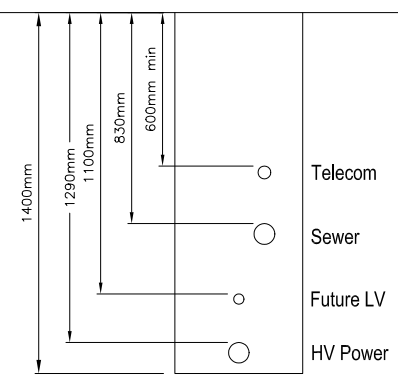


Typical Service Trench Layout



Note:
Services in ducts at all road crossings

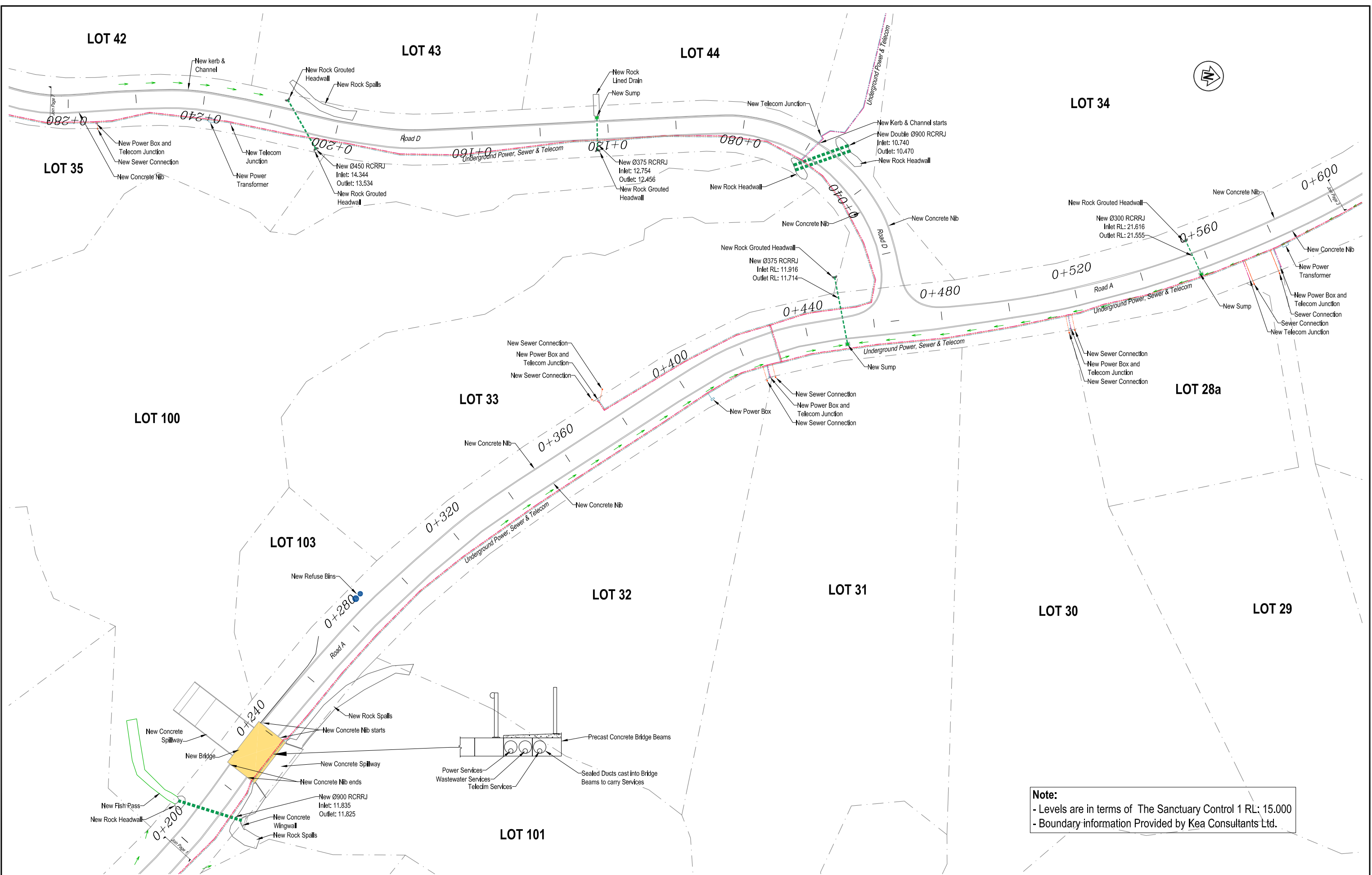
Note:
- Levels are in terms of The Sanctuary Control 1 RL: 15.000
- Co ordinates are in terms of NZGD 2000
- Boundary information Provided by Kea Consultants Ltd.

