

Anx B – Work Completion Report

| Company | M/s. AMTZ MEDPOLIS SQUARE 4554 PVT. LTD | Name of contractor | Simhaa Constructions | Sl. No. site bills reg. | 24 | | | |
|--|--|---|---|-------------------------|------------|-------------------------------|--------|------------------|
| Project/site | AMS4554 | Nature of work | Stilt Floor Part Slab RCC Works- Slab 01-B | Dt. site bills reg. | 17-08-2024 | | | |
| Block no. | AMS4554 | Work done from date | 26-02-2024 | M-codex bill ID. | | | | |
| WO no. | 20240419006 | Work done to date | 06-07-2024 | WO issued ? | Yes | | | |
| WO date | 19-04-2024 | Contractor bill no. | | GST bill required? | Yes | | | |
| Sl. No. | Unit/floor no | Details of work | | Qty | Units | Rate ID | Rate | Amount |
| 1 | AMS4554 | Const - RCC 8783 -Construction - Slab 1 & Slab Beams - Concreting - Material - Cum : Columns + SW + Beam + Slab + Staircase | | 295 | cum. | RCC189 | 4,933 | 14,55,235 |
| 2 | AMS4554 | Const - RCC 2115 -Construction - Slab 1 & Slab Beams - Concreting - Labour - Cum : Columns + SW + Beam + Slab + Staircase | | 295 | cum. | RCC200 | 950 | 2,80,250 |
| 3 | AMS4554 | Const - RCC 4900 -Construction - Staircase 1 - Shuttering - Sqm : Columns + SW + Beam + Slab + Staircase | | 1886 | Sqm | RCC201 | 500 | 9,43,000 |
| 4 | AMS4554 | Const - RCC 4598 -Construction - Slab 1 & Slab Beams - Barbending - Ton : Columns + SW + Beam + Slab + Staircase | | 49 | Ton | RCC202 | 8,750 | 4,28,750 |
| Total | | | | | | | | 31,07,235 |
| Add GST @ | | | | | | | 18.00% | 5,59,302 |
| Total amount including taxes for work done | | | | | | | | 36,66,537 |
| Remarks: | | | | | | | | |
| Approved by project manager | | | Approved by QS team | | | Approved by Director/E&D team | | |
| Sign: | | | Sign: | | | Sign: | | |
| Date: | | | Date: | | | Date: | | |
| <p>Notes: 1. This sheet replaces installation report and advice for credit to contractors. 2. This work form must be typed. 3. Use this form even if work order is not issued. 4. Attach measurement and estimate sheets only if required i.e., details cannot be entered above. 5. For bill amount greater than 10k QS manager and directors approval is required. 6. For bill amount less than 10k any QS team member may sign and in place of director sign of respective E&D member to be taken. 7. Director include: Soham, Anand Mehta (for GHT + GMR), Sachin (for Vivopolis), B. anand Kumar (for NGH + NRR). 8. Entry of rate ID is mandatory. 9. This sheet must be sent within 2 working days of work completion (with or without contractors bill). 10. Contractors to send scanned copy of bill to site and QS by email. 11. Contractors must submit original bills at HO (can be sent by courier).</p> | | | | | | | | |

APPROVED BY
17 AUG 2024
Srinivasan.R
Project Manager

Anx B – Work Completion Report

| ESTIMATE SHEET | | | | | | Approved by: | Srinivasan R | |
|-------------------|-------------|---|----------|-------|-------|--------------|-----------------|---------|
| Company Name: | | M/s. AMTZ MEDPOLIS SQUARE 4554 PVT. LTD. | | | | | | |
| Project: | | AMS4554 | | | | | | |
| Work Description: | | Stilt Floor Part Slab RCC Works- Slab 01-B | | | | | | |
| Prepared By | | PB Siva Kumar | | | | | | |
| Date: | | 17-08-2024 | | | | | | |
| S No. | Item Head | Item Description | Quantity | Units | Rate | Amount | Item Head Total | Remarks |
| 1 | RCC | Const - RCC 8783 -Construction - Slab 1 & Slab Beams - Concreting - Material - Cum : Columns + SW + Beam + Slab + Staircase01 | 295 | cum. | 4,933 | 14,55,235 | 295 | |
| 2 | LABOUR | Const - RCC 2115 -Construction - Slab 1 & Slab Beams - Concreting - Labour - Cum : Columns + SW + Beam + Slab + Staircase | 295 | cum. | 950 | 2,80,250 | 295 | |
| 3 | SHUTTERING | Const - RCC 4900 -Construction - Staircase 1 - Shuttering - Sqm : Columns + SW + Beam + Slab + Staircase | 1886 | Sqm | 500 | 9,43,000 | 1,886 | |
| 4 | BAR BENDING | Const - RCC 4598 -Construction - Slab 1 & Slab Beams - Barbending - Ton : Columns + SW + Beam + Slab + Staircase | 49 | Ton | 8,750 | 4,28,750 | 49 | |
| | | | | | | 31,07,235 | | |



APPROVED BY
 17 AUG 2024
 Srinivasan.R
 Project Manager

Anx B – Work Completion Report

| MEASUREMENT SHEET | | | | | | | | | |
|--------------------------|-------------|---|--------|-------|------------------|------|--------------|-------|-----------------|
| Company Name: | | M/s. AMTZ MEDPOLIS SQUARE 4554 PVT. LTD. | | | Approved by: | | Srinivasan R | | |
| Project: | | AMS4554 | | | Sign: | | | | |
| Work Description : | | Stilt Floor Part Slab RCC Works- Slab 01-B | | | Work start date: | | 26-02-2024 | | |
| Contractor: | | Simhaa Constructions | | | Work end date: | | 06-07-2024 | | |
| Prepared By: | | PB Siva Kumar | | | Date : | | 17-08-2024 | | |
| | | | A | B | C | D | E=AxBxCxD | F | G=Sum of E |
| S No. | Item Head | Item Description | Length | Width | Height | Nos. | Quantity | Units | Item Head Total |
| 1 | RCC | Const - RCC 8783 -Construction - Slab 1 & Slab Beams - Concreting - Material - Cum : Columns + SW + Beam + Slab + Staircase | 1 | 1 | 1 | 1 | 295.000 | Cum | 172.000 |
| 2 | LABOUR | Const - RCC 2115 -Construction - Slab 1 & Slab Beams - Concreting - Labour - Cum : Columns + SW + Beam + Slab + Staircase | 1 | 1 | 1 | 1 | 295.000 | Cum | 172.000 |
| 3 | SHUTTERING | Const - RCC 4900 -Construction - Staircase 1 - Shuttering - Sqm : Columns + SW + Beam + Slab + Staircase | 1 | 1 | 1 | 1 | 1886.000 | Sqm | 1089.000 |
| 4 | BAR BENDING | Const - RCC 4598 -Construction - Slab 1 & Slab Beams - Barbending - Ton : Columns + SW + Beam + Slab + Staircase | 1 | 1 | 1 | 1 | 49.000 | Ton | 33.000 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



APPROVED BY

17 AUG 2024

Srinivasan.R

Project Manager

Tax Invoice

e-Invoice

IRN: 16f0d47ad20165f52f556b3d4858b6c91285bb7beed07f2844
 Ack No: 4351eb1c9a03009a3
 112421040830195
 Ack Date: 12-Jul-24



Simhaa Constructions (2024-25)

Plot No: 2, Block-B, Auto Nagar
 Visakhapatnam
 GSTIN/UIN: 37ABMF5670G17ZJ
 State Name: Andhra Pradesh, Code : 37
 E-Mail: simhaaconstructions@rediffmail.com
 Buyer (Bill to)

AMTZ Medipole Square 4554 Pvt. Ltd
 VM Steel Project Token Ship Sub Post Office
 Ground, Plot No. D1-56, HUB Building, AMTZ Campus,
 Pragathi Madhri, Visakhapatnam
 GSTIN/UIN: 37AAXCA5420G1ZG
 State Name: Andhra Pradesh, Code : 37

Invoice No: 26
 Delivery Note
 Date: 12-Jul-24

Reference No. & Date: SCAMS4554RA09 @ 12-Jul-24
 Other References:
 Buyer's Order No.: AMS4554/SIMHAAC/20240419006
 Dispatch Doc No.: 19-Apr-24
 Delivery Note Date

Dispatched through: Destination

| SI | Particulars | HSN/SAC | Amount |
|----|---|---------|-----------------------|
| 1 | Contract Receipts (2024-25) RA09 for Civil Works for Construction Of Shed and Building at AMTZ Medipole Square, Visakhapatnam (Site Floor RCC Works - Slab 01) | 925415 | 31,07,235.00 |
| | CGST - Output 9% | | 2,79,651.15 |
| | SGST - Output 9% | | 2,79,651.15 |
| | Total | | ₹ 36,66,537.30 |



Amount Chargeable (in words)

INR Thirty Six Lakh Sixty Six Thousand Five Hundred Thirty Seven and Thirty paise Only

E & O E

| HSN/SAC | Taxable Value | Rate | Central Tax Amount | State Tax Amount | Total Tax Amount |
|---------|---------------|------|---------------------|--------------------|--------------------|
| 925415 | 31,07,235.00 | 9% | 2,79,651.15 | 2,79,651.15 | 5,59,302.30 |
| | Total | | 31,07,235.00 | 2,79,651.15 | 5,59,302.30 |

Tax Amount (in words)

INR Five Lakh Fifty Nine Thousand Three Hundred Two and Thirty paise Only

for Simhaa Constructions (2024-25)

Remarks:
 RA09 for Civil Works for Construction of Shed and Building
 at AMTZ 4554 Medipole Square, Visakhapatnam (Site Floor
 RCC Works - Slab 01)

For M/s. SIMHA CONSTRUCTIONS



This is a Computer Generated Invoice

Tax Invoice

e-Invoice

IRN : bld047ad20165f52f556b3d858b6c91285eb7bed67f2844-
435feb1c9a03009a3
Ack No. : 112421048830165
Ack Date : 12-Jul-24



| | | | |
|--|--|------------------------------|--------------------|
| Simhaa Constructions (2024-25) | | Invoice No. | Dated |
| Plot No. 2, Block-B, Auto Nagar Visakhapatnam | | 26 | 12-Jul-24 |
| GSTIN/UIN: 37ABMFS6706L1ZJ | | Delivery Note | |
| State Name : Andhra Pradesh, Code : 37 | | Reference No. & Date. | Other References |
| E-Mail : simhaaconstructions@rediffmail.com | | SC/AMS4554/RA09 dt 12-Jul-24 | |
| Buyer (Bill to) | | Buyer's Order No. | Dated |
| AMTZ Medpolis Square 4554 Pvt. Ltd | | AMS4554/SIMHAA/20240419006 | 19-Apr-24 |
| VM Steel Project Town Ship Sub Post Office Ground, Plot No. D1-56, HUB Building, AMTZ Campus, Pragathi Maidan, Visakhapatnam | | Dispatch Doc No. | Delivery Note Date |
| GSTIN/UIN : 37AAXCA54200G1ZG | | Dispatched through | Destination |
| State Name : Andhra Pradesh, Code : 37 | | | |

| SI No. | Particulars | HSN/SAC | Amount |
|--------|---|---------|-----------------------|
| 1 | Contract Receipts (2024-25) RA09 for Civil Works for Construction Of Shed and Building at AMTZ Medpolis Square, Visakhapatnam (Slit Floor RCC Works - Slab 01) | 995415 | 31,07,235.00 |
| | CGST - Output 9% | | 2,79,651.15 |
| | SGST - Output 9% | | 2,79,651.15 |
| | Total | | ₹ 36,66,537.30 |

Amount Chargeable (in words)

₹ 36,66,537.30
E & O/E

INR Thirty Six Lakh Sixty Six Thousand Five Hundred Thirty Seven and Thirty paise Only

| HSN/SAC | Taxable Value | Central Tax Rate | Central Tax Amount | State Tax Rate | State Tax Amount | Tax Amount | Total |
|---------|---------------|------------------|--------------------|----------------|--------------------|--------------------|-------|
| 995415 | 31,07,235.00 | 9% | 2,79,651.15 | 9% | 2,79,651.15 | 5,59,302.30 | |
| | Total | | 2,79,651.15 | | 2,79,651.15 | 5,59,302.30 | |

Tax Amount (in words) : INR Five Lakh Fifty Nine Thousand Three Hundred Two and Thirty paise Only

for Simhaa Constructions (2024-25)

