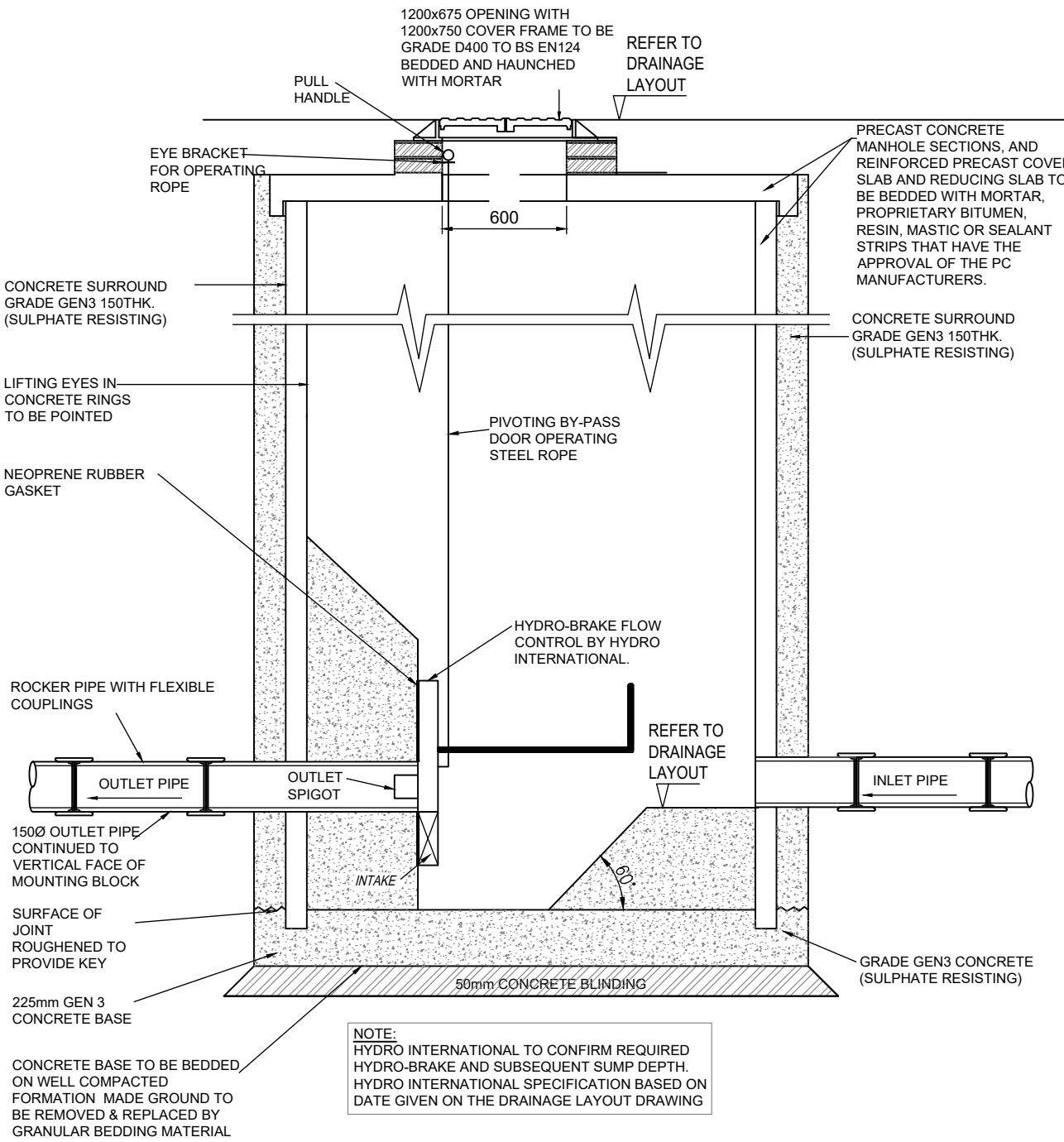




FLOW CONTROL MANHOLE DETAIL

CONTROL MANHOLE NOTES

ALL DIMENSION ARE IN MILLIMETERS

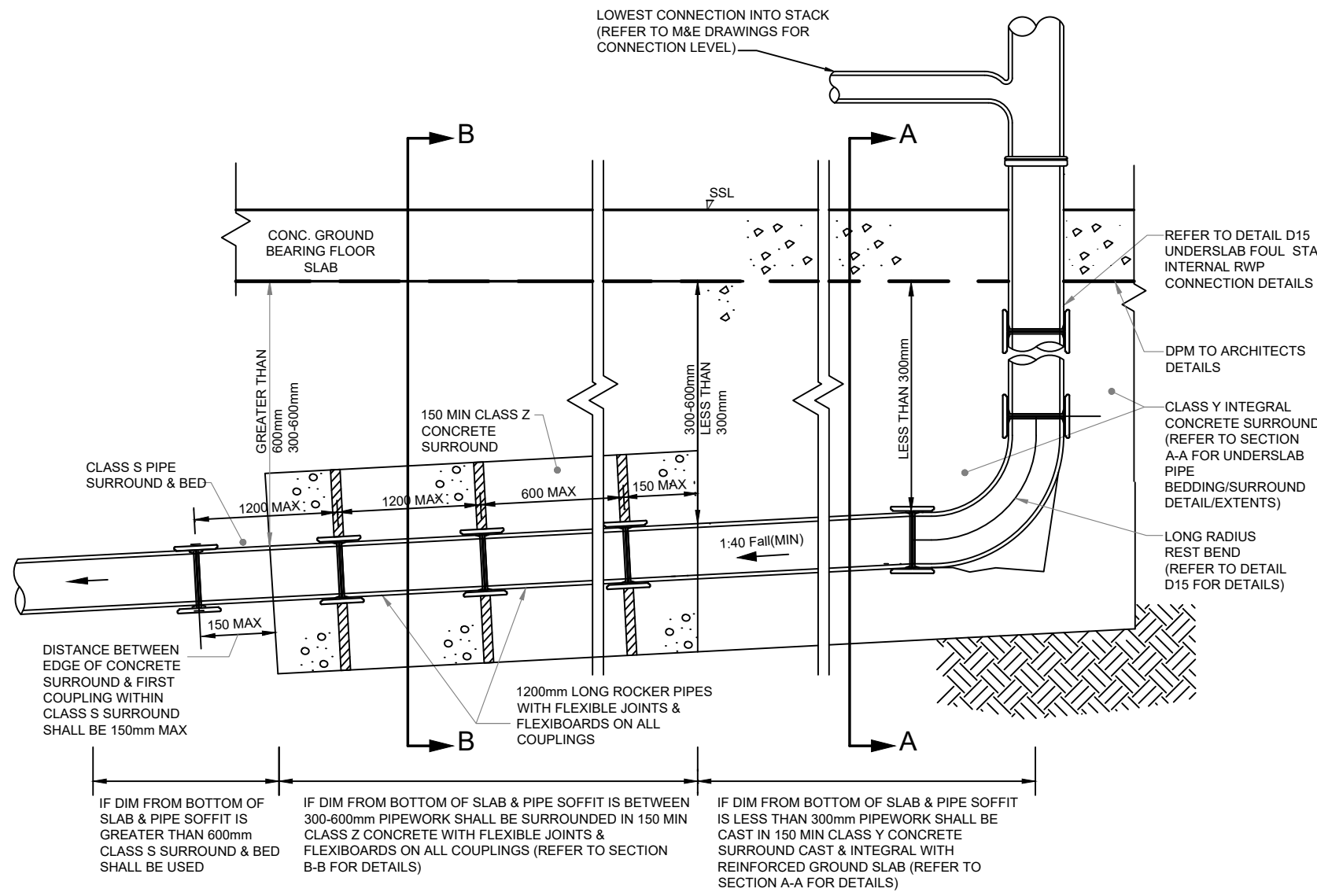
PRECAST CONCRETE UNITS TO BE BS5911 PART 200 AND TO BE CONSTRUCTED WITH A MINIMUM CLASS 3 SULPHATE RESISTING CEMENT.

ALL INSITU CONCRETE TO BE CLASS 8 ENGINEERING - 2 COURSES MIN-4 COURSES MAX; 225mm THICK - BS5628 PART 3.