	Underground Power		Boundary
	Underground Telecom		Underground Sewer
	Open Drain		Stormwater Culvert

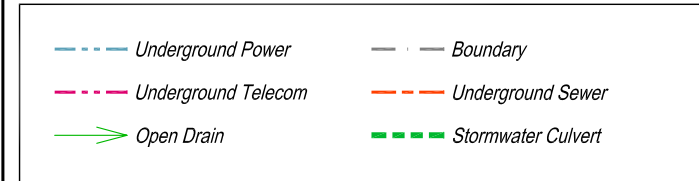
DRAWN:	R.H.	DATE:	03/06/08	REV.	DRAWING STATUS - ASBUILT
CHECKED:	M.W.	DATE:	03/06/08		
APPROVED:					

Northern Civil
Consulting Engineers Ltd
PO Box 10050
Toi Toi
WHANGAREI

TITLE:		The Sanctuary Cove Road - Mangawhai Heads Road A,B	
JOB:		1293	
CAD:		Sanctuary Asbuilts	
ASBUILT PLAN		CLIENT REF:	SHEET NO:
SCALE:	1 : 1000	NA	1
		ORIGINAL PAPER SIZE A3	



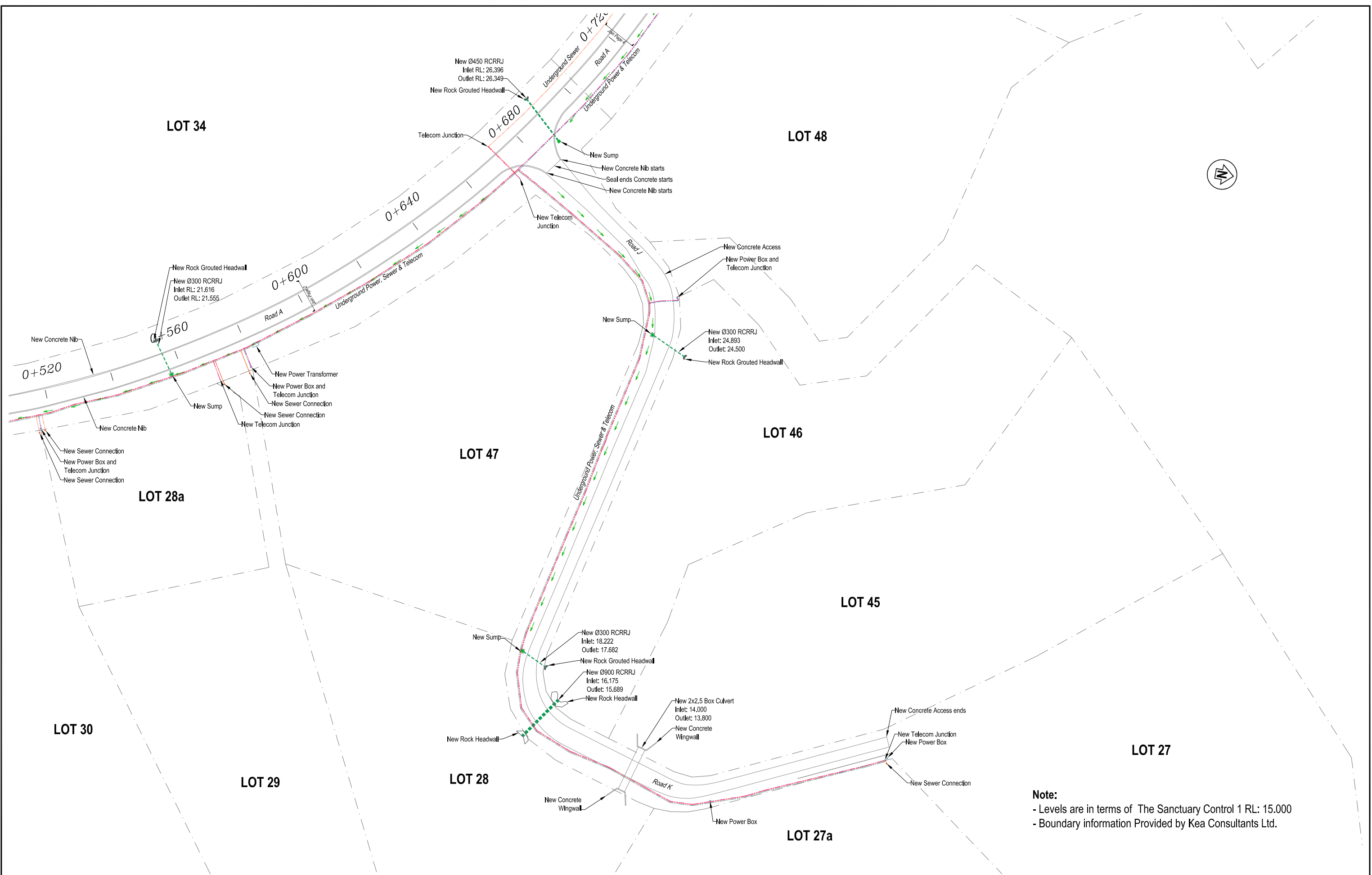
Note:
 - Levels are in terms of The Sanctuary Control 1 RL: 15.000
 - Boundary information Provided by Kea Consultants Ltd.



