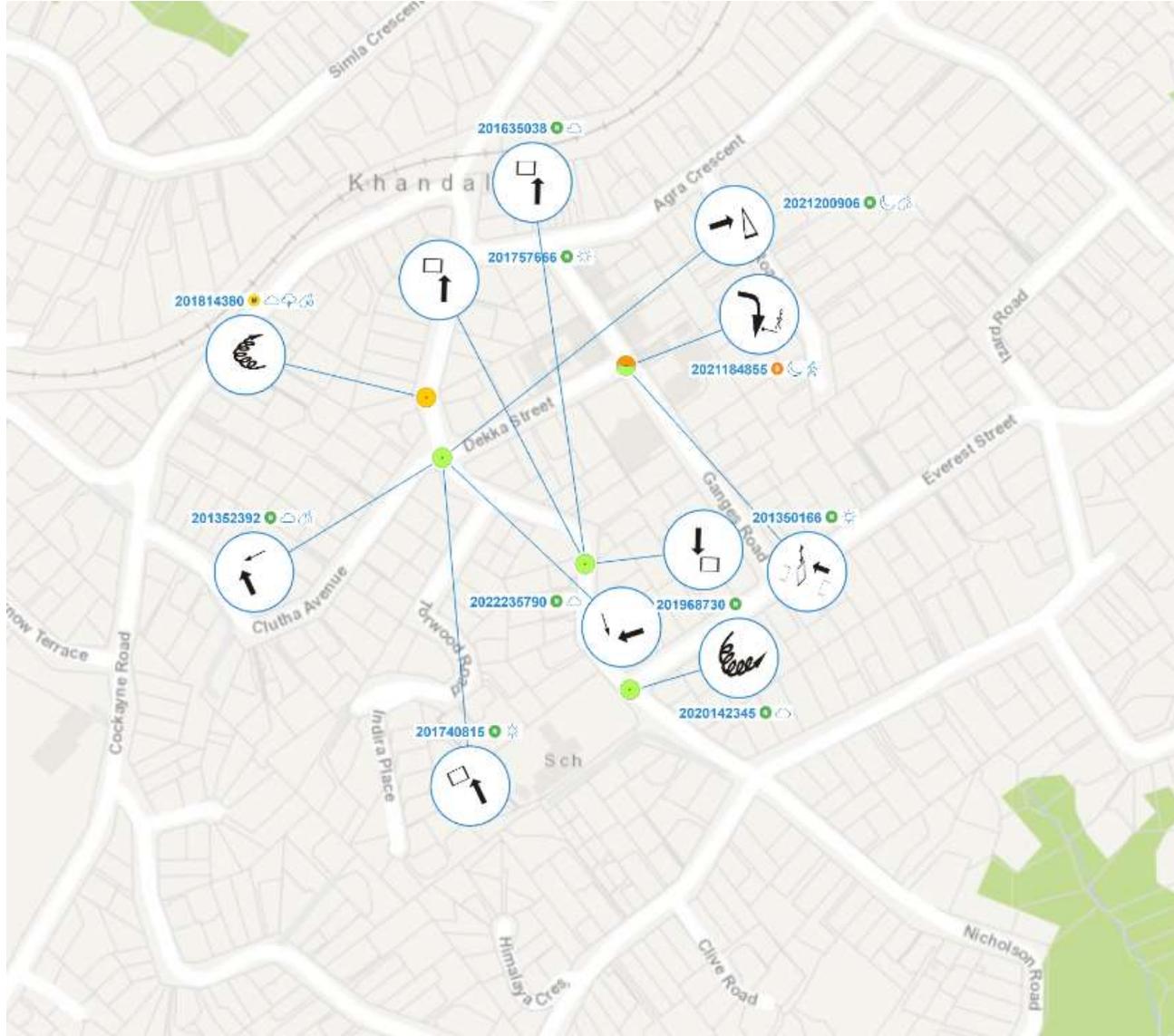


Proposed New World Car park Expansion Khandallah - SR517439

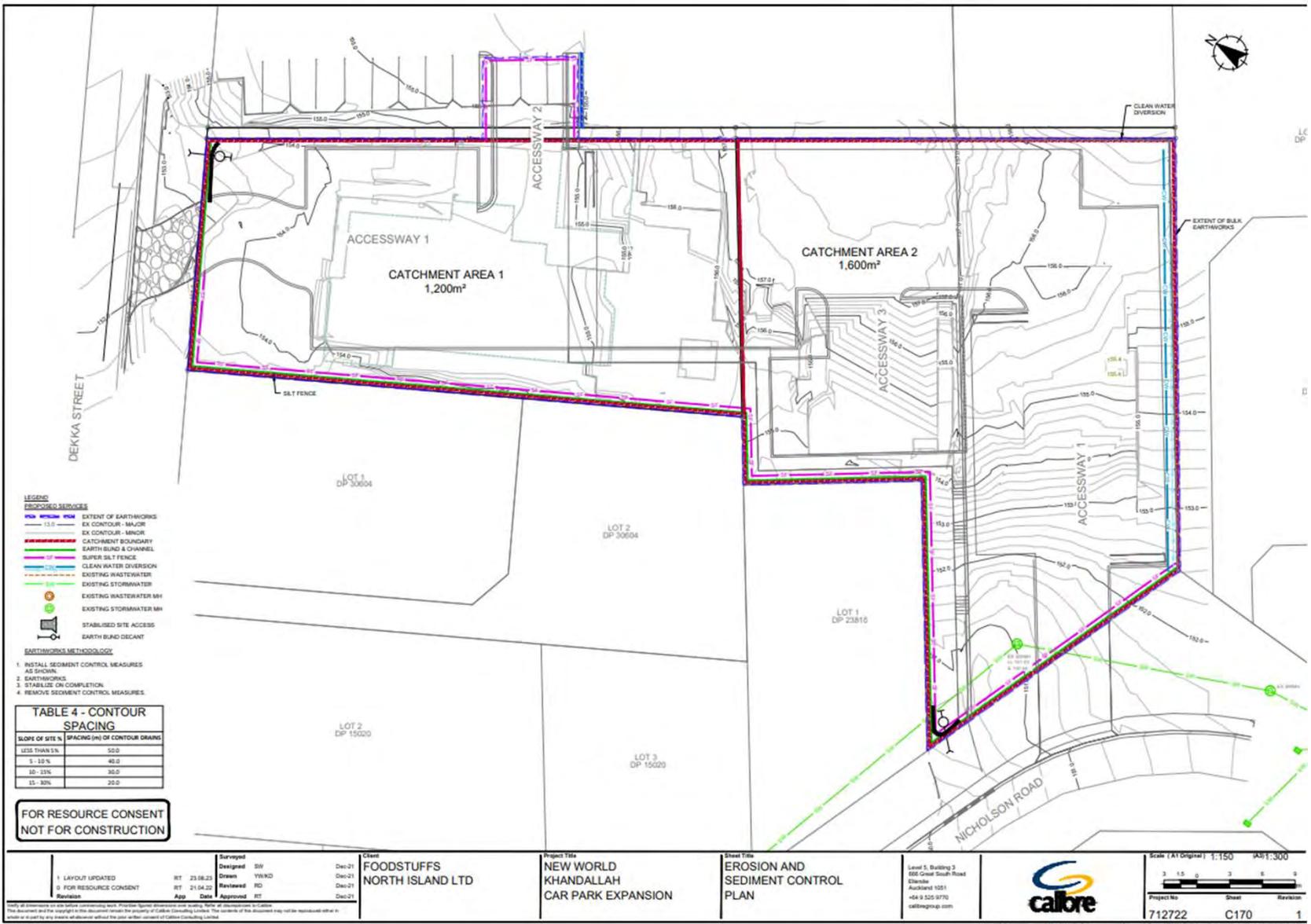
Haran Arampamoorthy, PhD, ME, BE(Civil), CPEng, CMEngNZ, IntPE

Team Leader Transport Consents, Wellington city council

Date: 02/05/2024



Crash data from the last ten years. (NZTA crash data base)



- LEGEND**
- PROPOSED SERVICES**
- EX EXTENT OF EARTHWORKS
 - EX CONTOUR - MAJOR
 - EX CONTOUR - MINOR
 - CATCHMENT BOUNDARY
 - EARTH BLIND & CHANNEL
 - SUPER SILT FENCE
 - CLEAN WATER DIVERSION
 - EXISTING WASTEWATER
 - EXISTING STORMWATER
 - EXISTING WASTEWATER MH
 - EXISTING STORMWATER MH
 - STABILISED SITE ACCESS
 - EARTH BLIND DECANT

- EARTHWORKS METHODOLOGY**
1. INSTALL SEDIMENT CONTROL MEASURES AS SHOWN.
 2. EARTHWORKS.
 3. STABILISE ON COMPLETION.
 4. REMOVE SEDIMENT CONTROL MEASURES.

