

**GENERAL NOTES:**

- ALL DIMENSIONS ARE IN MILLIMETERS. LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
  - ONLY FIGURED DIMENSIONS TO BE FOLLOWED. SCALED DIMENSIONS OF DRAWINGS WILL NOT BE PERMITTED.
  - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, MECHANICAL & ELECTRICAL DRAWINGS AND SECTIONS OF THE SPECIFICATIONS.
  - CONCRETE GRADE FCU = 40NMM2 & STEEL GRADE = 460 NMM2
  - LAP & ANCHORAGE = 50x BAR DIAMETER
- | LAP & Ld SCHEDULE |       |
|-------------------|-------|
| BAR SIZE          | VALUE |
| T10               | 500   |
| T12               | 600   |
| T16               | 800   |
| T20               | 1000  |
| T25               | 1250  |
| T32               | 1600  |
- COVER:  
BEAM - 40mm
  - LEGEND:  
FF - FORE FACE  
H - HORIZONTAL  
B1 - BOTTOM FIRST LAYER  
B2 - BOTTOM SECOND LAYER  
T1 - TOP FIRST LAYER  
T2 - TOP SECOND LAYER  
V - VERTICAL BAR  
SSL - STRUCTURAL SLAB LEVEL  
ES - EACH SIDE  
ADDL - ADDITIONAL  
ALT - ALTERNATE  
EF - EACH FACE  
CON - CONSTRUCTION JOINT  
NF - NEAR FACE  
REINFORCEMENT IS NOTED THUS:  
2 x 7 T20 01 - B1 ALT  
ALTERNATE BARS  
BAR LAYERING  
BAR SPACING  
BAR MARK  
BAR TYPE AND DIA  
NUMBER OF BARS  
MULTIPLIERS
  - BBS REFERENCE:  
OPI-CSI-A126-SHD-ST-068

No.	Date	By	Revision	Details
00	13.11.2024	MRR	ISSUED FOR APPROVAL	

CLIENT: FEEL FREE CREATION

PROJECT: SAMPLE PROJECT

CONSULTANT:

MAIN CONTRACTOR:

SUB CONTRACTOR: **DYNDIGI Engineering Services**  
98, Swamy Nagar, Virupachipuram  
Vellore, Tamil Nadu, India.  
Telephone : +91 956671043  
Web : www.dyndigi.com  
E-mail : info@dyndigi.com

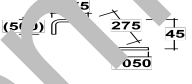

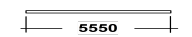
DRAWING TITLE: BEAM SAMPLE DRAWING - 1

Drawn by MRR	Checked by FFC	Approved by SUN
Date 13-11-2024	Scale A1=1:40	Revision 00

Drawing No. BEAM-1

Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-A	01	T20	1	3	3	7950	34	1050	275	6175	45	(500)		58.814	
BEAM-A	02	T20	1	3	3	10550	35	9600	275	225	45	(00)		78.049	
BEAM-A	03	T20	1	2	2	5550	00	5550						27.373	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 164.236 (in Kg)


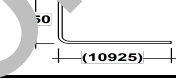
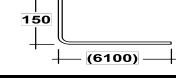
Page 1 of 21

This Schedule complies with the requirements of BS8666-2005

info@dyndigi.com

Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-A	04	T20	1	1	1	10450	35	9550	275	225	45	(450)		25.770	
BEAM-A	05	T12	1	4	4	11075	11	150	(10925)					39.338	
BEAM-A	06	T12	1	4	4	6250	11	150	(6100)					22.200	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 87.308 (in Kg)

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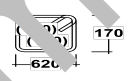
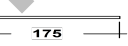
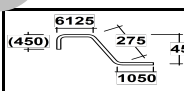
Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025

Date Revised:

Prepared by: MRR

Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-A	07	T10	1	102	102	1800	99	170	620	(130)	(130)			113.098	
BEAM-A	08	T25	1	29	29	175	00	175						19.559	
BEAM-A	09	T20	1	3	3	7850	34	1050	275	6125	45	(40)		58.074	

\* Specified in multiples of 5mm

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Page Total

190.731

(in Kg)

Page

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of 21

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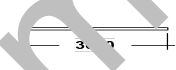


Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025

Date Revised:

Prepared by: MRR

Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-A	10	T20	1	4	4	3050	00	3050						30.085	
BEAM-A	12	T20	1	3	3	9175	11	500	(8725)					67.877	
BEAM-A	31	T20	1	3	3	7225	11	500	(6775)					53.451	

\* Specified in multiples of 5mm

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Page Total

151.413

(in Kg)

