



IMPORTANT SERVICES NOTE

THE SERVICES SHOWN SHOULD BE CONSIDERED INDICATIVE ONLY AND ARE BASED ON RECORDS SUPPLIED BY THE UTILITY COMPANIES. PRIVATE SERVICES AND CONNECTIONS ARE NOT SHOWN.

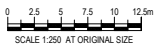
THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL SERVICES ARE LOCATED/MARKED BY THE APPROPRIATE SERVICE AUTHORITY, OR THEIR OWN STAFF, PRIOR TO ANY SITE WORKS, AND FOR PROTECTING THESE SERVICES FOR THE DURATION OF THE SITE CONTRACT.

LEGEND

=====	EXISTING KERB AND CHANNEL		EXISTING STREET LIGHT
=====	NEW KERB AND CHANNEL		NEW STREET LIGHT BY OTHERS
----	EXISTING KERB TO BE REMOVED		EXISTING MANHOLE
	EXISTING DRIVEWAY TO BE RECONSTRUCTED		NEW MANHOLE
----	EXISTING FOOTPATH		NEW DRAIN
----	EXISTING FOOTPATH TO BE REMOVED		NEW SWALE TRENCH
	NEW TRAFFIC ISLAND		EXISTING STORMWATER
	NEW SHARED PATH		EXISTING ELECTRICITY CABLE
	NEW HEAVY DUTY FOOTPATH		EXISTING WATER MAIN
	EXISTING POWER POLE		EXISTING WASTEWATER PIPE
	POWER POLE TO BE REMOVED		EXISTING OVERHEAD POWER CABLE
----	EXISTING BANK		EXISTING CHORUS CABLE
----	EXISTING FENCE		EXISTING GAS MAIN
	NEW CYCLE RAMP		NEW FENCE
	EXISTING CATCHPIT		FENCE TO BE REMOVED
	NEW CATCHPIT		

Luminaire Schedule						
Symbol	Label	Qty	Description	Lum. Lumens	LLF	Lum. Watts
	A	29	ITALO 2 0F2 STA1 4.7-7M on new octagonal column at 10.5m nominal height c/w 3m Curved OR	13990	0.800	117
	B	3	ITALO 2 0F2 STA1 4.100-7M on existing octagonal column	17210	0.800	169
	D	5	ITALO 2 0F3 STW 4_5-8M on new octagonal column at 10.5m nominal height c/w 3m Curved OR	20030	0.800	150
	FE	1	Existing ITALO 1 0F2H1 S05 4.100-4M on existing octagonal column	11610	0.800	111

B	FOR PRICING	SLP	CA*	AP*	22.07.20	
A	PRELIMINARY ISSUE	WS	CA*	AP*	24.04.20	
No	Revision	Note:	* Indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director



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22/07/2020

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Drafting Check		Design Check	
Approved (Project Director)		Date	
Scale	1:250-A1	This Drawing must not be used for Construction unless signed as Approved	

FOR PRICING

Client **HASTINGS DISTRICT COUNCIL**
Project **SH51- WAIPATU**
Title **CIVIL WORKS LAYOUT SHEET 12 OF 12**

Original Size **A1** Drawing No: **12520885-C522** Rev: **B**



SPEED MANAGEMENT NOTE:
POSTED SPEED LIMIT TO BE CONFIRMED AS
PER NZTA GAZETTED SPEED SURVEY

EXISTING 'RG-1 (70)' SIGN



EXISTING 'RG-1 (50)' SIGN



EXISTING 'RG-1 (50)' SIGN



EXISTING 'RG-1 (70)' SIGN



SH 51

SIGNS AND MARKINGS LAYOUT

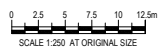
SCALE 1:250-A1

LEGEND

- EXISTING KERB AND CHANNEL
- NEW KERB AND CHANNEL
- EXISTING KERB TO BE REMOVED
- EXISTING ROAD MARKING
- NEW ROAD MARKING
- EXISTING ROAD MARKING TO BE REMOVED
- EXISTING DRIVEWAY
- EXISTING DRIVEWAY TO BE RECONSTRUCTED
- EXISTING FOOTPATH
- EXISTING FOOTPATH TO BE REMOVED
- NEW TRAFFIC ISLAND
- NEW STANDARD FOOTPATH
- NEW HEAVY DUTY FOOTPATH
- EXISTING BOUNDARY

- NEW CYCLE RAMP
- EXISTING TRAFFIC SIGN
- NEW TRAFFIC SIGN
- EXISTING TRAFFIC SIGN TO BE REMOVED/RELOCATED
- RELOCATED TRAFFIC SIGN
- EXISTING STREET LIGHT
- EXISTING POWER POLE
- RELOCATED POWER POLE
- EXISTING CATCHPIT
- NEW CATCHPIT
- EXISTING MANHOLE
- NEW MANHOLE
- EXISTING FENCE
- EXISTING BANK
- SWALE TRENCH

B	DRAWINGS UPDATED	WS	CA*	CP*	02.06.20	
A	PRELIMINARY ISSUE	WS	CA*	AP*	01.05.20	
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing		Drawn	Job Manager Project Director	Date



