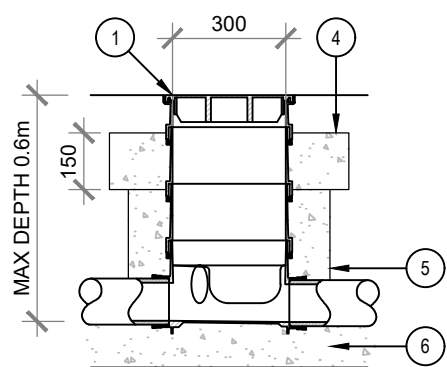
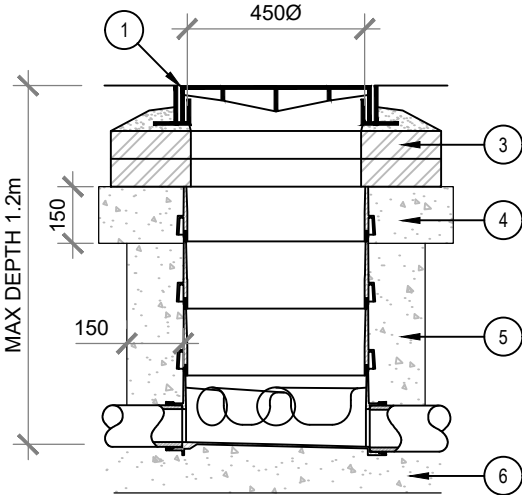


- COVER & FRAME TO BS EN 124 GRADE B125 UNLESS STATE OTHERWISE.
- FOR DEPTHS GREATER THAN 1.2m, USE RESTRICTOR CAP WITH 350mm OPENING AND SEALING RING
- TWO COURSES OF ENGINEERING BRICKWORK TO BE USED IN TRAFFICKED AREAS.
- 150mm DEEP ST2 CONCRETE COLLAR TO MANHOLE COVER AND FRAME TO BE USED IN TRAFFICKED AREAS. WIDTH OF CONCRETE COLLAR VARIES DEPENDING ON COVER INSTALLATION.
- 150mm ST2 CONCRETE SURROUND IN VEHICULAR AREAS, GRANULAR SURROUND ELSEWHERE.
- 150mm ST2 CONCRETE BED SURROUND IN VEHICULAR AREAS, GRANULAR SURROUND ELSEWHERE.

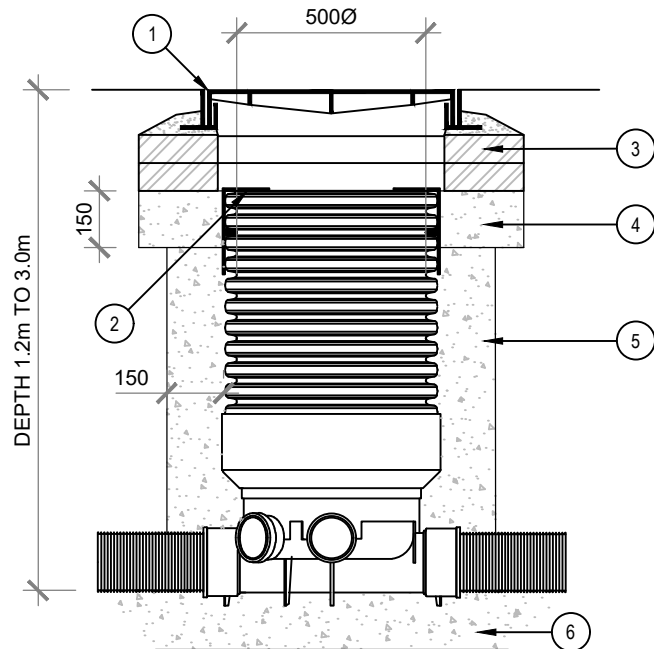
REFER TO MANUFACTURERS (WAVIN OSMO OR SIMILAR) INSTALLATION GUIDANCE FOR THE FULL RANGE OF CONSTRUCTION DETAILS, PARTS SPECIFICATIONS AND COVER OPTIONS.



