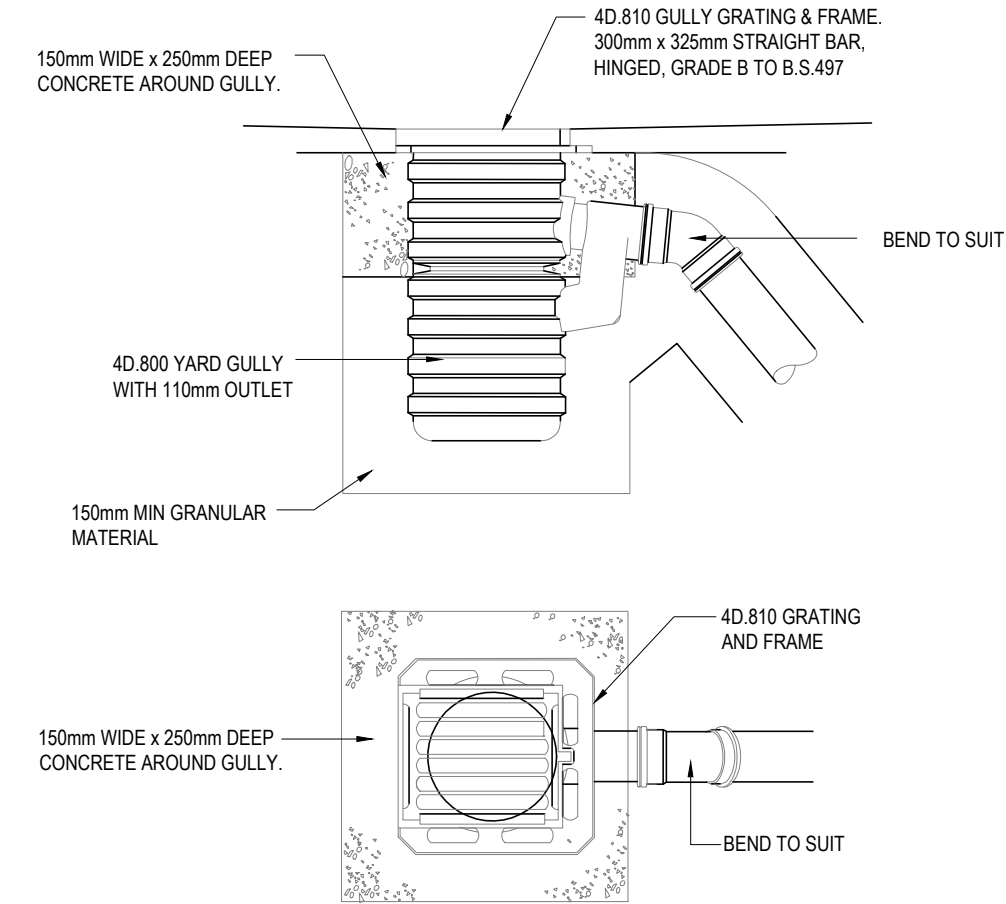
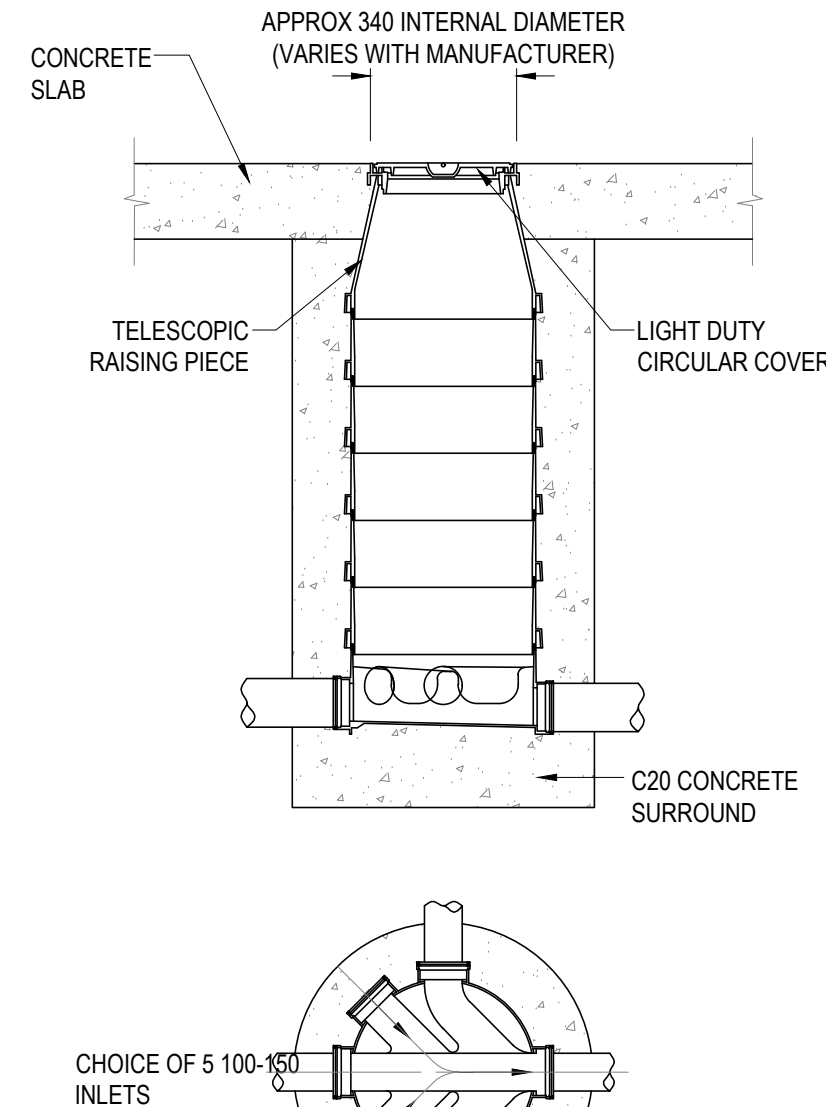
