To Whom It May Concern,

17 July 2020

On 8 August 2020 the Hikurangi Business Association held its monthly meeting and feedback was given regarding recent changes to the road layout, done by the WDC during the months of June and July 2020.

The general feedback in regards to the new layout of the painted lines, is that they are appreciated and approved of by the local businesses due to the fact that they have helped to slow traffic down, especially through the central business area.

Finally, we had a few upset business owners who have raised an issue with the recent road works done around the ends of the new pedestrian crossing. It was unanimously noted that the council had not consulted any of the business that would be effected by the noise issues and the parking unavailability during the time this work was taking place. I am sure you can appreciate that for a lot of our business owners, coming off the back of Covid-19 lockdowns which effected our small town businesses considerably financially, that this week or so work where they had customers not attending due to the noise and parking issues has negatively effected their financial situations even further.

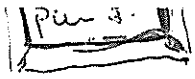
Had the local businesses been given advance warning of the disruption, some of them could have possibly altered the way they offered their services to their customers during that time, ie: by offering online/phone orders and delivery etc. With adequate notice they would have been able to inform their customers in advance and prevented a substantial amount of their financial loss.

We would like to request that in the future, may the council do any other road works that may effect the noise, parking, or any other way that prohibits the general public from going about regular shopping in our town, can we please be notified in advance via email through the Hikurangi Business Association email:

admin@hikurangi.co.nz

Thankyou for your consideration in this matter and we look forward to hearing from you regarding the raised pedestrian crossing and notification of future road works.

Shayn Rouse
Hikurangi Business Association - Vice Chairman.



**'n Rouse [Rouse Motorcycles LTD]**

**From:** Hilary Malcolm <Hilary.Malcolm@wdc.govt.nz>
**Sent:** Tuesday, 28 July, 2020 3:52 p.m.
**To:** Admin [Rouse Motorcycles LTD]; Shayn Rouse [Rouse Motorcycles LTD]
**Subject:** RDG068517 - King Street,Hikurangi

**RDG068517 - King Street, Hikurangi**

Good Afternoon,
Thank you for contacting the Whangarei District council regarding the recent works in Hikurangi. Our Capital Projects Team communicated with Hikurangi Community Representative – Neil Crowther, during all stages of the project. Onsite meetings with all affected business were conducted at several stages before and after the project.
A raised pedestrian crossing was not part of the current design and project.
I have added the email address to our Roading Stakeholders list for future notifications.

Regards

Hilary Malcolm
Customer Service Administrator – Roading| Northland Transportation Alliance
Level 1, Walton Plaza, 4 Albert Street | Private Bag 9023, Whangarei 0148 |
DDI 09 4703152 | E hilary.malcolm@wdc.govt.nz

NORTHLAND TRANSPORTATION ALLIANCE

Far North District Council · KAIPARA · Whangarei · Northland Regional Council · WAKA KOTAHI

Copy from Roy Smith.

**Roy and Donna** Hikurangi Fire Station.

**From:** "Hilary Malcolm" <Hilary.Malcolm@wdc.govt.nz>
**Date:** Tuesday, 4 August 2020 9:30 AM
**To:** <royanddonna@slingshot.co.nz>
**Subject:** RDG068753- Alfred Street

**RDG068753- Alfred Street**

*Good Morning,*
Thank you for contacting the Whangarei District Council regarding the design of the new traffic island in Alfred Street/George Street.
The islands have been designed by WSP with specific turning radius with the fire truck in mind, one of the Roading staff are in the Volunteer Fire Brigade and visited the site to check the measurements. The lane is 5.1m wide, the truck is around 2.2m wide so this allows room to turn. It is currently narrower whilst we build but it is still in excess of 2.5m wide.

These pedestrian islands are being constructed to restrict vehicles crossing the centreline at intersections and at speed (observed at nearly every meeting/inspection) and to allow pedestrians a suitable refuge space whilst crossing these very wide roads.

Our Capital Projects Team communicated with Hikurangi Community Representative – Neil Crowther, during all stages of the project. Onsite meetings with all affected business were conducted at several stages before and after the project.

Regards
Hilary Malcolm
Customer Service Administrator – Roading| Northland Transportation Alliance
Level 1, Walton Plaza, 4 Albert Street | Private Bag 9023, Whangarei 0148 |
DDI 09 4703152 | E hilary.malcolm@wdc.govt.nz

NORTHLAND TRANSPORTATION ALLIANCE
Far North District Council · Kaipara District · Whangarei District Council · Northland Regional Council · Waka Kotahi NZ Transport Agency

5/08/2020

| SHEET INDEX | | |
|---|---|---|
| SHEET No. | SHEET TITLE | REVISION |
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| C02 | PLAN - GEORGE DSP. 720 - KING STREET DISP. 180 | D |
| C03 | PLAN - KING STREET DISP. 180 - 940 | D |
| C04 | PLAN - KING STREET DISP. 940 - 1650 | D |
| C05 | PLAN - VALLEY ROAD DISP. 0 - 350 | C |
| C06 | PLAN - VALLEY ROAD DISP. 350 - 980 | A |
| C07 | PLAN - PEDESTRIAN CROSSING | D |
| C08 | PLAN 1 - GEORGE STREET / KING STREET INTERSECTION | D |
| C09 | PLAN 2 - GEORGE STREET / KING STREET INTERSECTION | D |
| C10 | DETAILS | C |
| C11 | PLAN - GEORGE STREET DISP. 0 - 720 VEHICLE TRACKING | B |
| C12 | PLAN - GEORGE DISP. 710 - KING STREET DISP. 180 VEHICLE TRACKING | B |
| C13 | PLAN - KING STREET DISP. 180 - 940 VEHICLE TRACKING | B |
| C14 | EXISTING SIGNAGE PLAN | C |
| C15 | PROPOSED SIGNAGE PLAN | C |

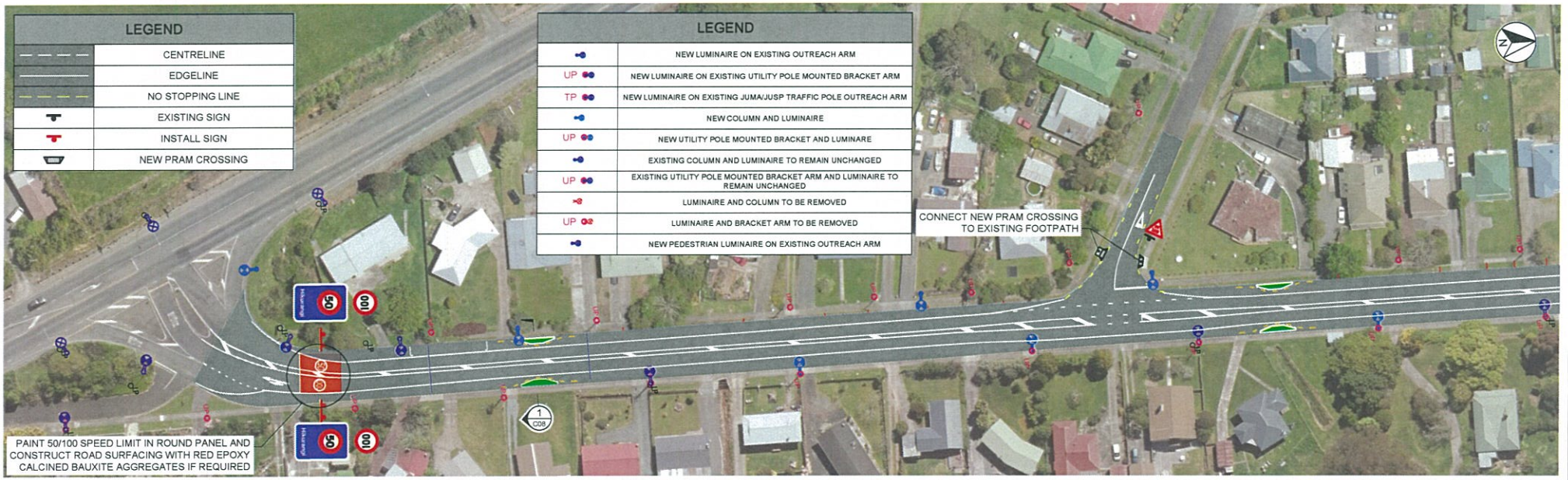
# WHANGAREI DISTRICT COUNCIL
# HIKURANGI TOWNSHIP
# SAFETY IMPROVEMENTS

## DRAFT - NOT FOR CONSTRUCTION

**Project No: 1-13835.00**
**Date: JUNE 2020**

| LEGEND | |
|---|---|
| | CENTRELINE |
| | EDGELINE |
| | NO STOPPING LINE |
| | EXISTING SIGN |
| | INSTALL SIGN |
| | NEW PRAM CROSSING |