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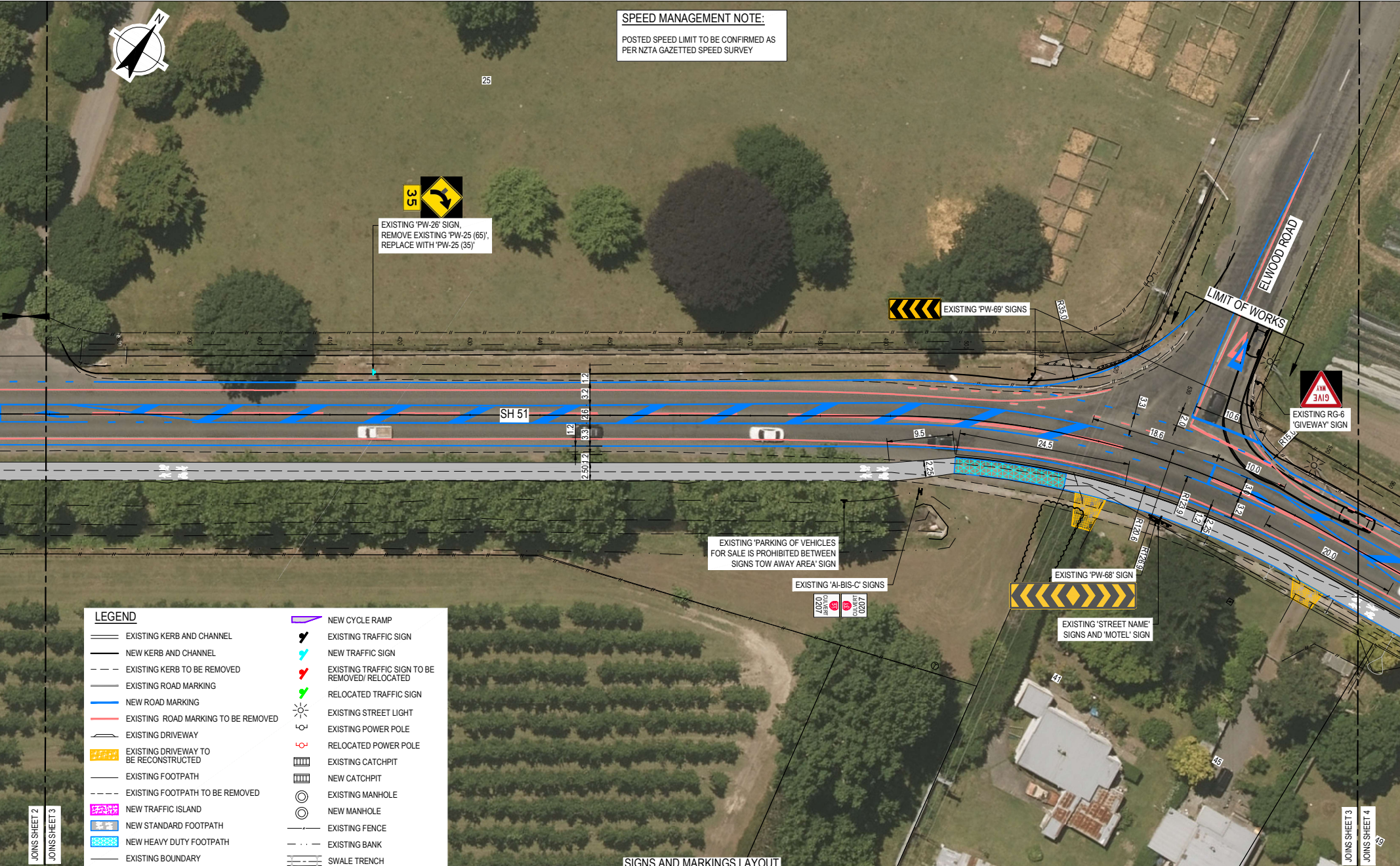
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Approved (Project Director)		Date	
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PRELIMINARY

Client: **HASTINGS DISTRICT COUNCIL**
Project: **SH51- WAIPATU**
Title: **SIGNS AND MARKINGS LAYOUT SHEET 2 OF 12**

Original Size: **A1**
Drawing No: **12520885-C532**
Rev: **B**



LEGEND			
	EXISTING KERB AND CHANNEL		NEW CYCLE RAMP
	NEW KERB AND CHANNEL		EXISTING TRAFFIC SIGN
	EXISTING KERB TO BE REMOVED		NEW TRAFFIC SIGN
	EXISTING ROAD MARKING		EXISTING TRAFFIC SIGN TO BE REMOVED/ RELOCATED
	NEW ROAD MARKING		RELOCATED TRAFFIC SIGN
	EXISTING ROAD MARKING TO BE REMOVED		EXISTING STREET LIGHT
	EXISTING DRIVEWAY		EXISTING POWER POLE
	EXISTING DRIVEWAY TO BE RECONSTRUCTED		RELOCATED POWER POLE
	EXISTING FOOTPATH		EXISTING CATCHPIT
	EXISTING FOOTPATH TO BE REMOVED		NEW CATCHPIT
	NEW TRAFFIC ISLAND		EXISTING MANHOLE
	NEW STANDARD FOOTPATH		NEW MANHOLE
	NEW HEAVY DUTY FOOTPATH		EXISTING FENCE
	EXISTING BOUNDARY		EXISTING BANK
			SWALE TRENCH

SIGNS AND MARKINGS LAYOUT

SCALE 1:250-A1

PRELIMINARY

B	DRAWINGS UPDATED	WS	CA*	CP*	02.06.20
A	PRELIMINARY ISSUE	WS	CA*	AP*	01.05.20
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director

