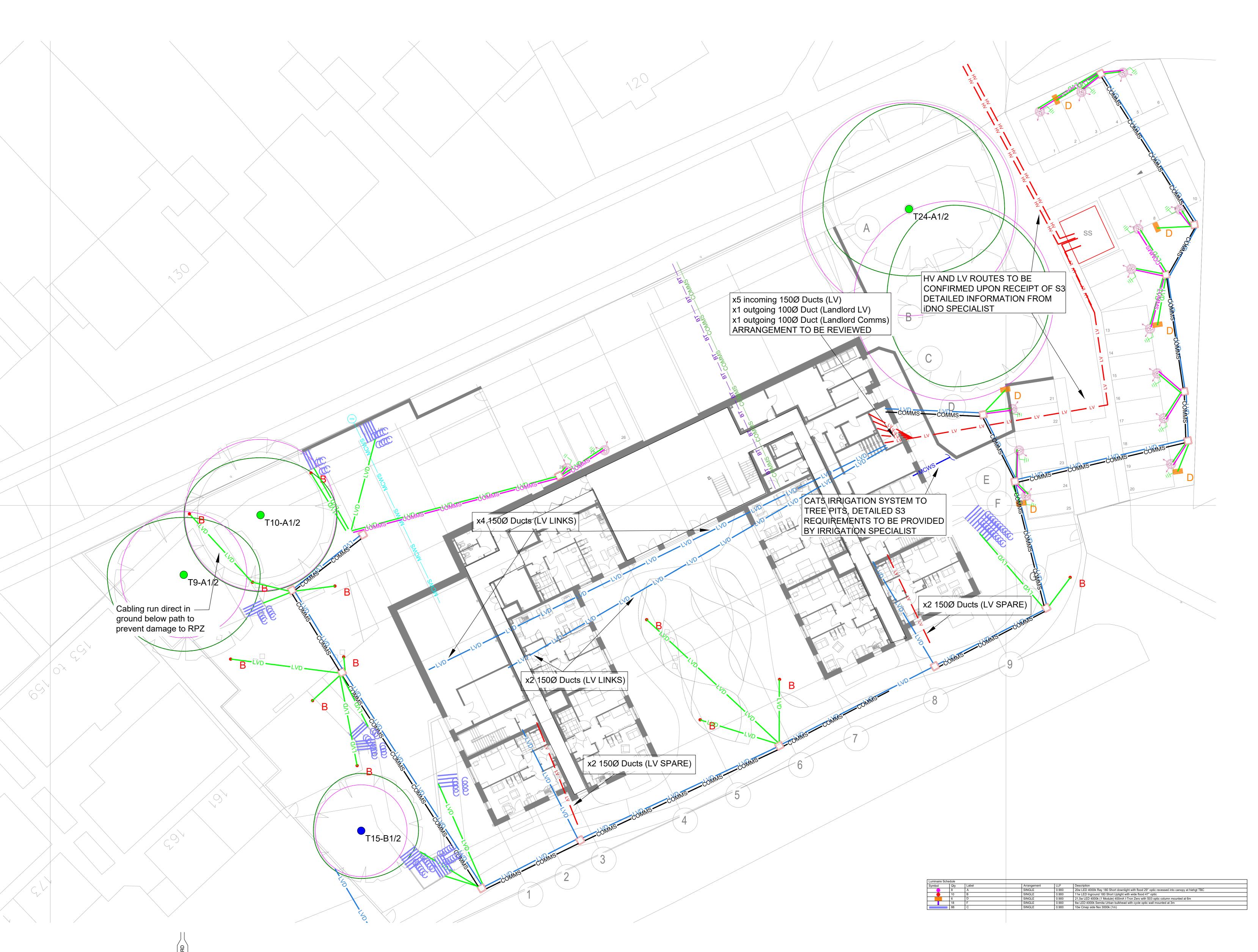
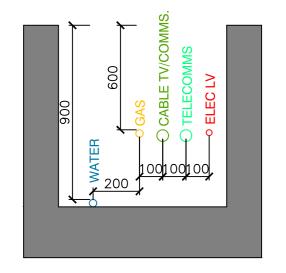
