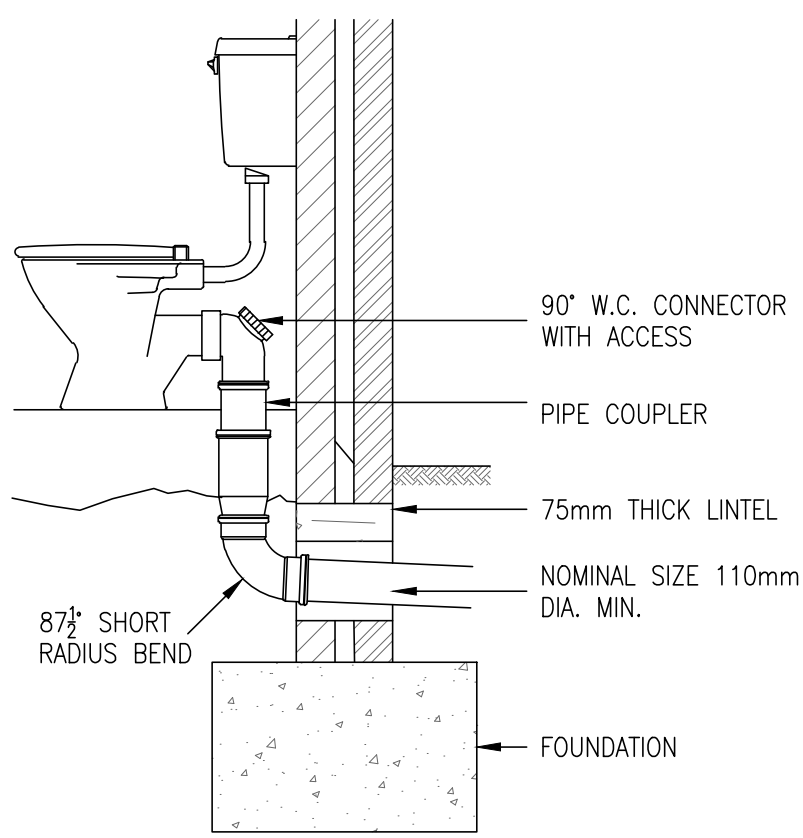
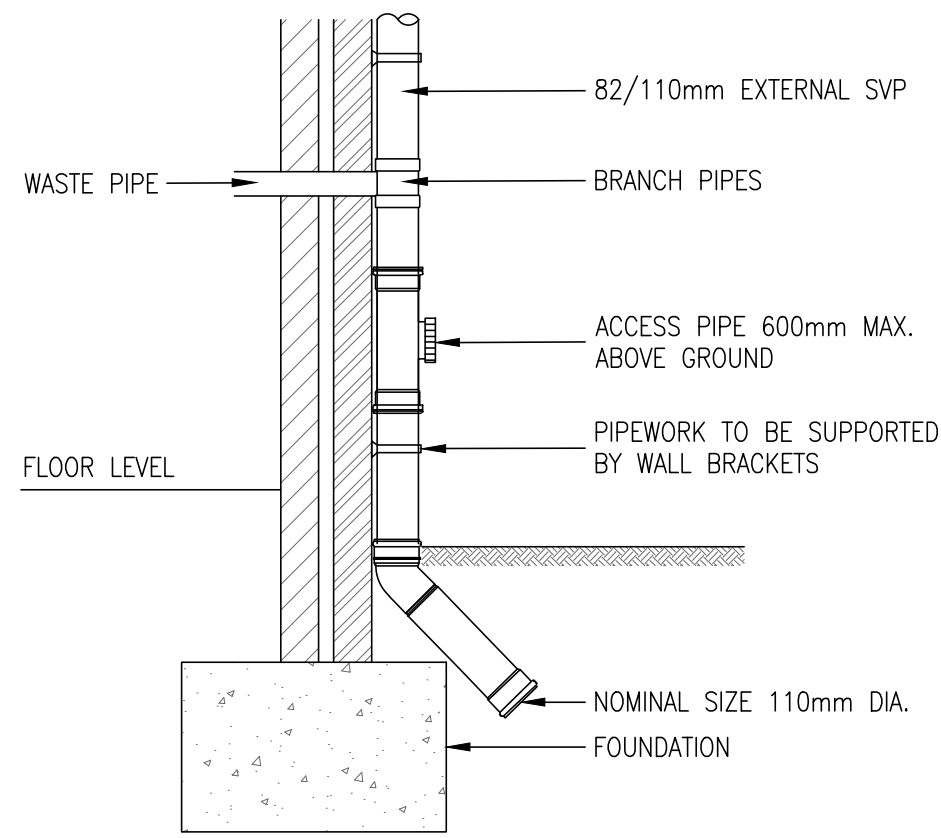
