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S5 - FOR REVIEW
AND ACCEPTANCE

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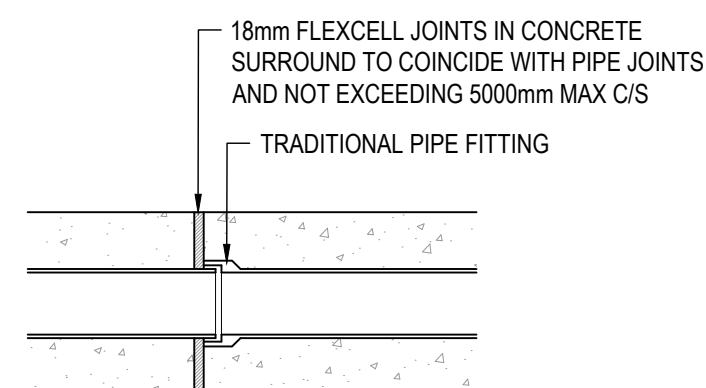
Title

MIXED USE DEVELOPMENT
DRAINAGE STANDARD DETAILS

Project No. 331810328	A1 Scale NTS
Revision P01	Drawing No. 331810328-STN-HDG-ALD-DR-CH-0502



FLOW CONTROL MANHOLE WITH HYDROBRAKE



FLEXIBLE JOINTS IN CLASS "Z"

	GRANULAR MATERIAL TO S.H.W. CLAUSE 503.3(I)
	GEN3 CONCRETE
	CLASS 8 MATERIAL TO S.H.W. CLAUSE 503.3(VI)
	DOT TYPE 1 GRANULAR FILL BACKFILL WELL COMPACTED IN 150mm LAYERS
	MATERIAL EXCAVATED FROM TRENCH COMPACTED IN LAYERS NOT EXCEEDING 300MM THICK. DO NOT USE HEAVY COMPACTORS BEFORE THERE IS 600mm OF MATERIAL OVER PIPES.

Extract from Table A2 WIS 4-08-02

Processed granular bedding and sidefill materials for flexible pipes

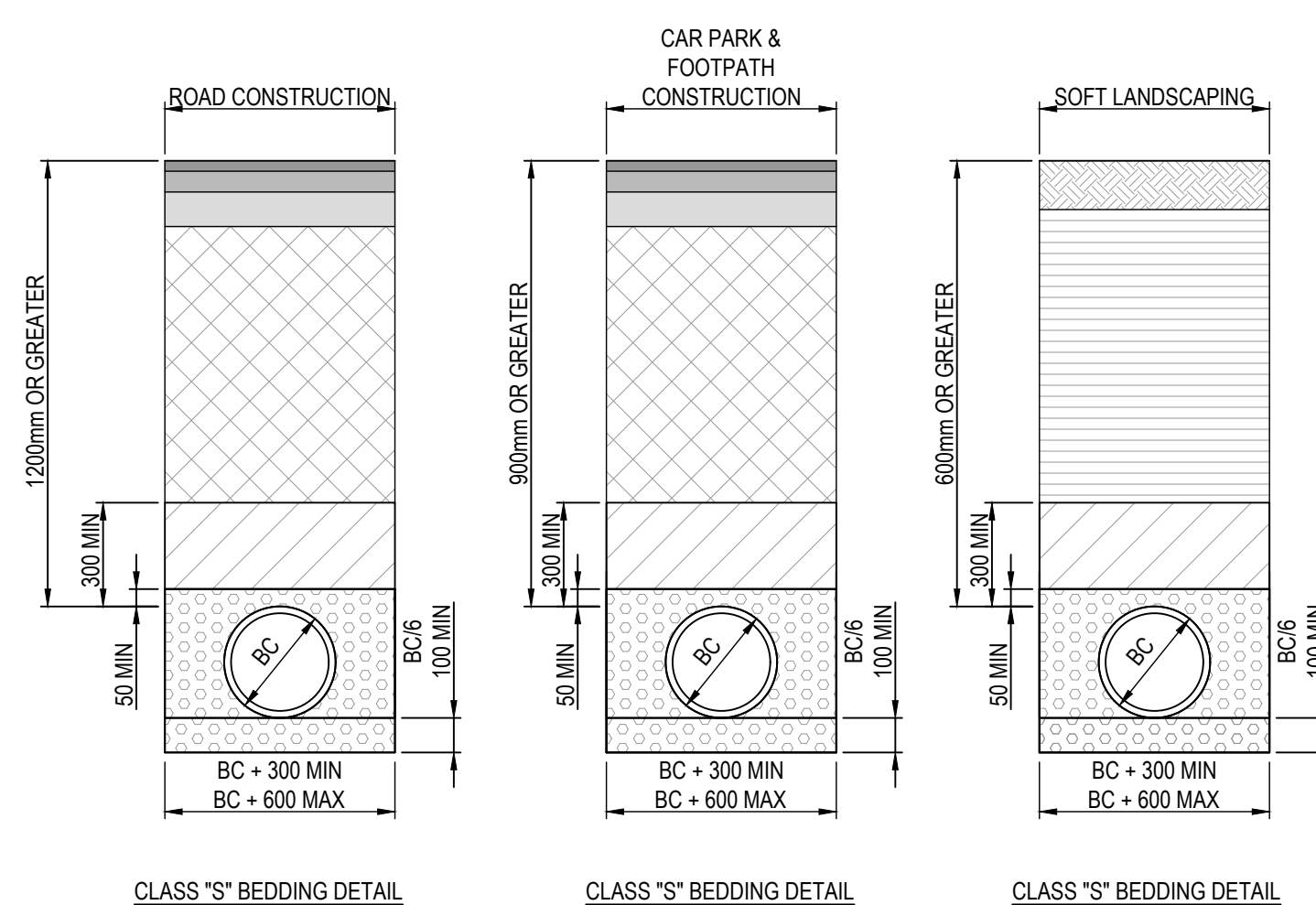
PIPE NOMINAL BORE (mm)	NOMINAL MAXIMUM PARTICLE SIZE (mm)	MATERIALS SPECIFIED IN BRITISH STANDARDS
100	10	10mm nominal single-size
Over 100 to 500	15	10 or 14mm nominal single-size or 14mm to 5mm graded
Over 150 to 300	20	10, 14 or 20mm nominal single-size or 14mm to 5mm graded or 20mm to 5mm graded
Over 300 to 550	20	

