

NOTES:

- The selected installation shall comply with BS 7671:2001 IEE Wiring regulations and all current standards.
- NOTE: It must be assumed that 'live' services are present underground - 'see health and safety guidance note BS6747 'Working Safer from underground services - Health and safety guidance note 100/016 Safety in excavations' and HSE publications HSE 1, 2, 3 & 4
- All used lifting underground cables to be drawn in a continuous minimum 25A nominal plastic cable.
- The proposed route to BS6747 2001:2-1 (type A) can be achieved as follows:
- Change 1: Using specified alternative
- Change 2: Street lighting main pipe to be installed along the length of the duct and above the line of the cable (see ducting layout), have crew cut installed within the ducting. All ducting to be withdrawn by CEC lifting.
3. Scottish Power
3. Scottish Power shall be required to:

witnessed by CEC lighting.

- Provide a new service to Supply Pillar SP0
- Disconnect their service from existing | labt

- Note:** the new lighting apparatus must be fully tested and witnessed by CEC lighting, prior to commissioning and prior to the disconnection and removal of the existing lighting network. The contractor must liaise with Scottish power regarding the provision of the new service to the supply pillar and service disconnections to the existing columns.

JOINT HOLE GUIDELINES

- New connections - 1000mm x 1500mm along the length of the cable and 75mm clearance under the cable.
- 1 joint disconnection and straight joint - 500mm x 500mm and 75mm clearance under the cable.
- Joint holes must be allowed a minimum of 20mm for the resin to set. Failure to do so may result in the joint becoming faulty.

- These sizes may have to be increased to allow for any other obstructions such as other services. If this criteria is not met and the works have to be cancelled a financial penalty may incur.

- Within Lighting Columns 01 to 08 these shall be terminated at an unincorporated double pole isolator, as T40 type 1 / DEC to BS 7674 fitted with a BA fused unit to BS 882-1.
- Exemptions to alterations to existing (cable columns) single phase installations require a suitable calcium metal fixed outside the distribution board within the supply girder or back board within the lighting column.
- Where any existing lighting apparatus is affected by new works or repairs and where any cable loop is terminated, the earth conductor and the cables SVMA shall be linked with a 10mm² cable braid continuity conductor to BS 6231.

7. The exact position of all new lighting apparatus shall be marked up on site by a representative of the CEC street lighting department, sufficient notice must be given to the lighting engineer.
8. Within grass/urine/road ground, columns shall require the face of the column to be positioned 1m back from the front of the kerb with the column door facing away from the direction of the oncoming traffic.

9. Columns shall be positioned at the rear of the footway with the column doors facing away from the oncoming traffic at all times unless otherwise stated on the drawing or by means of a written instruction from a representative of the CEC street lighting department.

10. All non-illuminated sign plates must be transferred onto the nearest suitable new lighting column.
11. Where any manufacturer has been quoted, any other equivalent manufacturer shall also be considered for approval. This must be done prior to works commencing on site.

12. Where work is being carried out on existing lighting apparatus, the supply to the particular apparatus must be isolated prior to any works commencing, this must be done under the supervision of a representative of the CEC street lighting department.

14. The developer / contractor must conform with the Health & Safety at Work Act 1974. The Safety monitored, inspected and tested by a representative of the CEC street lighting department.

15. The contractor shall provide a temporary system of lighting during the hours of darkness. The lighting levels are required to comply with BS 5469:2013

16. The contractor must consult with all the requirements of CEC lighting, environmental and consumer services department regarding temporary lighting prior to commencement of the works on site.

17. The contractor must ensure a programme of works is provided to the lighting engineer prior to the commencement of the works on site.

19. Cable routes to be agreed with CEC street lighting engineer prior to works commencing on site.
Contact: - David McKeon 0131 458 8083 (Design Enquiries)

- Contact - Luis Lino 01 31 456 8059 (Site inspection & test)

IF IN DOUBT ASK

REVISION	DETAILS	BY	DATE	CHECKED

EDINBURGH
THE CITY OF EDINBURGH COUNCIL

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EH11 4HD.
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HITTING

SAFE ROUTE LIGHTING
TRAVELRAN PARK
EDINBURGH

PROPOSED ROAD LIGHTING LAYOUT

Date: July 2017	Job No.	Drawn by: CS
Scale: 1:500@A1		Designed by: DM
		Checked by: SF