

Woodbridge Industries Heritage Catalogue



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Overview

Heritage

Our heritage range is designed as a modular system with infinite possibilities. Depending on the wind conditions, the present range of structures tower as high as 9 metres above the ground.

This catalogue has everything you need to find a solution for your situation. If you need assistance or have queries, we 're available to help in any way we can.

Custom Design

We have in-house knowledge in tool making, pressing, roll-forming, extruding, casting and pattern making that will greatly assist in the planning and implementation of special projects. We have examples of these types of project that demonstrate our abilities.

Stock Items

Inventory usually exceeds 200 different types of product and a total in excess of 5000 items. Almost all are held in galvanized steel. We will ship the components in their galvanized state, or will have them painted or powder-coated as required.

Dimensions

Tube diameters are produced in imperial sizes (as are lamp spigot sizes), and have been converted to metric sizes in this catalogue to conform with all other measurements. We can supply the data in imperial measurements on request.

Specifications

The tube is manufactured to strict standards, is available in galvanized steel ex-stock, and can be manufactured in bright mild steel, aluminized steel, copper, brass, aluminium and stainless steel. It is normally produced in an eight-flute configuration, but can also be produced in six-flute, ten-flute or twelve-flute form.

Overview continued

Testing

Extensive testing has been undertaken, and continues to be undertaken, in an ISO Registered Laboratory. Test results are available on request.

Heritage Accessories

The heritage range is available with accessories including:

Donuts These are the hemispherical components used in the centre of a straight section. They are used as a post top or as an enhancement to light brackets, and often as the hubs for lighter arms, ladder arms and banner arms.

Page No ? Drawing 80710 Nos 07 or 24

Lighter Arms Often used at the base of a lamp, and usually in combination with a donut.

Page No? Drawing 80710 Nos 07, 08, 09 & 09

Banner Arms These are becoming a mandatory accessory on main roads to fly banners from.

Light Brackets Used where more than one light is required on the post top. Wall mounted options are also available.

Page No? Drawings 80711 & 80710 Nos 23 to 28

Equipment Enclosures There are a range of options available as standard for housing terminals, fuses or control gear.

Skirts Used where necessary to conceal flanges, fastenings and/or to enhance bases.

Light Fittings

Halcome



The *Halcome* fitting is octagonal and of heavy steel construction. It is hot dip galvanized and can be painted or powder coated to any standard colour.

The eight panels are manufactured from polycarbonate and are fitted and sealed in place. Access is by way of removing the top of the lamp, and the joint between the two surfaces is made with a seal to inhibit both water and insects.

The fitting is available with a refractor and reflector for road lighting design requirements. The fittings are robustly constructed, are available mounted or as hung versions, and are available with or without finials mounted around the perimeter of its top.

Mounting suitable for 76mm - 114mm spigots. Other sizes as specials.

Darfield



The *Darfield* fitting is a four-sided coach fitting constructed from stainless steel, and can be painted or powder coated as required. The panels are made from polycarbonate and are fitted and sealed in place. Access is by way of removing the top of the fitting. The fitting has been designed as a heritage lamp, but with its surfaces offering no perching place for birds. This allows the clean line of this lamp to stay just that, clean.

The fitting is available with a refractor and reflector for road lighting design requirements. The fitting is offered with two mounting styles - either flat plate, or scrolled and is suitable for 76mm diameter columns.

Light Fittings continued

Highland Park



The *Highland Park* fitting has lenses molded from high-impact UV stabilized material.

The lamp standard is available with two brackets and fittings, and with three or four fittings and brackets on special order.

The *Highland Park* fitting and bracket can be mounted to any number of different columns.

Bollards

Lighted and Standard Bollards

We offer lighted and standard bollards in keeping with our heritage style. The same design theme can be followed for all types of street furniture.

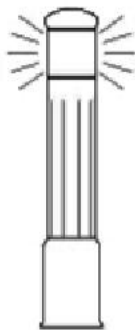


Security and Removable Bollards

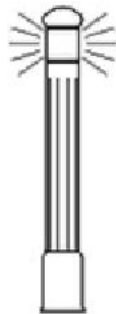
The bollards above are available in standard or security ratings. Security ratings extend to ram-raid strengths.

Our bollards are also available as standard removable or high security removable bollards.