Remarks:
RA09 for Civil Works for Construction of Shed and Building
at AMTZ 4554 Medpolis Square, Visakhapatnam (Slit Floor
RCC Works - Slab 01)

This is a Computer Generated Invoice

For M/s. **SIMHAA CONSTRUCTIONS**

KAN KAN
Managing Partner

SIMHAA CONSTRUCTIONS

RA 09

DATE: 12.07.2024

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

P. O Number : 20240419006 on Dated 19.04.2024

" AMTZ 4554 Stilt Floor RCC Works -Slab 01 "

| Sl. NO | Item Name | Uom | P.O Qty | Rate | QUANTITY | | | Amount | | |
|--------------|--|-----|---------|------|------------------------------------|---------------|----------|---------------------|--------------------------------------|---------------------|
| | | | | | up to Previous Billed Qty in RA 08 | This Bill Qty | Total | Total Value of Work | Value up to Previous Billed in RA 08 | Present Bill |
| 1 | Const - RCC 8783 -Construction - Slab 1 & Slab Beams - <u>Concreting - Material</u> - Cum : Columns + SW + Beam + Slab + Staircase | Cum | 627 | 4933 | 277.672 | 295.000 | 572.672 | 28,24,990.98 | 13,69,755.98 | 14,55,235.00 |
| 2 | Const - RCC 2115 -Construction - Slab 1 & Slab Beams - <u>Concreting - Labour</u> - Cum : Columns + SW + Beam + Slab + Staircase | Cum | 627 | 950 | 277.672 | 295.000 | 572.672 | 5,44,038.40 | 2,63,788.40 | 2,80,250.00 |
| 3 | Const - RCC 4900 -Construction - Staircase 1 - <u>Shuttering - Sqm</u> : Columns + SW + Beam + Slab + Staircase | Sqm | 3866 | 500 | 1,646.366 | 1886.000 | 3532.366 | 17,66,183.00 | 8,23,183.00 | 9,43,000.00 |
| 4 | Const - RCC 4598 -Construction - Slab 1 & Slab Beams - <u>Barbending - Ton</u> : Columns + SW + Beam + Slab + Staircase | Ton | 128 | 8750 | 69.765 | 49.000 | 118.765 | 10,39,193.75 | 6,10,443.75 | 4,28,750.00 |
| Total | | | | | | | | 61,74,406.13 | 30,67,171.13 | 31,07,235.00 |

Total Value of present Bill 31,07,235.00

Add GST @ 18% 5,59,302.30

Total 36,66,537.30

(Amount In Words : Thirty Six Lakhs Sixty Six Thousand Five Hundred Thirty Seven Rupees and Three Zero Paise Only)

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

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

RA - 09



SIMHAA CONSTRUCTIONS
Visakhapatnam

Name of Agency : M/s SIMHAA CONSTRUCTIONS
 Project: AMTZ Medpolis Square 4554 Pvt.Ltd.
 Work: AMTZ 4554 Silt Floor RCC Works -Slab 01
 RAR No: RA 09

QUANTITY SUMMARY

| S.No | Description | Unit | Qty | Total Qty | Claimed Qty in RA 08 | This Bill Qty | Roundoff This Bill Qty C/o to Abstract |
|------|--|------|----------|-----------|----------------------|---------------|--|
| 1 | Slab 01 RCC Works <u>Shuttering</u> Slab 01 - Roof Beams Slab 01 RCC Shuttering Slab 01 - Staircase 01 & 02 | Sqm | 1075.600 | 2974.949 | 1089.000 | 1885.949 | 1886.000 |
| | | Sqm | 1840.084 | | | | |
| | | Sqm | 59.265 | | | | |
| 2 | RCC Slab 01 - Roof Beams Slab 01 RCC Slab 01 - Staircase 01 & 02 | Cum | 145.553 | 467.017 | 172.000 | 295.017 | 295.000 |
| | | Cum | 308.153 | | | | |
| | | Cum | 13.311 | | | | |
| 3 | Bar Bending Slab 01 - Roof Beams Slab 01 RCC Steel Slab 01 - Staircase 01 & 02 | MT | 54.906 | 81.852 | 33.000 | 48.852 | 49.000 |
| | | MT | 24.058 | | | | |
| | | MT | 2.888 | | | | |

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS

Project: AMTZ Medipolis Square 4554 Pvt.Ltd.

Work: AMTZ 4554 Silt Floor RCC Works -Slab 01

RAR No: RA 09

| Slab 01 - Roof Beam-RCC | | | | | | | | | |
|-------------------------------|--------------------|------------------------------|-----|--------|------------------|----------------|----------------|----------------|--|
| S.No | Grid | Description | UOM | Nos | L | W | D | Qty | Remarks |
| Grid (1-7) X-direction | | | | | | | | | |
| 1 | E-(3-6) E-(1-3) | B8 [600x625] B8 [450x625] | Cum | 1 1 | 17.375 29.550 | 0.600 0.450 | 0.450 0.450 | 4.691 5.984 | Beam not Executed as per Client Instructions |
| 2 | D-6-(4-6) | B11[300x625] | Cum | 1 | 20.375 | 0.300 | 0.450 | 2.751 | |
| 3 | | B12[230x625] | Cum | 1 | 6.350 | 0.230 | 0.450 | 0.657 | |
| 4 | D-4-(5) Lift | B13[200x625] | Cum | 1 | 1.800 | 0.200 | 0.450 | 0.162 | |
| | | | Cum | -1 | 0.200 | 0.200 | 0.450 | -0.018 | |
| | D-(1-5,1) | B16[600x625] | Cum | 1 | 37.450 | 0.600 | 0.450 | 10.112 | |
| | D-(5,1-6) | B16[450x625] | Cum | 1 | 9.925 | 0.450 | 0.450 | 2.010 | |
| 5 | Column | B16[600x625] | Cum | -1 | 1.200 | 0.300 | 0.450 | -0.162 | |
| | D-(6-7) | B16[600x625] | Cum | 1 | 9.775 | 0.600 | 0.450 | 2.639 | |
| 6 | In b/w D&C | B18[230x625] | Cum | 1 | 63.000 | 0.230 | 0.450 | 6.521 | |
| 7 | C-(1-7) | B20[600x625] | Cum | 1 | 56.700 | 0.600 | 0.450 | 15.309 | |
| 8 | In b/w C&B | B22[230x625] | Cum | 1 | 52.875 | 0.230 | 0.450 | 5.473 | |
| 9 | B-(2-7) | B23[600x625] | Cum | 1 | 47.475 | 0.600 | 0.450 | 12.818 | |
| 10 | A-2-(2,1-3) | B24[300x625] | Cum | 1 | 5.750 | 0.300 | 0.450 | 0.776 | |
| 11 | | B25[200x625] | Cum | 1 | 1.550 | 0.200 | 0.450 | 0.140 | |
| 12 | In b/w A,1&A,2 | B26[230x625] | Cum | 1 | 43.750 | 0.230 | 0.450 | 4.528 | |
| 13 | A,1-(2,1-3) | B27[200x625] | Cum | 1 | 5.250 | 0.200 | 0.450 | 0.473 | |
| 14 | A-(1-1,1) | B30[600x625] | Cum | 1 | 8.700 | 0.600 | 0.450 | 2.349 | |
| | A-(2-2,1) | B30[300x625] | Cum | 1 | 3.400 | 0.300 | 0.450 | 0.459 | |
| | A-(2,1-2,3) | B30[200x625] | Cum | 1 | 4.000 | 0.200 | 0.450 | 0.360 | |
| | A-(2,3-7) | B30[600x625] | Cum | 1 | 39.900 | 0.600 | 0.450 | 10.773 | |
| Grid (A-E) Y-direction | | | | | | | | | |
| 15 | 1-(A-D,3) | B37[450x625] | Cum | 1 | 25.875 | 0.450 | 0.450 | 5.240 | |
| 16 | | B38[230x625] | Cum | 1 | 10.725 | 0.230 | 0.450 | 1.110 | |
| 17 | 2-(A-A,2) | B41[375x625] | Cum | 1 | 6.000 | 0.375 | 0.450 | 1.013 | |
| | 2-(A,2-D,3) | B41[450x625] | Cum | 1 | 20.245 | 0.450 | 0.450 | 4.100 | |
| 18 | 2,1-(A,1-A,2) | B42[200x625] | Cum | 1 | 3.500 | 0.200 | 0.450 | 0.315 | |
| 19 | 2,1-(B-D,3) | B43[230x625] | Cum | 1 | 18.320 | 0.230 | 0.450 | 1.896 | |
| 20 | 2,3-(A,1-A,3) | B44[200x625] | Cum | 1 | 3.300 | 0.200 | 0.450 | 0.297 | |
| 21 | 3-(A-B) | B45[600x625] | Cum | 1 | 6.995 | 0.600 | 0.450 | 1.889 | |

For M/s. SIMHAA CONSTRUCTIONS



 Managing Partner

| S.No | Grid | Description | UOM | Nos | L | W | D | Qty | Remarks |
|--------------|----------------------|--|-----|-----|--------|-------|-------|--------|--|
| 22 | 3-(B-D,3) Column | B45[450x625] | Cum | 1 | 17.720 | 0.450 | 0.450 | 3.588 | |
| | | | Cum | -1 | 0.225 | 0.450 | 0.450 | -0.046 | |
| 23 | 4-(A-E) | B46[230x625] B49[450x625] | Cum | 1 | 23.785 | 0.230 | 0.450 | 2.462 | |
| 24 | | B67[300x625] | Cum | 1 | 30.510 | 0.450 | 0.450 | 6.178 | |
| 25 | | B67[300x625] | Cum | 1 | 7.920 | 0.300 | 0.450 | 1.069 | |
| 26 | in b/w 4&5 | B52[230x625] | Cum | 1 | 23.860 | 0.230 | 0.450 | 2.470 | |
| 27 | | B68[300x625] | Cum | 1 | 5.770 | 0.300 | 0.450 | 0.779 | |
| 28 | 5-(A-E) Lift wall | B53[300x625] B54[450x625] | Cum | 1 | 7.720 | 0.300 | 0.450 | 1.042 | |
| | | | Cum | 1 | 29.865 | 0.450 | 0.450 | 6.048 | |
| 29 | | B56[200x625] | Cum | -1 | 0.300 | 0.200 | 0.450 | -0.027 | |
| 30 | in b/w 5&6 | B57[230x625] | Cum | 1 | 5.445 | 0.200 | 0.450 | 0.490 | |
| 31 | 6-(A-E) Column | B57[230x625] B58[450x625] B60[450x625] | Cum | 1 | 23.860 | 0.230 | 0.450 | 2.470 | |
| | | | Cum | 1 | 6.150 | 0.450 | 0.450 | 1.245 | |
| 32 | | B60[450x625] | Cum | 1 | 30.810 | 0.450 | 0.450 | 6.239 | |
| 33 | in b/w 6&7 | B62[230x450] B66[450x625] | Cum | -1 | 1.200 | 0.450 | 0.450 | -0.243 | |
| | | | Cum | 1 | 24.085 | 0.230 | 0.450 | 2.493 | |
| 34 | 7-(A-D) | B66[450x625] B66[300x450] | Cum | 1 | 22.885 | 0.450 | 0.450 | 4.634 | Beam not Executed as per Client Instructions |
| | | | Cum | 1 | 7.925 | 0.300 | 0.275 | | |
| Total | | | | | | | | | |
| | | | | | | | | | 145.553 |
| | | | | | | | | | Cum |

Slab 01 - Roof Beam-Shuttering

| S.No | Grid | Description | UOM | Nos | L | W | D | Qty | Remarks |
|-------------------------------|-----------------------|------------------------------|-----|-----|--------|-------|-------|--------|--|
| Grid (1-7) X-direction | | | | | | | | | |
| 1 | E-(3-6) E-(1-3) | B8 [600x625] B8 [450x625] | sqm | 1 | 17.375 | 0.600 | 0.450 | 26.063 | |
| | | | sqm | 1 | 29.550 | 0.450 | 0.450 | 39.893 | Beam not Executed as per Client Instructions |
| 2 | D-6-(4-6) | B11[300x625] | sqm | 1 | 9.775 | 0.300 | 0.275 | | |
| 3 | D-4-(5) | B11[300x625] B12[230x625] | sqm | 1 | 20.375 | 0.300 | 0.450 | 24.450 | |
| | | | sqm | 1 | 6.350 | 0.230 | 0.450 | 7.176 | |
| 4 | D-4-(5) D-4-(5,1) | B13[200x625] B16[600x625] | sqm | 1 | 1.050 | 0.200 | 0.450 | 1.155 | |
| | | | sqm | 1 | 37.450 | 0.600 | 0.450 | 56.175 | |
| 5 | D-5-1-6 Column | B16[450x625] | sqm | 1 | 10.025 | 0.450 | 0.450 | 13.534 | |
| | | | sqm | -1 | 1.200 | 0.450 | 0.450 | -0.540 | |
| 6 | D-(6-7) In b/w D&C | B16[600x625] B18[230x625] | sqm | 1 | 9.775 | 0.600 | 0.450 | 14.663 | |
| | | | sqm | 1 | 62.100 | 0.230 | 0.450 | 70.173 | |
| 7 | C-(1-7) | B20[600x625] | sqm | 1 | 56.700 | 0.600 | 0.450 | 85.050 | |
| 8 | In b/w C&B | B22[230x625] | sqm | 1 | 51.975 | 0.230 | 0.450 | 58.732 | |

