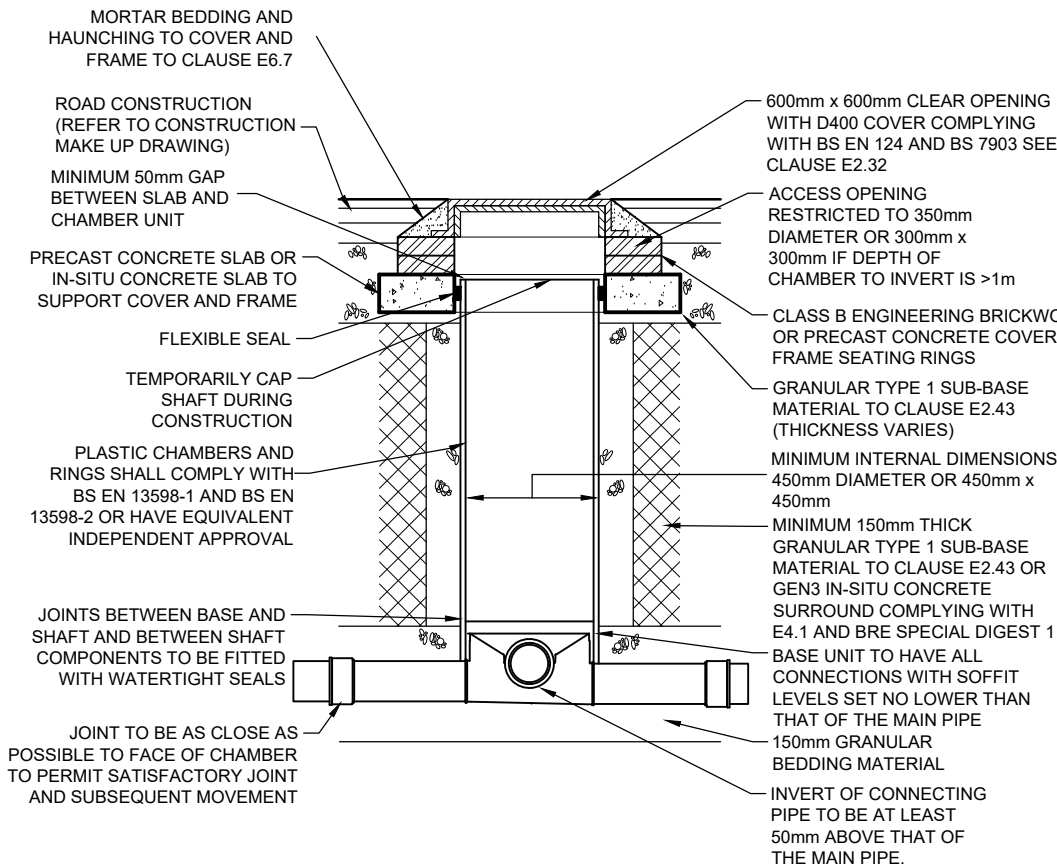
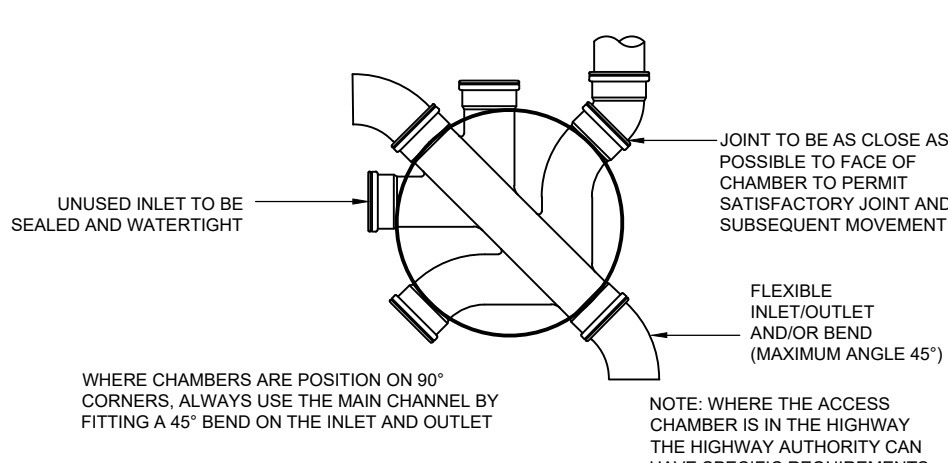
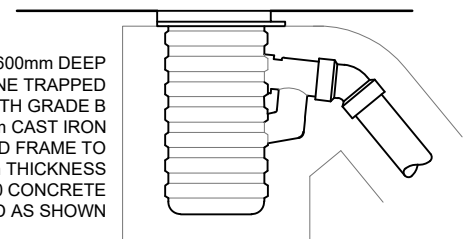
