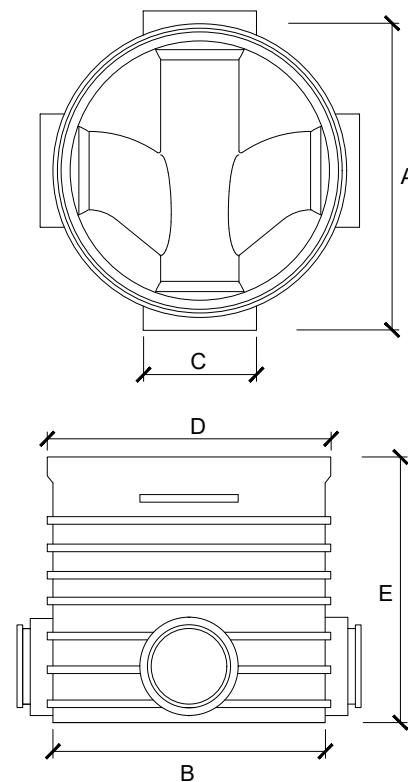
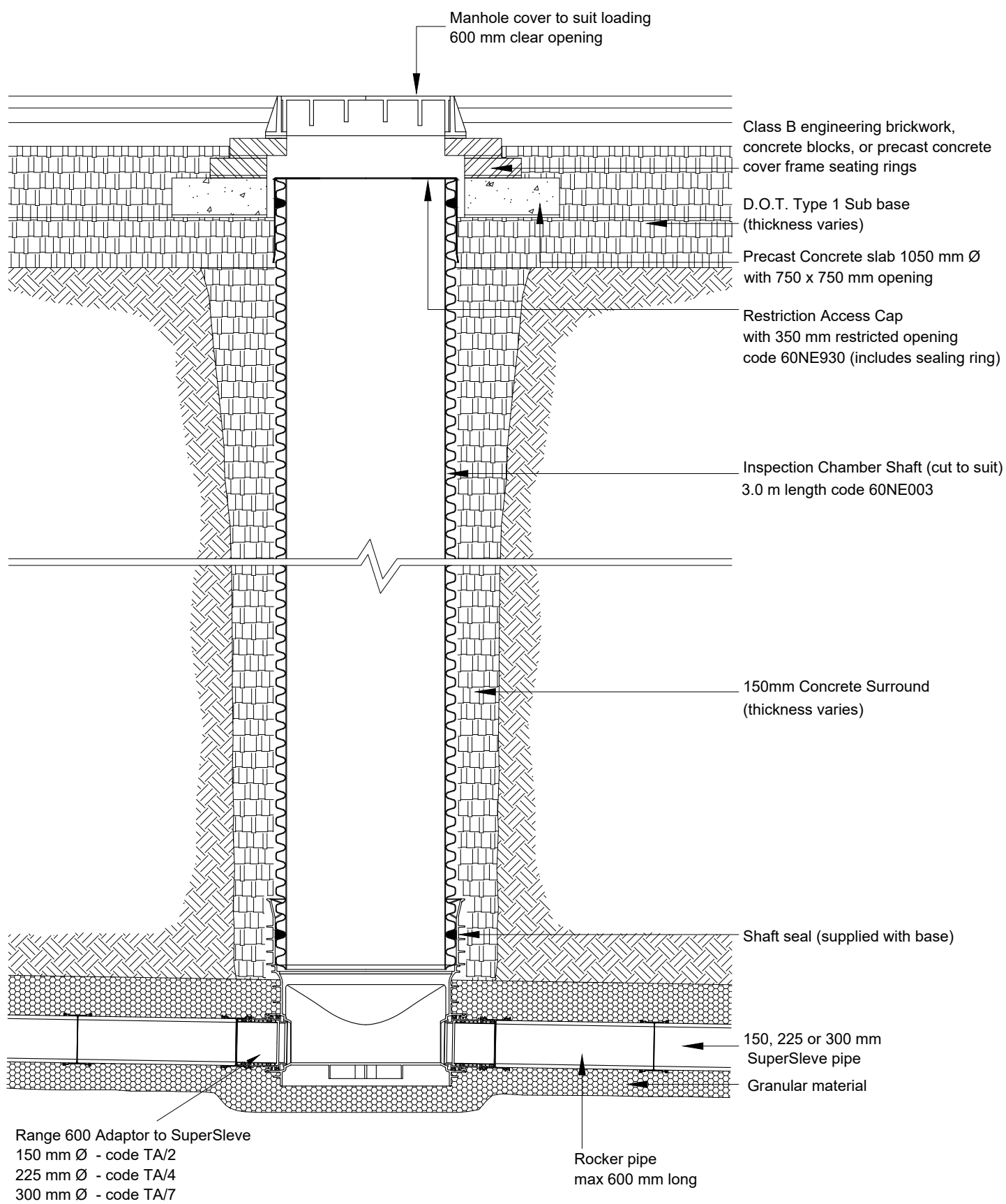