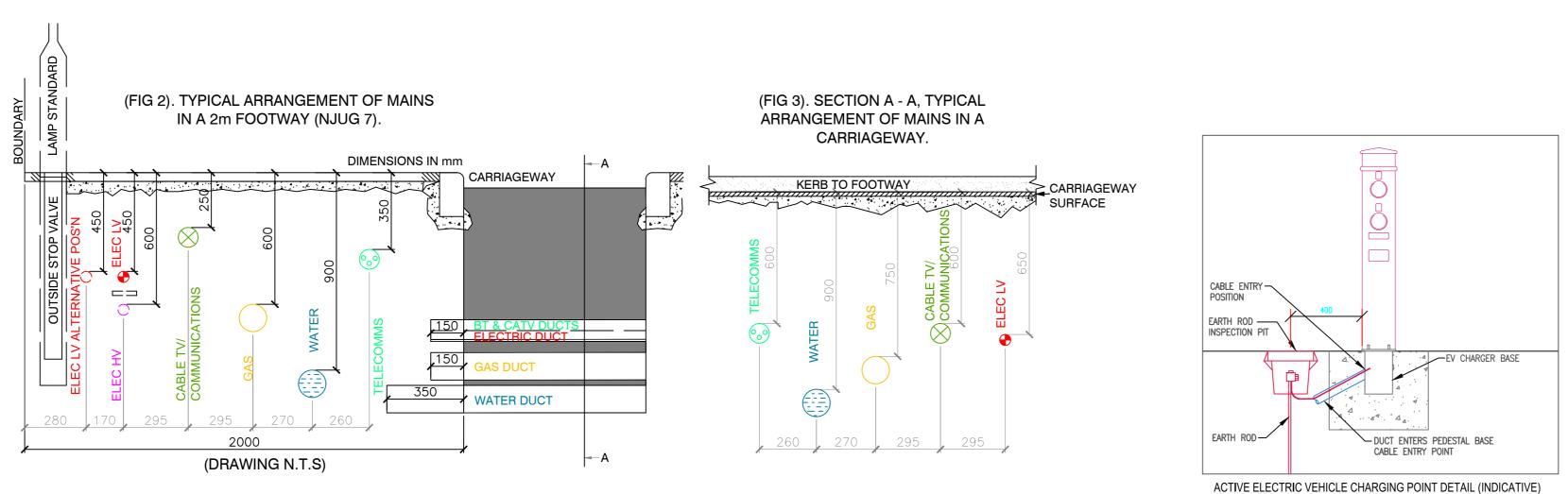
NOTES:

