

The contractor shall refer to the following design drawings for additional information:

UKPS: UKP12144- 01
 Gas: N/A
 Water: South East Water - NARS 22210_LP_001
 BT: Open Reach EVY100C
 Hyperoptic:- 3278378089 Drawing Pack
 External Lighting: Refer to External Architects details.
 External Car Charging: 700399-DBL-SW-00-DR-ME-6050 - 700399-DBL-SW-00-DR-ME-6056
 Incoming Service Ducts: 700399-DBL-AB1-00-DR-ME-6501,
 700399-DBL-AB2-00-DR-ME-6502, 700399-DBL-AB3-00-DR-ME-6503,
 700399-DBL-AB4-00-DR-ME-6504, 700399-DBL-AB5-00-DR-ME-6505 &
 700399-DBL-CP-00-DR-ME-6550 - 700399-DBL-CP-00-DR-ME-6573

- Bending radius ducting shall be in accordance with utility providers details but as a minimum shall be in accordance with below table.
 - The purpose of this drawing is to provide a single source drawing for the utility services and to assist the with the installation of the below ground services. Onsite amendments will still need to be made for the coordination with existing below ground services.
 - The services shall follow the requirements of the NJUG publication for services within carriage way & footpath.
 - The contractor shall note that all ducts shall be provided with slow radius bends.
 - Where services are installed in close proximity to trees, these shall be protected by the provision of roots barriers approved by the specialist contractor.
 - External lighting to be run in SWA cable within the soft dig area where possible.
 - All ducts shall be approved by the Utility company whose service shall be installed within.

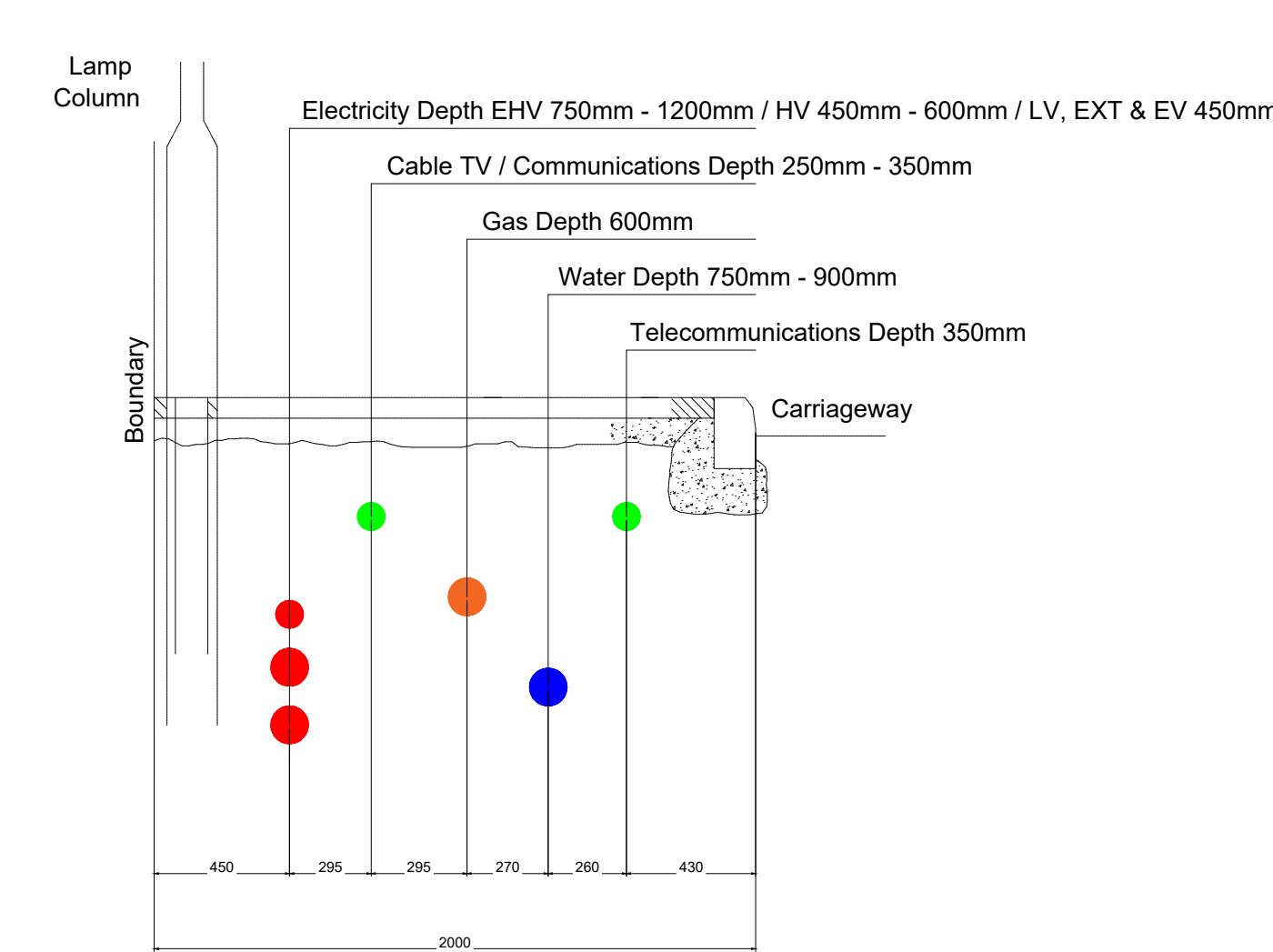
All ducts shall be twin walled rigid duct:

- Black - Electricity
 - Blue - Water
 - Yellow - Gas
 - BT/Hyperoptic - Approved

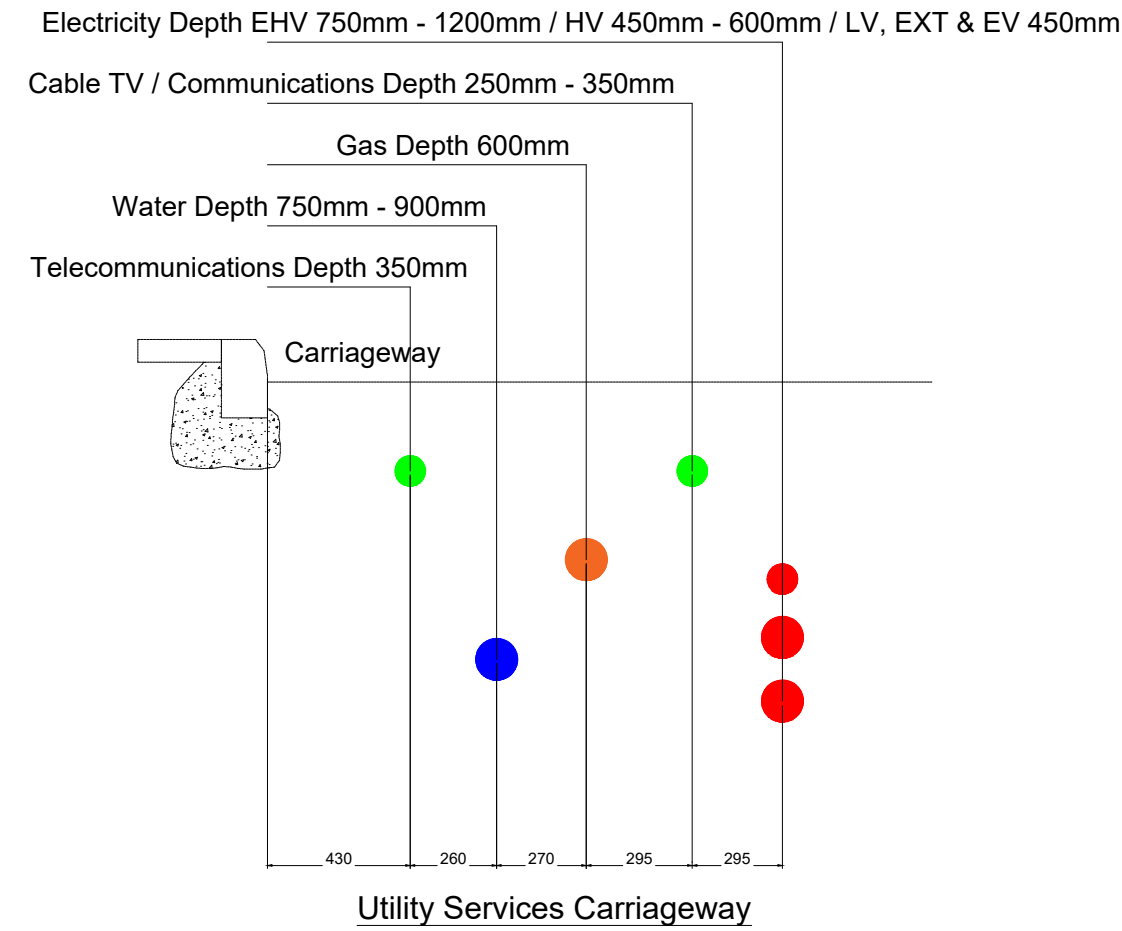
Duct radius to be in accordance with the following table		
Duct Size	Bending Radius	
	BCW	Others
90Ø	15D-25D	12D
100Ø	15D-25D	12D
125Ø	15D-25D	12D
150Ø	15D-25D	12D
200Ø	15D-25D	12D

