

Appendix A: Innovation Park Masterplan

This drawing may contain Ordnance Survey material by permission of
Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office
© Crown Copyright 2015. All rights reserved.
Reference number 010001673.

OS Open data / © Natural England / © DEFRA / © DECC / © English Heritage.
Contains Ordnance Survey data © Crown copyright and database right 2015
Aerial Photography - ESRI, DigitalGlobe, GeoEye, i-cubed, USDA FSA, USGS, Aero
Cetnapping, AeroGRID, IGN, iGeo, etc. All rights reserved. The OS User Community

No dimensions are to be scaled from this drawing.
All dimensions are to be checked on site.
Area measurements for indicative purposes only.

© LDA Design Consulting Ltd. Quality Assured to BS EN ISO 9001:2008

Sources: Ordnance Survey

REV.	DESCRIPTION	PP.	DATE
ISSUED BY	London	T: 020 7467 1470	
DATE	20.07.2018	DRAWN	ED
SCALE@A1	1:2,500	CHECKED	CM
STATUS	Final	APPROVED	MW

DWG. NO6278_MP_002



Appendix B: Southern Water Asset Records



Atkins
Atkins Telecoms - Stats Enquiries Team
The Hub - 500 Park Avenue
Aztec West
Almondsbury
Bristol
BS32 4RZ

Your Ref LM/24721/706893/NW
Our Ref 150860
Date 21 March 2013
Contact searches@southernwater.co.uk
Fax 01634 844514
DX:400450 Chatham 5

Attention: Nicholas Westcott

Dear Sirs

**Provision of Public Sewer and Water Main Record Extracts – VAT Receipt
Rochester City Airport, Maidstone Road, Chatham. Kent ME1 3QU.**

Further to your recent enquiry regarding the provision of Southern Water apparatus record extracts for the above location.

Please be aware that there are areas within our region in which there are neither sewers nor water mains. Similarly, whilst the enclosed extract may indicate the approximate location of our apparatus in the area of interest, it should not be relied upon as showing that further infrastructure does not exist and may subsequently be found following site investigation. Therefore actual positions of the disclosed (and any undisclosed) infrastructure should be determined on site, because Southern Water does not accept any responsibility for inaccuracy or omission regarding the enclosed plan and accordingly it should not be considered to be a definitive document.

I confirm payment of the appropriate fee in the sum of £ **48.00**

The breakdown of costs is as follows: -

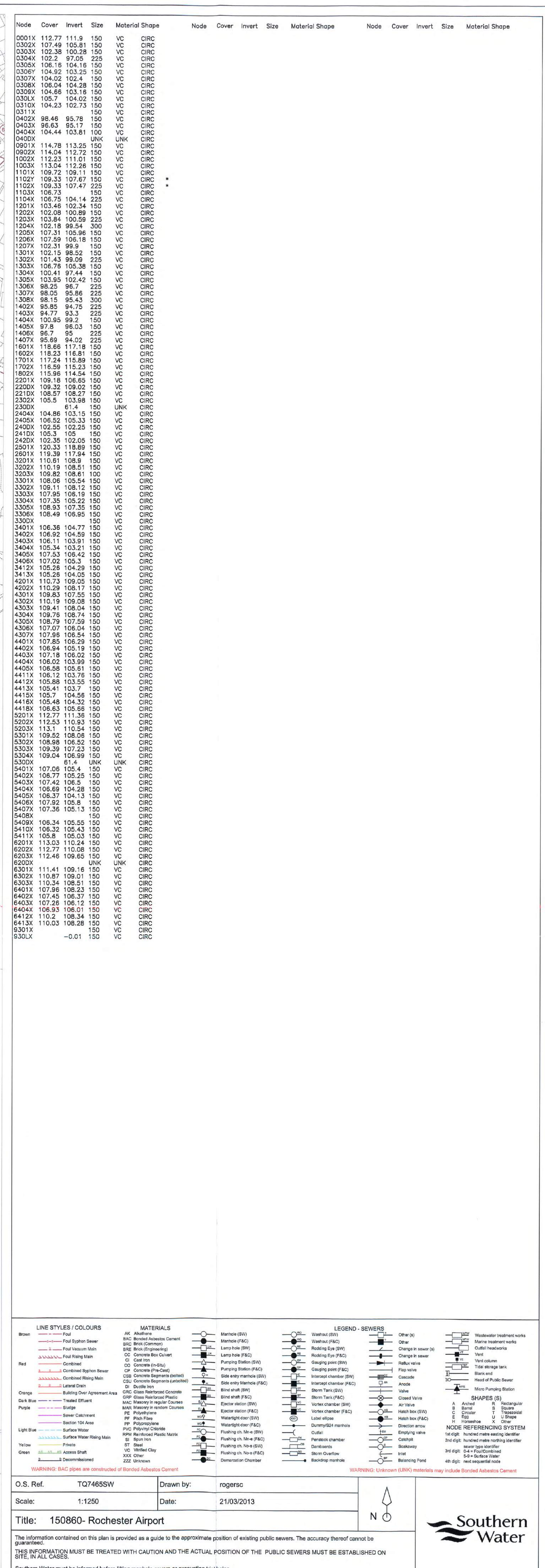
- Provision of record extracts £ 40.00
- VAT @ 20.0% £ 8.00