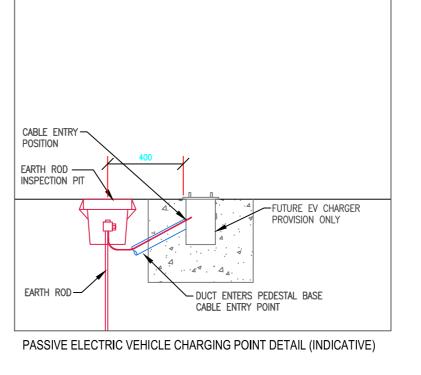
- DO NOT SCALE FROM THIS DRAWING.
 THE ACTUAL POSITION AND STATUS OF ANY MAINS AND SERVICES MUST BE VERIFIED AND ESTABLISHED ON SITE. THIS DRAWING IS PROVIDED FOR INFORMATION ONLY.
- 3. IT MUST BE ASSUMED THAT ANY EXISTING BUILDING IS SERVED WITH LIVE SUPPLIES UNTIL PROVEN OTHERWISE. WRITTEN CONFIRMATION THAT A SUPPLY IS DEAD MUST BE OBTAINED FROM THE RELEVANT UTILITY.
- CABLES TO STREET LIGHTING, ROAD SIGNS AND ILLUMINATED BOLLARDS ARE NOT SHOWN BUT MUST BE ASSUMED TO EXIST.
 THE LOCATION OF ANY MAINS AND SERVICES MUST
- BE UNDERTAKEN BY HAND DUG TRIAL HOLES. THE APPROVAL OF THE APPROPRIATE UTILITY MUST BE SOUGHT BEFORE ANY MECHANICAL PLANT IS USED.
- UNDERGROUND SERVICES MUST BE LOCATED IN ACCORDANCE WITH HSE GUIDANCE NOTE HS (G) 47.
 OVERHEAD POWER LINES MUST BE DEALT WITH IN
- ACCORDANCE WITH HSE GUIDANCE NOTE GS 6 (THIRD EDITION).8. FOR CLARITY SERVICES ARE REPRESENTED BY
- SINGLE LINES. THIS DOES NOT INDICATE THE NUMBER OF CABLES, DUCTS AND PIPES THAT MAY EXIST IN THE LOCATIONS INDICATED.
- MAINS ROUTES AND SERVICES HAVE NOT BEEN CHECKED AGAINST FOUL AND SURFACE WATER DRAINAGE.
 MAINS AND SERVICES ROUTES ARE INDICATIVE
- ONLY. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION.11. SERVICE ENTRY POINTS ARE INDICATIVE. THIS
- DRAWING MUST BE CROSS-REFERENCED WITH THE LATEST ARCHITECTS AND BUILDING SERVICES PLANS AND SCHEMATICS.
- 12. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL THE RELEVANT CONTRACT DOCUMENTATION.
- 13. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED. DIMENSIONS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION & ANY DISCREPANCIES REPORTED TO THE ENGINEER.
- 14. NOT ALL HATCHES & LINETYPES SHOWN ON THE LEGENDS & KEYS MAY BE PRESENT ON THIS DRAWING. DRAWINGS TO BE PRINTED IN COLOUR BY DEFAULT, TYPICAL MATERIAL COLOURS ARE FOR CLARITY ONLY.
- 15. ALL SERVICES ARE NEW, UNLESS STATED OTHERWISE.
- 16. FIRE MAIN TO BE PROVIDED TO SUPPLY 75L/S TO ANY OF THE HYDRANTS SHOWN (TO BE PROVIDED BY FIRE MAIN SPECIALIST).
- PIPEWORK TO BE LAID AS RECOMMENDED BY UTILITY COMPANY & IN CONJUNCTION WITH 'NJUG' (NATIONAL JOINT UTILITIES GROUP) GUIDELINES.
 MARKER SYSTEMS SHALL BE LAID ABOVE ALL NEW
- PIPEWORK TO AID IN FUTURE IDENTIFICATION & TRACING. 19. ALL TUBE & FITTINGS SHALL BE INSTALLED FULLY
- IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR THIS PIPEWORK SYSTEM. ALL JOINTS SHALL BE BUTT-FUSION OR ELECTROFUSION WELDED.
 20. WHERE GAS & WATER OR OTHER SERVICES ARE
- LAID IN A COMMON TRENCH, A MINIMUM OF 600M SEPARATION SHALL BE MAINTAINED AT ALL TIMES.
 21. ALL DUCTING AND DRAW PITS FOR BT/OPENREACH
- SERVICES TO COMPLY WITH BT/OPENREACH STANDARD AND SEGREGATED FROM ALL OTHER SERVICES



