

850 KING GEORGE RD, SOUTH HURSTVILLE

Hydraulic Services

LEGEND

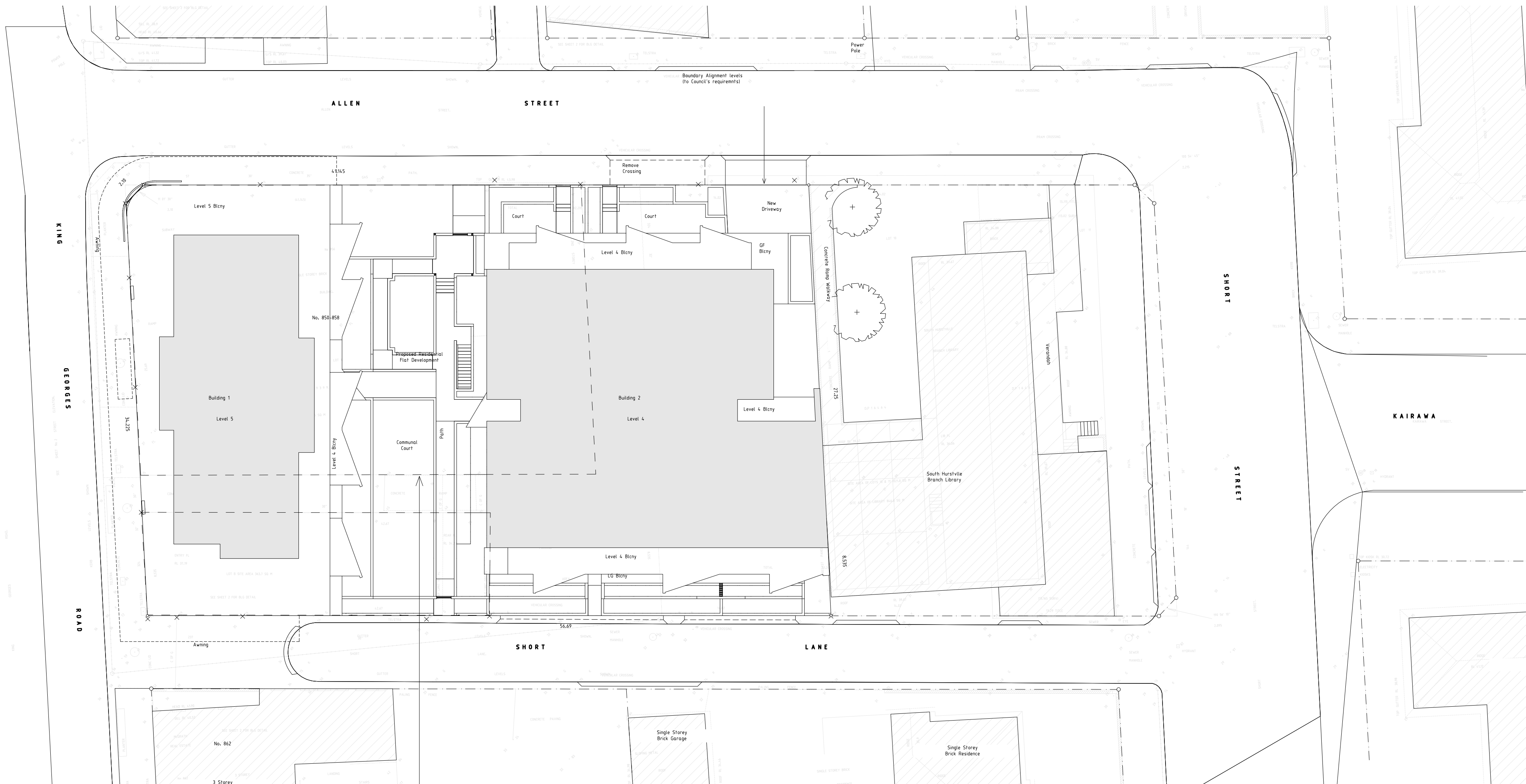
	STORMWATER
	OVERFLOW PIPE
	SUBSOIL
	SEWER DRAINAGE
	VENT PIPE
	COLD WATER
	RAINWATER REUSE
	FIRE HYDRANT
	HOT WATER FLOW
	HOT WATER RETURN
	SOLAR HOT WATER FLOW
	SOLAR HOT WATER RETURN
	GAS
	HIGH LEVEL SERVICE
	EXISTING SERVICE
	TEMPORARY SEDIMENT FENCE
	AUTHORITY WATER MAIN

	FLOW TO ABOVE
	SERVICE TYPE
	SERVICE SIZE
	FLOW TO BELOW
	STORMWATER GRATED PIT
	GRATED TRENCH DRAIN
	STOP VALVE
	THERMOSTATIC MIXING VALVE
	HOSE TAP
	WATER METER
	TUNDISH PENETRATING SLAB
	FLOOR WASTE
	BOUNDARY TRAP
	OVERFLOW GULLY
	CLEAR OUT
	DOUBLE FIRE HYDRANT
	OVERLAND FLOW PATH
	1200x600x500mm DEEP
	1200mm LONG x 600mm WIDE x 500mm DEEP

B	BASIN
BT	BOUNDARY TRAP
CO	CLEAROUT
CW	COLD WATER
DFH	DOUBLE FIRE HYDRANT
DP	DOWNPIPE
DWG NO.	DRAWING NUMBER
Ex or e	EXISTING
FW	FLOOR WASTE
GAS	GAS
GTD	GRATED TRENCH DRAIN
HL	HIGH LEVEL
HT	HOSE TAP
HW	HOT WATER
HWF	HOT WATER FLOW
HWR	HOT WATER RETURN
IL	INVERT LEVEL
OFG	OVERFLOW GULLY
RL	REDUCED LEVEL
RWR	RAINWATER REUSE
SHR	SHOWER
SHWF	SOLAR HOT WATER FLOW
SHWR	SOLAR HOT WATER RETURN
SK	SINK
ST	STACK
SWP	STORMWATER PIT
TD	TUNDISH
TMV	THERMOSTATIC MIXING VALVE
VP	VENT PIPE
WC	WATER CLOSET
WM	WATER METER

DRAWING SCHEDULE

HDA01	LOCALITY PLAN, COVER SHEET & LEGEND
HDA02	SITE PLAN
HDA03	BASEMENT 3 FLOOR PLAN
HDA04	BASEMENT 2 FLOOR PLAN
HDA05	BASEMENT 1 FLOOR PLAN
HDA06	LOWER GROUND FLOOR PLAN
HDA07	GROUND FLOOR PLAN
HDA08	LEVEL 1 - 4 FLOOR PLAN
HDA09	LEVEL 5 FLOOR PLAN
HDA10	DETAIL SHEET #1
HDA11	DETAIL SHEET #2



NOTES:
LAM Consulting Engineers is the owner of the copyright subsisting in these drawings and specification which must not be reproduced or copied without prior written consent. Verify all dimensions on site. Do not scale drawing.



P7	18.10.17	PRELIMINARY ISSUE	AL
P6	11.10.17	PRELIMINARY ISSUE	AL
P5	23.08.17	PRELIMINARY ISSUE	AL
P4	02.03.17	PRELIMINARY ISSUE	AL
P3	01.03.17	PRELIMINARY ISSUE	AL
P2	19.12.16	PRELIMINARY ISSUE	AL
P1	11.11.16	PRELIMINARY ISSUE	AL
Issue	Date	Description	Appd

AMENDMENTS

CONSULTANT

LAM CONSULTING ENGINEERS PTY LTD
SUITE 505, 7 RAILWAY STREET
CHATSWOOD, NSW 2067
T: (02) 9419 6800
E: admin@lamconsulting.com.au
Website: www.lamconsulting.com.au

