

NOTES:

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- 4) ORIGIN OF LEVELS
BM.EHC6 RL=28.99
CORNER OF AWATEA & WIGRAM ROADS

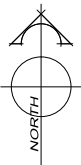
LEVELS IN TERMS OF CHRISTCHURCH DRAINAGE DATUM, JANUARY 2012 ISSUE

SERVICES

- SANITARY SEWER MH
- SANITARY SEWER PRESSURE MAIN
- EX SEWER MAIN
- KERB
- METAL WRAPPED RAFT
- PILED WITH CONCRETE RAFT



AMENDMENTS:		
AMENDMENT	DATE	DESCRIPTION
R1	12.2.13	RAFTING ADDED




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CORNER OF AWATEA & WIGRAM ROADS

LEVELS IN TERMS OF CHRISTCHURCH DRAINAGE DATUM.
JANUARY 2012 ISSUE

SERVICES

- SANITARY SEWER ———— MH ————
- SANITARY SEWER PRESSURE MAIN ————
- EX SEWER MAIN ————
- KERB ————
- METAL WRAPPED RAFT ————
- PILED WITH CONCRETE RAFT ————


DAVIE LOVELL • SMITH
PLANNING SURVEYING ENGINEERING

79 Cambridge Terrace P O Box 679 Christchurch 8140, New Zealand
Telephone: 03 379-0793 Fax: 03 379-5664 E-mail: office@dls.co.nz

JOB TITLE:
**Fulton Hogan Land Development Ltd
Knights Stream**

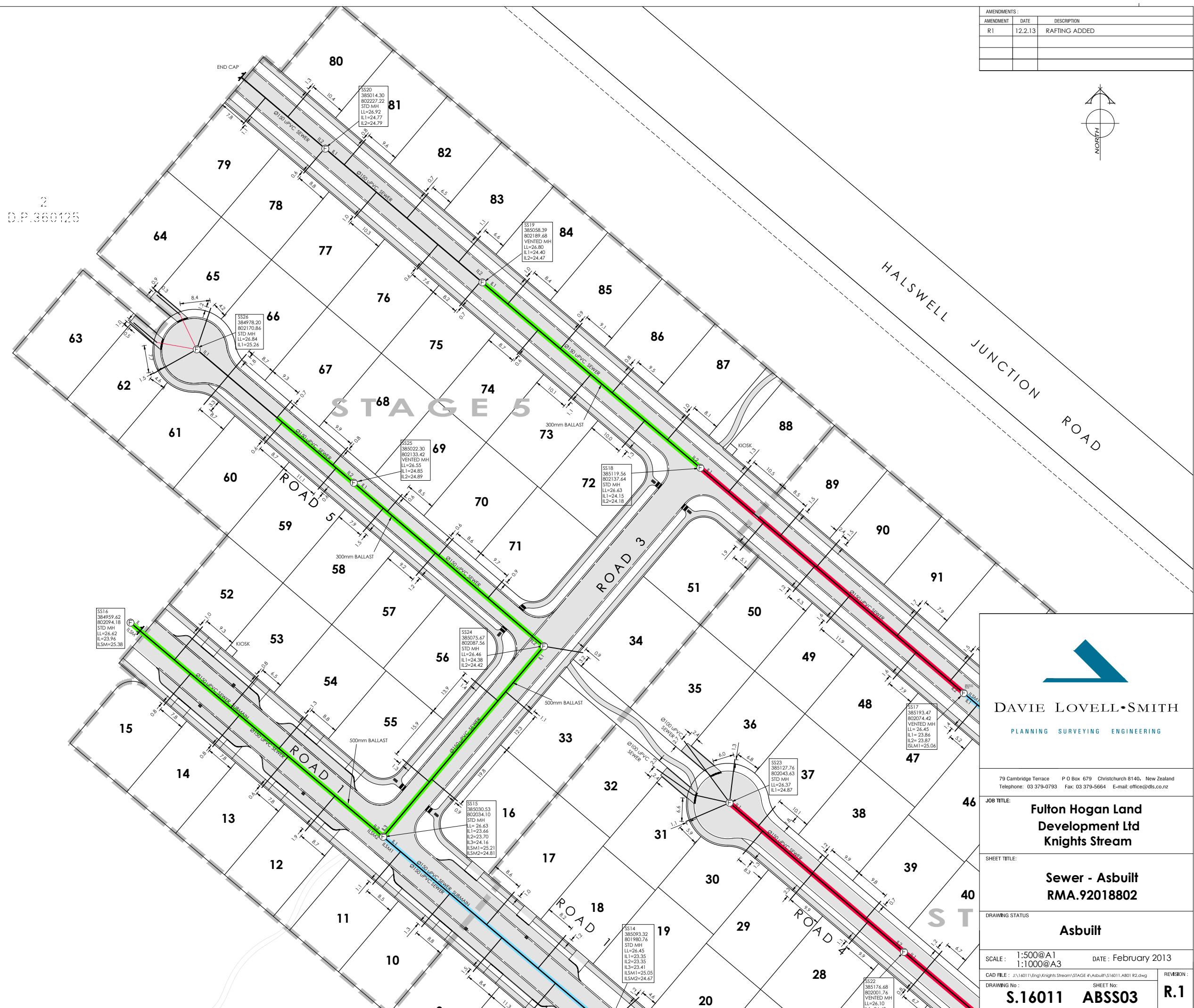
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**Sewer - Asbuilt
RMA.92018802**

