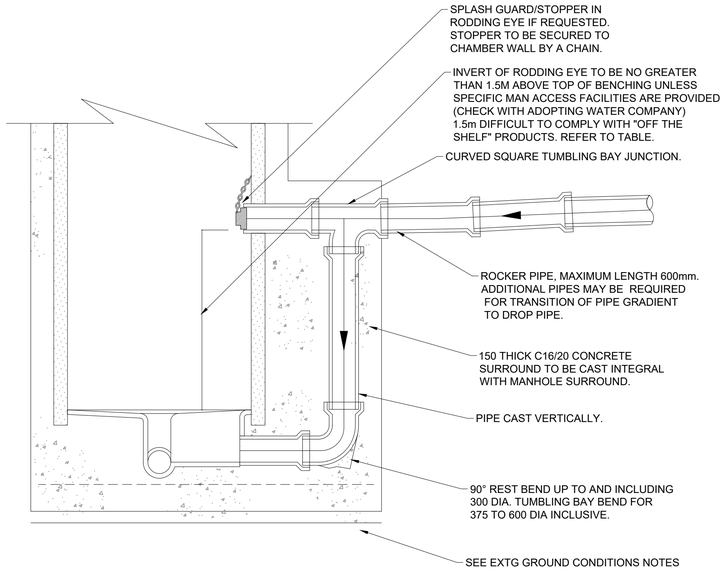



SECTION

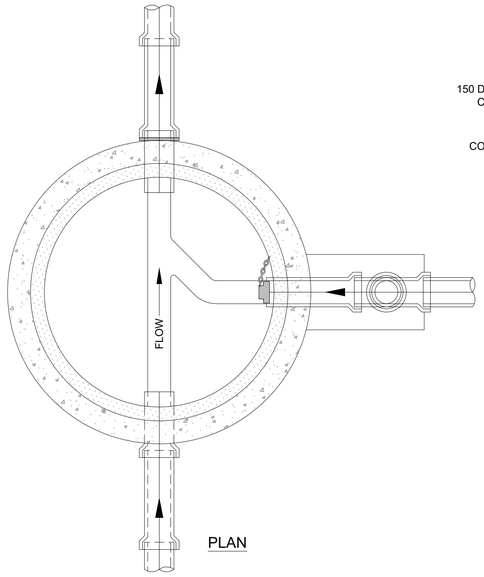
TYPICAL VERTICAL BACKDROP MANHOLE DETAIL
(ARRANGEMENT SHOWN NOT AVAILABLE OVER 600Ø)

| NOMINAL PIPE DIA (mm) | DISTANCE (mm) |
|---|---|
| 375 | 1257 |
| 450 | 1303 |
| 525 | 1348 |
| 600 | 1401 |
| 675/700 | 1815 |
| 750 | 1870 |
| 800/825 | 1900 |
| 900 | 1950 |
| 1000 | 2435 |
| 1050 | 2460 |
| 1200 | 2565 |

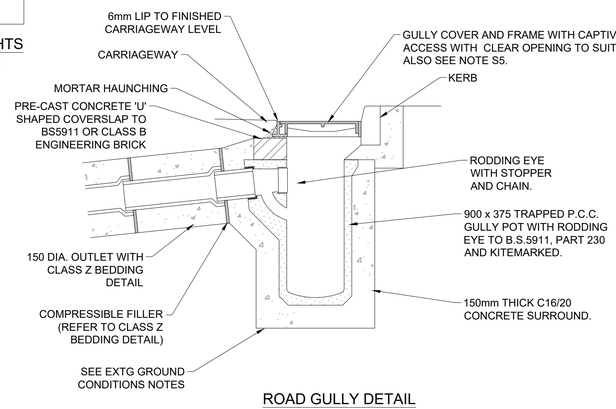
TYPICAL BACKDROP HEIGHTS
INVERT TO INVERT

| NOMINAL PIPE DIA (mm) | DISTANCE (mm) |
|---|---|
| 150 | 515 |
| 225 | 695 |
| 300 | 805 |

TYPICAL BACKDROP HEIGHTS
(REST BEND ASSUMED)
INVERT TO INVERT




PLAN



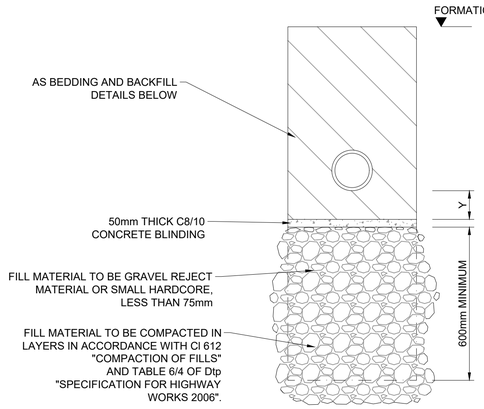

ROAD GULLY DETAIL



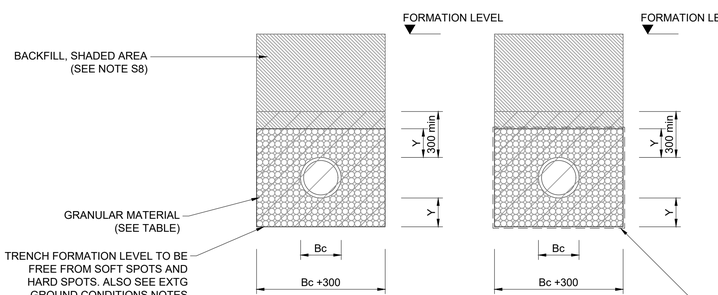

CLASS Z DETAIL (SEE NOTE S6)

| NOMINAL PIPE DIA (mm) | THICKNESS OF COMPRESSIBLE FILLER (mm) |
|---|---|
| LESS THAN 450 | 18 |
| 450 TO 1200 | 36 |
| GREATER THAN 1200 | 54 |