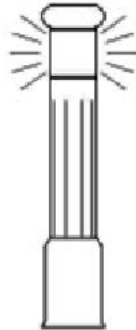
Bollards



CAMBRIDGE
Ø176



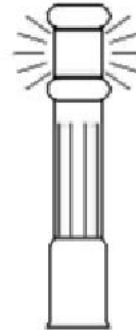
CAMBRIDGE
Ø120



BRUNSWICK
Ø176



BRUNSWICK
Ø120



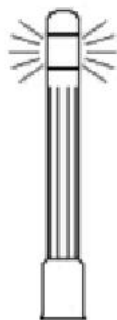
BRUNSWICK (II)
Ø176



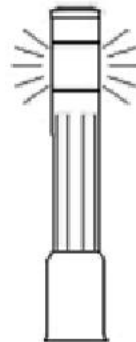
BRUNSWICK (II)
Ø120



CROMWELL
Ø176



CROMWELL
Ø120



WINDSOR
Ø176



WINDSOR
Ø120



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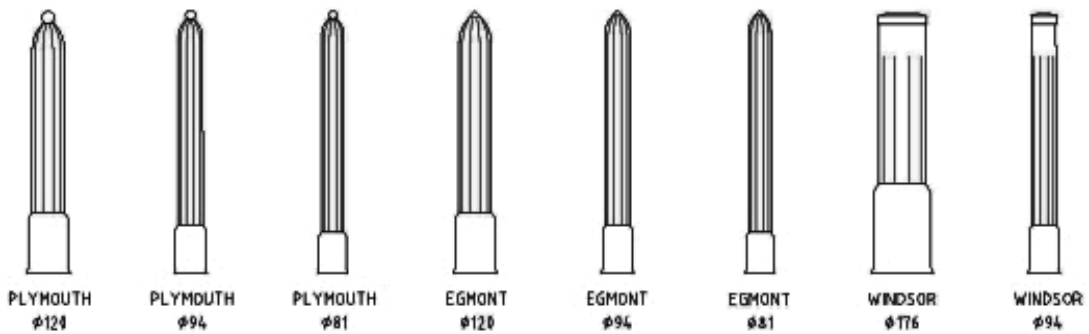
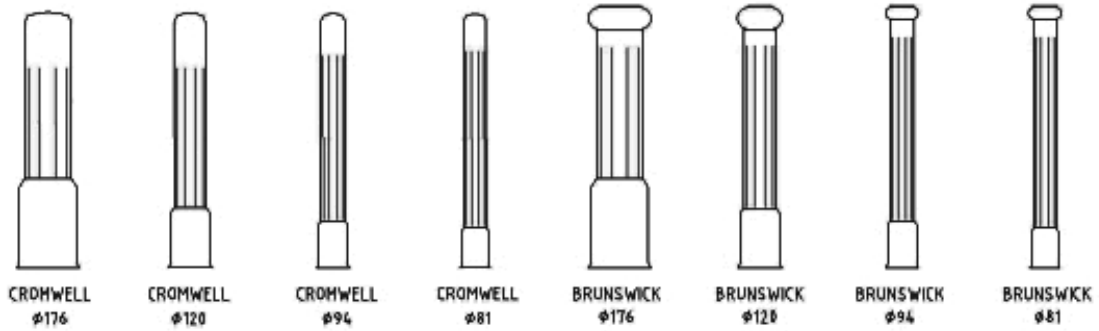
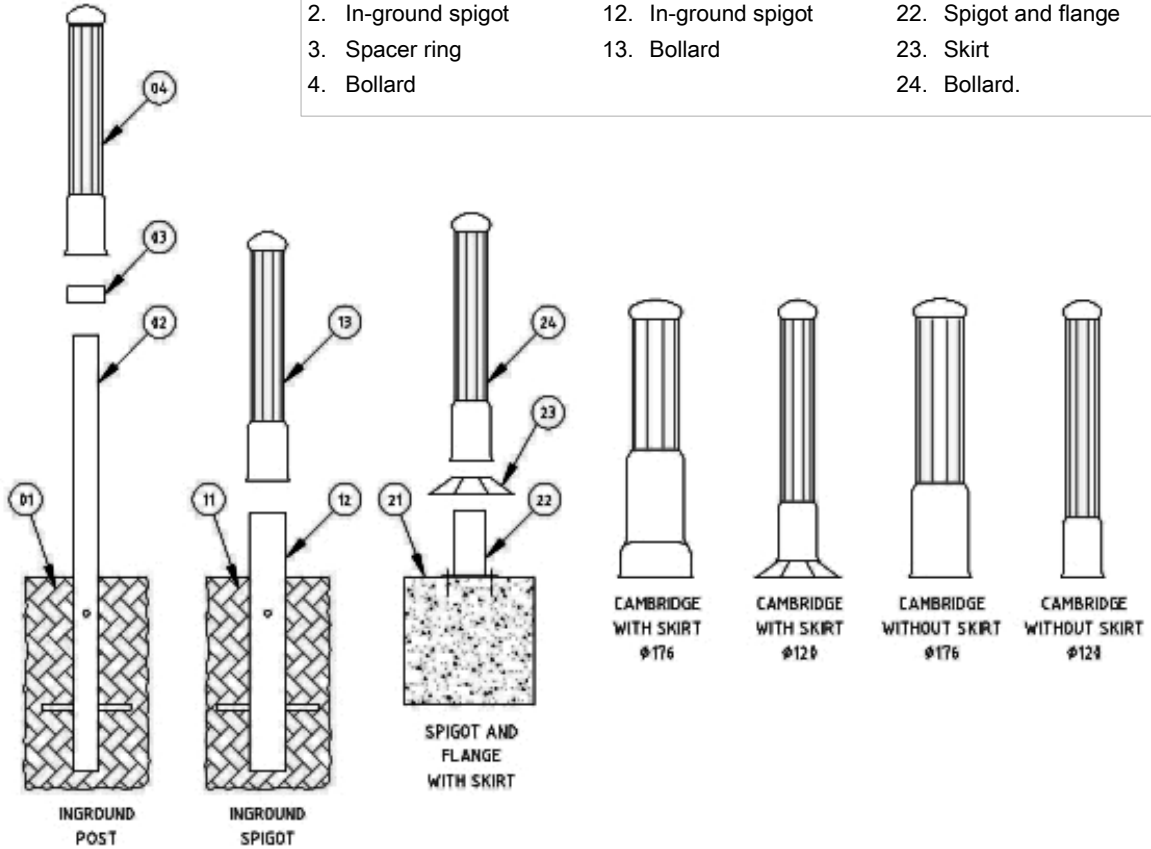
LIGHTED BOLLARDS

Drawn GAP	3rd Angle Projection	Scale A4
Date 17.04.98	Copyright 23.07.98 John F Woodbridge	
Scale 1:28	Orig No. 80722	Issue D

Bollards

Bollard mounting options

- | | | |
|---------------------|----------------------|-----------------------|
| 1. Backfill | 11. Backfill | 21. Concrete footing |
| 2. In-ground spigot | 12. In-ground spigot | 22. Spigot and flange |
| 3. Spacer ring | 13. Bollard | 23. Skirt |
| 4. Bollard | | 24. Bollard. |



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BOLLARD STYLES AND MOUNTING OPTIONS

Drawn GAP	3rd Angle Projection	Size A4
Date 17.08.98	Copyright 23.07.98 John F Woodbridge	
Scale 1:20	Draw No. 80720	Issue D