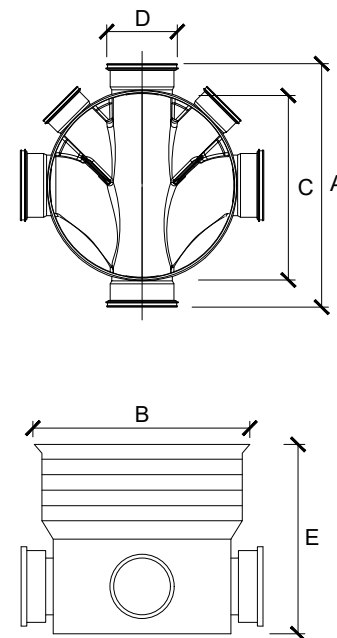
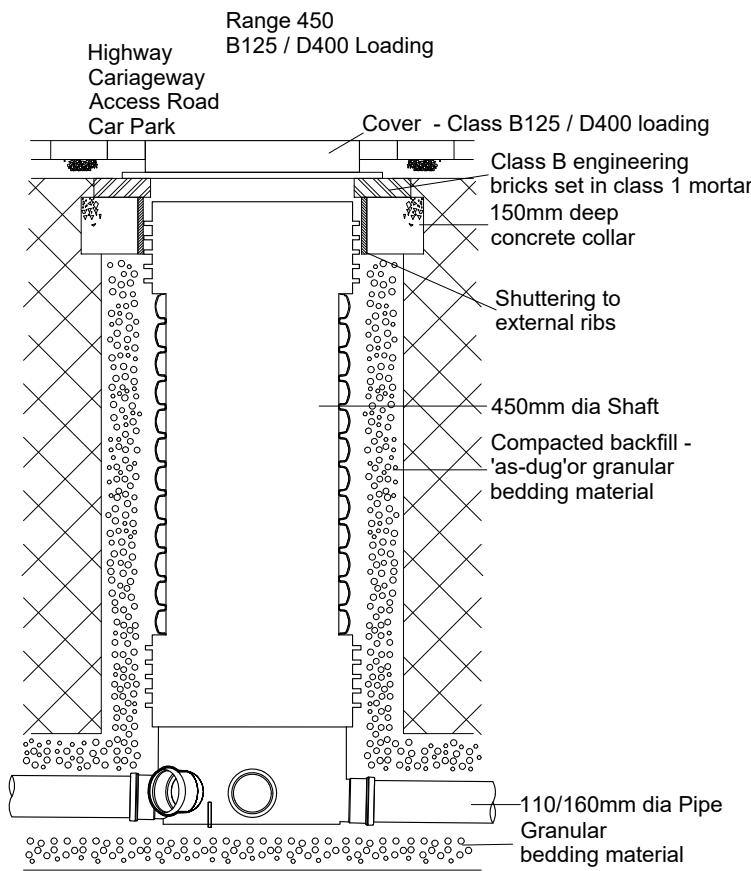