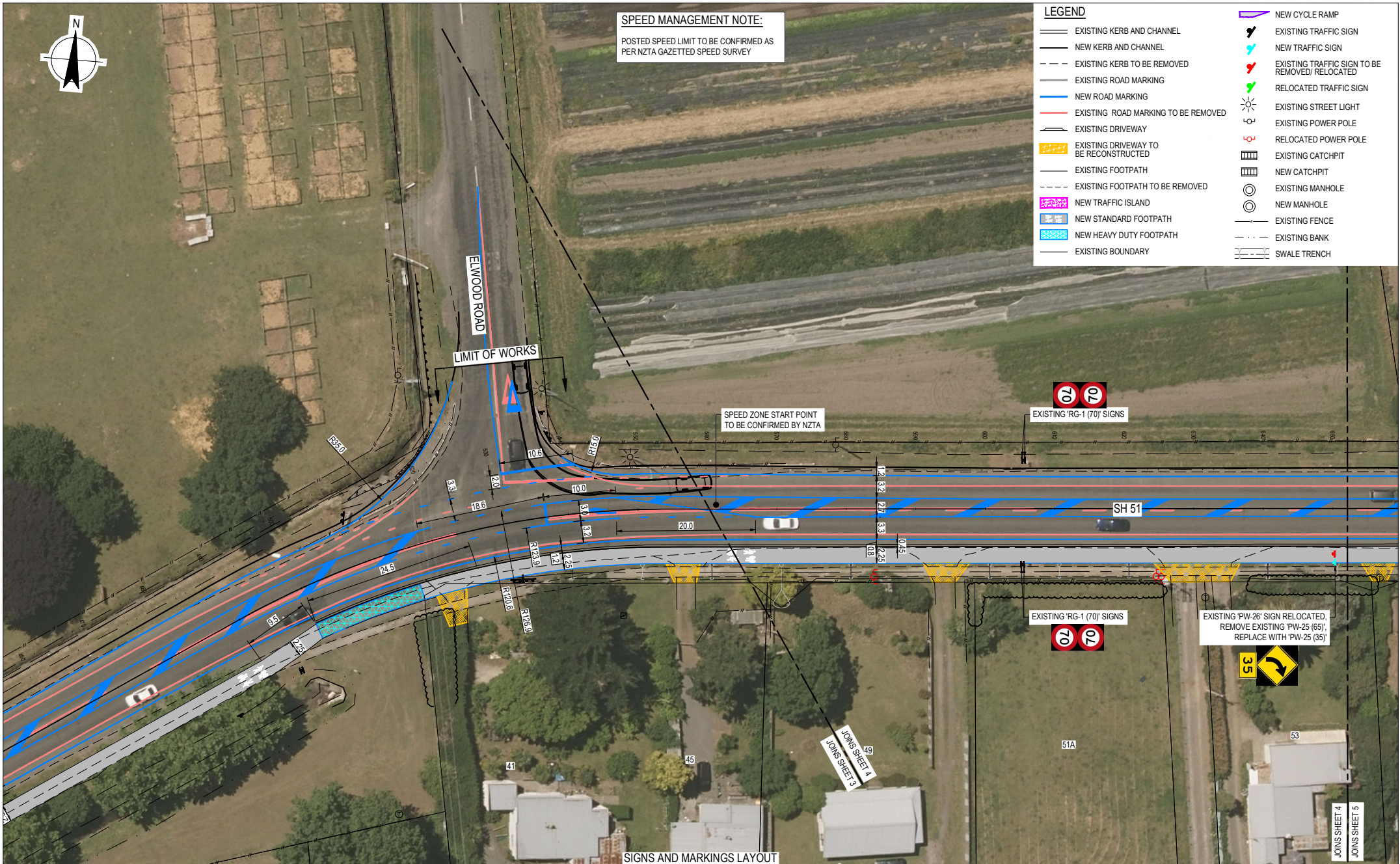


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Drafting Check		Design Check	
Approved (Project Director)		Date	
Scale	1:250-A1	This Drawing must not be used for Construction unless signed as Approved	

Client	HASTINGS DISTRICT COUNCIL
Project	SH51- WAIPATU
Title	SIGNS AND MARKINGS LAYOUT
Sheet	SHEET 3 OF 12
Original Size	A1
Drawing No:	12520885-C533
Rev:	B



SIGNS AND MARKINGS LAYOUT

SCALE 1:250-A1

PRELIMINARY

B	DRAWINGS UPDATED	WS	CA*	CP*	02.06.20
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				Project Director	Date



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Drafting Check

Approved (Project Director)

Date

Scale 1:250-A1

Designer R. TAN

Design Check

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Client
Project
Title
**HASTINGS DISTRICT COUNCIL
SH51- WAIPATU
SIGNS AND MARKINGS LAYOUT
SHEET 4 OF 12**

Original Size
A1 Drawing No: 12520885-C534

Rev: B



SPEED MANAGEMENT NOTE:
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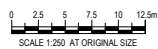
- LEGEND**
- EXISTING KERB AND CHANNEL
 - NEW KERB AND CHANNEL
 - EXISTING KERB TO BE REMOVED
 - EXISTING ROAD MARKING
 - NEW ROAD MARKING
 - EXISTING ROAD MARKING TO BE REMOVED
 - EXISTING DRIVEWAY
 - EXISTING DRIVEWAY TO BE RECONSTRUCTED
 - EXISTING FOOTPATH
 - EXISTING FOOTPATH TO BE REMOVED
 - NEW TRAFFIC ISLAND
 - NEW STANDARD FOOTPATH
 - NEW HEAVY DUTY FOOTPATH
 - EXISTING BOUNDARY
 - NEW CYCLE RAMP
 - EXISTING TRAFFIC SIGN
 - NEW TRAFFIC SIGN
 - EXISTING TRAFFIC SIGN TO BE REMOVED/ RELOCATED
 - RELOCATED TRAFFIC SIGN
 - EXISTING STREET LIGHT
 - EXISTING POWER POLE
 - RELOCATED POWER POLE
 - EXISTING CATCHPIT
 - NEW CATCHPIT
 - EXISTING MANHOLE
 - NEW MANHOLE
 - EXISTING FENCE
 - EXISTING BANK
 - SWALE TRENCH