D = Diameter of Duct

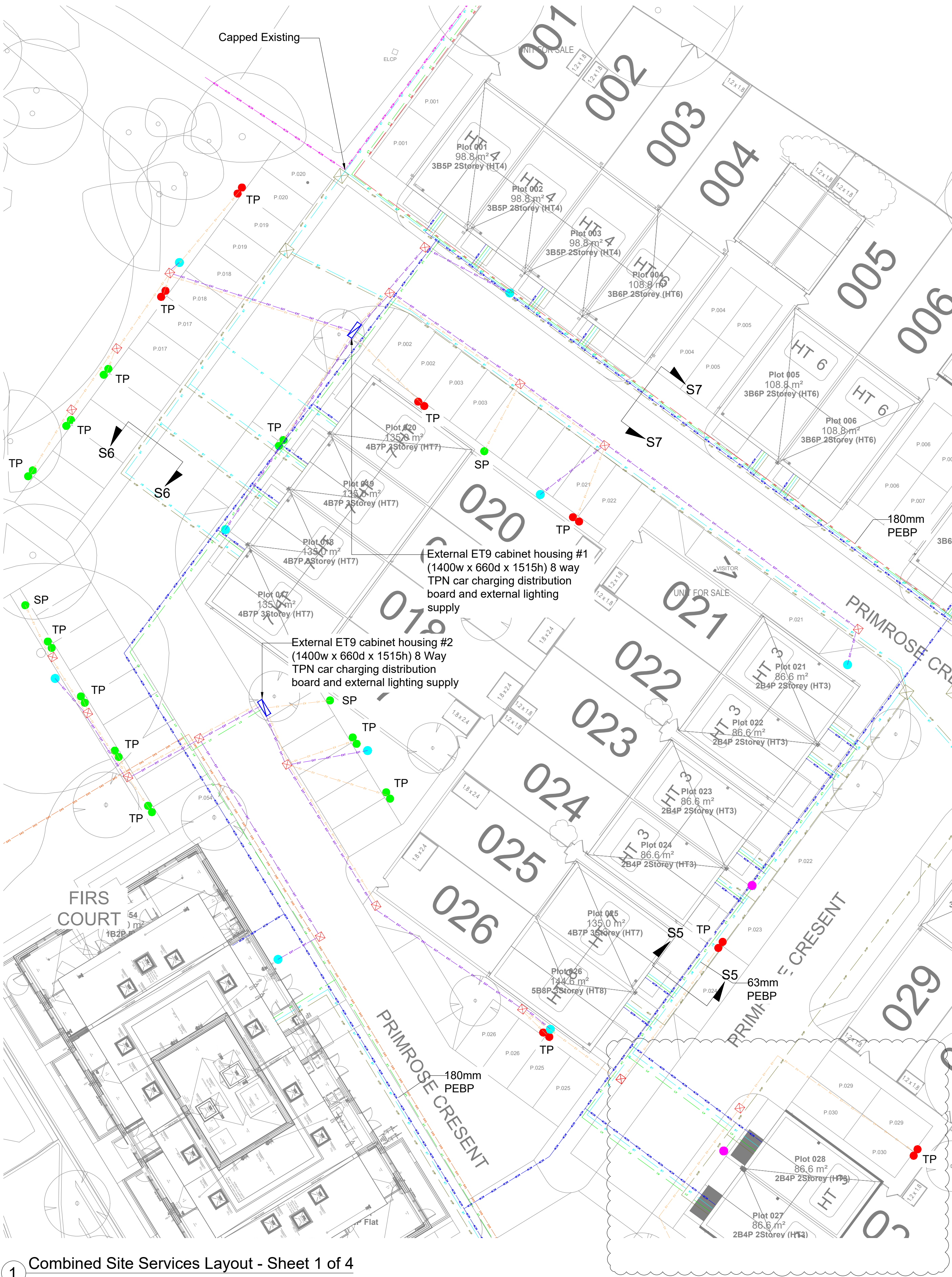
Bending Radius Table



Utility Services Cover & Separation In Footways



Utility Services Carriageway



1 Combined Site Services Layout - Sheet 1 of 4

Scale: 1 : 200

P07	Updated duct route added for EVC for plot 29 & 30	11.06.24	ML
P06	Changed 1no light to adoptable	11.04.24	JD
P05	Updated duct route for external lighting as per adoptable highway layout	09.04.24	ML
P04	Updated size of feeder pillar and house charging point to suit latest landscape layout	12.03.24	ML
P03	Updated with latest site plan	20.03.23	ML
P02	Added ductwork for electric vehicle and external lightning and coordinated with site drainage	16.03.23	ML
P01	Preliminary Issue	15.02.23	JD
REV	DESCRIPTION	DATE	NAME

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 This drawing conveys design intent and is provided to assist the contractor/sub-contractor in the development of their working drawings.
 Do not scale from this drawing.

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SITE KEY - NTS@A1

STATUS: Preliminary Issue
 PROJECT NUMBER /TITLE:
 J6367A - Gorse Ride South, Finchampstead

DRAWING TITLE:
 Combined Site Services Layout
 Sheet 1 of 4

DATE / DRAWN BY	11.01.23 JD	SCALE	As indicated 1:200@A1
DRAWING NUMBER	700399-DBL-SW-00-DR-ME-7060	REV	P07

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement, in addition to the hazards/risks normally associated with the type of work detailed on this drawing note the following:

Construction

- Working at high height to install all new high level services shall be managed safely, using the correct equipment.
 - During the creation of new builderswork holes for cables to pass through workers should be using the correct PPE equipment.
 - The use of portable tools should be done through 110V supplies only

