



DRAWN

Adam Doar

NCC JOB # **CONTRACT #**

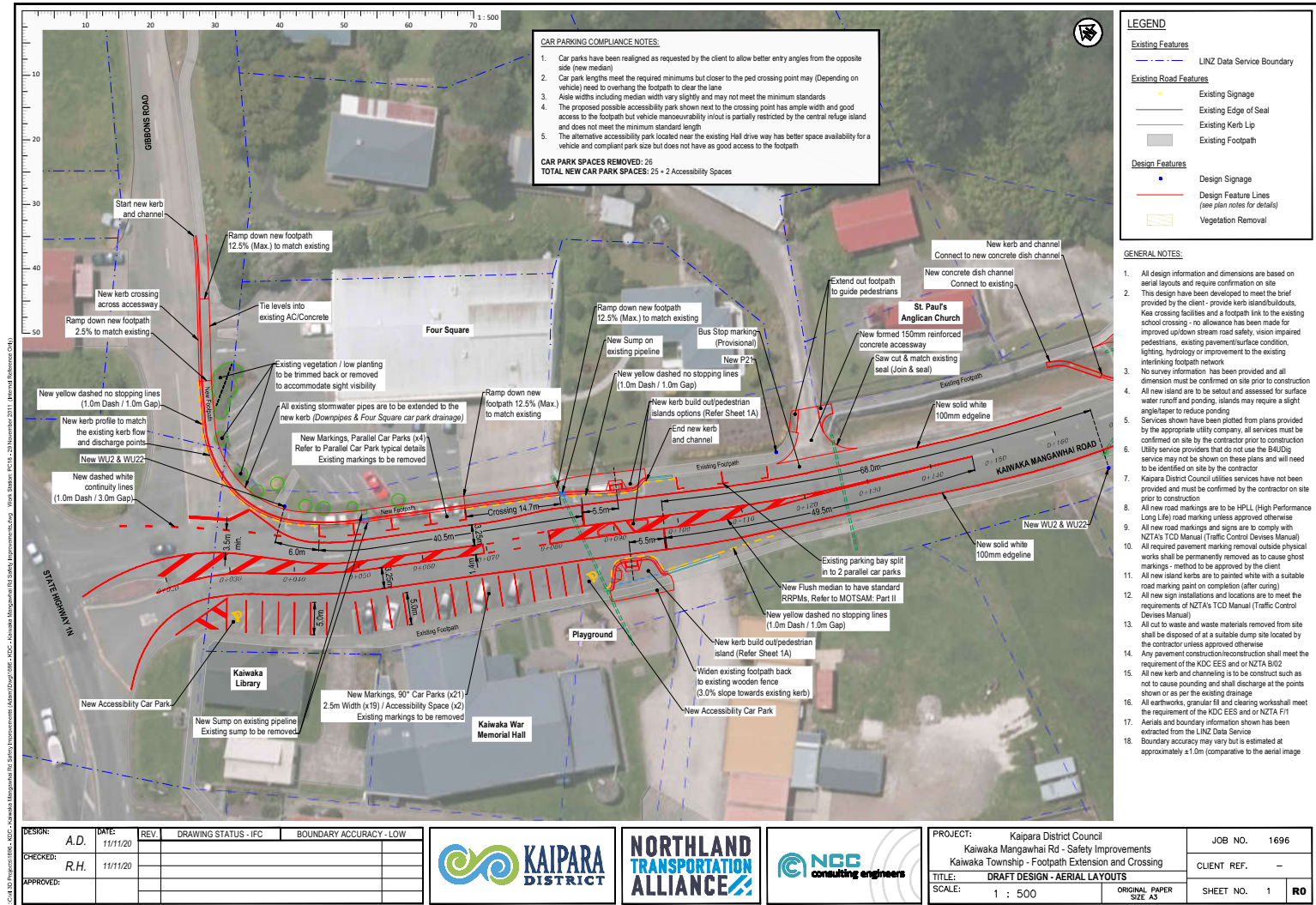
1562 -

