

BEAM SCHEDULE (M30:Fe500) (LEVEL: 3FRS)

BEAM NUMBERS	SIZE		BOTTOM REINFORCEMENT			TOP REINFORCEMENT			SHEAR STIRRUPS			SFR	DIAGONAL	REMARKS
	B	D	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT			
B1	750	750	7-T25 2-T25+2-T20	7-T25 2-T25+2-T20	7-T25 2-T25+2-T20	7-T20 7-T25	7-T20 7-T25	7-T20 7-T25	6L-T12Ø100 C/C	6L-T12Ø100 C/C	6L-T12Ø100 C/C	3-T12EF	-	-
B2	300	900	3-T25 2-T20+1-T16	3-T25 2-T20+1-T16	3-T25 2-T20+1-T16	2-T25+1-T20 7-T25	2-T25+1-T20 7-T25	2-T25+1-T20 7-T25	2L-T12Ø100 C/C	2L-T12Ø125 C/C	2L-T12Ø100 C/C	3-T10EF	-	-
B3a	600	600	6-T25	6-T25	6-T25	4-T25+2-T20 2-T16	4-T25+2-T20	4-T25+2-T20 2-T20	4L-T12Ø100 C/C	4L-T12Ø100 C/C	4L-T12Ø100 C/C	-	-	-
B3b	600	600	6-T25	6-T25	6-T25	4-T25+2-T20 2-T20	4-T25+2-T20	4-T25+2-T20 2-T16	4L-T10Ø100 C/C	4L-T10Ø100 C/C	4L-T10Ø100 C/C	-	-	-
B3c	600	600	6-T25	6-T25	6-T25	4-T25+2-T20 2-T16	4-T25+2-T20	4-T25+2-T20 2-T16	4L-T10Ø100 C/C	4L-T10Ø150 C/C	4L-T10Ø100 C/C	-	-	-
B3d	600	600	6-T25	6-T25	6-T25	4-T25+2-T20 2-T16	4-T25+2-T20	4-T25+2-T20 2-T16	4L-T10Ø100 C/C	4L-T10Ø100 C/C	4L-T10Ø100 C/C	-	-	-
B3e	600	600	6-T25	6-T25	6-T25	4-T25+2-T20 2-T16	4-T25+2-T20	4-T25+2-T20 2-T16	4L-T10Ø100 C/C	4L-T10Ø150 C/C	4L-T10Ø100 C/C	-	-	-
B3f	600	600	6-T25	6-T25	6-T25	4-T25+2-T20 2-T16	4-T25+2-T20	4-T25+2-T20 2-T16	4L-T10Ø100 C/C	4L-T10Ø150 C/C	4L-T10Ø100 C/C	-	-	-
B3g	600	600	6-T25	6-T25	6-T25	4-T25+2-T20 2-T16	4-T25+2-T20	4-T25+2-T20 3-T20	4L-T10Ø100 C/C	4L-T10Ø100 C/C	4L-T10Ø100 C/C	-	-	-
B3h	600	600	6-T25	6-T25	6-T25	4-T25+2-T20 3-T20	4-T25+2-T20	4-T25+2-T20 2-T16	4L-T12Ø100 C/C	4L-T12Ø100 C/C	4L-T12Ø100 C/C	-	-	-
B4	350	750	3-T25 2-T20+1-T16	3-T25 2-T20+1-T16	3-T25 2-T20+1-T16	3-T25 + 2-T25	3-T25 + 2-T25	3-T25 + 2-T25	3L-T10Ø100 C/C	3L-T10Ø100 C/C	3L-T10Ø100 C/C	2-T10EF	-	-
B5	230	600	2-T20	2-T20	2-T20	2-T20	2-T20	2-T20	2L-T10Ø100 C/C	2L-T10Ø100 C/C	2L-T10Ø100 C/C	-	-	-
B6	230	450	2-T16+1-T12	2-T16+1-T12	2-T16+1-T12	2-T12+1-T16	2-T12+1-T16	2-T12+1-T16	2L-T8Ø150 C/C	2L-T8Ø150 C/C	2L-T8Ø150 C/C	-	-	-
B7a	230	600	3-T16	3-T16	3-T16	2-T12+1-T16	2-T12+1-T16	2-T12+1-T16 + 3-T12	2L-T8Ø150 C/C	2L-T8Ø125 C/C	2L-T8Ø100 C/C	-	-	-
B7b	230	600	3-T16	3-T16	3-T16	2-T12+1-T16 3-T12	2-T12+1-T16	2-T12+1-T16	2L-T8Ø100 C/C	2L-T8Ø100 C/C	2L-T8Ø100 C/C	-	-	-
B8	230	300	2-T20+1-T12	2-T20+1-T12	2-T20+1-T12	3-T12	3-T12	3-T12	2L-T8Ø175 C/C	2L-T8Ø175 C/C	2L-T8Ø175 C/C	-	-	300 SUNK
