

PART FRONT ELEVATION VEHICLE ACCESS GATE LOCKING DETAIL SCALE 1.5

ROUND PIPE POST CAP.
SPOT WELD AT TWO LOCATIONS.

PADLOCK GUARD.
FABRICATE FROM 100mm X 4mm SHS.
4mm THICK END CAP WITH 24mm DIA. HOLE TO
ACCOMMODATE LOCKING PIN.
6mm CONTINUOUS FILLET WELD TO INSIDE OF CHS.

20mm DIA. X 140mm LONG
MILD STEEL LOCKING PIN WITH
2 NO. X HOLES TO
ACCOMMODATE PADLOCKS

TOP RAIL

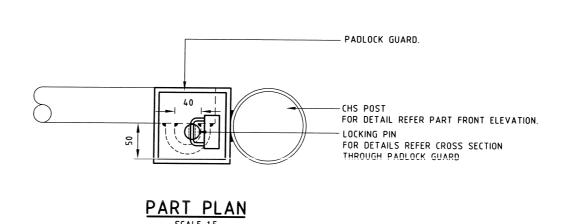
PADLOCK GUARD.
(REFER DETAILED NOTE ABOVE)

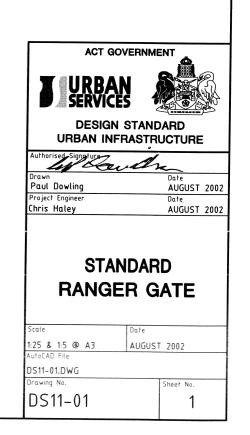
CROSS SECTION THROUGH PADLOCK GUARD

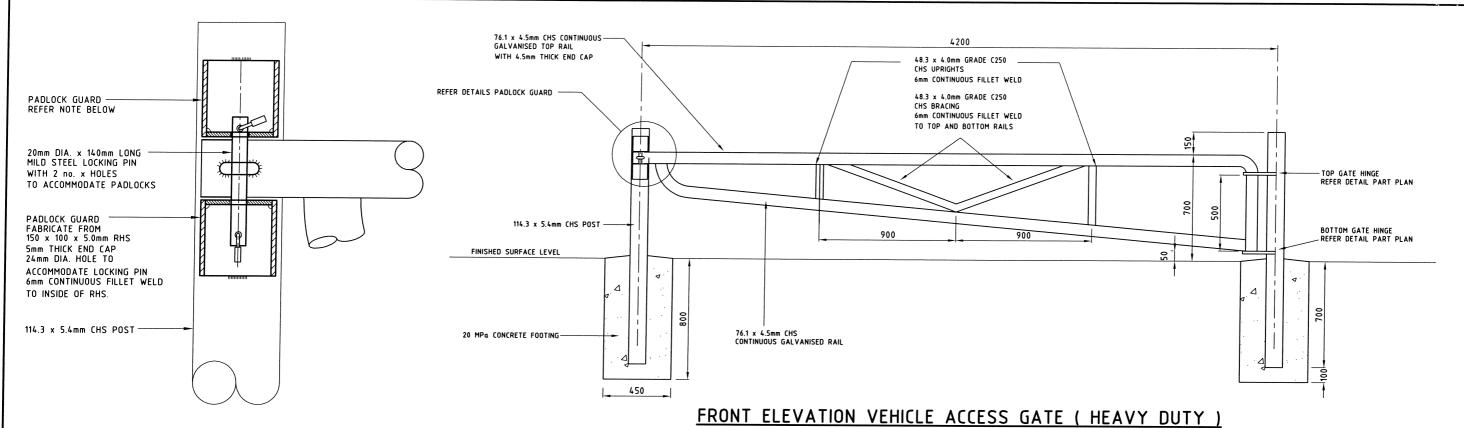
4200 HEAVY DUTY GATE HINGES WITH FIXED ROUND PIPE POST CAP. PINS. CONTINUOUS FILLET WELD TO POST SPOT WELD AT TWO LOCATIONS. AND GATE. -48.3x3.2 CHS GRADE C250 CONTINUOUS GALVANISED TOP RAIL WITH 3.2mm THICK END CAP 16mm DIA. M.S. ROD BRACING. REFER DETAIL CONTINUOUS FILLET WELD TO TOP AND BOTTOM RAILS. 1640 LONG 101.6 x 4.0 CHS GRADE C250 POSTS. FINISHED SURFACE LEVEL 20MPa CONCRETE FOOTING 400 DIA. FRONT ELEVATION 400 DIA. SCALE 1:25

NOTES:

- 1. ALL CONCRETE TO BE CLASS 20 MPa.
- ALL FILLET WELDS TO BE 6mm CONTINUOUS FILLET WELDS.
- ALL STEEL COMPONENTS TO BE HOT DIP GALVANISED AFTER FABRICATION.







CROSS SECTION THROUGH PADLOCK GUARD SCALE 1:5

5mm THICK END CAP
6mm CONTINUOUS FILLET WELD 76.1 x 4.5mm CHS GRADE C250 CONTINUOUS GALVANISED TOP RAIL WITH 4.5MM THICK END CAP TO ACCOMMODATE 76.1 x 4.5mm CHS GATE PADLOCK GUARD -115 DIA 15mm DIA. MILD STEEL SEMI-CIRCULAR LOCKING PIN LATCH TO ACCOMMODATE LOCKING PIN 6mm CONTINUOUS FILLET WELD TO CENTRELINE OF TOP RAIL CHS POST PADLOCK GUARD TOP RAIL eq " eq 30 x 5mm STIFFENING PLATE 6mm CONTINUOUS FILLET WELD 100 CHS POST LOCKING PIN 150 PADLOCK GUARD 115 dia.

> PART FRONT ELEVATION GATE LOCKING DETAIL

PART PLAN PADLOCK GUARD

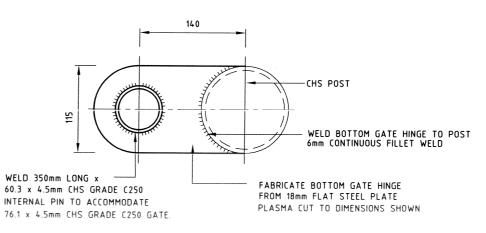
100

140 -CHS POST PLASMA CUT 78mm DIA HOLE FABRICATE TOP GATE HINGE WELD TOP GATE HINGE TO POST FROM 18mm FLAT STEEL PLATE 6mm CONTINUOUS FILLET WELD PLASMA CUT TO DIMENSIONS SHOWN

NOTES:

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 ALL FILLET WELDS TO BE 6mm CONTINUOUS FILLET WELDS.
 ALL STEEL COMPONENTS TO BE HOT DIP GALVANISED AFTER FABRICATION.

PART PLAN TOP GATE HINGE



PART PLAN BOTTOM GATE HINGE

