

REGISTERED SURVEYOR'S CERTIFICATION
I, GRAHAM LINDSAY, hereby certify that the levels
shown on this plan are a true and correct record and were located by survey.

LandPartners Limited, Reg. Surveyor No. S2309 Date: 17/01/2017

WATER NOTES

1. ALL MAINS SHALL BE PE UNLESS OTHERWISE NOTED. PE PIPES SHALL BE PN16 SDR11 PE100.

2. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT SOUTH EAST QUEENSLAND WATER SUPPLY CODE SPECIFICATIONS AND STANDARDS.

3. UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.

4. ADOPT TOP OF KERB AS PERMANENT LEVEL.

5. COVER ON MAINS FROM PERMANENT LEVEL TO BE AS SHOWN IN SEQ-WAT-1200-2.

6. CONDUITS TO BE INSTALLED IN ACCORDANCE WITH SEQ STANDARD DRAWING SEQ-WAT-1107-2.

7. A WATER METER SUPPLIED AT THE DEVELOPER'S COST IS TO BE INSTALLED AT THE SERVICE POINT OF EACH LOT IN ACCORDANCE WITH SEQ STANDARD DRAWING SEQ-WAT-1107-2.

8. ALL MATERIALS USED IN THE WORKS SHALL COMPLY WITH QUU'S ACCEPTED PRODUCTS AND MATERIALS LIST OR BE APPROPRIATELY SHOWN, LISTED AND DEFINED IN THE ENGINEERING SUBMISSION SO THAT THE ALTERNATIVE PRODUCT OR MATERIAL CAN BE ASSESSED AND IF APPROPRIATE, APPROVED BY QUU.

9. TEST/CHLORINATION POINTS TO BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWING NO. SEQ-WAT-1410-1.

10. THE CONSTRUCTION OF THE WATER RETICULATION WORK SHOWN ON THIS DRAWING MUST BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ REGISTRATION. WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE PERMITTED TO CONNECT INTO Q.U.U.'S RETICULATION SYSTEM.

11. THRUST BLOCKS POSITIONED AT BENDS, VALVES, TEES AND TAPERS TO BE IN ACCORDANCE WITH STANDARD DRAWINGS SEQ-WAT-1205-1 TO SEQ-WAT-1207-1

12. EXTEND SERVICE CONDUITS BEYOND CONCRETE PATHWAYS WHERE REQUIRED A MINIMUM OF 300mm. (REFER DETAIL ON DRG 15-109-82).

VEGETATION PROTECTION

A. TREES LOCATED ALONG THE FOOTPATH SHALL BE, TRANSPLANTED PRIOR TO CONSTRUCTION, OR REPLACED IF DESTROYED.

B. WHEN WORKING WITHIN 4m OF TREES, RUBBER OR HARDWOOD GIRDLES SHALL BE CONSTRUCTED WITH 18m BATTENS CLOSELY SPACED AND ARRANGED VERTICALLY FROM GROUND LEVEL. GIRDLES SHALL BE STRAPPED TO TREES PRIOR TO CONSTRUCTION AND REMAIN UNTIL COMPLETION.

C. TREE ROOTS SHALL BE TUNNELLED UNDER, RATHER THAN SEVERED. IF ROOTS ARE SEVERED THE DAMAGED AREA SHOULD BE TREATED WITH A SUITABLE FUNGICIDE. CONTACT COUNCIL ARBORIST FOR FURTHER ADVICE.

D. ANY TREE LOPPING REQUIRED SHOULD BE UNDERTAKEN BY AN APPROVED ARBOURIST.

SOIL

A. TOPSOIL AND SUBSOIL SHALL BE STOCKPILED SEPARATELY.

B. CARE SHOULD BE TAKEN TO PREVENT SEDIMENT FROM ENTERING THE STORMWATER SYSTEM. THIS MAY INVOLVE PLACING APPROPRIATE SEDIMENT CONTROLS AROUND CREEKPILES.

