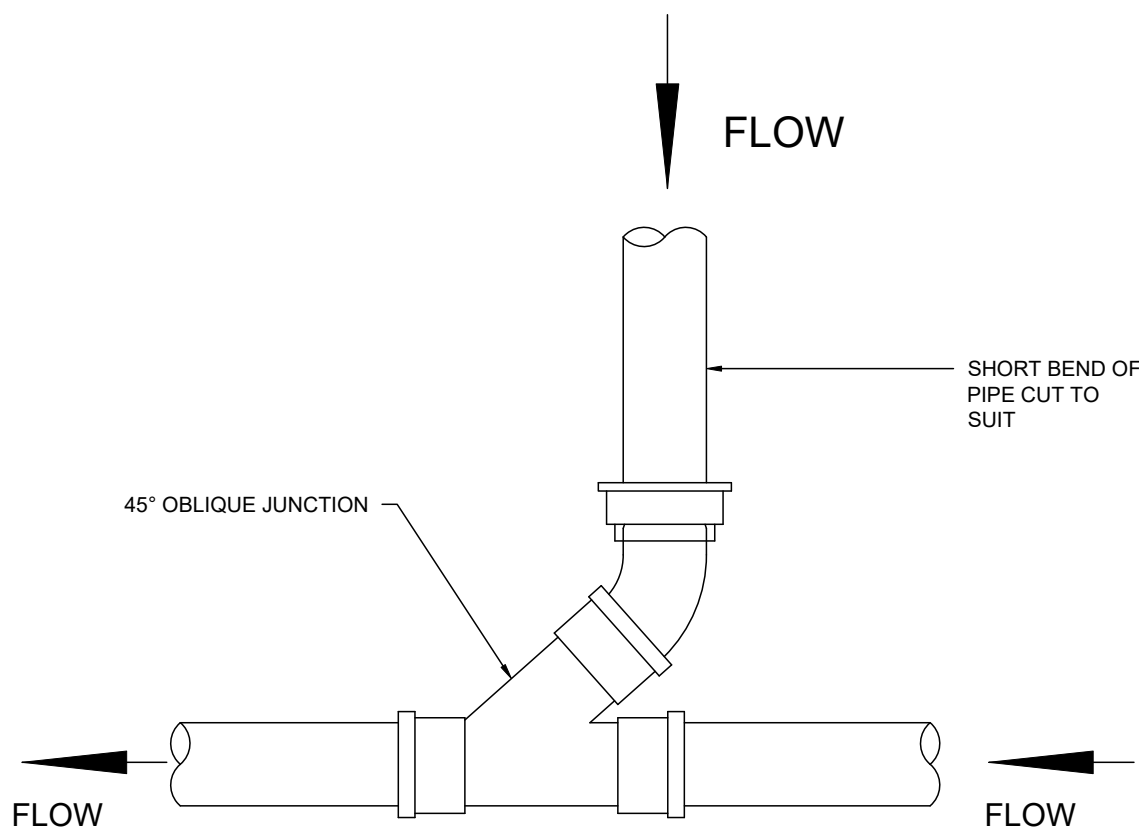
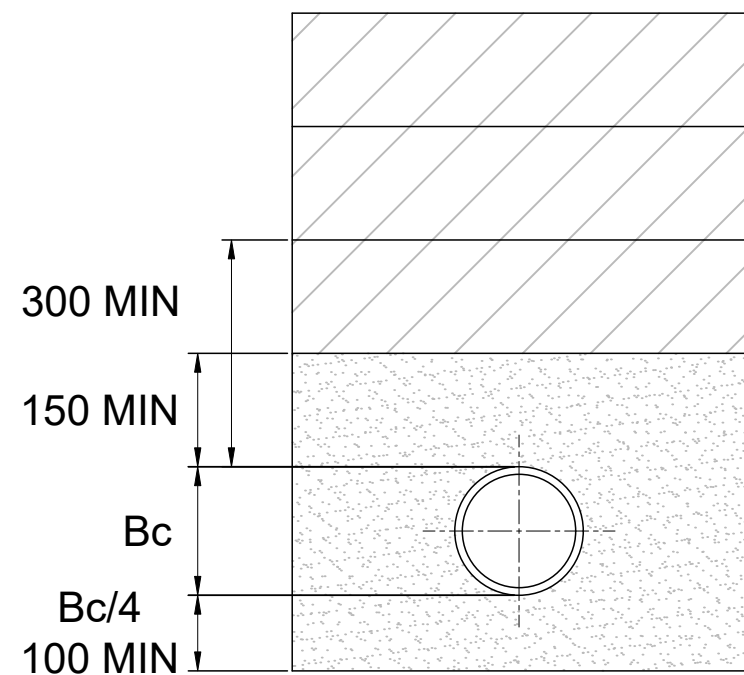


