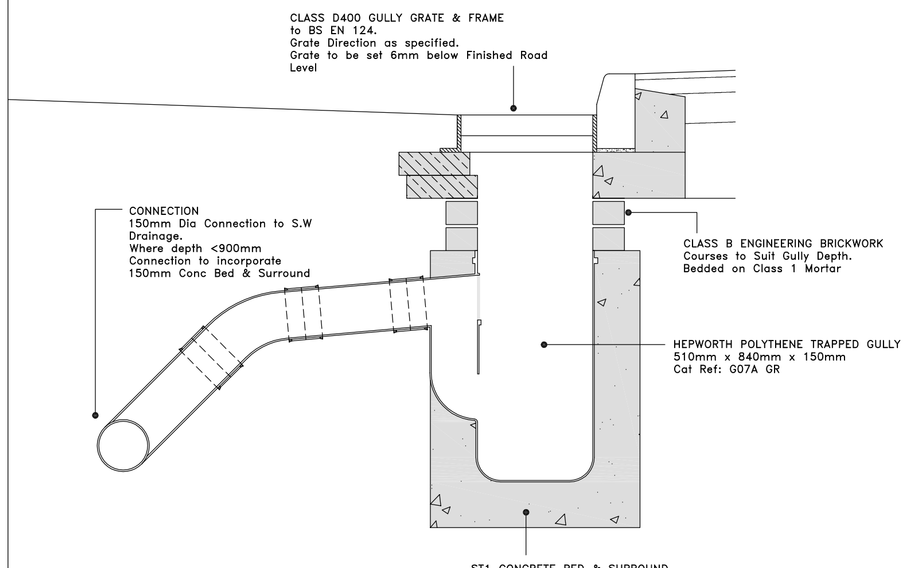
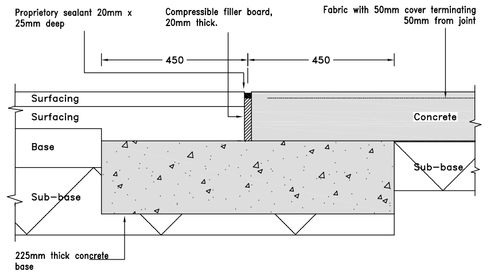
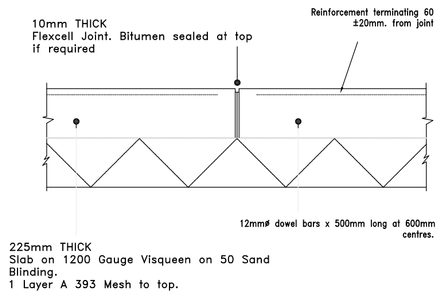


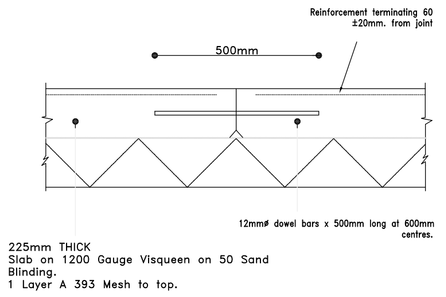
PROPOSED ROAD
GULLY DETAIL



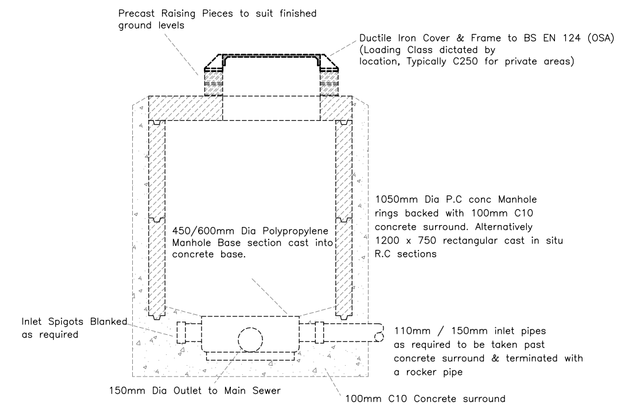
JOINT BETWEEN FLEXIBLE AND RIGID SURFACING

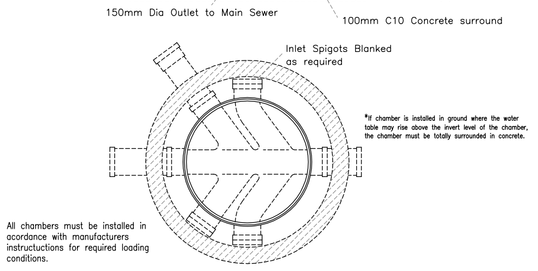


FREE MOVEMENT JOINT
(MJF)