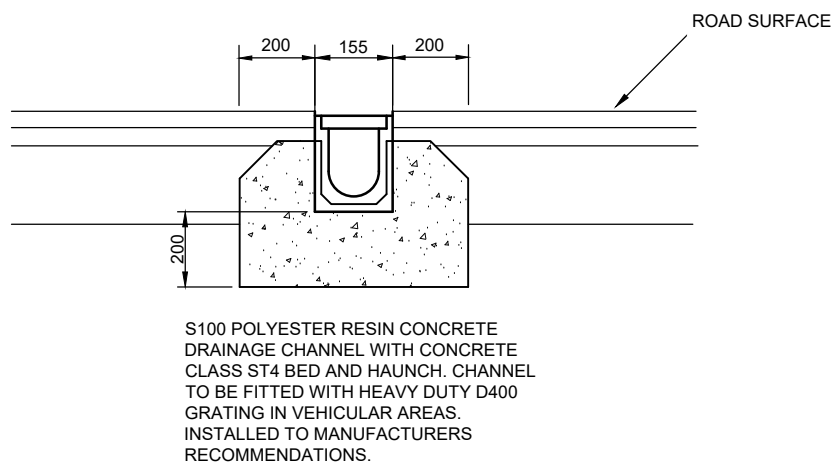
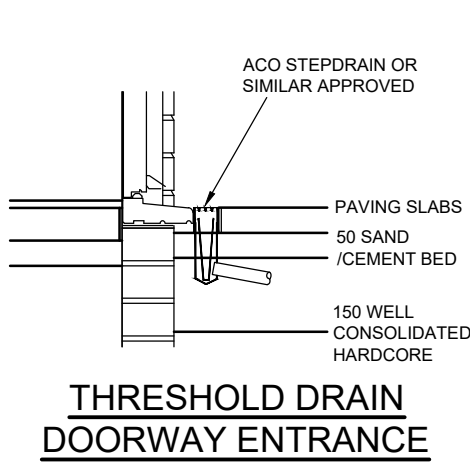
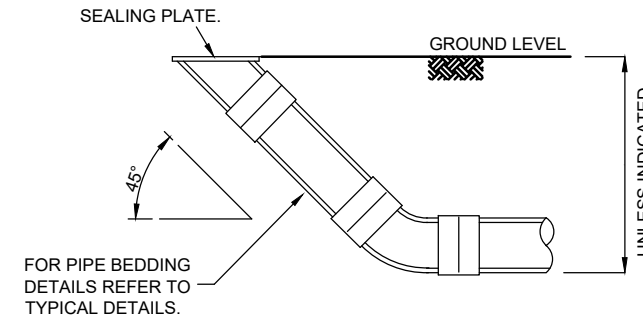
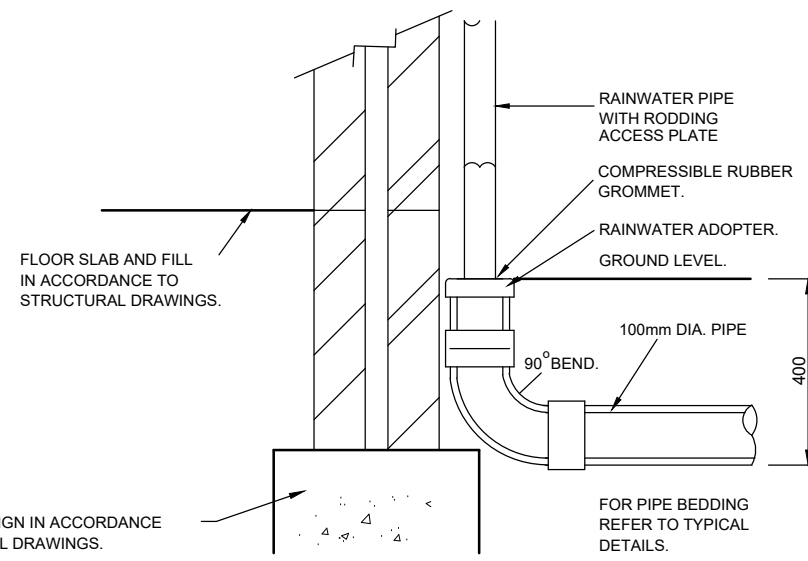
