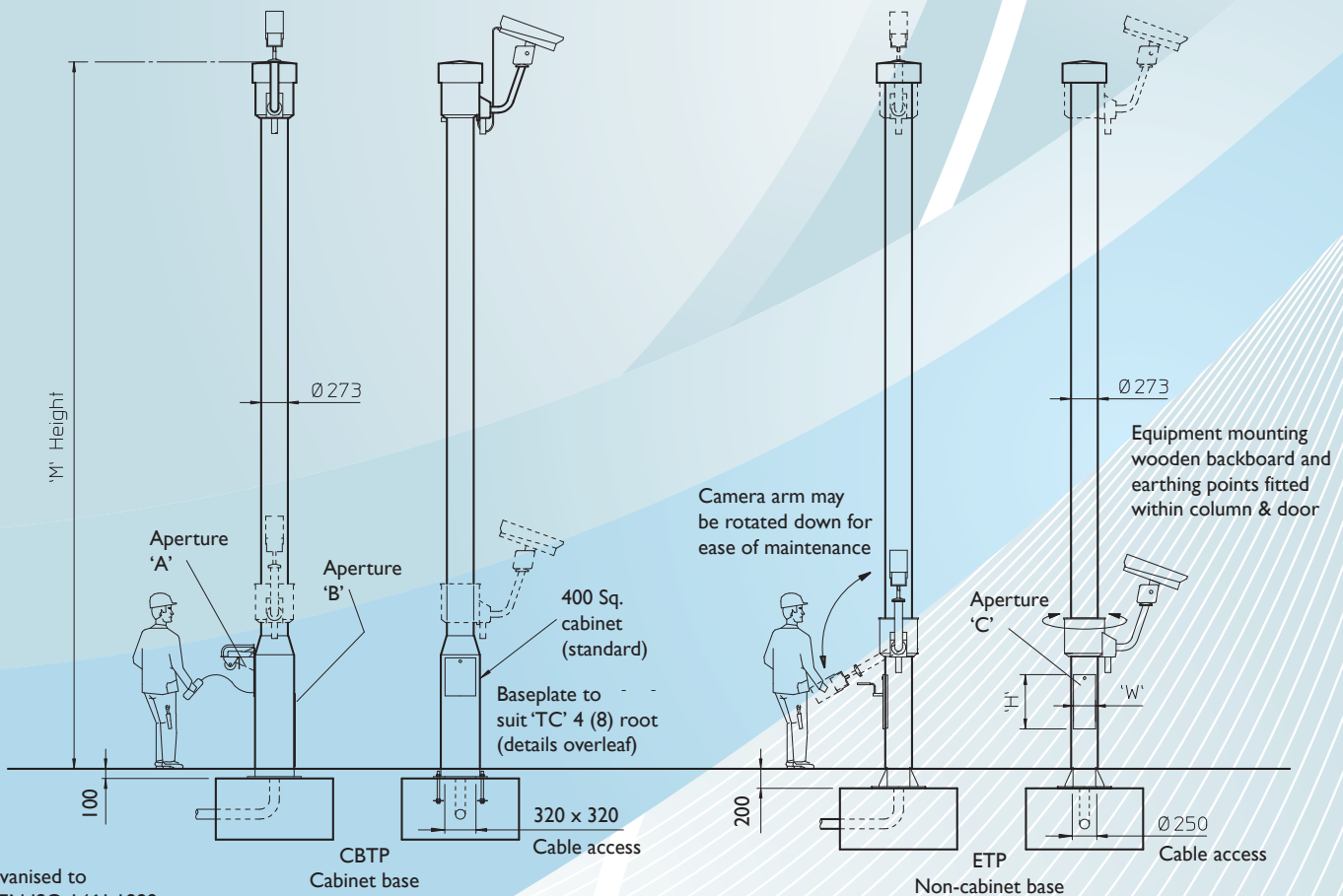


Technical Specification

Model Ref.	'M' Height	Baseplate Option	HxW Winch aperture 'A'	HxW Equip. aperture 'B'	HxW Winch aperture 'C'	Maximum equip cap'ty	Weight Kgs
CBTP6	6 metres	4 Bolt	n/a	746x312	546x204	25Kg.	411Kg.
ETP6		4 Bolt	390x312	n/a	n/a	25Kg.	391Kg.
CBTP8	8 metres	4 Bolt	n/a	746x312	546x204	25Kg.	491Kg.
ETP8		4 Bolt	390x312	n/a	n/a	25Kg.	471Kg.
CBTP10	10 metres	8 Bolt	n/a	746x312	546x204	25Kg.	573Kg.
ETP10		8 Bolt	390x312	n/a	n/a	25Kg.	553Kg.
CBTP12	12 metres	8 Bolt	n/a	746x312	546x204	25Kg.	659Kg.
ETP12		8 Bolt	390x312	n/a	n/a	25Kg.	639Kg.
CBTP14	14 metres	8 Bolt	n/a	746x312	546x204	25Kg.	715Kg.
ETP14		8 Bolt	390x312	n/a	n/a	25Kg.	695Kg.
CBTP15	15 metres	8 Bolt	n/a	746x312	546x204	25Kg.	780Kg.
ETP15		8 Bolt	390x312	n/a	n/a	25Kg.	760Kg.

