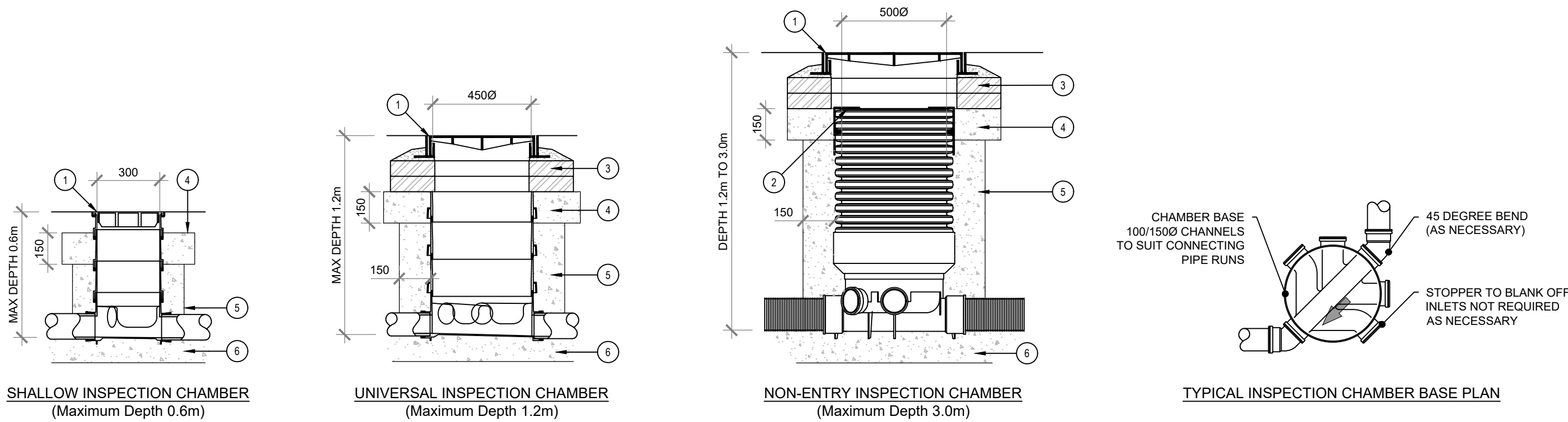
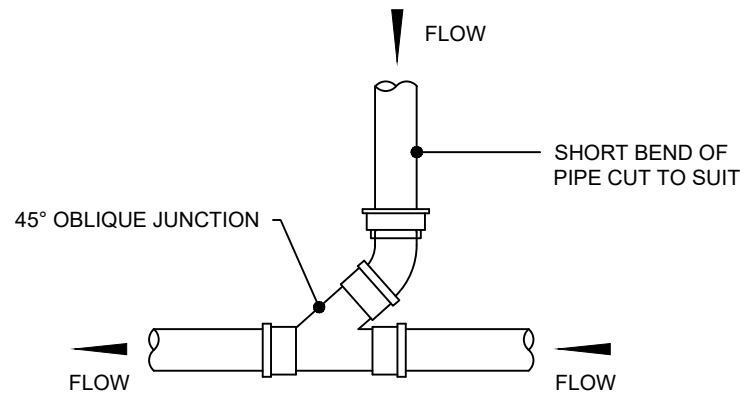


