

PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 12598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL. MORTAR BEDDING AND COVER COMPLYING WITH BS EN 124 AND BS HAUNCHING TO COVER AND 7903 GARDENS - CLASS A15 SEE CLAUSE E2.32 FRAME TO CLAUSE E6.7. - ACCESS OPENING TOPSOIL. **RESTRICTED TO 350mm** DIAMETER IF DEPTH OF FLEXIBLE SEAL. CHAMBER TO INVERT IN > 1m. TEMPORARILY CAP SHAFT DURING MINIMUM INTERNAL CONSTRUCTION. DIMENSIONS 450mm DIAMETER. MINIMUM RADIUS TO BE 500mm FOR A 100mm DIAMETER PIPE AND 600mm FOR DOT TYPE 1 SUB BASE A 150mm DIAMETER PIPE TO ALLOW (THICKNESS VARIES) OR ENTRY OF MAINTENANCE EQUIPMENT. CONCRETE SURROUND BASE UNIT TO HAVE ALL **CONNECTIONS WITH SOFFIT** JOINTS BETWEEN BASE AND SHAFT LEVELS SET NO LOWER THAN AND SHAFT COMPONENTS TO BE FITTED WITH WATERTIGHT SEALS. THAT OF THE MAIN PIPE 150mm TYPE S GRANULAR SURROUND TO PIPE -INVERT OF CONNECTING PIPE TO BE

> TYPICAL DETAIL FOR Ø 460mm TYPE 3 INSPECTION CHAMBER (SITED IN DOMESTIC GARDENS) SCALE - 1:20

AND BENEATH CHAMBER.

TO PIPE AND BENEATH CHAMBER.

GEO-TEXTILE (MIN PERMEABILITY 75L/S/M²)

AT LEAST 50mm ABOVE THAT OF THE

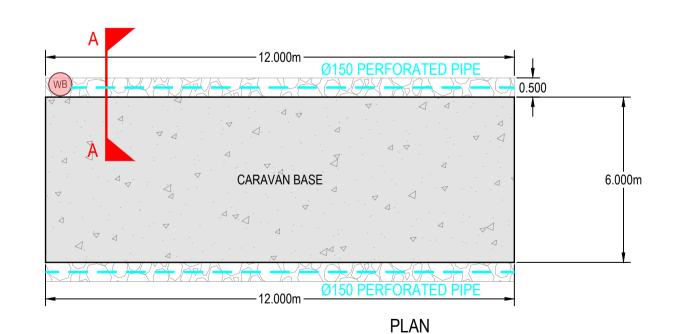
BE AT LEAST 50mm ABOVE THAT

OF THE MAIN PIPE.

MAIN PIPE.

PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 12598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL. TEMPORARILY CAP SHAFT DURING -COVER COMPLYING WITH BS EN 124 AND BS CONSTRUCTION. 7903 DRIVEWAYS, FOOTWAYS AND MORTAR BEDDING AND HAUNCHING TO COVER-LANDSCAPED AREAS - CLASS B125 SEE AND FRAME TO CLAUSE E6.7. CLAUSE E2.32. 150mm DEEP CONCRETE COLLAR ACCESS OPENING RESTRICTED TO 350mm DIAMETER IF DEPTH OF PAVEMENT CONSTRUCTION.-CHAMBER TO INVERT IN >1m. FLEXIBLE SEAL. MINIMUM INTERNAL DIMENSIONS 450mm DIAMETER. MINIMUM RADIUS TO BE 500mm FOR A 100mm DIAMETER PIPE AND 600mm FOR DOT TYPE 1 SUB BASE A 150mm DIAMETER PIPE TO ALLOW (THICKNESS VARIES) OR ENTRY OF MAINTENANCE EQUIPMENT. CONCRETE SURROUND. BASE UNIT TO HAVE ALL JOINTS BETWEEN BASE AND SHAFT-CONNECTIONS WITH SOFFIT AND SHAFT COMPONENTS TO BE LEVELS SET NO LOWER THAN FITTED WITH WATERTIGHT SEALS. INVERT OF CONNECTING PIPE TO 150mm TYPE S GRANULAR SURROUND