All dimensions in mm unless otherwise stated

The trolley pole product range has the option of built-in or transferable winches, either electrically operated or hand operated gear winch

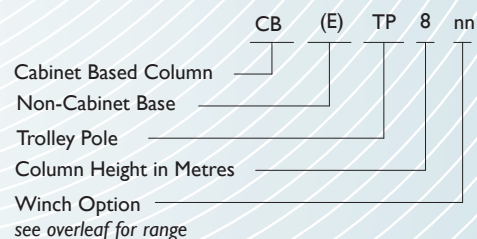


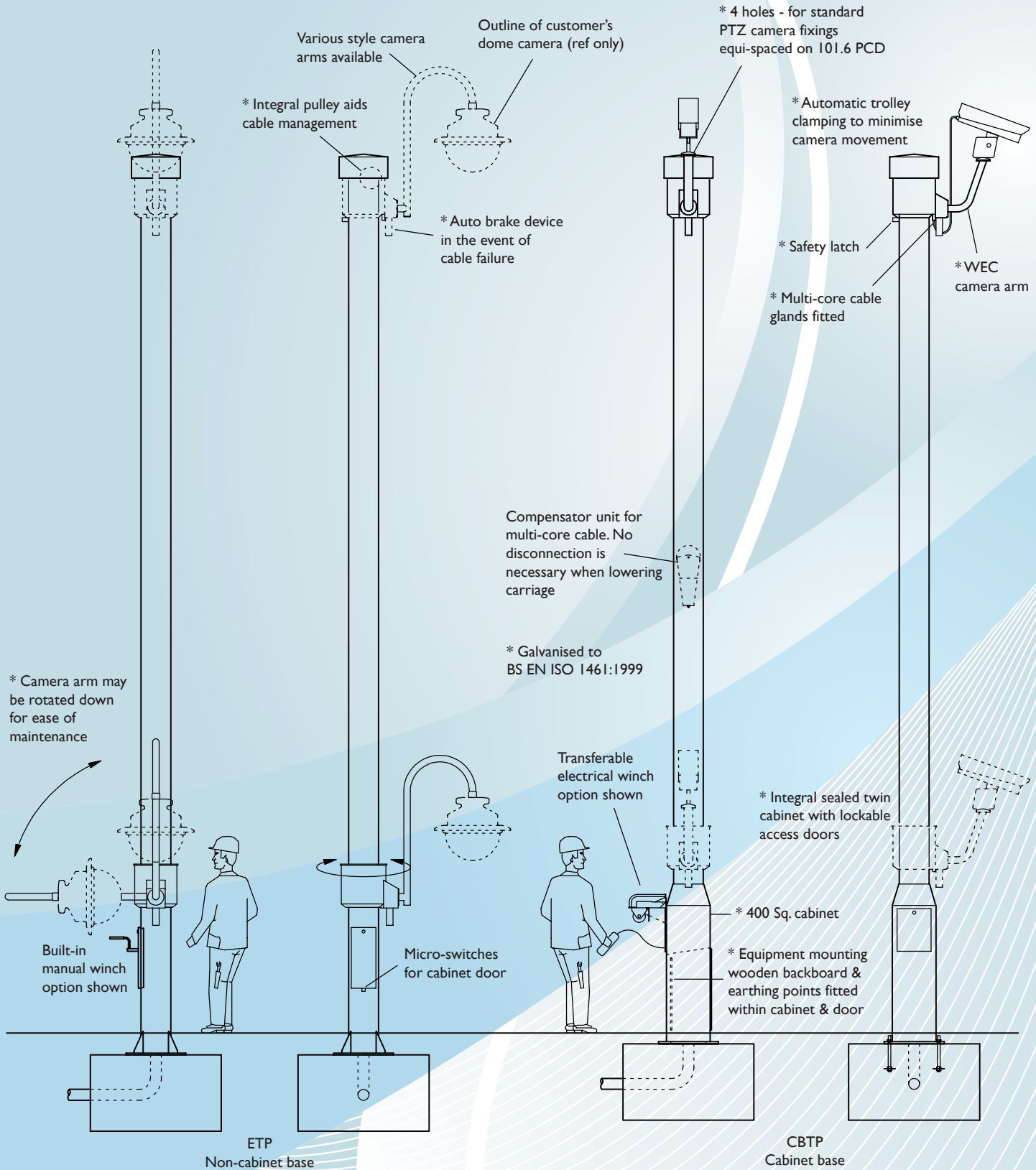
Galvanised to
BS EN ISO 1461:1999

Options & Accessories

- Enlarged cabinet (standard 400 Sq.)
- All pan/tilt, dome, fixed camera mount bracketry
- Double door access (partitioned cabinet)
- Cable management system up to 12 metres
- On-site erecting service onto a prepared base
- 4 point high security door
- Paint to BS4800 & RAL colours
- Tamperproof micro-switches for cabinet door

Product Ref & Ordering Information





All items marked with * are fitted as standard
See Features and Options sheet overleaf for full details

The trolley pole product range has the option of built-in or transferable winches, with either electrically operated or hand operated gear winch

Options for CBTP & ETP Range

HT	Transferable manual winch
HB	Manual winch built into column
EH	Spare winch handle
CM	Cable management
500	Enlarged cabinet size of 500mm Sq.
2C	Separate compartments in cabinet
EDK	Spare cabinet door keys
PKT	Alternative 'pocket' type root fixing