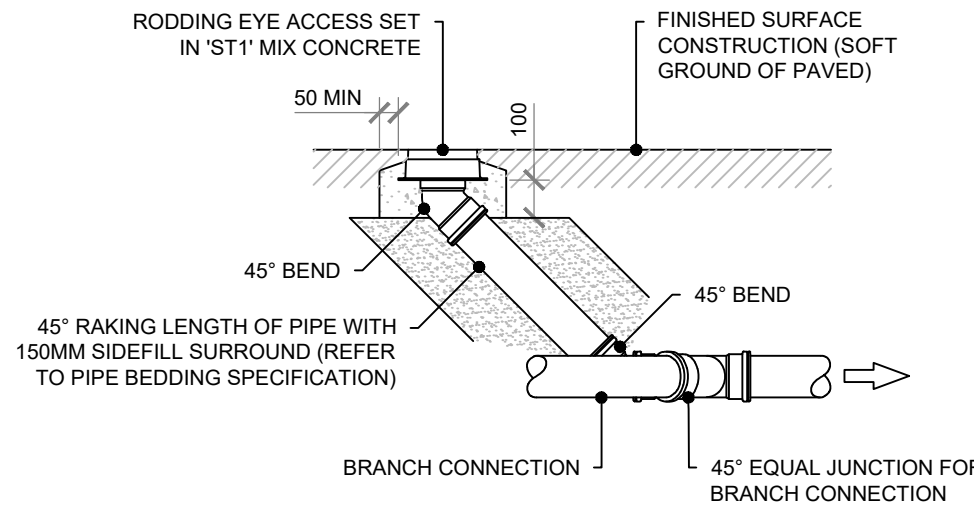
1. COVER & FRAME TO BS EN 124 GRADE B125 UNLESS STATE OTHERWISE.
2. FOR DEPTHS GREATER THAN 1.2m, USE RESTRICTOR CAP WITH 350mm OPENING AND SEALING RING
3. TWO COURSES OF ENGINEERING BRICKWORK TO BE USED IN TRAFFICKED AREAS.
4. 150mm DEEP ST2 CONCRETE COLLAR TO MANHOLE COVER AND FRAME TO BE USED IN TRAFFICKED AREAS. WIDTH OF CONCRETE COLLAR VARIES DEPENDING ON COVER INSTALLATION.
5. 150mm ST2 CONCRETE SURROUND IN VEHICULAR AREAS, GRANULAR SURROUND ELSEWHERE.
6. 150mm ST2 CONCRETE BED SURROUND IN VEHICULAR AREAS, GRANULAR SURROUND ELSEWHERE.
- REFER TO MANUFACTURERS (WAVN OSMO OR SIMILAR) INSTALLATION GUIDANCE FOR THE FULL RANGE OF CONSTRUCTION DETAILS, PARTS SPECIFICATIONS AND COVER OPTIONS.



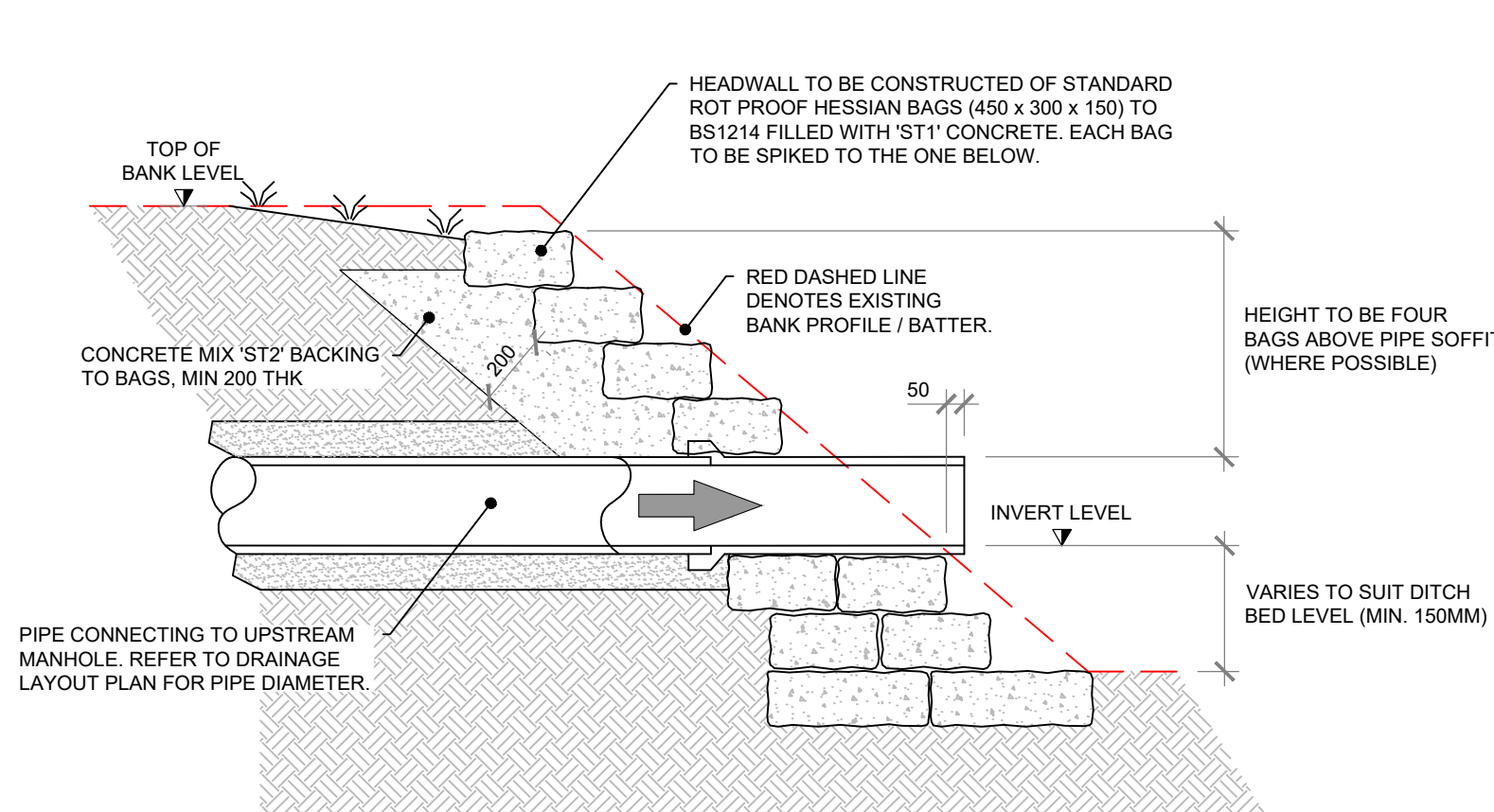
TYPICAL DETAILS FOR INSPECTION CHAMBERS
SCALE NTS