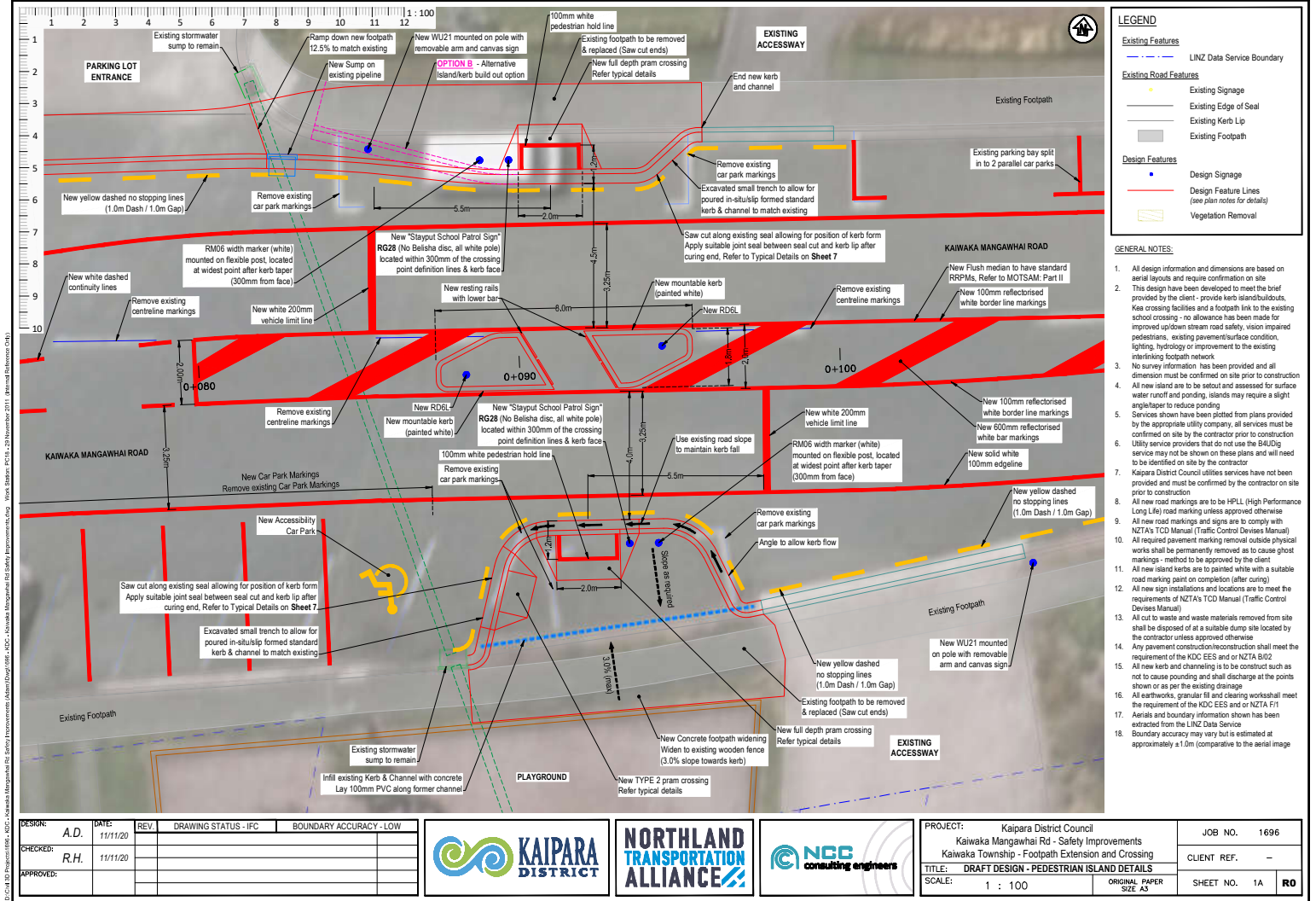
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DRAWINGS ISSUED

