

COMPRESSIBLE MATERIAL TO CLAUSE 1015 (SHW)

AND

MODELS

HATFIELD\E

SQUARE,

SALISBURY

,70012600

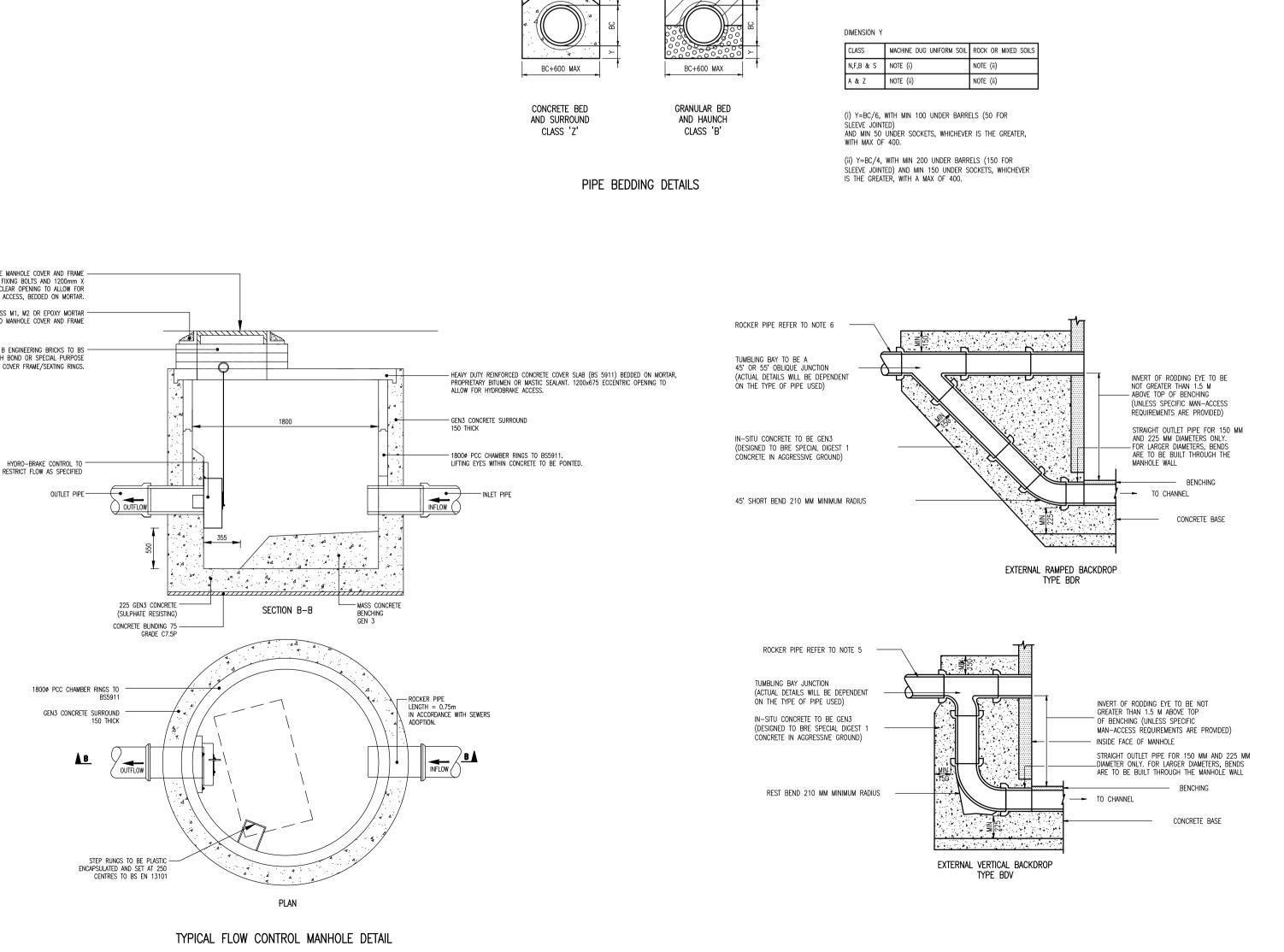
150 CONCRETE ST4 BASE

450

GULLY (SINGLE CHANNEL INLET)

GULLY COVER SET 0 TO - 3mm BELOW FINISHED CARRIAGEWAY LEVEL.

