Building 7000

N

THE REQUIRED SURVEY AREA)

Langbrook Farm Pub

Notes :

Station	Easting	Northing	Level
A	471327.174	105618.327	5.139
B	471287.031	105621.157	5.047
C	471223.321	105623.543	4.507
D	471150.333	105638.388	5.041
DHL	471086.942	105616.462	4.603
E	471138.230	105558.475	4.859
F	471204.372	105505.594	4.301
G	471100.662	105494.346	4.442
H	471089.990	105554.552	4.446
I	471090.650	105580.715	4.591
RI1	471401.011	105657.802	7.633
RI2	471386.909	105675.284	7.584
RI4	471105.132	105819.519	5.133
RI5	471091.903	105809.324	5.373
Z	471338.290	105617.911	5.141
SEA	471441.101	105765.709	7.673
SEB	471500.619	105763.903	8.388
SEC	471416.131	105855.587	7.946
SECHL	471353.954	105867.887	5.373
SED	471516.282	105854.354	5.263

Stations A, B, C, D, DHL, E, F, H, I, Z, RI4, RI5 and SED are marked with a PK Nail.
Stations G, RI1, RI2, SEA, SEB, SEC and SECHL are marked with a Wooden stake.

0 3m 6m 9m 12m 15m 18m 21m 24m 27m 30m

1 2 3
4 5 6
7 8

Rev:	Comments	By	Chkd	Date
-	-	-	-	-

SURVEYBASE
Surveying & BIM
www.surveybase.co.uk
Bath: 01225 314370 - London: 02039 066892

Langstone Technology Park,
Langstone Road, Havant, PO9 1SA

File Name:
Db4207-USP

Drawing Title :
Utilities Survey Of Langstone Technology Park
Sheet (6 of 8 A0)

Client:
AWW

Date
26/04/2019

Scale
A0 @ 1:200

Drawn by:	Checked by:	Project Code:	Revision:
db - AS	db - RI	Db4207-USP	-

Grid Orientation:
North GPS

Site Level Datum
OS GPS

All dimensions are to be checked on site where applicable.This drawing must not be scaled, and only written dimensions should be respected.

Tree species and sizes on this drawing are not guaranteed, and if critical should be verified by an arboriculturist. Tree spreads are average about the trunk, and heights are approximate at the time of the survey.

N

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Stations G, RI1, RI2, SEA, SEB, SEC and SECHL are marked with a Wooden stake.