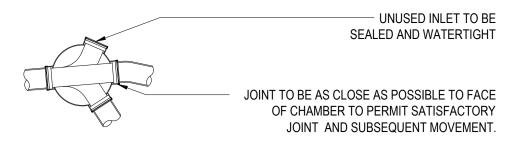
> TYPICAL DETAIL FOR Ø 460mm TYPE 3 INSPECTION CHAMBER (SITED IN DRIVEWAYS/PAVED AREAS) SCALE - 1:20



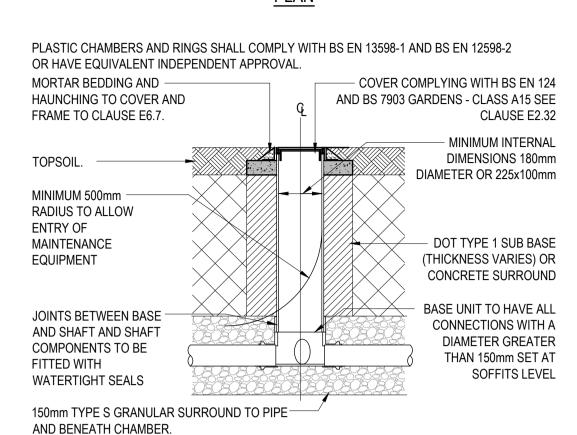
CARAVAN SLAB LEVEL 150mm TOPSOIL TYPE C FILTER MATERIAL TO SERIES 500 CLAUSE 505 DMRB NOMINALLY 20/40mm STONE (BROUGHT UP WITH RING AND PLACED AND COMPACTED BY HAND IN LAYERS NOT EXCEEDING 300mm). 500 GEOTEXTILE MEMBRANE PROTECTION SHEET MATERIAL WRAPPED AROUND ENTIRE FILTER DRAIN FOR INFILTRATION: MIN 125G/M² NON-WOVEN

SECTION A-A

PROPOSED CARAVAN BASE SOAKAWAY DETAIL SCALE - 1:20

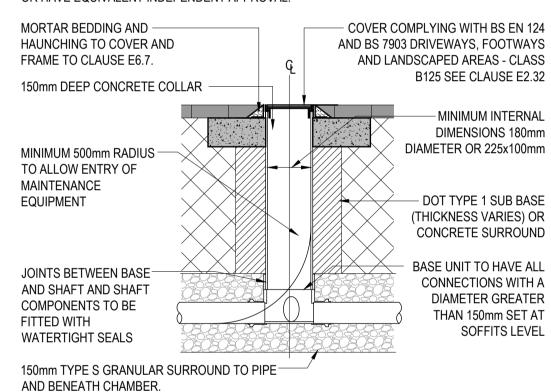


PLAN

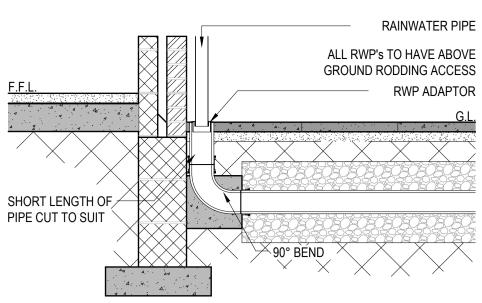


TYPICAL DETAIL FOR Ø 320mm TYPE 4 INSPECTION CHAMBER (SITED IN DOMESTIC GARDENS) SCALE: 1/20

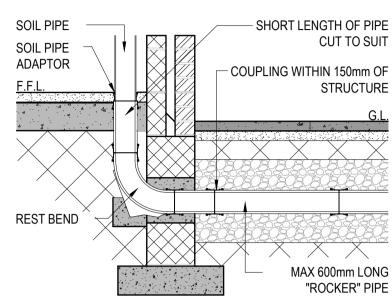
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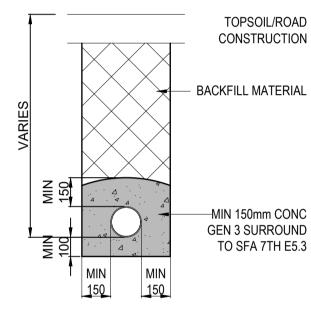
TYPICAL DETAIL FOR Ø 320mm TYPE 4 INSPECTION CHAMBER (SITED IN DRIVEWAYS/PAVED AREAS) SCALE - 1:20



