



HEALTH AND SAFETY INFORMATION

CONSTRUCTION
THIS DRAWING SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

MAINTENANCE/CLEANING/OPERATION
MAINTENANCE OF SUDS FEATURES AND THE DRAINAGE SYSTEM SHOULD BE CARRIED OUT IN ACCORDANCE WITH THE CRIA SUDS MANUAL AND MANUFACTURERS SPECIFICATIONS

DECOMMISSIONING/DEMOLITION
REFER TO DRAWING FOR EXTENT OF EXISTING SITE DRAINAGE TO BE ABANDONED/REMOVED

NOTES

- DO NOT SCALE FROM THIS DRAWING. ONLY FIGURED DIMENSIONS ARE TO BE USED.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- REFER TO DRAINAGE GENERAL ARRANGEMENT DRAWINGS FOR LAYOUT PIPE DIAMETERS / FALLS.
- REFER TO THE MANHOLE SCHEDULES FOR CHAMBER SIZES AND DETAILS.
- ROCKER PIPES TO BE INSTALLED AT CONNECTION POINTS TO STRUCTURES TO ALLOW FOR MOVEMENT CAUSED BY SETTLEMENT.
- ALL DRAINAGE IS DESIGNED TO ADOPTABLE STANDARDS WHERE POSSIBLE, AND BUILDING REGULATIONS PART H.
- DETAILS ARE TYPICAL AND THE CONTRACTOR SHOULD ADJUST THE DETAIL TO SUIT SITE SPECIFIC CONDITIONS WHERE APPROPRIATE. WHERE FURTHER DETAIL IS REQUIRED WHITBY WOOD SHOULD BE CONTACTED.
- WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE BELOW GROUND DRAINAGE SPECIFICATION DOCUMENT.

KEY

P3	REVISED ISSUE FOR FINAL TENDER	RS	RW	RW	23.03.2023
P2	STAGE 4 ISSUE	RW	RS	RW	04.10.2022
P1	PRELIMINARY ISSUE	RS	RW	RW	13.04.2022
REV	DESCRIPTION	DRN	CHK	APP	DATE

whitby wood
91-94 LOWER MARSH
LONDON SE1 7AB, UNITED KINGDOM
+44 (0)20 7442 2216 www.whitbywood.com