SIGNS AND MARKINGS LAYOUT

SCALE 1:250-A1

PRELIMINARY

B	DRAWINGS UPDATED	WS	CA*	CP*	02.06.20
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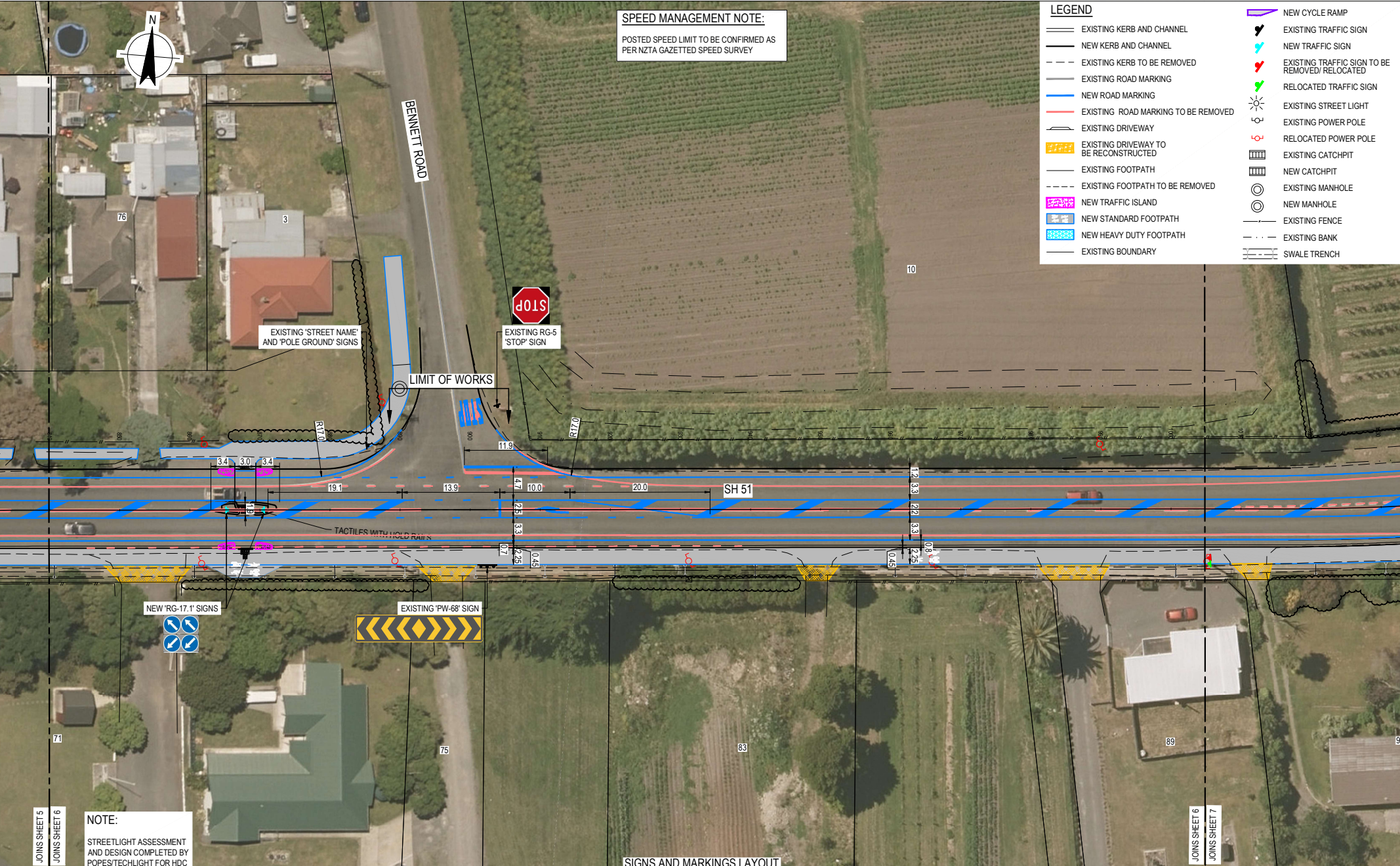
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Client	HASTINGS DISTRICT COUNCIL
Project	SH51- WAIPATU
Title	SIGNS AND MARKINGS LAYOUT
Original Size	A1
Drawing No:	12520885-C535
Rev:	B



LEGEND	
	EXISTING KERB AND CHANNEL
	NEW KERB AND CHANNEL
	EXISTING KERB TO BE REMOVED
	EXISTING ROAD MARKING
	NEW ROAD MARKING
	EXISTING ROAD MARKING TO BE REMOVED
	EXISTING DRIVEWAY
	EXISTING DRIVEWAY TO BE RECONSTRUCTED
	EXISTING FOOTPATH
	EXISTING FOOTPATH TO BE REMOVED
	NEW TRAFFIC ISLAND
	NEW STANDARD FOOTPATH
	NEW HEAVY DUTY FOOTPATH
	EXISTING BOUNDARY
	NEW CYCLE RAMP
	EXISTING TRAFFIC SIGN
	NEW TRAFFIC SIGN
	EXISTING TRAFFIC SIGN TO BE REMOVED/ RELOCATED
	RELOCATED TRAFFIC SIGN
	EXISTING STREET LIGHT
	EXISTING POWER POLE
	RELOCATED POWER POLE
	EXISTING CATCHPIT
	NEW CATCHPIT
	EXISTING MANHOLE
	NEW MANHOLE
	EXISTING FENCE
	EXISTING BANK
	SWALE TRENCH

