

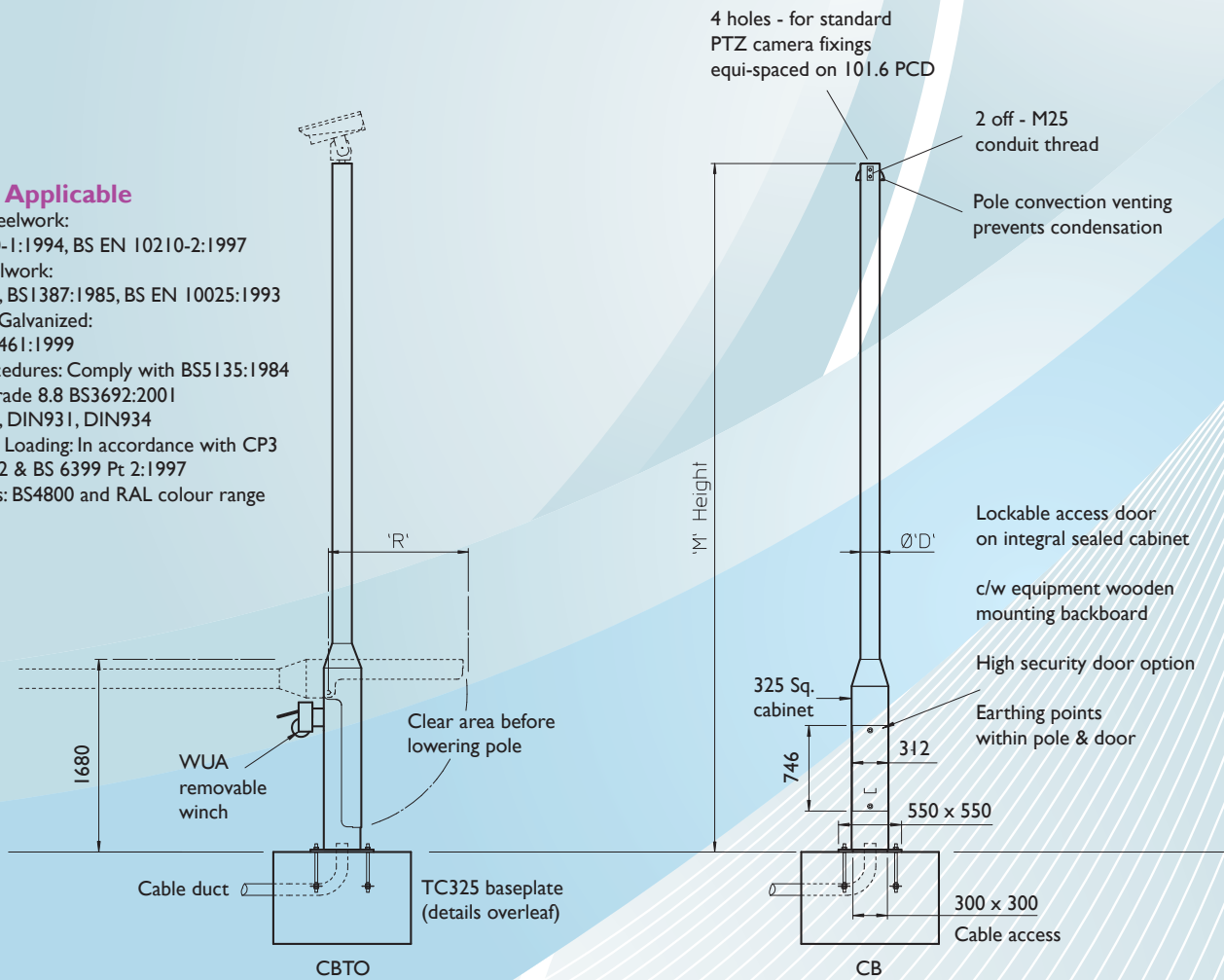
Technical Specification

| Model Ref. | 'M' Height | Tilting rear clearance 'R' | Maximum equipment capacity | Shaft diameter 'D' | Weight Kgs | Winch Selection |
|------------|------------|----------------------------|----------------------------|--------------------|------------|-----------------|
| CB4 | 4 metres | n/a | 25Kg. | Ø168 | 175Kgs. | n/a |
| CBTO4 | | 1220 | 25Kg. | Ø168 | 222Kgs. | WUA |
| CB5 | 5 metres | n/a | 25Kg. | Ø168 | 195Kgs. | n/a |
| CBTO5 | | 1220 | 25Kg. | Ø168 | 242Kgs. | WUA |
| CB6 | 6 metres | n/a | 25Kg. | Ø168 | 215Kgs. | n/a |
| CBTO6 | | 1220 | 25Kg. | Ø168 | 262Kgs. | WUA |
| CB8 | 8 metres | n/a | 25Kg. | Ø168 | 255Kgs. | n/a |
| CBTO8 | | 1220 | 25Kg. | Ø168 | 302Kgs. | WUA |