DATE	STATUS
NOVEMBER 2020	IFC





LEGEND

Existing Features

- LINZ Data Service Boundary
- Existing Road Features
- Existing Edge of Seal
- Existing Kerb Lip
- Existing Footpath

Design Features

- Design Signage
- Design Feature Lines (see plan notes for details)
- Vegetation Removal

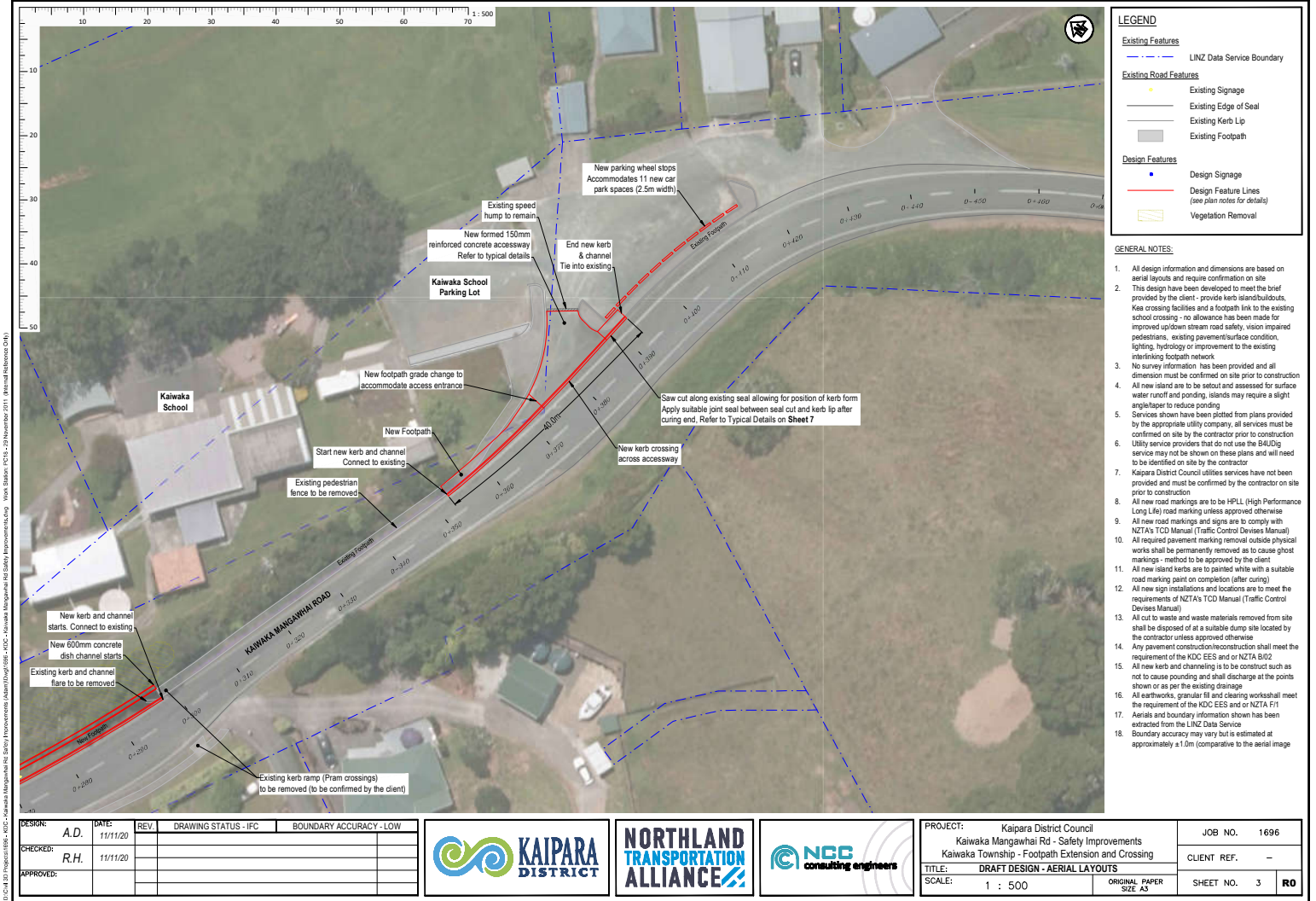
- GENERAL NOTES:**
- All design information and dimensions are based on aerial layouts and require confirmation on site.
 - This design has been developed to meet the brief provided by the client: provide kerb island/built-up, keep crossing facilities and a footpath link to the existing school crossing - no allowance has been made for improved up/down stream road safety. Vision impaired pedestrians, existing pavement/surface condition, lighting, hydrology or improvement to the existing interlinking footpath network.
 - No survey information has been provided and all dimension must be confirmed on site prior to construction.
 - All new island are to be set out and assessed for surface water runoff and ponding. Islands may require a slight angle/taper to reduce ponding.
 - Services shown have been plotted from plans provided by the appropriate utility company, all services must be confirmed on site by the contractor prior to construction.
 - Utility service providers that do not use the B4UDig service may not be shown on these plans and will need to be identified on site by the contractor.
 - Kaipara District Council utilities services have not been provided and must be confirmed by the contractor on site prior to construction.
 - All new road markings are to be HPLI (High Performance Long Life) road marking unless approved otherwise.
 - All new road markings and signs are to comply with NZTA's TCD Manual (Traffic Control Devices Manual).
 - All required pavement marking removal outside physical works shall be permanently removed as to cause ghost markings - method to be approved by the client.
 - All new island kerbs are to be painted white with a suitable road marking paint on completion (after curing).
 - All new sign installations and locations are to meet the requirements of NZTA's TCD Manual (Traffic Control Devices Manual).
 - All cut to waste and waste materials removed from site shall be disposed of at a suitable dump site located by the contractor unless approved otherwise.
 - Any pavement construction/reconstruction shall meet the requirement of the KDC EES and or NZTA S102.
 - All new kerb and channeling is to be constructed as not to cause ponding and shall discharge at the points shown or as per the existing drainage.
 - All earthworks, granular fill and clearing works shall meet the requirement of the KDC EES and or NZTA F11.
 - Aerials and boundary information shown has been extracted from the LINZ Data Service.
 - Boundary accuracy may vary but is estimated at approximately $\pm 1.0m$ (comparative to the aerial image).