RANGE 600 - EQUAL INSPECTION CHAMBER BASE
- 600mm Ø BASE INCORPORATING STRAIGHT THROUGH CHANNEL AND 2 x 90° EQUAL BRANCH INLETS
- TO CONNECT 150mm, 225mm AND 300mm SUPERSLEVE USE ADAPTORS TA/2 (WITH 150 BASE), TA/4 (WITH 225 BASE) AND TA/7 (WITH 300 BASE)
- STEP HEIGHT FOR SIDE CONNECTION = 30mm
MATERIAL = POLYPROPELYNE

NOMINAL DIAM. (mm)	DIMENSIONS (mm)				
	A	B	C	D	E
150	845	720	150	750	646
225	845	720	225	750	705
300	845	720	300	750	705

DETAIL 1:20 TYPICAL RANGE 600 INSPECTION CHAMBER BASE

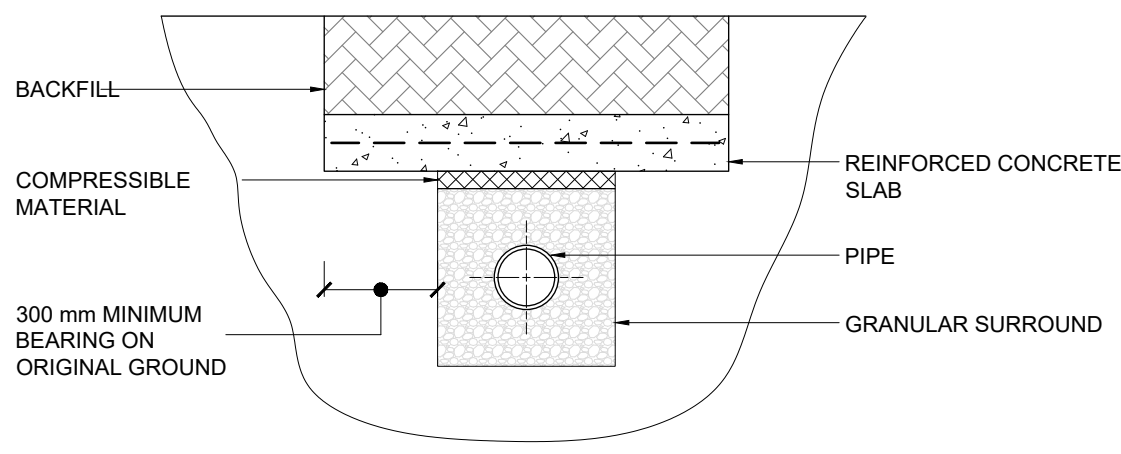


RANGE 450 - UNEQUAL INSPECTION CHAMBER BASE
- 450mm Ø BASE INCORPORATING 150mm STRAIGHT THROUGH CHANNEL WITH 2 x 150mm 90° AND 2 x 100mm 45° LEFT/RIGHT HAND BRANCH INLETS
- SUPPLIED WITH 1 x 150mm AND 2 x 100mm INLET STOPPER.
- STEP HEIGHT FOR 100mm SIDE CONNECTION = 50mm
- STEP HEIGHT FOR 150mm SIDE CONNECTION = 70mm
MATERIAL = POLYPROPELYNE