0N_DETAIL_SURVEY

AP	Air Pipe	CP	Concrete Pipe
AV	Air Valve	CR	Crown
BB	Bench Mark	CS	Concrete Slab
BC	Bollard Cover	CT	Concrete Tank
BH	Borehole	CV	Control Valve
BO	Bollard	DC	Drainage Channel
BS	Bus Stop	DI	Drainage Inlet
BT	Bus Station	DO	Drainage Outlet
BU	Buried Unit	DP	Down Pipe
BW	Boundary Wall	DW	Dwarf Wall
CA	Catchpit	EB	Electric Box
CB	Concrete Base	EC	Electric Cover
CC	Concrete Cover	EM	Electric Meter
CE	Centre Line	EP	Electric Pole
CH	Chamber	FB	Flower Bed
CL	Cable	FC	Fence Corner
CM	Communication Box	FH	Fire Hydrant
CO	Cover	FL	Flood Light
CP	Concrete Pipe	FP	Footpath
CR	Crown	GA	Gate
CS	Concrete Slab	GB	Grit Bin
CT	Concrete Tank	GC	Gas Cover
CV	Control Valve	GM	Gas Meter
DC	Drainage Channel	GP	Guard Post
DI	Drainage Inlet	GR	Grating
DO	Drainage Outlet	GV	Gas Valve
DP	Down Pipe	HC	Hedge Centre
DW	Dwarf Wall	HE	Hedge Edge
EB	Electric Box	HH	Hand Hole
EC	Electric Cover	HR	Hedge Row
EM	Electric Meter	HT	Height
EP	Electric Pole	IC	Inspection Chamber
FB	Flower Bed	IL	Invert Level
FC	Fence Corner	IP	Iron Pipe
FH	Fire Hydrant	IS	Iron Stake
FL	Flood Light	KC	Kerb Corner
FP	Footpath	KD	Kerb Dropped
GA	Gate	KE	Kerb Edge
GB	Grit Bin	KR	Kerb Radius
GC	Gas Cover	LA	Lamp
GM	Gas Meter	LC	Lamp Column
GP	Guard Post	LP	Lamp Post
GR	Grating	LS	Landscape Area
GV	Gas Valve	MB	Marker Post
HC	Hedge Centre	MH	Manhole
HE	Hedge Edge	MK	Mark
HH	Hand Hole	MP	Marker Post
HR	Hedge Row	NP	No Parking
HT	Height	OB	Object
IC	Inspection Chamber	OH	Overhead Line
IL	Invert Level	OP	Overhead Pole
IP	Iron Pipe	PA	Parking Area
IS	Iron Stake	PB	Post Box
KC	Kerb Corner	PC	Pedestal Control
KD	Kerb Dropped	PD	Pedestal Detector
KE	Kerb Edge	PE	Pedestrian Crossing Edge
KR	Kerb Radius	PF	Pedestrian Crossing Flashing
LA	Lamp	PG	Pedestrian Guard Rail
LC	Lamp Column	PH	Pedestrian Crossing Phase
LP	Lamp Post	PI	Pedestrian Crossing Island
LS	Landscape Area	PL	Pedestrian Crossing Light
MB	Marker Post	PM	Pedestrian Crossing Marker
MH	Manhole	PO	Pedestrian Crossing Post
MK	Mark	PP	Power Pole
MP	Marker Post	PR	Pedestrian Crossing Rail
NP	No Parking	PS	Pedestrian Crossing Sign
OB	Object	PT	Pedestrian Crossing Push
OH	Overhead Line	PU	Pedestrian Crossing Push Unit
OP	Overhead Pole	PW	Pedestrian Crossing Wire
PA	Parking Area	RA	Railway
PB	Post Box	RB	Rail Buffer
PC	Pedestal Control	RC	Road Centre
PD	Pedestal Detector	RD	Road Drain
PE	Pedestrian Crossing Edge	RE	Road Edge
PF	Pedestrian Crossing Flashing	RG	Railway Gate
PG	Pedestrian Guard Rail	RI	Road Island
PH	Pedestrian Crossing Phase	RL	Road Level
PI	Pedestrian Crossing Island	RM	Road Marking
PL	Pedestrian Crossing Light	RP	Road Post
PM	Pedestrian Crossing Marker	RS	Road Sign
PO	Pedestrian Crossing Post	SA	Service Access
PP	Power Pole	SB	Service Box
PR	Pedestrian Crossing Rail	SC	Service Cover
PS	Pedestrian Crossing Sign	SD	Soil Drain
PT	Pedestrian Crossing Push	SE	Soil Vent
PU	Pedestrian Crossing Push Unit	SH	Shrub
PW	Pedestrian Crossing Wire	SI	Soil Inlet
RA	Railway	SK	Sketch Point
RB	Rail Buffer	SL	Street Light
RC	Road Centre	SM	Service Marker
RD	Road Drain	SO	Soil Outlet
RE	Road Edge	SP	Soil Pipe
RG	Railway Gate	SS	Soil Stack
RI	Road Island	ST	Stop Tap
RL	Road Level	SV	Sluice Valve
RM	Road Marking	TA	Tactile Area
RP	Road Post	TB	Tree Base
RS	Road Sign	TC	Tree Centre
SA	Service Access	TD	Tree Dripline
SB	Service Box	TE	Tree Edge
SC	Service Cover	TK	Tank
SD	Soil Drain	TL	Traffic Light
SE	Soil Vent	TM	Traffic Light Marker
SH	Shrub	TP	Telephone Pole
SI	Soil Inlet	TR	Tree
SK	Sketch Point	TS	Traffic Light Stop
SL	Street Light	TT	Traffic Light Push
SM	Service Marker	TU	Traffic Light Push Unit
SO	Soil Outlet	TW	Traffic Light Wire
SP	Soil Pipe	UC	Underground Chamber
SS	Soil Stack	UM	Underground Marker
ST	Stop Tap	UP	Underground Pole
SV	Sluice Valve	VP	Vent Pipe
TA	Tactile Area	WA	Water Tank
TB	Tree Base	WC	Water Cover
TC	Tree Centre	WE	Weir
TD	Tree Dripline	WH	Wheel Chair Ramp
TE	Tree Edge	WM	Water Meter
TK	Tank	WP	Water Pipe
TL	Traffic Light	WT	Water Tank
TM	Traffic Light Marker	WV	Water Valve
TP	Telephone Pole	YB	Yellow Box
TR	Tree		
TS	Traffic Light Stop		
TT	Traffic Light Push		
TU	Traffic Light Push Unit		
TW	Traffic Light Wire		
UC	Underground Chamber		
UM	Underground Marker		
UP	Underground Pole		
VP	Vent Pipe		
WA	Water Tank		
WC	Water Cover		
WE	Weir		
WH	Wheel Chair Ramp		
WM	Water Meter		
WP	Water Pipe		
WT	Water Tank		
WV	Water Valve		
YB	Yellow Box		

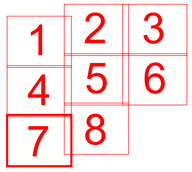
0N_FENCES/RAILS/DIVISIONS

BW	Boundary Wall	PW	Post and Wire Fence
CF	Chain Link Fence	RA	Railway
CL	Conifer Hedge	RF	Railing Fence
CW	Corrugated Steel Fence	SW	Steel Railings
DW	Dwarf Wall	TF	Timber Fence
HE	Hedge Edge	TW	Timber Post and Rail Fence
HR	Hedge Row	WF	Wooden Fence
PF	Post & Panel Fence	WW	Wire Fence