DEPTH OF OUTLET INVERT TO BE 750mm BELOW TOP OF GULLY GRATING WHERE OUTLET IS BENEATH HIGHWAY.



DO NOT SCALE

NOTES:

SECTION B-B

DETAILS OF COVER SLAB

RECTANGULAR OR -

TYPICAL CATCHPIT DETAIL

SELECTED SIDEFILL AND SURROUND. CLASS 8

SINGLE SIZE GRANULAR MATERIAL. TABLE 5/3 SHW TO BS 13242 COARSE AGGREGATE CLAUSE 4.3.2

LOWER TRENCH FILL TABLE 6/1 SHW

GEN3 CONCRETE BED AND SUUROUND

BC = OUTSIDE DIAMETER OF PIPE.

DN = NOMINAL INTERNAL DIAMETER OF PIPE.

- DO NOT SCALE. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED
- ALL LEVELS STATED ARE IN METRES ABOVE THE ORDNANCE DATUM, NEWLYN.
- SPECIFICATION ALL WORKS TO BE IN ACCORDANCE WITH THE RELEVANT PROVISIONS OF THE SPECIFICATION DOCUMENT SEWERS FOR ADOPTION 7TH EDITION. THE CLAUSE NUMBERS REFERRED BELOW RELATE TO THE SPECIFICATION ABOVE
- SEE MANHOLE SCHEDULES FOR TYPE OF BACKDROP TO BE USED AT SPECIFIC
 - IF FIRST PIPE BEYOND JUNCTION PIPE IS ENCASED IN CONCRETE A FLEXIBLE BOARD SHALL BE INSERTED AND THE CONCRETE PIPE SURROUND CONTINUED UP TO THE JOINT WITH ROCKER PIPE
 - MANHOLE COVERS AND FRAMES SHALL COMPLY WITH BS EN 124, BS7903 AND CLAUSE E2.32
- MANHOLE FRAMES SHALL BE SET LEVEL, BEDDED AND HAUNCHED TO CL E6.7
- MANHOLE FRAME SHALL BE SEATED ON AT LEAST TWO COURSES OF CLASS B
- . FOR ROCKER PIPE DETAILS REFER TO CLAUSE E6.6.2

ENGINEERING BRICKS TO CL E6.7

- O. STEP IRONS COMPLYING WITH BS EN 14396 AND CLAUSE E2.37
- I. LADDER COMPLYING WITH BS EN 14396 AND CLAUSE E2.37
- OPENING TO BE LOCATED CENTRALLY OVER 900 mm SHAFT AND OFFSET
- APPROXIMATELY 200 mm FOR 1200 mm DIAMETER SHAFT WITH LADDER
- . MANHOLE COVERS TO CL E2.32—SEE MANHOLE SCHEDULE FOR SIZES
- 4. PIPE BEDDING CLASSIFICATION ARE DERIVED FROM T.R.R.L DOCUMENT "SIMPLIFIED TABLED OF EXTERNAL LOADS ON BURIED PIPELINED"
- 5. SHW MEANS REFER TO THE SPECIFICATION FOR HIGHWAY WORKS VOL. 1 SERIES
- 6. ALL CONCRETE AND CONCRETE PRODUCTS BELOW GROUND LEVEL ARE TO BE
- CLASS 3 SULPHATE RESISTING TO SPECIAL DIGEST 1:2005
- 7. THE CONTRACTOR SHALL CONTACT ALL APPROPRIATE STATUTORY UNDERTAKERS AND ESTABLISH THE EXACT LOCATION OF ALL SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL PIPEWORK IS PROTECTED AT ALL STAGES OF CONSTRUCTION.
- 9. ALL PIPE CONNECTIONS ARE SOFFIT TO SOFFIT UNLESS OTHERWISE STATED.
- 20. ALL PIPE BEDDINGS TO BE CLASS B GRANULAR BED AND HAUNCH UNLESS INDICATED OTHERWISE.
- 1. HYDRO INTERNATIONAL. CONTACT: STORMWATER SOLUTIONS, SHEARWATER HOUSE, CLEVEDON HALL ESTATE, VICTORIA ROAD, CLEVEDON, BS21 7RD, TEL. 01275
- . WHERE A SPECIFIC PRODUCT OR SUPPLIER IS SPECIFIED, AN APPROVED ALTERNATIVE CAN BE OFFERED.