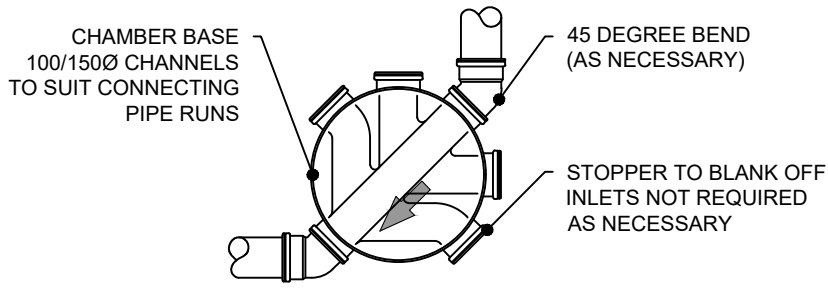
SHALLOW INSPECTION CHAMBER
(Maximum Depth 0.6m)



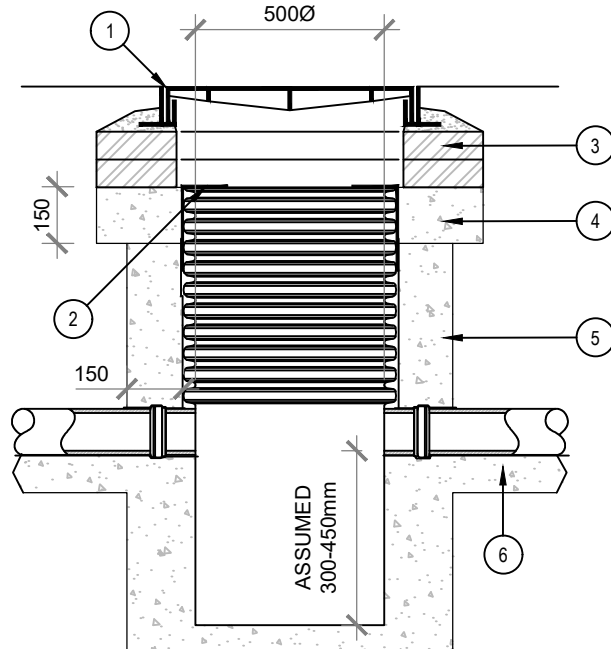
UNIVERSAL INSPECTION CHAMBER
(Maximum Depth 1.2m)



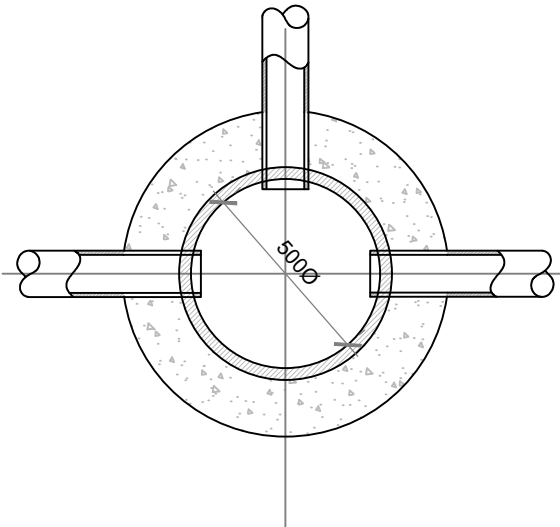
NON-ENTRY INSPECTION CHAMBER
(Maximum Depth 3.0m)