ET	Transferable electric winch (Pat.No. 0019862.2)
EBA	Electric winch built into column
PS	Spare pendant for EBR
110V	110V transformer for EBA or EBR

General Options for CBTP & ETP Range

- Cable management system - fitting compensator & customer free issue cable
- High security door
- Vault type door (4 point locking)
- 500 cabinet base (CBTP only)
- On-site erecting service onto a prepared base
- Painting finishes in BS4800 and RAL colours
- Swept dome adaptors for dome type cameras
- Tamperproof micro-switched for cabinet door

Full Cable Management

WEC offer full cable management within the trolley pole up to 12 metres. This feature eliminates the need to disconnect the camera multi-core cable, when the camera is lowered to the maintenance position.

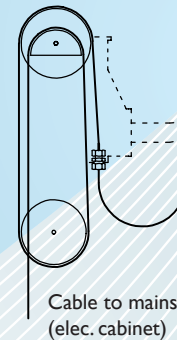
Delivery and Erection

WEC offers a full delivery and column erecting service onto a prepared concrete base, anywhere within the UK.

Delivery and Placement

WEC offers a full project management level of delivery and installation. Despite not carrying out the civil work, we offer advice on optimum site location, concrete base sizes (standard and specials), along with placement of pole onto concrete plinth through to commissioning on site.

