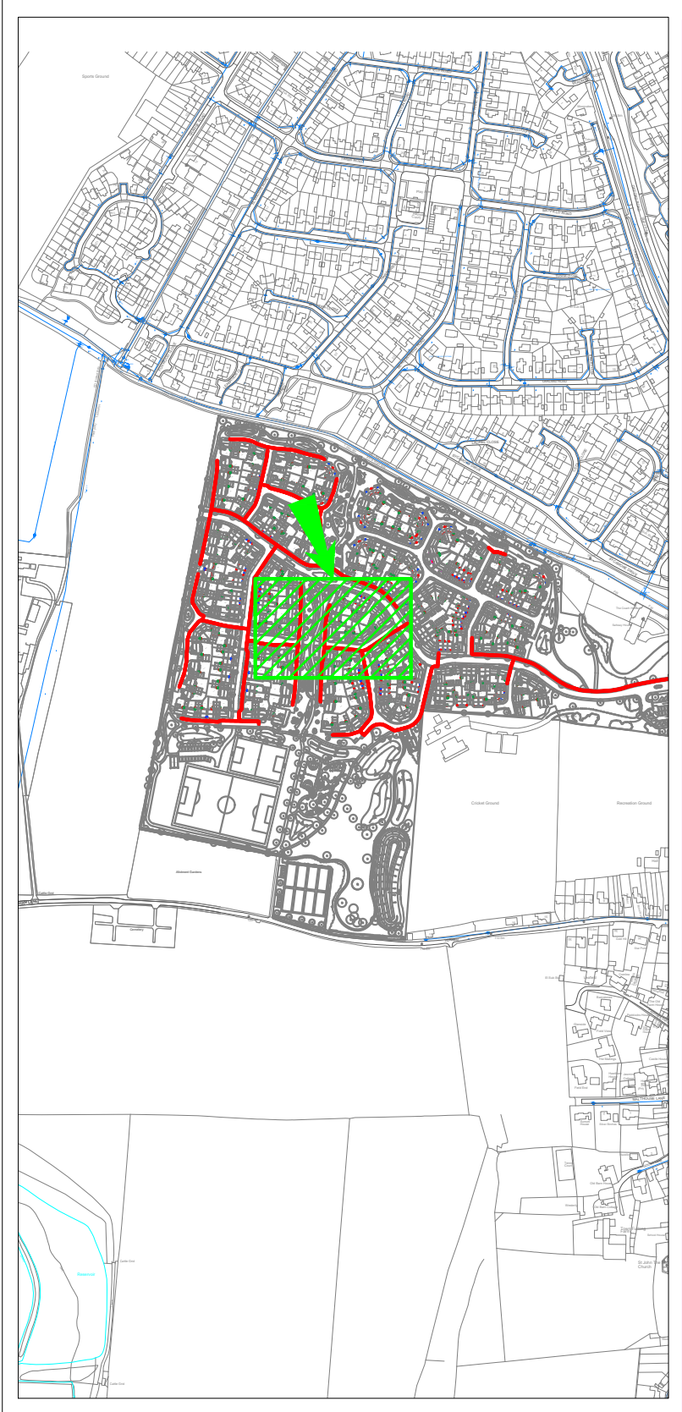
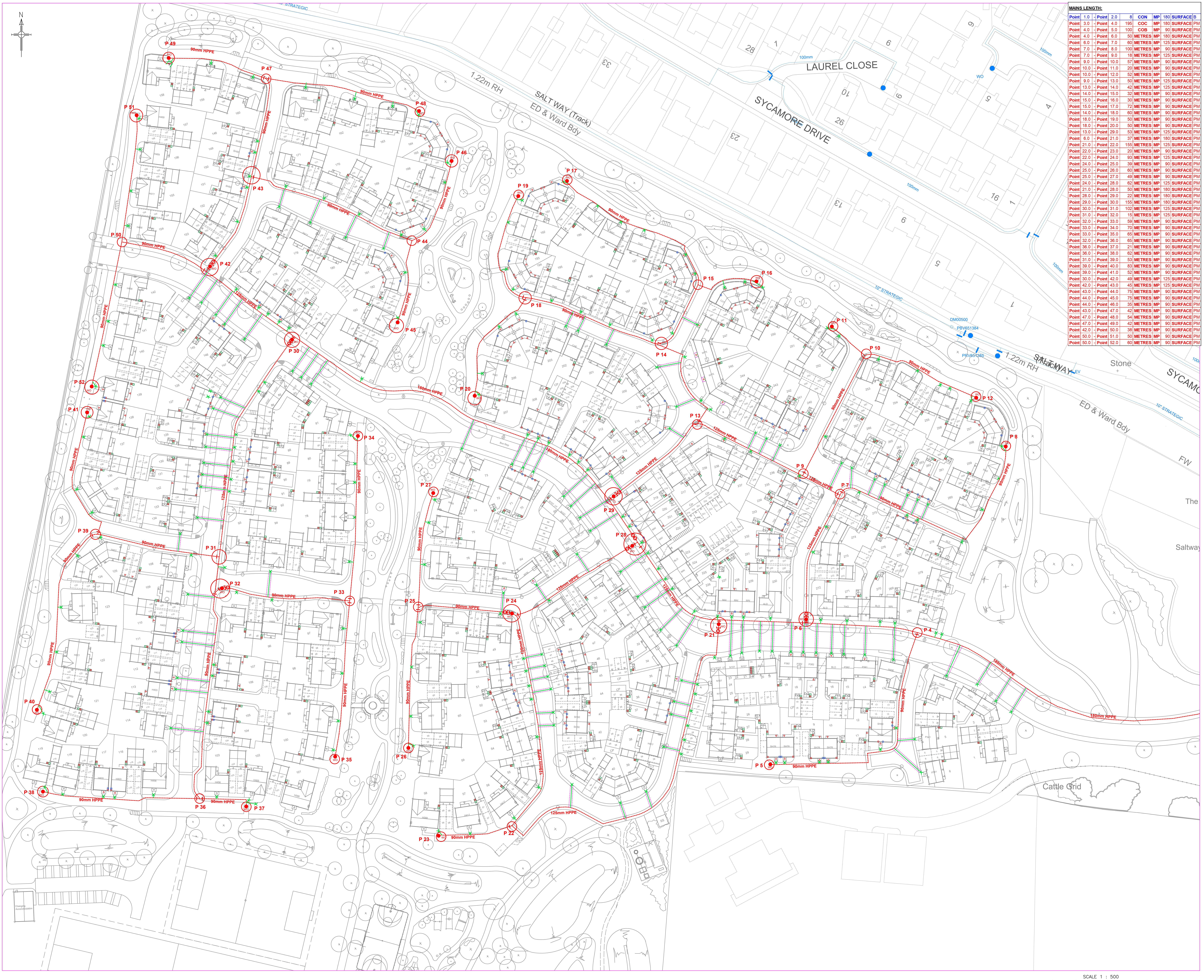


