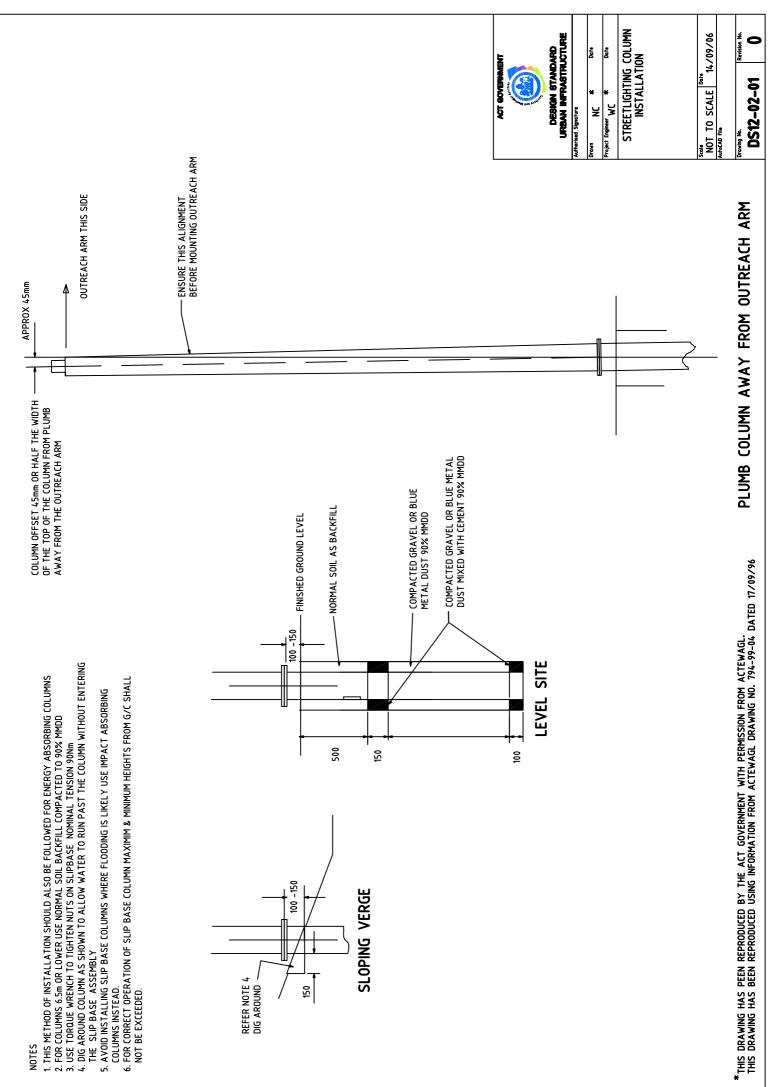
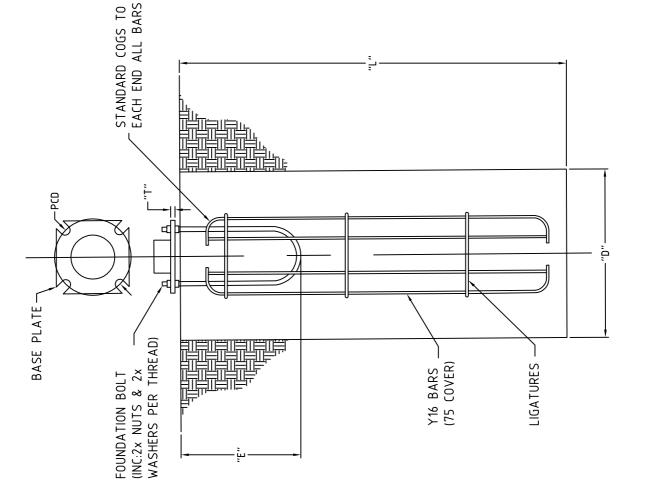


12.2 DS12-02 Footings



<u>Site Earthworks</u> The excavation for the new footings to be taken down to the depths shown on the drawing. Prior to pouring concrete the excavation is to be cleaned of all loose material and compacted to 90% maximum dry density. Excavation is to be dry prior to pouring concrete. ActewAGL Project Manager to determine the direction of conduits and footing alignment prior to the commencement of site excavations. <u>Concrete and Reinforcement</u> Concrete strength shall be 25 MPa Maximum aggregate size shall be 20mm	Materials and workmanship shall be in accordance with AS 3600 Concrete Structures Reinforcement shall be in accordance with AS 1302 and AS 1304. Reinforcement size and positioning shall be as shown on the drawings. Minimum laps shall be in accordance with the requirements of AS 3600, Section 13. Minimum cover to reinforcement 75mm unless otherwise shown. Reinforcement shall be supported in its correct position so as not to be displaced during concreting. Provide bar chairs as necessary.	Control cubicle to be secured to base with dynabolts or similiar. Concrete base shall be allowed to cure a minimum of seven days before fixing cubicle. Concrete base shall be allowed to cure a minimum of seven days before fixing cubicle. MI conduits to have large radius bends. Elbow bends are not acceptable. MI conduits to have large radius bends. MI conduits to may minimum of seven days before fixing cubicle. MI conduits to have large radius bends. MI conduits to may minimum of seven days before fixing cubicle. MI conduits to have large radius bends. MI conduits to may minimum of seven days before fixing cubicle. MI conduits to have large radius bends. MI control cubicle. MOTES I. All dimensions are in millimetres 1. All dimensions are in millimetres MI control control cubicle. Control details MI control control cubicle. MI control details MI control contro control control contro control control control control control c
12 Street lighting Drawings		009 0) μ(β) μ(β) μ(β) μ(β) μ(β) μ(β) μ(β) μ(β

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_	20 METRE	30x900x500 PCD	90	1028	2400		0	Y24	R10 500 C/C



INDICATIVE FOOTING DETAILS FOR OCTAGONAL COLUMNS NOT TO SCALE Project Engineer WC wtoCAD File ACCORDING TO A NUMBER OF FACTORS INCLUDING SOIL CONDITION, WIND LOADING AND NEITHER VICPOLE OR ROADS ACT ACCEPT RESPONSIBILITY FOR THE FOOTING DETAILS TERRAIN CATEGORIES. IN ALL INSTANCES IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ENGINEERS COMPUTATIONS AND SPECIFIC COLUMN MANUFACTURERS INFORMATION TO DETERMINE THE FOOTING DETAIL REQUIRED FOR Each site. Note the above footing details are based on terrain cat 2, concrete strength of 32mpa and an allowable lateral soil bearing of 50kpa per metre depth. GIVEN. ALL FOOTING DETAILS ARE INDICATIVE ONLY. FOOTING SIZES WILL VARY IMPORTANT NOTE