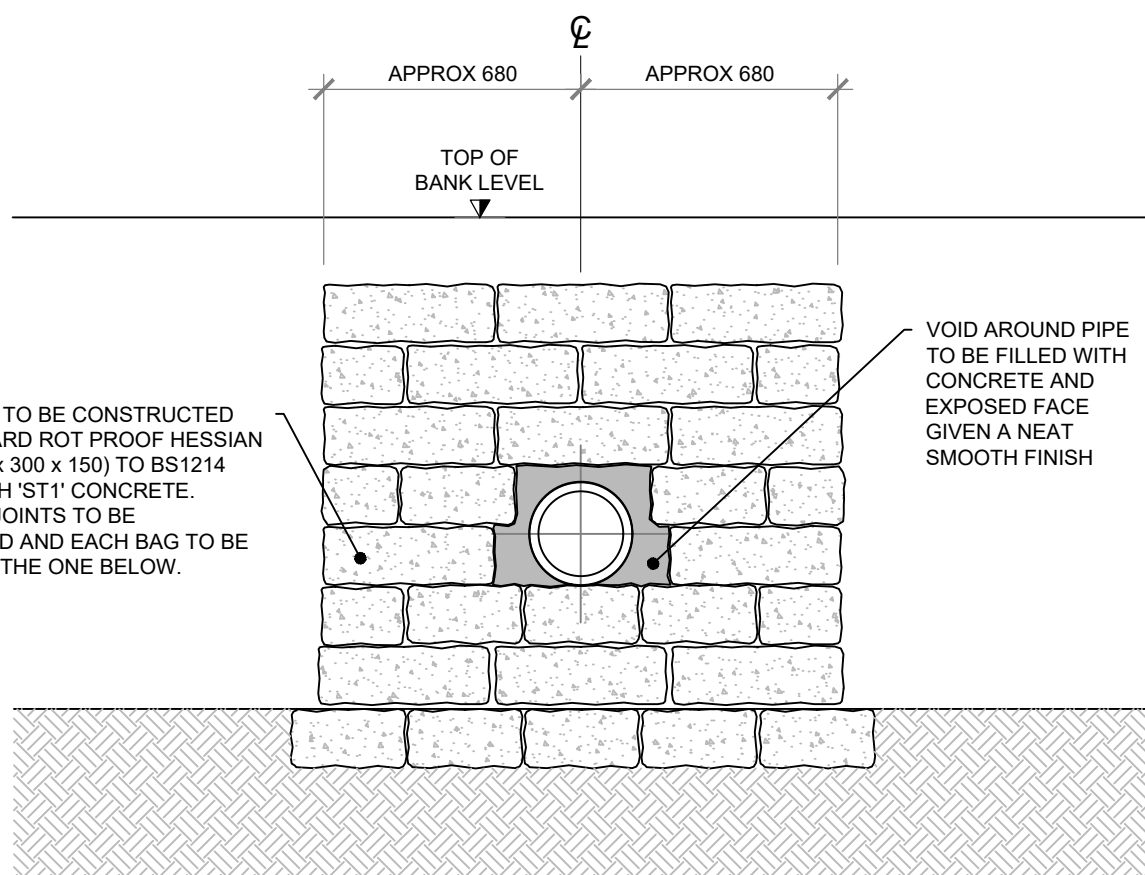
INCOMING CONNECTION TO MAIN RUN
SCALE NTS