COMPRESSIBLE FILLER TABLE
(BITUMEN IMPREGNATED INSULATING BOARD TO BS EN 120 AND BS EN 317)




SOFT GROUND DETAIL (SEE NOTE G6)
(APPLICABLE TO PIPE TRENCHES AND DRAINAGE STRUCTURES)




CLASS S DETAIL

CLASS S DETAIL
(GEOTEXTILE WRAP OPTION)

RIGID PIPE TRENCH
BEDDING DETAILS

NOTES

Bc = OUTSIDE DIAMETER OF PIPE BARREL.

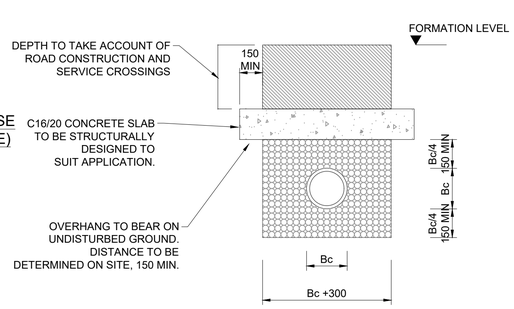
DIMENSION Y:-
SLEEVE JOINTED PIPES, MIN. 150mm OR 1/4Bc, WHICHEVER IS THE GREATER.
SOCKETED PIPE, MIN. 200mm OR 1/4Bc, WHICHEVER IS THE GREATER UNDER BARRELS AND NOT LESS THAN 150mm UNDER/OVER SOCKETS.

| NOMINAL PIPE DIA (mm) | SINGLE SIZED (mm) | GRADED (mm) |
|---|---|---|
| 150 | 10 OR 14 | 14 TO 5 |
| 200 TO 300 | 10, 14 OR 20 | 14 TO 5 OR 20 TO 5 |
| 375 TO 525 | 14 OR 20 | 14 TO 5 OR 20 TO 5 |
| GREATER THAN 525 | 14, 20 OR 40 | 14 TO 5, 20 TO 5 OR 40 TO 5 |

GRANULAR BEDDING MATERIAL
(AGGREGATES TO BS 882, AIR COOLED BLAST FURNACE SLAG TO BS 1047 AND LIGHTWEIGHT AGGREGATE TO BS 3797)
(SEE NOTE A9)

| NOMINAL PIPE DIA (mm) | MAXIMUM WIDTH (mm) |
|---|---|
| 100 | 600 |
| 150 | 700 |
| 225 | 800 |
| 300 | 900 |
| 375 | 1050 |
| 450 | 1150 |
| 525 | 1200 |
| 600 | 1350 |
| 675 | 1450 |

MAXIMUM TRENCH WIDTHS
(EXCEEDANCE COULD COMPROMISE STRUCTURAL DESIGN OF PIPELINE)




CONCRETE SLAB PROTECTION
(SEE NOTE S5)

GENERAL NOTES

G1. DO NOT SCALE THIS DRAWING.

G2. ANY DIMENSIONAL DISCREPANCIES SHOULD BE NOTIFIED TO THE ENGINEER IMMEDIATELY.

G3. ALL DIMENSIONS ARE IN MILLIMETRES - (mm)
ALL LEVELS ARE IN METRES - (m) AND ARE ABOVE ORDNANCE DATUM AT NEWLYN, CORNWALL UNLESS NOTED OTHERWISE.

G4. NORTH SHOWN INDICATIVE ONLY

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| REV | DESCRIPTION | DRN | CHK | APP | DATE |
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| P01 | FIRST ISSUE | EP | AH | AH | 17.10.25 |

Pell Frischmann
4th FLOOR, ONE ST JAMES SQUARE, MANCHESTER, M2 6DN
Telephone +44 (0)161 826 9400
Email: pfmanchester@pellfrischmann.com
www.pellfrischmann.com

miller homes

Project

HINCHLEY ROAD, BLACKLEY

Drawing Title

S104
STANDARD DETAILS
SHEET 1

Drawing Status

PRELIMINARY

| | Name | Date | Status Code |
|---|---|---|---|
| Drawn | E.PHYTHIAN | 08.10.25 | S4 |
| Designed | E.PHYTHIAN | 08.10.25 | Scale 1:500 |
| Eng Chk | A.HALL | 08.10.25 | Revision P01 |
| Approved | A.HALL | 08.10.25 | |

Drawing No.

110315 - PEF - S104 - HDG - DE - D - 00001