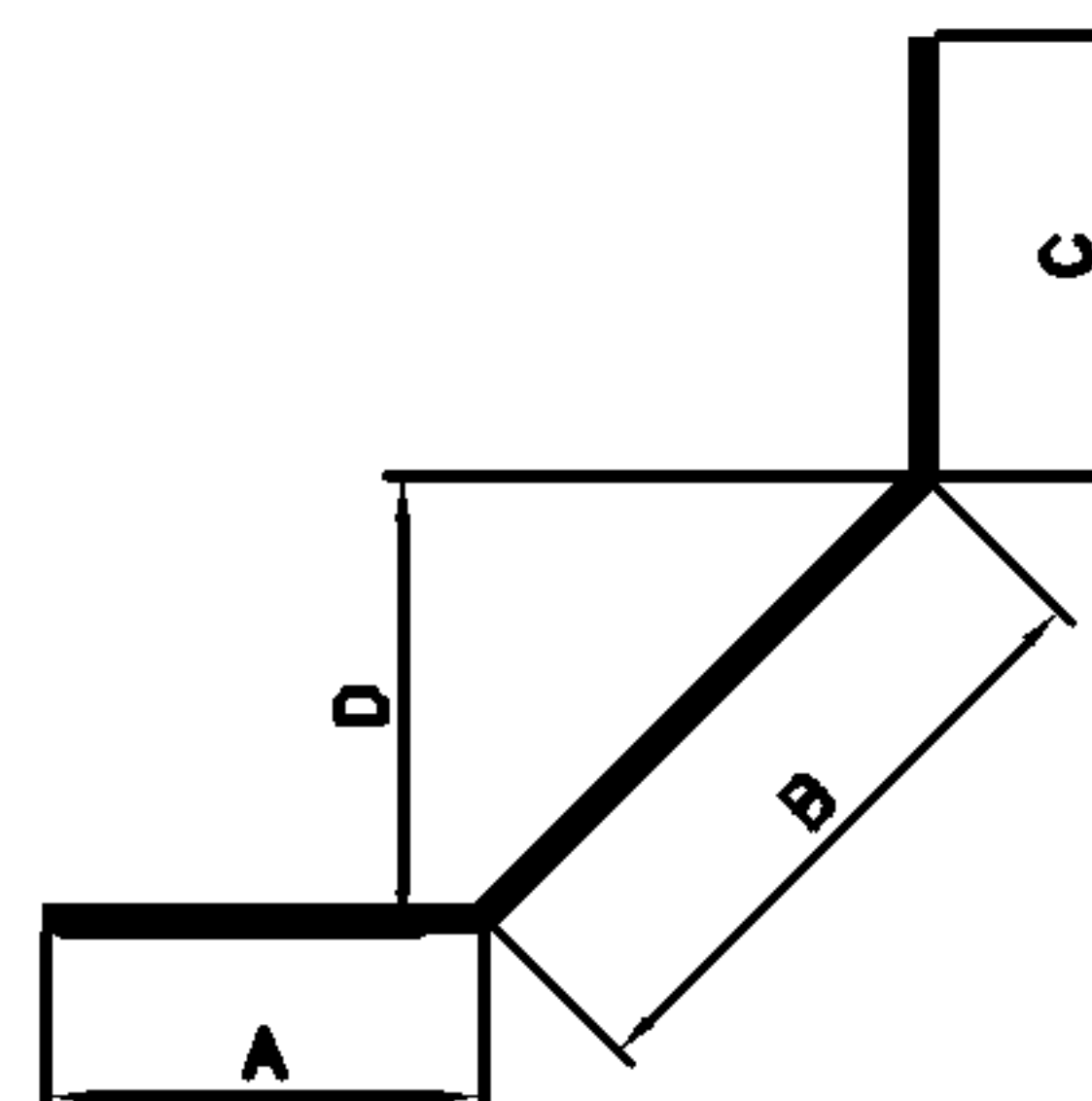


MRX411B												
MEMBER	BAR MARK	TYPE & SIZE	NO OF MBRS	NO IN EACH	TOTAL NO	LENGTH OF EACH BAR + MM	SHAPE CODE	A * MM	B * MM	C * MM	D * MM	E/R * MM
FLOOR	01	B20	1	38	38	3200	00	3200				
FLOOR	02	B20	1	35	35	2775	00	2775				
SIDE WALLS	03	B20	2	38	76	2625	00	2625				
FLOOR	04	B20	1	40	40	3200	00	3200				
SIDE WALLS	05	B20	2	18	36	5375	00	5375				
FLOOR	06	B20	1	36	36	2775	00	2775				
SIDE & END WALLS	07	B20	4	17	68	2650	11	1850			SHORT LEG IN SIDE WALL	
END WALLS	08	B20	2	16	32	2625	00	2625				
FLOOR & SIDE WALLS	09	B20	2	70	140	1950	11	1100	STARTER BAR (SHORT LEG IN FLOOR)			
SPARE	10											
FLOOR & END WALLS	11	B20	2	32	64	1950	11	1100	STARTER BAR (SHORT LEG IN FLOOR)			
SIDE WALLS	12	B20	2	35	70	2625	00	2625				
SIDE WALLS	13	B20	2	16	32	5375	00	5375				
END WALLS	14	B20	2	16	32	2625	00	2625				
END WALLS	15	B20	2	16	32	2775	00	2775				
ROOF	16	B20	1	35	35	2775	00	2775				
ROOF	17	B20			24	2200	00	2200			SHAFT TRIMMING BARS TRIM TO DRG CN13916	
ROOF	18	B20			2	1850	11	1000			SHAFT TRIMMING BARS TRIM TO DRG CN13916	
ROOF & SIDE WALLS	19	B20	2	70	140	2650	11	1850			SHORT LEG IN SIDE WALL	
ROOF	20	B20	1	36	36	3200	00	3200				
ROOF	21	B20	1	36	36	3200	00	3200				
SPARE	22											
ROOF & END WALLS	23	B20	2	36	72	1600	11	800				
CHAIRS (ROOF)	24A	B10			24	750	98	250	165	120	SEE NOTE	
CHAIRS (FLOOR)	24B	B10			24	900	98	250	150	200	SEE NOTE	
SIDE & END WALLS	25	B10			72	525	21	200	165		U BARS	
SPARE	26											
WHERE NEEDED	27	B20			20	2200	00	2200	EXTRA TRIMMING BARS			
CHAMFER BARS	28	B16	2	106	212	1475	24	400	665	400	470	
ALL BENDING DIMENSIONS ARE IN ACCORDANCE WITH B.S.8666												
* SPECIFIED TO THE NEAREST 5mm												

MRX411C												
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	01	B20	1	38	38	3200	00	3200				
FLOOR	02	B20	1	35	35	2775	00	2775				
SIDE WALLS	03	B20	2	38	76	2925	00	2925				
FLOOR	04	B20	1	40	40	3200	00	3200				
SIDE WALLS	05	B20	2	20	40	5375	00	5375				
FLOOR	06	B20	1	36	36	2775	00	2775				
SIDE & END WALLS	07	B20	4	19	76	2650	11	1850			SHORT LEG IN SIDE WALL	
