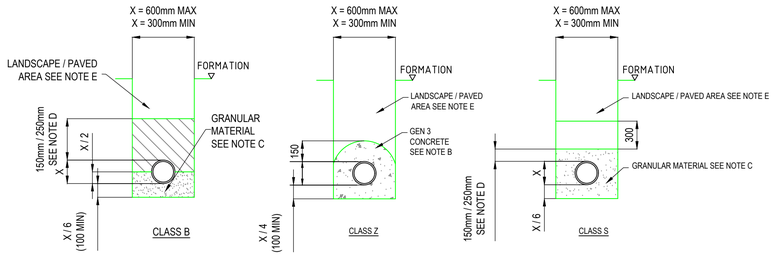


PIPE BEDDING DETAILS

BEDDING DETAILS

A. DIMENSION X IS THE EXTERNAL DIAMETER OF THE PIPE WORK.

B. CONCRETE MIX GEN 3 IN ACCORDANCE WITH BS EN 8500.

C. GRANULAR BEDDING MATERIAL SHALL CONSIST OF NATURAL AND/OR RECYCLED COARSE AGGREGATE COMPLYING WITH BS EN 13242 TO THE GRADING INDICATED IN GRADING TABLE.

D. SELECTED EXCAVATED MATERIAL, FREE FROM VEGETABLE MATTER, RUBBISH, FROZEN SOIL AND MATERAIL RETAINED ON A 40mm SIEVE COMPACTED BY HAND IN A MAXIMUM OF 100mm LAYERS.

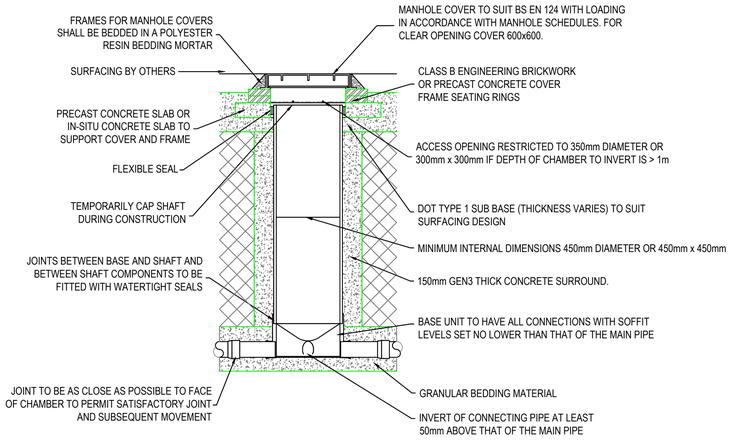
E. 150MM ABOVE THE PIPE FOR PRIVATE SEWER AND 250 FOR ADOPTED.

LANDSCAPE AREAS:
BACKFILL MATERIAL IN LANDSCAPE AREAS SHALL CONSIST OF UNIFORM, READILY COMPACTABLE MATERIAL, FREE FROM VEGETABLE MATTER, RUBBISH, FROZEN SOIL AND MATERIAL, OR MATERIALS SUSCEPTIBLE TO SPONTANEOUS COMBUSTION, AND EXCLUDING CLAY OF LIQUID LIMIT GREATER THAN 80 AND OR PLASTIC LIMIT GREATER THAN 55 AND MATERIALS OF EXCESSIVELY HIGH MOISTURE CONTENT.
PAVEMENT AREAS:
BACKFILL IN PAVEMENT AREAS SHALL BE SUITABLE GRANULAR SUB-BASE MATERIAL.

GRADING TABLE

NORMAL DIA OF PIPE (mm)	AGGREGATE SIZE (mm)
100	ALL IN 0-10
OVER 100 TO 150	ALL IN 0-10
OVER 150 TO 500	ALL IN 0-10 OR 0-20
OVER 500	ALL IN 0-10 OR 0-20 OR 0-40

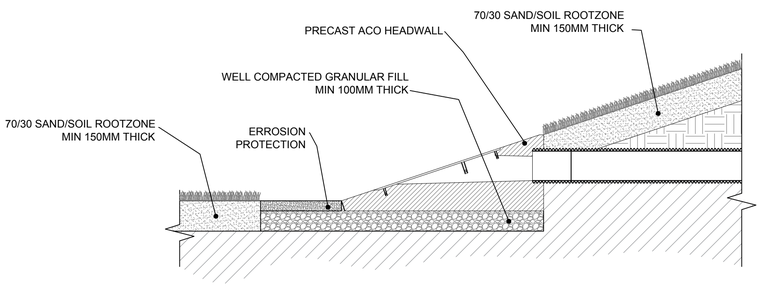
AGGREGATE GRADING FOR
PIPE BEDDING IN ACCORDANCE WITH BS EN 13242



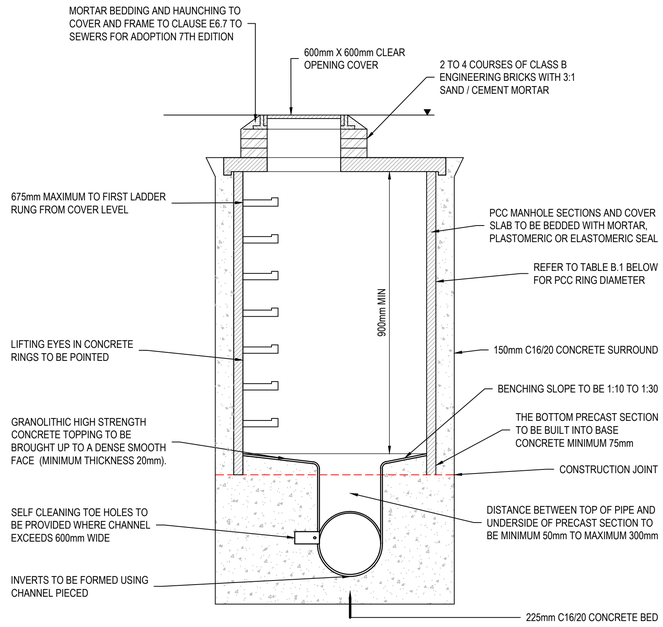
TYPICAL INSPECTION DETAIL - TYPE 3 (FLEXIBLE MATERIAL DETAIL)

MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE IN AREAS SUBJECT TO VEHICLE LOADING 3m, NON ENTRY

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



ACO DETENTION BASIN HEADWALL



TYPICAL ADOPTABLE PCC MANHOLE DETAIL (TYPE 2 SEWERS FOR ADOPTION)

DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3M

SCALE 1:25

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
150 - 375mm	1200
450	1350
455 - 525	1500
555 - 675	1500
690 - 900	1800

TABLE B.1 MANHOLE DIAMETER

PIPE DIA.	ROCKER PIPE LENGTH
600mm	0.6m
675-750mm	1.0m
>825mm	1.25m

TABLE 2

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ISSUE/REVISION

I/R	DATE	DESCRIPTION
P02	18.04.2019	UPDATED ISSUE
P01	19.11.2018	FIRST ISSUE

KEY PLAN

PROJECT NUMBER

60580070

SHEET TITLE

STANDARD DETAILS

SHEET NUMBER

OUCC-ACM-ZZ-05-DR-DR-30001

ARUN DISTRICT COUNCIL BR1511/PL

Project Management Initials: Designed: DR Checked: NF Approved: NF ISO A1 594mm x 841mm
Date Plotted: 04.12.2019 10:
Filename: Y:\60580070- CHICHESTER UNIVERSITY\06A CAD\01-WIP\CE\01_01-DRAWINGS\UOCC-ACM-ZZ-05-DR-DR-30001.DWG
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