SITE LOCATION PLAN
(NOT TO SCALE)

4 Shared cost at Points
24 : 25 : 19 : 17
1 Full cost at Point 20

## SCHEDULE OF FITTINGS

ALL FITTINGS, MATERIALS & PIPES & JOINTS ARE TO BE WRAS APPROVED & IN ACCORDANCE WITH "WAT 03 STANDARD WRAS BRAND AND CONNECTIONS GUIDE 2020"

| POINT NUMBER | FITTINGS |
|---|---|
| Point 15 | 1 x Temporary stop valve on fitting<br>2 x Flange adaptor<br>1 x Flanged isolator<br>1 x Flanged adapt |
| Point 16 | 1 x Pipe Fit Tee<br>1 x Valve+Chamber<br>1 x Flanged adapt |
| Point 17 | 1 x Washout+Chamber(incl Raising Piece)<br>1 x Dead out bend pipe fit |
| Point 18 | 1 x Pipe Fit Tee<br>1 x Valve+Chamber<br>1 x Flanged adapt |
| Point 19 | 1 x Washout+Chamber(incl Raising Piece)<br>1 x Dead out bend pipe fit |
| Point 20 | 1 x Pipe Fit Tee<br>1 x Valve+Chamber<br>1 x Flanged adapt |
| Point 21 | 1 x Washout+Chamber(incl Raising Piece)<br>1 x Dead out bend pipe fit |
| Point 22 | 1 x Pipe Fit Tee<br>1 x Valve+Chamber<br>1 x Flanged adapt |
| Point 23 | 1 x Washout+Chamber(incl Raising Piece)<br>1 x Dead out bend pipe fit |
| Point 24 | 2 x Tee (all flanged)<br>1 x Valve+Chamber<br>1 x Washout+Chamber(incl Raising Piece)<br>2 x Flanged socket<br>2 x Flanged adapt<br>1 x Extension piece |
| Point 25 | 1 x Washout+Chamber(incl Raising Piece)<br>1 x Dead out bend pipe fit |
| Point 26 | 1 x Tee (all flanged)<br>1 x Washout+Chamber(incl Raising Piece)<br>1 x Flanged socket<br>1 x Extension piece<br>1 x Valve+Chamber<br>1 x Blanking plate |

| MAINS LENGTHS | | | |
|---|---|---|---|
| Point 13,C – Point 16,C | 167 | METRES | MP 150 SURFACE LO |
| Point 16,C – Point 17,C | 60 | METRES | MP 150 SURFACE LO |
| Point 16,C – Point 18,C | 111 | METRES | MP 150 SURFACE LO |
| Point 18,C – Point 19,C | 72 | METRES | MP 300 SURFACE LO |
| Point 18,C – Point 20,C | 61 | METRES | MP 150 SURFACE LO |
| Point 20,C – Point 21,C | 65 | METRES | MP 150 SURFACE LO |
| Point 20,C – Point 22,C | 155 | METRES | MP 150 SURFACE LO |
| Point 22,C – Point 23,C | 105 | METRES | MP 150 SURFACE LO |
| Point 22,C – Point 24,C | 5 | METRES | MP 150 SURFACE LO |
| Point 24,C – Point 25,C | 267 | METRES | MP 150 SURFACE LO |
| Point 24,C – Point 26,C | 66 | METRES | MP 150 SURFACE LO |

A = WATER SECTION
B = METRES NEW
C = METRES RENEW
D = EXIST. SYNDICATE SITE
E = DISCONNECTED
F = EXISTING MAIN TO BE FOUND & PROVED
G = AS LAID ONLY

CUSTOMER ATTENTION - LAY ONLY

BEARING TRENCH WIDTH:
TRENCH WIDTHS TO ALLOW FOR NO MORE THAN 100mm 'BED AND SURROUND' TO THAMES WATER PIPE UNLESS INSTRUCTED OTHERWISE BY THAMES WATER.

CUSTOMER ATTENTION:
PIPE BEDDING/SURROUNDING MATERIAL FOR THE USE OF PLASTIC PIPE:
STANDARD PLASTIC PIPEWORK IS NOT PERMITTED FOR UNDERGROUND WORK, A SUITABLE MATERIAL SUCH AS COPPER PIPE (BS2871/3TS5 STANDARD ) OR AN APPROVED 'BARRIER PIPE' MUST BE USED FOR ALL UNDERGROUND PIPE WORK.

NOTES:

1. ALL BOX SHAPES TO BE POSITIONED SO AS TO AVOID ANY CONFLICT WITH ANY LAID OFF POINTS.
2. ALL VERTICAL BENDS TO BE SUPPLIED TO SUIT LOCAL CONDITIONS.
3. ALL CHAMBERS TO BE INSPECTED BY THE CONTRACTOR'S REPRESENTATIVE PRIOR TO BACKFILLING AND ANY DEFECTS REMEDIED BEFORE BACKFILLING.
4. THE ACTUAL LINE AND DEPTH OF THE MAIN OR PIPE AS SHOWN IS SUBJECT TO VARIATION DUE TO CONSTRUCTIONS.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR INDICATING THE IN SITU POSITION OF ALL VALVES AT A.C.D. ROAD, PATH, ETC. IN ADVANCE OF ANY WORK TO AVOID ANY DAMAGE TO THEM.
6. ANY VARIATION TO THE ABOVE SHALL BE AGREED BY THE CONTRACTOR WITH THE THAMES WATER'S ENGINEER AT THE TIME WHEN SUCH WORK IS CARRIED OUT. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF ANY SUBSEQUENT ALTERATIONS TO THE WORKS.
7. ALL LEVELS TO BE TAKEN TO ACCURATE ANY TOPOGRAPHIC VARIANCES.
8. PLEASE NOTE FITTINGS ARE NOT SHOWN TO SCALE.
9. ALL DUCTILE IRON PIPEWORKS TO BE WRAPPED UNLESS OTHERWISE AGREED.
10. WORKS WILL BE INSTALLED AT A MINIMUM DEPTH WITH THE MINIMUM NUMBER OF SERVICE INTERFACE AND TO BE LAID IN A STRAIGHT ROW AS FAR AS PRACTICAL IF POSSIBLE.

