

TRANSITIONAL CYCLEWAYS



NGAIO TRANSITIONAL FOR CONSTRUCTION 29/06/2023

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ORIGINAL SIZE: ISO A1 594mm x 841mm
300
200
150
100
50
0

TRANSITIONAL CYCLEWAY
NGAIO TRANSITIONAL
ISSUE FOR CONSTRUCTION

DRAWING

GENERAL

- SCH-TC-NGAIO-DRG-TR-902000
- SCH-TC-NGAIO-DRG-TR-902010
- SCH-TC-NGAIO-DRG-TR-902011
- SCH-TC-NGAIO-DRG-TR-902012

KAIWHARAWHARA ROAD

- SCH-TC-NGAIO-DRG-TR-902100
- SCH-TC-NGAIO-DRG-TR-902110
- SCH-TC-NGAIO-DRG-TR-902111
- SCH-TC-NGAIO-DRG-TR-902112
- SCH-TC-NGAIO-DRG-TR-902113
- SCH-TC-NGAIO-DRG-TR-902114

CAMERON STREET

- SCH-TC-NGAIO-DRG-TR-902200
- SCH-TC-NGAIO-DRG-TR-902210
- SCH-TC-NGAIO-DRG-TR-902211
- SCH-TC-NGAIO-DRG-TR-902212
- SCH-TC-NGAIO-DRG-TR-902213

NGAIO GORGE ROAD

- SCH-TC-NGAIO-DRG-TR-902300
- SCH-TC-NGAIO-DRG-TR-902310
- SCH-TC-NGAIO-DRG-TR-902311
- SCH-TC-NGAIO-DRG-TR-902312
- SCH-TC-NGAIO-DRG-TR-902313
- SCH-TC-NGAIO-DRG-TR-902314
- SCH-TC-NGAIO-DRG-TR-902315
- SCH-TC-NGAIO-DRG-TR-902316
- SCH-TC-NGAIO-DRG-TR-902317

KENYA STREET

- SCH-TC-NGAIO-DRG-TR-902400
- SCH-TC-NGAIO-DRG-TR-902410
- SCH-TC-NGAIO-DRG-TR-902411
- SCH-TC-NGAIO-DRG-TR-902412

CROFTON ROAD

- SCH-TC-NGAIO-DRG-TR-902500
- SCH-TC-NGAIO-DRG-TR-902510
- SCH-TC-NGAIO-DRG-TR-902511
- SCH-TC-NGAIO-DRG-TR-902512
- SCH-TC-NGAIO-DRG-TR-902513

RAISED PLATFORMS

- SCH-TC-NGAIO-DRG-TR-902900
- SCH-TC-NGAIO-DRG-TR-902901
- SCH-TC-NGAIO-DRG-TR-902902

CIVIL DETAILS

- SCH-TC-NGAIO-DRG-TR-902911
- SCH-TC-NGAIO-DRG-TR-902912

SERVICE PLAN

- SCH-TC-NGAIO-DRG-TR-902920
- SCH-TC-NGAIO-DRG-TR-902921

90% DETAILED DESIGN

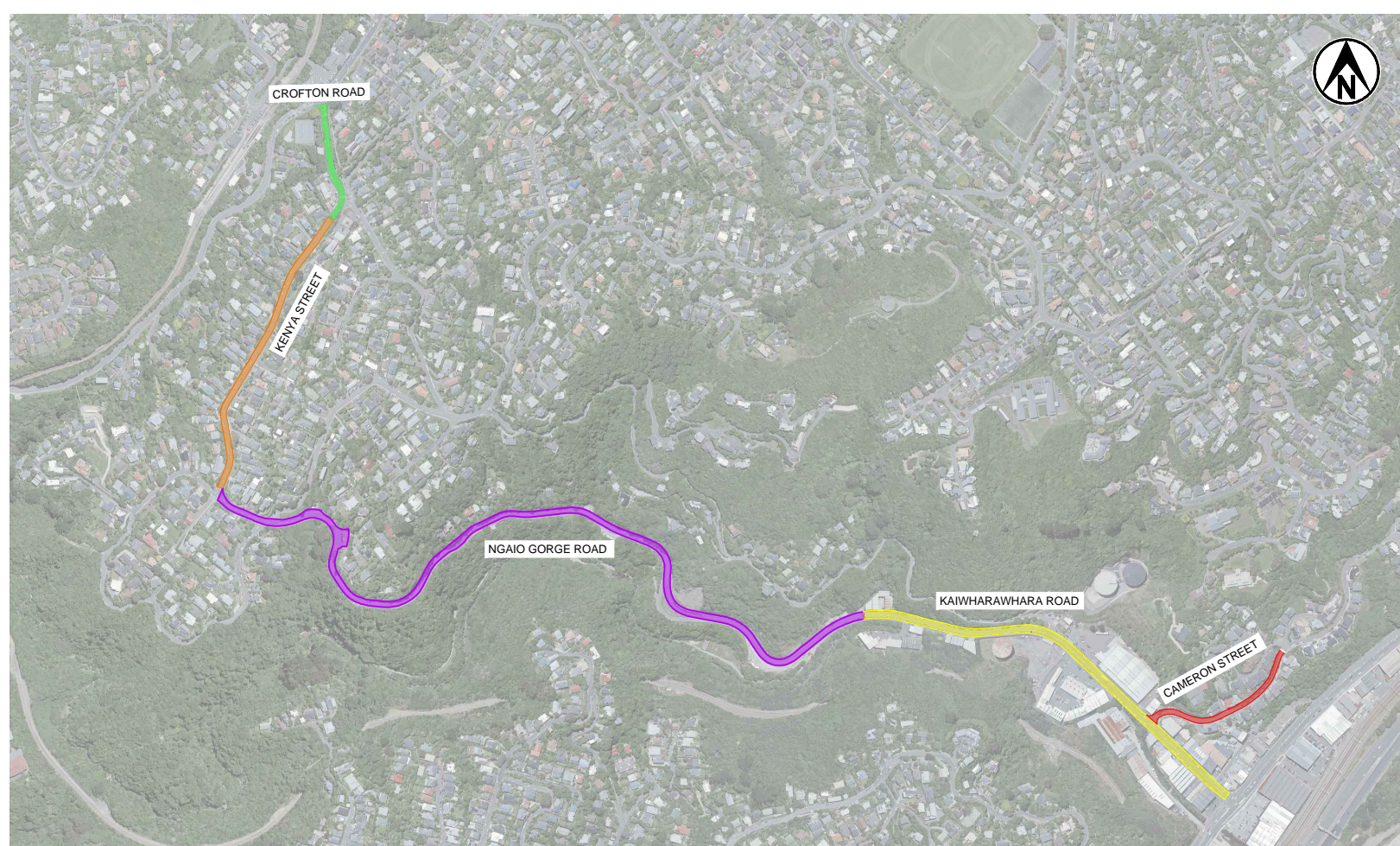
DRAWING

GENERAL

- SCH-TC-NGAIO-DRG-TR-902120
- SCH-TC-NGAIO-DRG-TR-902121
- SCH-TC-NGAIO-DRG-TR-902122
- SCH-TC-NGAIO-DRG-TR-902123
- SCH-TC-NGAIO-DRG-TR-902124

REV TITLE

C08	PROJECT COVERSHEET
C09	DRAWING LIST & KEY PLAN
C07	GENERAL NOTES & LEGEND
C01	ROAD MARKING SPECIFICATION
C06	SECTION COVERSHEET
C07	KAIWHARAWHARA ROAD - GENERAL ARRANGEMENT PLAN - STAGE 1 - SHEET 1
C07	KAIWHARAWHARA ROAD - GENERAL ARRANGEMENT PLAN - STAGE 1 - SHEET 2
C07	KAIWHARAWHARA ROAD - GENERAL ARRANGEMENT PLAN - STAGE 1 - SHEET 3
C07	KAIWHARAWHARA ROAD - GENERAL ARRANGEMENT PLAN - STAGE 1 - SHEET 4
C07	KAIWHARAWHARA ROAD - GENERAL ARRANGEMENT PLAN - STAGE 1 - SHEET 5
C06	CAMERON STREET - SECTION COVERSHEET
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C07	CAMERON STREET - GENERAL ARRANGEMENT PLAN - SHEET 2
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C04	CAMERON STREET - GENERAL ARRANGEMENT PLAN - SHEET 4
C05	NGAIO GORGE ROAD - SECTION COVERSHEET
C05	NGAIO GORGE ROAD - GENERAL ARRANGEMENT PLAN - SHEET 1
C05	NGAIO GORGE ROAD - GENERAL ARRANGEMENT PLAN - SHEET 2
C05	NGAIO GORGE ROAD - GENERAL ARRANGEMENT PLAN - SHEET 3
C05	NGAIO GORGE ROAD - GENERAL ARRANGEMENT PLAN - SHEET 4
C05	NGAIO GORGE ROAD - GENERAL ARRANGEMENT PLAN - SHEET 5
C06	NGAIO GORGE ROAD - GENERAL ARRANGEMENT PLAN - SHEET 6
C05	NGAIO GORGE ROAD - GENERAL ARRANGEMENT PLAN - SHEET 7
C06	NGAIO GORGE ROAD - GENERAL ARRANGEMENT PLAN - SHEET 8
C04	KENYA STREET - SECTION COVERSHEET
C04	KENYA STREET - GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 1
C04	KENYA STREET - GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 2
C04	KENYA STREET - GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 3
C05	CROFTON ROAD - SECTION COVERSHEET
C06	CROFTON ROAD - GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 1
C05	CROFTON ROAD - GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 2
C05	CROFTON ROAD - GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 3
C05	CROFTON ROAD - GENERAL ARRANGEMENT LAYOUT PLAN - SHEET 4
C02	CROFTON ROAD / KENYA STREET - RAISED PEDESTRIAN CROSSING - LAYOUT PLAN
C02	CROFTON ROAD / KENYA STREET - RAISED PEDESTRIAN CROSSING - LAYOUT PLAN
C03	KENYA STREET / NGAIO GORGE ROAD - RAISED PEDESTRIAN CROSSING - LAYOUT PLAN
C01	DETAILED DESIGN INFORMATION - SHEET 1 OF 2
C02	DETAILED DESIGN INFORMATION - SHEET 2 OF 2
C03	SERVICE PLAN - NGAIO GORGE ROAD PEDESTRIAN CROSSING
C02	SERVICE PLAN - CROFTON ROAD PEDESTRIAN CROSSING
C02	KAIWHARAWHARA ROAD - GENERAL ARRANGEMENT PLAN - STAGE 2 - SHEET 1
C02	KAIWHARAWHARA ROAD - GENERAL ARRANGEMENT PLAN - STAGE 2 - SHEET 2
C02	KAIWHARAWHARA ROAD - GENERAL ARRANGEMENT PLAN - STAGE 2 - SHEET 3
C02	KAIWHARAWHARA ROAD - GENERAL ARRANGEMENT PLAN - STAGE 2 - SHEET 4
C02	KAIWHARAWHARA ROAD - GENERAL ARRANGEMENT PLAN - STAGE 2 - SHEET 5



PROJECT KEY PLAN
SCALE 1:5000

CLIENT

ORIGINATOR



REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C04	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	21/10/2022
C05	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	28/10/2022
C06	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C07	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023
C08	ISSUE FOR CONSTRUCTION	C.LI	R.DUNN	03/03/2023
C09	ISSUE FOR CONSTRUCTION	C.LI	B.RODENBURG	29/06/2023

DESIGN STAGE	GATE
DETAILED DESIGN	IFC
DRAWING STATUS	
FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: B.RODENBURG
B.RODENBURG	DES. CHECK: C.CASSIDY
APPROVED DATE:	DRAWN: C.LI
29/06/2023	DRG. CHECK: H.BENDLE

PROJECT:

TITLE:

DOCUMENT:

TRANSITIONAL CYCLEWAYS						
NGAIO TRANSITIONAL						
DRAWING LIST & KEY PLAN						
ORIGINATOR	PROJECT	WORK STREAM	TYPE	DISCIPLINE	SHEET	REVISION
SCH - TC - NGAIO	TR - 902010	DRG	TR	902010	C09	

LAST SAVED BY: VEMA(2023-10-11) LAST PLOTTED: 2023-10-11

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FILE LOCATION:

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GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- AERIAL PHOTO SOURCED FROM LINZ DATA SERVICE <https://data.linz.govt.nz/layer/105744-wellington-city-0075m-urban-aerial-photos-2021> , LICENSED BY LINZ FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0). ACCESSED 13/05/2022.
- CONTOURS SOURCED FROM WELLINGTON CITY COUNCIL <https://data-wcc.opendata.arcgis.com/datasets/WCC::wellington-cc-5m-contours-2017> . ACCESSED 11/05/2022.
- PROPERTY BOUNDARIES SOURCED FROM LINZ DATA SERVICE <https://data.linz.govt.nz/layer/51571-nz-parcels> , LICENSED BY LINZ FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0). ACCESSED 13/05/2022.
- WATER SERVICES SOURCED FROM WELLINGTON WATERS <https://data-wellingtonwater.opendata.arcgis.com/maps/d70eada642bf49e393a3b1990f6c3e8c/about> . ACCESSED 11/05/2022.
- COORDINATE DATUM: NZGD2000, WELLINGTON CIRCUIT COORDINATES. LEVEL DATUM: LINZ (MSL) WELLINGTON VERTICAL DATUM 1953.
- EXISTING KERB LINE SOURCED FROM WELLINGTON CITY COUNCIL <https://data-wcc.opendata.arcgis.com/datasets/WCC::wcc-kerbs> . ACCESSED 11/05/2022.
- ALL NOTES HEREIN SHALL FORM PART OF THE CONTRACT.
- ALL NOTES SHALL BE READ IN CONJUNCTION WITH THE CONTRACT DOCUMENTS AND DESIGN DRAWINGS.
- ALL WORKS SHALL BE CONSTRUCTED AS DETAILED IN THE DESIGN DRAWINGS AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS.
- CONTRACTOR SHALL LIAISE WITH SERVICE AUTHORITIES TO CONFIRM THE LOCATION OF SERVICES PRIOR TO ANY CONSTRUCTION WORK. CONTRACTOR SHALL COMPLETE POTHOLES TO CONFIRM LOCATIONS OF SERVICES PRIOR TO INSTALLING STORMWATER ELEMENTS.
- THE CONTRACTOR MUST CHECK ALL DESIGN DRAWINGS AND IDENTIFY ANY INCONSISTENCIES BETWEEN THE DESIGN DRAWINGS AND AGAINST THE CONTRACTS SPECIFICATIONS, BASIS OF PAYMENTS AND SCHEDULE OF PRICES IN ADVANCE AND PRIOR TO ANY CONSTRUCTION WORKS. THE CONTRACTOR MUST NOTIFY THE ENGINEER IF THERE ARE ANY INCONSISTENCIES OR DISCREPANCIES.
- ALL CROSS REFERENCES TO STANDARD ENGINEERING DETAIL DRAWINGS AND WAKA KOTAHĪ NZTA MANUALS AND SPECIFICATIONS SHALL BE TO THE LATEST REVISION.
- THE DESIGN DRAWINGS SHOW THE GENERAL LAYOUT AND INTENT OF THE DESIGN. SPECIFIC DETAILS SUCH AS PAVEMENT TIE INS, KERB RAMP DIMENSIONS AND SIGN FIXINGS ARE TO BE ASSESSED BY THE CONTRACTOR DURING INSTALLATION.
- COMMON SENSE SHALL BE APPLIED WHEN LOCATING SIGN POLES, FOR EXAMPLE NOT IN THE MIDDLE OF FOOTPATHS, IN LINE WITH PEDESTRIAN CROSSING POINTS, OR WHERE VISIBILITY IS OBSTRUCTED BY OTHER FEATURES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SUITABLY LOCATE SIGNS ON SITE WITHIN THE APPROXIMATE LOCATION SHOWN ON THE DRAWINGS.
- THE PROPOSED PAVEMENT MARKINGS SHALL BE SET OUT IN ACCORDANCE WITH THE DRAWINGS WITH MINOR MODIFICATIONS AS NECESSARY TO MAKE THE 'LINES' SELF-EXPLAINING AND IN CONTEXT WITH THE GEOMETRY AND LANE FEATURES.
- WORK SHALL COMPLY WITH THE GENERAL REQUIREMENTS OF THE RELEVANT WAKA KOTAHĪ AND WCC STANDARDS. THESE INCLUDE:
 - WELLINGTON CITY COUNCIL CODE OF PRACTICE FOR LAND DEVELOPMENT (WCC COP-LD, 2012)
 - WAKA KOTAHĪ | NZ TRANSPORT AGENCY LAND TRANSPORT RULE: TRAFFIC CONTROL DEVICES 2004 WITH AMENDMENTS (TCD RULE, 2004)
 - WAKA KOTAHĪ | NZ TRANSPORT AGENCY TRAFFIC CONTROL DEVICES MANUAL (TCD MANUAL)
 - WAKA KOTAHĪ | NZ TRANSPORT AGENCY MANUAL OF TRAFFIC SIGNS AND MARKINGS (MOTSAM)
 - WELLINGTON WATER REGIONAL STANDARD FOR WATER SERVICES
 - WELLINGTON WATER REGIONAL SPECIFICATION FOR WATER SERVICES

SETTING OUT

- THE CONTRACTOR SHALL CHECK ALL DRAWINGS AND VERIFY LEVELS/DIMENSIONS/SET-OUTS PRIOR TO COMMENCEMENT OF WORK AND REPORT DISCREPANCIES, IF ANY, IMMEDIATELY TO THE ENGINEER.
- THE CONTRACTOR SHALL TAKE ALL STEPS TO INVOLVE THE ENGINEER TO VERIFY THE LEVELS/DIMENSIONS/SET-OUTS ON SITE.
- ALL MEASUREMENTS ARE TAKEN FROM THE KERB FACE AND NOT THE EDGE OF CHANNEL UNLESS STATED OTHERWISE.
- ALL LEVELS/DIMENSIONS/SET-OUTS ARE IN METRES UNLESS STATED OTHERWISE.

