



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

7 B 12 04 150

No. OF BARS

TYPE OF STEEL

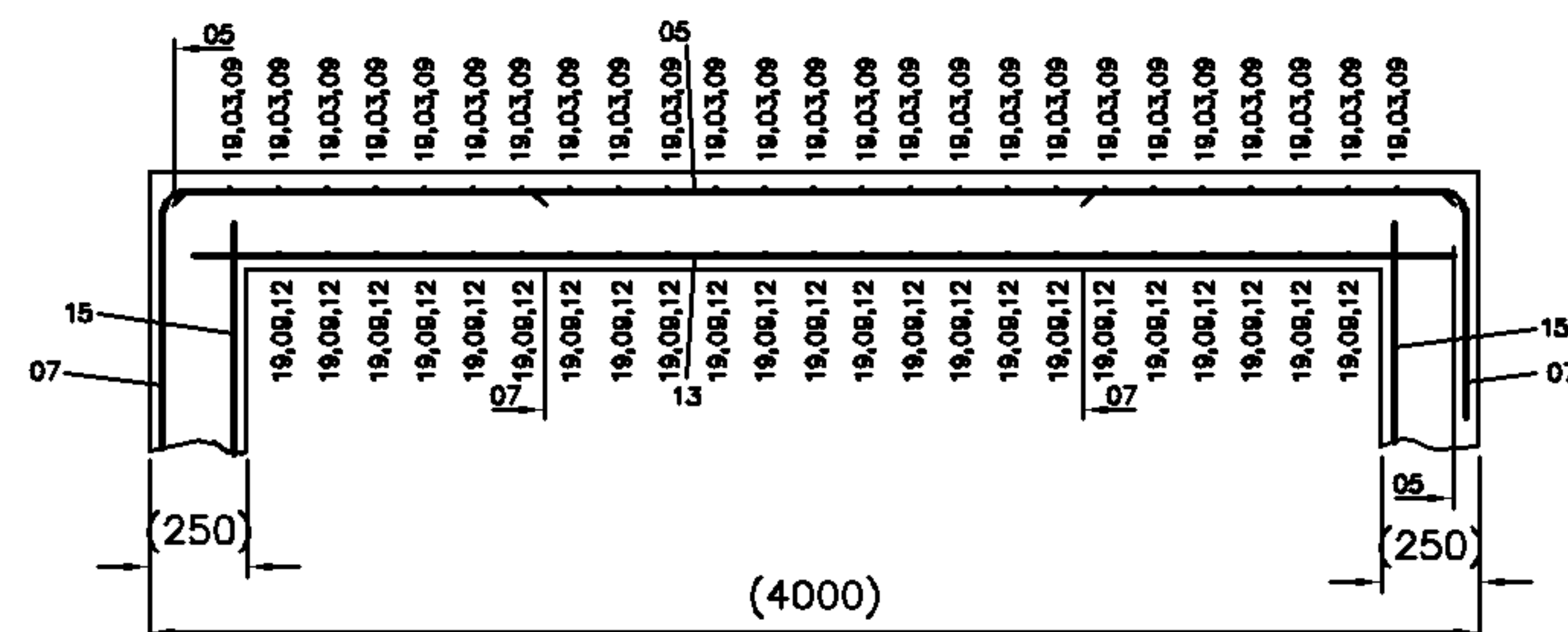
DIA OF BARS

BAR MARK

