

# CONSTECH REBAR SOLUTIONS

*Precision Rebar Detailing &  
BBS Services for Global Construction Projects*



Delivering accurate reinforcement detailing, Bar Bending Schedules (BBS), and structural drafting solutions for contractors, consultants, and fabrication yards worldwide.

## About Constech Rebar Solutions

Constech Rebar Solutions is a specialized structural detailing company providing high-quality rebar detailing, Bar Bending Schedule (BBS), and drafting services for international construction projects. Our team supports contractors, rebar fabricators, engineers, and construction firms by delivering accurate and buildable reinforcement detailing solutions that improve site productivity and reduce material wastage. We work on projects ranging from residential buildings and villas to commercial towers, infrastructure developments, and industrial structures.

## Our Core Expertise

- Rebar Detailing
- Bar Bending Schedule Preparation
- Shop Drawings
- Reinforcement Coordination
- Structural Drafting
- 3D Rebar Modeling
- Quantity Estimation
- As-Built Drawings



## OUR SERVICES

### Rebar Detailing Services

Detailed reinforcement drawings for slabs, beams, columns, walls, foundations, retaining walls, and complex structures.

### Bar Bending Schedule (BBS)

Accurate and fabrication-ready BBS preparation as per project standards and client requirements.

### Structural Shop Drawings

Clear and coordinated construction drawings for site execution and steel placement.

### 3D Rebar Modeling

Advanced reinforcement modeling for clash-free construction workflows.

### Quantity Takeoff & Estimation

Steel quantity calculations for procurement and project planning.

### Drafting Support Services

AutoCAD drafting and structural drawing support for consultants and contractors.

## PROJECT WORKFLOW

### Step 1 — Receive IFC / Structural Drawings

Client shares structural and architectural references.

### Step 2 — Model Preparation

Reinforcement modeling prepared using Tekla/Revit.

### Step 3 — Coordination & Clash Review

Rebar congestion and constructability reviewed.

### Step 4 — Shop Drawings & BBS

Detailed reinforcement drawings and BBS generated.

### Step 5 — Quality Check

Internal QC review before submission.

### Step 6 — Final Delivery

PDF, DWG, XLS or SDI files delivered



## Why Choose Constech Rebar Solutions

### **Accuracy & Quality**

Every drawing undergoes detailed quality checks before submission.

### **Faster Turnaround**

Efficient workflows help meet aggressive construction schedules.

### **International Standards**

Experience working with international detailing practices and client standards.

### **Constructability Focus**

Drawings are prepared with practical site execution in mind.

### **Cost Optimization**

Optimized reinforcement layouts reduce steel wastage.

### **Dedicated Support**

Responsive communication and continuous coordination throughout project execution.

## INDUSTRIES WE SERVE

### **Residential Buildings**

Apartments, villas, residential towers.

### **Commercial Buildings**

Office towers, malls, mixed-use developments.

### **Industrial Projects**

Factories, warehouses, industrial facilities.

### **Infrastructure Projects**

Bridges, retaining walls, utility structures.

### **Institutional Projects**

Hospitals, schools, religious buildings.





# SAMPLE BBS

Member	Bar Mark	Type of Bar	No. of Bars	No. of Bars Each	Total No. of Bars	Shape Code	Bending Dimensions							Total Length of Bar	Weight (Kg)	Bend Shape			
							A	B	C	D	E	F	G				H	I	J
							mm	mm	mm	mm	mm	mm	mm				mm	mm	mm
FTG	01	B25	1	125	125	11	400	8000						8000	433.75	11			
FTG	02	B25	1	135	135	11	400	11600						12000	624.48	11			
FTG	03	B30	1	125	125	15	4000	800	8000					12000	3489	15			
FTG	04	B25	1	35	35	21	500	3000	500					3000	1079.12	21			
FTG	05	B30	1	175	175	31	400	400	125	125				1820	199.43	31			
FTG	06	B30	1	175	175	31	250	400	125	125				1320	167.89	31			
FTG	07	B25	1	35	35	21	400	9000	500					9000	1335.41	21			
FTG	08	B25	1	96	96	28	425	9000	425					8850	3644.34	28			
FTG	09	B30	1	150	150	34	425	300	425	200				1320	499.37	34			
FTG	10	B36	1	150	150	25	425	425	2500	250	4000			4820	1148.72	25			
FTG	17	B25	1	35	35	21	400	3000	500					3000	526.67	21			
FTG	18	B32	1	35	35	03	6000							6000	1326.26	03			