DRAWN:	R.H.	DATE:	18/03/08	REV.	DRAWING STATUS - ASBUILT
CHECKED:	M.W.	DATE:	18/03/08		
APPROVED:					



TITLE: The Sanctuary Cove Road - Mangawhai Heads Road A,D		JOB: 1293	
ASBUILT PLAN		CAD: Sanctuary Asbuilts	
SCALE: 1 : 1000	ORIGINAL PAPER SIZE A3	CLIENT REF: NA	SHEET NO: 2



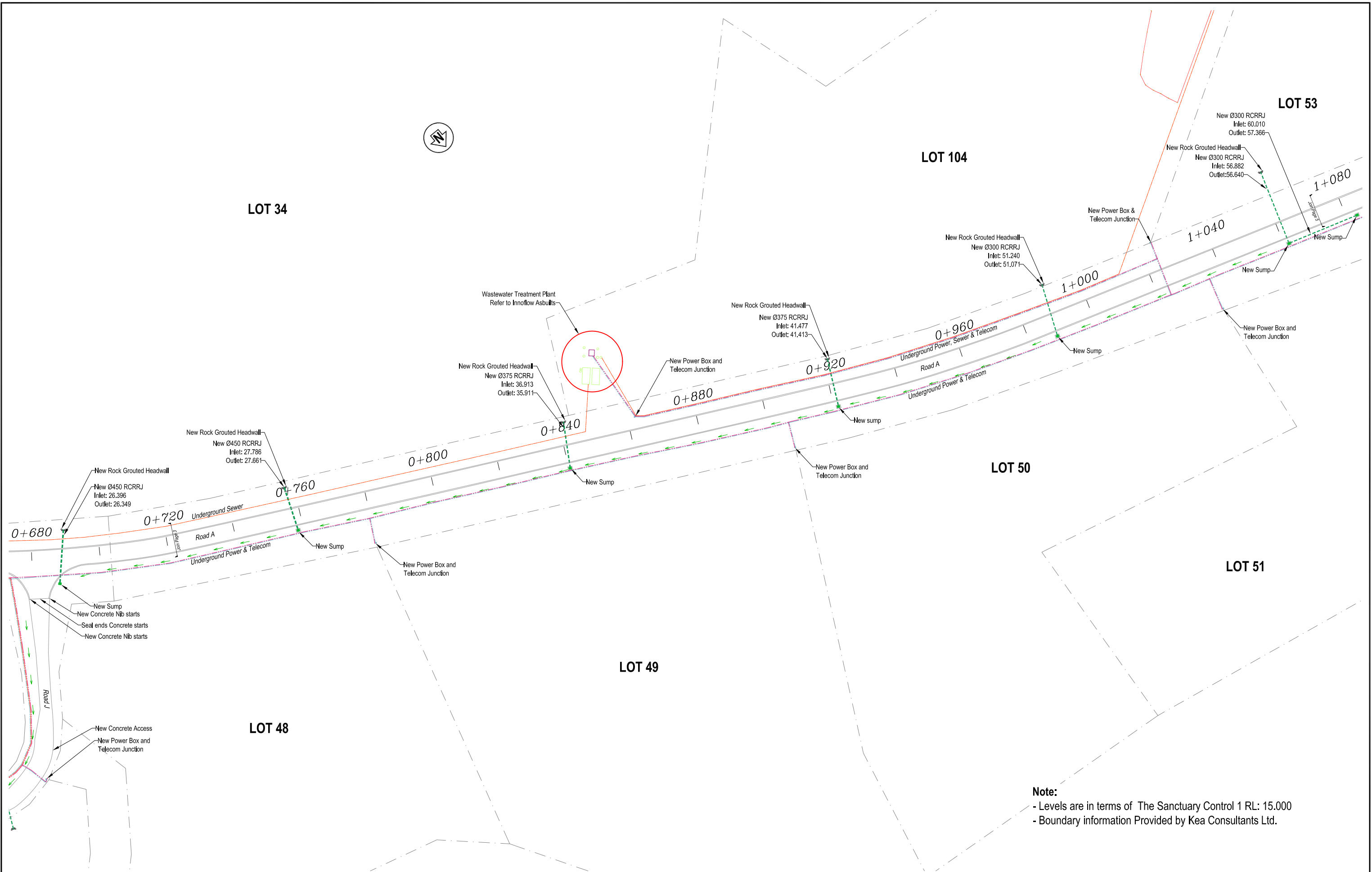
Note:
 - Levels are in terms of The Sanctuary Control 1 RL: 15.000
 - Boundary information Provided by Kea Consultants Ltd.