JOINS SHEET 5
JOINS SHEET 6

NOTE:
STREETLIGHT ASSESSMENT
AND DESIGN COMPLETED BY
POPESTECHLIGHT FOR HDC

SIGNS AND MARKINGS LAYOUT
SCALE 1:250-A1

HASTINGS
DISTRICT COUNCIL

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Approved (Project Director)
Date

Designer R. TAN
Design Check

Client
Project
Title

**HASTINGS DISTRICT COUNCIL
SH51- WAIPATU
SIGNS AND MARKINGS LAYOUT
SHEET 6 OF 12**

Original Size
A1

Drawing No: **12520885-C536**

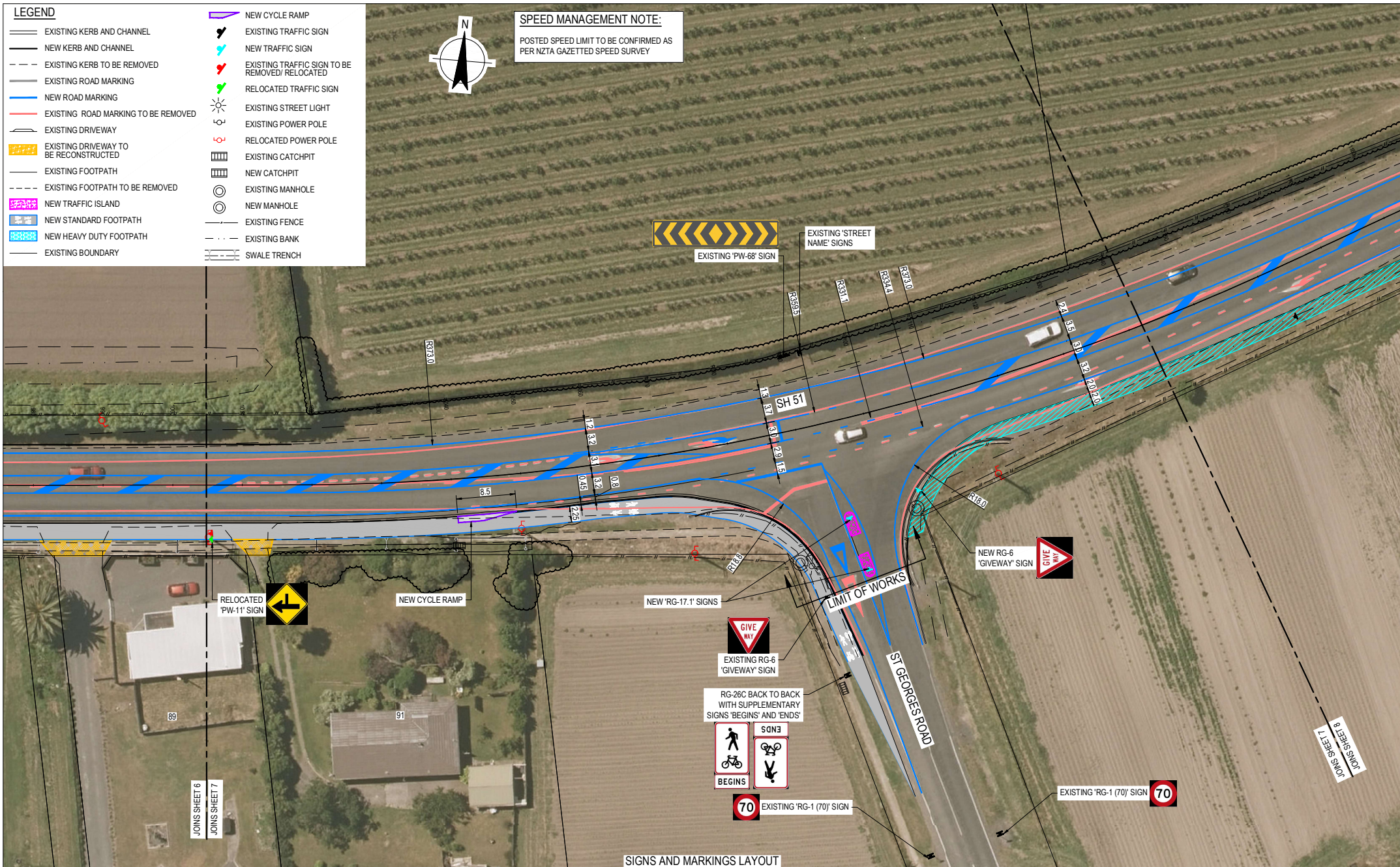
Rev: **B**

0 2.5 5 7.5 10 12.5m
SCALE 1:250 AT ORIGINAL SIZE

B	DRAWINGS UPDATED	WS	CA*	CP*	02.06.20
A	PRELIMINARY ISSUE	WS	CA*	AP*	01.05.20

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Plot Date: 22 July 2020 - 4:29 PM
Plotted by: Stuart Le Page
Cad File No: C:\12520885\Drawings\12520885-C531.dwg