2016-0409

Job Title

PROPOSED MIXED USE DEVELOPMENT

850 KING GEORGE RD, SOUTH HURSTVILLE
2221

Drawing Title

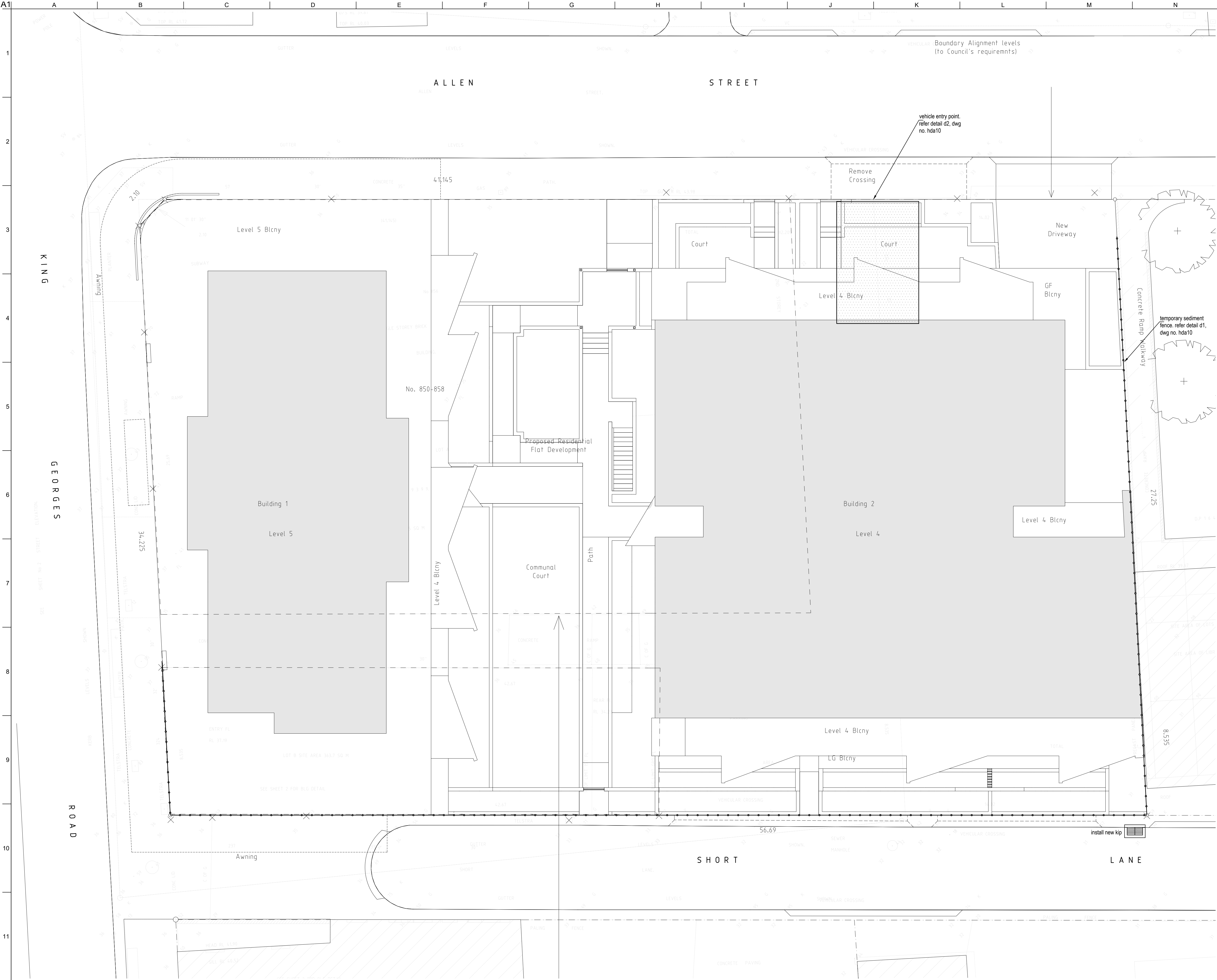
Hydraulic Services
LOCALITY PLAN, COVER SHEET &
LEGEND

Scale NTS @ A1

Drawing Status PRELIMINARY

Job No	Drawn	Checked	Approved
3236	BH	AL	AL

DRAWING NO.	HDA01	Issue P7
-------------	-------	----------



NOTES:
LAM Consulting Engineers is the owner of the copyright subsisting in these drawings and specification which must not be reproduced or copied without prior written consent. Verify all dimensions on site. Do not scale drawing.



P7	18.10.17	PRELIMINARY ISSUE	AL
P6	11.10.17	PRELIMINARY ISSUE	AL
P5	23.08.17	PRELIMINARY ISSUE	AL
P4	02.03.17	PRELIMINARY ISSUE	AL
P3	01.03.17	PRELIMINARY ISSUE	AL
P2	19.12.16	PRELIMINARY ISSUE	AL
P1	11.11.16	PRELIMINARY ISSUE	AL
Issue	Date	Description	Appd

AMENDMENTS

CONSULTANT



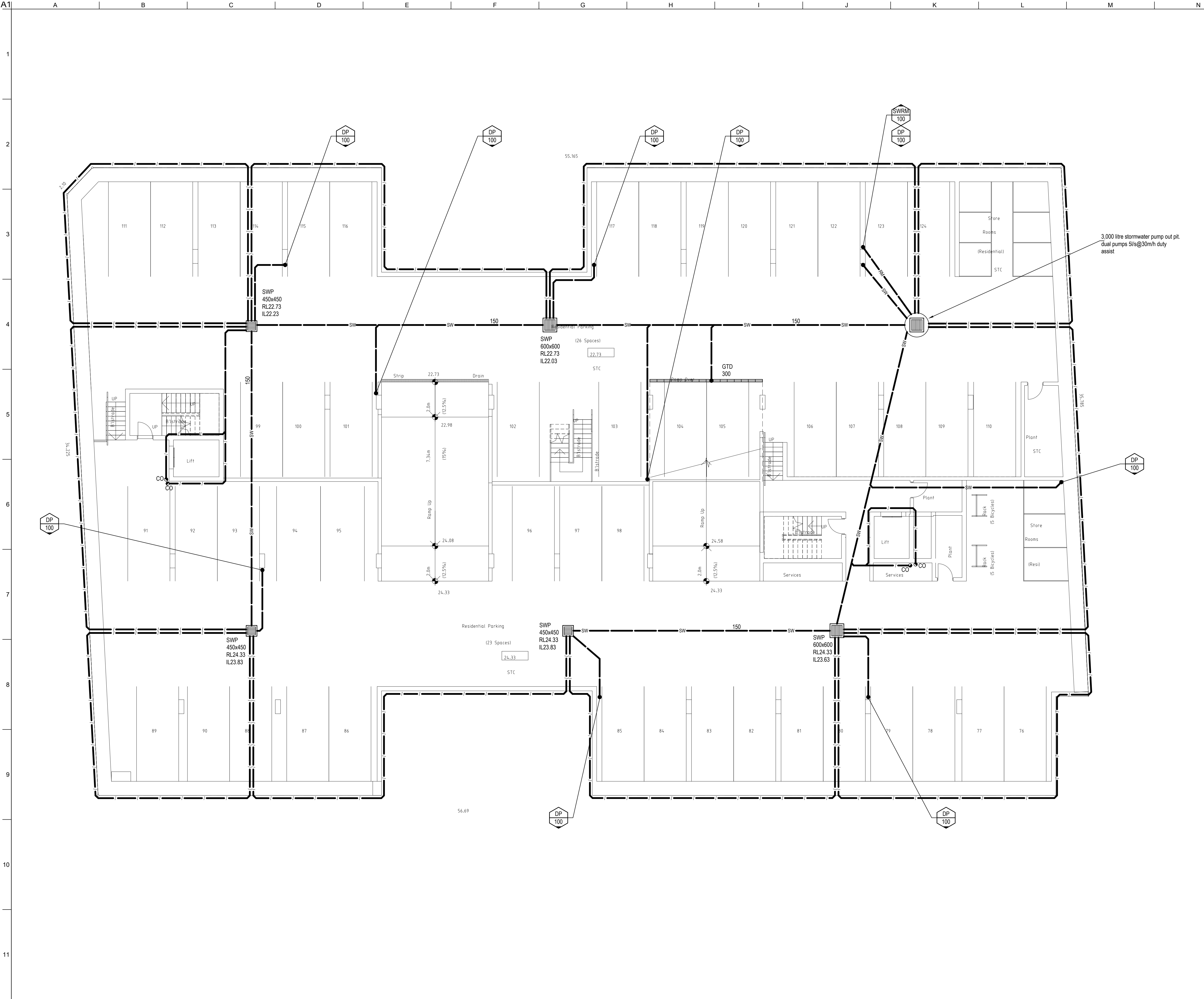
LAM CONSULTING ENGINEERS PTY LTD
SUITE 505, 7 RAILWAY STREET
CHATSWOOD, NSW 2067
T: (02) 9419 6800
E: admin@lamconsulting.com.au
Website: www.lamconsulting.com.au

2016-0409
Job Title
PROPOSED MIXED USE DEVELOPMENT
850 KING GEORGE RD, SOUTH HURSTVILLE 2221

Drawing Title
Hydraulic Services SITE PLAN

Scale
1:200 @ A1

Drawing Status	PRELIMINARY		
Job No	Drawn	Checked	Approved
3236	BH	AL	AL
DRAWING NO.	HDA02		Issue P7



NOTES:
LAM Consulting Engineers is the owner of the copyright subsisting in these drawings and specification which must not be reproduced or copied without prior written consent. Verify all dimensions on site. Do not scale drawing.