For M/s. SIMHA CONSTRUCTIONS

| S.No | Grid | Description | UOM | Nos | L | W | D | Qty | Remarks |
|-------------------------------|----------------|--------------|-----|-----|--------|-------|-------|-----------------|--|
| 9 | B-(2-7) | B23[600x625] | sqm | 1 | 47.475 | 0.600 | 0.450 | 71.213 | |
| 10 | A-2-(2.1-3) | B24[300x625] | sqm | 1 | 5.150 | 0.300 | 0.450 | 6.180 | |
| 11 | | B25[200x625] | sqm | 1 | 0.750 | 0.200 | 0.450 | 0.825 | |
| 12 | In B/w A.1&A.2 | B26[230x625] | sqm | 1 | 42.700 | 0.230 | 0.450 | 48.251 | |
| 13 | A.1-(2.1-3) | B27[200x625] | sqm | 1 | 4.650 | 0.200 | 0.450 | 5.115 | |
| | A-(1-1.1) | B30[600x625] | sqm | 1 | 8.700 | 0.600 | 0.450 | 13.050 | |
| | A-(2-2.1) | B30[300x625] | sqm | 1 | 3.400 | 0.300 | 0.450 | 4.080 | |
| 14 | A-(2.1-2.3) | B30[200x625] | sqm | 1 | 4.000 | 0.200 | 0.450 | 4.400 | |
| | A-(2.3-7) | B30[600x625] | sqm | 1 | 39.900 | 0.600 | 0.450 | 59.850 | |
| Grid (A-E) Y-direction | | | | | | | | | |
| 15 | 1-(A-D.3) | B37[450x625] | sqm | 1 | 26.100 | 0.450 | 0.450 | 35.235 | |
| 16 | | B38[230x625] | sqm | 1 | 11.555 | 0.230 | 0.450 | 13.057 | |
| 17 | 2-(A-A.2) | B41[375x625] | sqm | 1 | 6.000 | 0.375 | 0.450 | 7.650 | |
| | 2-(A.2-D.3) | B41[450x625] | sqm | 1 | 19.805 | 0.450 | 0.450 | 26.737 | |
| 18 | 2.1-(A.1-A.2) | B42[200x625] | sqm | 1 | 3.500 | 0.200 | 0.450 | 3.850 | |
| 19 | 2.1-(B-D.3) | B43[230x625] | sqm | 1 | 19.980 | 0.230 | 0.450 | 22.577 | |
| 20 | 2.3-(A.1-A.3) | B44[200x625] | sqm | 1 | 3.500 | 0.200 | 0.450 | 3.850 | |
| 21 | 3-(A-B) | B45[600x625] | sqm | 1 | 7.925 | 0.600 | 0.450 | 11.888 | |
| | 3-(B-D.3) | B45[450x625] | sqm | 1 | 17.730 | 0.450 | 0.450 | 23.936 | |
| 22 | In b/w 3&4 | B46[230x625] | sqm | 1 | 25.675 | 0.230 | 0.450 | 29.013 | |
| 23 | 4-(A-E) | B49[450x625] | sqm | 1 | 31.500 | 0.450 | 0.450 | 42.525 | |
| 24 | In b/w 4&5 | B67[300x625] | sqm | 1 | 8.450 | 0.300 | 0.450 | 10.140 | |
| 25 | | B52[230x625] | sqm | 1 | 25.750 | 0.230 | 0.450 | 29.098 | |
| 26 | | B68[300x625] | sqm | 1 | 6.000 | 0.300 | 0.450 | 7.200 | |
| 27 | | B53[300x625] | sqm | 1 | 8.450 | 0.300 | 0.450 | 10.140 | |
| 28 | 5-(A-E) | B54[450x625] | sqm | 1 | 31.050 | 0.450 | 0.450 | 41.918 | |
| | | Lift walls | sqm | -1 | 0.500 | | 0.450 | -0.225 | |
| 29 | In b/w 5&6 | B56[200x625] | sqm | 1 | 5.350 | 0.200 | 0.450 | 5.885 | |
| 30 | | B57[230x625] | sqm | 1 | 25.750 | 0.230 | 0.450 | 29.098 | |
| 31 | | B58[450x625] | sqm | 1 | 6.150 | 0.450 | 0.450 | 8.303 | |
| 32 | 6-(A-E) | B60[450x625] | sqm | 1 | 31.500 | 0.450 | 0.450 | 42.525 | |
| | Column | | sqm | 1 | 1.200 | | 0.450 | 0.540 | |
| 33 | In b/w 6&7 | B62[230x450] | sqm | 1 | 25.975 | 0.230 | 0.450 | 29.352 | |
| | 7-(A-D) | B66[450x625] | sqm | 1 | 23.575 | 0.450 | 0.450 | 31.826 | |
| 34 | | B66[300x450] | sqm | 1 | 7.925 | 0.300 | 0.275 | | Beam not Executed as per Client Instructions |
| Total | | | | | | | | 1075.600 | Sqm |

For M/s. SIMHAA CONSTRUCTIONS



 (KAN BATHU)
 Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS
 Project: AMITZ Medpolis Square 4554 Pvt.Ltd.
 Work: AMITZ 4554 Silt Floor RCC Works -Slab 01
 RAR No: RA 09

| Slab 01 - RCC | | | | | | | | |
|---------------|---|------|-----|----------|-------|-------|----------------|------------|
| S.No | Description | Unit | Nos | L | W | D | Qty | Remarks |
| 1 | Slab | Cum | 1 | 2268.000 | | 0.175 | 396.900 | |
| | <u>Deduct</u> | | | | | | | |
| | Ramp area | Cum | -1 | 172.256 | | 0.175 | -30.145 | |
| | Cutouts at (D-E) (5-6) | | | | | | | |
| | Duct-01 | Cum | -1 | 3.202 | | 0.175 | -0.560 | |
| | Duct-02 | Cum | -1 | 1.199 | | 0.175 | -0.210 | |
| | Duct-03 | Cum | -1 | 0.901 | | 0.175 | -0.158 | |
| | Duct-04 | Cum | -1 | 1.799 | | 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 | 20.880 | | 0.175 | -3.654 | |
| | Double height-01 | Cum | -1 | 91.119 | | 0.175 | -15.946 | |
| | Cutouts at (A-C) (1-3) | | | | | | | |
| | Duct-05 | | -1 | 0.750 | | 0.175 | -0.131 | |
| | Double height-02 | | -1 | 163.294 | | 0.175 | -28.576 | |
| | Staircase-02 | | -1 | 22.433 | | 0.175 | -3.926 | |
| | Lift-03 | | -1 | 5.992 | | 0.175 | -1.049 | |
| | Lift-04 | | -1 | 5.992 | | 0.175 | -1.049 | |
| | Deduct for Un-Executed Beam area | | | | | | | |
| | B8 [300x450] | | -1 | 9.775 | 0.300 | 0.175 | -0.513 | |
| | B66[300x450] | | -1 | 7.925 | 0.300 | 0.175 | -0.416 | |
| | Total | | | | | | 308.153 | Cum |

| Slab 01 - Shuttering | | | | | | | | |
|----------------------|----------------------|-----|---|----------|--|-------|----------|--|
| | Slab (Bottom) | sqm | 1 | 2268.000 | | 0.175 | 2268.000 | |
| | Slab sides | sqm | 1 | 198.000 | | 0.175 | 34.650 | |
| | Cut out sides | | | | | | | |

For M/s. SIMHAA CONSTRUCTIONS


 (KAN KAJU)
 Managing Partner

| S.No | Description | Unit | Nos | L | W | D | Qty | Remarks |
|-------------------------------|---|------|-----|---------|-------|-------|----------|---------|
| Cutouts at (D-E) (S-6) | | | | | | | | |
| | Duct-01 | sqm | 1 | 8.200 | | 0.175 | 1.435 | |
| | Duct-02 | sqm | 1 | 4.699 | | 0.175 | 0.822 | |
| | Duct-03 | sqm | 1 | 3.902 | | 0.175 | 0.683 | |
| | Duct-04 | sqm | 1 | 7.199 | | 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 | 19.098 | | 0.175 | 3.342 | |
| | Double height-01 | sqm | 1 | 38.564 | | 0.175 | 6.749 | |
| Cutouts at (A-C) (1-3) | | | | | | | | |
| | Duct-05 | sqm | 1 | 3.501 | | 0.175 | 0.613 | |
| | Double height-02 | sqm | 1 | 54.150 | | 0.175 | 9.476 | |
| | Staircase-02 | sqm | 1 | 19.998 | | 0.175 | 3.500 | |
| | Lift-03 | sqm | 1 | 9.992 | | 0.175 | 1.749 | |
| | Lift-04 | sqm | 1 | 9.992 | | 0.175 | 1.749 | |
| | Ramp area | sqm | 1 | 73.042 | | 0.175 | 12.782 | |
| | Deduct | | | | | | | |
| | Ramp area | sqm | -1 | 172.256 | | | -172.256 | |
| Cutouts at (D-E) (S-6) | | | | | | | | |
| | Duct-01 | sqm | -1 | 3.202 | | | -3.202 | |
| | Duct-02 | sqm | -1 | 1.199 | | | -1.199 | |
| | Duct-03 | sqm | -1 | 0.901 | | | -0.901 | |
| | Duct-04 | sqm | -1 | 1.799 | | | -1.799 | |
| | Lift-01 | sqm | -1 | 6.000 | | | -6.000 | |
| | Lift-02 | sqm | -1 | 6.000 | | | -6.000 | |
| | Staircase-01 | sqm | -1 | 20.880 | | | -20.880 | |
| | Double height-01 | sqm | -1 | 91.119 | | | -91.119 | |
| Cutouts at (A-C) (1-3) | | | | | | | | |
| | Duct-05 | sqm | -1 | 0.750 | | | -0.750 | |
| | Double height-02 | sqm | -1 | 163.294 | | | -163.294 | |
| | Staircase-02 | sqm | -1 | 22.433 | | | -22.433 | |
| | Lift-03 | sqm | -1 | 5.992 | | | -5.992 | |
| | Lift-04 | sqm | -1 | 5.992 | | | -5.992 | |
| | Deduct for Un-Executed Beam area | | | | | | | |
| | B8 [300x450] | | -1 | 9.775 | 0.300 | 0.175 | -4.643 | |
| | B66[300x450] | | -1 | 7.925 | 0.300 | 0.175 | -3.764 | |

For M/s. SIMHAA CONSTRUCTIONS



 (KAN RAJ)
 Managing Partner

| S.No | Description | Unit | Nos | L | W | D | Qty | Remarks | |
|-------|-------------|------|-----|---|---|---|-----|----------|-----|
| Total | | | | | | | | 1840.084 | sqm |

