

NOTES

1. THIS DRAWING IS DIAGRAMMATIC ONLY AND HAS BEEN PREPARED FOR THE PURPOSE OF INDICATING THE DESIGN INTENT AND SCOPE OF WORKS OF THE HYDRAULIC AND FIRE PROTECTION SERVICES INSTALLATION AND SHOULD NOT BE INTERPRETED AS BEING DEFINITIVE.

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THIS DRAWING HAS BEEN PREPARED IN CONJUNCTION WITH THE FOLLOWING DRAWINGS:

| | |
|-------------|-------------------------------|
| PROJECT NO. | 20150330-X |
| DATE | 26.10.16 |
| DRAWN BY | STUART DE NETT LAND SURVEYORS |
| CHECKED BY | 11025C |
| DATE | 22.06.15 |

0 10 20 30 40 50mm

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Client

CUZENO BUILDERS & DEVELOPERS

33 BERNARD ROAD

PADSTOW HEIGHTS, NSW 2211

Amendments

| | | |
|-----|------------|-------------------------|
| P1 | 16.02.2017 | DEVELOPMENT APPLICATION |
| No. | Date | Details |

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Project

160-178 STONEY CREEK ROAD

BEVERLY HILLS, NSW 2209

Drawing

STORMWATER SERVICES

EROSION & SEDIMENT

CONTROL PLAN

Status

PRELIMINARY ISSUE: NOT FOR CONSTRUCTION

Project No.

20150402

Drawing No.

C001

Revision:

P1

Drawn: JW

Date: FEBRUARY 2017

Design: NN

Scale: 1:200

Verified: AS

Size: A1

160-178 STONEY CREEK ROAD BEVERLY HILLS, NSW 2209



AJ Whipps Consulting Group

Where ingenuity flows

STORMWATER SERVICES

DRAWING SCHEDULE

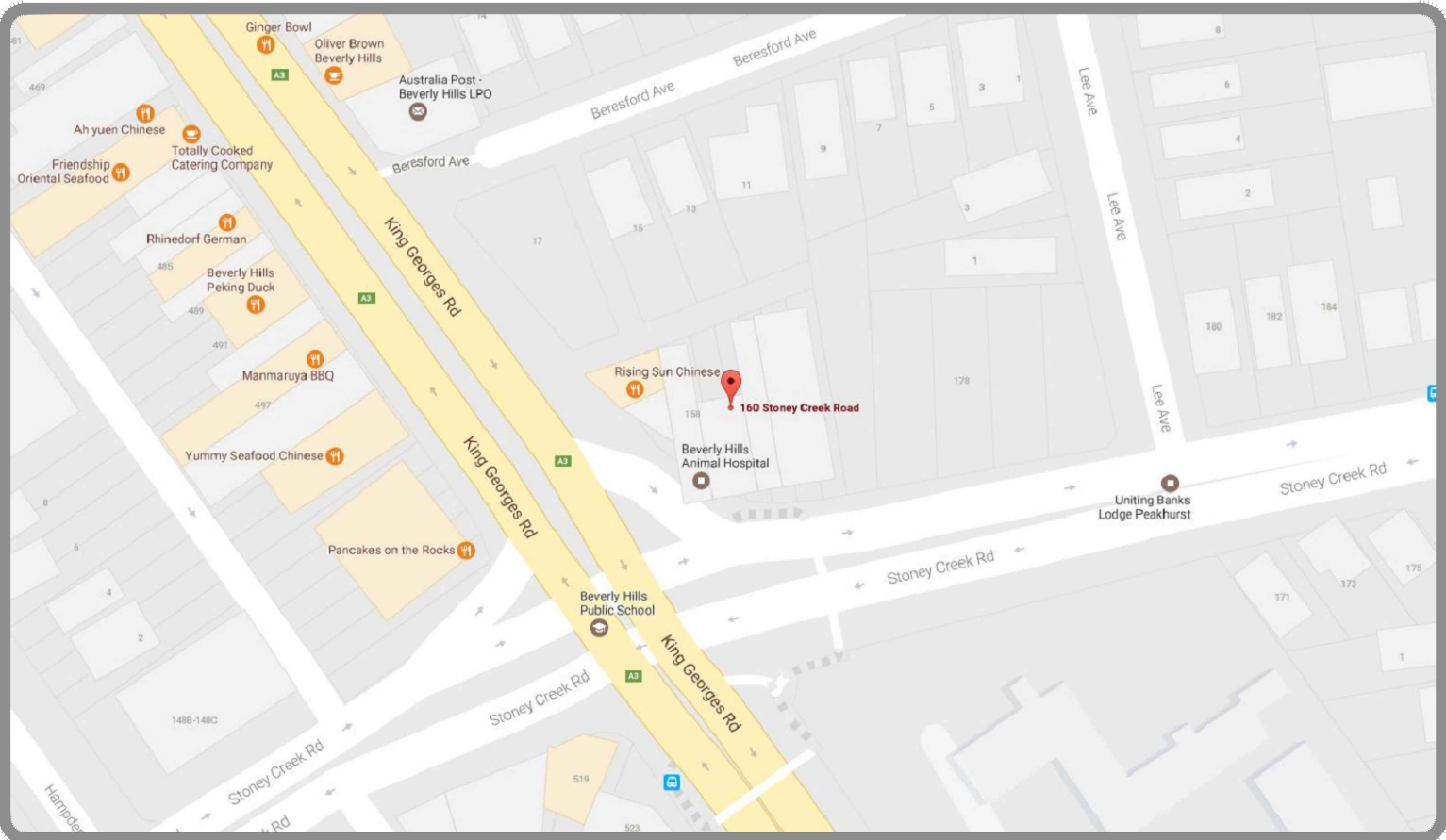
| | |
|------|--|
| C000 | COVER SHEET, LEGEND & DRAWING SCHEDULE |
| C001 | EROSION & SEDIMENT CONTROL PLAN |
| C002 | EROSION & SEDIMENT CONTROL DETAILS |

| | |
|------|------------------------|
| C101 | BASEMENT B3 FLOOR PLAN |
| C102 | BASEMENT B1 FLOOR PLAN |
| C103 | GROUND FLOOR PLAN |
| C104 | LEVEL 1 FLOOR PLAN |
| C105 | LEVEL 2 FLOOR PLAN |
| C106 | LEVEL 3 & 4 FLOOR PLAN |
| C107 | ROOF PLAN |

| | |
|------|---------------|
| C201 | DETAILS SHEET |
|------|---------------|

SPECIFICATION

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE AJ WHIPPS CONSULTING GROUP HYDRAULIC SERVICES CURRENT PROJECT SPECIFICATION



LOCALITY PLAN

NOT TO SCALE

GENERAL NOTES:

- THIS DRAWING IS DIAGRAMMATIC ONLY AND HAS BEEN PREPARED FOR THE PURPOSE OF INDICATING THE DESIGN INTENT AND SHOULD NOT BE INTERPRETED AS BEING DEFINITIVE.
- IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR PLUMBING SUBCONTRACTOR TO INVESTIGATE AND COORDINATE BEFORE AND DURING THE CONSTRUCTION PHASE ALL EXISTING SERVICES AND STRUCTURES WHICH WILL AFFECT THE INSTALLATION OF THESE SERVICES. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT CODES AND STANDARDS.
- REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSION SETOUT. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS.
- ALL EXISTING UNDERGROUND SERVICES INDICATED ON PLAN ARE BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN & ARE SHOWN IN ASSUMED LOCATIONS ONLY. INVESTIGATE & CONFIRM ALL RELEVANT LOCATIONS & CONNECTIONS PRIOR TO INSTALLATION OF NEW PIPES & ADVISE SUPERINTENDENT OF ANY DISCREPANCIES
- INVESTIGATE LOCATION OF ALL EXISTING SERVICES AFFECTED BY NEW WORKS AND AMEND AS REQUIRED. COORDINATE ALL TEMPORARY SHUTDOWNS WITH SITE SUPERINTENDENT, PROVIDING REASONABLE & ADEQUATE ADVANCE NOTICE.
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- PROVISION FOR BALCONY OVERFLOWS TO BE VIA OPEN STYLE BALUSTRADE OR SIDE OVERFLOW OPENINGS, AS CONFIRMED DURING DETAILED DESIGN PHASE.
- FINAL DOWNPIPE LOCATIONS, ROOF GUTTER SECTIONS & EMERGENCY OVERFLOWS TO BE GENERALLY IN ACCORDANCE WITH ARCHITECT'S DOCUMENTATION & CONSISTENT WITH AS3500.3 TO BE CONFIRMED AT THE DETAILED DESIGN STAGE.