All dimensions in mm unless otherwise stated

Standards Applicable

- Structural Steelwork: BS EN 10210-1:1994, BS EN 10210-2:1997
- General Steelwork: BS1449:1991, BS1387:1985, BS EN 10025:1993
- Hot Dipped Galvanized: BS EN ISO 1461:1999
- Welding Procedures: Comply with BS5135:1984
- Fasteners: Grade 8.8 BS3692:2001 BS4190:2001, DIN931, DIN934
- Design Wind Loading: In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint Finishes: BS4800 and RAL colour range

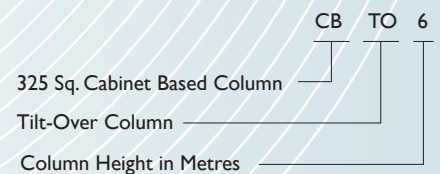


Accessories & Adaptors

- CB(TO)/ACB Anti-Climb Bracket
- CB(TO)/Paint Paint to BS4800 & RAL Colours
- CB(TO)/SDA Swept Dome Adaptor
- CB(TO)/SDA2 Swept Dome Adaptor Dual
- CB(TO)/PTI-S2 1 Pan & Tilt c/w 2 Static Adaptors
- CB(TO)/TPTA Twin Pan & Tilt Adaptors
- CB(TO)/2SA Twin Static Adaptor
- CB(TO)/1SA Pan & Tilt - Single Fixed

- CB(TO)/CS150-300 Column Spacers 150mm-300mm
- CB(TO)/TBC Telemetry Clamp Bracket
- CB(TO)/HSD-F High Security Door Option
- CB(TO)/LS Ladder Support

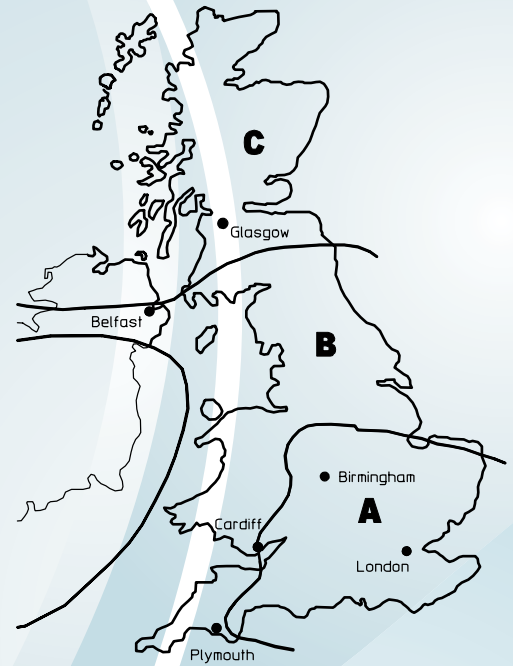
Product Ref & Ordering Information



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 |
| CB3 | 3m | 0.8x0.8x 0.4m Dp. | 0.8x0.8x 0.4m Dp. | 9x0.9x 0.45m Dp. | 0.8x0.8x 0.4m Dp. | 0.8x0.8x 0.4m Dp. | 0.8x0.8x 0.4m Dp. |
| CB4 CBTO4 | 4m | 0.9x0.9x 0.45m Dp. | 0.9x0.9x 0.45m Dp. | 0.9x0.9x 0.45m Dp. | 0.8x0.8x 0.4m Dp. | 0.8x0.8x 0.4m Dp. | 0.9x0.9x 0.45m Dp. |
| CB5 CBTO5 | 5m | 1.0x1.0x 0.5m Dp. | 1.0x1.0x 0.5m Dp. | 1.0x1.0x 0.5m Dp. | 0.9x0.9x 0.45m Dp. | 0.9x0.9x 0.45m Dp. | 1.0x1.0x 0.5m Dp. |
| CB6 CBTO6 | 6m | 1.1x1.1x 0.55m Dp. | 1.1x1.1x 0.55m Dp. | 1.2x1.2x 0.6m Dp. | 1.0x1.0x 0.5m Dp. | 1.0x1.0x 0.5m Dp. | 1.1x1.1x 0.55m Dp. |
| CB8 CBTO8 | 8m | 1.2x1.2x 0.6m Dp. | 1.3x1.3x 0.65m Dp. | 1.4x1.4x 0.7m Dp. | 1.1x1.1x 0.55m Dp. | 1.2x1.2x 0.6m Dp. | 1.2x1.2x 0.6m Dp. |