20mm THICK GRANULITHIC CONCRETE BENCHING TO BE BROUGHT UP TO A DENSE SMOOTH FACE NEATLY SHAPED AND FINISHED TO ALL BRANCH CONNECTIONS WHERE BENCHING IS LESS THAN 450mm WIDE. SLOPE TO BE 1:10, MORE THAN 450mm, 1:30

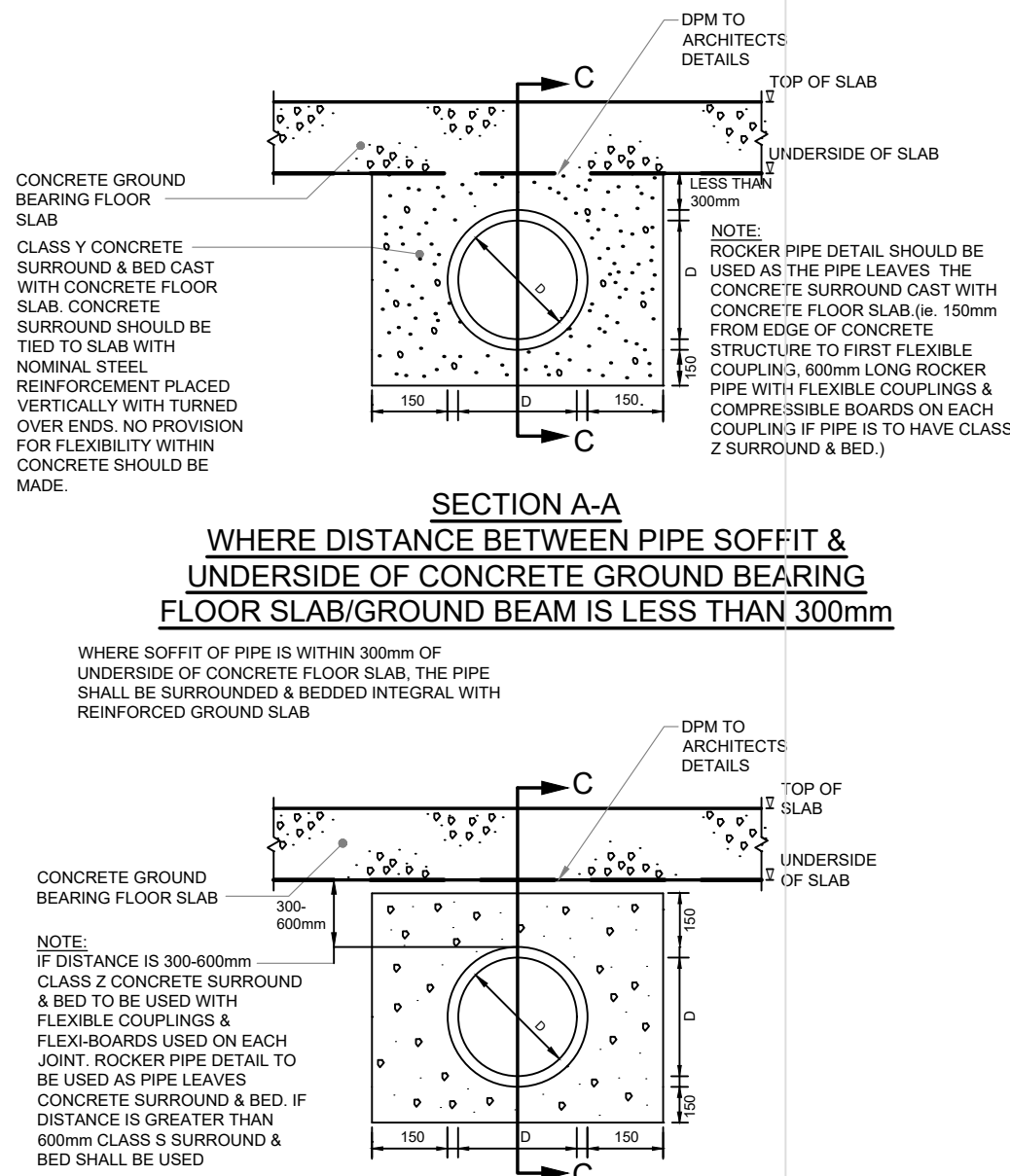
PIPES ENTERING MANHOLES TO HAVE A FLEXIBLE JOINT AS CLOSE AS FEASIBLE TO OUTSIDE FACE OF ANY STRUCTURE INTO WHICH THE PIPE IS BUILT IN ORDER TO FACILITATE MOVEMENT OF THE JOINT.

