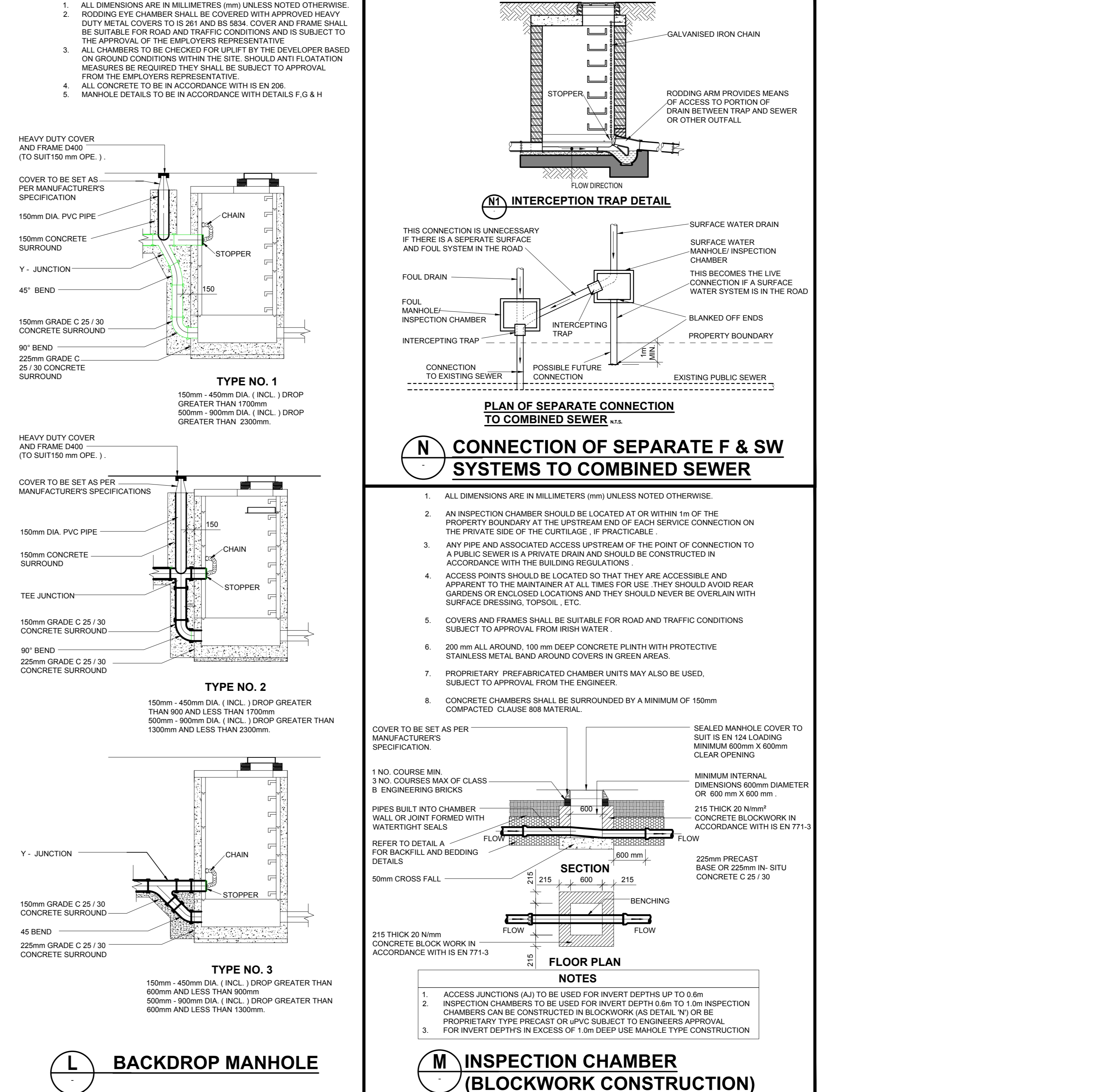
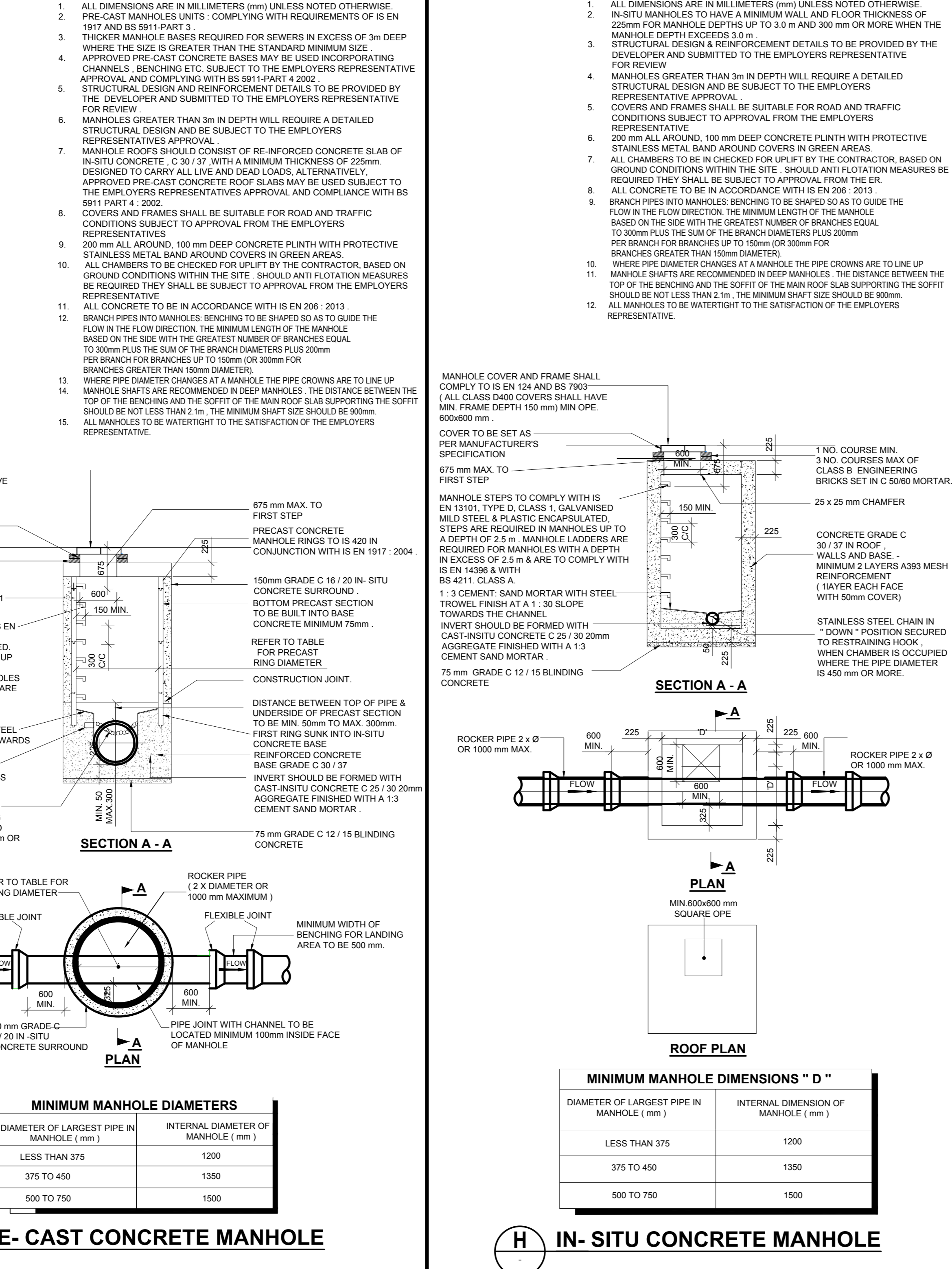
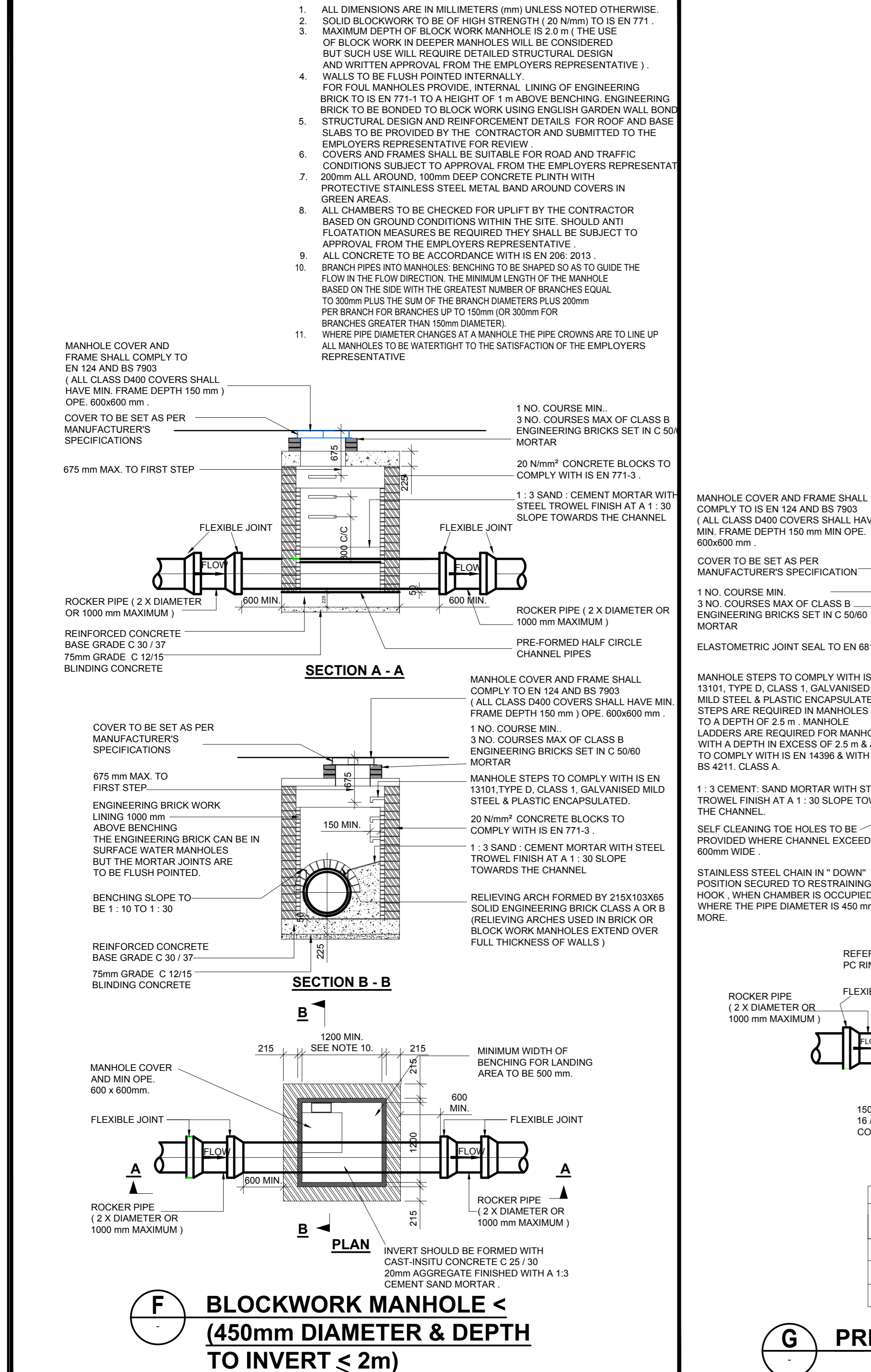


**NOTES**

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT ROUNDED TO BE USED) WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.
- WASTE DRAINAGE DETAILS TO BE IN ACCORDANCE WITH IRISH WATER REQUIREMENTS UNLESS NOTED OTHERWISE. REFER TO IRISH WATER DETAILS FOR ADDITIONAL INFORMATION.
- REFER TO THE STRUCTURAL WATERMAIN DETAILS DRAWING FOR A TYPICAL SERVICE LAYOUT UNDER A FOOTPATH.
- CONNECTION OF BRANCHES TO THE MAIN LINE ARE TO BE BY MEANS OF 45° BRANCH CONNECTIONS. SADDLE CONNECTIONS ARE ONLY PERMITTED FOR CONNECTING GULLY TO BRANCHES/MANLINES.
- INTERNAL GROUND FLOOR FLOOR CONNECTIONS TO DRAIN SEPARATELY FROM THE UPPER STOREYS.
- ALL BURIED PIPES UNDER GROUND FLOOR SLABS TO BE ENCASED IN CONCRETE.
- ALL GULLY GRATING AND LEDS TO BE MIN. D400 RATING.



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DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIMENSION OF MANHOLE (mm)
LESS THAN 375	1200
375 TO 450	1300
450 TO 750	1500

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