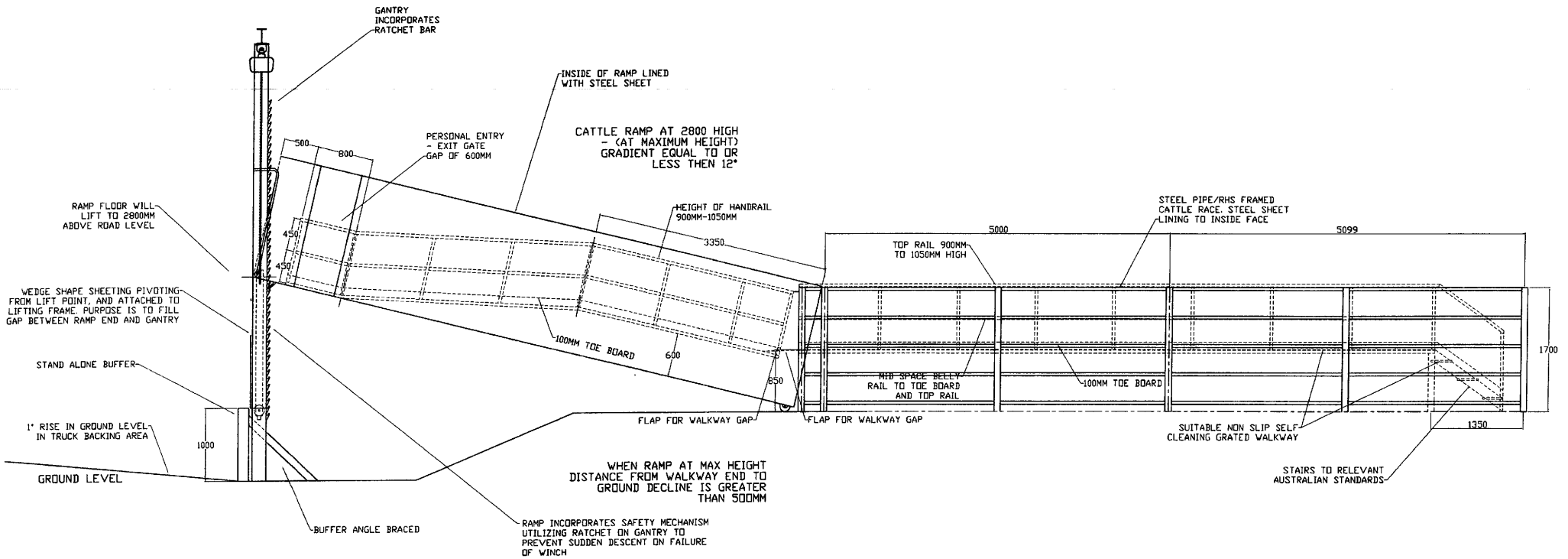
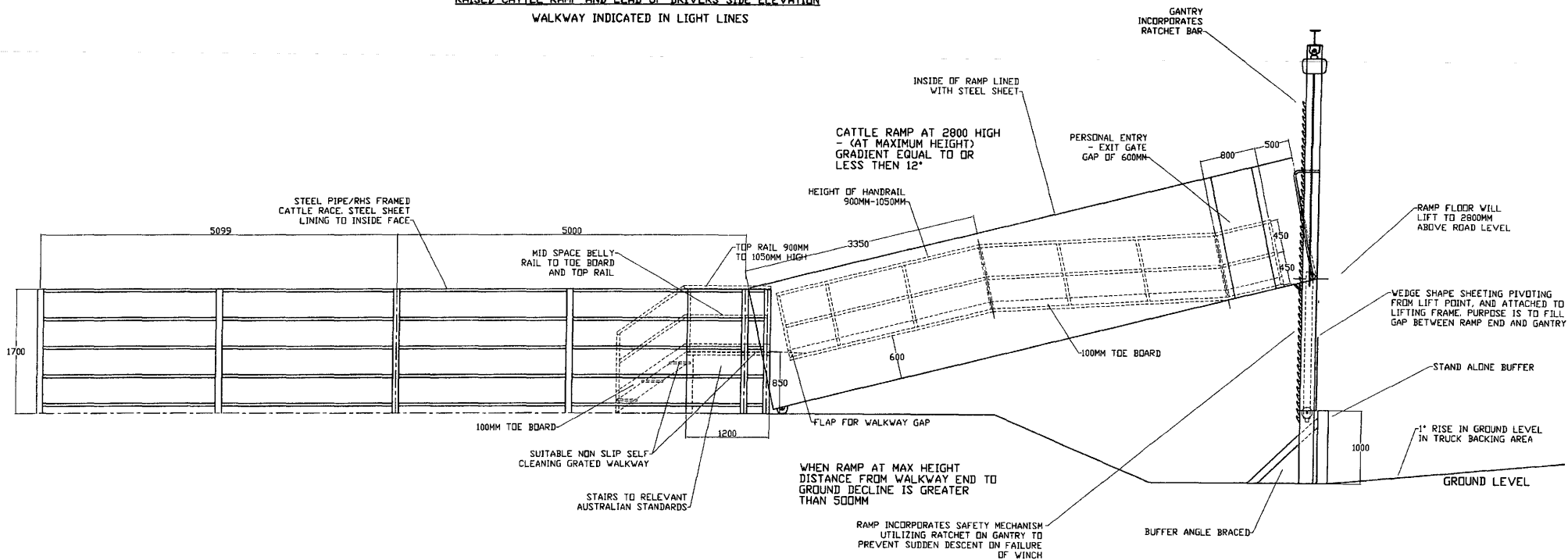


