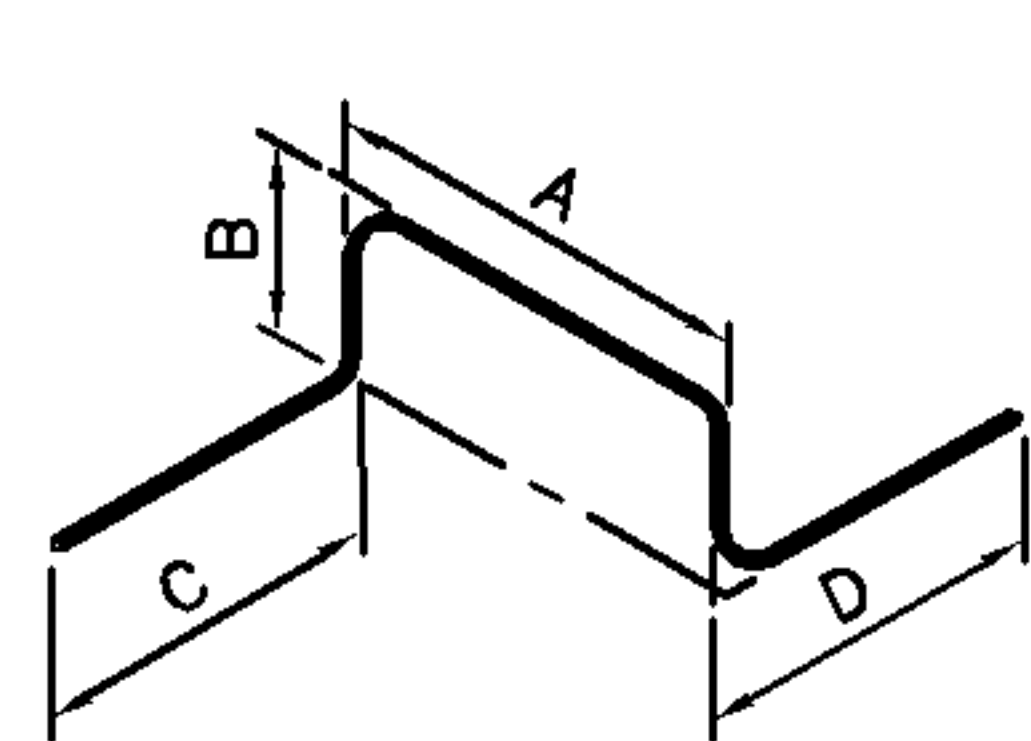


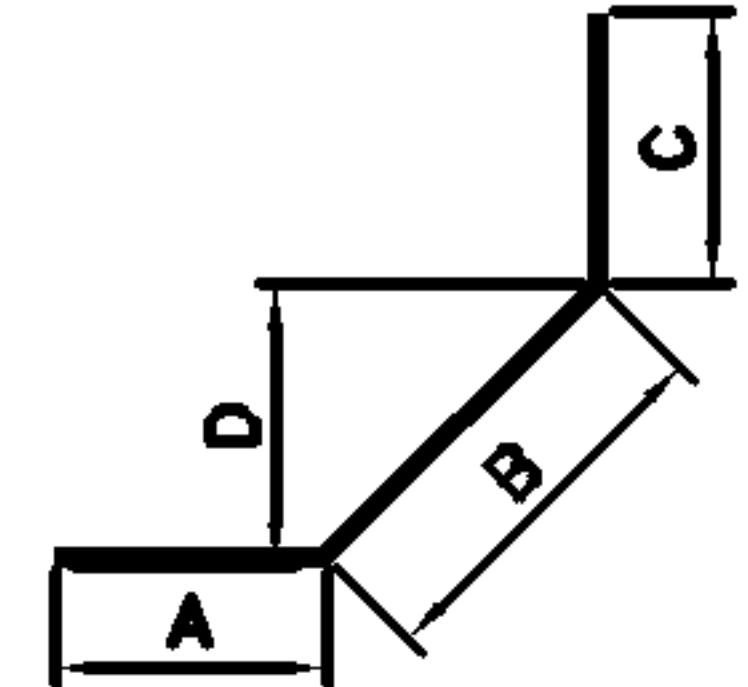
MRX513B										A *	B *	C *	D *	E/R *
MEMBER	BAR MARK	TYPE & SIZE	NO OF MBRS	NO IN EACH	TOTAL NO	LENGTH OF EACH BAR + MM	SHAPE CODE			MM	MM	MM	MM	MM
FLOOR	01A	B20	1	24	24	2325	00			2325				
FLOOR	01B	B20			1	3100	00			3100				
FLOOR	01C	B20			1	2825	00			2825				
FLOOR	01D	B20			1	2550	00			2550				
FLOOR	01E	B20			1	2300	00			2300				
FLOOR	01F	B20			1	2025	00			2025				
FLOOR	01G	B20			1	1750	00			1750				
FLOOR	01H	B20			1	1500	00			1500				
FLOOR	02A	B20	1	9	9	2825	00			2825				
FLOOR	02B	B20			1	2775	00			2775				
FLOOR	02C	B20			1	2700	00			2700				
FLOOR	02D	B20			1	2600	00			2600				
FLOOR	02E	B20			1	2525	00			2525				
FLOOR	02F	B20			1	2450	00			2450				
FLOOR	02G	B20			1	2350	00			2350				
FLOOR	02H	B20			1	2275	00			2275				
FLOOR	02J	B20			1	2200	00			2200				
FLOOR	02K	B20			1	2100	00			2100				
FLOOR	02L	B20			1	2025	00			2025				
FLOOR	02M	B20			1	1925	00			1925				
FLOOR	02N	B20			1	1850	00			1850				
FLOOR	02P	B20			1	1775	00			1775				
FLOOR	02Q	B20			1	1675	00			1675				
FLOOR	02R	B20			1	1600	00			1600				
FLOOR	02S	B20			1	1500	00			1500				
SIDE WALLS	03	B20	1	30	56	2625	00			2625				
FLOOR	04A	B20	1	24	24	2325	00			2325				
FLOOR	04B	B20			2	3100	00			3100				
FLOOR	04C	B20			2	2550	00			2550				
FLOOR	04D	B20			2	2025	00			2025				
FLOOR	04E	B20			2	1500	00			1500				
WALL D	05	B20	1	18	18	3250	00			3250				
FLOOR	06A	B20	1	10	10	2825	00			2825				
FLOOR	06B	B20			2	2700	00			2700				
FLOOR	06C	B20			2	2525	00			2525				
FLOOR	06D	B20			2	2350	00			2350				
FLOOR	06E	B20			2	2200	00			2200				
FLOOR	06F	B20			2	2025	00			2025				
FLOOR	06G	B20			2	1850	00			1850				
FLOOR	06H	B20			2	1675	00			1675				
FLOOR	06J	B20			2	1500	00			1500				
ALL BENDING DIMENSIONS ARE IN ACCORDANCE WITH B.S.8666										* SPECIFIED TO THE NEAREST 5mm				+ SPECIFIED TO THE NEAREST 25mm