END WALLS	08	B20	2	16	32	2925	00	2925				
FLOOR & SIDE WALLS	09	B20	2	70	140	1950	11	1100	STARTER BAR (SHORT LEG IN FLOOR)			
SPARE	10											
FLOOR & END WALLS	11	B20	2	32	64	1950	11	1100	STARTER BAR (SHORT LEG IN FLOOR)			
SIDE WALLS	12	B20	2	35	70	2925	00	2925				
SIDE WALLS	13	B20	2	18	36	5375	00	5375				
END WALLS	14	B20	2	16	32	2925	00	2925				
END WALLS	15	B20	2	18	36	2775	00	2775				
ROOF	16	B20	1	35	35	2775	00	2775				
ROOF	17	B20			24	2200	00	2200			SHAFT TRIMMING BARS TRIM TO DRG CN13916	
ROOF	18	B20			2	1850	11	1000			SHAFT TRIMMING BARS TRIM TO DRG CN13916	
ROOF & SIDE WALLS	19	B20	2	70	140	2650	11	1850			SHORT LEG IN SIDE WALL	
ROOF	20	B20	1	36	36	3200	00	3200				
ROOF	21	B20	1	36	36	3200	00	3200				
SPARE	22											
ROOF & END WALLS	23	B20	2	36	72	1600	11	800				
CHAIRS (ROOF)	24A	B10			24	750	98	250	165	120	SEE NOTE	
CHAIRS (FLOOR)	24B	B10			24	900	98	250	150	200	SEE NOTE	
SIDE & END WALLS	25	B10			72	525	21	200	165		U BARS	
SPARE	26											
WHERE NEEDED	27	B20			20	2200	00	2200	EXTRA TRIMMING BARS			
CHAMFER BARS	28	B16	2	106	212	1475	24	400	665	400	470	
ALL BENDING DIMENSIONS ARE IN ACCORDANCE WITH B.S.8666												
* SPECIFIED TO THE NEAREST 5mm						+ SPECIFIED TO THE NEAREST 25mm						



A diagram of a Z-section with dimensions A, B, and C. Dimension A is the total width, B is the flange thickness, and C is the web thickness.

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

**DIMENSIONS IN mm UNLESS OTHERWISE STATED**

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DO NOT SCALE

ORIGINAL SCALE

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 04 of 04 Chamfer bars (BM28) shape code amended to 24	E	TOLERANCES TO SPECS BS8666, BS5606, BS EN1992 CN15456.	STANDARD MANHOLE MRX411A,411B,411C BAR SCHEDULE	REFERENCES SPECS: BS8666,BS5606 & BS EN1992 DRGS: CN15456
	CERTIFICATION DESIGNER M DA RIOS CLIENT M DA RIOS		FINISH -			VARIOUS LOCATIONS		
DATE 04/07/94				BT	OMS	21.08.15		
				AMENDMENT	ISSUE	Openreach	ALA944	CN 14936
								SHT 04 OF 04