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



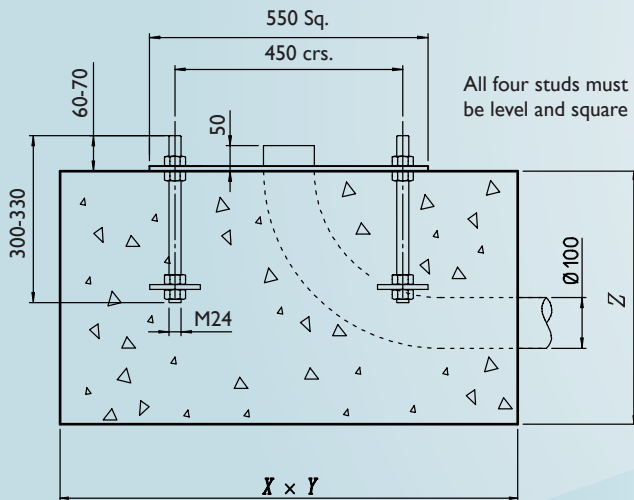
Installation Method

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

Foundation sizes are determined for three sets of wind speeds, which will cover most of the British Isles.

Area A = 44m/s (98mph)
Area B = 48m/s (107mph)
Area C = 52m/s (116mph)

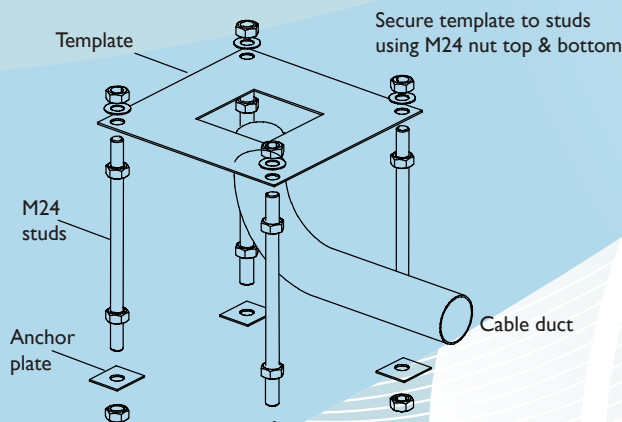
Maximum gust speed is likely to be exceeded on average once every 50 years at 10m above the ground in open level country.

