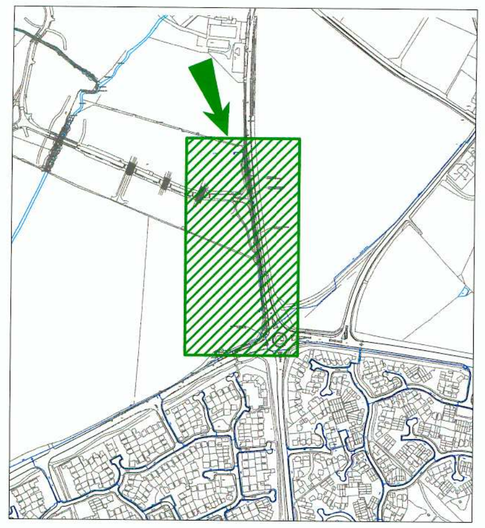
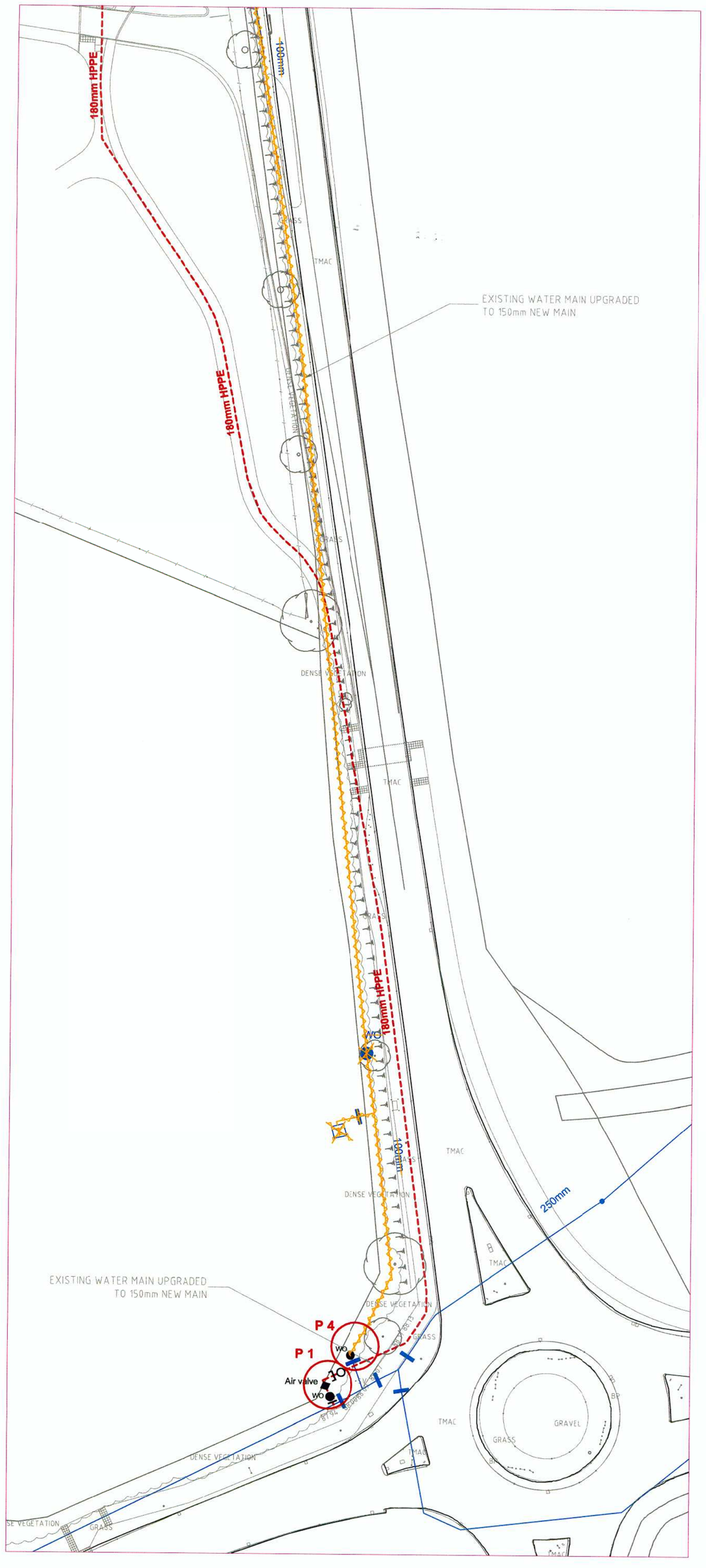