VAT Registration Number 543 9000 63

Should you require any additional information regarding this matter please contact this office at the address given at the foot of this letter.

Yours faithfully

Land Search Department





Scale:	1:1250	Date:	21/03/2013
Title:	150860- Rochester Airport		

The information contained on this plan is provided as a guide to the approximate position of existing public sewers. The accuracy thereof cannot be guaranteed.

ALL INFORMATION MUST BE TREATED WITH CAUTION AND THE ACTUAL POSITION OF THE PUBLIC SEWERS MUST BE ESTABLISHED ON SITE IN ALL CASES.

Southern Water must be informed before lifting manhole covers or excavating at holes.



Node	Cover	Invert	Size	Material Shape	Node	Cover	Invert	Size	Material Shape	Node	Cover	Invert	Size	Material Shape			
0002X	109.75	108.13	225	VC	CIRC	0003X	102.89	101.19	225	VC	CIRC	0004X	98.78	96.88	225	VC	CIRC
0005X	113.15	111.91	300	CP	CIRC	0006X	100	100	300	CP	CIRC	0007X	105.55	103.27	300	CP	CIRC
0008X	105.55	103.27	300	CP	CIRC	0009X	105.55	103.27	300	CP	CIRC	0010X	105.55	103.27	300	CP	CIRC
0011X	105.55	103.27	300	CP	CIRC	0012X	105.55	103.27	300	CP	CIRC	0013X	105.55	103.27	300	CP	CIRC
0014X	105.55	103.27	300	CP	CIRC	0015X	105.55	103.27	300	CP	CIRC	0016X	105.55	103.27	300	CP	CIRC
0017X	105.55	103.27	300	CP	CIRC	0018X	105.55	103.27	300	CP	CIRC	0019X	105.55	103.27	300	CP	CIRC
0020X	105.55	103.27	300	CP	CIRC	0021X	105.55	103.27	300	CP	CIRC	0022X	105.55	103.27	300	CP	CIRC
0023X	105.55	103.27	300	CP	CIRC	0024X	105.55	103.27	300	CP	CIRC	0025X	105.55	103.27	300	CP	CIRC
0026X	105.55	103.27	300	CP	CIRC	0027X	105.55	103.27	300	CP	CIRC	0028X	105.55	103.27	300	CP	CIRC
0029X	105.55	103.27	300	CP	CIRC	0030X	105.55	103.27	300	CP	CIRC	0031X	105.55	103.27	300	CP	CIRC
0032X	105.55	103.27	300	CP	CIRC	0033X	105.55	103.27	300	CP	CIRC	0034X	105.55	103.27	300	CP	CIRC
0035X	105.55	103.27	300	CP	CIRC	0036X	105.55	103.27	300	CP	CIRC	0037X	105.55	103.27	300	CP	CIRC
0038X	105.55	103.27	300	CP	CIRC	0039X	105.55	103.27	300	CP	CIRC	0040X	105.55	103.27	300	CP	CIRC
0041X	105.55	103.27	300	CP	CIRC	0042X	105.55	103.27	300	CP	CIRC	0043X	105.55	103.27	300	CP	CIRC
0044X	105.55	103.27	300	CP	CIRC	0045X	105.55	103.27	300	CP	CIRC	0046X	105.55	103.27	300	CP	CIRC
0047X	105.55	103.27	300	CP	CIRC	0048X	105.55	103.27	300	CP	CIRC	0049X	105.55	103.27	300	CP	CIRC
0050X	105.55	103.27	300	CP	CIRC	0051X	105.55	103.27	300	CP	CIRC	0052X	105.55	103.27	300	CP	CIRC
0053X	105.55	103.27	300	CP	CIRC	0054X	105.55	103.27	300	CP	CIRC	0055X	105.55	103.27	300	CP	CIRC
0056X	105.55	103.27	300	CP	CIRC	0057X	105.55	103.27	300	CP	CIRC	0058X	105.55	103.27	300	CP	CIRC
0059X	105.55	103.27	300	CP	CIRC	0060X	105.55	103.27	300	CP	CIRC	0061X	105.55	103.27	300	CP	CIRC
0062X	105.55	103.27	300	CP	CIRC	0063X	105.55	103.27	300	CP	CIRC	0064X	105.55	103.27	300	CP	CIRC
0065X	105.55	103.27	300	CP	CIRC	0066X	105.55	103.27	300	CP	CIRC	0067X	105.55	103.27	300	CP	CIRC
0068X	105.55	103.27	300	CP	CIRC	0069X	105.55	103.27	300	CP	CIRC	0070X	105.55	103.27	300	CP	CIRC
0071X	105.55	103.27	300	CP	CIRC	0072X	105.55	103.27	300	CP	CIRC	0073X	105.55	103.27	300	CP	CIRC
0074X	105.55	103.27	300	CP	CIRC	0075X	105.55	103.27	300	CP	CIRC	0076					

