
19	**D- D.6 4 - 5' S1**	1425	3225	175	Cranked bar_X	10 mm	250		20		2 Cranks 1535	10	20	30	40	1.495	12	x 1 =	12	17.940		17.940					
	300	450			Plain Bar	10 mm					1425					1.425	11	x 1 =	11	15.675		15.675					
	X C/C	1425			Extra bars_X	10 mm					2435					2.435	2	x 1 =	2	4.870		4.870					
	600	200			Supporting bars_Y	10 mm	125				3505					3.505	9	x 1 =	9	31.545		31.545					
	Y C/C	3225			Cranked bar @ Y	10 mm	250		20		2 Cranks 3615	10				3.575	5	x 1 =	5	17.875		17.875					
	X for no.s	1050			Plain Bar	10 mm					3505					3.505	4	x 1 =	4	14.020		14.020					
	y for no.s	2825			Extra bars @ Y	10 mm					1455					1.455	5	x 1 =	5	7.275		7.275					
					Supporting bars @ X	10 mm	125				1425					1.425	16	x 1 =	16	22.800		22.800					
20	**D.6 - E 4 - 5 S1**	11125	2500	175	Cranked bar_X	10 mm	250		20		6 Cranks 11460	10	20	30	40	11.340	9	x 1 =	9	102.060		102.060					
	450	300	300	450	Plain Bar	10 mm					11125					11.125	8	x 1 =	8	89.000		89.000					
	X C/C	3650	6050	1425	Extra bars_X	10 mm					2250					2.250	19	x 1 =	19	42.750		42.750					
	300	600			Supporting bars_Y	10 mm	125				2500					2.500	55	x 1 =	55	137.500		137.500					

For M/s. SIMHAA CONSTRUCTIONS

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Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
	Y C/C	2500			Cranked bar @ Y	10 mm	250		20		2 Cranks 2610	10				2.570	41	x	1	=	41	105.370		105.370					
	X for no.s	3275	5750	1050	Plain Bar	10 mm					2500					2.500	40	x	1	=	40	100.000		100.000					
	y for no.s	2050			Extra bars @ Y	10 mm					7725					7.725	3	x	1	=	3	23.175		23.175					
					Supporting bars @ X	10 mm	125				11125					11.125	13	x	1	=	13	144.625		144.625					
21	A-B 5-6 SI	10380	9125	175	Cranked bar_X	10 mm	250		20		4 Cranks 10605	10	20	30	40	10.525	34	x	1	=	34	357.850		357.850					
	450	230		450	Plain Bar	10 mm					10380					10.380	33	x	1	=	33	342.540		342.540					
	X C/C	5190		5190	Extra bars_X	10 mm					6305					6.305	19	x	1	=	19	119.795		119.795					
	600	230		600	Supporting bars_Y	10 mm	125				9405					9.405	52	x	1	=	52	489.060		489.060					
	Y C/C	4560		4565	Cranked bar @ Y	10 mm	250		20		4 Cranks 9630	10				9.550	40	x	1	=	40	382.000		382.000					
	X for no.s	4850		4850	Plain Bar	10 mm					9405					9.405	39	x	1	=	39	366.795		366.795					
	y for no.s	4145		4150	Extra bars @ Y	10 mm					6910					6.910	12	x	1	=	12	82.920		82.920					
					Supporting bars @ X	10 mm	125				10380					10.380	45	x	1	=	45	467.100		467.100					
22	B-C 5-6 SI	10380	8720	175	Cranked bar_X	10 mm	250		20		4 Cranks 10605	10	20	30	40	10.525	33	x	1	=	33	347.325		347.325					
	450	230		450	Plain Bar	10 mm					10380					10.380	32	x	1	=	32	332.160		332.160					