TYPICAL RODDING EYE DETAIL
SCALE 1:20

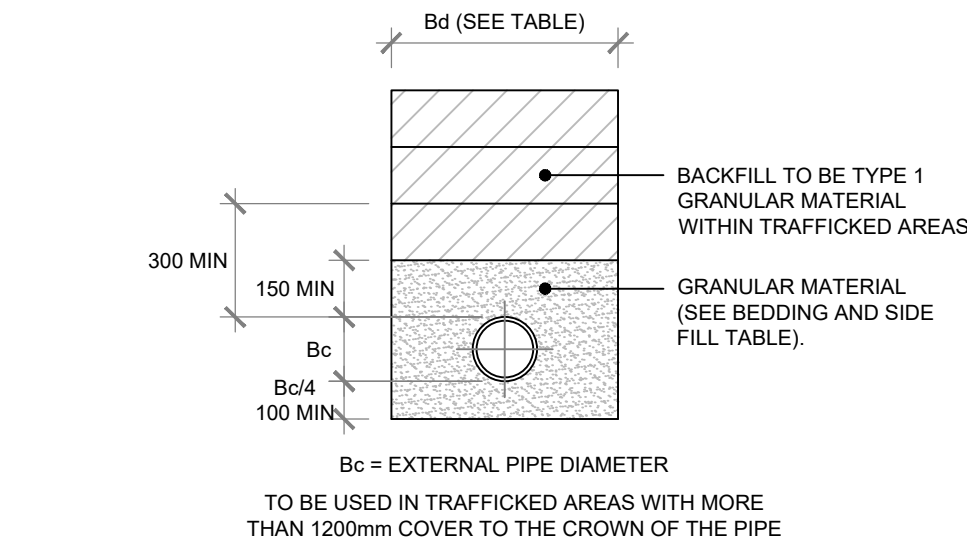


SECTION DETAIL

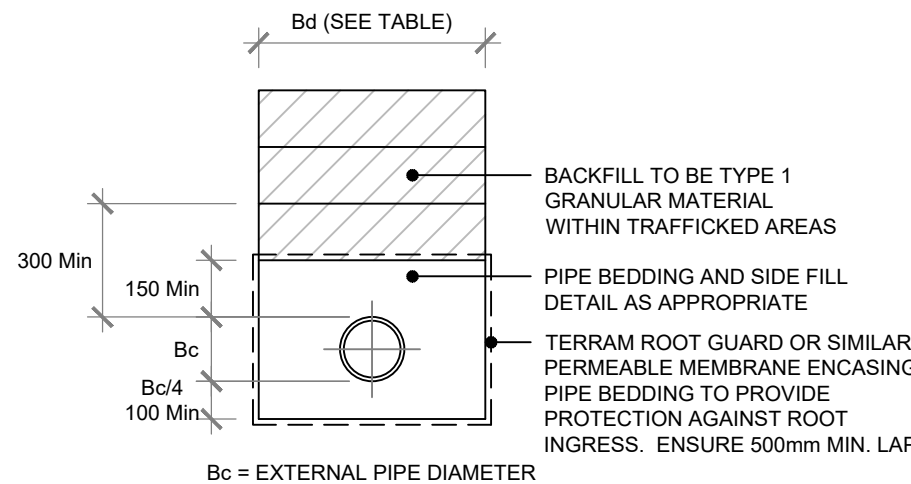


END ELEVATION

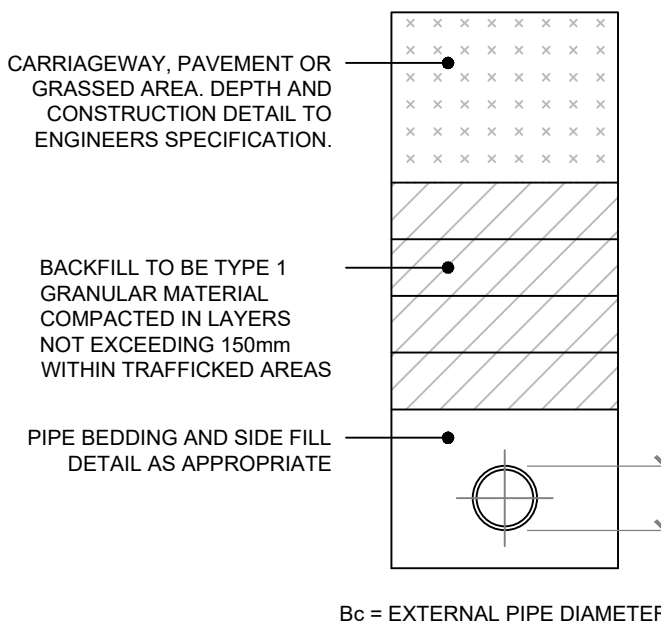
TYPICAL SAND BAG HEADWALL
SCALE 1:20



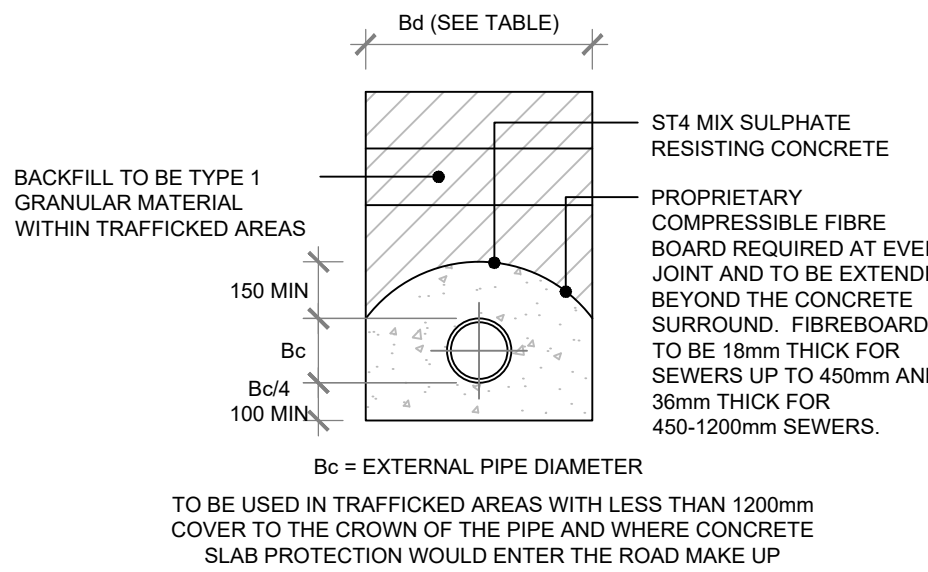
TYPE S



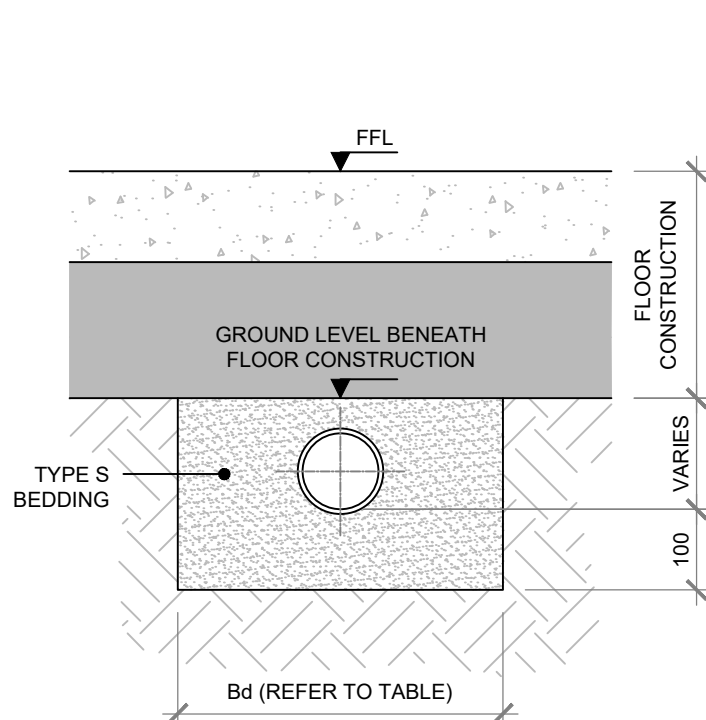
ROOT GUARD PROTECTION



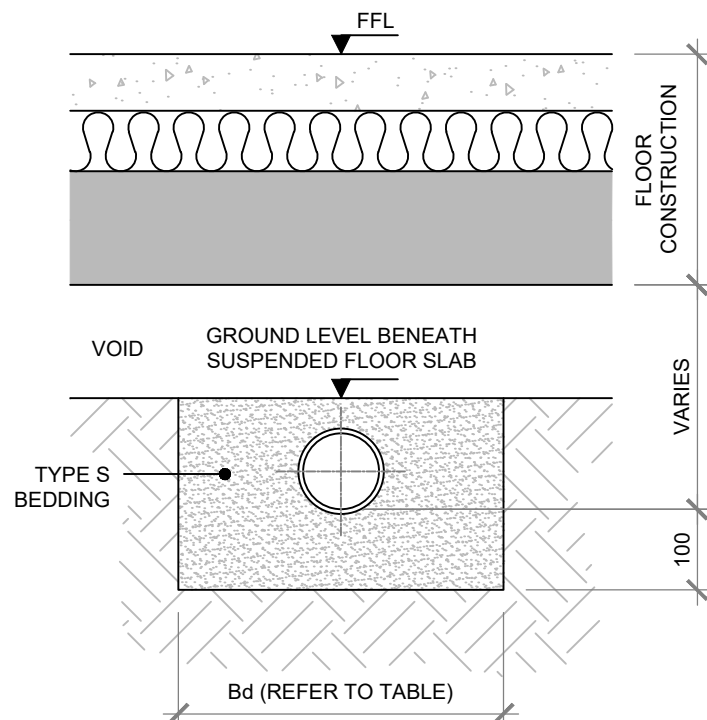
PIPE BACKFILL DETAIL