STORMWATER PIT NOTES:

- PITS TO BE REINFORCED CONCRETE IN ACCORDANCE WITH AS3500.3
- GRATES GENERALLY TO BE HINGED GALVANISED MILD STEEL EQUAL TO MASCOT ENGINEERING (ADOPT HEELPROOF STYLE WHERE APPLICABLE)
- FALL BASE OF TRENCH DRAINS TO OUTLET AT MIN 1%
- GENERALLY GRADE SURROUNDING SURFACES TO GRATES
- PROVIDE STEP RUNGS WHERE PIT DEPTH EXCEEDS 1200
- DETENTION TANK ACCESS GRATE TO BE HINGED & LOCKABLE

GENERAL STORMWATER DRAINAGE NOTES:

- COLEBROOK-WHITE ROUGHNESS $k = 0.015\text{mm}$ FOR POLYVINYL CHLORIDE PIPE (PVC).
- COLEBROOK-WHITE ROUGHNESS $k = 0.15\text{mm}$ FOR GALVANISED MILD STEEL (GMS) FOR RHS.
- A MINIMUM PIPE SLOPE OF 1.00% IS ASSUMED FOR CALCULATION PURPOSES.
- SURFACE LEVELS BASED ON ARCHITECTURAL & SURVEY DRAWINGS.
- CONFIRM PRACTICALITY OF PIPE INSTALLATION & ADVISE OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.
- SUSPENDED STORMWATER DRAINAGE TO BE SEWER GRADE UPVC WITH SOLVENT WELDED JOINTS SUPPORTED AS PER AS/NZS3500.3 CLAUSE 4.16.6
- STORMWATER DRAINAGE TO BE SEWER GRADE UPVC WITH SOLVENT WELDED JOINTS LAID ON GRANULAR BEDDING TO AS/NZS3500.3 CLAUSE 7.4.2.
- SUBSOIL DRAINAGE (WHERE REQUIRED) TO BE SLOTTED UPVC WITH FILTER SOCK LAID IN FREE-DRAINING GRANULAR MATERIAL TO AS3500.3 CLAUSE 7.4.2.
- CONFIRM ALL SUBSOIL DRAINAGE REQUIREMENTS PRIOR TO CONSTRUCTION & COORDINATE WITH FOOTING LEVELS WHERE APPLICABLE.
- ALL DRAINAGE TO BE MIN 1000 UNLESS NOTED OTHERWISE. ENSURE PIPE BENDS GENERALLY DO NOT EXCEED 45 DEGREES IN PLAN.
- THE ENTIRE DRAINAGE INSTALLATION SHALL COMPLY WITH THE RELEVANT PROVISIONS OF AS3500.3.
- ALL GMS RHS CONDUITS TO BE MIN 5mm THICK.
- WATERTIGHT INSPECTION OPENINGS OR PITS TO BE PROVIDED FOR CLEANING PURPOSES AT MAXIMUM 30m INTERVALS & IN ACCORDANCE WITH AS3500.3 CLAUSE 8.5.1.
- ALL STORMWATER OUTLETS TO BE 1000 FLAT GRATE EQUAL TO SPECIALITY PLUMBING SUPPLIES TRUFLO SERIES (TEL 02 9416 8031).
- ALL DOWNPIPES DRAINING TO THE STORAGE SYSTEM SHALL BE MADE WATERTIGHT BELOW THE MAXIMUM WATER STORAGE LEVEL.
- PIPE CONNECTIONS TO TANKS OR PITS EXCEEDING 1m DEPTH SHALL BE PROVIDED WITH FLEXIBLE JOINTS TO ACCOMMODATE LONG-TERM SETTLEMENT AS PER AS/NZS3500.3 CLAUSE 7.3.3.
- BUILDER TO PROVIDE 'AS BUILT' DRAWINGS OF ALL RELEVANT DRAINAGE WORKS AS REQUIRED FOR CERTIFICATION PURPOSES. IN SOME CASES COUNCIL MAY REQUIRE APPROVED PLANS TO BE MARKED WITH RED INK TO INDICATE CHANGES TO THE ORIGINAL DESIGN LAYOUT.
- ANY PROPOSED CHANGE TO DETENTION DISCHARGE CONTROL SHALL BE SUBMITTED TO CONSULTANT FOR APPROVAL PRIOR TO INSTALLATION.
- FINAL DRAINAGE LAYOUT SHALL BE MARKED ON AS-BUILT DRAWINGS AS REQUIRED FOR CERTIFICATION & REFERENCE PURPOSES.
- ALL REQUIRED EASEMENTS, POSITIVE COVENANTS OR OTHER LEGAL INSTRUMENTS TO BE ARRANGED & REGISTERED BY SURVEYOR OR OTHER APPROVED AGENT.
- WHERE APPLICABLE, BUILDER TO PAY ALL ROAD OPENING & COUNCIL FEES ASSOCIATED WITH REQUIRED CONSTRUCTION.
- SITE INSPECTIONS SHOULD BE ARRANGED IN ACCORDANCE WITH CONSENT CONDITIONS AND CERTIFIER'S REQUIREMENTS, WITH REASONABLE ADVANCE NOTICE BEING GIVEN AND WRITTEN CONFIRMATION FROM THE RELEVANT PARTY THAT THE CURRENT HOURLY RATE FEE WILL BE PAID.
- AS-BUILT DRAWING/SURVEY OF COMPLETED WORKS SHOULD BE MADE AVAILABLE TO VIEW PRIOR TO ARRANGING FOR FINAL SITE INSPECTION.

CONSTRUCTION NOTES:

- THE BUILDER SHALL ENSURE THAT ALL ITEMS INDICATED ON THE APPROVED DRAWINGS (SUCH AS ORIFICE PLATE AT THE CORRECT LEVEL, REMOVABLE DEBRIS SCREEN, STEP RUNGS, ETC) HAVE BEEN INSTALLED PRIOR TO FINAL INSPECTION & MEASUREMENT BY A REGISTERED SURVEYOR OR OTHER APPROVED AGENT. ENGINEERING CERTIFICATION WILL NOT BE ISSUED IF DOCUMENTED VERIFICATION OF CRITICAL ITEMS (INCLUDING STORAGE VOLUME) IS NOT PROVIDED.

LEGEND

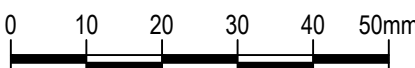
| | |
|---------------|---------------------------|
| — SW — | STORMWATER |
| — RWD — | RAINWATER |
| — / — / | SUBSOIL DRAINAGE |
| — S — S — | AUTHORITY SEWER MAIN |
| — W — W — | AUTHORITY COLD WATER MAIN |
| — o — o — o — | TEMPORARY SEDIMENT FENCE |

| | |
|--------|--|
| ST 100 | FLOW TO ABOVE SERVICE TYPE SERVICE SIZE FLOW TO BELOW |
| SWP | STORMWATER GRATED PIT |
| GTD | GRATED TRENCH DRAIN |
| — ● — | PIPE PENETRATING |
| CO ● | CLEAROUT |
| ① | NODE POINT |
| 1000 | NODE POINT |
| ← | OVERLAND FLOWPATH |
| CO | CLEAROUT |
| GTD | GRATED TRENCH DRAIN |
| RHS | RECTANGULAR HOLLOW SECTION |
| RWH | RAINWATER HEAD |
| SW | STORMWATER |
| SWP | STORMWATER PIT |
| ⊠ | SITE ACCESS |
| / | FILTER ROLL |

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| No. | Date | Details |
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| P1 | 16.02.2017 | DEVELOPMENT APPLICATION |
| Amendments | | |