P7	18.10.17	PRELIMINARY ISSUE	AL
P6	11.10.17	PRELIMINARY ISSUE	AL
P5	23.08.17	PRELIMINARY ISSUE	AL
P4	02.03.17	PRELIMINARY ISSUE	AL
P3	01.03.17	PRELIMINARY ISSUE	AL
P2	19.12.16	PRELIMINARY ISSUE	AL
P1	11.11.16	PRELIMINARY ISSUE	AL
Issue	Date	Description	Appd

CONSULTANT



LAM CONSULTING ENGINEERS PTY LTD
SUITE 505, 7 RAILWAY STREET
CHATSWOOD, NSW 2067
T: (02) 9419 6800
E: admin@lamconsulting.com.au
Website: www.lamconsulting.com.au

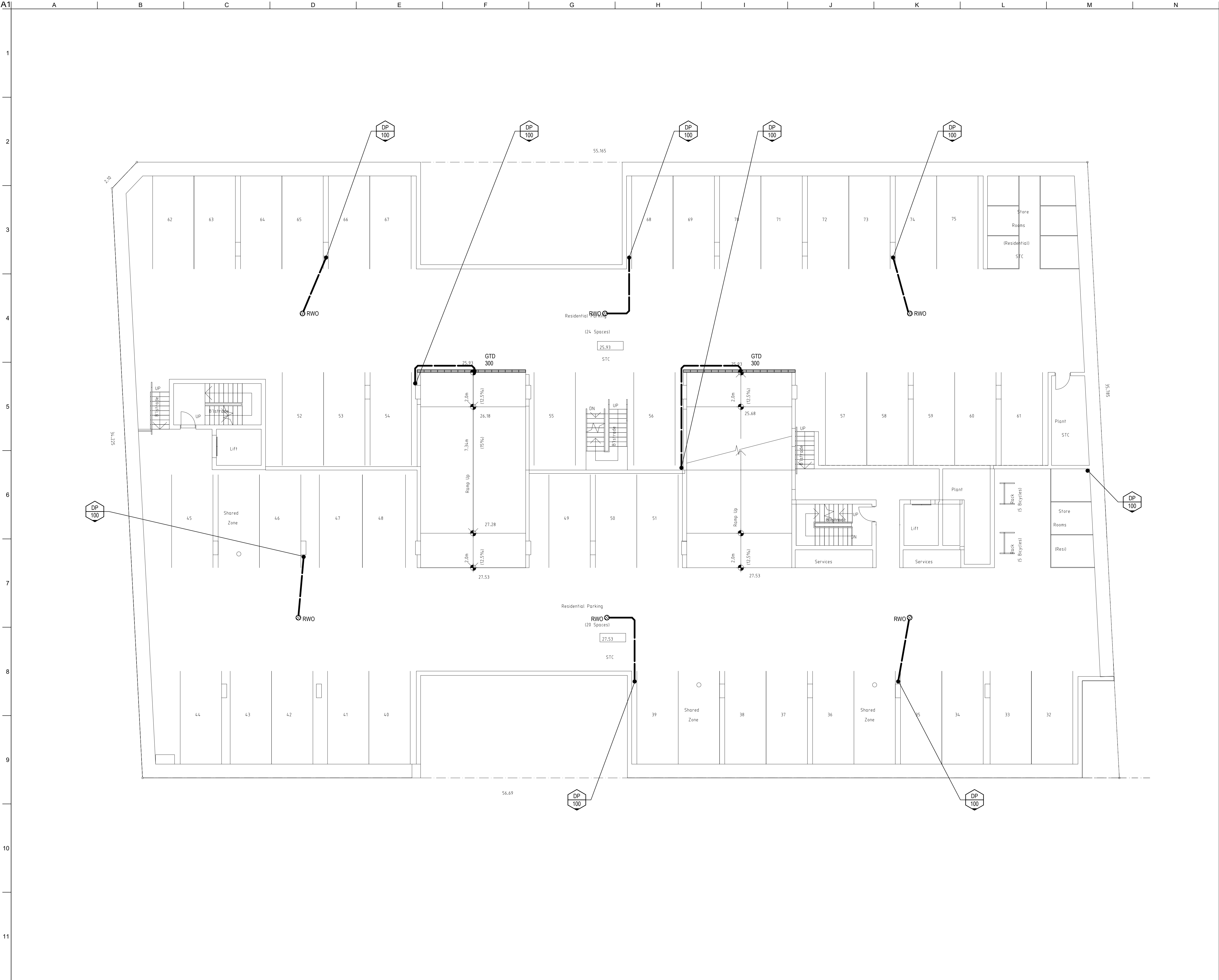
2016-0409

Job Title
**PROPOSED MIXED USE
DEVELOPMENT**
**850 KING GEORGE RD, SOUTH HURSTVILLE
2221**

Drawing Title
**Hydraulic Services
BASEMENT 3 FLOOR PLAN**

Scale
1:100 @ A1

Drawing Status	PRELIMINARY			
Job No	Drawn	Checked	Approved	
3236	BH	AL	AL	
DRAWING NO.	HDA03			Issue P7



NOTES:

LAM Consulting Engineers is the owner of the copyright subsisting in these drawings and specification which must not be reproduced or copied without prior written consent. Verify all dimensions on site. Do not scale drawing.

P7	18.10.17	PRELIMINARY ISSUE	AL
P6	11.10.17	PRELIMINARY ISSUE	AL
P5	23.08.17	PRELIMINARY ISSUE	AL
P4	02.03.17	PRELIMINARY ISSUE	AL
P3	01.03.17	PRELIMINARY ISSUE	AL
P2	19.12.16	PRELIMINARY ISSUE	AL
P1	11.11.16	PRELIMINARY ISSUE	AL
Issue	Date	Description	Appd

AMENDMENTS

CONSULTANT

LAM CONSULTING ENGINEERS PTY LTD
SUITE 505, 7 RAILWAY STREET
CHATSWOOD, NSW 2067
T: (02) 9419 6800
E: admin@lamconsulting.com.au
Website: www.lamconsulting.com.au

2016-0409

Job Title

PROPOSED MIXED USE DEVELOPMENT
850 KING GEORGE RD, SOUTH HURSTVILLE 2221

Drawing Title

Hydraulic Services
BASEMENT 2 FLOOR PLAN

Scale

1:100 @ A1

Drawing Status

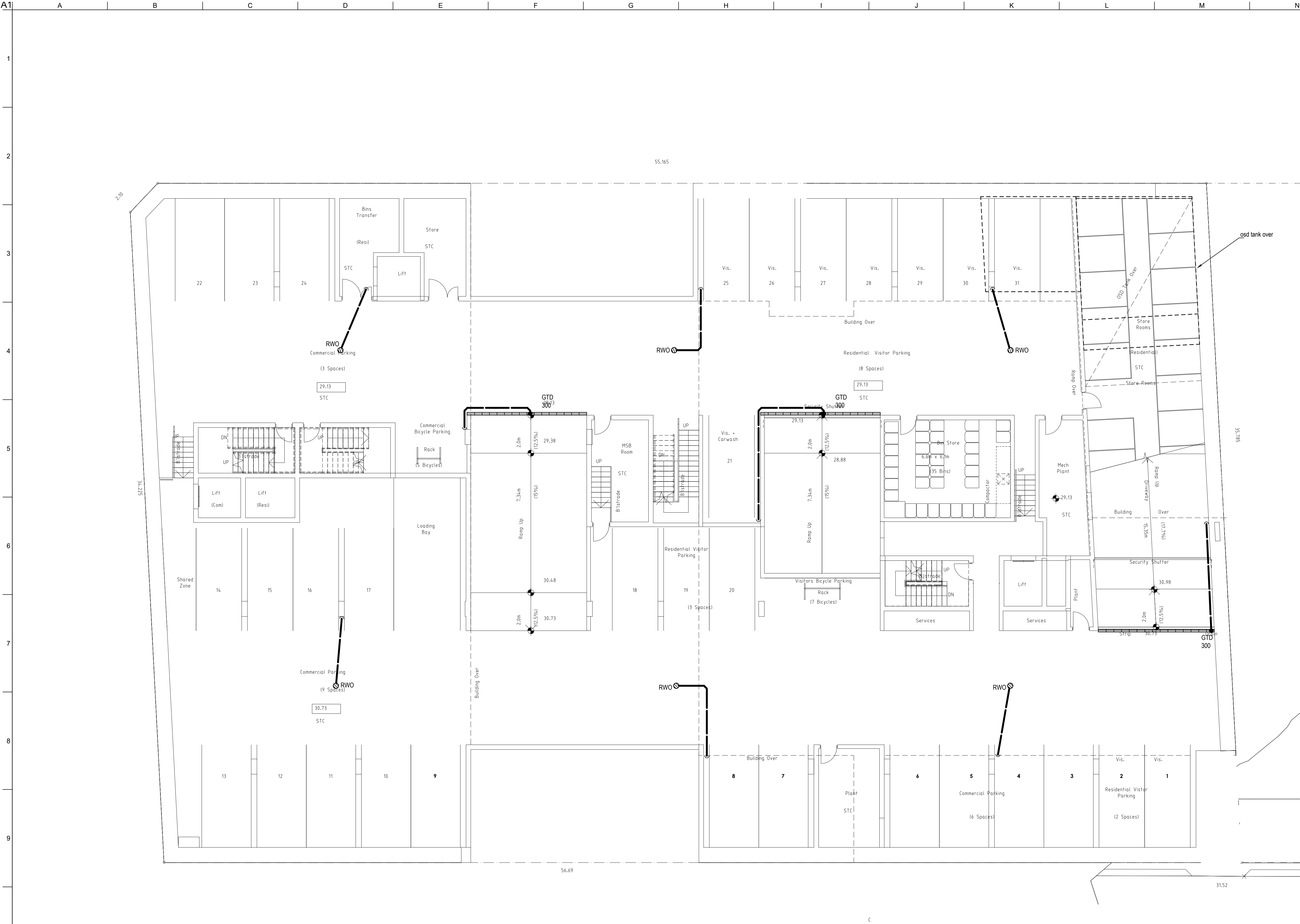
PRELIMINARY

Job No	Drawn	Checked	Approved
3236	BH	AL	AL

DRAWING NO.