Underground Power	Boundary
Underground Telecom	Underground Sewer
Open Drain	Stormwater Culvert

DRAWN:	R.H.	DATE:	18/03/08	REV.	DRAWING STATUS - ASBUILT
CHECKED:	M.W.	DATE:	18/03/08		
APPROVED:					

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 Consulting Engineers Ltd
 PO Box 10060
 Toi Toi
 WHANGAREI

TITLE: The Sanctuary Cove Road - Mangawhai Heads Road A,J,K		JOB: 1293
ASBUILT PLAN		CAD: Sanctuary Asbuilts
SCALE: 1 : 1000	ORIGINAL PAPER SIZE A3	CLIENT REF: NA
		SHEET NO: 3



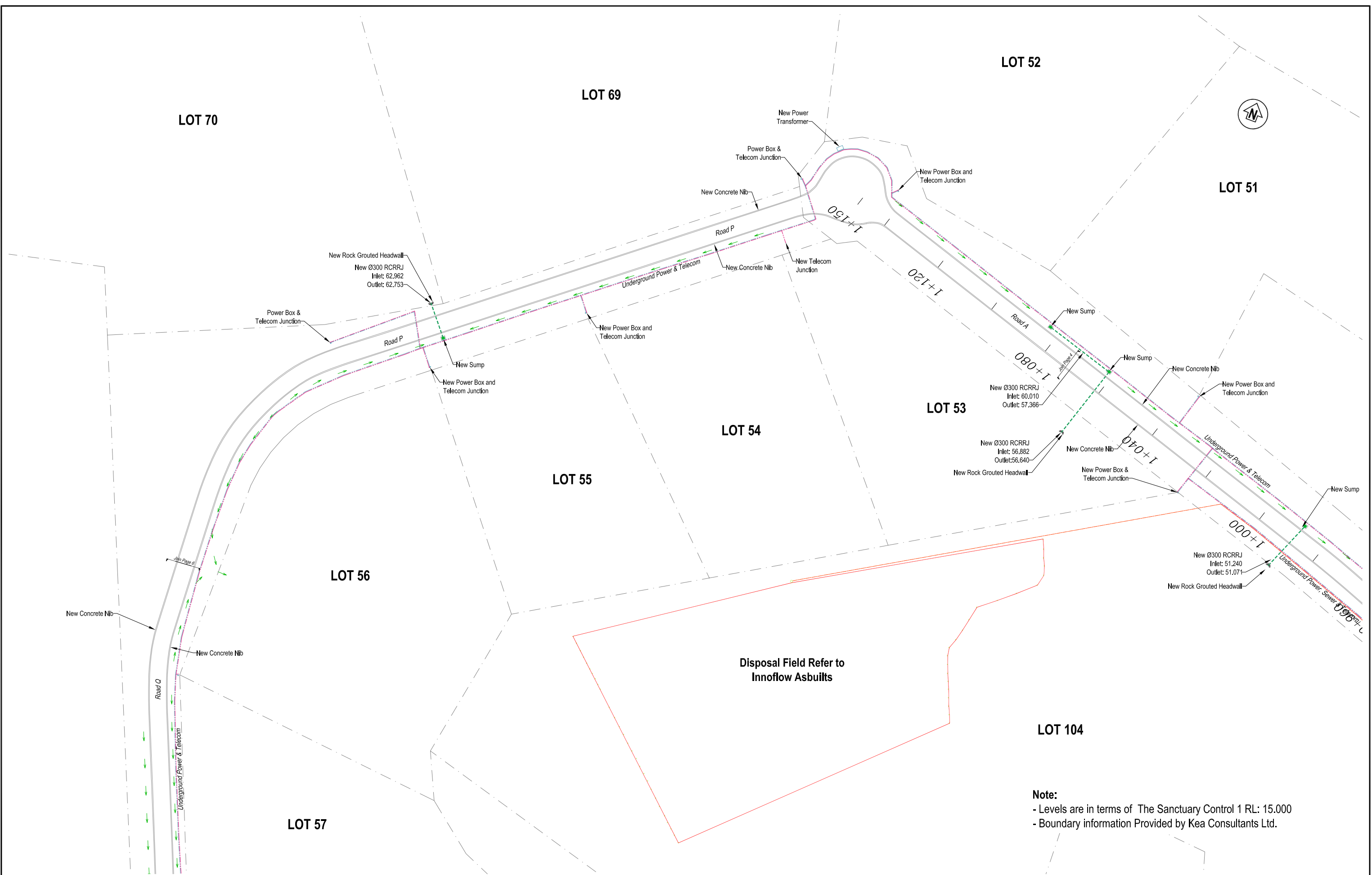
Note:
 - Levels are in terms of The Sanctuary Control 1 RL: 15.000
 - Boundary information Provided by Kea Consultants Ltd.