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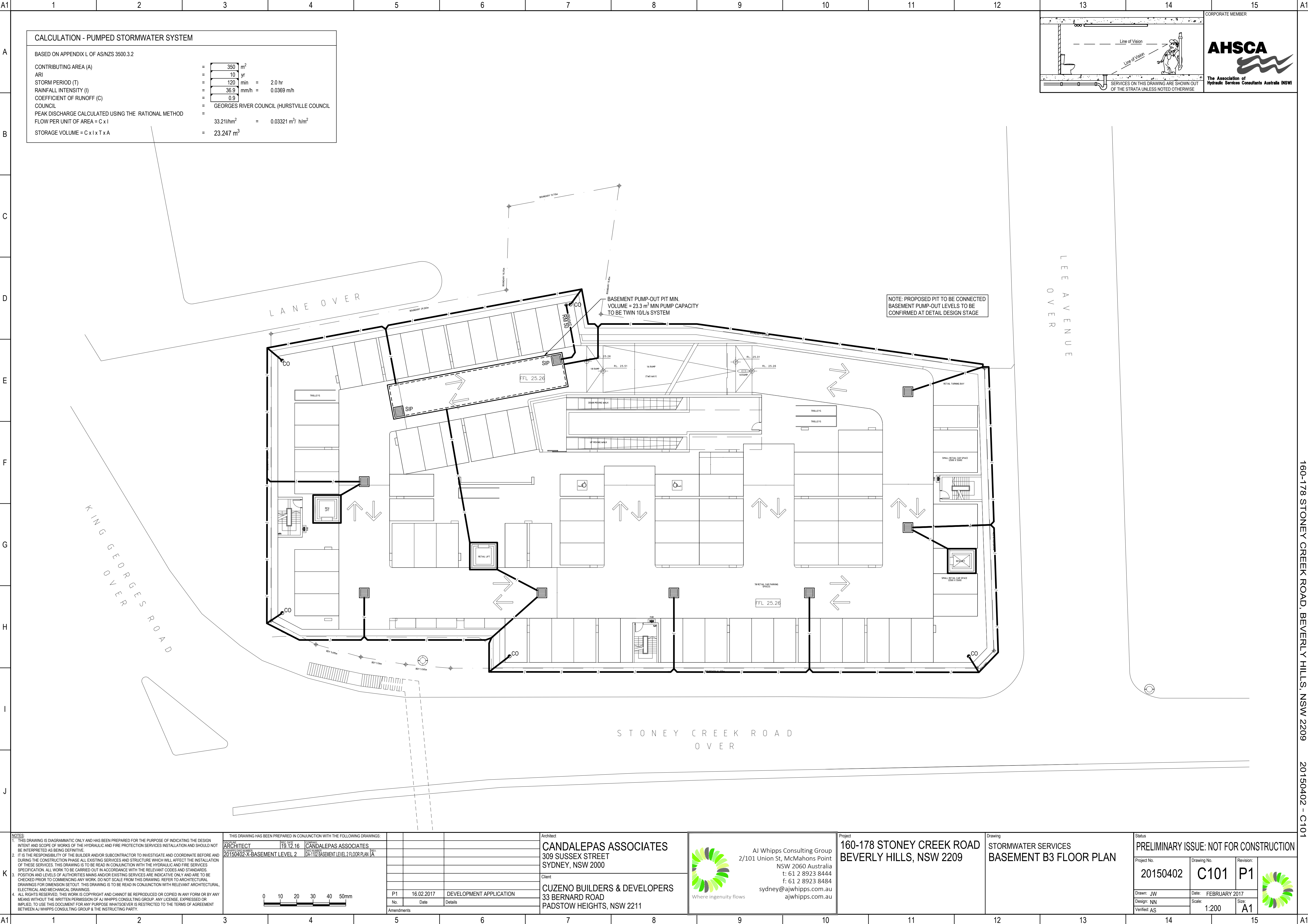
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Project
**160-178 STONEY CREEK ROAD
BEVERLY HILLS, NSW 2209**

Drawing
**STORMWATER SERVICES
COVER SHEET, LEGEND &
DRAWING SCHEDULE**

Status
PRELIMINARY ISSUE: NOT FOR CONSTRUCTION

| | | | |
|--------------------------------|----------------------------|------------------------|--|
| Project No. 20150402 | Drawing No. C000 | Revision: P1 | |
| Drawn: JW | Date: FEBRUARY 2017 | Size: A1 | |
| Design: NN | Scale: NTS | | |
| Verified: AS | | | |



| CALCULATION - PUMPED STORMWATER SYSTEM | | | | |
|---|---|--|-------------------|--|
| BASED ON APPENDIX L OF AS/NZS 3500.3.2 | | | | |
| CONTRIBUTING AREA (A) | = | 350 | m ² | |
| ARI | = | 10 | yr | |
| STORM PERIOD (T) | = | 120 | min | = 2.0 hr |
| RAINFALL INTENSITY (I) | = | 36.9 | mm/h | = 0.0369 m/h |
| COEFFICIENT OF RUNOFF (C) | = | 0.9 | | |
| COUNCIL | = | GEORGES RIVER COUNCIL (HURSTVILLE COUNCIL) | | |
| PEAK DISCHARGE CALCULATED USING THE RATIONAL METHOD | = | | | |
| FLOW PER UNIT OF AREA = C x I | | 33.21 | l/hm ² | = 0.03321 m ³ /h/m ² |
| STORAGE VOLUME = C x I x T x A | = | 23.247 | m ³ | |

SERVICES ON THIS DRAWING ARE SHOWN OUT OF THE STRATA UNLESS NOTED OTHERWISE

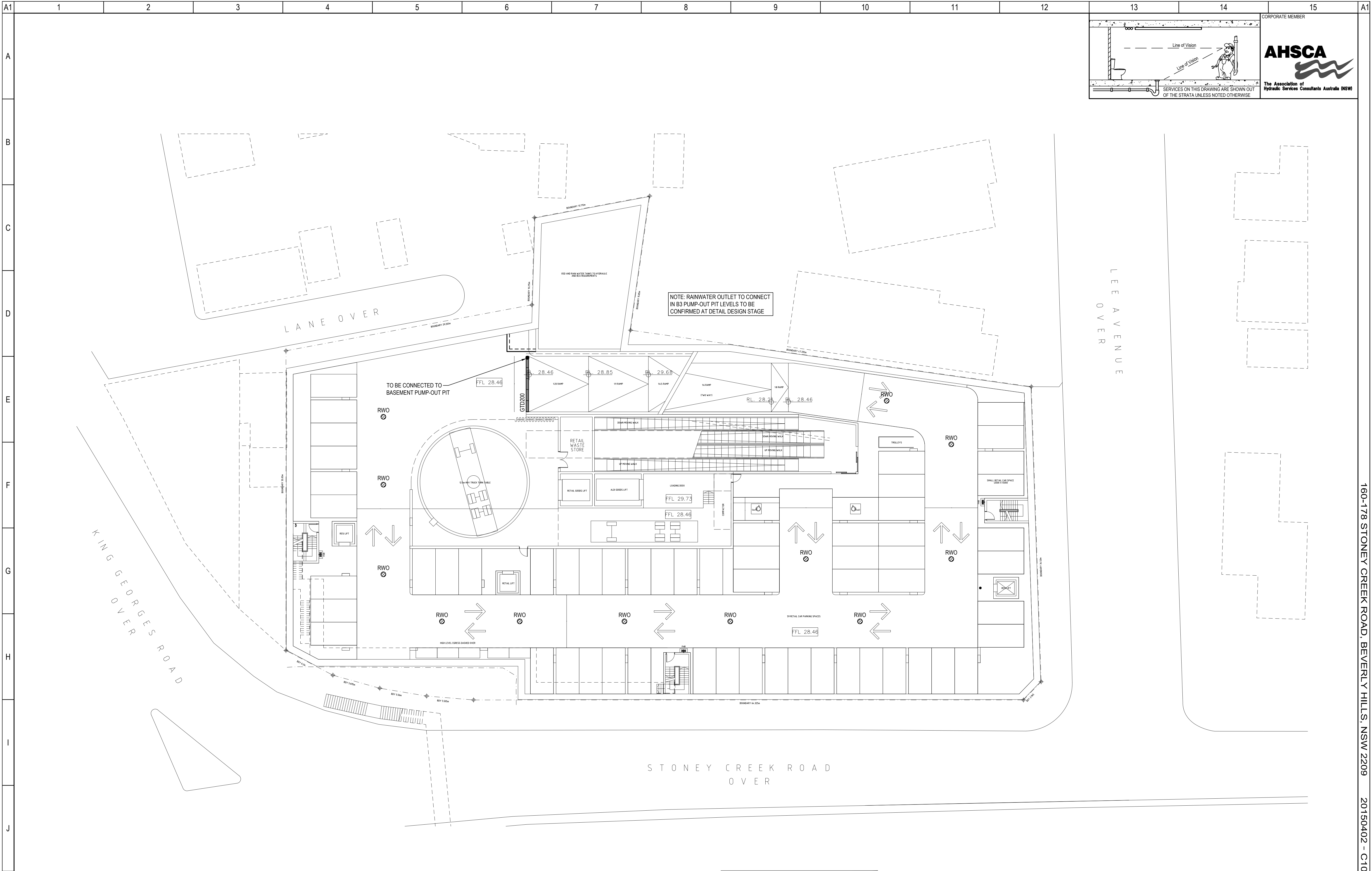
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| | ARCHITECT | DATE | PROJECT | CLIENT | | | | | | | | | | | | | | | | | | |
| | 20150402-X-BASEMENT LEVEL 2 | 19.12.16 | CANDELEPAS ASSOCIATES | CUZENO BUILDERS & DEVELOPERS | | | | | | | | | | | | | | | | | | |
| | <div></div> | | <div><table><tr><td>No.</td><td>Date</td><td>Details</td></tr><tr><td>P1</td><td>16.02.2017</td><td>DEVELOPMENT APPLICATION</td></tr></table></div> | | No. | Date | Details | P1 | 16.02.2017 | DEVELOPMENT APPLICATION | <div>Client CUZENO BUILDERS & DEVELOPERS 33 BERNARD ROAD PADSTOW HEIGHTS, NSW 2211</div> | | <div>Where ingenuity flows</div> | | <div>Project No. 20150402</div> | | <div>Drawing No. C101</div> | | <div>Revision: P1</div> | | | |
| | No. | Date | Details | | | | | | | | | | | | | | | | | | | |
| P1 | 16.02.2017 | DEVELOPMENT APPLICATION | | | | | | | | | | | | | | | | | | | | |
| | | <div>Amendments</div> | | | | | | <div>Drawn: JW</div> | | <div>Date: FEBRUARY 2017</div> | | <div></div> | | | | | | | | | | |
| | | | | | | | | <div>Design: NN</div> | | <div>Scale: 1:200</div> | | <div>Size: A1</div> | | | | | | | | | | |
| | | | | | | | | <div>Verified: AS</div> | | | | | | | | | | | | | | |