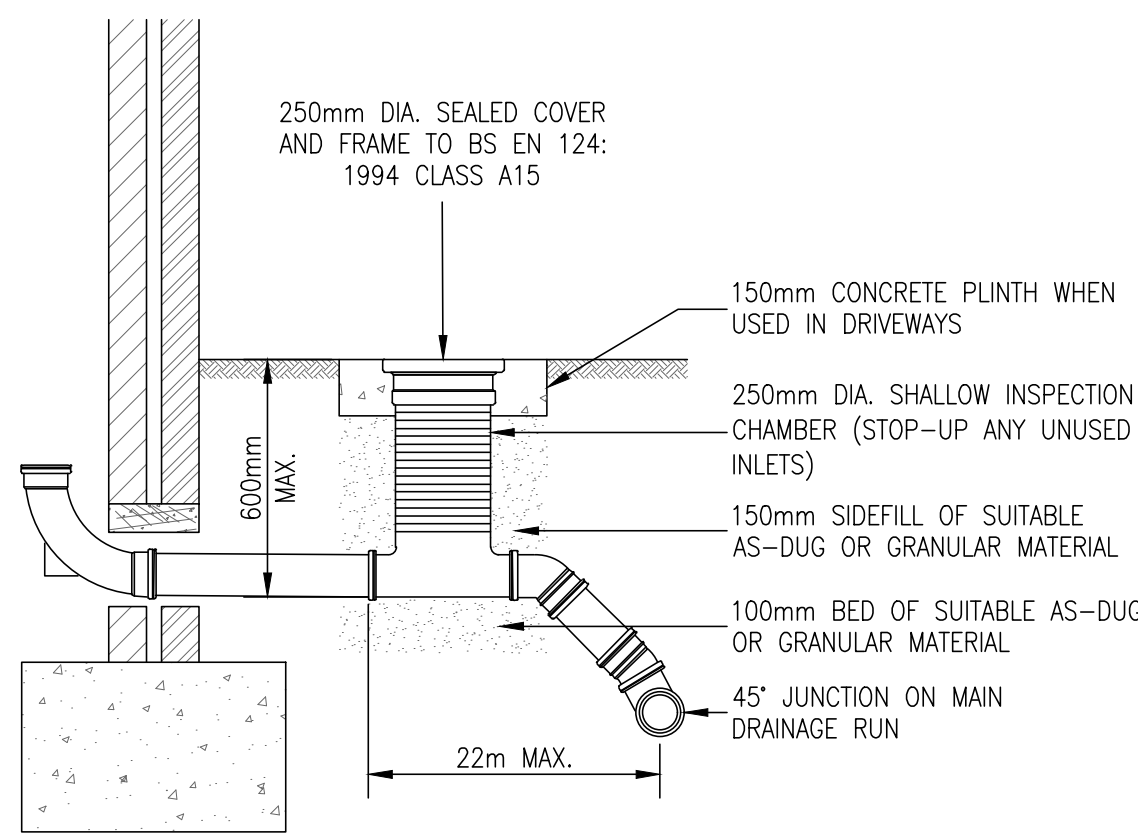