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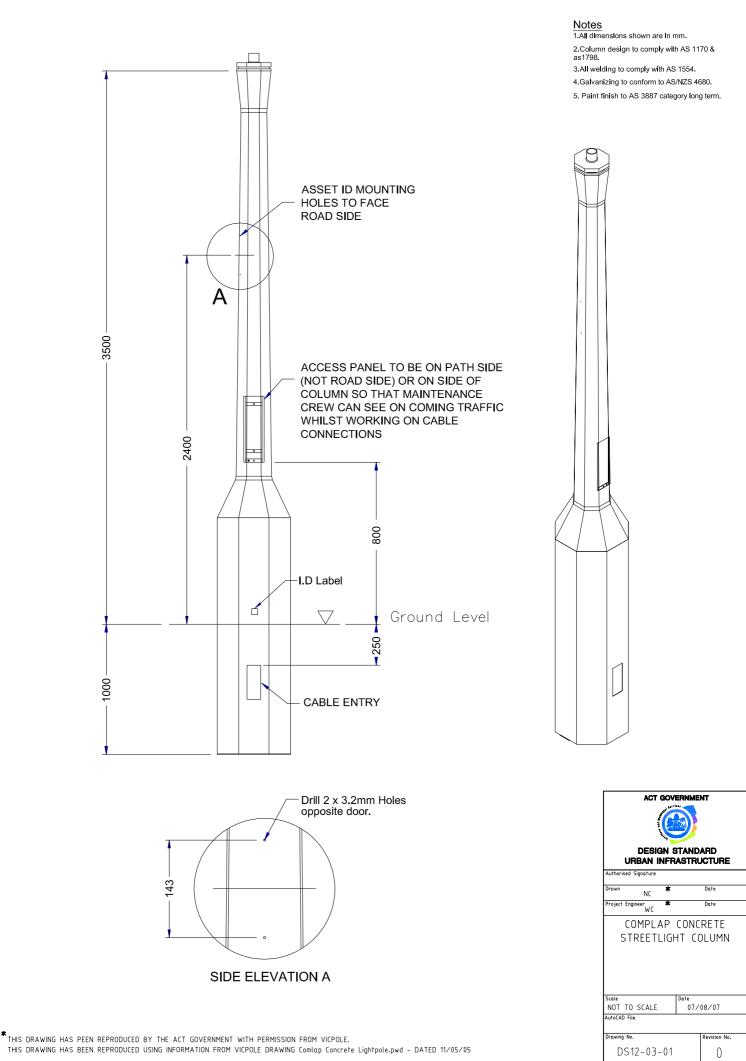
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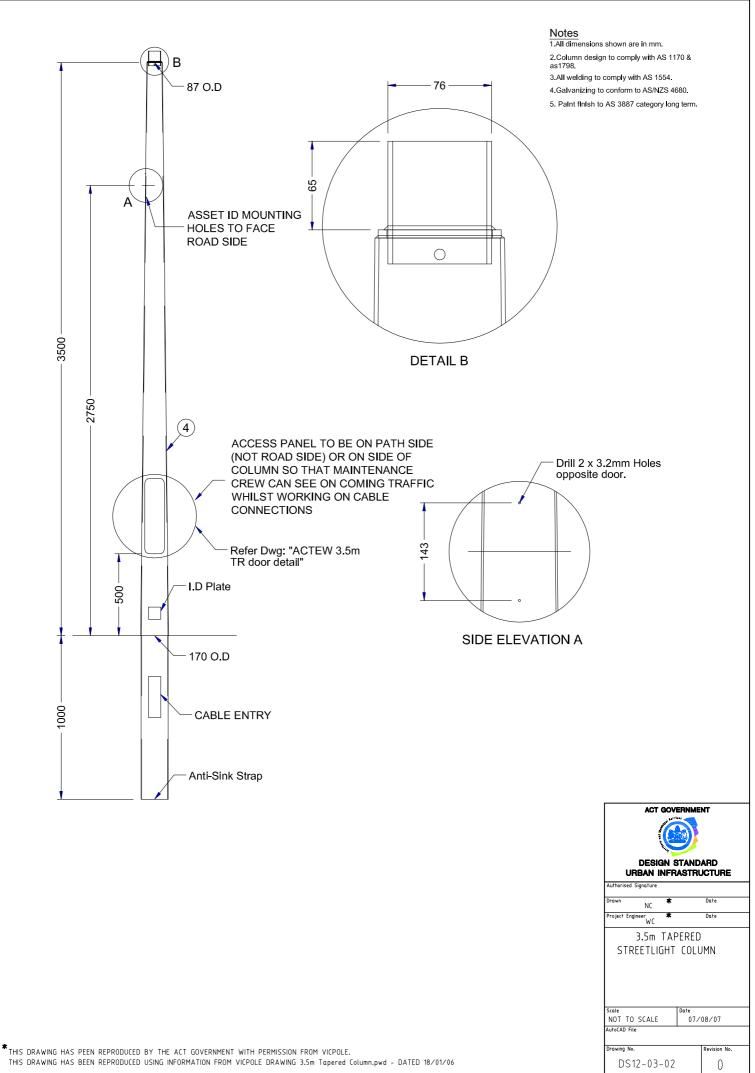
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