| LEGEND | |
|---|---|
| | NEW LUMINAIRE ON EXISTING OUTREACH ARM |
| UP | NEW LUMINAIRE ON EXISTING UTILITY POLE MOUNTED BRACKET ARM |
| TP | NEW LUMINAIRE ON EXISTING JUMA/JUSP TRAFFIC POLE OUTREACH ARM |
| | NEW COLUMN AND LUMINAIRE |
| UP | NEW UTILITY POLE MOUNTED BRACKET AND LUMINARE |
| | EXISTING COLUMN AND LUMINAIRE TO REMAIN UNCHANGED |
| UP | EXISTING UTILITY POLE MOUNTED BRACKET ARM AND LUMINAIRE TO REMAIN UNCHANGED |
| | LUMINAIRE AND COLUMN TO BE REMOVED |
| UP | LUMINAIRE AND BRACKET ARM TO BE REMOVED |
| | NEW PEDESTRIAN LUMINAIRE ON EXISTING OUTREACH ARM |



DRAWING IN PROGRESS

PLOTTED ON 2020-6-11 AT 4:42 PM

DRAFT - NOT FOR CONSTRUCTION

## NOTES:

1. ALL MARKINGS TO BE INSTALLED IN ACCORDANCE WITH MOTSAM PART 2: MARKINGS.
2. ALL SIGNS TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH MOTSAM PART 1: TRAFFIC SIGNS.
3. ALL WORK TO BE IN ACCORDANCE WITH WDC EES (2010).
4. ALL REDUNDANT MARKINGS TO BE REMOVED USING COLD APPLIED PLASTIC METHOD.

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 19-09-2019 |
| B | ISSUED FOR INFORMATION | - | 21-10-2019 |
| C | ISSUED FOR INFORMATION | D. C | 25-11-2019 |
| D | ISSUED FOR INFORMATION | - | 19-03-2020 |

Whangarei District Council


WSP
Whangarei Office
+64 9 430 1700
125A Bank Street
PO Box 553
Whangarei 0110


| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | Project No. | Sheet No. | Revision |
| M. GAISOA | 1:500 AT A1 | 1-13835.00 | C01 | D |

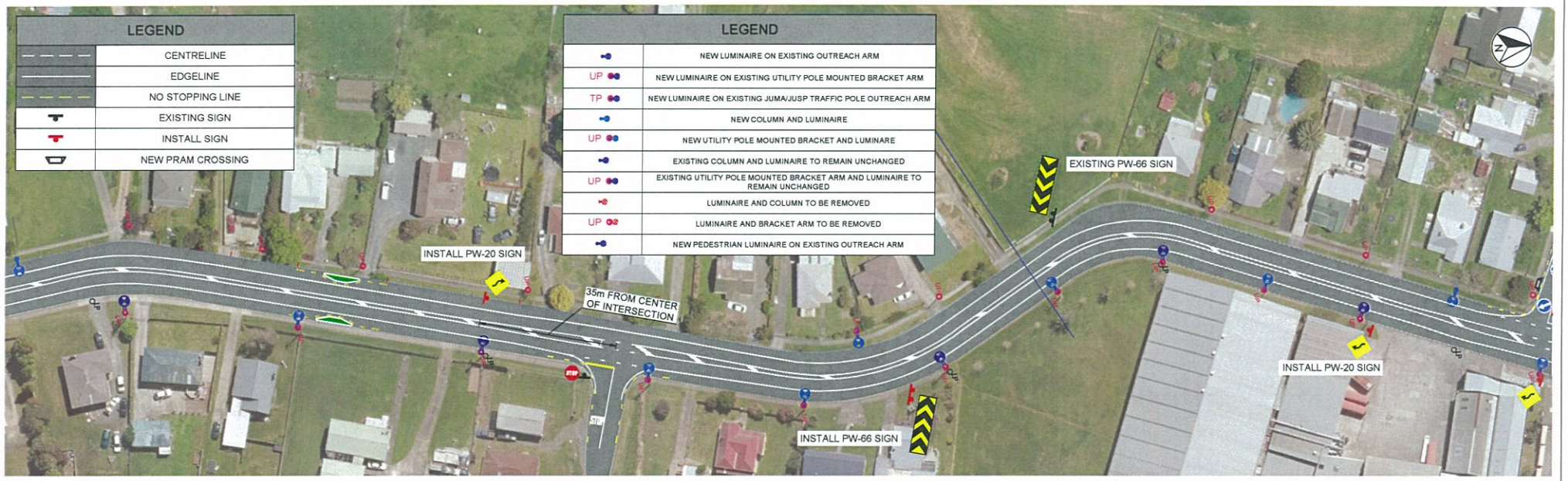
Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: PLANS
GEORGE STREET DISP. 0 - 720


Original Sheet Size A1 [841x594] Plot Date 2020-06-11 at 4:42:55 PM Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\(C)Civil+AutoCAD\1-13835.00_C00-06, C09-C12 - Median RH.dwg C01

| LEGEND | |
|---|---|
| | CENTRELINE |
| | EDGELINE |
| | NO STOPPING LINE |
| | EXISTING SIGN |
| | INSTALL SIGN |
| | NEW PRAM CROSSING |

| LEGEND | |
|---|---|
| | NEW LUMINAIRE ON EXISTING OUTREACH ARM |
| UP | NEW LUMINAIRE ON EXISTING UTILITY POLE MOUNTED BRACKET ARM |
| TP | NEW LUMINAIRE ON EXISTING JUMA/JUSP TRAFFIC POLE OUTREACH ARM |
| | NEW COLUMN AND LUMINAIRE |
| UP | NEW UTILITY POLE MOUNTED BRACKET AND LUMINARE |
| | EXISTING COLUMN AND LUMINAIRE TO REMAIN UNCHANGED |
| UP | EXISTING UTILITY POLE MOUNTED BRACKET ARM AND LUMINAIRE TO REMAIN UNCHANGED |
| | LUMINAIRE AND COLUMN TO BE REMOVED |
| UP | LUMINAIRE AND BRACKET ARM TO BE REMOVED |
| | NEW PEDESTRIAN LUMINAIRE ON EXISTING OUTREACH ARM |



DRAWING IN PROGRESS
PLOTTED ON 2020-5-11 AT 4:43 PM
DRAFT - NOT FOR CONSTRUCTION

NOTES:

1. REFER TO SHEET C01 FOR NOTES.
2. REFER TO SHEET C07 & C08 FOR LONG TERM.
3. NEW FOOTPATH IS TO BE CONSTRUCTED ACCORDING TO WDC ENGINEERING STANDARDS.

