

ENGINEERING PLANS

ERNST FORSTER DEVELOPMENT LTD

409 THE DRIVE - WHANGAMATA

PREPARED FOR: ERNST FORSTER DEVELOPMENT LTD

THAMES COROMANDEL DISTRICT COUNCIL

ACCEPTED

ENGINEERING PLANS FOR CONSTRUCTION

FILE REF:

DATE: BY:

AMENDMENTS:

NOMINATED SUPERVISOR

ENGINEERING PLANS FOR CONSTRUCTION

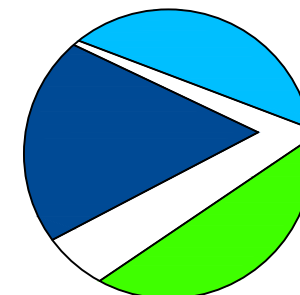
NAME: ~~..JOHN BLUE..~~ PROFESSIONAL SURVEYOR.....

ADDRESS: ~~..25 HARWOOD STREET, HAMILTON..~~.....

E-MAIL: ~~..john@bluewallace.co.nz..~~.....

PHONE: ~~..Wk. (07) 839 7799 ..Mob. 021 655 964..~~.....

DRAFT



Blue Wallace

Surveyors Ltd.

25 Harwood Street, P O Box 38,
Hamilton.

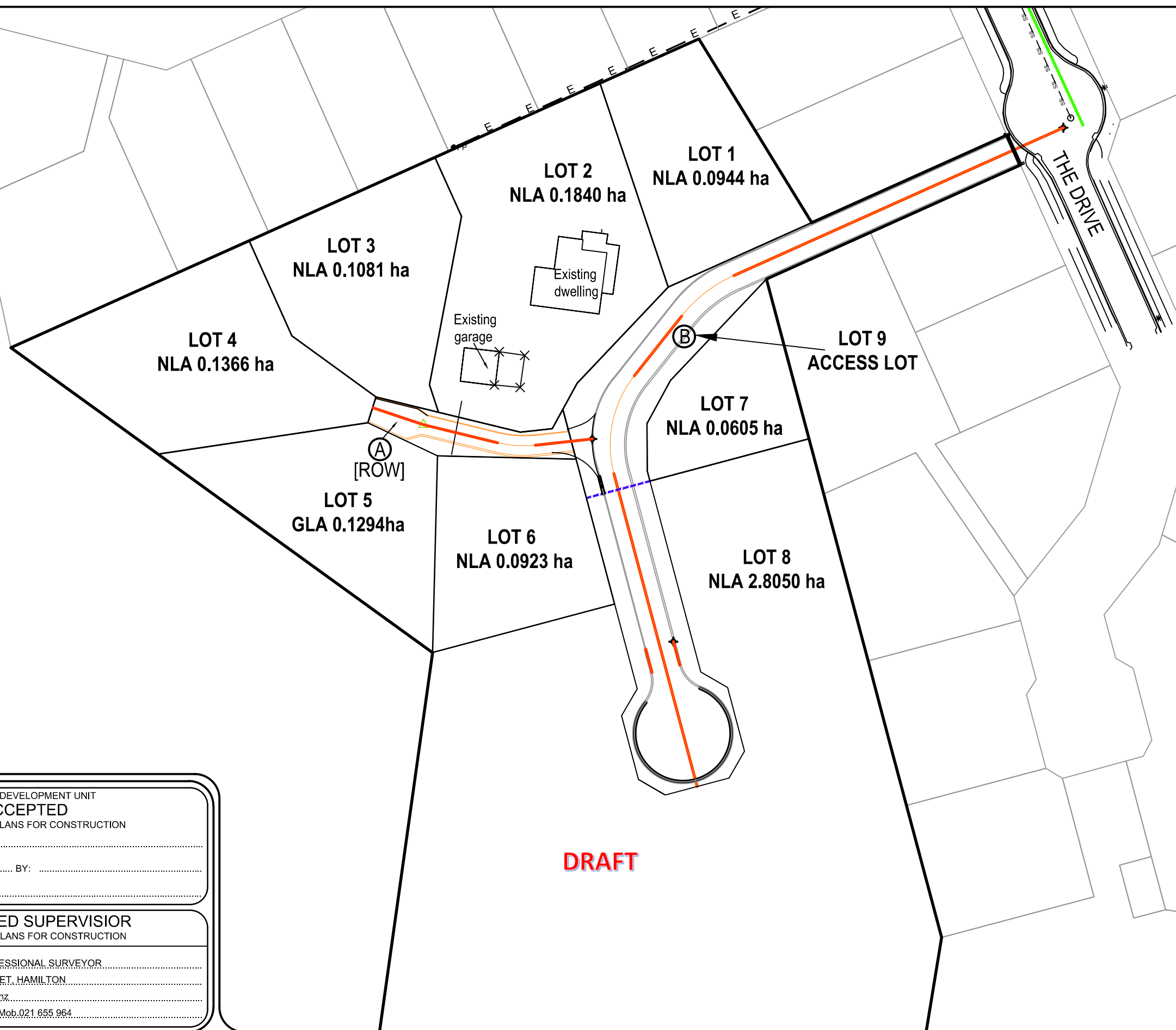
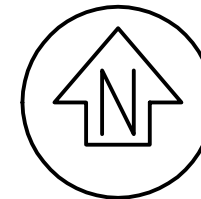
Phone (07) 8397799, Fax (07) 8394455

BLUE WALLACE REF: 16073

REVISION #1

DATE: 17 NOVEMBER 2016

S:\2016\16073\2. ENGINEERING\16073-ENG-V1.DWG



HCC CITY DEVELOPMENT UNIT

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SCALE: 1:750 @A3			DATE:NOVEMBER 2016		
No.	Amendment	Init.	Date.	Designed. ANGINA	
1				Drawn. Angina 16-11-2016	
2				Checked.	
3				Approved.	