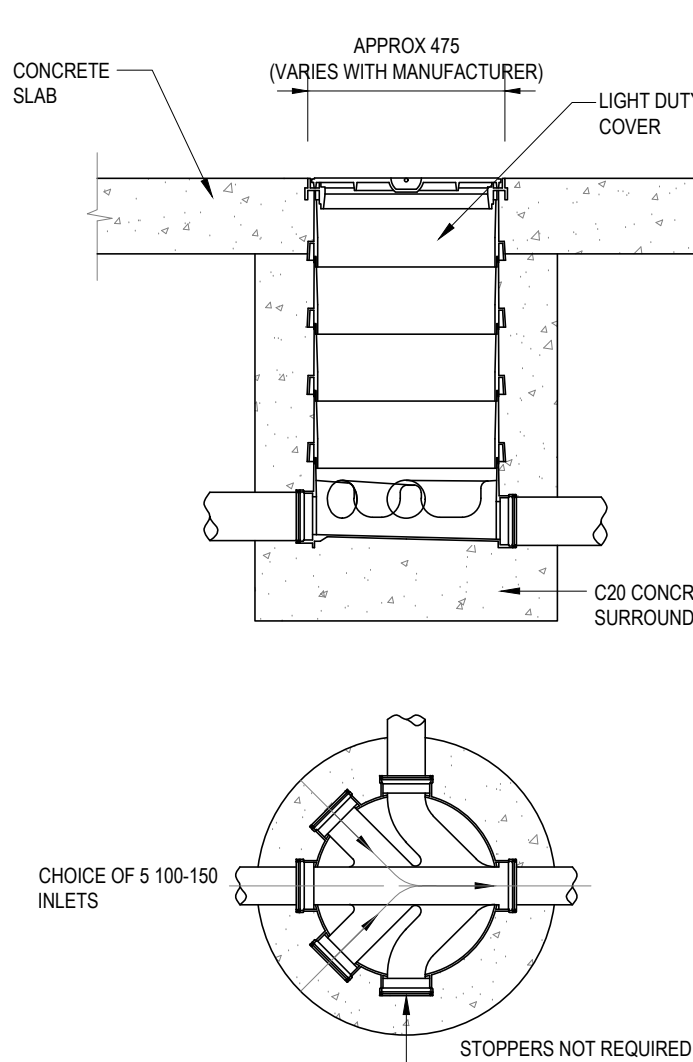
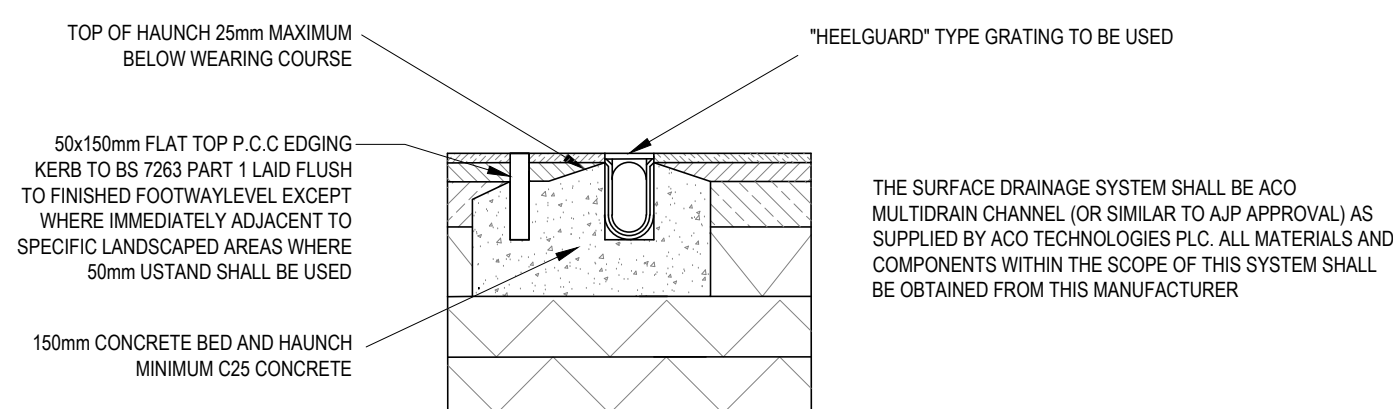




