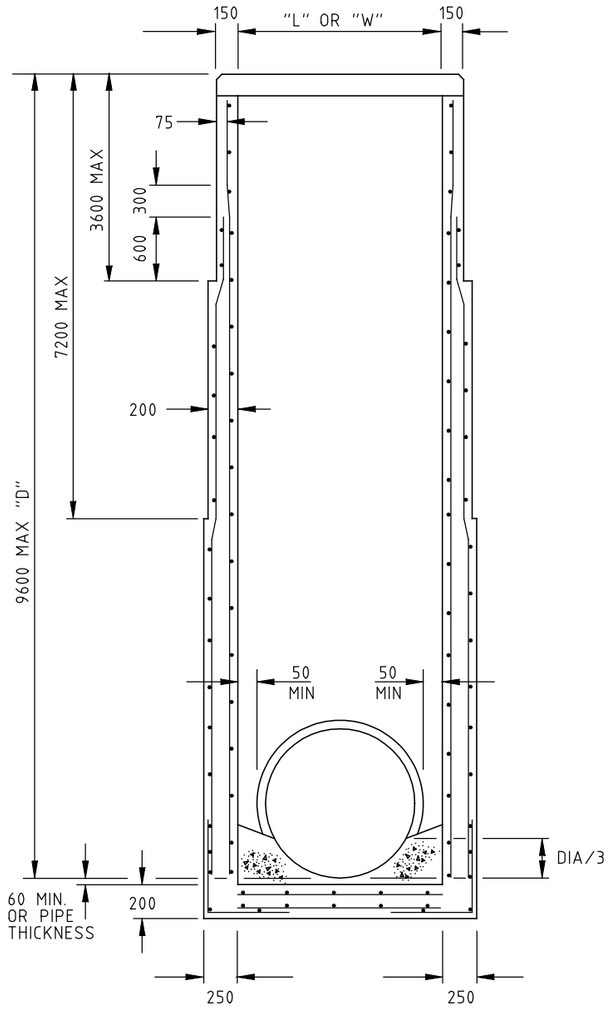
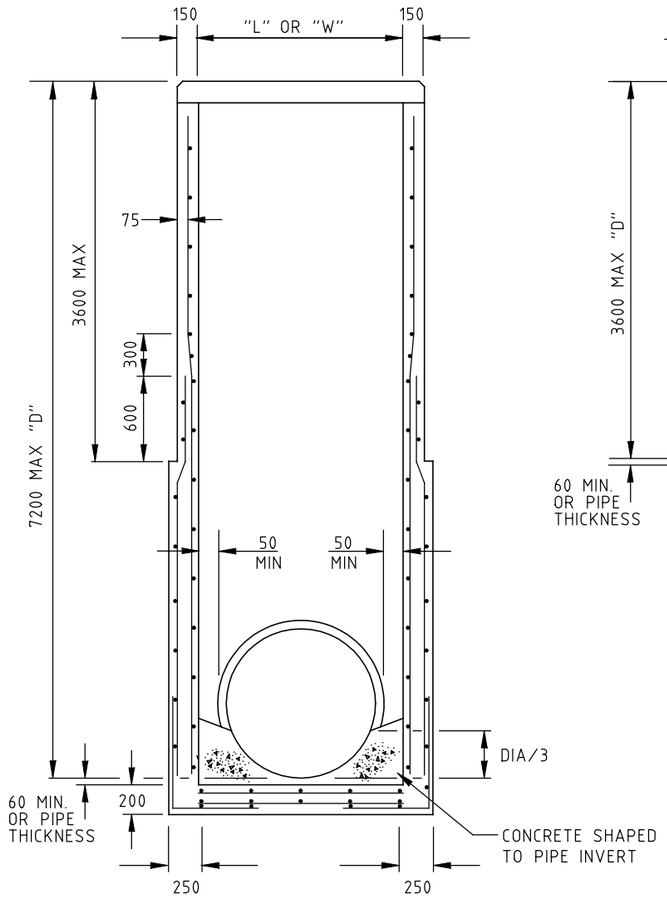
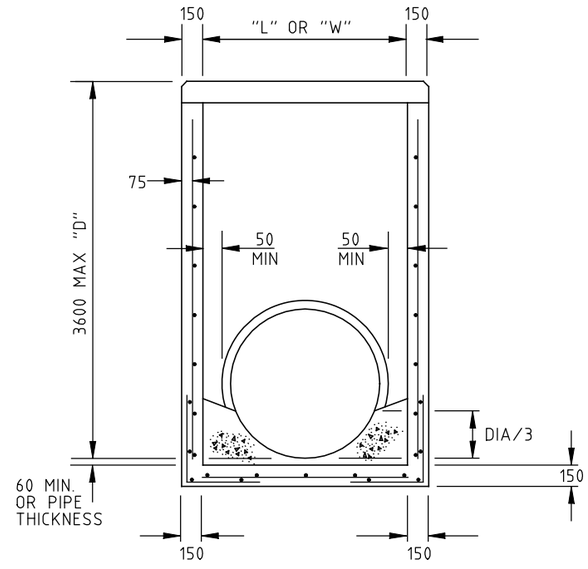