For M/s. SIMHAA CONSTRUCTIONS

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Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia: mm	Spacing Of Bar	Bend/ Devp Length: mm	Cover: mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length: m	No. of Bars	No. of Members	Total Nos.	Total Length: m	Total Length with Dia. (m) 8	10	12	16	20	25	32
	X C/C	5190		5190	Extra bars_X	10 mm					6060					6.060	19	x 1 =	19	115.140		115.140					
	600	230		600	Supporting bars_Y	10 mm	125				8720					8.720	52	x 1 =	52	453.440		453.440					
	Y C/C	4210		4510	Cranked bar @ Y	10 mm	250		20		4 Cranks 8945	10				8.865	40	x 1 =	40	354.600		354.600					
	X for no.s	4850		4850	Plain Bar	10 mm					8720					8.720	39	x 1 =	39	340.080		340.080					
	y for no.s	3795		4095	Extra bars @ Y	10 mm					6910					6.910	12	x 1 =	12	82.920		82.920					
					Supporting bars @ X	10 mm	125				10380					10.380	43	x 1 =	43	446.340		446.340					
23	C-D 5-6 S1	10380	8495	175	Cranked bar_X	10 mm	250		20		4 Cranks 10605	10	20	30	40	10.525	32	x 1 =	32	336.800		336.800					
	450	230		450	Plain Bar	10 mm					10380					10.380	31	x 1 =	31	321.780		321.780					
	X C/C	5190		5190	Extra bars_X	10 mm					5925					5.925	19	x 1 =	19	112.575		112.575					
	600	230		600	Supporting bars_Y	10 mm	125				8495					8.495	52	x 1 =	52	441.740		441.740					
	Y C/C	4060		4435	Cranked bar @ Y	10 mm	250		20		4 Cranks 8720	10				8.640	40	x 1 =	40	345.600		345.600					
	X for no.s	4850		4850	Plain Bar	10 mm					8495					8.495	39	x 1 =	39	331.305		331.305					
	y for no.s	3645		4020	Extra bars @ Y	10 mm					6910					6.910	11	x 1 =	11	76.010		76.010					
					Supporting bars @ X	10 mm	125				10380					10.380	42	x 1 =	42	435.960		435.960					

For M/s. SIMHAA CONSTRUCTIONS

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Srinivasan.R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
24	**D- D.6 5.2 - 5.3 S1**	3170	6625	175	Cranked bar_X	10 mm	250		20		2 Cranks 3280	10	20	30	40	3.240	26	x	1	=	26	84.240		84.240					
	200	450			Plain Bar	10 mm					3170					3.170	25	x	1	=	25	79.250		79.250					
	X C/C	3170			Extra bars_X	10 mm					4500					4.500	6	x	1	=	6	27.000		27.000					
	450	300			Supporting bars_Y	10 mm	125				6830					6.830	17	x	1	=	17	116.110		116.110					
	Y C/C	6625			Cranked bar @ Y	10 mm	250		20		2 Cranks 6940	10				6.900	12	x	1	=	12	82.800		82.800					
	X for no.s	2845			Plain Bar	10 mm					6830					6.830	11	x	1	=	11	75.130		75.130					
	y for no.s	6250			Extra bars @ Y	10 mm					2450					2.450	10	x	1	=	10	24.500		24.500					
					Supporting bars @ X	10 mm	125				3170					3.170	33	x	1	=	33	104.610		104.610					
25	**D.6 - E 5 - 6 S1**	10520	2500	175	Cranked bar_X	10 mm	250		20		2 Cranks 10630	10	20	30	40	10.590	9	x	1	=	9	95.310		95.310					
	450	600			Plain Bar	10 mm					10520					10.520	8	x	1	=	8	84.160		84.160					
	X C/C	10520			Extra bars_X	10 mm					2250					2.250	20	x	1	=	20	45.000		45.000					
	300	600			Supporting bars_Y	10 mm	125				2630					2.630	52	x	1	=	52	136.760		136.760					
	Y C/C	2500			Cranked bar @ Y	10 mm	250		20		2 Cranks 2740	10				2.700	41	x	1	=	41	110.700		110.700					
	X for no.s	9995			Plain Bar	10 mm					2630					2.630	40	x	1	=	40	105.200		105.200					

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
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Contractor