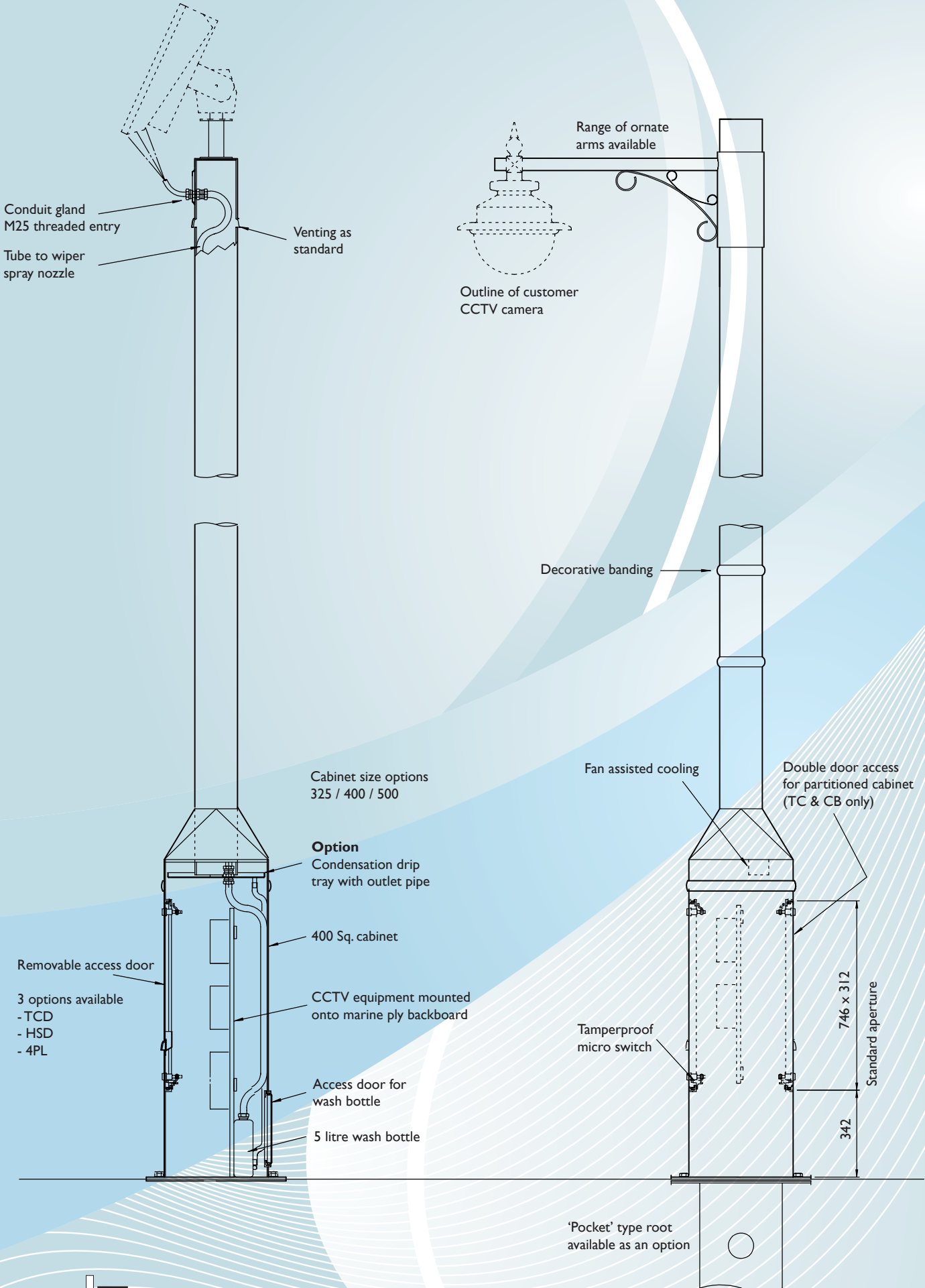


TC325 Root

fig. 1

TC325 Root Assembly

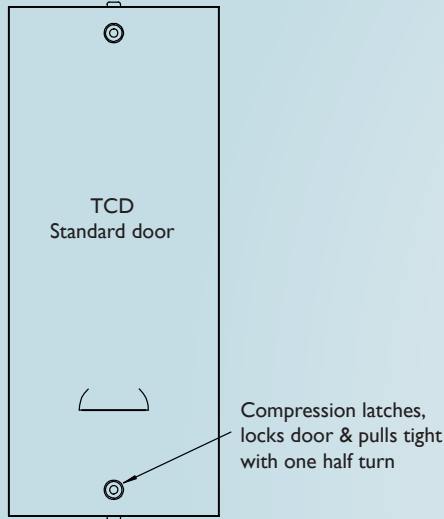




Optional Extras

Door Options

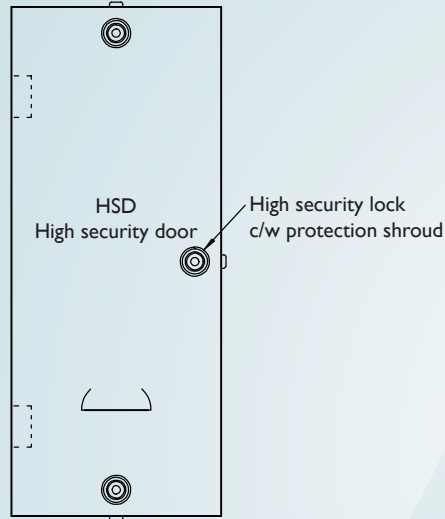
Moderate risk area
2 point locking



One key required

- Louvered door
- Close fitting and flush door
- Self grip rubber door seal
- Secure compression locks or high security locks
- Earthing lugs
- Hinged door option (left or right hand) as non-standard

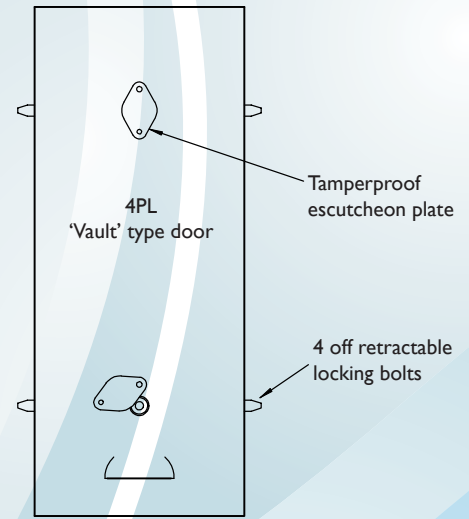
High risk area
3 point locking



Two keys required

- Louvered door
- Close fitting and flush door
- Self grip rubber door seal
- 2 secure compression locks and 1 high security lock
- Earthing lugs
- Protection shrouds for each lock

Very high risk area
4 point locking



Three keys required

- Louvered door
- Close fitting and flush door
- 2 high security locks
- Earthing lugs
- Tamperproof escutcheons for each lock
- Stainless steel locking mechanism