878371. WWW.HYDRO-INT.COM

- 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH WSP DRAWING NUMBER
- 12600-D-01.
- 24. ALL CLAUSE NUMBERS REFER TO THE SPECIFICATION FOR HIGHWAY WORKS, LATEST
- 5. PLASTIC GULLY POTS SUBJECT TO HIGHWAY AUTHORITY'S WRITTEN APPROVAL MAY BE USED AS AN ALTERNATIVE TO CONCRETE GULLY POTS. WHERE THE CONTRACTOR CHOOSES THIS OPTION, THE CONCRETE SURROUND TO THE GULLY POT SHALL BE MIX ST2 TO BS EN 206 TO A MINIMUM THICKNESS OF 200mm & SHALL BE VIBRATED WITH A 50mm DIAMETER POKER.
- 26. CONTRACTOR SHOULD PROVIDE MECHANICAL LIFTING AIDS FOR ITEMS HEAVIER THAN 20 KGS. IF MECHANICAL LIFTING AIDS ARE IMPRACTICAL A RISK ASSESSMENT SHOULD BE UNDERTAKEN WHICH IDENTIFIES THE APPROPRIATE CONTROL MEASURES REQUIRED TO AVOID RISK OF INJURY FROM MANUAL HANDLING.
- '. GULLY GRATING AND FRAME SHALL COMPLY WITH BS EN 124 OR BE FABRICATED STEEL, OR GRATING WITH FRAME CAST INTO PRECAST CONCRETE COVER SLAB. GRATING TO HAVE MINIMUM WATERWAY AREA OF 0.125 100m2 AND TO WITHSTAND BS EN 124 TEST LOAD.
- 28. FOR INVERT DETAILS SEE THE MANHOLE SCHEDULES.
- 9. PURPOSE MADE PLASTICS UPPER SECTIONS WITH PRE-FITTED GRATINGS TO NOTE 2 MAY BE USED. PLASTICS UPPER SECTIONS SHALL BE SURROUNDED WITH MIX ST4 CONCRETE TO DIMENSIONS SHOWN FOR PRECAST SLAB.
- 30. CLAUSE 507.15 OF THE S.H.W. NEED NOT BE APPLIED.