For M/s. SIMHAA CONSTRUCTIONS


 (KAN KAJID)
 Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS
 Project: AMTZ Medpolis Square 4554 Pvt.Ltd.
 Work: AMTZ 4554 Stilt Floor RCC Works -Slab 01
 RAR No: RA 09

| Staircase-RCC | | | | | | | | | |
|-------------------------|-------------------|------|-----|-------|-------|-------|---------------|------------|--|
| S.No | Description | unit | Nos | L | H | W | Qty | Remarks | |
| Staircase-01-RCC | | | | | | | | | |
| 1 | Flight-I+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*H*H | |
| 5 | MLB1 | Cum | 1 | 3.400 | 0.450 | 0.230 | 0.352 | | |
| Staircase-02-RCC | | | | | | | | | |
| 1 | Flight-I+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*H*H | |
| 5 | MLB1 | Cum | 1 | 2.430 | 0.450 | 0.230 | 0.252 | | |
| Total | | | | | | | 13.311 | Cum | |

| Staircase-Shuttering | | | | | | | | | |
|--------------------------------|--------------------|------|-----|-------|-------|-------|--------|---------|--|
| S.No | Description | unit | Nos | L | H | W | Qty | Remarks | |
| Staircase-01-Shuttering | | | | | | | | | |
| 1 | Flight-I+Landing | Sqm | 1 | 4.965 | 1.600 | | 7.944 | | |
| | Sides | Sqm | 1 | 3.102 | | 0.250 | 0.776 | | |
| 2 | Flight-II+Landing | Sqm | 1 | 7.024 | 1.600 | | 11.238 | | |
| | Sides | Sqm | 1 | 3.012 | | 0.250 | 0.753 | | |
| 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 | | | | | | | | | |

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

| S.No | Description | Unit | Nos | L | H | W | Qty | Remarks | |
|--------------|---------------------------|------|-----|-------|-------|-------|--------|-------------------|--|
| 1 | Fight-1+Landing Sides | Sqm | 1 | 4.865 | 1.600 | | 7.784 | | |
| | | Sqm | 1 | 3.027 | | 0.250 | 0.757 | | |
| 2 | Fight-II+Landing Sides | Sqm | 1 | 6.824 | 1.600 | | 10.918 | | |
| | | Sqm | 1 | 2.937 | | 0.250 | 0.734 | | |
| 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*1*11 | |
| | LBI_Inside | Sqm | 1 | 3.255 | | 0.200 | 1.302 | | |
| 5 | LBI_outside+ bottom | Sqm | 1 | 3.255 | 0.230 | 0.450 | 2.213 | | |
| Total | | | | | | | | S9.265 Sqm | |

For M/s. SIMHAA CONSTRUCTIONS



(KORN KAJU)
Managing Partner

Name of Agency : M/s SIMHAA CONSTRUCTIONS
 Project: AMTZ Medpolis Square 4554 Pvt.Ltd.
 Work: AMTZ 4554 Silt Floor RCC Works -Slab 01
 RAR No: RA 09

STEEL QTY SUMMARY

| S.no. | Description | 8mm (Ton) | 10mm (Ton) | 12mm (Ton) | 16mm (Ton) | 20mm (Ton) | 25mm (Ton) | 32mm (Ton) | Total |
|------------------------|---------------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 1 | Slab 01 - Roof Beams | - .0 | 3.432 | 14.474 | - .0 | 4.307 | 22.763 | 9.930 | 54.906 |
| 2 | Slab 01 - Slab Reinforcement | - .0 | 24.058 | - .0 | - .0 | - .0 | - .0 | - .0 | 24.058 |
| 3 | Slab 01 - Staircase 01 & 02 | 0.237 | 0.055 | - .0 | 2.501 | 0.095 | - .0 | - .0 | 2.888 |
| | Total | 0.237 | 27.545 | 14.474 | 2.501 | 4.402 | 22.763 | 9.930 | |
| Total Qty In MT | | | | | | | | | 81.852 |

For M/s. SIMHAA CONSTRUCTIONS

 (KAN RAJU)
 Managing Partner

RA 09 - BBS SCHEDULE- AMS 4554 - SLAB 01 - Roof Beam (All dimension are in mm)

| 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 | | mm | mm | 45° | | 90° | 135° | 180° | (m) | No. of Bars | No. of Members | Total Nos. | m | 8 | 10 | 12 | 16 | 20 | 25 | 32 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IB | 525 | 450 | 625 | Top Main | 25 mm | | | 25 | 4400 | 275 $\overbrace{\hspace{1.5cm}}^{52275}$ 363 2 90 bends 11200 | 25 | 50 | 75 | 100 | 57.213 | 4 | 1 | 4 | 228.850 | | | | | | | 228.850 | | | | | | | | |
| | 600 | 300 | 450 | Top Main | 25 mm | | | 25 | | 275 $\overbrace{\hspace{1.5cm}}^{52275}$ 363 2 90 bends 11200 | 25 | 50 | 75 | 100 | 57.213 | 4 | 1 | 4 | 228.850 | | | | | | | 228.850 | | | | | | | | |
| | 600 | 450 | 625 | Bot. Main | 25 mm | | | | 4400 | 275 $\overbrace{\hspace{1.5cm}}^{52275}$ 363 2 90 bends 11200 | 25 | 50 | 75 | 100 | 57.213 | 4 | 1 | 4 | 228.850 | | | | | | | 228.850 | | | | | | | | |
| No. 1 column | | 300 | 450 | Bot. Main | 20 mm | | | | | 275 $\overbrace{\hspace{1.5cm}}^{52275}$ 363 2 90 bends 11200 | 20 | 40 | 60 | 80 | 57.148 | 3 | 1 | 3 | 0.000 | | | | | | | 0.000 | | | | | | | | |
| | T | 0 | 0 | Top Extra | 32 mm | | | | | 275 $\overbrace{\hspace{1.5cm}}^{3425}$ 1 90 bends | 32 | 64 | 96 | 128 | 3.636 | 4 | 1 | 4 | 14.544 | | | | | | | 14.544 | | | | | | | | |
| | 900 | 0 | 0 | Top Extra | 32 mm | | | | | 5715 | 32 | 64 | 96 | 128 | 5.715 | 4 | 1 | 4 | 22.860 | | | | | | | 22.860 | | | | | | | | |
| | | | | Top Extra | 32 mm | | | | | 5855 | 32 | 64 | 96 | 128 | 5.855 | 4 | 1 | 4 | 23.420 | | | | | | | 23.420 | | | | | | | | |
| | | | | Top Extra | 32 mm | | | | | 2 $\overbrace{\hspace{1.5cm}}^{6280}$ no's | 32 | 64 | 96 | 128 | 6.280 | 8 | 1 | 8 | 50.240 | | | | | | | 50.240 | | | | | | | | |
| | | | | Top Extra | 32 mm | | | | | 363 $\overbrace{\hspace{1.5cm}}^{5565}$ 1 90 bends | 32 | 64 | 96 | 128 | 3.804 | 4 | 1 | 4 | 15.454 | | | | | | | 15.454 | | | | | | | | |
| | | | | Bottom Extra | 20 mm | | | | 275 | 3425 | 20 | 40 | 60 | 80 | 3.425 | 2 | 1 | 2 | 6.850 | | | | | | | 6.850 | | | | | | | | |
| | | | | Bottom Extra | 20 mm | | | | | 7140 | 20 | 40 | 60 | 80 | 7.140 | 2 | 1 | 2 | 14.280 | | | | | | | 14.280 | | | | | | | | |
| | | | | Bottom Extra | 20 mm | | | | | 5715 | 20 | 40 | 60 | 80 | 5.715 | 2 | 1 | 2 | 11.430 | | | | | | | 11.430 | | | | | | | | |
| | | | | Bottom Extra | 20 mm | | | | | 6330 | 20 | 40 | 60 | 80 | 6.330 | 2 | 1 | 2 | 12.660 | | | | | | | 12.660 | | | | | | | | |
| | | | | Bottom Extra | 25 mm | | | | | 3855 | 25 | 50 | 75 | 100 | 3.855 | 2 | 1 | 2 | 11.710 | | | | | | | 11.710 | | | | | | | | |
| | | | | Bottom Extra | 25 mm | | | | | 7520 | 25 | 50 | 75 | 100 | 7.520 | 2 | 1 | 2 | 15.040 | | | | | | | 15.040 | | | | | | | | |
| | | | | Bottom | | | | | | 2 no's | | | | | | | | | | | | | | | | | | | | | | | | |

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

RA 09 - BBS SCHEDULE- AMS 4554 - SLAB 01 - Roof Beam (All dimension are in mm)

| Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Bend Deep Length h | Cove r | Overla p | 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 | | mm | mm | 45° | | 90° | 135° | 180° | (m) | No. of Bars | No. of Members | Total Nos. | m | 8 | 10 | 12 | 14 | 20 | 25 | 32 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 10 | 12 |
| 450 | 625 | 17450 | 100 | Extra | 20 mm | 25 | 25 | 25 | 6280 | 20 | 40 | 60 | 80 | 6280 | 4 | x 1 | = 4 | 25.120 | | | | | | | | | | | | | | | | | | | |
| | | | | Bottom | 20 mm | | | | | | | | | | | | | | | | | | | | | | 7520 | 4 | x 1 | = 4 | 30.080 | | | | | | |
| | | | | Bottom | 25 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | 3565 | 2 | x 1 | = 2 | 7.855 | |
| 600 | 625 | 20550 | 100 | Straps | 12 mm | 25 | 25 | 144 | 400 | 575 | 12 | 24 | 36 | 48 | 2.094 | 176 | x 1 | = 176 | 368.544 | | | | | | | | | | | | | | | | | | |
| | | | | Straps | 12 mm | | | | | | | | | | | | | | | | | | | | | | | 180 | 144 | 176 | x 1 | = 176 | 291.280 | | | | |
| 200 | 450 | 9850 | 100 | Straps | 12 mm | 25 | 25 | 144 | 550 | 575 | 12 | 24 | 36 | 48 | 2.394 | 297 | x 1 | = 297 | 711.018 | | | | | | | | | | | | | | | | | | |
| | | | | Straps | 12 mm | | | | | | | | | | | | | | | | | | | | | | | 230 | 144 | 297 | x 1 | = 297 | 521.235 | | | | |
| B16 | 63000 | 450 | 625 | Straps | 10 mm | 25 | 25 | 120 | 260 | 400 | 40 | 20 | 30 | 40 | 1.420 | 100 | x 4 | = 100 | 0.000 | | | | | | | | | | | | | | | | | | |
| | | | | Top Main | 25 mm | | | | | | | | | | | | | | | | | | | | | | | 62950 | 363 | 25 | 50 | 75 | 100 | | 69.075 | 4 | x 1 |
| No. 1 | 900 | 450 | 1200 | Bot. Main | 25 mm | 25 | 25 | 5500 | 363 | 62950 | 25 | 50 | 75 | 100 | 69.075 | 4 | x 1 | = 4 | 276.300 | | | | | | | | | | | | | | | | | | |
| | | | | Top Extra | 32 mm | | | | | | | | | | | | | | | | | | | | | | | 3425 | 363 | 32 | 64 | 96 | 128 | | 3.724 | 4 | x 1 |
| col size | 900 | 450 | 1200 | Top Extra | 32 mm | 25 | 25 | 5715 | 32 | 64 | 96 | 128 | 4.715 | 4 | x 1 | = 4 | 22.860 | | | | | | | | | | | | | | | | | | | | |
| | | | | Top Extra | 32 mm | | | | | | | | | | | | | | | | | | | | | | | 5855 | 32 | 64 | 96 | 128 | 5.855 | 4 | x 1 | = 4 | 23.420 |
| | | | | Top Extra | 32 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Top Extra | 32 mm | | | | | | | | | | | | | | | | | | | | | | | 4960 | 32 | 64 | 96 | 128 | 4.960 | 2 | x 1 | = 2 | 9.920 |
| | | | | Top Extra | 32 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

For M/s. SIMHAA CONSTRUCTIONS



 (KAN RAJ)

