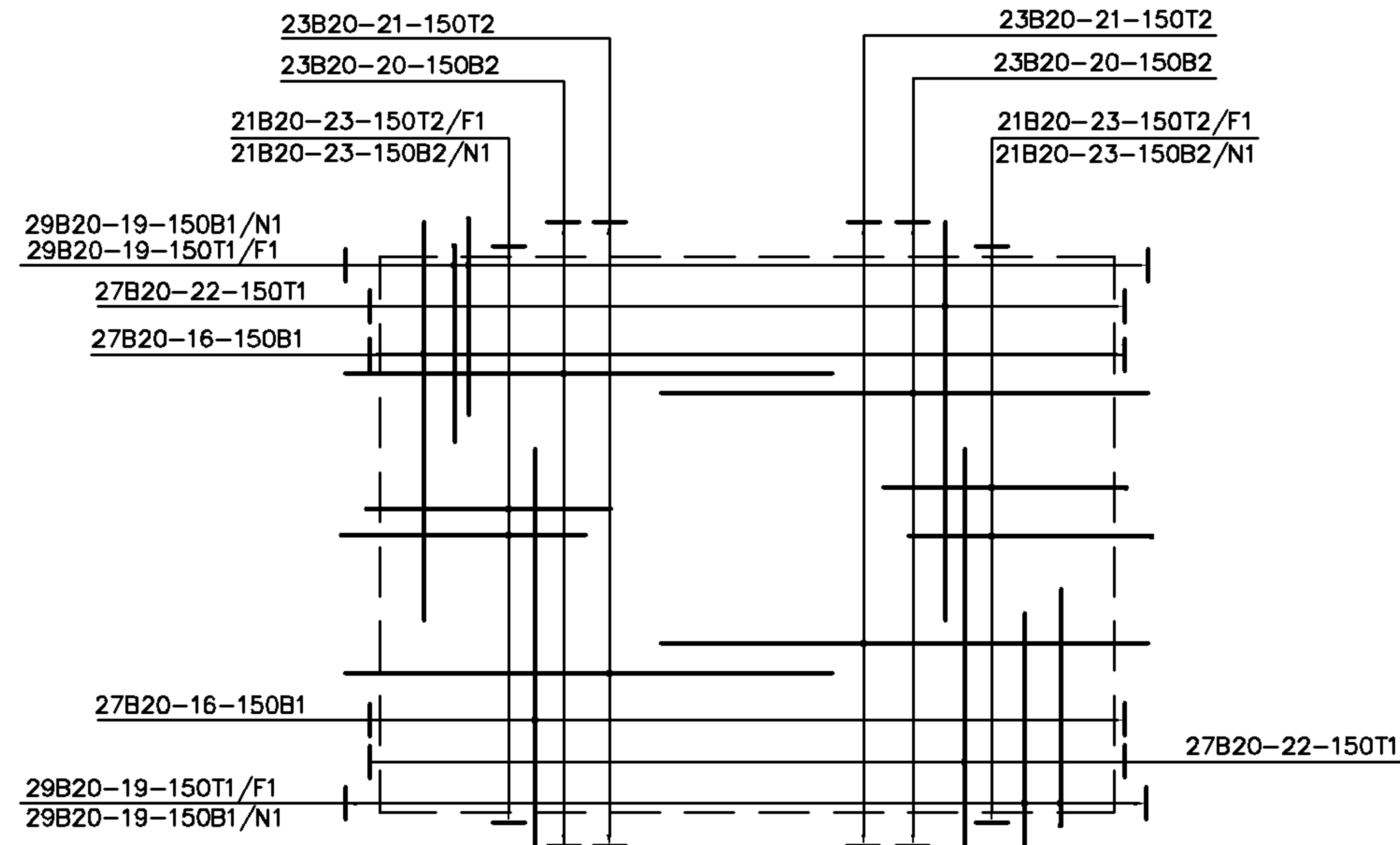


FLOOR



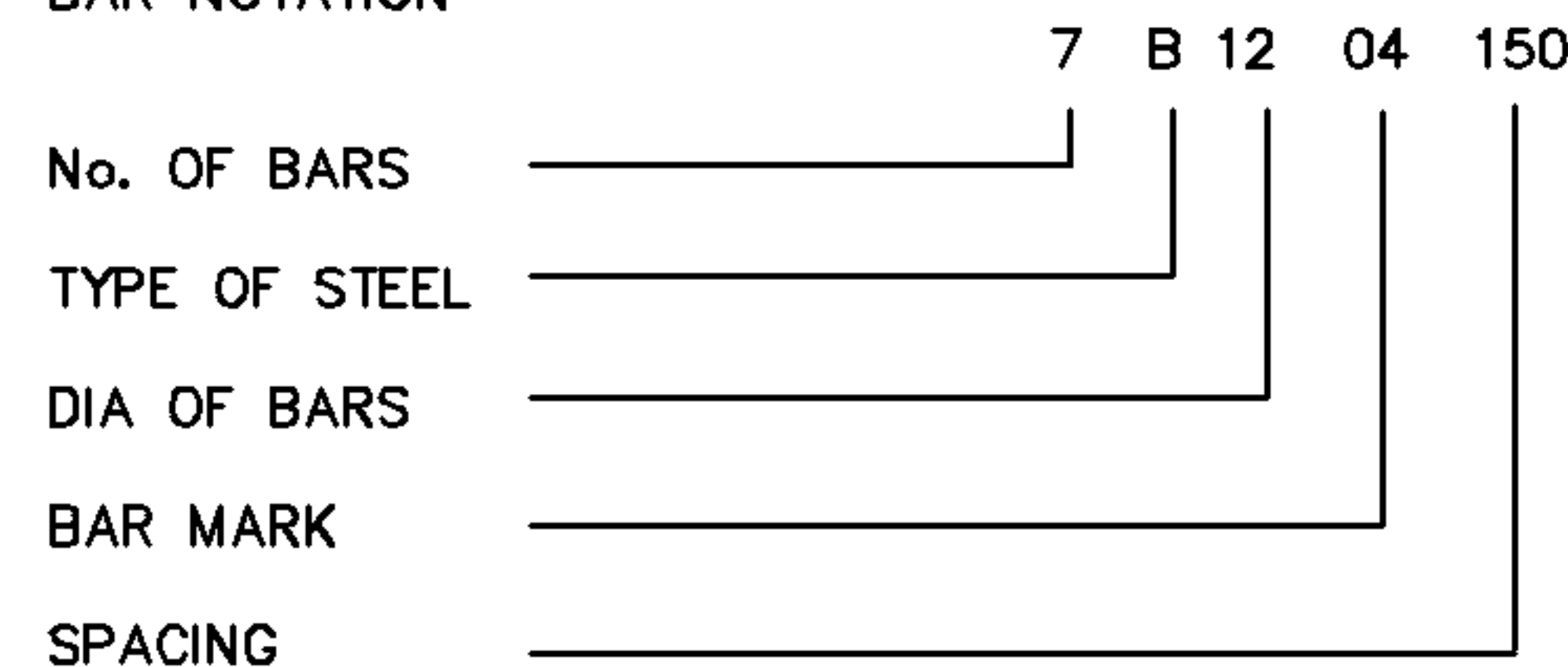
ROOF

Chamfer Bar (28) omitted for clarity
Refer to sheet 3&4 of 5 for bar spacing

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, DOCUMENTATION AND SPECIFICATIONS RELATING TO THIS MANHOLE STRUCTURE TYPE CONSTRUCTION
- REINFORCEMENT TO BE GRADE B500B OR B500C CONFORMING TO BS4449: 2005 (REFER CLAUSE 1712 SHW).
- BAR SCHEDULE AND BENDING TO CONFORM TO BS8666.
- MINIMUM COVER 55mm TO ANY CONCRETE FACE PROPRIETARY APPROVED SPACERS TO BE UTILISED.
- BARS INTERSECTING HOLES TO BE CUT ON SITE AND TRIMMED TO CN13916
- ADDITIONAL BARS MAY BE UTILISED TO TIE / SUPPORT MAIN BARS AS REQUIRED.
- MAX BAR SPACING TO BE 150mm c/c.

BAR NOTATION



BAR LOCATION

- FAR FACE OUTER LAYER - F1
- FAR FACE SECOND LAYER - F2
- NEAR FACE OUTER LAYER - N1
- NEAR FACE SECOND LAYER - N2
- BOTTOM FACE OUTER LAYER - B1
- BOTTOM FACE SECOND LAYER - B2
- TOP FACE OUTER LAYER - T1
- TOP FACE SECOND LAYER - T2

DIMENSIONS IN mm UNLESS OTHERWISE STATED

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DO NOT SCALE

ORIGINAL SCALE 1:20

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		E		STANDARD MANHOLE 412A,412B,412C FLOOR & ROOF REINFORCEMENT		REFERENCES SPEC: BS4449,BS8666, BS5606,BS EN1992,EN550. DRGS: CN1059,CN1153,CN1161, CN1162,CN1166,CN1961.
	CERTIFICATION DESIGNER M DA RIOS CLIENT M DA RIOS		FINISH -	BT	OMS	21.08.15				
DATE 04/07/94				AMENDMENT		ISSUE	Openreach	ALA944	CN 14937	SHT 02 OF 05