THE LENGTH OF THE NEXT PIPE (ROCKER PIPELINES, BEDDING, LAYING AND JOINTING OF PIPES AND BACKFILLING OF TRENCHES SHALL BE IN ACCORDANCE WITH THE W & A SPEC SEWERS FOR ADOPTION - 6TH EDITION TOGETHER WITH ANY LOCAL AUTHORITY REQUIREMENTS.

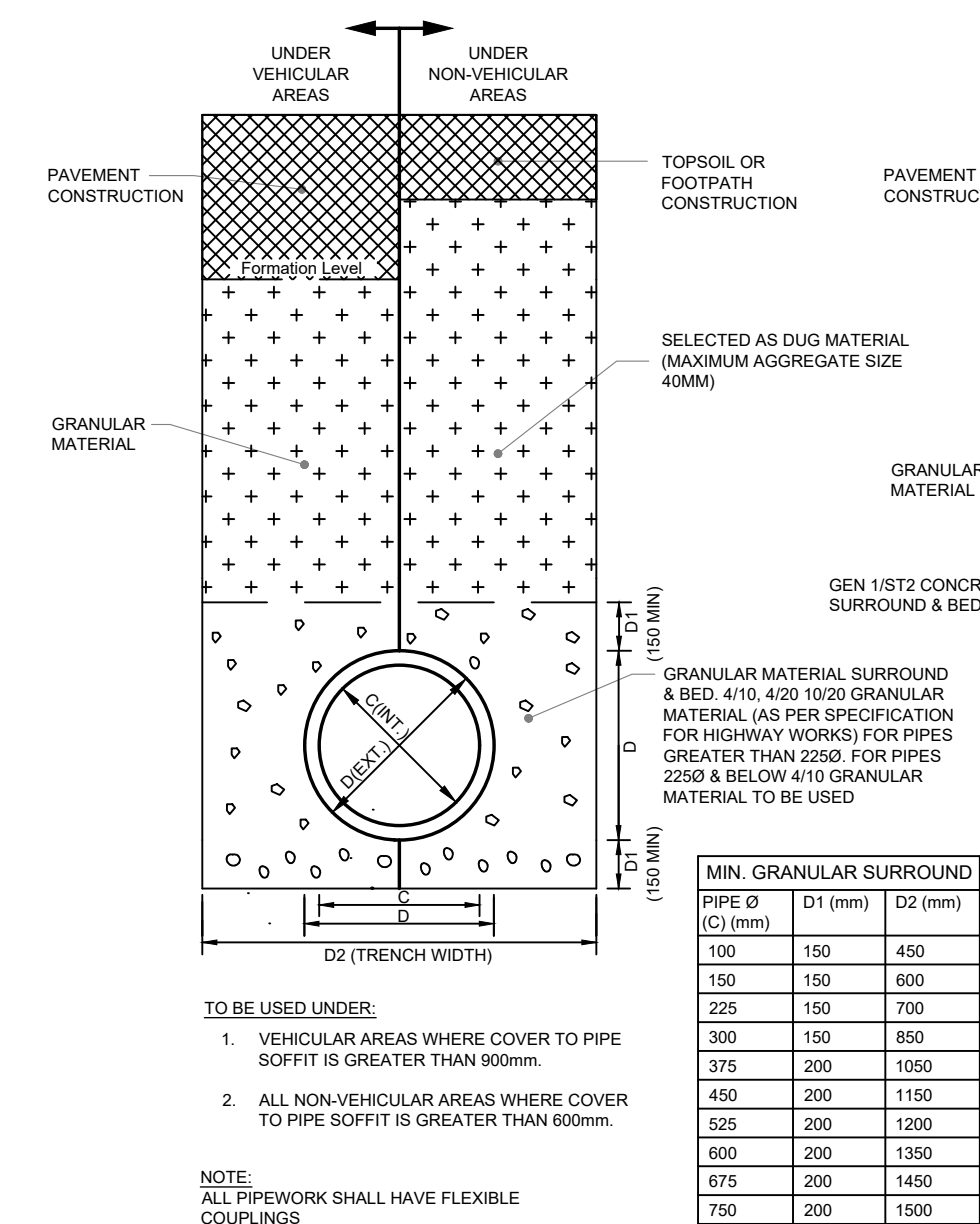


SECTION C-C

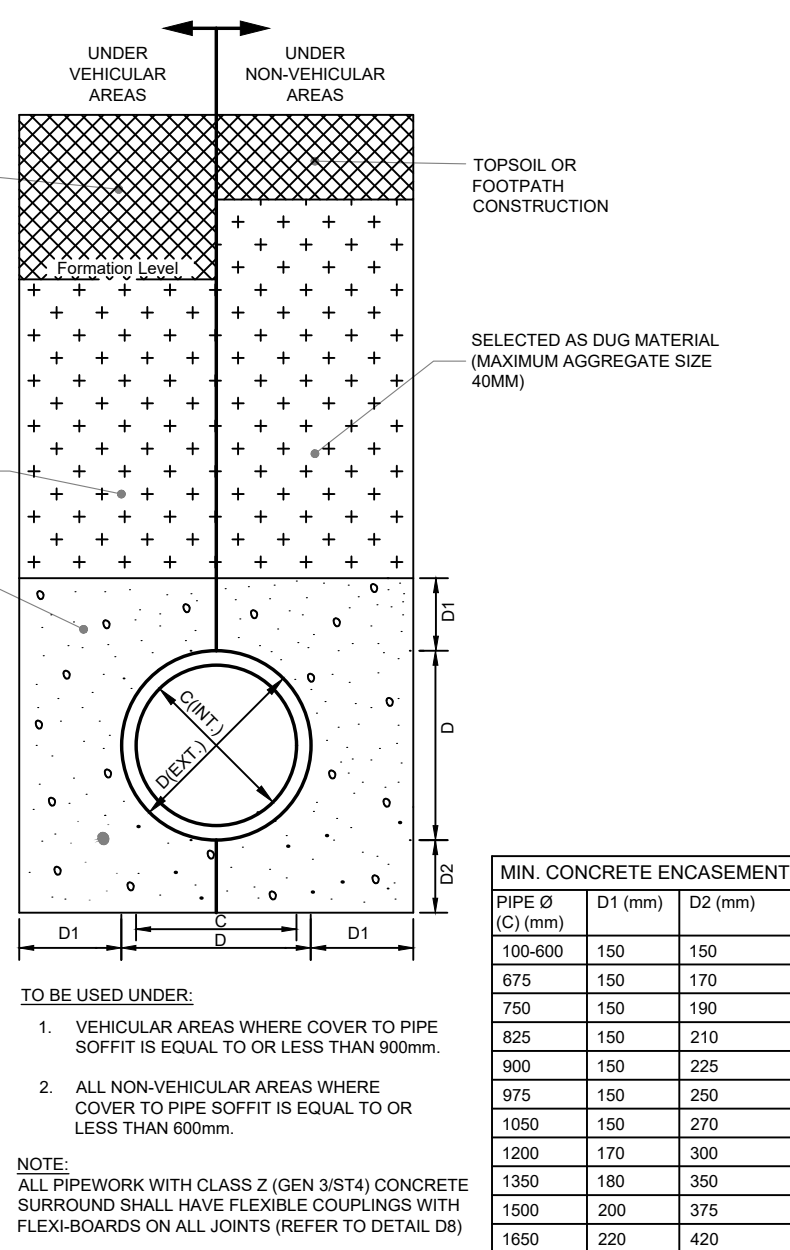
TYPICAL UNDERSLAB PIPE BEDDING DETAILS FOR PIPEWORK UNDER GROUND BEARING SLAB (FOR ALL UNDER SLAB PIPE DEPTHS)