 Managing Partner

RA 09 - BBS SCHEDULE- AMS 4554 - SLAB 01 - Roof Beam (All dimension are in mm)

| Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Head/ Dep Leag h | Cove r | Overla p | Bar Shape | Bend Deductions | | | | Cutting Length | No. of Bars | | | Total Length | Total Length with Dis. (m) | | | | | | | | | | | | |
|--------|-----------|-----------|-----------|-----------------|-------|-------------------|---------------------------|-----------|-------------|--|---------------------------------|----|----|-----|-------------------|-------------|-----|-----|-----------------|----------------------------|------|------|-----|----------------|-------------------|---------------|--------|--------|----|----|----|----|
| | L (mm) | B (mm) | H (mm) | | | | | | | | Particular Placing of Bar | mm | mm | mm | | mm | mm | 45° | | 90° | 135° | 180° | (m) | No. of Bars | No. of Members | Total Nos. | m | 8 | 10 | 12 | 16 | 20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9050 | 1360 | | Top Extra | 32 mm | | | | | 3820 no.s 4460 3565 1 90 bends | 32 | 64 | 96 | 128 | 4.460 | 4 | x 1 | = 4 | 17.840 | | | | | | | | | 17.840 | | | | |
| | | | | Top Extra | 32 mm | | | | | 363 | 32 | 64 | 96 | 128 | 3.864 | 4 | x 1 | = 4 | 15.454 | | | | | | | | | 15.454 | | | | |
| | | | | Bottom Extra | 20 mm | | | | | 363 | 20 | 40 | 60 | 80 | 3.813 | 2 | x 1 | = 2 | 7.625 | | | | | | | | 7.625 | | | | | |
| | | | | Bottom Extra | 20 mm | | | | | 3450 | 20 | 40 | 60 | 80 | 6.330 | 2 | x 1 | = 2 | 12.660 | | | | | | | | 12.660 | | | | | |
| | | | | Bottom Extra | 20 mm | | | | | 6330 | 20 | 40 | 60 | 80 | 5.855 | 2 | x 1 | = 2 | 11.710 | | | | | | | | 11.710 | | | | | |
| | 10750 | 1615 | | Bottom Extra | 32 mm | | | | | 5855 | 32 | 64 | 96 | 128 | 7.520 | 4 | x 1 | = 4 | 30.080 | | | | | | | | 30.080 | | | | | |
| | | | | Bottom Extra | 25 mm | | | | | 7520 | 25 | 50 | 75 | 100 | 6.350 | 2 | x 1 | = 2 | 12.700 | | | | | | | | 12.700 | | | | | |
| | 11025 | 1685 | | Bottom Extra | 32 mm | | | | | 6350 | 32 | 64 | 96 | 128 | 7.715 | 2 | x 1 | = 2 | 15.430 | | | | | | | | 15.430 | | | | | |
| | | | | Bottom Extra | 25 mm | | | | | 7715 | 25 | 50 | 75 | 100 | 5.900 | 2 | x 1 | = 2 | 11.800 | | | | | | | | 11.800 | | | | | |
| | 7250 | 1090 | | Bottom Extra | 32 mm | | | | | 5900 | 32 | 64 | 96 | 128 | 5.090 | 2 | x 1 | = 2 | 10.180 | | | | | | | | 10.180 | | | | | |
| | | | | Bottom Extra | 25 mm | | | | | 5090 | 25 | 50 | 75 | 100 | 3.820 | 2 | x 1 | = 2 | 7.640 | | | | | | | | 7.640 | | | | | |
| | | | | Bottom Extra | 20 mm | | | | | 3820 | 20 | 40 | 60 | 80 | 4.460 | 2 | x 1 | = 2 | 8.920 | | | | | | | | 8.920 | | | | | |
| | 10750 | 1615 | | Bottom Extra | 20 mm | | | | | 4460 | 20 | 40 | 60 | 80 | 7.520 | 2 | x 1 | = 2 | 15.040 | | | | | | | | 15.040 | | | | | |
| | 10200 | 1530 | | Bottom Extra | 32 mm | | | | | 7520 | 32 | 64 | 96 | 128 | 7.140 | 2 | x 1 | = 2 | 14.280 | | | | | | | | 14.280 | | | | | |
| | | | | Bottom Extra | 20 mm | | | | | 7140 | 20 | 40 | 60 | 80 | 5.735 | 2 | x 1 | = 2 | 11.470 | | | | | | | | 11.470 | | | | | |
| | | | | | | | | | | 5715 | | | | | | | | | | | | | | | | | | | | | | |

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

RA 09 - BBS SCHEDULE- AMS 4554 - SLAB 01 - Roof Beam (All dimension are in mm)

| Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Bend/Devp Length h | Cove r | Overla p | 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 | | mm | mm | mm | | 45° | 90° | 135° | 180° | (m) | No. of Bars | No. of Members | Total Nos. | m | 8 | 10 | 12 | 16 | 20 | 25 | 32 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450 | 625 | 8725 | 100 mm c/c | Stirrups | 12 mm | 150 mm c/c | | 25 | | 144 3565 363 | 20 | 40 | 60 | 80 | 3.928 | 2 | 1 | 2 | 7.855 | | | | | | 7.855 | | | | | | | | | | |
| 600 | 625 | 36545 | 100 mm c/c | Stirrups | 12 mm | 150 mm c/c | | 25 | | 144 400 375 | 12 | 24 | 36 | 48 | 2.094 | 79 | 1 | 79 | 165.426 | | | 165.426 | | | | | | | | | | | | | |
| 600 | 625 | 36545 | 100 mm c/c | Stirrups | 12 mm | 150 mm c/c | | 25 | | 144 550 375 | 12 | 24 | 36 | 48 | 2.394 | 326 | 1 | 326 | 780.444 | | | 780.444 | | | | | | | | | | | | | |
| 600 | 625 | 9775 | 100 mm c/c | Stirrups | 12 mm | 150 mm c/c | | 25 | | 144 250 375 | 12 | 24 | 36 | 48 | 1.755 | 326 | 1 | 326 | 572.130 | | | 572.130 | | | | | | | | | | | | | |
| 600 | 625 | 9775 | 100 mm c/c | Stirrups | 12 mm | 150 mm c/c | | 25 | | 144 550 375 | 12 | 24 | 36 | 48 | 2.394 | 88 | 1 | 88 | 210.672 | | | 210.672 | | | | | | | | | | | | | |
| 600 | 625 | 9775 | 100 mm c/c | Stirrups | 12 mm | 150 mm c/c | | 25 | | 144 240 375 | 12 | 24 | 36 | 48 | 1.775 | 88 | 1 | 88 | 156.200 | | | 156.200 | | | | | | | | | | | | | |
| 818 | 63000 | 230 | 625 | Top Main | 25 mm | | | 25 | 5500 | 363 62950 2 90 bends | 25 | 50 | 75 | 100 | 69.075 | 2 | 1 | 2 | 138.150 | | | | | | | 138.150 | | | | | | | | | |
| | 0 | 7 | | Bot. Main | 25 mm | | | | 5500 | 363 62950 2 90 bends | 25 | 50 | 75 | 100 | 69.075 | 2 | 1 | 2 | 138.150 | | | | | | | 138.150 | | | | | | | | | |
| | 230 | 450 | | Top Extra | 20 mm | | | | | 5880 | 20 | 40 | 60 | 80 | 5.880 | 2 | 1 | 2 | 11.760 | | | | | | 11.760 | | | | | | | | | | |
| | | | | Top Extra | 20 mm | | | | | 5855 | 20 | 40 | 60 | 80 | 5.855 | 2 | 1 | 2 | 11.710 | | | | | | 11.710 | | | | | | | | | | |
| | | | | Top Extra | 20 mm | | | | | 5830 3 5830 | 20 | 40 | 60 | 80 | 5.830 | 6 | 1 | 6 | 34.980 | | | | | | 34.980 | | | | | | | | | | |
| 230 | 625 | 38470 | 100 mm c/c | Stirrups | 10 mm | 150 mm c/c | | 25 | | 120 180 575 | 10 | 20 | 30 | 40 | 1.630 | 521 | 1 | 521 | 849.230 | | 849.230 | | | | | | | | | | | | | | |
| 820 | 63000 | 400 | 625 | Top Main | 25 mm | | | 25 | 5500 | 363 62950 2 90 bends | 25 | 50 | 75 | 100 | 69.075 | 4 | 1 | 4 | 276.300 | | | | | | | 276.300 | | | | | | | | | |
| | | | | Bot. Main | 25 mm | | | | 5500 | 363 62950 2 90 bends | 25 | 50 | 75 | 100 | 69.075 | 4 | 1 | 4 | 276.300 | | | | | | | 276.300 | | | | | | | | | |
| | | | | Top Extra | 12 mm | | | | | 363 3425 1 90 bends | 32 | 64 | 96 | 128 | 3.724 | 4 | 1 | 4 | 14.894 | | | | | | | 14.894 | | | | | | | | | |

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

RA 09 - BBS SCHEDULE- AMS 4554 - SLAB 01 - Roof Beam (All dimension are in mm)










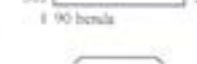




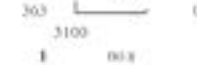
| Member | Size | | | Bar Detail | Dia | Sparing Of Bar | Bend/ Devp Length | Cover | Overlap | Bar Shape | Bend Deductions | | | | Cutting Length | No. of Bars | | | Total Length | Total Length with Dia. (m) | | | | | | |
|--------|-----------|-----------|------------|--------------|-------|-------------------|-------------------------|-------|---------|-----------|---------------------------------|----|----|-----|-------------------|-------------|----|-----|-----------------|----------------------------|---------|----------|-------|----------------|-------------------|---------------|
| | L (mm) | B (mm) | H (mm) | | | | | | | | Particular Placing of Bar | mm | mm | mm | | mm | mm | 45° | | 90° | 135° | 180° | (m) | No. of Bars | No. of Members | Total Nos. |
| | 44075 | 600 | 625 | Bot Main | 25 mm | | | 25 | | 363 | | | | | 44.888 | 4 | 1 | 4 | 179.550 | | | | | | | 179.550 |
| No. 6 | 600 | 0 | 0 | Top Extra | 25 mm | | | | | 363 | 2 | 50 | 75 | 100 | 3.763 | 2 | 1 | 2 | 7.525 | | | | | | | 7.525 |
| No. 7 | 900 | 0 | 0 | Top Extra | 25 mm | | | | | 4310 | 2 | 50 | 75 | 100 | 4.310 | 2 | 1 | 2 | 8.620 | | | | | | | 8.620 |
| | | | | Top Extra | 32 mm | | | | | 3900 | 4 | 64 | 96 | 128 | 3.900 | 4 | 1 | 4 | 15.600 | | | | | | | 15.600 |
| | | | | Top Extra | 32 mm | | | | | 3 nos | 12 | 64 | 96 | 128 | 6.184 | 12 | 1 | 12 | 74.208 | | | | | | | 74.208 |
| | | | | Top Extra | 32 mm | | | | | 1 nos | 4 | 64 | 96 | 128 | 3.896 | 4 | 1 | 4 | 15.582 | | | | | | | 15.582 |
| | | | | Bottom Extra | 20 mm | | | | | 3 nos | 2 | 40 | 60 | 80 | 3.900 | 2 | 1 | 2 | 7.800 | | | | 7.800 | | | |
| | 10750 | 1615 | | Bottom Extra | 25 mm | | | | | 3 nos | 6 | 50 | 75 | 100 | 7.520 | 6 | 1 | 6 | 45.120 | | | | | | | 45.120 |
| | | | | Bottom Extra | 25 mm | | | | | 3 nos | 6 | 50 | 75 | 100 | 6.280 | 6 | 1 | 6 | 37.680 | | | | | | | 37.680 |
| | 10750 | 1615 | | Bottom Extra | 32 mm | | | | | 1 nos | 2 | 64 | 96 | 128 | 7.520 | 2 | 1 | 2 | 15.040 | | | | | | | 15.040 |
| | | | | Bottom Extra | 25 mm | | | | | 1 nos | 2 | 50 | 75 | 100 | 3.903 | 2 | 1 | 2 | 7.805 | | | | | | | 7.805 |
| 300 | 625 | 6775 | 100 | Stirraps | 10 mm | | | 25 | | 120 | 69 | 20 | 30 | 40 | 1.770 | 69 | 1 | 69 | 122.130 | | 122.130 | | | | | |
| 400 | 625 | 47450 | 100 mm c/c | Stirraps | 12 mm | | | 25 | | 144 | 476 | 24 | 36 | 48 | 2.394 | 476 | 1 | 476 | 1139.544 | | | 1139.544 | | | | |
| | | | 100 mm c/c | Stirraps | 12 mm | | | | | 144 | 476 | 24 | 36 | 48 | 1.725 | 476 | 1 | 476 | 821.100 | | | 821.100 | | | | |
| B11 | 22475 | 300 | 625 | Top Main | 25 mm | | | 25 | 1100 | 363 | 2 | 50 | 75 | 100 | 14.200 | 2 | 1 | 2 | 48.400 | | | | | | | 48.400 |
| | 450 | 230 | | Bot Main | 25 mm | | | | 1100 | 363 | 2 | 50 | 75 | 100 | 14.200 | 2 | 1 | 2 | 48.400 | | | | | | | 48.400 |

