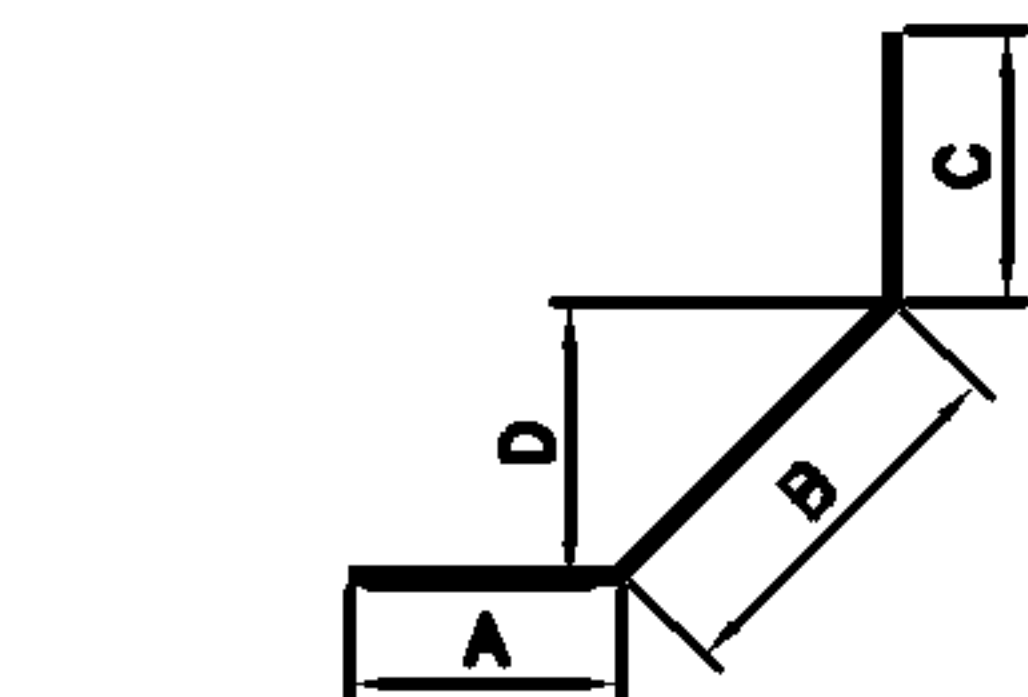


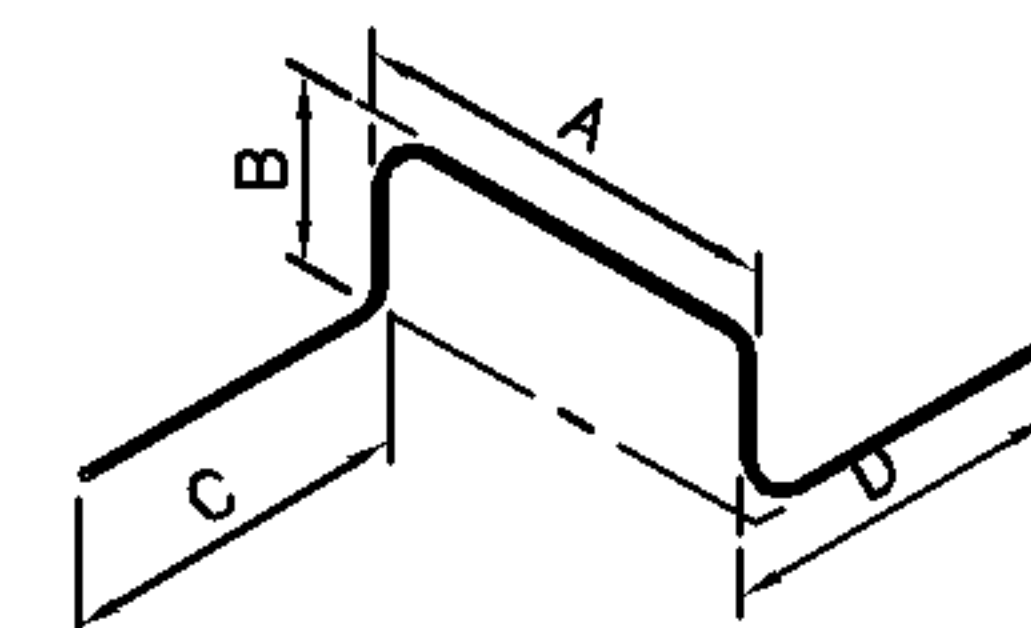
MRX510A													
MEMBER	BAR MARK	TYPE & SIZE	NO OF MBRS	NO IN EACH	TOTAL NO	LENGTH OF EACH BAR + MM	SHAPE CODE	A * MM	B * MM	C * MM	D * MM	E/R * MM	
FLOOR	01A	B20	1	11	11	3325	OO	3325					
FLOOR	01B	B20			1	3200	OO	3200					
FLOOR	01C	B20			1	2925	OO	2925					
FLOOR	01D	B20			1	2675	OO	2675					
FLOOR	01E	B20			1	2400	OO	2400					
FLOOR	01F	B20			1	2125	OO	2125					
FLOOR	01G	B20			1	1875	OO	1875					
FLOOR	01H	B20			1	1600	OO	1600					
FLOOR	01J	B20			1	1325	OO	1325					
FLOOR	01K	B20			1	1050	OO	1050					
FLOOR	01L	B20			1	1025	OO	1025					
FLOOR	02A	B20	1	8	8	2725	OO	2725					
FLOOR	02B	B20			1	2675	OO	2675					
FLOOR	02C	B20			1	2575	OO	2575					
FLOOR	02D	B20			1	2500	OO	2500					
FLOOR	02E	B20			1	2425	OO	2425					
FLOOR	02F	B20			1	2325	OO	2325					
FLOOR	02G	B20			1	2275	OO	2275					
FLOOR	02H	B20			1	2175	OO	2175					
FLOOR	02J	B20			1	2075	OO	2075					