SITE LOCATION PLAN
(NOT TO SCALE)



ALL SERVICE CONNECTIONS ARE 25mm UNLESS OTHERWISE STATED

MAINS LENGTH:

Point	1.0	-	Point	2.0	8	CON	MP	180	SURFACE	B
Point	3.0	-	Point	4.0	195	COC	MP	180	SURFACE	PM
Point	4.0	-	Point	5.0	100	COB	MP	90	SURFACE	PM
Point	4.0	-	Point	6.0	50	METRES	MP	180	SURFACE	PM
Point	6.0	-	Point	7.0	60	METRES	MP	125	SURFACE	PM
Point	7.0	-	Point	8.0	100	METRES	MP	90	SURFACE	PM
Point	7.0	-	Point	9.0	18	METRES	MP	125	SURFACE	PM
Point	9.0	-	Point	10.0	57	METRES	MP	90	SURFACE	PM
Point	10.0	-	Point	11.0	20	METRES	MP	90	SURFACE	PM
Point	10.0	-	Point	12.0	52	METRES	MP	90	SURFACE	PM
Point	9.0	-	Point	13.0	50	METRES	MP	125	SURFACE	PM
Point	13.0	-	Point	14.0	42	METRES	MP	125	SURFACE	PM
Point	14.0	-	Point	15.0	32	METRES	MP	90	SURFACE	PM
Point	15.0	-	Point	16.0	30	METRES	MP	90	SURFACE	PM
Point	15.0	-	Point	17.0	72	METRES	MP	90	SURFACE	PM
Point	14.0	-	Point	18.0	60	METRES	MP	90	SURFACE	PM
Point	18.0	-	Point	19.0	50	METRES	MP	90	SURFACE	PM
Point	18.0	-	Point	20.0	50	METRES	MP	90	SURFACE	PM
Point	13.0	-	Point	29.0	53	METRES	MP	125	SURFACE	PM
Point	6.0	-	Point	21.0	37	METRES	MP	180	SURFACE	PM
Point	21.0	-	Point	22.0	155	METRES	MP	125	SURFACE	PM
Point	22.0	-	Point	23.0	20	METRES	MP	90	SURFACE	PM
Point	22.0	-	Point	24.0	93	METRES	MP	125	SURFACE	PM
Point	24.0	-	Point	25.0	39	METRES	MP	90	SURFACE	PM
Point	25.0	-	Point	26.0	60	METRES	MP	90	SURFACE	PM
Point	25.0	-	Point	27.0	49	METRES	MP	90	SURFACE	PM
Point	24.0	-	Point	28.0	62	METRES	MP	125	SURFACE	PM
Point	21.0	-	Point	28.0	50	METRES	MP	180	SURFACE	PM
Point	28.0	-	Point	29.0	22	METRES	MP	180	SURFACE	PM
Point	29.0	-	Point	30.0	155	METRES	MP	180	SURFACE	PM
Point	30.0	-	Point	31.0	102	METRES	MP	125	SURFACE	PM
Point	31.0	-	Point	32.0	15	METRES	MP	125	SURFACE	PM
Point	32.0	-	Point	33.0	59	METRES	MP	90	SURFACE	PM
Point	33.0	-	Point	34.0	70	METRES	MP	90	SURFACE	PM
Point	33.0	-	Point	35.0	65	METRES	MP	90	SURFACE	PM
Point	32.0	-	Point	36.0	65	METRES	MP	90	SURFACE	PM
Point	36.0	-	Point	37.0	21	METRES	MP	90	SURFACE	PM
Point	36.0	-	Point	38.0	62	METRES	MP	90	SURFACE	PM
Point	31.0	-	Point	39.0	53	METRES	MP	90	SURFACE	PM
Point	39.0	-	Point	40.0	83	METRES	MP	90	SURFACE	PM
Point	39.0	-	Point	41.0	52	METRES	MP	90	SURFACE	PM
Point	30.0	-	Point	42.0	49	METRES	MP	125	SURFACE	PM
Point	42.0	-	Point	43.0	45	METRES	MP	125	SURFACE	PM
Point	43.0	-	Point	44.0	75	METRES	MP	90	SURFACE	PM
Point	44.0	-	Point	45.0	75	METRES	MP	90	SURFACE	PM
Point	44.0	-	Point	46.0	35	METRES	MP	90	SURFACE	PM
Point	43.0	-	Point	47.0	42	METRES	MP	90	SURFACE	PM
Point	47.0	-	Point	48.0	54	METRES	MP	90	SURFACE	PM
Point	47.0	-	Point	49.0	42	METRES	MP	90	SURFACE	PM
Point	42.0	-	Point	50.0	38	METRES	MP	90	SURFACE	PM
Point	50.0	-	Point	51.0	50	METRES	MP	90	SURFACE	PM
Point	50.0	-	Point	52.0	60	METRES	MP	90	SURFACE	PM

SCHEDULE OF FITTINGS

ALL FITTINGS,MATERIALS,PIPES & JOINTS ARE TO BE INSTALLED IN ACCORDANCE WITH "LOT C2 STANDARD NEW MAINS AND CONNECTIONS (APRIL 2010)"