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Srinivasan.R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
	y for no.s	2050			Extra bars @ Y	10 mm					7135					7.135	3	x 1 =	3	21.405		21.405					
					Supporting bars @ X	10 mm	125				10520					10.520	13	x 1 =	13	136.760		136.760					
26	A-B 6-7 SI	11050	9125	175	Cranked bar_X	10 mm	250		20		4 Cranks 11555	10	20	30	40	11.475	34	x 1 =	34	390.150		390.150					
	450	230		600	Plain Bar	10 mm					11330					11.330	33	x 1 =	33	373.890		373.890					
	X C/C	5450		5600	Extra bars_X	10 mm					6305					6.305	20	x 1 =	20	126.100		126.100					
	600	230		600	Supporting bars_Y	10 mm	125				9405					9.405	55	x 1 =	55	517.275		517.275					
	Y C/C	4560		4565	Cranked bar @ Y	10 mm	250		20		4 Cranks 9630	10				9.550	42	x 1 =	42	401.100		401.100					
	X for no.s	5110		5185	Plain Bar	10 mm					9405					9.405	41	x 1 =	41	385.605		385.605					
	y for no.s	4145		4150	Extra bars @ Y	10 mm					7385					7.385	12	x 1 =	12	88.620		88.620					
					Supporting bars @ X	10 mm	125				11330					11.330	45	x 1 =	45	509.850		509.850					
27	B-C 6-7 SI	11050	8720	175	Cranked bar_X	10 mm	250		20		4 Cranks 11555	10	20	30	40	11.475	33	x 1 =	33	378.675		378.675					
	450	230		600	Plain Bar	10 mm					11330					11.330	32	x 1 =	32	362.560		362.560					
	X C/C	5450		5600	Extra bars_X	10 mm					6060					6.060	20	x 1 =	20	121.200		121.200					
	600	230		600	Supporting bars_Y	10 mm	125				8720					8.720	55	x 1 =	55	479.600		479.600					

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
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Srinivasan.R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Hars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
	Y C/C	4210		4510	Cranked bar @ Y	10 mm	250		20		4 Cranks 8945	10				8.865	42	x 1 =	42	372.330		372.330					
	X for no.s	5110		5185	Plain Bar	10 mm					8720					8.720	41	x 1 =	41	357.520		357.520					
	y for no.s	3795		4095	Extra bars @ Y	10 mm					7385					7.385	12	x 1 =	12	88.620		88.620					
					Supporting bars @ X	10 mm	125				11330					11.330	43	x 1 =	43	487.190		487.190					
28	C - D 6 - 7 S1	11050	8420	175	Cranked bar_X	10 mm	250		20		4 Cranks 11555	10	20	30	40	11.475	31	x 1 =	31	355.725		355.725					
	450	230		600	Plain Bar	10 mm					11330					11.330	30	x 1 =	30	339.900		339.900					
	X C/C	5450		5600	Extra bars_X	10 mm					5880					5.880	20	x 1 =	20	117.600		117.600					
	600	230		600	Supporting bars_Y	10 mm	125				8420					8.420	55	x 1 =	55	463.100		463.100					
	Y C/C	4060		4360	Cranked bar @ Y	10 mm	250		20		4 Cranks 8645	10				8.565	42	x 1 =	42	359.730		359.730					
	X for no.s	5110		5185	Plain Bar	10 mm					8420					8.420	41	x 1 =	41	345.220		345.220					
	y for no.s	3645		3945	Extra bars @ Y	10 mm					7385					7.385	11	x 1 =	11	81.235		81.235					
					Supporting bars @ X	10 mm	125				11330					11.330	41	x 1 =	41	464.530		464.530					
29	D - E 6 - 7 S1	10905	9130	175	Cranked bar_X	10 mm	250		20		4 Cranks 11690	10	20	30	40	11.610	34	x 1 =	34	394.740		394.740					
	600	230		600	Plain Bar	10 mm					11465					11.465	33	x 1 =	33	378.345		378.345					