ROADING, FOOTPATH, DRAINAGE KERB AND CHANNELS AND ISLANDS

- ENGINEER TO ASSESS ALL CARRIAGEWAY REINSTATEMENT WORK TO CONFIRM SUITABILITY OF EXISTING MATERIAL PRIOR TO ANY REINSTATEMENT WORK. THE CONTRACTOR SHALL ALLOW IN THEIR RATES FOR THE APPROPRIATE TESTING TO CONFORM TO THE SPECIFICATIONS.
- ALL CARRIAGEWAY REINSTATEMENT TO MATCH EXISTING ADJACENT PAVEMENT
- ALL KERBING, FOOTPATH, BERM AND TRAFFIC ISLANDS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST WCC CODE OF PRACTICE FOR LAND DEVELOPMENT AND STANDARD ENGINEERING DETAIL DRAWINGS.
- STANDARD KERB AND CHANNELS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH WCC CODE OF PRACTICE FOR LAND DEVELOPMENT DRAWING R-22-700 UNLESS OTHERWISE SPECIFIED.
- BUS KERB ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD DETAIL DRAWING
- SUBSOIL DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE WITH WCC CODE OF PRACTICE FOR LAND DEVELOPMENT DRAWING R-39-749 UNDER ALL NEW CHANNEL CONSTRUCTION
- STANDARD FOOTPATHS ARE TO BE CONSTRUCTED WITH ASPHALT IN ACCORDANCE WITH THE STANDARD DETAIL DRAWING WITH SURFACE FINISHES COMPLIANT WITH NZS 3114, UNLESS OTHERWISE SPECIFIED
- ALL NEW FOOTPATH CONSTRUCTION MUST INCLUDE BUT NOT LIMIT TO STITCHING BARS AROUND MANHOLE CHAMBERS, VALVES, HYDRANTS AND LIGHTPOLES TO PREVENT CRACKING AT RE-ENTRANT CORNERS.
- ALL FOOTPATH EDGES MUST BE CONSTRUCTED WITH SMOOTH TRANSITION AND FLUSH WITH THE ADJACENT GROUND LEVEL TO AVOID TRIP HAZARDS TO PEDESTRIANS.
- DISTURBED BERM ADJACENT TO NEWLY CONSTRUCTED FOOTPATH OR KERBS SHALL BE REINSTATED WITH COMPACTED SOIL AND GRASS, LEVEL WITH THE NEW FOOTPATH LEVEL.
- LANDSCAPING SLOPES SHOULD NOT EXCEED 33% (1:3) TO AVOID LANDSLIDING AND SAFETY WHEN MOWING
- ALL JOINTS BETWEEN THE CONTRACT WORK AND EXISTING MUST BE SAW CUT NEATLY. SAWCUTTING SHALL GENERALLY BE SQUARE AND/OR PARALLEL TO THE KERB ALIGNMENT AND/OR CARRIAGEWAY. DRY CUTTING IS NOT PERMITTED. ALL JOINTS ACROSS CARRIAGEWAY MUST BE SEALED WITH A BITUMASTIC COMPOUND OR SIMILAR WHICH IS PRIOR APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL UNDERTAKE LEVEL SURVEY ON ALL FOOTPATH AND DRAINAGE CHANNEL TO ENSURE THAT NO PONDING WILL OCCUR. WORK MAY BE REQUIRED TO EXTEND BEYOND THE LIMITS SHOWN IN THE DESIGN DRAWINGS WITH THE ENGINEER'S APPROVAL.
- ONLY PRAM CROSSINGS AT SIGNALISED AND ZEBRA CONTROLLED PEDESTRIAN CROSSINGS SHALL HAVE APPROVED TACTILE CONCRETE PAVERS IN ACCORDANCE WITH RTS14 STANDARD. OTHER FORMS OF TACTILE WARNING INDICATORS ARE NOT PERMITTED UNLESS PRIOR APPROVAL BY THE ENGINEER.
- TACTILE PAVERS SHALL BE SET PERPENDICULAR TO THE DIRECTION OF CROSSING AND WITHIN THE PRAM CROSSING. STAGGERED ARRANGEMENT IS GENERALLY NOT PERMITTED UNLESS SPECIFIED OTHERWISE BY THE ENGINEER. DIRECTIONAL TACTILE PAVERS ARE ONLY REQUIRED WHERE SHOWN ON THE DRAWINGS.
- ALL NEW CATCH PIT TO CONSIST OF SAFETY SPRING LATCHED CLASS D TO A5396 GRATE WEIGHT MINIMUM 62.5kg. ALL NEW OR REPLACED SUMPS SHALL HAVE CYCLE FRIENDLY SUMP TOPS
- SEPARATORS SHALL BE WHITE VANGUARD CYCLE SEPARATOR WITH VERTICAL BOLLARDS AT EACH END TYPICAL SPACING OF 3m SEPARATOR, 3m GAP. GAP SHOULD BE VARIED IF REQUIRED TO ADJUST AROUND ADJACENT ACCESS POINTS. AS MARKED ON THE DRAWINGS THE POSTS FOR THE FIRST 25m OF ANY SECTION OF SEPARATED CYCLEWAY SHALL BE WHITE. THE REMAINING SEPARATOR POSTS NOT SHOWN AS WHITE SHALL BE BLACK.

ROADMARKINGS AND SIGNS

- ALL ROAD MARKING AND SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH MANUAL OF TRAFFIC SIGNS AND MARKINGS (MOTSAM), TRAFFIC CONTROL DEVICES (TCD) MANUAL, STANDARD DETAIL DRAWINGS AND OTHER RELEVANT STANDARDS.
- ALL ROADMARKINGS TO BE LAID IN TWO COATS WITHIN A MONTH OF EACH OTHER. ALL FIRST COAT MARKINGS SHALL BE OF REFLECTORISED PAVEMENT MARKINGS.
- ALL SECOND COAT FLUSH MEDIAN BARS, PARKING RESTRICTION LINES AND SPEED TABLE DRAGON TOOTH MARKINGS SHALL BE REFLECTORISED PAVEMENT MARKING. EXCEPT WHERE SPECIFIED ON THE DRAWING, ALL OTHER ROAD MARKINGS SHALL BE LONG LIFE PAVEMENT MARKING
- RAISED REFLECTIVE PAVEMENT MARKERS (RRPM) SHALL COMPLY WITH NZTA P/14, NZTA M/12 AND MOTSAM STANDARDS.
- ALL NEW CENTRELINES SHALL INCLUDE RRPMS AT THE SPACING AND COLOUR DESCRIBED IN MOTSAM
- THE CONTRACTOR SHALL ENSURE THAT ALL REINSTATED ROADMARKINGS ARE TO BE EXTENDED AS REQUIRED BEYOND THE LIMITS SHOWN IN THE DRAWINGS TO ACHIEVE CONTINUITY MATCHING INTO THE EXISTING MARKINGS.
- LINE MARKINGS TO BE REMOVED SHALL BE REMOVED PERMANENTLY IN ACCORDANCE WITH NZRF LINE REMOVAL GUIDE. BACKING OUT OF MARKINGS (WITH PAINT OR TEMPORARY MARKING TAPE) IS NOT A PERMANENT REMOVAL METHOD. REMOVAL INCLUDES REMOVING ANY RRPMS LOCATED ALONG MARKINGS SHOWN TO BE REMOVED
- TEMPORARY ROAD MARKING IS NOT PERMITTED UNLESS PRIOR APPROVAL BY THE ENGINEER.
- AUDIO TACTILE PROFILED (ATP) EDGE LINE MARKINGS
 - REFER TO NZTA SPECIFICATIONS M24 AND P30 AND THEIR NOTES FOR FULL DETAILS
 - LAI D ALONG THE OUTSIDE OF THE NORMAL EDGE LINE WITHIN THE BUFFER
 - 250MM PITCH
 - ON SPECIFIC CORNERS AS SHOWN ON THE DRAWINGS

LIGHTING

- WCC IS CONDUCTING A SEPARATE ASSESSMENT TO VERIFY THE LUMINANCE LEVELS AT EXISTING AND PROPOSED CROSSINGS. ANY NECESSARY ADJUSTMENTS WILL BE MADE ACCORDINGLY TO ENSURE COMPLIANCE WITH ESTABLISHED REGULATIONS AND STANDARDS. LIGHTING DESIGN WILL BE PROVIDED BY OTHERS AND APPROVED BY WCC BEFORE CONSTRUCTION

- NO STOPPING LINES
 - AS SHOWN ON THE DRAWINGS, INCLUDING ALL SECTIONS OF CYCLE LANE.
 - EXISTING MARKINGS TO REMAIN EXCEPT WHERE SPECIFICALLY SHOWN TO BE REMOVED
 - FOR CYCLE LANES TYPICALLY 1M STRIPE, 2M GAP
 - OTHER AREAS TYPICALLY 1M STRIPE, 1M GAP
- CYCLE BUFFER (TWO EDGE LINES AND STRIPES)
 - 100MM WIDE WHITE EDGE LINES
 - WIDTH VARIES AS SHOWN ON THE DRAWINGS TO USE THE EXISTING EDGE LINE
 - INCLUDES 600MM WIDE HATCH AT 10M CENTRES
- GREEN CYCLE LANE MARKINGS
 - GREEN HIGH FRICTION PAINT (G13 EMERALD GREEN OR AS OTHERWISE APPROVED)
 - EXTENDS ACROSS THE CYCLE LANE BETWEEN THE EDGE LINE AND THE NO STOPPING MARKINGS
 - FOR SEPARATED CYCLEWAYS STOP 100MM FROM THE INSIDE FACE OF THE SEPARATOR
 - INCLUDES CYCLE SYMBOL IN THE DIRECTION SHOWN ON THE DRAWINGS
- SPEED MARKINGS
 - 5.3M LONG
 - SPEED SYMBOL ON RED HIGH FRICTION BACKGROUND (R13 SIGNAL RED OR AS OTHERWISE APPROVED)
 - EXTENDS BETWEEN THE CENTRELINE AND LANE EDGE LINE, OR WHERE THERE IS NO CENTRELINE THEN TO THE CENTRE OF THE ROAD
 - NOT REQUIRED ON ALL SPEED LIMIT CHANGES, JUST WHERE SHOWN ON THE DRAWINGS
- BUS STOPS
 - RE-MARK ALL BUS STOPS ALONG THE ROUTE
 - ADD "BUS STOP" LETTERING TO EACH BUS STOP
 - AFFECTED FIRE HYDRANT MARKINGS TO BE REINSTATED IN ACCORDANCE WITH MOTSAM PART 2, SECTION 4
 - SIGNS, POSTS, AND FIXINGS SHALL BE RE-USED WHERE POSSIBLE.
 - ALL STATIC SIGNS INSTALLATION MUST BE READ IN CONJUNCTION WITH NZTA P/24, TRAFFIC CONTROL DEVICES (TCD) MANUAL, MOTSAM AND OTHER RELEVANT STANDARDS
 - SIGNS INSTALLATION USING SURFACE MOUNT SOCKET IS SUBJECT TO AT ENGINEER APPROVAL.
 - ALL ELECTRONIC SIGNS INSTALLATION MUST BE READ IN CONJUNCTION WITH NZTA P/32, TRAFFIC CONTROL DEVICES (TCD) MANUAL AND OTHER RELEVANT STANDARDS
 - ALL RETRO-REFLECTIVE SHEETING USED FOR TRAFFIC SIGNS MUST COMPLY WITH AS/NZS 1906.1:2017.
 - ALL LATERAL PLACEMENT OF THE STATIC SIGNS SHALL BE INSTALLED AS PER MOTSAM PART 1 SECTION 1.7.3(A):
 - IN URBAN AREAS
 - A DESIRABLE MINIMUM OF 500 mm FROM KERB FACE WHERE MOUNTABLE KERBS ARE PRESENT, OR
 - 300 mm FROM KERB FACE WHERE NON-MOUNTABLE KERBS ARE PRESENT
 - IN RURAL AREAS
 - A DESIRABLE MINIMUM OF 500 mm FROM KERB FACE WHERE KERBS ARE PRESENT, OR
 - 600mm FROM OUTER EDGE OF THE ROAD SHOULDER WHERE KERBS ARE NOT PRESENTED
 - MINIMUM VERTICAL DISTANCE FOR STANDARD GROUND MOUNTED SIGNS SHALL BE IN COMPLIANT WITH THE TCD STANDARD:
 - 2.0 m FOR ALL STANDARD SIGNS ALONG LOCAL ROAD
 - 2.5 m FOR ALL SIGNS OVER FOOTPATHS AND/OR TRANSIT/BUS LANES SIGNS
 - THE MINIMUM LATERAL OFFSET TO THE OUTER EDGE OF THE ELECTRONIC SIGN SHALL BE NO LESS THAN 600 mm FROM THE EDGE OF THE ROAD SHOULDER AND BETWEEN 2 m AND 5 m FROM THE EDGE OF THE LIVE TRAFFIC.
 - ON URBAN ROADS WITH A KERB, THE LATERAL PLACEMENT OF THE SIGN POLE SHALL BE NO LESS THAN 1 m FROM THE KERB FACE, AND A DESIRABLE PLACEMENT OF 1.5 m FROM THE KERB FACE WHERE SPACE IS AVAILABLE AND VISIBILITY IS ACHIEVED.
 - ALL VERTICAL PLACEMENT OF THE ELECTRONIC SIGNS SHALL BE INSTALLED AS PER NZTA P/32, NZTA TRAFFIC NOTE 57, MANUAL OF TRAFFIC SIGNS AND MARKING (MOTSAM) AND TRAFFIC CONTROL DEVICES (TCD)
 - THE BOTTOM OF THE DISPLAY CABINET SHALL BE MOUNTED 3 m ABOVE GROUND LEVEL UNLESS OTHERWISE AGREED WITH RCA.
 - THE MINIMUM MOUNTING HEIGHT SHALL BE NO LESS THAN 2.75 m
 - THE SUPPORTING POSTS FOR THE ELECTRONIC SIGNS SHALL BE FRANGIBLE ALUMINIUM POST WITHOUT SLIPBASE. THE MAXIMUM DIAMETER OF THE ALUMINIUM POST THAT DOES NOT REQUIRE A SLIPBASE IS A SINGLE, FLUTED, 114 mm OUTER DIAMETER ALUMINIUM POST, OF 4.7 mm WALL THICKNESS, MANUFACTURED IN GRADE 6264-T5 (255MPa YIELD STRENGTH). THE POST SHALL HAVE A POWDER COATED FINISH AND BE COLOURED WHITE.
 - ALL REFLECTORISED GROUND MOUNTED SIGNS SHALL BE ORIENTATED SUCH THAT THEY ARE ϕ° (NO GREATER THAN 10°) FROM DRIVER'S LINE OF SIGHT OR THE ROAD CENTRELINE
 - TRAFFIC SIGNS LOCATIONS AND ROTATIONS ARE INDICATIVE ONLY. THESE ARE TO BE CONFIRMED ON SITE BY THE ENGINEER PRIOR TO INSTALLATION TO AVOID CONFLICT AND OBSTRUCTION TO SIGNS
 - PRIOR TO THE INSTALLATION OF TRAFFIC SIGNS, CONTRACTORS ARE RESPONSIBLE TO LOCATE ANY SERVICES, STREET FURNITURE, STORMWATER DRAINAGE AND OTHER FEATURES, WHERE THERE IS A CONFLICT BETWEEN THE SIGN INSTALLATION AND EXISTING SERVICES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO INSTALLATION AND MODIFY THE SIGN LOCATION WHERE APPROPRIATE.
 - EXISTING SIGNS TO BE REMOVED MUST BE PERMANENTLY REMOVED FROM THE SITE, SAW CUTTING WITH ABANDONED STUDS OR PARTIAL POLE ARE NOT PERMITTED.

PAVEMENT AND SURFACING

- PAVEMENT AND SURFACING SHALL BE REINSTATED WITHIN 1m OF THE NEW KERB AND CHANNEL CONSTRUCTION
- ALL PAVEMENT AND SURFACING WORKS SHALL COMPLY WITH NZTA, AUSTRROADS AND ALL RELEVANT STANDARDS
- ALL ASPHALTIC CONCRETE SURFACING WORKS SHALL COMPLY WITH NZTA M/1, M/10, P/9 AND P/23 SPECIFICATION AND NOTES. A MINIMUM OF 45 mm ASPHALTIC CONCRETE SURFACING IS REQUIRED.
- THE PLACEMENT OF STRUCTURAL AC AND WEARING COURSE SHALL BE IN ACCORDANCE WITH NZTA M/10 SPECIFICATION.
- ALL MIX DESIGN FOR ASPHALTIC CONCRETE SHALL BE CARRIED OUT IN ACCORDANCE WITH THE ASPHALT INSTITUTE MIX DESIGN METHODS. THE MIX DESIGN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION
- IN-SITU STABILISATION (CEMENT AND/OR LIME) WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH NZTA B/5 AND B/6 SPECIFICATIONS AND NOTES. THE LABORATORY MIX DESIGN SHALL BE UNDERTAKEN ON SAMPLES OBTAINED FROM THE RESPECTIVE FIELD TESTING AND THE OPTIMAL MIX DESIGN SHALL BE SUBMITTED TO THE ENGINEER FOR PAVEMENT DESIGN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- CURING OF THE STABILISED LAYERS SHALL BE IN ACCORDANCE WITH NZTA B/6, B/7 AND B/8 SPECIFICATIONS. PAVEMENT LAYERS SHOULD ONLY BE OPENED TO TRAFFIC ONCE THE PAVEMENT LAYERS HAVE SUFFICIENTLY BEEN CURED.
- CEMENTED SUBBASE WORKS SUBJECT TO MIX DESIGN APPROVAL BY THE ENGINEER. IT IS CONTRACTOR'S RESPONSIBILITY TO UNDERTAKE THE MIX DESIGN AS PER NZTA T/19 SPECIFICATION.
- THE CONSTRUCTION OF CEMENTED SUBBASE SHALL BE IN ACCORDANCE WITH NZTA B/8 SPECIFICATION.
- SHALL SUBGRADE IMPROVEMENT BE REQUIRED USING IN-SITU LIME STABILISATION, THIS SHALL BE CARRIED OUT IN ACCORDANCE WITH NZTA M/15 SPECIFICATION. ALL OTHER SUBGRADE IMPROVEMENT WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH NZTA F/1 AND B/9 SPECIFICATIONS.
- WHERE THE SUBGRADE IS EXPOSED AND IN AREAS OF WIDENING, THE SUBGRADE SHALL BE TESTED BY MEANS OF SCALA PENTROMETER. TESTING ON A 5 m GRIDE. THE APPROPRIATE PAVEMENT DESIGN SHALL THEN BE CONSTRUCTED BASED ON THE SUBGRADE STRENGTH. PROOF ROLLING AND VISUAL INSPECTION BY THE ENGINEER OR DESIGNER IS REQUIRED.
- ALL CLOURE SURFACING TREATMENTS SHALL COMPLY WITH NZTA P/33 SPECIFICATION
- ALL JOINTS BETWEEN EXISTING AND NEW SURFACING SHALL BE UNDERTAKEN WITH A CLEAN SAWCUT.
- CONTRACTOR TO SUBMIT PAVEMENT AND SURFACING CONSTRUCTION METHODOLOGY STATEMENTS INCLUDING TESTING TO THE ENGINEER FOR APPROVAL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL TESTING REQUIREMENTS AND TESTING FREQUENCY SHALL BE IN ACCORDANCE WITH THE RELEVANT NZTA SPECIFICATIONS.
- QUALITY CONTROL IS SUBJECT TO APPROVAL OF AN INSPECTION AND TEST PRIOR TO CONSTRUCTION STARTING. ANY ASPHALT SURFACE WHICH WILL BE OPENED TO THE TRAFFIC SHALL HAVE A MAXIMUM VERTICAL TOLERANCE OF +/-5 mm.