POINT NUMBER	FITTINGS	
Point 1	2	Flanged Adaptor(300mm)
	4	Flanged Bend(150mm)
	1	Valve+chamber(150mm)
	1	All Flanged Tee(300x150mm)
Point 2	1	Flanged Fused Stub(150mm)
	1	Blanking Plate(150mm)
	1	Washout+chamber(80mm)
	1	All Flanged Tee(150x80mm)
Point 3	2	Flanged Adaptor(150mm)
	1	Flanged Fused Stub(150mm)
	1	Flanged Reducer(150x100mm)
Point 4	2	Flanged Fused Stub(150mm)
	1	Flanged Fused Stub(80mm)
	1	Valve+chamber(80mm)
	1	All Flanged Tee(150x80mm)
Point 5	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 6	2	Flanged Adaptor(100mm)
	1	Blanking Plate(100mm)
	2	Flanged Fused Stub(150mm)
	1	Washout+chamber(80mm)
	2	Extension Piece(100mm)
	1	Valve+chamber(100mm)
	1	Valve+chamber(150mm)
	1	All Flanged Tee(100x80mm)
	1	All Flanged Tee(150x100mm)
Point 7	2	Flanged Fused Stub(100mm)
	1	Flanged Fused Stub(80mm)
	1	Flanged Reducer(100x80mm)
	1	Valve+chamber(100mm)
	1	Valve+chamber(80mm)
	1	All Flanged Tee(100x100mm)
Point 8	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 9	2	Flanged Fused Stub(100mm)
	1	Flanged Fused Stub(80mm)
	1	Valve+chamber(80mm)
	1	All Flanged Tee(100x80mm)
Point 10	3	Flanged Fused Stub(80mm)
	1	All Flanged Tee(80x80mm)
Point 11	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 12	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 13	3	Flanged Fused Stub(100mm)
	1	Extension Piece(100mm)
	2	Valve+chamber(100mm)
	1	All Flanged Tee(100x100mm)
Point 14	2	Flanged Fused Stub(100mm)
	1	Flanged Fused Stub(80mm)
	1	Valve+chamber(80mm)
	1	All Flanged Tee(100x80mm)
Point 15	3	Flanged Fused Stub(80mm)
	1	All Flanged Tee(80x80mm)
Point 16	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 17	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 18	1	Flanged Spigot(80mm)
	3	Flanged Fused Stub(80mm)
	2	Valve+chamber(80mm)
	1	All Flanged Tee(80x80mm)
Point 19	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 20	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 21	2	Flanged Adaptor(100mm)
	1	Flanged Fused Stub(100mm)
	1	Blanking Plate(100mm)
	1	Washout+chamber(80mm)
	1	Extension Piece(100mm)
	1	Valve+chamber(100mm)
	1	All Flanged Tee(100x80mm)
	1	All Flanged Tee(150x100mm)
Point 22	2	Flanged Fused Stub(100mm)
	1	Flanged Fused Stub(80mm)
	1	Flanged Reducer(100x80mm)
	1	Valve+chamber(80mm)
	1	All Flanged Tee(100x100mm)
Point 23	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 24	2	Flanged Fused Stub(100mm)
	1	Blanking Plate(100mm)
	2	Flanged Adaptor(80mm)
	1	Flanged Fused Stub(80mm)
	1	Washout+chamber(80mm)
	1	Flanged Reducer(100x80mm)
	2	Extension Piece(100mm)
	2	Valve+chamber(100mm)
	1	All Flanged Tee(100x100mm)
	1	All Flanged Tee(100x80mm)
Point 25	3	Flanged Fused Stub(80mm)
	2	Valve+chamber(80mm)
	1	All Flanged Tee(80x80mm)
Point 26	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 27	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 28	2	Flanged Adaptor(100mm)
