

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:
RETAINING WALL
INTERNAL FACE - 30mm
EXTERNAL FACE - 50mm
 - 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
ADD'L - ADDITIONAL
ALT - ALTERNATE
EF - EACH FACE
C - CONSTRUCTION JOINT
NF - NEAR FACE
 - REINFORCEMENT IS NOTED THUS:
 - BBS REFERENCE:
OPI-CSI-A126-SHD-ST-042

No.	Date	MRR	ISSUED FOR APPROVAL
00	21-09-2024	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: **RETAINING WALL SAMPLE DRAWING-1**

Drawn by	Checked by	Approved by
MRR	FFC	SUN
Date	Scale	Revision
21-09-2024	A1=1:50	00

Drawing No: RETAINING WALL-1

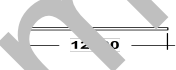


Project: Sample project
Client: FEEL FREE CREATION
Consultant: FFCM
Main Contractor: --

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			
ELEVATION-A	04	T12	1	158	158	12000	00	12000						1683.648	
ELEVATION-A	05	T12	1	19	19	2000	11	450	(1550)					33.744	
ELEVATION-A	06	T12	1	21	21	1350	11	450	(900)					25.175	

* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total

1742.567

(in Kg)

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of



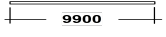
13

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			
ELEVATION-A	07	T12	1	40	40	2450	11	900	(1550)					87.024	
ELEVATION-A	08	T12	1	26	26	11200	00	11200						258.586	
ELEVATION-A	09	T12	1	24	24	9900	00	9900						210.989	

* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 556.599 (in Kg)

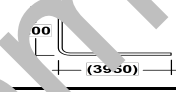
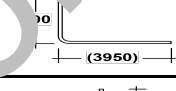
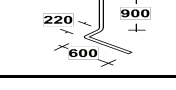
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Project: Sample project
Client: FEEL FREE CREATION
Consultant: FFCM
Main Contractor: --

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			
ELEVATION-A	10	T16	1	328	328	4125	11	200	(3950)					2136.387	
ELEVATION-A	11	T16	1	286	286	4725	11	800	(3950)					2133.782	
ELEVATION-A	54	T16	1	326	326	1675	99	600	220	(900)				862.213	

* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 5132.382 (in Kg)


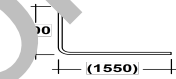
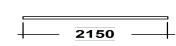
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Project: Sample project
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Consultant: FFCM
Main Contractor: --

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			
ELEVATION-A	73	T12	1	12	12	1100	11	200	(900)					11.722	
ELEVATION-A	74	T12	1	12	12	1750	11	200	(1550)					18.648	
ELEVATION-A	75	T12	1	4	4	2150	00	2150						7.637	

* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 38.007 (in Kg)

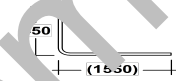
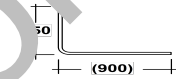
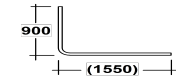
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Project: Sample project
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Consultant: FFCM
Main Contractor: --

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			
ELEVATION-B	05	T12	1	7	7	2000	11	450	(1550)					12.432	
ELEVATION-B	06	T12	1	8	8	1350	11	450	(900)					9.590	
ELEVATION-B	07	T12	1	15	15	2450	11	900	(1550)					32.634	

* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 54.656 (in Kg)



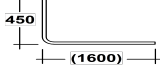
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Project: Sample project
Client: FEEL FREE CREATION
Consultant: FFCM
Main Contractor: --

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			
ELEVATION-B	12	T16	1	62	62	2825	11	450	(2400)					276.562	
ELEVATION-B	13	T12	1	8	8	1400	11	450	(950)					9.946	
ELEVATION-B	14	T12	1	7	7	2050	11	450	(1600)					12.743	