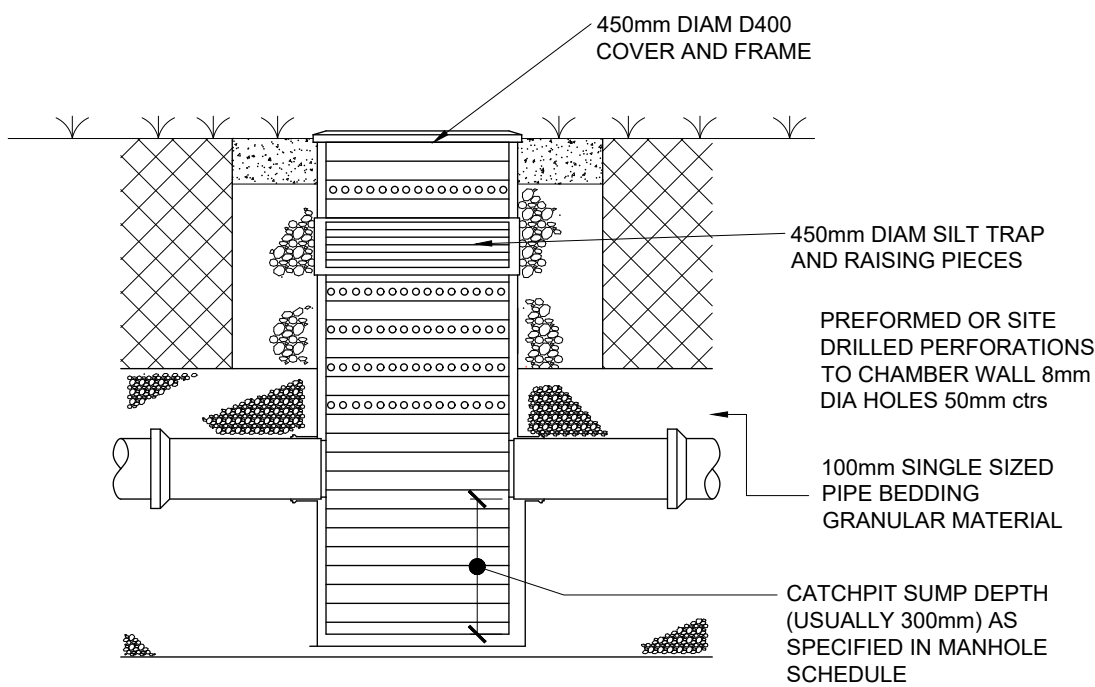
NOMINAL DIAM. (mm)	DIMENSIONS (mm)				
	A	B	C	D	E
150	644	570	500	150	501

DETAIL 1:20 TYPICAL RANGE 450 INSPECTION CHAMBER BASE

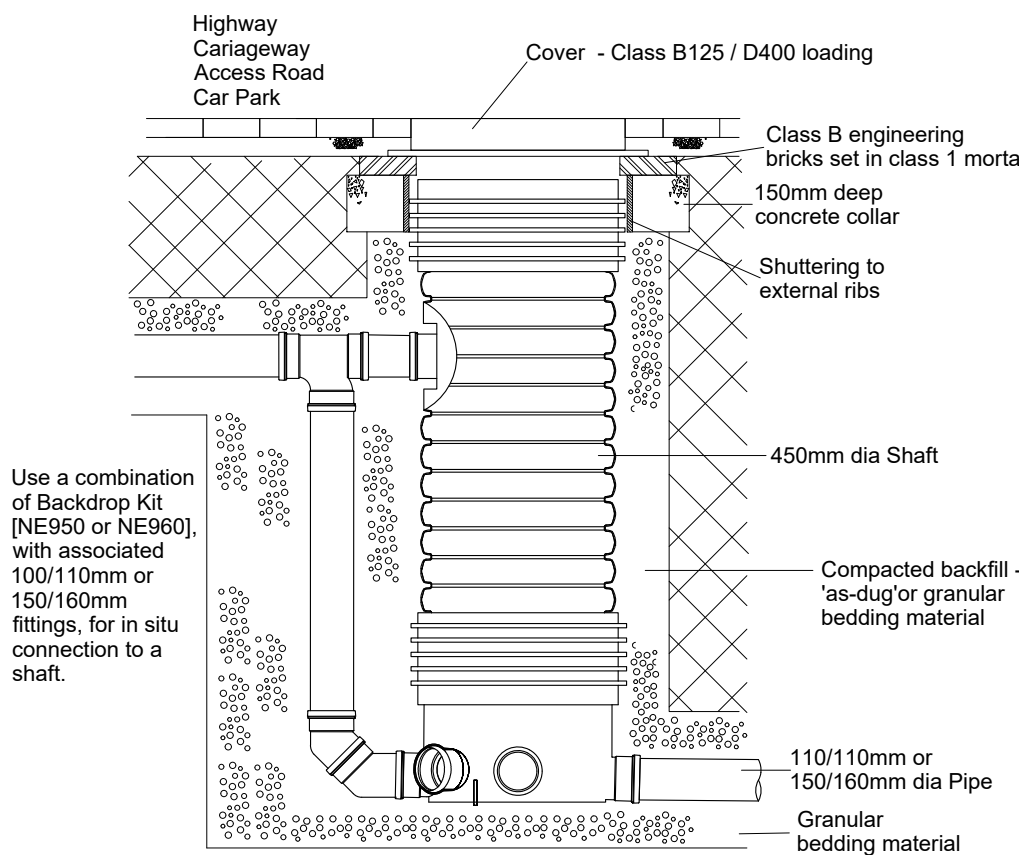
PLAN 1:20 TYPICAL RANGE 450 INSPECTION CHAMBER