CLIENT
RHP ARCHITECTS

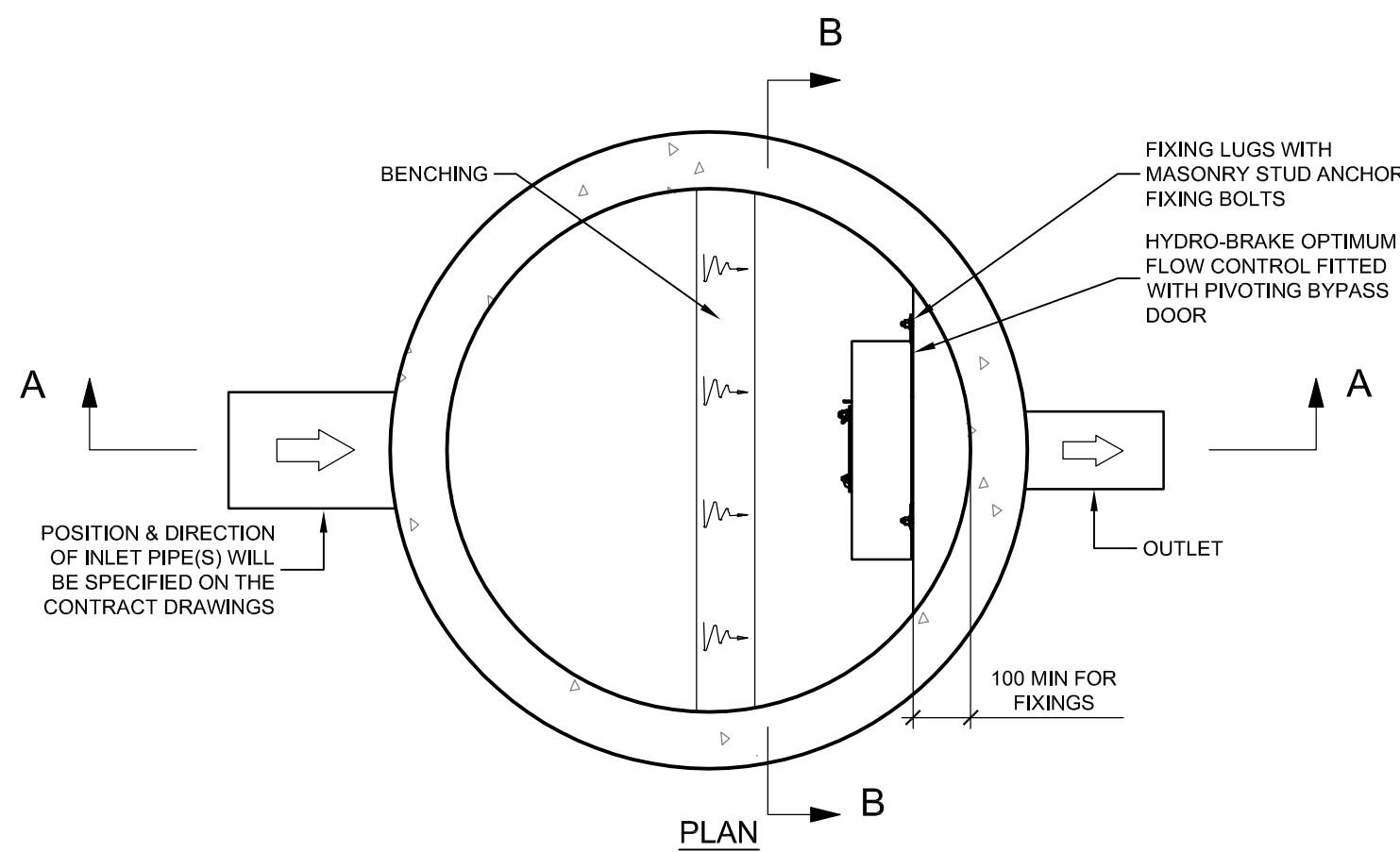
PROJECT
ITCHEN VALLEY COUNTRY PARK

PRELIMINARY

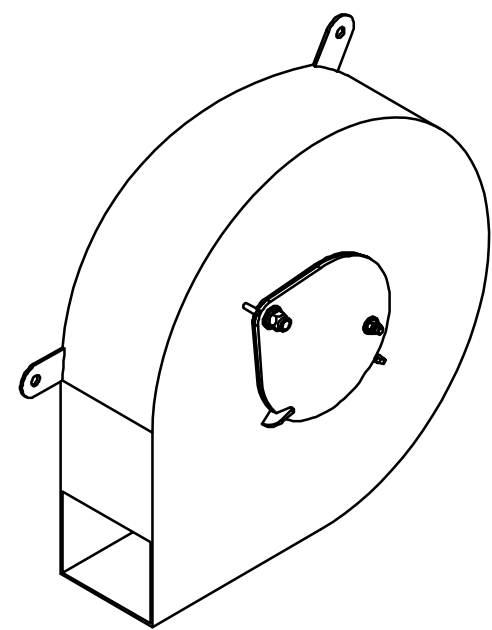
DRAWING TITLE

**DRAINAGE DETAILS
SHEET 2**