(FIG 1). TYPICAL CROSS SECTION OF A SERVICE TRENCH.







ALWAYS EXERCISE CAUTION WHE
REFER TO HSE (G) 47 FOR G
NOT FOR CONSTRUCTION. SUBJE
AND CIVILS DESIGN, REVIEW AN
FINAL SETTING OUT BY OTHERS
LEVELS, SET POINTS, DATUMS ANI
REFER TO SITE SURVEYOR OR C
ARCHITECT'S DRAWIN



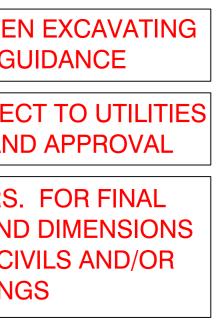
The design team have highlighted unusual and significant risks that may not be obvious to a competent contractor. They are to assist with risk reduction only and are not necessarily comprehensive. It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

General Notes

- The Electrical Services Installation shall comply with BS 7671:2018 Requirements for Electrical Installations, IET Wiring Regulations Eighteenth Edition.
- 2) The Electrical Services and Fire Alarm System installation shall comply with BS 5839-1:2017 Fire Detection & Fire Alarm systems for buildings - code of practice for system design, installation, commissioning & maintenance.
- The Electrical Services and Emergency Lighting System installation shall comply with BS 5266-1:2016 Emergency Lighting - Code of Practice for the Emergency Escape Lighting of Premises.
- 4) Mechanical Services shall comply with all relevant Building Regulations (and approved documents), The Gas Safety (Installation and Use) Regulations 1998, The Water Supply (Water Fittings) Regulations 1999, WRAS Regulations, CIBSE, CIPHE and IGEM guides/codes of practice.

LEGEND	
—MCWS——	MAINS COLD WATER DIRECT BURIED BARRIER PIPE
MCWS	CAT5 IRRIGATION WATER SUPPLY
-GAS	GAS MAIN DIRECT BURIED YELLOW MDPE SDR 17.6
— HV —	DNO HV CABLE
LV	DNO LV CABLE (NEW)
LV	DNO LV CABLE (REDUNDANT TO BE REMOVED)
-LVD	LANDLORD LV Ø150
-LVD	LANDLORD LV Ø50
— BT —	BT OPENREACH DUCTS Ø90 (See Virgin Media Spec)
-COMMS	VIRGIN MEDIA DUCTS Ø90 (See Virgin Media Spec)
-COMMS	LANDLORD COMMS DUCTS Ø100
-COMMS	LANDLORD COMMS DUCTS Ø50
	DRAW PIT 450x450 UNLESS OTHERWISE DETAILED
BT	DRAW PIT STRICTLY IN ACCORDANCE WITH OPENREACH SPECIFICATION
Ĩ	TWIN OUTLET ELECTRIC VEHICLE CHARGING POINT C/W TT EARTH PIT C/W Ø50MM LV DUCT AND Ø50MM COMMS DUCT TO NEAREST DRAW PIT
	SINGLE OUTLET ELECTRIC VEHICLE CHARGING POIN

SINGLE OUTLET ELECTRIC VEHICLE CHARGING POINT C/W TT EARTH PIT C/W Ø50MM LV DUCT AND Ø50MM COMMS DUCT TO NEAREST DRAW PIT



<u> </u>	S2 Issue		BS	GD	10-08-23	
P03	S2 Issue		BS	GD	23-07-23	
P02	S2 Issue		BS	GD	20-07-23	
P01	Preliminary Issue		BS	GD	14-06-23	
rev.	description		drawn	chkd.	date	
	Carmel MEP Consulting Limited Airlborough Chesterfield Derbyshire S43 4FR		+44 +44	(0) 1246 (0) 1246		
	Jnit A, Blenheim House I Blenheim Road	Tel.: Fax.:			6 575 800 2 746 301	
	Epsom Surrey KT19 9BE	e-mail:		. ,	mep.com	
P02 S2 Issue BS GD 20-07-23 P01 Preliminary Issue BS GD 14-06-23 rev. description drawn chkd. date Image: Construction of the constru						
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Title	Hearnden (Site Pla External Se	n rvice:	S	110	01	
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