



14-006-03A

Part 6

Appendix G

APPENDIX G

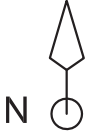
Southern Water Asset Plan and Correspondence

SEWER RECORDS PAGE 1 OF 2

106679



106391

471556	O.S. REF. SU7106NE	Drawn by: mondalb	The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy. The actual positions should be determined on site. WARNING: BAC pipes are constructed of Bonded Asbestos Cement WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement	 	472026
	Title: 196951_Pub Market Parade, Hava	Scale: 1:1250			
		Date: 18/06/2015	Based upon Ordnance Survey Digital Data with the permission of the controller of H.M.S.O. Crown Copyright Reserved Licence No. WU 298530.		

SEWER RECORDS PAGE 2 OF 2

Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape
0400X	10.84		225	UNK	CIRC	853DX			UNK	UNK	CIRC												
0502X	10.06		225	UNK	CIRC	8550X	9.35		600	BRC	ARCH												
0601X	10.04		UNK	UNK	CIRC	8551Y	9.08	7.8	600	BRC	ARCH												
0604X	10.41	9.21	150	VC	CIRC	8552X	9.04		600	CP	CIRC												
5405X			150	VC	CIRC	8600X	9.46	7.77	225	VC	CIRC												
5453X			UNK	UNK	CIRC	8601X	9.52		225	VC	CIRC												
5602X	10.25	9.32	225	VC	CIRC	8603X	9.81	8.26	225	VC	CIRC												
6400X	8.32	6.89	150	CI	CIRC	8650X			300	VC	CIRC												
6401X			150	CI	CIRC	8651X			300	VC	CIRC												
6600X	10.34	9	225	VC	CIRC	8652X	9.53	8.08	600	BRC	ARCH												
660DX			225	VC	CIRC	9400X	9.83	7.78	225	VC	CIRC												
6650X	10.28	9.49	225	VC	CIRC	9401X	9.79		225	VC	CIRC												
7400X	8.96		225	VC	CIRC	9402X	10.29		225	VC	CIRC												
7401X	9.04		225	VC	CIRC	9450X	9.78	9.25	150	VC	CIRC												
7402X	9.09	7.31	UNK	UNK	CIRC	9451X	9.77	9.19	150	VC	CIRC												
7404X	8.73	7.48	225	VC	CIRC	9452X	9.72	9.39	150	VC	CIRC												
7405X	8.43	7.31	225	VC	CIRC	9453X	9.25		150	CI	CIRC												
7406X	9.06		150	CI	CIRC	9500X	9.53	7.96	225	VC	CIRC												
7407X			UNK	UNK	CIRC	9501X	9.65	8.35	225	UNK	CIRC												
7408X			UNK	UNK	CIRC	950DX			150	UNK	CIRC												
7409X			UNK	UNK	CIRC	951DX			150	UNK	CIRC												
7410X			UNK	UNK	CIRC	952DX			225	VC	CIRC												*
7450X	8.77	7.92	225	VC	CIRC	952DY			225	VC	CIRC												
7451X	8.68	7.77	225	VC	CIRC	953DX			150	UNK	CIRC												*
7454Y	8.97	7.91	150	VC	CIRC	954DX			150	UNK	CIRC												
7456Y	8.91	7.73	150	VC	CIRC	9600X	10.07	8.51	225	VC	CIRC												
7501X	8.69	7.53	225	VC	CIRC	9602X	10.43	8.95	150	VC	CIRC												
7550X	8.9	8.14	225	VC	CIRC	9603X	10.43	8.79	150	VC	CIRC												
7600X	9.91	8.68	225	VC	CIRC	9604X	8.42	8.42	225	VC	CIRC												
7604X	10.2	8.85	225	VC	CIRC	965ZX			600	UNK	CIRC												
7605X			150	VC	CIRC	9660X	10.47	9.3	1200	CP	RECT												
7606X			150	VC	CIRC																		
7607X			150	VC	CIRC																		
7608X			150	VC	CIRC																		
7650X	10.35	9.31	300	VC	CIRC																		
7651X	10.04		300	VC	CIRC																		
7653X			OTHER	OTHER	CIRC																		
7654X			OTHER	OTHER	CIRC																		
7655X			OTHER	OTHER	CIRC																		
8350X	8.73	8.05	150	UNK	CIRC																		
8400X	9.06		300	VC	CIRC																		
8401X	8.75	6.98	300	VC	CIRC																		
8402X	9.11	7.72	225	VC	CIRC																		
8403X	9.15	7.82	225	VC	CIRC																		
8404Y	9.81	8.25	225	VC	CIRC																		
8404X	9.81	8.24	225	VC	CIRC																		*
8405X	9.01		300	VC	CIRC																		
8406X			UNK	UNK	UNK																		
8408X			100	VC	CIRC																		
840DX			225	VC	CIRC																		
8410X			100	VC	CIRC																		
841DX			UNK	UNK	UNK																		
842DX			UNK	UNK	UNK																		
843DX			300	VC	CIRC																		
844DX			UNK	UNK	UNK																		
8458X	9.59	8.11	OTHER	BRC	ARCH																		
8459X	9.12		300	CP	CIRC																		
8460X			OTHER	BRC	RECT																		
84ADX			300	VC	CIRC																		
8500X	9.28	7.72	225	VC	CIRC																		
8501X	9.32		225	VC	CIRC																		
8502Y	8.88		225	VC	CIRC																		
850DX			UNK	UNK	CIRC																		
851DX			UNK	UNK	CIRC																		
852DX			UNK	UNK	CIRC																		