LINE STYLES / COLOURS

Blue

Red

Orange

Purple

Light Blue

Yellow

Green

MATERIALS

AC

AS

BC

BS

CC

CD

CE

CF

CG

CH

CI

CJ

CK

CL

CM

CN

CO

CP

CQ

CR

CS

CT

CU

CV

CW

CX

CY

CZ

DD

DE

DF

DG

DH

DI

DJ

DK

DL

DM

DN

DO

DP

DQ

DR

DS

DT

DU

DV

DW

DX

DY

DZ

EE

EF

EG

EH

EI

EJ

EK

EL

EM

EN

EO

EP

EQ

ER

ES

ET

EU

EV

EW

EX

EY

EZ

FF

FG

GH

GI

GJ

GK

GL

GM

GN

GO

GP

GQ

GR

GS

GT

GU

GV

GW

GX

GY

GZ

HH

HI

HJ

HK

HL

HM

HN

HO

HP

HQ

HR

HS

HT

HU

HV

HW

HX

HY

HZ

II

IJ

IK

IL

IM

IN

IO

IP

IQ

IR

IS

IT

IU

IV

IW

IX

IY

IZ

JJ

JK

KL

KM

KN

KO

KP

KQ

KR

KS

KT

KU

KV

KW

KX

KY

KZ

LL

LM

LN

LO

LP

LQ

LR

LS

LT

LU

LV

LW

LX

LY

LZ

MM

MN

MO

MP

MQ

MR

MS

MT

MU

MV

MW

MX

MY

MZ

NN

NO

NP

NQ

NR

NS

NT

NU

NV

NW

NX

NY

NZ

OO

OP

OQ

OR

OS

OT

OU

OV

OW

OX

OY

OZ

PP

PQ

PR

PS

PT

PU

PV

PW

PX

PY

PZ

QQ

QR

QS

QT

QU

QV

QW

QX

QY

QZ

RR

RS

RT

RU

RV

RW

RX

RY

RZ

SS

ST

SV

SW

SX

SY

SZ

TT

TU

TV

TW

TX

TY

TZ

UU

UV

UW

UX

UY

UZ

VV

VW

VX

VY

VZ

WW

WX

WY

WZ

XX

XY

XZ

YY

YZ

ZZ

LEGEND - SEWERS

Other (C)

Other (S)

Other (M)

Other (L)

Other (H)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

Other (J)

Other (K)

Other (N)

Other (O)

Other (P)

Other (Q)

Other (R)

Other (T)

Other (U)

Other (V)

Other (W)

Other (X)

Other (Y)

Other (Z)

Other (A)

Other (B)

Other (D)

Other (E)

Other (F)

Other (G)

Other (I)

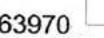
Other (J)

Other (K)

Other (N)

Other (O)

Other (P

573580

TQ7464NE

Title: 150860- rochester Airport

Scale: 1:2500

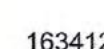
Date: 21/03/2013

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 position of pipes must be determined on site.

WARNING: BAC pipes are constructed of Bonded Asbestos Cement
WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement

Based upon Ordnance Survey Digital Data with the permission of the Controller of H.M.S.O. Crown Copyright
Reserved Licence No. WUJ298530





AK
CI
SI
CO
DI
SAC
BRP
GRE
VC
PE
ST
CSB
CSU
GI
DS
CPS
HPE
??

Ref.	746
	15

IE

- rock

r Airp

																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

rawn
scale:
ate:

ro
1
2

2013

	The the
	WAR WAR
	Bas Res

ns of pip
f inaccur

BAC pi
Unknow

on Ord
Licenc

own on the
the actual
the constru
(K) mate
Survey
WU298

are below the
on of pipe

Bonded
ay includ

il Data

to be con
st be de

stos Cer
ed Asb

the perm

ment
of the

er Servi

oller of

O. Cro

responsibility

copyright

[illegible]

--	--

utl
W

ern
er

575543

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 position of pipes must be determined on site.

WARNING: BAC pipes are constructed of Bonded Asbestos Cement
WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement