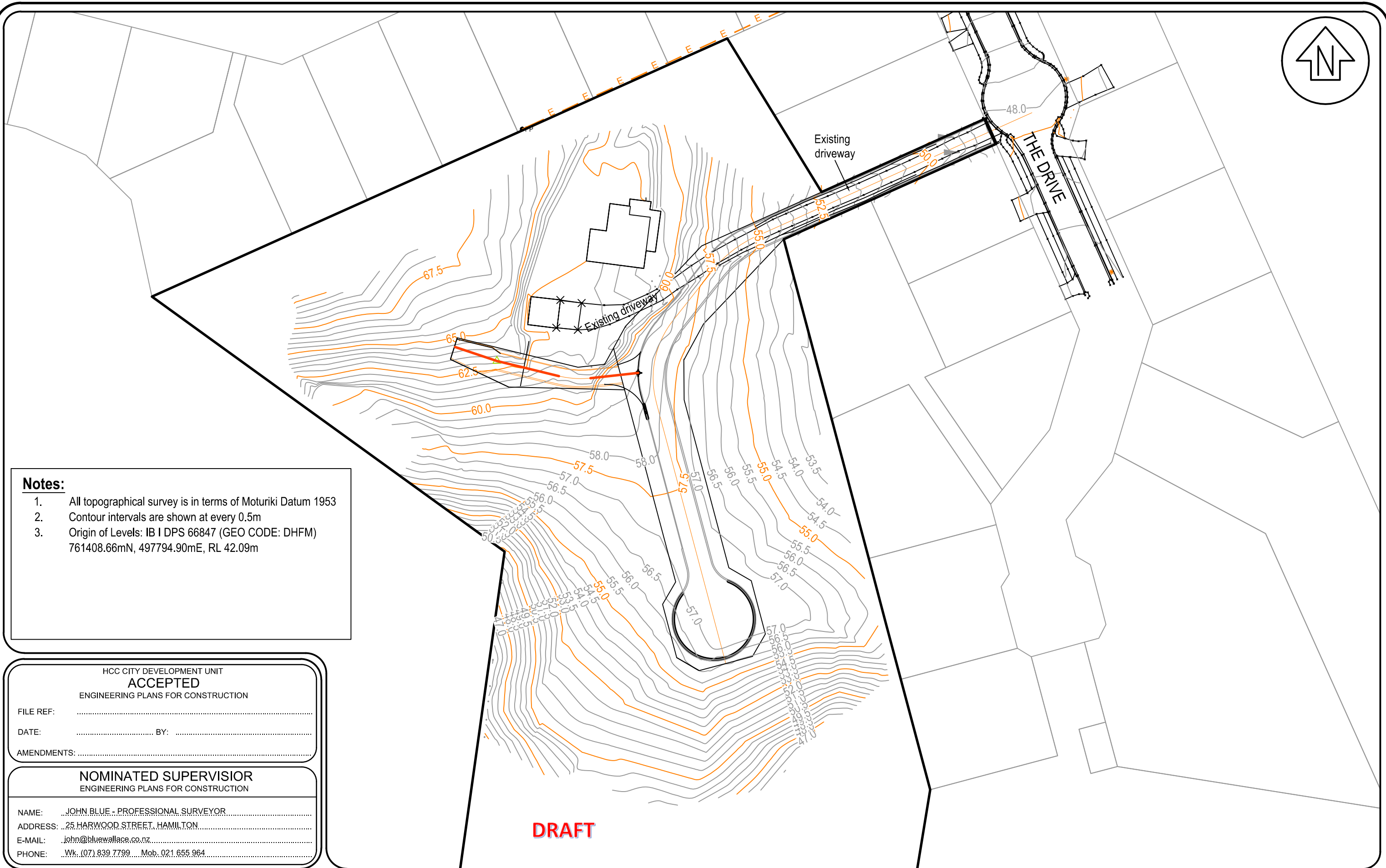
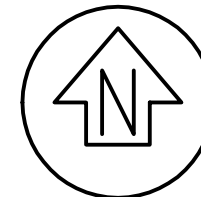
S:\2016\16073\2. ENGINEERING\16073-ENG-V1.DWG

SCHEME PLAN
409 THE DRIVE - WHANGAMATA
PREPARED FOR: ERNST FORSTER DEVELOPMENTS LTD



Blue Wallace
Surveyors Ltd.
25 Harwood Street, P O Box 38,
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File Reference
16073 -EN-100
Drawing No.
A



Notes:

1. All topographical survey is in terms of Moturiki Datum 1953
2. Contour intervals are shown at every 0.5m
3. Origin of Levels: IB I DPS 66847 (GEO CODE: DHFM)
761408.66mN, 497794.90mE, RL 42.09m

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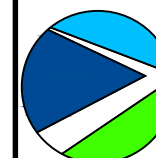
SCALE: 1:750 @A3

DATE: NOVEMBER 2016

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1				Drawn. Angina 16-11-2016
2				Checked.
3				Approved.