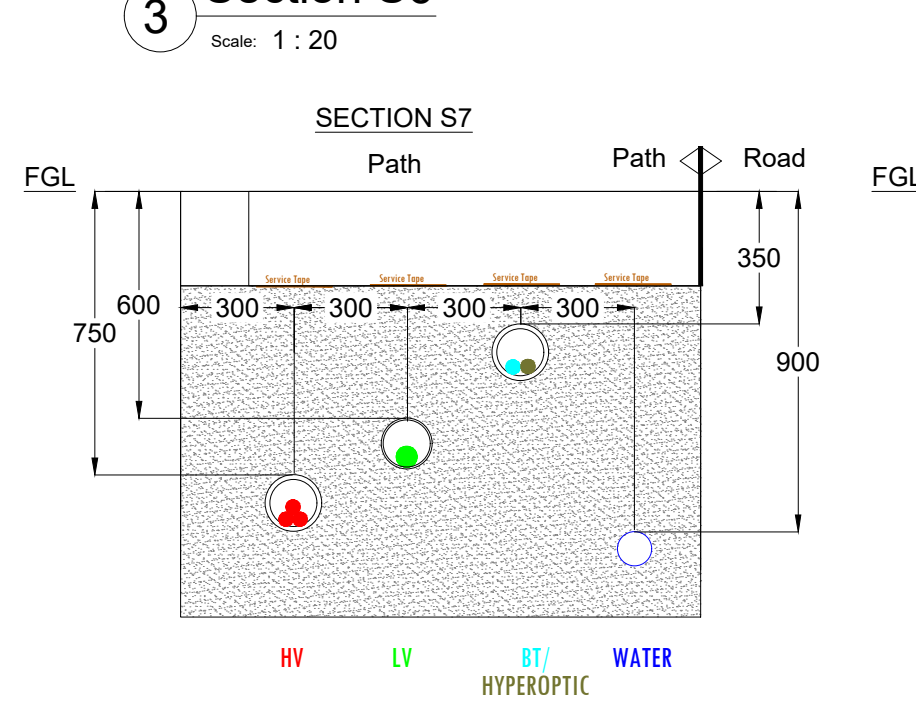
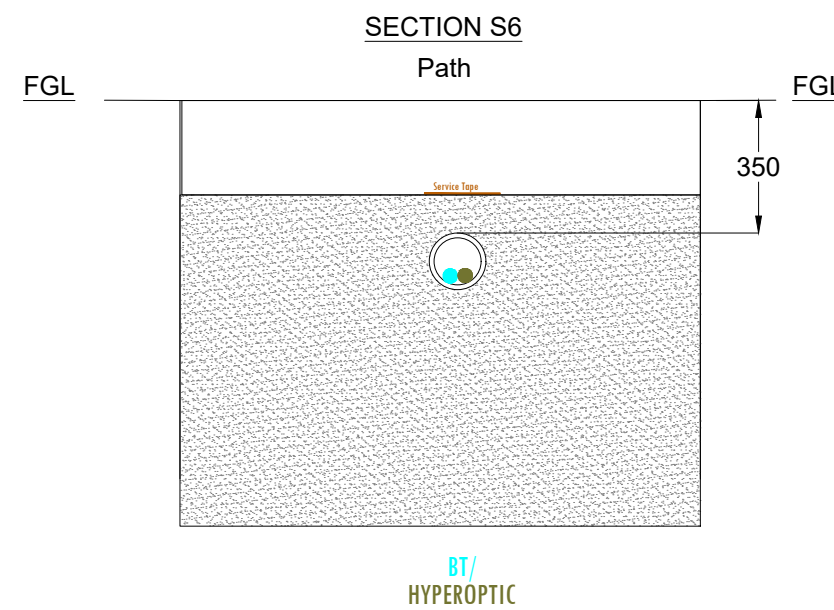
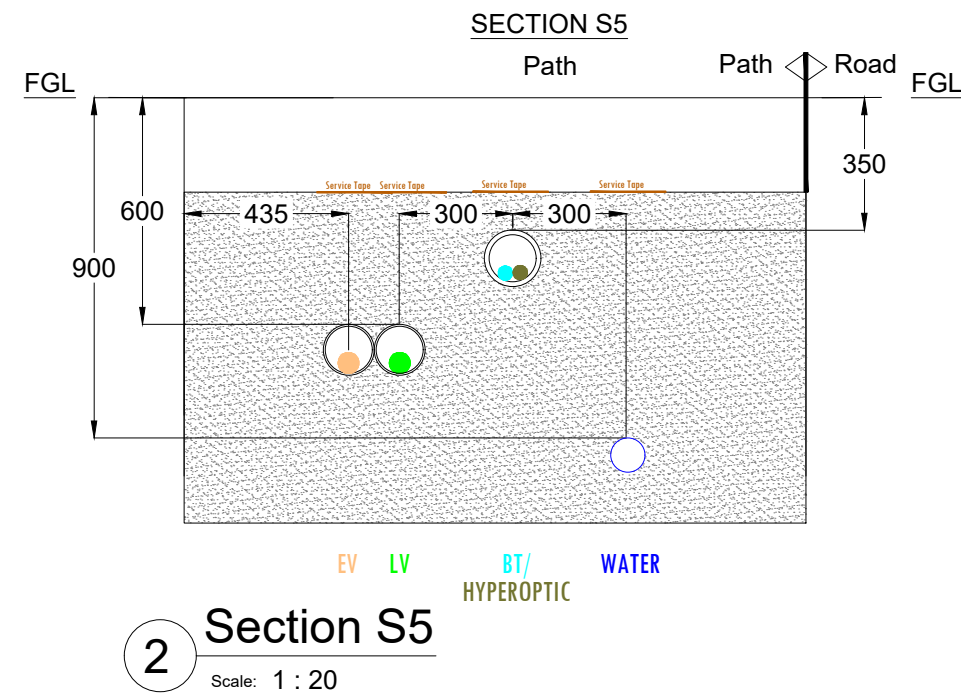
Maintenance/cleaning

- The installation of MEPH equipment has been coordinated during the design stage to ease maintenance and avoid unnecessary risks.

Operation

- There are no unusual operation risk identified.

Legend:	
	Existing Diverted Mains Cold Water
	New Mains Cold Water
	HV Electric
	LV Electric
	BT/Openreach
	Hyperoptic
	Existing Gas
	Electric Vehicle
	External Lighting
	Feeder Pillar
	Non-adopted Lamp Column
	Adopted Lamp Column
	Post mounted Single Electric Vehicle Charging (Apartments) Wired from feeder pillar
	Post mounted Twin Electric Vehicle Charging (Apartments) Wired from feeder pillar
	Post mounted Twin Electric Vehicle Charging (House) Wired from feeder pillar
	Post mounted Single Electric Vehicle Charging (House) Wired from feeder pillar
	Pull Chamber (450(L) x 450(W))



4 Section S7

Scale: 1 : 20