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 19-09-2019 |
| B | ISSUED FOR INFORMATION | - | 21-10-2019 |
| C | ISSUED FOR INFORMATION | D. C | 25-11-2019 |
| D | ISSUED FOR INFORMATION | - | 19-03-2020 |

Whangarei District Council


wsp
Whangarei Office
+64 9 430 1700
125A Bank Street
PO Box 553
Whangarei 0110

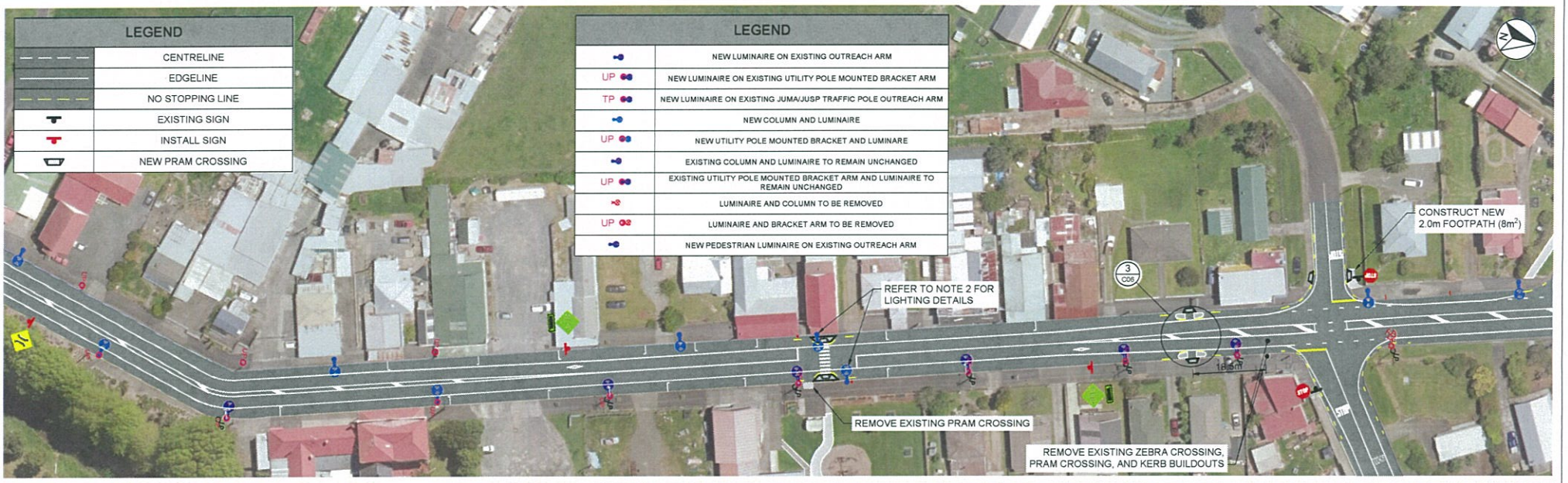

| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | Project No. | Sheet No. | Revision |
| M. GAISOA | 1:500 AT A1 | 1-13835.00 | C02 | D |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: PLANS
GEORGE DISP. 720 - KING STREET DISP. 180

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m


Original Sheet Size A1 [841x594] Plot Date 2020-05-11 at 4:43:10 PM Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\(C)Civil+AutoCAD\1-13835.00_C00-06, C09-C12 - Median RH.dwg C02



## NOTES:

1. REFER TO SHEET C01 FOR NOTES.
2. GROUND PLATED BLACK AND WHITE PEDESTRIAN CROSSING OCTAGONAL GALVANISED STEEL COLUMN WITH A 1.0m CURVED OUTREACH ARM COMPLETE WITH FLASHING BELISHA BEACON AND I-TRON LUMINAIRE. THE LUMINAIRES SHALL BE MOUNTED AT A HEIGHT OF 6.5m.
3. CONSTRUCT NEW FOOTPATH ACCORDING TO WDC ENGINEERING STANDARDS.

1:500 @ A1 1:1000 @ A3 0 5 10 15 20 25 30 35 40 45 50 m

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 19-09-2019 |
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| C | ISSUED FOR INFORMATION | D. C | 25-11-2019 |
| D | ISSUED FOR INFORMATION | - | 19-03-2020 |

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| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | |
| M. GAISOA | 1:500 AT A1 | |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: PLANS
KING STREET DISP. 180 - 940

Project No.: 1-13835.00
Sheet. No.: C03
Revision: D

Original Sheet Size A1 [841x594] Plot Date 2020-06-11 at 4:43:28 PM Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\[C]Civil+AutoCAD\1-13835.00_C00-06, C09-C12 - Median RH.dwg C03

| LEGEND | |
|---|---|
| | CENTRELINE |
| | EDGELINE |
| | NO STOPPING LINE |
| | EXISTING SIGN |
| | INSTALL SIGN |
| | NEW PRAM CROSSING |

| LEGEND | |
|---|---|
| | NEW LUMINAIRE ON EXISTING OUTREACH ARM |
| UP | NEW LUMINAIRE ON EXISTING UTILITY POLE MOUNTED BRACKET ARM |
| TP | NEW LUMINAIRE ON EXISTING JUMA/JUSP TRAFFIC POLE OUTREACH ARM |
| | NEW COLUMN AND LUMINAIRE |
| UP | NEW UTILITY POLE MOUNTED BRACKET AND LUMINARE |
| | EXISTING COLUMN AND LUMINAIRE TO REMAIN UNCHANGED |
| UP | EXISTING UTILITY POLE MOUNTED BRACKET ARM AND LUMINAIRE TO REMAIN UNCHANGED |
| | LUMINAIRE AND COLUMN TO BE REMOVED |
| UP | LUMINAIRE AND BRACKET ARM TO BE REMOVED |
| | NEW PEDESTRIAN LUMINAIRE ON EXISTING OUTREACH ARM |

PAINT 50/100 SPEED LIMIT IN ROUND PANEL AND CONSTRUCT ROAD SURFACING WITH RED EPOXY CALCINED BAUXITE AGGREGATES IF REQUIRED

**DRAWING IN PROGRESS**

PLOTTED ON 2020-06-11 AT 4:43 PM

DRAFT - NOT FOR CONSTRUCTION

## NOTES:

1. REFER TO SHEET C01 FOR NOTES.

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 19-09-2019 |
| B | ISSUED FOR INFORMATION | - | 21-10-2019 |
| C | ISSUED FOR INFORMATION | D. C | 25-11-2019 |
| D | ISSUED FOR INFORMATION | - | 19-03-2020 |

Whangarei District Council


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125A Bank Street
PO Box 553
Whangarei 0110


| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | |
| M. GAISOA | 1:500 AT A1 | |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: PLANS
KING STREET DISP. 940 - 1650