0N_BUILDINGS

AP	Apex	PL	Pump Level
BA	Barn	PO	Post Office
BG	Bungalow	PS	Public Shelter
BS	Bus Shelter	PU	Public Utility
CA	Canopy	RC	Recycling Centre
CH	Church	RE	Religious Education
CL	Clinic	RH	Retirement Home
CO	Community Centre	SC	School
CR	Crematorium	SH	Shed
CT	Control Tower	SP	Sports Pavilion
DH	Detached House	SU	Substation
FB	Fire Brigade	TH	Terraced House
FC	Factory	TO	Town Hall
FH	Farm House	TR	Transformer
FS	Fuel Station	TU	Tunnel
GA	Garage	WC	Water Closet
GH	Guest House	WT	Water Tank
HO	Hotel		
HS	Hospital		
LI	Library		
MO	Monument		
MU	Museum		
PA	Public Amenities		
PH	Public House		
PL	Pump Level		
PO	Post Office		
PS	Public Shelter		
PU	Public Utility		
RC	Recycling Centre		
RE	Religious Education		
RH	Retirement Home		
SC	School		
SH	Shed		
SP	Sports Pavilion		
SU	Substation		
TH	Terraced House		
TO	Town Hall		
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WC	Water Closet		
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Rev:	Comments	By	Chkd	Date

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Langstone Technology Park,
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File Name:
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Drawing Title :
Utilities Survey Of Langstone Technology Park
Sheet (7 of 8 A0)

Client:	Date
AWW	26/04/2019
	Scale: A0 @ 1:200

Drawn by:	Checked by:	Project Code:	Revision:
db - AS	db - RI	Db4207-USP	---

Grid Orientation:	Site Level Datum
North GPS	OS GPS

All dimensions are to be checked on site where applicable.This drawing must not be scaled, and only written dimensions should be respected.

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0 3m 6m 9m 12m 15m 18m 21m 24m 27m 30m

Gas	GAS GAS GAS GAS GAS
Water	W W W W W
Telephone	BT BT BT BT BT
Catv	CATV CATV CATV CATV CATV
CCTV	CCTV CCTV CCTV CCTV CCTV
Comms	COM COM COM COM COM
Fibre Optics	FO FO FO FO FO
Pipe	PIPE PIPE PIPE PIPE
Vents	V V V V V
Fuel	F F F F F
Offsets	O O O O O
Vapour Recovery	VR VR VR VR VR
Gauge Lines	G G G G G
Unidentified GPR	U.GPR U.GPR U.GPR U.GPR
Unidentified EML	U.EML U.EML U.EML U.EML
Taken From Records	E.TFR E.TFR E.TFR E.TFR
Assumed Routes	GAS.AR GAS.AR GAS.AR GAS.AR
Empty Ducts	ED ED ED ED ED
Earth Rod	ER ER ER ER ER
Rising Main	RM RM RM RM RM
Overhead	OH OH OH OH OH
Heating Pipes	
Traffic Signals	TS TS TS TS TS

Where chamber extents are significantly greater than the cover size, their approximate extents are shown thus;

ABBREVIATION KEY

AR	assumed route
BD	base bend
BD	backdrop
CP	cable pit
CL	cover level
DP	down pipe
DP	down pipe
EOT	end of trace
EP	electricity pole
FH	fire hydrant
G	gas
GV	gate valve
HOR	head of run
HL	high level
IC	inspection chamber
IL	invert level
MH	manhole
PRV	pressure riser
RE	rodding eye
RWP	rainwater pipe
SV	scour valve
SVP	soil vent pipe
TC	trapped exit
TFR	taken from records
TP	telegraph pole
UTF	unable to find
UTL	unable to lift
UTS	unable to survey
UTT	unable to trace
VP	vent pipe
WC	water course
WM	water meter
WO	wash out valve

UTILITY SURVEY NOTES

ELECTROMAGNETIC AND/OR GROUND PENETRATING RADAR TECHNIQUES HAVE BEEN USED TO LOCATE AND MAP UNDERGROUND UTILITIES AND FEATURES ON THIS DRAWING. ALL HAVE MADE EVERY ENDEAVOUR TO MAKE SURE THAT THE INFORMATION SHOWN IS AS ACCURATE AS POSSIBLE. HOWEVER, WE CANNOT GUARANTEE THE ACCURACY OF THE RESULTS FROM THESE TYPES OF SURVEYS AND NOT INFALLIBLE AND SHOULD THE LOCATION OR DEPTH OF SERVICES/FEATURES BE OF PARTICULAR IMPORTANCE TO A PROJECT, THEN IT IS STRONGLY ADVISED THAT TRIAL EXCAVATIONS SHOULD BE UNDERTAKEN TO CONFIRM SURVEY RESULTS.

ALL HAVE USED ALL RECORD DRAWINGS THAT WERE AVAILABLE TO US BY THE CLIENT OR BY THE STATUTORY UTILITY PROVIDERS AT THE TIME OF THE SURVEY. ANY INFORMATION TAKEN FROM THESE DRAWINGS (IE PIPE SIZES, MATERIALS, DEPTHS ETC) IS SHOWN AS TFR (TAKEN FROM RECORDS) ON THE SURVEY. DUE TO THE NATURE OF INFORMATION TAKEN FROM RECORDS (TFR), HISTORIC RECORD INFORMATION IS OFTEN INCOMPLETE/INACCURATE AND CANNOT BE RELIED UPON.