GRASS AND TREES

- CONTRACTOR SHALL LIAISE WITH WCC APPROVED ARBORIST FOR ANY WORK UNDER THE DRIPLINE. LIAISON SHALL BE MADE WELL IN ADVANCE OF ANY CONSTRUCTION WORK.
- THE CONTRACTOR SHALL LIAISE WITH WCC APPROVED ARBORIST FOR ALL TREE REMOVAL, PLANTING, TRIMMING AND PRUNING WORKS.
- THE CONTRACTOR SHALL LIAISE WITH PARKS, SPORTS AND RECREATION DEPARTMENT OF WCC FOR ALL LANDSCAPING WORKS.

VEHICLE CROSSING

- CONSTRUCTION FOR NEW VEHICLE CROSSING SHALL COMPLY WITH WCC CODE OF PRACTICE FOR LAND DEVELOPMENT DRAWING R-24-721
- GAP40 GRANULAR BASECOURSE BEDDING MUST BE PLACED AND COMPACTED. COMPACTION MUST ACHIEVE A MINIMUM CLEGG IMPACT VALUE OF 12 FOR VEHICLE CROSSINGS.

DRAINAGE WORKS

- CONTRACTOR TO CONFIRM LOCATION OF SERVICES PRIOR TO CONSTRUCTION OF DRAINAGE INFRASTRUCTURE. PROPOSED SUMP AND MANHOLE LOCATIONS SHALL BE CHECKED AGAINST DESIGN SETOUT FOR CLASH WITH UNKNOWN SERVICES TO CONFIRM DESIGN GRADE AND LEVELS CAN BE ACHIEVED. WHERE REQUIRED, SURVEY SHALL BE PROVIDE OF POTHOLED SERVICES, AND DOWNSTREAM STORMWATER MANHOLE PROVIDING LOCATIONS AND REDUCED LEVELS IN NZGD 2000, WELLINGTON CIRCUIT COORDINATES WITH WELLINGTON VERTICAL DATUM 1953 FOR HEIGHTS.
- DRAINAGE INFRASTRUCTURE ASSOCIATED WITH THE CONSTRUCTION WORKS SHALL BE INSTALLED IN ACCORDANCE WITH THESE DRAWINGS AND WELLINGTON WATER'S REGIONAL SPECIFICATION FOR WATER SERVICES - 2021

GENERAL LEGEND

	PARCEL BOUNDARY
	HOUSE EXTENT
	PLOT NUMBER
	KERB - EXISTING
	KERB - NEW
	KERB - RELOCATED
	NEW / EXTENDED RAISED MEDIAN ISLAND
	NEW CONCRETE FOOTPATH
	NEW GREEN PAINT MARKING
	NEW WHITE ROAD MARKING
	NEW WHITE DASH ROAD MARKING
	NEW NO-STOPPING LINE
	NEW NO-PASSING LINE
	EXISTING CONTINUOUS ROAD MARKING - TO BE REMOVED
	EXISTING DASH ROAD MARKING - TO BE REMOVED
	CHEQUER PLATE
	NEW KERB BUILDOUT AND PEDESTRIAN RAMP WITH TACTILE PAVERS 1.2m CYCLE HOLD BAR WITH TAPPING RAIL
	INTERLOCKING SPEED HUMP - 50mm HIGH
	NEW TACTILE PAVERS
	CYCLEWAY SEPARATOR WITH 2x BOLLARD
	NEW ROAD SIGN - SINGLE SIDED
	NEW ROAD SIGN - DOUBLE SIDED
	EXISTING ROAD SIGN
	RELOCATED ROAD SIGN - SINGLE SIDED
	EXISTING ROAD SIGN TO BE REMOVED - SINGLE SIDED
	ROAD MARKING GIVE WAY - WHITE
	ROAD MARKING WARNING - WHITE
	ROAD MARKING PEDESTRIAN CROSSING - WHITE
	ROAD MARKING DRAGONS TOOTH (CROSSING) - WHITE
	ROAD MARKING SHARROW - WHITE
	ROAD MARKING CYCLE SYMBOL
	NEW STREET LIGHTING
	EXISTING STREET LIGHTING TO BE RELOCATED
	EXISTING STREET LIGHTING RELOCATED POSITION
	EXISTING SUMP
	NEW SUMP
	NEW STORMWATER MANHOLE
	EXISTING STORMWATER MANHOLE
	NEW STORMWATER LINE
	EXISTING STORMWATER LINE

CLIENT		ORIGINATOR		C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022	DESIGN STAGE		GATE		PROJECT:	TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL			
				C03	TRAFFIC RESOLUTION ISSUE	C.LI	J.WARD	07/10/2022	DETAILED DESIGN		IFC						
				C04	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	21/10/2022	DRAWING STATUS		FOR CONSTRUCTION		DOCUMENT:	ORIGINATOR	PROJECT	WORK STREAM	TYPE
				C05	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	28/10/2022	APPROVED BY:		DESIGNED:			B.RODENBURG		SCH - TC - NGAIoT - DRG - TR - 902011	C07
				C06	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023	R.DUNN		DES. CHECK:		R.DUNN				
LAST SAVED BY: CHLI(2023-03-06) LAST PLOTTED: 2023-03-06 PRINTED COPIES OF THIS DOCUMENT ARE UNCONTROLLED		DRAWING SCALE: 1:2000		C07	ISSUE FOR CONSTRUCTION	C.LI	R.DUNN	03/03/2023	APPROVED DATE:		DRAWN:		C.LI				
				APPROVED BY: R.DUNN DES. CHECK: R.DUNN APPROVED DATE: 03/03/2023 DRG. CHECK: H.BENDLE													

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ORIGINAL SIZE: ISO A1 594mm x 841mm

200

150

100

50

30

10

ROAD MARKINGS SPECIFICATIONS				
NAME	SYMBOL (NOT TO SCALE)	CODE	MATERIAL	SPECIFICATION
CONTINUOUS LANE LINE / EDGE LINE		CLL	WHITE, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICE MANUAL, PART 5: TRAFFIC CONTROL DEVICES FOR GENERAL USE 100mm (MIN.) WIDE CONTINUOUS LINE
BROKEN LANE LINE		BLL	WHITE, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICE MANUAL, PART 5: TRAFFIC CONTROL DEVICES FOR GENERAL USE 100mm (MIN.) WIDE 3.0m STRIPE, 7.0m GAP
LIMIT LINE		LIL	WHITE, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICES MANUAL, Part 4: TRAFFIC CONTROL DEVICES FOR GENERAL USE - FOR INTERSECTION 300mm WIDE CONTINUOUS LINE
CONTINUITY LINE		CL	WHITE, REFLECTORISED PAINT	MOTSAM, PART 2, SECTION 3: INTERSECTION PAVEMENT MARKING 100mm WIDE LINE, 1.0m STRIPE, 3.0m GAP
NO STOPPING AT ALL TIMES LINE		NSAAT	YELLOW, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICES MANUAL, PART 13: PARKING CONTROL 100mm WIDE LINE, 1.0m STRIPE, 1.0m GAP WHERE NO-STOPPING RESTRICTION IS GREATER THAN 30m A 2.0m GAP MAY BE USED
NO-OVERTAKING		N-O	YELLOW, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICE MANUAL, PART 5: TRAFFIC CONTROL DEVICES FOR GENERAL USE 100mm (MIN. CAN BE INCREASED TO 150mm) WIDE CONTINUOUS LINE
BUS STOP MARKING		BS	YELLOW, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICES MANUAL (TCD MANUAL) - PART 13: PARKING CONTROL
"BUS STOP" TEXT		BST	YELLOW, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICE MANUAL, PART 5: TRAFFIC CONTROL DEVICES FOR GENERAL USE USE OF THE TEXT "BUS STOP" WITHIN THE BUS BOX IS OPTIONAL, BUT IS RECOMMENDED THAT IT IS USED FOR ALL BUS STOPS WITH BUS BOXES
GIVEWAY SYMBOL (CARRIAGEWAY)		GW	WHITE, REFLECTORISED PAINT	AS PER MOTSAM PART 2 SECTION 3 - PLACED AS SHOWN ON PLAN
CYCLE SYMBOL		CS	WHITE, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICE MANUAL, PART 5: TRAFFIC CONTROL DEVICES FOR GENERAL USE - BETWEEN INTERSECTIONS, CYCLE FACILITIES THE SYMBOL SIZE CAN BE REDUCED TO TWO-THIRD FOR NARROW CYCLE LANES
SHARROW SYMBOL		SHS	WHITE, REFLECTORISED PAINT	SHARROW MARKINGS, BEST PRACTICE GUIDANCE NOTE - 2016
CYCLE SYMBOL WITH GREEN BACKGROUND		CSGB	WHITE, REFLECTORISED PAINT FOR CYCLE SYMBOL, AND AS 2700-1996 G26 APPLE GREEN FOR THE BACKGROUND	TRAFFIC CONTROL DEVICE MANUAL, PART 5: TRAFFIC CONTROL DEVICES FOR GENERAL USE - BETWEEN INTERSECTIONS, CYCLE FACILITIES THE GREEN COLOURED SURFACE SHOULD AT LEAST EXCEEDING THE SIZE OF CYCLE SYMBOL ITSELF
ADVANCE WARNING DIAMOND		AWD	WHITE, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICE MANUAL, PART 5: TRAFFIC CONTROL DEVICES FOR GENERAL USE - BETWEEN INTERSECTIONS, PEDESTRIAN FACILITIES 100mm LINE WIDTH PLACED AS SHOWN ON PLAN
FLUSH MEDIAN		FM	WHITE, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICE MANUAL, PART 5: TRAFFIC CONTROL DEVICES FOR GENERAL USE - BETWEEN INTERSECTIONS REFER TO TCD, PART 5 - TREATMENT FOR STRAIGHT - GENERAL DELINEATION; TABLE 2.9 FOR BAR SPACING REQUIREMENT
PEDESTRIAN CROSSING		PC	WHITE, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICE MANUAL, PART 5: TRAFFIC CONTROL DEVICES FOR GENERAL USE - BETWEEN INTERSECTIONS, PEDESTRIAN FACILITIES PLACED AS SHOWN ON PLAN
CHEVRON MARKING - CYCLEWAYS		CH-CW	WHITE, REFLECTORISED PAINT	ACCESS CONTROL DEVICES ON PATHS, DESIGN GUIDANCE NOTE 200mm WIDE DIAGONAL BARS AND 1.5m BAR SPACING
KEEP CLEAR - CROSS HATCHING		KC-CH	YELLOW, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICE MANUAL, PART 5: TRAFFIC CONTROL DEVICES FOR GENERAL USE - BETWEEN INTERSECTIONS, EMERGENCY VEHICLE - FLASHING SIGNALS WIDTH OF LINES IS 100mm AND THE SIZE OF DIAMOND IS HALF THE LANE WIDTH (OR MATCH THE EXISTING IF IT IS EXTENDED)
GREEN PAINT		GP	G26 APPLE GREEN ACCEPTABLE ALTERNATIVE G13 EMERALD GREEN G36 KIKUYU	COLOURED SURFACING PRINCIPLES - BEST PRACTICE GUIDANCE NOTE THE COLOUR FOR BUFFERED ADVANCE STOP BOX AND BACKGROUND OF CYCLE SYMBOL
RED PAINT		RP	R13 SIGNAL RED ACCEPTABLE ALTERNATIVE R54 RASPBERRY	COLOURED SURFACING PRINCIPLES - BEST PRACTICE GUIDANCE NOTE THE COLOUR FOR SPEED LIMIT THRESHOLD TREATMENT
HUMP RAMP MARKING		HRM	WHITE, REFLECTORISED PAINT	TRAFFIC CONTROL DEVICE MANUAL, PART 5: TRAFFIC CONTROL DEVICES FOR GENERAL USE - BETWEEN INTERSECTIONS, VERTICAL DEFLECTION DEVICES HUMP RAMP MARKING MUST EXTEND FROM THE BASE OF THE RAMP TO THE APEX OR TO THE TOP OF RAMP, BUT NO GREATER THAN 1850mm

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ORIGINATOR

abley
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REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	ISSUE FOR CONSTRUCTION	E.SANGSEFIDI	A.HEAD	20/01/2023
DRAWING SCALE: N.T.S				

DESIGN STAGE: DETAILED DESIGN

GATE: IFC

DRAWING STATUS: FOR CONSTRUCTION

APPROVED BY: A.HEAD

DESIGNED BY: B.RODENBURG

DES. CHECK: A.HEAD

APPROVED DATE: 20/01/2023

DRAWN: E.SANGSEFIDI

DRG. CHECK: H.BENDLE

PROJECT: TRANSITIONAL CYCLEWAYS
NGAIO TRANSITIONAL

TITLE: ROAD MARKINGS SPECIFICATIONS

DOCUMENT: SCH - TC - NGAIoT - DRG - TR - 902012 C01

ORIGINATOR	PROJECT	WORK STREAM	TYPE	DISCIPLINE	SHEET	REVISION

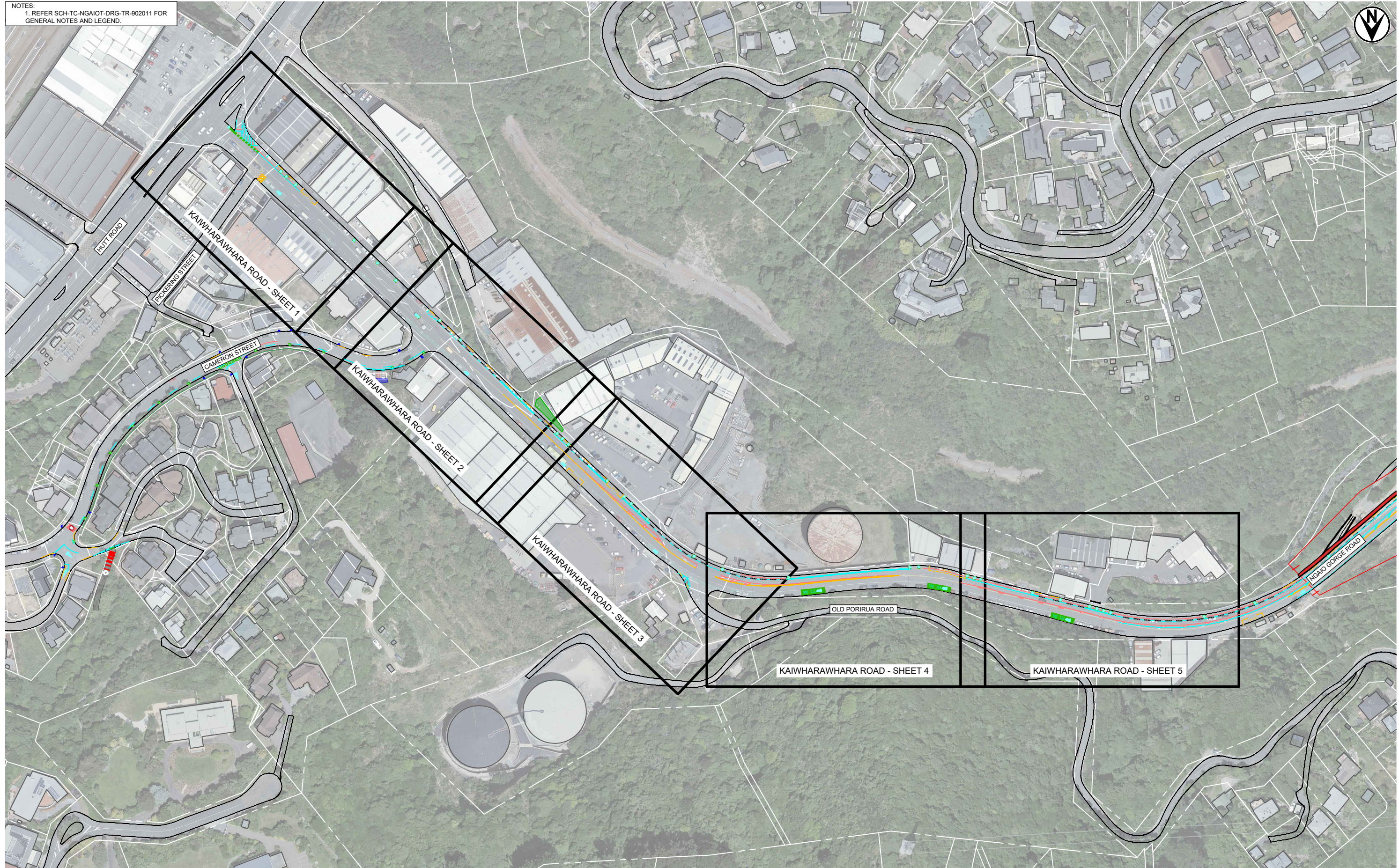
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NOTES:
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ORIGINATOR

REV.	DESCRIPTION	DRAWN BY	APPRD. BY	DATE
C01	30% DETAILED DESIGN	C.LI	A.HEAD	25/07/2022
C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022
C03	TRAFFIC RESOLUTION ISSUE	C.LI	J.WARD	07/10/2022
C04	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	21/10/2022
C05	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C06	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023

SCALE	0 25 50 m
DRAWING SCALE:	1:1000

DESIGN STAGE	GATE
DETAILED DESIGN	IFC

DRAWING STATUS		
FOR CONSTRUCTION		
APPROVED BY:	DESIGNED:	B.RODENBURG
A.HEAD	DES. CHECK:	A.HEAD
APPROVED DATE:	DRAWN:	C.LI
20/02/2023	DRG. CHECK:	H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS			
	NGAIO TRANSITIONAL			
TITLE:	KAIWHARAWHARA ROAD SECTION COVERSHEET			
DOCUMENT:	SCH - TC - NGAIOT - DRG - TR - 902100	SHEET	C06	REVISION