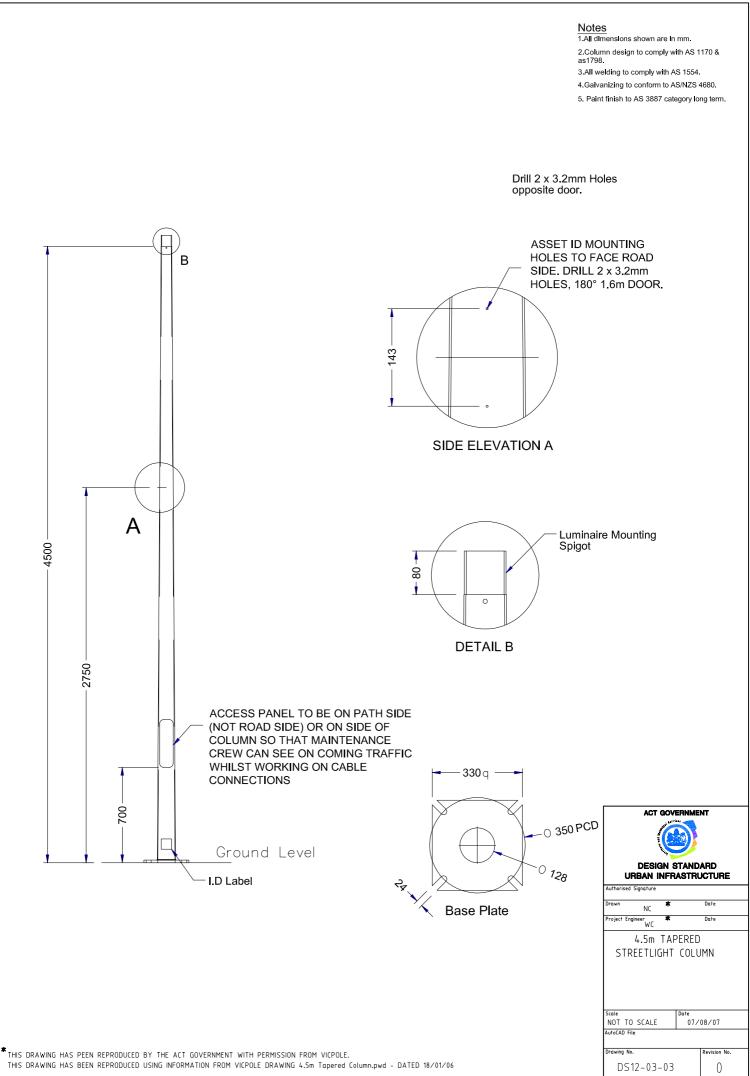
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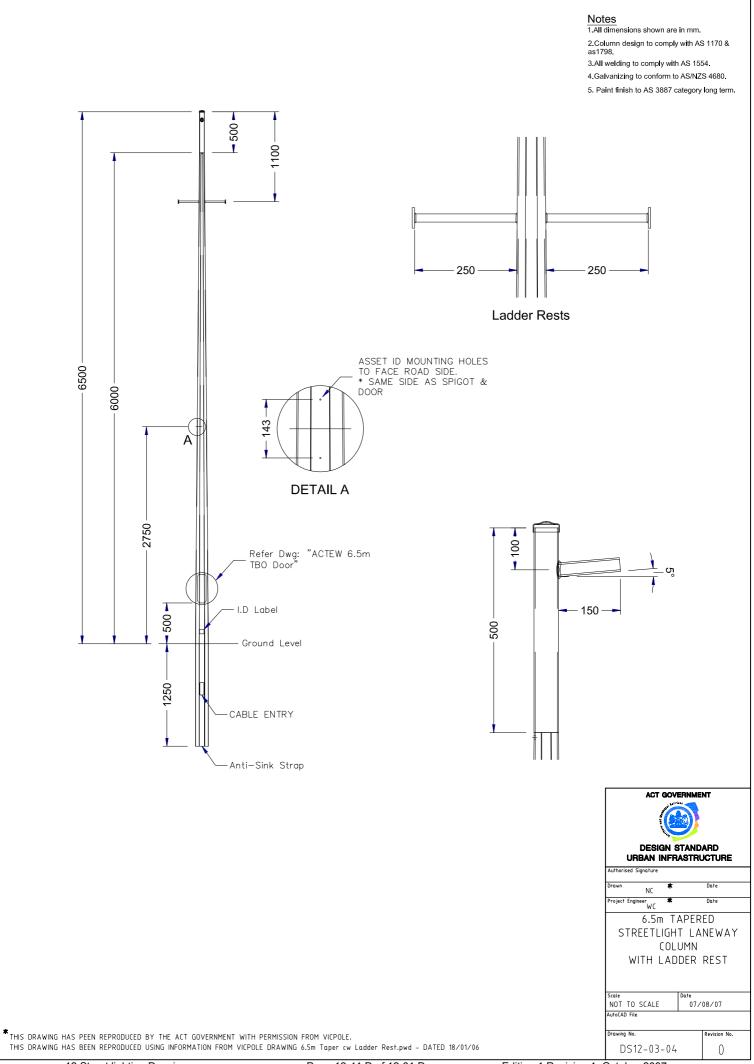
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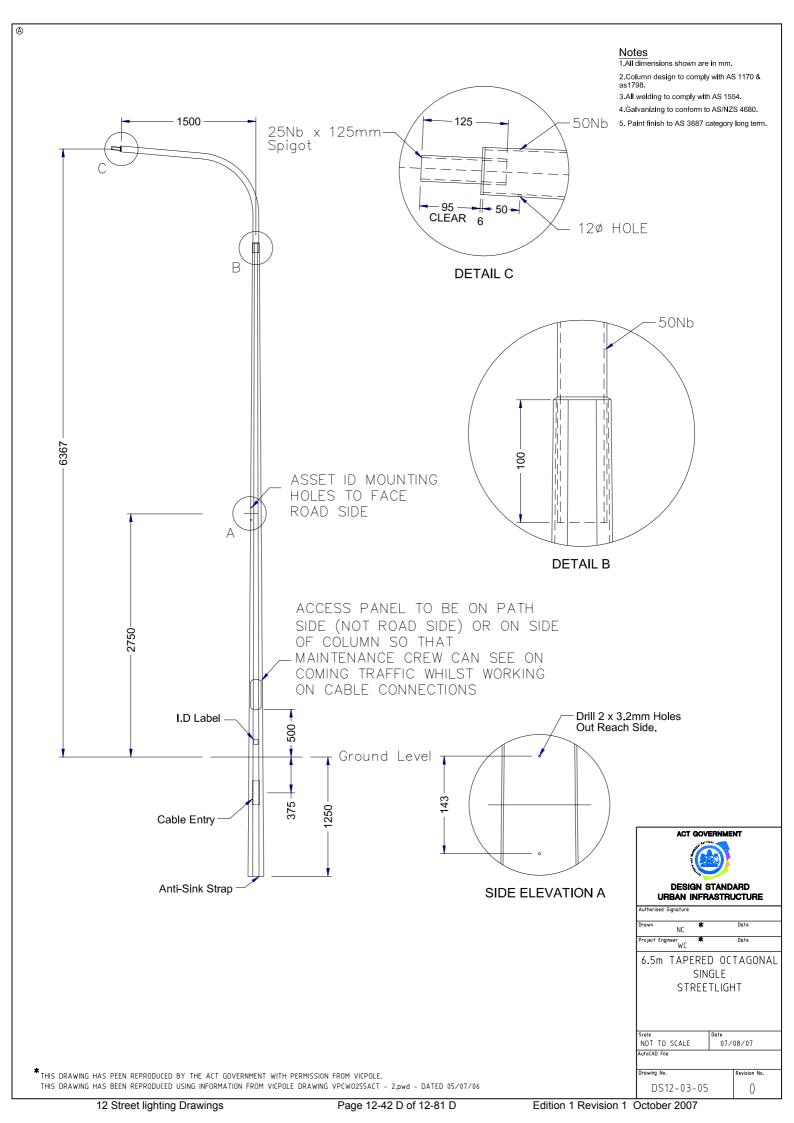