Poles

Examples of Some of our Pole Styles

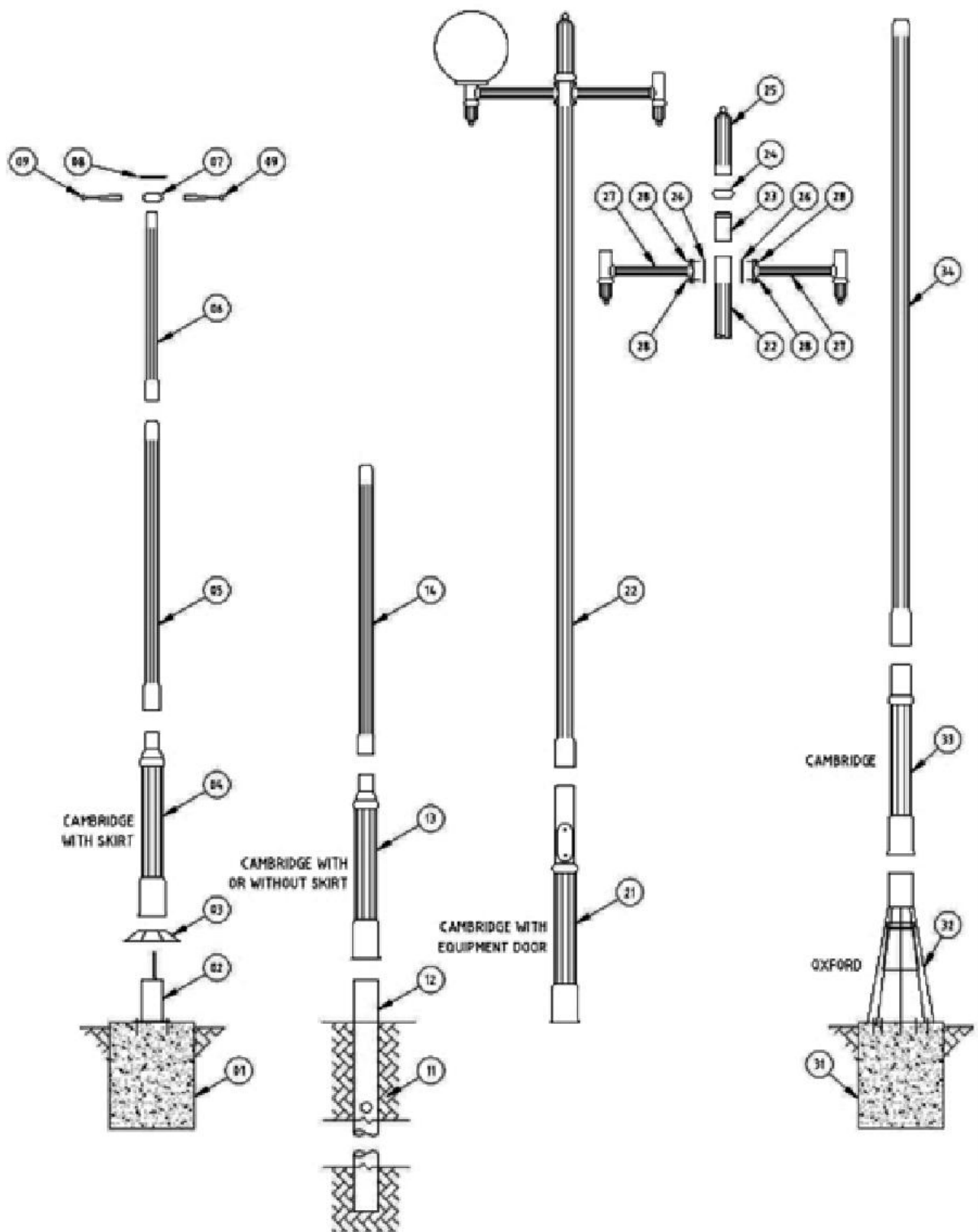


Key to drawing no. 80710, page 11: Exploded lamp standard styles

- | | | |
|---|--|---|
| 1. Concrete footing | 9. Lighter or ladder arms | 17. Donut |
| 2. Flange and spigot bolted to footing | 10. Backfill | 18. Pole top |
| 3. Skirt | 11. In-ground spigot - generally not less than 15% of overall length | 19. Gasket |
| 4. <i>Cambridge</i> base | 12. <i>Cambridge</i> base | 20. Bracket |
| 5. 57mm (2.25"), 63.5mm (2.5") or 76mm (3") diameter column section | 13. 57mm (2.25"), 63.5mm (2.5") or 76mm (3") diameter column section | 21. Bolts and washers |
| 6. 63.5mm (2.5"), 70mm (2.75") or 89mm (3.5") diameter column section | 14. <i>Cambridge</i> base with equipment door | 22. Concrete footing |
| 7. Donut | 15. 76mm (3") diameter column section | 23. <i>Oxford</i> base |
| 8. Stud | 16. Bracket boss | 24. <i>Cambridge</i> base |
| | | 25. 57mm (2.25"), 63.5mm (2.5") or 76mm (3") diameter column section. |

Poles

See page 10 for drawing key



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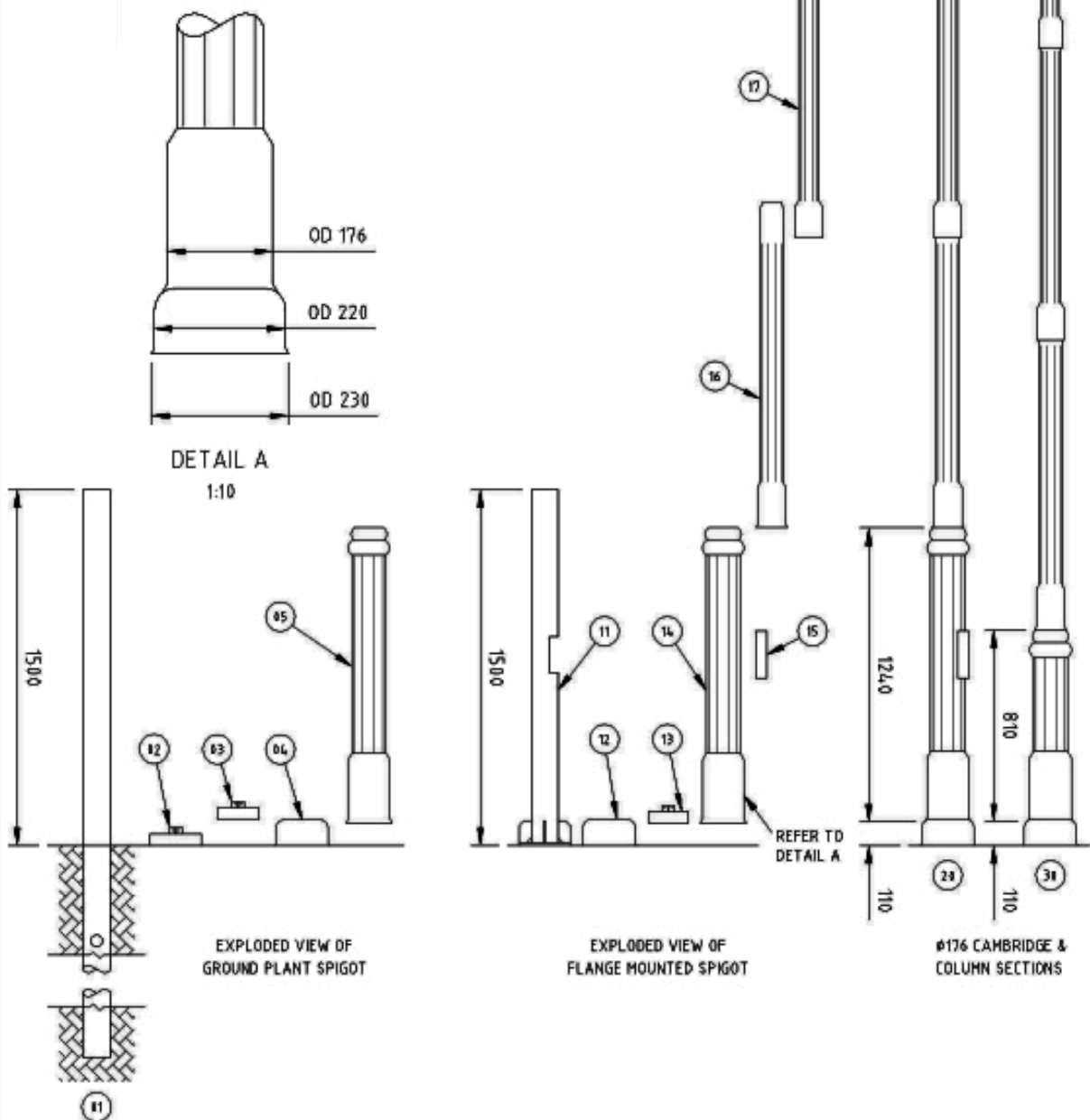
LAMP STANDARD STYLES

Drawn GAP	3rd Angle Projection	Scale A/L
Date 17.10.98	Copyright 23.07.98 John F Woodbridge	
Scale 1:25	Dep. No. 80710	Issue D

Poles

Assembled and exploded example of 176 mm diameter *Cambridge* base

- | | |
|--|---|
| 1. Ground plant spigot, 114.3mm od (4.5") | 15. Equipment door can be positioned anywhere on fluted section of base |
| 2. Spacer ring 215mm od to suit skirt | 16. 102mm (4") diameter column section |
| 3. Spacer ring 170mm od to suit <i>Cambridge</i> base | 17. 89mm (3.5") diameter column section |
| 4. 220mm diameter x 110mm high skirt | 18. 76mm (3") diameter column section |
| 5. 176mm diameter <i>Cambridge</i> base, 1240mm high | 20. Fully constructed lamp standard with 1240mm high base |
| 11. Flanged spigot 114mm od, 1500 high 215mm diameter flange drilled mm dia. At mm PCD | 30. As above with 810mm high base. |