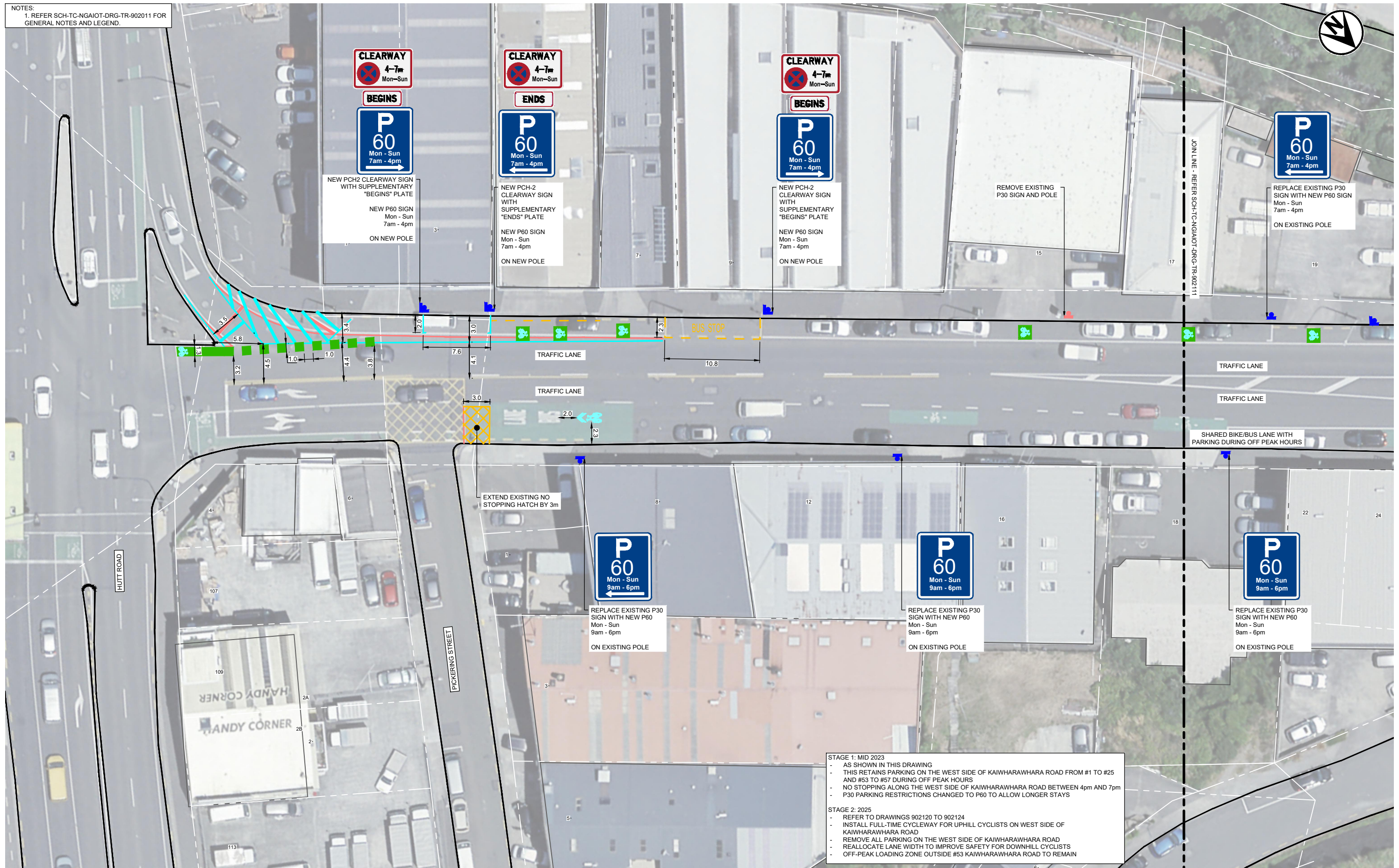
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NOTES:
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STAGE 1: MID 2023
 - AS SHOWN IN THIS DRAWING
 - THIS RETAINS PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD FROM #1 TO #25 AND #53 TO #57 DURING OFF PEAK HOURS
 - NO STOPPING ALONG THE WEST SIDE OF KAIWHARAWHARA ROAD BETWEEN 4pm AND 7pm
 - P30 PARKING RESTRICTIONS CHANGED TO P60 TO ALLOW LONGER STAYS

STAGE 2: 2025
 - REFER TO DRAWINGS 902120 TO 902124
 - INSTALL FULL-TIME CYCLEWAY FOR UPHILL CYCLISTS ON WEST SIDE OF KAIWHARAWHARA ROAD
 - REMOVE ALL PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD
 - REALLOCATE LANE WIDTH TO IMPROVE SAFETY FOR DOWNHILL CYCLISTS
 - OFF-PEAK LOADING ZONE OUTSIDE #53 KAIWHARAWHARA ROAD TO REMAIN

ORIGINAL SIZE: ISO A1 594mm x 841mm
300
200
150
100
50
0

CLIENT: Absolutely Positively Wellington City Council
 Me Heke Ki Pōneke

ORIGINATOR: abley
 TTT
 Tonkin+Taylor Isthmus.

REVISIONS:

REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022
C03	TRAFFIC RESOLUTION ISSUE	C.LI	J.WARD	07/10/2022
C04	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	21/10/2022
C05	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	28/10/2022
C06	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C07	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023

SCALE: 1:200

0 5 10 m

DESIGN STAGE	DESIGN STAGE	GATE
DETAILED DESIGN	DETAILED DESIGN	IFC
DRAWING STATUS		
FOR CONSTRUCTION		
APPROVED BY:	DESIGNED:	B.RODENBURG
A.HEAD	DES. CHECK:	A.HEAD
APPROVED DATE:	DRAWN:	C.LI
20/02/2023	DRG. CHECK:	H.BENDLE

PROJECT: TRANSITIONAL CYCLEWAYS
 NGAIO TRANSITIONAL

TITLE: KAIWHARAWHARA ROAD
 GENERAL ARRANGMENT PLAN - STAGE 1
 SHEET 1

DOCUMENT: SCH - TC - NGAIoT - DRG - TR - 902110 C07

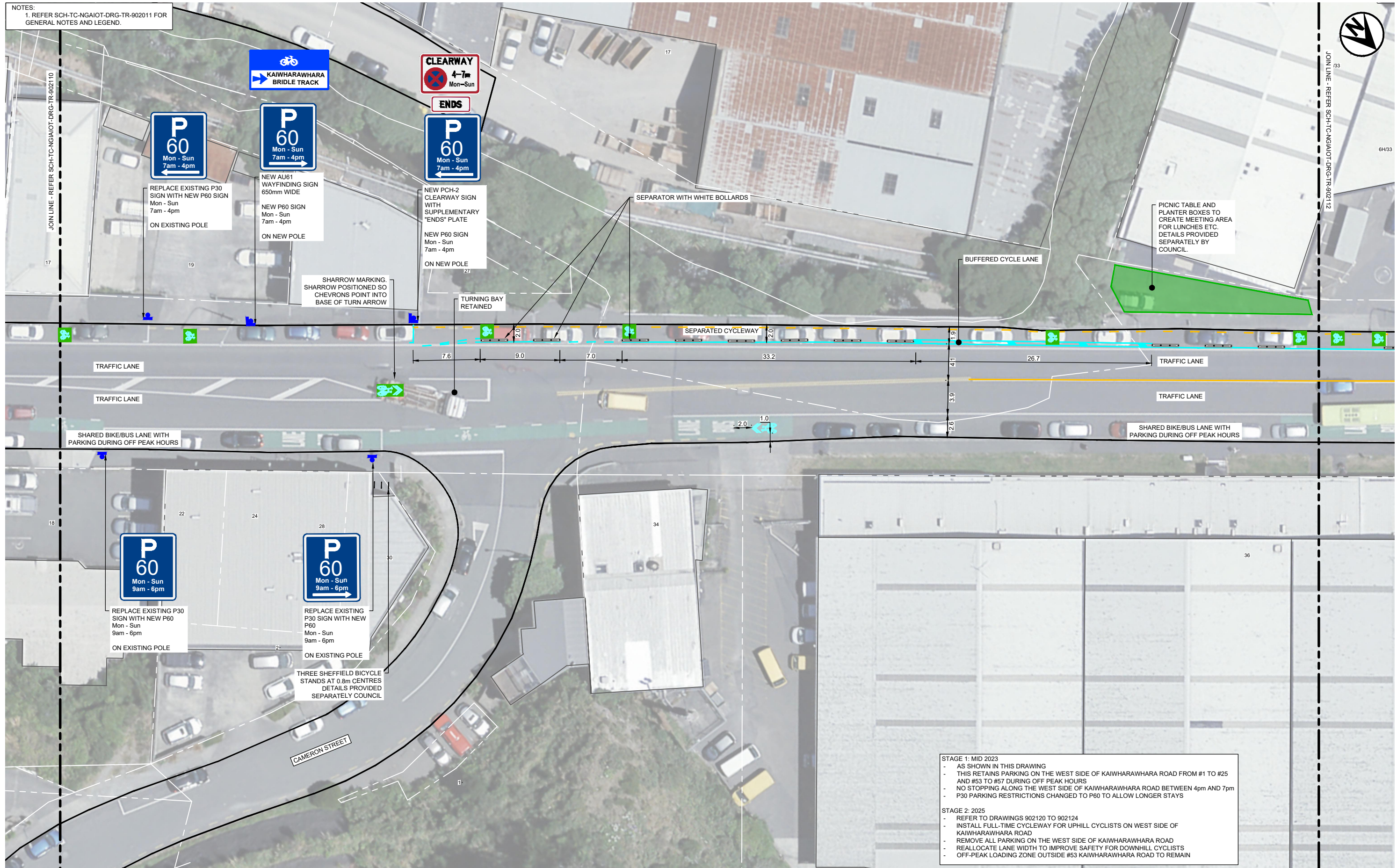
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NOTES:
1. REFER SCH-TC-NGAIOT-DRG-TR-902111 FOR GENERAL NOTES AND LEGEND.



STAGE 1: MID 2023
 - AS SHOWN IN THIS DRAWING
 - THIS RETAINS PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD FROM #1 TO #25 AND #53 TO #57 DURING OFF PEAK HOURS
 - NO STOPPING ALONG THE WEST SIDE OF KAIWHARAWHARA ROAD BETWEEN 4pm AND 7pm
 - P30 PARKING RESTRICTIONS CHANGED TO P60 TO ALLOW LONGER STAYS

STAGE 2: 2025
 - REFER TO DRAWINGS 902120 TO 902124
 - INSTALL FULL-TIME CYCLEWAY FOR UPHILL CYCLISTS ON WEST SIDE OF KAIWHARAWHARA ROAD
 - REMOVE ALL PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD
 - REALLOCATE LANE WIDTH TO IMPROVE SAFETY FOR DOWNHILL CYCLISTS
 - OFF-PEAK LOADING ZONE OUTSIDE #53 KAIWHARAWHARA ROAD TO REMAIN

ORIGINAL SIZE: ISO A1 594mm x 841mm



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C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022
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C06	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C07	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023

SCALE: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC

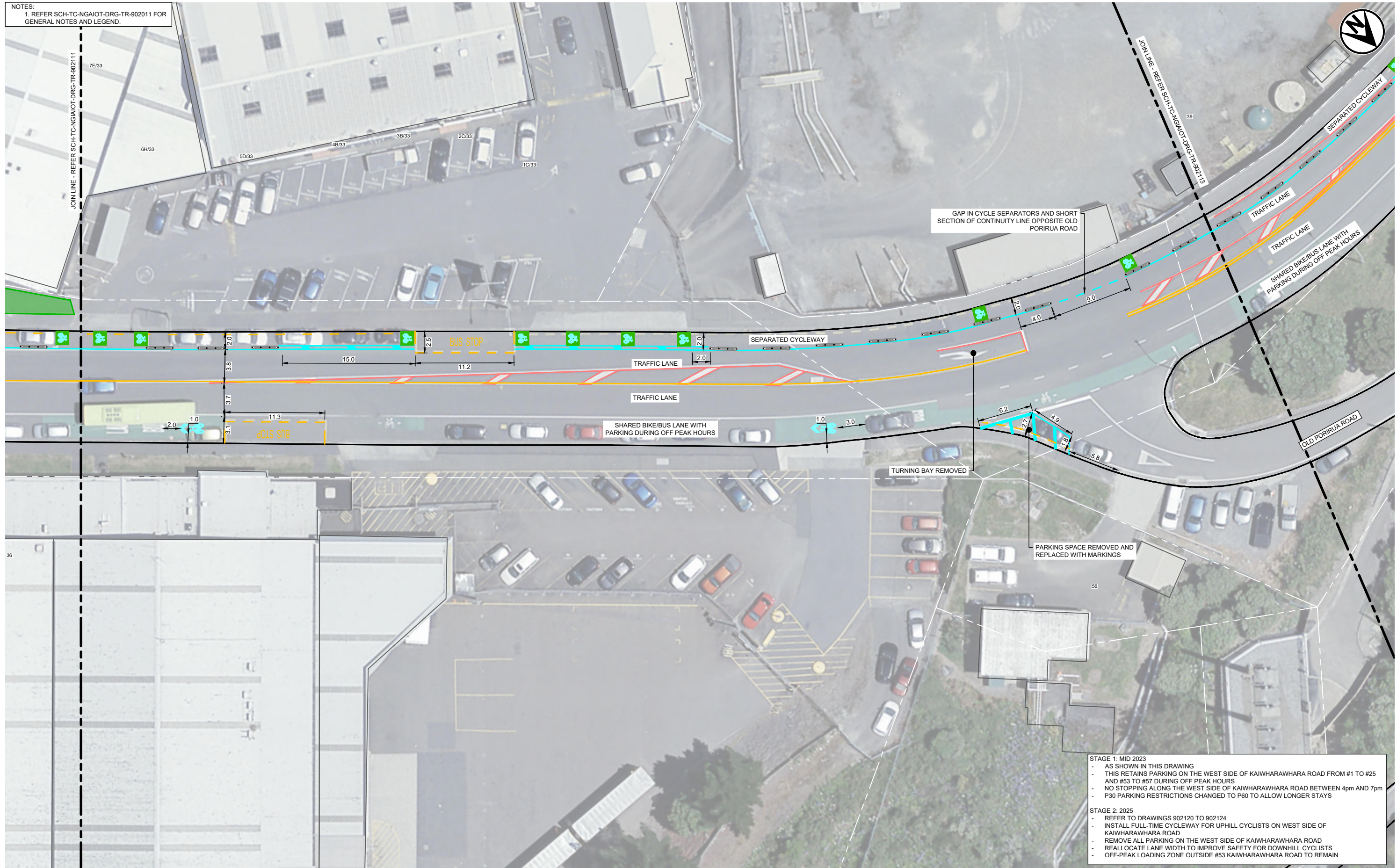
DRAWING STATUS: **FOR CONSTRUCTION**

APPROVED BY:	DESIGNED:	B.RODENBURG
A.HEAD	DES. CHECK:	A.HEAD
APPROVED DATE:	DRAWN:	C.LI
20/02/2023	DRG. CHECK:	H.BENDLE

CLIENT	ORIGINATOR	PROJECT:	TRANSITIONAL CYCLEWAYS NGAIOT TRANSITIONAL
		TITLE:	KAIWHARAWHARA ROAD GENERAL ARRANGMENT PLAN - STAGE 1 SHEET 2
LAST SAVED BY: CHLI(2023-03-02)	LAST PLOTTED: 2023-03-06	DOCUMENT:	SCH - TC - NGAIOT - DRG - TR - 902111
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GAP IN CYCLE SEPARATORS AND SHORT SECTION OF CONTINUITY LINE OPPOSITE OLD PORIRUA ROAD

SEPARATED CYCLEWAY

TRAFFIC LANE

TRAFFIC LANE

SHARED BIKE/BUS LANE WITH PARKING DURING OFF PEAK HOURS

SHARED BIKE/BUS LANE WITH PARKING DURING OFF PEAK HOURS

TURNING BAY REMOVED

PARKING SPACE REMOVED AND REPLACED WITH MARKINGS

STAGE 1: MID 2023

- AS SHOWN IN THIS DRAWING
- THIS RETAINS PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD FROM #1 TO #25 AND #53 TO #57 DURING OFF PEAK HOURS
- NO STOPPING ALONG THE WEST SIDE OF KAIWHARAWHARA ROAD BETWEEN 4pm AND 7pm
- P30 PARKING RESTRICTIONS CHANGED TO P60 TO ALLOW LONGER STAYS

STAGE 2: 2025

- REFER TO DRAWINGS 902120 TO 902124
- INSTALL FULL-TIME CYCLEWAY FOR UPHILL CYCLISTS ON WEST SIDE OF KAIWHARAWHARA ROAD
- REMOVE ALL PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD
- REALLOCATE LANE WIDTH TO IMPROVE SAFETY FOR DOWNHILL CYCLISTS
- OFF-PEAK LOADING ZONE OUTSIDE #53 KAIWHARAWHARA ROAD TO REMAIN

ORIGINAL SIZE: ISO A1 594mm x 841mm

CLIENT

Absolutely Positively Wellington City Council
Me Heke Ki Pōneke

ORIGINATOR

abley
Tonkin+Taylor Isthmus.

