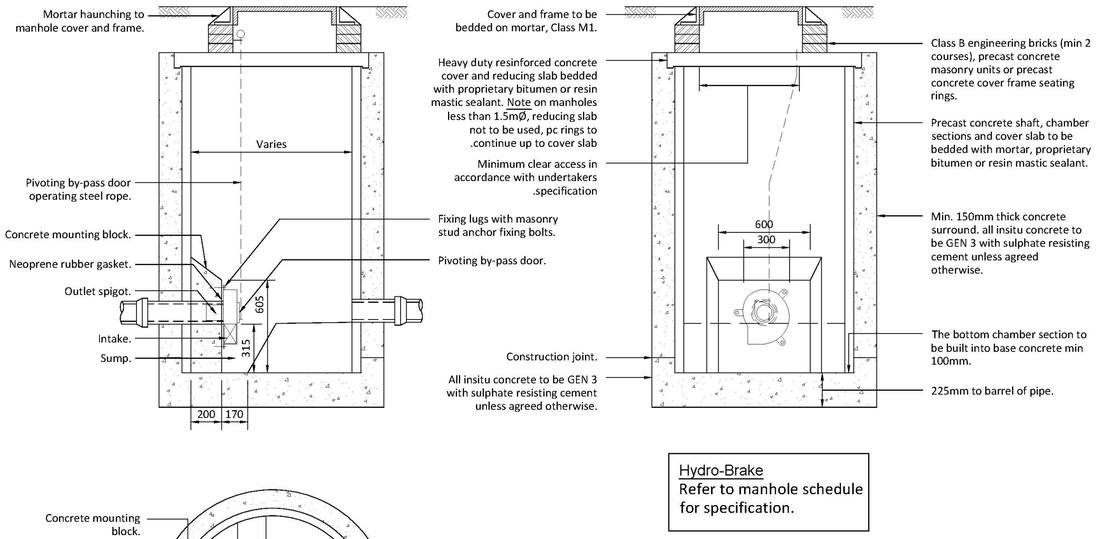
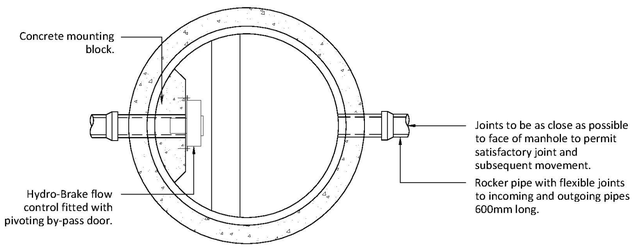
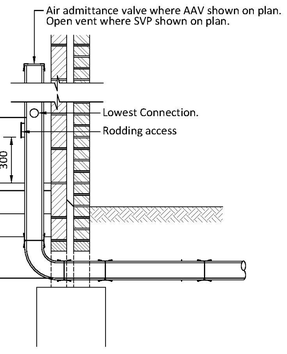


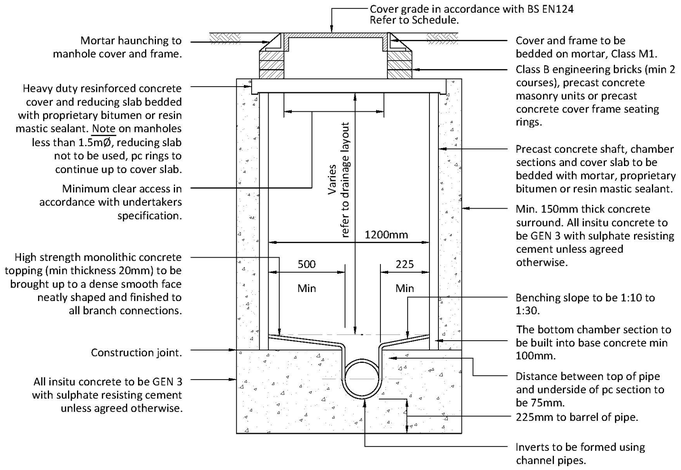
Hydro-Brake
Refer to manhole schedule for specification.