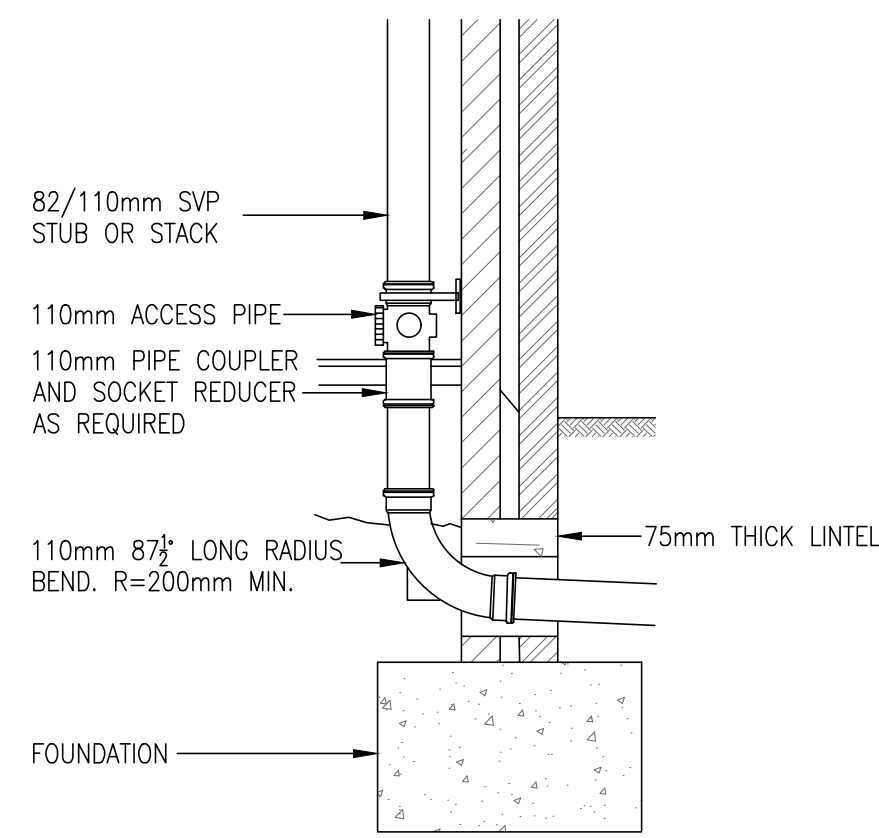
W.C. DIRECT TO DRAIN



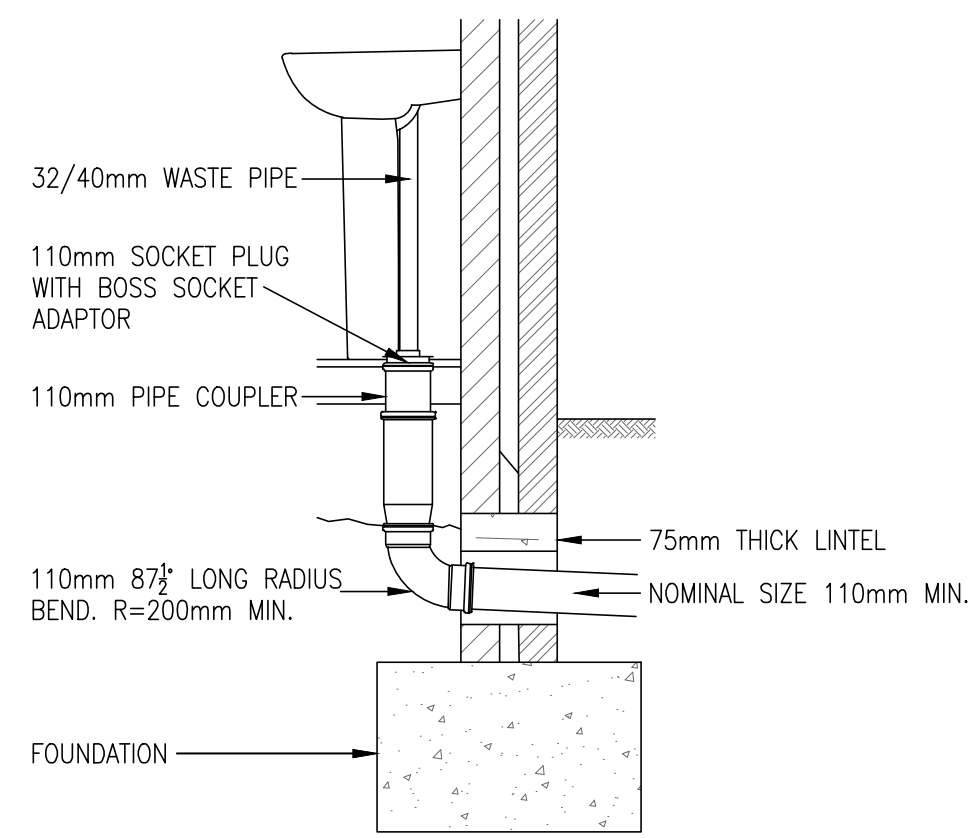
EXTERNAL SOIL STACK



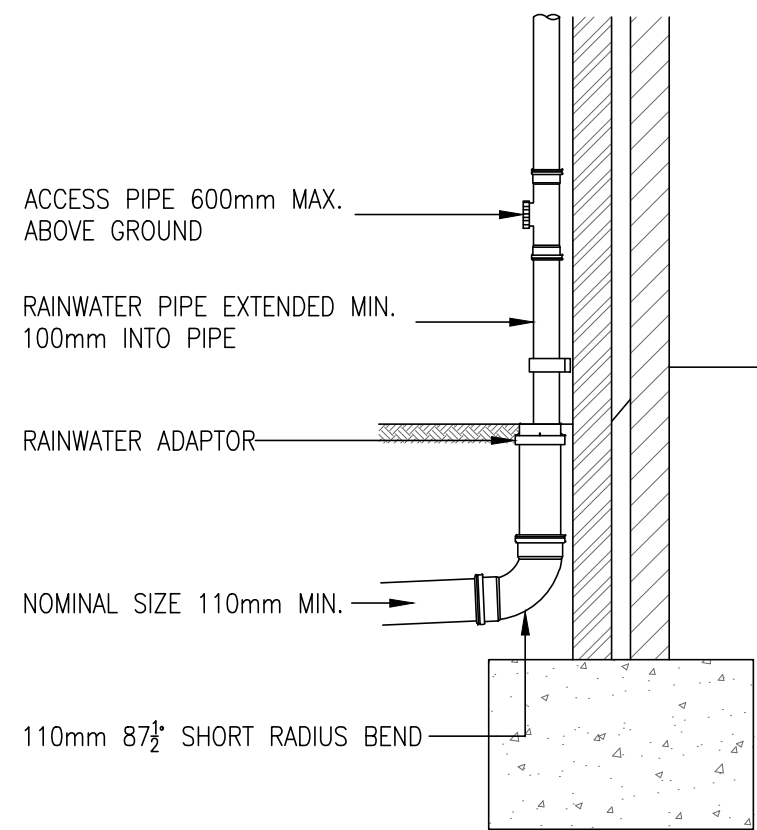