Page

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of

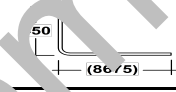
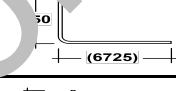
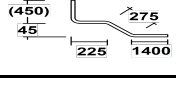
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This Schedule complies with the requirements of BS8666-2005

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Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-A	32	T20	1	1	1	9075	11	450	(8675)					22.379	
BEAM-A	33	T20	1	1	1	7125	11	450	(6725)					17.570	
BEAM-A	34	T20	1	2	2	2300	35	1400	275	225	45	(40)		11.344	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 51.293 (in Kg)  
Page 5 of 21

This Schedule complies with the requirements of BS8666-2005

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Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025

Date Revised:

Prepared by: MRR

Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-AC	08	T25	1	3	3	175	00	175						2.023	
BEAM-AC	40	T20	1	3	3	7100	11	400	(6750)					52.526	
BEAM-AC	41	T20	1	2	2	2700	00	2700						13.316	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total

67.865

(in Kg)

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of

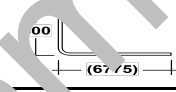
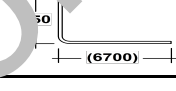
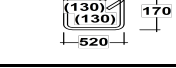
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This Schedule complies with the requirements of BS8666-2005

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Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-AC	42	T20	1	3	3	7125	11	400	(6775)					52.711	
BEAM-AC	45	T12	1	4	4	6850	11	150	(6700)					24.331	
BEAM-AC	46	T10	1	33	33	1600	99	170	520	(130)	(130)			32.525	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 109.567 (in Kg)

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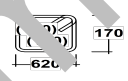
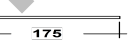
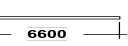
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Project: Sample project  
Client: FEEL FREE CREATION  
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Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-B	07	T10	1	58	58	1800	99	170	620	(130)	(130)			64.310	
BEAM-B	08	T25	1	18	18	175	00	175						12.140	
BEAM-B	11	T20	1	2	2	6600	00	6600						32.551	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

**Page Total 109.001 (in Kg)**

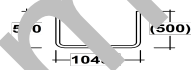
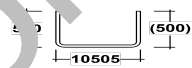

**Page 8 of 21**

This Schedule complies with the requirements of BS8666-2005

info@dyndigi.com

Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-B	13	T20	1	3	3	11350	21	500	10455	(500)				83.967	
BEAM-B	14	T20	1	3	3	11400	21	500	10505	(500)				84.337	
BEAM-B	15	T20	1	4	4	3725	11	450	(3325)					36.743	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 205.047 (in Kg)

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This Schedule complies with the requirements of BS8666-2005

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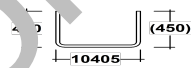
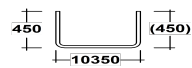
Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025

Date Revised:

Prepared by: MRR

Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-B	16	T12	1	4	4	10575	21	150	10300	(150)				37.562	
BEAM-B	35	T20	1	1	1	11200	21	450	10405	(450)				27.619	
BEAM-B	36	T20	1	1	1	11150	21	450	10350	(450)				27.496	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total

92.677

(in Kg)

Page

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of

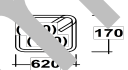
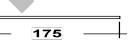
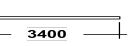
21

This Schedule complies with the requirements of BS8666-2005

info@dyndigi.com

Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-C	07	T10	1	38	38	1800	99	170	620	(130)	(130)			42.134	
BEAM-C	08	T25	1	11	11	175	00	175						7.419	
BEAM-C	23	T20	1	2	2	3400	00	3400						16.769	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

**Page Total 66.322 (in Kg)**

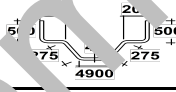
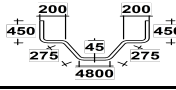
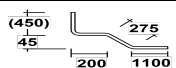
**Page 11 of 21**

This Schedule complies with the requirements of BS8666-2005

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Project: Sample project  
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						mm+		mm	mm	mm	mm	mm			
BEAM-C	24	T20	1	3	3	6750	99	500	200	275	45	4900		49.937	
								F=200	G=500						
BEAM-C	25	T20	1	1	1	6550	99	450	200	275	45	4800		16.152	
								F=200	G=450						
BEAM-C	26	T20	1	2	2	1975	35	1100	275	200	45	(450)		9.741	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total **75.830** (in Kg)

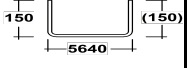
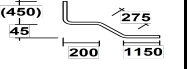