**Final Concept Plans for the Preferred Design for
WIND UP LOADING RACE FOR CATTLE**

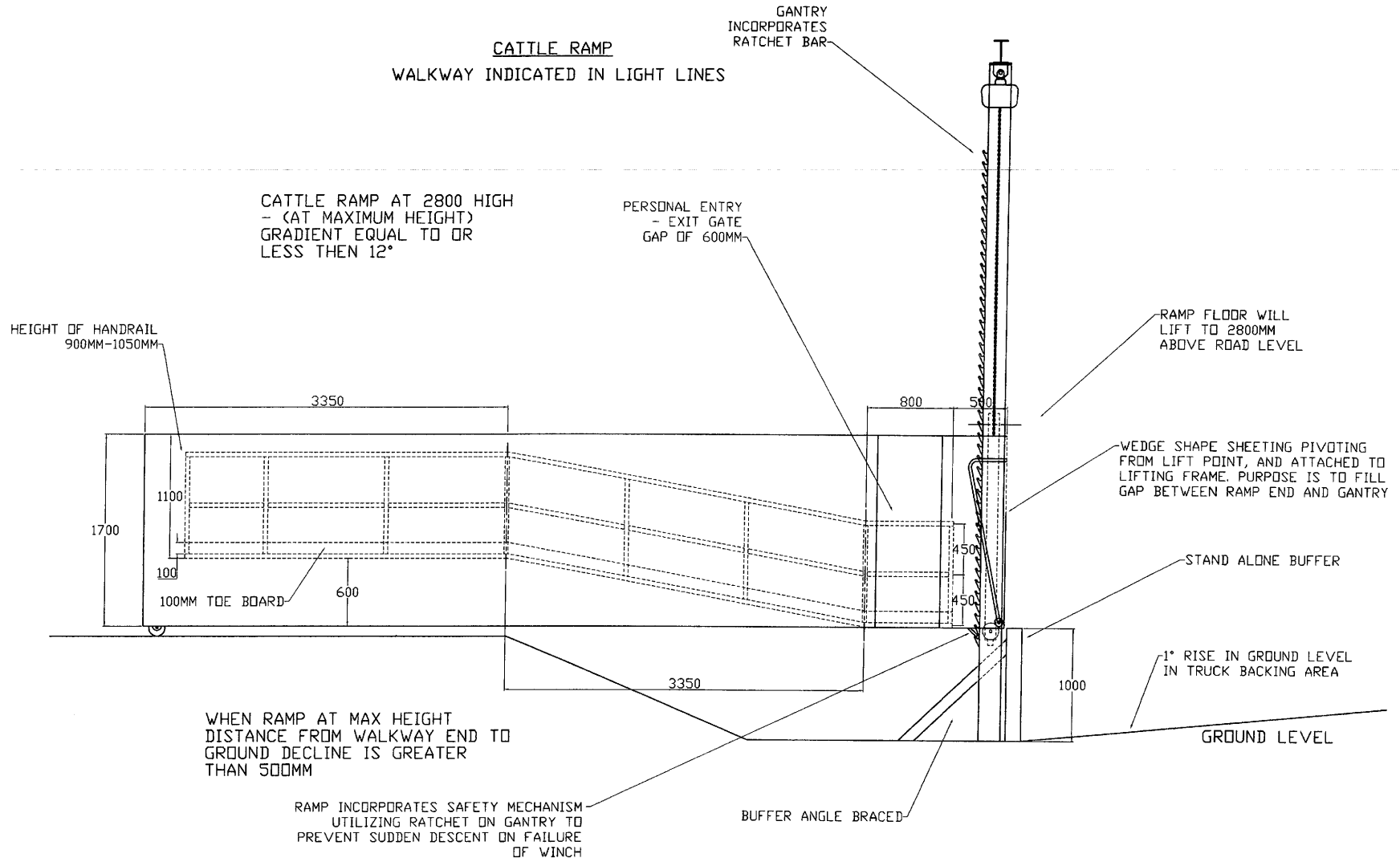
RAISED CATTLE RAMP AND LEAD UP PASSENGERS SIDE ELEVATION
 WALKWAY INDICATED IN LIGHT LINES

