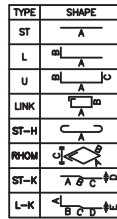


BAR BENDING SCHEDULE:

BAR MARK	TYPE	DA (MM)	A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	LENGTH (MM)	NOS.	WEIGHT (KG)
(1)	U	12	1750	125	125	-	-	1928	82	89.0
(2)	U	10	1600	125	125	-	-	1790	76	83.9
(3)	L	20	2853	737	-	-	-	3330	16	131.4
(4)	L	16	2733	549	-	-	-	3234	16	81.7
(5)	LINK	8	350	200	-	-	-	1280	24	11.9
(6)	ST-H	8	200	-	-	-	-	408	24	3.9
(7)	ST-H	8	350	-	-	-	-	558	24	5.3
(8)	U	12	2150	150	150	-	-	2378	126	266.0
(9)	U	12	2000	150	150	-	-	2228	138	273.0
(10)	L	20	2851	689	-	-	-	3280	24	194.1
(11)	L	20	2951	689	-	-	-	3580	24	211.9
(12)	LINK	8	350	200	-	-	-	1280	42	20.9
(13)	ST-H	8	200	-	-	-	-	408	42	6.8
(14)	ST-H	8	350	-	-	-	-	558	42	9.2
(15)	U	12	2650	200	200	-	-	2978	52	137.5
(16)	U	12	2500	200	200	-	-	2828	56	140.6
(17)	L	20	2851	589	-	-	-	3180	8	62.7
(18)	L	20	2951	589	-	-	-	3480	8	68.7
(19)	LINK	8	350	200	-	-	-	1280	14	7.0
(20)	ST-H	8	200	-	-	-	-	408	14	2.3
(21)	ST-H	8	350	-	-	-	-	558	14	3.1
TOTAL WT.									1810.9	

BAR SHAPES:

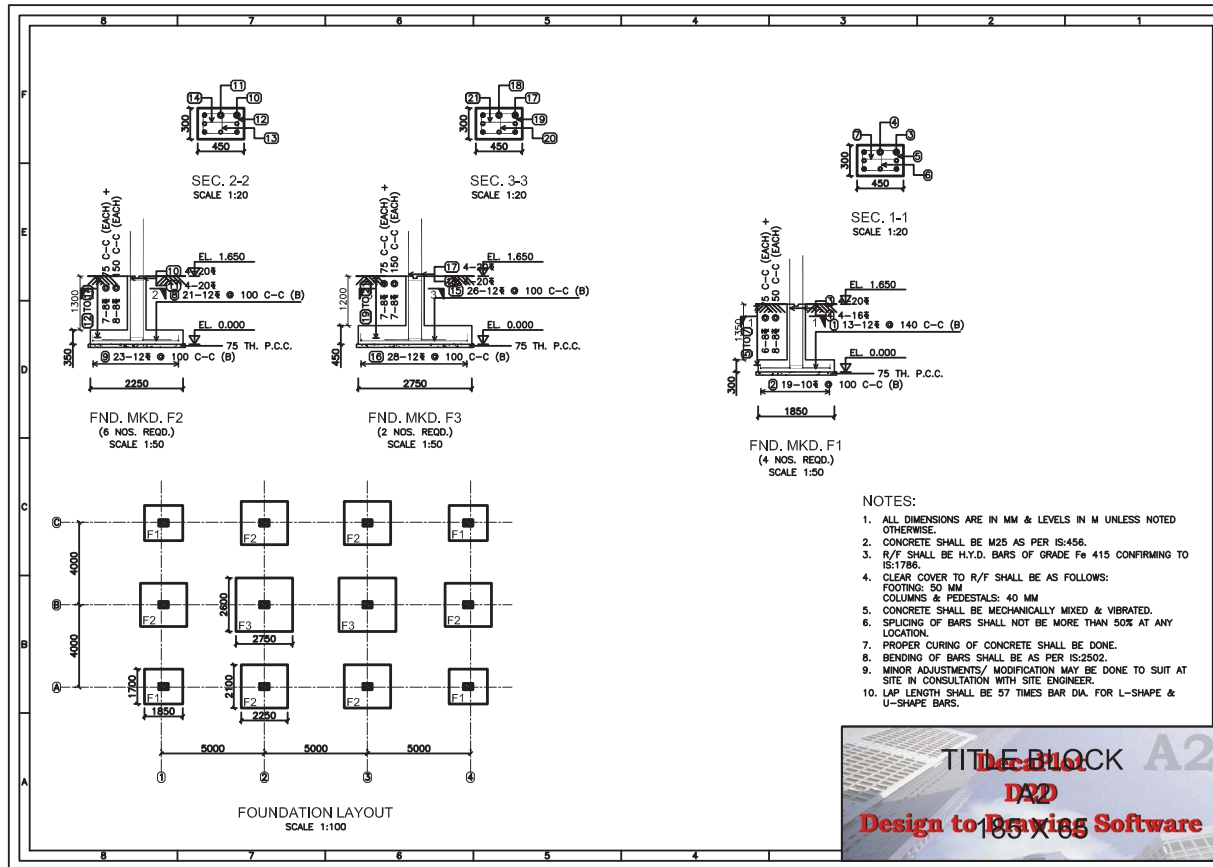


SUMMARY:

TYPE	SHAPE	DA (MM)	WEIGHT (KG)
ST	A	8	70.4
L	A	10	83.9
U	A	12	906.1
LINK	A	16	81.7
ST-H	A	20	668.8
TOTAL			1810.9

BILL OF QUANTITIES:

ITEM	QUANTITY
CONCRETE	22.24 CU.M
P.C.C.	4.53 CU.M
SHUTTERING	59.82 SQ.M
STEEL R/F	1810.9 KG



BAR BENDING SCHEDULE: PAGE 1 OF 3

BAR MARK	TYPE	DIA. (MM)	A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	LENGTH (MM)	NOS.	WEIGHT (KGS)
(1) ST 20	4635	--	--	--	--	--	--	4635	16	182.9
(2) ST 16	4415	--	--	--	--	--	--	4415	16	111.5
(3) LINK 8	350	200	--	--	--	--	--	1260	80	39.8
(4) ST-H 8	200	--	--	--	--	--	--	408	80	12.9
(5) ST-H 8	350	--	--	--	--	--	--	556	80	17.8
(6) L 20	2285	175	--	--	--	--	--	2380	16	63.9
(7) L 16	1985	175	--	--	--	--	--	2092	16	52.8
(8) LINK 8	350	200	--	--	--	--	--	1260	120	98.7
(9) ST-H 8	200	--	--	--	--	--	--	408	120	18.3
(10) ST-H 8	350	--	--	--	--	--	--	556	120	26.4
(11) ST 20	4588	--	--	--	--	--	--	4588	24	271.6
(12) ST 20	4688	--	--	--	--	--	--	4688	24	271.6
(13) LINK 8	350	200	--	--	--	--	--	1260	120	98.7
(14) ST-H 8	200	--	--	--	--	--	--	408	120	18.3
(15) ST-H 8	350	--	--	--	--	--	--	556	120	26.4
(16) L 20	2313	175	--	--	--	--	--	2428	24	143.7
(17) L 20	2012	175	--	--	--	--	--	2127	24	125.9
(18) LINK 8	350	200	--	--	--	--	--	1260	180	89.8
(19) ST-H 8	200	--	--	--	--	--	--	408	180	29.0
(20) ST-H 8	350	--	--	--	--	--	--	556	180	39.8
(21) ST 20	4635	--	--	--	--	--	--	4635	8	91.4
(22) ST 20	4635	--	--	--	--	--	--	4635	8	91.4
(23) LINK 8	350	200	--	--	--	--	--	1260	40	19.9
(24) ST-H 8	200	--	--	--	--	--	--	408	40	8.4
(25) ST-H 8	350	--	--	--	--	--	--	556	40	8.8
(26) L 16	2285	175	--	--	--	--	--	2392	8	30.2
(27) L 16	1985	175	--	--	--	--	--	2092	8	26.4
(28) LINK 8	350	200	--	--	--	--	--	1260	60	29.8
(29) ST-H 8	200	--	--	--	--	--	--	408	60	9.7
(30) ST-H 8	350	--	--	--	--	--	--	556	60	13.2
TOTAL WT. 2020.3										