HDA04

Issue P7



NOTES:
LAM Consulting Engineers is the owner of the copyright subsisting in these drawings and specification which must not be reproduced or copied without prior written consent. Verify all dimensions on site. Do not scale drawing.



P7	18.10.17	PRELIMINARY ISSUE	AL
P6	11.10.17	PRELIMINARY ISSUE	AL
P5	23.08.17	PRELIMINARY ISSUE	AL
P4	02.03.17	PRELIMINARY ISSUE	AL
P3	01.03.17	PRELIMINARY ISSUE	AL
P2	19.12.16	PRELIMINARY ISSUE	AL
P1	11.11.16	PRELIMINARY ISSUE	AL
Issue	Date	Description	Appd

CONSULTANT

LAM

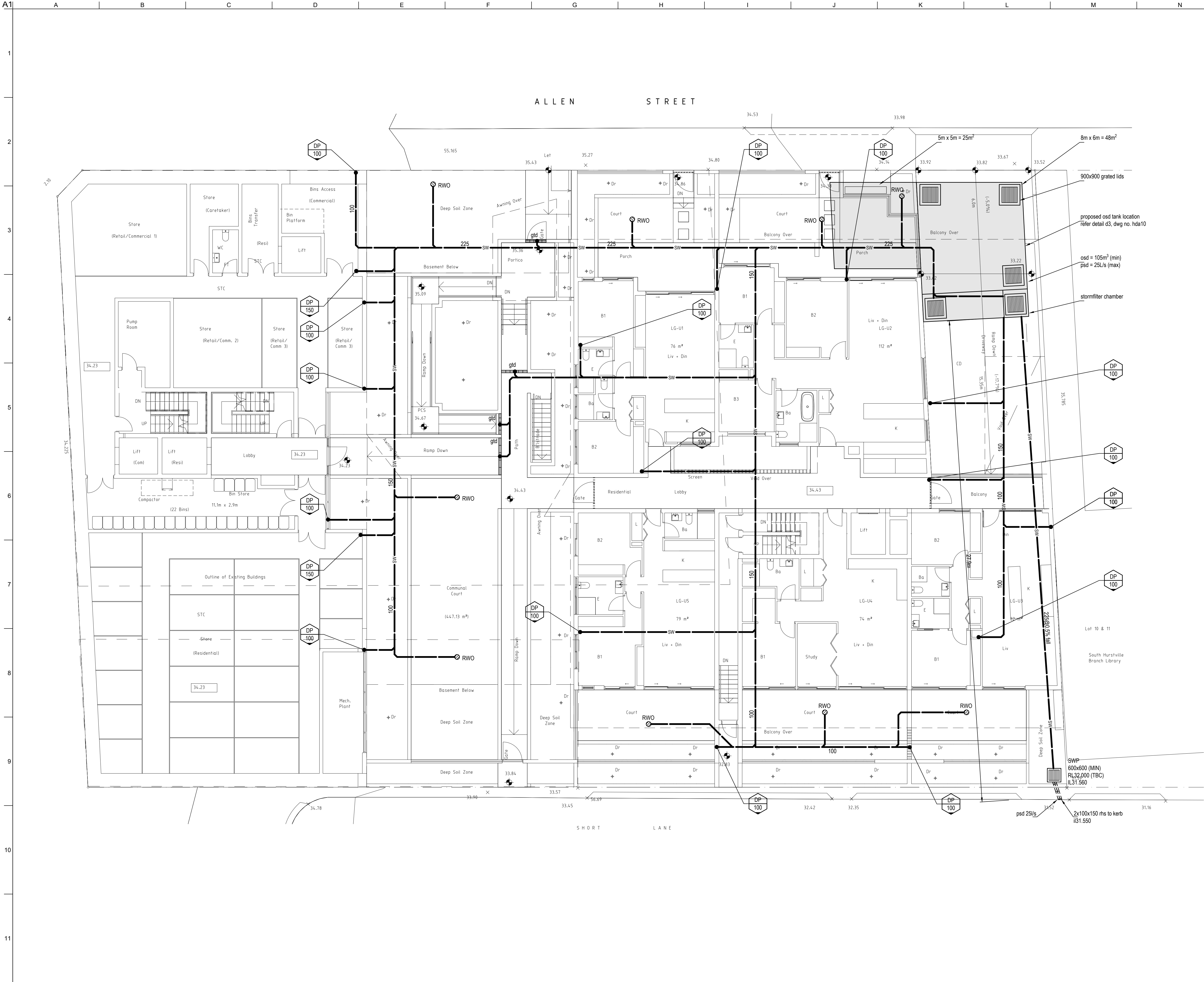
LAM CONSULTING ENGINEERS PTY LTD
SUITE 505, 7 RAILWAY STREET
CHATSWOOD, NSW 2067
T: (02) 9419 6800
E: admin@lamconsulting.com.au
Website: www.lamconsulting.com.au

2016-0409
Job Title
PROPOSED MIXED USE DEVELOPMENT
850 KING GEORGE RD, SOUTH HURSTVILLE 2221

Drawing Title
Hydraulic Services
BASEMENT 1 FLOOR PLAN

Scale
1:100 @ A1

Drawing Status	PRELIMINARY			
Job No	Drawn	Checked	Approved	
3236	BH	AL	AL	
DRAWING NO.	HDA05			Issue P7



NOTES:
LAM Consulting Engineers is the owner of the copyright subsisting in these drawings and specification which must not be reproduced or copied without prior written consent. Verify all dimensions on site. Do not scale drawing.



P7	18.10.17	PRELIMINARY ISSUE	AL
P6	11.10.17	PRELIMINARY ISSUE	AL
P5	23.08.17	PRELIMINARY ISSUE	AL
P4	02.03.17	PRELIMINARY ISSUE	AL
P3	01.03.17	PRELIMINARY ISSUE	AL
P2	19.12.16	PRELIMINARY ISSUE	AL
P1	11.11.16	PRELIMINARY ISSUE	AL
Issue	Date	Description	Appd

CONSULTANT

LAM CONSULTING ENGINEERS PTY LTD
SUITE 505, 7 RAILWAY STREET
CHATSWOOD, NSW 2067
T: (02) 9419 6800
E: admin@lamconsulting.com.au
Website: www.lamconsulting.com.au