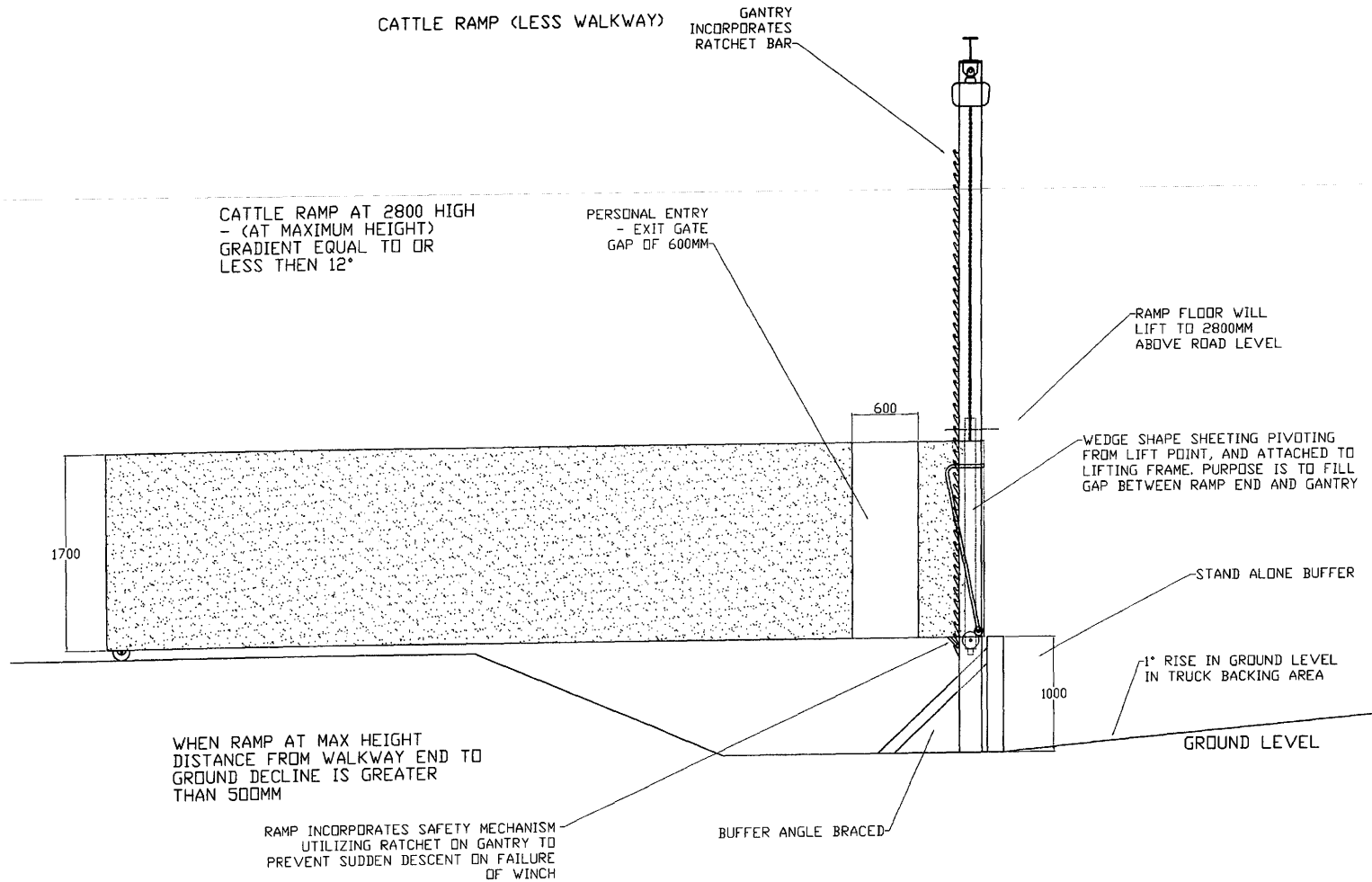


RAISED CATTLE RAMP AND LEAD UP DRIVERS SIDE ELEVATION
WALKWAY INDICATED IN LIGHT LINES

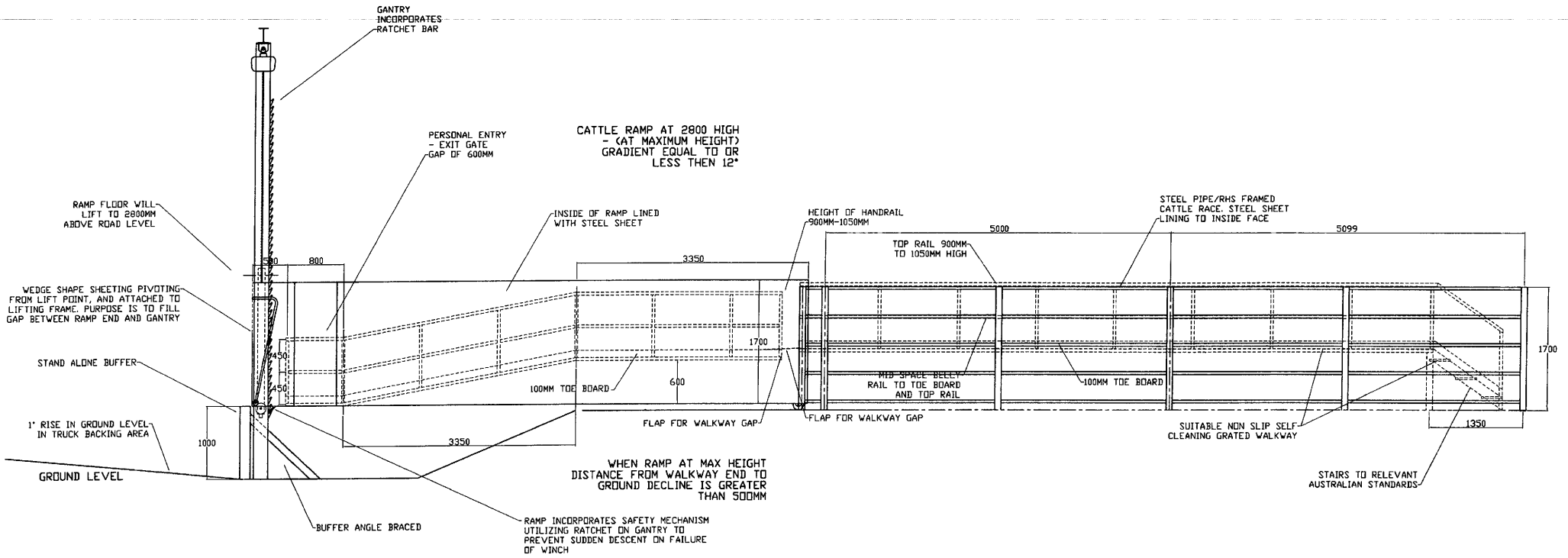


CATTLE RAMP
WALKWAY INDICATED IN LIGHT LINES



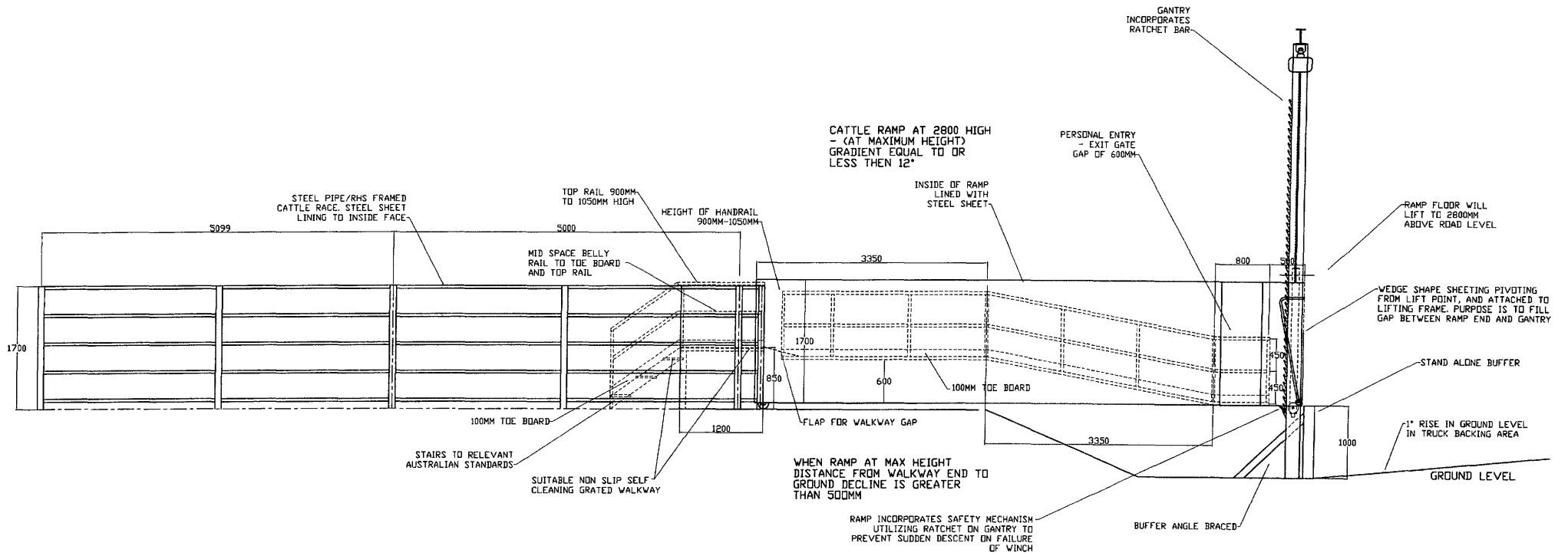


CATTLE RAMP AND LEAD UP PASSENGERS SIDE ELEVATION