SHALLOW INSPECTION CHAMBER
(FOR USE IN SOFT AREAS AND DRIVEWAYS ONLY)



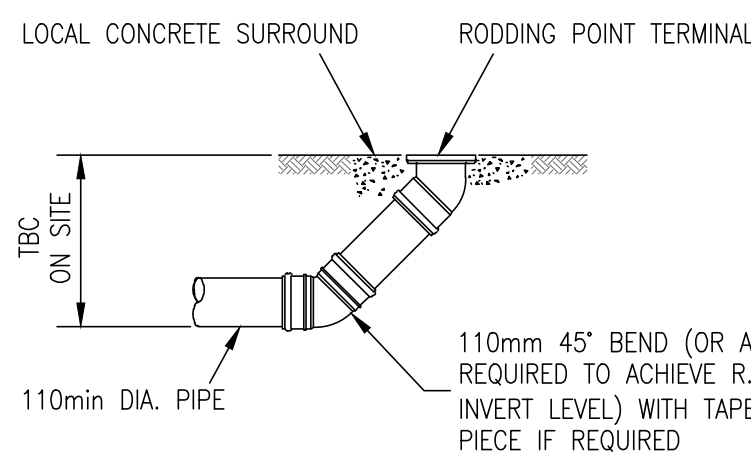
SOIL AND VENT PIPE CONNECTION
AND STUB STACK CONNECTION