SECTION 1:20 PROTECTION OF PIPES LAID AT SHALLOW DEPTHS



SECTION 1:20 PERFORATED CATCHPIT (P-CP) CHAMBER



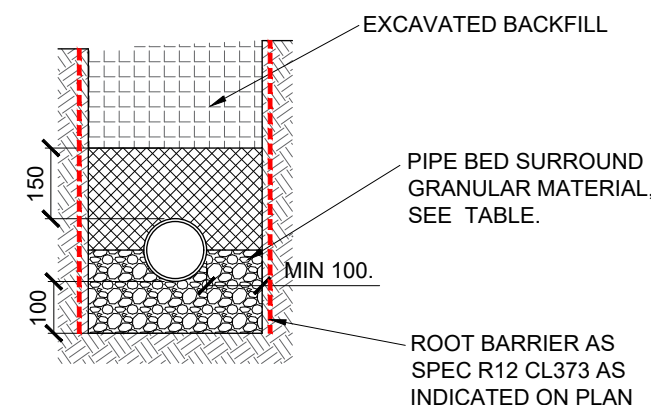
SECTION 1:20 TYPICAL BACKDROP CONNECTION

PIPE DIAM. (mm)	MAX PARTICLE SIZE (mm)	RECOMMENDED BEDDING
100mm	10mm	5-10mm GRADED OR 10mm SINGLE SIZE
100-150mm	15mm	10mm SINGLE SIZE OR 14mm SINGLE SIZE OR 14-5mm GRADED
150-300mm	20mm	10/14/20mm SINGLE SIZE OR 14-5mm GRADE OR 20-5mm GRADED

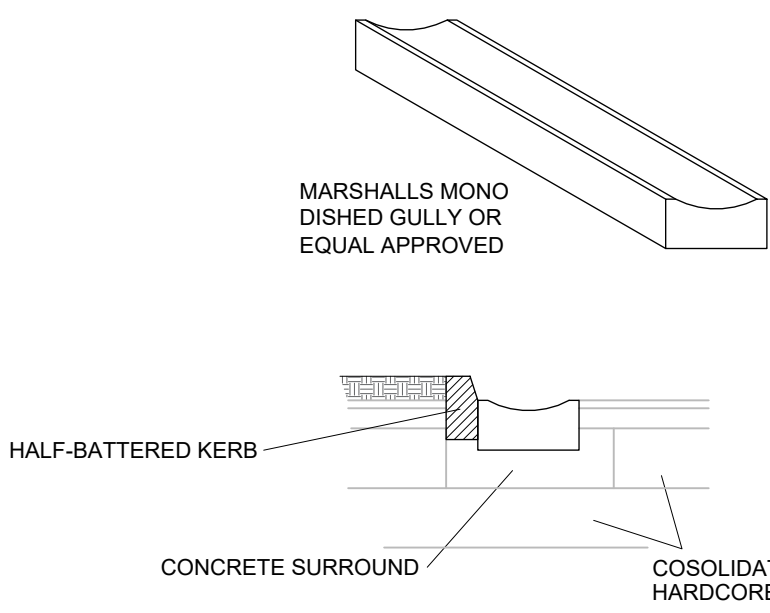
* - GRANULAR MATERIAL FOR PIPE BEDDING, CONFORMS TO "BS EN 1610 - ANNEX B TABLE B15"