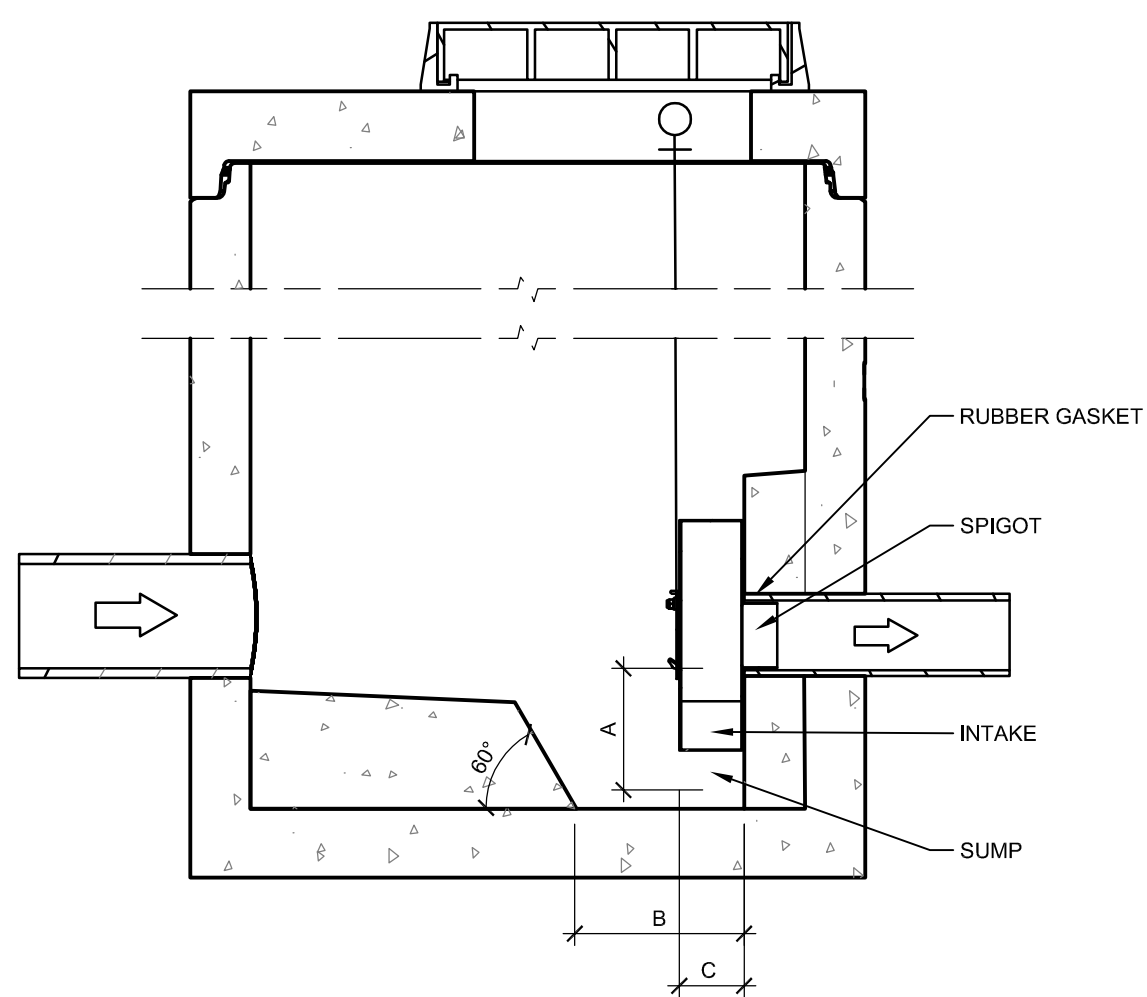
DATE	13.04.2022	SCALES @ A1	NTS	DRAWN BY	RS	CHECKED	RW	APPROVED	RW
DRAWING NUMBER	P450815-WW-IV-00-DR-C-4002							REVISION	P3