S:\2016\16073\2. ENGINEERING\16073-ENG-V1.DWG

EXISTING TOPOGRAPHICAL SITE PLAN
409 THE DRIVE - WHANGAMATA
PREPARE FOR: ERNST FORSTER DEVELOPMENTS LTD



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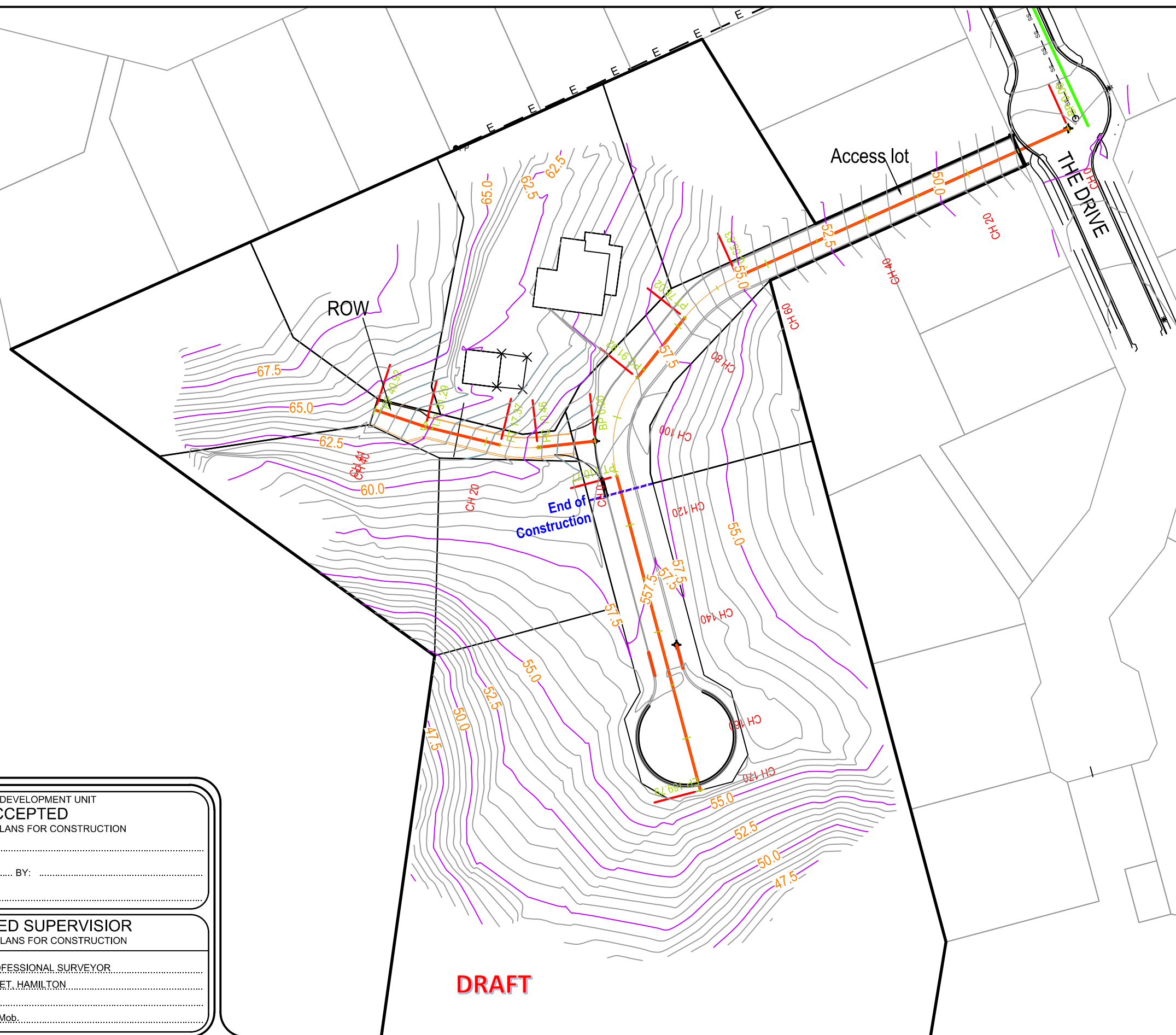
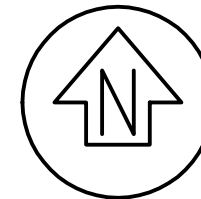
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No.	Amendment	Init.	Date.	Designed. ANGINA	
1				Drawn. ANGINA 16-11-2016	
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ROADING DESIGN
409 THE DRIVE - WHANAGAMATA
PREPARED FOR: ERNST FORSTER DEVELOPMENTS LTD



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16073-EN-200
Drawing No.
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DRAFT

CL of Existing Rd
(THE DRIVE)

Boundary

Existing
Ground
Level

Design
Finished
Level

End of Construction
(approximate chainage 114m)

DWY1
DATUM: 44.00

EXISTING LEVELS	47.92		49.52		51.39		54.00		57.46		58.46		57.79		57.05		57.21		56.03
CUT/FILL DEPTHS	0.00		-0.09		0.05		0.22		-0.31		-0.37		-0.07		0.32		-0.20		0.80
DESIGN LEVELS	47.92		49.43		51.44		54.22		57.15		58.09		57.73		57.37		57.01		56.83
VERTICAL GEOMETRY	7.59 VC 2.00, A.D. 18.1%, 5.5% IP CH 6.58/RL 47.70 -2.5% 13.73 9.5% VC 10.00, A.D. -6.1% IP CH 21.14/RL 49.65 VC 10.00, A.D. 5.9% IP CH 44.87/RL 51.90 23.32 15.4% VC 27.06, A.D. -17.2% IP CH 86.72/RL 58.32 69.53 -1.8%																		
CHAINAGE	0		20		40		60		80		100		120		140		160		170

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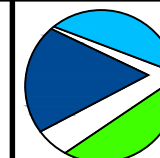
SCALE: Hz 1:500, Vt 1:500 @A3

DATE: NOVEMBER 2016

No.	Amendment	Init.	Date.	Designed:Angina
1				Drawn. Angina 16-11-2016
2				Checked.
3				Approved.