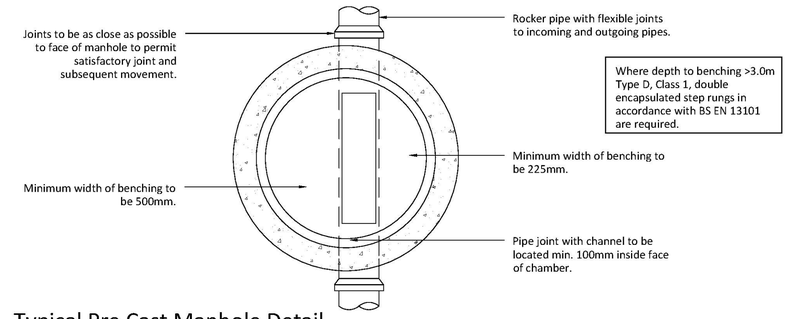


Proposed Hydro-Brake Manhole
Refer to Plan for Location
Scale 1-20

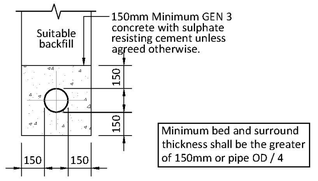


Typical Soil and Vent Pipe Arrangement
To Architects Specification
Scale 1-20

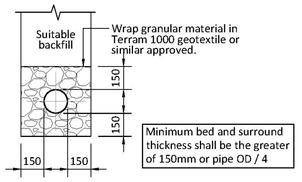




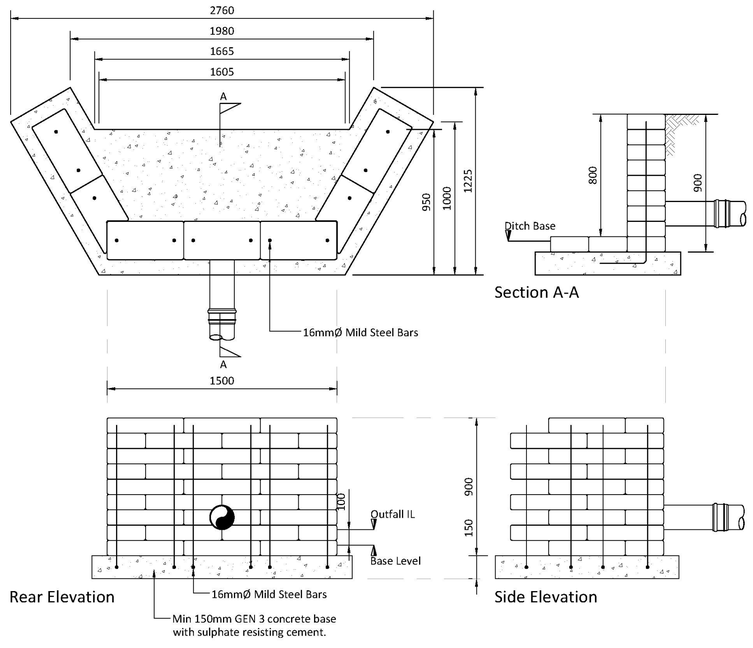
Typical Pre Cast Manhole Detail
Max Depth from Ground Level to Soffit of 3.0m
Scale 1-20



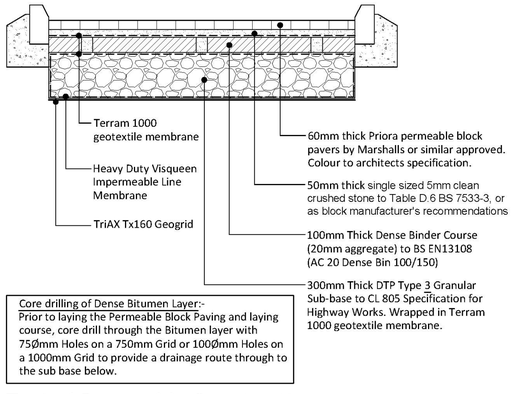
Type Z Bedding
Concrete Bed and Surround
(Depth to soffit≤1.2m)
Scale 1-20