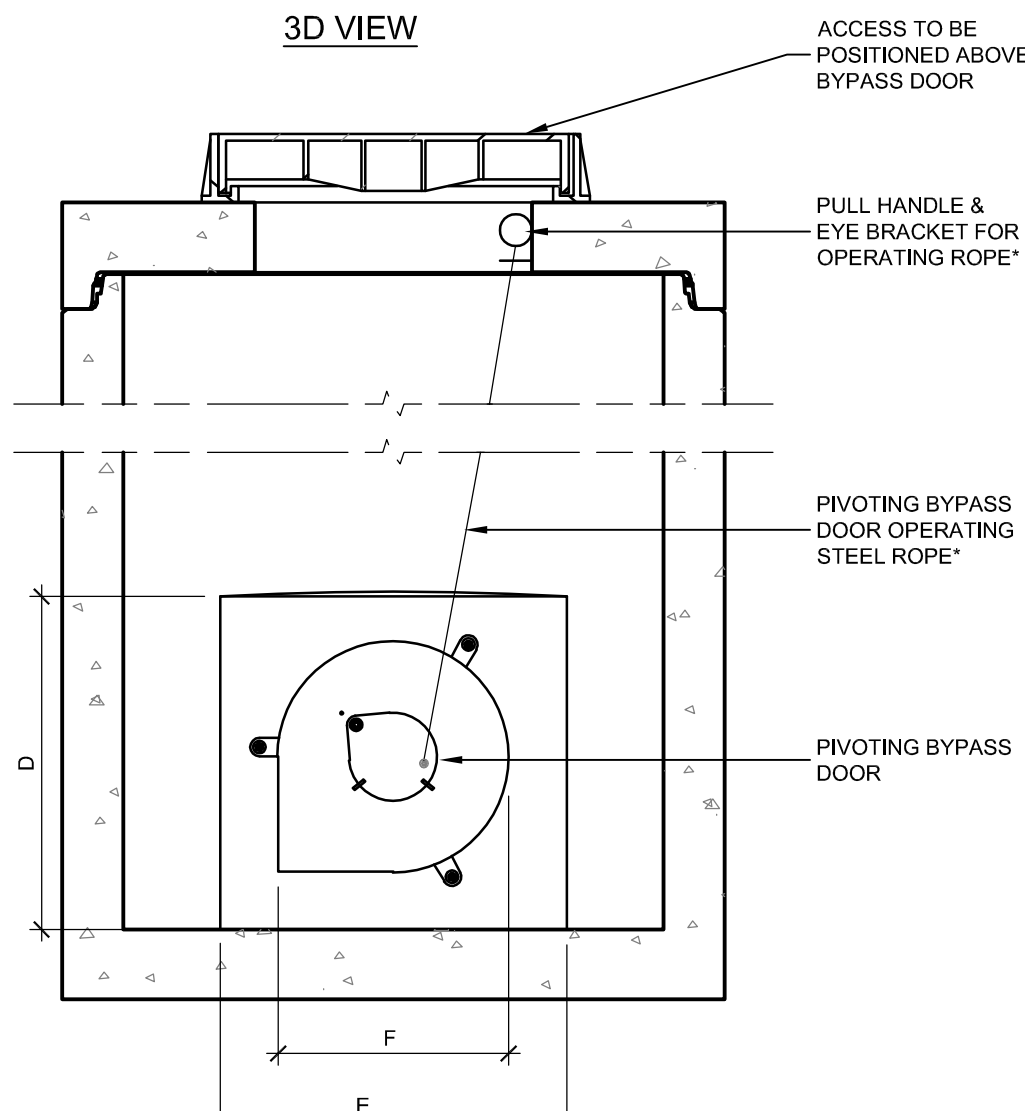
TYPICAL HYDRO-BRAKE CONTROL MANHOLE
(REFER TO BELOW GROUND DRAINAGE SPECIFICATION FOR SPECIFICATION OF EACH FLOW CONTROL)