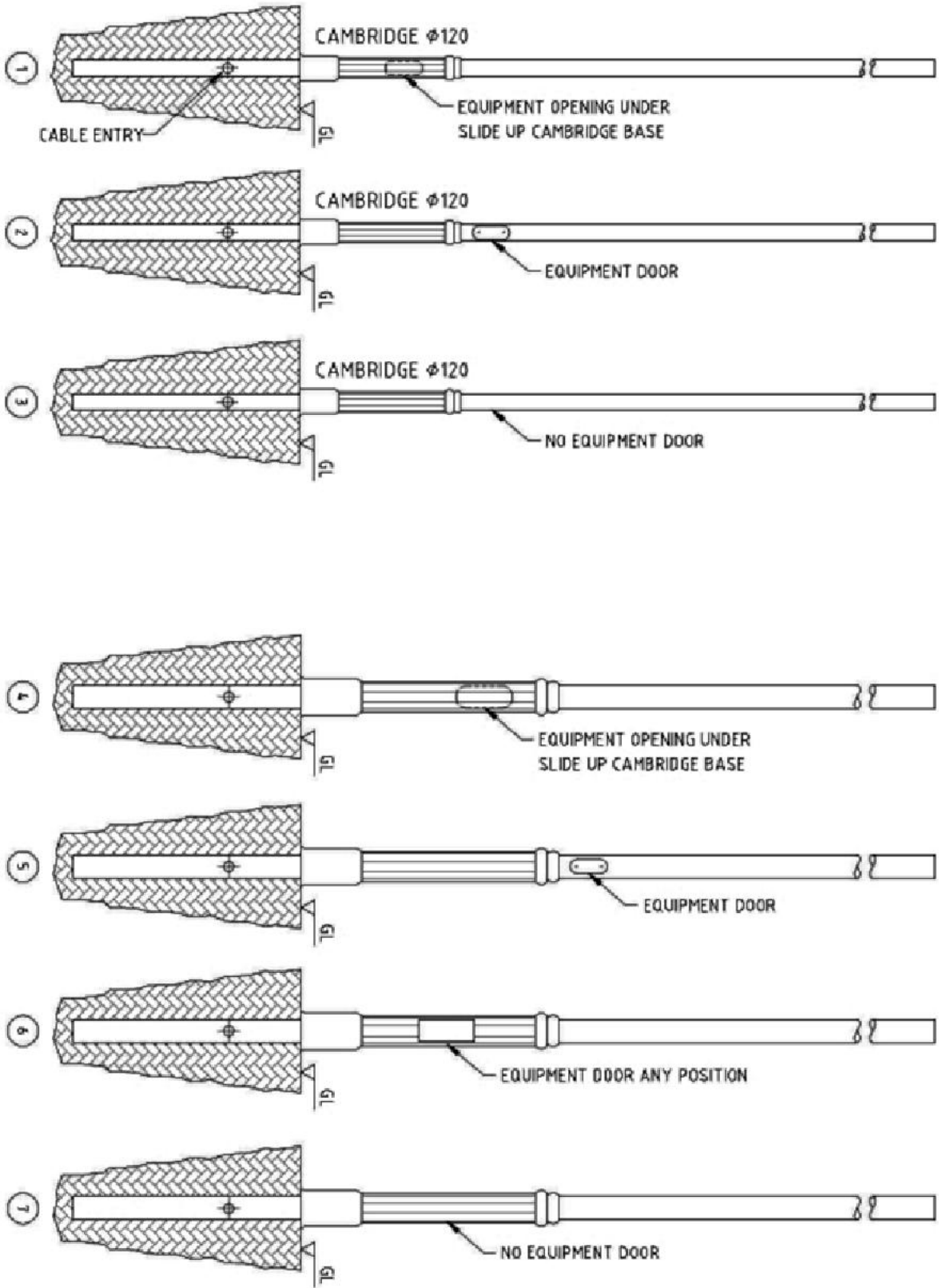


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ASSEMBLED AND EXPLODED
 EXAMPLE OF Ø176 CAMBRIDGE BASE

Drawn GAP	3rd Angle Projection	Size A4
Date 17.08.98	Copyright 23.07.98 John F Woodbridge	
Scale 1:25 & 1:10	Dwg No. 80708	Issue 0

Equipment Door Examples



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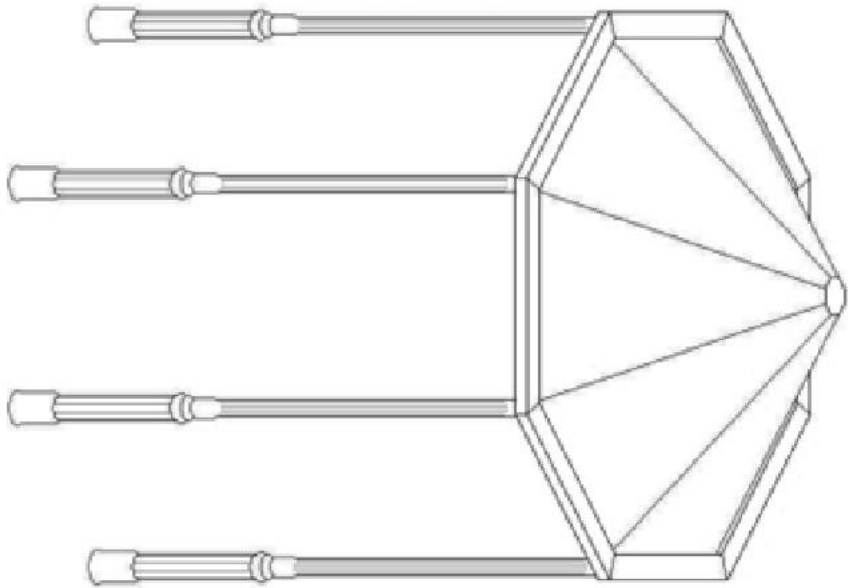
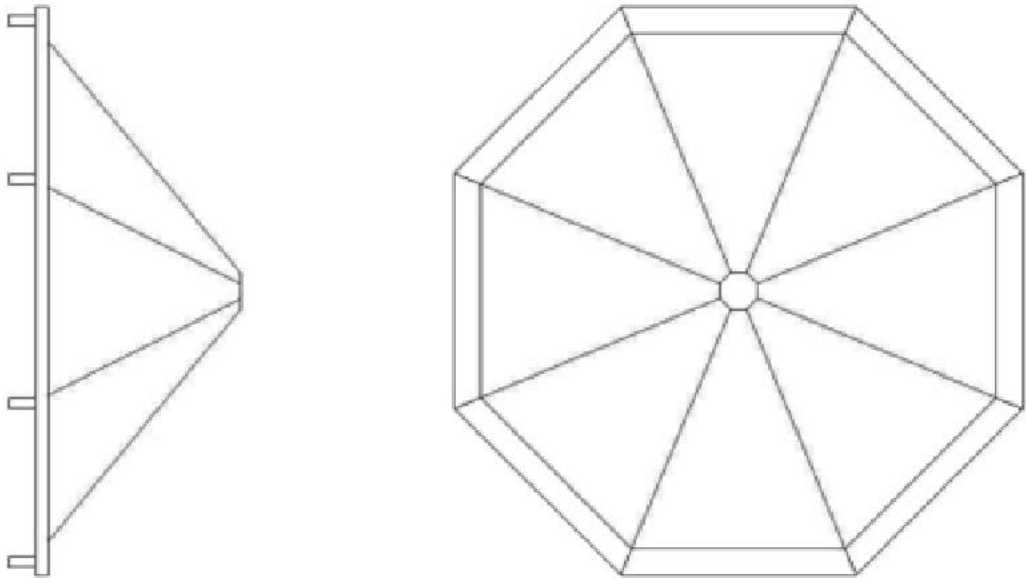
**EQUIPMENT ENCLOSURES FOR
 STANDARD PLAIN COLUMNS WITH
 $\phi 120$ OR $\phi 176$ CAMBRIDGE BASE**

Drawn GAP	3rd Angle Projection	Scale A4
Date 08.09.99	Copyright 08.09.99 John F Woodbridge	
Scale 1:25	Orig No. 40901	Issue D