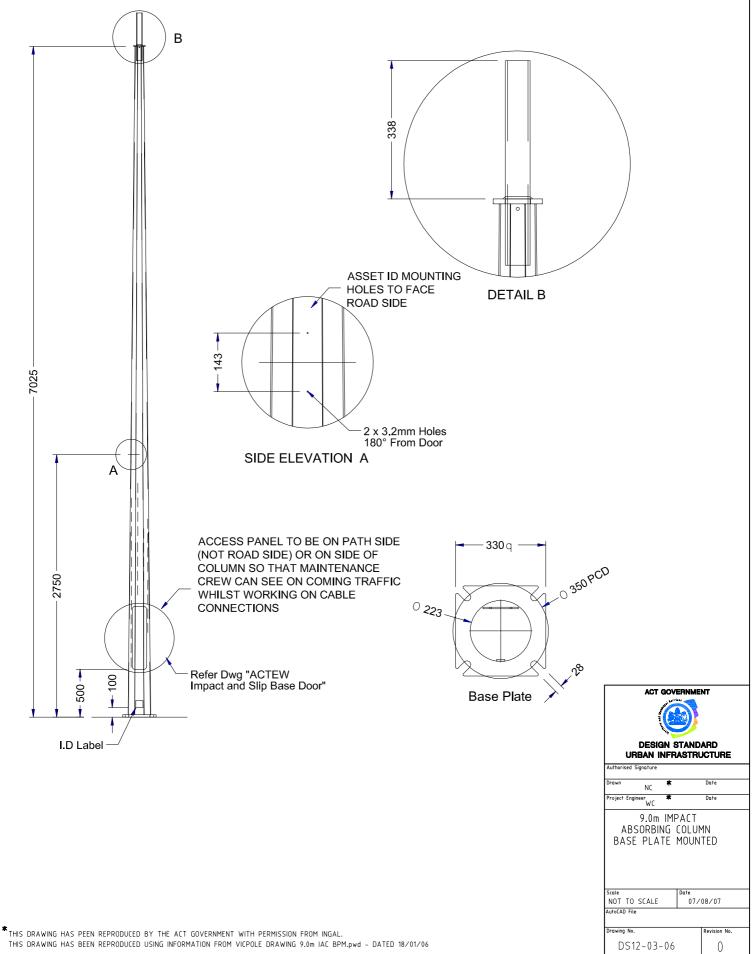


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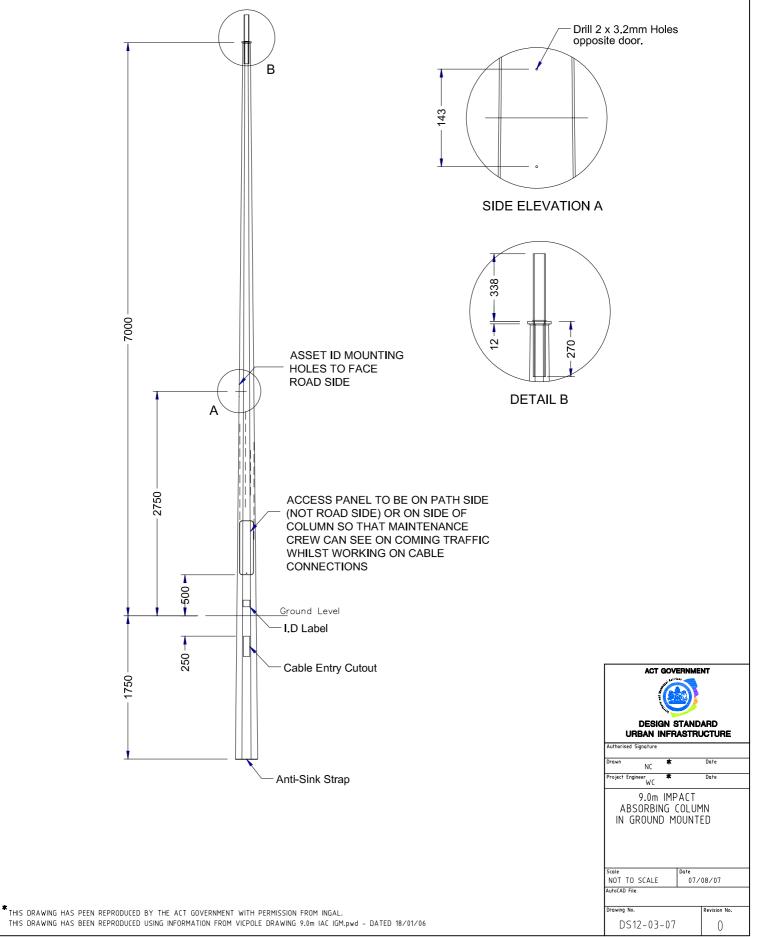




All dimensions shown are in mm.
Column design to comply with AS 1170 & as1798.
All welding to comply with AS 1554.
Galvanizing to conform to AS/NZS 4680.
Paint finish to AS 3887 category long term.