Type S Bedding
Granular Bed and Surround
(Depth to soffit >1.2m)
Scale 1-20

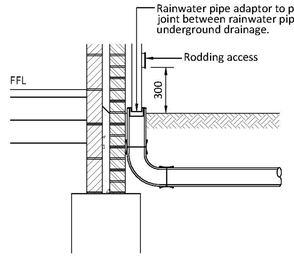


Typical Concrete Bag Headwall
Max 800mm High with Max 300mmØ Outfall
Scale 1-20

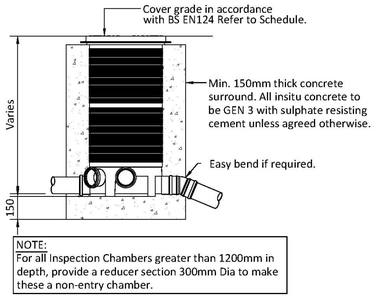


Core drilling of Dense Bitumen Layer:-
Prior to laying the Permeable Block Paving and laying course, core drill through the Bitumen layer with 75Ømm Holes on a 750mm Grid or 100Ømm Holes on a 1000mm Grid to provide a drainage route through to the sub base below.

Typical Permeable Construction
Rigid Construction Parking Area - Design 3%< CBR <4%
Scale 1-20



Typical Rainwater Pipe Arrangement
To Architects Specification
Scale 1-20



NOTE:
For all Inspection Chambers greater than 1200mm in depth, provide a reducer section 300mm Dia to make these a non-entry chamber.

Typical Inspection Chamber
450mmØ Polypropylene
Scale 1-20

0.5m 1m 2m
SCALE 1-20

Notes:
General Notes

G1. Do not scale this drawing.

G2. This drawing is to be read in conjunction with all other relevant drawing issues and the specification.

G3. All building materials, components and workmanship to comply with the appropriate public health acts, building regulations, british standards and codes of practice and the appropriate manufacturers recommendations.

G4. For all specialist work see relevant drawings.

G5. Any discrepancies, errors or omissions to be reported to the project co-ordinator for further instructions before commencement of works.

G6. The Engineer is not responsible for dimensions, except where shown on his drawings. All setting out information, dimensions, etc, shall be calculated from the Architects drawings.

G7. All private drainage shall comply with the requirements of the Building Regulations approved Document H.

G8. All drainage forming part of, or connecting to a public sewer shall comply with the requirements of Sewers for Adoption 7th Edition.

G9. Cover levels are shown indicative only and are subject to final adjustment on site.

G10. All FW pipes to be 100mm diameter unless noted otherwise.

G11. All SW pipes to be 100mm diameter unless noted otherwise.

G12. Minimum depth to invert of foul branch pipes to SVP/SS below finished floor level to be:

450mm 0 - 3 storey's
750mm 3 - 5 storey's

G13. Gradient of under floor branch pipes to be 1:40 and no flatter than 1:80 (minimum of 1 WC connected).

G14. All RWP, SVP and SS positions are subject to confirmation from the architect.

Rev	Amendment	Date
-	For comment	17.01.18

PRELIMINARY	
APPROVAL/COMMENT	X
TENDER	
CONSTRUCTION	

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www.considine.co.uk

Client:
DONAL LUCEY

Project:
FORMER COACH HOUSE
BRENZETT

Drawing Title:
TYPICAL DRAINAGE DETAILS

Drawing No: 1915-1530
Rev: -

Drawn By:
Date: OCT 2017
Scale: 1:100@A1, 1:200@A3