A SINGLE LINE INDICATING A UTILITY MAY INDICATE THE PRESENCE OF MULTIPLE SERVICES WITHIN CLOSE PROXIMITY TO EACH OTHER. WHERE A SINGLE LINE TYPE IS SHOWN WE RECOMMEND HAND DIGGING WITHIN 0.5m, TO EXPOSE HIDDEN SERVICES.

WHERE QUOTED, DEPTH INFORMATION OF UNDERGROUND SERVICES/FEATURES IS STATED. DEPTHS ARE GENERALLY WITHIN +/- 10% ACCURATE, BUT CANNOT BE GUARANTEED. ANY DEPTHS SHOWN ARE USUALLY TO THE TOP OF THE SERVICE/FEATURE (EXCEPTIONALLY SEWERS AND DRAINS ARE USUALLY TO INVERT (BASE OF DRAINAGE CHANNEL) UNLESS OTHERWISE STATED.

AT AVA WE USE SKILLED STAFF AND MODERN CALIBRATED EQUIPMENT TO PERFORM OUR SURVEYS, HOWEVER, THE COMPLETENESS OF ANY UNDERGROUND SURVEY CANNOT BE 100% GUARANTEED AND WE CANNOT BE HELD RESPONSIBLE FOR ANY INACCURACIES BEYOND THOSE THAT COULD BE REASONABLY EXPECTED BY A COMPETENT COMPANY.

CONTRACTORS UTILISING OUR DRAWINGS FOR INTRUSIVE WORK SHOULD TAKE ALL REASONABLE MEASURES TO WORK SAFELY IN ACCORDANCE WITH HSG47 GUIDELINES "AVOIDING DANGER FROM UNDERGROUND SERVICES".