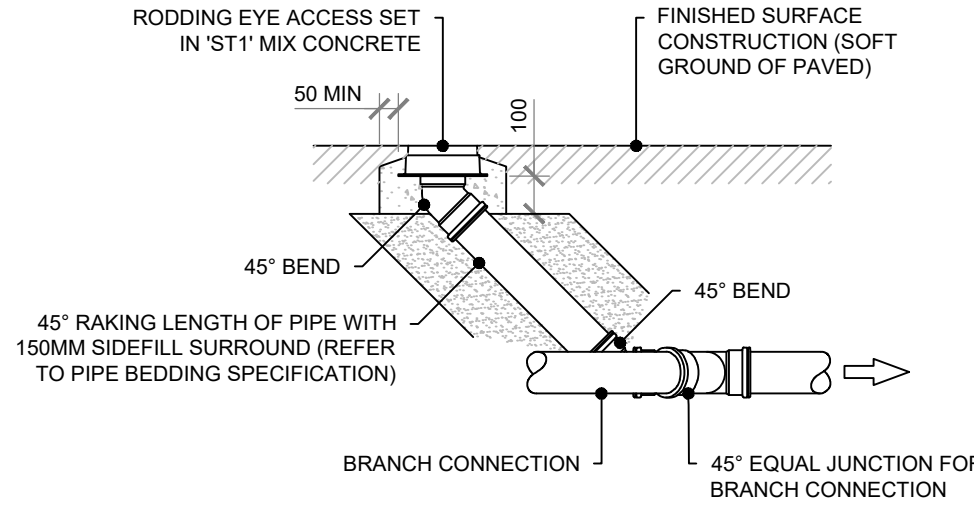
TYPICAL INSPECTION CHAMBER BASE PLAN



SILT TRAP INSPECTION CHAMBER

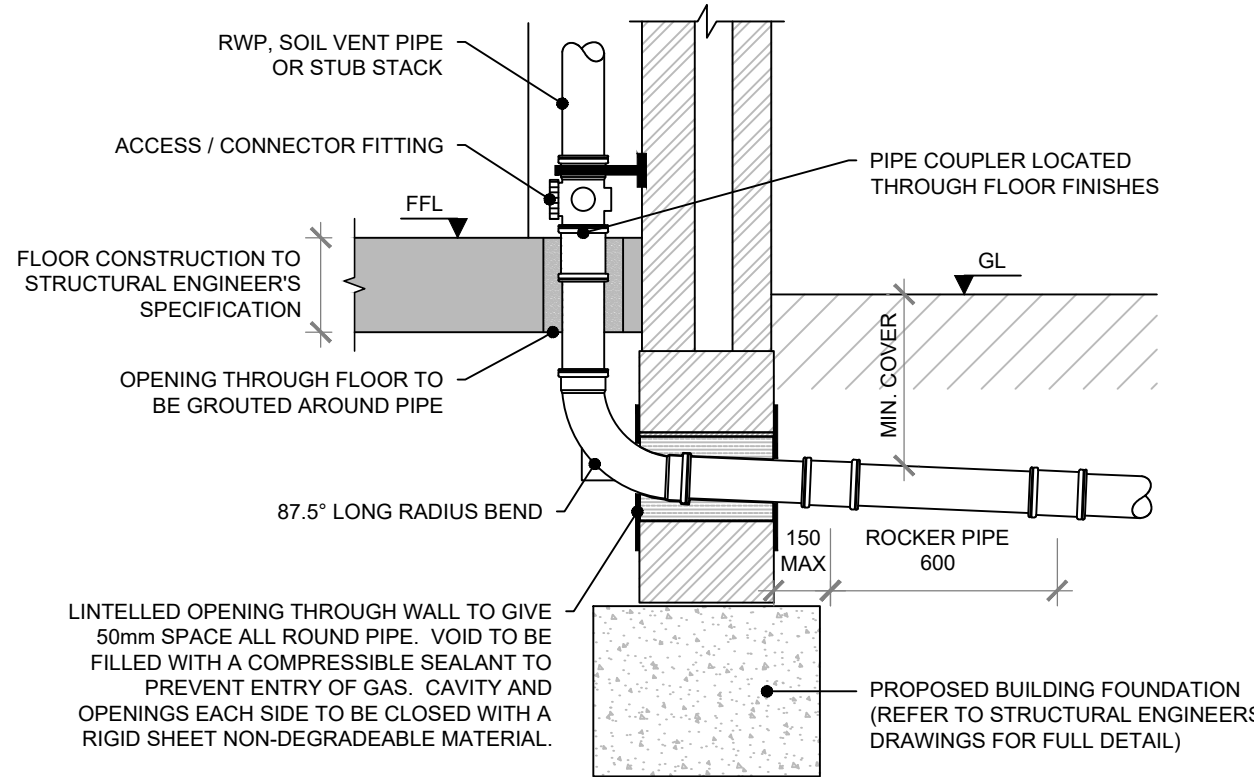


TYPICAL SILT TRAP CHAMBER BASE PLAN