REDUCED ACCESS INSPECTION
CHAMBER DETAILS
(DEPTH 1.1m < 3m)



DOWNSTREAM

COMPRESSIBLE FILLER

PIPES LEAVING MANHOLES SHALL HAVE A FLEXIBLE JOINT WITHIN 600mm OF THE INSIDE FACE OF THE MANHOLE TO 750mm LONG ROCKER PIPE

20 x 10 STAINLESS STEEL BARS, 400 LONG BUILT INTO BRICKWORK BELOW COVER AS HANDHOLDS

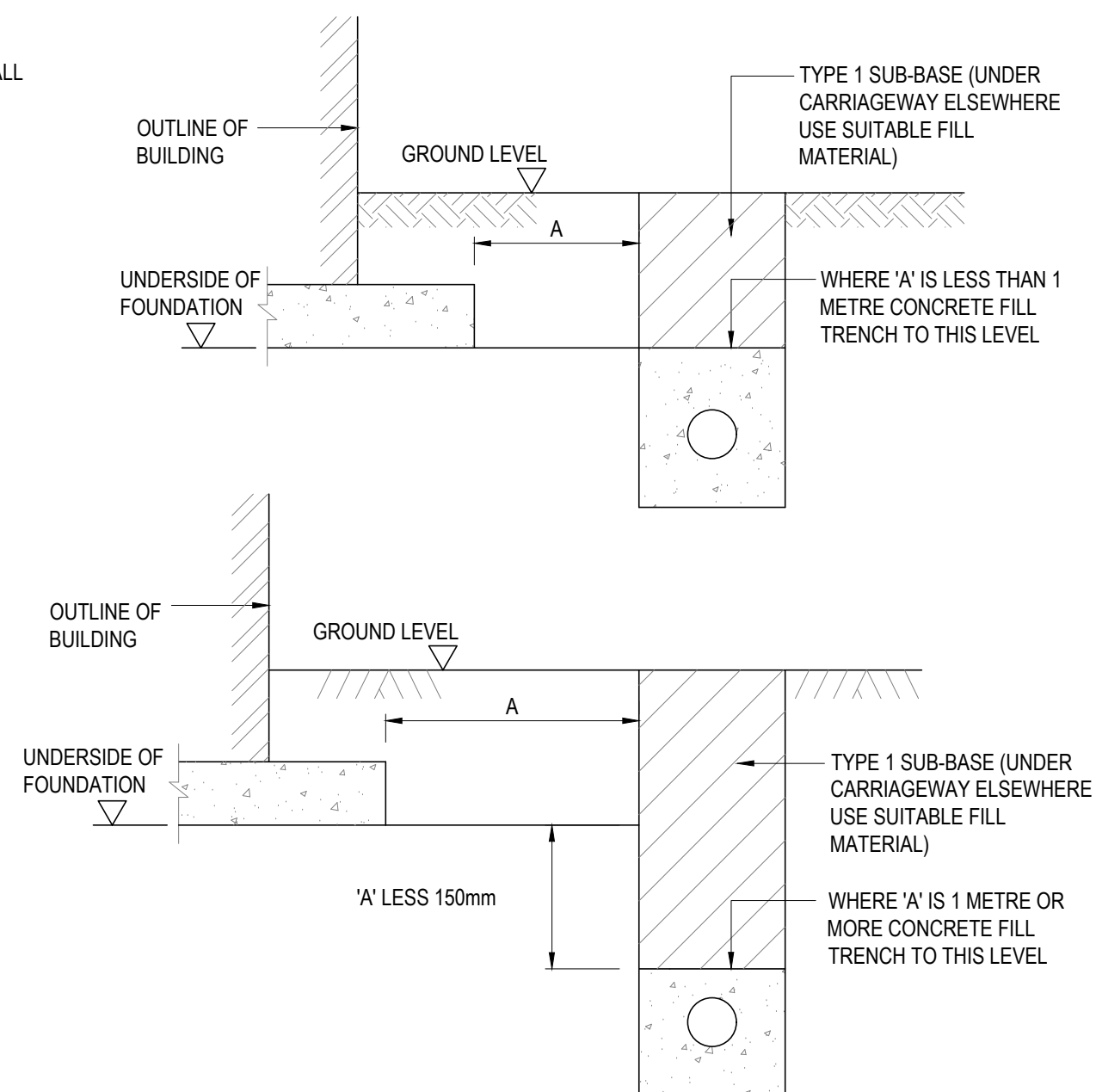
STEPS AT 250mm VERTICAL CENTRES

PIPE JOINT WITH CHANNEL TO BE LOCATED MIN. 100mm INSIDE FACE OF CHAMBER

225mm MINIMUM BENCHING

UPSTREAM

(MAX. DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3.0m)



SECTION OF NEW PIPE CUT TO SUIT,
RE-LOCATED, SECURED AND RESEALED
USING FLEXIBLE COUPLINGS, BACKFILLED
WITH GRANULAR SUB-BASE TYPE 1