160-178 STONEY CREEK ROAD, BEVERLY HILLS, NSW 2209 20150402 - C101



Line of Vision

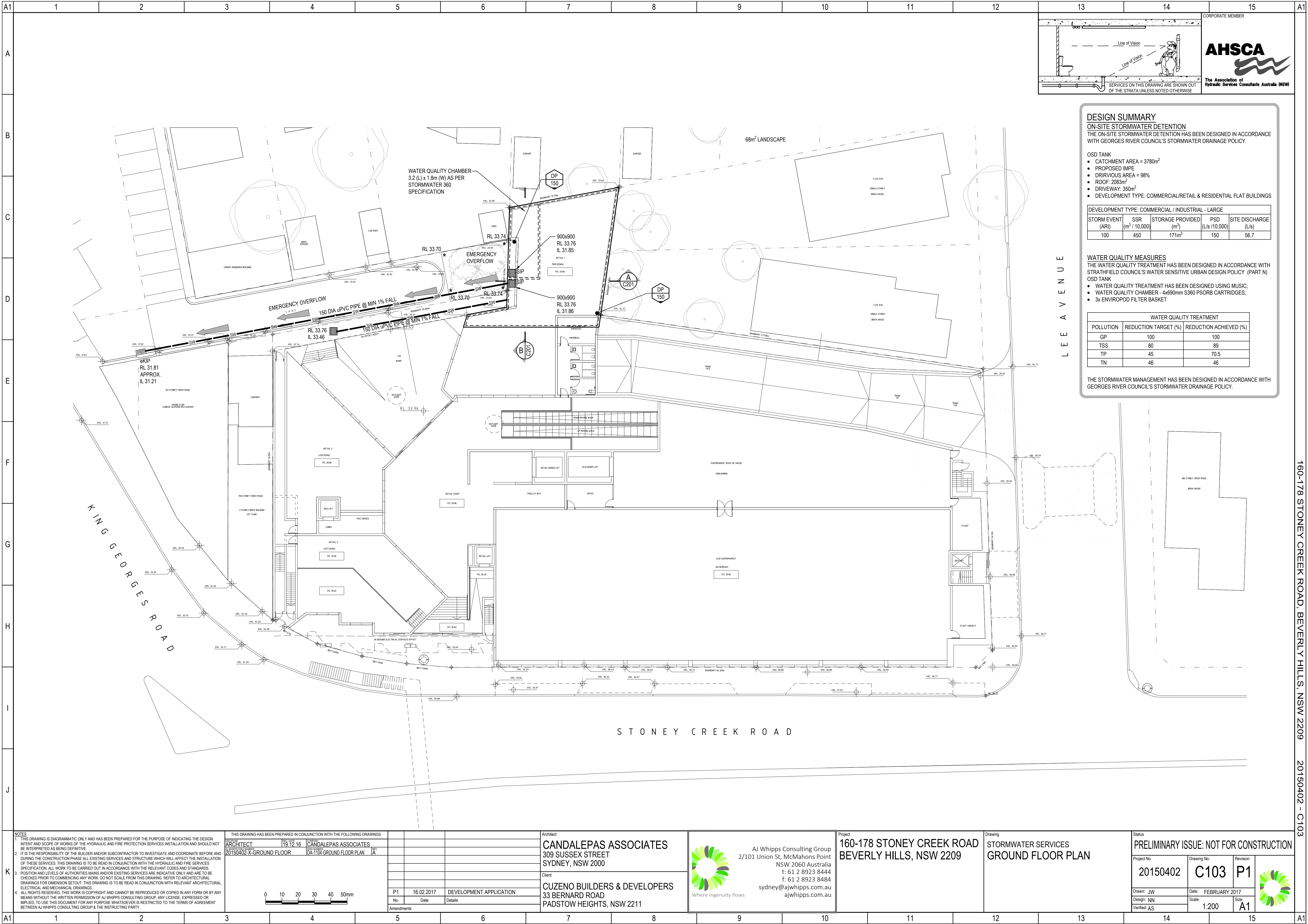
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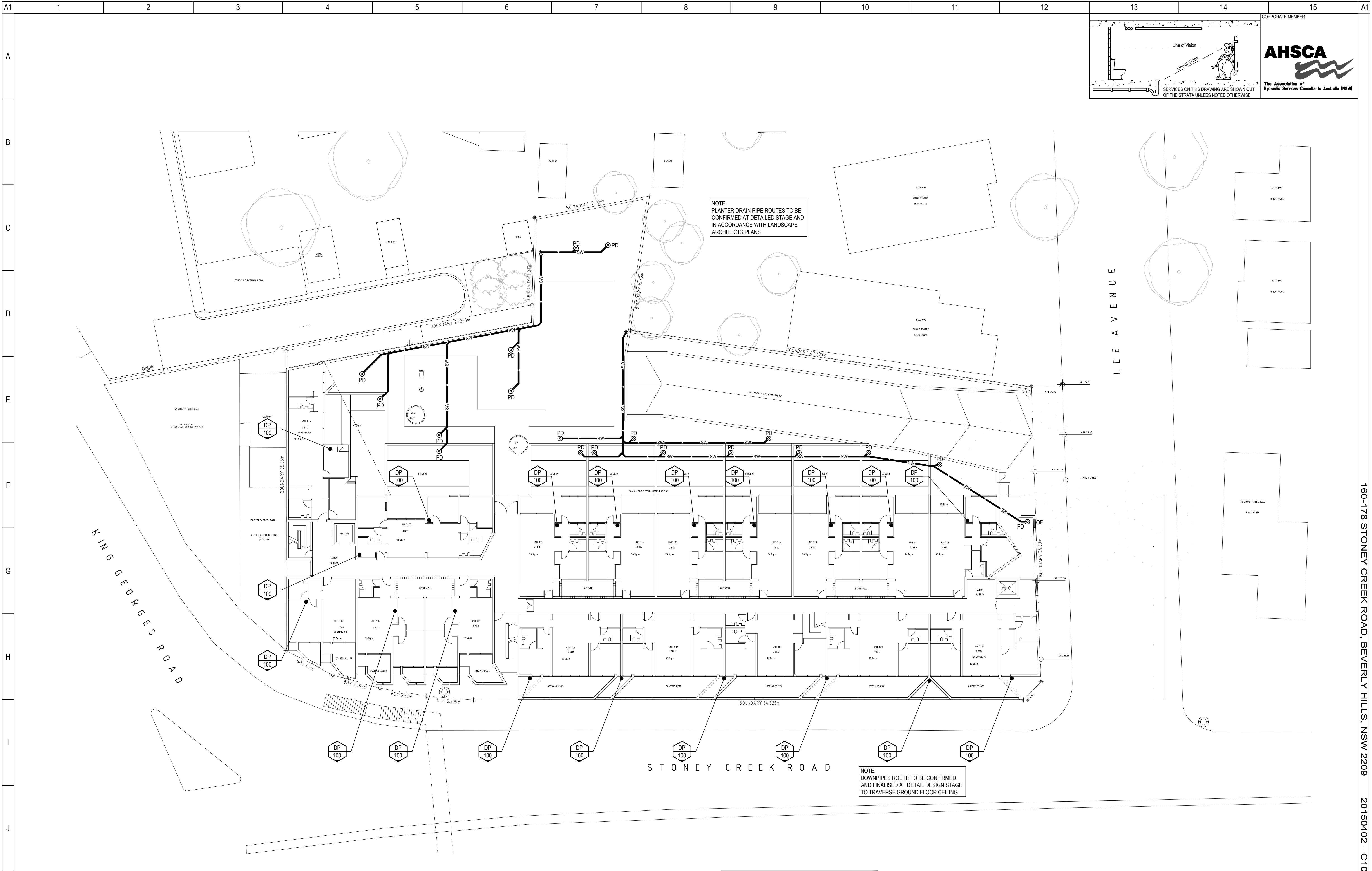
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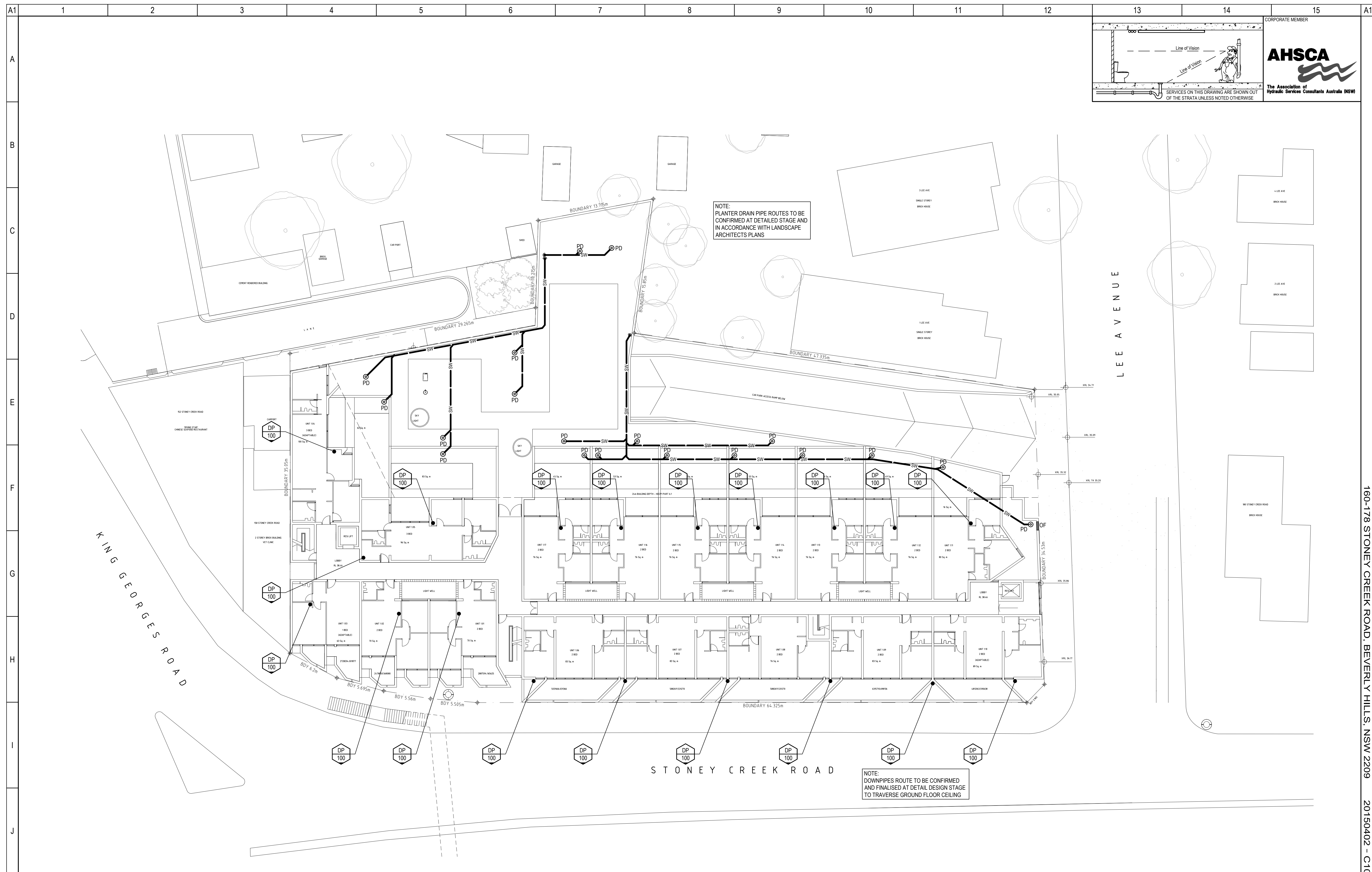
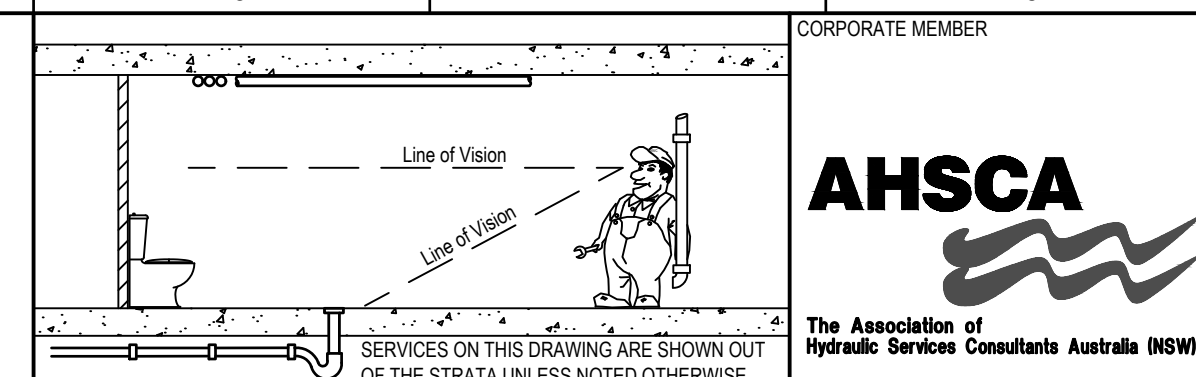
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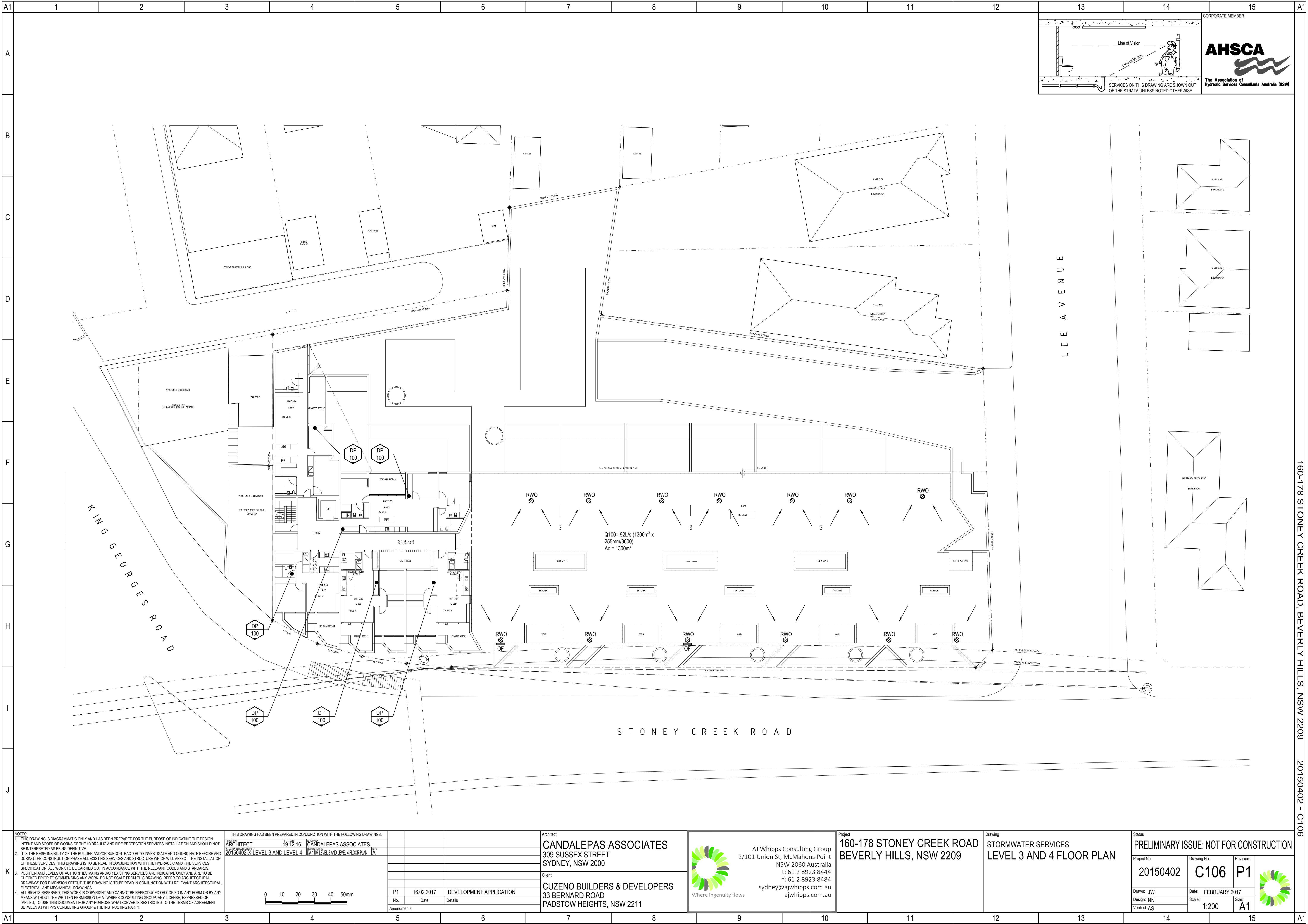