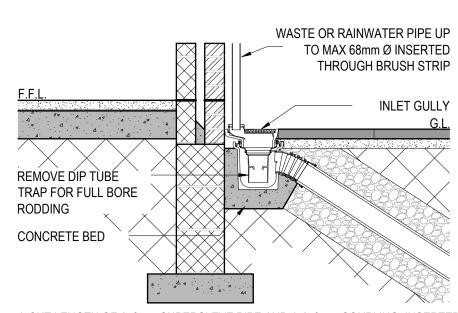
RAIN WATER CONNECTION GULLY SCALE - 1:20



SVP, SS & WC CONNECTION DETAIL SCALE - 1:20



CLASS Z BED & SURROUND SCALE - 1:20



NOTES

TO PIPE DIAMETER.

SUITABLE FILL - THE SUITABLE FILL SHALL BE SUITABLE FOR THE LOCATION AND SHALL BE CAREFULLY COMPACTED TO

SHALL BE WELL COMPACTED GRADED GRANULAR MATERIAL. FILL UNDER ADOPTABLE ROADS MAY NEED TO BE TYPE 1

GRANULAR SUB-BASE MATERIAL - CHECK WITH HIGHWAY AUTHORITY IF APPROPRIATE.

EACH PIPE JOINT BY SHAPED COMPRESSIBLE FILLER.

PROVIDE A STABLE FILL WITHOUT DAMAGING THE PIPE. FILL UNDER CAR PARKING AREAS, SHARED DRIVES & PRIVATE ROADS

GRANULAR MATERIAL - FOR RIGID PIPES THE GRANULAR MATERIAL SHOULD CONFORM TO BS EN:1610 Annex B Table B.15 AND

SHOULD BE SINGLE SIZE MATERIAL OR GRADED MATERIAL FROM 5mm UP TO A MAXIMUM SIZE OF 10mm FOR 100mm DIA. PIPES.

14mm FOR 150mm DIA. PIPES, 20mm FOR PIPES FROM 150mm TO 600mm DIA. AND 40mm FOR PIPES MORE THAN 600mm DIA.

SURROUNDED IN FLEXIBLE MATERIAL (50mm). CONCRETE SURROUND TO SEWER TO BE FLEXIBLY JOINTED AT EVERY JOINT

NOT WITHSTANDING THE ABOVE, MAXIMUM SPACING OF FLEXIBLE JOINT TO BE 3.0m. TO MAINTAIN THE FLEXIBILITY OF

CONCRETE SURROUNDED SEWERS, CONCRETE PROTECTION SHALL BE INTERRUPTED OVER ITS FULL CROSS-SECTION AT

GRANULAR BEDDING TYPE A SHALL CONSIST OF AGGREGATES FROM NATURAL SOURCES SINTERED PULVERIZED FUEL ASH COMPLYING WITH THE RELEVANT PROVISIONS OF BS 882 AND BS 3792 PART 2 RESPECTIVELY AND TO BE SIZED ACCORDING

1200g IMPERMABLE MEMBRANE

NON-WOVEN GEOTEXTILE

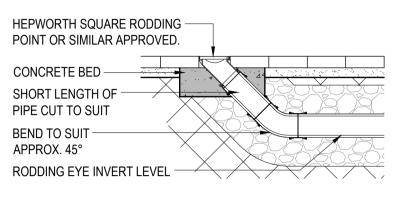
CAST INSITU CONCRETE

PRECAST CONCRETE

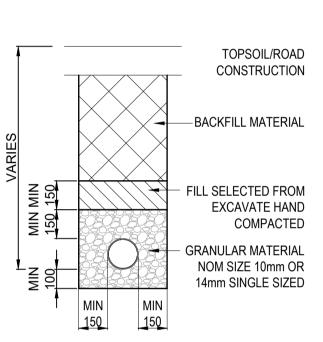
SEWERS THROUGH WALLS OR BENEATH FOUNDATIONS (SPREAD ONLY) TO HAVE R.C BRIDGE LINTELS OVER & PIPE