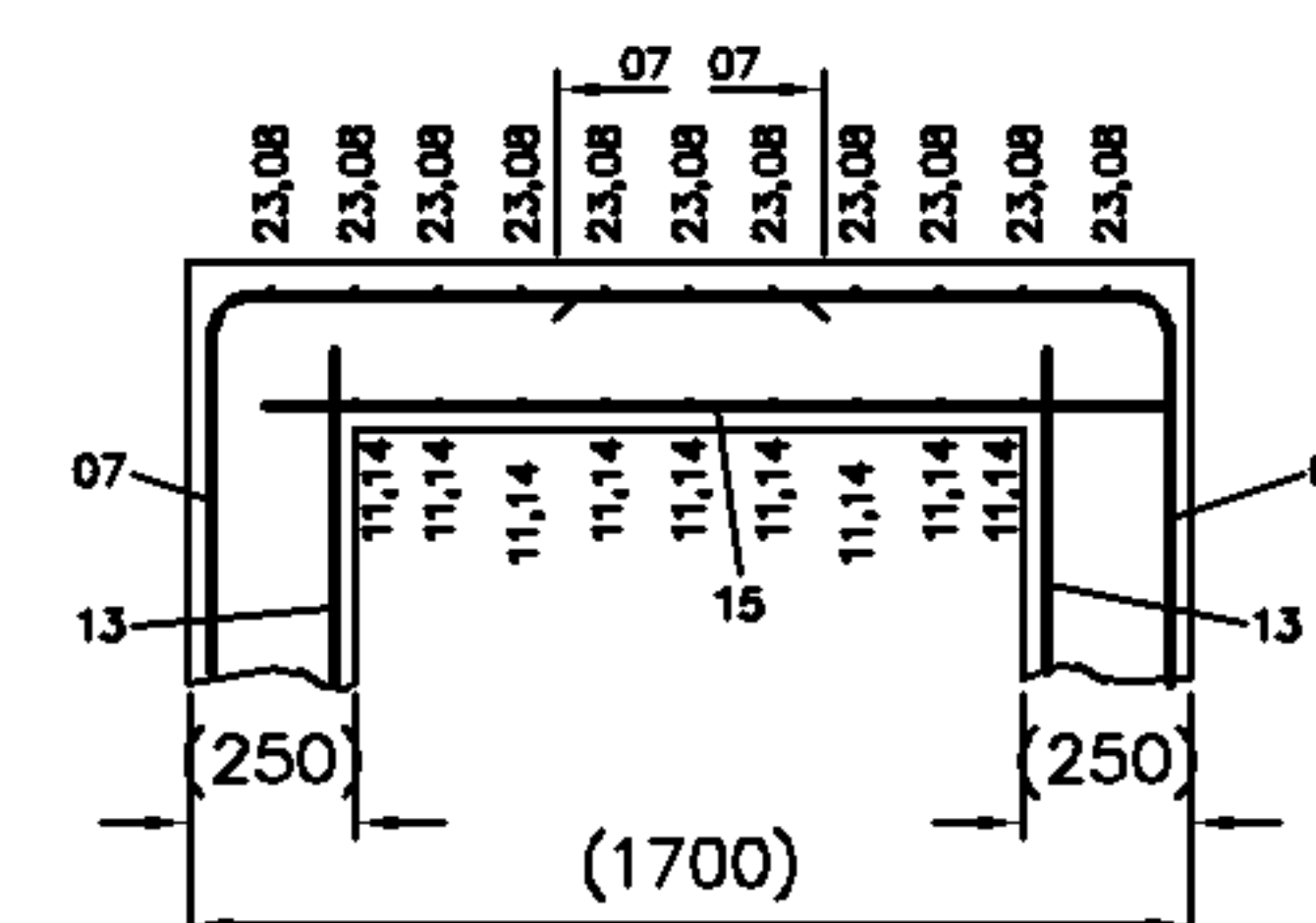
SPACING

BAR LOCATION

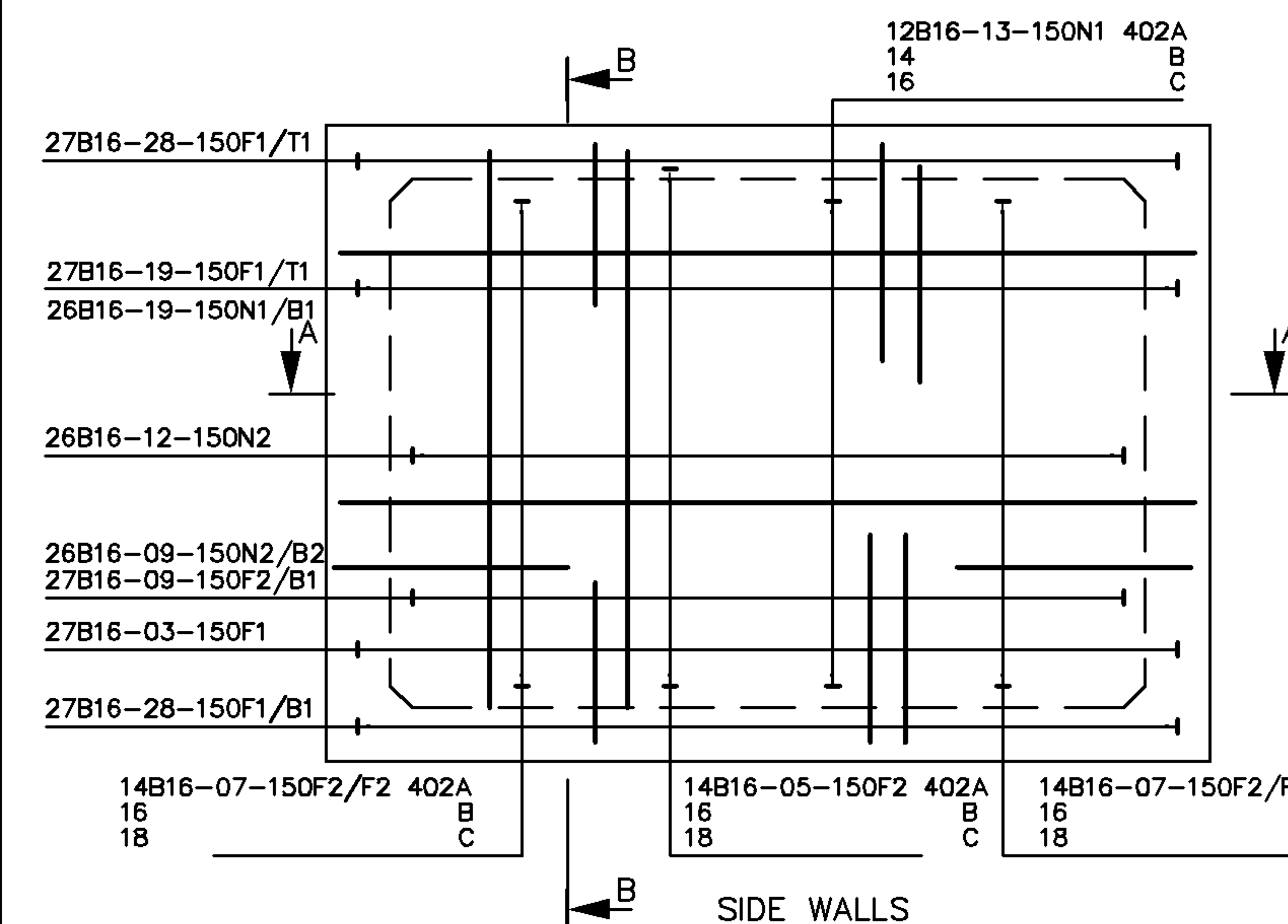
FAR FACE OUTER LAYER - F1
 FAR FACE SECOND LAYER - F2
 NEAR FACE OUTER LAYER - N1
 NEAR FACE SECOND LAYER - N2
 BOTTOM FACE OUTER LAYER - B1
 BOTTOM FACE SECOND LAYER - B2
 TOP FACE OUTER LAYER - T1
 TOP FACE SECOND LAYER - T2