Veranda Posts and Flagpoles



Gazebos

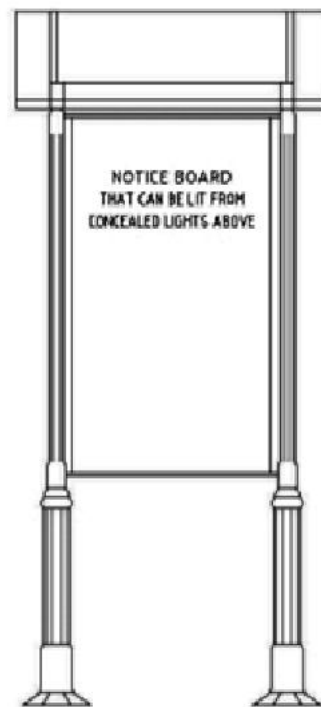
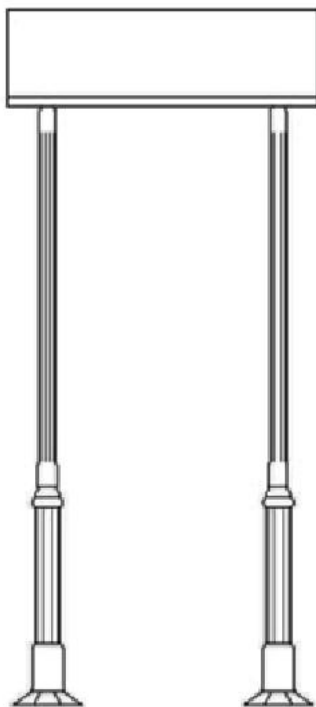
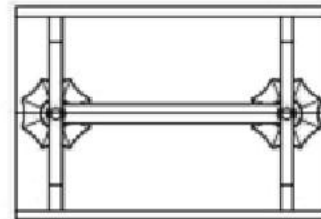
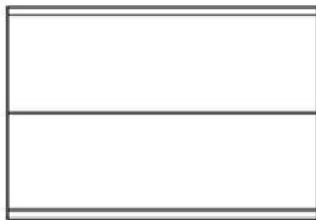


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GAZEBO

Drawn GAP	3rd angle Projection	Size A4
Date 08.09.99	Copyright 08.09.99 John F Woodbridge	
Scale 1:25	Dep No. 30502	Issue 0

Notice Boards and Signposts

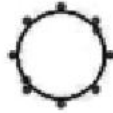


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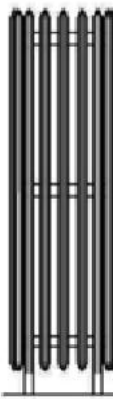
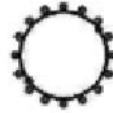
LYCHGATE NOTICE BOARD

Drawn GAP	3rd Angle Projection		Size A4
Date 08.19.99	Copyright 08.09.99 John F Woodbridge		
Scale 1:25	Orig No. 30501		Issue 0

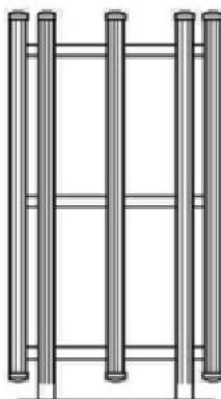
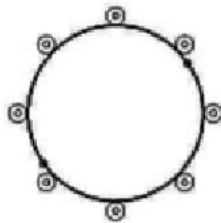
Tree Enclosures and Barriers



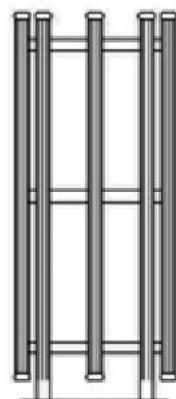
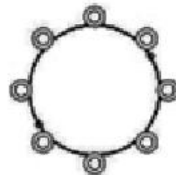
Ø380 ENCLOSURE
Ø38 x 8 PLYMOUTH STYLE



Ø380 ENCLOSURE
Ø38 x 16 EGMONT STYLE



Ø800 ENCLOSURE
Ø76 WINDSOR STYLE



Ø600 ENCLOSURE
Ø57 BRUNSWICK STYLE

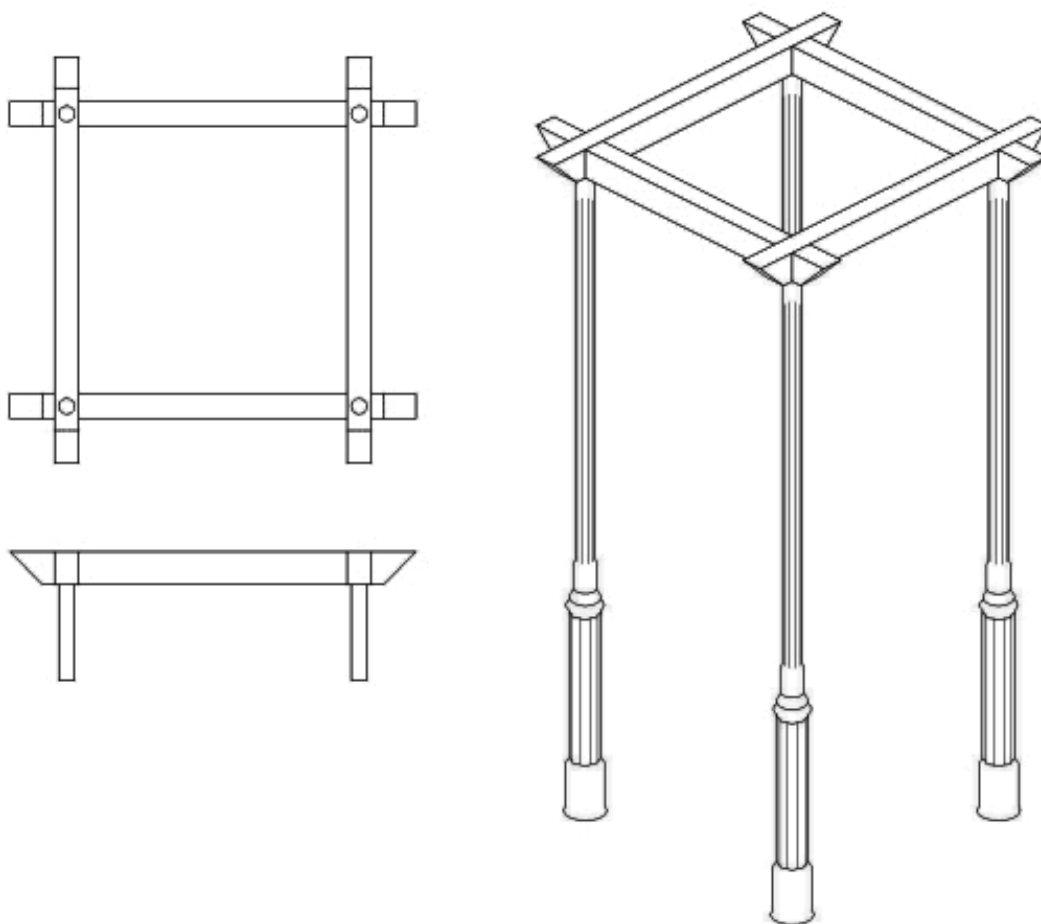


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TREE ENCLOSURES

Drawn GAP	3rd Angle Projection	Size A4
Date 08.19.99	Copyright 08.09.99 John F Woodbridge	
Scale 1:25	Orig No. 30801	Issue 0