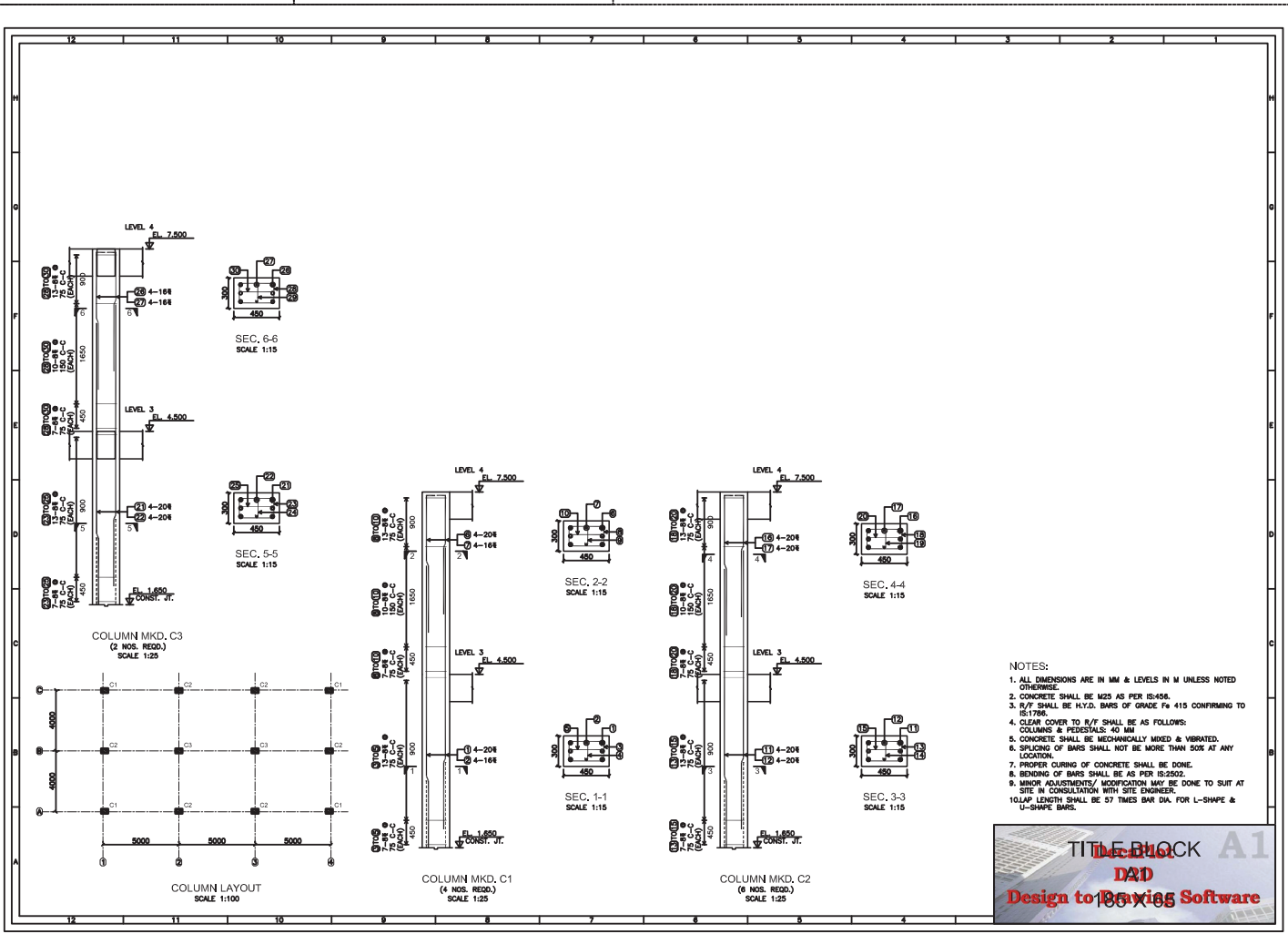
BAR SHAPES: PAGE 2 OF 3

SUMMARY:

TYPE	SHAPE	DIA. (MM)	WEIGHT (KGS)
ST	A	8	527.0
L	A	16	250.9
LINK	A	20	1272.4
TOTAL			2020.3

BILL OF QUANTITIES:

ITEM	QUANTITY
CONCRETE	8.48 CUM
SHUTTERING	105.30 SQ.M
STEEL R/F	2020.3 KG



- NOTES:
- ALL DIMENSIONS ARE IN MM & LEVELS IN M UNLESS NOTED OTHERWISE.
 - CONCRETE SHALL BE M25 AS PER IS:456.
 - R/F SHALL BE HY.D. BARS OF GRADE Fe 415 CONFORMING TO IS:1786.
 - CLEAR COVER TO R/F SHALL BE AS FOLLOWS:
COLUMNS & PEDESTALS: 40 MM
CONCRETE SHALL BE MIDWIDELY MIXED & VIBRATED.
 - SPLICING OF BARS SHALL NOT BE MORE THAN 50% AT ANY LOCATION.
 - PROPER CURING OF CONCRETE SHALL BE DONE.
 - BENDING OF BARS SHALL BE AS PER IS:2502.
 - MINOR ADJUSTMENTS/ MODIFICATION MAY BE DONE TO SUIT AT SITE IN CONSULTATION WITH SITE ENGINEER.
 - LAP LENGTH SHALL BE 57 TIMES BAR DIA. FOR L-SHAPE & U-SHAPE BARS.