CREEK CROSSINGS

A. SILTATION CONTROL MEASURES SHALL BE PLACED DOWNSTREAM OF ANY EXCAVATION WORK.

B. APPROPRIATE SEDIMENT CONTROLS SHALL BE USED TO PREVENT SEDIMENT FROM ENTERING THE CREEK.

C. NO SOIL SHALL BE STOCKPILED WITHIN 5m OF THE CREEK.

REHABILITATION

A. PREDISTURBANCE SOIL PROFILES AND COMPACTION LEVELS SHALL BE REINSTATED.

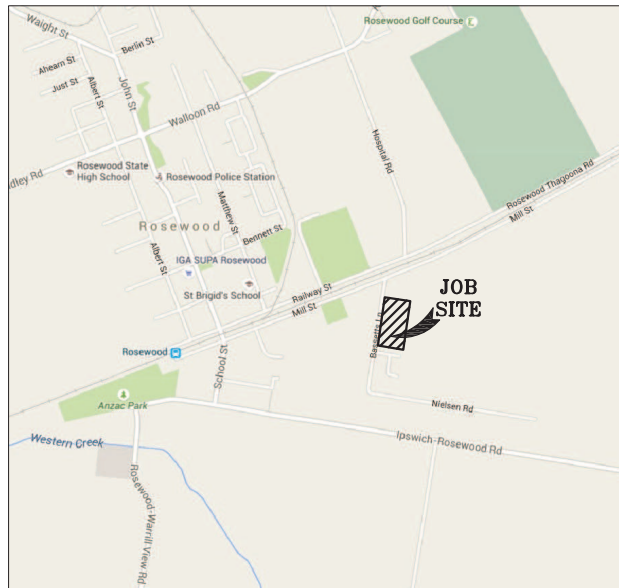
B. PREDISTURBANCE VEGETATION PATTERNS SHALL BE RESTORED.

Q.U.U CONNECTION TO BE MADE PRIOR TO COMMENCEMENT OF CONSTRUCTION. PHONE QUU TO ARRANGE FOR CONNECTION.

ALL WATER AND SEWER CONSTRUCTION WORK UNDERTAKEN BY THE CONTRACTOR SHALL COMPLY WITH APPLICABLE WORKPLACE HEALTH AND SAFETY LEGISLATION.

RESIDEV QLD PTY LTD PROPOSED RESIDENTIAL DEVELOPMENT

BASSETTS LANE, ROSEWOOD STAGE 5, 33 LOTS



LOCALITY PLAN
N.T.S.

SCHEDULE OF FITTINGS

1	100 x 100 TEE (14.0kN)	2 REQUIRED
2	150 x 150 TEE (29.5kN)	1 REQUIRED
3	100 S+S VALVE	3 REQUIRED
4	150 S+S VALVE	2 REQUIRED
5	150x100 TAPER	2 REQUIRED
6	SCOUR ASSEMBLY	3 REQUIRED
7	100Ø DEAD END	2 REQUIRED
8	150Ø DEAD END	1 REQUIRED
9	100Ø 45° BEND	2 REQUIRED

CONNECTION DETAILS

STREET	BASSETTS LANE
LENGTH	20.000m TYPE OF MAIN DN125 PE100
DATE COMMENCED	DATE COMPLETED
SIGNATURE	

AS CONSTRUCTED DETAILS

I CERTIFY THAT THE "AS CONSTRUCTED" DETAILS SHOWN ON THIS PLAN ARE TRUE AND ACCURATE RECORD OF THE WORKS.

SIGNED:
NAME OF SIGNATORY (PRINT): WILLIE MALHERBE
RPEQ NO: 8112
COMPANY NAME: ACOR CONSULTANTS (QLD) PTY LTD

SCHEDULE OF PIPES

PIPE SIZE	LENGTH	VALVES	HYDRANTS	BENDS				END CAPS
				11.25°	22.5°	45°	90°	
DN125	232.2m	3	4	-	-	2	-	2
DN180	134.6m	2	2	-	-	-	-	1

ASSET REGISTER - WATER RETICULATION					
ESTATE/STAGE		ROSEHAVEN ESTATE - STAGE 5			
SITE ADDRESS		BASSETTS LANE, ROSEWOOD			
FILE/APPLICATION					
QUU DELEGATES APP. DATE					
CLIENT		RESIDEV QLD PTY LTD			
DRAWING/PLAN NO.					
MAINS	Diameter (mm)	MATERIAL DESIGN	CONST	LENGTH DESIGN	CONST
	63	MDPE		-	
	100	uPVC		-	
	150	uPVC		-	
	125	PE		232.2m	
SERVICES	Diameter (mm)	MATERIAL DESIGN	CONST	LENGTH DESIGN	CONST
	20	CU		39.455m	
	25	CU		39.836m	
	32	CU		82.259m	
METERS	Diameter (mm)	NUMBER			
	20	CU 33			
	25	CU -			
	32	CU -			

AS CONSTRUCTED RECEIVED

BY	
OFFICER CODE	
DATE	/ /

ON MAINTENANCE DETAILS

START	/ /	FINISH	/ /
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DRS COMMENTS

FUNDING

PRIVATE BOOSTER REQUIRED?	YES / NO
FUNDED BY UTILITY () DEVELOPER ()	
FED GOV'T () STATE () OTHER ()	

OFFICER	
DATE RELEASED	/ /

PLAN CUSTODIAN

OFFICER / REC'D	/ /
DATE RELEASED	/ /

LIVE CONNECTION(S) / PASSED(W)