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ROAD LONGSECTION
409 THE DRIVE - WHANGAMATA
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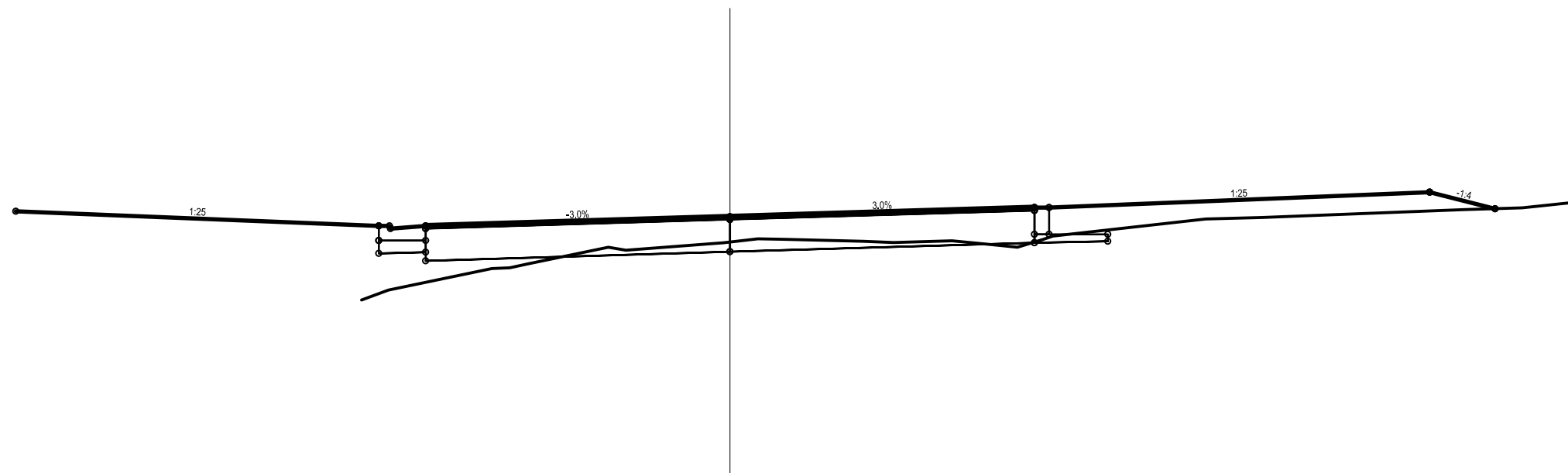
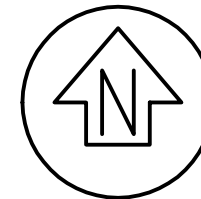
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16073-EN-201

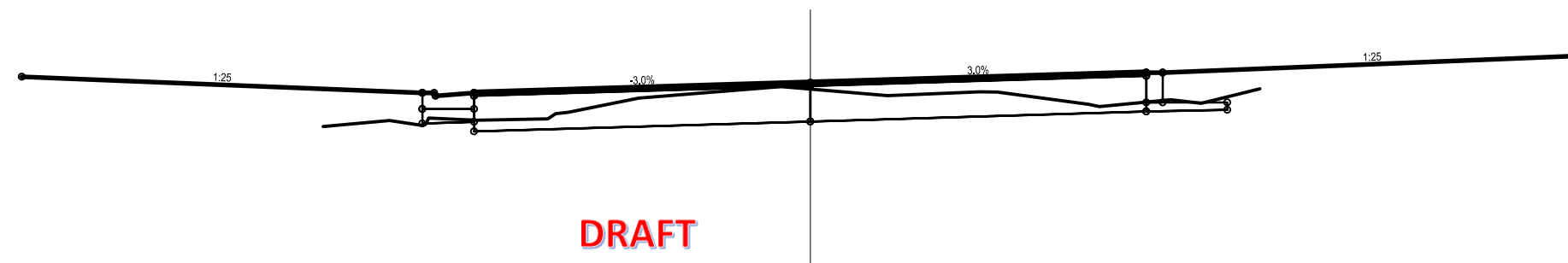
Drawing No.

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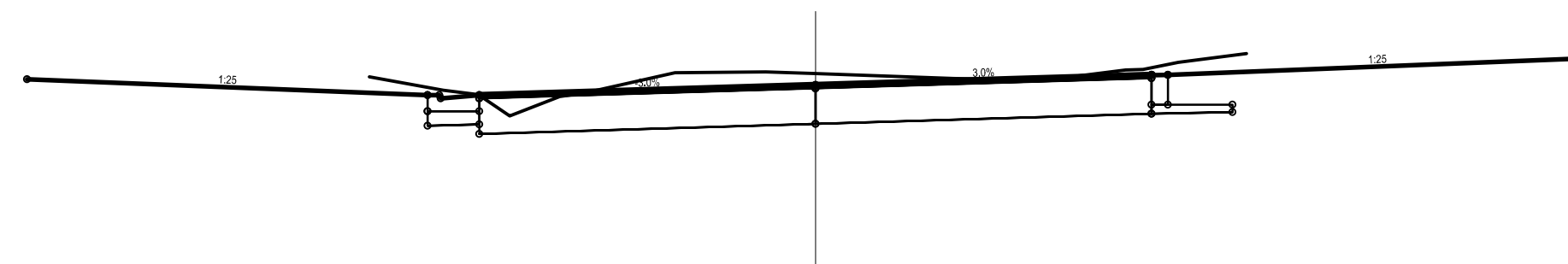


DWY1: CH 60.00



DWY1: CH 40.00

DRAFT



DWY1: CH 20.00

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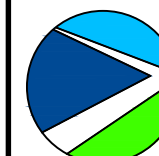
NOMINATED SUPERVISOR
ENGINEERING PLANS FOR CONSTRUCTION

NAME: ...JOHN BLUE- PROFESSIONAL SURVEYOR.....
ADDRESS: 25 HARWOOD STREET, HAMILTON.....
E-MAIL: .john@bluewallace.co.nz.....
PHONE: .Wk. (07) 839 7799..... Mob. 021 655 964.....

SCALE: 1:50 @A3			DATE:NOVEMBER 2016		
No.	Amendment	Init.	Date.	Designed.	
1				Drawn. Angina 16-11-2016	
2				Checked.	
3				Approved.	