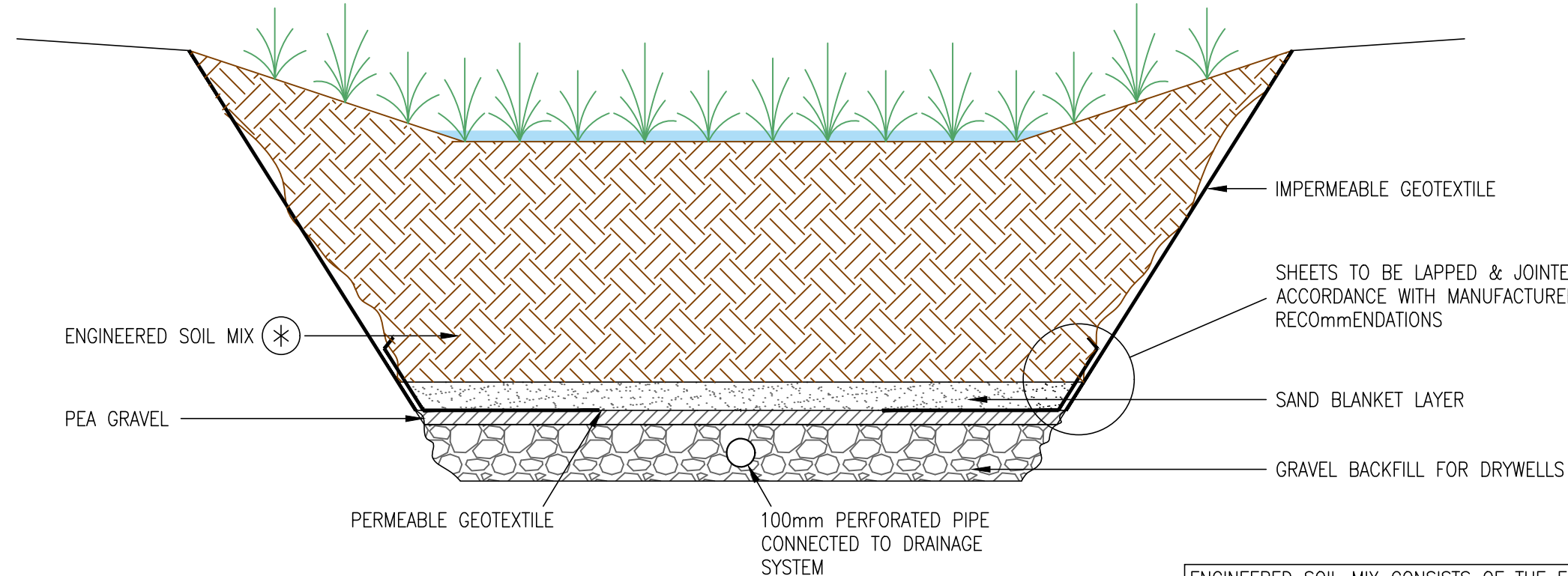
INTERNAL WASTE PIPE CONNECTION



EXTERNAL RWP TO DRAIN

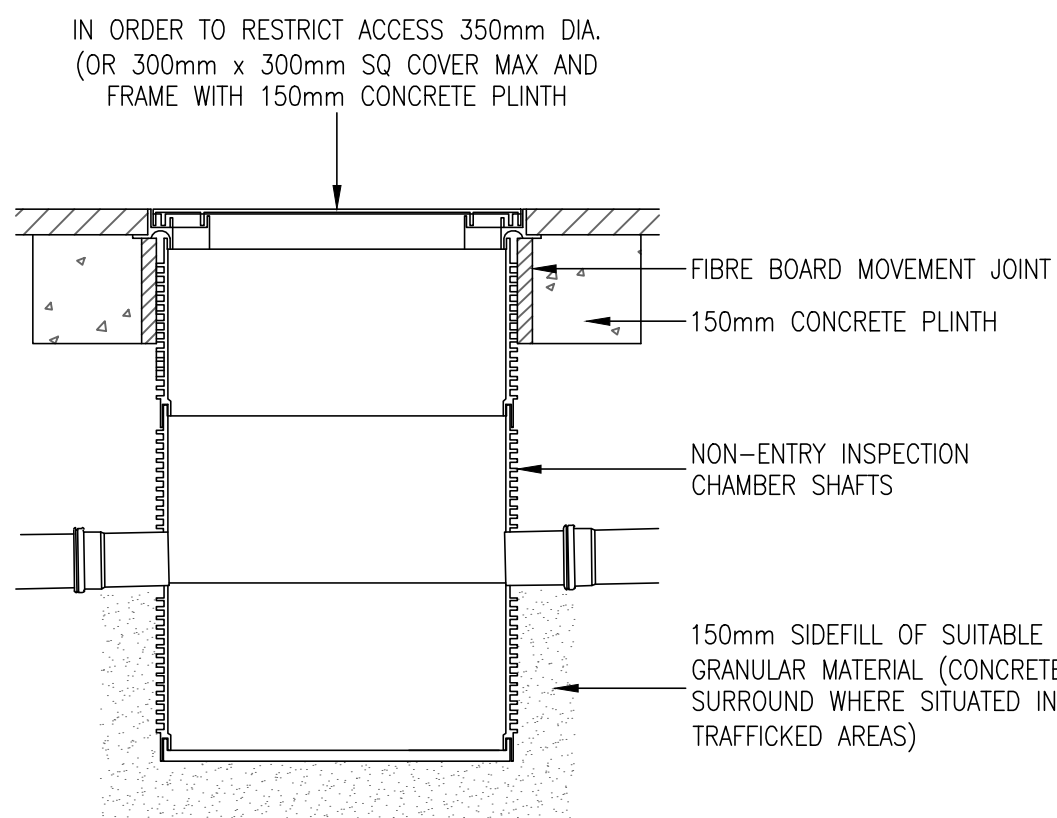


RODDING EYE DETAIL