DESIGN:	A.D.	DATE:	11/11/20	REV.	DRAWING STATUS - IFC	BOUNDARY ACCURACY - LOW
CHECKED:	R.H.	11/11/20				
APPROVED:						



PROJECT:	Kaipara District Council Kaiwaka Township - Footpath Extension and Crossing	JOB NO.	1696
TITLE:	DRAFT DESIGN - PEDESTRIAN ISLAND DETAILS	CLIENT REF.	-
SCALE:	1 : 100	SHEET NO.	1A
	ORIGINAL PAPER SIZE A3		RO



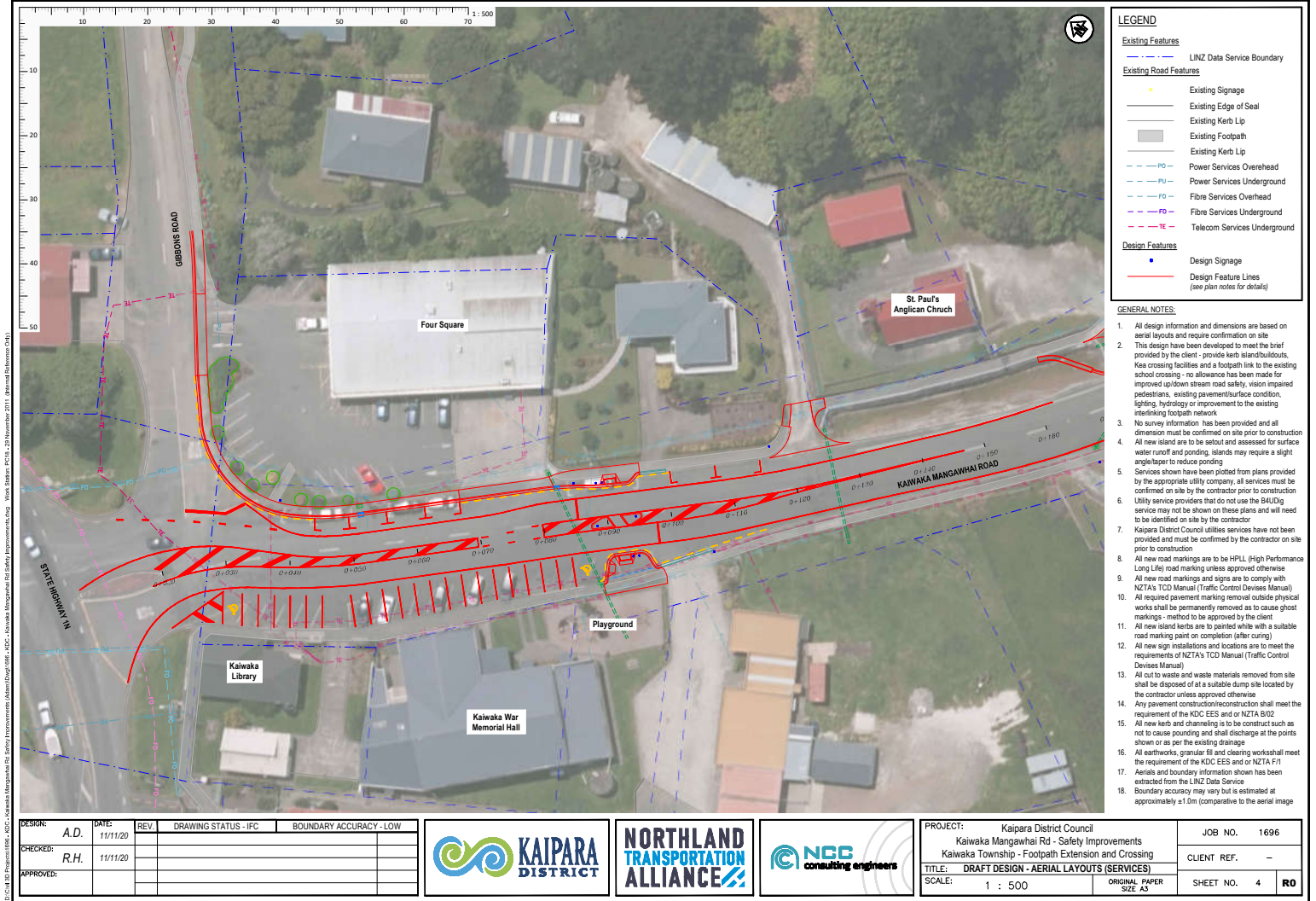


D:\CADD\3D\Projects\1698 - KDC - Kaiwaka Mangawhai Rd Safety Improvements\Kaiwaka Mangawhai Rd Safety Improvements.dwg Plot Date: 23 November 2011 (Manual Release OK)

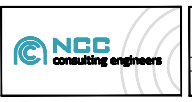
DESIGN:	A.D.	DATE:	REV.	DRAWING STATUS - IFC	BOUNDARY ACCURACY - LOW
CHECKED:	R.H.	11/11/20			
APPROVED:					



PROJECT:	Kaipara District Council Kaiwaka Mangawhai Rd - Safety Improvements Kaiwaka Township - Footpath Extension and Crossing	JOB NO.	1696
TITLE:	DRAFT DESIGN - AERIAL LAYOUTS	CLIENT REF.	-
SCALE:	1 : 500	SHEET NO.	3
	ORIGINAL PAPER SIZE A3		R0



DESIGN:	A.D.	DATE:	11/11/20	REV.	DRAWING STATUS - IFC	BOUNDARY ACCURACY - LOW
CHECKED:	R.H.	11/11/20				
APPROVED:						



PROJECT:	Kaipara District Council Kaiwaka Mangawhai Rd - Safety Improvements Kaiwaka Township - Footpath Extension and Crossing	JOB NO.	1696
TITLE:	DRAFT DESIGN - AERIAL LAYOUTS (SERVICES)	CLIENT REF.	-
SCALE:	1 : 500	SHEET NO.	4
	ORIGINAL PAPER SIZE A3		RO

