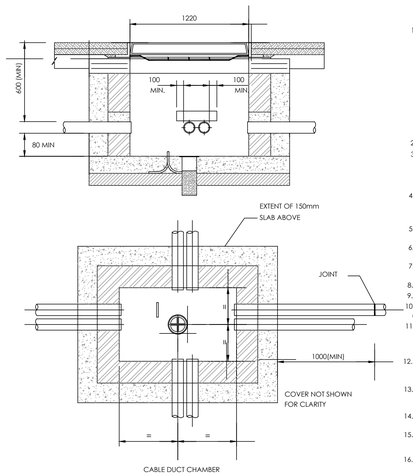
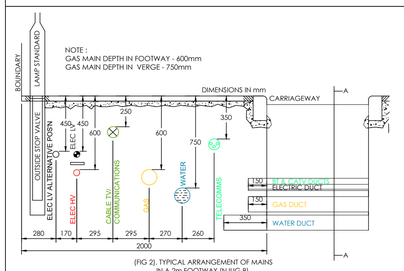


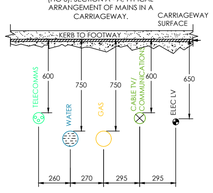
LEGEND

1. COVER AND FRAME TO BSEN124 1994 (WITH 1995 AMENDMENT) CLASS: D400, OPENING 1220x600mm 450x600mm OR 600x600mm DEPENDING UPON NUMBER OF DUCTS & CHAMBERS REQUIRED. TO BE AGREED WITH THE ENGINEER.
   COVER CLEARLY/DURABLY MARKED WITH:
   (i) MANUFACTURER'S MARK,
   (ii) MARK OF THE CERTIFICATION BODY,
   (iii) LEGEND 'TIL STREET MANAGEMENT',
   (iv) CLASS D400
   SEATING ACCOMMODATION/FITTINGS TO BE PROVIDED FOR THE STEEL SAFETY GRILLES.
2. FRAME TO BE BEDDED ON 15mm MINIMUM CLASS 2A MORTAR.
3. TWO GALVANISED STEEL SAFETY GRILLES. TO BE COMPRISED OF 25 x 10mm FLAT STEEL SECTIONS TO BS EN 10025S275 JR 1963, WITH FULL FILLET WELD BETWEEN SECTIONS. GRILLES TO BE HOT DIP GALVANISED TO BS EN ISO 1461: 1999. TO BE ADVISED BY THE ENGINEER PRIOR TO CONSTRUCTION
4. 225mm THICK CLASS B ENGINEERING BRICKS TO B3921 CONSTRUCTED IN ACCORDANCE TO BS 5628 PART 3 SET IN CLASS 2A MORTAR. THE BRICKS SHALL BE CONSTRUCTED IN ENGLISH BOND WITH FLUSH FINISHED JOINTS.
5. 200mm C40 CONCRETE SLAB WITH SULPHATE RESISTING CEMENT.
6. 150mm OF SUB-BASE - CLASS A GRANULAR BACKFILL TO NRSWA ACOP.
7. DUCTS TO EXTEND INTO THE DRAWPIT BY 10mm AND TO ENTER PARALLEL TO THE DRAWPIT BASE AND ADJACENT WALL.
8. DUCT ENTRY TO BE 80mm CLEAR OF ADJACENT WALLS AND BASE.
9. JOINT OR COUPLER, MINIMUM OF 1000mm FROM DRAWPIT.
10. INTERSTICES BETWEEN THE DUCTS TO BE FILLED WITH CLASS 2A MORTAR AND BE BETWEEN 15mm AND 25mm WIDE.
11. T20 ANCHOR IRON SECURED IN THE BASE FOUNDATION WITH THE TOP OF THE IRON BELOW THE BOTTOM EDGE OF THE DUCTS AND 50mm (CLEARANCE BETWEEN THE BOTTOM OF THE ANCHOR AND THE CONCRETE BASE. TO BE ADVISED BY THE ENGINEER PRIOR TO CONSTRUTION
12. 150mm DIAMETER SUMP. 400mm DEEP. FILLED TO A DEPTH OF 250mm WITH PEA SHINGLE AND FITTED WITH A 200mm RECESSED DRAIN GRATING AND FRAME (CIRCULAR OR SQUARE).
13. PRECAST CONCRETE LINTEL OVER TOP OF DUCTS WITH 100mm MINIMUM BEARING ALLOWED AT EACH END. REQUIRED WHEN MORE THAN TWO DUCTS ARE USED.
14. DEPTH OF DRAWPIT TO BE DECREASED IF EXISTING BURIED STRUCTURES/ SERVICES DICTATE.
15. 150mm REINFORCED C40 CONCRETE COVER SLAB WITH TWO LAYERS OF A252 MESH 300mm LAPS AND 40mm COVER TO THE MESH. TO BE ADVISED BY ENGINEER PRIOR TO CONSTRUCTION
16. 150mm C40 CONCRETE SURROUND TO EXTEND TO OVERBREAK.



