

Supplementary Check List for Pricing installation of (empty) underground Cable Ducts with draw cords, also a brick-built Service Termination Cabinet, ultimately to serve the proposed Path Lighting System. Sheet 1 of 2

Item No:	Description for all-in Rate	Total Quantity m	Unit Rate £	Total £	NOTES
13	Excavate narrow trench, say 250mm width, 600mm deep to receive 110mm dia cable duct with 450mm cover. Trench to adjoin the external perimeter of path, the nearest excavated face to be 300mm from the edge of the completed path.	Say 565			
14	Extra-over the above rate for breaking out trench across concrete hardstanding , between D & E, and reinstatement with 100mm concrete following installation of duct and infilling.	4			
15	Provide and lay twin wall 94/110 electric cable duct, complete with 6mm blue nylon drawcord, to comply with EN-61386-24. Bed on sand in trench. Backfill around duct with fine sand to a level 100mm above duct. Provide and lay Warning tape complete with trace wire@ 450mm cover level. Reinststate trench with soil and compact to surface levels.	550			Estimated that 22 lengths of duct @ 25 m required, connecting between 23 lighting columns. Open ends of ducts to be temporarily sealed, and separated by 600mm to allow for future installation of lighting columns (attached Sketch E900 refers).

Supplementary Check List for Pricing installation of (empty) underground Cable Ducts with draw cords, also a brick-built

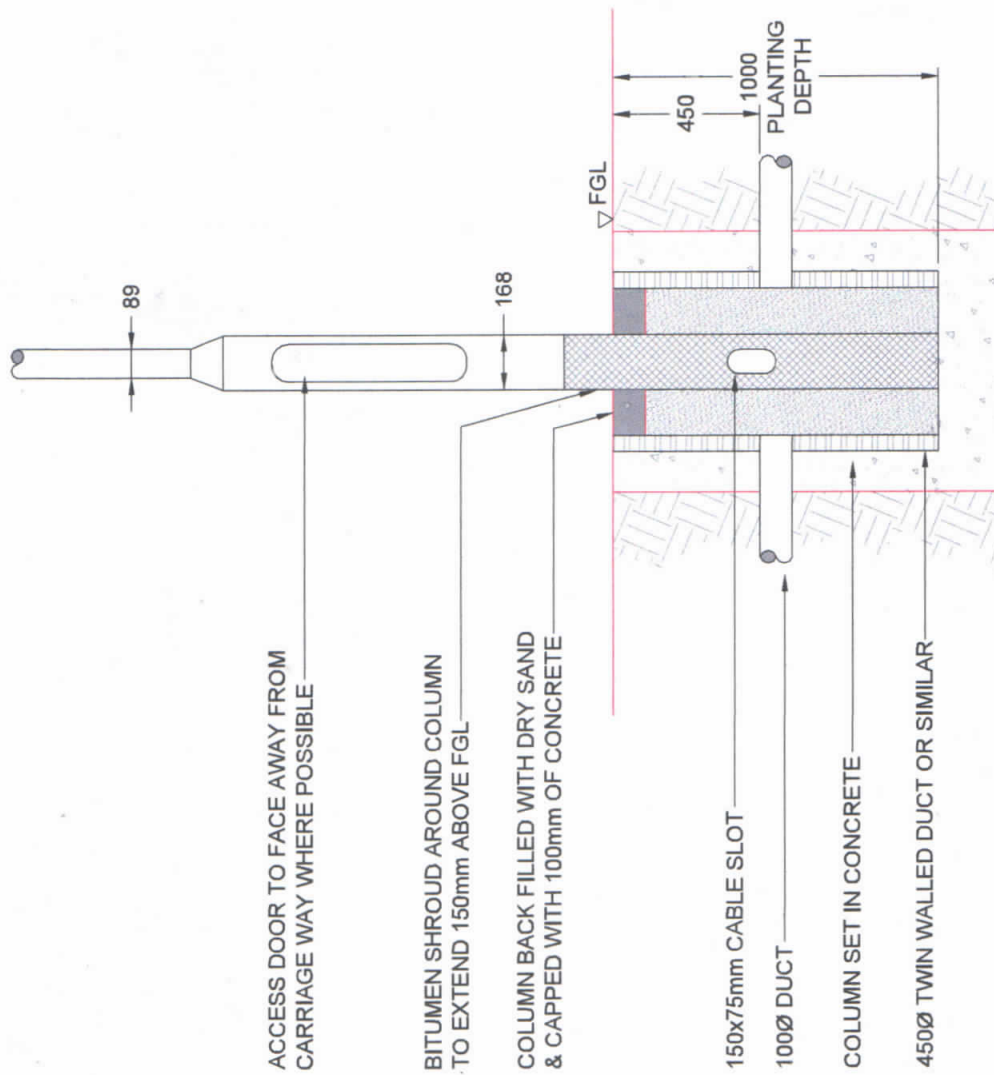
Service Termination Cabinet, ultimately to serve the proposed Path Lighting System.