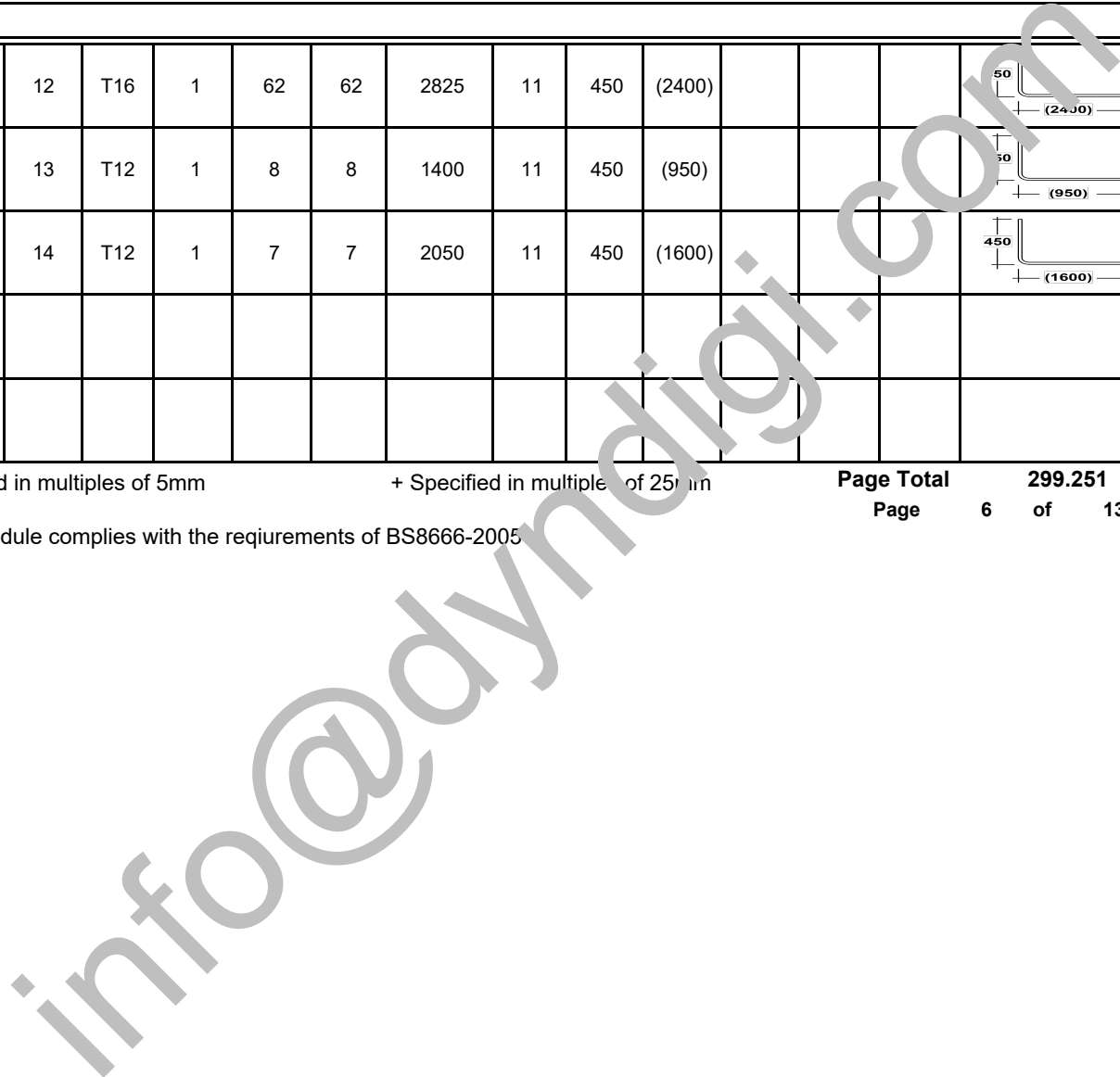
* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 299.251 (in Kg)

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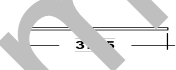


Project: Sample project
Client: FEEL FREE CREATION
Consultant: FFCM
Main Contractor: --