FLOOR	02K	B20			1	2000	OO	2000					
FLOOR	02L	B20			1	1925	OO	1925					
FLOOR	02M	B20			1	1825	OO	1825					
FLOOR	02N	B20			1	1750	OO	1750					
FLOOR	02P	B20			1	1675	OO	1675					
FLOOR	02Q	B20			1	1600	OO	1600					
FLOOR	02R	B20			1	1525	OO	1525					
FLOOR	02S	B20			1	1450	OO	1450					
SIDE WALLS	03	B20	1	26	48	2300	OO	2300					
FLOOR	04A	B20			10	3325	OO	3325					
FLOOR	04B	B20			2	3200	OO	3200					
FLOOR	04C	B20			2	2675	OO	2675					
FLOOR	04D	B20			2	2125	OO	2125					
FLOOR	04E	B20			2	1600	OO	1600					
FLOOR	04F	B20			2	1025	OO	1025					
WALL D	05	B20	1	16	16	2500	OO	2500					
FLOOR	06A	B20	1	8	8	2725	OO	2725					
FLOOR	06B	B20			2	2675	OO	2675					
FLOOR	06C	B20			2	2500	OO	2500					
FLOOR	06D	B20			2	2325	OO	2325					
FLOOR	06E	B20			2	2175	OO	2175					
FLOOR	06F	B20			2	2000	OO	2000					
FLOOR	06G	B20			2	1825	OO	1825					
ALL BENDING DIMENSIONS ARE IN ACCORDANCE WITH B.S.8666 * SPECIFIED TO THE NEAREST 5mm + SPECIFIED TO THE NEAREST 25mm													