B	DRAWINGS UPDATED	WS	CA*	CP*	02.06.20
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		Drawn	Job Manager	Project Director	Date



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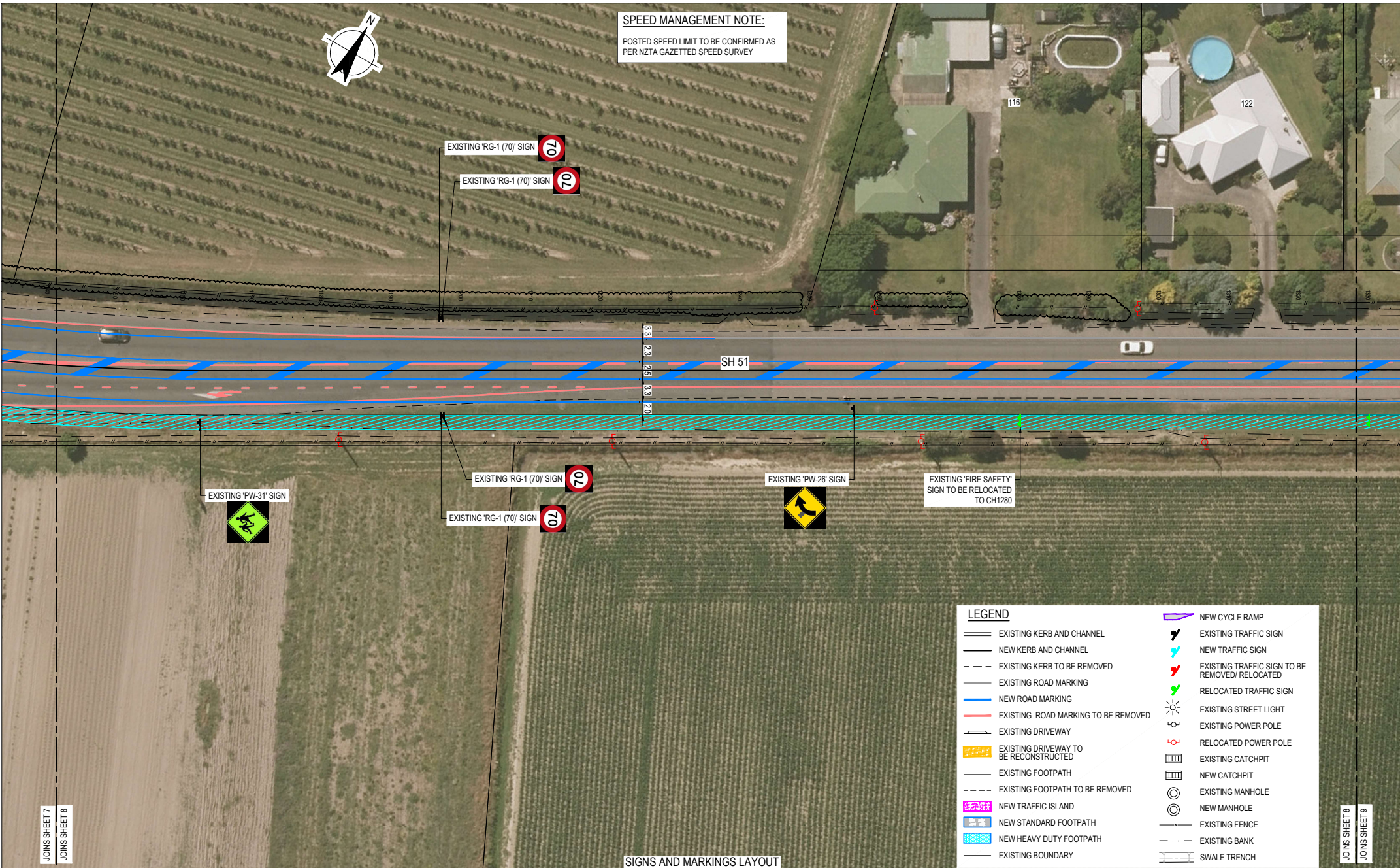
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Designer R. TAN
Drafting Check
Design Check
Approved (Project Director)
Date
Scale 1:250-A1

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Client HASTINGS DISTRICT COUNCIL
Project SH51- WAIPATU
Title SIGNS AND MARKINGS LAYOUT
SHEET 7 OF 12

Original Size A1 Drawing No: 12520885-C537

Rev: B



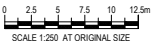
SIGNS AND MARKINGS LAYOUT

SCALE 1:250-A1

LEGEND

- EXISTING KERB AND CHANNEL
- NEW KERB AND CHANNEL
- EXISTING KERB TO BE REMOVED
- EXISTING ROAD MARKING
- NEW ROAD MARKING
- EXISTING ROAD MARKING TO BE REMOVED
- EXISTING DRIVEWAY
- EXISTING DRIVEWAY TO BE RECONSTRUCTED
- EXISTING FOOTPATH
- EXISTING FOOTPATH TO BE REMOVED
- NEW TRAFFIC ISLAND
- NEW STANDARD FOOTPATH
- NEW HEAVY DUTY FOOTPATH
- EXISTING BOUNDARY
- NEW CYCLE RAMP
- EXISTING TRAFFIC SIGN
- NEW TRAFFIC SIGN
- EXISTING TRAFFIC SIGN TO BE REMOVED/ RELOCATED
- RELOCATED TRAFFIC SIGN
- EXISTING STREET LIGHT
- EXISTING POWER POLE
- RELOCATED POWER POLE
- EXISTING CATCHPIT
- NEW CATCHPIT
- EXISTING MANHOLE
- NEW MANHOLE
- EXISTING FENCE
- EXISTING BANK
- SWALE TRENCH