| | | | |
|---|---|---|---|
| 1 | FOR INFORMATION | PG | 14.10.20 |
| NO. | DESCRIPTION | DRG'D/CH | APP. | DATE |

SITE LOCATION:
PHASE 2 ECO TOWN,
EXEMPLAR SITE,SAXBURY ROAD,LEICESTER.
LE3 0QS

MATERIAL: DUCTILE IRON — DIA: 150mm — LENGTHS: 4543m
MATERIAL: DUCTILE IRON — DIA: 100mm — LENGTHS: 552m
MATERIAL: — DIA: — LENGTHS:
MATERIAL: — DIA: — LENGTHS:

Proposed water in different phase
Existing main
Make to be abandoned
Proposed water main
Duct to be provided by client
Washout
Fire Hydrant
Temporary washout
Similar connection
Similar connection manifold with No. of ports
Valve
Air valve
Blanking plate
Closure valve
Double scedio valve
Meter

Thames Water

| | |
|---|---|
| GRID REF: | 459117,304888 |
| SCALE: | 1:500 @ A0 |
| WRAP | 37WGPP |
| STAGING No.: | 1CPD |
| SELPLAN No.: | - |
| WPA# | 137 |
| REVISION: | 1 |
| DESIGNED BY | PJ/GP |
| DRAWN BY | PJ/GP/DPL |

THAMES WATER
DEVELOPMENT SERVICES
CLEARWATER COURT
VASTERN ROAD READING
RG1 8DB
T 0845 850 2777
F 01635 33 2650

| | CONTRACTOR | SIGNATURE | DATE/DRAWN |
|---|---|---|---|
| SURVEY | | | |
| SIGNATURE | | | |
| COMPANY | | | |

CAD DATE: 10/09/2012 CADE 02

## TRAFFIC MANAGEMENT ACT

| | | | |
|---|---|---|---|
| SWMP W/R | 37WGPP | GRID REF | SP561 72MW |
| RMA W/R | | GRID REF | |
| RMA W/R | | GRID REF | |
| RMA W/R | | GRID REF | |
| RMA W/R | | GRID REF | |

## AS LAID SIGN OFF

ROUTE OF NEW MAINS & APPARATUS AS INDICATED — REFERENCE TO DRAWING

DEPTH OF COVER OF NEW MAINS:
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'S DRAWING

Area's PERMANENTLY REINSTATED: YES — NO — NA

CONTRACTOR SIGN OFF: _____ DATE _____

THAMES WATER SIGN OFF: _____ DATE _____

PREFERRED LAYOUT FOR MAINS IN A 2 METRES WIDE FOOTWAY:

MAINS ROUTE

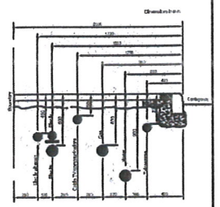
NOTES:

1. THE LAY OUT 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. MAIN TENDS MAY BE NECESSARY AT CURVES AND CHANGES OF GRADIENT.
3. THE SPACE ALLOCATED IS CONSIDERED TO BE THE ABSOLUTE MINIMUM AND IS TO HAND ON JOINTS (E.G. VALVES), BOTH HORIZONTALLY. CABLES AND LAND DRAINAGE MAY ALSO BE LAID IN THE ALTERNATIVE FOOTWAY AND VERGE WIDTH (BOTH MIN. BE 915 WIDE).
4. WHERE SERVICES ARE TO BE CONNECTED TO MAINS A MINIMUM DISTANCE OF 2.0M IS REQUIRED BETWEEN THE SLEEVE/FLANGE AND THE CENTRE LINE OF THE MAIN.
5. MINIMUM DISTANCES OF ANY MAINS FROM BUILDINGS TO ANY SUBSTANTIAL WATER STRUCTURE IS 300mm.

COVER OF WATER MAIN:

| | |
|---|---|
| UP TO 121(300mm) | 900mm |
| 122(350mm) TO 241(600mm) | 1100mm |
| 242(600mm) AND OVER | 1200mm |

TRENCH WIDTH:
NEWBURY TRENCH WIDTHS TO ALLOW FOR 100mm 'BED AND SURROUND' TO MAINS



CAD PATH: R:\BOCAD DRAWINGS\-2012\37WGPP PHASE 2 ECO TOWN\EXEMPLAR SITE,SAXBURY ROAD,LEICESTER GK3EO\working\GP 37WGPP PHASE 2 ECO TOWN EXEMPLAR SITE,SAXBURY ROAD,LEICESTER GK3E REV 1.dwg

Consult to

ordered against Phase 1