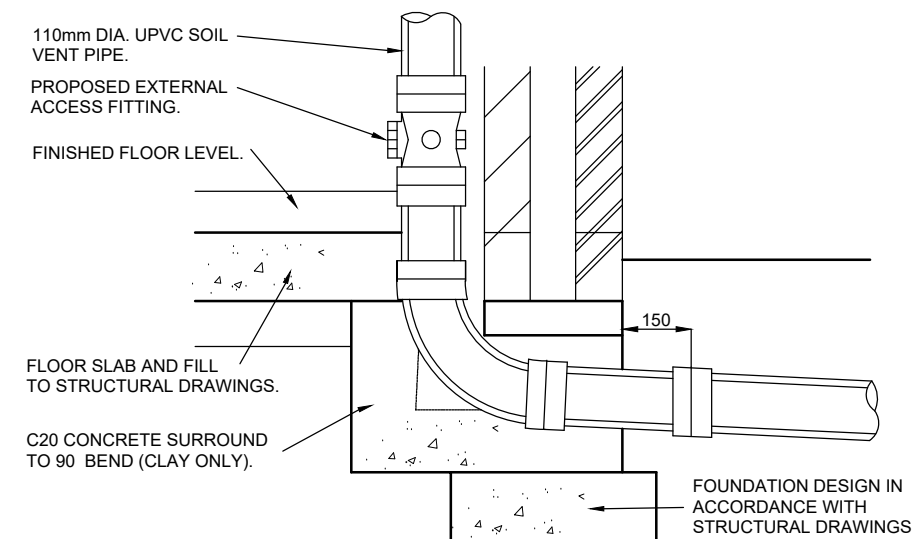
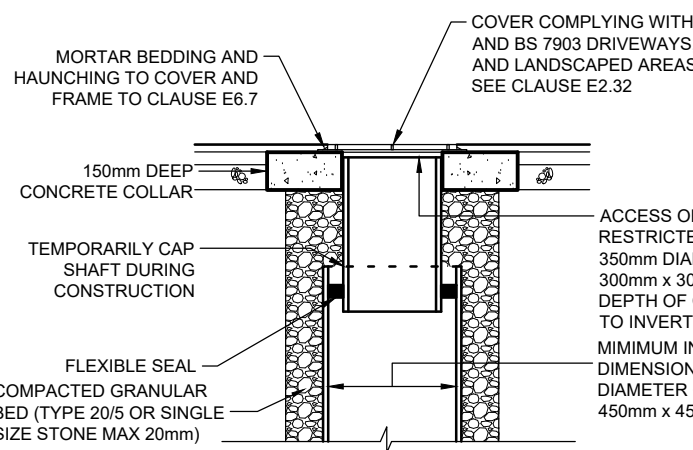
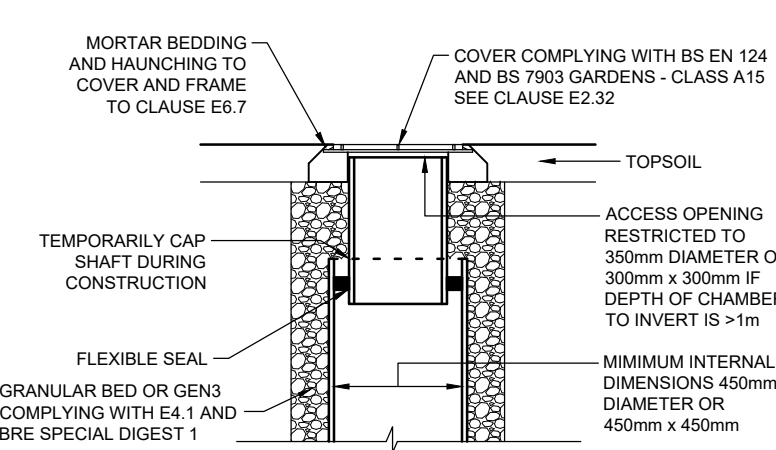