N

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0N DETAIL SURVEY

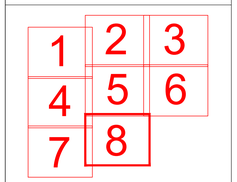
AB Air Bricks
AC Access Cover
AD Advanced Detection
AI Area Inlet
ASP Asphalt Step
B Bollard
BA Bus Stop
BC Bus Shelter
BE Bench
BH Borehole
BI Bin
BL Bollard Light
BO Bollard
BP Boundary Post
BR Barrier
BS Bus Stop
BT Bus Timetable
BU Buoy
BW Bus Shelter
BX Box
C Cable
CA Cable Marker
CB Catch Basin
CC Concrete Cover
CD Cable Duct
CE Centre Line
CH Chamber
CL Cable Link
CM Communication Box
CO Cover
CP Control Point
CR Crossing
CS Cast Iron Surface Box
CT Cable TV
CV Culvert
CW Cattle Grid
D Drain
DA Data
DB Distribution Box
DC Drainage Channel
DE Depression
DI Drain Inlet
DM Dummy
DO Door
DP Down Pipe
DR Drain
DS Down Spout
E Electric
EA Earth
EB Electric Box
EC Electric Cover
EH Electric Hatch
EL Electric Light
EM Electric Meter
EN Entrance
EP Electric Pole
ES Electric Socket
ET Electric Transformer
EV Electric Valve
EW Electric Wire
F Fence
FA Fascia
FB Flower Bed
FC Fence Corner
FD Field Drain
FE Fence End
FG Flood Gate
FH Fire Hydrant
FL Flood Light
FM Flow Meter
FO Fibre Optic
FP Flood Pole
FR Fence Rail
FS Flood Sign
FT Fence Post
G Gas
GA Gate
GB Grit Bin
GC Gas Cover
GD Guide Post
GE Gas Meter
GF Gas Flange
GG Gas Governor
GH Gas Hatch
GI Gas Inlet
GL Gas Light
GM Gas Marker
GO Gas Outlet
GP Guard Post
GR Grating
GS Gas Service
GT Gas Tap
GU Gas Valve
GW Gas Well
H Hedge
HA Hatch
HB Hedge Bank
HC Hedge Cut
HD Hand Rail
HE Hedge End
HG Hedge Gap
HH Hand Hole
HL Hedge Line
HR Hedge Row
HS Hedge Stump
HT Hedge Trim
HW Hedge Width
I Invert
IC Inspection Chamber
IL Invert Level
IP Iron Pipe
IR Iron Rail
J Junction
JB Junction Box
K Kerb
KA Kerb Angle
KB Kerb Bottom
KC Kerb Corner
KD Kerb Dropped
KE Kerb End
KF Kerb Face
KG Kerb Gap
KH Kerb Height
KI Kerb Inlet
KL Kerb Line
KR Kerb Radius
KS Kerb Stone
KT Kerb Top
KW Kerb Width
L Light
LA Lamp
LB Letter Box
LC Level Crossing
LD Land Drain
LE Leat
LG Lamp Column
LH Lamp Head
LI Light
LL Lamp Light
LP Lamp Post
LS Landscape
LT Light
LV Low Voltage
M Manhole
MA Mast
MB Marker Post
MC Motorway Cover
MD Motorway Chamber
ME Motorway Edge
MF Motorway Frame
MG Motorway Gully
MH Manhole
MI Motorway Inlet
MK Mark
ML Motorway Light
MM Motorway Marker
MO Motorway Outlet
MP Motorway Post
MR Motorway Rail
MS Motorway Sign
MT Motorway Terminal
MU Motorway Unit
MV Motorway Valve
MW Motorway Wire
N Notice
NB Notice Board
NP Notice Post
O Oil
OA Oil Valve
OB Oil Bollard
OC Oil Cover
OD Oil Drain
OE Oil Meter
OF Oil Flange
OG Oil Gauge
OH Oil Hatch
OI Oil Inlet
OL Oil Light
OM Oil Marker
OO Oil Outlet
OP Oil Pipe
OR Oil Riser
OS Oil Service
OT Oil Tap
OU Oil Valve
OW Oil Well
P Post
PA Path
PB Post Box
PC Pipe Cover
PD Pedestal
PE Pipe End
PF Pipe Flange
PG Pipe Guard
PH Pothole
PI Pipe
PL Pipe Line
PM Parking Meter
PO Post
PP Power Pole
PR Pipe Riser
PS Pipe Support
PT Pipe Tap
PU Pump
PV Pipe Valve
PW Pipe Work
PY Pay Point
R Rail
RA Rail Access
RB Rail Buffer
RC Rail Cover
RD Road Drain
RE Rodding Eye
RG Rail Gate
RH Rail Hatch
RI Rail Inlet
RL Rail Light
RM Rail Marker
RO Rail Post
RP Rail Pipe
RR Rail Riser
RS Rail Support
RT Rail Tap
RU Rail Valve
RW Rail Work
S Sign
SA Sign Arm
SB Sign Bollard
SC Sign Cover
SD Sand Drain
SE Sign Face
SF Sign Flange
SG Sign Gantry
SH Sign Hatch
SI Sign Inlet
SL Sign Light
SM Sign Marker
SO Sign Post
SP Sign Post
SR Sign Rail
SS Sign Support
ST Sign Tap
SU Sign Valve
SW Sign Work
T Telegraph
TA Tank
TB Telegraph Box
TC Telegraph Cover
TD Telegraph Duct
TE Telegraph End
TF Telegraph Flange
TG Telegraph Guard
TH Telegraph Hatch
TI Telegraph Inlet
TL Telegraph Light
TM Telegraph Marker
TO Telegraph Post
TP Telegraph Pole
TR Telegraph Riser
TS Telegraph Support
TT Telegraph Tap
TU Telegraph Valve
TW Telegraph Work
U Unknown
UA Unknown Valve
UB Unknown Bollard
UC Unknown Cover
UD Unknown Drain
UE Unknown Meter
UF Unknown Flange
UG Unknown Gully
UH Unknown Hatch
UI Unknown Inlet
UL Unknown Light
UM Unknown Marker
UO Unknown Post
UP Unknown Pipe
UR Unknown Riser
US Unknown Support
UT Unknown Tap
UU Unknown Valve
UW Unknown Work
V Vent
VA Vent Valve
VB Vent Bollard
VC Vent Cover
VD Vent Drain
VE Vent Meter
VF Vent Flange
VG Vent Gully
VH Vent Hatch
VI Vent Inlet
VL Vent Light
VM Vent Marker
VO Vent Post
VP Vent Pipe
VR Vent Riser
VS Vent Support
VT Vent Tap
VU Vent Valve
VW Vent Work
W Water
WA Water Valve
WB Water Bollard
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WE Water Meter
WF Water Flange
WG Water Gully
WH Water Hatch
WI Water Inlet
WL Water Light
WM Water Marker
WO Water Post
WP Water Pipe
WR Water Riser
WS Water Support
WT Water Tap
WU Water Valve
WW Water Work

0N FENCES/WALLS/DIVISIONS

FA Fence and Wall Facing
FC Chainlink Fence
FE Estate Fence
FH Hoarding
FI Iron Railings
FL Fence Line
FM Metal Fence
FP Post and Rail Fence
FR Railings
FS Security Fence
FW Fence with Wall
FX Fence with Kerb
HB Hedge and Bank
HE Hedge and Fence
HW Hedge and Wall
WA Wall
WB Brick Wall
WC Concrete Wall
WD Dry Stone Wall
WE Earth Wall
WF Flint Wall
WG Garden Wall
WH Harling Wall
WI Iron Wall
WM Metal Wall
WR Retaining Wall
WS Stone Wall