 WALKWAY INDICATED IN LIGHT LINES

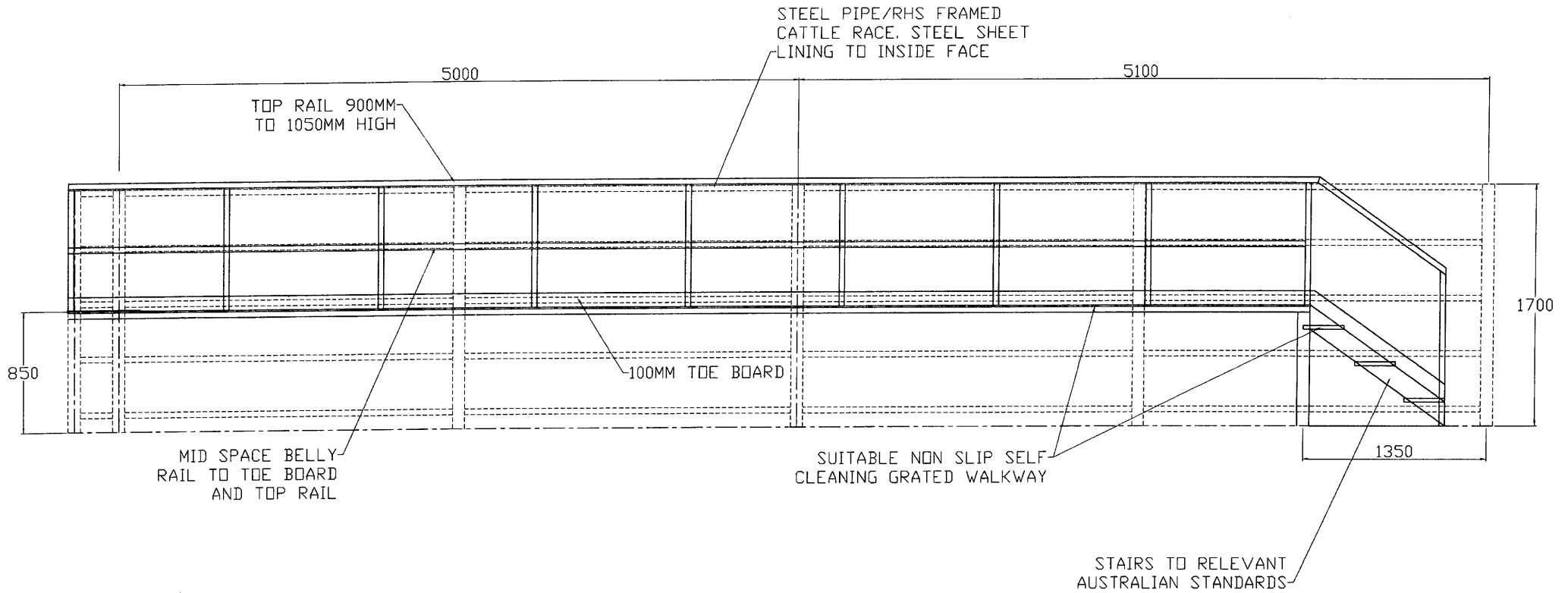


CATTLE RAMP AND LEAD UP DRIVERS SIDE ELEVATION

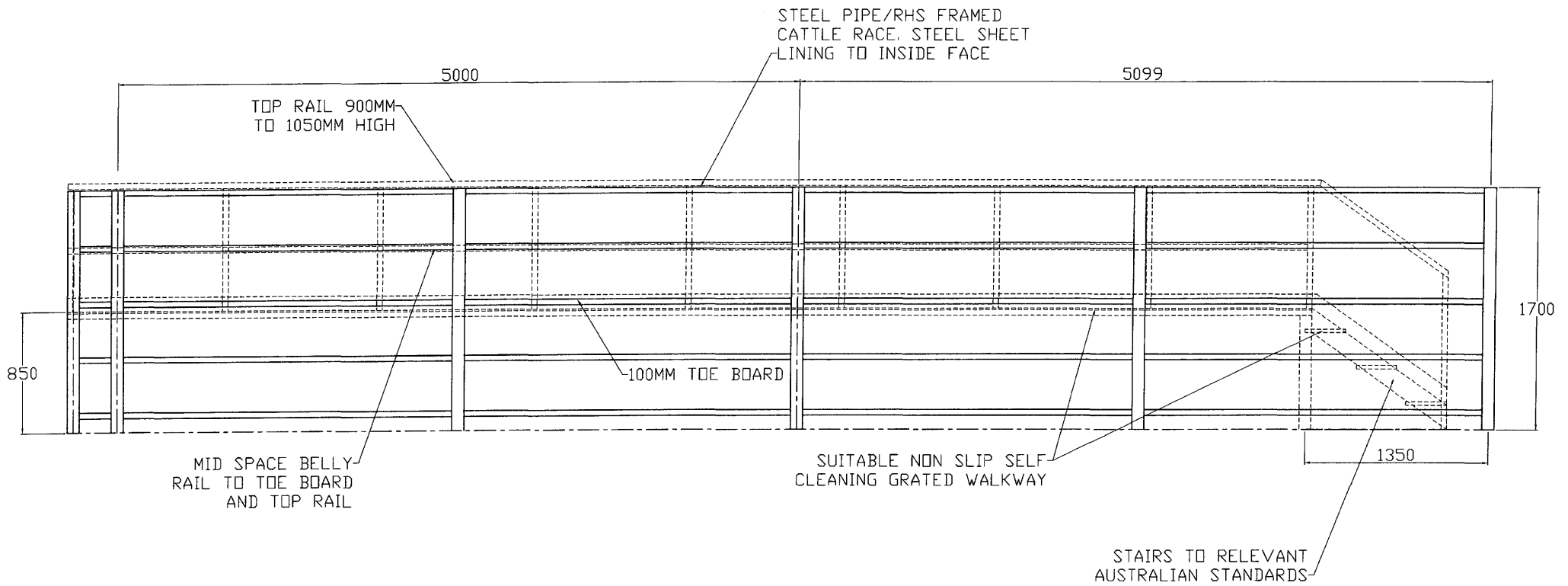
WALKWAY INDICATED IN LIGHT LINES



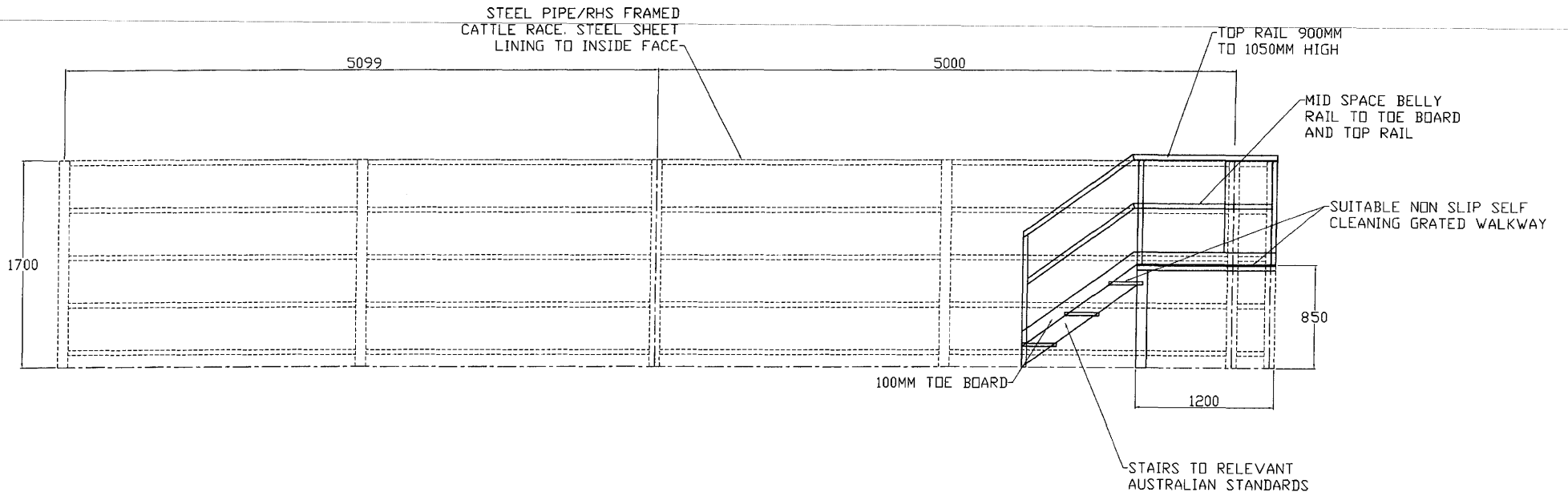
CATTLE LEAD UP PASSENGERS WALKWAY ELEVATION