TYPICAL INSPECTION CHAMBER DETAIL - TYPE D
(FLEXIBLE MATERIAL DETAIL) MAXIMUM DEPTH FROM COVER LEVEL TO
SOFFIT OF PIPE IN AREAS SUBJECT TO VEHICLE LOADING 2m, NON-ENTRY



ALTERNATIVE TOP DETAILS FOR DOMESTIC DRIVEWAYS/ FOOTWAYS/
LANDSCAPED AREAS - TYPE D

PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND
BS EN 13598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL

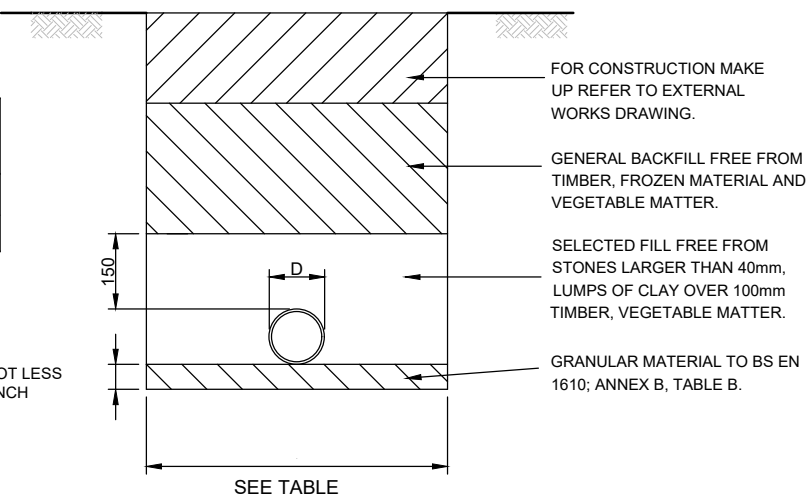
SOIL VENT PIPE CONNECTION

RAINWATER PIPE CONNECTION

RODDING EYE DETAIL

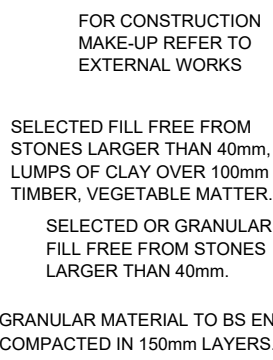
TO BE USED IN PEDESTRAIN AND LANDSCAPED
AREAS NOT SUBJECT TO VEHICULAR LOADING.
MAXIMUM DEPTH TO INVERT 1m.