	1	Flanged Fused Stub(100mm)
	1	Blanking Plate(100mm)
	2	Flanged Adaptor(150mm)
	2	Flanged Fused Stub(150mm)
	2	Extension Piece(100mm)
	2	Flanged Reducer(150x100mm)
	1	Valve+chamber(100mm)
	1	Valve+chamber(150mm)
	1	All Flanged Tee(100x80mm)
	1	All Flanged Tee(150x100mm)
Point 29	2	Flanged Adaptor(100mm)
	1	Flanged Fused Stub(100mm)
	1	Blanking Plate(100mm)
	2	Flanged Fused Stub(150mm)
	1	Washout+chamber(80mm)
	1	Extension Piece(100mm)
	1	Valve+chamber(100mm)
	1	All Flanged Tee(100x80mm)
	1	All Flanged Tee(150x100mm)
Point 30	2	Flanged Adaptor(100mm)
	2	Flanged Fused Stub(100mm)
	1	Blanking Plate(100mm)
	2	Flanged Fused Stub(150mm)
	1	Washout+chamber(80mm)
	1	Extension Piece(100mm)
	1	Flanged Reducer(150x100mm)
	1	Valve+chamber(100mm)
	1	All Flanged Tee(100x80mm)
	1	All Flanged Tee(150x100mm)
Point 31	2	Flanged Fused Stub(100mm)
	1	Flanged Fused Stub(80mm)
	1	Valve+chamber(80mm)
	1	All Flanged Tee(100x80mm)
Point 32	1	Flanged Fused Stub(100mm)
	2	Flanged Adaptor(80mm)
	1	Flanged Spigot(80mm)
	2	Flanged Fused Stub(80mm)
	1	Blanking Plate(80mm)
	1	Washout+chamber(80mm)
	1	Flanged Reducer(100x80mm)
	2	Valve+chamber(80mm)
	1	All Flanged Tee(100x80mm)
	1	All Flanged Tee(80x80mm)
Point 33	3	Flanged Fused Stub(80mm)
	2	Valve+chamber(80mm)
	1	All Flanged Tee(80x80mm)
Point 34	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 35	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 36	3	Flanged Fused Stub(80mm)
	2	Valve+chamber(80mm)
	1	All Flanged Tee(80x80mm)
Point 37	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 38	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 39	1	Flanged Spigot(80mm)
	3	Flanged Fused Stub(80mm)
	2	Valve+chamber(80mm)
	1	All Flanged Tee(80x80mm)
Point 40	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 41	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 42	2	Flanged Adaptor(100mm)
	3	Flanged Fused Stub(100mm)
	1	Blanking Plate(100mm)
	1	Washout+chamber(80mm)
	1	Extension Piece(100mm)
	1	Valve+chamber(100mm)
	1	All Flanged Tee(100x100mm)
	1	All Flanged Tee(100x80mm)
Point 43	2	Flanged Fused Stub(80mm)
	1	Flanged Fused Stub(80mm)
	1	Flanged Reducer(100x80mm)
	1	Valve+chamber(80mm)
	1	All Flanged Tee(100x80mm)
Point 44	3	Flanged Fused Stub(80mm)
	1	All Flanged Tee(80x80mm)
Point 45	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 46	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 47	3	Flanged Fused Stub(80mm)
	2	Valve+chamber(80mm)
	1	All Flanged Tee(80x80mm)
Point 48	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 49	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 50	3	Flanged Fused Stub(80mm)
	1	All Flanged Tee(80x80mm)
Point 51	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)
Point 52	1	Flanged Fused Stub(80mm)
	1	Duckfoot Bend Flanged(80mm)
	1	Washout+chamber(80mm)