TABLE 4 - CONTOUR SPACING

SLOPE OF SITE %	SPACING (m) OF CONTOUR DRAINING
LESS THAN 5%	50.0
5 - 10%	40.0
10 - 15%	30.0
15 - 30%	20.0

FOR RESOURCE CONSENT
NOT FOR CONSTRUCTION

1 LAYOUT UPDATED	RT	23.08.23	Designed	SW	Dec-21
2 FOR RESOURCE CONSENT	RT	21.04.22	Drawn	YWKD	Dec-21
Revision	App	Date	Approved	RT	Dec-21

Client
**FOODSTUFFS
NORTH ISLAND LTD**

Project Title
**NEW WORLD
KHANDALLAH
CAR PARK EXPANSION**

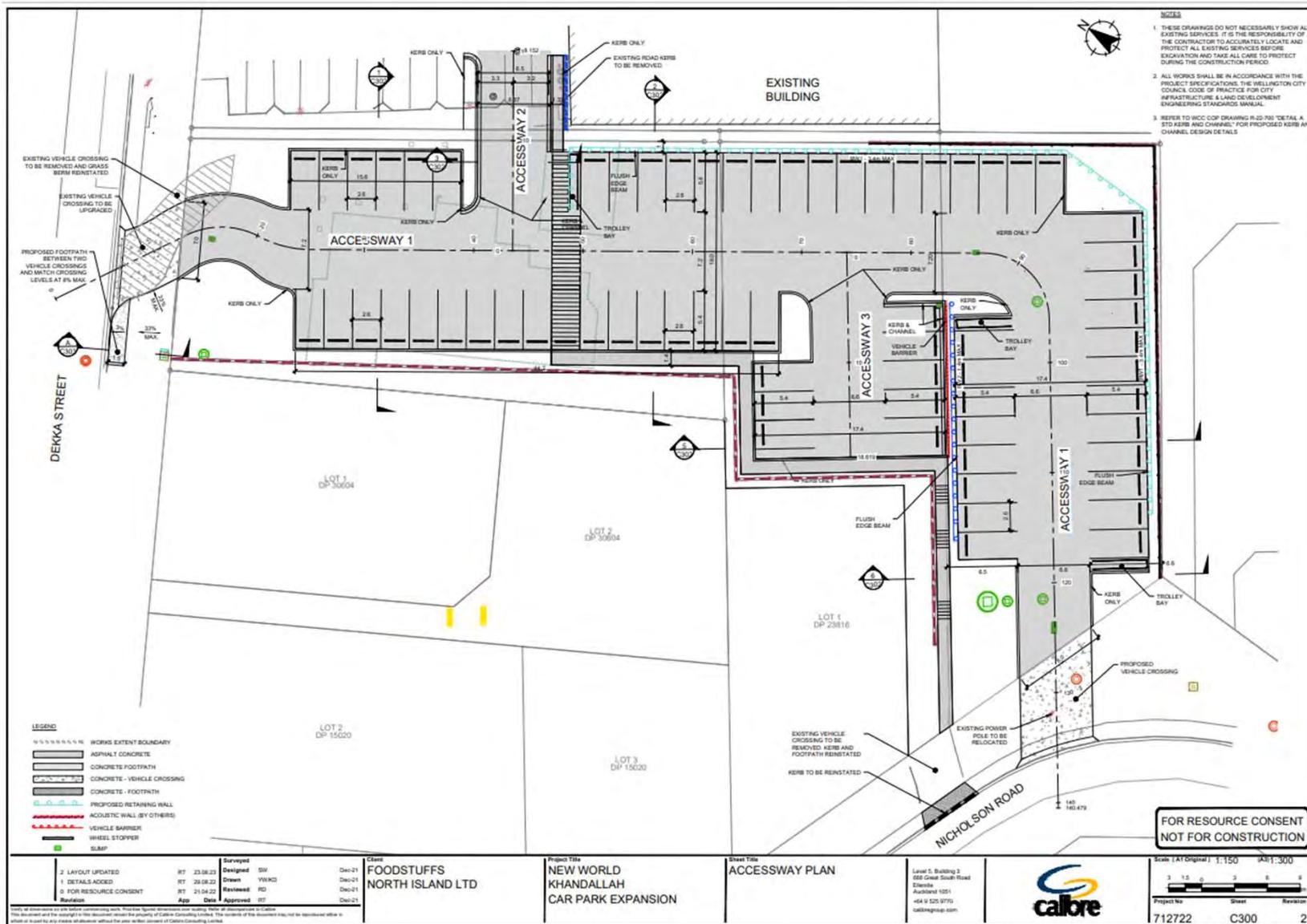
Sheet Title
**EROSION AND
SEDIMENT CONTROL
PLAN**