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|---------------------------|---|---|-----------|------------------------|------------|----------------------------|--------------------|------------------------------|---|---|---|---|-----------|----------|------|----|--|--|
| | ARCHITECT | CANDELAPEAS ASSOCIATES | | | | | | | | | | | | | | | | |
| | 19.12.16 | DA-1105 LEVEL 1 FLOOR PLAN | | | | | | | | | | | | | | | | |
| | 20150402-X-LEVEL 1 | | | | | | | | | | | | | | | | | |
| <p>0 10 20 30 40 50mm</p> | <p>P1 16.02.2017 DEVELOPMENT APPLICATION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>No.</th> <th>Date</th> <th>Details</th> </tr> <tr> <td colspan="3">Amendments</td> </tr> </table> | No. | Date | Details | Amendments | | | <p>Where ingenuity flows</p> | <p>AJ Whipps Consulting Group 2/101 Union St, McMahon's Point NSW 2060 Australia t: 61 2 8923 8444 f: 61 2 8923 8484 sydney@ajwhipps.com.au ajwhipps.com.au</p> | <p>Revision:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Project No.</th> <th>Drawing No.</th> <th>Revision:</th> </tr> <tr> <td>20150402</td> <td>C104</td> <td>P1</td> </tr> </table> | Project No. | Drawing No. | Revision: | 20150402 | C104 | P1 | <p>Drawn: JW</p> <p>Design: NN</p> <p>Verified: AS</p> | <p>Date: FEBRUARY 2017</p> <p>Scale: 1:200</p> <p>Size: A1</p> |
| No. | Date | Details | | | | | | | | | | | | | | | | |
| Amendments | | | | | | | | | | | | | | | | | | |
| Project No. | Drawing No. | Revision: | | | | | | | | | | | | | | | | |
| 20150402 | C104 | P1 | | | | | | | | | | | | | | | | |