MRX513B										A *	B *	C *	D *	E/R *
MEMBER	BAR MARK	TYPE & SIZE	NO OF MBRS	NO IN EACH	TOTAL NO	LENGTH OF EACH BAR + MM	SHAPE CODE			MM	MM	MM	MM	MM
WALLS A&B A&D, C&D	07A	B20	3	17	51	2870	11			1100				SHORT LEG IN WALLS B,C,&D
WALLS B & C	07B	B20	1	17	17	2820	15			1030	895			SHORT LEG IN WALL C
WALL B	07C	B20	1	17	17	2820	15			1030	505			
END WALLS	08	B20	1	20	30	2625	00			2625				
FLOOR & SIDE WALLS	09	B20	1	50	96	2000	11			1200				STARTER BAR (SHORT LEG IN FLOOR)
SPARE	10													
FLOOR & END WALLS	11	B20	1	34	50	2000	11			1200				STARTER BAR (SHORT LEG IN FLOOR)
SIDE WALLS	12	B20	1	26	49	2625	00			2625				
WALL D	13A	B20	1	16	16	3250	00			3250				
WALL B	13B	B20	1	16	16	2820	15			1030	505			
END WALLS	14	B20	1	17	25	2625	00			2625				
SPARE	15													
ROOF	16A	B20	1	9	9	2825	00			2825				
ROOF	16B	B20			1	2775	00			2775				
ROOF	16C	B20			1	2700	00			2700				
ROOF	16D	B20			1	2600	00			2600				
ROOF	16E	B20			1	2525	00			2525				
ROOF	16F	B20			1	2450	00			2450				
ROOF	16G	B20			1	2350	00			2350				
ROOF	16H	B20			1	2275	00			2275				
ROOF	16J	B20			1	2200	00			2200				
ROOF	16K	B20			1	2100	00			2100				
ROOF	16L	B20			1	2025	00			2025				
ROOF	16M	B20			1	1925	00			1925				
ROOF	16N	B20			1	1850	00			1850				
ROOF	16P	B20			1	1775	00			1775				
ROOF	16Q	B20			1	1675	00			1675				
ROOF	16R	B20			1	1600	00			1600				
ROOF	16S	B20			1	1500	00			1500				
SHAFT	17	B20			24	2200	00			2200				
SHAFT	18	B20			2	1850	11			940				
ROOF & SIDE WALLS	19	B20	1	50	100	2750	11			1400				
ROOF	20A	B20	1	24	24	2325	00			2325				
ROOF	20B	B20			1	3100	00			3100				
ROOF	20C	B20			1	2825	00			2825				
ROOF	20D	B20			1	2550	00			2550				
ROOF	20E	B20			1	2300	00			2300				
ROOF	20F	B20			1	2025	00			2025				
ROOF	20G	B20			1	1750	00			1750				
ROOF	20H	B20			1	1500	00			1500				
ALL BENDING DIMENSIONS ARE IN ACCORDANCE WITH B.S.8666										* SPECIFIED TO THE NEAREST 5mm				+ SPECIFIED TO THE NEAREST 25mm

