

























## **NOTES**

- 1. CONCRETE TO BE 25MPa AT 28 DAYS.
- 2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE
- 3. WHERE DEPTH OF PIT EXCEEDS 1500, WALLS AND BOTTOM TO BE REINFORCED IN ALL DIRECTIONS WITH SL82 MESH AT 40 COVER TO INSIDE FACE WITH N12 CORNER BARS 300 LEGS AT 400 CENTRES. PITS DEEPER THAN 2000 SHALL BE DESIGNED AND THE CONSTRUCTION CERTIFIED BY A PROFESSIONAL STRUCTURAL ENGINEER.
- 4. TRIMMER BARS TO BE PROVIDED AROUND PIPES GREATER THAN 750 DIAMETER (SEE SD2003).
- 5. SAG PITS TO HAVE LINTEL LOCATED CENTRALLY OVER PIT.
- 6. BACKFILL ADJACENT TO PITS TO BE APPROVED GRANULAR MATERIAL.
- 7. A 3000 LENGTH OF APPROVED "FILTER FABRIC" WRAPPED 100 DIA SUB-SOIL DRAIN IS TO BE PROVIDED AND CONNECTED THROUGH THE UPSTREAM PIT WALL AT THE INVERT LEVEL OF THE UPSTREAM PIPE.
- 8. PIT GRATE AND FRAME TO BE "WELDLOK" GG51-D GULLY GRATE WITH SKIRTED BASE OR EQUIVALENT FOR ALL ROADS, FITTED WITH A LOCKABLE "J" BOLT OR EQUIVALENT. FOR SAG PITS, USE WELDLOK GG SB 94 SD GULLY GRATE OR EQUIVALENT.
- 9. APPROVED STEP IRONS SHALL BE PROVIDED WHERE THE PIT EXCEEDS 1000 IN DEPTH. THEY SHALL BE LOCATED AS DIRECTED AND STAGGERED TO GIVE 300 SPACING VERTICALLY AND 300 SPACING HORIZONTALLY.
- 10. THE CENTRE LINES OF INTERSECTING PIPES ARE TO MEET AT THE DOWNSTREAM FACE OF THE PIT WHERE POSSIBLE.
- 11. WHERE ENTERING PIPE EXCEEDS 450 IN DIAMETER, PIT CHAMBER TO BE EXTENDED AS PER SECTION B-B 'EXTENDED PIT CHAMBER'.
- 12. FLOOR OF PIT TO BE BENCHED TO MID POINT OF OUTLET PIPE WHERE OUTLET PIPE GREATER THAN 600 DIAMETER.
- 13. WHERE EXTENDED CHAMBER WIDTH EXCEEDS 1200, ROOF REINFORCEMENT TO BE DESIGNED BY A PROFESSIONAL STRUCTURAL ENGINEER.
- 14. CONTRACTOR TO ENSURE CLEARANCE BETWEEN LINTEL AND OPENED GRATE. REFER DIAGRAM 1.
- 15. WHERE DEPTH OF PIT IS GREATER THAN 1200, INTERNAL WIDTH OF PIT TO BE INCREASED TO 900x900 FOR FULL DEPTH BELOW PAVEMENT.
- 16. LIFTING LUGS TO BE FILLED AFTER INSTALLATION.

DRAWN:
M.WARDA

KERB INLET PIT
PENRITH
CITY COUNCIL

KERB INLET PIT
SHEET 3 OF 3

SD2001/3

DO NOT SCALE FROM DRAWINGS,	NORTH POINT	NOTES	ISSUE AMENDMENT	DATE PROJECT	CLIENT	CONSULTANT	TITLE
CHECK & VERIFY ALL		1. REFER TO DRAWING DA-STW-002 FOR DRAWING LIST.	A DEVELOPMENT APPLICATION B DEVELOPMENT APPLICATION	31.10.2017 SOMERSET PRIVATE	DPA HEALTH PTY. LTD.		STORMWATER DRAINAGE
DIMENSIONS & LEVELS BEFORE COMMENCEMENT OF ANY WORK.		2. CONTRACTOR TO CHECK AND CONFIRM ALL LEVELS ON SITE.	C DEVELOPMENT APPLICATION RESUBMISSION	16.03.2018 HOSPITAL	ARCHITECT		DETAIL SHEET
ogin Nan		3. CONTRACTOR TO INVESTIGATE ALL EXISTING SERVICES, SUCH AS		29-31 DERBY ST, AND	BUREAU SRH	LP CONSULTING	
THIS DRAWING IS NOT TO BE COPIED IN PART OR WHOLE		APPLY FOR "DIAL BEFORE YOU DIG" SERVICES PRIOR TO START OF WORKS ON SITE.		38 SOMERSET ST,	ARCHITECTS	AUSTRALIA PTY LTD	
WITHOUT WRITTEN PERMISSION				KINGSWOOD, NSW, 2747	STUDIO 3, 2 VERONA ST,		DATE Mar 16, 2018 DRAWING No. ISSUE
AUSTRALIA PTY LTD					PADDINGTON, NSW, 2021	A: Suite 2, Level 8, 15 Castlereagh Street Sydney NSW Australia 2000	DA-STW-201 C
Plot Date: 1	SHEET SIZE: A1					P: PO Box 814 Kensington NSW 1465 T: +61 (2) 9223 4444 E: info@lp-consulting.com.au W: www.lp-consulting.com.au	2017-1224 DEVELOPMENT APPLICATION