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|----|---|---|---|---|---|---|--|---|---|---|----|----|--|----|----|----|
| K | NOTES: 1. THIS DRAWING IS DIAGRAMMATIC ONLY AND HAS BEEN PREPARED FOR THE PURPOSE OF INDICATING THE DESIGN INTENT AND SCOPE OF WORKS OF THE HYDRAULIC SERVICES PROTECTION SERVICES INSTALLATION AND SHALL NOT BE INTERPRETED AS BEING DEFINITIVE. 2. IT IS THE RESPONSIBILITY OF THE BUILDER AND/OR SUBCONTRACTOR TO INVESTIGATE AND COORDINATE BEFORE AND DURING THE CONSTRUCTION PHASE ALL EXISTING SERVICES AND STRUCTURE WHICH WILL AFFECT THE INSTALLATION OF THESE SERVICES. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE HYDRAULIC AND FIRE SERVICES SPECIFICATION. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT CODES AND STANDARDS. 3. POSITION AND LEVELS OF AUTHORITIES MANS AND/OR EXISTING SERVICES ARE INDICATIVE ONLY AND ARE TO BE CHECKED PRIOR TO COMMENCING ANY WORK. DO NOT SCALE FROM THIS DRAWING. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS/SETOUT. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS. 4. ALL RIGHTS RESERVED. THIS WORK IS COPYRIGHT AND CANNOT BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF AJ WHIPPS CONSULTING GROUP. ANY LICENSE, EXPRESSED OR IMPLIED, TO USE THIS DOCUMENT FOR ANY PURPOSE WHATSOEVER IS RESTRICTED TO THE TERMS OF AGREEMENT BETWEEN AJ WHIPPS CONSULTING GROUP & THE INSTRUCTING PARTY. | | | THIS DRAWING HAS BEEN PREPARED IN CONJUNCTION WITH THE FOLLOWING DRAWINGS: ARCHITECT: 19.12.16 20150402-XC LEVEL 1 CANDALEPAS ASSOCIATES DA-105 LEVEL 1 FLOOR PLAN A | | | Architect CANDALEPAS ASSOCIATES 309 SUSSEX STREET SYDNEY, NSW 2000 Client CUZENO BUILDERS & DEVELOPERS 33 BERNARD ROAD PADSTOWN HEIGHTS, NSW 2211 | | | Project 160-178 STONEY CREEK ROAD BEVERLY HILLS, NSW 2209 Drawing STORMWATER SERVICES LEVEL 1 FLOOR PLAN | | | Status PRELIMINARY ISSUE: NOT FOR CONSTRUCTION Project No. 20150402 Drawing No. C104 Revision: P1 | | | |
| | | | | | | | AJ Whipps Consulting Group 2/101 Union St, McMahons Point NSW 2060 Australia t: 61 2 8923 8444 f: 61 2 8923 8484 sydney@ajwhipps.com.au ajwhipps.com.au | | | Drawn: JW Design: NN Verified: AS | | | Date: FEBRUARY 2017 Scale: 1:200 Size: A1 | | | |
| | Amendments | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| A1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | A1 |



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CORPORATE MEMBER

AHSCA

The Association of
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| | | |
|--------------------------------|------------|--|
| ARCHITECT | 19.12.16 | CANDELEPAS ASSOCIATES |
| 20150402-X-LEVEL 3 AND LEVEL 4 | 16.02.2017 | DA-1107 LEVEL 3 AND LEVEL 4 FLOOR PLAN |

01020304050mm

P1

16.02.2017

DEVELOPMENT APPLICATION

| No. | Date | Details |
|------------|------|---------|
| Amendments | | |

Architect

CANDELEPAS ASSOCIATES

309 SUSSEX STREET

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Client

CUZENO BUILDERS & DEVELOPERS

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Project

160-178 STONEY CREEK ROAD

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Drawing

STORMWATER SERVICES

LEVEL 3 AND 4 FLOOR PLAN

Status

PRELIMINARY ISSUE: NOT FOR CONSTRUCTION

Project No.

20150402

Drawing No.

C106

Revision:

P1

Drawn: JW

Date: FEBRUARY 2017

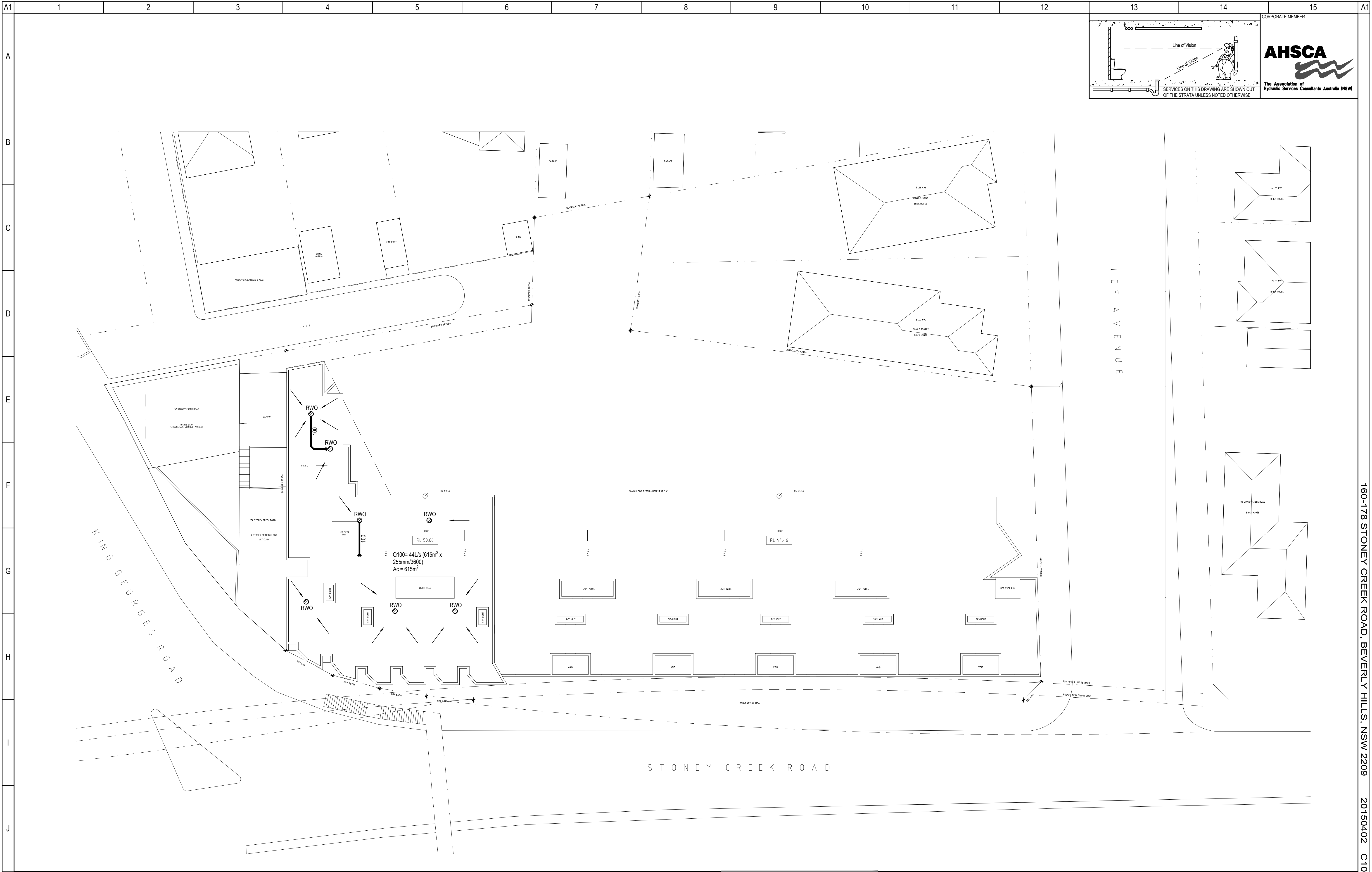
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Size: A1





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ARCHITECT

19.12.16

CANDELEPAS ASSOCIATES

20150402-X-ROOF PLAN

DA-1108 ROOF PLAN

A

01020304050mm

P1

16.02.2017

DEVELOPMENT APPLICATION

No.