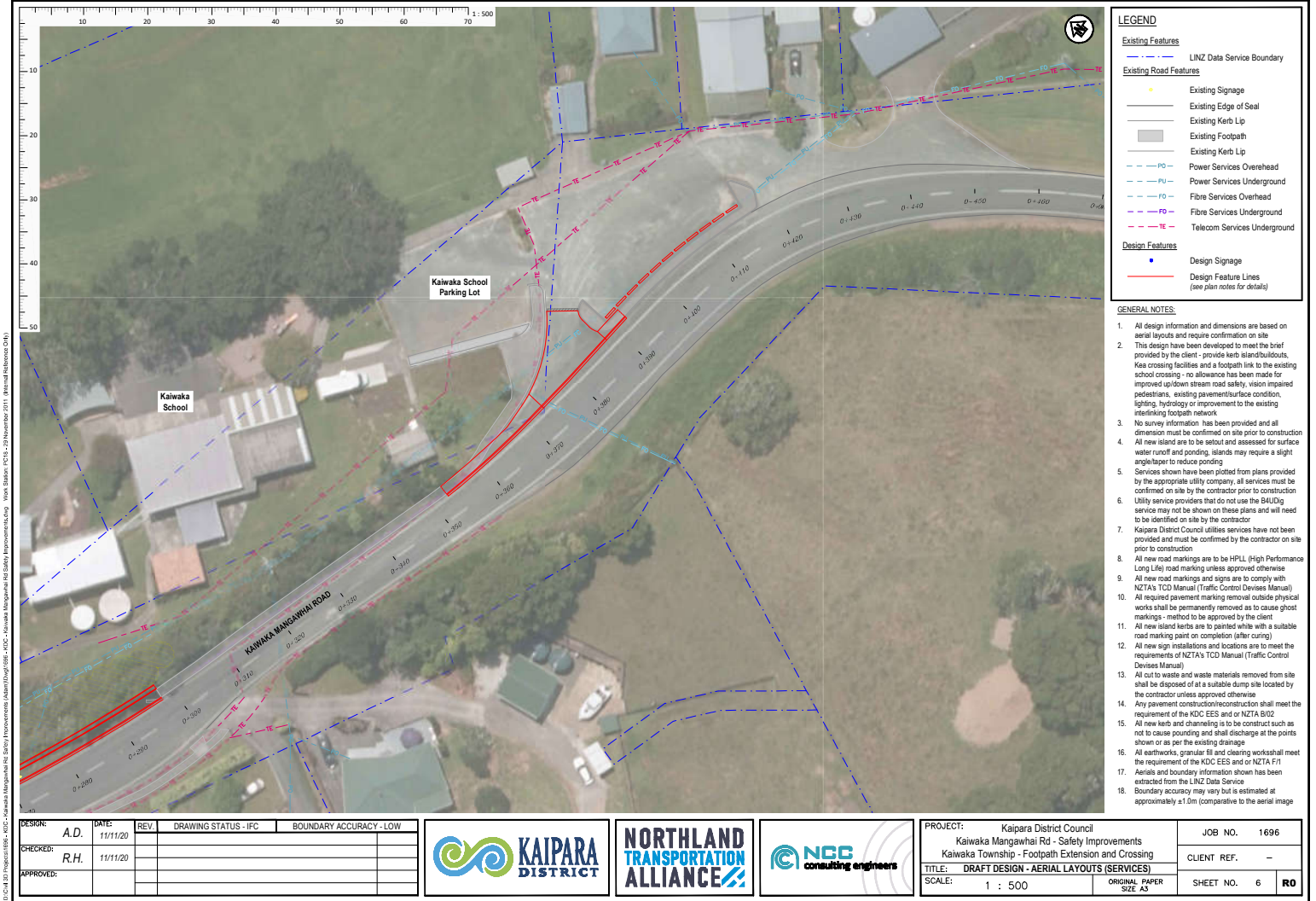


D:\City of Kaipara\Projects\Kaiwaka Mangawhai Rd Safety Improvements\Aerial Data\Aerial Data - 29 November 2011 - Aerial Release Data