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
- 5 AUG 2024

Contractor

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Srinivasan R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
	X C/C	5305		5600	Extra bars_X	10 mm					6310					6.310	19	x 1 =	19	119.890		119.890					
	600	230		600	Supporting bars_Y	10 mm	125				9410					9.410	54	x 1 =	54	508.140		508.140					
	Y C/C	4565		4565	Cranked bar @ Y	10 mm	250		20		4 Cranks 9635	10				9.555	41	x 1 =	41	391.755		391.755					
	X for no.s	4890		5185	Plain Bar	10 mm					9410					9.410	40	x 1 =	40	376.400		376.400					
	y for no.s	4150		4150	Extra bars @ Y	10 mm					7375					7.375	12	x 1 =	12	88.500		88.500					
					Supporting bars @ X	10 mm	125				11465					11.465	45	x 1 =	45	515.925		515.925					
30	grid A-1 S2	6050	1800	200	Shorter Span	10 mm	125		20		1760					1.760	49	x 2 =	98	172.480		172.480					
					Longer Span	10 mm	125				6010					6.010	15	x 2 =	30	180.300		180.300					
31	grid A-2 S2	4925	1500	200	Shorter Span	10 mm	125		20		1460					1.460	40	x 2 =	80	116.800		116.800					
					Longer Span	10 mm	125				4885					4.885	13	x 2 =	26	127.010		127.010					
32	grid A-3 S2	4925	1500	200	Shorter Span	10 mm	125		20		1460					1.460	40	x 2 =	80	116.800		116.800					
					Longer Span	10 mm	125									4.885	13	x 2 =	26	127.010		127.010					

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

5 AUG 2024

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Srinivasan.R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	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 (X) (mm)	B (Y) (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	m	No. of Bars	No. of Members			Total Nos.	m	8	10	12	16	20	25	32
											4885																			
33	grid A-4 S2	6000	1800	200	Shorter Span	10 mm	125		20		1760					1.760	49	x	2	=	98	172.480		172.480					
					Longer Span	10 mm	125				5960					5.960	15	x	2	=	30	178.800		178.800					
34	grid A-5 S2	5500	1800	200	Shorter Span	10 mm	125		20		1760					1.760	45	x	2	=	90	158.400		158.400					
					Longer Span	10 mm	125				5460					5.460	15	x	2	=	30	163.800		163.800					
35	grid A-6 S2	5500	1800	200	Shorter Span	10 mm	125		20		1760					1.760	45	x	2	=	90	158.400		158.400					
					Longer Span	10 mm	125				5460					5.460	15	x	2	=	30	163.800		163.800					
36	grid A-7 S2	6000	1800	200	Shorter Span	10 mm	125		20		1760					1.760	49	x	2	=	98	172.480		172.480					
					Longer Span	10 mm	125				5960					5.960	15	x	2	=	30	178.800		178.800					
37	grid E-1 S2	6050	1800	200	Shorter Span	10 mm	125		20		1760					1.760	49	x	2	=	98	172.480		172.480					

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(KAN RAJU)
Managing Partner
5 AUG 2024

Contractor

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0 8 AUG 2024
Srinivasan.R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars: No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
					Longer Span	10 mm	125				6010					6.010	15	x	2	=	30	180.300		180.300					
38	grid E-2 S2	4925	1800	200	Shorter Span	10 mm	125		20		1760					1.760	40	x	2	=	80	140.800		140.800					
					Longer Span	10 mm	125				4885					4.885	15	x	2	=	30	146.550		146.550					
39	grid E-3 S2	4925	1800	200	Shorter Span	10 mm	125		20		1760					1.760	40	x	2	=	80	140.800		140.800					
					Longer Span	10 mm	125				4885					4.885	15	x	2	=	30	146.550		146.550					
40	grid E-4 S2	6000	1800	200	Shorter Span	10 mm	125		20		1760					1.760	49	x	2	=	98	172.480		172.480					
					Longer Span	10 mm	125				5960					5.960	15	x	2	=	30	178.800		178.800					
41	grid E-5 S2	5500	1800	200	Shorter Span	10 mm	125		20		1760					1.760	45	x	2	=	90	158.400		158.400					
					Longer Span	10 mm	125				5460					5.460	15	x	2	=	30	163.800		163.800					
42	grid E-6 S2	5500	1800	200	Shorter Span	10 mm	125		20		1760					1.760	45	x	2	=	90	158.400		158.400					

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(KAN RAJU)
Managing Partner
5 AUG 2024