	GRANULAR BEDDING AND SIDEFILL
	GEN3 CONCRETE
	DOT TYPE 1 GRANULAR FILL BACKFILL WELL COMPACTED IN 150mm LAYERS
	MATERIAL EXCAVATED FROM TRENCH COMPACTED IN LAYERS NOT EXCEEDING 300mm THICK. DO NOT USE HEAVY COMPACTORS BEFORE THERE IS 600mm OF MATERIAL OVER PILES

Extract from Table A2 WIS 4-08-02

Processed granular bedding and sidefill materials for flexible pipes

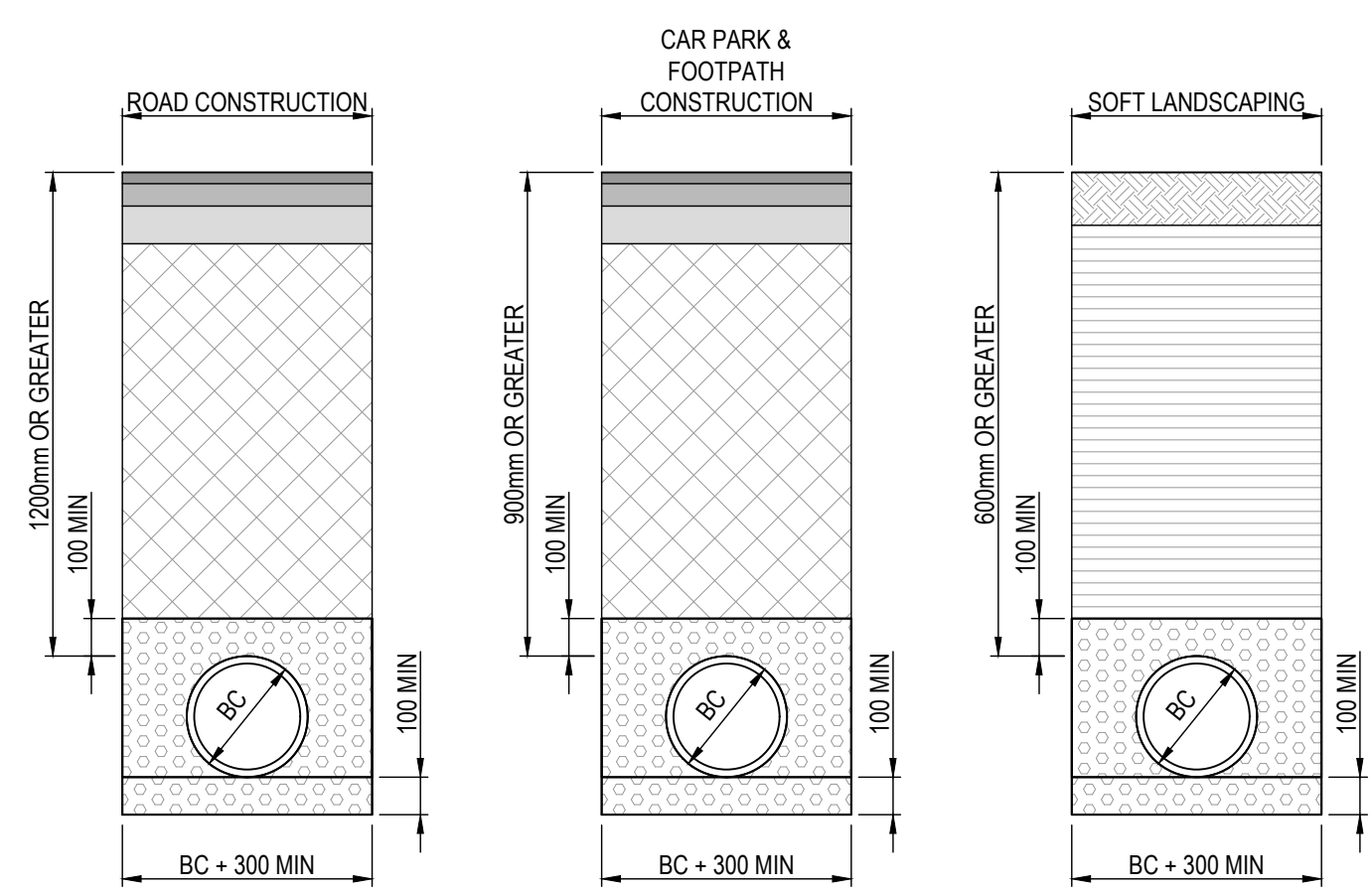
PIPE NOMINAL BORE (mm)	NOMINAL MAXIMUM PARTICLE SIZE (mm)	MATERIALS SPECIFIED IN BRITISH STANDARDS
100	10	10mm nominal single-size
Over 100 to 500	15	10 or 14mm nominal single-size or 14mm to 5mm graded
Over 150 to 300	20	10, 14 or 20mm nominal single-size or 14mm to 5mm graded or 20mm to 5mm graded
Over 300 to 550	20	14 or 20mm nominal single-size or 14mm to 5mm graded or 20mm to 5mm graded
Over 550	40	14, 20 or 40mm nominal single-size or 14mm to 5mm graded or 20mm to 5mm graded or 40mm to 5mm graded