BAR BENDING SCHEDULE: PAGE 1 OF 2

BAR MARK	TYPE	DIA. (MM)	A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	LENGTH (MM)	NOS.	WEIGHT (KG)
(01)	U	18	15180	359	359	-	-	15902	3	74.8
(02)	L	18	1695	359	-	-	-	1998	3	9.3
(03)	ST	20	2630	-	-	-	-	2630	3	21.7
(04)	ST	20	2630	-	-	-	-	2630	3	21.7
(05)	L	18	1695	359	-	-	-	1998	3	9.3
(06)	U	12	15180	163	163	-	-	15434	6	62.2
(07)	LNK	8	250	400	80	-	-	1460	118	66.0
(08)	U	18	15180	359	359	-	-	15902	3	74.8
(09)	L	20	1695	555	-	-	-	2150	3	13.9
(10)	ST	20	2630	-	-	-	-	2630	3	21.7
(11)	ST	20	2630	-	-	-	-	2630	3	21.7
(12)	L	20	1695	555	-	-	-	2150	3	13.9
(13)	U	20	15180	555	555	-	-	16170	3	119.5
(14)	LNK	8	250	400	80	-	-	1460	108	62.2
(15)	U	18	15180	359	359	-	-	15902	3	74.8
(16)	L	18	1695	359	-	-	-	1998	3	9.3
(17)	ST	20	2630	-	-	-	-	2630	3	21.7
(18)	ST	20	2630	-	-	-	-	2630	3	21.7
(19)	L	18	1695	359	-	-	-	1998	3	9.3
(20)	U	12	15180	163	163	-	-	15434	6	62.2
(21)	LNK	8	250	400	80	-	-	1460	118	66.0
(22)	U	12	8180	313	313	-	-	8734	3	23.3
(23)	L	18	1275	509	-	-	-	1738	3	8.2
(24)	ST	18	2300	-	-	-	-	2300	3	10.9
(25)	L	18	1275	509	-	-	-	1738	3	8.2
(26)	U	16	8180	509	509	-	-	9102	3	43.1
(27)	LNK	8	250	400	80	-	-	1460	66	38.0
(28)	U	18	8180	509	509	-	-	9102	3	43.1
(29)	L	18	1275	509	-	-	-	1738	3	8.2
(30)	LNK	8	250	400	80	-	-	1460	66	38.0
(31)	U	18	8180	509	509	-	-	9102	3	43.1
(32)	L	18	1275	509	-	-	-	1738	3	8.2
(33)	ST	18	2300	-	-	-	-	2300	3	10.9

PAGE 2 OF 2

BAR MARK	TYPE	DIA. (MM)	A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	LENGTH (MM)	NOS.	WEIGHT (KG)
(34)	L	18	1275	509	-	-	-	1738	3	8.2
(35)	U	16	8180	509	509	-	-	9102	3	43.1
(36)	LNK	8	250	400	80	-	-	1460	66	38.0
(37)	U	12	8180	313	313	-	-	8734	3	23.3
(38)	L	18	1275	509	-	-	-	1738	3	8.2
(39)	ST	18	2300	-	-	-	-	2300	3	10.9
(40)	L	18	1275	509	-	-	-	1738	3	8.2
(41)	U	18	8180	509	509	-	-	9102	3	43.1
(42)	LNK	8	250	400	80	-	-	1460	66	38.0