LINE STYLES / COLOURS

Brown

Red

Orange

Dark Blue

Purple

Light Blue

Yellow

Green

Foul

Foul Syphon Sewer

Foul Vacuum Main

Foul Rising Main

Combined

Combined Syphon Sewer

Combined Rising Main

Lateral Drain

Building Over Agreement Area

Treated Effluent

Sludge

Sewer Catchment

Section 104 Area

Surface Water

Surface Water Rising Main

Private

Access Shaft

Decommissioned

MATERIALS

AK

BAC

BRC

BRE

CC

CI

CO

CP

CSB

CSU

DI

GRC

GRP

MAC

MAR

PE

PF

PP

PVC

RPM

SI

ST

VC

XXX

ZZZ

Alkathene

Bonded Asbestos Cement

Brick (Common)

Brick (Engineering)

Concrete Box Culvert

Cast Iron

Concrete (In-Situ)

Concrete (Pre-Cast)

Concrete Segments (bolted)

Concrete Segments (unbolted)

Ductile Iron

Glass Reinforced Concrete

Glass Reinforced Plastic

Masonry in regular Courses

Masonry in random Courses

Polyethylene

Pitch Fibre

Polypropylene

Polyvinyl Chloride

Reinforced Plastic Matrix

Spun Iron

Steel

Unfilled Clay

Other

Unknown

LEGEND - SEWERS

Manhole (SW)

Manhole (F&C)

Lamp hole (SW)

Lamp hole (F&C)

Pumping Station (SW)

Pumping Station (F&C)

Side entry Manhole (SW)

Side entry Manhole (F&C)

Blind shaft (SW)

Blind shaft (F&C)

Ejector station (SW)

Ejector station (F&C)

Watertight door (SW)

Watertight door (F&C)

Flushing ch. Min-e (SW)

Flushing ch. Min-e (F&C)

Flushing ch. No-e (SW)

Flushing ch. No-e (F&C)

Demarcation Chamber

Washout (SW)

Washout (F&C)

Rodding Eye (SW)

Rodding Eye (F&C)

Gauging point (SW)

Gauging point (F&C)

Intercept chamber (SW)

Intercept chamber (F&C)

Storm Tank (SW)

Storm Tank (F&C)

Vortex chamber (SW)

Vortex chamber (F&C)

Label ellipse

Dummy/S24 manhole

Outfall

Penstock chamber

Damboards

Storm Overflow

Backdrop manhole

Other (s)

Other

Change in sewer (s)

Change in sewer

Reflux valve

Flap valve

Cascade

Anode

Valve

Closed Valve

Air Valve

Hatch box (SW)

Hatch box (F&C)

Direction arrow

Emptying valve

Catchpit

Soakaway

Inlet

Balancing Pond

Wastewater treatment works

Marine treatment works

Outfall headworks

Vent

Vent column

Tidal storage tank

Blank end

Head of Public Sewer

Micro Pumping Station

SHAPES (S)