CLASS "S" BEDDING DETAIL

CLASS "S" BEDDING DETAIL

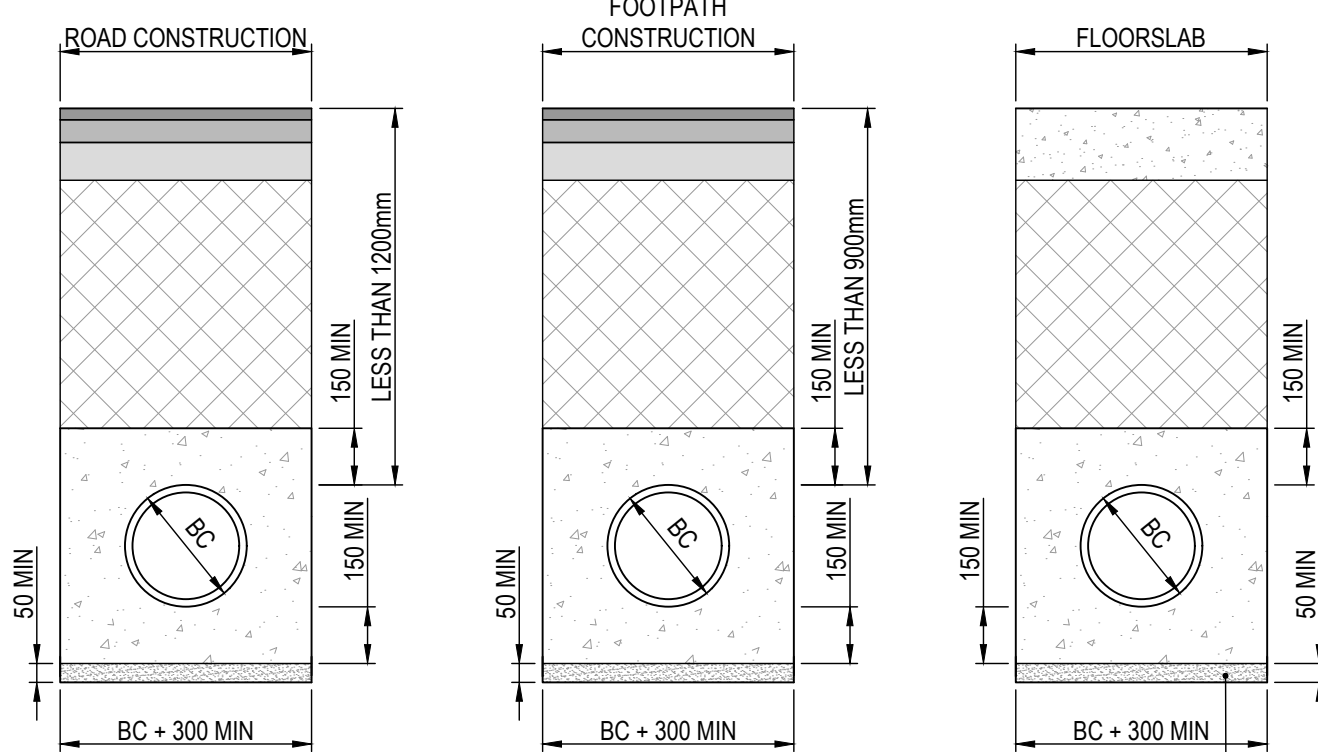
CLASS "S" BEDDING DETAIL



CLASS "P" BEDDING DETAIL

CLASS "P" BEDDING DETAIL

CLASS "P" BEDDING DETAIL



CLASS "Z" BEDDING DETAIL

CLASS "Z" BEDDING DETAIL

CLASS "Z" BEDDING DATA

BC = Overall pipe diameter

— GEN1 BLINDING