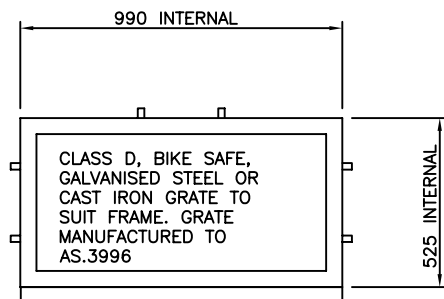
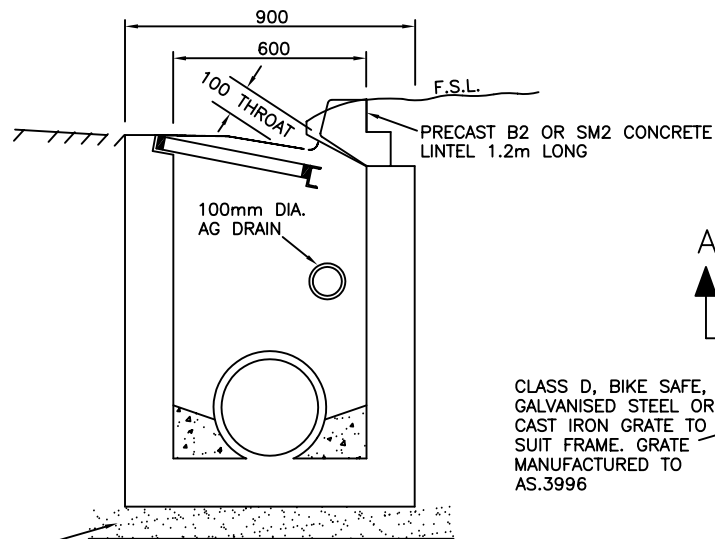


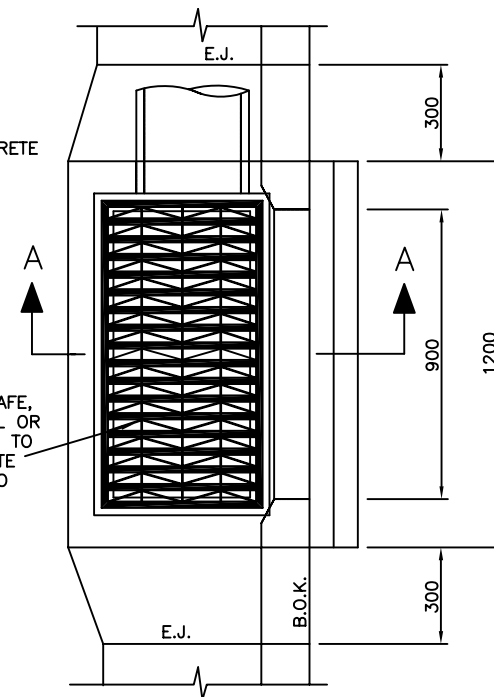
SECTION THROUGH GRATE



GRATE FRAME



SECTION A-A



PLAN

RESTRICTED USE ONLY.
THIS IS ONLY TO BE USED IN SPECIAL CASES.
GENERALLY ONLY USED FOR RECONSTRUCTION WORKS

NOTES:

- ALL WALLS TO BE 150mm THICK.
- PIT TO BE HAUNCHED FOR PIPE DIAMETER OVER 450mm OR DEPTH EXCEEDING 2.0m, REFER TO STD. DWG. SD245
- SHAPE PIT INVERT TO ONE THIRD OUTLET PIPE DIAMETER.
- GRATE FRAME SHALL BE CONSTRUCTED FROM 65x50x8 MS ANGLE. EACH CORNER SHALL BE WELDED ON UNDERSIDE OF HORIZONTAL LEG AND ON INSIDE OF VERTICAL LEG WITH SIZE 5 FILLET WELD. FRAME TO BE WELDED TO 100x50 10kg/m TF CHANNEL. GRATE UNITS SHALL BE GALVANISED STEEL OR CAST IRON, BIKE SAFE, CLASS D UNITS MANUFACTURED TO AS 3996. FRAME SHALL BE HOT DIP GALVANIZED.
- CHANNEL INVERT TO BE DROPPED 70mm OVER A DISTANCE OF 600mm FROM BOTH SIDES OF THE PIT.
- PROVIDE STEP IRONS FOR PIT DEPTHS EXCEEDING 1.0m, REFER TO STD. DRAWING No. SD280.
- CONCRETE STRENGTH 25MPa AT 28 DAYS.
- ALL DIMENSIONS IN MILLIMETRES
- EXPANSION JOINTS TO BE INSTALLED EITHER SIDE OF GRATED PIT WITH 3 No. 450mm LONG R16 BARS GREASED OR SLEEVED ONE END.

Amendments				
No.	Zone	Detail	Initials	Date
1.		NOTE No.9 ADDED	R.C.	JAN 05

DRAWN : D. SALAZAR
 CHECKED : R. CHARTERS
 APPROVED : S. PLATER
 SCALE : NDTs
 DATE : JUNE 2004



PO Box 119
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 Broadmeadows
 Victoria 3047
 Telephone
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TYPE : GRATED SIDE ENTRY PIT
 B2 OR SM2 KERB AND CHANNEL

DRAWING NO: SD220