DESIGN:	A.D.	DATE:	11/11/20	REV.	DRAWING STATUS - IFC	BOUNDARY ACCURACY - LOW
CHECKED:	R.H.	11/11/20				
APPROVED:						



PROJECT:	Kaipara District Council	JOB NO.	1696
	Kaiwaka Mangawhai Rd - Safety Improvements	CLIENT REF.	-
	Kaiwaka Township - Footpath Extension and Crossing		
TITLE:	DRAFT DESIGN - AERIAL LAYOUTS (SERVICES)		
SCALE:	1 : 500	ORIGINAL PAPER SIZE A3	SHEET NO. 5 R0



LEGEND

Existing Features

Existing Road Features

Design Features

--- LINZ Data Service Boundary

Existing Signage

Existing Edge of Seal

Existing Kerb Lip

Existing Footpath

Existing Kerb Lip

PO Power Services Overhead

PJ Power Services Underground

FO Fibre Services Overhead

FO Fibre Services Underground

TE Telecom Services Underground

Design Signage

Design Feature Lines (see plan notes for details)

- GENERAL NOTES**
1. All design information and dimensions are based on aerial layouts and require confirmation on site

2. This design has been developed to meet the brief provided by the client - provide kerb islands/buildouts, keep crossing facilities and a footpath link to the existing school crossing - no allowance has been made for improved up/down stream road safety, vision impaired pedestrians, existing pavement/surface condition, lighting, hydrology or improvement to the existing interlinking footpath network

3. No survey information has been provided and all dimension must be confirmed on site prior to construction

4. All new island are to be setout and assessed for surface water runoff and ponding, islands may require a slight angle/lower to reduce ponding

5. Services shown have been plotted from plans provided by the appropriate utility company, all services must be confirmed on site by the contractor prior to construction

6. Utility service providers that do not use the BAUDig service may not be shown on these plans and will need to be identified on site by the contractor

7. Kaipara District Council utilities services have not been provided and must be confirmed by the contractor on site prior to construction

8. All new road markings are to be HPLL (High Performance Long Life) road marking unless approved otherwise

9. All new road markings and signs are to comply with NZTA's TCD Manual (Traffic Control Devices Manual)

10. All required pavement marking removal outside physical works shall be permanently removed as to cause ghost markings - method to be approved by the client

11. All new island kerbs are to be painted white with a suitable road marking paint on completion (after curing)

12. All new sign installations and locations are to meet the requirements of NZTA's TCD Manual (Traffic Control Devices Manual)

13. All out to waste and waste materials removed from site shall be disposed of at a suitable dump site located by the contractor unless approved otherwise

14. Any pavement construction/reconstruction shall meet the requirement of the KDC EES and or NZTA B02

15. All new kerb and channeling is to be construct such as not to cause ponding and shall discharge at the points shown or as per the existing drainage

16. All earthworks, granular fill and clearing works shall meet the requirement of the KDC EES and or NZTA F11

17. Aerials and boundary information shown has been extracted from the LINZ Data Service

18. Boundary accuracy may vary but is estimated at approximately $\pm 1.0m$ (comparative to the aerial image)

DESIGN:	A.D.	DATE:	11/11/20	REV.		DRAWING STATUS - IFC		BOUNDARY ACCURACY - LOW	
CHECKED:	R.H.	11/11/20							
APPROVED:									



PROJECT:	Kaipara District Council	JOB NO.	1696
	Kaiwaka Mangawhai Rd - Safety Improvements	CLIENT REF.	-
	Kaiwaka Township - Footpath Extension and Crossing		
TITLE:	DRAFT DESIGN - AERIAL LAYOUTS (SERVICES)	SHEET NO.	6
SCALE:	1 : 500	ORIGINAL PAPER SIZE A3	R0