REFERENCE	
DATE	/ /

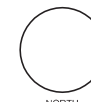
BIMAP CAPTURE

JOB NUMBER	
OFFICER	
DATE	/ /

BIMAP COMMENTS

SERVICE DETAILS

No.	SIZE	LOTS
NIL	32mmΔ	NIL
NIL	25mm○	NIL
NIL	20mm	NIL
OTHER		NIL



NORTH

REVISIONS

No	Description	Date	By
A	FOR APPROVAL	13/01/16	



**KARAMISHEFF
NAGEL PTY LTD**
CONSULTING ENGINEERS

71 GREY STREET
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EMAIL:: admin@knagel.com.au
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ABN 93 114 479 524

Approved - Director RPEQ 2009

ASSOCIATED CONSULTANTS :

LANDPARTNERS
BUILT ENVIRONMENT CONSULTANTS

CLIENT :
RESIDEV QLD PTY LTD

PROJECT :
**PROPOSED SUBDIVISION
BASSETTS LANE, ROSEWOOD
STAGE 5**

TITLE :
**WATER RETICULATION
LOCALITY PLAN AND NOTES**

Local Authority

IPSWICH CITY COUNCIL

Drawn PN	Designed DW	Checked GBN	Date AUG '15
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Scale AS SHOWN	Sheet A3	of 26
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Drawing No 15-106-26	Revision A
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LandPartners Limited, Reg. Surveyor No. S2309 Date: 17/01/2017

1
RP 119434

AS CONSTRUCTED DETAILS

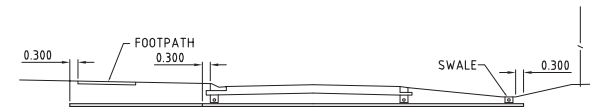
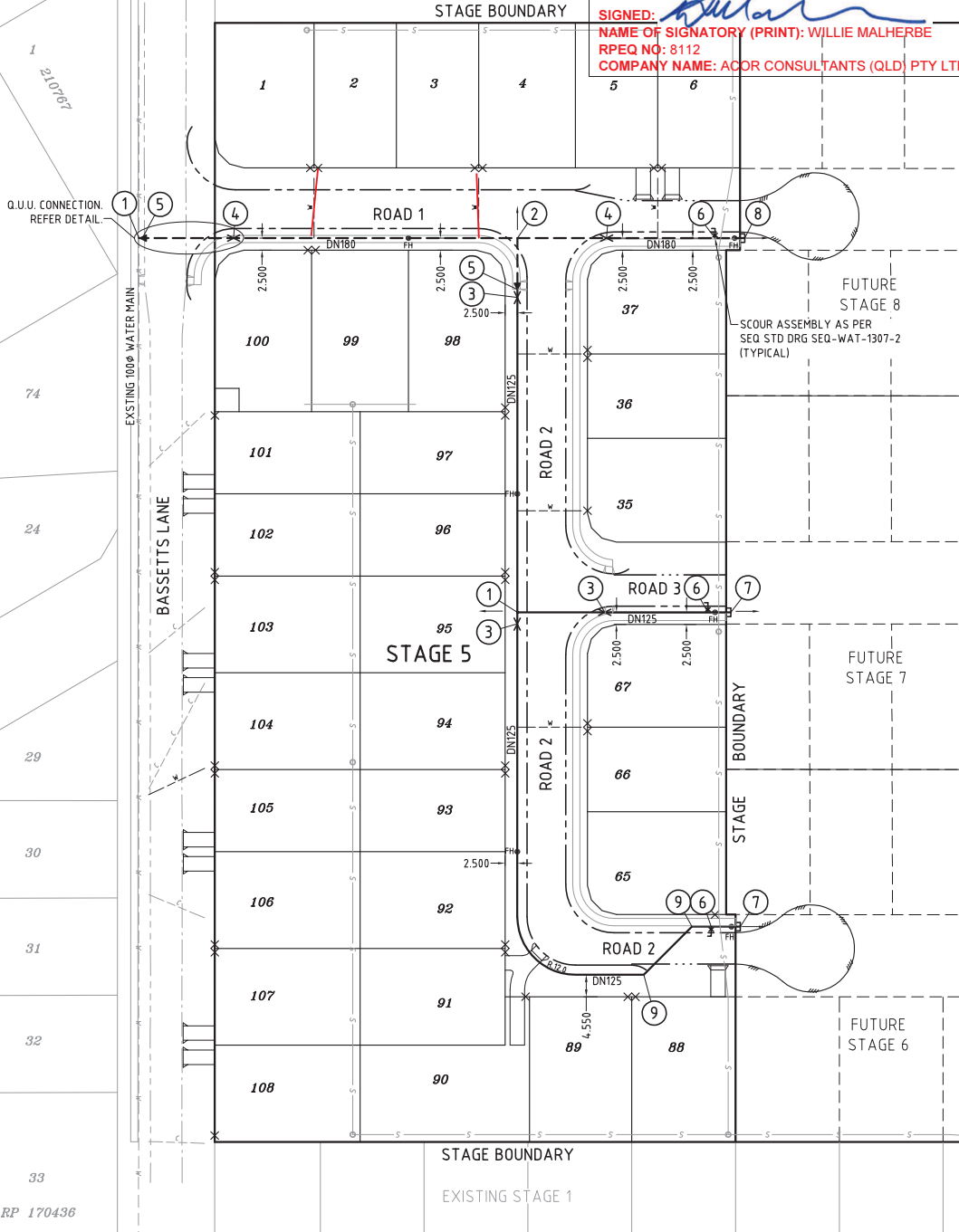
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RPEQ NO: 8112