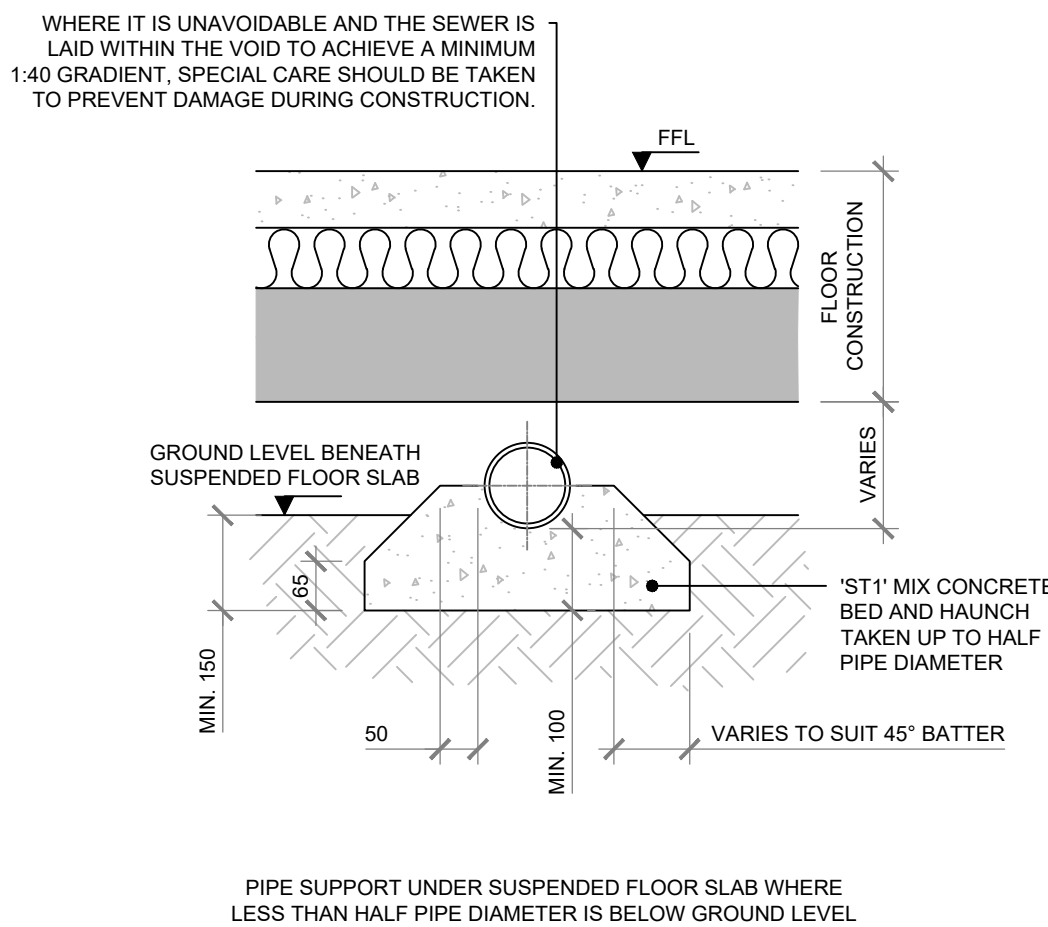
TYPE Z1



BEDDING DETAIL WHERE PIPE IS BURIED BELOW GROUND BEARING SLAB



BEDDING DETAIL WHERE PIPE IS BURIED BELOW GROUND LEVEL UNDER SUSPENDED SLAB



PIPE SUPPORT UNDER SUSPENDED FLOOR SLAB WHERE LESS THAN HALF PIPE DIAMETER IS BELOW GROUND LEVEL

PIPE BEDDING DETAILS BELOW FLOOR CONSTRUCTION
SCALE 1:10

PIPE DIA (mm)	ALTERNATIVE AGGREGATE SIZES (mm)	