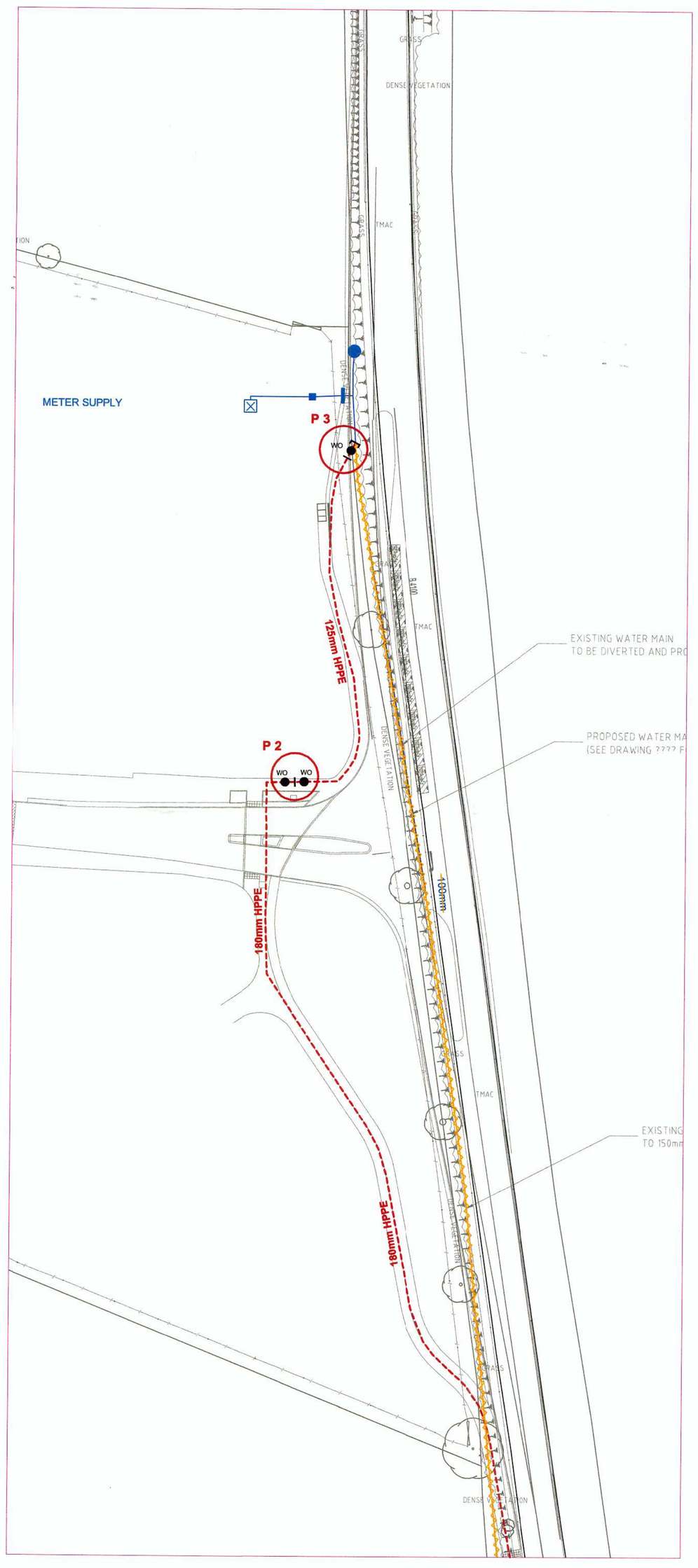