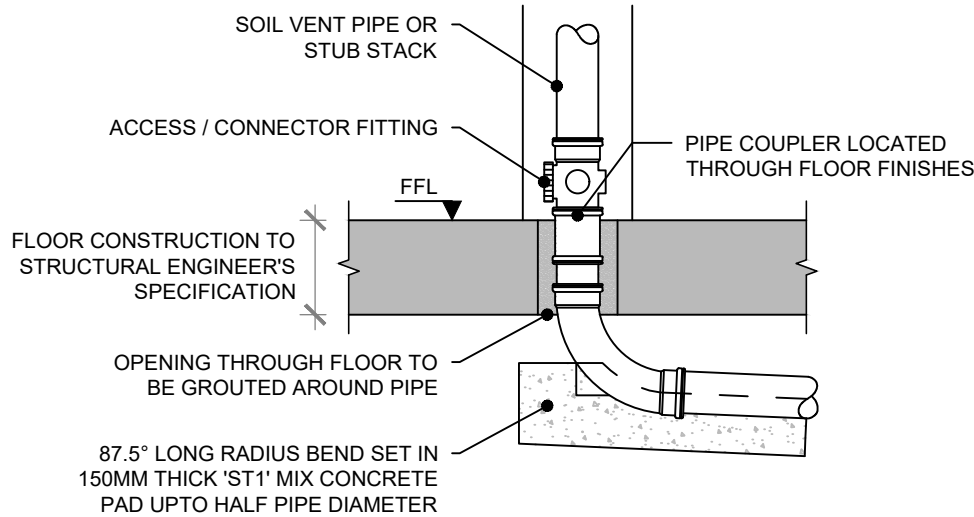


TYPICAL RODDING EYE DETAIL
SCALE 1:20

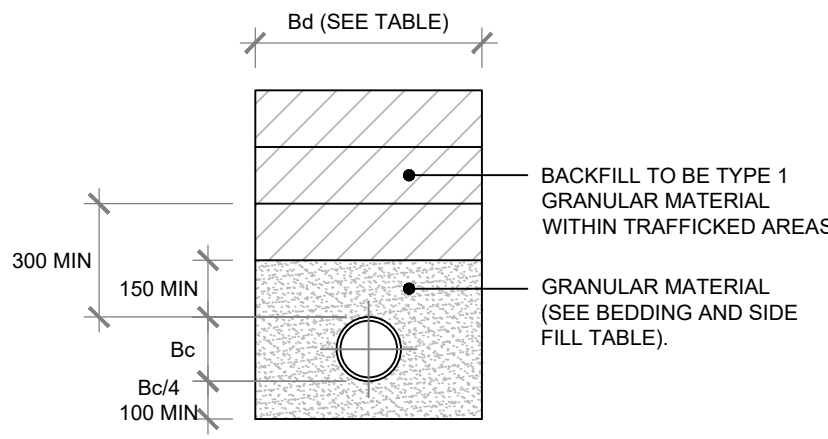
TYPICAL DETAILS FOR INSPECTION CHAMBERS
SCALE NTS