(FIG 2). TYPICAL ARRANGEMENT OF MAINS IN A 2m FOOTWAY (NJUG 8). (DRAWING N.T.S)

(FIG 3). SECTION A - A, TYPICAL ARRANGEMENT OF MAINS IN A CARRIAGEWAY.



Section 38 Tree Options

Tree Location as a2dominion planning drawing: 7239-UA001881-F

Tree to be re-located as shown to avoid clashing with Buried Services

Tree to be removed to avoid clashing with Buried Services

Street Lighting:	
(8 No.) (2 No.) (3 No.) (4 No.)	**For Street Lighting Specification, Refer Oxfordshire County Council drawing 'A4408' latest revision**
	For Spine Road Street Lighting Specification, Refer Hyder Consulting drawing 'UA001881-7264' latest revision

FIBRE OPTIONS: Chamber to support future connection to Phase 3

FIBRE OPTIONS: Additional chamber 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 Optic Ducting

Notes:

1. Routing and chamber location is indicative but it is essential that:
   1.a. Chambers are in the vicinity of the location indicated so that they are able to serve the specified properties.
   1.b. Swept 'T's are installed in the orientation shown so that each property connects to its specified chamber
   1.c. No more than 11 properties should be serviced from each chamber
2. All chambers to be BT Footway6 or equivalent
3. All ducting and installation techniques to be in accordance with the BT Openreach "Developers Handbook - How to build a fibre network", unless otherwise approved

Sheet Arrangement (1:2500)

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

1. All dimensions and levels are in metres unless otherwise noted
2. This drawing is to be read in conjunction with the relevant Architect's/Engineer's drawings, specifications and CDM documentation
3. This drawings 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.
4. This drawing contains coloured lines / information that may not be clear if reproduced in black and white.

Buried Services Key:

Fibre Optic Service:	
1xFO	1x Fibre Optic Ducting
2xFITH	1x Fibre Optic Duct installed as Hills works. Plus 1x Fibre Optic Duct subject to A2Dominion/Silver instruction.
FC	Fibre Optic Chamber - For Chamber Sizes, refer Fibre Options Drawing, Latest revision
27	Fibre Optic Chamber Reference to House
Electricity Service:	
3xHV	3x Electricity Duct - High Voltage
1xLV	1x Electricity Duct - Low Voltage
2xLV	2x Electricity Duct - Low Voltage
FP	Metered Feeder Pillar to feed Bollard Lighting
LB	Low Level Lighting Bollard to Allotments
Water Main Service:	
WAT	Water Main - 180mm HPPE (By TWUL or SLO)
WAT	Water Main - 90mm HPPE (By SLO)
WAT	Water Main - 90mm HPPE (By TWUL)
WAT	Water Main - Service Connection
	Washout/Fire Hydrant Locations (WA = Washout, FH = Fire Hydrant)
	Blanking Plate Locations
	Valve Locations
	Temporary Washout Locations
Rain Water Harvesting:	
RW LV	Rain Water Harvesting - Power Supply
RW WAT	Rain Water Harvesting - Water Return
District Heating Service:	
	District Heating - As-Built Pipework
	District Heating - Proposed Pipework
	District Heating - Service Connection (Aluflex)
	District Heating - Service Connection (Steelflex)
Electric Vehicle Charging:	
EV CH	Electric Vehicle Charging - Ø50mm
EV CH	Electric Vehicle Charging - Ø100mm
EV CH	Electric Vehicle Charging - Ø150mm

Note:

1. Car charging requirements and ducting to be agreed.
2. Proposed footway Tree-pits 1.50 x 1.50 x 1.20m (dp) 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)

Rev	Drawn by	Chk'd by	Comments	Date
C08	SNN	TST	Fibre Options Notes added to Key as Client Comments	20/03/17
C07	SNN	TST	District Heating, Fibre Options and Tree Positions amended as Client Comments.	16/03/17
C06	SNN	TST	Section 38 Tree Positions amended in line with a2dominion drawing 7239-UA001881-F	09/03/17
C05	SNN	TST	Fibre options chamber references, Water main 'STOP' valves and DH crossings added.	02/03/17

DRAWING TITLE
Combined Services Plan
Sheet 1 of 4

PROJECT
Phase 2
Bicester Eco Village
Bicester
Oxon

DESIGNED BY	DRAFTED BY	APPROVED BY
TST	SNN	DJ

DATE 30/06/2016 STATUS **CONSTRUCTION**

SCALE 1:250 @ A1 — 0m 4.25m 12.5m Scale bar @ 1:250

CLIENT: Hill

Infrastruct CS Ltd

JOB NUMBER 15-1859 DRAWING NUMBER 45-1 REVISION C08

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