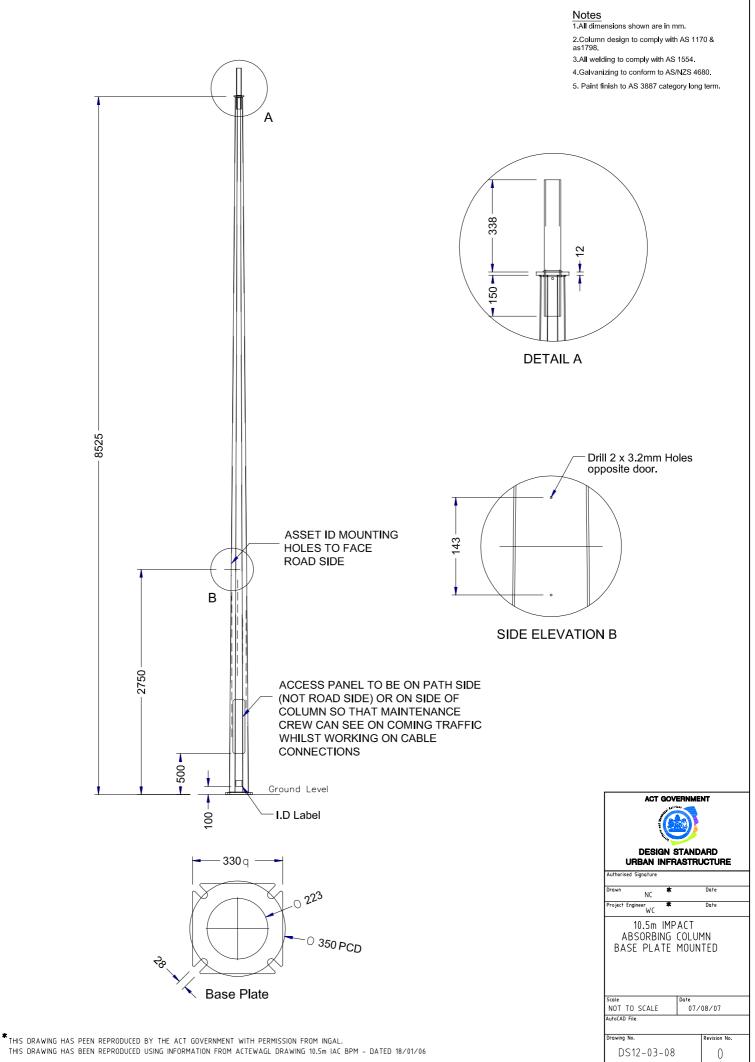


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Paint finish to AS 3887 category long term.