B9	300	600	3-T16	3-T16 + 2-T12	3-T16	3-T16	3-T16	3-T16	2L-T8Ø175 C/C	2L-T8Ø150 C/C	2L-T8Ø175 C/C	-	-	-
B10	300	600	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8Ø175 C/C	2L-T8Ø150 C/C	2L-T8Ø175 C/C	-	-	-
B11	300	600	3-T20	3-T20 + 2-T20	3-T20	3-T16	3-T16	3-T16	2L-T8Ø125 C/C	2L-T8Ø150 C/C	2L-T8Ø125 C/C	-	-	-
B12a	450	600	4-T25	4-T25	4-T25	4-T25 + 2-T12	4-T25	4-T25 + 4-T25	4L-T10Ø100 C/C	4L-T8Ø100 C/C	4L-T10Ø100 C/C	-	-	-
B12b	450	600	2-T32+2-T25	2-T32+2-T25 4-T25	2-T32+2-T25	4-T25 + 4-T25	4-T25	4-T25 + 4-T25	4L-T12Ø100 C/C	4L-T12Ø125 C/C	4L-T12Ø100 C/C	-	-	-
B13a	450	600	2-T20+2-T16	2-T20+2-T16 2-T20+2-T16	2-T20+2-T16	4-T16 4-T20	4-T16	4-T16 + 4-T20	4L-T8Ø100 C/C	4L-T8Ø150 C/C	4L-T8Ø100 C/C	-	-	-
B13b	450	600	2-T20+2-T16	2-T20+2-T16	2-T20+2-T16	4-T16 + 4-T20	4-T16	4-T16 + 2-T20	4L-T8Ø100 C/C	4L-T8Ø150 C/C	4L-T8Ø100 C/C	-	-	-
B14a	750	600	7-T20	7-T20	7-T20	7-T20 2-T20	7-T20	7-T20 + 6-T20	6L-T8Ø100 C/C	6L-T8Ø125 C/C	6L-T8Ø100 C/C	-	-	-
B14b	750	600	7-T20 + 7-T20 6-T20	7-T20	7-T20	7-T20 + 6-T20	7-T20	7-T20 + 6-T20	6L-T10Ø100 C/C	6L-T10Ø100 C/C	6L-T10Ø100 C/C	-	-	-
B15a	450	600	4-T25	4-T25 + 4-T25	4-T25	4-T20 2-T25+2-T32	4-T20	4-T20 2-T25+2-T32	4L-T12Ø100 C/C	4L-T12Ø125 C/C	4L-T12Ø100 C/C	-	-	-
B15b	450	600	4-T25	4-T25	4-T25	4-T20 2-T25+2-T32	4-T20	4-T20	4L-T8Ø100 C/C	4L-T8Ø150 C/C	4L-T8Ø100 C/C	-	-	-
B16a	750	600	7-T16	7-T16	7-T16	7-T16 + 5-T16	7-T16	7-T16 + 7-T16 7-T16	4L-T10Ø100 C/C	4L-T10Ø125 C/C	4L-T10Ø100 C/C	-	-	-
B16b	750	600	7-T16	7-T16 + 4-T16	7-T16	7-T16 + 7-T16 7-T16	7-T16	7-T16 + 7-T16 7-T16	4L-T10Ø100 C/C	4L-T10Ø125 C/C	4L-T10Ø100 C/C	-	-	-
B17a	450	600	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	4L-T8Ø100 C/C	4L-T8Ø125 C/C	4L-T8Ø100 C/C	-	-	-
B17b	450	600	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	4L-T8Ø100 C/C	4L-T8Ø125 C/C	4L-T8Ø100 C/C	-	-	-
B17c	450	600	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	4L-T8Ø100 C/C	4L-T8Ø125 C/C	4L-T8Ø100 C/C	-	-	-
B17d	450	600	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	4L-T8Ø100 C/C	4L-T8Ø125 C/C	4L-T8Ø100 C/C	-	-	-
B17e	450	600	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	4L-T8Ø100 C/C	4L-T8Ø125 C/C	4L-T8Ø100 C/C	-	-	-