Date

Details

Amendments

Architect

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Where ingenuity flows

Project

160-178 STONEY CREEK ROAD

BEVERLY HILLS, NSW 2209

Drawing

STORMWATER SERVICES

ROOF PLAN

Status

PRELIMINARY ISSUE: NOT FOR CONSTRUCTION

Drawn: JW

Date: FEBRUARY 2017

Design: NN

Scale: 1:200

Verified: AS

Size: A1

Project No.

20150402

Drawing No.

C107

Revision:

P1

Drawn: JW

Date: FEBRUARY 2017

Design: NN

Scale: 1:200

Verified: AS

Size: A1

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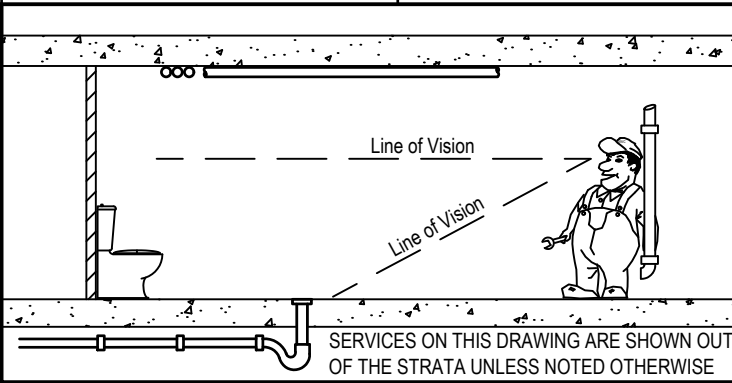
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A1



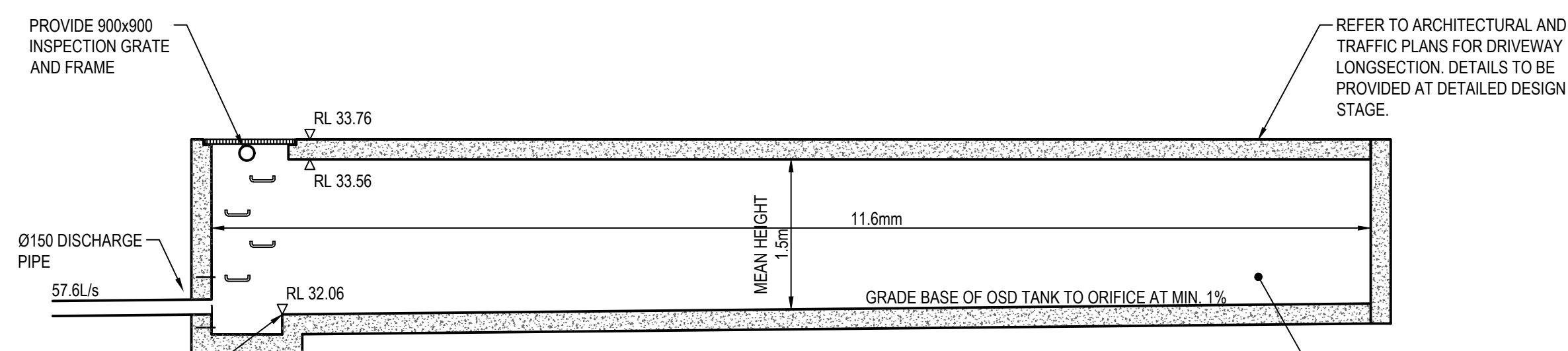
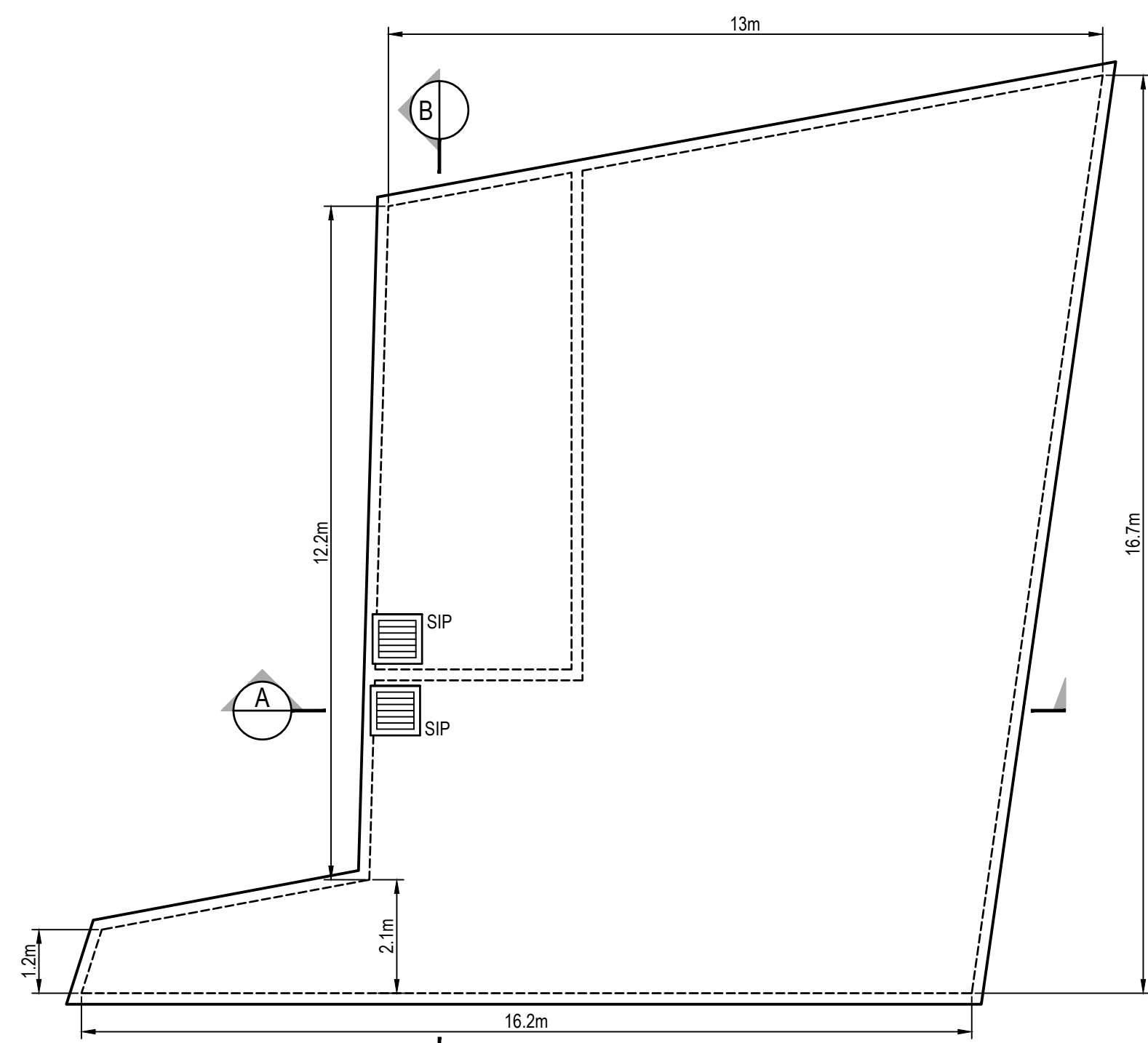
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CORPORATE MEMBER