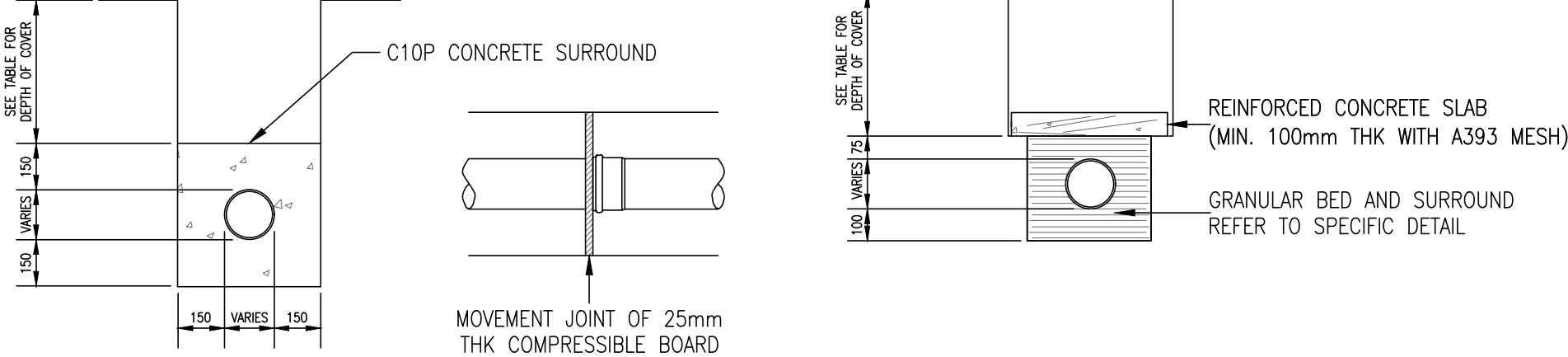


TYPICAL RAINWATER GARDEN DETAIL

ENGINEERED SOIL MIX CONSISTS OF THE FOLLOWING:
* 50% MEDIUM-COARSE SAND
* 25% NON-PEAT BASED COMPOST
* 25% HIGH GRADE TOPSOIL