Contractor

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0 8 AUG 2024
Srinivasan.R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
43	grid E-7 S2	6000	1800	200	Longer Span	10 mm	125		20		5460					5.460	15	x 2 =	30	163.800		163.800					
					Shorter Span	10 mm	125				1760					1.760	49	x 2 =	98	172.480		172.480					
					Longer Span	10 mm	125				5960					5.960	15	x 2 =	30	178.800		178.800					
44	grid C-1 S2	3350	1800	200	Shorter Span	10 mm	125		20		1760					1.760	27	x 2 =	54	95.040		95.040					
					Longer Span	10 mm	125				3310					3.310	15	x 2 =	30	99.300		99.300					
				400	At A & E	10 mm	125				300					0.300	4	x 4 =	16	4.800		4.800					
45	grid D-7 S2	3000	1200	200	Shorter Span	10 mm	125		20		1160					1.160	25	x 2 =	50	58.000		58.000					
					Longer Span	10 mm	125				2960					2.960	10	x 2 =	20	59.200		59.200					
				400	At A & E	10 mm	125				950					0.950	4	x 4 =	16	15.200		15.200					
46	Laps at Short Span	36828	63000		At A & E	10 mm	12000				440					0.440	505	x 3 =	1515	666.600		666.600					

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(KAN RAJU)
Managing Partner

5 AUG 2024

Contractor

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Srinivasan.R
Project Manager

Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars		No. of Members		Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
	Top Supporting Bars										440					0.440	173	x	5	=	864	380.160		380.160					
47	Laps at Longer Span	36000	64294		At A & E	10 mm	12000				440					0.440	289	x	5	=	1445	635.800		635.800					
	Top Supporting Bars										440					0.440	302	x	3	=	907	399.168		399.168					
48	200mm Beam Bottom Projection - at grid A	4800	800	200	Shorter Span	10 mm	125		20		300 / 760					1.060	39	x	10	=	390	413.400		413.400					
	05 Spans	**5**			Longer Span	10 mm	125				4760					4.760	7	x	10	=	70	333.200		333.200					
49	200mm Beam Bottom Projection - at grid A	3700	800	200	Shorter Span	10 mm	125		20		300 / 760					1.060	30	x	2	=	60	63.600		63.600					
	01 Spans	**1**			Longer Span	10 mm	125				3660					3.660	7	x	2	=	14	51.240		51.240					
50	200mm Beam Bottom Projection - at grid E	4800	800	200	Shorter Span	10 mm	125		20		300 / 760					1.060	39	x	10	=	390	413.400		413.400					
	05 Spans	**5**			Longer Span	10 mm	125				4760					4.760	7	x	10	=	70	333.200		333.200					
51	200mm Beam Bottom Projection - at grid E	3700	800	200	Shorter Span	10 mm	125		20		300 / 760					1.060	30	x	2	=	60	63.600		63.600					
	01 Spans	**1**			Longer Span	10 mm	125				3660					3.660	7	x	2	=	14	51.240		51.240					

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024
Contractor

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0 8 AUG 2024
Srinivasan.R
Project Manager
Project Manager

Slab reinforcement BBS

S.No	Member	Size L (X) (mm)	Size B (Y) (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length m	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
52	200mm Beam Bottom Projection - at grid 7	23750	800	200	Shorter Span	10 mm	125		20		300 — 760					1.060	191	x	2	=	382	404.920		404.920					
	01 Spans	**1**			Longer Span	10 mm	125				— 23710					23.710	7	x	2	=	14	331.940		331.940					
53	**Spacer Bars**				at Extra Bars	25 mm										200	1	x	1	=	1	200.000						200.000	
54	**Chairs**				at Crank Portions	10 mm										1.500	1000	x	1	=	1000	1500.00		1500.000					
																					Total Length	**0.000**	**68717.623**	**0.000**	**0.000**	**0.000**	**200.000**	**0.000**
																					Unit Weight In (Kg/ft)	**0.395**	**0.617**	**0.888**	**1.579**	**2.467**	**3.855**	**6.316**
																					Weight In (KG)	**0.000**	**42398.773**	**0.000**	**0.000**	**0.000**	**771.000**	**0.000**
																					Weight In (TON)	**0.000**	**42.399**	**0.000**	**0.000**	**0.000**	**0.771**	**0.000**
																					Total Weight In (TON)				**43.170**	**MT**		

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

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08 AUG 2024
Srinivasan.R
Project Manager