NOMINAL DIAM. (mm)	RECOMMENDED TRENCH WIDTH OVR. (m)
100	0.45
150	0.60
225	0.70
300	0.80

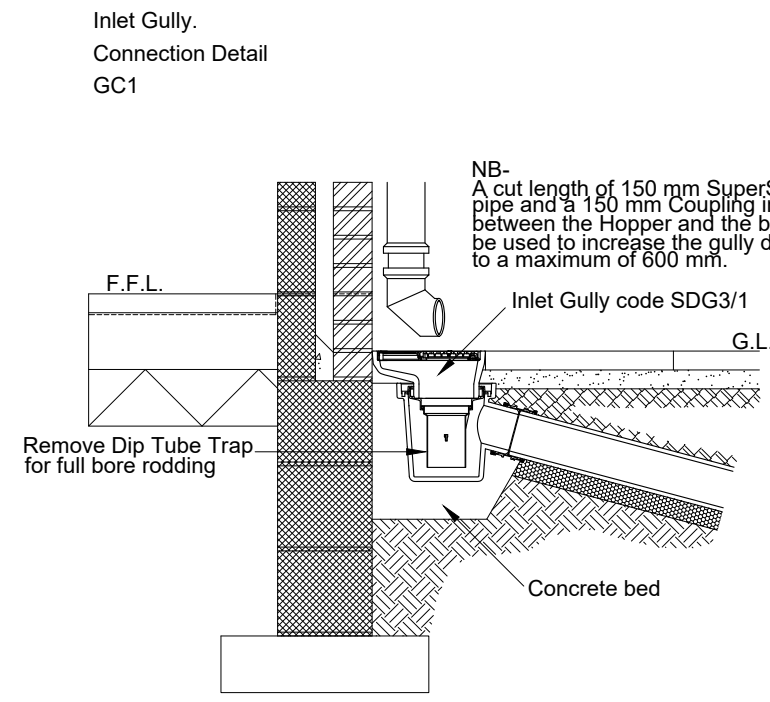
* - TRENCH WIDTH SHOULD NOT BE LESS THAN THE PIPE DIAM. PLUS 300mm



