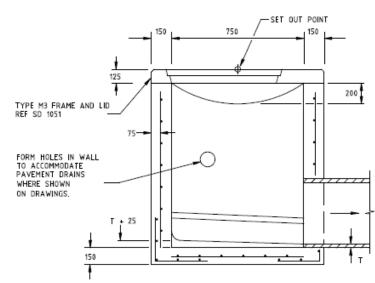


DISCLAIMER (APRIL '23): THIS DRAWING IS IN THE PROCESS OF BEING UPDATED. FOR ALL STRUCTURAL REQUIREMENTS REFER BRIDGE TECHNICAL NOTE (BTN) 033: STRUCTURAL REQUIREMENTS FOR REINFORCED CONCRETE DRAINAGE PITS.
GEOMETRIC DIMENSIONS SHOWN ON THIS DRAWING MAY BE USED AS A GUIDE AND MODIFIED WHERE NECESSARY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



## SECTION A-A

## NOTES:

- 1. PIT SIZE: 750 x 1000 (INTERNAL DIMENSIONS).
- 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/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.
- PITS DEEPER THAN 1000 SHALL BE FITTED WITH STEP IRONS. REFER SD 1041.
- 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 kPα.
  - 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 ∗/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.
- 5. CONCRETE FRAMES TO BE SET ON 5 mm OF MORTAR.

	E		$\perp$		GENERAL HOTES  1. PIT DIMENSIONING & SETTING OUT DETAILS  SD 1		PRINCIPAL ROAD		S PROSPECT HILL ROAD,	STANDARD DRAWING
á	C	J.K. 1/7		S THOS & THOS SUPERSCRED BY AS/NES AST. USTRALLAW DRIDGE CODE 1994 SUPERSCRIPED BY AS 5100 BRIDGE CODE	2. UNHAUNCHED PITS SD	011 AF	DESIGN ENGINEER PROVED 16.9.94		CAMPENDELL VICTORIA, SEEA PHOSE NO. 1010 FBY 8150	END ENTRY PIT
58	В	J. C. 1/2		MENDMENT TO NOTES 2 & 4, CONCRETE STRENGTH GRADES	3. STEP IRONS SD 1 4. PIT COVERS SD 1	051	I lummylan.	DESCRIPCE & TROPPLOTY CONTACTANTS	FAX NO. (CIQ INTI CICS	END ENTRY TH
244C	Α	J. C. 1/9		OTES 2 , 4 & 5, GENERAL NOTE 5, COVERS, SECTION A-A.	5. ALL DIMENSIONS ARE IN MLLIMETRES	CA	TALOG PRED DJECT Sddgnnew	SCALE HOR OF	NOT TO SCALE	TILE NO. CONTRACT NO. SHEET NO. DECEMBED NO. 1550C
28	SSUE	APP'D DA	ATE .	AMENDMENT		FL	ENAME sd-1141c.dgn	METRES VER		SD 1141 C