BBS SCHEDULE-Staircase-2 no.s per Floor

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail: Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars: No. of Bars	No. of Members	Total Nos.	Total Length m	Total Length with Dia. (m): 8	10	12	16	20	25	32
Staircase-01																										
1st Flight		1600		Waist Slab+Landing-1	16 mm	100 mm c/c		20	704	1400, 375, 3800, 2105, 175					8.559	17	x 2 s	34	291.006				291.006			
		1600		Waist Slab+Landing-1	16 mm	100 mm c/c		20		1565, 1655, 175					3.395	17	x 2 =	34	115.430				115.430			
		1600		Waist Slab+Landing-1	16 mm	100 mm c/c		20		720, 2700, 375					3.795	17	x 2 =	34	129.030				129.030			
		1600		Waist Slab+Landing-1	16 mm	100 mm c/c		20		1760, 1120, 375					3.255	17	x 2 =	34	110.670				110.670			
		1600		Waist Slab+Landing-1	16 mm	100 mm c/c		20		2015, 175, 675					2.865	17	x 2 =	34	97.410				97.410			
		200		Landing-1	16 mm	100 mm c/c		20							2.110	2	x 2 =	4	8.440				8.440			
dist	1600	12875		Waist Slab+Landing-1	8 mm	150 mm c/c		20							1.560	87	x 2 =	174	271.440	271.440						
dist	200	1920		Waist Slab+Landing-1	8 mm	150 mm c/c									0.200	14	x 2 =	28	5.600	5.600						
										4 90 degree bends																

For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
Contractor

APPROVED BY
08 AUG 2024
Srinivasan.B
Project Manager

AMTZ Medpolis Square 801 Pvt.Ltd.

5 AUG 2024

BBS SCHEDULE-Staircase-2 no.s per Floor

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
	1 chair per 1 Sqm			250	10 mm	Area=9m2			50	Leg=350 H=100 W=1050		20			1.870	24	x	1	=	24	44.880		44.880					

For M/s. SIMHAA CONSTRUCTIONS

(KAN RAJU)
Managing Partner

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08 AUG 2024
Project M...

BBS SCHEDULE-Staircase-2 no.s per Floor

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars	No. of Members			Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
3	MLB1	4500	230	450	Top Main Bar	20		25	0	4450: 225 + 225			40		4.820	2	x	1	=	2	9.640					9.640		
		3400			Bottom Bar	20			0	4450: 225 + 225			40		4.820	2	x	1	=	2	9.640					9.640		
					Stirrups upto	8	150 mm c/c			180: 96 + 400			16	24	1.256	24	x	1	=	24	30.144	30.144						
Staircase-02																												
1st Flight		1600		Waist Slab+Landing-1	16 mm	100 mm c/c		20	704	1295: 375 + 3800 + 2005 + 175					8.354	17	x	2	s	34	284.036				284.036			
		1600		Waist Slab+Landing-1	16 mm	100 mm c/c		20		1565 + 1555 + 175					3.295	17	x	2	=	34	112.030				112.030			
		1600		Waist Slab+Landing-1	16 mm	100 mm c/c		20		1120 + 2155 + 375					3.650	17	x	2	=	34	124.100				124.100			
		1600		Waist Slab+Landing-1	16 mm	100 mm c/c		20		1745: 1120 + 375					3.240	17	x	2	=	34	110.160				110.160			
		1600		Waist Slab+Landing-1	16 mm	100 mm c/c		20		2015: 675 + 175					2.865	17	x	2	=	34	97.410				97.410			
		200		Landing-1	16 mm	100 mm c/c		20							2.060	2	x	2	=	4	8.240				8.240			

For M/s. SIMHAA CONSTRUCTIONS

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Managing Partner

AMTZ Medpolis Square 801 Pvt.Ltd.

