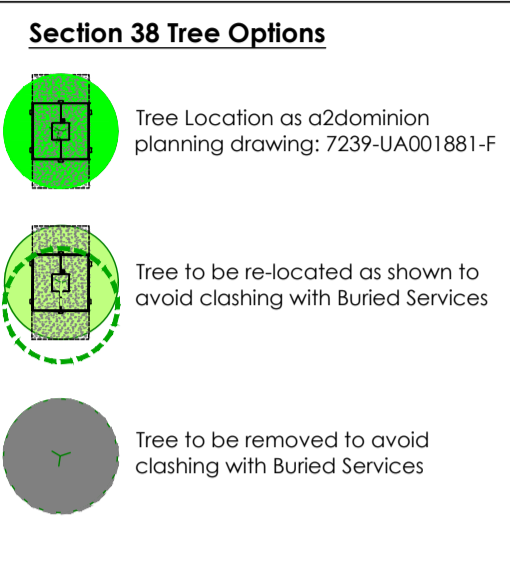


**Fibre Optic Ducting**

Notes:

- Routing and chamber location is indicative but it is essential that they are able to serve the specified properties.
  - Chambers are in the vicinity of the location indicated so that they are able to serve the specified properties.
  - Sweep 'T's are installed in the orientation shown so that each property connects to its specified chamber.
  - No more than 11 properties should be serviced from each chamber.
- All chambers to be BT Footways or equivalent
- All ducting and installation techniques to be in accordance with the BT Openreach 'Developers Handbook - How to build a fibre network', unless otherwise approved



**FIBRE OPTIONS:** Additional chamber(s) to support Road Crossing. Designed location of chamber in the road (not permitted). Subject to A2Dominion/Silver instruction. To be moved to pavement as shown. Final position to be determined by Hill Groundworking Sub-Contractor

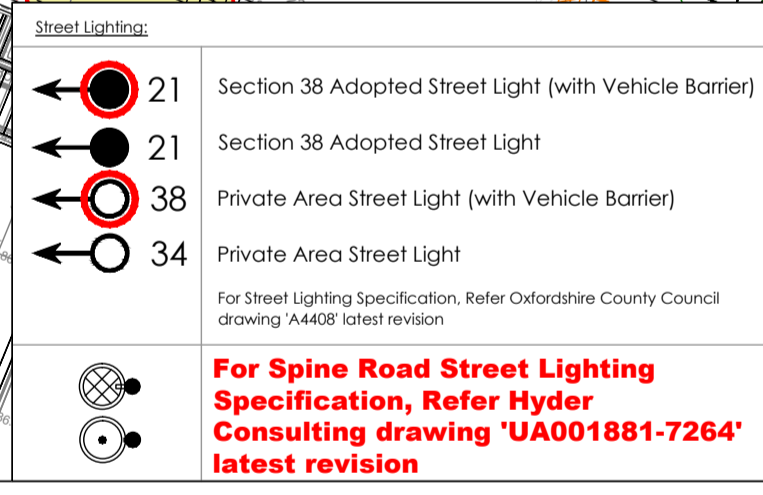
**FIBRE OPTIONS:** Additional chamber. Subject to A2Dominion/Silver instruction. Final position to be determined by Hill Groundworking Sub-Contractor

**FIBRE OPTIONS:** Extra ducting (4-off North footway, 2-off South footway) across Bridge Subject to A2Dominion/Silver instruction

Polypipe 470 x 470 access box with min 3 no inlets each side, or similar approved

Graf EcoPlus system, or similar approved, installed in understairs cupboard to manufacturer instructions. Emergency overflow connection into adjacent SVP

Feeder Pillar for Street Lighting and Visitor Electric Car Point



**SURVEY INFORMATION**  
 MK Surveys - 01908 565561  
 DRG NUMBER: 17523 - Sheets 1-12  
 DATE RECEIVED: 17/12/2014

**ARCHITECT SITE PLAN INFORMATION**  
 PRP Architects - 020 7653 3464  
 DRG NUMBER: AL6157C-3000/3100  
 DATE RECEIVED: April 2016

**NOTES**

- All dimensions and levels are in metres unless otherwise noted
- This drawing is to be read in conjunction with the relevant Architect's/Engineer's drawings, specifications and CDM documentation
- This drawing has been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions only (DO NOT SCALE). All dimensions to be checked on site. Any errors or omissions to be reported to the engineer immediately.
- This drawing contains coloured lines / information that may not be clear if reproduced in black and white.

