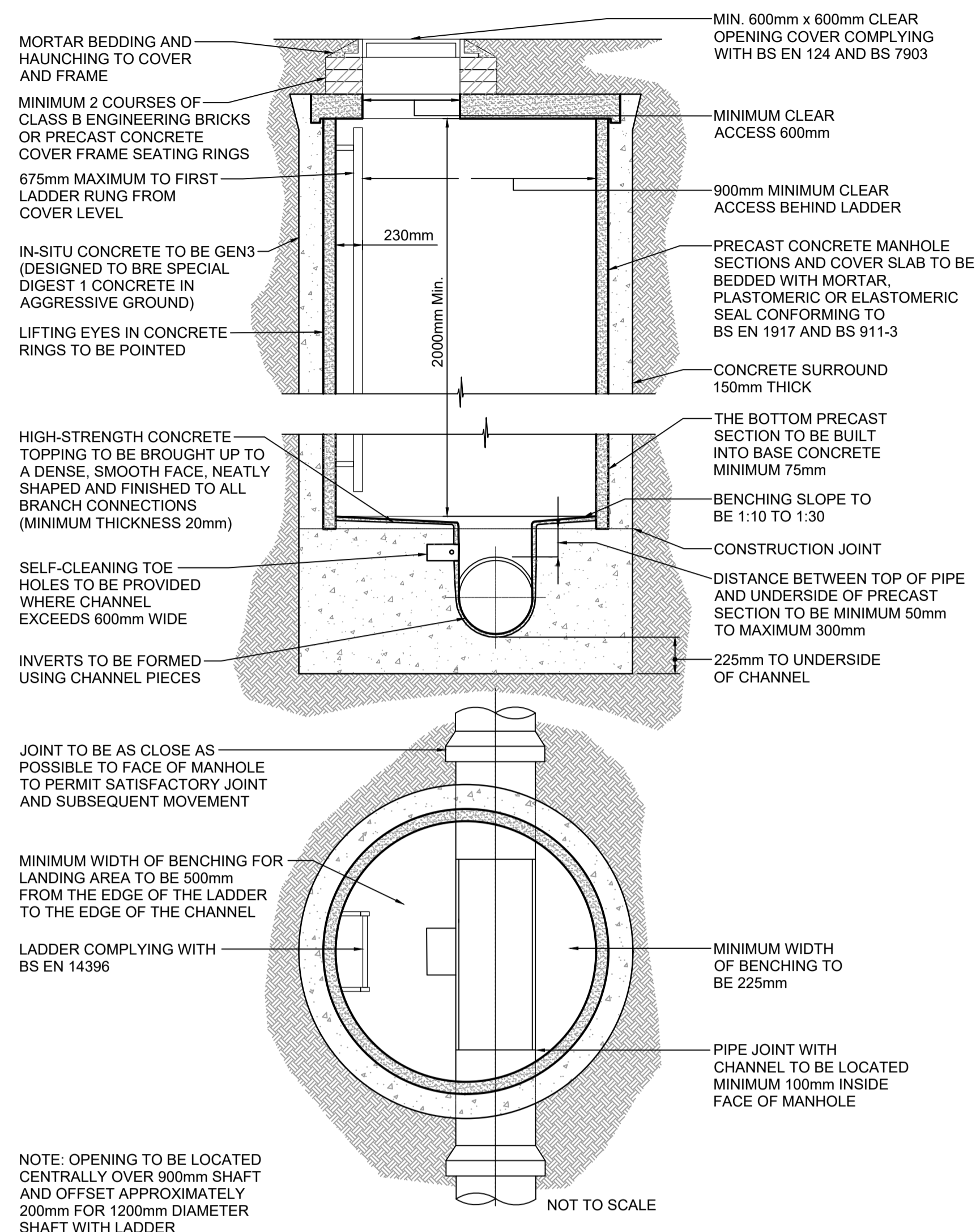


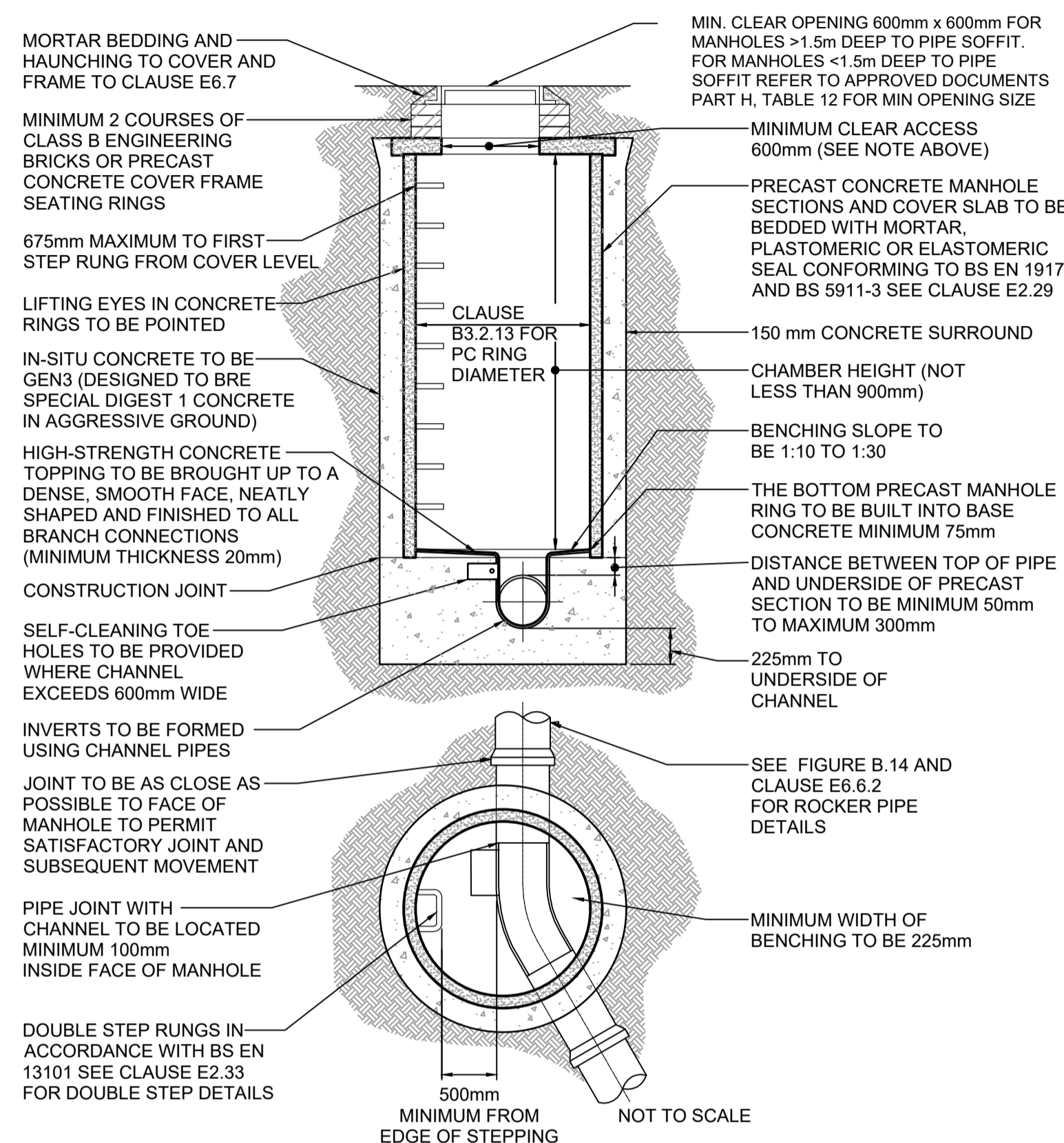
Based on:		Rev X
Architects Dwg No.:	X	Rev X
Structural Dwg No.:	X	Rev X
Survey Dwg No.:	X	Rev X
Other Dwg No.:	X	Rev X
Other Dwg No.:	X	Rev X

NOTES:

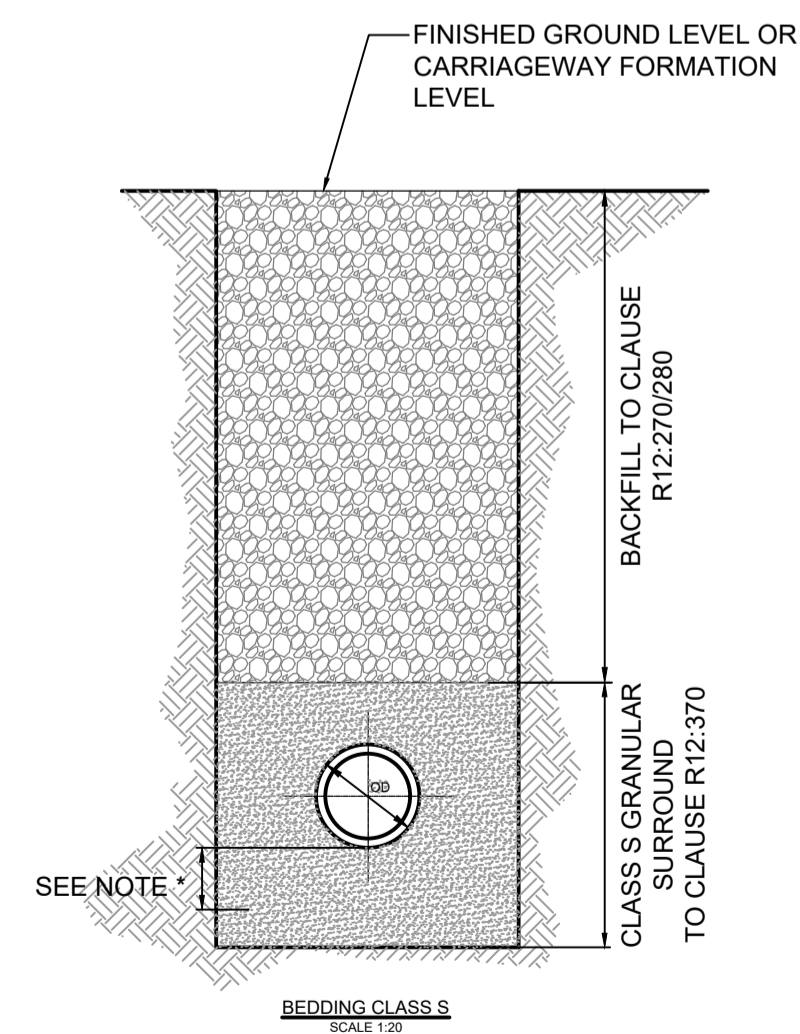
- TO BE READ IN CONJUNCTION WILL ALL RELEVANT CUNDALL DRAWINGS



TYPICAL MANHOLE DETAIL - TYPE 1B
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3m TO 6m



TYPICAL MANHOLE DETAIL - TYPE 2
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3.0m



NOTE *
150mm OR 1/4 OF THE O.D. (OUTSIDE DIAMETER) WHICH EVER IS GREATER. FOR CONCRETE PIPEWORK 200mm OR 1/4 OF O.D. WHICH EVER IS GREATER.

R12:270 BACKFILLING TO PIPELINES GENERALLY:
UNLESS SPECIFIED OTHERWISE, BACKFILL FROM TOP OF SPECIFIED SURROUND OR PROTECTIVE CUSHION WITH MATERIAL EXCAVATED FROM THE TRENCH, COMPACTED IN LAYERS NOT EXCEEDING 300mm THICK. DO NOT USE HEAVY COMPACTORS BEFORE THERE IS 600mm OF MATERIAL OVER PIPES.

R12:280 BACKFILLING UNDER ROADS, PAVINGS & BUILDING FOOTPRINT:
BACKFILL FROM TOP OF SPECIFIED SURROUND OR PROTECTIVE CUSHION UP TO FORMATION LEVEL WITH GRANULAR SUB BASE MATERIAL TYPE 1 TO DOT SPECIFICATION FOR HIGHWAYS WORKS, CLAUSE 803, LAID AND COMPACTED IN 150mm LAYERS.

R12:370 CLASS S GRANULAR SURROUND
LOWER PART OF TRENCH WIDTH TO BE AS CLAUSE 667 GRANULAR MATERIAL-NATURAL

PIPE SIZES DN 100 & DN 150: SIZE 4/10.

PIPE SIZES DN 225 & DN 300: SIZE 4/10, 10/20 OR 4/20.
PIPE SIZES DN 375-500: SIZE 10/20 OR 4/20.
PIPE SIZES DN 600 AND ABOVE: SIZE 10/20, 20/40, 4/20 OR 4/40.

LAY AND COMPACT TO A THICKNESS NOT LESS THAN 50mm FOR SLEEVE JOINTED PIPES, 100mm FOR SOCKET JOINTED PIPES. OVER FULL WIDTH OF TRENCH, WHERE TRENCH BOTTOM IS UNEVEN DUE TO HARD SPOTS OR OTHER REASON, INCREASE DEPTH BY 100mm. SCOOP OUT LOCALLY AT COUPLINGS/SOCKETS AND LAY PIPES DIGGING SLIGHTLY INTO BED AND RESTING UNIFORMLY ON THEIR BARRELS. ADJUST TO LINE AND GRADIENT.

AFTER INITIAL TESTING, LAY AND COMPACT MORE GRANULAR MATERIAL IN 100MM LAYERS TO 150mm (250mm FOR ADOPTED SEWERS) ABOVE CROWN OF PIPE.

LOWER PART OF TRENCH:
WHERE BEDDING CLASS S IS SPECIFIED TRENCH WIDTH TO BE NOT MORE THAN THE FOLLOWING, REGARDLESS OF DEPTH OF COVER:

Nominal Pipe Size (DN)	100	150	225	300
Max. Trench Width (mm)	600	700	800	900

P1	25/01/21	FIRST ISSUE	LK	MH	BW
Issue	Date	Description	By	Chkd	Verfd

Project
SAMLESBURY ENTERPRISE ZONE

Client
LANCASHIRE COUNTY COUNCIL

Title
TYPICAL MANHOLE AND PIPE BEDDING DETAILS

Drawing Status
FOR APPROVAL

Project No.	Scale
1023121	AS SHOWN

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Drawing No.
SEZ-CDL-SW-XX-DR-C-16011