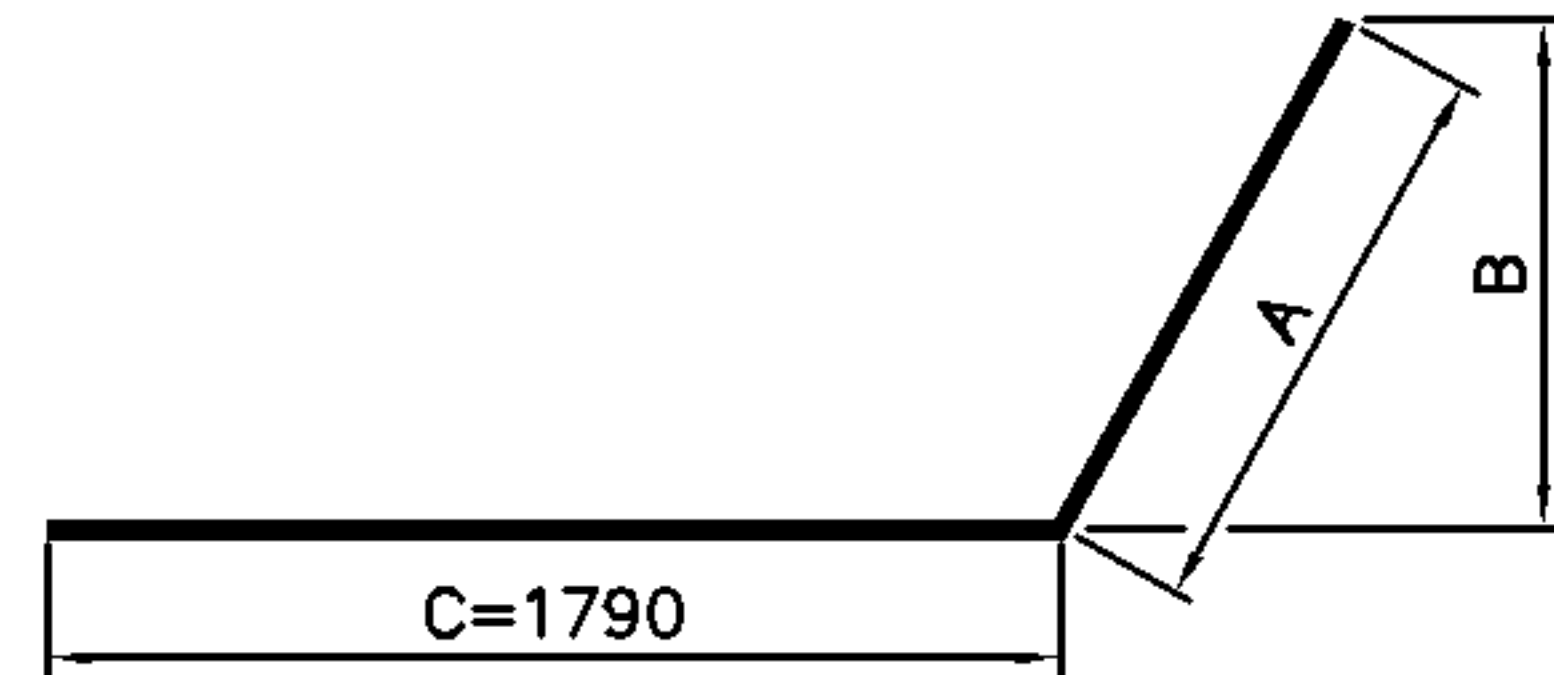
MRX513B										A *	B *	C *	D *	E/R *
MEMBER	BAR MARK	TYPE & SIZE	NO OF MBRS	NO IN EACH	TOTAL NO	LENGTH OF EACH BAR + MM	SHAPE CODE			MM	MM	MM	MM	MM
ROOF	21A	B20	1	10	10	2675	00			2675				
ROOF	21B	B20			1	3000	00			3000				
ROOF	21C	B20			1	2675	00			2675				
ROOF	21D	B20			1	2450	00			2450				
ROOF	21E	B20			1	2200	00			2200				
ROOF	21F	B20			1	1900	00			1900				
ROOF	21G	B20			1	1625	00			1625				
ROOF	21H	B20			1	1375	00			1375				
ROOF	21J	B20			1	1100	00			1100				
ROOF	21K	B20			1	1500	00			1500				
ROOF	22	B20			18	1700	00			1700				
ROOF & END WALLS	23	B20	1	34	52	2750	11			1400				
CHAIRS (ROOF)	24A	B10			16	700	98			250	145	120		SEE NOTE
CHAIRS (FLOOR)	24B	B10			16	850	98			250	125	200		SEE NOTE
SIDE & END WALLS	25	B10			46	425	21			150	140			U BARS
WALLS A&B A&D, C&D	26A	B20	3	16	48	2630	11			980				SHORT LEG IN WALLS B,C,&D
WALLS B & C	26B	B20	1	16	16	2820	15			1030	895			SHORT LEG IN WALL C
WHERE NEEDED	27	B20			96	2200	00			2200				EXTRA TRIMMING BARS
CHAMFER BARS	28	B16	2	75	150	1400	24			400	595	400	420	
ALL BENDING DIMENSIONS ARE IN ACCORDANCE WITH B.S.8666										* SPECIFIED TO THE NEAREST 5mm				+ SPECIFIED TO THE NEAREST 25mm