**Buried Services Key:**

- 1x Fibre Optic Ducting
- 1x Fibre Optic Duct installed as Hills works. Plus 1x Fibre Optic Duct subject to A2Dominion/Silver instruction.
- Fibre Optic Chamber - For Chamber Sizes, refer Fibre Options Drawing, Latest revision
- Fibre Optic Chamber Reference to House

**Electricity Services:**

- 3x Electricity Duct - High Voltage
- 1x Electricity Duct - Low Voltage
- 2x Electricity Duct - Low Voltage
- Metered Feeder Pillar to feed Bollard Lighting
- Low Level Lighting Bollard to Allotments

**Water Main Services:**

- Water Main - 180mm HPPE (By TWUL or SLO)
- Water Main - 90mm HPPE (By SLO)
- Water Main - 90mm HPPE (By TWUL)
- Water Main - Service Connection

**Washout/Fire Hydrant Locations**

- Washout
- Fire Hydrant

**Blanking Plate Locations**

- Blanking Plate

**Valve Locations**

- Valve

**Temporary Washout Locations**

- Temporary Washout

**Rain Water Harvesting:**

- Rain Water Harvesting - Power Supply
- Rain Water Harvesting - Water Return

**District Heating Services:**

- District Heating - As-Built Pipework
- District Heating - Proposed Pipework
- District Heating - Service Connection (Alu/flex)
- District Heating - Service Connection (Steel/flex)

**Electric Vehicle Charging:**

- Electric Vehicle Charging - Ø50mm
- Electric Vehicle Charging - Ø100mm
- Electric Vehicle Charging - Ø150mm

**Note:**

- Car charging requirements and ducting to be agreed.
- Proposed footway tree-pits 1.50 x 1.50 x 1.20m (td) approx. See Landscape Architects plan for final locations.

**SPARE** SPARE Ducts within Bridge Footway

**Existing Drainage:**

- Existing foul water drain (private/non adopted)
- Existing surface water drain (private/non adopted)
- Existing foul water sewer (Adopted)
- Existing surface water sewer (Adopted)

AC3	SNN	TST	Area 1 Access Road re-aligned as client comments 12/06/2017	13/06/17
AC2	SNN	TST	Area 1 Access Road re-aligned as client comments 08/06/2017	09/06/17
AC1	SNN	TST	As constructed layout - S1a water feeds to Flats 296-299 as Client comments 02/06/2017	06/06/17
C11	SNN	RJW	Proposed trees adjacent to Plots 293 - 295 moved as per Client comments 31/03/2017	01/06/17
C10	SNN	RJW	Street Lighting amended to client comments	20/06/17
C09	SNN	TST	Services to the rear of Plots 293/294 re-routed as client comments	27/03/17
C08	SNN	TST	Fibre Options Notes added to Key as Client Comments	20/03/17