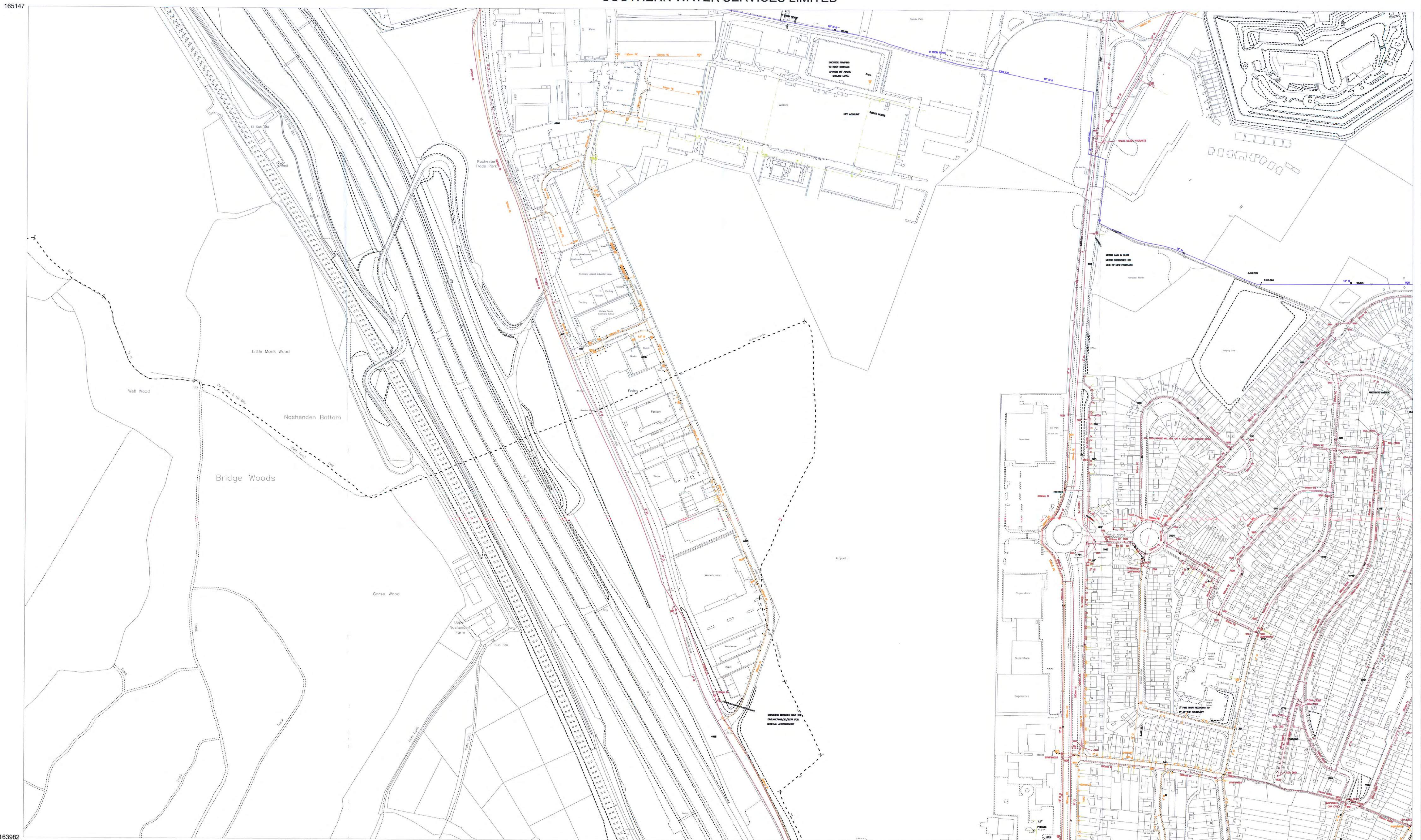
Based upon Ordnance Survey Digital Data with the permission of the Controller of H.M.S.O. Crown Copyright Reserved Licence No. WU296530

SOUTHERN WATER SERVICES LIMITED

165147

163982
573291

573235



LEGEND - MAINS	
	Distribution Main / Communication pipe
	Trunk Main
	Raw water main
	Non potable
	Abandoned main
	Proposed Main
	Fire main
	Non SWS
	Sluice valve
	Closed valve
	Air valve
	Butterfly valve
	Pressure reducing valve
	Reflex valve
	Motorised valve
	Clockwise closing valve
	Fire Hydrant
	Washout
	Washout hydrant
	Motor
	Capped end
	Emptying plug
	Stopcock
	Leak Noise Correlator Survey Point
	Anode
	Telemetry cable
	Access point / hatchbox
	Dialysis machine
	Break pressure tank
	Change node
	Pumping station
	Booster station
	Insertion Flow Meter Point
	Water tower
	Service reservoir
	Water Supply Works
	Bore hole / Well
	Intake
	Customer site
	Sewer insertion point

MATERIALS	
AK	Alkathene
CI	Cast iron
SI	Span (grey) iron
CO	Concrete
DI	Ductile iron
BAC	Bonded Asbestos Cement
GRP	Glass reinforced plastic
GRE	Glass reinforced epoxy
PVC	(Unreinforced) Polyvinyl chloride
PE	Polyethylene
ST	Steel
CSB	Concrete segments bonded
CSU	Concrete segments unbonded
GI	Galvanneal iron
DS	Ductile steel
CPS	Concrete pre-stressed
HPE	High performance polyethylene
??	Unknown