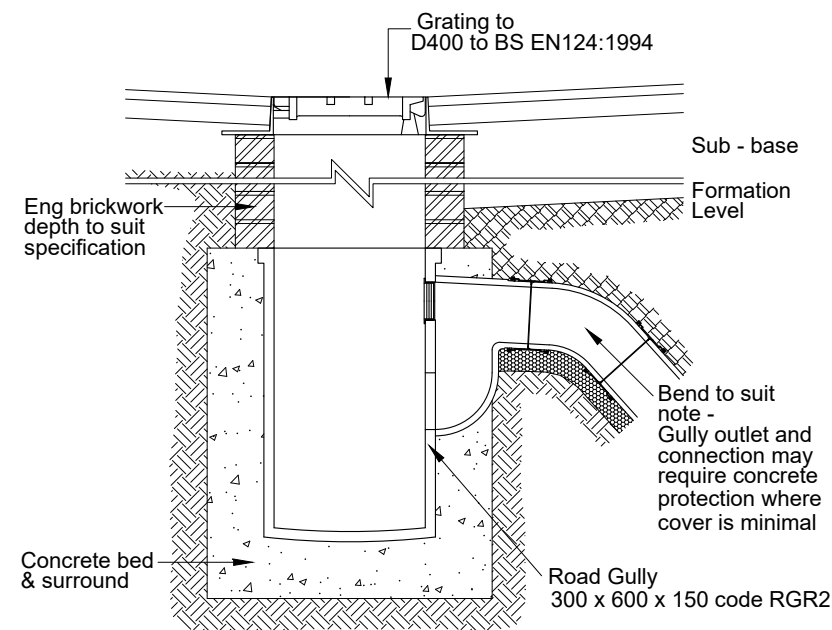
DETAIL 1:20 PIPE SURROUND



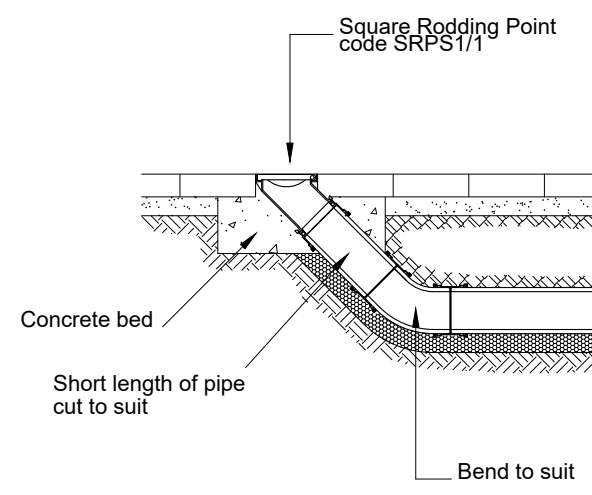
DETAIL 1:20 DISHED CHANNEL LINEAR DRAINAGE



DETAIL 1:20 RWP AND GULLY CONNECTION DETAIL



DETAIL 1:20 ROAD GULLY CONNECTION DETAIL



DETAIL 1:20 RODDING EYE DETAIL

CODE	DESCRIPTION
S1	SUITABLE FOR COORDINATION
S2	SUITABLE FOR INFORMATION
S3	SUITABLE FOR REVIEW AND COMMENT
S4	SUITABLE FOR STAGE REVIEW AND AUTHORIZATION
S5	SUITABLE FOR STAGE REVIEW AND ACCEPTANCE
PUBLISHED (CONTRACTUAL)	
A1	STAGE 1 AUTHORIZED (NOT FOR CONSTRUCTION)
A2	STAGE 2 AUTHORIZED (NOT FOR CONSTRUCTION)
A3	STAGE 3 AUTHORIZED (NOT FOR CONSTRUCTION)
A4	STAGE 4 AUTHORIZED (FOR CONSTRUCTION)
A5	STAGE 5 AUTHORIZED (FINAL DESIGN RECORD)

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REV	DESCRIPTION	BY	DATE
P1	PRELIMINARY ISSUE	FM	12.11.24
P2	PRELIMINARY ISSUE	FM	07.01.25
P3	PRELIMINARY ISSUE	FM	17.01.25
P4	AMENDED TO SUIT MINOR COMMENTS	FM	03.03.25
P5	ISSUED FOR REVIEW AND AUTHORISATION	FM	25.04.25

PROJECT
CYFARTHFA CASTLE - SCAFFOLD PROTECTION

TITLE
DRAINAGE DETAILS - SHEET 1

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DRAWN	CHECKED	SIZE	SCALE	DATE	MW JOB NO.
FM	JP	A1	-	NOV 2024	12050
S4 [FOR APPROVAL (NOT FOR CONSTRUCTION)]					
ZONE/SYSTEM	LEVEL	TYPE	ROLE	ORIGINATOR	
XX	XX	DR	C	MWB	
PROJECT CODE		NUMBER		REVISION	
12050		0505		P4	