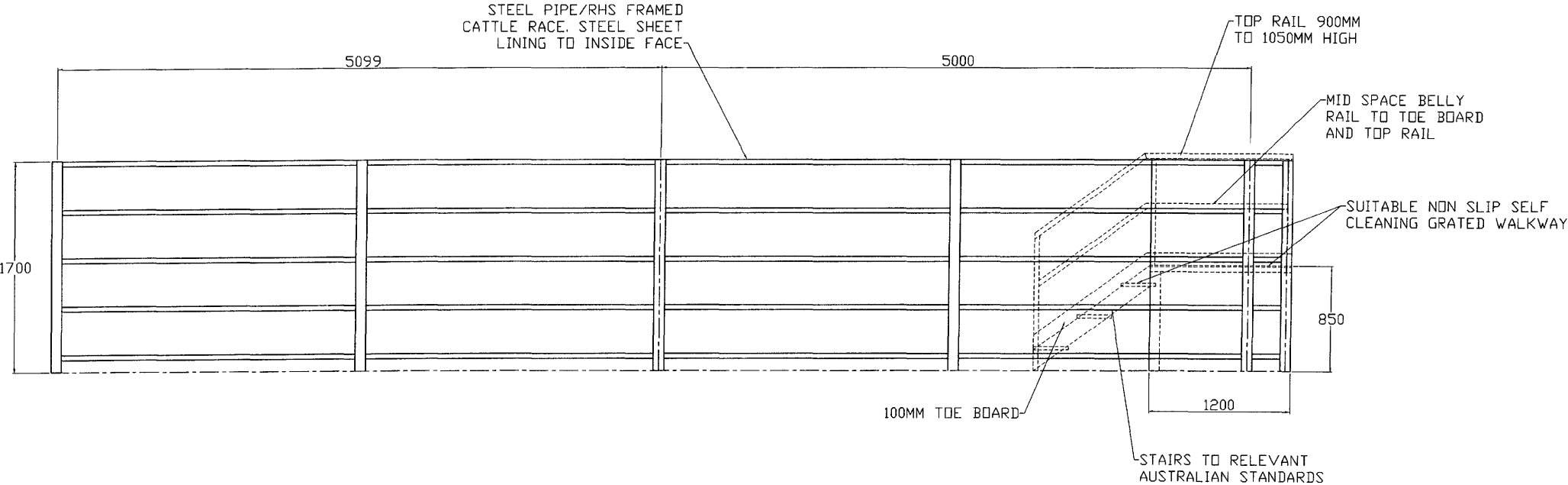
CATTLE LEAD UP PASSENGERS SIDE ELEVATION