A CUT LENGTH OF 150mm SUPERSLEVE PIPE AND A 150mm COUPLING INSERTED BETWEEN THE HOPPER AND THE BASE CAN BE USED TO INCREASE THE GULLY DEPTH TO A MAXIMUM OF 600mm REFER TO TYPICAL BEDDING DETAIL FOR PIPE FORMATION CONSTRUCTION

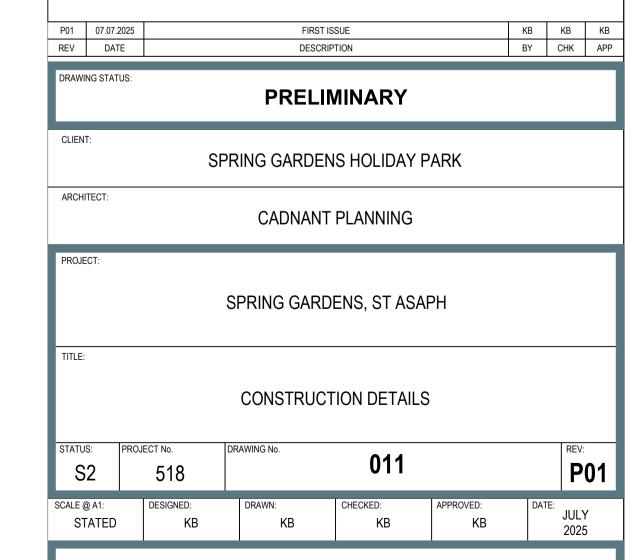
> TYP. BACK INLET HOPPER DETAIL SCALE - 1:20



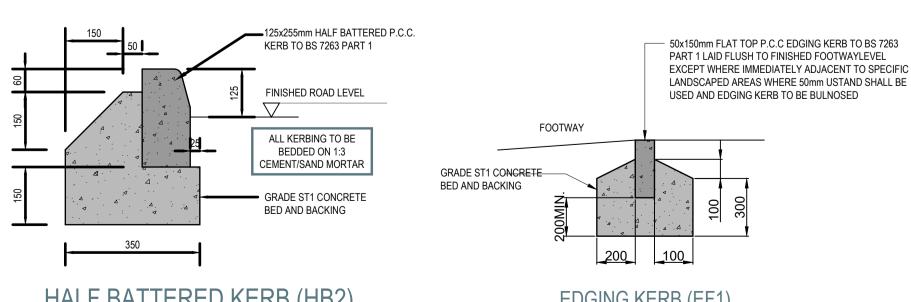
TYP. RODDING EYE DETAIL SCALE - 1:20

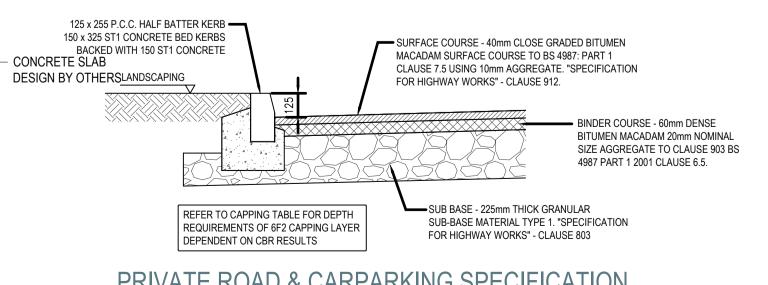


CLASS S BED & SURROUND SCALE - 1:20

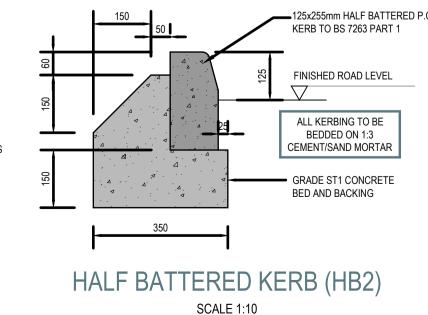


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PRIVATE ROAD & CARPARKING SPECIFICATION SCALE 1:20



EDGING KERB (EF1) SCALE 1:20