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			
ELEVATION-B	15	T12	1	30	30	3775	00	3775						100.566	
ELEVATION-C	05	T12	1	21	21	2000	11	450	(1550)					37.296	
ELEVATION-C	06	T12	1	22	22	1350	11	450	(900)					26.374	

* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total

164.236

(in Kg)

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of

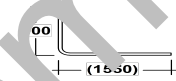
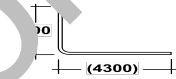
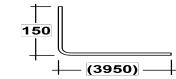
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						mm+		mm	mm	mm	mm	mm			
ELEVATION-C	07	T12	1	14	14	2450	11	900	(1550)					30.458	
ELEVATION-C	16	T16	1	50	50	5075	11	800	(4300)					400.671	
ELEVATION-C	17	T16	1	32	32	4075	11	150	(3950)					205.902	

* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 637.031 (in Kg)

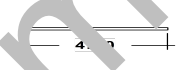


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MEMBER	BAR MARK	TYPE AND SIZE	NO OF MBRS	NO OF BARS IN EACH	TOTAL NOS.	LENGTH OF EACH BAR	SHAPE CODE	A*	B*	C*	D*	E/R*	Shape Diagram	Weight in Kg	Rev.
						mm+		mm	mm	mm	mm	mm			
ELEVATION-C	18	T12	1	54	54	4750	00	4750						227.772	
ELEVATION-C	19	T12	1	2	2	3350	11	150	(3200)					5.950	
ELEVATION-C	50	T12	1	14	14	1800	11	900	(900)					22.378	

* Specified in multiples of 5mm

+ Specified in multiples of 25mm

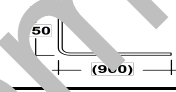
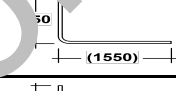
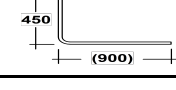
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Page **9** of **13**

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			
ELEVATION-C	57	T12	1	12	12	1050	11	150	(900)					11.189	
ELEVATION-C	58	T12	1	12	12	1700	11	150	(1550)					18.115	
ELEVATION-K	06	T12	1	13	13	1350	11	450	(900)					15.584	

* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 44.888 (in Kg)

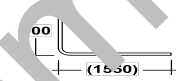

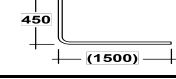
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This Schedule complies with the requirements of BS8666-2005

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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			
ELEVATION-K	07	T12	1	25	25	2450	11	900	(1550)					54.390	
ELEVATION-K	20	T16	1	50	50	4600	11	800	(3825)					363.170	
ELEVATION-K	21	T12	1	12	12	1950	11	450	(1500)					20.779	

* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 438.339 (in Kg)

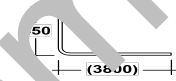
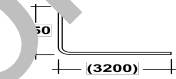
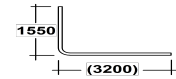
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Main Contractor: --

Date Prepared: 07-Feb-2025 Date Revised:
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						mm+		mm	mm	mm	mm	mm			
ELEVATION-K	69	T12	1	26	26	4250	11	450	(3800)					98.124	
ELEVATION-K	70	T12	1	24	24	3650	11	450	(3200)					77.789	
ELEVATION-K	71	T12	1	24	24	4750	11	1550	(3200)					101.232	

* Specified in multiples of 5mm

+ Specified in multiples of 25mm

Page Total 277.145 (in Kg)

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Project: Sample project
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Main Contractor: --

Date Prepared: 07-Feb-2025
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Date Revised:
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			
ELEVATION-K	72	T12	1	26	26	4700	11	900	(3800)					108.514	

* Specified in multiples of 5mm + Specified in multiples of 25mm

Page Total 108.514 (in Kg)
Page 13 of 13

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SUMMARY OF REINFORCEMENT STEEL									
Size of bar	T8	T10	T12	T16	T20	T25	T32	T40	TOTAL
Weight(Ton)			3.371	6.379					9.750