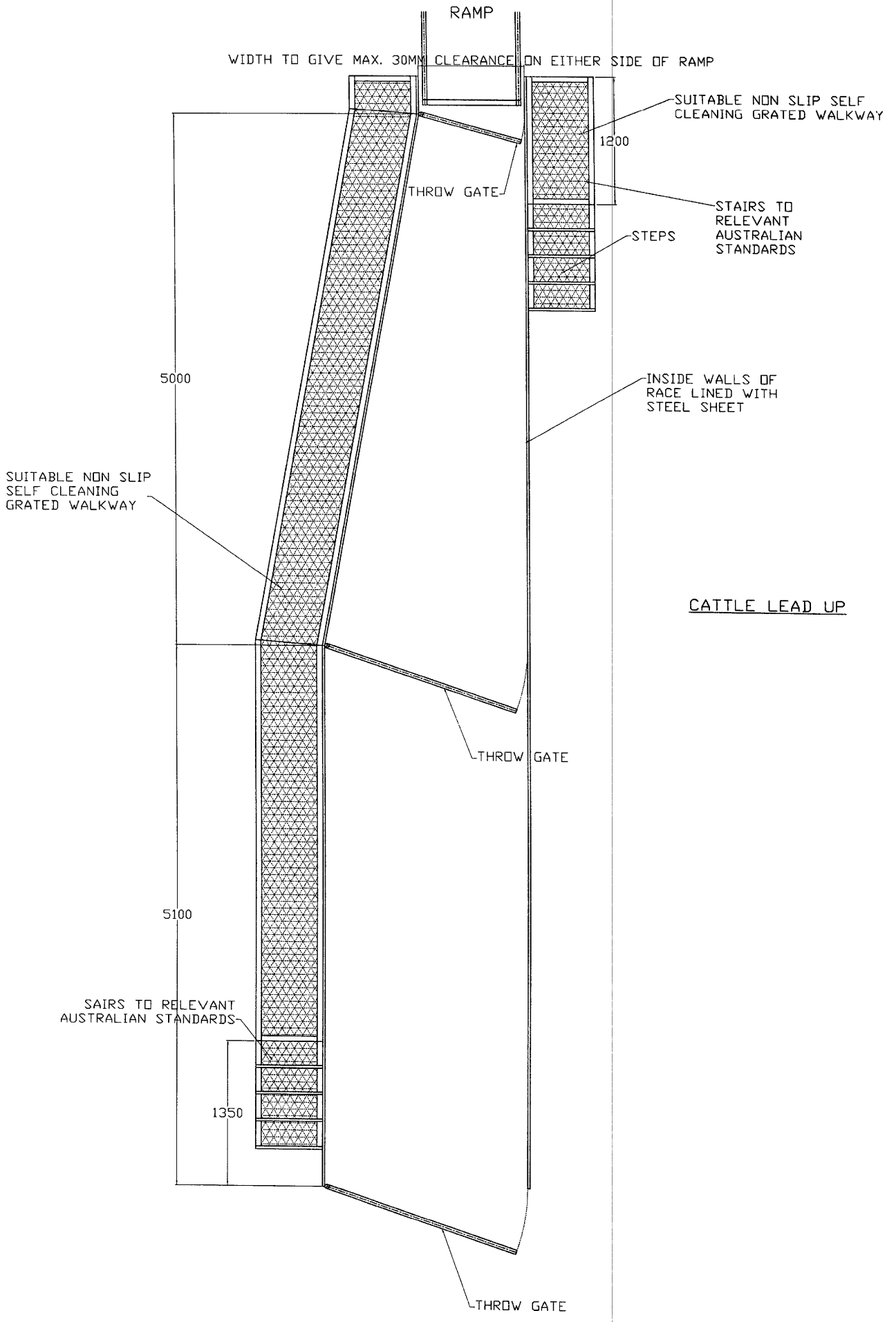


CATTLE LEAD UP DRIVERS WALKWAY ELEVATION

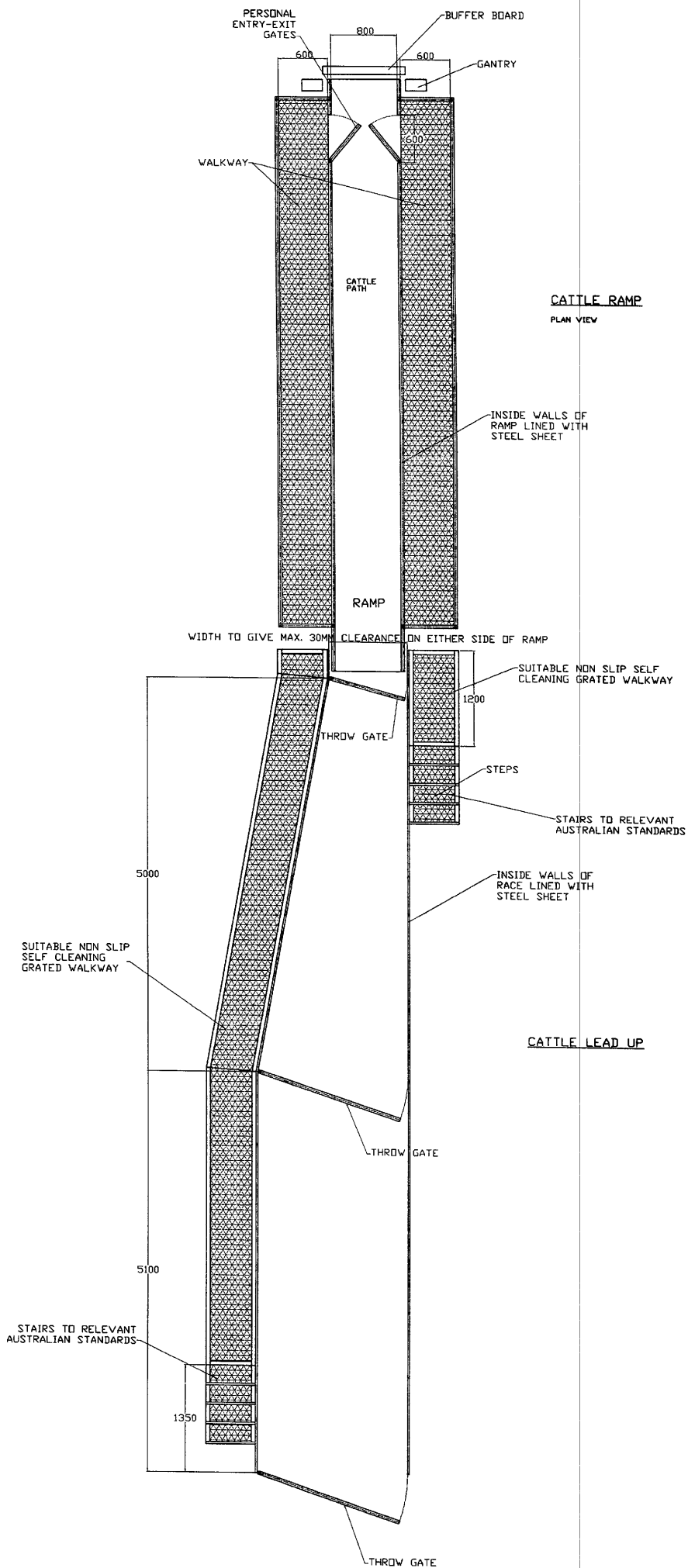


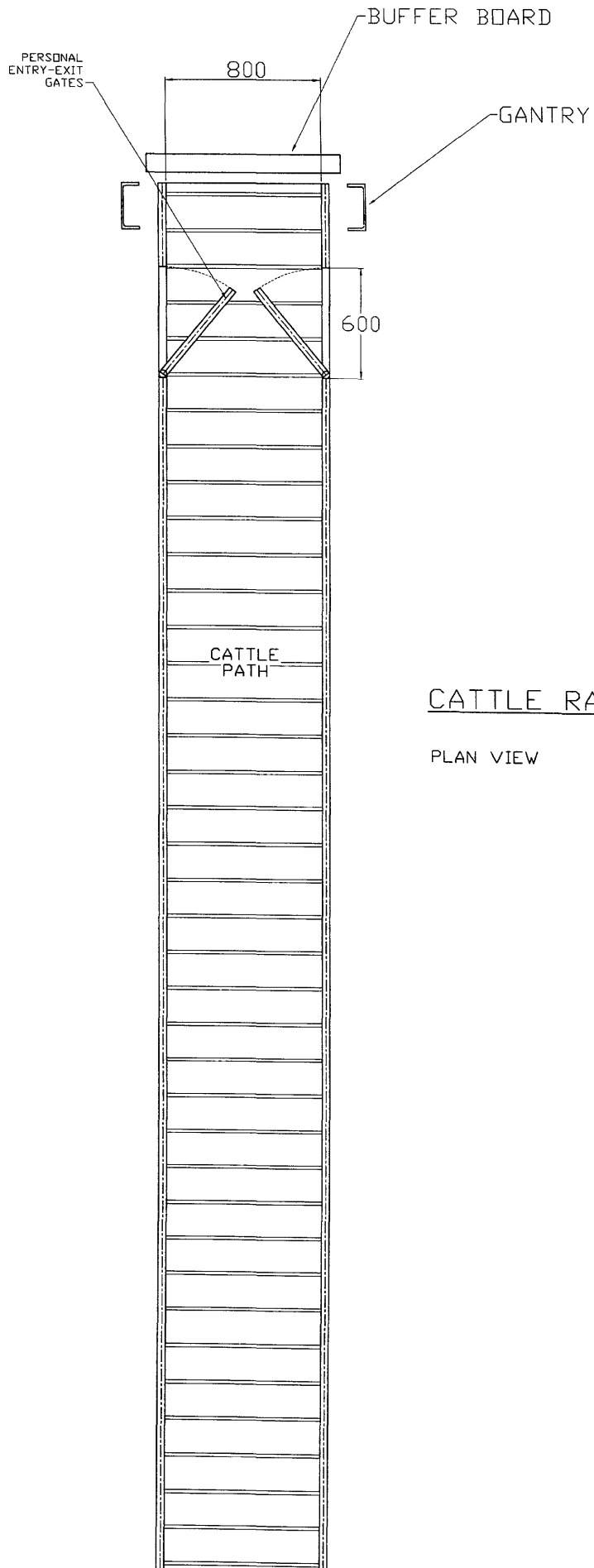
CATTLE LEAD UP DRIVERS SIDE ELEVATION





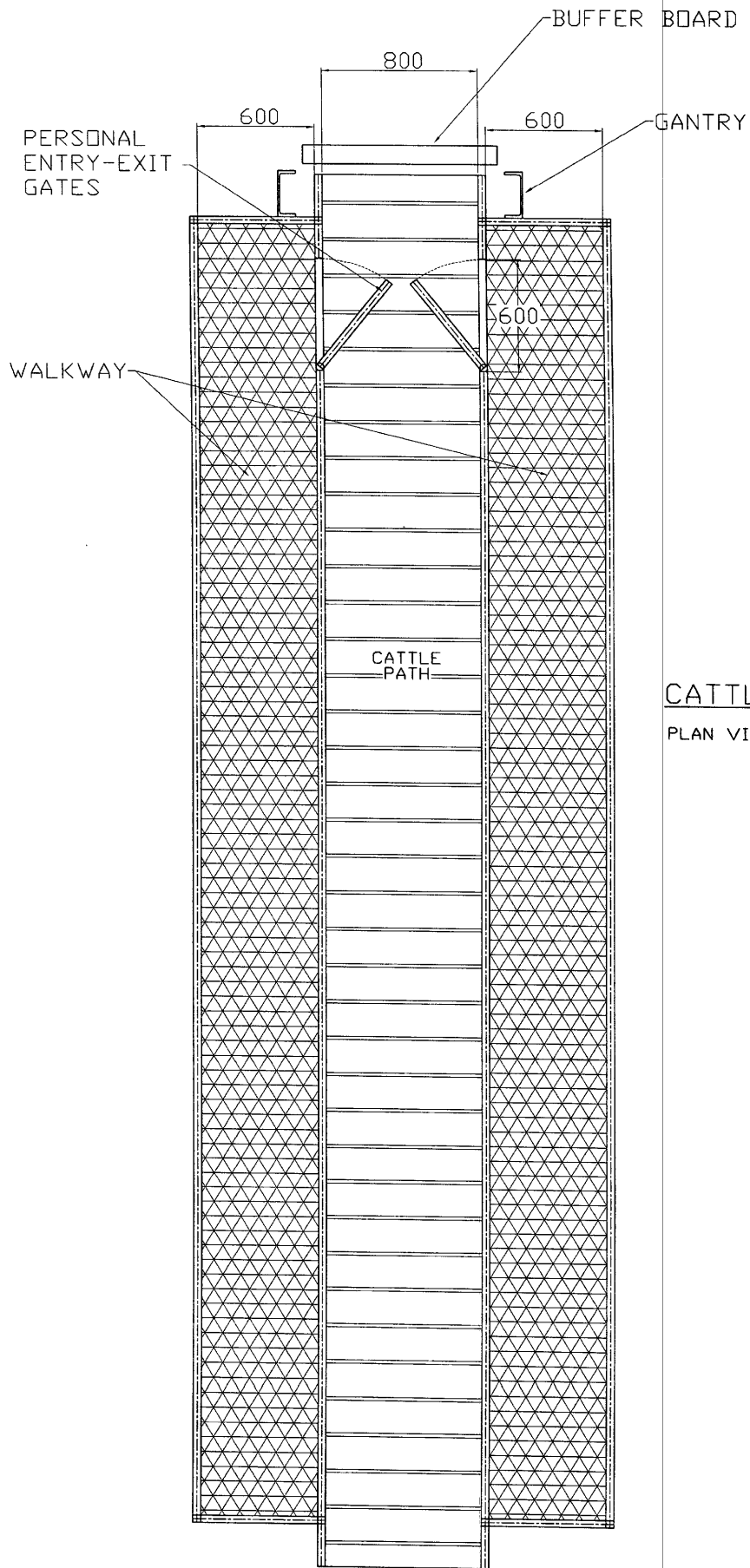
CATTLE LEAD UP





CATTLE RAMP LESS WALKWAY

PLAN VIEW



CATTLE RAMP

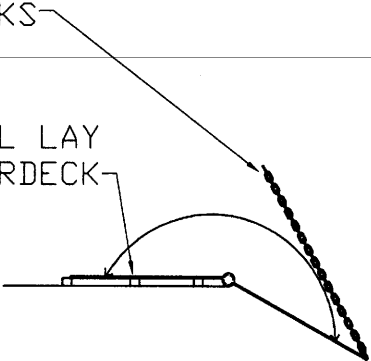
PLAN VIEW

TELESCOPING FLAP DETAIL

CHAIN TO WAIST HEIGHT TO
FLIP FLAP OUT FOR TRUCKS

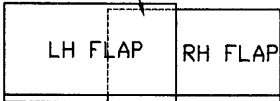
