

A1

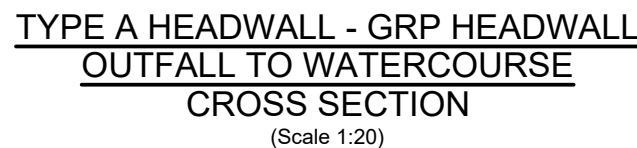
- ## RESIDUAL HAZARDS

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved risk assessment and method statement

Rev.	Amendments	Date
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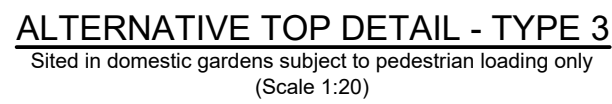
As Shown	Date July '20	Drawn By DJL	Checked By MJA
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(Scale 1:20)

3. ALL DRAINAGE WORKS TO BE CONSTRUCTED IN STRICT ACCORDANCE WITH SPECIFICATION OF THE LOCAL AUTHORITY, BUILDING REGULATIONS, SEWERS FOR ADOPTION, BS8301 & BS EN 752-1.
2. FOR LOCATION AND SETTING OUT OF BUILDING DRAINAGE POINTS REFER TO ARCHITECTS DRAWINGS.
3. ALL PIPE RUNS NEAR BUILDINGS TO COMPLY WITH THE BUILDING REGULATIONS 2002 PART 7 WHERE A PIPE IS WITHIN 1m OF A FOUNDATION THE TRENCH SHALL BE FILLED WITH CLASS G3 CONCRETE UP TO THE LOWEST LEVEL OF THE FOUNDATION, WHERE THE TRENCH IS FURTHER THAN 1m FROM THE FOUNDATION, THE TRENCH SHALL BE FILLED WITH CLASS G3 CONCRETE TO A DEPTH BELOW THE TRENCH TO THE WEST 1m FOR THE FOUNDATION EQUAL TO THE DISTANCE FROM THE FOUNDATION LESS 150mm. IN BOTH CASES THE PIPE SHALL BE BEDDED AND SURROUNDED IN 150mm THICK CLASS G3 CONCRETE.
4. WHERE PIPES, EXTERNAL TO THE STRUCTURES, HAVE A DEPTH TO SOFFIT FROM GROUND LEVEL OF LESS THAN 450mm THEY SHALL HAVE A CLASS G3 CONCRETE ENCASEMENT (150mm THICK).
5. WHERE A PIPE, UNDER A CARRIAGEWAY, HAS A DEPTH OF COVER OF LESS THAN 1.2m THE PIPE SHALL BE LAID IN A CONCRETE BED AND SURROUND.
6. IN ANY CIRCUMSTANCES WHERE PIPES ARE BEDDED AND SURROUNDED IN CONCRETE FLEXIBLE JOINTS SHOULD BE PROVIDED. COMPRESSIBLE BOARDS (FIBREBOARD OR POLYSTYRENE) SHALL BE BEDDED AT 150mm TO THE JOINTS (COINCIDING WITH PIPE JOINTS). THE BOARDS SHALL BE PRE-CUT TO PIPE DIAMETER AND TO A HEIGHT AND WIDTH EQUAL TO THE CONCRETE CROSS SECTION. A BOARD THICKNESS OF 18mm FOR PIPES UP TO 450mm NOMINAL DIAMETER AND 36mm FOR PIPES OVER 450mm NOMINAL DIAMETER.
7. ALL PRIVATE BUILDING DRAINAGE SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH BS EN 752-1. UNLESS OTHERWISE SPECIFIED BUILDING DRAINAGE SHALL BE 100mm DIAMETER AND SHALL BE LAID AT A MINIMUM GRADIENT OF $\geq 1/15$ IN 1 OR $\geq 1/10$ IN 8 FOR FLOOD DRAINS AND $\geq 1/20$ FOR SURFACE WATER DRAINS. ALL BUILDING DRAINS SHALL BE LAID IN CONJUNCTION WITH 'NON ADAPTED BEDDING DETAILS' (CLASS D, N OR B) UNLESS OTHERWISE SPECIFIED.

- TYPICAL ACCESS CHAMBER DETAIL - TYPE 3**
3m maximum depth to from cover to pipe soffit. (non entry) vehicle loading
(Scale 1:20)



FLOW CONTROL CHAMBER
(Scale 1:20)

The details shown above are indicative only and should not be used as a scaled drawing. Please refer to manufacturers installation.



PIPE BEDDING DETAILS (UNDER HIGHWAYS)
(Scale 1:20)



POLYPROPYLENE SHALLOW SILT TRAP
DETAIL (500Ø)

Depth to invert 1.25m (standard unit)
Silt Traps installed greater than single unit depth to be extended
using Wavin inspection chamber shaft units.