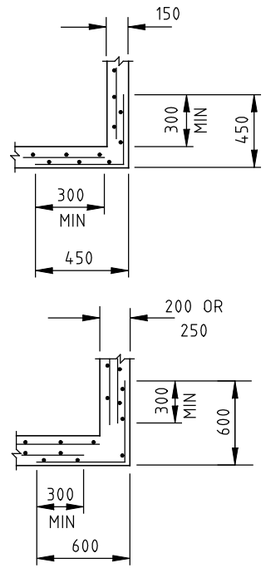
PITS 7201 TO 9600 DEPTH



PITS 3601 TO 7200 DEPTH



PITS UP TO 3600 DEPTH



CORNER DETAILS

PLAN VIEW

NOTES:

1. MINIMUM PIT SIZES:

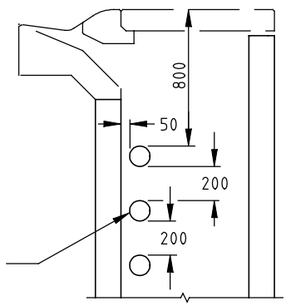
DEPTH	INTERNAL DIMENSIONS	
	PITS IN TRAFFIC LANES	PITS IN OTHER LOCATIONS
0 - 1200	750 x 750	750 x 750
1201 UPWARDS	750 x 750	750 x 1000

2. FOR PIPES OVER 450 DIA, HAUNCHING MAY BE REQUIRED. REFER SD 1021.
3. FOR DETAILS OF SPECIFIC PITS, REFER TO PIT SCHEDULE.
4. PIT REINFORCEMENT DETAILS ARE SHOWN IN TABLE. FABRIC IN SHAFT SHALL HAVE THE MAIN BARS POSITIONED HORIZONTALLY. LAPS TO BE 300 MIN. CLEAR COVER TO BE 50 MIN. CORNER RETURN REINFORCEMENT MAY BE FABRIC OR EQUIVALENT BARS. BARS GRADE 400Y & FABRICS TO COMPLY WITH AS/NZS 4671 CONCRETE SHALL BE NORMAL-CLASS N32 STANDARD STRENGTH GRADE OR HIGHER COMPLYING WITH THE REQUIREMENTS OF AS 1379. EXPOSURE CLASSIFICATIONS UP TO AND INCLUDING B1.
5. PITS DEEPER THAN 1000 SHALL BE FITTED WITH STEP IRONS, REFER SD 1041.
6. FOR TOP OF PIT DETAILS, REFER TO PIT SCHEDULE AND RELEVANT STANDARD DRAWINGS.
7. PRECAST UNITS MAY BE CONSTRUCTED TO THE MANUFACTURER'S DETAILS. DESIGN SHALL COMPLY WITH THE AS 5100 BRIDGE DESIGN AND THE FOLLOWING ADDITIONAL REQUIREMENTS :
   - COMBINED FACTORED LATERAL PRESSURE AT ANY POINT AT THE ULTIMATE LIMIT STATE SHALL BE NOT LESS THAN 25 kPa.
   - ADEQUATE DRAINAGE SHALL BE PROVIDED TO PIT WALLS TO AVOID HYDROSTATIC PRESSURE.
   - VERTICAL LOAD 210 kN APPLIED ANYWHERE ON PIT.
   - MINIMUM REINFORCEMENT AREA SHALL BE 150 mm²/m.
   - CONCRETE SHALL BE NORMAL-CLASS N32 STANDARD STRENGTH GRADE OR HIGHER COMPLYING WITH THE REQUIREMENTS OF AS 1379. EXPOSURE CLASSIFICATIONS UP TO AND INCLUDING B1.
8. SUBSURFACE DRAIN HOLES TO BE SEALED IF NOT USED.

REINFORCEMENT DETAILS

PIT LENGTH "L"	REINFORCEMENT
UP TO 1200	F92
1201 TO 1800	F918
1801 TO 2400	F1218

FORM THREE 120 DIA HOLES IN SIDE WALLS TO ACCOMMODATE PAVEMENT DRAINS IN BOTH SIDES.



PRECAST PIT

ISSUE	APP'D	DATE	AMENDMENT
E			
D	J.K.	1/7/05	AS 1302 & 1304 SUPERSEDED BY AS/NZS 4671. AUSTRALIAN BRIDGE CODE 1996 SUPERSEDED BY AS 5100 BRIDGE CODE
C	J.B.	1/9/01	BRIDGE DESIGN CODE RENAMED
B	J. C.	1/2/98	AMENDMENTS TO NOTES 4 & 7 CONCRETE STRENGTH GRADES
A	J. C.	9/94	AMENDMENTS TO NOTES 4, 7 & 8, GENERAL NOTE 5, INVERT DEPTH.

GENERAL NOTES

1. PIT DIMENSIONING AND SETTING OUT DETAILS — SD 1001
2. HAUNCHED PITS — SD 1021
3. STEP IRONS — SD 1041
4. PIT COVERS — SD 1051
5. ALL DIMENSIONS ARE IN MILLIMETRES

DESIGNED PRINCIPAL ROAD DESIGN ENGINEER

APPROVED 16.9.94

CATALOG PRED
PROJECT sddgnnew
FILENAME sd-1011d.dgn

vicroads design
ENGINEERING & TECHNOLOGY CONSULTANTS
3 PROSPECT HILL ROAD, CAMBERWELL, VICTORIA, 3124
PHONE NO. (03) 9811 8355
FAX NO. (03) 9811 8329

SCALE HOR NOT TO SCALE
OF
METRES VER

STANDARD DRAWING

UNHAUNCHED PITS

FILE NO.	CONTRACT NO.	SHEET NO.	DRAWING NO.	ISSUE
			SD 1011	D

sd-1011d.dgn 11:58.08 AM 30/03/2006