	Α	26/08/15	MM	FIRST ISSUE	HWP	HWP		
F	REV	DATE	BY	DESCRIPTION	СНК	APD		

FOR INFORMATION ONLY



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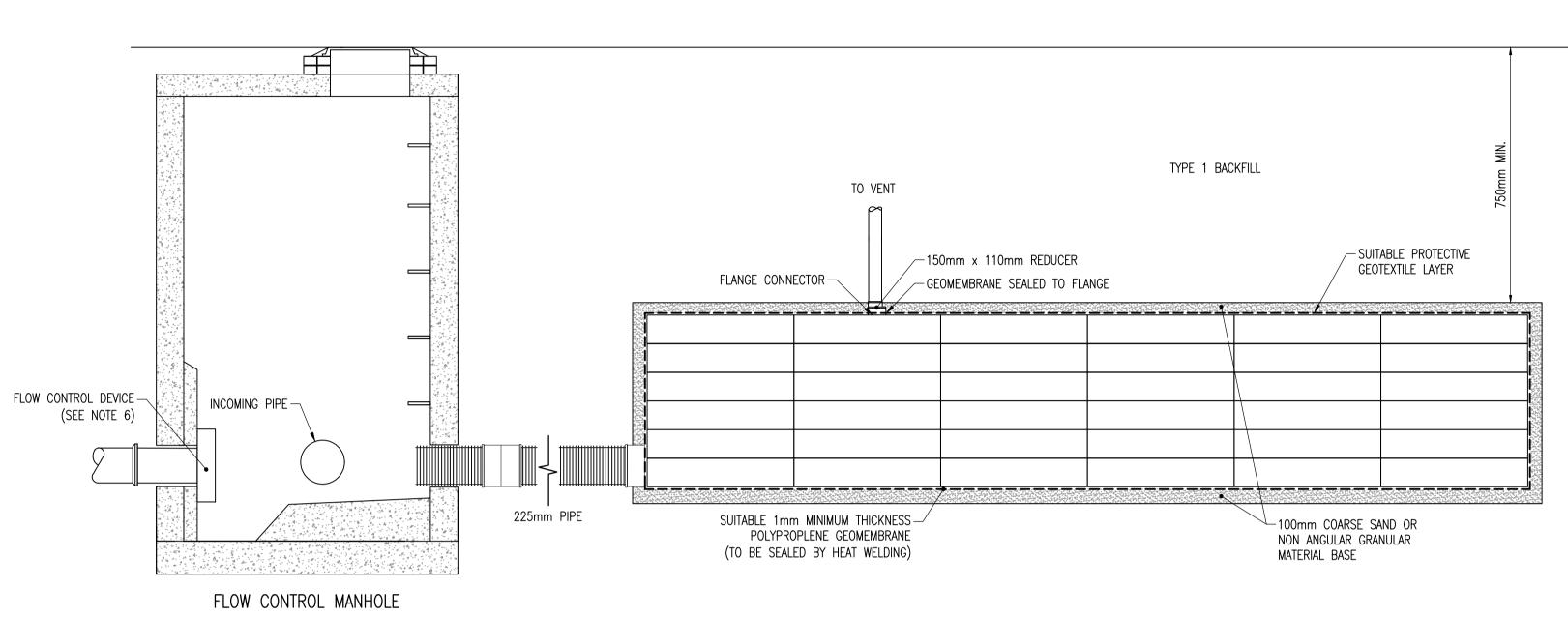
BROOKS MURRAY

