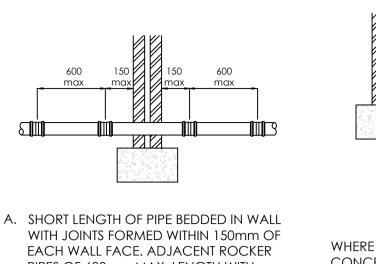


150mm GRANULAR

MATERIAL BED AND

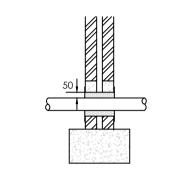
SURROUND



PIPES THROUGH WALLS

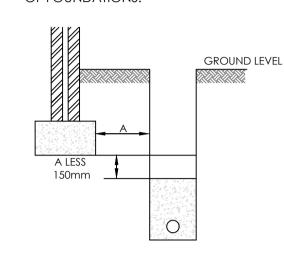
WITH JOINTS FORMED WITHIN 150mm OF EACH WALL FACE. ADJACENT ROCKER PIPES OF 600mm MAX. LENGTH WITH FLEXIBLE JOINTS.

WHERE DIMENSION A IS LESS THAN 1.0m, CONCRETE FILL TRENCH TO LEVEL OF UNDERSIDE OF FOUNDATIONS.



B. ARCH OR LINTELED OPENING TO GIVE MIN 50mm SPACE ALL ROUND THE PIPE.
MASK OPENING ON BOTH SIDES OF THE WALL WITH RIGID SHEET MATERIAL TO PREVENT ENTRY OF FILL OR VERMIN.

IMPORTANT FILL VOID WITH COMPRESSIBLE MATERIAL TO PREVENT ENTRY OF GAS.

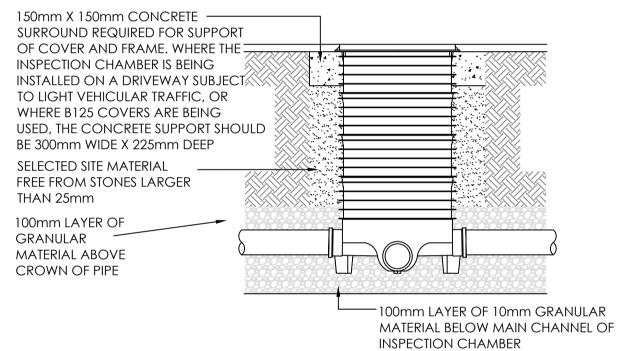


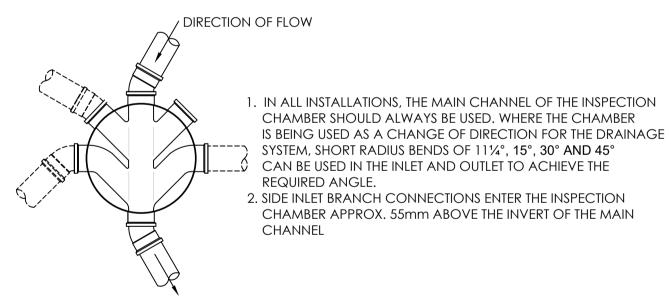
PIPES NEAR BUILDINGS

GROUND LEVEL

WHERE DIMENSION A IS GREATER THAN 1.0m, CONCRETE FILL TRENCH TO THIS LEVEL

460mm DIA. INSPECTION CHAMBER DETAIL





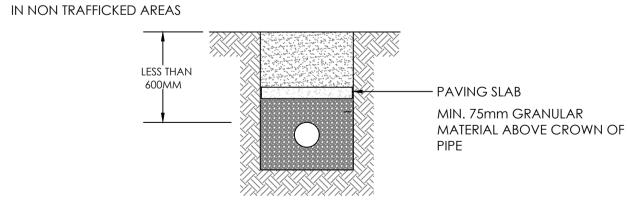
PLAN VIEW

PROTECTION FOR

1. PIPES LAID AT SHALLOW DEPTHS

PROTECTION FOR

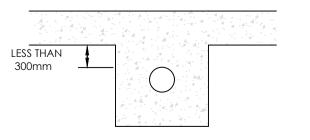
PIPES



PIPES LAID IN NON-TRAFFICKED AREAS, E.G. IN GARDENS WITH LESS THAN 600mm OF COVER, SHOULD BE PROTECTED AGAINST DAMAGE BY PLACING PAVING SLABS OR SIMILAR OVER THEM ACROSS THE WHOLE WIDTH OF THE TRENCH.

A LAYER OF GRANULAR MATERIAL OF 75mm MIN THICKNESS MUST BE LAID BETWEEN PIPES AND SLABS

2. PIPES LAID AT SHALLOW DEPTHS UNDER BUILDINGS



300mm OF THE UNDERSIDE OF THE SLAB, THE PIPEWORK SHOULD BE SURROUNDED WITH 150mm CONCRETE AS AN INTEGRAL PART OF THE FLOOR SLAB

WHERE PIPES ARE SURROUNDED IN CONCRETE, AN 18mm COMPRESSIBLE BOARD, E.G. FIBREBOARD OR POLYSTYRENE SHOULD BE PLACED AROUND THE PIPE AT EACH JOINT.

WHERE THE CROWN OF THE PIPE IS WITHIN

ALL PRODUCTS REFERENCED WITHIN THIS DRAWING CAN BE CHANGED TO ALTERNATE PRODUCTS SUBJECT TO APPROVAL OF THE ENGINEER

		to this drawing. Only figured dimensions are to be worked to. COPYRIGH			
DATE	AMENDMENT DETA	AILS	DRAWN	APPROVED	
	DATE	DATE AMENDMENT DETA	DATE AMENDMENT DETAILS	DATE AMENDMENT DETAILS DRAWN	

PROJECT LAND OFF GLENEAGLES DRIVE	03.08.22	DRAWING STATUS INFORMATION		
MCDONALD'S HAVERHILL	SCALE(S) AS	DESIGNED SW	DRAWN SW	
DRAWING TITLE PRIVATE DRAINAGE	SHOWN	CHECKED BWA	APPROVED BWA	
STANDARD DETAILS SHEET 1 OF 2	JOB NO 2590			or out o
CLIENT	DRAWING No		REVISION	Create CONSULTING
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