REV	DESCRIPTION	DRN	CHK	APP	DATE
1	FOR INFORMATION	SD			30 04 20

SITE LOCATION:

WHITE POST ROAD
BANBURY OX15 4BN
SHEET 2 OF 2

MATERIAL:	HPPE	**DIA:**	90 mm	**LENGTH:**	1792 m
MATERIAL:	HPPE	**DIA:**	125 mm	**LENGTH:**	744 m
MATERIAL:	HPPE	**DIA:**	180 mm	**LENGTH:**	517 m
MATERIAL:		**DIA:**	mm	**LENGTH:**	m

- - - -	Proposed main in different phase
——	Existing main
⌁⌁⌁	Main to be abandoned
══	Proposed main
100mm Dia	Duct to be provided by client
—✕	Service connection
—[2	Service connection manifold with No. of ports

WO	WO	WO	
●	●	●	Washouts
● FH	● FH	● FH	Fire Hydrants
○	○	○	Temporary washouts
I	I	I	Valves
◆	◆	◆	Air valves
]	]	]	Blanking plates
◐	◐	◐	Closed valves
▯▯	▯▯	▯▯	Double spade valves
▣	▣	▣	Water Meters

Black symbols / proposed main - installed by TWUL
Blue symbols / proposed main - installed by TWUL or SLO
Red symbols / proposed main - installed by SLO

THAMES WATER UTILITIES
DEVELOPER SERVICES /
CUSTOMER EXPERIENCE,
CLEARWATER COURT,
VASTERN ROAD,
READING RG1 8DB
TEL: 0800 009 3921
EMAIL: DEVELOPER.SERVICES@THAMESWATER.CO.UK

