### **TYPICAL MANHOLE DETAIL - TYPE B**



ENGINEER AND SHALL BE FREE FROM VEGETATION, COMBUSTIBLE MATERIAL AND BUILDING RUBBISH.

Exceeding 400 Overall Limits 10, 20 or 40

or 40 to 5

nominal diameter- Recycled aggregate.

gas (see Diagram above)

## Pipe runs near buildings

important that the void is also filled with a compressible sealant to prevent ingress of

GENERAL NOTES 1.1. THIS DRAWING IS COPYRIGHT AND SHOULD NOT BE REPRODUCED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF PATRICK PARSONS LTD. DO NOT SCALE FROM THIS DRAWING.

- 1.3. LOCATIONS OF ALL EXISTING SERVICES ON-SITE TO BE CONFIRMED & PROVIDED TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORKS. . THIS DRAWING IS TO BE READ IN CONJUNCTION
- WITH ALL RELEVANT PATRICK PARSONS LTD DRAWINGS & SPECIFICATIONS.

### **Building Drainage**

Building drainage shall comply with BS 8301 1985 BSEN 752 which supersedes clause 4 of BS 8301, and the Building Regulations 2002 Part H.

All house drainage to be 100mmØ unless otherwise shown. Inspection chambers located within garages to have double seal bolt down covers. Connections to adoptable sewers to be 150mmØ . Pipes running under

buildings without suspended floors shall have 100mm granular surround.

. Pipes Penetrating Walls. An opening is to be formed through wall to give pipes at least 50mm clearance all round. Brickwork over shall be supported by lintel. Opening to be masked each side with rigid sheet material. Pipes embedded in walls shall have joints formed within 150mm of

either wall face. Adjacent rocker pipes of max 600mm length with flexible joints shall continue the pipework. 2. Pipe runs near Buildings.

If trench is within 1m of a building it shall be filled with concrete up to the lowest level of the adjacent foundation. If trench is greater than 1m from a building the trench shall be filled with concrete up to a level below the building equal to the distance from the building less 150mm.

Where pathways fall towards the dwelling gullies and channels are to be provided to prevent water damaging building.

All existing drainage levels to be checked prior to commencement of works. Any discrepancy to be reported to Stewart and Harris engineers.

All paving gullies to suit low point and to be trapped.

Vertical backdrops should not be connected to public manholes without the consent of sewerage authority.

All Foul pipework to be clay.

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Client

McCarthy & Stone

Project Portland Mills

Buxton Road Leek

Drawing

Private Drainage **Construction Details** 

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McCarthy & Stone MI-2416-03-DE-005

Drawing No.