Project No.: 1-13835.00

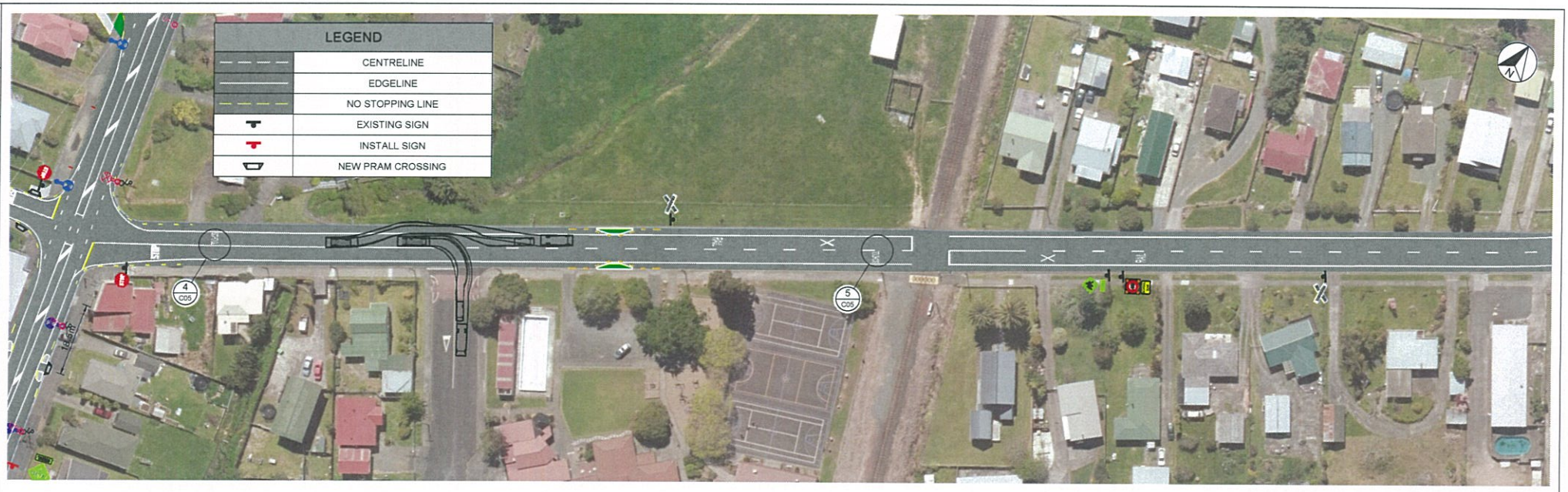
Sheet No.: C04

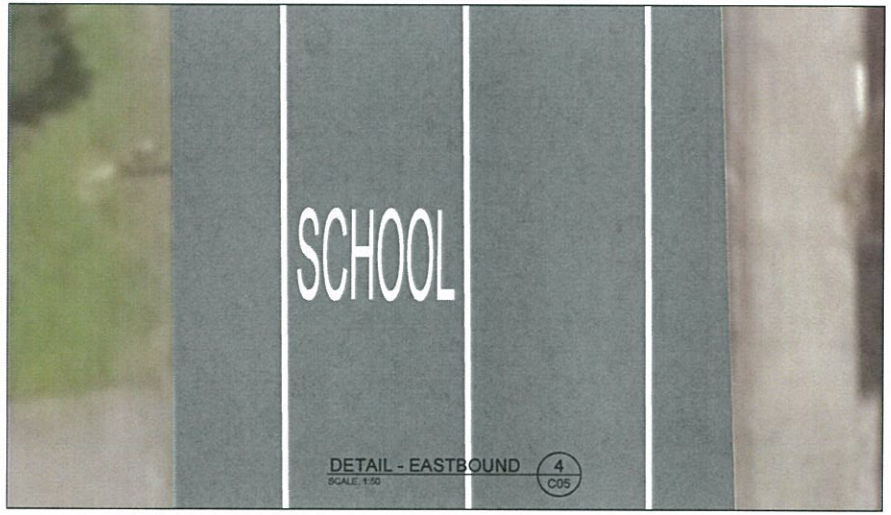
Revision: D

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m

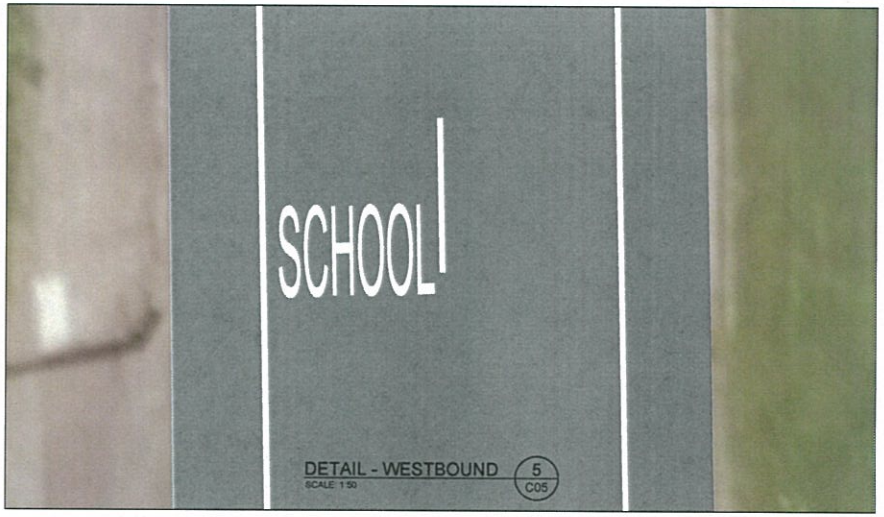
Original Sheet Size A1 [841x594] Plot Date 2020-06-11 at 4:43:43 PM Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\[C]Civil=AutoCAD\1-13835.00_C00-06, C09-C12 - Median RH.dwg C04

| LEGEND | |
|---|---|
| | CENTRELINE |
| | EDGELINE |
| | NO STOPPING LINE |
| | EXISTING SIGN |
| | INSTALL SIGN |
| | NEW PRAM CROSSING |




DETAIL - EASTBOUND 4 C05
SCALE: 1:50




DETAIL - WESTBOUND 5 C05
SCALE: 1:50

**DRAWING IN PROGRESS**

PLOTTED ON 2020-6-11 AT 4:44 PM

DRAFT - NOT FOR CONSTRUCTION

NOTES:

1. REFER TO SHEET C01 FOR NOTES.

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 19-09-2019 |
| B | ISSUED FOR INFORMATION | - | 21-10-2019 |
| C | ISSUED FOR INFORMATION | D.C | 25-11-2019 |

Whangarei District Council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| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | Project No. | Sheet No. | Revision |
| M. GAISOA | 1:50, 1:500 AT A1 | 1-13835.00 | C05 | C |

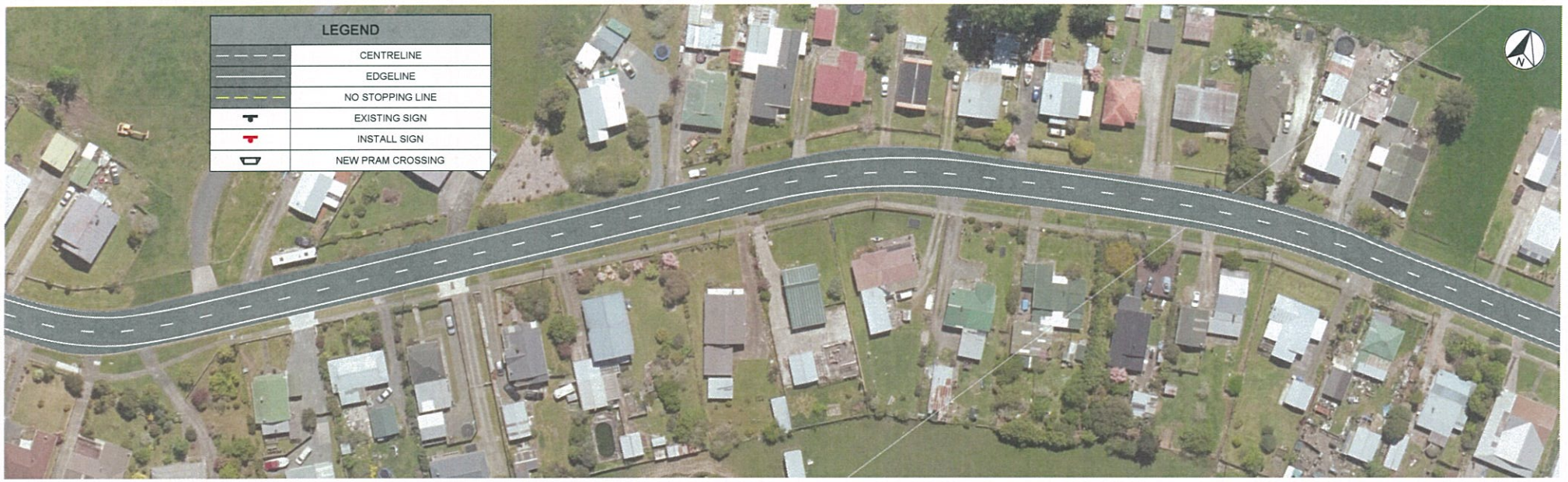
Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: PLANS
VALLEY ROAD DISP. 0 - 350

1:250 @ A1
1:500 @ A3
0 4 8 12 16 20 24 m


Original Sheet Size A1 [841x594] Plot Date 2020-06-11 at 4:44:03 PM Path G:\101 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\[C]Civil+AutoCAD\1-13835.00_C00-06, C09-C12 - Median RH.dwg C05

| LEGEND | |
|---|---|
| | CENTRELINE |
| | EDGELINE |
| | NO STOPPING LINE |
| | EXISTING SIGN |
| | INSTALL SIGN |
| | NEW PRAM CROSSING |



DRAFT - NOT FOR CONSTRUCTION

NOTES:

1. REFER TO SHEET C01 FOR NOTES.

1:250 @ A1
1:500 @ A3
0 4 8 12 16 20 24 m

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 10-06-2020 |

Whangarei District Council

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Whangarei 0110

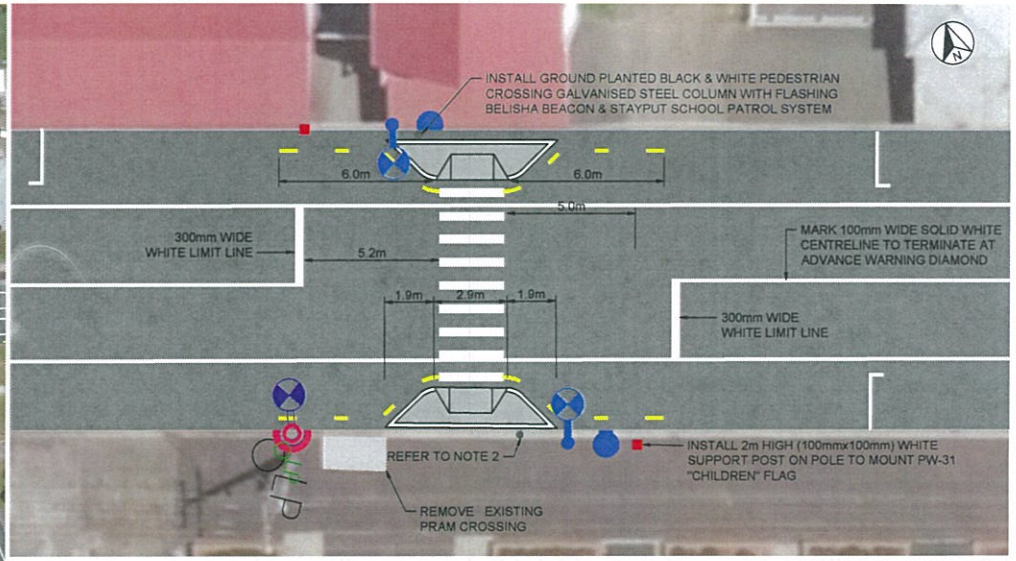
| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | |
| M. GAISOA | 1:500 AT A1 | |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

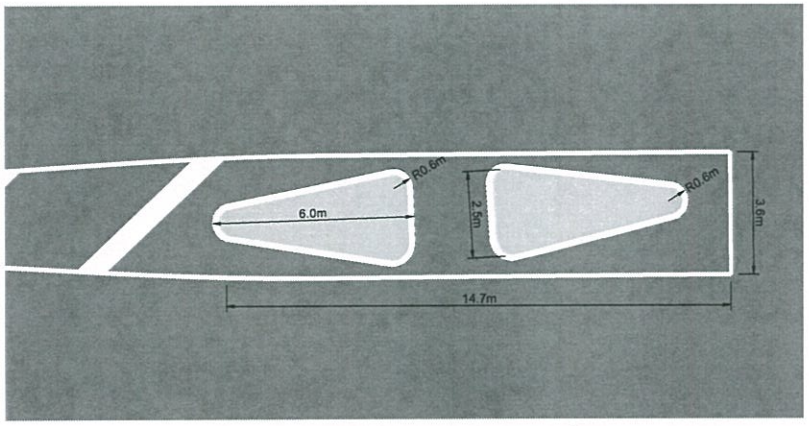
Sheet: PLANS
VALLEY ROAD DISP. 370 - 980

| Project No. | Sheet No. | Revision |
|---|---|---|
| 1-13835.00 | C06 | A |

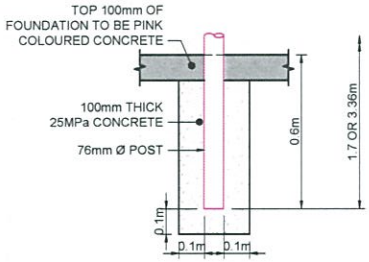
Original Sheet Size A1 [841x594] Plot Date: 2020-06-11 at 4:44:23 PM Path: G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\[C]Civil+AutoCAD\1-13835.00_C00-06, C09-C12 - Median RH.dwg C06



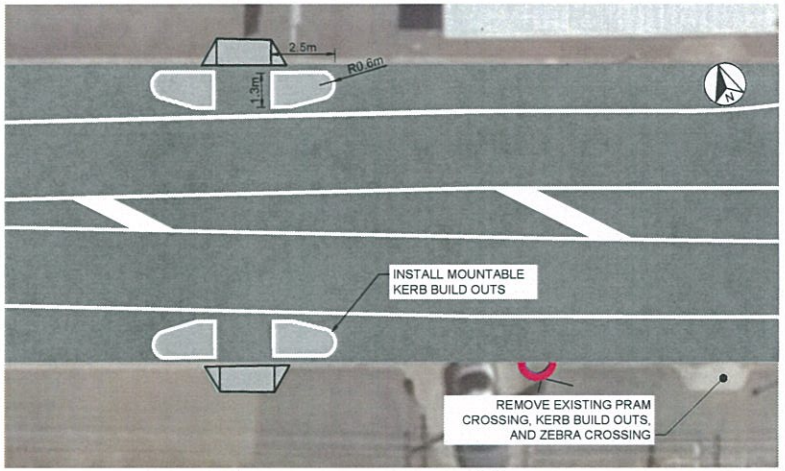

ZEBRA CROSSING DETAIL
SCALE: 1:100




PEDESTRIAN REFUGE DETAIL 6 C02
SCALE: 1:75




DETAIL - POST FOUNDATION 1 -
SCALE: 1:10




PEDESTRIAN CROSSING 3 C03
SCALE: 1:100

## NOTES:

1. REFER TO SHEET C01 FOR NOTES.
2. UNDER THE WDC V-CAT LED LIGHTING PROJECT, THE TWO PROPOSED LIGHTING COLUMNS FOR EXISTING ZEBRA CROSSING POINT SHOULD BE RELOCATED AT THE PROPOSED CROSSING LOCATION IN ORDER TO ILLUMINATE THE ZEBRA CROSSING POINT.

1:10 @ A1 / 1:20 @ A3 — 0 100 200 300 400 500 600 700 800 900 1000 mm
1:75 @ A1 / 1:150 @ A3 — 0 1 2 3 4 5 6 7 m
1:100 @ A1 / 1:200 @ A3 — 0 1 2 3 4 5 6 7 8 9 10 m
1:250 @ A1 / 1:500 @ A3 — 0 4 8 12 16 20 24 m

**DRAWING IN PROGRESS**
PLOTTED ON 2020-6-11 AT 4:44 PM
DRAFT - NOT FOR CONSTRUCTION

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 19-09-2019 |
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| D | ISSUED FOR INFORMATION | - | 19-03-2020 |