SALISBURY SQUARE OLD HATFIELD

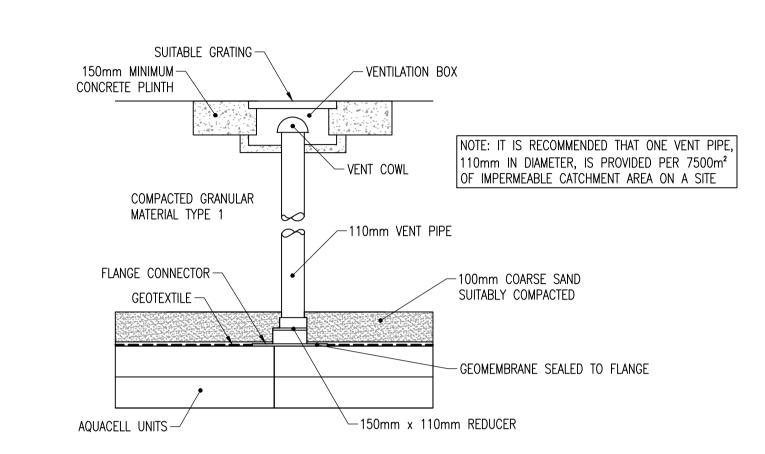
STANDARD DRAINAGE DETAILS

SCALE W AT.	CHECKED.	AFFROVED.						
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CAD FILE:	DESIGN-DRAWN:	DATE:						
12600-SD-01	MM	July 2015						
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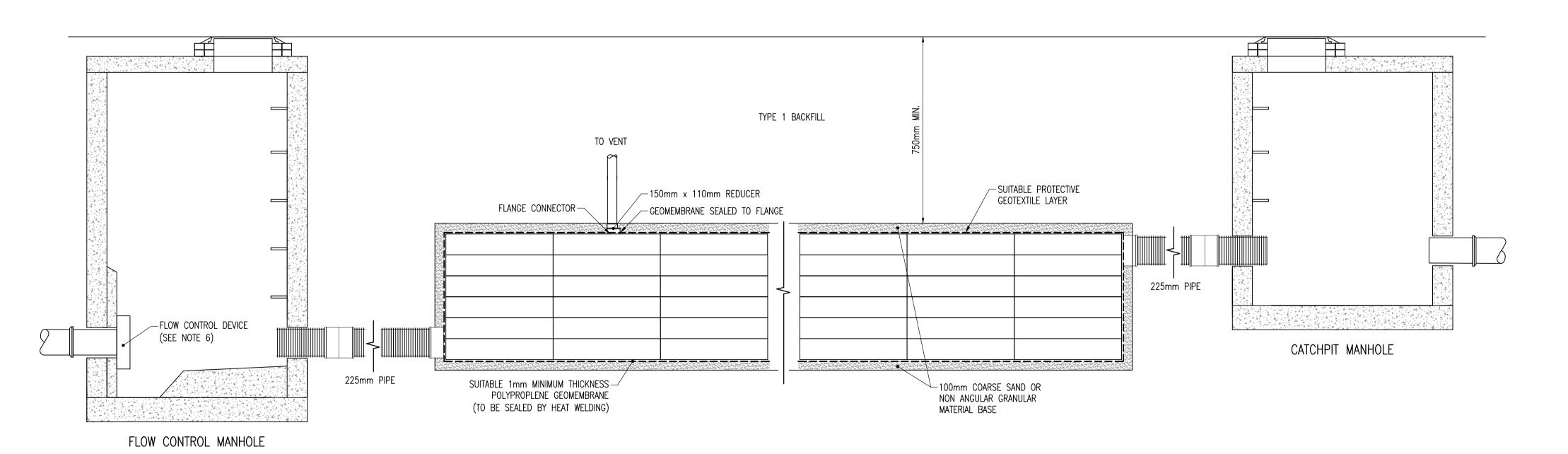
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TYPICAL OFFLINE CELLULAR STORAGE ARRANGEMENT



TYPICAL VENT PIPE ARRANGEMENT



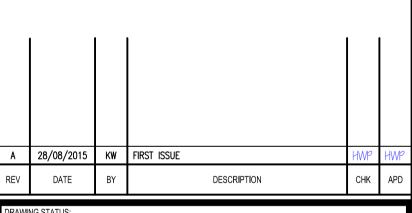
TYPICAL ONLINE CELLULAR STORAGE ARRANGEMENT



NOTES:

- 1. DO NOT SCALE FROM THIS DRAWING.
- 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED. 3. SEE DRAWING NO. 12600-SD-01 FOR MANHOLE CONSTRUCTION
- 4. SEE DRAWING NO. 12600-SD-01 FOR FLOW CONTROL MANHOLE
- 5. CELLULAR STORAGE TO BE WAVIN AQUACELL PRIME UNITS OR SIMILAR APPROVED.
- 6. FLOW CONTROL DEVICE TO BE HYDROBRAKE AS MADE BY HYDRO

INTERNATIONAL OR SIMILAR APPROVED.



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SALISBURY SQUARE OLD HATFIELD

TYPICAL CELLULAR STORAGE ARRANGEMENTS

SCALE @ A1:	CHECKED:	APPROVED:							
NTS	HWP	HWP DATE: August 2015							
CAD FILE: 12600-SD-02	DESIGN-DRAWN: KW								
PROJECT No:	DRAWING No:		REV:						
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8/08/2015 11:37:01 Pal SQUARE, HATFIELD\E MODELS AND DRAWINGS\DEVELOPMENT\AUTOCAD\SD STANDARD DETAILS\12600-SD-02.DWG SALISBURY