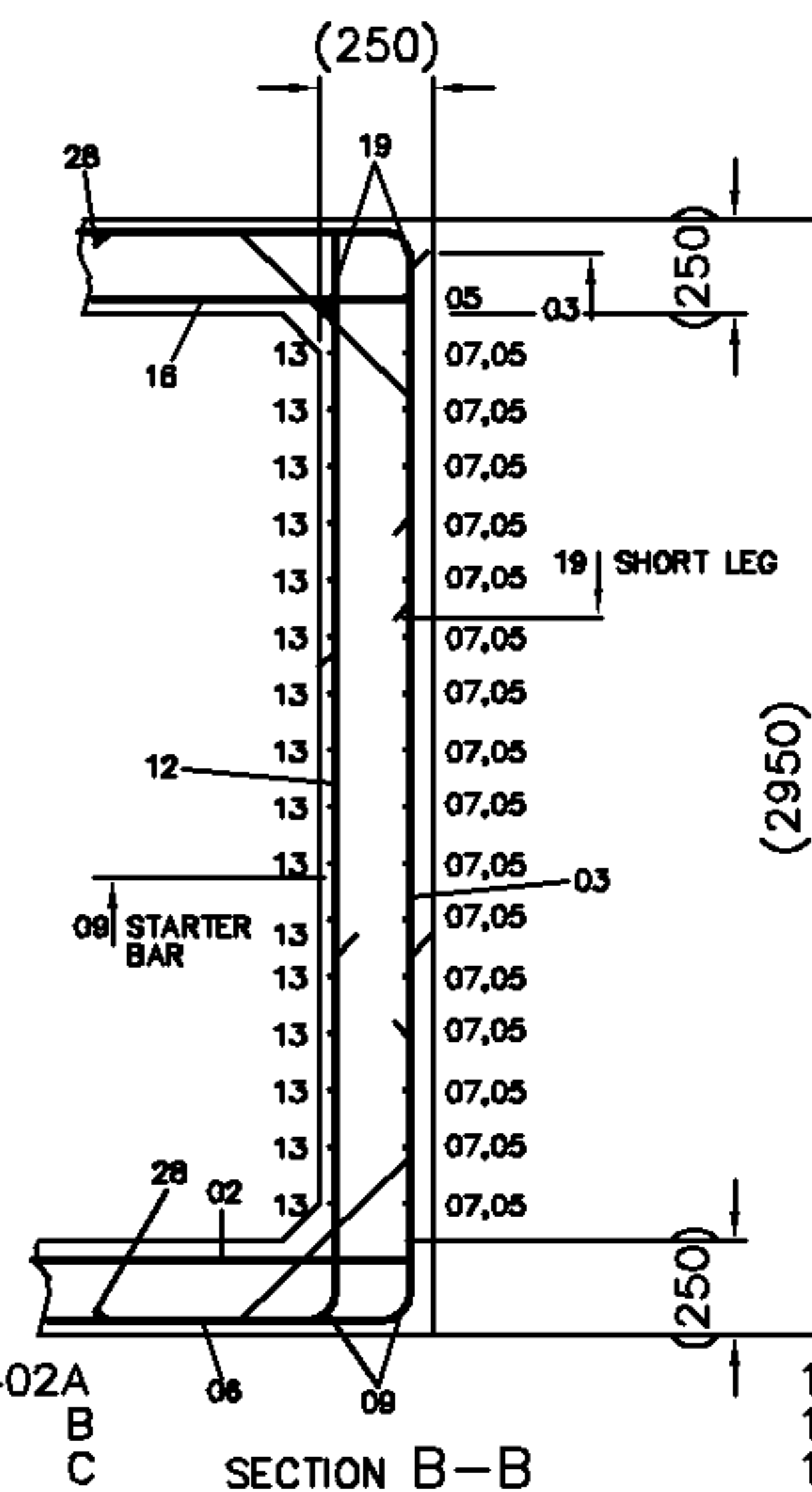
SECTION A-A



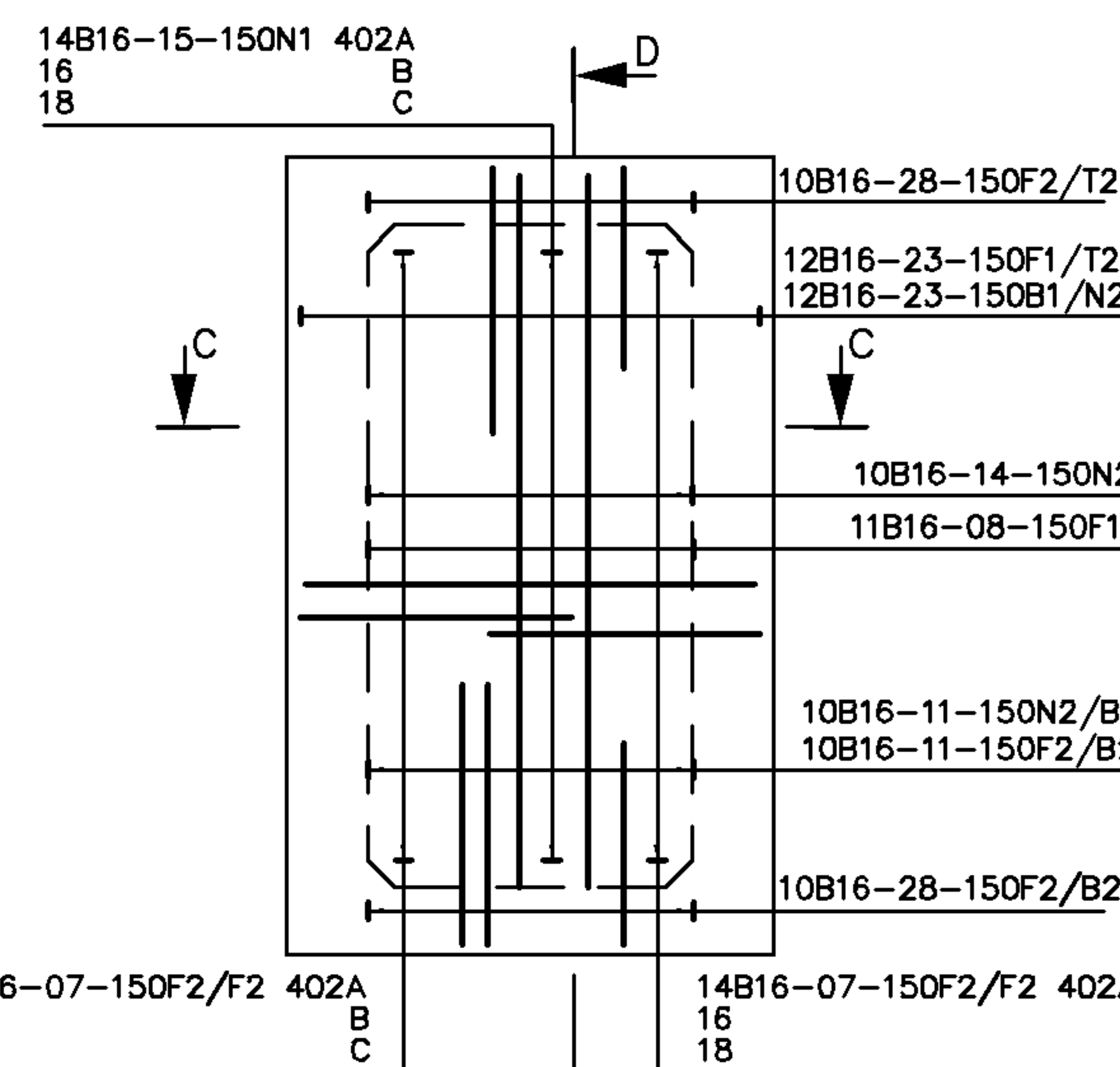
SECTION C-C



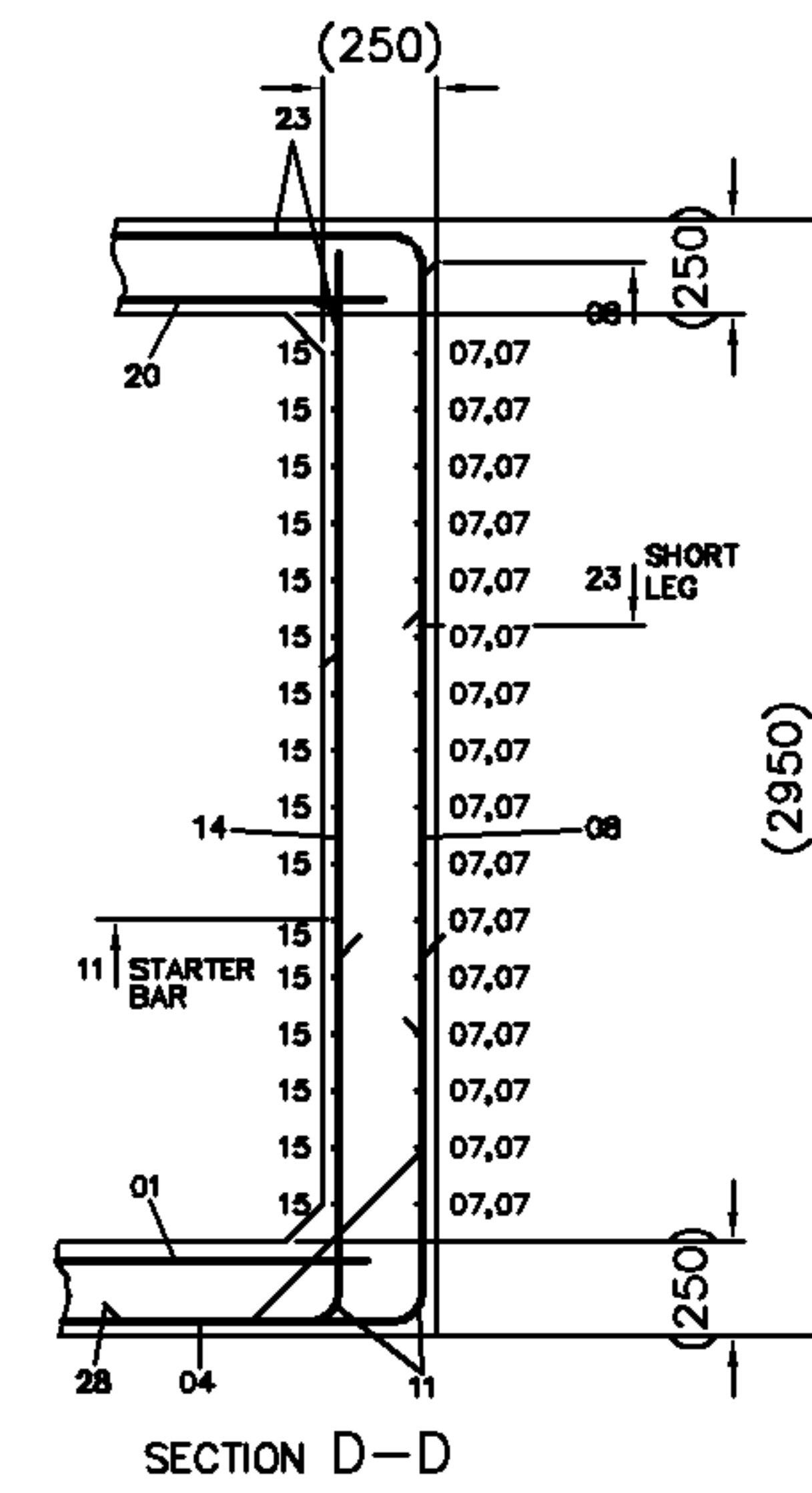
SIDE WALLS



SECTION B-B



END WALLS



SECTION D-D

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. CERTIFICATION DESIGNER M DA RIOS CLIENT M DA RIOS	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 03 of 04 300mm dimensional errors omitted	E	TOLERANCES TO SPECS BS8666, BS5606, BS EN1992 CN15456.	STANDARD MANHOLE MRX 402A,402B,402C WALLS REINFORCEMENT	REFERENCES SPECS: BS8666, BS5606 & BS8110. DRG: CN15456.
	DATE 04/07/99		FINISH -	BT OMS 20.08.15		VARIOUS LOCATIONS		
AMENDMENT				ISSUE	Openreach	ALA944	CN 14932	SHT 03 OF 04