SITE LOCATION PLAN
(NOT TO SCALE)





TRAFFIC MANAGEMENT ACT

SIMP W/R	37GWRM	GRID REF	SP58137224492
IRMA W/R		GRID REF	
IRMA W/R		GRID REF	
IRMA W/R		GRID REF	
IRMA W/R		GRID REF	

AS LAID SIGN OFF

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

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:

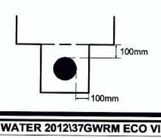
1. THE LAYOUT OF MAINS IS GENERALLY IN ACCORDANCE WITH THE 'REPORT OF JOINT COMMITTEE ON LOCATION OF UNDERGROUND SERVICES' PUBLISHED BY THE INSTITUTION OF CIVIL ENGINEERS.
2. THE DIMENSIONS SHOWN REPRESENT THE PREFERRED ARRANGEMENT IN STRAIGHT ROUTES ON RESIDENTIAL ESTATES. VARIATIONS MAY BE NECESSARY 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

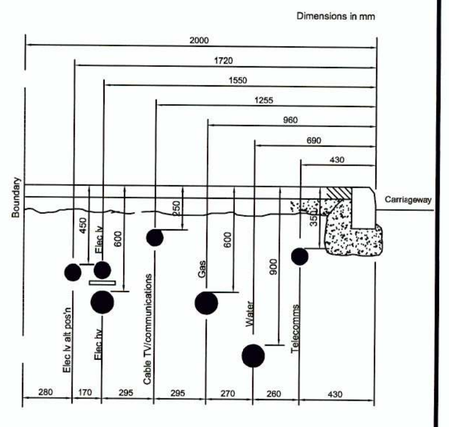
UP TO 12"(300mm) 900mm
12"(300mm) TO 24"(600mm) 1100mm
24"(600mm) AND OVER 1200mm

TRENCH WIDTH

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



MAINS ROUTE



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 x Tee (all flanged) 1 x Valve+Chamber 1 x Washout+Chamber(incl Raising Piece) 1 x Air valve+Chamber(incl Raising Piece) 5 x Flanged bend 1 x Temporary disinfection fittings 1 x Blanking plate 1 x Flanged fused stub 2 x Flanged adaptor 1 x Flanged reducer 1 x Under pressure tee (350mm x 150mm)
Point 2	1 x Valve+Chamber 2 x Tee (all flanged) 2 x Washout+Chamber(incl Raising Piece) 1 x Extension piece 1 x Flanged reducer 2 x Flanged fused stub
Point 3	1 x Tee (all flanged) 1 x Flanged fused stub 1 x Washout+Chamber(incl Raising Piece) 1 x Blanking plate 3 x Flanged adaptor 5 x Flanged bend
Point 4	1 x Flanged adaptor 1 x Duckfoot bend flanged 1 x Washout+Chamber(incl Raising Piece)
Point 99	7 x Flanged adaptor 3 x Blanking plate 1 x Tee (all flanged) 1 x Valve+Chamber 2 x Flanged bend

MAINS LENGTH:

Point 1.0 - Point 2.0	255	METRES	MP 180	SURFACE	PM
Point 2.0 - Point 3.0	90	METRES	MP 125	SURFACE	PM

A = UNMADE GROUND
B = EXISTING FOOTPATH
C = EXISTING ROAD
D = DEVELOPMENT SITE
BF = BROWNFIELD
PM = PART MADE FOOTPATH/ROAD
LO = LAY ONLY

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 TAKE IN'O 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.

REV	DESCRIPTION	DRN	CHK	APP	DATE
1	FOR INFORMATION	SK			22/02/12

SITE LOCATION:
ECO VILLAGE,
EXEMPLAIR SITE, BANBURY ROA,
BICESTER, OX26

MATERIAL: HPPE **DIA:** 125mm **LENGTH:** 90
MATERIAL: HPPE **DIA:** 180mm **LENGTH:** 255m
MATERIAL: **DIA:** **LENGTH:**

Proposed main in different phase
Existing main
Main to be abandoned
Proposed main
Dust to be provided by client
100mm Dia
WO Washout
FH Fire Hydrant
Temporary washout
Service connection
Service connection manifold with No. of ports
Valve
Air valve
Blanking plate
Closed valve
Double spade valve
Meter

THAMES WATER
DEVELOPER SERVICES,
THE BUSINESS CENTRE,
BRENTFORD,MIDDLESEX,
TW8 0EF
TEL:0845 850 2777
FAX:020 7713 3900

GRID REF:	458137,224492
SCALE:	1:500 @ A1
WR#	37GWRM
SCHEME No.	TBA
SELF-LAY No.	-
WPA#	137
REVISION:	1
DESIGN BY	KUMAR 10/02/2012
DRAWN BY	S.KELSEY 22/02/2012

THIS DRAWING IS BASED ON DEVELOPERS DRAWING No.: 7213-UA001881-UP21D-S278-SE

LINES AND LEVELS CONFIRMED DURING SITE MEETING HELD ON:-

	CONTRACTOR	SURVEYOR	CUSTOMER
NAME			
SIGNATURE			
COMPANY			

CAD DATE: 28/02/2012 **CAD :**02

CAD PATH: S:\NEW Operations\CAD DRAWINGS-CLEAN WATER 2012\37GWRM ECO VILLAGE,EXEMPLAR SITE,BANBURY ROAD,BICESTER,OX26\Drawings\WIP 37GWRM ECO VILLAGE,EXEMPLAIR SITE,BANBURY RD,BICESTER,OX26 REV 1.dwg

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