BBS Summary	Dia (mm)	8	10	12	14	16	18	20	25	32	40	Total (Tons)
Total Qty	0	366.52	0	0	0	1145.72	0	4109.37	17164.17	1226.36	0	24.2

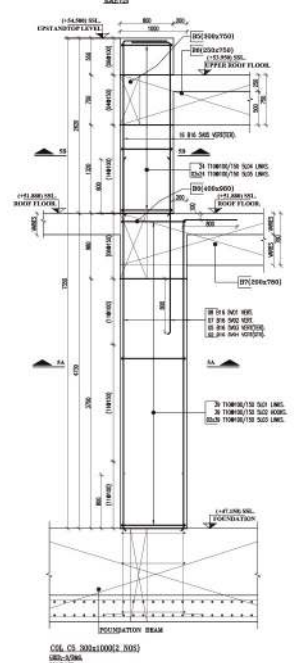
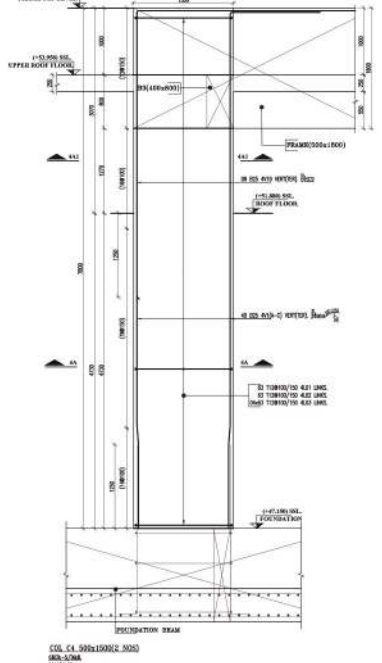
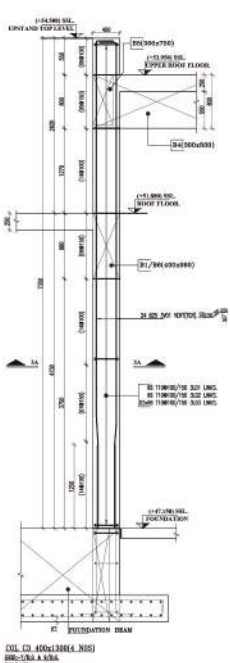
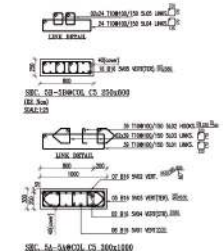
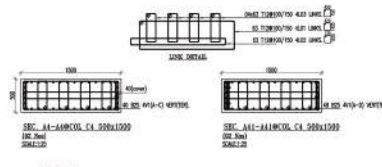
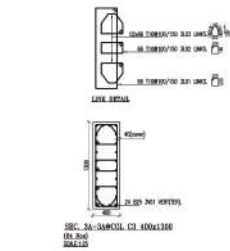
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MEMBER	BAR MARK	Bar ID	SHAPE	SR CODE	BAR LOTH	NO. MEM BER	NO. OF BARS EACH	TOTAL NO. OF BARS	KGM	Weight KGS	
FTG	01	B25	11		11	9000	1	125	125	3.854	4335.75
FTG	02	B25	11		11	12000	1	135	135	3.854	6243.48
FTG	03	B30	15		15	12000	1	125	125	2.466	3489
FTG	04	B25	21		21	8000	1	35	35	3.854	1079.12
FTG	05	B30	31		31	1520	1	175	175	0.616	199.43
FTG	06	B30	31		31	1520	1	175	175	0.616	167.89
FTG	07	B25	21		21	9000	1	35	35	3.854	1335.41
FTG	08	B25	25		25	9520	1	96	96	3.854	3644.34
FTG	09	B30	34		34	1320	1	150	150	2.466	499.37
FTG	10	B36	25		25	4820	1	150	150	1.379	1148.72
FTG	17	B25	11		11	3000	1	35	35	3.854	526.67
FTG	18	B32	03		03	6000	1	35	35	6.316	1326.26

PREPARED BY: CHS

CHECKED & APPROVED BY:

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*Let's Build Better Together*



**CONSTECH**  
REBAR SOLUTIONS

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CONSTECH REBAR SOLUTIONS PROVIDES RELIABLE AND ACCURATE REINFORCEMENT DETAILING SUPPORT FOR PROJECTS WORLDWIDE

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REQUEST A SAMPLE DRAWING OR PILOT PROJECT EVALUATION TODAY  
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