**DRAWING TITLE**  
 Combined Services Plan  
 Sheet 4 of 4

**PROJECT**  
 Phase 2  
 Bicester Eco Village  
 Bicester  
 Oxon

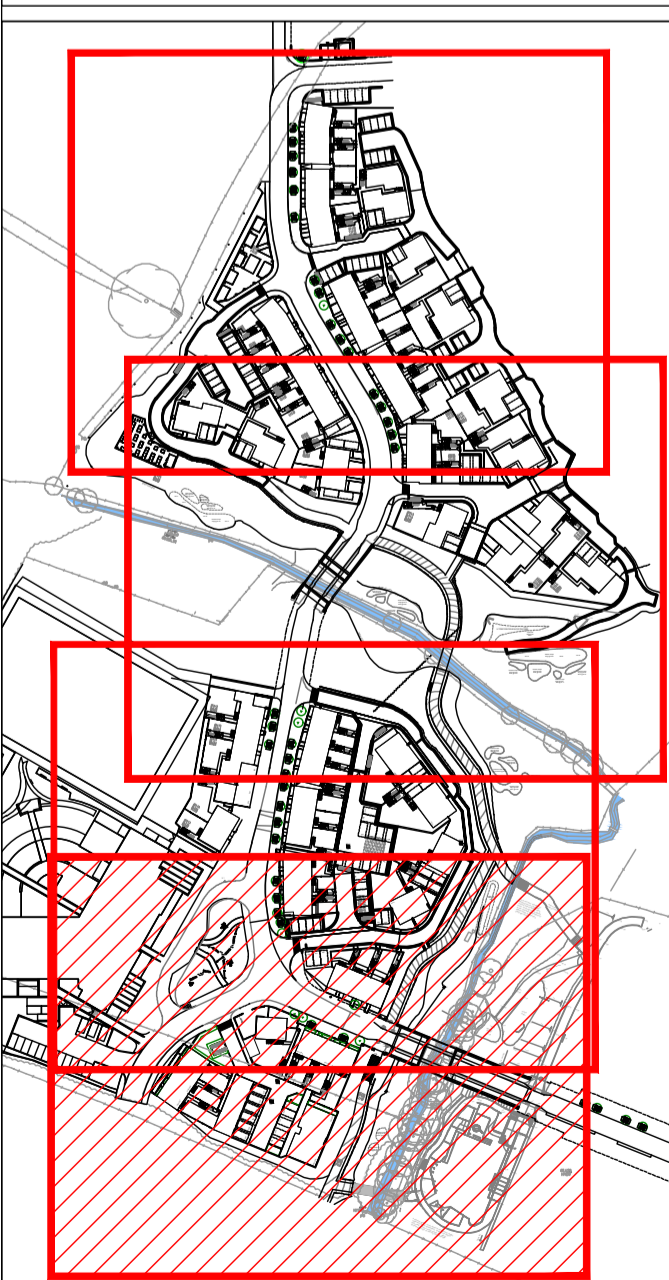
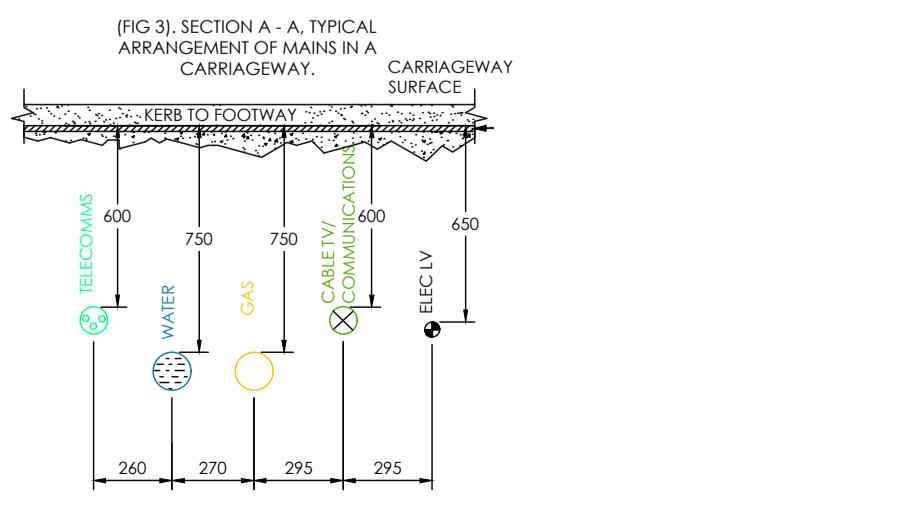
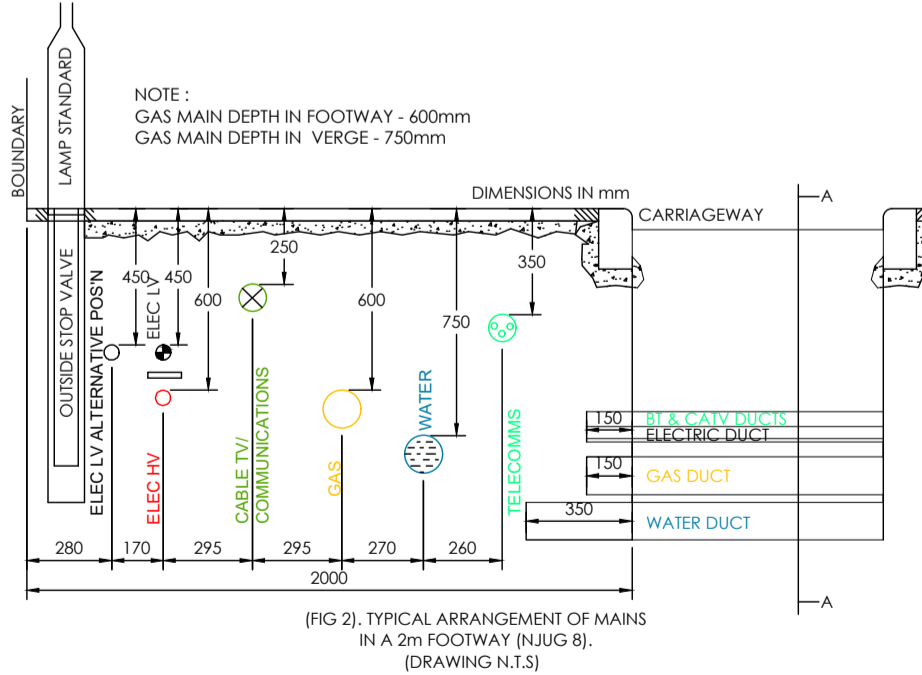
**DESIGNED BY** TST  
**DRAFTED BY** SNN  
**APPROVED BY** DJ

**DATE** 30/06/2016  
**STATUS** AS CONSTRUCTED

**SCALE** 1:250 @ A1  
 Scale bar @ 1:250

**CLIENT**

**JOB NUMBER** 15-1859  
**DRAWING NUMBER** 45-4  
**REVISION** AC3



Sheet Arrangement (1:2500)

X:\VCS Jobs\1800 Jobs\15-1859 Bicester Phase 2\01 - Drawings\01 CIV\15-1859\_Services.dwg