For M/s. SIMHAA CONSTRUCTIONS



 (MANOJ RAJU)
 Managing Partner

RA 09 - BBS SCHEDULE- AMS 4554 - SLAB 01 - Roof Beam (All dimension are in mm)

| Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Bend/ Devp Length | Cove r | Overla p | 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 | | mm | mm | mm | | mm | mm | mm | mm | No. of Bars | No. of Members | Total Nos. | m | 8 | 10 | 12 | 16 | 20 | 25 | 32 |
| | 45° | 90° | 135° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 200 | 450 | 230 | | Bot. Main | 20 mm | | | | | 363  | 20 | 40 | 60 | 80 | 2.235 | 2 | x 1 | = 2 | 4.470 | | | | | | 4.470 | | | | | | | | | |
| | 625 | 750 | 100 mm c/c | Stirrups | 10 mm | | | 25 | | 120  | 10 | 20 | 30 | 40 | 1.570 | 9 | x 1 | = 9 | 14.130 | 14.130 | | | | | | | | | | | | | | |
| H27 | 8950 | 200 | 625 | Top Main | 25 mm | | | 25 | 1700 | 363  | 25 | 50 | 75 | 100 | 6.238 | 2 | x 1 | = 2 | 12.475 | | | | | | 12.475 | | | | | | | | | |
| | 600 | 200 | 300 | Bot. Main | 25 mm | | | 25 | 1700 | 363  | 25 | 50 | 75 | 100 | 6.238 | 2 | x 1 | = 2 | 12.475 | | | | | | 12.475 | | | | | | | | | |
| 200 | | | | Top Extra | 20 mm | | | | | 750  | 20 | 40 | 60 | 80 | 1.113 | 2 | x 1 | = 2 | 2.225 | | | | | | 2.225 | | | | | | | | | |
| | | | | Top Extra | 25 mm | | | | | 750  | 25 | 50 | 75 | 100 | 1.160 | 2 | x 1 | = 2 | 2.320 | | | | | | 2.320 | | | | | | | | | |
| 200 | 625 | 4650 | 100 mm c/c | Stirrups | 10 mm | 150 mm c/c | | 25 | | 120  | 10 | 20 | 30 | 40 | 1.570 | 41 | x 1 | = 41 | 64.370 | 64.370 | | | | | | | | | | | | | | |
| H27 | 29925 | 450 | 625 | Top Main | 20 mm | | | 25 | 1700 | 363  | 20 | 40 | 60 | 80 | 32.320 | 4 | x 1 | = 4 | 129.280 | | | | | | 129.280 | | | | | | | | | |
| | 1 | | | Bot. Main | 20 mm | | | 25 | 1700 | 363  | 20 | 40 | 60 | 80 | 32.320 | 4 | x 1 | = 4 | 129.280 | | | | | | 129.280 | | | | | | | | | |
| 900 | | | | Top Extra | 32 mm | | | | | 5310  | 32 | 64 | 96 | 128 | 5.310 | 2 | x 1 | = 2 | 10.620 | | | | | | 10.620 | | | | | | | | | |
| | | | | Top Extra | 32 mm | | | | | 5310  | 32 | 64 | 96 | 128 | 5.270 | 4 | x 1 | = 4 | 21.080 | | | | | | 21.080 | | | | | | | | | |
| 900 | | | | Top Extra | 32 mm | | | | | 5310  | 32 | 64 | 96 | 128 | 3.775 | 4 | x 1 | = 4 | 15.100 | | | | | | 15.100 | | | | | | | | | |
| | | | | Top Extra | 32 mm | | | | | 5310  | 32 | 64 | 96 | 128 | 7.431 | 2 | x 1 | = 2 | 6.861 | | | | | | 6.861 | | | | | | | | | |
| 900 | | | | Bottom Extra | 20 mm | | | | | 3100  | 20 | 40 | 60 | 80 | 7.443 | 2 | x 1 | = 2 | 6.885 | | | | | | 6.885 | | | | | | | | | |
| | | | | Bottom Extra | 20 mm | | | | | 3100  | 20 | 40 | 60 | 80 | 6.230 | 2 | x 1 | = 2 | 12.460 | | | | | | 12.460 | | | | | | | | | |

For M/s. SIMHAA CONSTRUCTIONS


 (RAN RAJU)
 Managing Partner

RA 09 - BBS SCHEDULE- AMS 4554 - SLAB 01 - Roof Beam (All dimension are in mm)

| Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Head Depth 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 | 45° | 90° | 135° | | 180° | (m) | No. of Bars | | No. of Members | Total Nos. | m | 8 | 10 | 12 | 16 | 20 | 25 | 32 | | | |
| | mm | mm | mm | mm | mm | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450 | 625 | 26325 | 100 mm c/c | Stirrups | 12 mm | 150 mm c/c | 25 | 25 | 1100 | 5270 | 32 | 64 | 96 | 128 | 5.270 | 2 | 1 | 2 | 10.540 | | | | | | | 10.540 | | | | | | |
| | | | | Bottom Extra | 20 mm | | | | | 6105 | 20 | 40 | 60 | 80 | 6.105 | 2 | 1 | 2 | 12.210 | | | | | | | | | | | 12.210 | | |
| | | | | Bottom Extra | 20 mm | | | | | 5310 | 20 | 40 | 60 | 80 | 5.310 | 2 | 1 | 2 | 10.620 | | | | | | | | | | | | 10.620 | |
| | | | | Bottom Extra | 32 mm | | | | | 2875 | 32 | 64 | 96 | 128 | 2.875 | 4 | 1 | 4 | 11.500 | | | | | | | | | | | | 11.500 | |
| | | | | Bottom Extra | 32 mm | | | | | 6105 | 32 | 64 | 96 | 128 | 6.105 | 2 | 1 | 2 | 12.210 | | | | | | | | | | | | | 12.210 |
| | | | | Stirrups | 12 mm | | | | | 144 | 12 | 24 | 36 | 48 | 2.094 | 264 | 1 | 264 | 552.816 | | | | | | | | | | | | | 552.816 |
| | Stirrups | 12 mm | 144 | 12 | 24 | 36 | 48 | 1.653 | 264 | 1 | 264 | 436.920 | | | | | | | | | | | | | 436.920 | | | | | | | |
| | Additional Top Reinforcement at Cantilever Portion | 32 mm | 3808 | 32 | 64 | 96 | 128 | 3.808 | 4 | 1 | 4 | 15.232 | | | | | | | | | | | | | | 15.232 | | | | | | |
| | B38 | 12150 | 230 | 625 | Top Main | 25 mm | | 25 | 1100 | 363 | 25 | 50 | 75 | 100 | 13.925 | 2 | 1 | 2 | 27.850 | | | | | | | | 27.850 | | | | | |
| | | 600 | 230 | | Bot Main | 25 mm | | | 1100 | 363 | 25 | 50 | 75 | 100 | 13.925 | 2 | 1 | 2 | 27.850 | | | | | | | | 27.850 | | | | | |
| 230 | 625 | 10950 | 100 mm c/c | Stirrups | 10 mm | 150 mm c/c | 25 | 1100 | 120 | 10 | 20 | 30 | 40 | 1.630 | 98 | 1 | 98 | 159.740 | | | | | | | | 159.740 | | | | | | |
| | | | | Additional Top Reinforcement at Cantilever Portion | 25 mm | | | | 3900 | 25 | 50 | 75 | 100 | 3.900 | 2 | 1 | 2 | 7.800 | | | | | | | | | | 7.800 | | | | |
| | | | | Top Main | 25 mm | | | | 363 | 25 | 50 | 75 | 100 | 32.750 | 4 | 1 | 4 | 131.000 | | | | | | | | | | | 131.000 | | | |
| B41 | 29925 | 450 | 625 | Top Main | 25 mm | | 25 | 2200 | 363 | 25 | 50 | 75 | 100 | 32.750 | 4 | 1 | 4 | 131.000 | | | | | | | | 131.000 | | | | | | |
| | 1 | | | Bot Main | 25 mm | | | 2200 | 363 | 25 | 50 | 75 | 100 | 32.750 | 4 | 1 | 4 | 131.000 | | | | | | | | 131.000 | | | | | | |
| | 900 | | | Top Extra | 32 mm | | | | 8305 | 32 | 64 | 96 | 128 | 8.305 | 2 | 1 | 2 | 16.610 | | | | | | | | 16.610 | | | | | | |
| | | | | Top Extra | 32 mm | | | | | 5270 | 32 | 64 | 96 | 128 | 5.270 | 2 | 1 | 2 | 10.540 | | | | | | | | 10.540 | | | | | |

For M/s. SIMHAA CONSTRUCTIONS



RANU KAJU
Managing Partner

| RA 09 - BBS SCHEDULE- AMS 4554 - SLAB 01 - Roof Beam (All dimension are in mm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------|--------|------------|--------------|-------|----------------|-------------------|-------|--|--|---------------------------|----|-----|--------|----------------|-------------|----|----|--------------|----------------------------|---------|------|------|-----|-------------|----------------|------------|--------|---------|--------|-------|--------|---------|
| Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Head/ 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 | | mm | mm | mm | | 45° | 90° | 135° | 180° | (m) | No. of Bars | No. of Members | Total Nos. | m | 8 | 10 | 12 | 16 | 20 |
| B43 | 20570 | 230 | 625 | Top Main | 20 mm | 150 mm c/c | | 25 | 880 | 363 $\overbrace{\hspace{10em}}$ 363 0 90 bends 20545 | 20 | 40 | 60 | 80 | 22.150 | 2 | x | 1 | = | 2 | 44.300 | | | | | | 44.300 | | | | | | |
| | | | | Bot. Main | 20 mm | | | | | 363 $\overbrace{\hspace{10em}}$ 363 0 90 bends 20545 | 20 | 40 | 60 | 80 | 22.150 | 2 | x | 1 | = | 2 | 44.300 | | | | | | | | | 44.300 | | | |
| | | | | Top Extra | 20 mm | | | | | $\overbrace{\hspace{10em}}$ 3520 | 20 | 40 | 60 | 80 | 3.520 | 2 | x | 1 | = | 2 | 7.060 | | | | | | | | | | 7.060 | | |
| | | | | Bottom extra | 20 mm | | | | | $\overbrace{\hspace{10em}}$ 6105 | 20 | 40 | 60 | 80 | 6.105 | 2 | x | 1 | = | 2 | 12.210 | | | | | | | | | | | 12.210 | |
| | | | | Straps | 10 mm | | | | | 120 $\overbrace{\hspace{10em}}$ 575 180 | 10 | 20 | 30 | 40 | 1.620 | 168 | x | 1 | = | 168 | 273.840 | | | | | | | | | | | | 273.840 |
| Additional Top Reinforcement at Cantilever Portion | | | | 20 mm | | | | | | $\overbrace{\hspace{10em}}$ 3380 | 20 | 40 | 60 | 80 | 3.380 | 2 | x | 1 | = | 2 | 6.760 | | | | | | 6.760 | | | | | | |
| B44 | 4000 | 200 | 625 | Top Main | 25 mm | 150 mm c/c | 25 | 880 | 363 $\overbrace{\hspace{10em}}$ 363 1 90 bends 3950 | 25 | 50 | 75 | 100 | 4.625 | 2 | x | 1 | = | 2 | 9.250 | | | | | | 9.250 | | | | | | | |
| | | | | Bot. Main | 25 mm | | | | 363 $\overbrace{\hspace{10em}}$ 363 1 90 bends 3950 | 25 | 50 | 75 | 100 | 4.625 | 2 | x | 1 | = | 2 | 9.250 | | | | | | | | 9.250 | | | | | |
| | | | | Top Extra | 20 mm | | | | 363 $\overbrace{\hspace{10em}}$ 363 1 90 bends 1115 | 20 | 40 | 60 | 80 | 1.458 | 2 | x | 1 | = | 2 | 2.915 | | | | | | | | | 2.915 | | | | |
| | | | | Bottom Extra | 20 mm | | | | 363 $\overbrace{\hspace{10em}}$ 363 1 90 bends 1115 | 20 | 40 | 60 | 80 | 1.458 | 2 | x | 1 | = | 2 | 2.915 | | | | | | | | | | 2.915 | | | |
| 200 | 625 | 3500 | 100 mm c/c | Straps | 10 mm | | 25 | | 120 $\overbrace{\hspace{10em}}$ 575 150 | 10 | 20 | 30 | 40 | 1.570 | 36 | x | 1 | = | 36 | 56.520 | | | | | | 56.520 | | | | | | | |
| B45 | 29800 | 800 | 625 | Top Main | 25 mm | 150 mm c/c | 25 | 880 | 363 $\overbrace{\hspace{10em}}$ 363 1 90 bends 31890 | 25 | 50 | 75 | 100 | 30.450 | 4 | x | 1 | = | 4 | 121.800 | | | | | | 121.800 | | | | | | | |
| | | | | Top Main | 32 mm | | | | 363 $\overbrace{\hspace{10em}}$ 363 1 90 bends 29775 | 32 | 64 | 96 | 128 | 12.180 | 2 | x | 1 | = | 2 | 24.377 | | | | | | | | 24.377 | | | | | |
| | | | | Bot. Main | 25 mm | | | | 363 $\overbrace{\hspace{10em}}$ 363 1 90 bends 31890 | 25 | 50 | 75 | 100 | 30.450 | 4 | x | 1 | = | 4 | 121.800 | | | | | | | | | 121.800 | | | | |
| | | | | Top Extra | 32 mm | | | | $\overbrace{\hspace{10em}}$ 5330 | 32 | 64 | 96 | 128 | 5.330 | 2 | x | 1 | = | 2 | 10.620 | | | | | | | | | | 10.620 | | | |