A

B

C

E

H

Arched

Barrel

Circular

Egg

Horseshoe

R

S

T

U

X

Rectangular

Square

Trapezoidal

U Shape

Other

NODE REFERENCING SYSTEM

1st digit:

2nd digit:

3rd digit:

4th digit:

hundred metre easting identifier

hundred metre northing identifier

sewer type identifier

Q=4 = Foul/Combined

S=9 = Surface Water

next sequential node

Drawn by:	mondalb
Title:	196951_Pub Market Parade, Hava
Date:	18/06/2015





RECEIVED

- 3 AUG 2015

Mr Steven Ho
Odyssey Markides
Tuscany House
White Hart Lane
Basingstoke
Hampshire
RG21 4AF

Developer Services
Southern Water
Sparrowgrove House
Sparrowgrove
Otterbourne
Hampshire
SO21 2SW

ACM. 
BAC.
SRB.
HB.
LS.
S++

Tel: 0330 303 0119

Email: developerservices@southernwater.co.uk

Your Ref:

BAC/sh145/14-006/outgoing

Our Ref:

CC/002771

Date:

31 July 2015

Site: Redevelopment of Land at Market Parade, Havant, Hampshire, PO9 1PT.

Dear Sirs,

We have completed the capacity check for the above development site and the results are as follows:

Foul capacity check:

There is currently inadequate capacity within the foul sewerage network to accommodate a foul flow of 5.7 l/s at manhole reference SU71067402. The proposed development would increase flows to the public sewerage system, and existing properties and land may be subject to a greater risk of flooding as a result. Additional off-site sewers, or improvements to existing sewers, will be required to provide sufficient capacity to service the development.

The nearest point where capacity is currently available is at Budds Farm WTW which is located approximately 1.3 km South West of the proposed development site. Rights are not issued for a direct connection to Wastewater Treatment Works. Please note that connection to the WTW will have to be agreed by Southern Water Services before being carried out.

Note - Alternatively, the developer can discharge foul flow no greater than existing levels if proven to be connected and it is ensured that there is no overall increase in flows into the foul system. You will be required to provide a topographical site survey and/or a CCTV survey with the connection application showing the existing connection points, pipe sizes, gradients and calculations confirming the proposed foul flow will be no greater than the existing contributing flows.

Section 98 of the Water Industry Act 1991 provides a legal mechanism through which the appropriate infrastructure can be requested (by the developer) and provided to drain a specific location. Alternatively, carry out off site reinforcement works in order to provide capacity for the proposed foul flow to be accommodated within the local sewerage system. The extent of the works required to provide capacity for the development site could be obtained via a level 2 Capacity Assessment (Application forms enclosed).

Unfortunately, it may be several years before adequate infrastructure is provided via a prioritised capital expenditure programme. Therefore, this proposed development would be considered premature until such time adequate sewerage infrastructure could be provided.

Before any connections are made to foul and surface sewerage network, an application form needs to be completed and approved by Southern Water Services.

Should you require any further information, please contact us at the above mentioned phone number or address.

Yours faithfully

A handwritten signature in black ink, appearing to be 'D. Smith'.

Developer services

Please note: -

The information provided above does not grant approval for any designs/drawings submitted for the capacity analysis. The results quoted above are only valid for 12 months from the date of issue of this letter.