Sheet 2 of 2

Item No:	Description for all-in Rate	Total Quantity	Unit Rate £	Total £	NOTES
16	Construct brick-built Service Termination Cabinet all as detailed in attached sketch..Drg No: EDS 08-0123.06. To receive incoming mains supply from Western Road and associated switchgear and meter. Dimensions as for a Single- phase service to power future lighting columns around perimeter of the Path.	SINGLE ITEM			Actual location to be agreed with UKPN, but between points A & B between path and boundary fence. Site Plan refers.
17	Excavate in soil and install a cable jointing and pull through chamber in front of the Service Termination Cabinet to nominal internal dimensions 600 x 600mm by say 675/700mm deep, with feed in & out 110mm ducting, complete with medium duty cover and frame. Chamber to be founded on a concrete base, 100mm thickness.	SINGLE ITEM			Tenderer to detail nature of construction/pre-formed units, and load rating of cover and frame.

17th February 2020

For reference only.....Lighting Columns and Power Supply to be installed under a future specialist contract.



Rev	Revision Detail	Date

**SOUTHEAST
ELECTRICAL
SOLUTIONS**

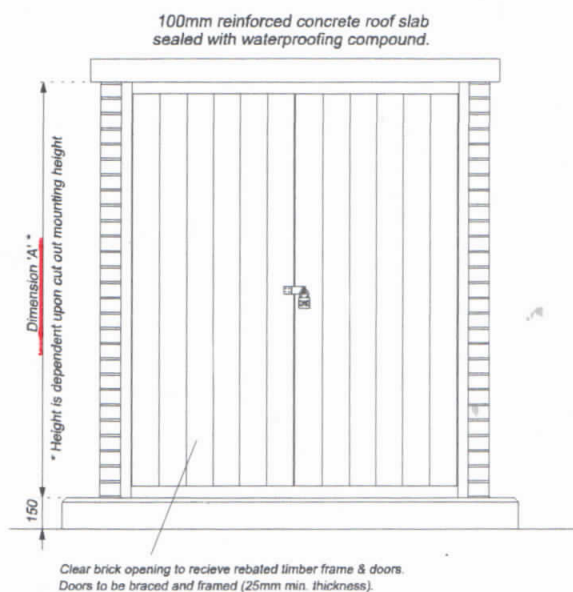
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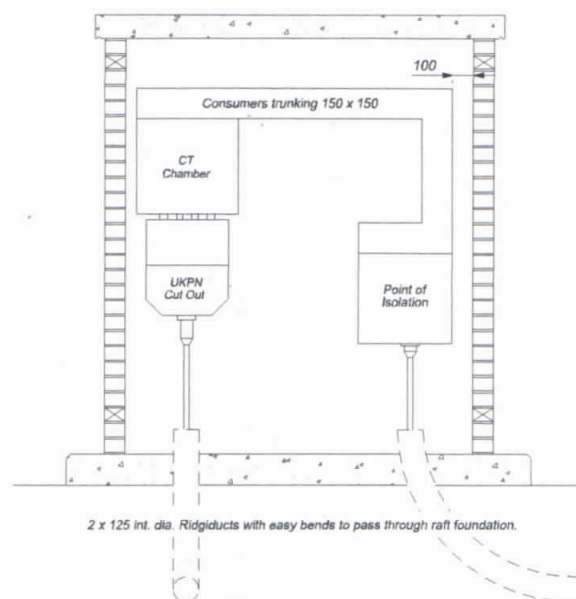
PROJECT
Hailsham Cycleway