For M/s. SIMHAA CONSTRUCTIONS



KAN RAJU
Managing Partner

| RA 09 - BBS SCHEDULE- AMIS 4554 - SLAB 01 - Roof Beam (All dimension are in mm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|--------|------------|--------------|-------|----------------|-------------------|-------|---------|-----------|---------------------------|-----|------|------|----------------|-------------|--------|-------|--------------|----------------------------|-----|---------|-------------|----------------|------------|---|---|---------|--------|---------|--------|--------|
| Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Bend/ Desp 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 | | mm | mm | mm | | mm | mm | mm | No. of Bars | No. of Members | Total Nos. | m | 8 | 10 | 12 | 16 | 20 | 25 |
| 8900 | 1335 | | | Extra | 32 mm | | | | | | 45° | 90° | 135° | 180° | (60) | 5 270 | 4 | x | 1 | = | 4 | 21 080 | | | | | | | 21 080 | | | |
| | | | | Top Extra | 32 mm | | | | | | | | 45° | 90° | 135° | 180° | (60) | 3 775 | 4 | x | 1 | = | 4 | 15 100 | | | | | | | 15 100 | |
| | | | | Bottom Extra | 20 mm | | | | | | | | | 45° | 90° | 135° | 180° | (60) | 3 100 | 2 | x | 1 | = | 2 | 6 885 | | | | | | 6 885 | |
| | | | | Bottom Extra | 20 mm | | | | | | | | | 45° | 90° | 135° | 180° | (60) | 6 230 | 2 | x | 1 | = | 2 | 12 460 | | | | | | 12 460 | |
| | | | | Bottom Extra | 32 mm | | | | | | | | | 45° | 90° | 135° | 180° | (60) | 5 310 | 4 | x | 1 | = | 4 | 21 240 | | | | | | | 21 240 |
| | | | | Bottom Extra | 25 mm | | | | | | | | | 45° | 90° | 135° | 180° | (60) | 6 105 | 4 | x | 1 | = | 4 | 24 420 | | | | | | | 24 420 |
| 8725 | 1310 | | | Bottom Extra | 25 mm | | | | | | 45° | 90° | 135° | 180° | (60) | 6 105 | 4 | x | 1 | = | 4 | 24 420 | | | | | | | 24 420 | | | |
| | | | | Bottom Extra | 25 mm | | | | | | | | 45° | 90° | 135° | 180° | (60) | 3 775 | 2 | x | 1 | = | 2 | 7 550 | | | | | | 7 550 | | |
| 600 | 625 | 15825 | 100 mm c/c | Stirrups | 12 mm | 150 mm c/c | | 25 | | | 45° | 90° | 135° | 180° | (60) | 2 394 | 142 | x | 1 | = | 142 | 339 948 | | | | | | 339 948 | | | | |
| | | | | Stirrups | 12 mm | 150 mm c/c | | 25 | | | | | 45° | 90° | 135° | 180° | (60) | 1 745 | 142 | x | 1 | = | 142 | 247 790 | | | | | | 247 790 | | |
| 430 | 625 | 9900 | 100 mm c/c | Stirrups | 12 mm | 150 mm c/c | | 25 | | | 45° | 90° | 135° | 180° | (60) | 2 094 | 89 | x | 1 | = | 89 | 186 366 | | | | | | 186 366 | | | | |
| | | | | Stirrups | 12 mm | 150 mm c/c | | 25 | | | | | 45° | 90° | 135° | 180° | (60) | 1 655 | 89 | x | 1 | = | 89 | 147 295 | | | | | | 147 295 | | |
| Additional Top Reinforcement at Cantilever Portion | | | | | 32 mm | | | | | | 45° | 90° | 135° | 180° | (60) | 3 600 | 2 | x | 1 | = | 2 | 7 200 | | | | | | 7 200 | | | | |
| B40 | 2680 | 230 | 625 | Top Main | 20 mm | | | 25 | 1760 | | 45° | 90° | 135° | 180° | (60) | 26 815 | 2 | x | 1 | = | 2 | 58 600 | | | | | | 58 600 | | | | |
| | | | | Bot. Main | 20 mm | | | | 1760 | 361 | | 45° | 90° | 135° | 180° | (60) | 26 815 | 2 | x | 1 | = | 2 | 58 600 | | | | | | 58 600 | | | |
| | | | | Top Extra | 20 mm | | | | | | | | 45° | 90° | 135° | 180° | (60) | 5 030 | 2 | x | 1 | = | 2 | 10 020 | | | | | | 10 020 | | |
| | | | | Top Extra | 20 mm | | | | | | | | | 45° | 90° | 135° | 180° | (60) | 4 970 | 2 | x | 1 | = | 2 | 9 940 | | | | | | 9 940 | |

For M/s. SIMHAA CONSTRUCTIONS



 (MAN RAJU)

 Managing Partner

RA 09 - BBS SCHEDULE- AMS 4554 - SLAB 01 - Roof Beam (All dimension are in mm)

| 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 | | mm | mm | 45° | | 90° | 135° | 180° | (m) | No. of Bars | No. of Members | Total Nos. | m | 8 | 10 | 12 | 16 | 20 | 25 | 32 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450 | 625 | 31500 | 100 mm c/c | Stirrups | 12 mm | 150 mm c/c | | 25 | | 144 400 35950 | 12 | 24 | 36 | 48 | 2.094 | 281 | 1 | 281 | 588.414 | | | 588.414 | | | | | | | | | | | | |
| H52 | 36000 | 230 | 625 | Top Main | 20 mm | | | 25 | 1760 | 363 0 90 bends 35950 | 20 | 40 | 60 | 80 | 38.435 | 2 | 1 | 2 | 76.870 | | | | | 76.870 | | | | | | | | | | |
| | 600 | 230 | | Bot Main | 20 mm | | | | 1760 | 363 0 90 bends | 20 | 40 | 60 | 80 | 38.435 | 2 | 1 | 2 | 76.870 | | | | | 76.870 | | | | | | | | | | |
| | | | | Top Extra | 20 mm | | | | | 2 80 s | 20 | 40 | 60 | 80 | 5.019 | 4 | 1 | 4 | 20.040 | | | | | 20.040 | | | | | | | | | | |
| | | | | Top Extra | 20 mm | | | | | 1 80 s | 20 | 40 | 60 | 80 | 4.970 | 2 | 1 | 2 | 9.940 | | | | | 9.940 | | | | | | | | | | |
| | 8000 | 1355 | | Bottom Extra | 20 mm | | | | | 2 4970 80 s | 20 | 40 | 60 | 80 | 6.230 | 4 | 1 | 4 | 24.920 | | | | | 24.920 | | | | | | | | | | |
| 230 | 625 | 32910 | 100 mm c/c | Stirrups | 10 mm | 150 mm c/c | | 25 | | 120 180 9530 | 10 | 20 | 30 | 40 | 1.630 | 294 | 1 | 294 | 479.220 | | 479.220 | | | | | | | | | | | | | |
| H52 | 9580 | 300 | 625 | Top Main | 20 mm | | | 25 | 0 | 363 0 90 bends 9530 | 20 | 40 | 60 | 80 | 10.255 | 2 | 1 | 2 | 20.510 | | | | | 20.510 | | | | | | | | | | |
| | 600 | 230 | | Bot Main | 20 mm | | | | 0 | 363 0 90 bends | 20 | 40 | 60 | 80 | 10.255 | 2 | 1 | 2 | 20.510 | | | | | 20.510 | | | | | | | | | | |
| | | | | Top Extra | 20 mm | | | | | 1 1840 80 s | 20 | 40 | 60 | 80 | 1.840 | 2 | 1 | 2 | 3.680 | | | | | 3.680 | | | | | | | | | | |
| | | | | Top Extra | 20 mm | | | | | 1 2825 80 s | 20 | 40 | 60 | 80 | 2.825 | 2 | 1 | 2 | 5.650 | | | | | 5.650 | | | | | | | | | | |
| 300 | 625 | 8080 | 100 mm c/c | Stirrups | 10 mm | 150 mm c/c | | 25 | | 120 250 35975 | 10 | 20 | 30 | 40 | 1.770 | 75 | 1 | 75 | 132.750 | | 132.750 | | | | | | | | | | | | | |
| H54 | 36000 | 450 | 625 | Top Main | 25 mm | | | 25 | 2200 | 363 2 90 bends 35975 | 25 | 50 | 75 | 100 | 38.800 | 4 | 1 | 4 | 155.200 | | | | | 155.200 | | | | | | | | | | |
| | 900 | | | Bot Main | 25 mm | | | | 2200 | 363 2 90 bends | 25 | 50 | 75 | 100 | 38.800 | 4 | 1 | 4 | 155.200 | | | | | 155.200 | | | | | | | | | | |
| | 1350 | | | Top Extra | 32 mm | | | | | 1 90 bends 3100 80 s | 32 | 64 | 96 | 128 | 3.431 | 4 | 1 | 4 | 13.722 | | | | | 13.722 | | | | | | | | | | |

For M/s. SIMHAA CONSTRUCTIONS



(KAN RAJU)
Managing Partner

RA 09 - BBS SCHEDULE- AMS 4554 - SLAB 01 - Roof Beam (All dimension are in mm)

| Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Head/Dep 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 | | mm | mm | mm | | mm | mm | mm | mm | No. of Bars | No. of Members | Total Nos. | m | 8 | 10 | 12 | 14 | 20 |
| | | | | | | | | | | | | | | | 45° | | | | 90° | | | | | | | | | | | | | |
| 230 | 8900 | 1335 | 100 mm c/c | Top Extra | 20 mm | 150 mm c/c | 25 | 0 | 0 | 5010 1 no.s 4910 | 20 | 40 | 60 | 80 | 4.910 | 2 | x 1 | = 2 | 9.820 | | | | | 9.820 | | | | | | | | |
| | | | | Top Extra | 20 mm | | | | | 2575 1 no.s 2575 | 20 | 40 | 60 | 80 | 2.575 | 2 | x 1 | = 2 | 5.150 | | | | | | | | | 5.150 | | | | |
| | | | | Bottom Extra | 20 mm | | | | | 6230 1 no.s 6230 | 20 | 40 | 60 | 80 | 6.230 | 2 | x 1 | = 2 | 12.460 | | | | | | | | | | 12.460 | | | |
| 856 | 6700 | 200 | 625 | Top Main | 25 mm | | 25 | 0 | 120 180 6600 363 | 25 | 30 | 75 | 100 | 7.375 | 2 | x 1 | = 2 | 14.750 | | | | | | | 14.750 | | | | | | | |
| | | | | Top Main | 25 mm | | 25 | 0 | 363 0 90 bends 6600 363 | 25 | 30 | 75 | 100 | 7.375 | 2 | x 1 | = 2 | 14.750 | | | | | | | 14.750 | | | | | | | |
| 200 | 625 | 9950 | 150 mm c/c | Storage | 10 mm | | 25 | | 120 150 30975 575 | 10 | 20 | 30 | 40 | 1.570 | 41 | x 1 | = 41 | 64.370 | | | | | 64.370 | | | | | | | | | |
| B60 | 36000 | 450 | 625 | Top Main | 25 mm | | 25 | 2200 | 363 2 90 bends 35975 363 | 25 | 30 | 75 | 100 | 38.800 | 4 | x 1 | = 4 | 155.200 | | | | | | | 155.200 | | | | | | | |
| | | | | Bot. Main | 25 mm | 363 2 90 bends 35975 363 | 25 | 30 | 75 | 100 | 38.800 | 4 | x 1 | = 4 | 155.200 | | | | | 155.200 | | | | | | | | | | | | |
| | 900 | 1200 | | | Top Extra | 32 mm | | | 180 1 90 bends 2100 180 | 32 | 64 | 96 | 128 | 3.418 | 4 | x 1 | = 4 | 13.672 | | | | | | | | | 13.672 | | | | | |
| | | | | | Top Extra | 32 mm | 5310 1 no.s 5310 | 32 | 64 | 96 | 128 | 5.310 | 4 | x 1 | = 4 | 21.240 | | | | | 21.240 | | | | | | | 21.240 | | | | |
| | | | | | Top Extra | 32 mm | 5270 1 no.s 5270 | 32 | 64 | 96 | 128 | 5.270 | 4 | x 1 | = 4 | 21.080 | | | | | 21.080 | | | | | | | 21.080 | | | | |
| | | | | | Top Extra | 32 mm | 4705 1 no.s 4705 | 32 | 64 | 96 | 128 | 4.705 | 4 | x 1 | = 4 | 18.820 | | | | | 18.820 | | | | | | | 18.820 | | | | |
| | | | | | Top Extra | 25 mm | 3430 1 no.s 3430 | 25 | 50 | 75 | 100 | 3.430 | 2 | x 1 | = 2 | 6.860 | | | | | 6.860 | | | | | | | 6.860 | | | | |
| | | | | | Top Extra | 32 mm | 1485 1 90 bends 1485 | 32 | 64 | 96 | 128 | 1.816 | 4 | x 1 | = 4 | 7.262 | | | | | 7.262 | | | | | | | 7.262 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