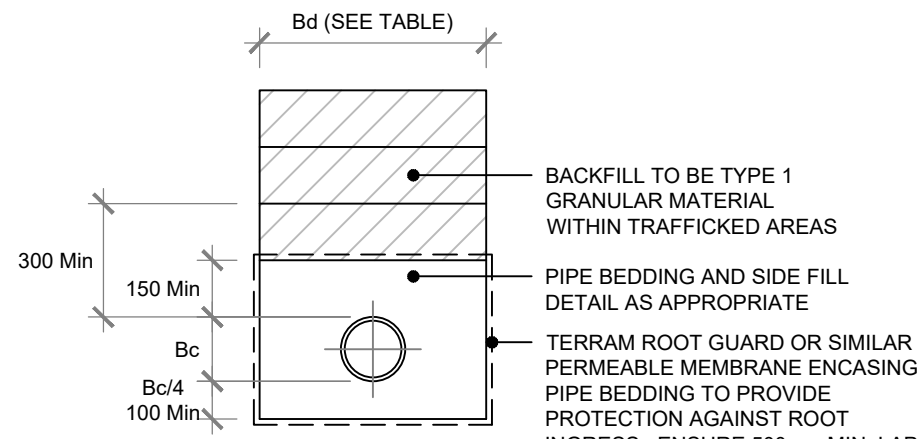
TYPICAL CONNECTION TO INTERNAL SOIL VENT PIPE
SCALE 1:20



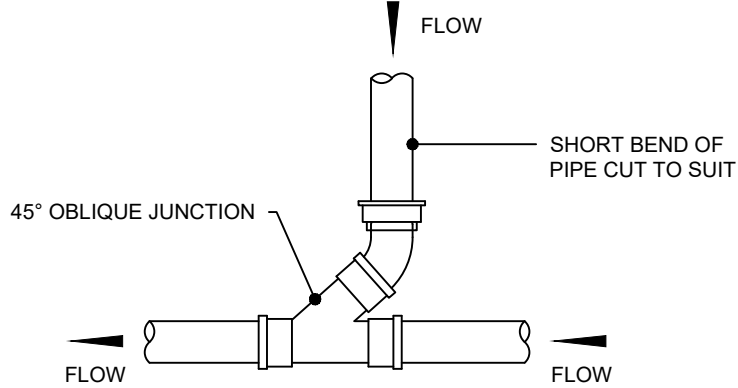
TYPICAL CONNECTION TO INTERNAL SOIL VENT PIPE
SCALE 1:20