Pergolas

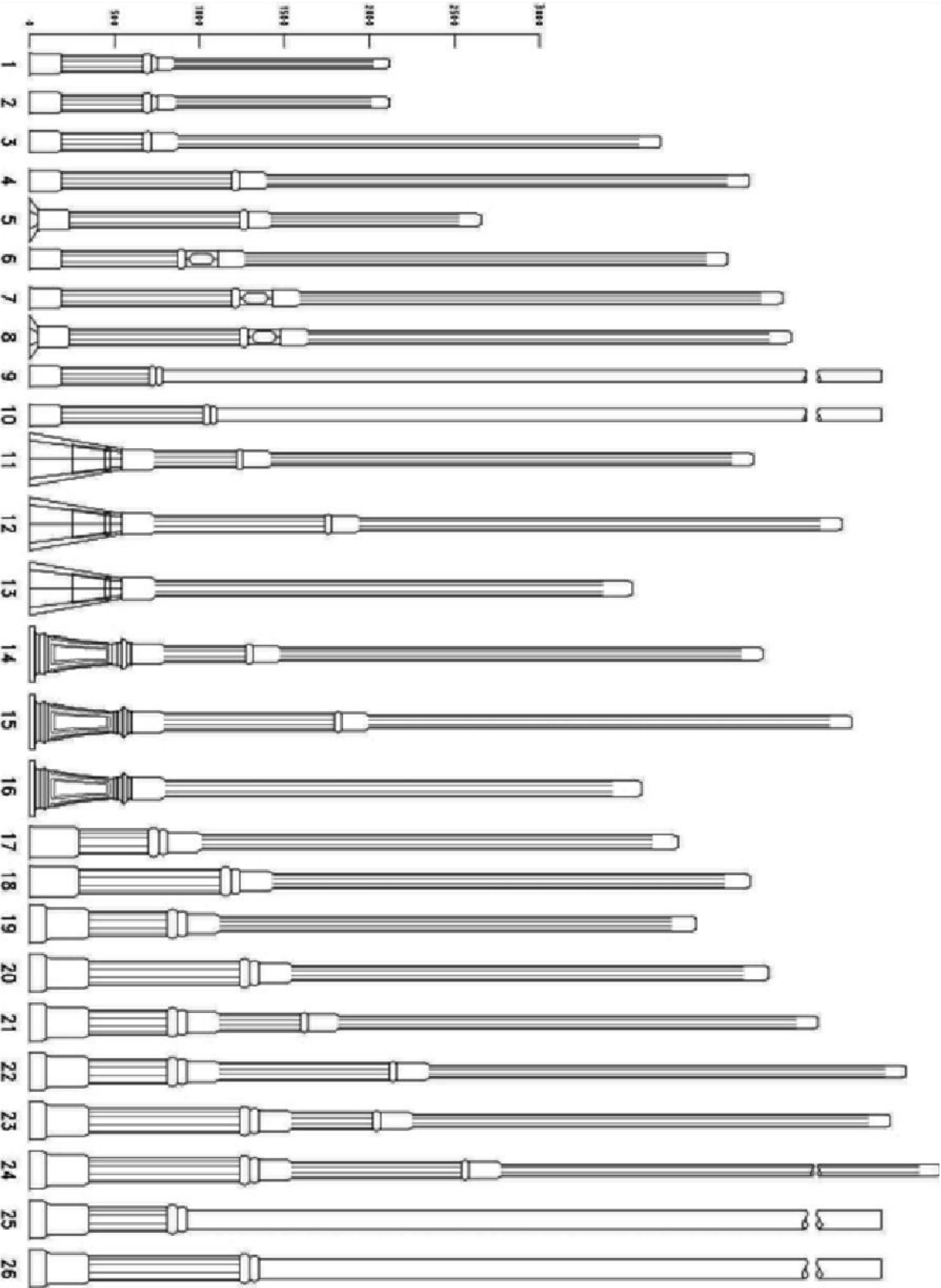


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PERGOLA

Drawn GAP	3rd Angle Projection		Size A4
Date 08.09.99	© Copyright 08.09.99 John F Woodbridge		
Scale 1:20	Drp No. 30503	Issue D	

Base Options

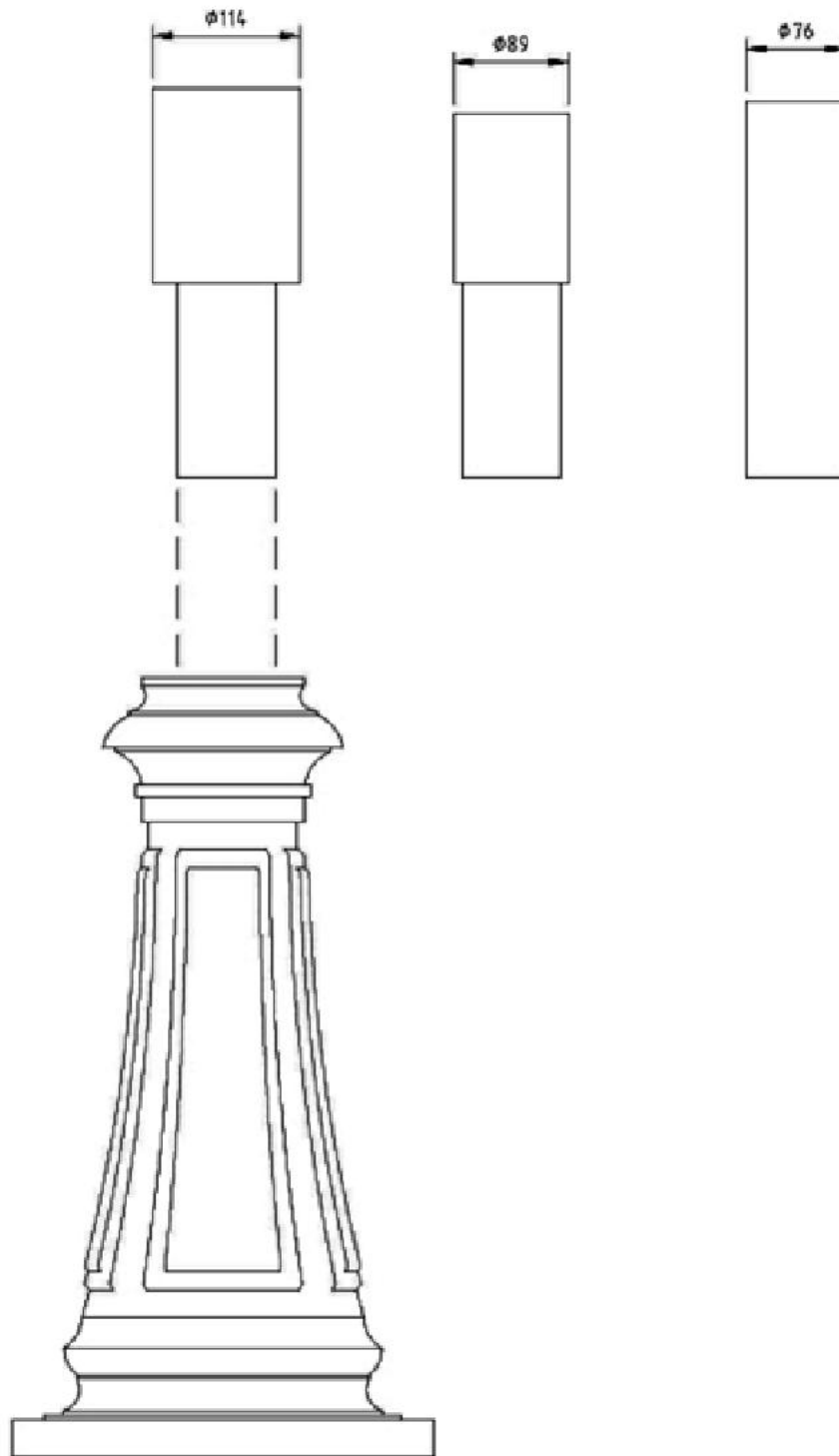


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STANDARD BASES

Drawn GAP	3rd Angle Projection		Size A4
Date 17.04.98	Copyright 23.08.98 John F Woodbridge		
Scale 1:38	Orig No. 80707	Issue D	