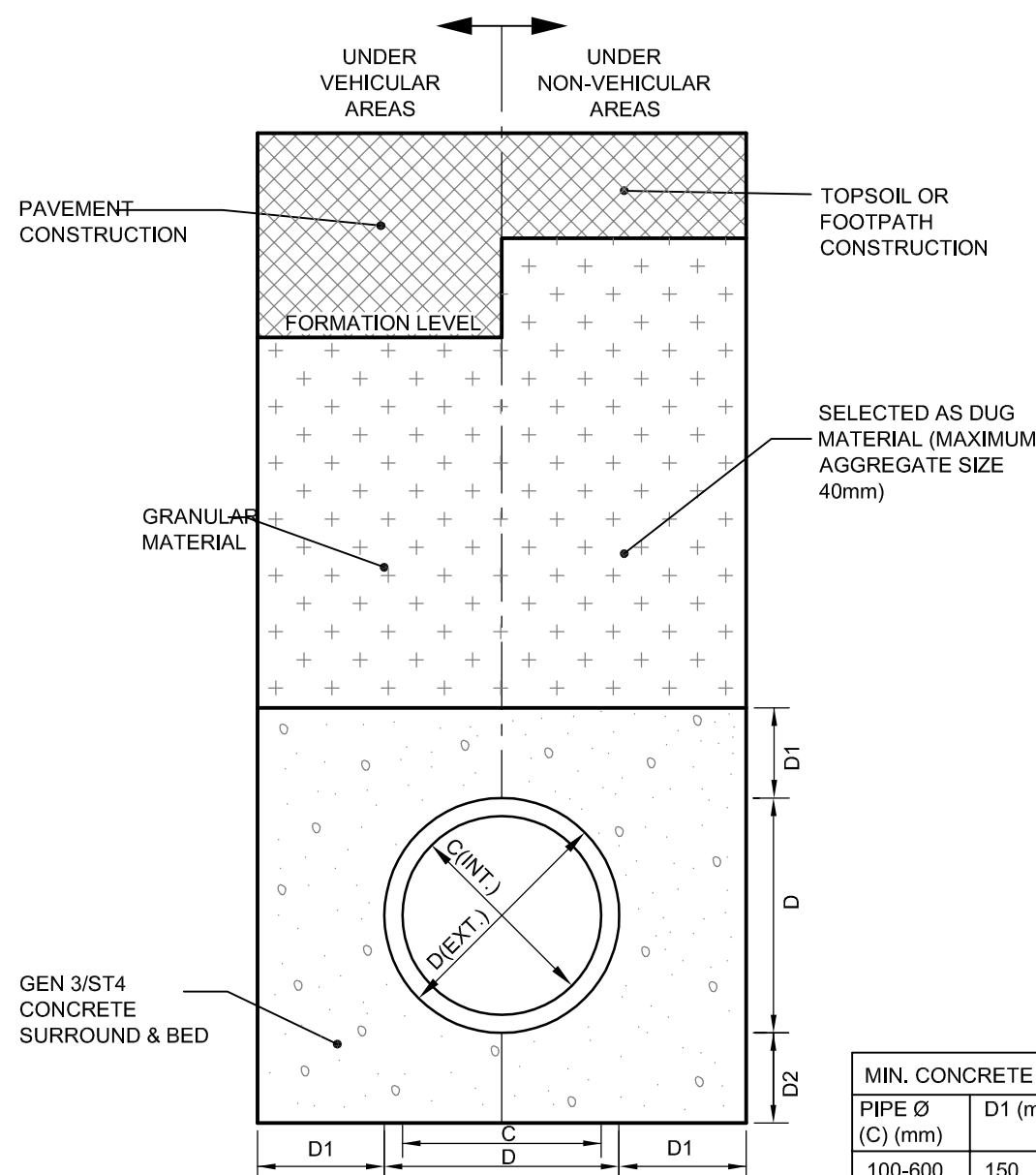
3D VIEW



SECTION A-A



SECTION B-B



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

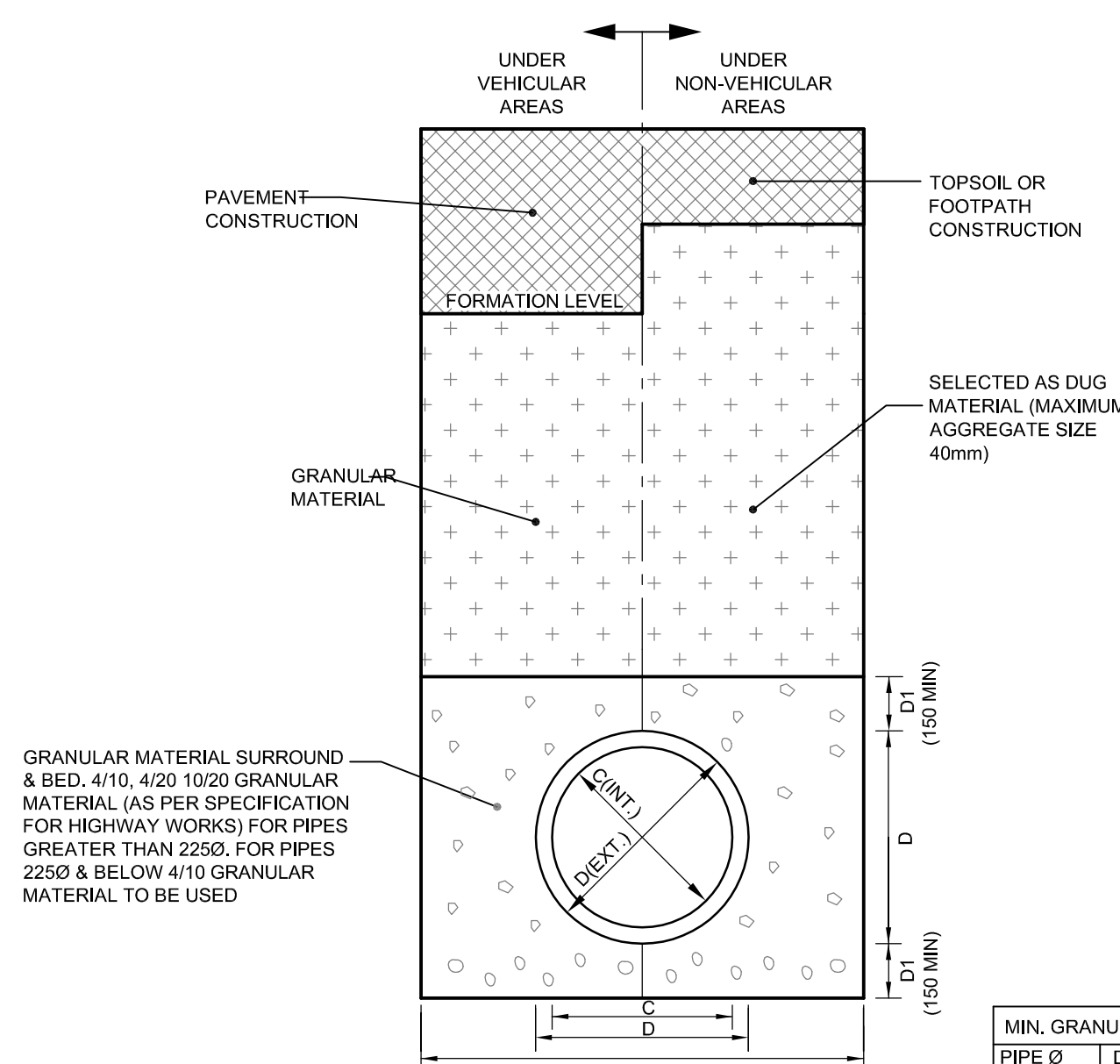
TO BE USED UNDER:

- VEHICULAR AREAS WHERE COVER TO PIPE SOFFIT IS EQUAL TO OR LESS THAN 1200mm.
- ALL NON-VEHICULAR AREAS WHERE COVER TO PIPE SOFFIT IS EQUAL TO OR LESS THAN 900mm.

NOTE:

ALL PIPEWORK WITH CLASS Z (GEN 3/ST4) CONCRETE SURROUND SHALL HAVE FLEXIBLE COUPLINGS WITH FLEXI-BOARDS ON ALL JOINTS

PIPE Ø (C) (mm)	D1 (mm)	D2 (mm)
100-600	150	150
675	150	170
750	150	190
825	150	210
900	150	225
975	150	250
1050	150	270
1200	170	300
1350	180	350
1500	200	375
1650	220	420