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C07	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023

SCALE: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC

DRAWING STATUS

FOR CONSTRUCTION

APPROVED BY:	DESIGNED:	B.RODENBURG
A.HEAD	DES. CHECK:	A.HEAD
APPROVED DATE:	DRAWN:	C.LI
20/02/2023	DRG. CHECK:	H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS
	NGAIOT TRANSITIONAL
TITLE:	KAIWHARAWHARA ROAD
	GENERAL ARRANGMENT PLAN - STAGE 1
	SHEET 3
DOCUMENT:	SCH - TC - NGAIOT - DRG - TR - 902112
	C07

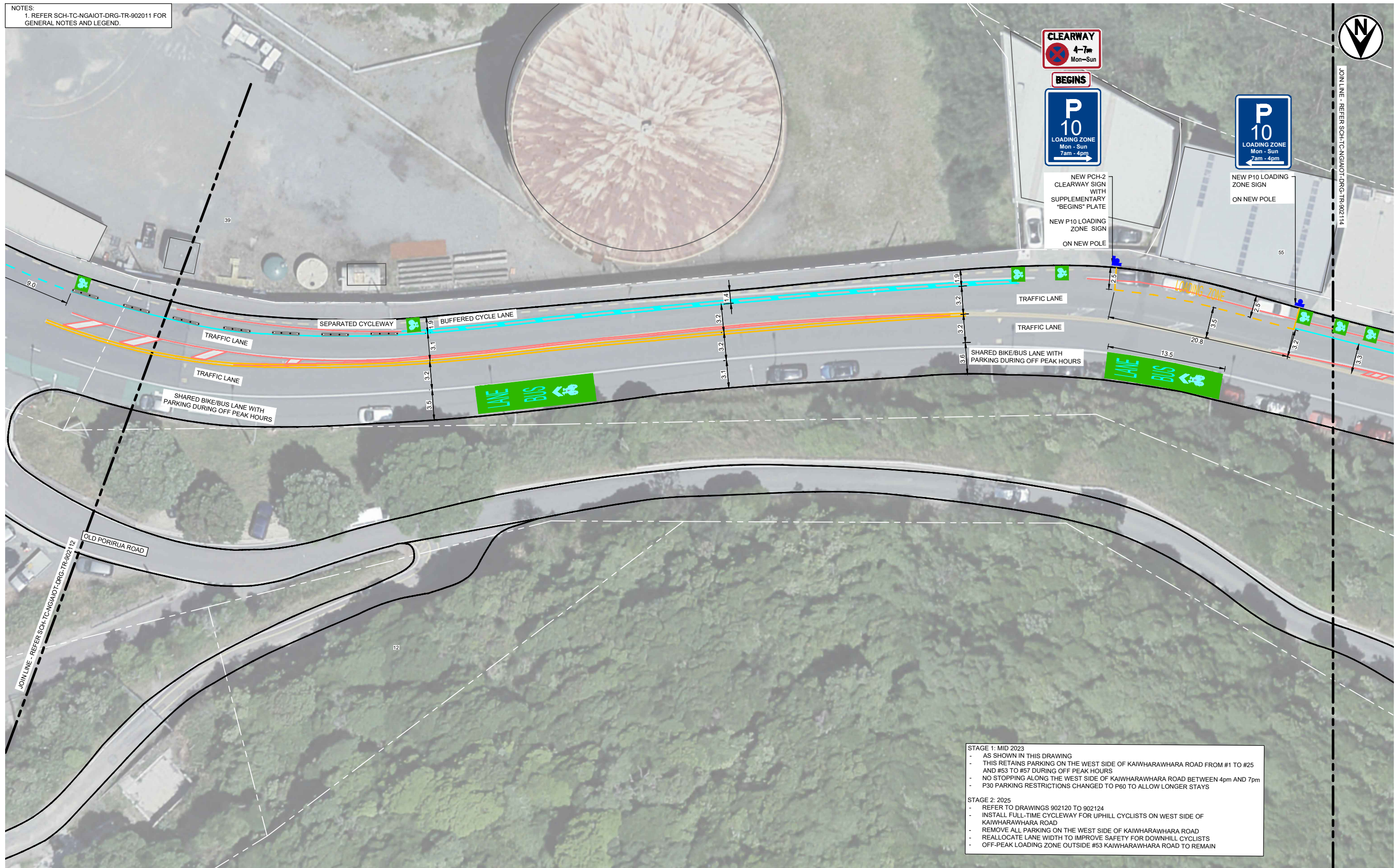
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NOTES:
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STAGE 1: MID 2023
 - AS SHOWN IN THIS DRAWING
 - THIS RETAINS PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD FROM #1 TO #25 AND #53 TO #57 DURING OFF PEAK HOURS
 - NO STOPPING ALONG THE WEST SIDE OF KAIWHARAWHARA ROAD BETWEEN #41 AND #7pm
 - P30 PARKING RESTRICTIONS CHANGED TO P60 TO ALLOW LONGER STAYS

STAGE 2: 2025
 - REFER TO DRAWINGS 902120 TO 902124
 - INSTALL FULL-TIME CYCLEWAY FOR UPHILL CYCLISTS ON WEST SIDE OF KAIWHARAWHARA ROAD
 - REMOVE ALL PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD
 - REALLOCATE LANE WIDTH TO IMPROVE SAFETY FOR DOWNHILL CYCLISTS
 - OFF-PEAK LOADING ZONE OUTSIDE #53 KAIWHARAWHARA ROAD TO REMAIN

300
200
150
100
50
0

CLIENT

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ORIGINATOR

abley
Tonkin+Taylor Isthmus.

REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022
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C07	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023

SCALE: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC
DRAWING STATUS	
FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: B.RODENBURG
A.HEAD	DES. CHECK: A.HEAD
APPROVED DATE:	DRAWN: C.LI
20/02/2023	DRG. CHECK: H.BENDLE

PROJECT: **TRANSITIONAL CYCLEWAYS**
NGAIO TRANSITIONAL

TITLE: **KAIWHARAWHARA ROAD**
GENERAL ARRANGMENT PLAN - STAGE 1
SHEET 4

DOCUMENT: SCH - TC - NGAIO T - DRG - TR - 902113 C07

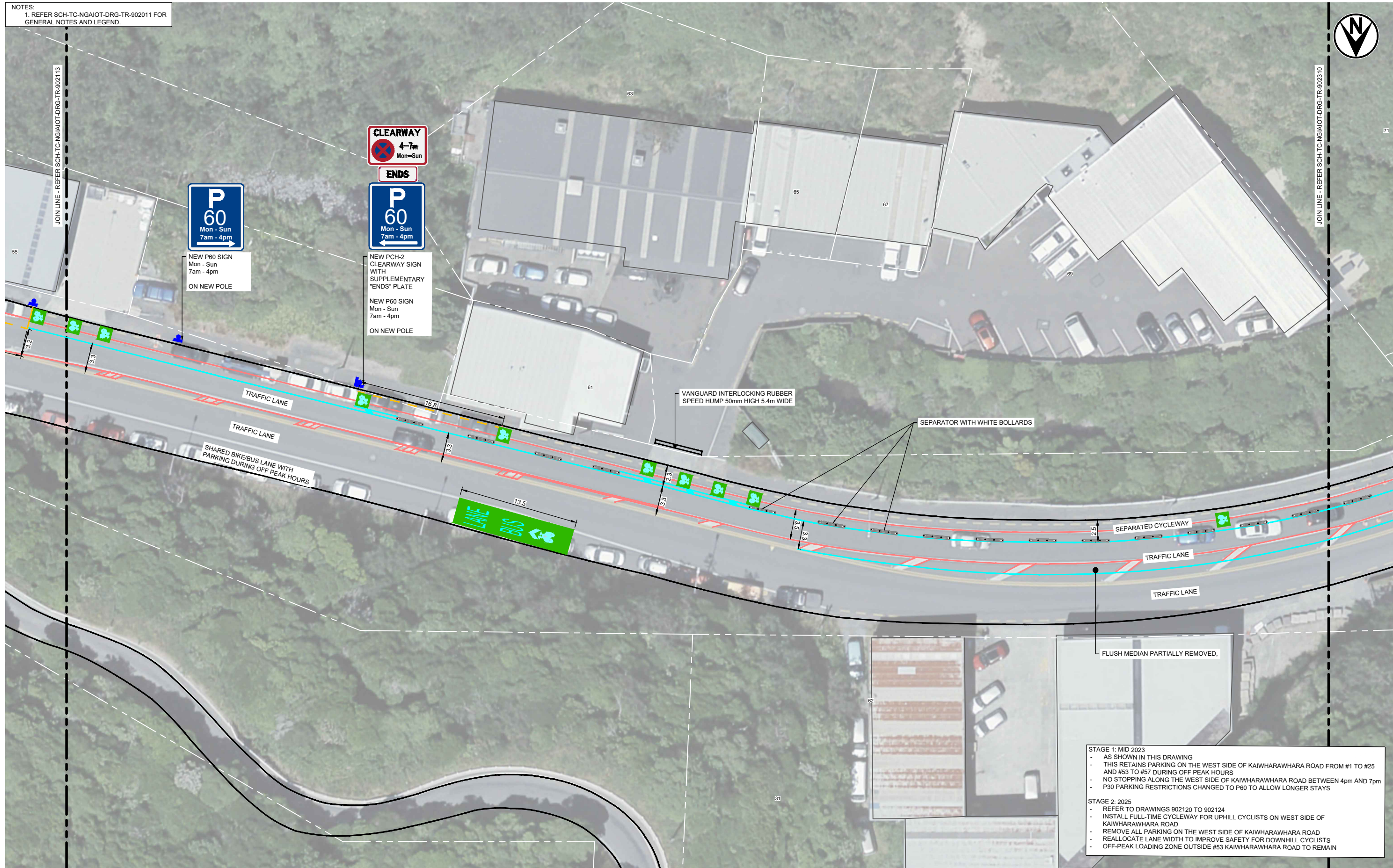
LAST SAVED BY: CHLI(2023-03-02) LAST PLOTTED: 2023-03-06

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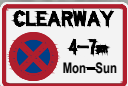
FILE LOCATION:

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NOTES:
1. REFER SCH-TC-NGAIOT-DRG-TR-902111 FOR GENERAL NOTES AND LEGEND.



NEW P60 SIGN
Mon - Sun
7am - 4pm
ON NEW POLE



ENDS



NEW PCH-2
CLEARWAY SIGN
WITH
SUPPLEMENTARY
"ENDS" PLATE

NEW P60 SIGN
Mon - Sun
7am - 4pm
ON NEW POLE

VANGUARD INTERLOCKING RUBBER
SPEED HUMP 50mm HIGH 5.4m WIDE

SEPARATOR WITH WHITE BOLLARDS

SEPARATED CYCLEWAY

TRAFFIC LANE

TRAFFIC LANE

SHARED BIKE/BUS LANE WITH
PARKING DURING OFF PEAK HOURS



STAGE 1: MID 2023
- AS SHOWN IN THIS DRAWING
- THIS RETAINS PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD FROM #1 TO #25 AND #53 TO #57 DURING OFF PEAK HOURS
- NO STOPPING ALONG THE WEST SIDE OF KAIWHARAWHARA ROAD BETWEEN 4pm AND 7pm
- P30 PARKING RESTRICTIONS CHANGED TO P60 TO ALLOW LONGER STAYS

STAGE 2: 2025
- REFER TO DRAWINGS 902120 TO 902124
- INSTALL FULL-TIME CYCLEWAY FOR UPHILL CYCLISTS ON WEST SIDE OF KAIWHARAWHARA ROAD
- REMOVE ALL PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD
- REALLOCATE LANE WIDTH TO IMPROVE SAFETY FOR DOWNHILL CYCLISTS
- OFF-PEAK LOADING ZONE OUTSIDE #53 KAIWHARAWHARA ROAD TO REMAIN

ORIGINAL SIZE: ISO A1 594mm x 841mm

CLIENT

Me Heke Ki Pōneke

ORIGINATOR

REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022
C03	TRAFFIC RESOLUTION ISSUE	C.LI	J.WARD	07/10/2022
C04	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	21/10/2022
C05	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	28/10/2022
C06	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C07	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023

DESIGN STAGE	GATE
DETAILED DESIGN	IFC

DRAWING STATUS	
FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: B.RODENBURG
A.HEAD	DES. CHECK: A.HEAD
APPROVED DATE:	DRAWN: C.LI
20/02/2023	DRG. CHECK: H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS	
	NGAIOT TRANSITIONAL	
TITLE:	KAIWHARAWHARA ROAD	
	GENERAL ARRANGMENT PLAN - STAGE 1	
	SHEET 5	
DOCUMENT:	SCH - TC - NGAIOT - DRG - TR - 902114	C07

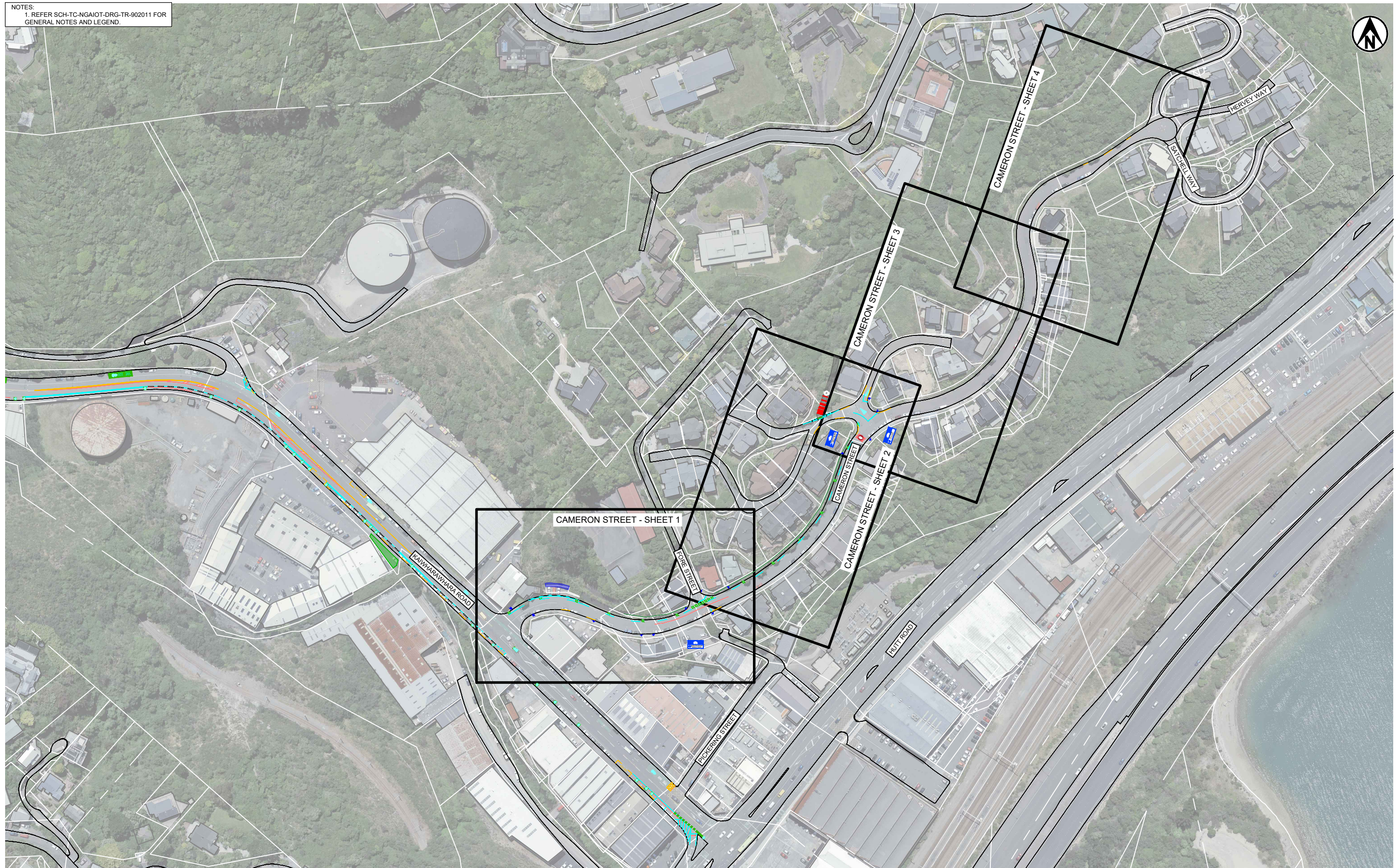
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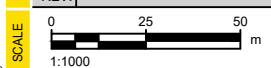


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ORIGINATOR



REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	30% DETAILED DESIGN	C.LI	A.HEAD	25/07/2022
C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022
C03	TRAFFIC RESOLUTION ISSUE	C.LI	J.WARD	07/10/2022
C04	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	21/10/2022
C05	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C06	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023



DESIGN STAGE	GATE
DETAILED DESIGN	IFC
DRAWING STATUS	
FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: S.RODENBURG
A.HEAD	DES. CHECK: A.HEAD
APPROVED DATE:	DRAWN: C.LI
20/02/2023	DRG. CHECK: H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS	
	NGAIO TRANSITIONAL	
TITLE:	CAMERON STREET	
	SECTION COVERSHEET	
DOCUMENT:	SCH - TC - NGAIoT - DRG - TR - 902200	C06

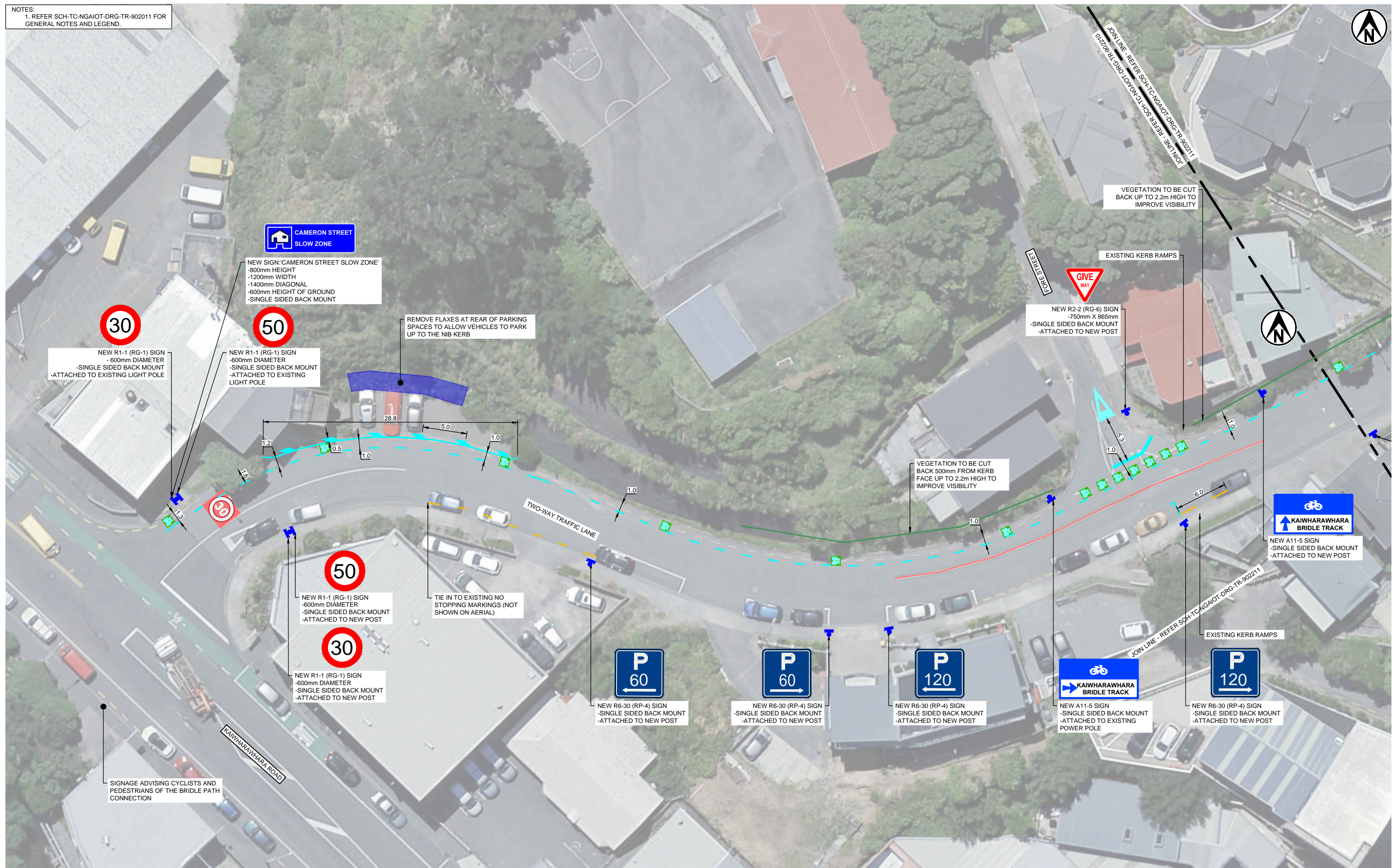
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ORIGINAL SIZE: ISO A1 594mm x 841mm
300
200
150
100
50
0