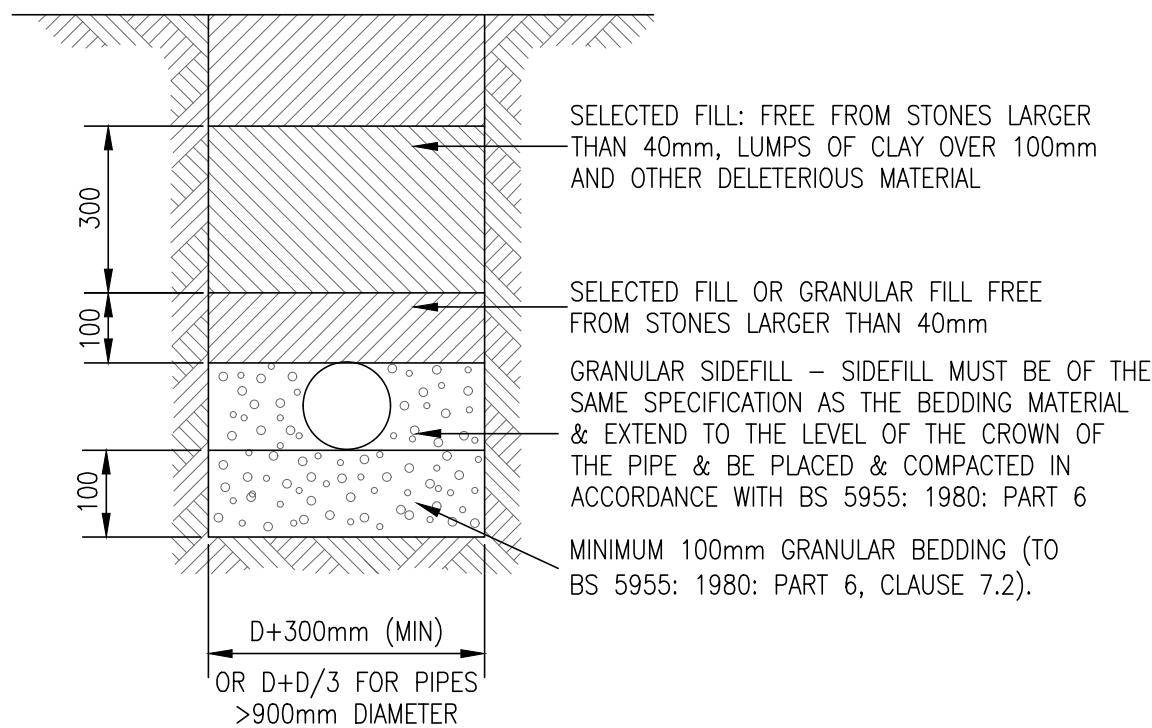


TYPICAL CATCHPIT

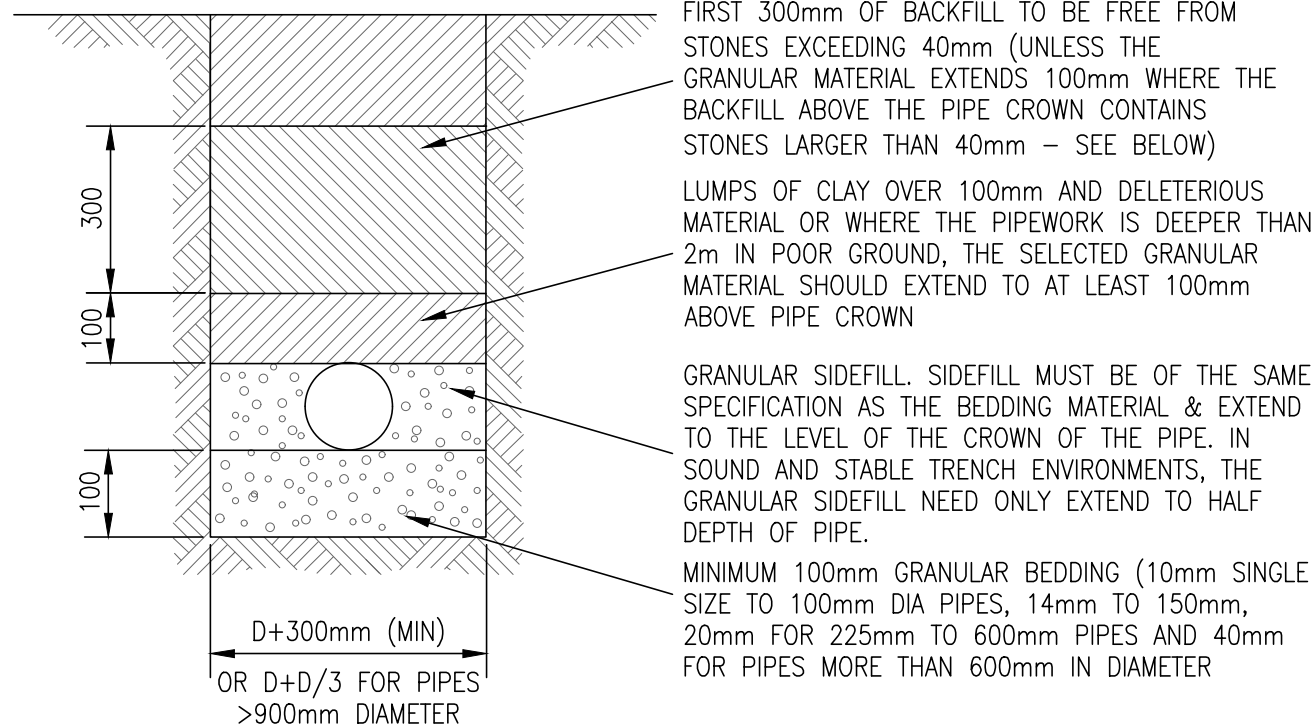


DEPTHS OF COVER REQUIRING SPECIAL PROTECTION
LESS THAN 600mm — GARDENS & GRASSED AREAS
LESS THAN 900mm — ROADS, DRIVES & PARKING AREAS