DRAWING STATUS:
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DATE: February 2013

CAD FILE: J:\16011\Eng\Knights Stream\STAGE 4\Asbuilt\316011.AB01 R2.dwg
DRAWING No: S.16011
SHEET No: ABSS02
REVISION: R.1

-



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	JOB TITLE:
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**Fulton Hogan Land
Development Ltd
Knights Stream**

SHEET TITLE:	

Sewer - Asbuilt
RMA.92018802

DRAWING STATUS	
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Asbuilt

SCALE : 1:500@A1
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DATE: February 2013

CAD FILE : J:\16011\Eng\Knights Stream\STAGE 4\Asbuilt\16011_AB01 R2.dwg

DRAWING No :		SHEET No:	
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S.16011 ABSS03

REVISION :

D.4



AMENDMENTS:		
AMENDMENT	DATE	DESCRIPTION
R1	12.2.13	RAFTING ADDED

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CORNER OF AWATEA & WIGRAM ROADS
- LEVELS IN TERMS OF CHRISTCHURCH DRAINAGE DATUM.
JANUARY 2012 ISSUE

SERVICES	
STORMWATER	—○—
GROUNDWATER	—○—
KERB	—
METAL WRAPPED RAFT	—

	NAME	SIGNED	DATE
DESIGNED BY	MATTHEW WENBORN		
CHECKED BY	ANDY HALL		



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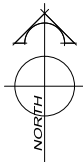
JOB TITLE:
Fulton Hogan Land Development Ltd Knights Stream