MRX510A													
MEMBER	BAR MARK	TYPE & SIZE	NO OF MBRS	NO IN EACH	TOTAL NO	LENGTH OF EACH BAR + MM	SHAPE CODE	A * MM	B * MM	C * MM	D * MM	E/R * MM	
FLOOR	06H	B20			2	1675	OO	1675					
FLOOR	06J	B20			2	1525	OO	1525					
FLOOR	06K	B20			2	1450	OO	1450					
WALL A & D	07A	B20	1	15	15	3030	11	1275					SHORT LEG IN WALL D
WALL A & B	07B	B20	1	15	15	2600	11	900					SHORT LEG IN WALL B
WALL C & D	07C	B20	1	15	15	2420	11	1100					SHORT LEG IN WALL C
WALL B & C	07D	B20	1	15	15	2820	15	1120	980				SHORT LEG IN WALL C #
WALL B	07E	B20	1	15	15	2580	15	880	435				SHORT LEG IN WALL B #
END WALLS	08	B20	1	20	30	2300	OO	2300					
FLOOR & SIDE WALLS	09	B20	1	44	84	2000	11	1200					STARTER BAR (SHORT LEG IN FLOOR)
SPARE	10												
FLOOR & END WALLS	11	B20	1	38	60	2000	11	1200					STARTER BAR (SHORT LEG IN FLOOR)
SIDE WALLS	12	B20	1	22	42	2300	OO	2300					
WALL D	13A	B20	1	14	14	2500	OO	2500					
WALL B	13B	B20	1	14	14	2450	15	800	390				SHORT LEG IN WALL B #
END WALLS	14	B20	1	19	29	2300	OO	2300					
SPARE	15												
ROOF	16A	B20	1	7	7	2725	OO	2725					
ROOF	16B	B20			1	2675	OO	2675					
ROOF	16C	B20			1	2575	OO	2575					
ROOF	16D	B20			1	2500	OO	2500					
ROOF	16E	B20			1	2425	OO	2425					
ROOF	16F	B20			1	2325	OO	2325					
ROOF	16G	B20			1	2275	OO	2275					
ROOF	16H	B20			1	2175	OO	2175					
ROOF	16J	B20			1	2075	OO	2075					
ROOF	16K	B20			1	2000	OO	2000					
ROOF	16L	B20			1	1925	OO	1925					
ROOF	16M	B20			1	1825	OO	1825					
ROOF	16N	B20			1	1750	OO	1750					
ROOF	16P	B20			1	1675	OO	1675					
ROOF	16Q	B20			1	1600	OO	1600					
ROOF	16R	B20			1	1525	OO	1525					
SHAFT	17	B20			24	2200	OO	2200					SHAFT TRIMMING BARS TRIM TO DRG CN13916
SHAFT	18	B20			2	1830	11	940					SHAFT TRIMMING BARS TRIM TO DRG CN13916
ROOF & SIDE WALLS	19A	B20	2	14	28	3100	11	1400	1745				SHORT LEG IN SIDE WALLS
ROOF & SIDE WALLS	19B	B20	2	8	16	3060	11	1400	1710				SHORT LEG IN SIDE WALLS
ROOF & SIDE WALLS	19C	B20	2	8	16	2900	11	1400	1545				SHORT LEG IN SIDE WALLS
ROOF & SIDE WALLS	19D	B20	2	8	16	2725	11	1375	1400				SHORT LEG IN SIDE WALLS
ROOF & SIDE WALLS	19E	B20	2	6	12	2550	11	1210	1400				LONG LEG IN SIDE WALLS
ROOF	20A	B20	1	10	10	3325	OO	3325					
ROOF	20B	B20			1	3200	OO	3200					
ROOF	20C	B20			1	2925	OO	2925					
ALL BENDING DIMENSIONS ARE IN ACCORDANCE WITH B.S.8666 * SPECIFIED TO THE NEAREST 5mm + SPECIFIED TO THE NEAREST 25mm													

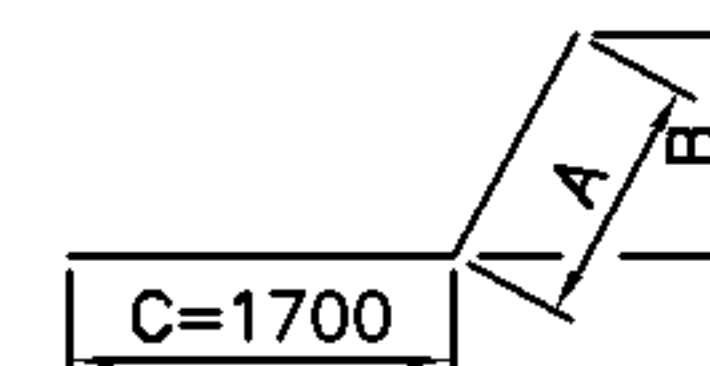
MRX510A													
MEMBER	BAR MARK	TYPE & SIZE	NO OF MBRS	NO IN EACH	TOTAL NO	LENGTH OF EACH BAR + MM	SHAPE CODE	A * MM	B * MM	C * MM	D * MM	E/R * MM	
ROOF	20D	B20			1	2675	OO	2675					
ROOF	20E	B20			1	2400	OO	2400					
ROOF	20F	B20			1	2125	OO	2125					
ROOF	20G	B20			1	1875	OO	1875					
ROOF	20H	B20			1	1600	OO	1600					
ROOF	20J	B20			1	1325	OO	1325					
ROOF	20K	B20			1	1025	OO	1025					
ROOF	21A	B20	1	10	10	3325	OO	3325					
ROOF	21B	B20			1	3200	OO	3200					
ROOF	21C	B20			1	2925	OO	2925					
ROOF	21D	B20			1	2675	OO	2675					
ROOF	21E	B20			1	2400	OO	2400					
ROOF	21F	B20			1	2125	OO	2125					
ROOF	21G	B20			1	1875	OO	1875					
ROOF	21H	B20			1	1600	OO	1600					
ROOF	21J	B20			1	1325	OO	1325					
ROOF	21K	B20			1	1025	OO	1025					
SPARE	22												
FLOOR & END WALLS	23	B20	1	34	50	2750	11	1400					
CHAIRS (ROOF)	24A	B10			12	700	98	250	145	120			SEE NOTE #
CHAIRS (FLOOR)	24B	B10			12	850	98	250	125	200			SEE NOTE #
SIDE & END WALLS	25	B10			52	425	21	150	145				U BARS
WALL A & D	26A	B20	1	14	14	2550	11	1000					SHORT LEG IN WALL D
WALL A & B	26B	B20	1	14	14	2350	11	800					SHORT LEG IN WALL B
WALL C & D	26C	B20	1	14	14	1950	11	1000					
WALL B & C	26D	B20	1	14	14	2590	15	1000	875				SHORT LEG IN WALL C #
WHERE NEEDED	27	B20			96	2200	OO	2200					EXTRA TRIMMING BARS
CHAMFER BARS	28	B16	2	66	132	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													