	SINGLE-SIZED	GRADED
100	10	-
150	10 or 14	14 to 5
225 - 300	10, 14 or 20	14 to 5 or 20 to 5
375 - 525	14 or 20	14 to 5 or 20 to 5
>525	14, 20 or 40	14 to 5, 20 to 5 or 40 to 5

GRANULAR PIPE BEDDING AND SIDE FILL MATERIAL SHALL CONSIST OF AGGREGATES FROM NATURAL SOURCES OR SINTERED PULVERIZED-FUEL ASH COMPLYING WITH THE RELEVANT PROVISIONS OF BS 882 AND BS 3787, PART 2 RESPECTIVELY, SIZED IN ACCORDANCE WITH THE TABLE ABOVE.

TYPE S BEDDING AND SIDE FILL TABLE

PIPE DIA (mm)	TRENCH WIDTH Bd(mm) MAX. MEASURE 300mm ABOVE PIPE SOFFIT
100	550
150	600
225	700
300	750
375	1050
450	1150
525	1200
600	1350
675	1450
750	1500
825	1600
900	1900
1000	2000

TRENCH WIDTH TABLE

PRIVATE PIPE BEDDING SPECIFICATION
SCALE 1:20

DESIGN NOTES

1. Refer to BLI Consulting Engineers Ltd Drawing No. BLI.2024.65-PL-01 for full Design Notes.