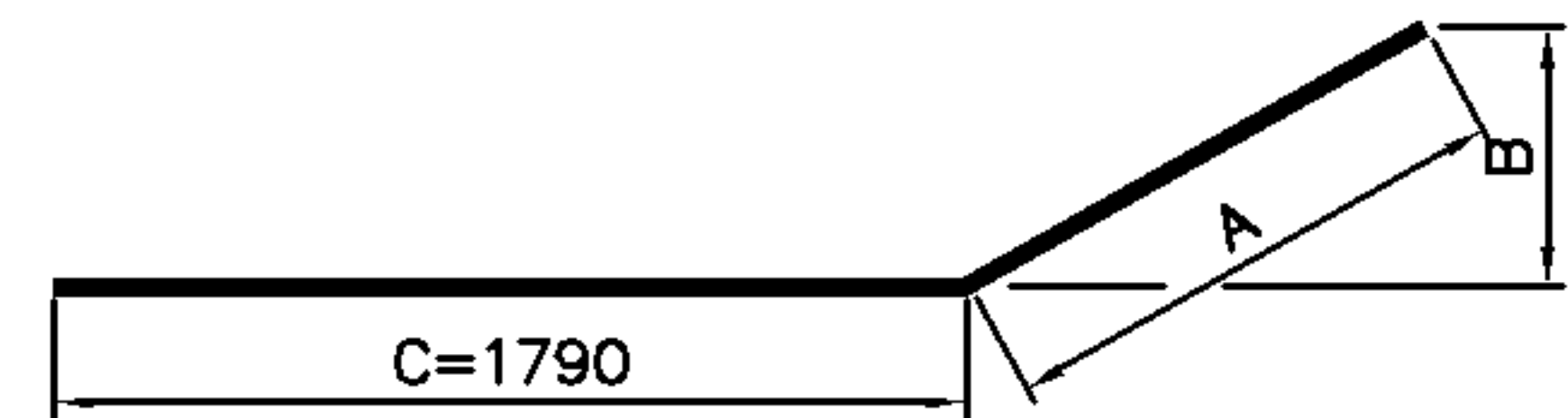
BAR MARK 24A-B10 & 24B-B10
SHAPE CODE 98



CHAMFER BAR - BAR MARK 28
SHAPE CODE 24



BAR MARK 07B-B20 & 26B-B20
SHAPE CODE 15



BAR MARK 07C-B20 & 13B-B20
SHAPE CODE 15

FOR BAR DETAILS SEE ABOVE

NOTE: CHAIRS CAN BE REPLACED WITH PROPRIETARY SPACERS AT THE CONTRACTOR'S DISCRETION.

A1 A2	DRN RFG C S CKD M.S.	ANY MODIFICATION TO THE DRAWING OR THE USE OF ALTERNATIVE ITEMS TO THOSE SPECIFIED MUST BE AGREED WITH THE DESIGNER.	MATERIAL -	OMS Drawing Review Drawing number amended to 07 of 08 Chamfer bars (BM28) shape code amended to 24	E	TOLERANCES TO SPECS BS8666, BS5606, BS EN1992 CN15456.	STANDARD MANHOLE MRX513B BAR SCHEDULE	REFERENCES SPECS: BS8666, BS EN1992 DRGS: CN15456.	
	CERTIFICATION DESIGNER M DA RIOS CLIENT M DA RIOS		FINISH -			VARIOUS LOCATIONS			
	BT		OMS			24.08.15			
DATE 04/07/94				AMENDMENT	ISSUE	Openreach	ALA944	CN 14943	SHT 07 OF 08