0N BUILDINGS

AP Apartments
BA Barn
BC Bus Shelter
BG Bungalow
BH Boat House
BK Block
BS Bus Station
BT Bothy
CA Canopy
CB Cabin
CC Church
CH Chapel
CL Club House
CO Cottage
CR Crematorium
CS Castle
CT Control Tower
DA Dairy
DE Detached
DH Detached House
DO Dog Kennel
EX Exchange
FA Factory
FB Fire Station
FC Factory Chimney
FH Farm House
FO Footbridge
FS Farm Shop
GA Garage
GC Garage Cluster
GH Guest House
GR Greenhouse
HA Hall
HO House
HS Hospital
HT Hotel
IN Institute
KI Kiosk
LI Library
LO Lodge
MA Manor House
MB Mobile Home
MC Mosque
MH Mission Hall
MI Mill
MK Market
MO Monument
MS Museum
MU Multi-Storey
NU Nursery
OB Observatory
OF Office
PA Pavilion
PC Public Convenience
PH Public House
PO Post Office
PP Pumping Station
PS Police Station
PU Pub
PV Private
PW Pumping Station
RE Residential
RF Refuse Tip
RH Retirement Home
RS Residential School
SA Sanatorium
SB Semi-Detached Bungalow
SC School
SD Semi-Detached House
SE Service Station
SH Shop
SI Silo
SP Sports Pavilion
SR Sorting Office
SS Substation
ST Stadium
SU Summer House
SY Synagogue
TE Terraced
TH Town Hall
TO Tower
TP Transformer Pole
TR Transformer
TW Terraced Bungalow
UC University Building
UN Underground Station
VI Village Hall
WA Warehouse
WB Weather Boarding
WC Water Closet
WE Weather Station
WF Wind Farm
WI Windmill
WK Workshop
WO Workshop
WP Water Pump
WT Water Tower



Rev:	Comments	By	Chkd	Date

SURVEYBASE
Surveying & BIM
www.surveybase.co.uk
Bath: 01225 314370 - London: 02039 066892

Langstone Technology Park,
Langstone Road, Havant, PO9 1SA

File Name:
Db4207-USP

Drawing Title :
Utilities Survey Of Langstone Technology Park
Sheet (8 of 8 A0)

Client:	Date
AVW	26/04/2019
	Scale: A0 @ 1:200

Drawn by:	Checked by:	Project Code:	Revision:
db - AS	db - RI	Db4207-USP	---

Grid Orientation:	Site Level Datum
North GPS	OS GPS

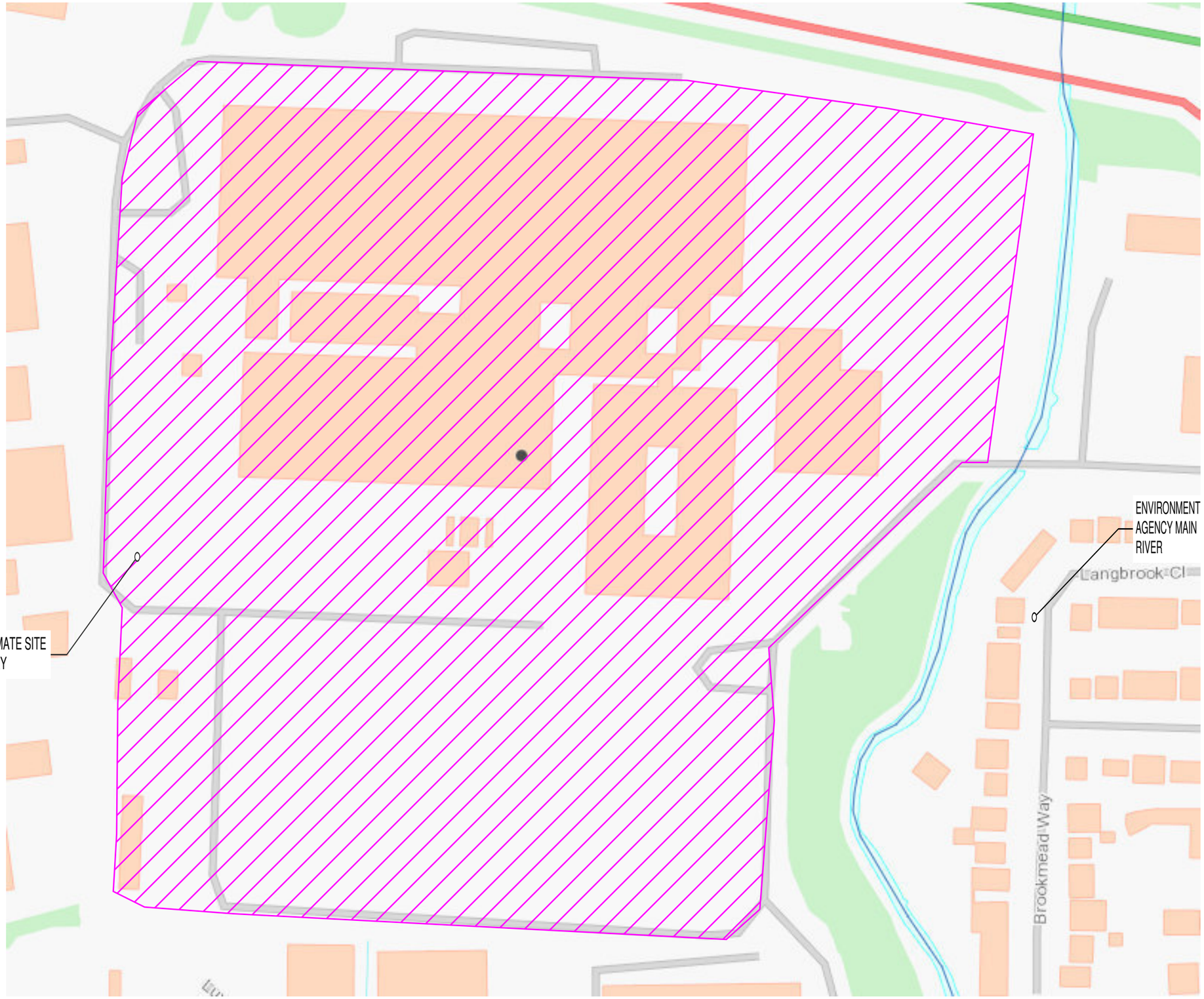
All dimensions are to be checked on site where applicable.This drawing must not be scaled, and only written dimensions should be respected.