**TYPICAL INSPECTION CHAMBER BASE PLAN**  
SCALE 1:10  
PRE-FORMED PLASTIC INSPECTION CHAMBER BASE INDICATED



**INCOMING CONNECTION TO MAIN RUN**  
SCALE 1:10



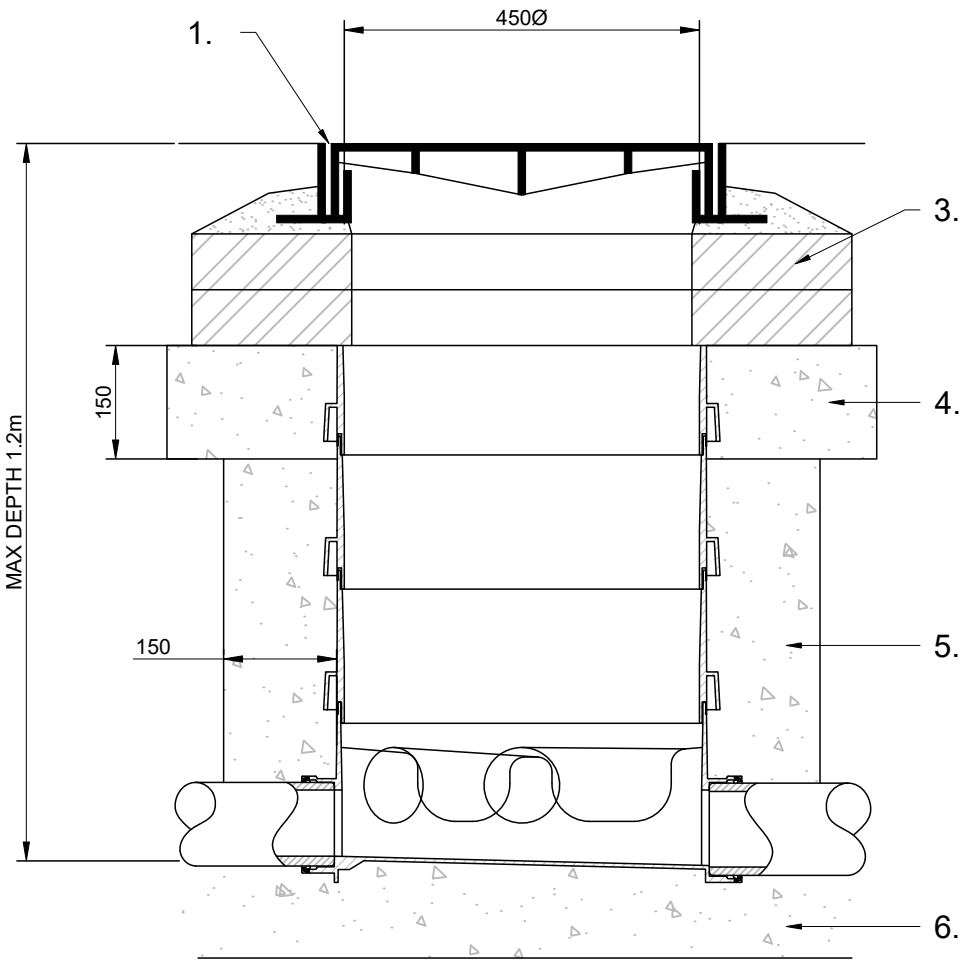
Bc = EXTERNAL PIPE DIAMETER

TO BE USED IN TRAFFICKED AREAS WITH MORE  
THAN 1200mm COVER TO THE CROWN OF THE  
PIPE, AND UN-TRAFFICKED AREAS GENERALLY

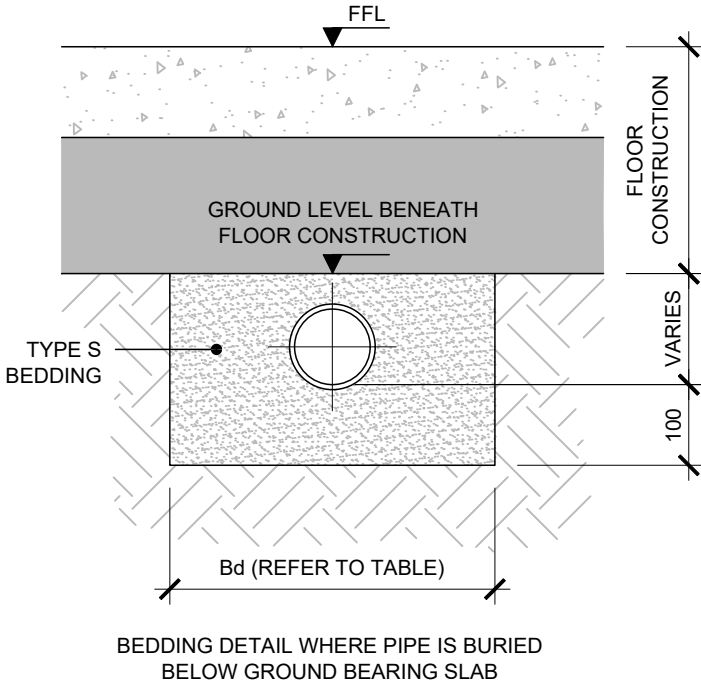
**TYPE S**

- COVER & FRAME TO BS EN 124 GRADE B125 UNLESS STATED 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 (WAVN OSMA OR SIMILAR)  
INSTALLATION GUIDANCE FOR THE FULL RANGE OF  
CONSTRUCTION DETAILS, PARTS SPECIFICATIONS AND COVER  
OPTIONS.