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Project: Sample project  
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Consultant: FFCM  
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Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-C	27	T12	1	4	4	5900	21	150	5640	(150)				20.957	
BEAM-C	37	T20	1	2	2	2025	35	1150	275	200	45	(450)		9.987	
BEAM-C	38	T20	1	3	3	6700	21	500	5795	(500)				49.567	

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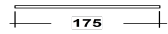
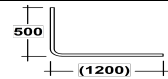
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This Schedule complies with the requirements of BS8666-2005

Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
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MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-C	39	T20	1	1	1	6500	21	450	5690	(450)				16.029	
BEAM-D	08	T25	1	4	4	175	00	175						2.698	
BEAM-D	28	T20	1	4	4	1650	11	500	(1200)					16.276	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 35.003 (in Kg)

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Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-D	29	T12	1	4	4	4400	21	150	4125	(150)				15.629	
BEAM-D	30	T10	1	27	27	1900	99	170	670	(130)	130			31.601	
BEAM-D	43	T20	1	3	3	5300	21	550	4285	(550)				39.209	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

**Page Total 86.439 (in Kg)**

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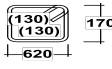

This Schedule complies with the requirements of BS8666-2005

info@dyndigi.com



Project: Sample project  
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Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-D	44	T20	1	3	3	5250	21	550	4235	(550)				38.840	
BEAM-E	07	T10	1	119	119	1800	99	170	620	(130)	130			131.947	
BEAM-E	08	T25	1	31	31	175	00	175						20.908	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 191.695 (in Kg)

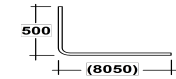
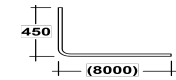
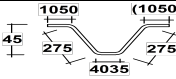
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This Schedule complies with the requirements of BS8666-2005

info@dyndigi.com

Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-E	17	T20	1	3	3	8500	11	500	(8050)					62.883	
BEAM-E	18	T20	1	3	3	8400	11	450	(8000)					62.143	
BEAM-E	19	T20	1	4	4	6700	46	1050	275	4035	45	(1050)		66.089	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

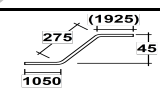
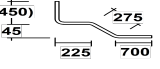

**Page Total 191.115 (in Kg)**

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This Schedule complies with the requirements of BS8666-2005

Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-E	20	T20	1	2	2	3250	26	1050	275	(1925)	45			16.029	
BEAM-E	21	T20	1	2	2	1600	35	700	275	225	45	(450)		7.891	
BEAM-E	22	T12	1	4	4	9675	11	150	(9525)					34.366	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm



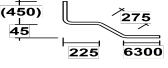
Page Total **58.286** (in Kg)

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This Schedule complies with the requirements of BS8666-2005

Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:  
Prepared by: MRR Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-E	47	T20	1	3	3	8850	11	500	(8400)					65.472	
BEAM-E	48	T20	1	1	1	8750	11	450	(8350)					21.578	
BEAM-E	49	T20	1	1	1	7200	35	6300	275	225	45	(450)		17.755	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

**Page Total 104.805 (in Kg)**

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This Schedule complies with the requirements of BS8666-2005

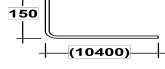
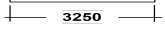

Project: Sample project  
Client: FEEL FREE CREATION  
Consultant: FFCM  
Main Contractor: --

Date Prepared: 07-Feb-2025

Date Revised:

Prepared by: MRR

Checked by: FFC

MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-E	50	T12	1	4	4	10550	11	150	(10400)					37.474	
BEAM-E	51	T20	1	2	2	3250	00	3250						16.029	
BEAM-E	52	T20	1	3	3	7300	35	6350	275	225	45	(500)		54.005	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total

107.508

(in Kg)

Page

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of

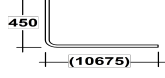
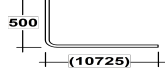
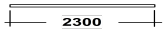
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MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
BEAM-E	53	T20	1	1	1	11075	11	450	(10675)					27.311	
BEAM-E	54	T20	1	3	3	11175	11	500	(10725)					82.673	
BEAM-E	55	T20	1	4	4	2300	00	2300						22.687	

\* Specified in multiples of 5mm

+ Specified in multiples of 25mm

**Page Total 132.671 (in Kg)**  
**Page 21 of 21**

This Schedule complies with the requirements of BS8666-2005

SUMMARY OF REINFORCEMENT STEEL									
Size of bar	T8	T10	T12	T16	T20	T25	T32	T40	TOTAL
Weight(Ton)		0.16	2.32		1.647	0.065			2.360