CLIENT

Me Heke Ki Pōneke

ORIGINATOR

REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022
C03	TRAFFIC RESOLUTION ISSUE	C.LI	J.WARD	07/10/2022
C04	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	21/10/2022
C05	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C06	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023
C07	POST IMPLEMENTATION	V.MARGRAFF	C.CASSIDY	13/10/2023

DESIGN STAGE	GATE
DETAILED DESIGN	IFC

DRAWING STATUS	
FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: S.RODENBURG
C.CASSIDY	DES. CHECK: C.CASSIDY
APPROVED DATE:	DRAWN: V.MARGRAFF
13/10/2023	DRG. CHECK: S.RODENBURG

PROJECT:	TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL			
TITLE:	CAMERON STREET GENERAL ARRANGMENT PLAN SHEET 1			
DOCUMENT:	SCH - TC - NGAIoT - DRG - TR - 902210	C07	ORIGINATOR	PROJECT
	WORK STREAM	TYPE	DISCIPLINE	SHEET
				REVISION

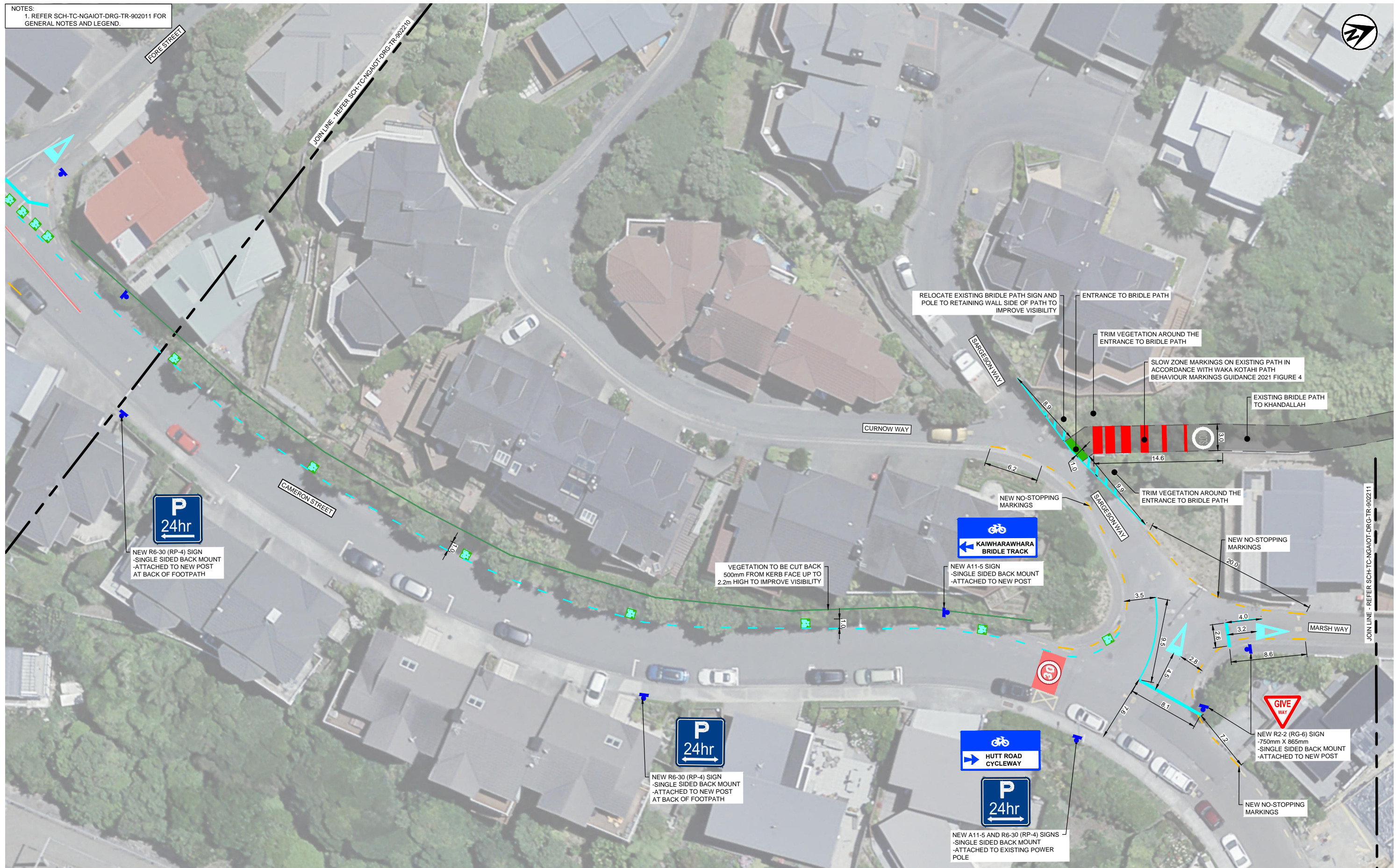
LAST SAVED BY: VEMA(2023-10-11) LAST PLOTTED: 2023-10-11

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ORIGINAL SIZE: ISO A1 594mm x 841mm
300
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JOIN LINE - REFER SCH-TC-NGAIOT-DRG-TR-902211

CLIENT

Me Heke Ki Pōneke

ORIGINATOR

Isthmus.

REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022
C03	TRAFFIC RESOLUTION ISSUE	C.LI	J.WARD	07/10/2022
C04	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	21/10/2022
C05	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C06	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023
C07	POST IMPLEMENTATION	V.MARGRAFF	C.CASSIDY	13/10/2023

DESIGN STAGE	GATE
DETAILED DESIGN	IFC

DRAWING STATUS	
FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: S.RODENBURG
C.CASSIDY	DES. CHECK: C.CASSIDY
APPROVED DATE:	DRAWN: V.MARGRAFF
13/10/2023	DRG. CHECK: S.RODENBURG

PROJECT:	TRANSITIONAL CYCLEWAYS NGAIOT TRANSITIONAL	
TITLE:	CAMERON STREET GENERAL ARRANGEMENT PLAN SHEET 2	
ORIGINATOR	PROJECT	WORK STREAM
SCH - TC - NGAIoT - DRG - TR - 902211	C07	

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ORIGINAL SIZE: ISO A1 594mm x 841mm
300
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JOIN LINE - REFER SCH-TC-NGAIOT-DRG-TR-902213

CLIENT

ORIGINATOR

REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	21/10/2022
C02	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C03	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023
C04	POST IMPLEMENTATION	V.MARGRAFF	C.CASSIDY	13/10/2023

SCALE: 1:200

DRAWING SCALE @ A1: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC
DRAWING STATUS	
FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: S.RODENBURG
C.CASSIDY	DES. CHECK: C.CASSIDY
APPROVED DATE:	DRAWN: V.MARGRAFF
13/10/2023	DRG. CHECK: S.RODENBURG

PROJECT:	TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL	
TITLE:	CAMERON STREET GENERAL ARRANGMENT PLAN SHEET 3	
DOCUMENT:	SCH - TC - NGAIO T - DRG - TR - 902212	REVISION: C04

LAST SAVED BY: VEMA(2023-10-11) LAST PLOTTED: 2023-10-16

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NOTES:
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NEW R6-30 (RP-4) SIGN
-SINGLE SIDED BACK MOUNT
-ATTACHED TO NEW POST

NEW R6-30 (RP-4) SIGN
-SINGLE SIDED BACK MOUNT
-ATTACHED TO NEW POST
AT BACK OF FOOTPATH

NEW R6-30 (RP-4) SIGN
-SINGLE SIDED BACK MOUNT
-ATTACHED TO NEW POST

NEW R6-30 (RP-4) SIGN
-SINGLE SIDED BACK MOUNT
-ATTACHED TO NEW POST

NEW NO-STOPPING
MARKINGS

JOIN LINE - REFER SCH-TC-NGAIOT-DRG-TR-902012

ORIGINAL SIZE: ISO A1 594mm x 841mm

300
200
150
100

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CLIENT

ORIGINATOR



REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	TRAFFIC RESOLUTION ISSUE UPDATE TO STAGING	C.LI	A.HEAD	21/10/2022
C02	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C03	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023
C04	POST IMPLEMENTATION	V.MARGRAFF	RODENBURG	13/10/2023

SCALE: 1:200

DRAWING SCALE @ A1: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC

DRAWING STATUS: **FOR CONSTRUCTION**

APPROVED BY:	DESIGNED:	S.RODENBURG
A.HEAD	DES. CHECK:	S.RODENBURG
APPROVED DATE:	DRAWN:	V.MARGRAFF
13/10/2023	DRG. CHECK:	S.RODENBURG

PROJECT:	TRANSITIONAL CYCLEWAYS			
	NGAIO TRANSITIONAL			
TITLE:	CAMERON STREET GENERAL ARRANGMENT PLAN SHEET 4			
DOCUMENT:	SCH - TC - NGAIoT - DRG - TR - 902213	C04		

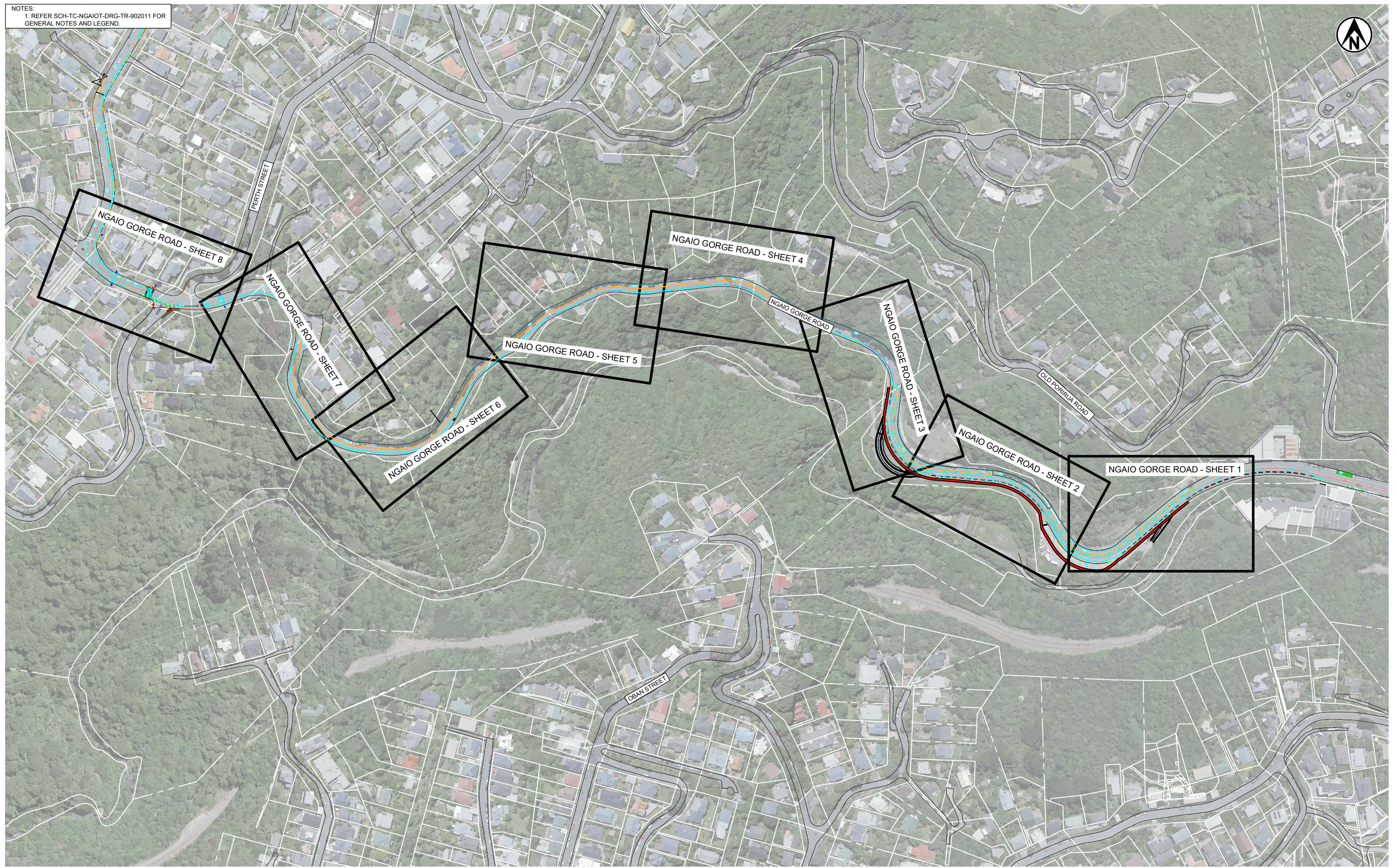
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CLIENT ORIGINATOR



REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	30% DETAILED DESIGN	C.LI	A.HEAD	25/07/2022
C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022
C03	TRAFFIC RESOLUTION ISSUE	C.LI	J.WARD	07/10/2022
C04	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C05	ISSUE FOR CONSTRUCTION	C.LI	R.DUNN	03/03/2023

0	37.5	75	m
DRAWING SCALE: 1:1500			

DESIGN STAGE	GATE
DETAILED DESIGN	IFC
DRAWING STATUS	
FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: S.RODENBURG
R.DUNN	DES. CHECK: R.DUNN
APPROVED DATE:	DRAWN: C.LI
03/03/2023	DRG. CHECK: H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS			
	NGAIO TRANSITIONAL			
TITLE:	NGAIO GORGE ROAD SECTION COVERSHEET			
DOCUMENT:	SCH - TC - NGAIOT - DRG - TR - 902300	SHEET	C05	REVISION

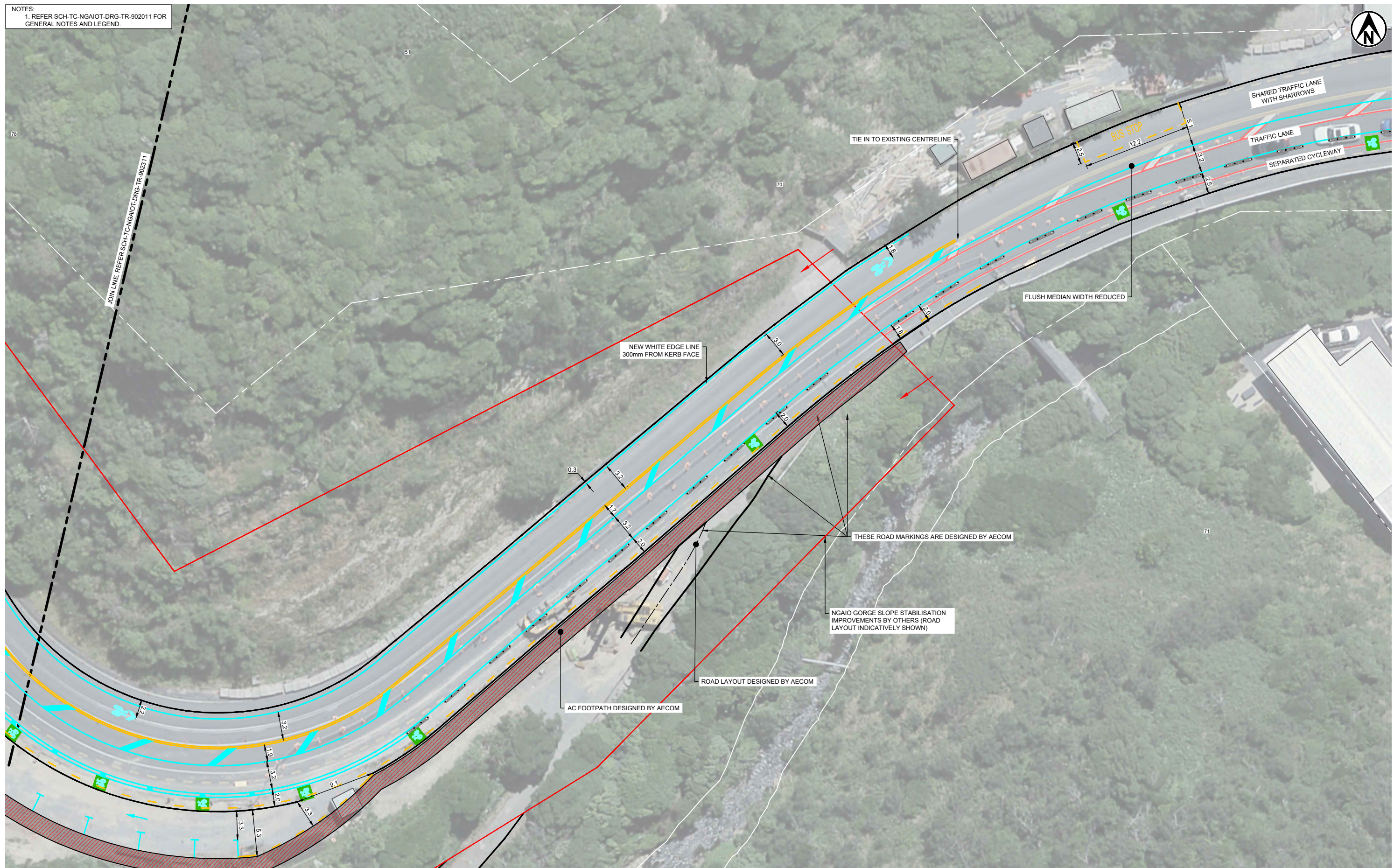
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ORIGINAL SIZE: ISO A1 594mm x 841mm
300
200
150
100
50
30
10
0

CLIENT

Absolutely Positively
Wellington City Council
Me Heke Ki Pōneke

ORIGINATOR

abley
Tonkin+Taylor Isthmus.

REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	30% DETAILED DESIGN	C.LI	C.LI	25/07/2022
C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022
C03	TRAFFIC RESOLUTION ISSUE	C.LI	J.WARD	07/10/2022
C04	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C05	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023

SCALE: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC

DRAWING STATUS: **FOR CONSTRUCTION**

APPROVED BY:	DESIGNED:	GATE:
A.HEAD	S.RODENBURG	IFC
APPROVED DATE:	DRAWN:	DRG. CHECK:
20/02/2023	C.LI	H.BENDLE

PROJECT:	TITLE:	DOCUMENT:
TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL	NGAIO GORGE ROAD GENERAL ARRANGEMENT PLAN SHEET 1	SCH - TC - NGAIOT - DRG - TR - 902310
ORIGINATOR	PROJECT	WORK STREAM
TYPE	DISCIPLINE	SHEET
REVISION		

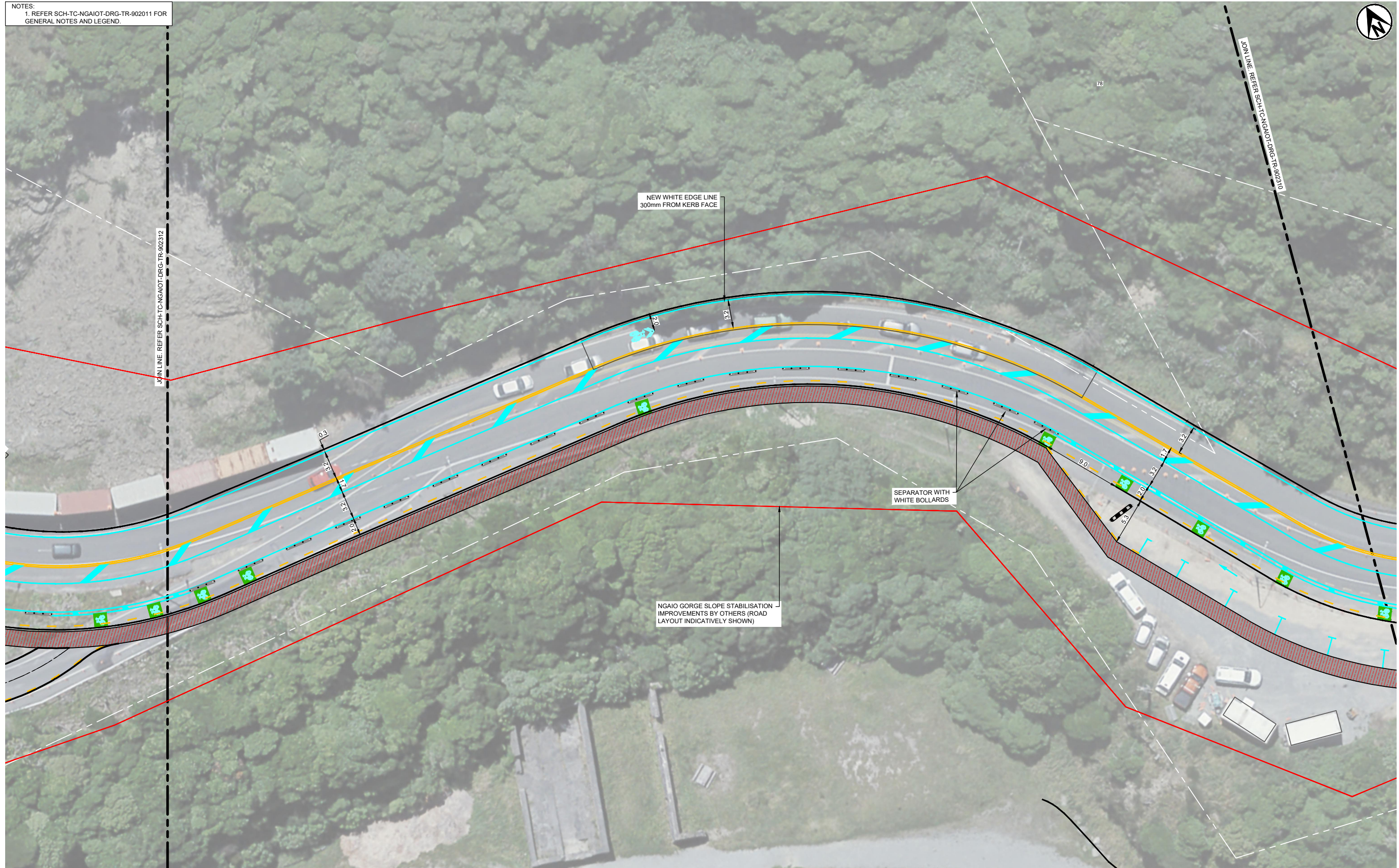
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ORIGINATOR



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C01	30% DETAILED DESIGN	C.LI	C.LI	25/07/2022
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C04	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C05	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023

SCALE	1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC
DRAWING STATUS	
FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: S.RODENBURG
A.HEAD	DES. CHECK: A.HEAD
APPROVED DATE:	DRAWN: C.LI
20/02/2023	DRG. CHECK: H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL
TITLE:	NGAIO GORGE ROAD GENERAL ARRANGEMENT PLAN SHEET 2
DOCUMENT:	SCH - TC - NGAIOT - DRG - TR - 902311 C05

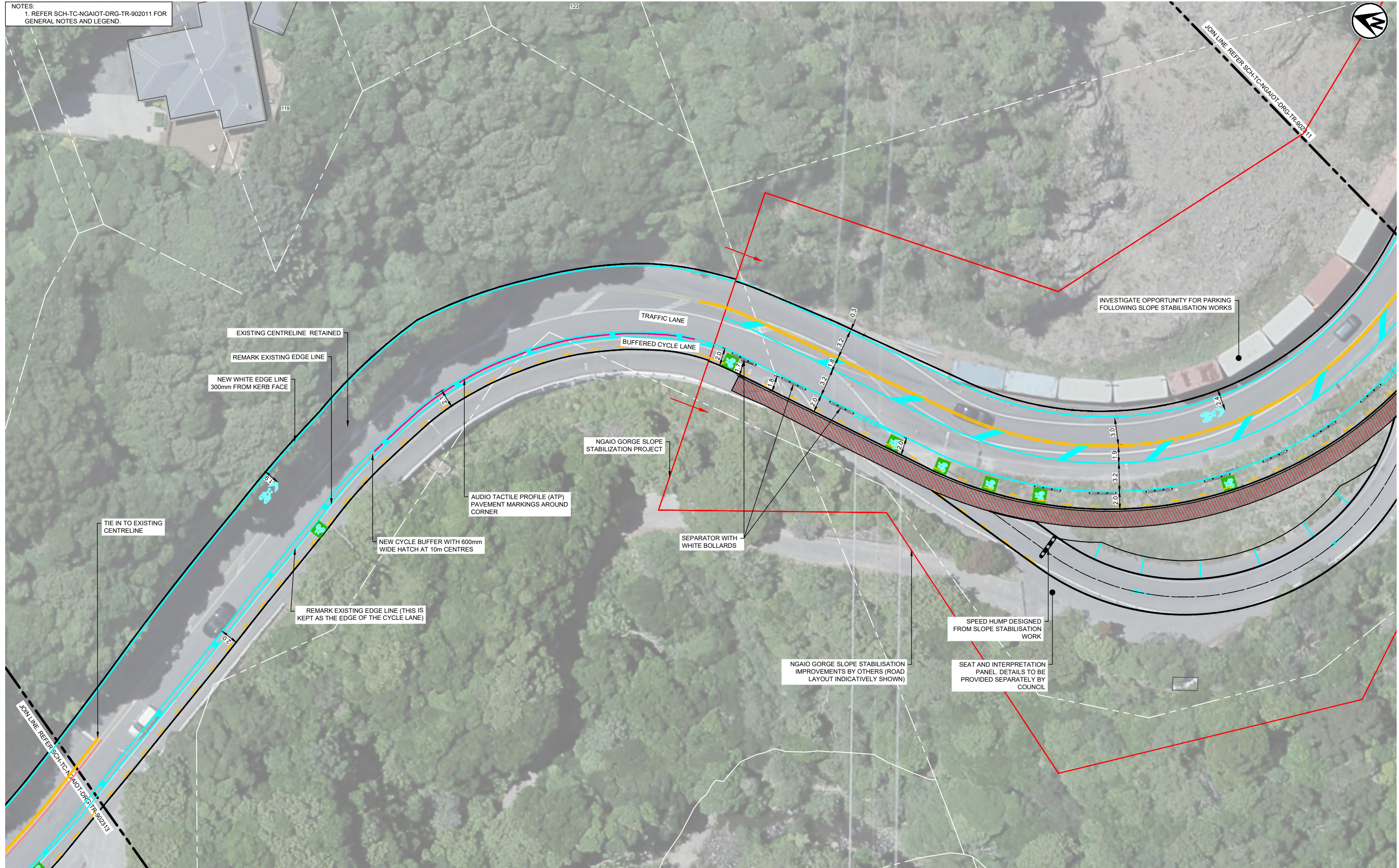
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NOTES:
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ORIGINAL SIZE: ISO A1 594mm x 841mm

CLIENT



Absolutely Positively
Wellington City Council
Me Heke Ki Pōneke

ORIGINATOR



abley
Tonkin+Taylor Isthmus.

REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	30% DETAILED DESIGN	C.LI	C.LI	25/07/2022
C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022
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C04	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C05	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023

SCALE	0	5	10	m
1:200				

DESIGN STAGE	GATE
DETAILED DESIGN	IFC

DRAWING STATUS	
FOR CONSTRUCTION	

APPROVED BY:	DESIGNED:	DESIGNED BY:
A.HEAD	S.RODENBURG	S.RODENBURG
APPROVED DATE:	DES. CHECK:	DRAWN:
20/02/2023	A.HEAD	C.LI
	DRG. CHECK:	H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL	
TITLE:	NGAIO GORGE ROAD GENERAL ARRANGEMENT PLAN SHEET 3	
DOCUMENT:	SCH - TC - NGAIOT - DRG - TR - 902312	C05

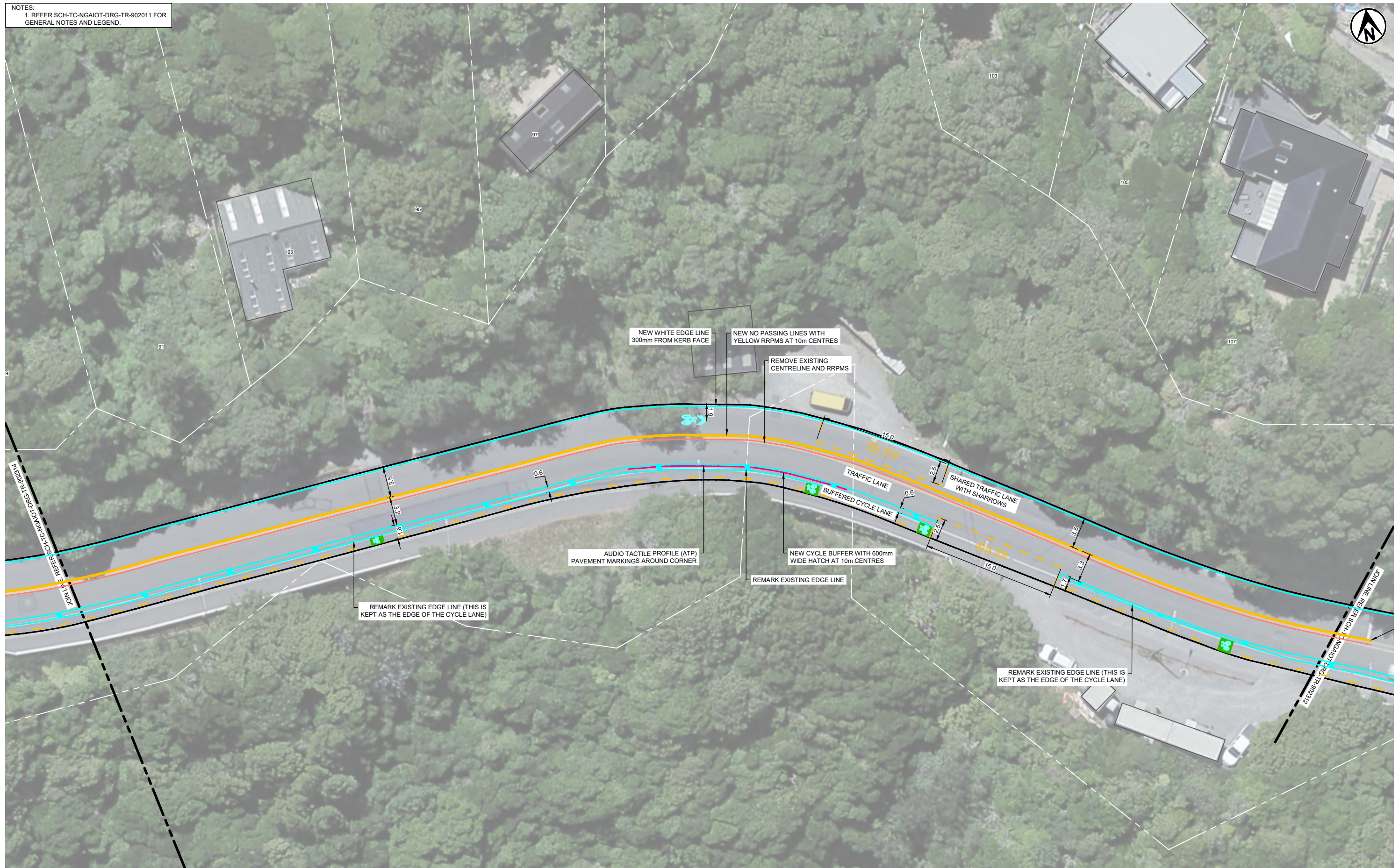
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ORIGINAL SIZE: ISO A1 594mm x 841mm

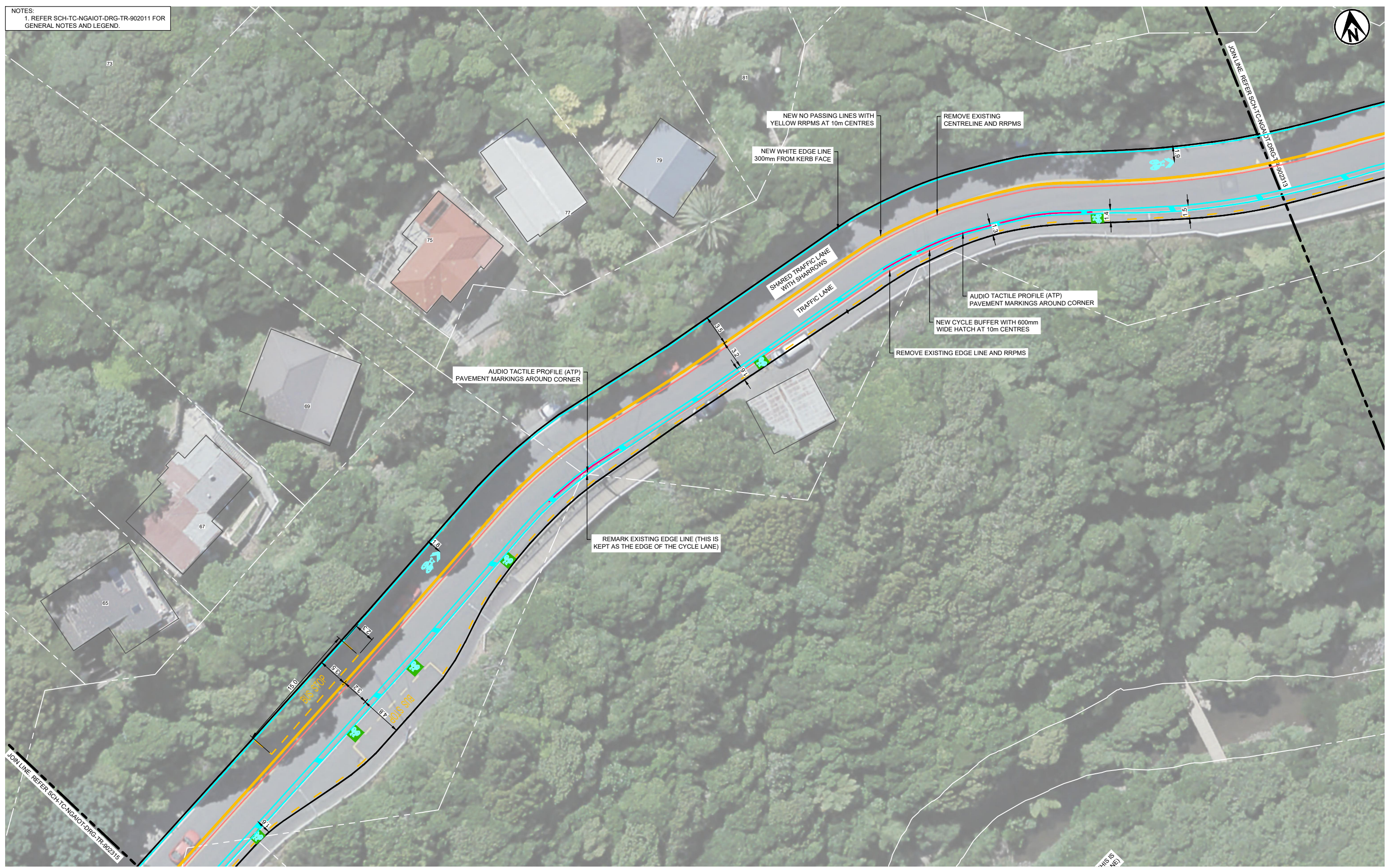


0 10 20 30 40 50 100 150 200 300

CLIENT		ORIGINATOR		DESIGN STAGE		GATE		PROJECT:																																									
				DETAILED DESIGN		IFC		TRANSITIONAL CYCLEWAYS NGAIOT TRANSITIONAL																																									
ABSOLUTELY POSITIVELY Wellington City Council Me Heke Ki Pōneke		 		<table border="1"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DRAWN BY</th> <th>APRVD. BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>C01</td> <td>30% DETAILED DESIGN</td> <td>C.LI</td> <td>C.LI</td> <td>25/07/2022</td> </tr> <tr> <td>C02</td> <td>90% DETAILED DESIGN</td> <td>C.LI</td> <td>A.HEAD</td> <td>09/09/2022</td> </tr> <tr> <td>C03</td> <td>TRAFFIC RESOLUTION ISSUE</td> <td>C.LI</td> <td>J.WARD</td> <td>07/10/2022</td> </tr> <tr> <td>C04</td> <td>ISSUE FOR CONSTRUCTION</td> <td>C.LI</td> <td>A.HEAD</td> <td>20/01/2023</td> </tr> <tr> <td>C05</td> <td>ISSUE FOR CONSTRUCTION</td> <td>C.LI</td> <td>A.HEAD</td> <td>20/02/2023</td> </tr> </tbody> </table>		REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE	C01	30% DETAILED DESIGN	C.LI	C.LI	25/07/2022	C02	90% DETAILED DESIGN	C.LI	A.HEAD	09/09/2022	C03	TRAFFIC RESOLUTION ISSUE	C.LI	J.WARD	07/10/2022	C04	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023	C05	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023	<table border="1"> <thead> <tr> <th colspan="2">DRAWING STATUS</th> </tr> </thead> <tbody> <tr> <td>APPROVED BY:</td> <td>DESIGNED: S.RODENBURG</td> </tr> <tr> <td>A.HEAD</td> <td>DES. CHECK: A.HEAD</td> </tr> <tr> <td>APPROVED DATE:</td> <td>DRAWN: C.LI</td> </tr> <tr> <td>20/02/2023</td> <td>DRG. CHECK: H.BENDLE</td> </tr> </tbody> </table>		DRAWING STATUS		APPROVED BY:	DESIGNED: S.RODENBURG	A.HEAD	DES. CHECK: A.HEAD	APPROVED DATE:	DRAWN: C.LI	20/02/2023	DRG. CHECK: H.BENDLE	TITLE: NGAIOT GORGE ROAD GENERAL ARRANGEMENT PLAN SHEET 4	
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LAST SAVED BY: CHLI(2023-03-06) LAST PLOTTED: 2023-03-06 FILE LOCATION:		SCALE: 1:200 		DRAWING INFORMATION:		DRAWING INFORMATION:		DOCUMENT: SCH - TC - NGAIOT - DRG - TR - 902313 C05																																									

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NOTES:
1. REFER SCH-TC-NGAIOT-DRG-TR-902314 FOR GENERAL NOTES AND LEGEND.