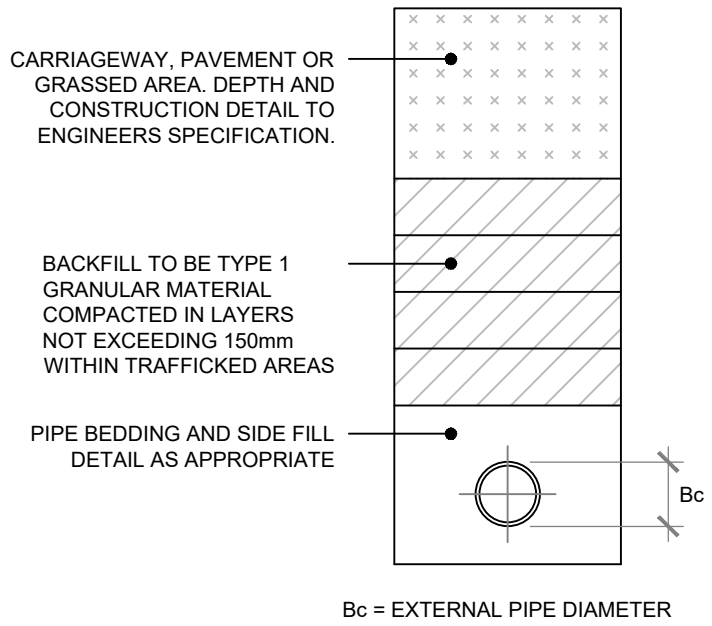
TYPE S



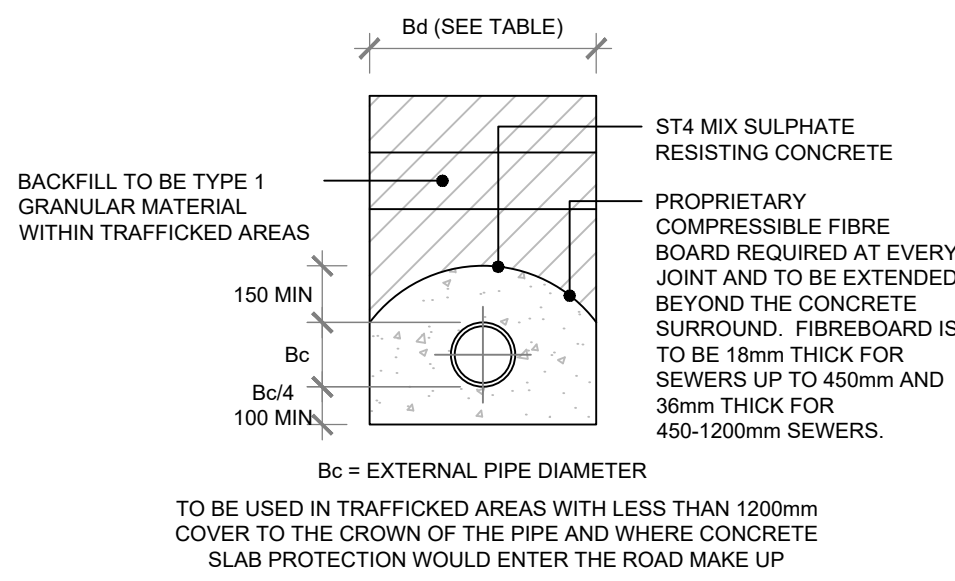
ROOT GUARD PROTECTION



INCOMING CONNECTION TO MAIN RUN
SCALE NTS



PIPE BACKFILL DETAIL



TYPE Z1

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

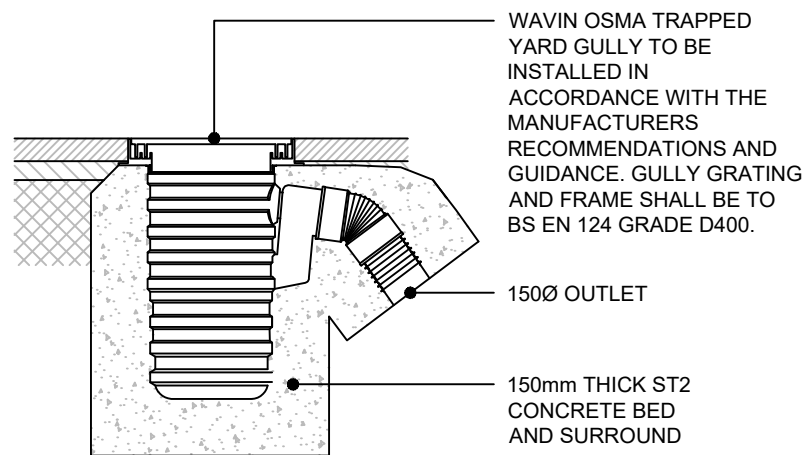
GRANULAR PIPE BEDDING AND SIDE FILL MATERIAL SHALL CONSIST OF AGGREGATES FROM NATURAL SOURCES OR SINTERED PULVERIZED-FUEL ASH COMPLYING WITH THE RELEVANT PROVISIONS OF BS 882 AND BS 3797, PART 2 RESPECTIVELY, SIZED IN ACCORDANCE WITH THE TABLE ABOVE.

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



TYPICAL PRIVATE GULLY DETAIL
SCALE 1:20

DESIGN NOTES

- Refer to BLI Consulting Engineers Ltd Drawing No. BLI.2025.90-C-01 for full Design Notes.