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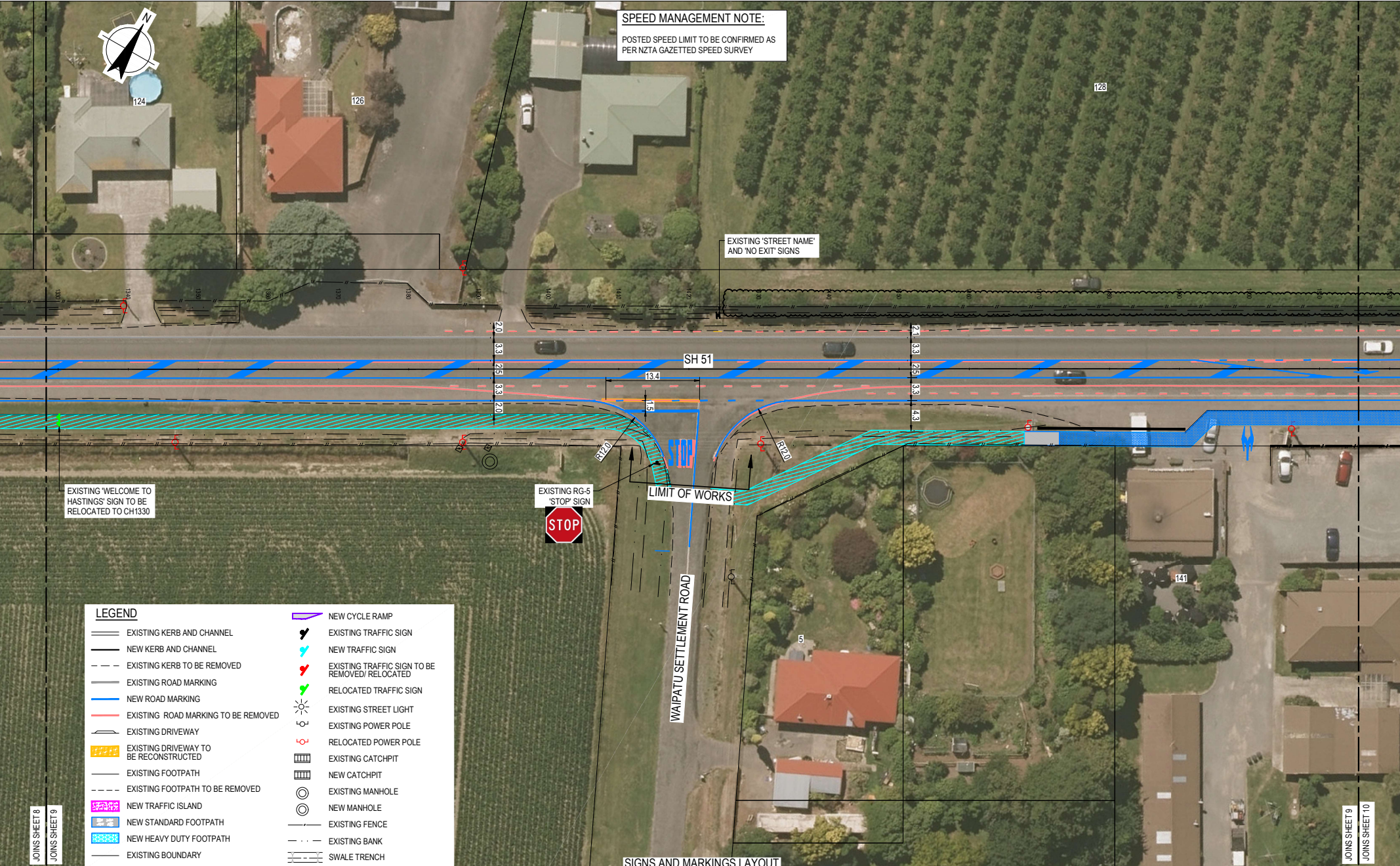
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Client	HASTINGS DISTRICT COUNCIL
Project	SH51- WAIPATU
Title	SIGNS AND MARKINGS LAYOUT
Original Size	A1
Drawing No:	12520885-C538
Rev:	B



SPEED MANAGEMENT NOTE:
POSTED SPEED LIMIT TO BE CONFIRMED AS
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EXISTING 'STREET NAME'
AND 'NO EXIT' SIGNS

EXISTING 'WELCOME TO
HASTINGS' SIGN TO BE
RELOCATED TO CH1330

EXISTING RG-5
'STOP' SIGN

LIMIT OF WORKS

WAIPATU SETTLEMENT ROAD

LEGEND

- | | |
|--|---|
| EXISTING KERB AND CHANNEL | NEW CYCLE RAMP |
| NEW KERB AND CHANNEL | EXISTING TRAFFIC SIGN |
| EXISTING KERB TO BE REMOVED | NEW TRAFFIC SIGN |
| EXISTING ROAD MARKING | EXISTING TRAFFIC SIGN TO BE
REMOVED/ RELOCATED |
| NEW ROAD MARKING | RELOCATED TRAFFIC SIGN |
| EXISTING ROAD MARKING TO BE REMOVED | EXISTING STREET LIGHT |
| EXISTING DRIVEWAY | EXISTING POWER POLE |
| EXISTING DRIVEWAY TO
BE RECONSTRUCTED | RELOCATED POWER POLE |
| EXISTING FOOTPATH | EXISTING CATCHPIT |
| EXISTING FOOTPATH TO BE REMOVED | NEW CATCHPIT |
| NEW TRAFFIC ISLAND | EXISTING MANHOLE |
| NEW STANDARD FOOTPATH | NEW MANHOLE |
| NEW HEAVY DUTY FOOTPATH | EXISTING FENCE |
| EXISTING BOUNDARY | SWALE TRENCH |

