

For further assistance, please call our Customer Care Team on **T 0845 641 3010** who will be happy to help.

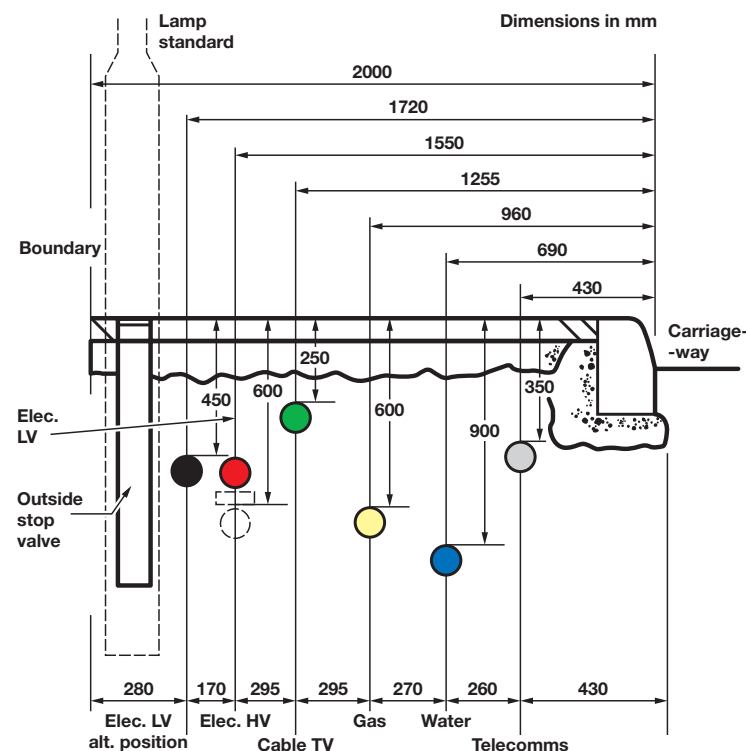
## Ducting for Water Pipes & Electricity Cabling

Polyethylene (PE) pipe or electrical cables can be inserted into a pre-laid duct. The duct is laid during the site construction stage.

Please contact Fulcrum at the design stage to evaluate if ducting is appropriate for your site.

[www.fulcrum.co.uk](http://www.fulcrum.co.uk)

Water	Pipe Size	Minimum Duct size
	<=32mm	50mm
	63mm	100mm
	90mm	160mm
Electricity	Mains	150mm plastic corrugated
	Single service	38mm plastic corrugated
	2-4 services	60mm plastic corrugated



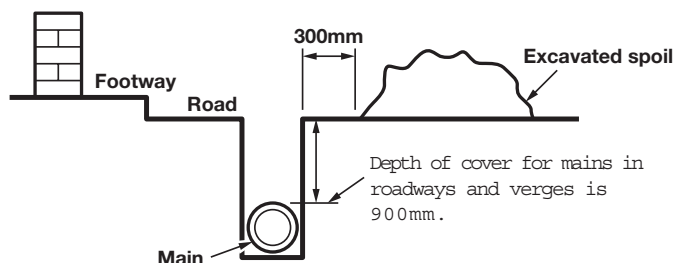
National capability,  
regional delivery,  
dedicated local service.



## Water

Water ducting must be blue in colour and adequately sized for the service pipe.

Water marker tape must be laid 200mm above the duct to avoid interference damage to gas pipes. Polyethylene (PE) gas, water or cable pipe must not be used as a duct.



PLEASE NOTE: The depth of cover required is to ensure that the pipe is beyond the normal depth that frost will penetrate.

**Ducting should not be laid in contaminated land, as permeation of the duct would result in contamination of the water supply.**

## Electricity

Electricity cable ducting must be red or black in colour, dependant on the voltage range and adequately sized for the service cable (see table 1 below). Electricity marker tape or tiles must be laid 200mm above the duct to avoid interference damage to electricity cables. Polyethylene (PE) gas, water or cable pipe must not be used as a duct.

**Table 1**  
**Voltage**

EHV

HV

LV

**Surface**

Carriageway

Footpath/  
Verge

**Duct**

Black

Black or Red

Black or Red

**Depth**

HV 750mm

LV 600mm

HV 450-600mm

LV 450mm

**Marker System**

Yellow with black & red legend  
or concrete tiles

Yellow with black legend

Yellow with black legend

A quality service,  
meeting your needs,  
safely delivered.