**UNIVERSAL INSPECTION CHAMBER  
TYPE 2  
(Maximum Depth 1.2m)**



**PIPE BEDDING DETAILS BELOW  
FLOOR CONSTRUCTION**  
SCALE 1:10



**GENERAL NOTES**

- DO NOT SCALE FROM THIS DRAWING, ONLY FIGURED DIMENSIONS ARE TO BE USED.
- ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWINGS BY THE PROJECT ARCHITECT, BUILDING SERVICES ENGINEER, AND ANY OTHER CONSULTANTS WHOSE INFORMATION RELATES TO THE INFORMATION SHOWN HERE. ANY DISCREPANCY OR CONFLICT WITH INFORMATION BY OTHERS IS TO BE NOTIFIED TO THE ENGINEER PRIOR TO ANY WORKS PROCEEDING.
- ANY INFORMATION INDICATED AS 'ASSUMED' REQUIRES CONFIRMATION AT A LATER STAGE

**PROJECT SPECIFIC NOTES**

- ALL NEW CONNECTIONS SUBJECT TO SECTION 106 APPROVAL (INDIRECT CONNECTIONS) BY THAMES WATER
- ALL PRIVATE DRAINAGE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH BUILDING REGULATIONS PART H.
- ALL ADOPTABLE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH 'SEWERS FOR ADOPTION' - LATEST EDITION.
- THRESHOLD DRAIN TYPE TO SUIT LANDSCAPE ARCHITECT'S REQUIREMENTS (SLOT, CHANNEL ETC.)
- ALL FOUL WATER PIPES TO BE 100mm DIAMETER, LAID AT A MINIMUM GRADIENT OF 1 IN 40 U.O.N.
- ALL SURFACE WATER PIPES TO BE 100mm DIAMETER, LAID AT A MINIMUM GRADIENT OF 1 IN 100 U.O.N.
- THE FOLLOWING PIPE MATERIALS ARE ACCEPTABLE FOR ALL BELOW GROUND DRAINAGE APPLICATIONS UNO:
  - CLASS 160 OR CLASS 200 VITRIFIED CLAY TO SSG CL E2.18. (RIGID)
  - CONCRETE PIPES TO SSG CL E2.19 WITH SPIGOT AND SOCKET JOINT AND A DESIGN CHEMICAL CLASS DC-4. (RIGID)
  - DUCTILE IRON PIPES TO SSG CL E2.20 (RIGID)
  - THERMOPLASTIC STRUCTURED WALL PIPE TO SSG CL E2.21. (FLEXIBLE)
- THE FOLLOWING PIPE MATERIALS ARE ALSO ACCEPTABLE BELOW SLAB UNO:
  - CAST IRON TO BS 416 AND BS EN 877 (RIGID)
  - PVC-U TO BS EN 1329 (FLEXIBLE)
  - PVC-C TO BS EN 1566 (FLEXIBLE)
  - POLYPROPYLENE TO BS EN 1451 (FLEXIBLE)
- ALL EXCAVATIONS AND BACKFILLING FOR DRAINAGE INFRASTRUCTURE SHALL BE UNDERTAKEN IN ACCORDANCE WITH SSG CLAUSE E3.
- CONSTRUCTION OF BELOW GROUND GRAVITY SEWERS AND RISING MAINS (INCLUDING BEDDING AND SURROUND) SHALL BE UNDERTAKEN IN ACCORDANCE WITH SSG CLAUSE E5.
- ALL CONSTRUCTED DRAINS SHALL BE CLEANSED AND TESTED IN ACCORDANCE WITH SSG CLAUSE E7.
- ALL CONCRETE SHALL COMPLY WITH BRE SPECIAL DIGEST 1.

T1	ISSUED FOR TENDER	24/03/2025	MW
REV	DESCRIPTION	DATE	ISSUED BY

**ae** | articulate  
engineering

PROJECT NUMBER

24.111

PROJECT NAME

**STACEY BUSHES MEETING PLACE**

DRAWING NUMBER

24.111-AEL-XX-XX-DR-C-3000

DRAWING TITLE

**PROPOSED BELOW  
GROUND DRAINAGE PLAN**

DRAWING STATUS

TENDER

CLIENT

**WOLVERTON AND GREENLEYS TOWN  
COUNCIL**

REVISION	SCALE
T1	1:100 AT A1
DRAWN BY	CHECKED BY
MW	MW