SHEET TITLE:
Stormwater - Asbuilt RMA.92018802

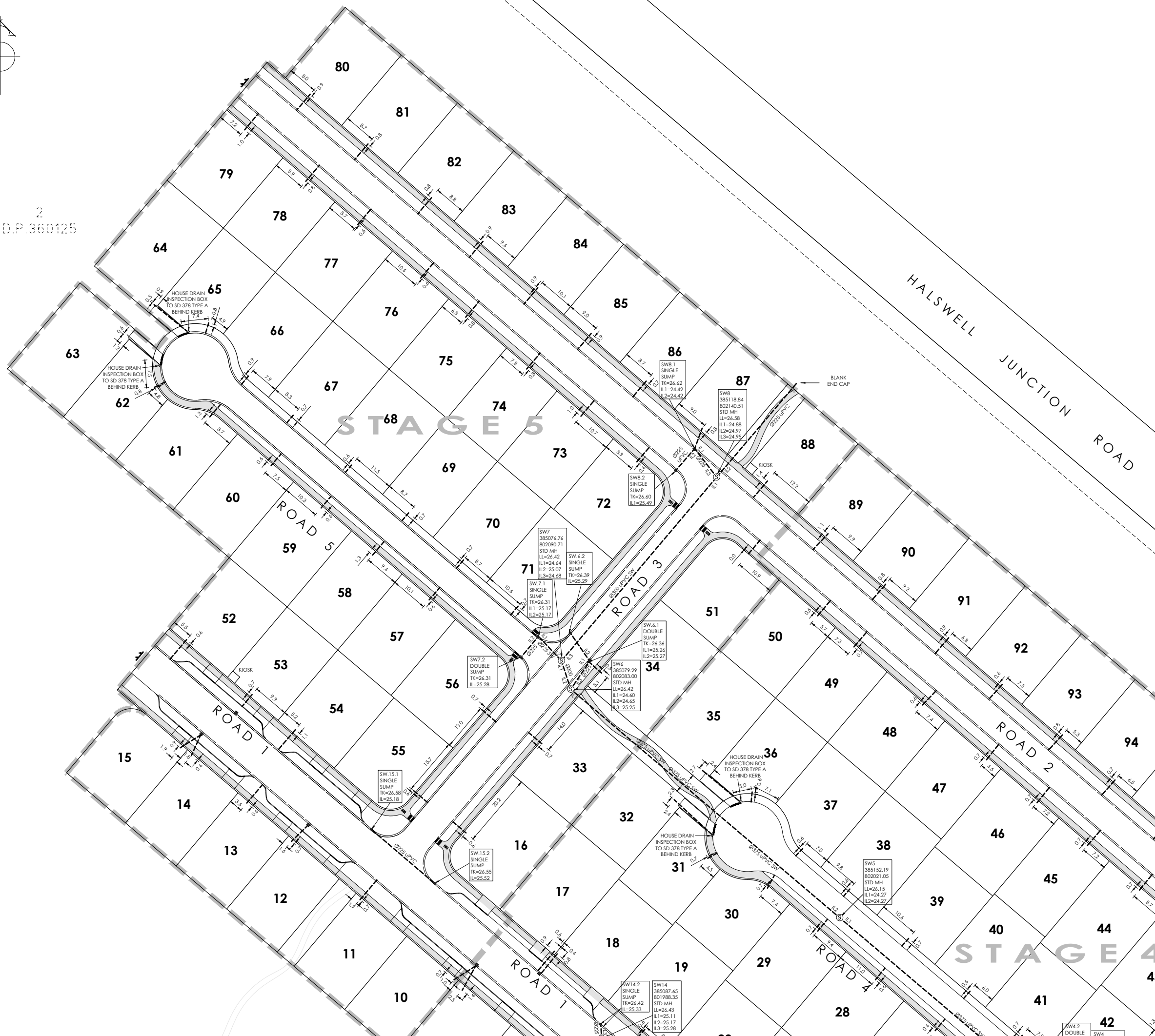
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SCALE: 1:500@A1 1:1000@A3 DATE: February 2013

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DRAWING No: S.16011	SHEET No: ABSW01
	R.1



2
D.P.360125



AMENDMENTS:		
AMENDMENT	DATE	DESCRIPTION
R1	12.2.13	RAFTING ADDED

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LEVELS IN TERMS OF CHRISTCHURCH
DRAINAGE DATUM.
JANUARY 2012 ISSUE

SERVICES

STORMWATER	
GROUNDWATER	
KERB	
METAL WRAPPED RAFT	

	NAME	SIGNED	DATE
DESIGNED BY	MATTHEW WENBORN		
CHECKED BY	ANDY HALL		



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JOB TITLE:
**Fulton Hogan Land Development Ltd
Knights Stream**

SHEET TITLE:
**Stormwater - Asbuilt
RMA.92018802**

DRAWING STATUS:
Asbuilt

SCALE: 1:500@A1
1:1000@A3
DATE: February 2013

CAD FILE: J:\16011\Eng\Knights Stream\STAGE 4\Asbuilt\16011.AB01 R2.dwg

DRAWING No: SHEET No:

S.16011 ABSW02 R.1



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LEVELS IN TERMS OF CHRISTCHURCH DRAINAGE DATUM.
JANUARY 2012 ISSUE

SERVICES

EXISTING WATER	VALVE	FIRE HYDRANT	END CAP
AS BUILT WATER	VALVE	FIRE HYDRANT	END CAP
KERB			

	NAME	SIGNED	DATE
DESIGNED BY	MATTHEW WENBORN		
CHECKED BY	ANDY HALL		


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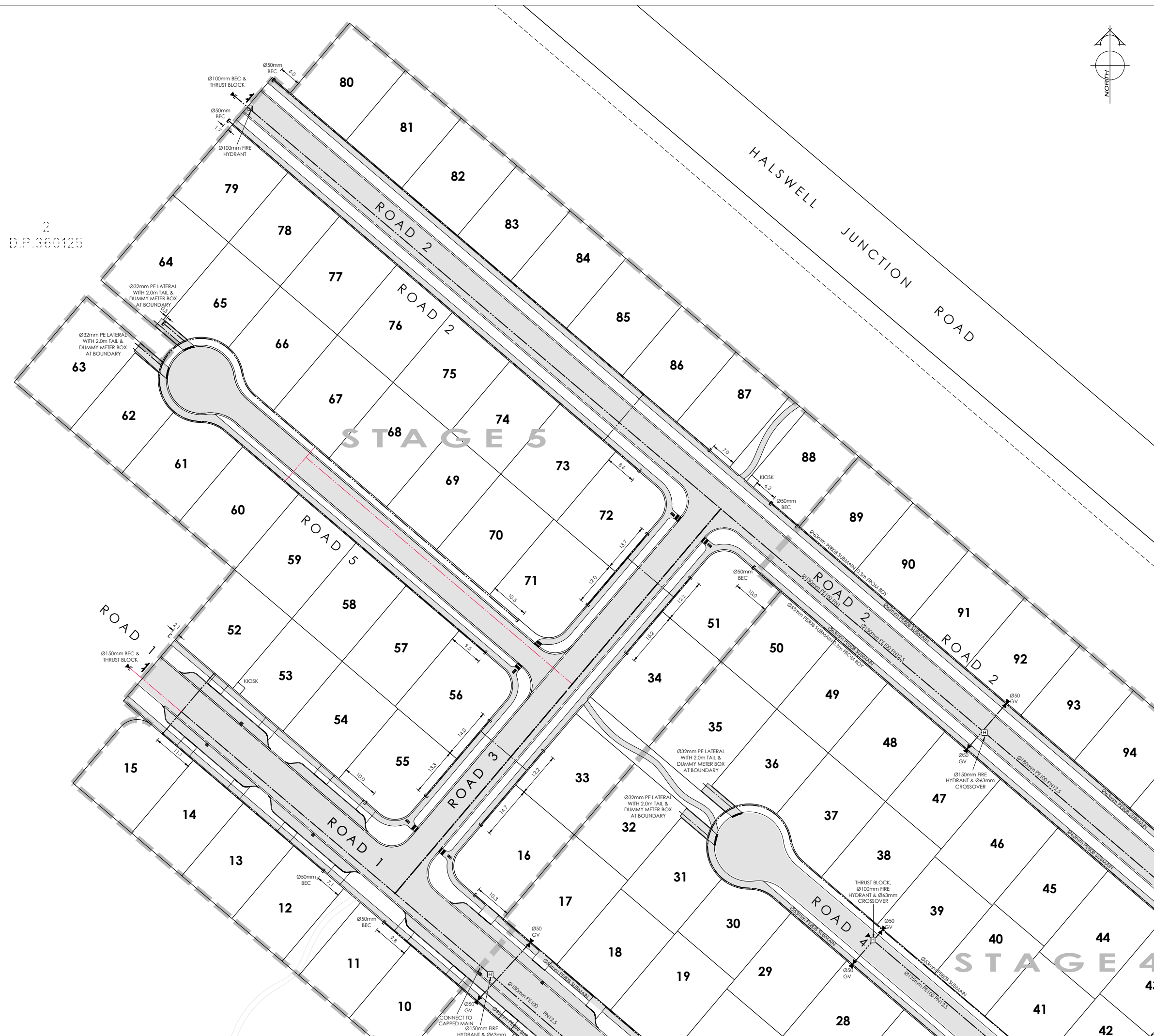
JOB TITLE:
**Fulton Hogan Land Development Ltd
Knights Stream**

SHEET TITLE:
**Water - Asbuilt
RMA.92018802**

DRAWING STATUS:
Asbuilt

SCALE: 1:500@A1
1:1000@A3
DATE: March 2013

CAD FILE:	SHEET NO:	REVISION:
DRAWING No:		
S.16011	ABW01	R.1



AMENDMENTS :		
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R1	12.2.13	RAFTING ADDED

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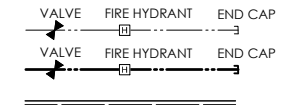
LEVELS IN TERMS OF CHRISTCHURCH
DRAINAGE DATUM.
JANUARY 2012 ISSUE

SERVICES

EXISTING WATER

AS BUILT WATER

KERB



	NAME	SIGNED	DATE
DESIGNED BY	MATTHEW WENBORN		
CHECKED BY	ANDY HALL		



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	JOB TITLE:
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**Fulton Hogan Land
Development Ltd
Knights Stream**

SHEET TITLE:

Water - Asbuilt
RMA.92018802

	DRAWING STATUS
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Asbuilt

3 SCALE : 1:500@A1
1:1000@A3

DATE: March 2013

CAD FILE :

DRAWING No :

**DRAWING No :
S.16011**

SHEET No:

ABW03

REVISION :

2.1