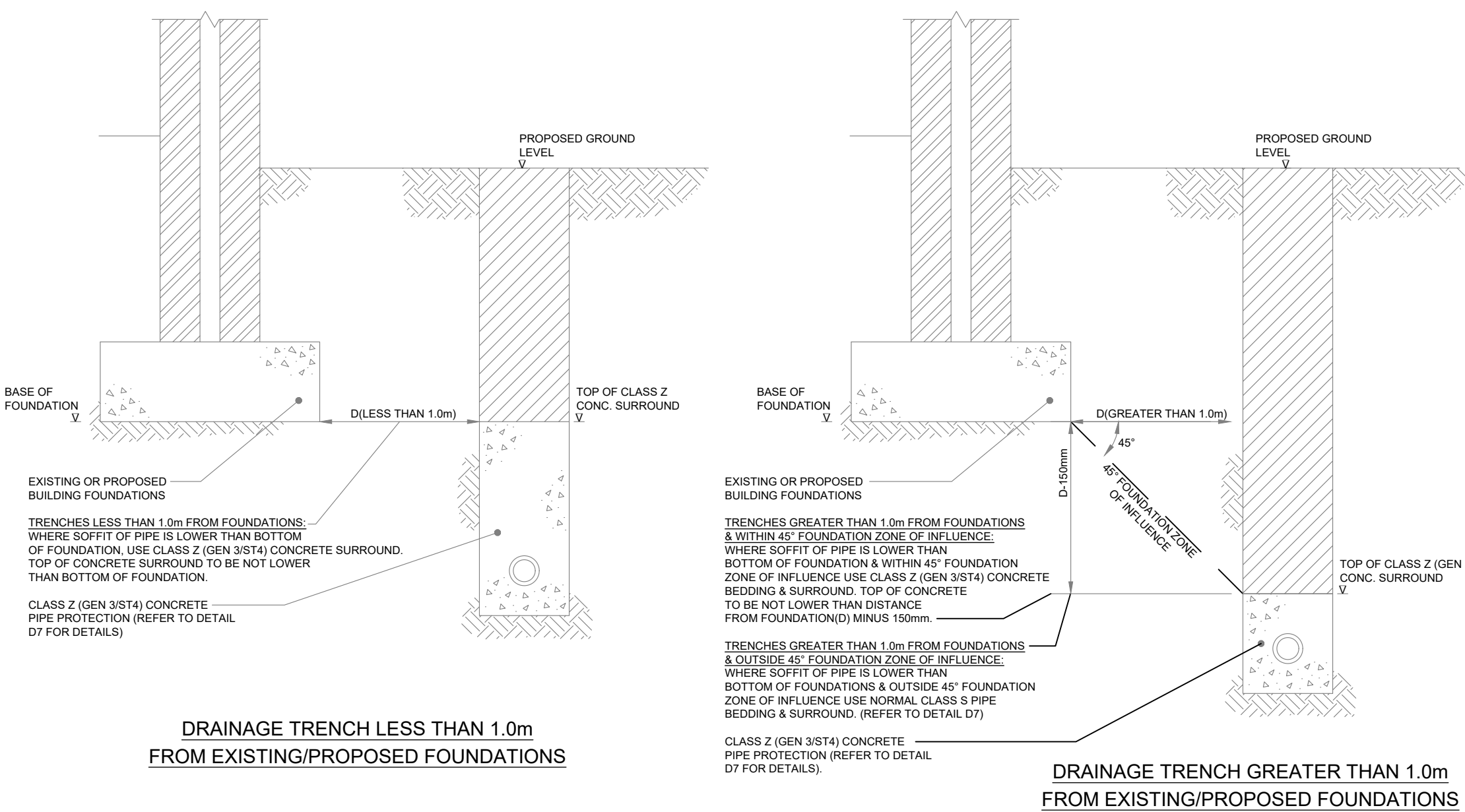
SECTION B-B WHERE DISTANCE BETWEEN PIPE SOFFIT & UNDERSIDE OF CONCRETE GROUND BEARING FLOOR SLAB/GROUND BEAM IS GREATER THAN 300mm



CLASS S PIPE BEDDING & SURROUND (TO BE USED FOR PLASTIC, VITRIFIED CLAY & CONCRETE PIPEWORK)



CLASS Z PIPE BEDDING & SURROUND (TO BE USED FOR PLASTIC, VITRIFIED CLAY & CONCRETE PIPEWORK)



PIPE PROTECTION ADJACENT TO EXISTING/PROPOSED FOUNDATIONS

P1	Preliminary Issue	MDS	05.05.23
rev	amendments	by	date
<div><div><div><div><div><div></div><div>ccs</div></div></div><div><div><div>consulting</div><div>MANCHESTER • LONDON • LEEDS</div></div></div></div></div></div>			
Client:		Watson Construction Ltd	
Project:		Levenshulme Road, Gorton	
Title:		Below Ground Drainage Details Sheet 2 of 3	
Drawing Status:	Date Created:	Drawing Scale:	
Preliminary	May '23	N.T.S	
23-2405/ A1 / 205		P1	
Project Leader:	Drawn By:	Initial Review:	
LS	MS	LS	

Preliminary Issue - For Discussion Purposes Only