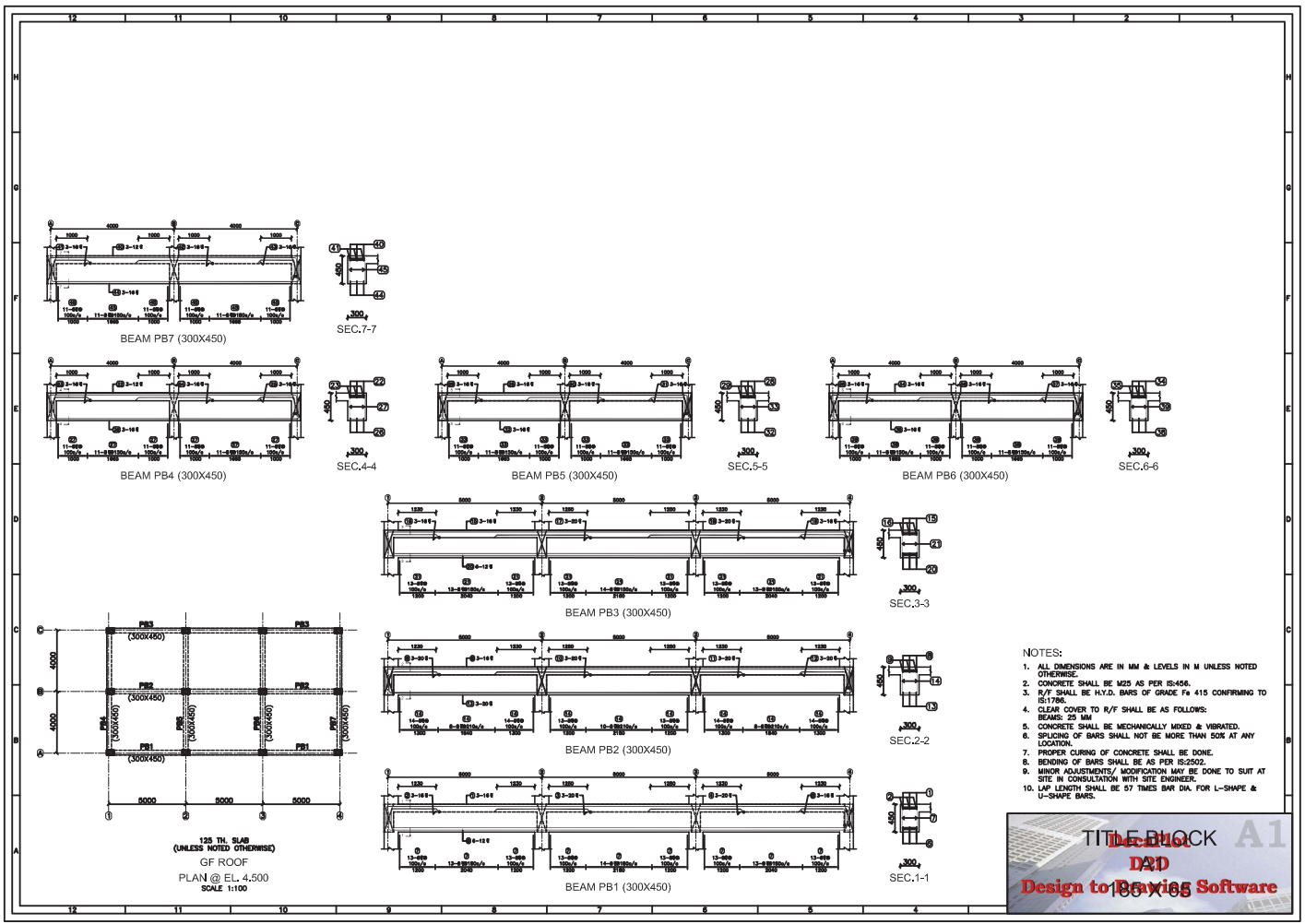
TOTAL WT. 1472.2

BAR SHAPES: SUMMARY:

TYPE	SHAPE	DIA. (MM)	WEIGHT (KG)
ST	A	8	300.2
L	B	12	211.0
U	C	16	628.4
LNK	A	20	281.6
TOTAL			1472.2

BILL OF QUANTITIES:

ITEM	QUANTITY
CONCRETE	6.40 CUM
SHUTTERING	71.32 SQM
STEEL R/F	1472.2 KG



BAR MARK	TYPE	DIA (MM)	A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	LENGTH (MM)	NOS.	WEIGHT (KG)
1	ST	8	5235	-	-	-	-	5235	20	41.3
2	L	8	755	100	-	-	-	831	20	6.6
3	ST	8	3110	-	-	-	-	3110	26	31.9
4	ST	8	4235	-	-	-	-	4235	33	55.1
5	L	8	655	100	-	-	-	731	25	7.2
6	ST	8	2499	-	-	-	-	2499	44	43.4
7	ST	8	5270	-	-	-	-	5270	20	41.6
8	ST	8	3110	-	-	-	-	3110	26	31.9
9	ST	8	4235	-	-	-	-	4235	33	55.1
10	L	8	655	90	-	-	-	721	25	7.1
11	ST	8	2499	-	-	-	-	2499	44	43.4
12	ST	8	5235	-	-	-	-	5235	20	41.3
13	L	8	755	100	-	-	-	831	20	6.6
14	ST	8	4235	-	-	-	-	4235	33	55.1
15	L	8	655	100	-	-	-	731	25	7.2
16	ST	8	2499	-	-	-	-	2499	44	43.4
17	ST	8	5235	-	-	-	-	5235	20	41.3
18	L	8	755	100	-	-	-	831	20	6.6
19	ST	8	3110	-	-	-	-	3110	26	31.9
20	ST	8	4235	-	-	-	-	4235	33	55.1
21	L	8	655	100	-	-	-	731	25	7.2
22	ST	8	5270	-	-	-	-	5270	20	41.6
23	ST	8	3110	-	-	-	-	3110	26	31.9
24	ST	8	4235	-	-	-	-	4235	33	55.1
25	L	8	655	90	-	-	-	721	25	7.1
26	ST	8	5235	-	-	-	-	5235	20	41.3
27	L	8	755	100	-	-	-	831	20	6.6
28	ST	8	4235	-	-	-	-	4235	33	55.1
29	L	8	655	100	-	-	-	731	25	7.2
TOTAL WT.									906.2	

BAR SHAPES:

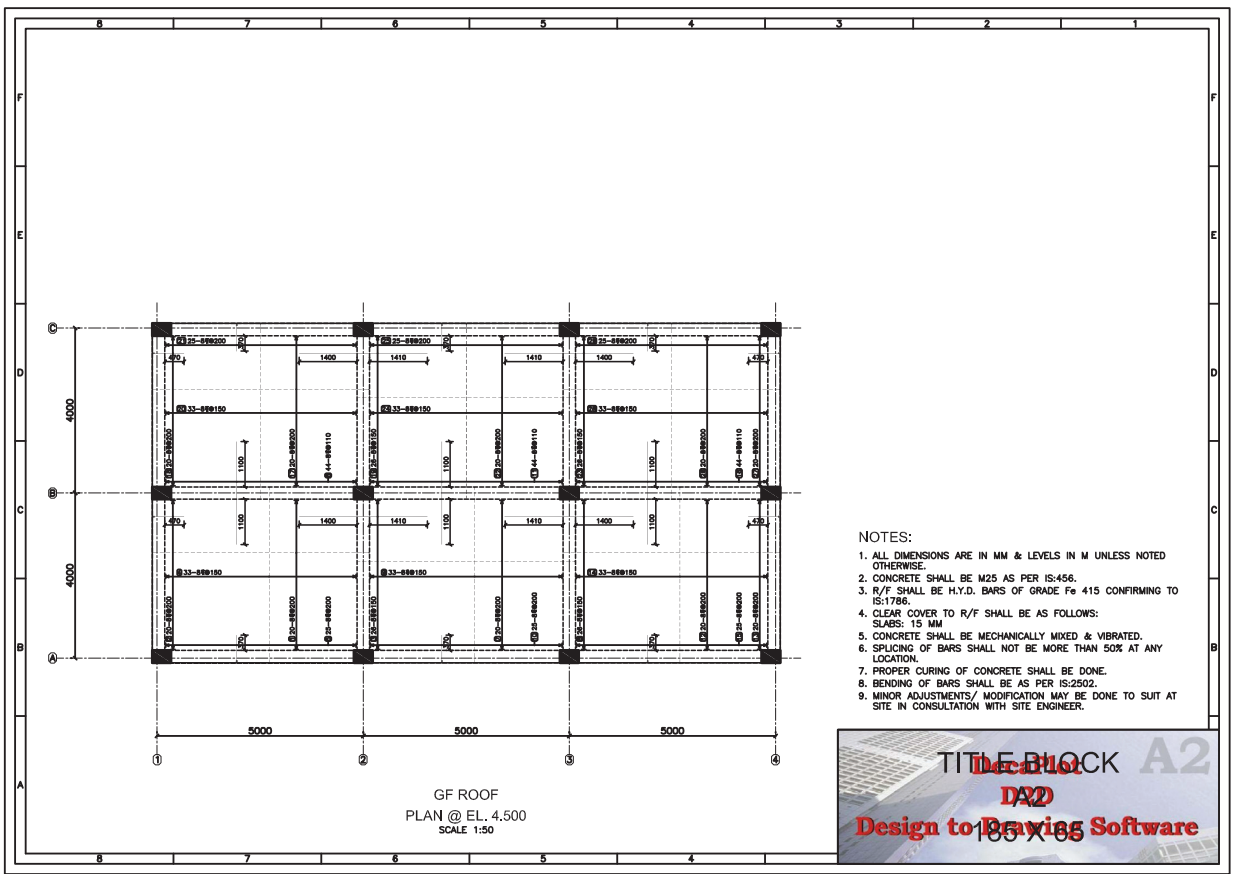
TYPE	SHAPE
ST	A
L	A
U	A
LINK	A
ST-H	A
RHOW	A
ST-K	A B C
L-K	A B C D
C	A

SUMMARY:

DIA (MM)	WEIGHT (KG)
8	906.2
TOTAL	906.2

BILL OF QUANTITIES:

ITEM	QUANTITY
CONCRETE	13.02 CU.M
SHUTTERING	102.84 SQ.M
STEEL R/F	906.2 KG



- NOTES:
1. ALL DIMENSIONS ARE IN MM & LEVELS IN M UNLESS NOTED OTHERWISE.
 2. CONCRETE SHALL BE M25 AS PER IS:456.
 3. R/F SHALL BE H.Y.D. BARS OF GRADE Fe 415 CONFIRMING TO IS:1786.
 4. CLEAR COVER TO R/F SHALL BE AS FOLLOWS:
SLABS: 15 MM
 5. CONCRETE SHALL BE MECHANICALLY MIXED & VIBRATED.
 6. SPLICING OF BARS SHALL NOT BE MORE THAN 50% AT ANY LOCATION.
 7. PROPER CURING OF CONCRETE SHALL BE DONE.
 8. BENDING OF BARS SHALL BE AS PER IS:2502.
 9. MINOR ADJUSTMENTS/ MODIFICATION MAY BE DONE TO SUIT AT SITE IN CONSULTATION WITH SITE ENGINEER.

PAGE 1 OF 2

BAR BENDING SCHEDULE:

BAR MARK	TYPE	DL (MM)	A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	LENGTH (MM)	NOS.	WEIGHT (KG)
1	L-K	8	100	883	130	4260	92	5349	11	23.2
2	ST-K	8	2768	130	3790	92	-	6688	11	29.0
3	ST	8	3110	-	-	-	-	3110	10	12.3
4	L-K	8	100	733	130	3410	92	4349	17	29.2
5	ST-K	8	2218	130	3040	92	-	5388	17	36.1
6	ST	8	2499	-	-	-	-	2499	13	12.6
7	ST-K	8	2788	115	3815	82	-	6728	11	29.2
8	ST-K	8	2798	115	3815	82	-	6728	11	29.2
9	ST	8	3110	-	-	-	-	3110	10	12.3
10	L-K	8	90	743	115	3410	82	4334	17	29.1
11	ST-K	8	2228	115	3040	82	-	5383	17	36.1
12	ST	8	2499	-	-	-	-	2499	12	11.8
13	ST-K	8	2768	130	3790	92	-	6688	11	29.0
14	L-K	8	100	883	130	4260	92	5349	11	23.2
15	L-K	8	100	733	130	3410	92	4349	17	29.2
16	ST-K	8	2218	130	3040	92	-	5388	17	36.1
17	ST	8	2499	-	-	-	-	2499	13	12.6
18	L-K	8	100	883	130	4260	92	5349	11	23.2
19	ST-K	8	2768	130	3790	92	-	6688	11	29.0
20	ST	8	3110	-	-	-	-	3110	10	12.3
21	ST-K	8	2218	130	3040	92	-	5388	17	36.1
22	L-K	8	100	733	130	3410	92	4349	17	29.2
23	ST-K	8	2798	115	3815	82	-	6728	11	29.2
24	ST-K	8	2798	115	3815	82	-	6728	11	29.2
25	ST	8	3110	-	-	-	-	3110	10	12.3
26	ST-K	8	2228	115	3040	82	-	5383	17	36.1
27	L-K	8	90	743	115	3410	82	4334	17	29.1
28	ST-K	8	2768	130	3790	92	-	6688	11	29.0
29	L-K	8	100	883	130	4260	92	5349	11	23.2
30	ST-K	8	2218	130	3040	92	-	5388	17	36.1
31	L-K	8	100	733	130	3410	92	4349	17	29.2
TOTAL WT. 803.8										