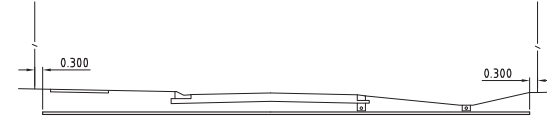
COMPANY NAME: ACOR CONSULTANTS (QLD) PTY LTD



WATER SERVICE CONDUITS

N.T.S.
(REFER NOTE 6 ON PLAN 12-101-21)

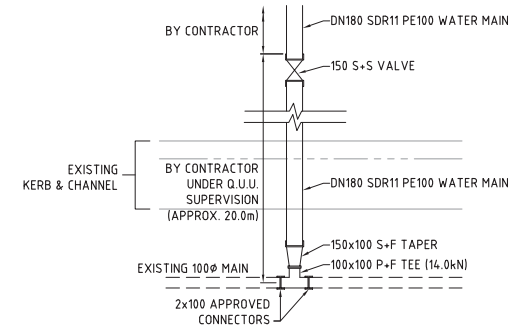
100mm WATER SERVICE CONDUITS TO BE INSTALLED
UNDER THE ROADWORKS CONTRACT AND SHOWN
THUS: ON THE DRAWINGS.



ELECTRICAL SERVICE CONDUITS

N.T.S.
ELECTRICAL SERVICE CONDUITS TO BE INSTALLED
UNDER THE ROADWORKS CONTRACT AND SHOWN
THUS: ON THE DRAWINGS.

MINIMUM COVER TO ROAD CROSSING CONDUITS TO
BE 750mm.



Q.U.U. CONNECTION DETAIL

N.T.S.

MAINS UNDER FOOTPATH

WHERE THE WATER MAIN AND MAIN COCK ARE
LOCATED UNDER A CONCRETE FOOTPATH,
THE CONTRACTOR SHALL CONSTRUCT THE FULL
WATER SERVICE INCLUDING THE METER BOX BUT
EXCLUDING THE WATER METER

SCHEDULE OF FITTINGS

- | | | |
|---|------------------------|------------|
| ① | 100 x 100 TEE (14.0kN) | 2 REQUIRED |
| ② | 150 x 150 TEE (29.5kN) | 1 REQUIRED |
| ③ | 100 S+S VALVE | 3 REQUIRED |
| ④ | 150 S+S VALVE | 2 REQUIRED |
| ⑤ | 150x100 TAPER | 2 REQUIRED |
| ⑥ | SCOUR ASSEMBLY | 3 REQUIRED |
| ⑦ | 100mm DEAD END | 2 REQUIRED |
| ⑧ | 150mm DEAD END | 1 REQUIRED |
| ⑨ | 100mm 45° BEND | 2 REQUIRED |

LEGEND

- | | |
|-------|---------------------------|
| --- | EXISTING WATER MAIN |
| - - - | PROPOSED DN180 WATER MAIN |
| - . - | PROPOSED DN125 WATER MAIN |
| - - - | PROPOSED WATER CONDUIT |
| - - - | FUTURE WATER MAIN |
| - - - | STORMWATER MAIN |
| - - - | ROOFWATER LINE |
| - - - | SEWER MAIN |
| - - - | EXISTING ELECTRICITY |
| X | VALVE |
| X | SCOUR BRANCH |
| X | DEAD END |
| X | FIRE HYDRANT |
| X | PROPERTY CONNECTION |

SCALE 1:1000 (A3)



NORTH

REVISIONS

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A	FOR APPROVAL	13/01/16	



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Approved - Disclose RPEQ 2009

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CLIENT:
RESIDEV QLD PTY LTD

PROJECT:
**PROPOSED SUBDIVISION
BASSETTS LANE, ROSEWOOD
STAGE 5**

TITLE:
**WATER RETICULATION
LAYOUT PLAN**

Local Authority
IPSWICH CITY COUNCIL

Drawn PN DW GBN Date AUG '15

Scale AS SHOWN A3 Sheet 27 of 27

Drawing No. 15-106-27 Revision A