B17f	450	600	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	4L-T8Ø125 C/C	4L-T8Ø125 C/C	4L-T8Ø100 C/C	-	-	-
B17g	450	600	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	4L-T8Ø100 C/C	4L-T8Ø125 C/C	4L-T8Ø100 C/C	-	-	-
B17h	450	600	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20	2-T25+2-T20 4-T20	4L-T8Ø100 C/C	4L-T8Ø125 C/C	4L-T8Ø100 C/C	-	-	-
B17i	450	600	2-T25+2-T20	2-T25+2-T20 3-T25	2-T25+2-T20	2-T25+2-T20 4-T20	2-T25+2-T20	2-T20+2-T25 4-T20	4L-T10Ø100 C/C	4L-T10Ø125 C/C	4L-T10Ø100 C/C	-	-	-
B17j	450	600	2-T25+2-T20	2-T25+2-T20 2-T16	2-T25+2-T20	2-T20+2-T25 4-T20	2-T25+2-T20	2-T25+2-T20 2-T16	4L-T8Ø100 C/C	4L-T8Ø125 C/C	4L-T8Ø100 C/C	-	-	-
B18	230	600	2-T16+1-T12	2-T16+1-T12	2-T16+1-T12	2-T12+1-T16	2-T12+1-T16	2-T12+1-T16	2L-T8Ø150 C/C	2L-T8Ø150 C/C	2L-T8Ø150 C/C	-	-	-
B19	450	600	4-T20	4-T20	4-T20	4-T16 + 4-T20	4-T16	4-T16 + 4-T16	4L-T10Ø100 C/C	4L-T10Ø150 C/C	4L-T10Ø100 C/C	-	-	-
B20	750	600	5-T20+2-T16	5-T20+2-T16 7-T16	5-T20+2-T16	7-T16 4-T20	7-T16	7-T16 + 4-T20	6L-T10Ø100 C/C	6L-T10Ø125 C/C	6L-T10Ø100 C/C	-	-	-
B21a	450	600	4-T16	4-T16	4-T16	4-T16 + 4-T16	4-T16	4-T16 + 4-T16	4L-T10Ø100 C/C	4L-T10Ø150 C/C	4L-T10Ø100 C/C	-	-	-
B21b	450	600	4-T16	4-T16	4-T16	4-T16 + 4-T16	4-T16	4-T16 + 4-T16	4L-T10Ø100 C/C	4L-T10Ø150 C/C	4L-T10Ø100 C/C	-	-	-
B22a	750	600	7-T20 + 2-T16	7-T20 + 2-T16	7-T20 + 2-T16	7-T16 + 4-T20	7-T16 + 4-T20	7-T16 + 4-T20	6L-T8Ø100 C/C	6L-T8Ø150 C/C	6L-T8Ø100 C/C	-	-	-
B22b	750	600	7-T20 + 2-T16	7-T20 + 2-T16	7-T20 + 2-T16	7-T16 + 4-T20	7-T16 + 4-T20	7-T16 + 4-T20	6L-T8Ø100 C/C	6L-T8Ø150 C/C	6L-T8Ø100 C/C	-	-	-
B22c	750	600	7-T20 + 2-T16	7-T20 + 2-T16	7-T20 + 2-T16	7-T16 4-T20	7-T16 + 4-T20	7-T16 + 4-T20	6L-T8Ø100 C/C	6L-T8Ø150 C/C	6L-T8Ø100 C/C	-	-	-
B22d	750	600	7-T20 + 2-T16	7-T20 + 2-T16	7-T20 + 2-T16	7-T16 4-T20	7-T16 + 4-T20	7-T16 + 4-T20	6L-T8Ø100 C/C	6L-T8Ø150 C/C	6L-T8Ø100 C/C	-	-	-
B23a	450	600	4-T16	4-T16	4-T16	4-T16 + 4-T16	4-T16	4-T16 + 4-T16	4L-T10Ø100 C/C	4L-T10Ø150 C/C	4L-T10Ø100 C/C	-	-	-
B23b	450	600	4-T16	4-T16 + 4-T12	4-T16	4-T16 + 4-T16	4-T16	4-T16 + 4-T20	4L-T10Ø100 C/C	4L-T10Ø150 C/C	4L-T10Ø100 C/C	-	-	-
B23c	450	600	4-T16 2-T16	4-T16 4-T16	4-T16 + 2-T16	4-T16 4-T20	4-T16	4-T16 4-T20	4L-T10Ø100 C/C	4L-T10Ø125 C/C	4L-T10Ø100 C/C	-	-	-
B23d	450	600	4-T16	4-T16 + 4-T12	4-T16	4-T16 + 4-T20	4-T16	4-T16 + 3-T20	4L-T10Ø100 C/C	4L-T10Ø125 C/C	4L-T10Ø100 C/C	-	-	-