Hamilton Base - Cast Ali

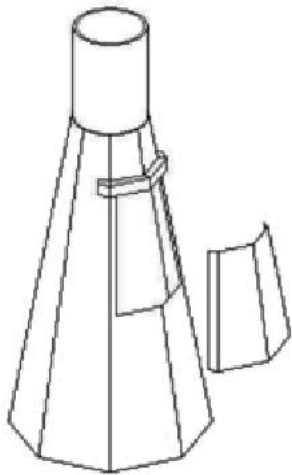


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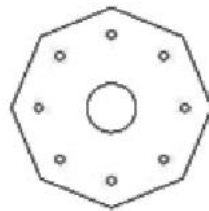
**HAMILTON BASE AND
 ALTERNATIVE SPIGOT ADAPTORS**

Drawn GAP	3rd Angle Projection	Scale A4
Date 08.09.99	Copyright 08.09.99 John F Woodbridge	
Scale 1:1	Orig No. 30505	Issue D

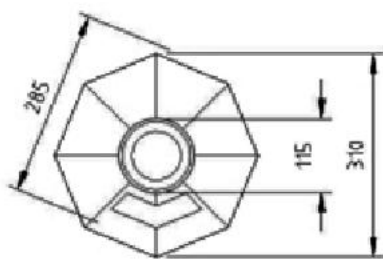
Oxford Base



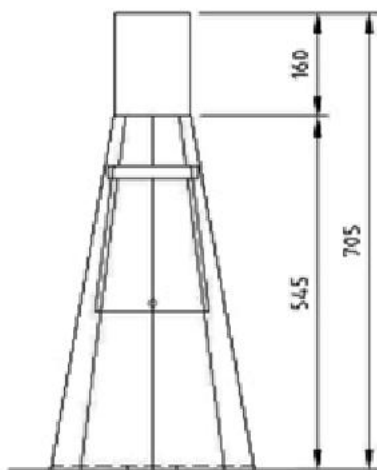
PICTORIAL VIEW



BASE

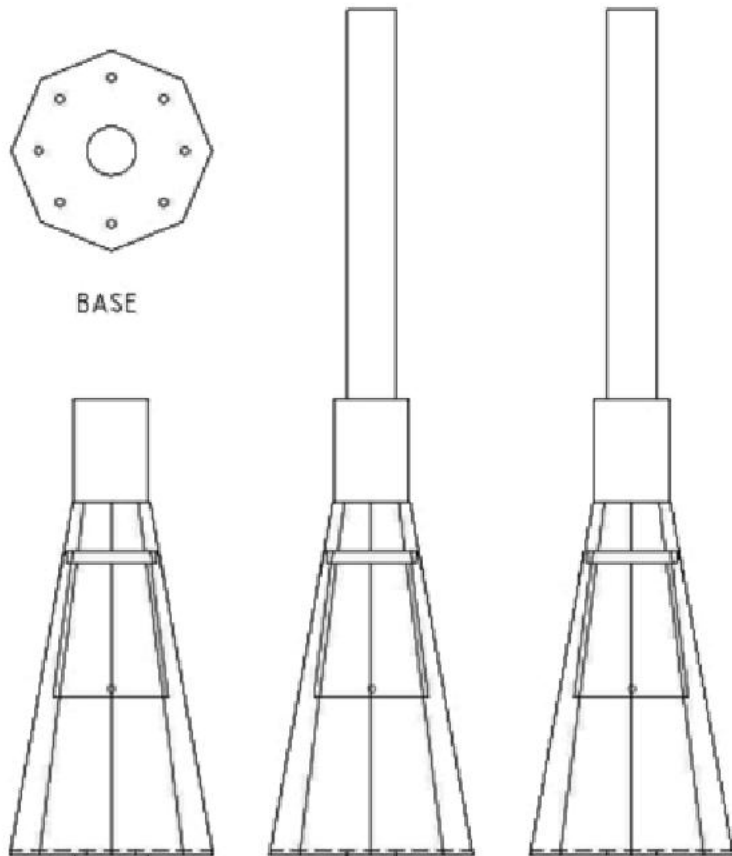


PLAN



FRONT ELEVATION

1



2

3

4

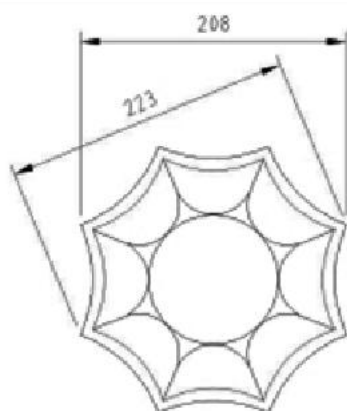


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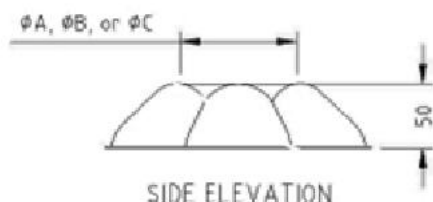
OXFORD OCTAGONAL BASE

Drawn GAP	3rd Angle Projection	Size A4
Date 08.19.99	Copyright 08.09.99 John F Woodbridge	
Scale 1:18	Drwg No. 30504	Issue 0