Whangarei District Council


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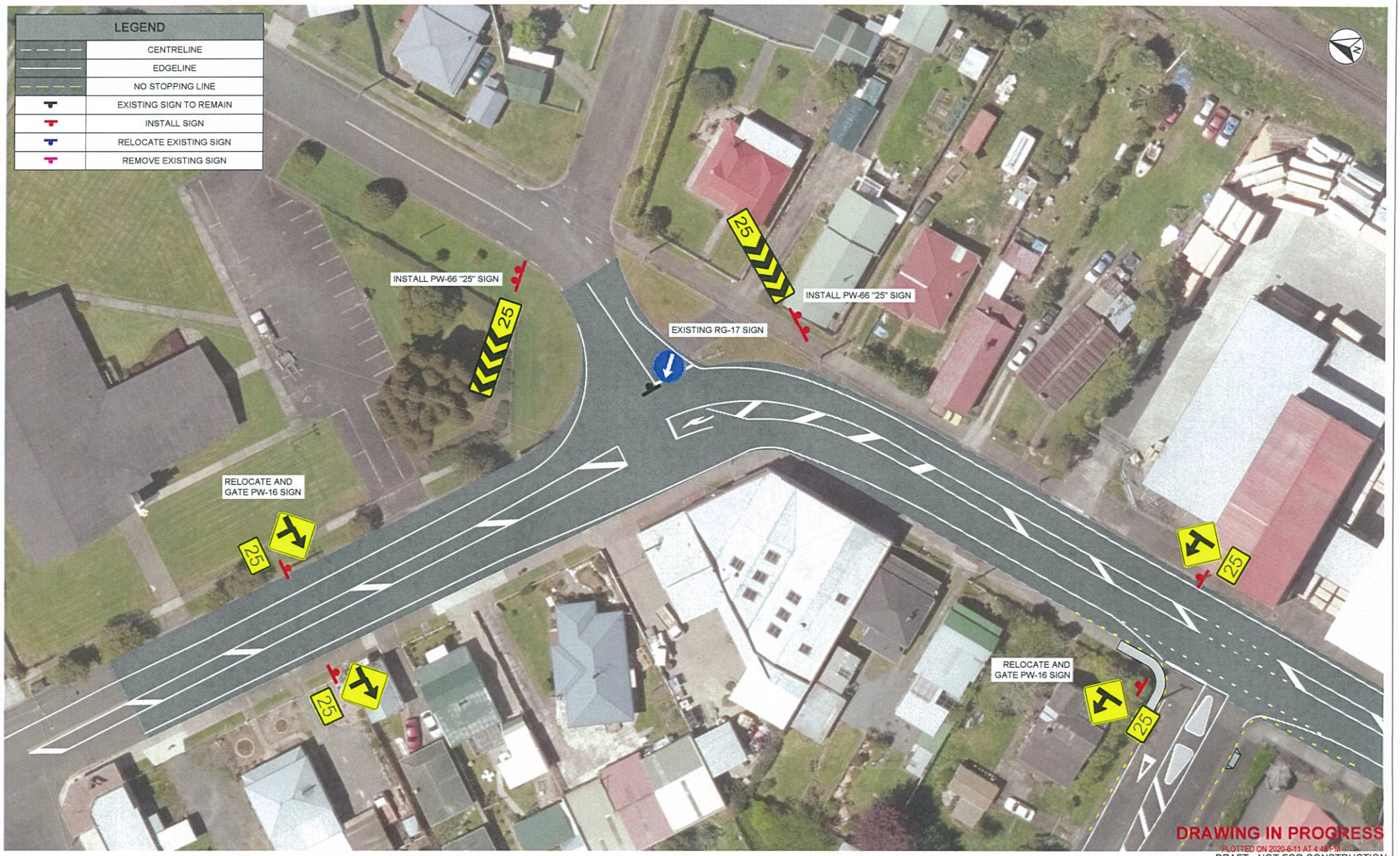
125A Bank Street
PO Box 553
Whangarei 0110


| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | Project No. | Sheet No. | Revision |
| M. GAISOA | 1:10; 1:75; 1:100; 1:250 AT A1 | 1-13835.00 | C07 | D |

Project: WHANGAREI DISTRICT COUNCIL HIKURANGI TOWNSHIP SAFETY IMPROVEMENTS
Sheet: PLANS PEDESTRIAN CROSSING


Original Sheet Size A1 [841x594] Plot Date 2020-06-11 at 4:44:46 PM Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\[C]Civil+AutoCAD\1-13835.00_C00-06, C09-C12 - Median RH.dwg C07




NOTES:

1. REFER TO SHEET C01 FOR NOTES.

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 19-09-2019 |
| B | ISSUED FOR INFORMATION | - | 21-10-2019 |

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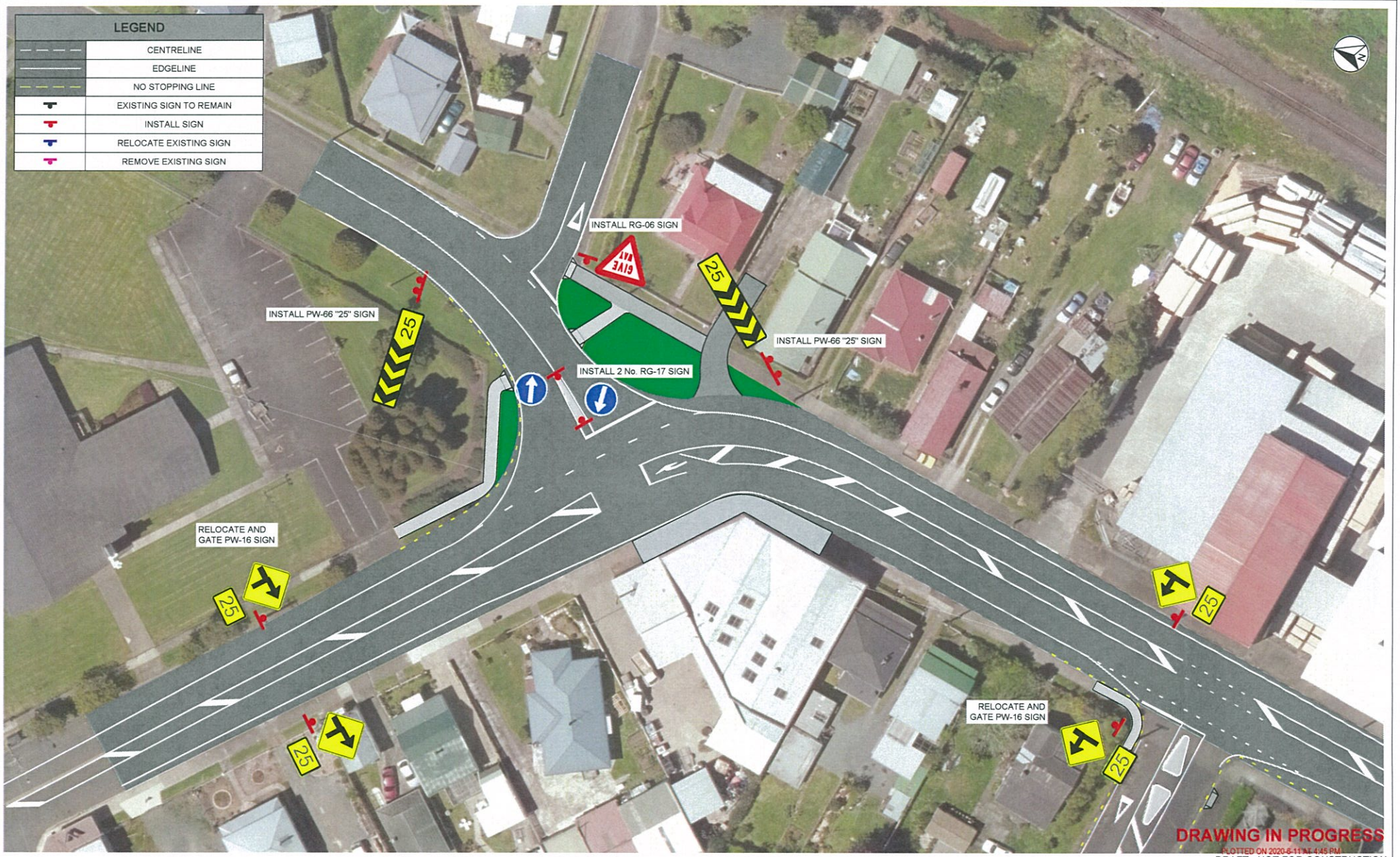
| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | - | - |
| Drawn | Scales | Project No. | Sheet No. | Revision |
| M. GAISOA | 1:250 AT A1 | 1-13835.00 | C08 | B |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: GEORGE STREET / KING STREET INTERSECTION
LOW COST TREATMENT

1:250 @ A1
1:500 @ A3
0 4 8 12 16 20 24 m

Original Sheet Size A1 [841x594] Plot Date 2020-06-11 at 4:45:37 PM Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\(C)Civil+AutoCAD\1-13835.00_C07-C08 - Median RH.dwg C08




DRAFT - NOT FOR CONSTRUCTION

NOTES:

1. REFER TO SHEET C01 FOR NOTES.

1:250 @ A1
1:500 @ A3
0 4 8 12 16 20 24 m

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 19-09-2019 |
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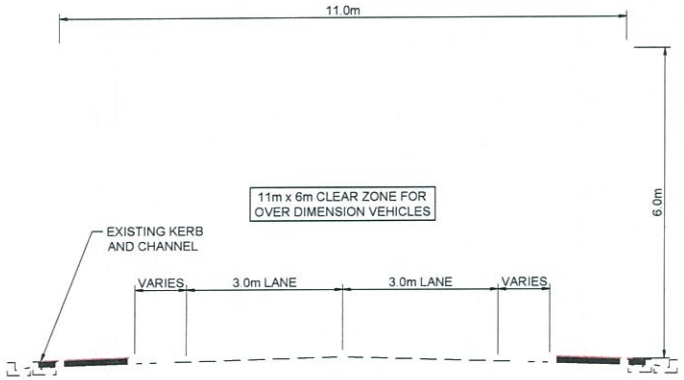
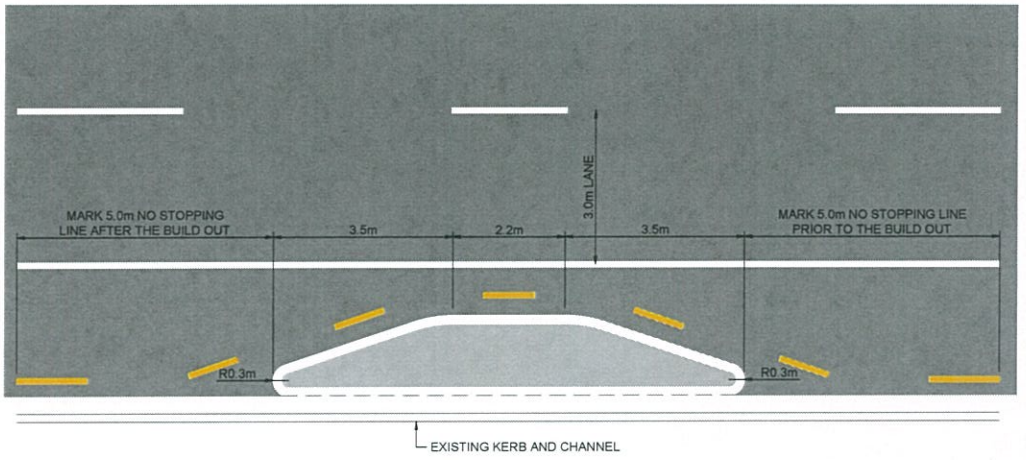
|---|---|---|
| Y. SANDHU | - | - |
| Drawn | Scales | Project No. | Sheet No. | Revision |
| M. GAISOA | 1:250 AT A1 | 1-13835.00 | C09 | B |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

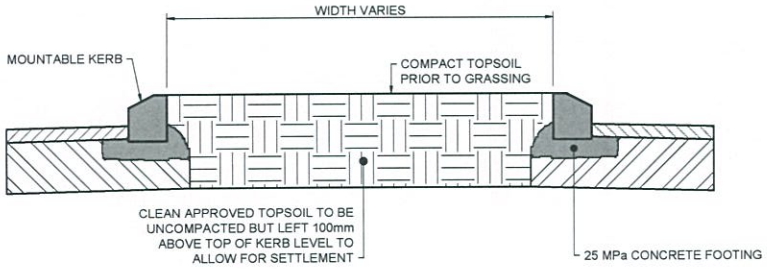
Sheet: GEORGE STREET / KING STREET INTERSECTION
HIGH COST TREATMENT



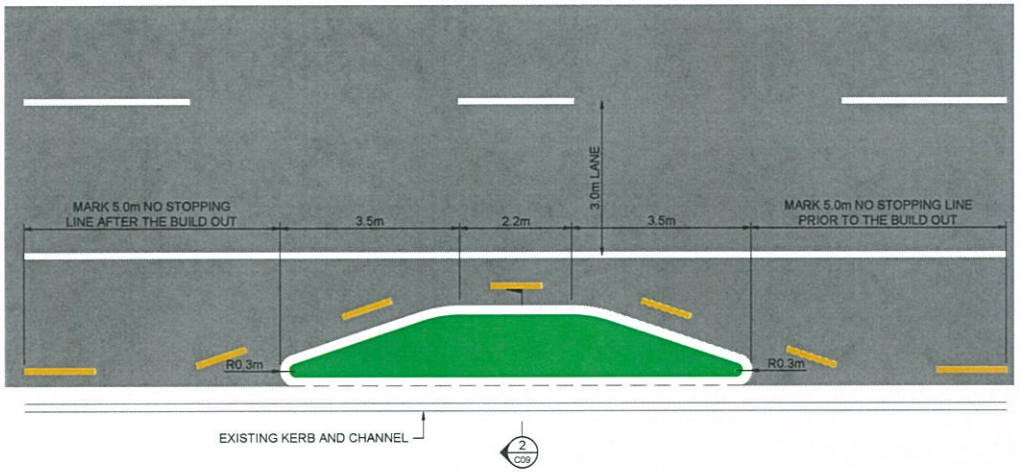

SECTION - BUILD OUT (1 / C01)
SCALE 1:50




PLAN - BUILD OUT (1 / C01)
SCALE 1:50




SECTION - PLANTED BUILD OUT (2 / C09)
SCALE 1:10




PLAN - PLANTED BUILD OUT (1 / C01)
SCALE 1:50

**DRAWING IN PROGRESS**

PLOTTED ON 2020-6-11 AT 4:46 PM

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## NOTES:

1. REFER TO SHEET C01 FOR NOTES.

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 19-09-2019 |
| B | ISSUED FOR INFORMATION | - | 21-10-2019 |
| C | ISSUED FOR INFORMATION | D. C | 25-11-2019 |

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| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | Project No. |
| M. GAISOA | 1:10; 1:50 AT A1 | 1-13835.00 |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: BUILD OUT DETAILS

Sheet No.: C10

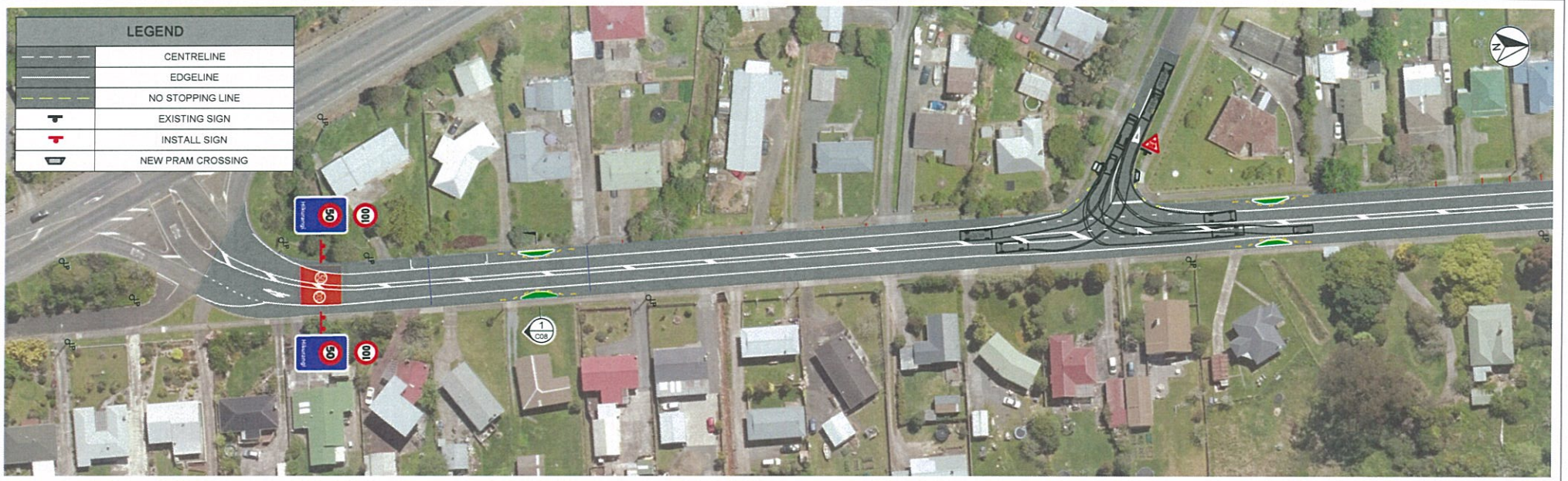
Revision: C

1:10 @ A1
1:20 @ A3
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 m

1:50 @ A1
1:100 @ A3
0 1 2 3 4 5 m


Original Sheet Size A1 [841x594] Plot Date 2020-06-11 at 4:46:01 PM Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\[C]Civil+AutoCAD\1-13835.00_C00-06, C09-C12 - Median RH.dwg C10

| LEGEND | |
|---|---|
| | CENTRELINE |
| | EDGELINE |
| | NO STOPPING LINE |
| | EXISTING SIGN |
| | INSTALL SIGN |
| | NEW PRAM CROSSING |