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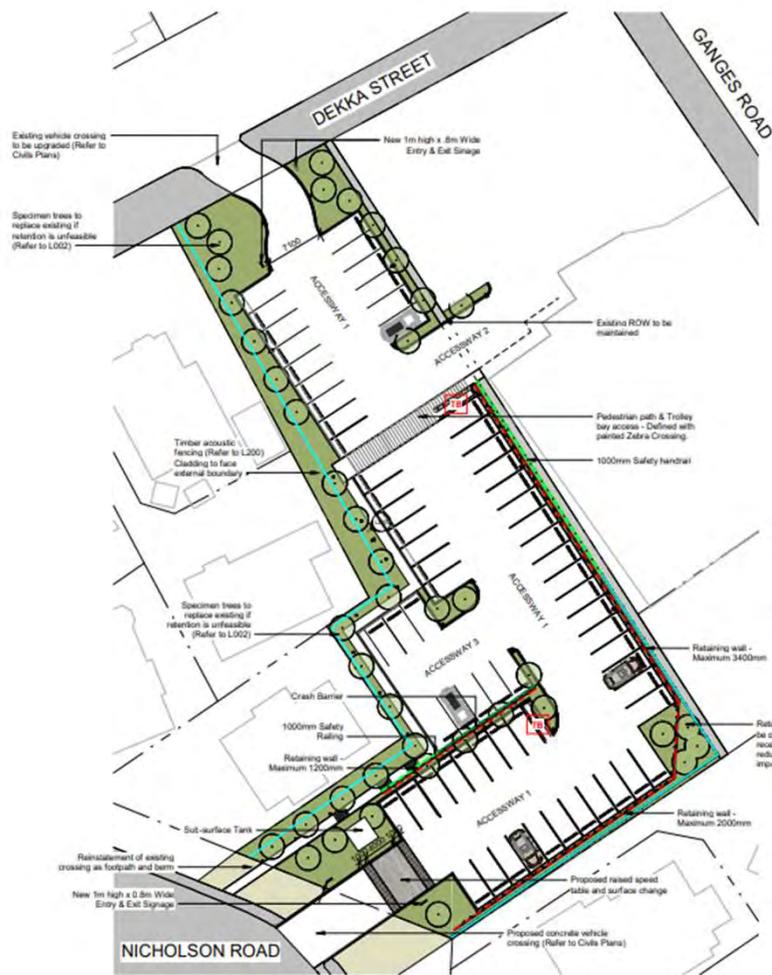


Scale (A1 Original) 1:150 (A3) 1:300

Project No 712722 Sheet C170 Revision 1



Extracted drawing for reference



PROPOSED LANDSCAPE PLAN
SCALE @ A3 - 1 : 500 | SCALE @ A1 - DOUBLE SCALE

- Existing R.O.W
- Proposed Planting Area
- Specimen Trees
- Retaining Wall
- Acoustic Wall
- Safety Railing
- Crash Barrier
- Trolley Bay

L100 REV 6

PROPOSED LANDSCAPE PLAN

FOODSTUFFS NORTH ISLAND
F537 NEW WORLD KHANDALLAH
26 GANGES ROAD

RESOURCE CONSENT

Directors shall verify all dimensions on site before commencing work. Do not scale from the drawings. Finalist A/R. Copyright of this drawing is vested in Designplus (NZ) Ltd.

PROJECT No: **F537**
PLOT DATE: **11/04/2024 2:34:40 PM**

NO.	DESCRIPTION	DATE
6	Revised Landscape RC Plans	11/04/2024
5	Removed Carparks - updated planting plans.	15/3/2024
4	Acoustic Fencing re-included	4/12/23
3	Full Set Issued For RC Notification	11/10/23