Skirts



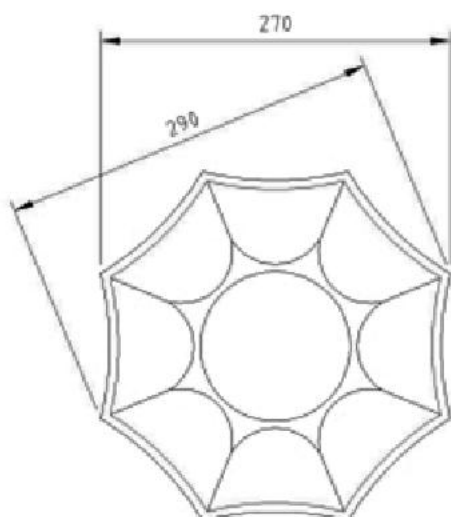
PLAN SMALL SKIRT



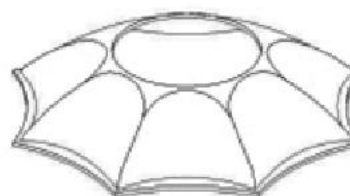
SIDE ELEVATION

DIMENSION	ϕA	ϕB	ϕC
HOLE DIAMETER	78	90	100

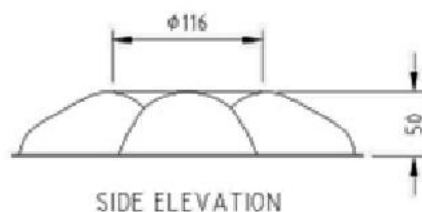
SHORT SKIRT HOLE SIZES



PLAN LARGE SKIRT



PICTORIAL VIEW



SIDE ELEVATION



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SMALL AND LARGE SKIRTS

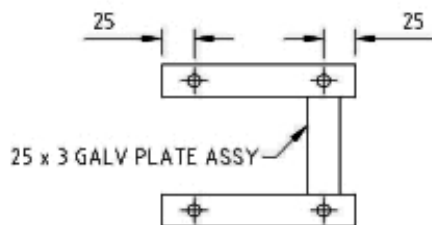
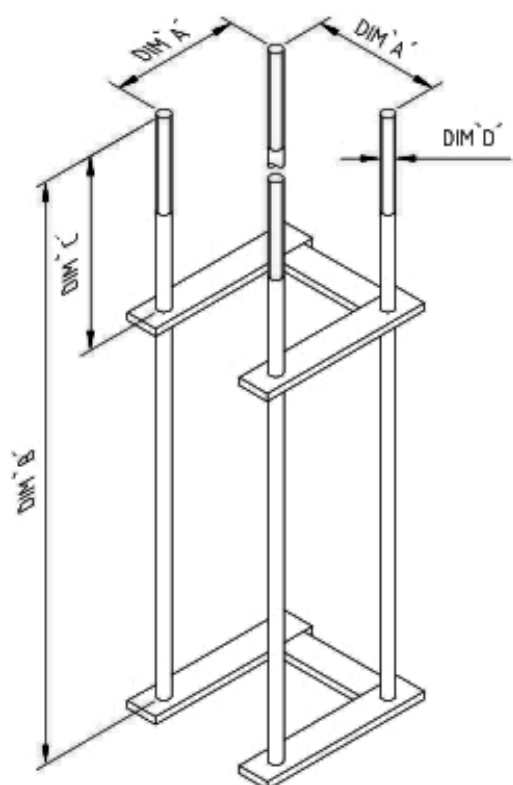
Drawn GAP	3rd Angle Projection		Size A4
Date 08.19.99	© Copyright 08.09.99 John F Woodbridge		
Scale 1:5	Drp No. 20802		Issue 0

Foundation Options

Foundation Cage and Spigots

HOLD DOWN ASSEMBLY	A	B	C	D
HDA-SF-100-4-10	100	450	150	10
HDA-SF-120-4-12	120	450	150	12
HDA-SF-125-4-16	125	450	150	16
HDA-CB-160-4-12	160	450	150	12
HDA-HB-200-4-12	200	450	150	12

DIMENSIONING TABLE



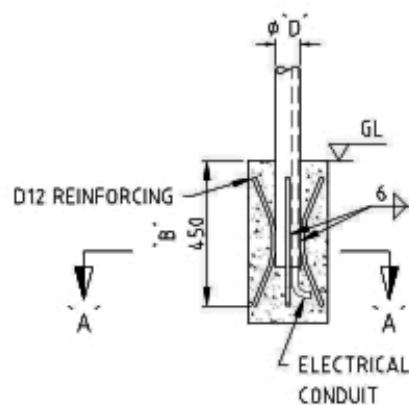
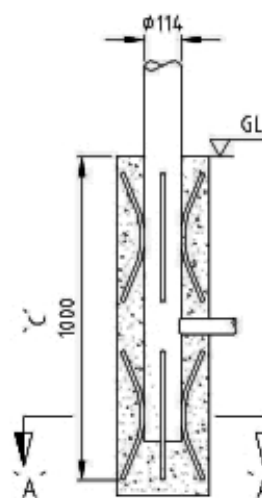
WELDED SUPPORT

HOLD DOWN CAGE

CAST ASSEMBLY	D	B	C
1CS-76-450	φ76	450	-
1CS-89-450	φ89	450	-
1CS-114-450	φ114	450	-
1CS-114-1000	φ114	-	1000
1CS-170-450	φ170	450	-

DIMENSIONING TABLE

* DRAWN



CAST IN PLACE SPIGOTS



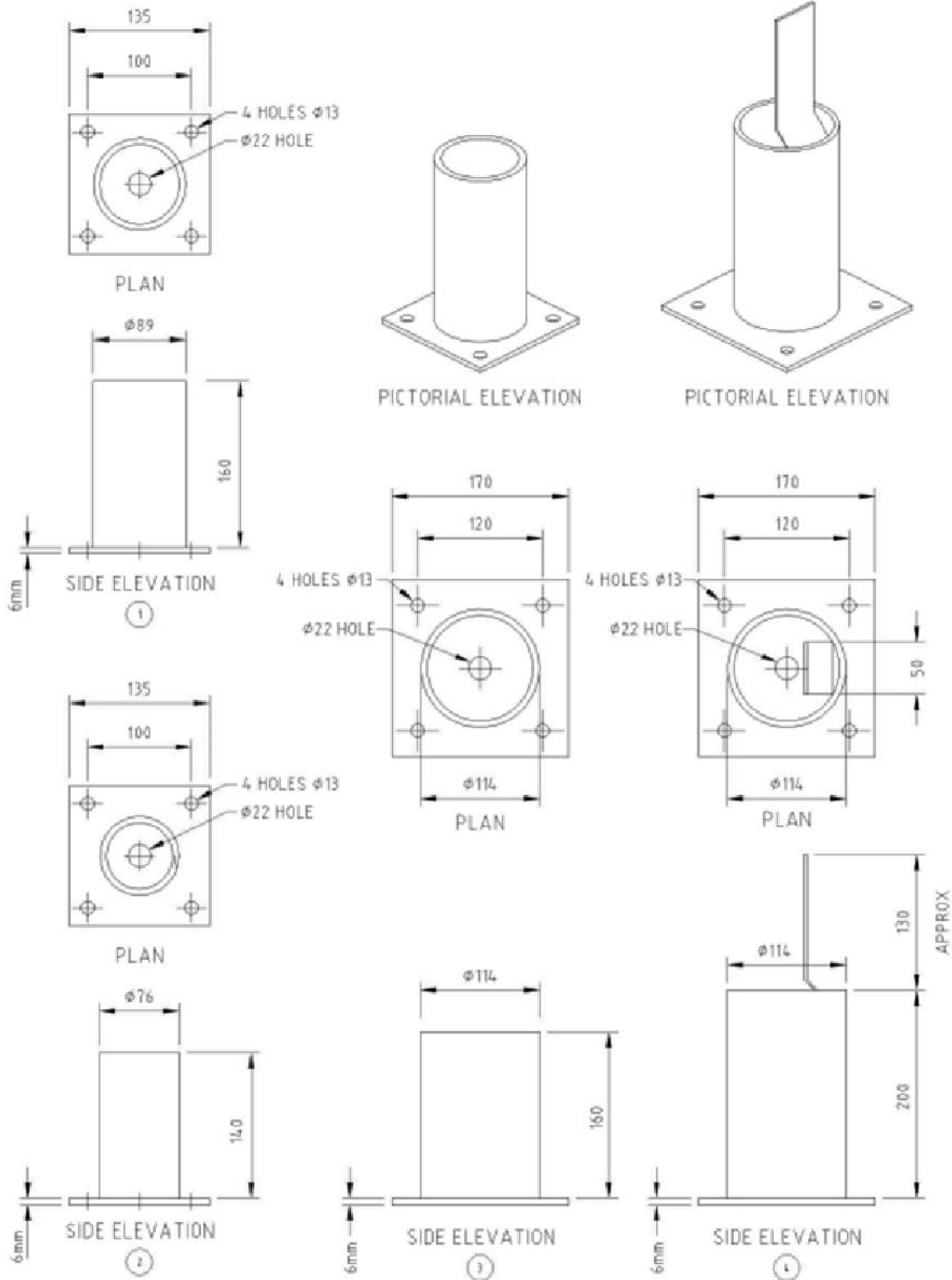
WOODBRIDGE INDUSTRIES LTD
 65 Fitzherbert Street, Petone, New Zealand
 Telephone: 64 4 568 1284
 Facsimile: 64 4 568 1265
 Email: sales@woodbridge.co.nz

FOUNDATION DETAILS

Drawn GAP	3rd Angle Projection	Size A4
Date 08.09.99	Copyright 08.09.99 John F Woodbridge	
Scale 1:20, 1:5	Drp No. 30506	Issue D

Foundation Options

Flange Mounting



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SPIGOT AND FLANGE DETAILS

Drawn GAP	3rd Angle Projection	Scale A4
Date 08.09.99	Copyright 08.09.99 John F Woodbridge	
Scale 1:5	Org No. 20801	Issue 0