Underground Power	Boundary
Underground Telecom	Underground Sewer
Open Drain	Stormwater Culvert

DRAWN:	R.H.	DATE:	18/03/08	REV.	DRAWING STATUS - ASBUILT
CHECKED:	M.W.	DATE:	18/03/08		
APPROVED:					

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 Consulting Engineers Ltd
 PO Box 10060
 Toi Toi
 WHANGAREI

TITLE: The Sanctuary Cove Road - Mangawhai Heads Road A		JOB:	1293
ASBUILT PLAN		CAD:	Sanctuary Asbuilts
SCALE:	1 : 1000	CLIENT REF:	NA
	ORIGINAL PAPER SIZE A3	SHEET NO.:	4



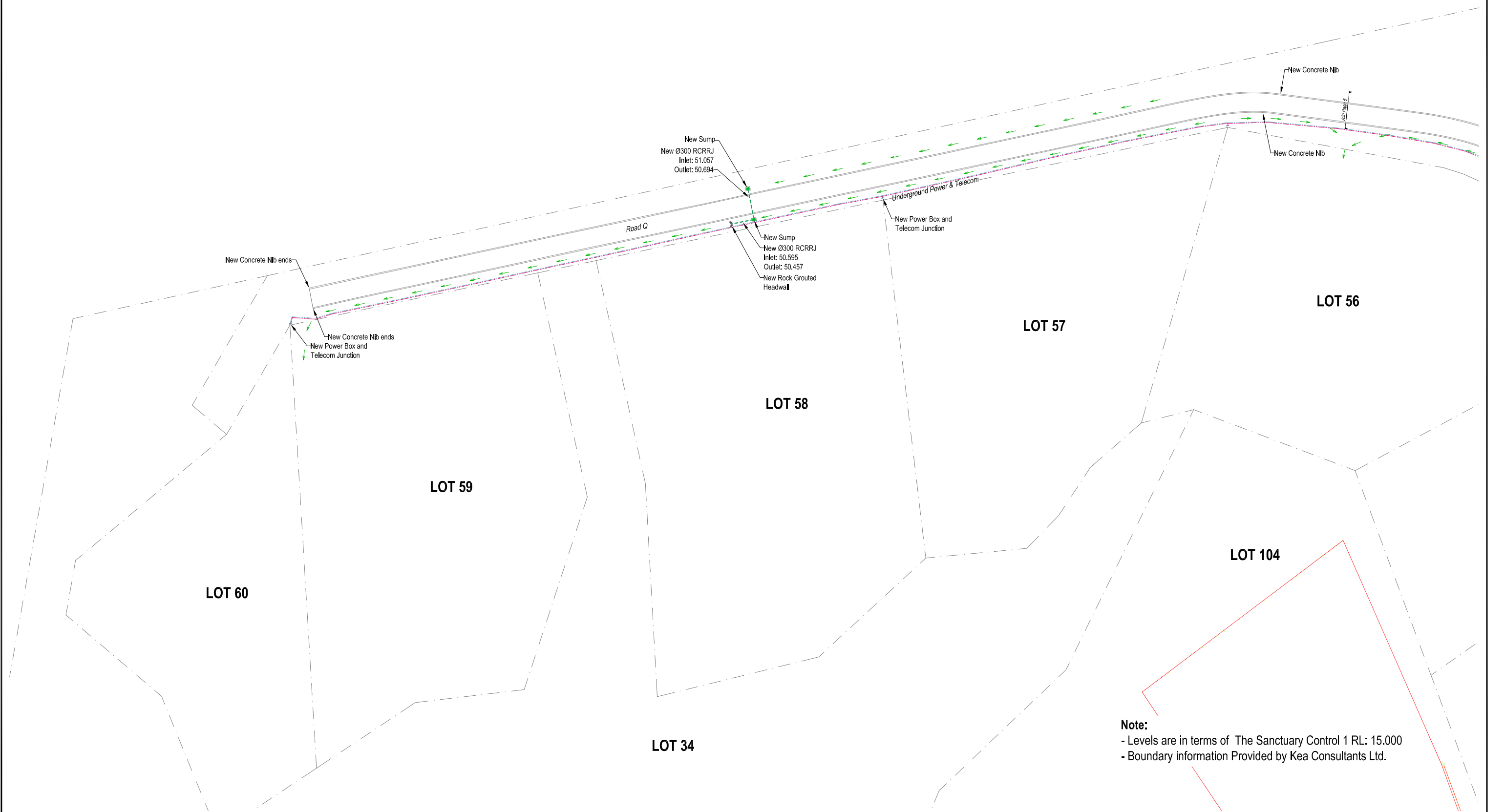
Note:
 - Levels are in terms of The Sanctuary Control 1 RL: 15.000
 - Boundary information Provided by Kea Consultants Ltd.