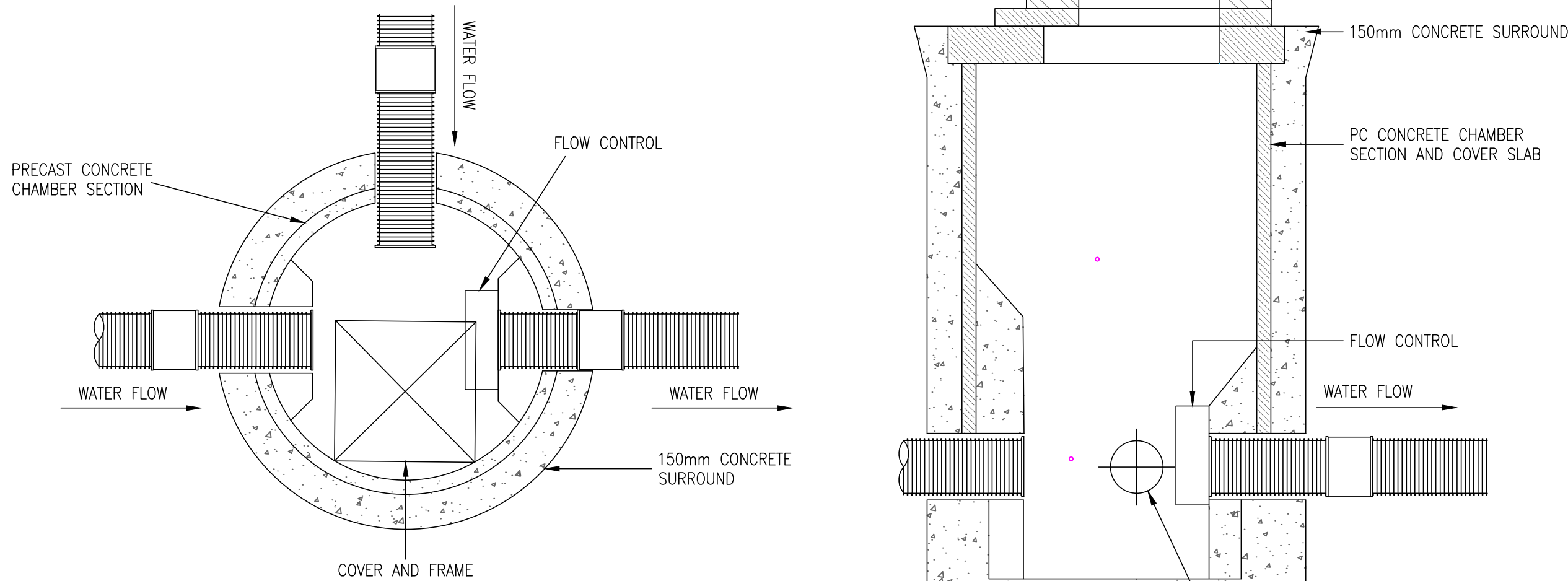
SPECIAL PROTECTION-GROUND LOADS
(H1. DIAG's 11 & 12)



BEDDING DETAIL FOR uPVC PIPES



CLASS B: BEDDING FACTOR 1.9
FOR USE WITH CONCRETE & CLAY PIPES



PLAN

SECTION

TYPICAL FLOW CONTROL DETAILS

DO NOT SCALE

GENERAL NOTES:

1. DRAINAGE DESIGN AND CONSTRUCTION TO BE IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION AND THE REQUIREMENTS OF THE STATUTORY UNDERTAKER.
2. 100mm DIAMETER PLASTIC PIPE SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 1401-1, BS EN 1852 AND BS EN 12666-1. THERMOPLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 13598-2 AND BE KITE MARKED.
3. ALL PIPES RUNNING THROUGH WALLS TO HAVE AT LEAST 50mm CLEARANCE ALL ROUND AND THE OPENING MASKED WITH RIGID SHEET MATERIAL.

NOTE:-

FOR MINIMUM MANHOLE DIMENSIONS REFER TABLE 12 ON DRAWING No. HCE-1309-003. ALL DETAILS IN STRICT ACCORDANCE WITH SEWERS FOR ADOPTION 7th EDITION

NOTE:-

FOR LOCATION OF PROPOSED DRAINAGE REFER TO DRAWING No. HCE-1309-002.

NOTE:-

FOR MANHOLE TYPES REFER TO DRAWING No. HCE-1309-003.

REV	DATE	BY	DESCRIPTION	CHK	APPD
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DRAWING STATUS:

HCE
Civil Engineering
Structural Engineering
Structural Surveys
Project Management
Petrochemical

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CLIENT:

URBAN PROPERTY GROUP

ARCHITECT:

HURLEY & DAVIES

PROJECT:

RESIDENTIAL DEVELOPMENT
COMMERCIAL STREET, YSTALYFERA
SWANSEA

TITLE:

DOMESTIC DRAINAGE DETAILS
STANDARD DRAINAGE DETAILS SHEET 2

SCALE @ A1:	N.T.S.	CHECKED:	IH	APPROVED:	IH
CAD FILE:	HCE-1333-004	DESIGN-DRAWN:	WJ	DATE:	JAN 2020
PROJECT No:	1333	DRAWING No:	004	REV:	R01