### DOCUMENTATION OF STORMWATER CONCEPT DESIGN

# NEW SCHOOL FACILITIES AT ARDEN ANGLICAN SCHOOL

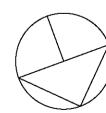
### 50 OXFORD STREET EPPING NSW

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STORMWATER DRAWING LIST					
Sheet Number	Sheet Name				
SW.1	STORMWATER CONCEPT DESIGN COVER SHEET				
SW.2	STORMWATER CATCHMENT PLAN - EXISTING SITE				
SW.3	STORMWATER CATCHMENT PLAN - PROPOSED				
SW.10	STORMWATER CONCEPT PLAN SHEET 1				
SW.11	STORMWATER CONCEPT PLAN SHEET 2				
SW.100	SECTIONS				





LOCALITY PLAN

### REFERENCE DOCUMENTS 1. SURVEY DRAWING PREPARED BY:

- RPS AUSTRALIA EAST PTY LTD Ph. 02 9248 9800 JOB No. PR131742 ISSUE B DATED: 01.11.2016
- 2. GEOTECHNICAL ENG. REPORT BY: DOUGLAS PARTNERS
  Ph. 02 9809 0666
  PROJECT No. 85787.00
  DOCUMENT No. R.001.REV0
  DATED: 25.01.2017
- 3. ARCHITECTURAL DRAWINGS BY: STANTON DAHL Ph. +61 2 8876 5300 Project No. 1851.15
- 4. ARCHITECTURAL LANDSCAPE DRAWINGS BY:
  TYRELLSTUDIO
  Ph. 0282839623
  Project No. 1613

#### STORMWATER NOTES

- SW1. STORMWATER DRAINS TO BE RUN TO SUIT THE LOCAL SEWERAGE AND DRAINAGE BOARD, FROM THE STORMWATER DRAINS WITH PIPES AND FITTINGS SET NOT LESS THAN MINIMUM FALLS RECOMMENDED BY THE GOVERNING AUTHORITY, WITH MATERIALS AND LEVELS SHOWN ON THE DRAWINGS AND IN THE SPECIFICATION.
- SW2. ALL PIPES SHALL BE UPVC 100mm DIAMETER U.N.O. IN ACCORDANCE WITH AS3500.3 NATIONAL PLUMBING AND DRAINAGE CODE, PART 3: STORMWATER
- SW3. ALL PIPES TO BE UPVC OR CONCRETE AS NOTED AND IN ACCORDANCE WITH AS3500.3 NATIONAL PLUMBING AND DRAINAGE CODE, PART 3: STORMWATER DRAINAGE.
- SW4. ALL UPVC PIPES TO BE INSTALLED IN ACCORDANCE WITH AUSTRALIAN STANDARD AS2032.
- SW5. ALL PIPES SHALL BE LAID AT A MINIMUM GRADE OF 1 IN 100 U.N.O.
- SW6. ARROWS INDICATE THE DIRECTION OF GRADE. SW7. ALL FOOTPATH AND DRIVEWAY CROSSINGS SHALL BE
- TO LOCAL COUNCIL REQUIREMENTS.

  SW8. ALL LEVELS ARE APPROXIMATE ONLY AND SHALL
- BE CONFIRMED PRIOR TO CONSTRUCTION.

  SW9. ALL EXISTING LEVELS ARE SHOWN AS A SPOT LEVEL OR A CONTOUR WITHOUT ANY PREFIX OR
  - LEVEL DESCRIPTIONS ARE AS FOLLOWS; FL - FLOOR LEVEL
- SL SURFACE LEVEL IL - INVERT LEVEL

NON-PRESSURE).

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD) U.N.O.
- SW10. MINIMUM COVER TO UPVC STORMWATER PIPES
  SHALL BE; TRAFFICABLE AREAS 450 mm
  LANDSCAPE AREAS 300 mm
  COVER IS MEASURED VERTICALLY FROM THE TOP OF
  - THE PIPE TO THE FINISHED SURFACE LEVEL.
    PIPES TO BE PROTECTED BY CONCRETE
    ENCASEMENT TO ENGINEERS APPROVAL IF MINIMUM
- COVER CANNOT BE ACHIEVED.

  SW11. CONNECTION OF UPVC TO PRECAST PITS TO BE BY
  TREATING THE PIPE WITH PVC GLUE AND SEAL WITH A
- 3:1 SAND CEMENT MORTAR.

  SW12. ALL CONCRETE PIPES AND ASSOCIATED ELEMENTS
  SHALL BE MANUFACTURED AND PROVIDED WITH A
  STRENGTH CLASSIFICATION IN ACCORDANCE WITH
  AS4058, PRECAST CONCRETE PIPES (PRESSURE AND
- SW13. ALL CONCRETE PIPES AND ASSOCIATED ELEMENTS SHALL BE INSTALLED IN ACCORDANCE WITH AS3725, LOADS ON BURIED CONCRETE PIERS AND AS3500.3 NATIONAL PLUMBING AND DRAINAGE CODE, PART 3: STORMWATER DRAINAGE.
- SW14. "K" ON PLAN DENOTES KERB AS DETAILED WITH "T.O.K" DENOTING LEVEL FOR TOP OF KERB FOR DATUM INDICATED.
- SW15. PITS SHALL BE OF A SIZE AS SHOWN OR NOTED WITH GALVANISED GRATED COVERS OR AN APPROVED EQUIVALENT. ALL PITS IN BARKED OR WOODCHIP LANDSCAPED AREAS SHALL HAVE COVERS OR STANDARD COVERS MODIFIED TO ENSURE DEBRIS DOES NOT ENTER STORMWATER SYSTEM.

### REFERENCE DOCUMENTS

- SURVEY DRAWING PREPARED BY: RPS AUSTRALIA EAST PTY LTD Ph. 02 9248 9800 JOB No. PR131742 ISSUE B DATED: 14.11.2016
- GEOTECHNICAL ENG. REPORT BY:

Ph. -REPORT No. -DATED: -

ARCHITECTURAL DRAWINGS BY: STANTON DAHL Ph. +61 2 8876 5300 Project No. 1851.15

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JS	R.Y.	ISSUED FOR INFORMATION	25.01.17	В			
JS	R.Y.	ISSUED FOR INFORMATION	21.12.16	Α			
BY	CHKD	DESCRIPTION	DATE	RE			
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NEW SCHOOL FACILITIES
AT ARDEN ANGLICAN SCHOOL
50 OXFORD STREET EPPING N

## 50 OXFORD STREET EPPING NSW STORMWATER CONCEPT

**DESIGN COVER SHEET** 

	DESIGN RY	DRAWN HL	PROJEC	CT NO
	CHKD.	59 <sup>-</sup>	12	
	APPRD.		DRAWING NO.	R
<b>A1</b>	SCALE As indicated	DATE OCT 20	<b>SW.1</b>	