**DRAWING IN PROGRESS**

PLOTTED ON 2020-6-11 AT 4:46 PM

DRAFT - NOT FOR CONSTRUCTION

NOTES:

1. REFER TO SHEET C01 FOR NOTES.

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 25-11-2019 |
| B | ISSUED FOR INFORMATION | - | 19-03-2019 |

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| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | |
| M. GAISOA | 1:500 AT A1 | |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: PLANS
GEORGE STREET DISP. 0 - 720 VEHICLE TRACKING

| Project No. | Sheet No. | Revision |
|---|---|---|
| 1-13835.00 | C11 | B |

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m


Original Sheet Size A1 [841x594] Plot Date 2020-06-11 at 4:46:16 PM Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\(C)Civil+Auto\CAD\1-13835.00_C00-06, C09-C12 - Median RH.dwg C11

DRAWING IN PROGRESS

PLOTTED ON 2020-5-11 AT 4:45 PM

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NOTES:

1. REFER TO SHEET C01 FOR NOTES.
2. REFER TO SHEET C07 & C08 FOR LONG TERM.

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 25-11-2019 |
| B | ISSUED FOR INFORMATION | - | 19-03-2019 |

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m

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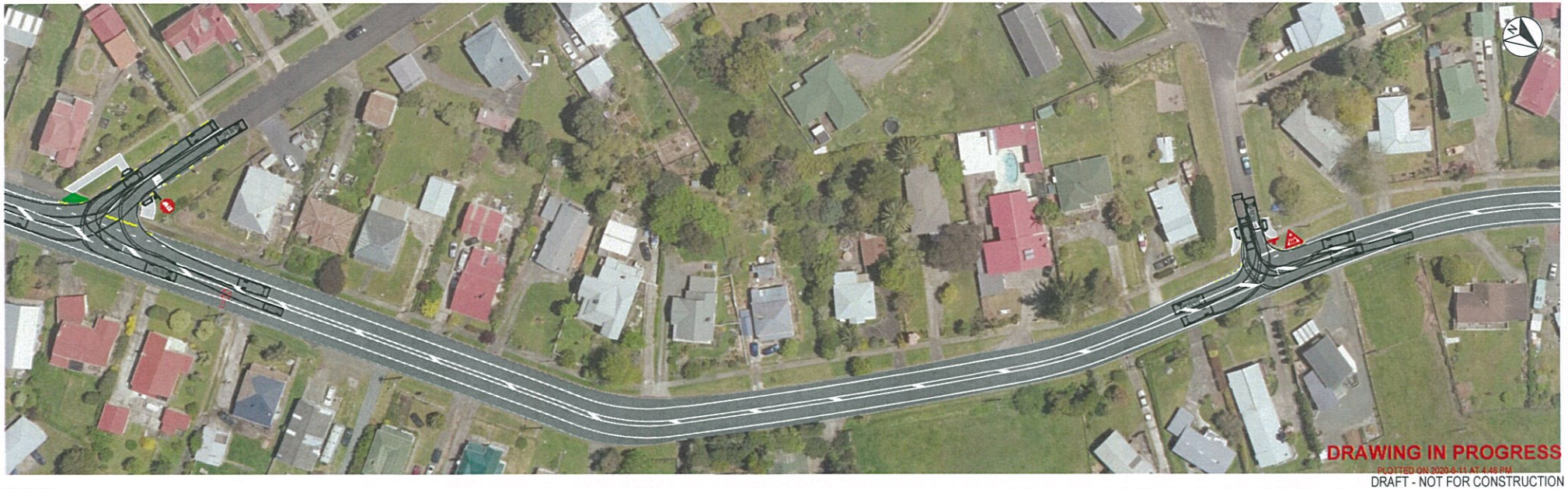
| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | Project No. | Sheet No. | Revision |
| M. GAISOA | 1:500 AT A1 | 1-13835.00 | C12 | B |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: PLANS
GEORGE DISP. 720 - KING STREET DISP. 180 VEHICLE TRACKING


Original Sheet Size A1 [841x594] Plot Date 2020-05-11 at 4:46:31 PM Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\[C]Civil+AutoCAD\1-13835.00_C00-06, C09-C12 - Median RH.dwg C12

| LEGEND | |
|---|---|
| | CENTRELINE |
| | EDGELINE |
| | NO STOPPING LINE |
| | EXISTING SIGN |
| | INSTALL SIGN |
| | NEW PRAM CROSSING |

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NOTES:

1. REFER TO SHEET C01 FOR NOTES.

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 25-11-2019 |
| B | ISSUED FOR INFORMATION | - | 19-03-2019 |

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| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | Project No. |
| M. GAISOA | 1:500 AT A1 | 1-13835.00 |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: PLANS
KING STREET DISP. 180 - 940 VEHICLE TRACKING

Sheet No.: C13
Revision: B

1:500 @ A1
1:1000 @ A3
0 5 10 15 20 25 30 35 40 45 50 m


Original Sheet Size A1 [841x594] Plot Date 2020-06-11 at 4:46:49 PM Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\(C)Civil+AutoCAD\1-13835.00_C00-06, C09-C12 - Median RH.dwg C13

## NOTES:

1. REFER TO SHEET C01 FOR NOTES.

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 19-09-2019 |
| B | ISSUED FOR INFORMATION | - | 21-10-2019 |
| C | ISSUED FOR INFORMATION | D.C | 25-11-2019 |

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| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | |
| M. GAISOA | 1:1000 AT A1 | |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: EXISTING SIGNAGE PLAN

| Project No. | Sheet No. | Revision |
|---|---|---|
| 1-13835.00 | C14 | C |

1:1000 @ A1
1:2000 @ A3
0 10 20 30 40 50 60 70 80 90 100 m

Original Sheet Size A1 [841x594] Plot Date 2020-06-11 at 4:47:29 PM Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\(C)Civil+AutoCAD\1-13835.00_C13-C14 RH.dwg C14

## NOTES:

1. ALL SIGNS TO BE INSTALLED IN ACCORDANCE WITH MOTSAM PART 1: TRAFFIC SIGNS.
2. ALL SIGNS TO BE ORIENTATED 5° OFF THE NORMAL APPROACHING LANE.
3. CENTRE OF PW-66 SIGNS TO BE INSTALLED IN LINE WITH THE APPROACHING LANE.
4. WHERE SIGN IS TO BE INSTALLED ADJACENT TO GUARDRAIL, IT IS TO BE INSTALLED BEHIND THE GUARDRAIL.

1:1000 @ A1
1:2000 @ A3
0 10 20 30 40 50 60 70 80 90 100 m

| Revision | Amendment | Approved | Revision Date |
|---|---|---|---|
| A | ISSUED FOR INFORMATION | - | 19-09-2019 |
| B | ISSUED FOR INFORMATION | - | 21-10-2019 |
| C | ISSUED FOR INFORMATION | D. C | 25-11-2019 |

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| Designed | Approved | Approved Date |
|---|---|---|
| Y. SANDHU | D. CLAASSEN | 25-11-2019 |
| Drawn | Scales | |
| M. GAISOA | 1:1000 AT A1 | |

Project: WHANGAREI DISTRICT COUNCIL
HIKURANGI TOWNSHIP
SAFETY IMPROVEMENTS

Sheet: PROPOSED SIGNAGE PLAN

Project No.: 1-13835.00
Sheet No.: C15
Revision: C


Original Sheet Size A1 [841x594] Plot Date 2020-06-11 at 5:18:01 p.m. Path G:\01 Clients\Whangarei DC\1-13835.00_Hikurangi Township Improvements\200 Technical\210 Drawings\(C)Civil+ AutoCAD\1-13835.00_C13-C14 RH.dwg C15