TRENCH WIDTHS FOR VARIOUS SIZE PIPES					
D	100	150	225	300	375
W	450	600	750	750	900



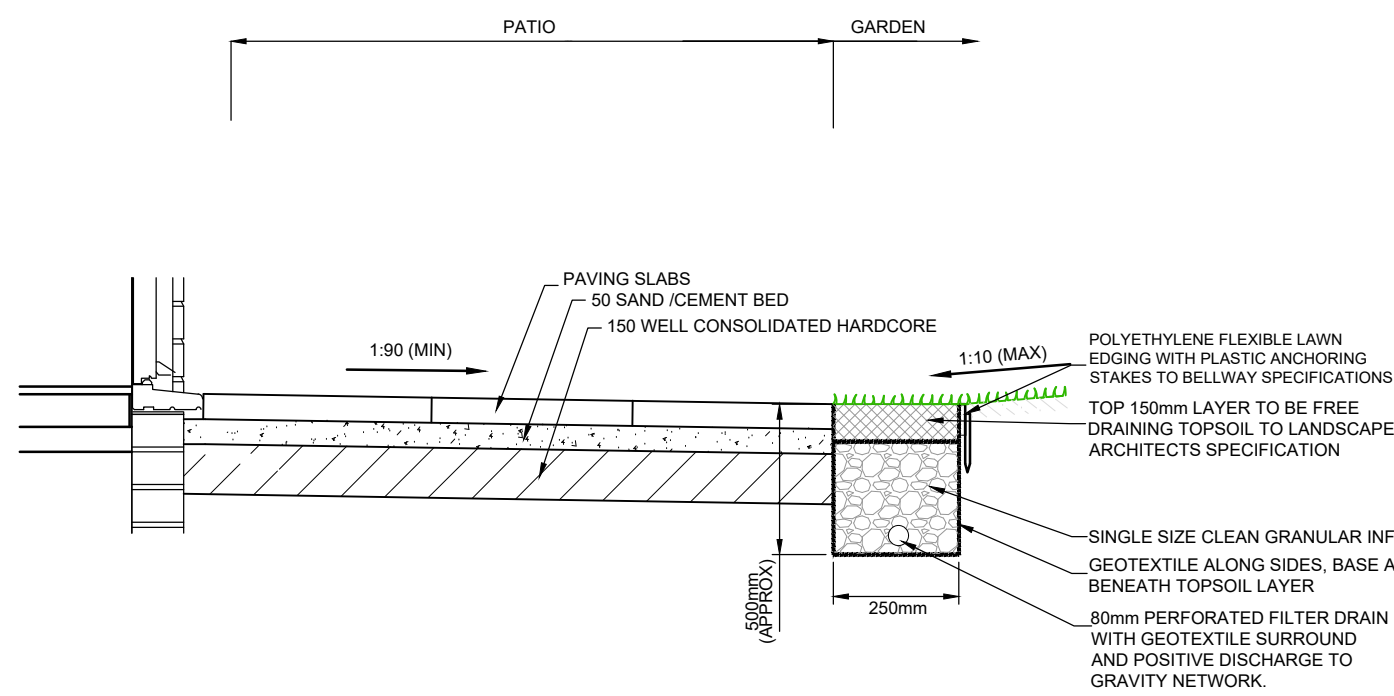
TYPICAL PIPE BEDDING DETAIL:
TYPE 1 (CLAY PIPES) CLASS F

LOCATION: PEDESTRIAN AREAS UP TO 8.0 m DEEP.
VEHICLE AREAS: 1.2 m - 8.0 m (100mm DIA. PIPE),
1.2 m - 8 m (150mm DIA. PIPE).



TYPICAL PIPE BEDDING DETAIL:
TYPE 3 (UPVC PIPES)

LOCATION: PEDESTRIAN AREAS: 0.6 m - 8.0 m DEEP.
VEHICLE AREAS: 1.2 m - 8.0 m DEEP.

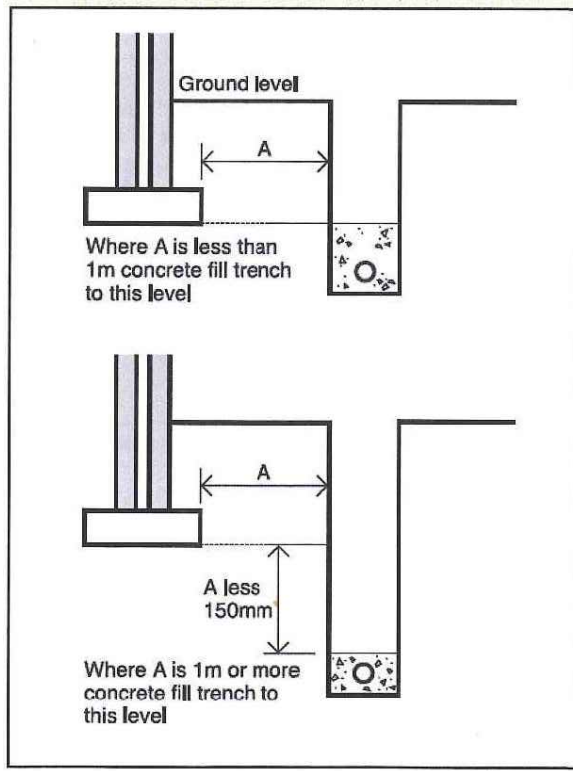


REAR TYPICAL GARDEN / PATIO DRAIN SECTION - N.T.S.