SIGNS AND MARKINGS LAYOUT

SCALE 1:250-A1

PRELIMINARY

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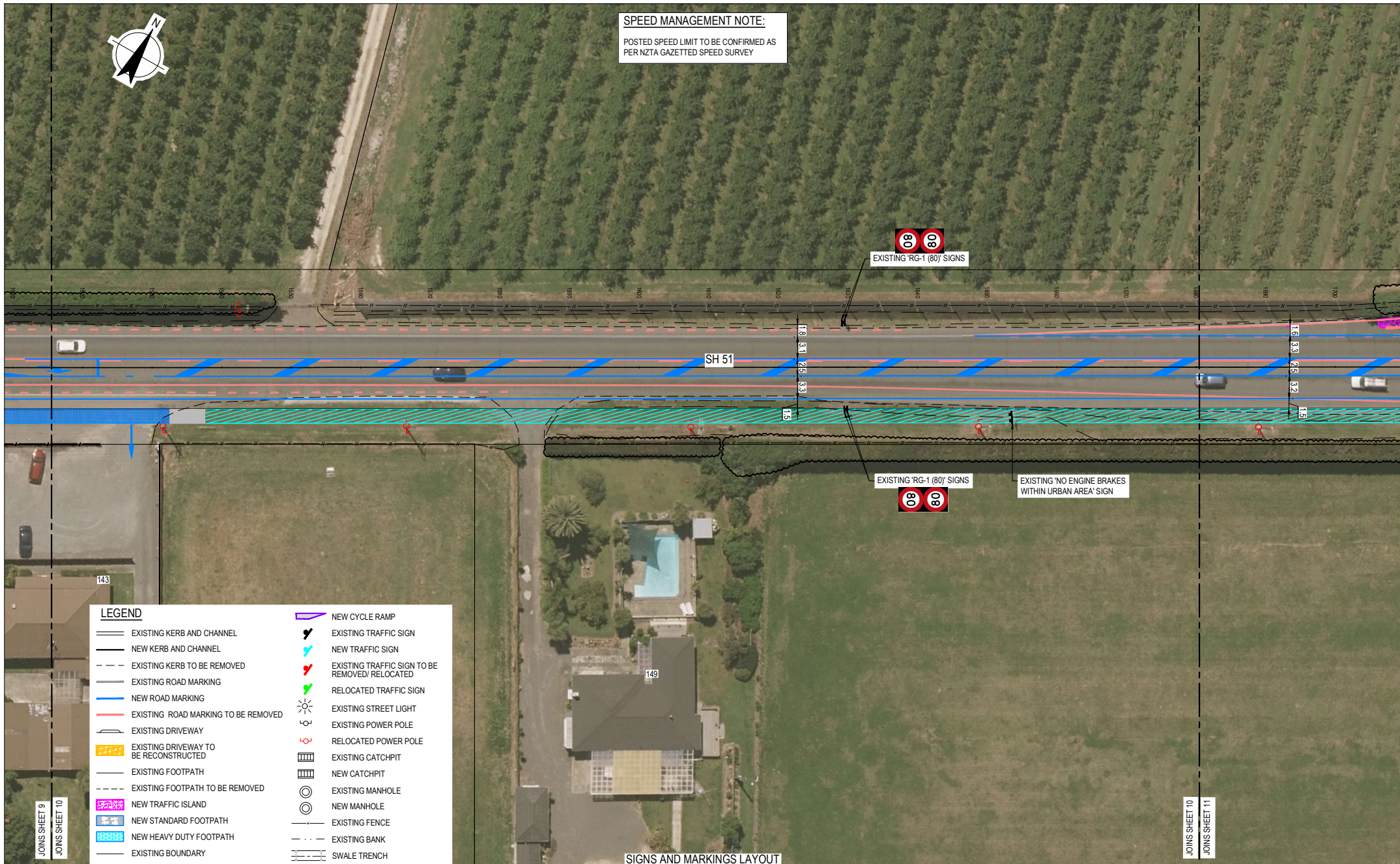
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Client Project Title	HASTINGS DISTRICT COUNCIL SH51- WAIPATU SIGNS AND MARKINGS LAYOUT SHEET 9 OF 12
Original Size	A1
Drawing No:	12520885-C539
Rev:	B



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- EXISTING TRAFFIC SIGN
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- EXISTING POWER POLE
- RELOCATED POWER POLE
- EXISTING CATCHPIT
- NEW CATCHPIT
- EXISTING MANHOLE
- NEW MANHOLE
- EXISTING FENCE
- EXISTING BANK
- SWALE TRENCH

SIGNS AND MARKINGS LAYOUT

SCALE 1:250-A1

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Drawn W. SMITH

Drafting Check

Approved (Project Director)

Date

Scale 1:250-A1

Designer R. TAN

Design Check

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Client

Project

Title

Original Size

Rev: B

HASTINGS DISTRICT COUNCIL
SH51- WAIPATU
SIGNS AND MARKINGS LAYOUT
SHEET 10 OF 12

Drawing No: **12520885-C540**