For M/s. SIMHAA CONSTRUCTIONS



(KAN RAJU)
Managing Partner

RA 09 - BBS SCHEDULE- AMS 4554 - SLAB 01 - Roof Beam (All dimension are in mm)

| Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Bend/ Devg Length | Cover | Overla p | Bar Shape | Bend Deductions | | | | Cutting Length | No. of Bars | | | Total Length | Total Length with Dia. (m) | | | | | | | | | | | | |
|--------|-----------|-----------|------------|-----------------|-------|--------------------------|-------------------------|-------|-------------|-----------|-----------------|-----|------|------|-------------------|-------------|----------------|-------------------|-----------------|----------------------------|---|---------|----|----|----|----|----|----|--|--|--|---------|
| | L (mm) | B (mm) | H (mm) | | | | | | | | 45° | 90° | 135° | 180° | | (m) | No. of Bars | No. of Members | | Total Nos. | m | 8 | 10 | 12 | 14 | 20 | 25 | 32 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450 | 625 | 24765 | 100 mm c/c | Stirrups | 10 mm | 150 mm c/c | | 25 | | | 575 | 10 | 20 | 30 | 40 | 2.070 | 221 | 1 | 221 | 457.470 | | 457.470 | | | | | | | | | | |
| H66 | 27175 | 450 | 625 | Top Main | 25 mm | | 25 | 2200 | | | 363 | 25 | 50 | 75 | 100 | 29.975 | 4 | 1 | 4 | 119.900 | | | | | | | | | | | | 119.900 |
| | 900 | | | Bot. Main | 25 mm | | | 2200 | 363 | | 363 | 25 | 50 | 75 | 100 | 29.975 | 4 | 1 | 4 | 119.900 | | | | | | | | | | | | 119.900 |
| | 9728 | 300 | 450 | Top Main | 20 mm | Non Excavated Beam | 25 | 0 | 275 | | 275 | 20 | 40 | 60 | 80 | 10.170 | 2 | 4 | 2 | 0.000 | | | | | | | | | | | | 0.000 |
| | | | | Bot. Main | 20 mm | Non Excavated Beam | 0 | 0 | 275 | | 275 | 20 | 40 | 60 | 80 | 10.170 | 2 | 4 | 2 | 0.000 | | | | | | | | | | | | 0.000 |
| | | | | Top Extra | 32 mm | | | | 363 | | 363 | 32 | 64 | 96 | 128 | 3.431 | 4 | 1 | 4 | 13.722 | | | | | | | | | | | | 13.722 |
| | | | | Top Extra | 32 mm | | | | | | 363 | 32 | 64 | 96 | 128 | 5.270 | 4 | 1 | 4 | 21.080 | | | | | | | | | | | | 21.080 |
| | | | | Top Extra | 32 mm | | | | | | 363 | 32 | 64 | 96 | 128 | 5.310 | 4 | 1 | 4 | 21.240 | | | | | | | | | | | | 21.240 |
| | | | | Top Extra | 32 mm | | | | | | 363 | 32 | 64 | 96 | 128 | 3.391 | 4 | 1 | 4 | 13.562 | | | | | | | | | | | | 13.562 |
| | | | | Bottom Extra | 20 mm | | | | 363 | | 363 | 20 | 40 | 60 | 80 | 3.443 | 2 | 1 | 2 | 6.885 | | | | | | | | | | | | 6.885 |
| | 8900 | 1335 | | Bottom Extra | 20 mm | | | | | | 363 | 20 | 40 | 60 | 80 | 6.250 | 2 | 1 | 2 | 12.460 | | | | | | | | | | | | 12.460 |
| | 8725 | 1310 | | Bottom Extra | 20 mm | | | | | | 363 | 20 | 40 | 60 | 80 | 6.105 | 2 | 1 | 2 | 12.210 | | | | | | | | | | | | 12.210 |
| | 8725 | 1310 | | Bottom Extra | 25 mm | | | | | | 363 | 25 | 50 | 75 | 100 | 6.105 | 2 | 1 | 2 | 12.210 | | | | | | | | | | | | 12.210 |
| | | | | Bottom Extra | 32 mm | | | | | | 363 | 32 | 64 | 96 | 128 | 5.710 | 2 | 1 | 2 | 10.620 | | | | | | | | | | | | 10.620 |
| | | | | Bottom Extra | 20 mm | | | | | | 363 | 20 | 40 | 60 | 80 | 3.270 | 2 | 1 | 2 | 10.540 | | | | | | | | | | | | 10.540 |
| | | | | Bottom Extra | 20 mm | | | | | | 363 | 20 | 40 | 60 | 80 | 3.443 | 2 | 1 | 2 | 6.885 | | | | | | | | | | | | 6.885 |

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

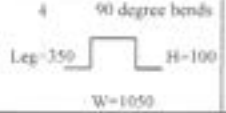
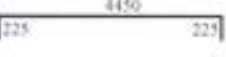
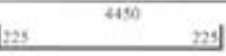
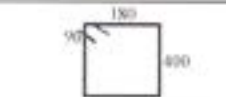


| RA 09 - BBS SCHEDULE- AMS 4554 - Cellar (Slab-01) (All dimension are in mm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------|-------|-------|-------|----------------------------|-------|----------------|------------------|-------|---------|-----------|-----------------|-----|------|-------|----------------|-------------|-------------|----------------|--------------|----------------------------|---|---|----|----|----|----|----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| S.No | Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Bend Drop Length | Cover | Overlap | Bar Shape | Bend Deductions | | | | Cutting Length | No. of Bars | | | Total Length | Total Length with Dia. (m) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L (m) | B (m) | H (m) | | | | | | | | 45° | 90° | 135° | 180° | | m | No. of Bars | No. of Members | | Total Nos. | m | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | | | | | | | | | | | | | | | | |
| 18 | 1.0A 1.1A.1 | 3695 | 4750 | 175 | Shorter Span Cranked Bar_X | 10 mm | 300 mm c/c | | 0 | | 1 | 1 | 0 | 0 | 3700 | 22 | 1 | = | 22 | 81.400 | 81.400 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 19 | 1.2-B 2-1 | 9350 | 2375 | 175 | Shorter Span Cranked Bar_X | 10 mm | 300 mm c/c | | 0 | | 1 | 1 | 0 | 0 | 8.455 | 7 | 1 | = | 7 | 66.185 | 66.185 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 20 | 1.3-A.1 1.3-A.2 | 4400 | 3750 | 175 | Shorter Span Cranked Bar_X | 10 mm | 300 mm c/c | | 0 | | 1 | 1 | 0 | 0 | 4.505 | 13 | 1 | = | 13 | 58.565 | 58.565 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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For M/s. SIMHAA CONSTRUCTIONS



(KAN RAJU)
Managing Partner

RA 09 - BBS SCHEDULE - AMS 4554 - Slab 01 - Staircase- 01 & 02

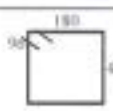
| Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Bend/ Devp Length | Cover | Overlap | Bar Shape | Bend Deductions | | | | Cutting Length | No. of Bars | | | Total Length | Total Length with Dia. (m) | | | | | | | | | | | | |
|---------------------|--|--------|--------|-------------------------|---------------|----------------|-------------------|-------|---------|--|---------------------------|----|----|-------|----------------|-------------|----|-----|--------------|----------------------------|---------|------|-----|-------------|----------------|------------|---|---|----|---------|---------|-------|
| | L (mm) | B (mm) | H (mm) | | | | | | | | Particular Placing of Bar | mm | mm | mm | | mm | mm | 45° | | 90° | 135° | 180° | (m) | No. of Bars | No. of Members | Total Nos. | m | 8 | 10 | 12 | 16 | 20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | |
| | Chairs at Waist Slab and Landing Areas | | | 250 | 10 mm | Area=9m2 | | 50 | |  | 20 | | | 1.870 | 24 | x | 1 | = | 24 | 44.880 | 44.880 | | | | | | | | | | | |
| 3 | MLB1 | 4500 | 230 | 450 | Top Main Bar | 20 | | 25 | 0 |  | 40 | | | 4.820 | 2 | x | 1 | = | 2 | 9.640 | | | | | | | | | | | | 9.640 |
| | | 3400 | | | Bottom Bar | 20 | | | 0 |  | 40 | | | 4.820 | 2 | x | 1 | = | 2 | 9.640 | | | | | | | | | | | | 9.640 |
| | | | | | Stirrups upto | 8 | 150 mm c/c | | |  | 10 | 24 | | 1.250 | 24 | x | 1 | = | 24 | 30.144 | 30.144 | | | | | | | | | | | |
| Staircase-02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1st Flight | | 1600 | | Waist Slab+ Landing-1 | 10 mm | 100 mm c/c | | 20 | 704 |  | | | | 8.354 | 17 | x | 2 | x | 34 | 284.036 | | | | | | | | | | | 284.036 | |
| | | | | Lags at Waist slab Bars | 10 mm | | | | | | | | | 0.704 | 34 | x | 2 | = | 68 | 47.872 | | | | | | | | | | 47.872 | | |
| | | 1600 | | Waist Slab+ Landing-1 | 10 mm | 100 mm c/c | | 20 | |  | | | | 3.295 | 17 | x | 2 | = | 34 | 112.030 | | | | | | | | | | 112.030 | | |

For M/s. SIMHAA CONSTRUCTIONS



 (KAN RAJU)
 Managing Partner

RA 09 - BBS SCHEDULE - AMS 4554 - Slab 01 - Staircase- 01 & 02

| Member | Size | | | Bar Detail | Dia | Spacing Of Bar | Bend/ Devp Length | Cover | Overlap | Bar Shape | Bend Deduction | | | | Cutting Length | No. of Bars | | | Total Length | Total Length with Dia. (m) | | | | | | | | | | | | | | | |
|--------|--------------|---------|---------------------|------------|----------------------|----------------|-----------------------|-------|---------|--|---------------------------|----|----|----|-----------------------|-------------|---------|--------|--------------|----------------------------|--------|-------|--------|-------------|----------------|------------|---|---|----|----|----|----|----|----|--|
| | I (mm) | II (mm) | III (mm) | | | | | | | | Particular Placing of Bar | mm | mm | mm | | mm | mm | 45° | | 90° | 135° | 180° | (m) | No. of Bars | No. of Members | Total Nos. | m | 8 | 10 | 12 | 16 | 20 | 25 | 32 | |
| | Total Length | | Unit Weight In (Kg) | | Total Weight In (KG) | | Total Weight In (TON) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Staircase upto | 8 | 150 mm c/c | | |  | | | | | 16 | 24 | 1.256 | 18 | x | 1 | = | 18 | 22.608 | 22.608 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | Total Length | | 600.192 | 89.760 | 0.000 | 1583.706 | 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 | 2500.672 | 95.128 | 0.000 | 0.000 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | Total Weight In (TON) | | 0.237 | 0.055 | 0.000 | 2.501 | 0.095 | 0.000 | 0.000 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | 2.888 | | | | | | | | | | | | | | | | | | |

For M/s. SIMHAA CONSTRUCTIONS


 (KAN RAJU)
 Managing Partner

12/07/2024