Tree species and sizes on this drawing are not guaranteed, and if critical should be verified by an arboriculturist. Tree spreads are average about the bole, and heights are approximate at the time of the survey.

0 3m 6m 9m 12m 15m 18m 21m 24m 27m 30m

APPENDIX C

Existing Drainage



clancy consulting
Over 40 years in business

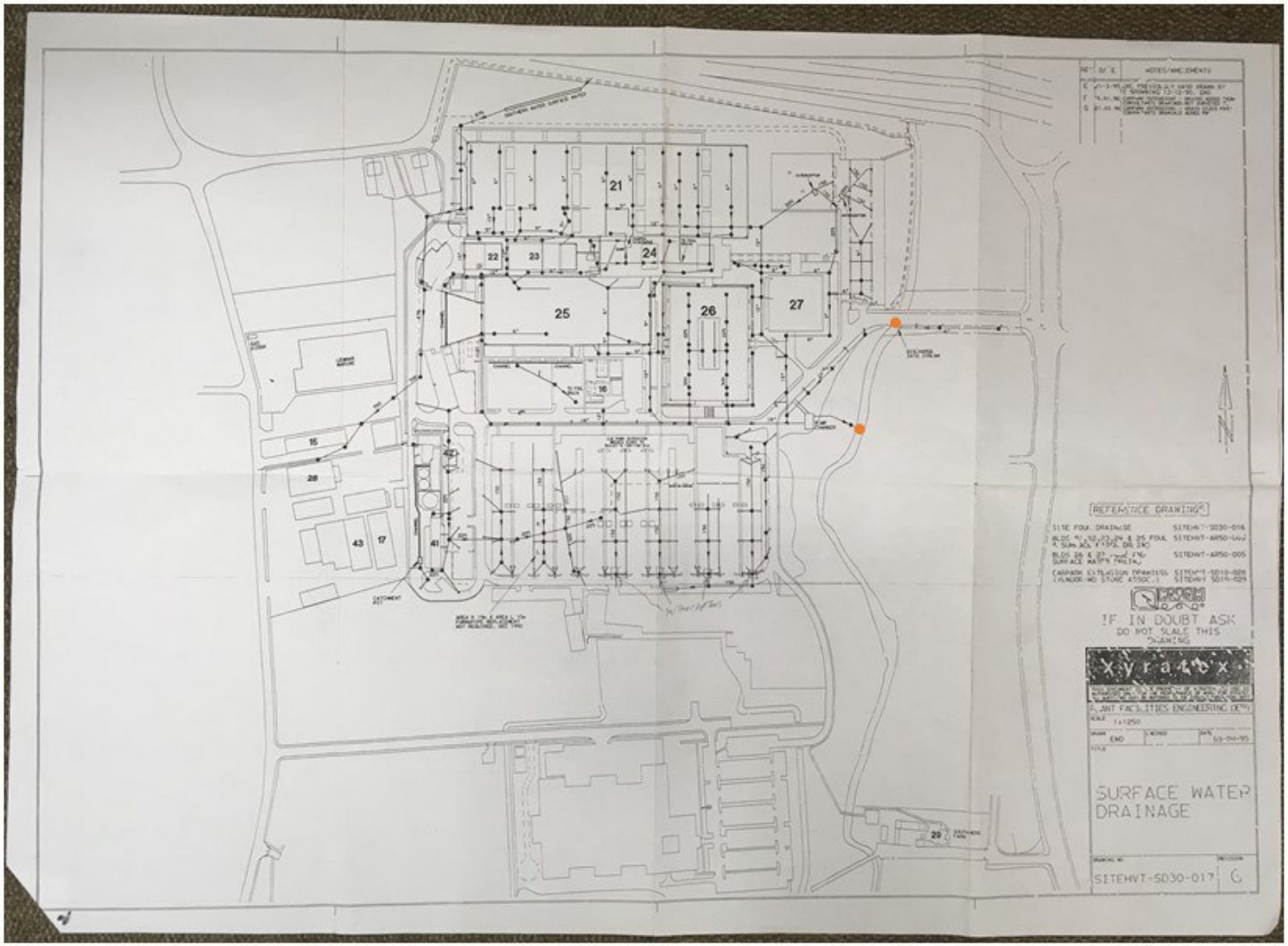
JOB NUMBER :	B1982
DRAWING NUMBER :	SK003
TITLE :	EA MAIN RIVER LOCATION
DRAWN BY :	CH
DATE :	JUNE 2019
REVISION	P01