NOTES

- DO NOT SCALE FROM THIS DRAWINGS, REFER TO FIGURED DIMENSIONS ONLY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS ISSUED BY THE ARCHITECT AND ENGINEER. NHBC STANDARDS, HAMPSHIRE COUNTY COUNCIL STANDARDS AND DEVELOPERS STANDARDS.
- IF THERE IS ANY AMBIGUITY BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER.
- ANY SOFT SPOTS ARE TO BE REMOVED AND REPLACED WITH TYPE 1 OR MATERIAL APPROVED BY THE ENGINEER.
- NAME, ADDRESS AND CONTACT OF MATERIAL SUPPLIERS BATHING PLANT SHALL BE PROVIDED TO THE CLIENT FOR APPROVAL.
- COPIES OF ORDER SHALL BE MADE AVAILABLE TO THE CLIENT.
- COPIES OF DELIVERY TICKETS AND RECORDS OF WHERE MATERIALS ARE LAID.
- CERTIFICATION SHALL BE PROVIDED OF DELIVERY TEMPERATURES AND ROLLING TEMPERATURES.
- DIP MEASUREMENTS FOR THICKNESS OF SURFACING COURSE SHALL BE MADE AVAILABLE TO SITE MANAGER.
- WITH SUB-BASE MATERIAL PARTICULAR ATTENTION SHALL BE PAID TO PLANTING AND COMPACTING TO ACHIEVE MAXIMUM DENSITY.
- IF APPROVED GRADED HARDCORE IS EMPLOYED IT SHALL BE BLINDED WITH TYPE 1 OR TYPE 2 MATERIAL PRIOR TO THE LAYING COURSE IN ORDER TO PROVIDE A WELL COMPACTED, CLOSED EVEN SURFACE TO THE REQUIRED LEVELS AND FALL.
- WHERE PIPES OF DIFFERENT DIAMETERS ARE BUILT INTO THE MANHOLE, THEY SHOULD BE LAID TO COMMON SOFFIT UNLESS OTHERWISE STATED.
- ALL MORTAR TO BE CLASS 1 UNLESS NOTED OTHERWISE.
- BRICKS TO BE ENGINEERING CLASS B TO BS EN 771-1, LAID IN ENGLISH BOND ON CLASS (i) MORTAR TO CLAUSE 2404, SPECIFICATION FOR HIGHWAY WORKS. ANY OVER EXCAVATION TO BE MADE GOOD.
- CONNECTIONS TO CARRIER DRAINS TO BE BY MEANS OF "Y" JUNCTIONS UNLESS AGREED OTHERWISE.
- FINISH TO INTERNAL CONCRETE TO BE F1 ON FORMED SURFACES OR U2 ON UNFORMED SURFACES.
- ALL TESTING TO BE CARRIED OUT AT THE CONTRACTORS EXPENSE. ALL INSPECTION TO BE IN ACCORDANCE WITH SEWERS FOR ADOPTION SEVENTH EDITION, NHBC AND HAMPSHIRE COUNTY COUNCIL REQUIREMENTS.
- PERMITTED MATERIAL FOR PIPES ARE SHOWN IN PART E, SSG CODES FOR ADOPTION.
- ALL CONCRETE AND CONCRETE PRODUCTS TO BE SULPHATE RESISTING.
- BACKFILLING OF DRAIN TRENCHES ADJACENT TO DWELLINGS OR OTHER STRUCTURES TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H, DIAGRAM 8.

Diagram 8 Pipe runs near buildings



TENDER
ISSUE

Rev	Amendments	Dm	Chk	App	Date

ODYSSEY

Tuscany House
White Hart Lane
Basingstoke
Hampshire RG21 4AF

Telephone: 01256 331144
Fax: 01256 331134
E: info@odysseyconsult.co.uk
W: www.odysseyconsult.co.uk

Job Title
**BOORLEY GARDENS
PHASE 1A, 1B & 1C**

Drawing Title
**PRIVATE DRAINAGE
CONSTRUCTION DETAILS**

Client
Bellway

Scale NTS @A1	Date SEP 22	Designed SG
Drawn AT	Checked SG	Approved RM
Job No 22-190	Drawing No 22-190/013	Rev -