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

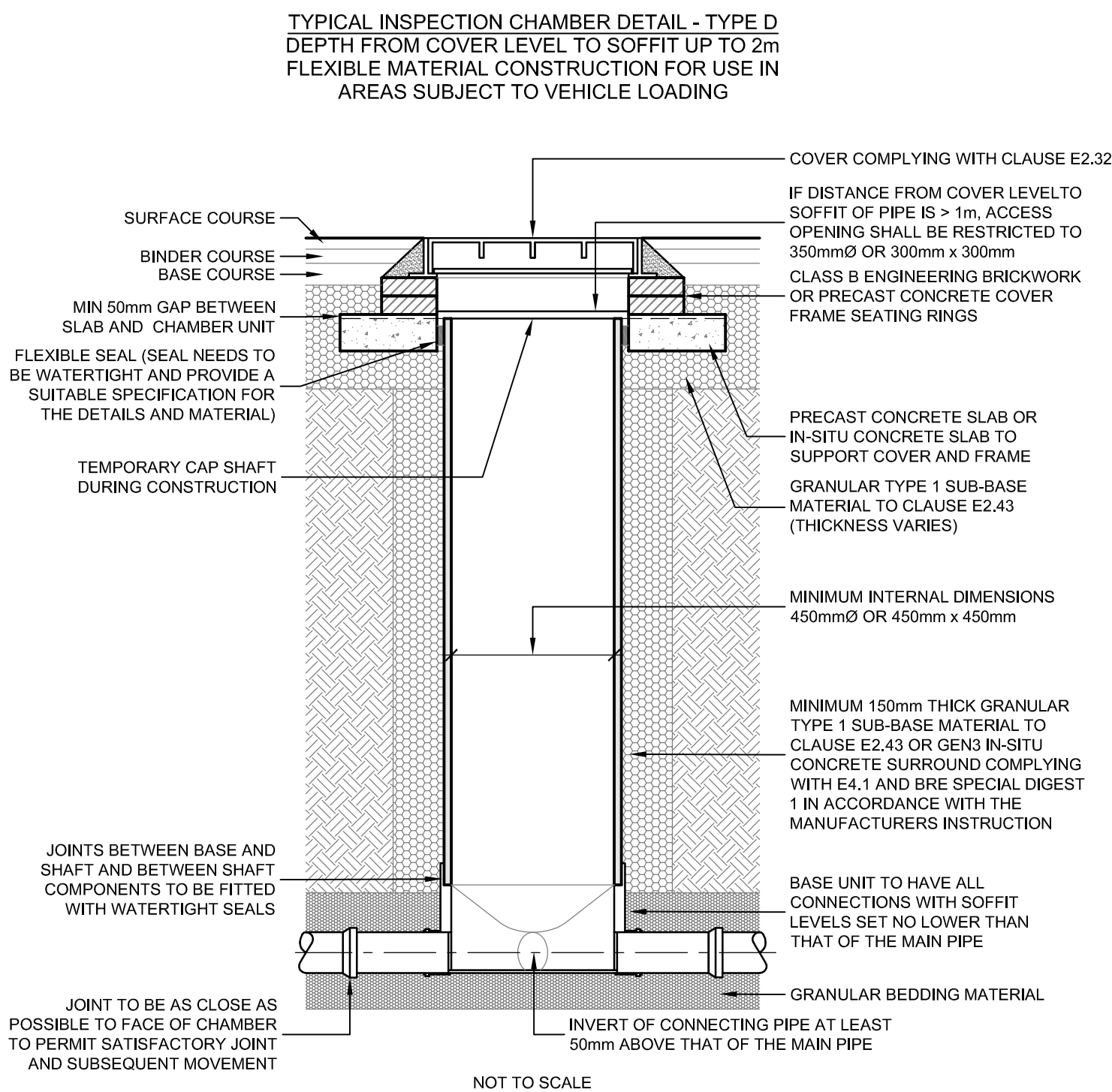
TO BE USED UNDER:

- VEHICULAR AREAS WHERE COVER TO PIPE SOFFIT IS GREATER THAN 1200mm.
- ALL NON-VEHICULAR AREAS WHERE COVER TO PIPE SOFFIT IS GREATER THAN 900mm.

NOTE:

ALL PIPEWORK SHALL HAVE FLEXIBLE COUPLINGS

PIPE Ø (C) (mm)	D1 (mm)	D2 (mm)
150	150	600
225	150	700
300	150	850
375	200	1050
450	200	1150
525	200	1200
600	200	1350
675	200	1450
750	200	1500



NOTE: WHERE THE ACCESS CHAMBER IS IN THE HIGHWAY (INCLUDING ANY FOOTWAY), THE HIGHWAY AUTHORITY CAN HAVE SPECIFIC REQUIREMENTS.

0 10 20 40 60 80 100mm

1 : 1