



NOTES

- Do not scale from this drawing.
- All dimensions, invert levels & notes are shown in millimetres.
- Clearwater are to be notified of any found omissions or discrepancies relating to this drawing.
- This document is to be read in conjunction with all other documents relating to this project.
- All proprietary products are to be installed in accordance with the manufacturer's requirements.
- The design, installation and maintenance of any temporary works required shall be the responsibility of the Contractor.
- For details of materials and workmanship refer to the mechanical/public health & electrical services specification.
- Installation is to be carried out strictly in accordance with the relevant British Standards & the building regulations.
- Final setting out of all services to be checked on site prior to installation.
- This document has been created in accordance with Clearwater terms and conditions along with the scope of works provided by the Client to Clearwater. Any use of this document other than for its original purpose is prohibited. Clearwater accept no liability for any third party uses of this document.
- As far as reasonably practical, all new ducts shall be installed at a depth of 450mm in the footpath and 600mm in the road. The depth is measured to the top surface of the duct.
- Cables and ducts shall never be installed at increased depths unless there is no other alternative, as increased depth reduces a cable's rating.
- In instances where the minimum depth cannot be achieved, the duct shall be installed with additional mechanical protection, in the form of either steel plates or steel ducts.
- All ducts shall be 125mmØ (internal dia.) black, twin-walled high density polythene ducting.
- All ducts shall be marked with the legend 'Electric Cable Duct' on two diametrically opposite sides.
- The Contractor shall backfill all access pits with a temporary covering to allow general traffic to continue using the road(s) until such time UKPN carryout their cable installations.
- The Contractor shall liaise with UKPN's Field Engineer for specific site requirements.
- All ducts passing through into the below ground vaults shall be fitted with waterproof puddle flanges.
- All duct ends shall be provided and fitted with waterproof seals.
- The Contractor shall be responsible for the design of all trenches and associated builderswork.
- The setting out of all services shall be in accordance with NJUG and UKPN requirements.

LEGEND

There are existing below ground services across the site. The Contractor shall undertake a detailed below ground survey to ascertain the location of all services within the Construction area using GPR technologies before undertaking any civil/trenching works. The Contractor shall survey to confirm the precise location of below ground vault boundaries prior to excavation works. Whilst the outline below ground vault boundaries are shown on this drawing, the locations and outlines are indicative only.

This drawing uses record Utility Survey information. The accuracy of existing services and locations cannot be ultimately confirmed. The Contractor shall read the utilities survey record information and make allowance for any discrepancies arisen from as installed services.

| revision | date | description | checked by |
|----------|----------|--------------------------------------|------------|
| P6 | 21-08-20 | EVC LV Distribution Design. | AB |
| P5 | 17-06-20 | Revised to suit Contractor Comments. | AB |
| P4 | 08-05-20 | Revised to suit Client Comments. | AB |
| P3 | 02-03-20 | Draft issue. | AB |
| P2 | 02-10-19 | Draft issue. | AC |
| P1 | 01-10-19 | Draft issue. | AC |

Do not scale this drawing. Take check dimensions on site. The contractor is responsible for pointing out all discrepancies to the Architect / Engineer.



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Project Title: HSLI - New Square LV Infrastructure Upgrade

Sheet Title: Excavation Works

| Scale | Date | Drawn | Officer | Checked |
|------------|------------|-------|---------|---------|
| 1:250 @ A1 | October 19 | CP | AB | MC |

Drawing No: 1024-CWN-XX-XX-DR-E-2701 | Revision: P6