SIDE ELEVATION

FLAP WILL LAY
FLAT ON FLOORDECK



PLAN VIEW

OVER LAPPING
CHECKER PLATE
TELESCOPING FLAP



CHAIN RHS

ADJUSTABLE - FULL RAMP WIDTH TO 600MM

TRUCK END ELEVATION

LHS FLAP SITS
ON TOP OF RHS FLAP

CHAIN ON RHS FLAP

HINGE ROD

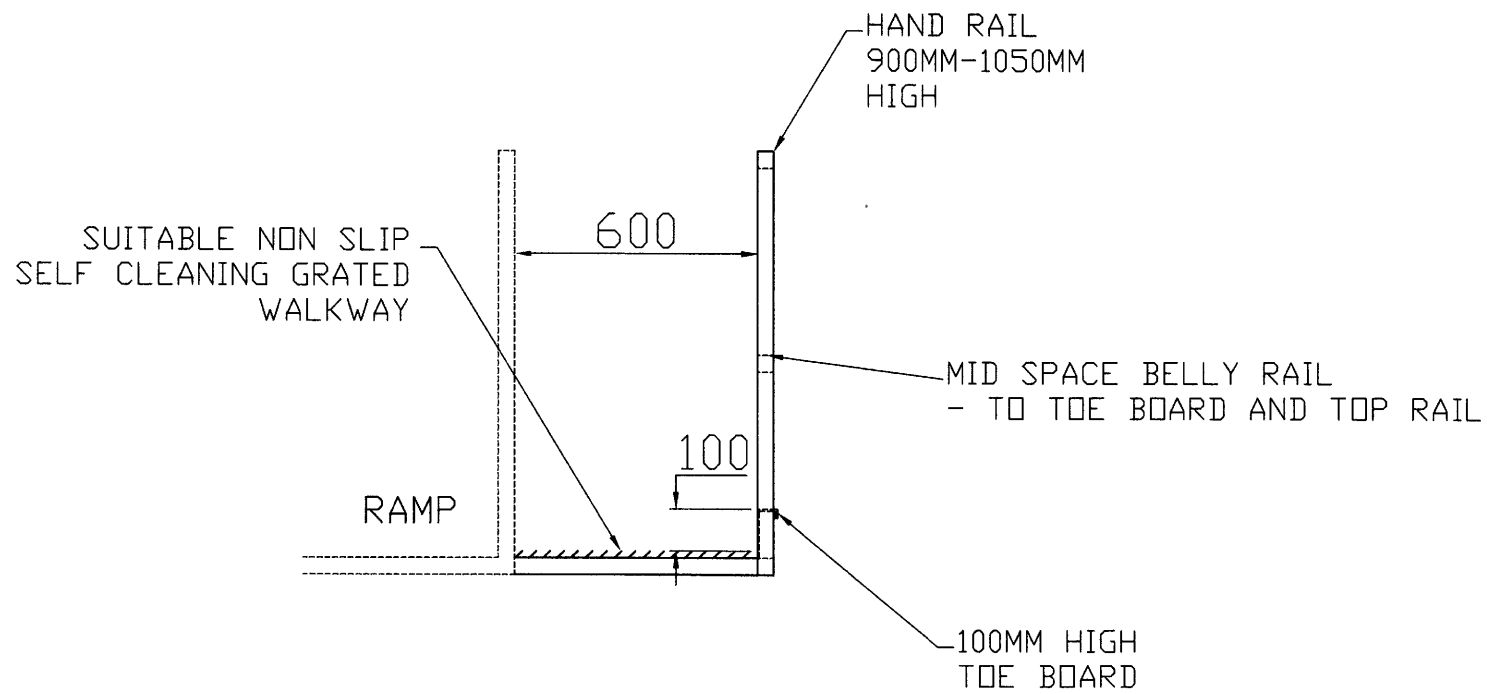
CHS TO SLEEVE HINGE BAR

MINIMUM OVERLAP 100MM
WIDE AT FULL WIDTH



DETAIL WALKWAY

END ELEVATION

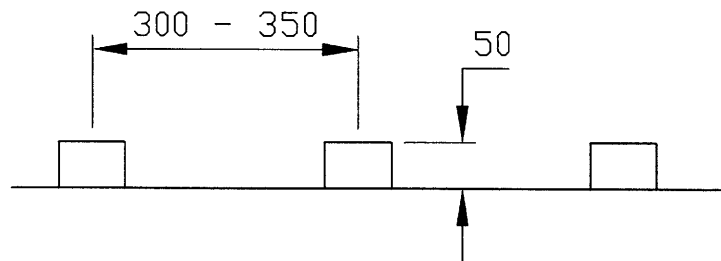


FLOORING DETAIL

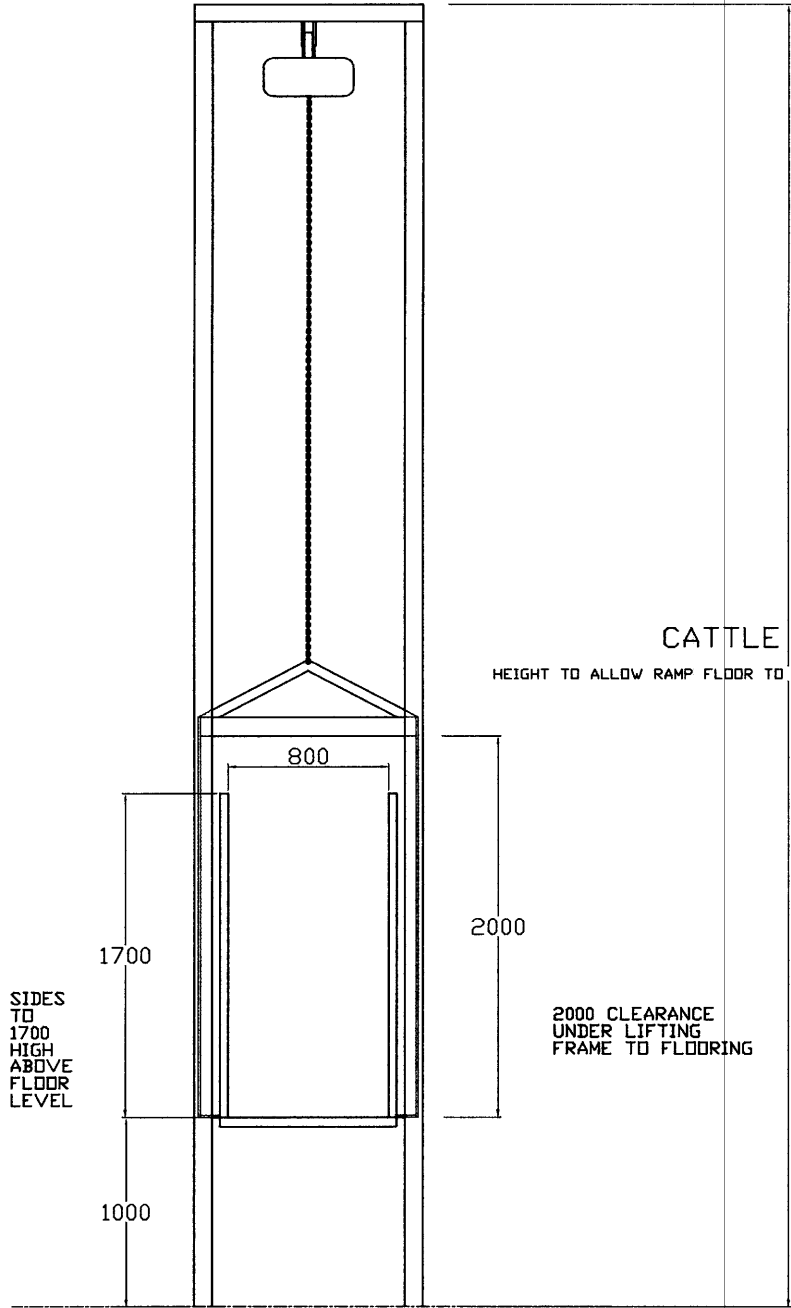