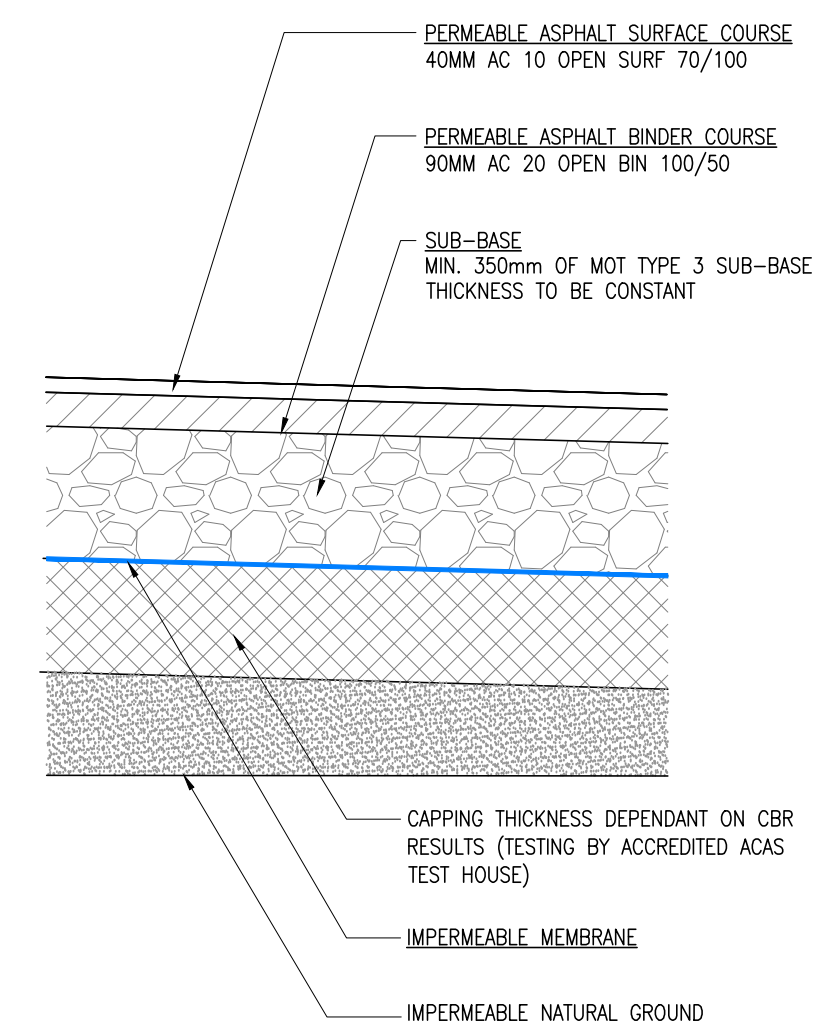
EXISTING PIPE

CLAMPING BAND

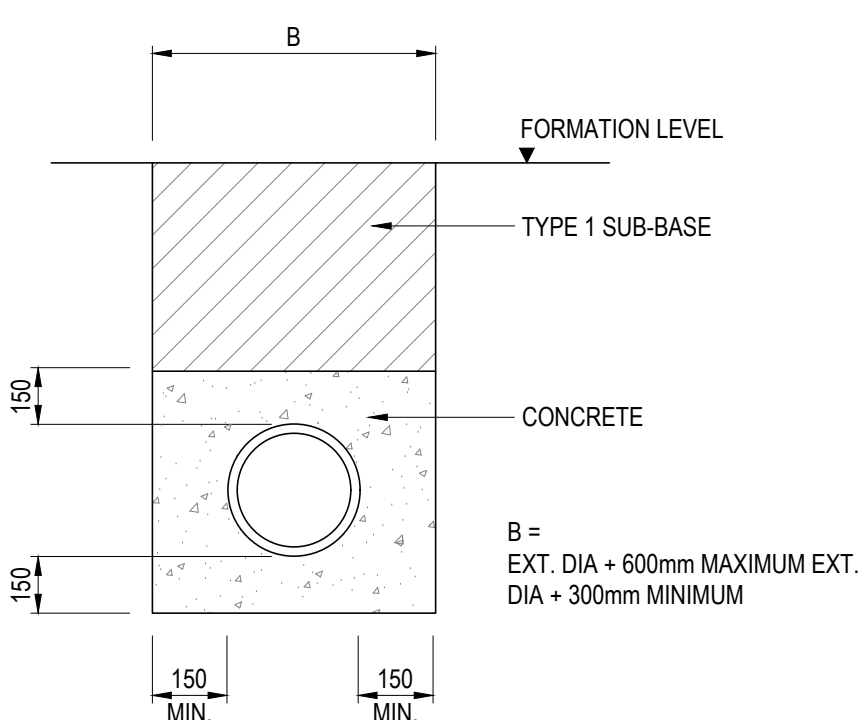
SHEAR BAND

EXISTING PIPE, FLOWS
TO BE MAINTAINED

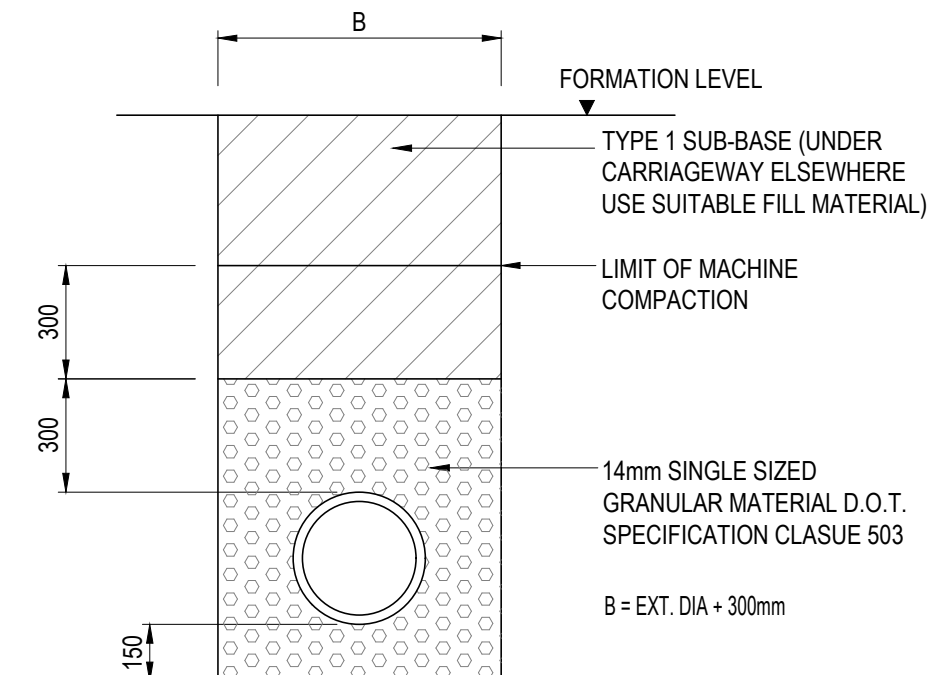
1. THE REPLACEMENT PIPE OR JUNCTION SHOULD LEAVE A TOTAL LENGTH OF 20MM LESS THAN THAT BETWEEN THE CUT ENDS OF THE EXISTING PIPELINE.
2. COUPLINGS SHOULD BE TIGHTENED EITHER STARTING WITH THE SHEAR BAND FOLLOWED BY THE CLAMPING BANDS OR WORKING ACROSS THE COUPLINGS FROM ONE OF THE CLAMPING BANDS.
3. IT IS IMPORTANT TO ENSURE THAT THE ENDS OF THE PIPES ARE CUT SQUARE AND THAT THERE IS SUFFICIENT CLEARANCE BETWEEN THE ENDS OF THE PIPES TO ALLOW FLEXIBLE MOVEMENT TO TAKE PLACE.