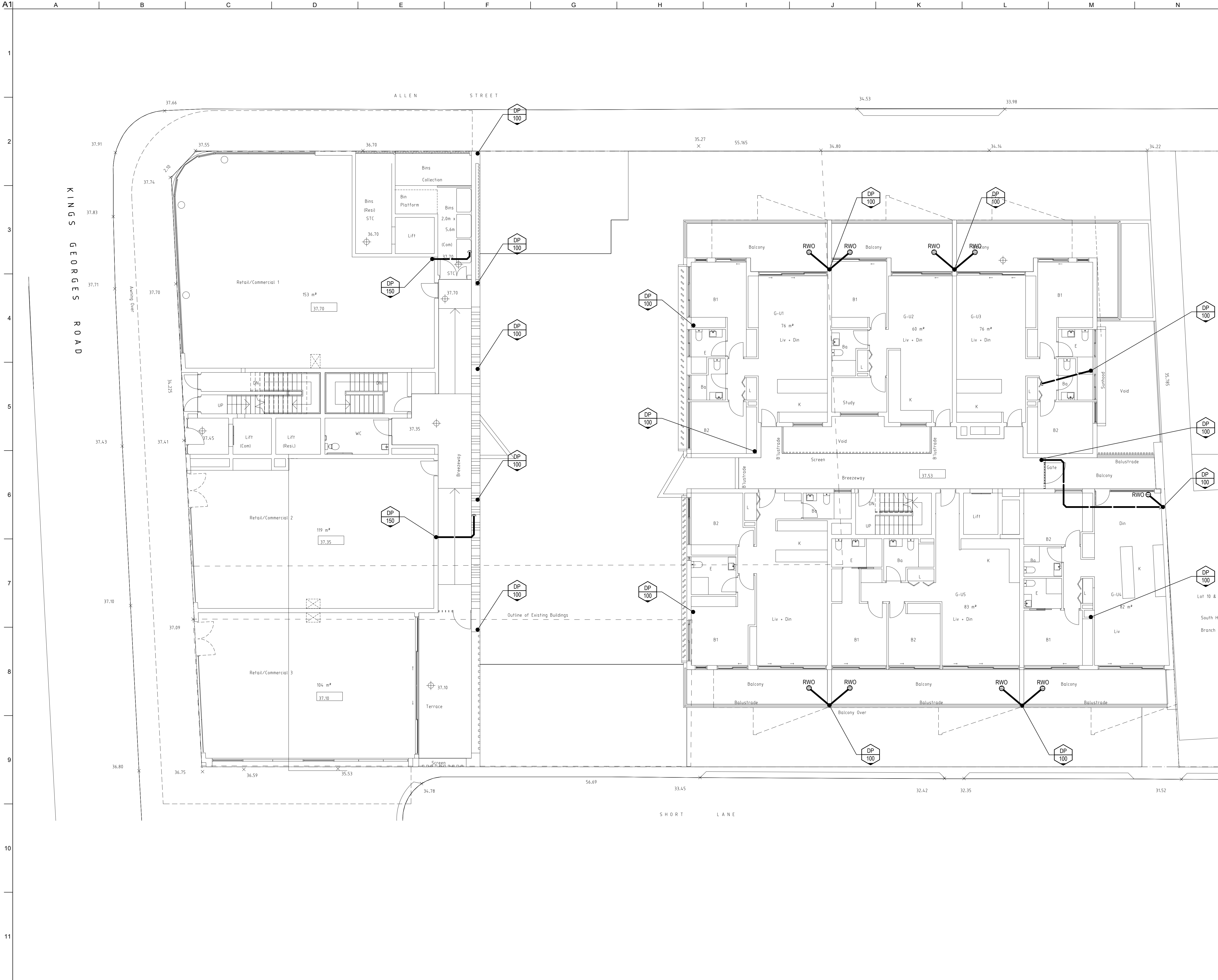
2016-0409

Job Title
PROPOSED MIXED USE DEVELOPMENT
850 KING GEORGE RD, SOUTH HURSTVILLE 2221

Drawing Title
Hydraulic Services
LOWER GROUND FLOOR PLAN

Scale
1:100 @ A1

Drawing Status	PRELIMINARY		
Job No	Drawn	Checked	Approved
3236	BH	AL	AL
DRAWING NO.	HDA06		Issue P7



NOTES:
LAM Consulting Engineers is the owner of the copyright subsisting in these drawings and specification which must not be reproduced or copied without prior written consent. Verify all dimensions on site. Do not scale drawing.



P7	18.10.17	PRELIMINARY ISSUE	AL
P6	11.10.17	PRELIMINARY ISSUE	AL
P5	23.08.17	PRELIMINARY ISSUE	AL
P4	02.03.17	PRELIMINARY ISSUE	AL
P3	01.03.17	PRELIMINARY ISSUE	AL
P2	19.12.16	PRELIMINARY ISSUE	AL
P1	11.11.16	PRELIMINARY ISSUE	AL
Issue	Date	Description	Appd

AMENDMENTS

CONSULTANT

LAM LAM CONSULTING ENGINEERS PTY LTD
SUITE 505, 7 RAILWAY STREET
CHATSWOOD, NSW 2067
T: (02) 9419 6800
E: admin@lamconsulting.com.au
Website: www.lamconsulting.com.au

2016-0409

Job Title

**PROPOSED MIXED USE
DEVELOPMENT**
**850 KING GEORGE RD, SOUTH HURSTVILLE
2221**

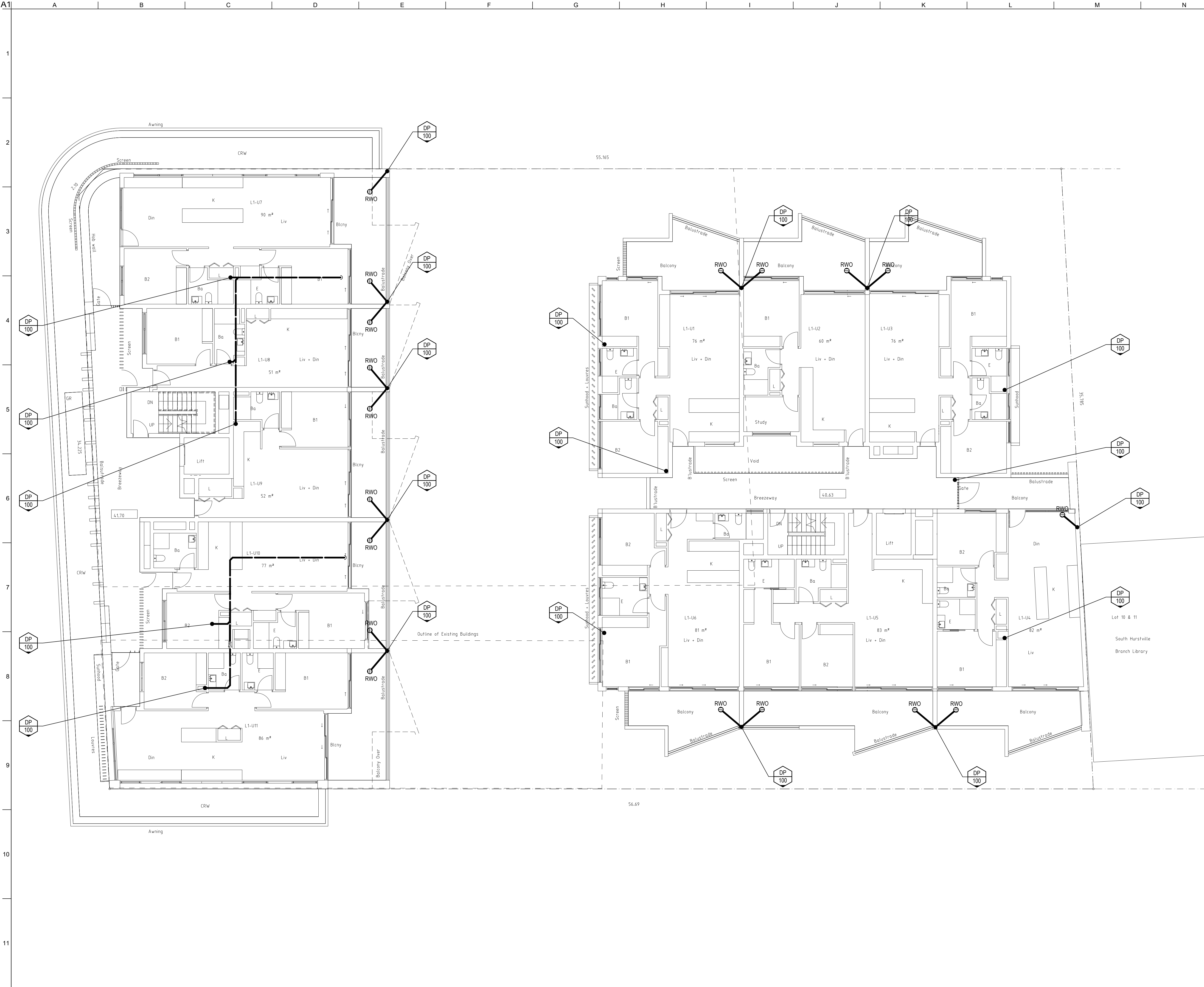
Drawing Title
**Hydraulic Services
GROUND FLOOR PLAN**

Scale
1:100 @ A1

Drawing Status
PRELIMINARY

Job No	Drawn	Checked	Approved
3236	BH	AL	AL

DRAWING NO.	HDA07	Issue
		P7



NOTES:
LAM Consulting Engineers is the owner of the copyright subsisting in these drawings and specification which must not be reproduced or copied without prior written consent. Verify all dimensions on site. Do not scale drawing.