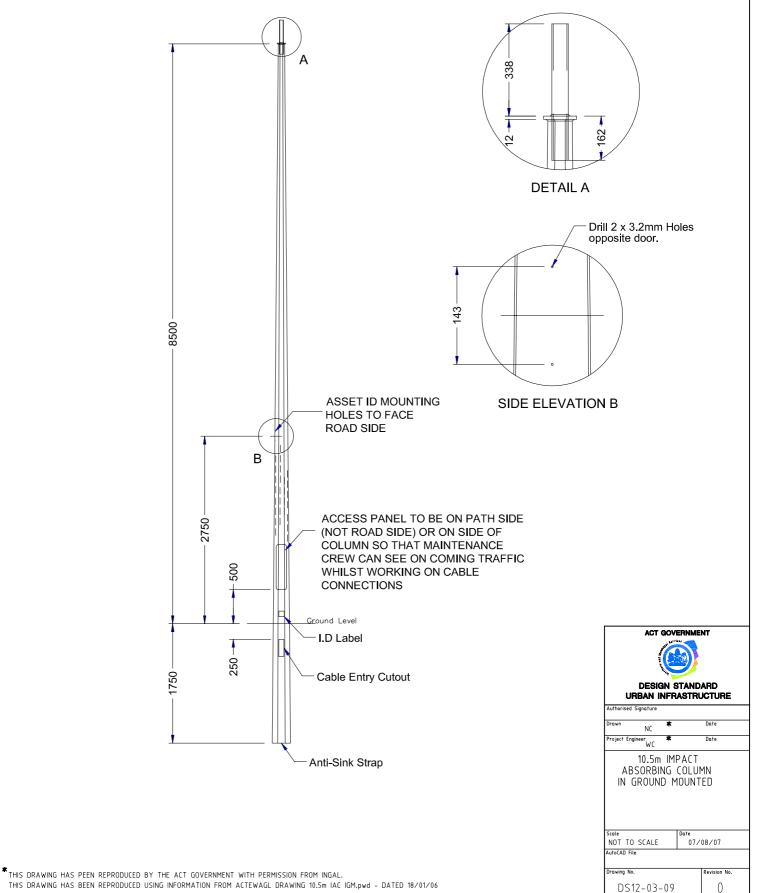


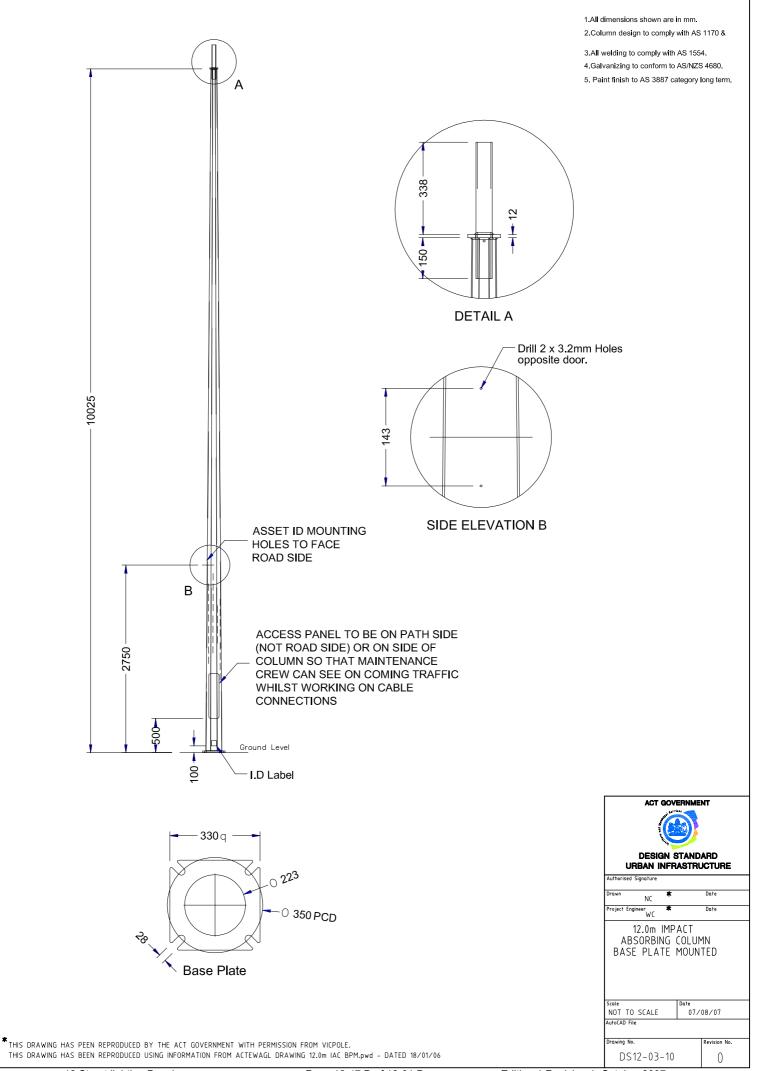
12 Street lighting Drawings

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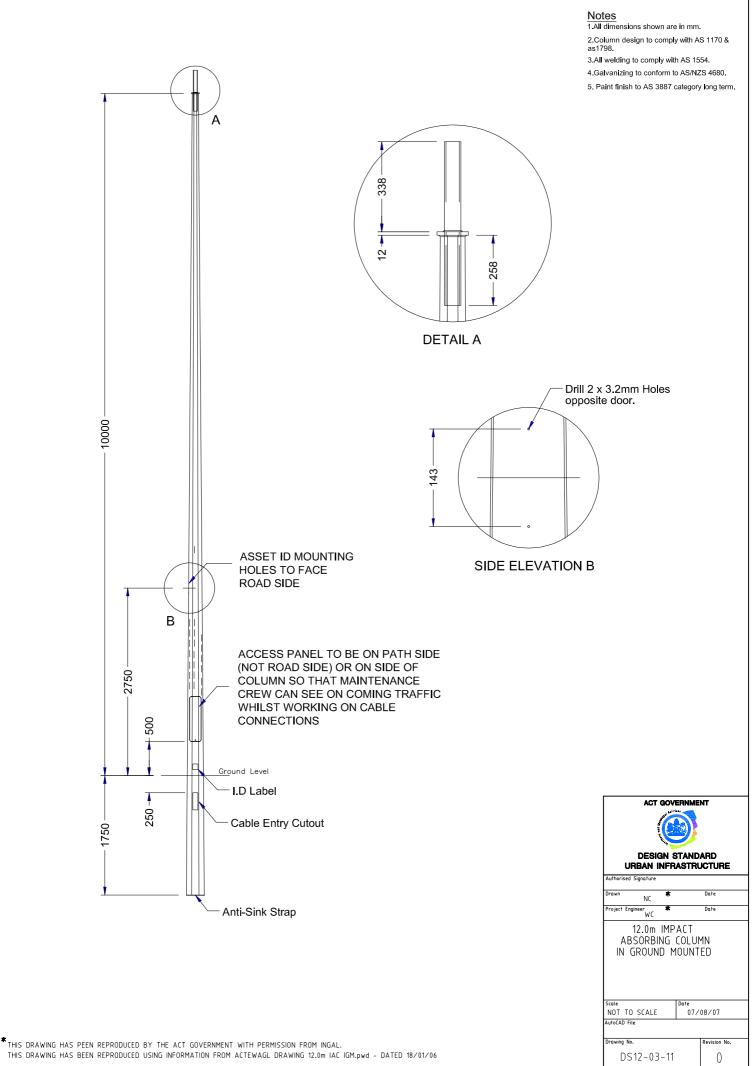


