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Outline the Scene	Incident	11Kva Cable strike
	Subject	Cable strike
	Incident Date	23/07/2021
	Business Unit	Fletcher Living – Canterbury

What happened



On 23rd July 2021, whilst trenching for foundations using a 5 TON excavator, a Contractor struck an 11kva cable buried approx. 600mm below ground level.

The Orion Faults team arrived onsite approx. 1hr later notifying FRL management that they had a fault in their line. On investigation the damaged cable was found approximately 4m away from where the contractor was working. There was no evidence of danger tape in the proximity where the cable was exposed.

Prior to any works occurring onsite:

- Engineers' drawings (As built) were provided and reviewed.
- Ground penetration Radar undertaken and a permit to dig completed.
- Block wall foundations were marked out by landscapers.

No injuries or other damage occurred as a result



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We believe all injuries are preventable, here are some questions to help us learn



1. Have clear precise communications been had prior to any marking out and breaking ground?
2. Has the correct location for ground penetration radar been confirmed and marked out prior to commencement?
 - a. Have the right people marked out the location?
 - b. Have they been marked on the ground?
3. Have the As-built drawings been checked?
<https://www.beforeudig.co.nz/nz/home>
4. Is hydro-vac being used or considered to confirm location of presumed services?
5. Are Contractors following their own procedures?
JSA/TA/SWMS/Permit
6. How accurate is the ground penetration radar?
7. Is the contractor aware of the FRL incident notification requirements?

For more information, please contact;

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