SOUTHERN WATER

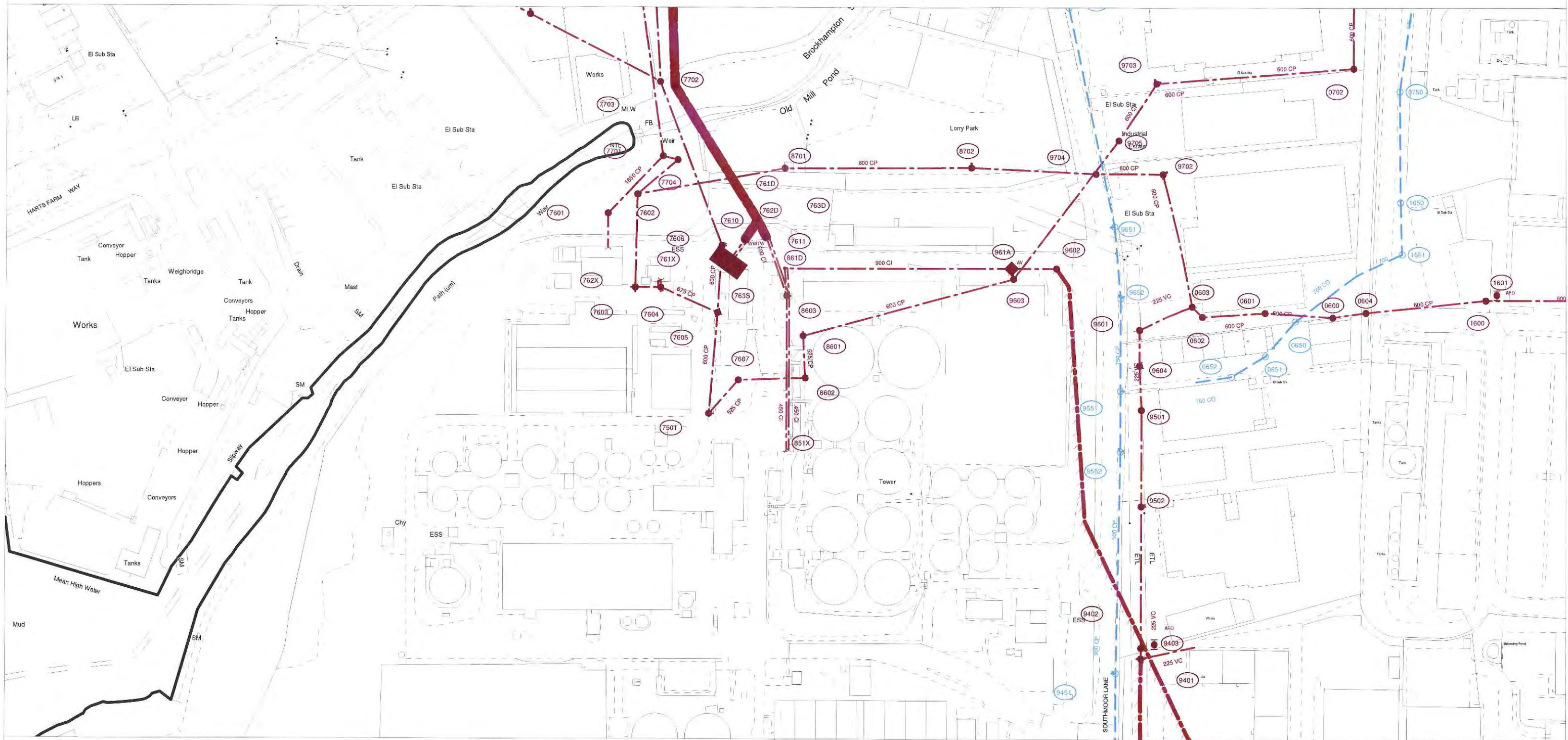
The map displays a complex network of water supply infrastructure in Havant, Hampshire. Key features include:

- Infrastructure:** A network of pipes (225 VC, 150 VC, 300 VC, 150 CI) and numerous valves (e.g., 5601, 6600, 7603, 8601).
- Locations:** Havant Station, Havant Park, Meridian Centre, St Faith's Church, and various landmarks like the Pavilion, Tennis Courts, and Havant United Reformed Church.
- Roads:** Park Road North, Elm Lane, and other local roads.
- Color-Coding:** Red and blue lines and circles represent different types of infrastructure and valves.

Printed By: giriyar
Southern Water MapGuide Browser
Requested By:



SOUTHERN WATER



The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy. The actual positions should be determined on site.

Based upon Ordnance Survey Digital Data with the permission of the controller of
H.M.S.O. Crown Copyright Reserved Licence No. WU 298530

O.S. REF: SU7005NE

Scale: 1:2500

Sewer Plot

WARNING: BAC pipes are constructed of Bonded Asbestos Cement

WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement



Printed By: Deepthi

Nearest POAC

Requested By:

Date: 24-7-2015