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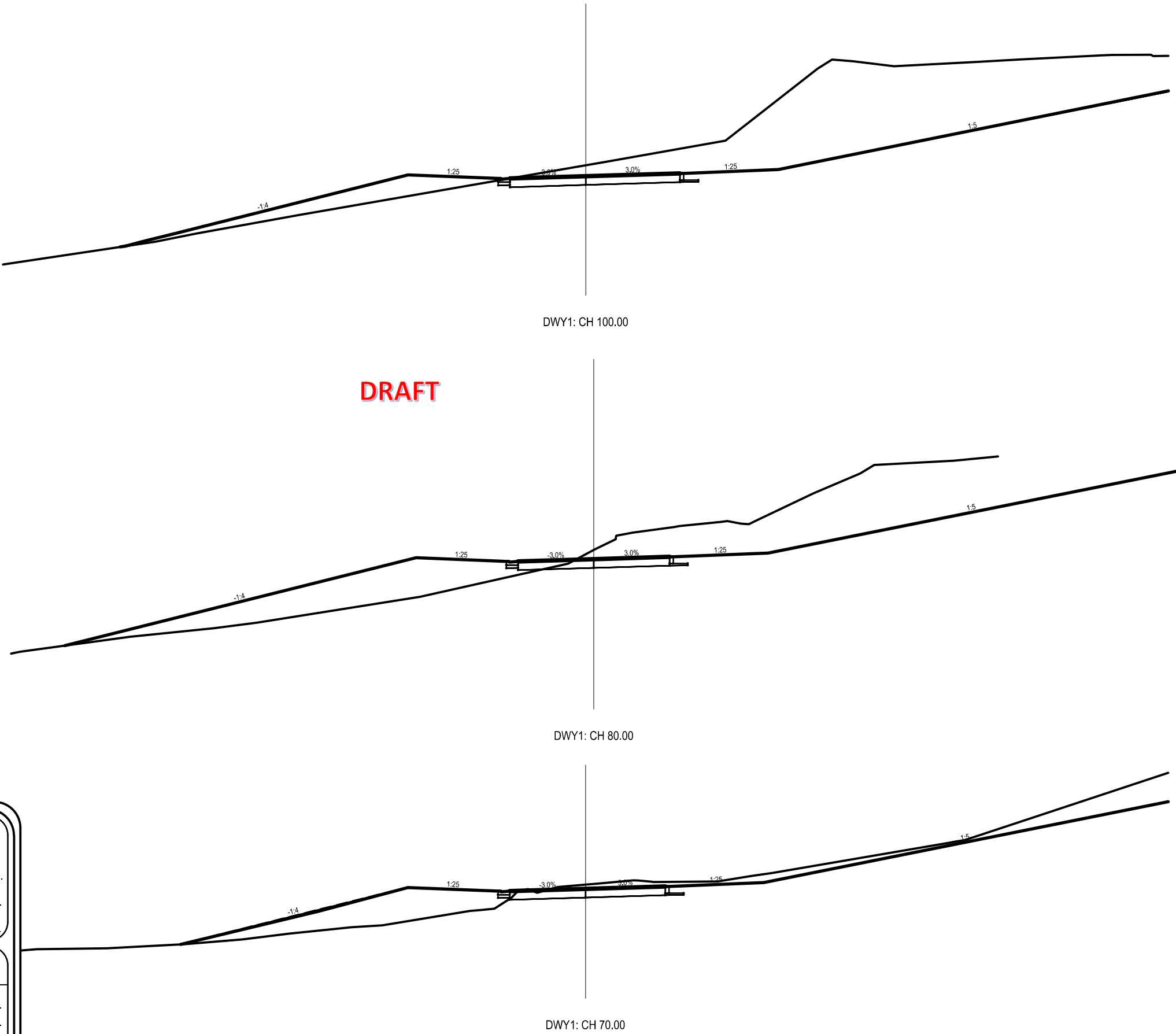
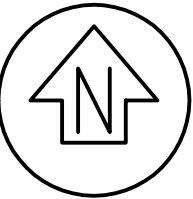
ACCESS LOT - DESIGN CROSS SECTIONS
409 THE DRIVE - WHANGAMATA
PREPARED FOR: ERNST FORSTER DEVELOPMENTS LTD



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Surveyors Ltd.
25 Harwood Street, P O Box 38,
Hamilton Central, HAMILTON.
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File Reference
16073-EN-203
Drawing No.
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SCALE: 1:150 @A3			DATE: NOVEMBER 2016		
No.	Amendment	Init.	Date.	Designed.	
1				Drawn. ANGINA 16-11-2016	
2				Checked.	
3				Approved.	

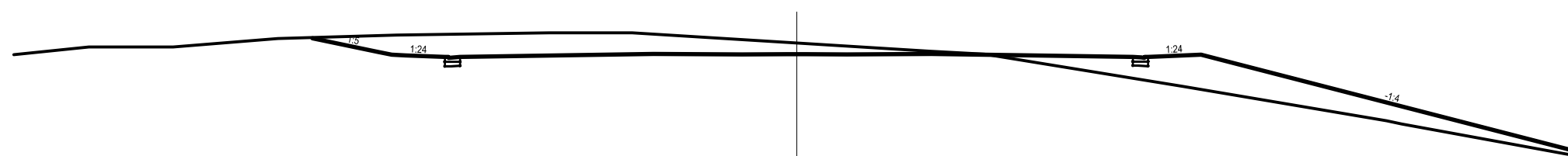
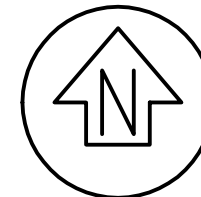
ACCESS LOT DESIGN CROSS SECTION
409 THE DRIVE - WHANGAMATA
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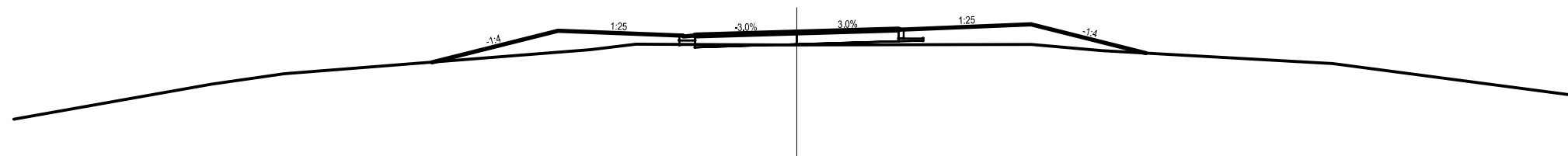
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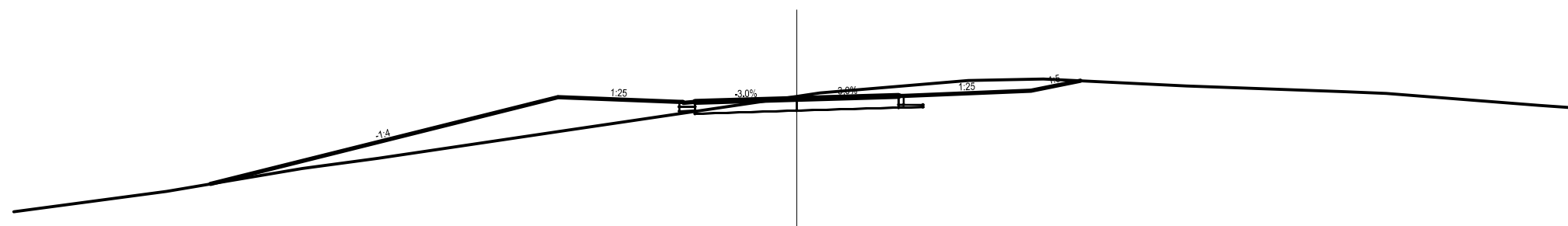