B24	230	450	2-T20	2-T20	2-T20	2-T20	2-T20	2-T20	2L-T10Ø100 C/C	2L-T10Ø100 C/C	2L-T10Ø100 C/C	-	-	-
B25a	300	600	3-T20	3-T20	3-T20	3-T20	3-T20 + 3-T20 2-T16	3-T20 + 3-T16	2L-T8Ø275 C/C	2L-T8Ø200 C/C	2L-T8Ø200 C/C	-	-	-
B25b	300	600	3-T20	3-T20	3-T20	3-T20 + 3-T16	3-T20	3-T20	2L-T12Ø100 C/C	2L-T12Ø125 C/C	2L-T8Ø100 C/C	-	-	-
B26a	300	600	3-T20	3-T20	3-T20	3-T20	3-T20 + 3-T20 2-T20	3-T20 2-T20+1-T25	2L-T12Ø100 C/C	2L-T12Ø125 C/C	2L-T12Ø100 C/C	-	-	-
B26b	300	600	3-T20	3-T20	3-T20	3-T20 2-T20+1-T25	3-T20 + 2-T20	3-T20	2L-T8Ø250 C/C	2L-T8Ø125 C/C	2L-T8Ø125 C/C	-	-	-
B27a	450	600	4-T20	4-T20	4-T20	4-T20 + 4-T16	4-T20	4-T20 + 4-T20	4L-T10Ø100 C/C	4L-T10Ø125 C/C	4L-T10Ø100 C/C	-	-	-
B27b	450	600	4-T20	4-T20 + 4-T16	4-T20	4-T20 + 4-T20	4-T20	4-T20 + 4-T16	4L-T10Ø100 C/C	4L-T8Ø100 C/C	4L-T10Ø100 C/C	-	-	-
B27c	450	600	4-T20	4-T20 4-T12	4-T20	4-T20 + 4-T16	4-T20	4-T20 + 4-T20	4L-T12Ø100 C/C	4L-T12Ø125 C/C	4L-T12Ø100 C/C	-	-	-
B27d	450	600	4-T20	4-T20 + 2-T16	4-T20	4-T20 + 4-T20	4-T20	4-T20 + 4-T16	4L-T10Ø100 C/C	4L-T10Ø125 C/C	4L-T10Ø100 C/C	-	-	-
B28a	450	600	4-T25	4-T25	4-T25	4-T25	4-T25	4-T25 + 2-T20	4L-T10Ø100 C/C	4L-T10Ø125 C/C	4L-T10Ø100 C/C	-	-	-
B28b	450	600	4-T25	4-T25	4-T25	4-T25 + 2-T20	4-T25	4-T25 + 4-T25	4L-T12Ø100 C/C	4L-T12Ø125 C/C	4L-T12Ø100 C/C	-	-	-
B28c	450	600	2-T32+2-T25	2-T32+2-T25 3-T32	2-T32+2-T25	4-T25 + 4-T25	4-T25	4-T25 4-T25	4L-T12Ø100 C/C	4L-T12Ø100 C/C	4L-T12Ø100 C/C	-	-	-
B28d	450	600	4-T25	4-T25	4-T25	4-T25 + 4-T25	4-T25	4-T25 + 2-T12	4L-T10Ø100 C/C	4L-T8Ø100 C/C	4L-T10Ø100 C/C	-	-	-
B29	300	600	3-T20	3-T20 + 3-T20 2-T16	3-T20	3-T20 2-T20	3-T20	3-T20 + 3-T20 2-T20	2L-T10Ø100 C/C	2L-T10Ø125 C/C	2L-T10Ø100 C/C	-	-	-
B30	230	450	2-T16+1-T12	2-T16+1-T12	2-T16+1-T12	2-T12+1-T16	2-T12+1-T16	2-T12+1-T16	2L-T8Ø100 C/C	2L-T8Ø150 C/C	2L-T8Ø150 C/C	-	-	-
B31a	300	600	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8Ø150 C/C	2L-T8Ø200 C/C	2L-T8Ø150 C/C	-	-	-
B31b	300	600	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8Ø100 C/C	2L-T8Ø150 C/C	2L-T8Ø150 C/C	-	-	-
B33	450	600	4-T20	4-T20	4-T20	4-T16 2-T12	4-T16	4-T16 2-T12	4L-T10Ø100 C/C	4L-T10Ø150 C/C	4L-T10Ø100 C/C	-	-	-
B34a	450	600	4-T20 + 3-T16	4-T20	4-T20 + 3-T16	4-T20 + 4-T16	4-T20	4-T20 + 4-T20	4L-T10Ø100 C/C	4L-T				