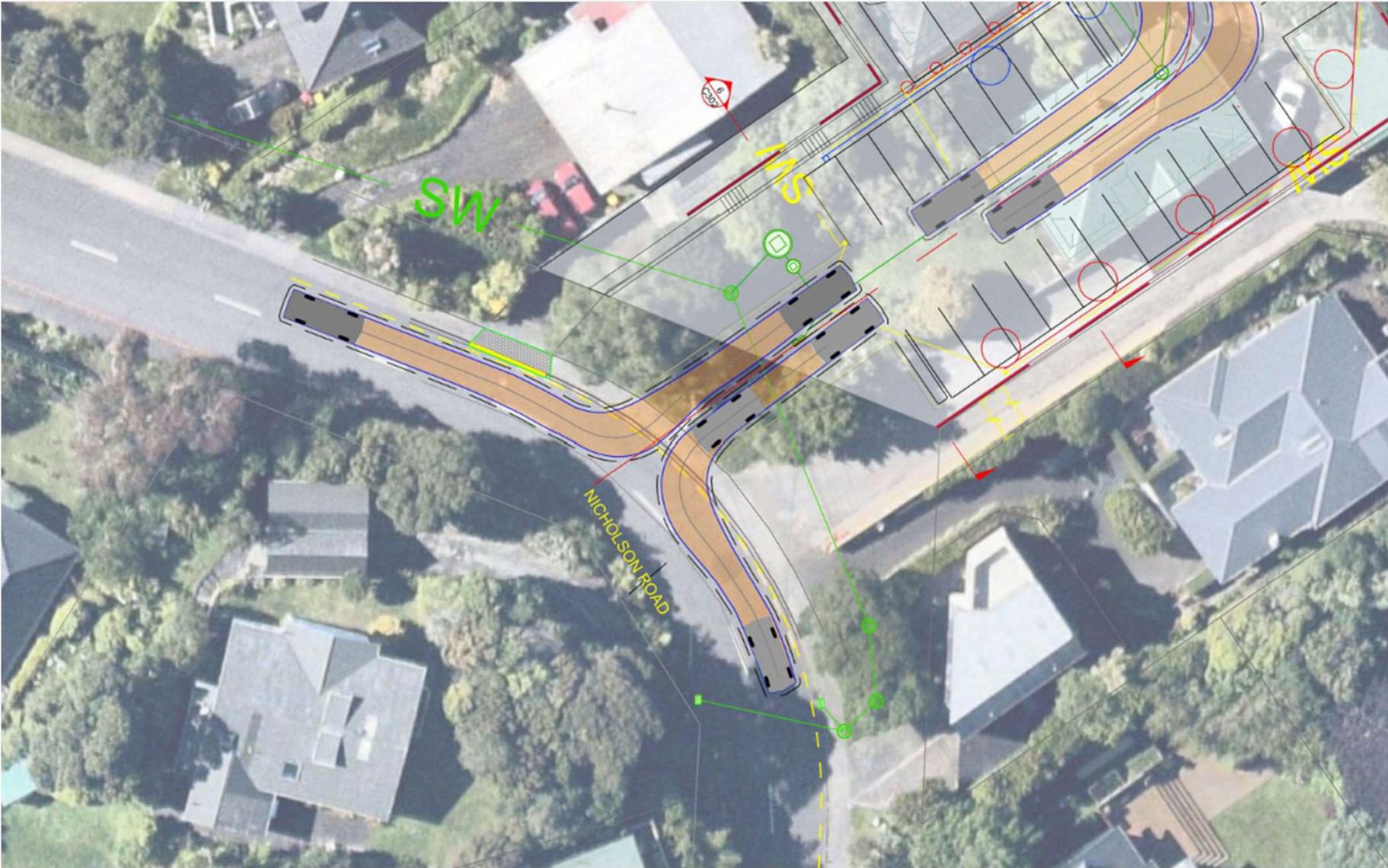
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Extracted drawing for reference

Example: raised pedestrian crossing



176 Mark Avenue, Grenada Village, Wellington



Extracted drawing for reference

Channelisation

- A group of intervention usually used at intersections
- Examples: median islands, splitter islands and anticipated turning lanes
- Help to raise the alertness of drivers select their travel path, reduce their speed
- Indented turning lanes can reduce the risk of conflicts with through traffic

Consideration:

- Selection of design and check vehicles when raised island proposed
- Should not create pinch points for cyclists or scooters
- Must provide clear sight distance
- Clear sign and visibility of the raised island

Example: physical barrier to stop right turn in and out



Assessing demand for parking

- The demand for parking is generally related to the land use served.
- Data collection:
 - Interview surveys
 - Observation survey (cordon counts and patrol surveys)

Independent Safe System Audit

Proposed driveway onto Nicholson Road layout:

- Independent Safe System Audit must be carried out at detail design and again at pre-opening/post construction.
- The outcome of the audit must address and mitigate the safety risks with the proposed layout.
- Please refer NZTA web site for more detail:

<https://www.nzta.govt.nz/roads-and-rail/highways-information-portal/technical-disciplines/safety-and-geometric-design/safety/safe-system-audits/>