DWY1: CH 160.00

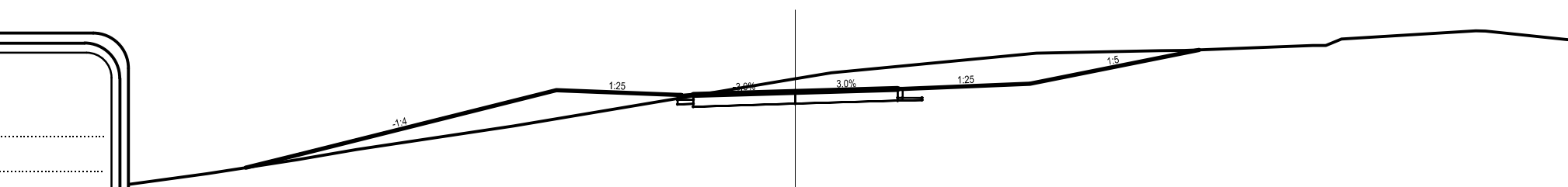


DWY1: CH 140.00

DRAFT



DWY1: CH 120.00



DWY1: CH 110.00

NOTE: END OF CONSTRUCTION @ CH 114m

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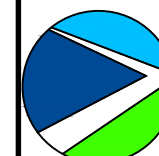
E-MAIL: ..john@bluewallace.co.nz.....

PHONE: ...Wk. (07) 839 7799... Mob.021 655 964.....

SCALE: 1:150 @A3			DATE: NOVEMBER 2016		
No.	Amendment	Init.	Date.	Designed.	
1				Drawn. ANGINA16-11-2016	
2				Checked.	
3				Approved.	