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08 AUG 2024
Srinivasan.R
Project Manager

Contractor

5 AUG 2024

BBS SCHEDULE-Staircase-2 no.s per Floor

Member	Size			Bar Detail	Dia	Spacing Of Bar	Bend/ Devp Length	Cover	Overlap	Bar Shape	Bend Deductions				Cutting Length	No. of Bars	No. of Members			Total Nos.	Total Length	Total Length with Dia. (m)						
	L (mm)	B (mm)	H (mm)	Particular Placing of Bar	mm		mm	mm			45°	90°	135°	180°	(m)	No. of Bars	No. of Members				m	8	10	12	16	20	25	32
dist	1600	12565		Waist Slab+Landing-1	8 mm	150 mm c/c		20							1.560	85	x	2	=	170	265.200	265.200						

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Srinivasan.R
Project Manager

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(KAN RAJU)
Managing Partner

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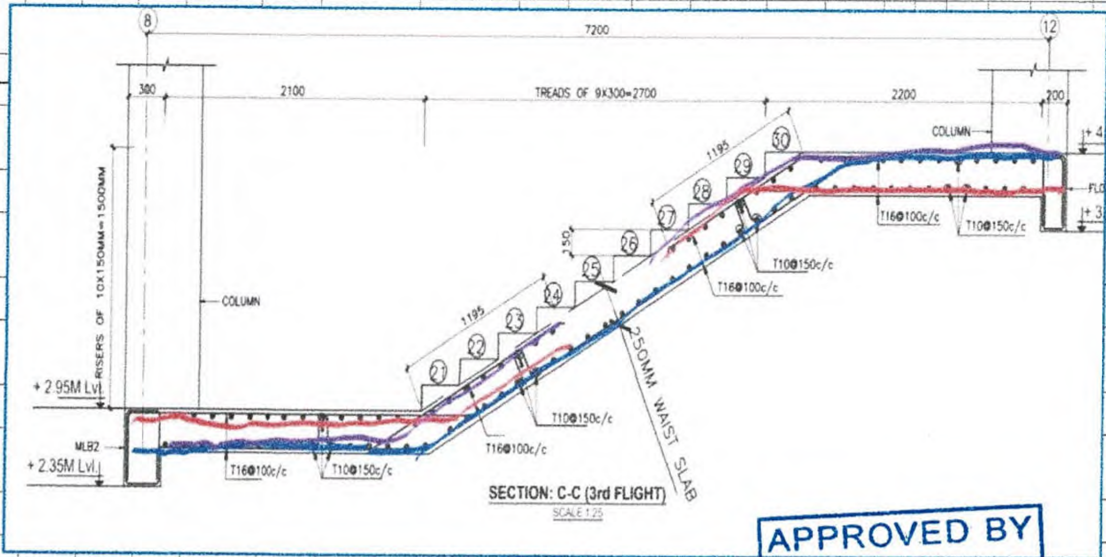
BBS SCHEDULE -Staircase-2 no.s per Floor

Member	Size L (mm)	Size B (mm)	Size H (mm)	Bar Detail Particular Placing of Bar	Dia mm	Spacing Of Bar	Bend/ Devp Length mm	Cover mm	Overlap	Bar Shape	Bend Deductions 45°	90°	135°	180°	Cutting Length (m)	No. of Bars		No. of Members		Total Nos.	Total Length m	Total Length with Dia. (m) 8	10	12	16	20	25	32
dist	200	1870		Waist Slab+Landing-1	8 mm	150 mm c/c									0.200	13	x	2	=	26	5.200	5.200						
	1 chair per 1 Sqm			250	10 mm	Area=9m2			50	4 90 degree bends Leg=350 H=100 W=1050		20			1.870	24	x	1		24	44.880		44.880					
3	MLB1	4500	230	450	Top Main Bar	20		25	0	4450 225 225			40		4.820	2	x	1	=	2	9.640					9.640		
		2430			Bottom Bar	20			0	4450 225 225			40		4.820	2	x	1	=	2	9.640					9.640		
					Stirrups upto	8	150 mm c/c			180 96 400			16	24	1.256	18	x	1	=	18	22.608	22.608						

	8	10	12	16	20	25	32
Total Length	600.192	89.760	0.000	1487.962	38.560	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)	237.076	55.382	0.000	2349.492	95.128	0.000	0.000
Total Weight In (TON)	0.237	0.055	0.000	2.349	0.095	0.000	0.000
				2.736			



For M/s. SIMHAA CONSTRUCTIONS
(KAN RAJU)
Managing Partner
5 AUG 2024

APPROVED BY
08 AUG 2024
Srinivasan.R
Project Manager