P7	18.10.17	PRELIMINARY ISSUE	AL
P6	11.10.17	PRELIMINARY ISSUE	AL
P5	23.08.17	PRELIMINARY ISSUE	AL
P4	02.03.17	PRELIMINARY ISSUE	AL
P3	01.03.17	PRELIMINARY ISSUE	AL
P2	19.12.16	PRELIMINARY ISSUE	AL
P1	11.11.16	PRELIMINARY ISSUE	AL
Issue	Date	Description	Appd

CONSULTANT



LAM CONSULTING ENGINEERS PTY LTD
SUITE 505, 7 RAILWAY STREET
CHATSWOOD, NSW 2067
T: (02) 9419 6800
E: admin@lamconsulting.com.au
Website: www.lamconsulting.com.au

2016-0409

Job Title

PROPOSED MIXED USE DEVELOPMENT

850 KING GEORGE RD, SOUTH HURSTVILLE 2221

Drawing Title

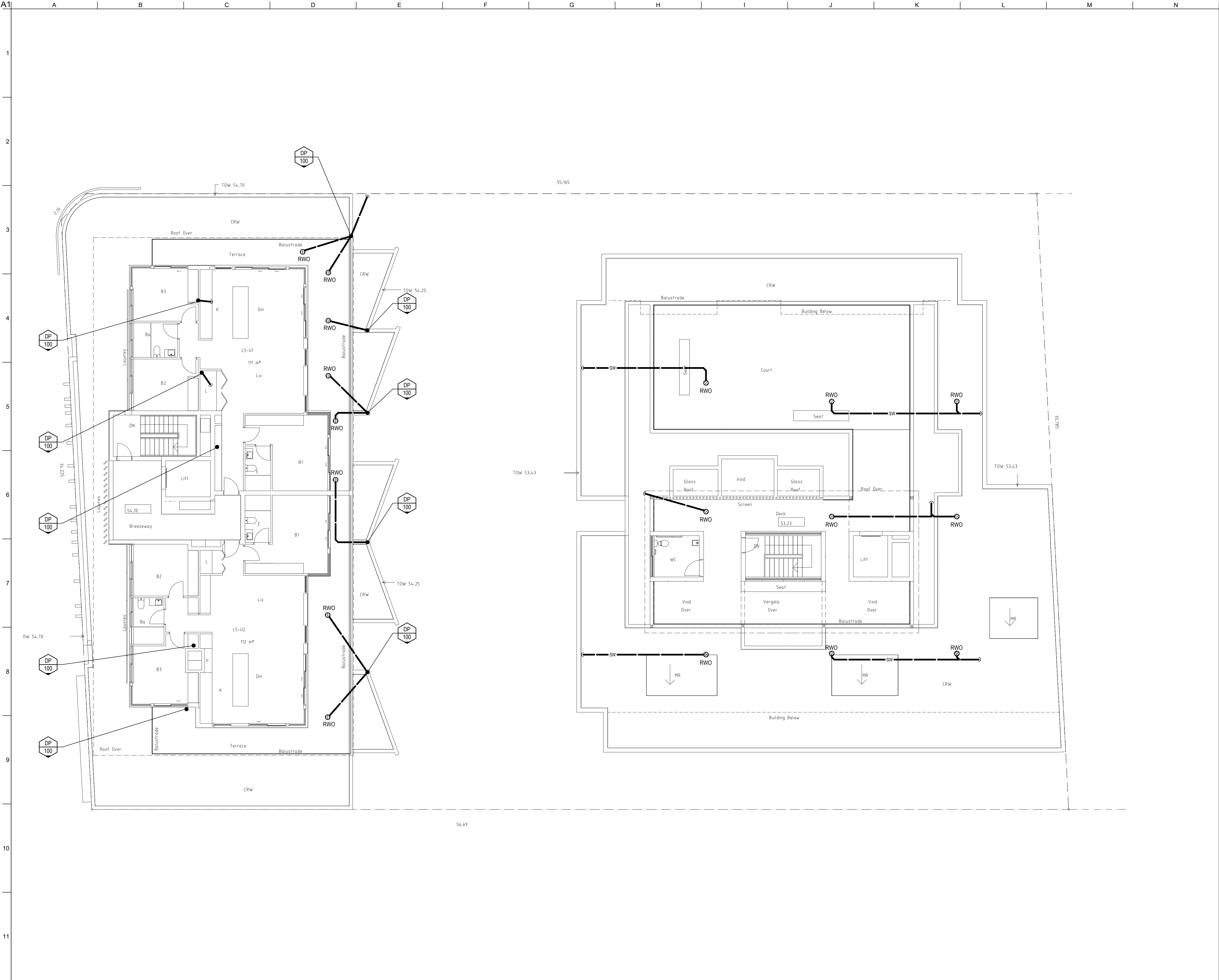
Hydraulic Services

LEVEL 1 - 4 FLOOR PLAN

Scale

1:100 @ A1

Drawing Status	PRELIMINARY		
Job No	Drawn	Checked	Approved
3236	BH	AL	AL
DRAWING NO.	HDA08		Issue P7



NOTES:

LAM Consulting Engineers is the owner of the copyright subsisting in these drawings and specification which must not be reproduced or copied without prior written consent. Verify all dimensions on site. Do not scale drawing.

P7	18.10.17	PRELIMINARY ISSUE	AL
P6	11.10.17	PRELIMINARY ISSUE	AL
P5	23.08.17	PRELIMINARY ISSUE	AL
P4	02.03.17	PRELIMINARY ISSUE	AL
P3	01.03.17	PRELIMINARY ISSUE	AL
P2	19.12.16	PRELIMINARY ISSUE	AL
P1	11.11.16	PRELIMINARY ISSUE	AL
Issue	Date	Description	Appd

AMENDMENTS

CONSULTANT

LAM CONSULTING ENGINEERS PTY LTD
SUITE 505, 7 RAILWAY STREET
CHATSWOOD, NSW 2067
T: (02) 9419 6800
E: admin@lamconsulting.com.au
Website: www.lamconsulting.com.au