SUBCASE/DRAWING No:	50172430		
DRAWING REVISION:	1		
SERVICE ORDER No:	80811266		
SLY-SUBCASE No:	50168922		
SLY-SERV. ORDER:	80810309		
SCHEME No:	J007		
GRID REF:	446035 , 238322		
SCALE:	1:500 @ A2		
DESIGN BY:	K.KUMAR	30/04/20	
DRAWN BY:	S.DICKMAN	30/04/20	
BASED ON DEVELOPER'S DWG:	BOD_Base Layout_Final		

LINES AND LEVELS CONFIRMED DURING SITE MEETING HELD ON:-

	CONTRACTOR	SURVEYOR	CUSTOMER
NAME			
SIGNATURE			
COMPANY			

© THAMES WATER UTILITIES LTD (2012)

SCALE 1 : 500
0 10m 40 m

NOTES:

1. ALL END WASHOUTS TO BE POSITIONED NO MORE THAN 1m PAST LAST DRAW OFF POINT.
2. ALL FIRE HYDRANTS TO BE INSTALLED TO BS750(COPPER/GUNMETAL OUTLET ONLY)
3. ALL FITTINGS & CHAMBERS WITH IN VERGES/SOFT GROUND MUST BE ADEQUATELY SUPPORTED BY 1sq m LAYER OF CONCRETE WITH A LAYER OF A393 MESH ON SUITABLE COMPACTED MATERIAL TO A DEPTH OF 150mm.
4. ALL 'OPEN ENDED' PIPE WORK FOLLOWING ABANDONMENT OF MAINS,AND REMOVAL OF FITTINGS, (IN OFF-SITE CONDITIONS) MUST BE CAPPED TO ENSURE THERE IS NO INTRUSION OF EARTH ETC,WHICH COULD RESULT IN FUTURE GROUND SUBSIDENCE.
5. ALL THRUST BLOCKS MUST BE DETERMINED ON SITE AND CALCULATIONS SUBJECT TO BEARING CAPACITY OF THE SOIL.
6. THE ACTUAL LINE AND DEPTH OF THE MAIN OR PIPE AS SHOWN IS SUBJECT TO VARIATION DUE TO OBSTRUCTIONS.
7. IT IS THE CUSTOMER'S RESPONSIBILITY FOR INDICATING THE PLANNED BOUNDARY LINES AND LEVELS OF ALL ROADS, PATHS, ETC., IN WHICH MAINS ARE TO BE LAID.
SHOULD ANY VARIATION TO THESE LINES OR LEVELS BE MADE WITHOUT THAMES WATER'S CONSENT AFTER THE MAINS HAVE BEEN LAID, THEN THE CUSTOMER WILL BE RESPONSIBLE FOR THE COST OF ANY SUBSEQUENT ALTERATIONS TO OUR APPARATUS.
8. DISTANCES DO NOT TAKE INTO ACCOUNT ANY TOPOGRAPIC VARIANCES.
9. PLEASE NOTE FITTINGS ARE NOT SHOWN TO SCALE.
10. ALL DUCTILE IRON PIPEWORK IS TO BE WRAPPED UNLESS OTHERWISE SPECIFIED.
11. MAINS WILL BE INSTALLED AT A UNIFORM DEPTH WITH THE MINIMUM NUMBER OF BENDS REQUIRED AND TO BE LAID IN A DIRECT ROUTE AS FAR AS PRACTICALLY POSSIBLE.
12. THE POSITION OF ANY BOUNDARY OR APPARATUS SHOWN ON THIS PLAN IS GIVEN WITHOUT OBLIGATION AND WARRANTY AND ACCURACY CANNOT BE GUARANTEED. NO LIABILITY OF ANY KIND WHATSOEVER IS ACCEPTED BY THAMES WATER FOR ANY ERROR OR OMISSION.