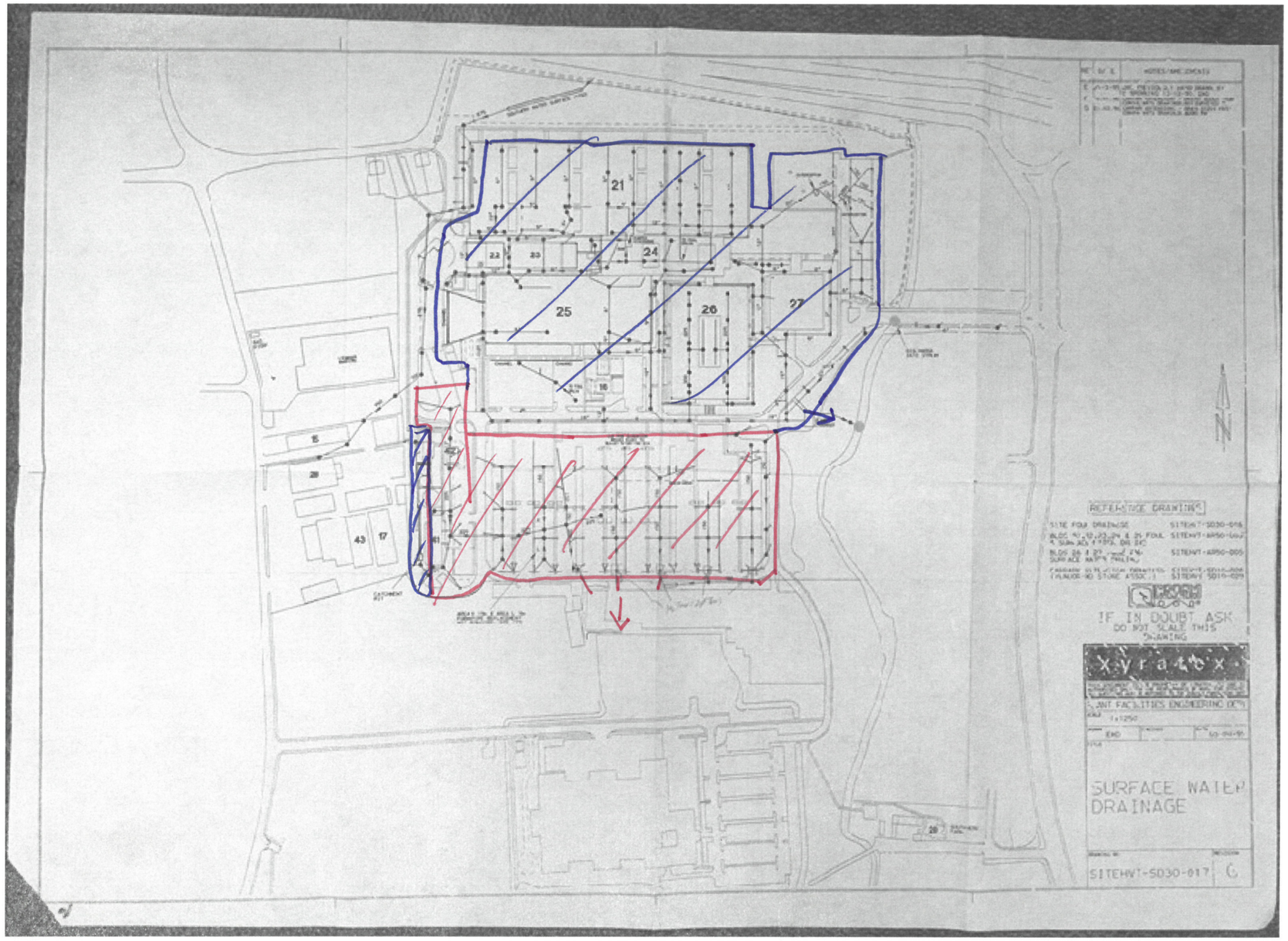
Flow control currently on site in north car park.

The following photos were taken after the CCTV survey was undertaken to identify the previously unknown flow control devices. The restriction on the flow is currently unknown and will be required to be established in detailed design for full hydraulic modelling.


BS EN124 D400




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REFERENCE DRAWINGS
SITE FOUL DRAINAGE SITEHWT-SD30-016
SURFACE WATER DRAINAGE SITEHWT-SD30-017
IF IN DOUBT ASK
DO NOT SCALE THIS DRAWING
Xyratex
PLANT FACILITIES ENGINEERING (PFE)
SCALE 1:1250
DRAWN EMD
DATE 03-04-95
SURFACE WATER DRAINAGE
SITEHWT-SD30-017
REVISION G


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REFERENCE DRAWINGS
IF IN DOUBT ASK
DO NOT SCALE THIS
DRAWING
Xyratex
SURFACE WATER
DRAINAGE
SITEHWT-SD30-017
G