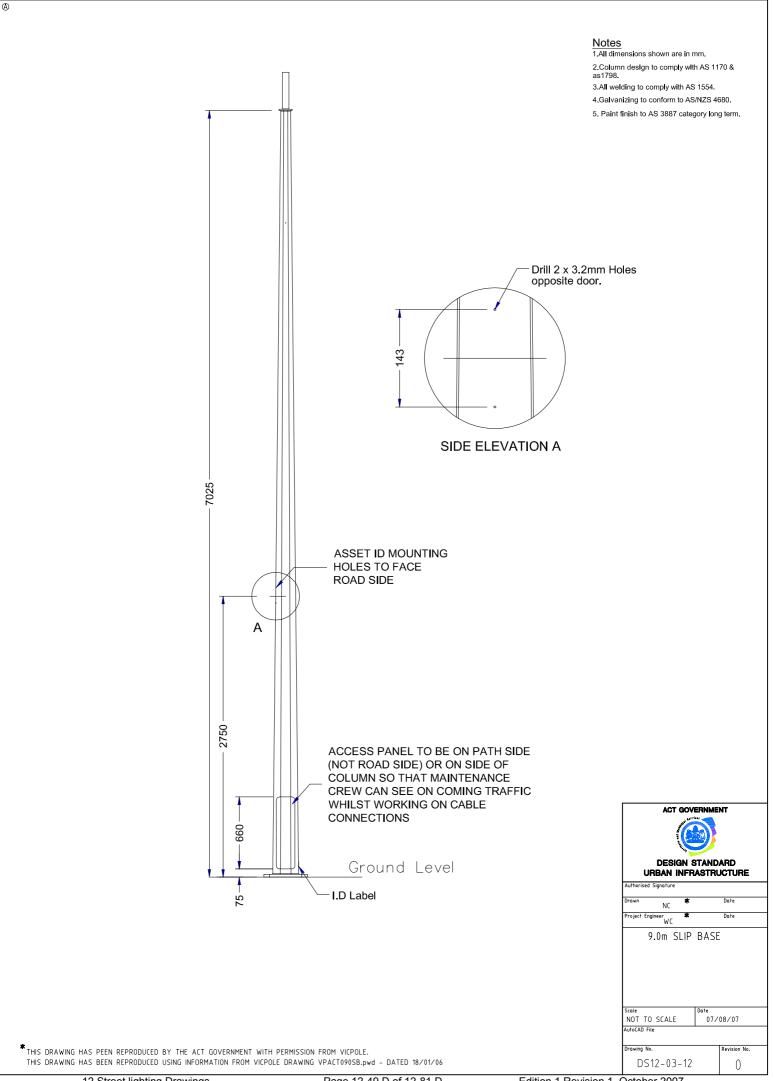


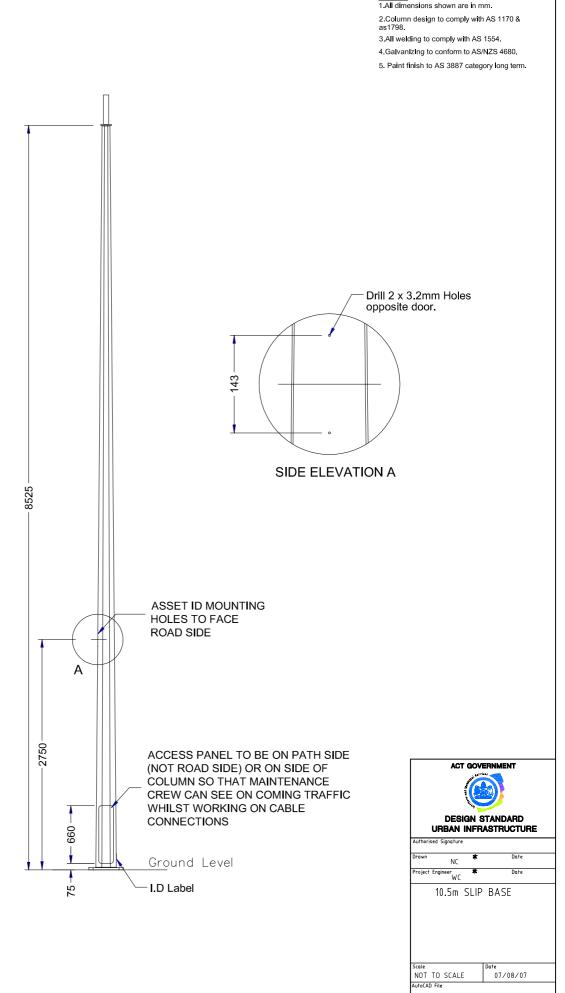


12 Street lighting Drawings

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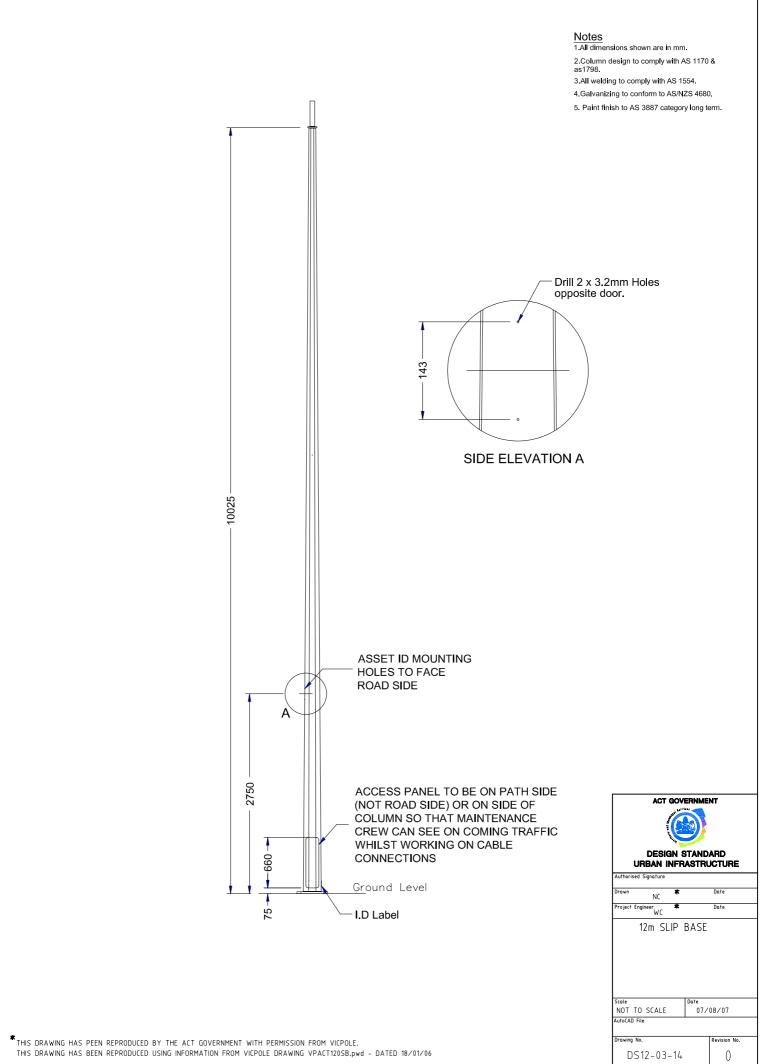
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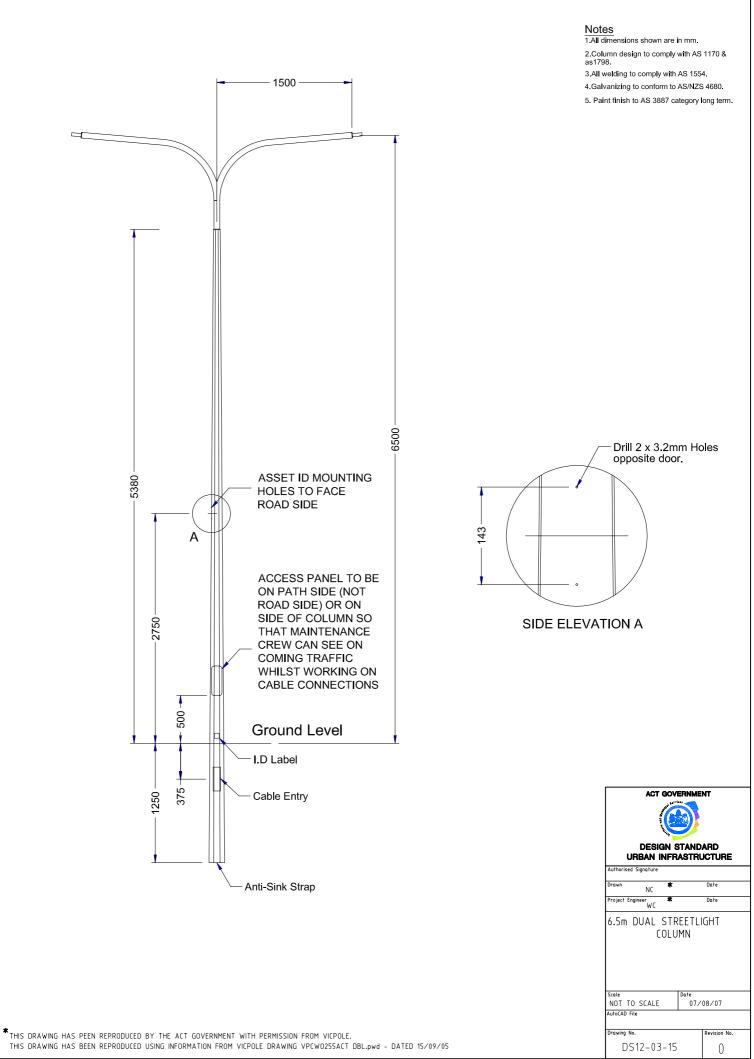
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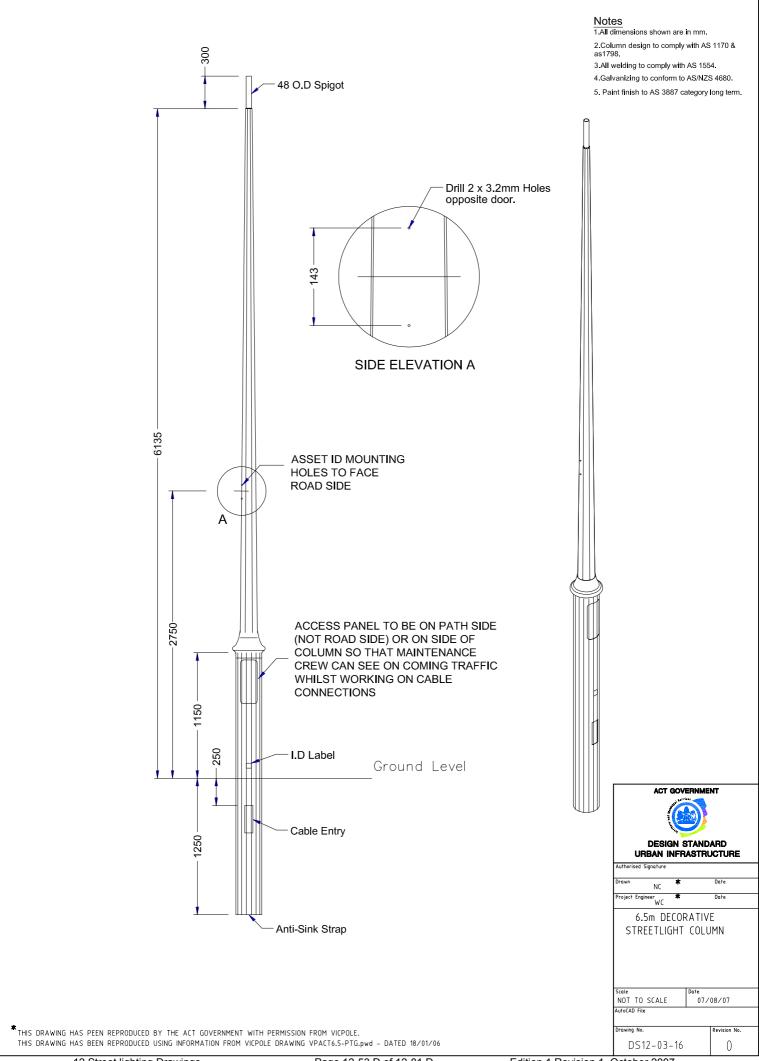