O.S. Ref.
TQ7464NW
Title: 150860- rochester Airport

Drawn by: rogersc
Scale: 1:2500
Date: 21/03/2013

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 position of pipes must be determined on site.
WARNING: BAC pipes are constructed of Bonded Asbestos Cement
WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement
Based upon Ordnance Survey Digital Data with the permission of the Controller of H.M.S.O. Crown Copyright Reserved Licence No. WU298530

Appendix C: Surface Water Drainage Strategy

Table 1 -

Parcel Characterisation and Storage Requirements										
Parcel	Site Data				Infiltration Characteristics		Storage Requirement (m³)		Volumes to be Managed on site (m³)	
	Area	% of Total site area	20% Permeable	80% Impermeable	Assumed Infiltration Rate (m/s)	Assumed Infiltration Area (m²)	1 in 30	1 in 100 + 40% Climate Change	To be contained in drainage system	Can be controlled in flow exceedance management
1	35400m²	19%	7080m²	28320m²	0.36	150	1351	2825	1351	1474
2	48200m²	26%	9640m²	38560m²	0.36	210	1750	3795	1750	2045
3	45000m²	24%	9000m²	36000m²	0.36	190	1660	3570	1660	1910
4	25600m²	14%	5120m²	20480m²	0.36	120	935	2025	935	1090
5	32300m²	17%	6460m²	25840m²	0.36	140	1195	2575	1195	1380
Total Site Area	186500m²	100%	37300m²	149200m²	n/a	810	6891	14790	6891	7899

Table 2 -

Proposed Makeup of Runoff Volumes to be Contained in the Drainage System							
Parcel	Required Volume (m³)	Swale at 750mm deep, 5m wide, 1 in 3 sides (m)	Dry Basins at 1m deep, 1 in 3 sides (m²)	Permeable paving with 450mm subbase (m²)	Tree pit storage (m²)	Below ground 1m dp cellular storage tank (m²)	Proposed Volume (m³)
		15%	25%	25%	7.5%	27.5%	
							
1	1351	80	282	5380	482	75	1354
2	1750	190	581	5227	366	0	1762
3	1660	0	0	7353	751	525	1663
4	935	0	0	636	367	810	939
5	1195	0	0	3899	0	705	1196
Total Site Area	6891m²	270	863	22495	1966	2115	6914

Table 3 -

Proposed Options for Control of Flow Exceedance Volumes					
Parcel	Volume (m³)	Managed in low risk soft landscaped area (m²)	or	Managed in low risk hard paved areas (m²)	
		At maximum 500mm total depth		At maximum 300mm total depth	At maximum 150mm total depth
1	1474	2948.00	or	4913	19653
2	2045	4090.00		6817	27267
3	1910	3820.00		6367	25467
4	1090	2180.00		3633	14533
5	1380	2760.00		4600	18400
Total Site Area	7899m²	15798m²		26330m²	105320m²



Outline Drainage Strategy Statement

Parcels 1 to 5:
Each parcel is to be served by its own surface water drainage network connected to dedicated soakaway features at strategic locations within each parcel. Table 1 displays the characteristics of each Parcel, and the calculated storage requirements. Within Table 2, features have been put forward to contain the volume associated within the 1 in 30 year critical storm event within the drainage system. Within Table 3, options are put forward for flow exceedance management during a 1 in 100 year + 40% CC critical storm event.

Highways:
To be drained via their own surface water drainage network connected to dedicated highway soakaway features at strategic locations adjacent to the highway corridors.