TITLE
Typical Column seating
requirement

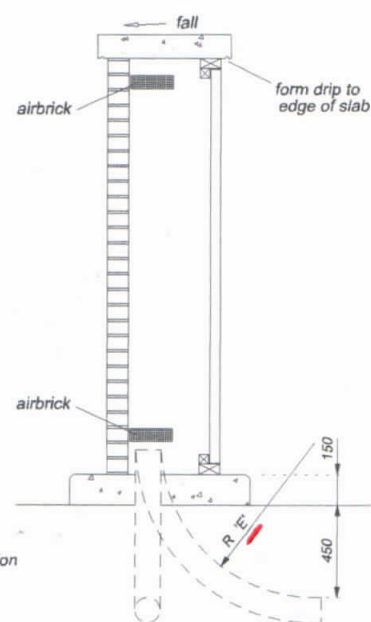
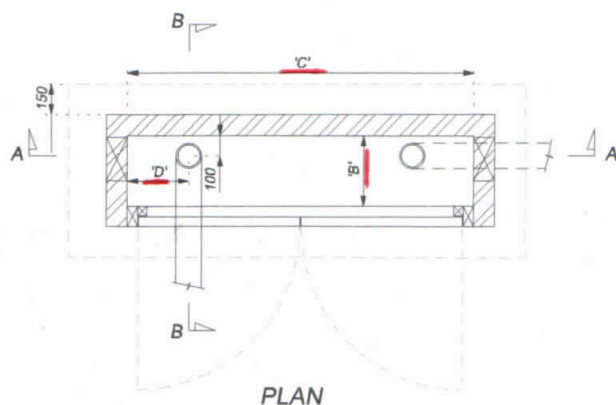
DRAWN	CHECKED	DATE	SCALE
BL	SM	Feb 2020	1:1
DRAWING NO.	REVISION		
E9000			P



FRONT ELEVATION



SECTION A-A



- 1) It is important that this compartment be made completely waterproof. Where the structure is to be erected on an unsecured site it is recommended that the doors be hung on butts with concealed hinge pins & secured with a heavy duty padlock and concealed coachbolt fixings.
- 2) The switchgear arrangement shown is typical & may be varied to suit the customers switchgear requirements. The duct entry positions may be varied to suit depending upon site conditions and the location of cable mains.
- 3) It is recommended that high impact plastic trunking be installed for TBS (Temporary Builders Service) installations.
- 4) An earthing pin will be required for TBS installations.
- 5) An approved insulated CT chamber to be supplied & installed by UK Power Networks.
- 6) RCD and main isolator to be installed for TBS installations.
- 7) Plinth to sit on suitable sub-base.

Special note:

Where there is a need to comply with the "Petroleum Consolidation Act 1928" the minimum height of the company's equipment will be increased to ensure that any possible source of ignition is a minimum of 1200 above floor level.

REQUIRED DIMENSIONS

	A*	B	C	D	E	Duct Size
Single-phase services	1200	500	1175	425	250 min.	32
100A 3-phase services	2000	1000	1175	425	250 min.	50
200-600A 3-phase services	2000	1000	2000	425	1000 min.	150

All dimensions in millimetres

Brick-built Service Termination Cabinet to Accommodate Cut-out for Metered Supplies Permanent or Temporary

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CKD. September 2016	EDS 08-0123.06	3
APP. September 2016		