DOCUMENTATION OF STORMWATER CONCEPT DESIGN

NEW SCHOOL FACILITIES AT ARDEN ANGLICAN SCHOOL

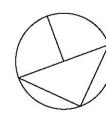
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| STORMWATER DRAWING LIST | | | | | |
|-------------------------|---|--|--|--|--|
| Sheet Number Sheet Name | | | | | |
| | | | | | |
| SW.1 | STORMWATER CONCEPT DESIGN COVER SHEET | | | | |
| SW.2 | STORMWATER CATCHMENT PLAN - EXISTING SITE | | |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









REFERENCE DOCUMENTS

- 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
- 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.
- 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

 DESCRIPTION
 - LEVEL DESCRIPTIONS ARE AS FOLLOWS; FL - FLOOR LEVEL SL - SURFACE LEVEL
 - IL INVERT LEVEL 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 NON-PRESSURE).
- 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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NEW SCHOOL FACILITIES
AT ARDEN ANGLICAN SCHOOL

50 OXFORD STREET EPPING NSW STORMWATER CONCEPT

DESIGN COVER SHEET

| | DESIGN RY | DRAWN | HL | PROJECT NO | |
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| | CHKD. | | 3 | 591 | 12 |
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| A1 | SCALE As indicated | DATE O | CT 2016 | SW.1 | (|