PAGE 2 OF 2

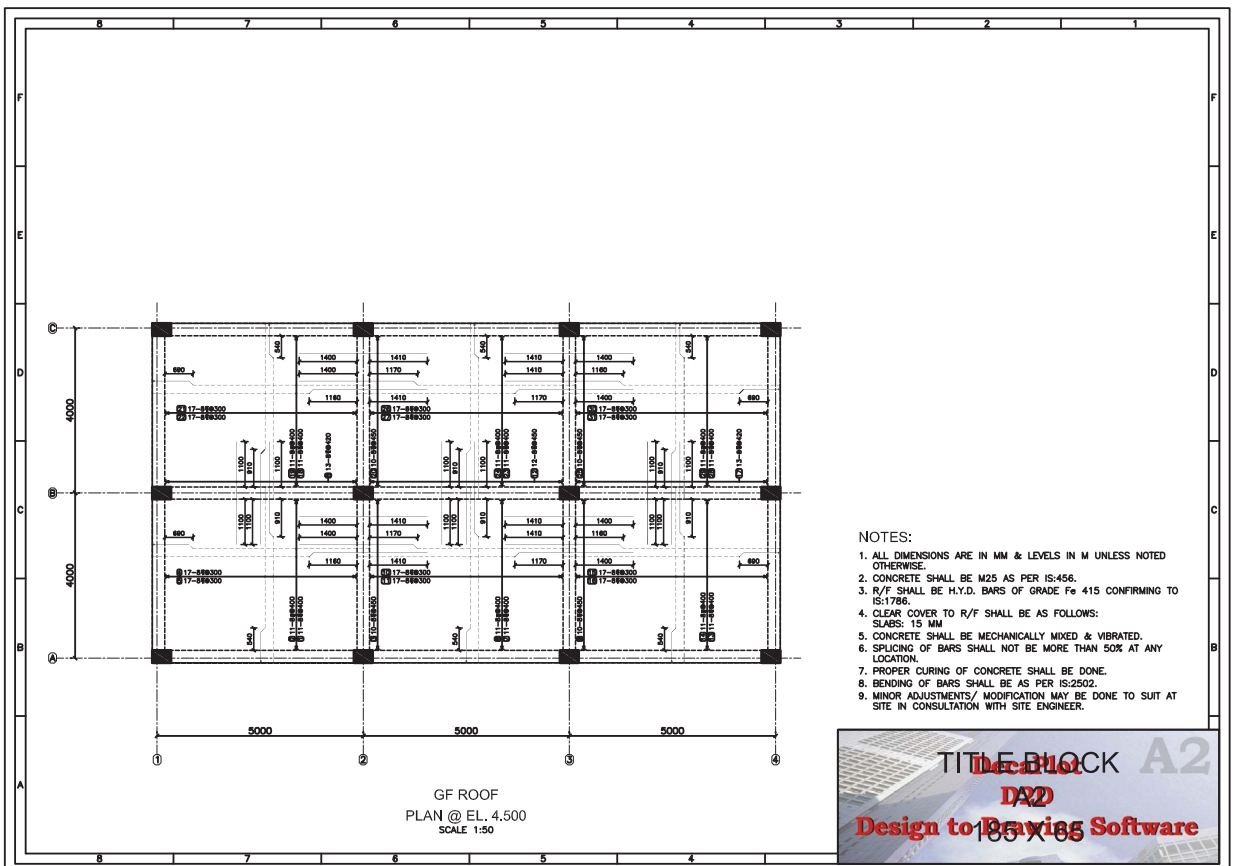
BAR SHAPES: SUMMARY:

TYPE	SHAPE	DIA. (MM)	WEIGHT (KG)
ST	A	8	803.8
TOTAL 803.8			

BILL OF QUANTITIES:

ITEM	QUANTITY
CONCRETE	13.02 CU.M
SHUTTERING	102.84 SQ.M
STEEL R/F	803.8 KG

BAR SHAPES: (Diagrams showing various bar shapes: ST, L, U, LINK, ST-H, RHOM, ST-K, L-K, C)



- NOTES:
1. ALL DIMENSIONS ARE IN MM & LEVELS IN M UNLESS NOTED OTHERWISE.
 2. CONCRETE SHALL BE M25 AS PER IS:456.
 3. R/F SHALL BE H.Y.D. BARS OF GRADE Fe 415 CONFORMING TO IS:1786.
 4. CLEAR COVER TO R/F SHALL BE AS FOLLOWS:
SLABS: 15 MM
 5. CONCRETE SHALL BE MECHANICALLY MIXED & VIBRATED.
 6. SPLICING OF BARS SHALL NOT BE MORE THAN 50% AT ANY LOCATION.
 7. PROPER CURING OF CONCRETE SHALL BE DONE.
 8. BENDING OF BARS SHALL BE AS PER IS:2502.
 9. MINOR ADJUSTMENTS/ MODIFICATION MAY BE DONE TO SUIT AT SITE IN CONSULTATION WITH SITE ENGINEER.