DESCRIPTION	PREVIOUS ACTION	RESULT
❗ DIGGING TRENCH - OPERATING CLOSE TO EXISTING UTILITIES	UTILITY MAP	Permit to work must be obtained
⚠ WORKING IN CONTAMINATED GROUND	SOIL REPORT	Protectaline barrier pipe will be used
VOLATIVE ACTIVITY OF THE MAIN WE ARE TAPPING INTO	MAIN HISTORY OF FREQUENT BURSTS	Connecting to a different main

TRAFFIC MANAGEMENT ACT

SERVICE ORDER No: 80811266 GRID REF SP4603538322
OPERATION No: ______ GRID REF ______
OPERATION No: ______ GRID REF ______
OPERATION No: ______ GRID REF ______
OPERATION No: ______ GRID REF ______

AS LAID SIGN OFF

(PLEASE TICK TO CONFIRM)
ROUTE OF NEW MAIN & APPARATUS AS INDICATED ☐

DEPTH OF COVER OF NEW MAIN:
0.9 ☐ OTHER (PLEASE STATE) ☐

DEPTH OF COVER AT CONNECTION POINT TO EXISTING MAIN (POINT 1)
0.9 ☐ OTHER (PLEASE STATE) ☐

PART ' AS LAID' S DRAWING ☐ FULL 'AS LAID' DRAWING ☐

F/H's PERMANENTLY REINSTATED YES ☐ NO ☐ N/A ☐

CONTRACTOR SIGN OFF: ______ DATE ______
THAMES WATER SIGN OFF: ______ DATE ______

PREFERRED LAYOUT FOR MAINS IN A 2 METRES WIDE FOOTWAY:

NOTES:

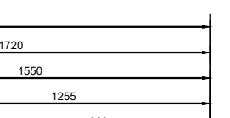
1. THE LAYOUT OF MAINS IS GENERALLY IN ACCORDANCE WITH THE 'REPORT OF JOINT COMMITTEE ON LOCATION OF UNDERGROUND SERVICES' PUBLISHED BY THE INSTITUTION OF CIVIL ENGINEERS.
2. THE DIMENSIONS SHOWN REPRESENT THE PREFERRED ARRANGEMENT IN STRAIGHT ROUTES ON RESIDENTIAL ESTATES. VARIATIONS MAY BE NECESSARY AT CURVES AND CHANGES OF GRADIENT.
3. THE SPACE ALLOCATED IS CONSIDERED TO BE THE ABSOLUTE MINIMUM AND IN CERTAIN CIRCUMSTANCES E.G. WHERE BOTH HV AND LV CABLES ARE LAID - THE LV CABLE WILL BE LAID IN THE ALTERNATIVE POSITION AND ADDITIONAL WIDTH MAY BE REQUIRED.
4. WHERE SERVICES ARE TO BE CONNECTED TO MAINS A MINIMUM DISTANCE OF 2.0M IS REQUIRED BETWEEN THE BUILDING LINE AND THE CENTRE LINE OF THE MAIN.
5. MINIMUM DISTANCE OF ANY WATER SERVICE TO ANY SURFACE/FOUL WATER STRUCTURE IS 300mm.

COVER OF WATER MAIN

UP TO 12"(300mm)	900mm
12"(300mm) TO 24"(600mm)	1100mm
24"(600mm) AND OVER	1200mm

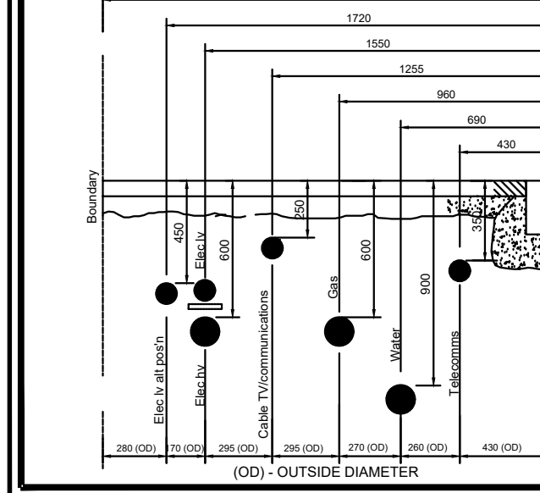
TRENCH WIDTH

NOMINAL TRENCH WIDTHS TO ALLOW FOR 100mm 'BED AND SURROUND' TO MAIN



MAINS ROUTE

Dimensions in mm



(OD) - OUTSIDE DIAMETER