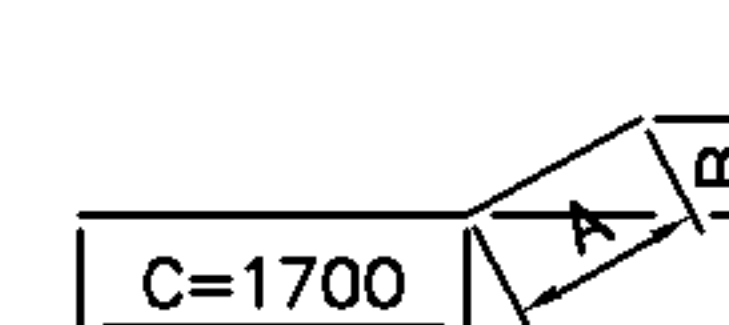
CHAMFER BAR - BAR MARK 28  
SHAPE CODE 24



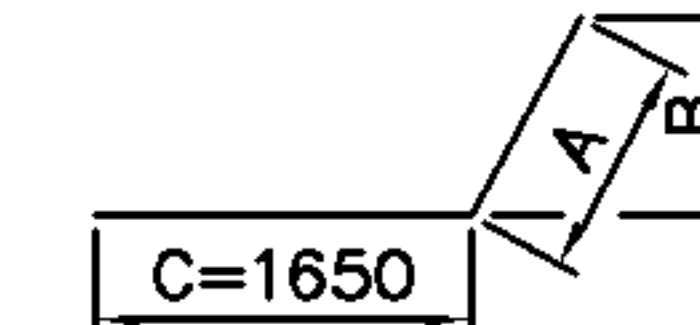
BAR MARK 24A-B10 & 24B-B10  
SHAPE CODE 98



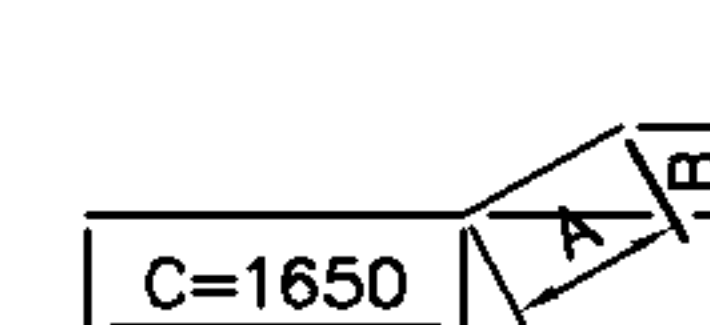
BAR MARK 07D-B20  
SHAPE CODE 15



BAR MARK 07E-B20  
SHAPE CODE 15



BAR MARK 26D-B20  
SHAPE CODE 15



BAR MARK 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 <u>MUST</u> BE AGREED WITH THE DESIGNER.	MATERIAL -	OMS Drawing Review Drawing number amended to 06 of 08 Chamfer bars (BM28) shape code amended to 24	E	TOLERANCES TO SPECS BS8666, BS5606, BS EN1992 CN15456.		STANDARD MANHOLE MRX510A BAR SCHEDULE		REFERENCES SPECS: BS8666, BS EN1992 DRGS: CN15456.	
	CERTIFICATION DESIGNER M DA RIOS CLIENT M DA RIOS		VARIOUS LOCATIONS								
	DATE 04/07/94					FINISH -	BT	OMS	23.08.15	Openreach	
			AMENDMENT			ISSUE					