Underground Power	Boundary
Underground Telecom	Underground Sewer
Open Drain	Stormwater Culvert

DRAWN:	R.H.	DATE:	18/03/08	REV.	DRAWING STATUS - ASBUILT
CHECKED:	M.W.	DATE:	18/03/08		
APPROVED:					

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 Consulting Engineers Ltd
 PO Box 10060
 Toi Mai
 WHANGAREI

TITLE: The Sanctuary Cove Road - Mangawhai Heads Road A,P,Q		JOB: 1293	
ASBUILT PLAN		CAD: Sanctuary Asbuilts	
SCALE: 1 : 1000	ORIGINAL PAPER SIZE A3	CLIENT REF: NA	SHEET NO: 5



New Sump
New Ø300 RCRRJ
Inlet: 51.057
Outlet: 50.694

New Sump
New Ø300 RCRRJ
Inlet: 50.595
Outlet: 50.457
New Rock Grouted Headwall

New Concrete Nib ends

New Concrete Nib ends
New Power Box and Telecom Junction

New Power Box and Telecom Junction

New Concrete Nib

New Concrete Nib

Road Q

Underground Power & Telecom

LOT 56

LOT 57

LOT 58

LOT 59

LOT 60

LOT 104

LOT 34

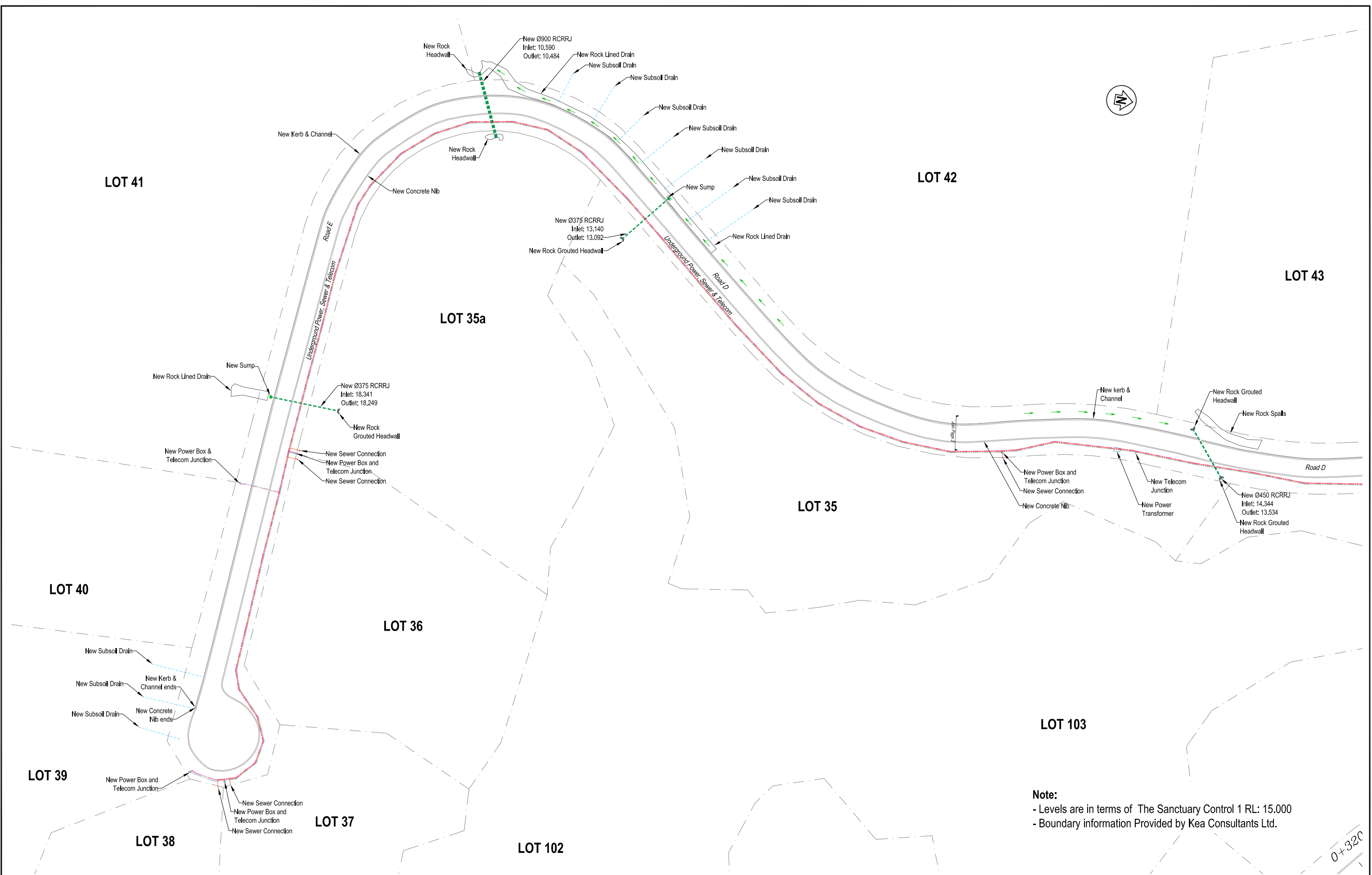
Note:
- Levels are in terms of The Sanctuary Control 1 RL: 15.000
- Boundary information Provided by Kea Consultants Ltd.

Underground Power	Boundary
Underground Telecom	Underground Sewer
Open Drain	Stormwater Culvert

DRAWN:	R.H.	DATE:	18/03/08	REV.	DRAWING STATUS - ASBUILT
CHECKED:	M.W.	DATE:	18/03/08		
APPROVED:					

Northern Civil
Consulting Engineers Ltd
PO Box 10060
Toi Toi
WHANGAREI

TITLE: The Sanctuary Cove Road - Mangawhai Heads Road P,Q		JOB: 1293	
ASBUILT PLAN		CAD: Sanctuary Asbuilts	
SCALE: 1 : 1000	ORIGINAL PAPER SIZE A3	CLIENT REF: NA	SHEET NO: 6



Note:
 - Levels are in terms of The Sanctuary Control 1 RL: 15.000
 - Boundary information Provided by Kea Consultants Ltd.