JUNCTION INSERTION

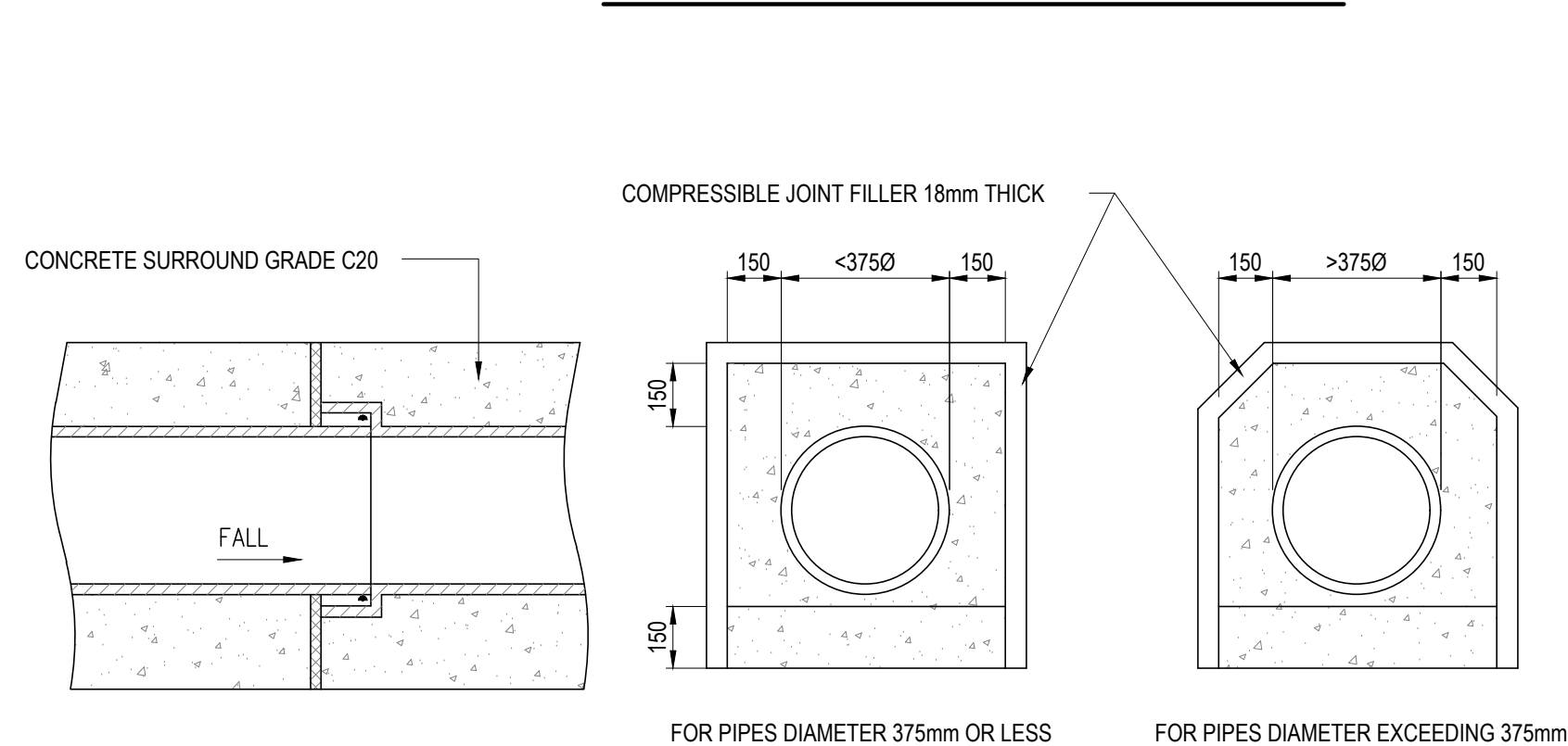


(FOR PIPES UNDER HIGHWAYS WITH <1.2m COVER)
(FOR PIPES UNDER CAR PARKING WITH <0.9m COVER)
(FOR PIPES IN LANDSCAPING AREAS WITH <0.6m COVER)



TYPE 'S' BEDDING TO BE USED FOR PIPES GENERALLY IN FOOTWAY AND LANDSCAPED AREAS, AND FOR PIPES UNDER TRAFFICKED AREAS WITH MORE THAN 0.9m COVER

STANDARD MIX	GRADE OF CONCRETE	APPLICATIONS
ST1	C7.5	FILLINGS, BLINDINGS, SOFT SPOTS AND DRAINAGE SUMPS
ST4	C20	ALL OTHER APPLICATIONS



DETAILS OF FLEXIBLE JOINT FOR PIPES WITH CONCRETE SURROUND (150mm THICK) PROVIDED AT EACH PIPE JOINT

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
2. ALL RELEVANT DIMENSIONS TO BE OBTAINED/ CHECKED AGAINST ARCHITECTS DRAWINGS AND BY SITE MEASUREMENT PRIOR TO THE COMMENCEMENT OF WORKS OR ORDERING OF MATERIALS.
3. DO NOT SCALE FROM THIS DRAWING. DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS TO BE NOTIFIED TO THE ENGINEER.

P2	19.03.24	PERMEABLE PARKING BAY DETAILED ADDED TO STANDARD DETAILS SHEET	CLB	KOB	KOB
P1	XX.XX.23	PRELIMINARY ISSUE	LS	KOB	KOB
REV	DATE	DESCRIPTION	BY	CHK	APP

DRAWING STATUS:

PRELIMINARY

CLIENT:

STONEBOND PROPERTIES LIMITED

ARCHITECT:

STONEBOND PROPERTIES LIMITED

PROJECT:

EDENFIELD ROAD
NORDEN, ROCHDALE

TITLE:

PRIVATE DRAINAGE STANDARD DETAILS

STATUS:	PROJECT No.	PROJECT	ORIGINATOR	VOL/YS	LEVEL	TYPE	ROLE	DRAWING No.	REV:
S2	223-100	EDE - AJP - XX - 00 - DR - C - 1070							P02

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:20	LS	LS	KOB	KOB	XXX 2021