CATTLERAMP FLOORING

- MINIMUM 3.0 MM BASE METAL THICKNESS FLOOR AND FULLY GALVANISED

SIDE ELEVATION



PROFILE OF FLOORING
-BY EITHER PRESSING
FLOORING OR CROSS WELDING
OF SHS SECTION



CATTLE GANTRY

HEIGHT TO ALLOW RAMP FLOOR TO LIFT TO 2800 ABOVE ROAD LEVEL

800

1700

SIDES TO 1700 HIGH ABOVE FLOOR LEVEL

2000

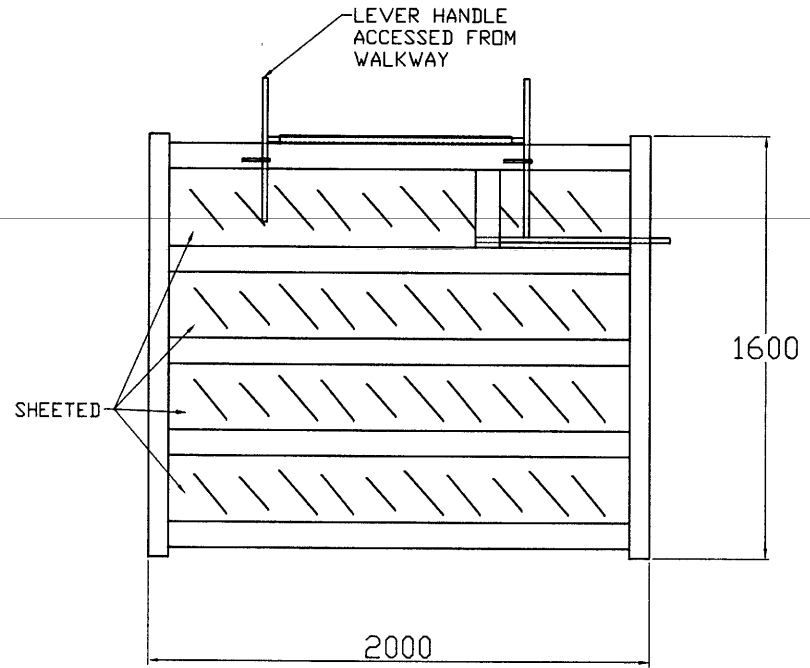
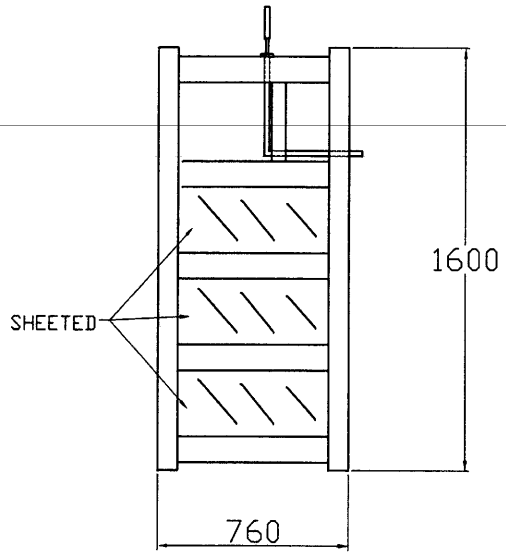
2000 CLEARANCE UNDER LIFTING FRAME TO FLOORING

1000

CATTLE

RACE GATE

THROW GATE



GATE CATCH

