


# METIS HOMES

Modern Homes. Traditional Values.



## SAFETY ALERT



## NO. 6

<b>Alert date:</b>	<b>29<sup>th</sup> November 2023</b>
<b>Condition:</b>	<b>Groundworker setting out kerb line with road pins</b>
<b>Resulting risk:</b>	<b>Metal pin was hammered into live HV underground cable</b>
<b>How identified:</b>	<b>Site accident records - operative received an electrical shock to left arm</b>
<b>Condition supporting photos:</b>	 <p>Site had been prepared and marked to show that known live services were in vicinity</p>
<b>Work being performed:</b>	<b>Setting out kerb line for completion of access bell-mouth</b>

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<b>Relationship between condition and work being performed:</b>	<b>Following CAT scan, reduced level dig was carefully undertaken to expose the cable at formation depth. A sub-base capping layer was then laid to the area and blue markings were sprayed to indicate location of underground cable. Engineer attended to set out radii for kerb laying as next operation. Operatives were aware that underground cables were in vicinity.</b>
<b>Corrective action (options &amp; selected):</b>	<ul style="list-style-type: none"><li>- <b>Use alternative setting out marker that does not require ground penetration</b></li><li>- <b>Use off-set pins for setting out to avoid penetrating ground within zone of cable</b></li><li>- <b>Use non-conductive road pins</b></li></ul>
<b>Corrective action supporting photos:</b>	<div style="display: flex; justify-content: space-around;"><div data-bbox="480 1010 858 1464"></div><div data-bbox="943 1010 1313 1464"></div></div> <p data-bbox="496 1487 799 1518">Non-conductive road pin</p> <p data-bbox="959 1487 1270 1518">Non-penetrating road pin</p>
<b>Preventative action:</b>	<ul style="list-style-type: none"><li>- <b>Ensure Permit to Dig procedures are properly adhered to and cables are always located prior to any ground penetrations</b></li><li>- <b>Re-mark ground above utilities locations as necessary to ensure hazard is always visible</b></li><li>- <b>Avoid having metal road pins on site so that they cannot be used</b></li></ul>
<b>Alert prepared by:</b>	<b><i>Andrew Sinclair</i></b>