2016-0409

Job Title

PROPOSED MIXED USE DEVELOPMENT
850 KING GEORGE RD, SOUTH HURSTVILLE 2221

Drawing Title

Hydraulic Services
LEVEL 5 FLOOR PLAN

Scale

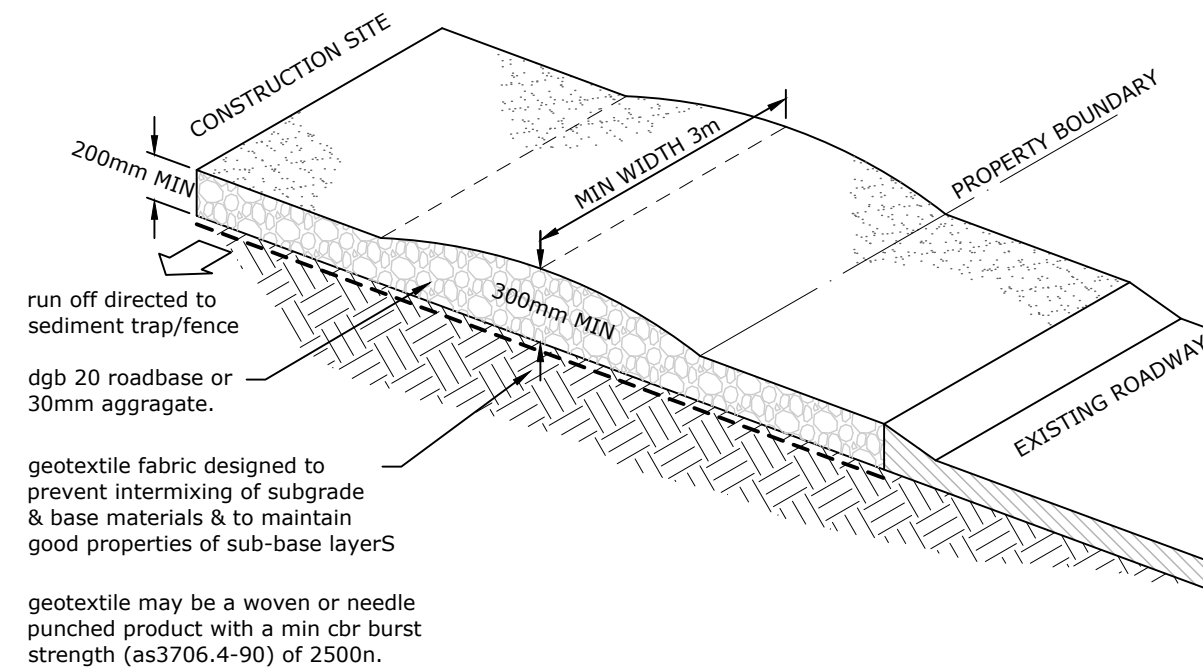
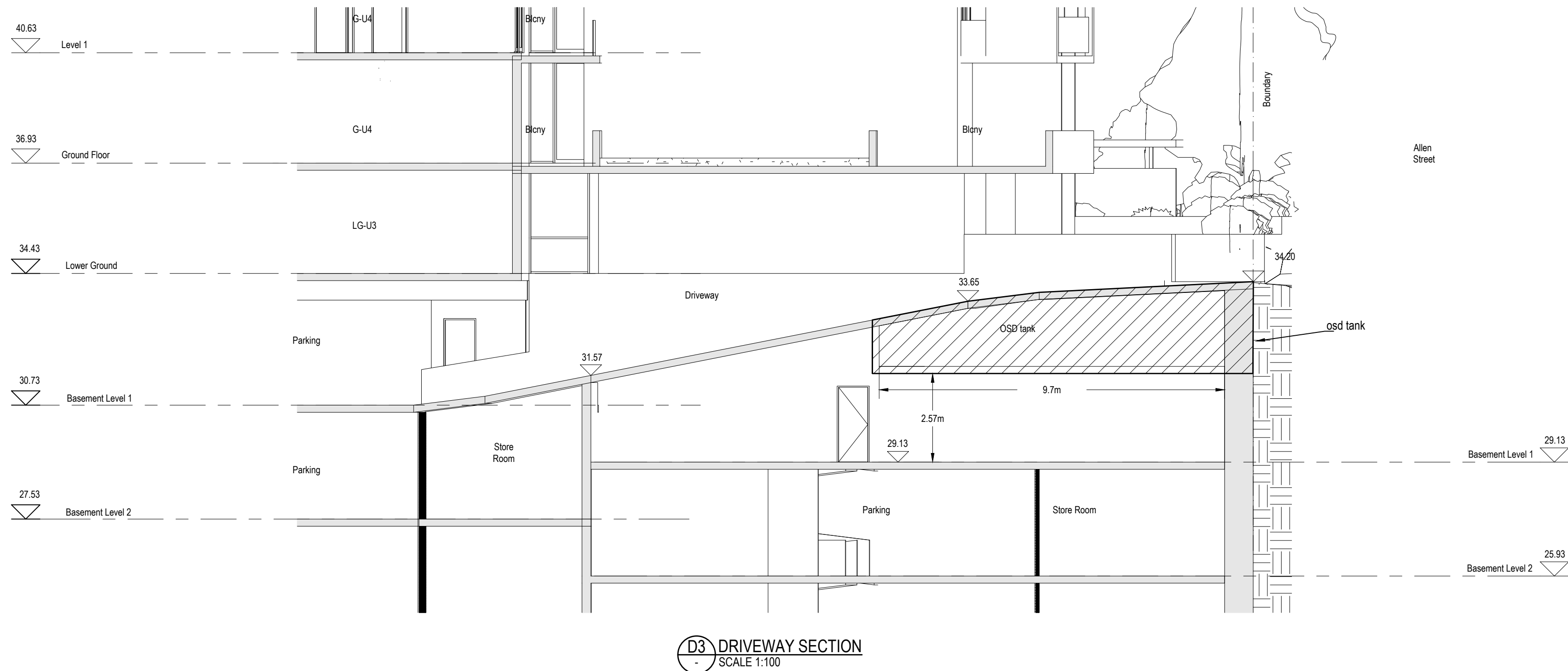
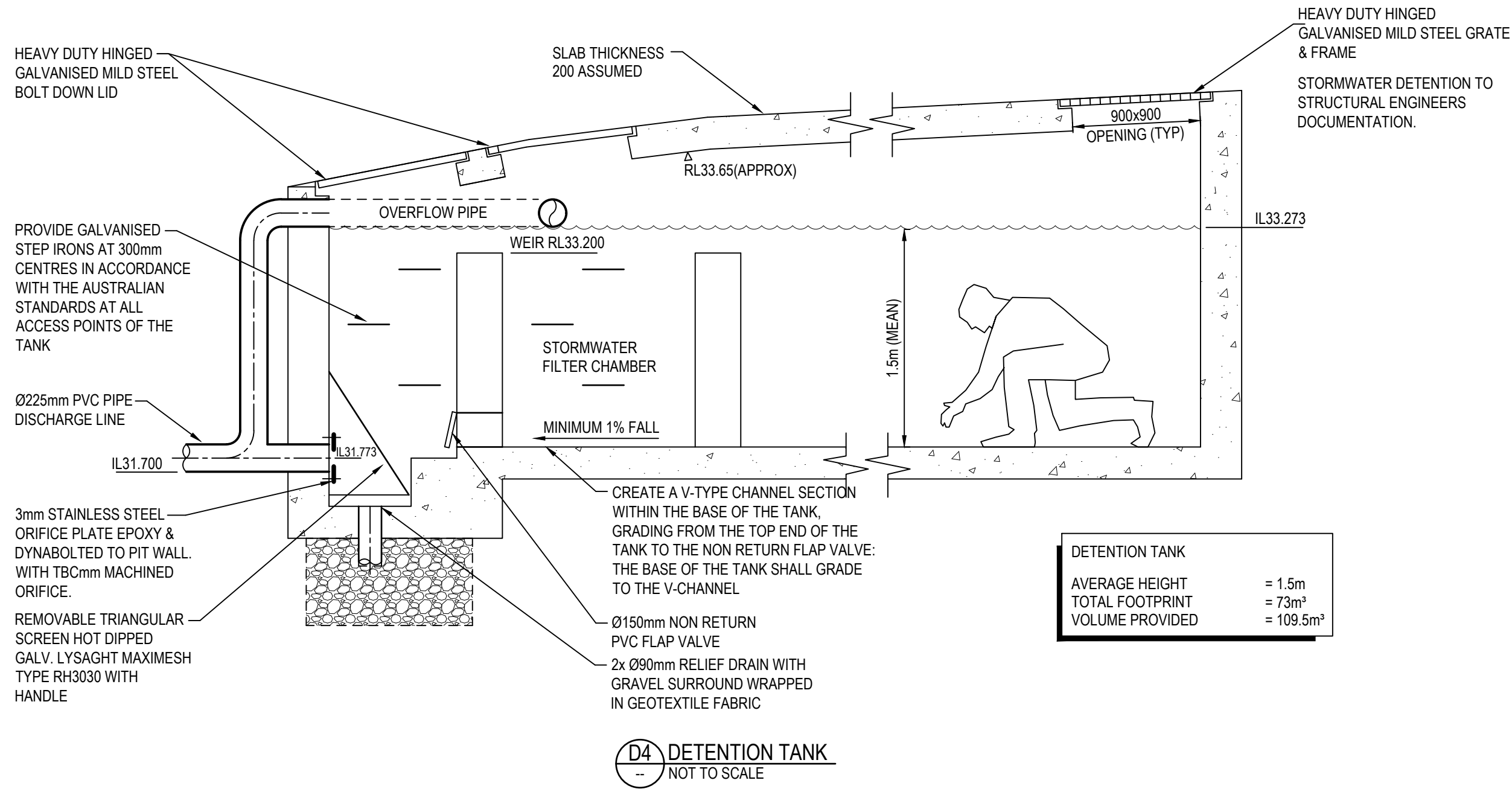
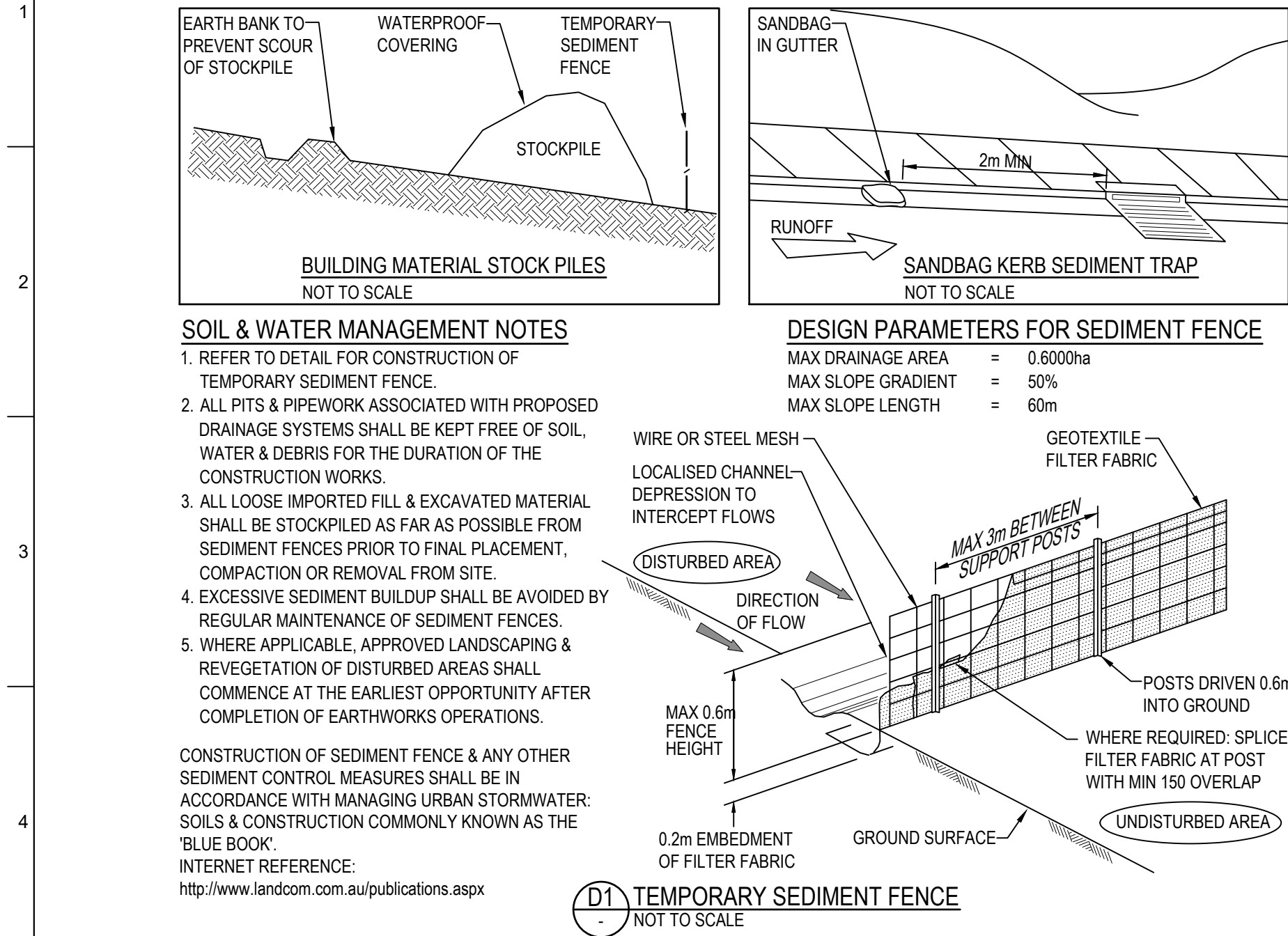
1:100 @ A1