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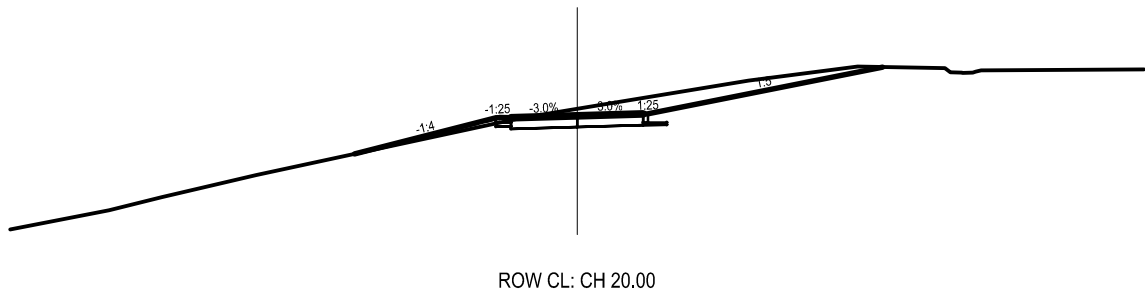
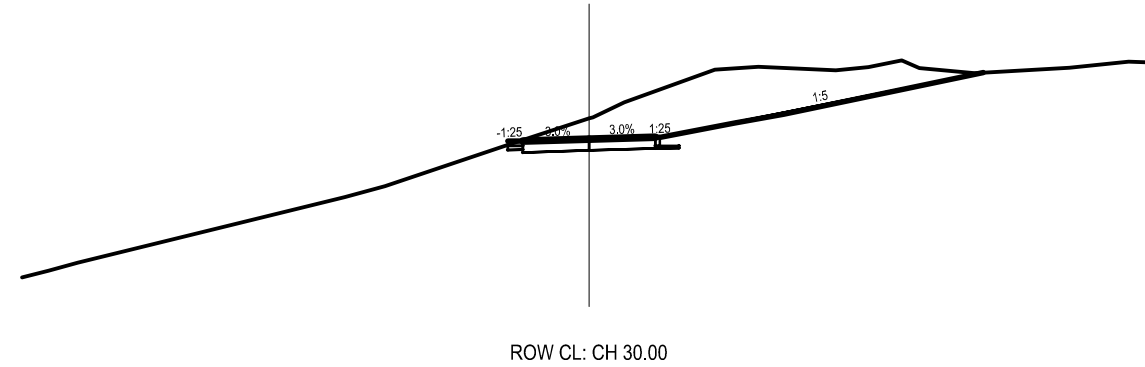
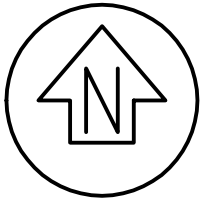
ACCESS LOT - DESIGN CROSS SECTION
409 THE DRIVE - WHANGAMATA
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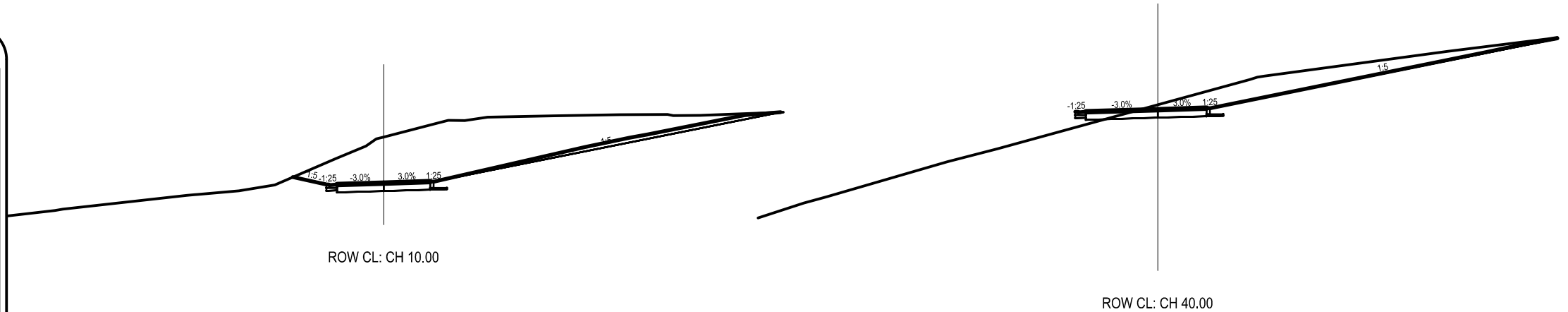
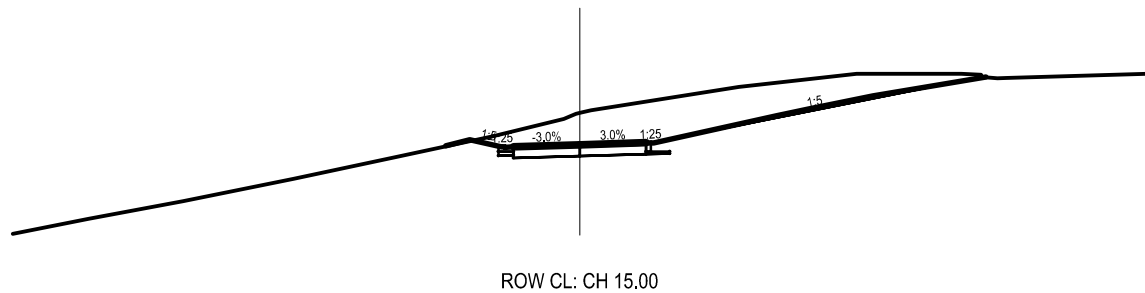
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Surveyors Ltd.
25 Harwood Street, P O Box 38,
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ADDRESS: 25 HARWOOD STREET, HAMILTON.....
E-MAIL: ..@bluewallace.co.nz.....
PHONE: ..Wk. (07) 839 7799... Mob.....

SCALE: 1:1000 @A3			DATE:		
No.	Amendment	Init.	Date.	Designed: TDR	
1		TDR	03/10	Drawn: TDR 8 MARCH 2010	
2				Checked:	
3				Approved:	

MULTILINE TEXT

Firm's Name



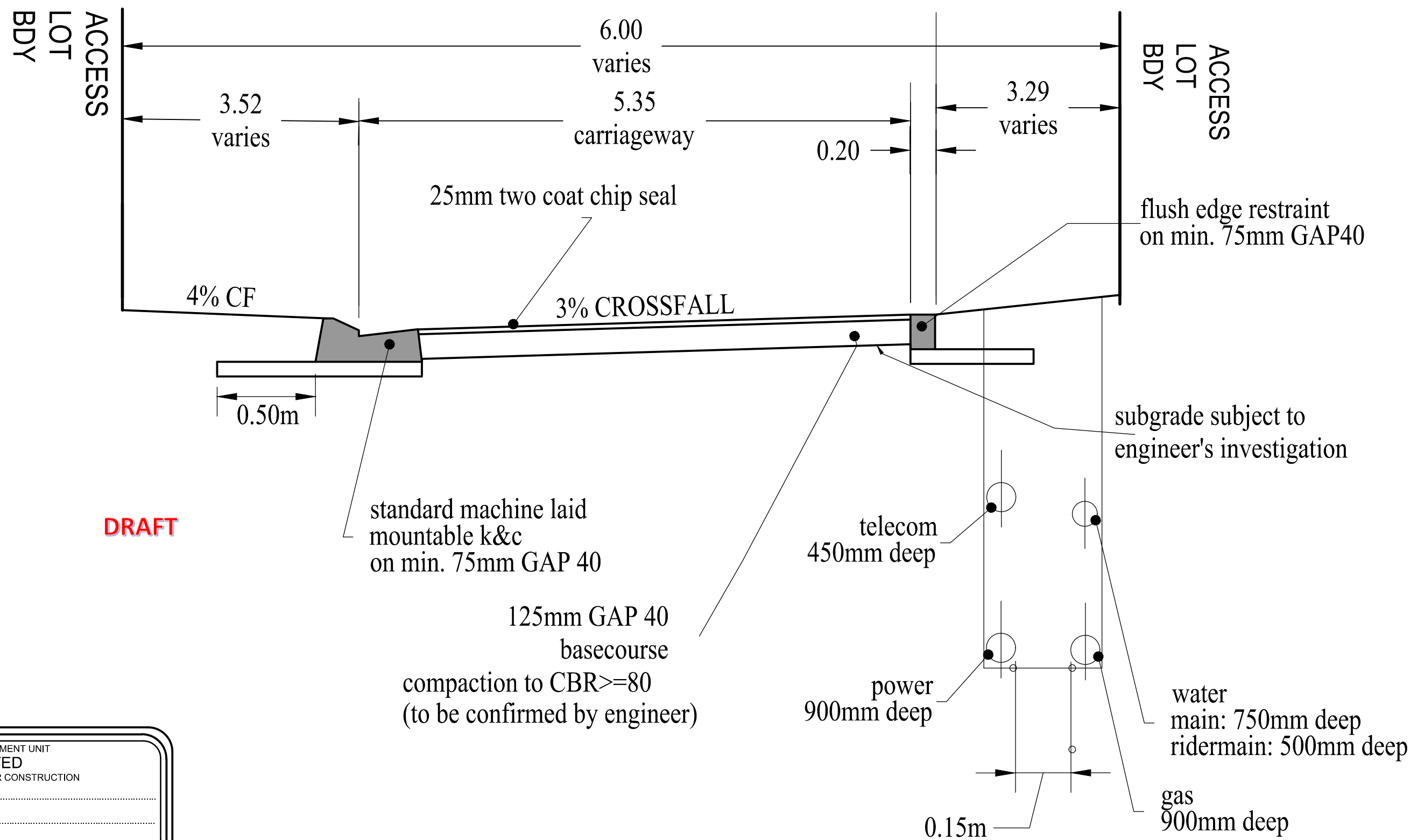
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File Reference