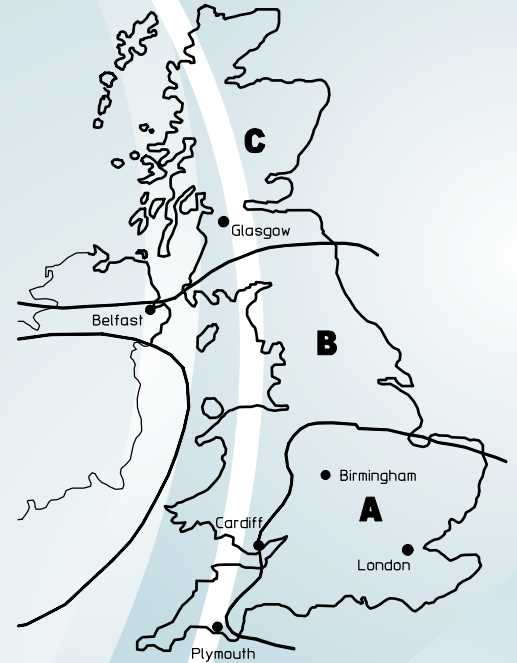
Schematic camera cable path



Base and Windload Specification

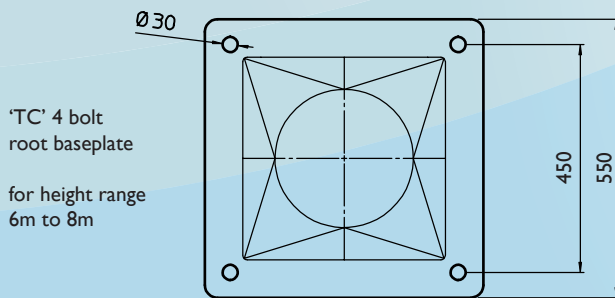
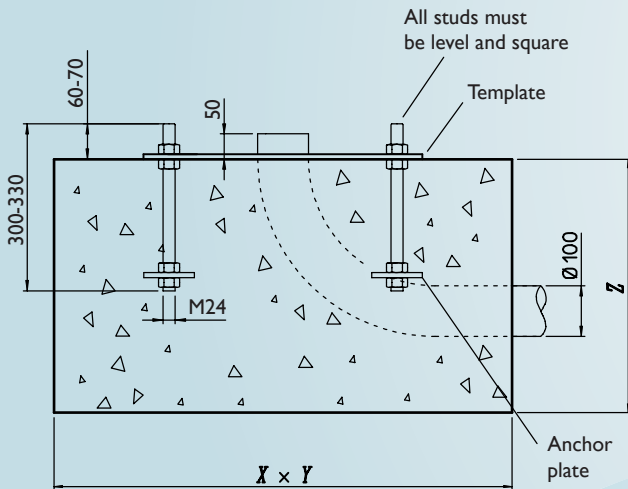
Concrete Foundation Table X x Y x Z							
Model Ref	Height	Area of Country			Area of Town		
		A	B	C	A	B	C
CBTP6 ETP6	6m	1.1x1.1x 0.55m Dp.	1.2x1.2x 0.6m Dp.	1.3x1.3x 0.65m Dp.	1.1x1.1x 0.55m Dp.	1.2x1.2x 0.6m Dp.	1.2x1.2x 0.6m Dp.
CBTP8 ETP8	8m	1.4x1.4x 0.7m Dp.	1.5x1.5x 0.75m Dp.	1.5x1.5x 0.75m Dp.	1.3x1.3x 0.65m Dp.	1.3x1.3x 0.65m Dp.	1.4x1.4x 0.7m Dp.
CBTP10 ETP10	10m	1.5x1.5x 0.75m Dp.	1.6x1.6x 0.8m Dp.	1.7x1.7x 0.85m Dp.	1.4x1.4x 0.7m Dp.	1.5x1.5x 0.75m Dp.	1.6x1.6x 0.8m Dp.
CBTP12 ETP12	12m	1.7x1.7x 0.85m Dp.	1.8x1.8x 0.9m Dp.	1.9x1.9x 0.95m Dp.	1.6x1.6x 0.8m Dp.	1.7x1.7x 0.85m Dp.	1.8x1.8x 0.9m Dp.
CBTP14 ETP14	14m	1.9x1.9x 0.95m Dp.	2.0x2.0x 1.0m Dp.	2.1x2.1x 1.05m Dp.	1.8x1.8x 0.9m Dp.	1.9x1.9x 0.95m Dp.	2.0x2.0x 1.0m Dp.
CBTP15 ETP15	15m	2.0x2.0x 1.0m Dp.	2.1x2.1x 1.05m Dp.	2.2x2.2x 1.1m Dp.	1.9x1.9x 0.95m Dp.	2.0x2.0x 1.0m Dp.	2.1x2.1x 1.05m Dp.

A minimum soil bearing pressure of 75 KN/m² is assumed

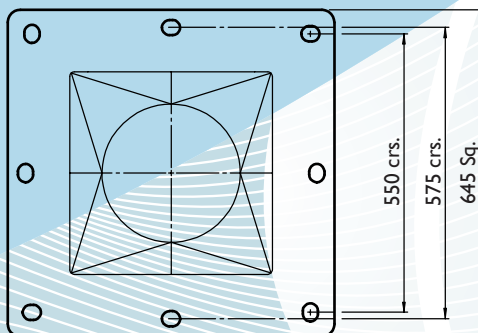


Installation Method

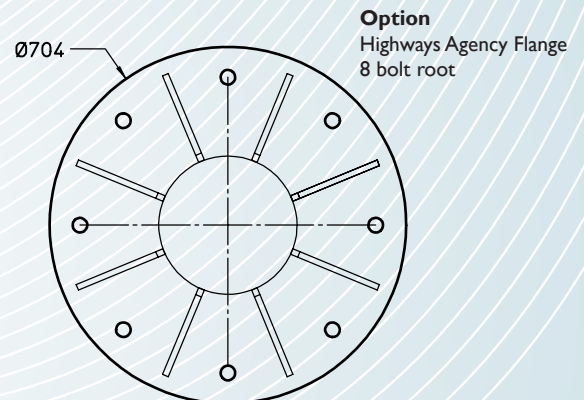
1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly. Torque the nuts to 230-270 Nm (175-200 fl. lb.)
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommended for this



'TC' 4 bolt root baseplate
for height range 6m to 8m



'TC' 8 bolt root baseplate
for height above 10m



Option Highways Agency Flange 8 bolt root