NOTES

- DO NOT SCALE THIS DRAWING ON PRINT OR ELECTRONICALLY. WORK FROM FIGURED DIMENSIONS ONLY.
- No deviation from the details shown on this drawing is allowed without CampbellReith's prior permission in writing.
- Read this drawing with all Architects, Service Engineers and CampbellReith's relevant details and drawings. NB, Setting-out dimensions as per the Architect's drawings take precedence.
- All work is to be in accordance with the relevant specifications issued by CampbellReith, British Standard Codes of Practice, Statutory requirements and the Contract Documents.
- DRAWING STATUS
P - PRELIMINARY - Evolving drawings for approvals, Tenders, Bilings, etc.
C - CONSTRUCTION - Fully developed drawings issued under instruction for construction.
ONLY STATUS C DRAWINGS TO BE USED FOR CONSTRUCTION.
- SUITABILITY CODE
WORK IN PROGRESS:
S0 - Work in progress
SHARED (NON-CONTRACTUAL):
S1 - For coordination, **S2** - For information, **S3** - For internal review and comment, **S4** - For construction approval.
DOCUMENTATION (FOR CONTRACTOR PURPOSES):
D1 - For costing, **D2** - For Tender, **D3** - For contractor design, **D4** - For manufacture / procurement.
CONSTRUCTION:
A - For construction, **B** - For construction but with comments (i.e. areas in abeyance), **C** - Comprehensive revisions required.
- The permeable and impermeable areas noted in Table 1 are to be confirmed.
- The proposed surface water drainage has been developed on the assumption that infiltration as the primary means of surface water disposal is viable. The infiltration rate stated in Table 1 are indicative only and have been inferred from a desktop assessment of the geology likely to be encountered. To confirm the viability of infiltration as the means of surface water disposal soakage tests to BRE 385 are required. Should infiltration prove not to be viable, alternative means of surface water disposal will need to be sought.
- Infiltration features are to be located 10m away from all structures and the associated foundations.
- The relative split between the proposed features noted in Table 2 to achieve the overall required volume of attenuation required is to be confirmed.
- Pre-application consultation with Medway Council as the Lead Local Flood Authority is required to confirm the appropriateness of the proposed drainage strategy in terms of the proposed approach to managing surface water.

P1	DRAFT FOR COMMENTS	31.08.18	GK
Status/Rev	Description	Date	By

CampbellReith
consulting engineers

LONDON 020 7340 1700
SURREY 01737 784 500
BRISTOL 0117 916 1066
MANCHESTER 0161 819 3060
BIRMINGHAM 01675 467 484
DUBAI 00 971 4345 7088
www.campbellreith.com

Job Title
INNOVATION PARK MEDWAY
Client
MEDWAY COUNCIL

SURFACE WATER
DRAINAGE STRATEGY

DRAWN BY	DATE MADE	SCALE @ A1	C1 CHECKED	SUITABILITY	SUITABILITY DESCRIPTION
JSR	JULY'18	AS SHOWN	-	S0	FOR INFORMATION

PROJECT No	ISSUER	AREA	LEVEL	TYPE	ROLE	NUMBER	REVISION
12841	CRH	Z1	XX	DR	C	5050	P1

London

Friars Bridge Court
41- 45 Blackfriars Road
London, SE1 8NZ

T: +44 (0)20 7340 1700
E: london@campbellreith.com

Birmingham

Chantry House
High Street, Coleshill
Birmingham B46 3BP

T: +44 (0)1675 467 484
E: birmingham@campbellreith.com

Surrey

Raven House
29 Linkfield Lane, Redhill
Surrey RH1 1SS

T: +44 (0)1737 784 500
E: surrey@campbellreith.com

Manchester

No. 1 Marsden Street
Manchester
M2 1HW

T: +44 (0)161 819 3060
E: manchester@campbellreith.com

Bristol

Wessex House
Pixash Lane, Keynsham
Bristol BS31 1TP

T: +44 (0)117 916 1066
E: bristol@campbellreith.com

UAE

Office 705, Warsan Building
Hessa Street (East)
PO Box 28064, Dubai, UAE

T: +971 4 453 4735
E: uae@campbellreith.com

Campbell Reith Hill LLP. Registered in England & Wales. Limited Liability Partnership No OC300082
A list of Members is available at our Registered Office at: Friars Bridge Court, 41- 45 Blackfriars Road, London SE1 8NZ
VAT No 974 8892 43