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Drawing No.

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DRAFT

TYPICAL CROSS SECTION ACCESS LOT

HCC CITY DEVELOPMENT UNIT	
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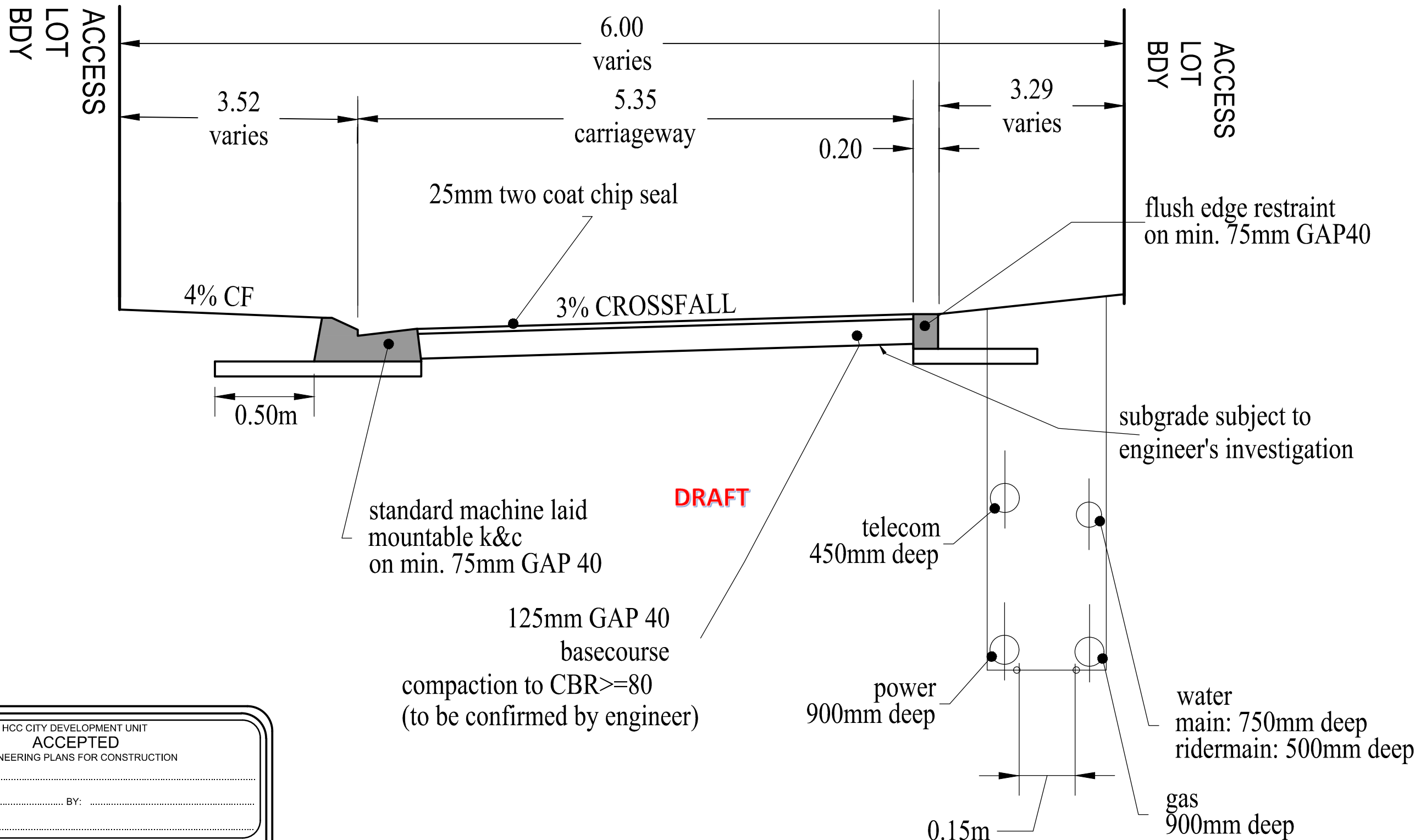
SCALE: NTS			DATE: NOVEMBER 2016		
No.	Amendment	Init.	Date.	Designed:Angina	
1				Drawn. Angina 16-11-2016	
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3				Approved.	

ROAD LONGSECTION
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File Reference	16073-EN-300
Drawing No.	A



TYPICAL CROSS SECTION RIGHT OF WAY

HCC CITY DEVELOPMENT UNIT			
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1			
2			
3			

Designed.	Angina
Drawn.	Angina 16-11-2016
Checked.	
Approved.	

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File Reference
16073-EN-301
Drawing No.
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