AHSCA

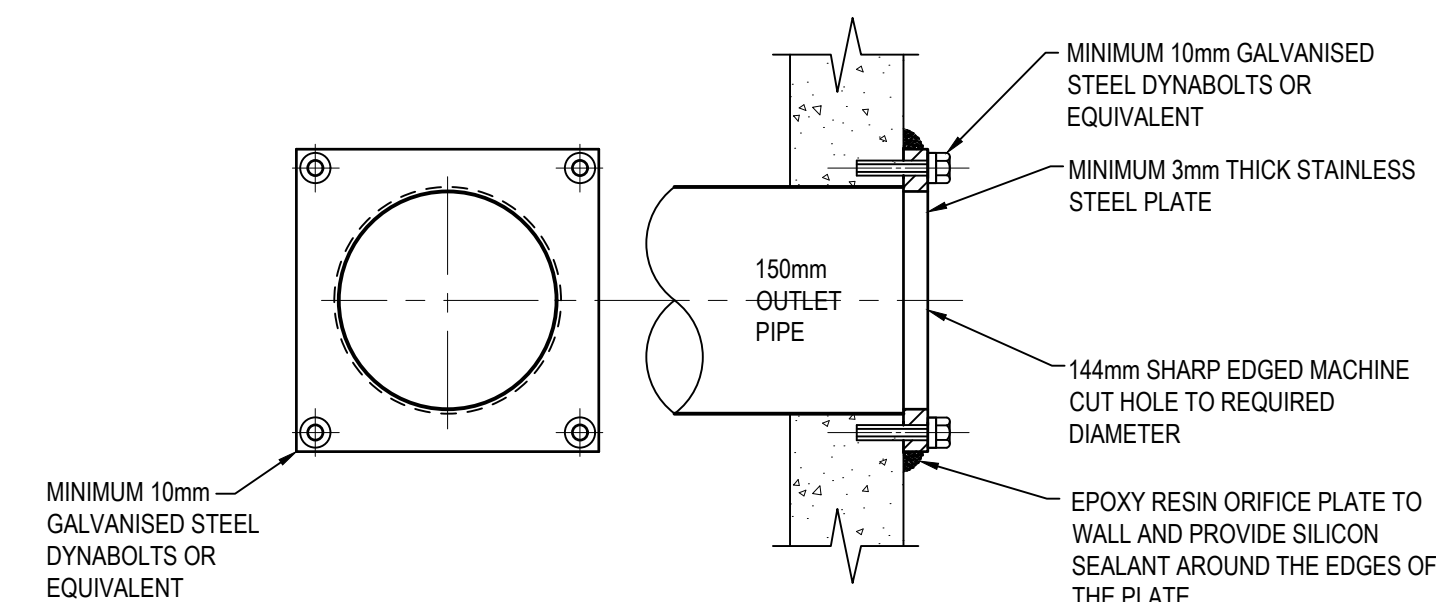
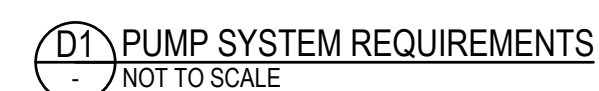
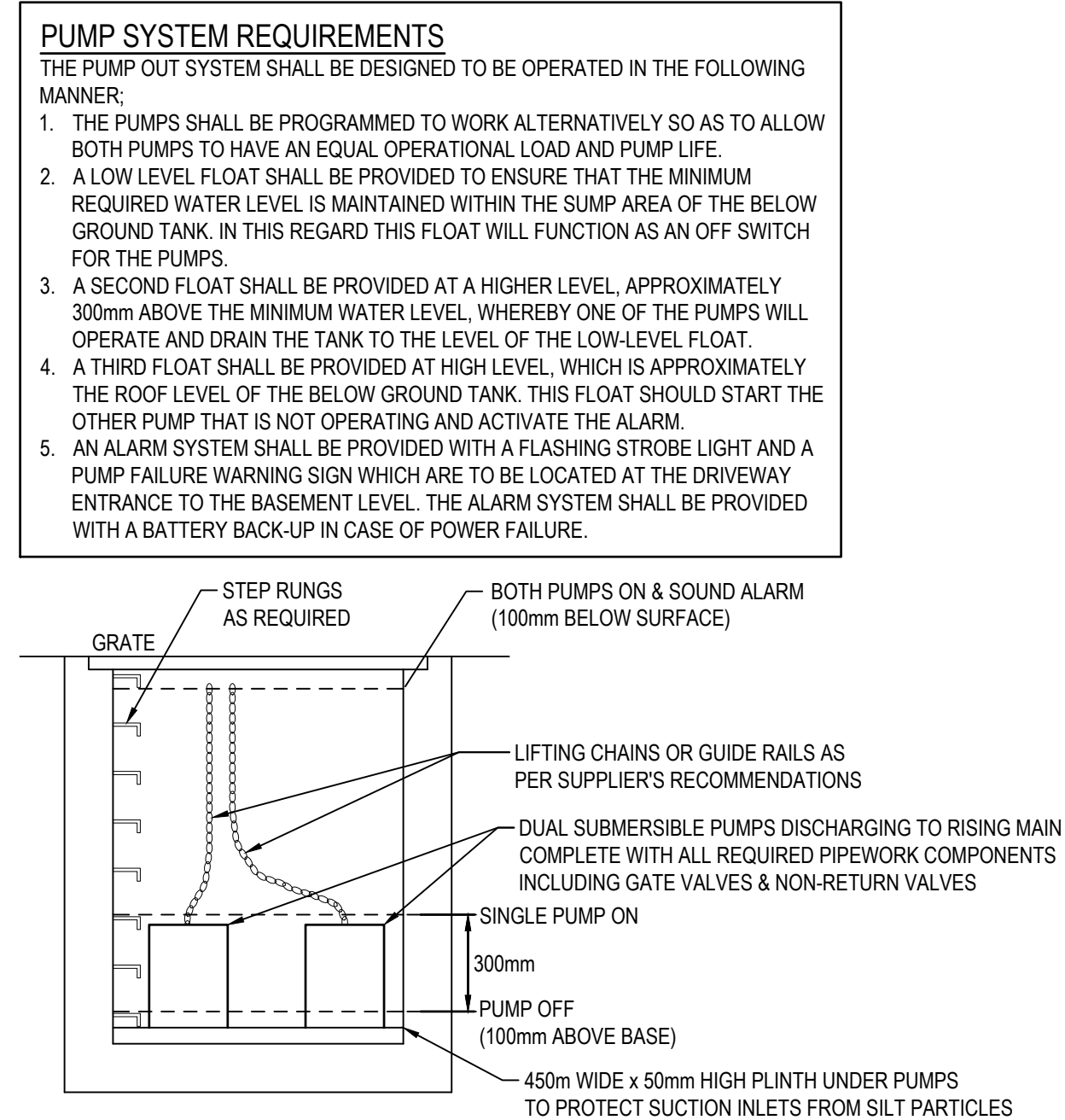
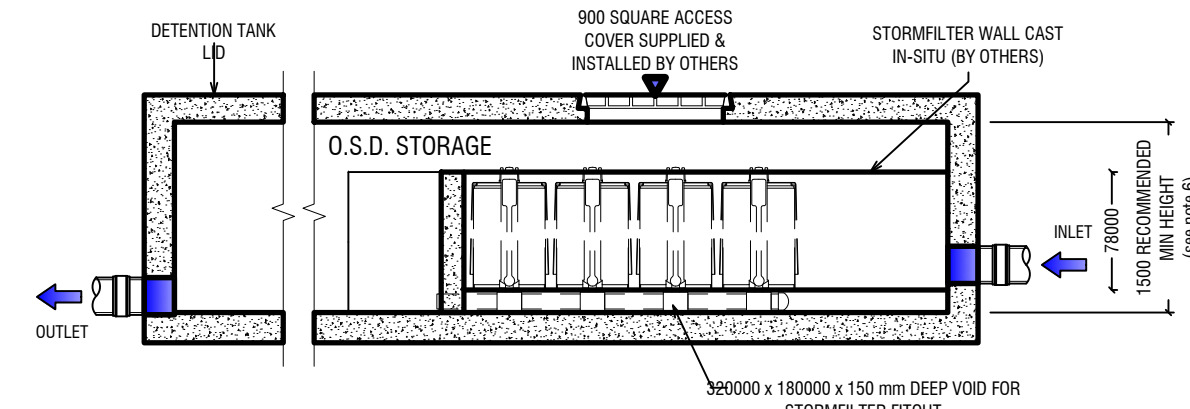
The Association of Hydraulic Services Consultants Australia (NSW)

160-178 STONEY CREEK ROAD, BEVERLY HILLS, NSW 2209 20150402 - C107



NOTES:

1. A CONFIRMED SPACES WARNING SIGN IS TO BE INSTALLED IN THE TANK AT THE ACCESS LOCATION.
2. PROVIDE MOSQUITO AND VERMIN PROTECTION TO ALL INLETS AND OUTLETS.
3. PROVIDE WATERPROOFING TO ARCHITECTS SPECIFICATIONS.
4. THE RAINWATER TANK SHALL BE CONNECTED TO A MAINS WATER DIVERSION SYSTEM AND BE USED FOR IRRIGATION. INSTALL A 3-WAY SWITCHING DEVICE, STOP-VALVE AND BACKFLOW PREVENTION DEVICE.
5. PUMPS AND RETICULATION BY OTHERS.
6. RAINWATER REUSE TREATMENT IS TO BE PROVIDED BY OTHERS.



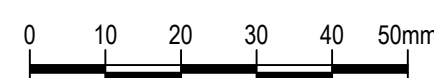
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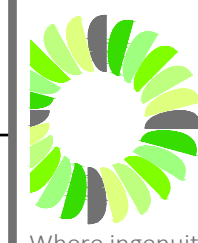
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| P1 | 16.02.2017 | DEVELOPMENT APPLICATION |
| No. | Date | Details |

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Drawing

STORMWATER SERVICES DETAILS SHEET

Status PRELIMINARY ISSUE: NOT FOR CONSTRUCTION

| | | | |
|--------------------------------|----------------------------|------------------------|---|
| Project No. 20150402 | Drawing No. C201 | Revision: P1 |  |
| Drawn: JW | Date: FEBRUARY 2017 | | |
| Design: NN | Scale: | Size: | |
| Verified: AS | NTS | A1 | |
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