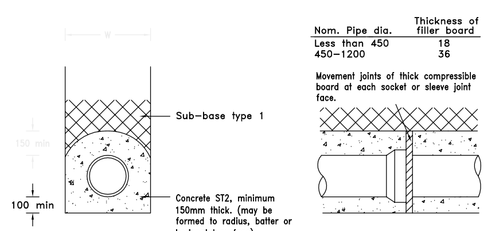


RESTRAINED MOVEMENT JOINT
(MJR)





TYPICAL 1050mm DIA
PCC "DRAG OUT" CHAMBER DETAIL

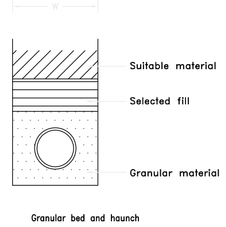


CONCRETE PROTECTION FOR PIPES WHERE THERE IS INSUFFICIENT COVER

CONCRETE BED AND SURROUND

Nom. Pipe dia.	Thickness of filler board
Less than 450	18
450~1200	36

Movement joints of thick compressible board at each socket or sleeve joint face.



FLEXIBLE PIPE BEDDING – CLASS S

PIPE BEDDING NOTES – RIGID PIPES

Bc=External pipe diameter
W=Trench width (Bc+300 min, Bc+600 max)

'Y' dimension – For pipes up to 600mm diameter, Y=100mm
For pipes more than 600mm diameter, the depth of bedding over and under pipe increases to 1/6 Bc or 150mm under barrels, & 50mm min. under sockets whichever is greater (400mm max.)
In rock etc. use 1/4 Bc & 150mm min under sockets. (400mm max.)

Bedding and sidefill material shall be placed and compacted in layers not exceeding 150mm before compaction, to a finished thickness of 300 above pipe crown.

Subsequent backfilling shall be deposited in layers not exceeding 225mm and fully compacted.

Selected fill should be readily compactible, and should not contain stones larger than 40mm, lumps of clay over 75mm, timber, frozen material, vegetable matter or foreign matter.

Refer to table for specification for granular material.

PIPE BEDDING NOTES – FLEXIBLE PIPES

Bc=External pipe diameter
W=Trench width (Bc+300 min, Bc+600 max)

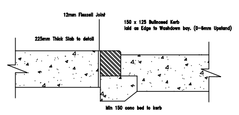
Bedding and sidefill materials shall be placed in layers not exceeding 100mm. Hand tamp the material fully at the sides of the pipe while tamping lightly over the crown.
Continue hand tamping until a finished layer of 300mm has been placed over the pipe.

Subsequent backfilling shall be deposited in layers not exceeding 225mm and fully compacted.

Selected fill should be readily compactible, and should not contain stones larger than 40mm, lumps of clay over 75mm, timber, frozen material, vegetable matter or foreign matter.

Refer to table for specification for granular material.

PIPE BEDDING NOTES



WASHDOWN BAY
EDGE DETAIL

DO NOT SCALE THIS DRAWING	SIZE A1

Notes

1.Before construction commences the setting out engineer shall ensure that all setting out information is mutually compatable with all the drawings and documents provided by the designers. Where information is apparently contradictory or ambiguous, the design engineer and/or the architect is to be informed immediately. Thomas Consulting will accept no liability for setting out errors where work is constructed to incorrect information.

2. All drawings and documents are to be read in conjunction with one another, are mutually compatable and shall be read as such. All documents shall be checked to ensure that they are compatable by the contractor before construction commences. In the event of apparent ambiguity or contradiction the engineer and/or architect shall be notified immediately. Thomas Consulting accept no liability in the event of not being so notified and where construction work has commenced.

3. This drawing is to be read in conjunction with;
a) Construction (Design & Management) Regulations, 1994
b) Thomas Consulting's drawings & specifications,
c) Architect's drawings & specifications,
d) Any other relevant documentation, such as specialist contractor's details or manufacturer's technical information.

4. All drainage construction details shall be in accordance with 'Sewers for Adoption' 6th edition.

5. The Contractor shall comply with the following;
a) All operations shall be carried out in accordance with the Client's general Health & Safety Policy, as required by Section 2 of the Health & Safety At Work, Etc. Act 1974, and in particular the Construction (General Provisions) Regulations,
b) The Local Authority and Service Companies are to be notified prior to commencement of work on site,
c) Prior to construction, the actual positions and depths of services likely to be affected by the works shall be established by means of hand digging, in close liaison with the Service Companies. The Contractor shall immediately advise Thomas Consulting in writing of any services exposed which may affect the design.

Revisions

Rev	Date	Description	Initial
A	10.06.2014	Movement joint details amended.	KW

Drawing Issued By

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Client
HSS Hire Services Group Ltd

Project
HSS Hire
Wakefield Road
Depot.

Scale	Drawn	Checked	Date
NTS	KRW		14.05.2014

Drawing Title
Typical Construction details

Drawing Number
P5005/14/101 A