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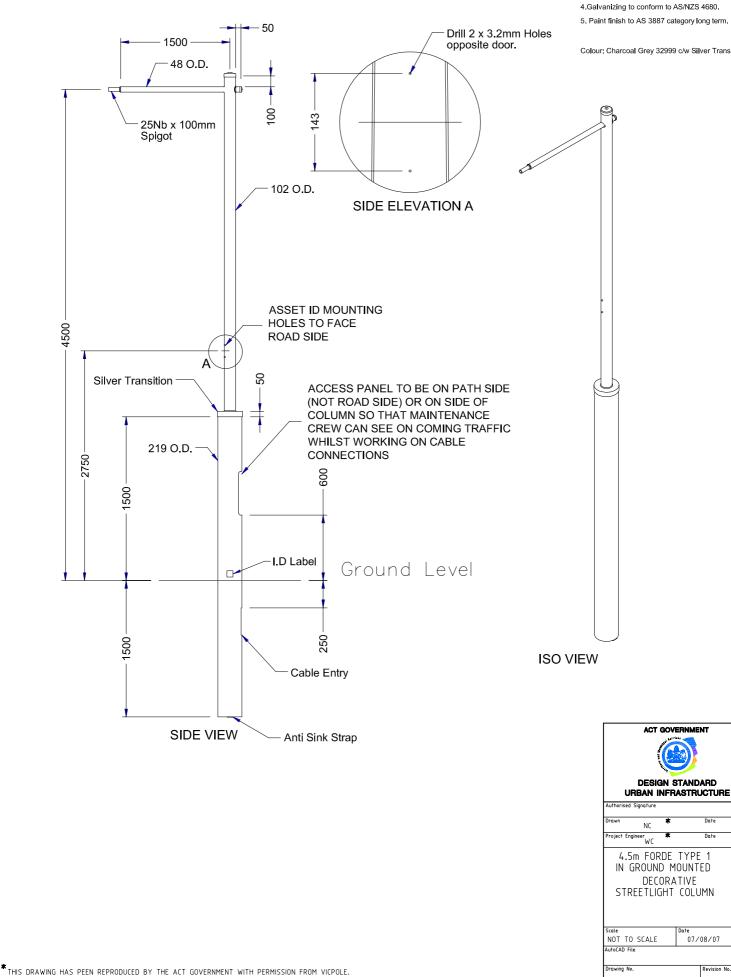




1.All dimensions shown are in mm. 2.Column design to comply with AS 1170 & as1798.

3.All welding to comply with AS 1554.

Colour: Charcoal Grey 32999 c/w Silver Trans



12 Street lighting Drawings

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Edition 1 Revision 1 October 2007

DS12-03-17

Date

Date

Revision No