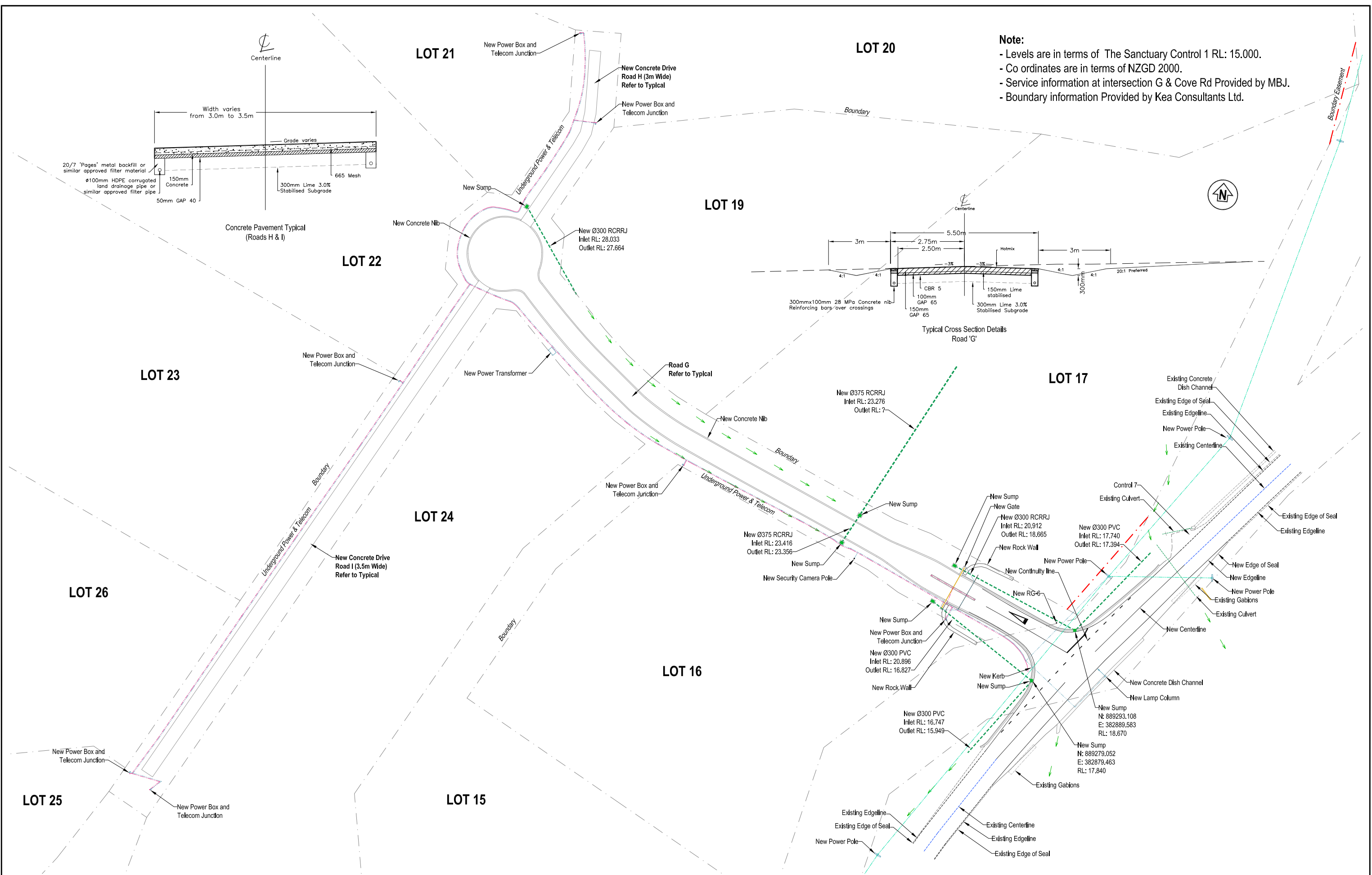
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	Underground Power		Boundary
	Underground Telecom		Underground Sewer
	Open Drain		Stormwater Culvert

DRAWN:	R.H.	DATE:	18/03/08	REV.	DRAWING STATUS - ASBUILT
CHECKED:	M.W.	DATE:	18/03/08		
APPROVED:					

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 Consulting Engineers Ltd
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 WHANGAREI

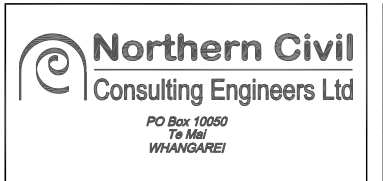
TITLE: The Sanctuary Cove Road - Mangawhai Heads Road D,E		JOB: 1293	
ASBUILT PLAN		CAD: Sanctuary Asbuilts	
SCALE: 1 : 1000	ORIGINAL PAPER SIZE A3	CLIENT REF: NA	SHEET NO: 7



Note:
 - Levels are in terms of The Sanctuary Control 1 RL: 15.000.
 - Co ordinates are in terms of NZGD 2000.
 - Service information at intersection G & Cove Rd Provided by MBJ.
 - Boundary information Provided by Kea Consultants Ltd.



DRAWN:	R.H.	DATE:	29/05/07	REV.	DRAWING STATUS - ASBUILT
CHECKED:	C.H.	DATE:	29/05/07		
APPROVED:					



TITLE:		The Sanctuary Cove Road - Mangawhai Heads Road GHI	
SCALE:		Not To Scale	
JOB:		1293	
CAD:		Asbuilt Road GHI	
CLIENT REF:		NA	
SHEET NO.:		1	
ORIGINAL PAPER SIZE:		A3	