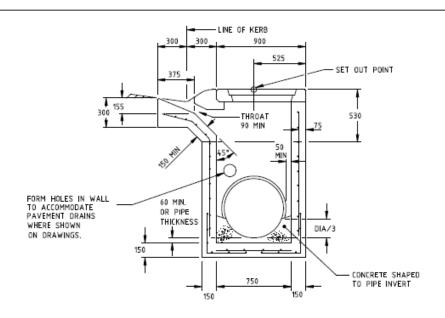


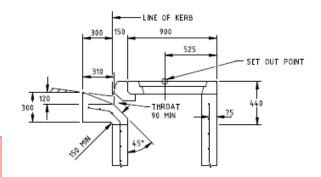
NOTES:

- HAUNCHING MAY BE REQUIRED FOR PIPES OVER 450 DIA, REFER TO PIT SCHEDULE FOR SIZES OF SPECIFIC PITS, PITS WITH HAUNCHING IN TWO DIRECTIONS REQUIRE SPECIAL STRUCTURAL DESIGN.
- PIT REINFORCEMENT F92 FABRIC. 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/MZS 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.
- 3. PITS DEEPER THAN 1000 SHALL BE FITTED WITH STEP IRONS. REFER SD 1041.
- 4. CONCRETE FRAMES TO BE SET ON 5 mm OF MORTAR.
- PRECAST UNITS MAY BE CONSTRUCTED TO THE MANUFACTURER'S DETAILS. THE 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 kPg.
 - 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 mm 2/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.
- IN AREAS SUBJECT TO TRUCK LOADING, USE HEAVY DUTY COVER IN DRAWINGS NO. SD 1271 OR SD 1272 AS APPROPIATE.

DISCLAIMER (APRIL '23): THIS DRAWING IS IN THE PROCESS OF BEING UPDATED. FOR ALL STRUCTURAL REQUIREMENTS REFER BRIDGE TECHNICAL NOTE (BTN) 033: STRUCTURAL REQUIREMENTS FOR REINFORCED CONCRETE DRAINAGE PITS. GEOMETRIC DIMENSIONS SHOWN ON THIS DRAWING MAY BE USED AS A GUIDE AND MODIFIED WHERE NECESSARY TO ACHIEVE COMPIANCE.



SECTION B-B PIT TYPE SM (SM TYPE KERB)



SECTION B-B
PIT TYPE B
(B TYPE KERB)

	Е			GENERAL NOTES	DESIGNED	PRINCIPAL ROAD		S PROSPECT ML ROAD,		STANDA	RD DRAW	NG
E	D			1. STANDARD PITS DIMENSIONING & SETTING OUT DETAILS SD 1001 2. UNHAUNCHED PITS SD 1011		DESIGN ENGINEER			SIDE ENTRY PIT			
88	C	J.K. 1/7/05	AS 1902 & 1904 SUPERSEDED BY AS/MES 4674 AUSTRALIAN BRIDGE CODE 1996 SUPERSEDED BY AS 5100 BRIDGE CODE	3. HAUNCHED PITS SD 1021	- 0	vicroads design	THE SECOND SECOND					
5.8	В	J. C. 1/2/98	AMENDMENT TO NOTES 2 & 5, CONCRETE STRENGTH GRADES.	4. STEP IRONS SD 1041 5. PIT COVERS SD 1051				CONCRE	TE COVER	- ONE	METRE INLET	
25	Α	J. C. 1/9/94	SET OUT POINT, COVER, INVEST DEPTH, NOTES 2, 4, 5 & 6, GENERAL NOTE 7, PIT TYPE DESIGNATION.	6. LINTELS SD 1061		PRED sddgnnew	SCALE HOR	NOT TO SCALE	FLE NO.	CONTRACT NO.	SHEET NO.	DRAWING NO. ISSUE
Ξž	SSUE	APP'D DATE	AMENDMENT	7. ALL DIMENSIONS ARE IN MILLIMETRES		sd-1301c.dgn	METRES VER					SD 1301 C