Drawing Status

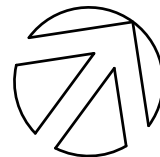
PRELIMINARY

Job No	Drawn	Checked	Approved
3236	BH	AL	AL

DRAWING NO. HDA09 Issue P7



NOTES:
LAM Consulting Engineers is the owner of the copyright subsisting in these drawings and specification which must not be reproduced or copied without prior written consent. Verify all dimensions on site. Do not scale drawing.



P7	18.10.17	PRELIMINARY ISSUE	AL
P6	11.10.17	PRELIMINARY ISSUE	AL
P5	23.08.17	PRELIMINARY ISSUE	AL
P4	02.03.17	PRELIMINARY ISSUE	AL
P3	01.03.17	PRELIMINARY ISSUE	AL
P2	19.12.16	PRELIMINARY ISSUE	AL
P1	11.11.16	PRELIMINARY ISSUE	AL
Issue	Date	Description	Appd

CONSULTANT

LAM LAM CONSULTING ENGINEERS PTY LTD
SUITE 505, 7 RAILWAY STREET
CHATSWOOD, NSW 2067
T: (02) 9419 6800
E: admin@lamconsulting.com.au
Website: www.lamconsulting.com.au

2016-0409

Job Title

PROPOSED MIXED USE DEVELOPMENT

850 KING GEORGE RD, SOUTH HURSTVILLE 2221

Drawing Title

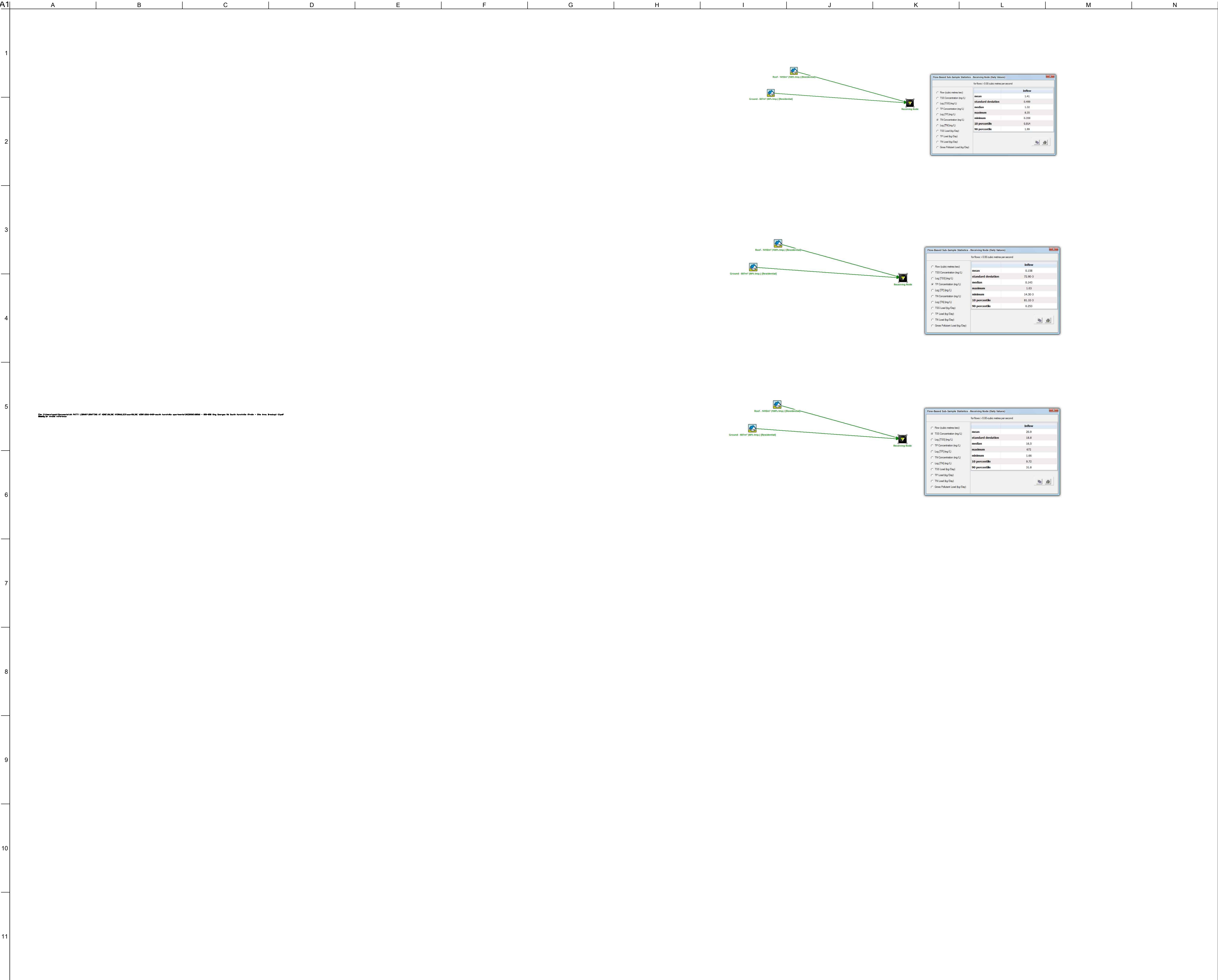
Hydraulic Services

DETAIL SHEET #1

Scale

N.T.S @ A1

Drawing Status	PRELIMINARY			
Job No	Drawn	Checked	Approved	
3236	BH	AL	AL	
DRAWING NO.	HDA10			Issue
				P7



NOTES:
LAM Consulting Engineers is the owner of the copyright subsisting in these drawings and specification which must not be reproduced or copied without prior written consent. Verify all dimensions on site. Do not scale drawing.



P7	18.10.17	PRELIMINARY ISSUE	AL
P6	11.10.17	PRELIMINARY ISSUE	AL
P5	23.08.17	PRELIMINARY ISSUE	AL
P4	02.03.17	PRELIMINARY ISSUE	AL
P3	01.03.17	PRELIMINARY ISSUE	AL
P2	19.12.16	PRELIMINARY ISSUE	AL
P1	11.11.16	PRELIMINARY ISSUE	AL
Issue	Date	Description	Appd

AMENDMENTS

CONSULTANT

LAM

LAM CONSULTING ENGINEERS PTY LTD
SUITE 505, 7 RAILWAY STREET
CHATSWOOD, NSW 2067
T: (02) 9419 6800
E: admin@lamconsulting.com.au
Website: www.lamconsulting.com.au

2016-0409

Job Title

PROPOSED MIXED USE DEVELOPMENT

850 KING GEORGE RD, SOUTH HURSTVILLE 2221

Drawing Title

Hydraulic Services

DETAIL SHEET #2

Scale

N.T.S @ A1

Drawing Status	PRELIMINARY		
Job No	Drawn	Checked	Approved
3236	BH	AL	AL
DRAWING NO.	HDA11		Issue P7