ORIGINAL SIZE: ISO A1 594mm x 841mm
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C04	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023
C05	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023

SCALE	0 5 10 m
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DESIGN STAGE	GATE
DETAILED DESIGN	IFC

DRAWING STATUS	
FOR CONSTRUCTION	

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APPROVED DATE:	DRAWN:	C.LI
20/02/2023	DRG. CHECK:	H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS			
	NGAIO TRANSITIONAL			
TITLE:	NGAIO GORGE ROAD			
	GENERAL ARRANGEMENT PLAN			
	SHEET 5			
DOCUMENT:	SCH - TC - NGAIoT - DRG - TR - 902314	SHEET	C05	REVISION

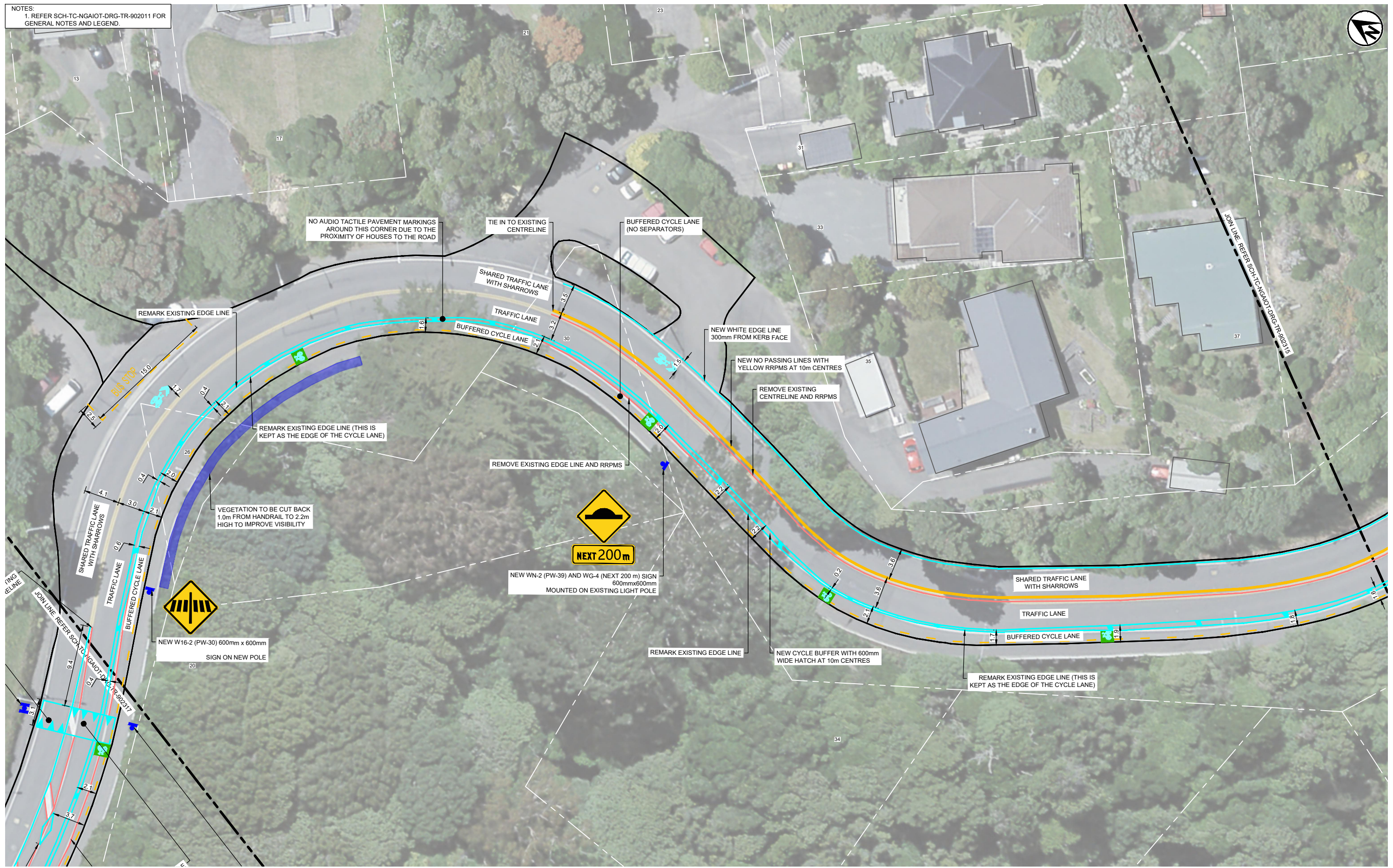
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NOTES:
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ORIGINAL SIZE: ISO A1 594mm x 841mm

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CLIENT	ORIGINATOR
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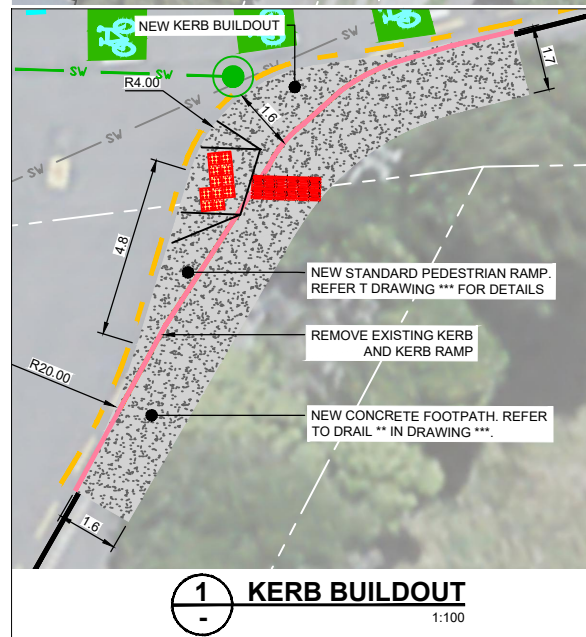
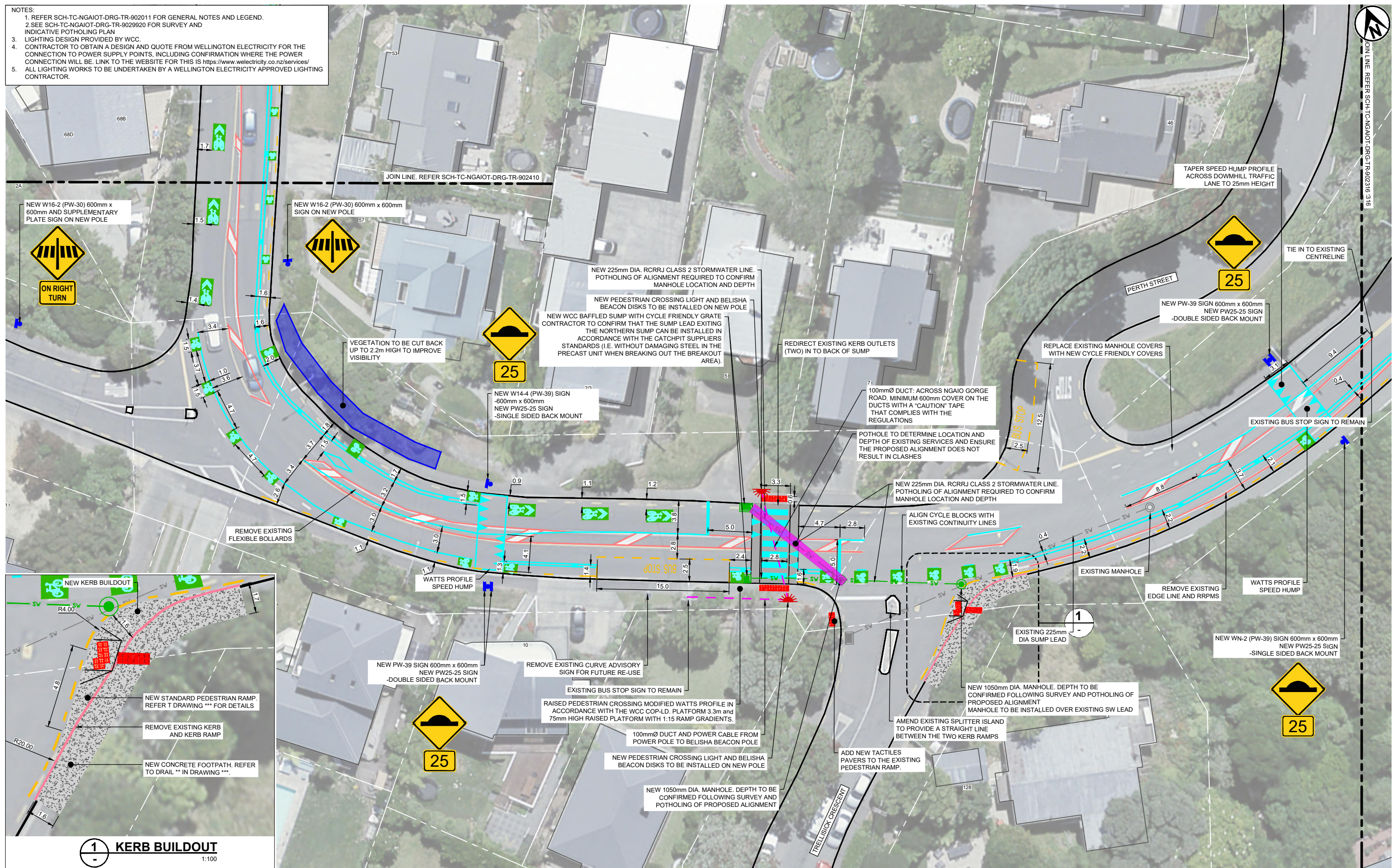
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DESIGN STAGE	GATE
DETAILED DESIGN	IFC
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FOR CONSTRUCTION	
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A.HEAD	DES. CHECK: A.HEAD
APPROVED DATE:	DRAWN: C.LI
20/02/2023	DRG. CHECK: H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS	
	NGAIO TRANSITIONAL	
TITLE:	NGAIO GORGE ROAD	
	GENERAL ARRANGMENT PLAN	
	SHEET 7	
DOCUMENT:	SCH - TC - NGAIoT - DRG - TR - 902316	C05

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NOTES:
 1. REFER SCH-TC-NGAIOT-DRG-TR-902011 FOR GENERAL NOTES AND LEGEND.
 2. SEE SCH-TC-NGAIOT-DRG-TR-902920 FOR SURVEY AND INDICATIVE POTHOLOG PLAN.
 3. LIGHTING DESIGN PROVIDED BY WCC.
 4. CONTRACTOR TO OBTAIN A DESIGN AND QUOTE FROM WELLINGTON ELECTRICITY FOR THE CONNECTION TO POWER SUPPLY POINTS, INCLUDING CONFIRMATION WHERE THE POWER CONNECTION WILL BE. LINK TO THE WEBSITE FOR THIS IS <https://www.wellington.govt.nz/services/>
 5. ALL LIGHTING WORKS TO BE UNDERTAKEN BY A WELLINGTON ELECTRICITY APPROVED LIGHTING CONTRACTOR.



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C05	ISSUE FOR CONSTRUCTION	C.LI	R.DUNN	03/03/2023
C06	ISSUE FOR CONSTRUCTION	C.LI	B.RODENBURG	29/06/2023

SCALE: 0 5 10 m
1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC

FOR CONSTRUCTION

APPROVED BY:	DESIGNED:	DES. CHECK:
B.RODENBURG	B.RODENBURG	C.CASSIDY
APPROVED DATE:	DRAWN:	DRG. CHECK:
29/06/2023	C.LI	H.BENDLE

CLIENT	ORIGINATOR	PROJECT:	DOCUMENT:
Absolutely Positively Wellington City Council	Abley	TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL	SCH - TC - NGAIoT - DRG - TR - 902317
	Tonkin+Taylor Isthmus.	NGAIO GORGE ROAD GENERAL ARRANGEMENT	C06
		SHEET 8	

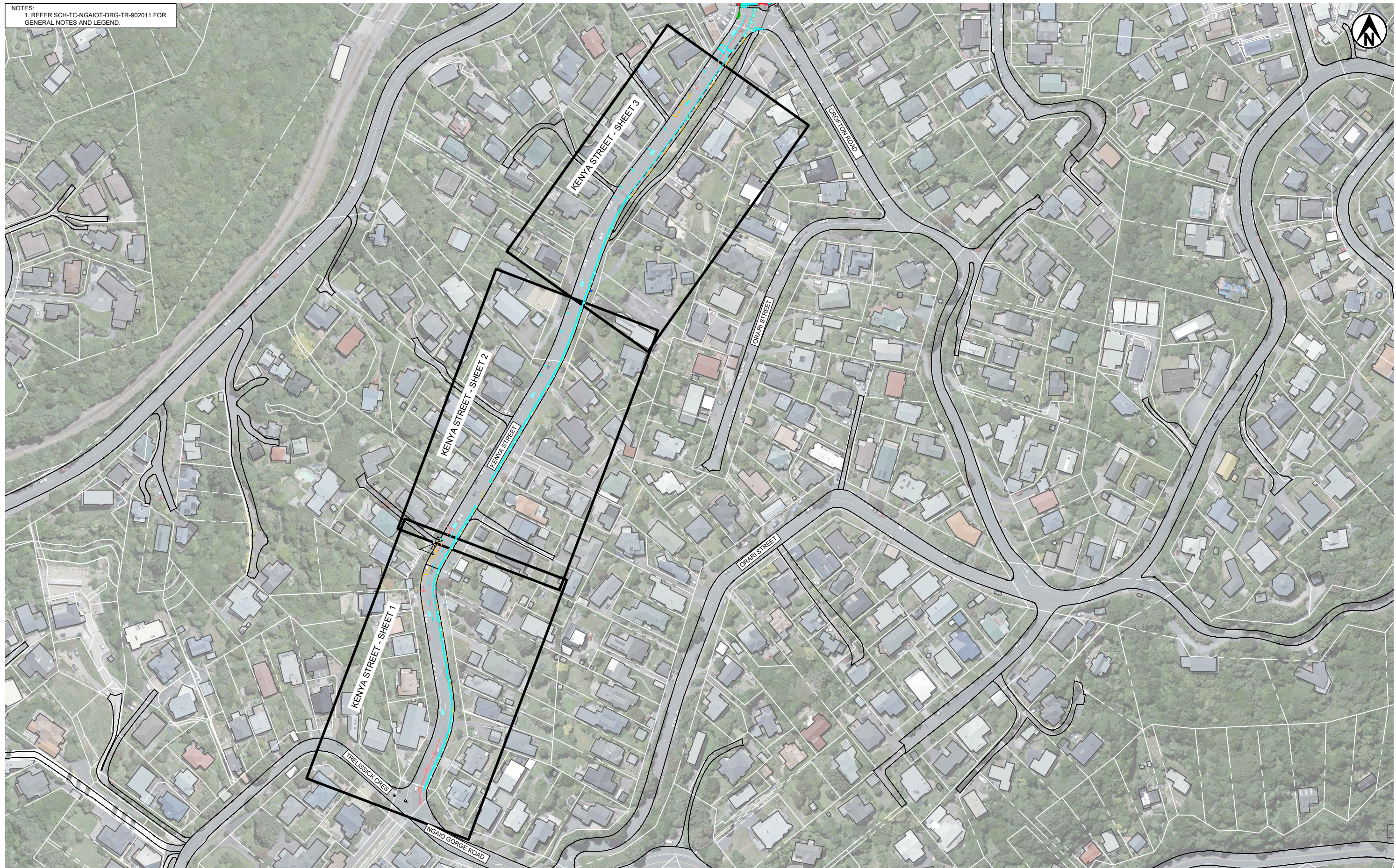
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C03	TRAFFIC RESOLUTION ISSUE	C.LI	J.WARD	07/10/2022
C04	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/01/2023

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SCALE: 1:1000			

DESIGN STAGE	GATE
DETAILED DESIGN	IFC
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FOR CONSTRUCTION	
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APPROVED DATE:	DRAWN: C.LI
20/01/2023	DRG. CHECK: H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS	
	NGAIO TRANSITIONAL	
TITLE:	KENYA STREET SECTION COVERSHEET	
DOCUMENT:	SCH - TC - NGAIO T - DRG - TR - 902400	C04

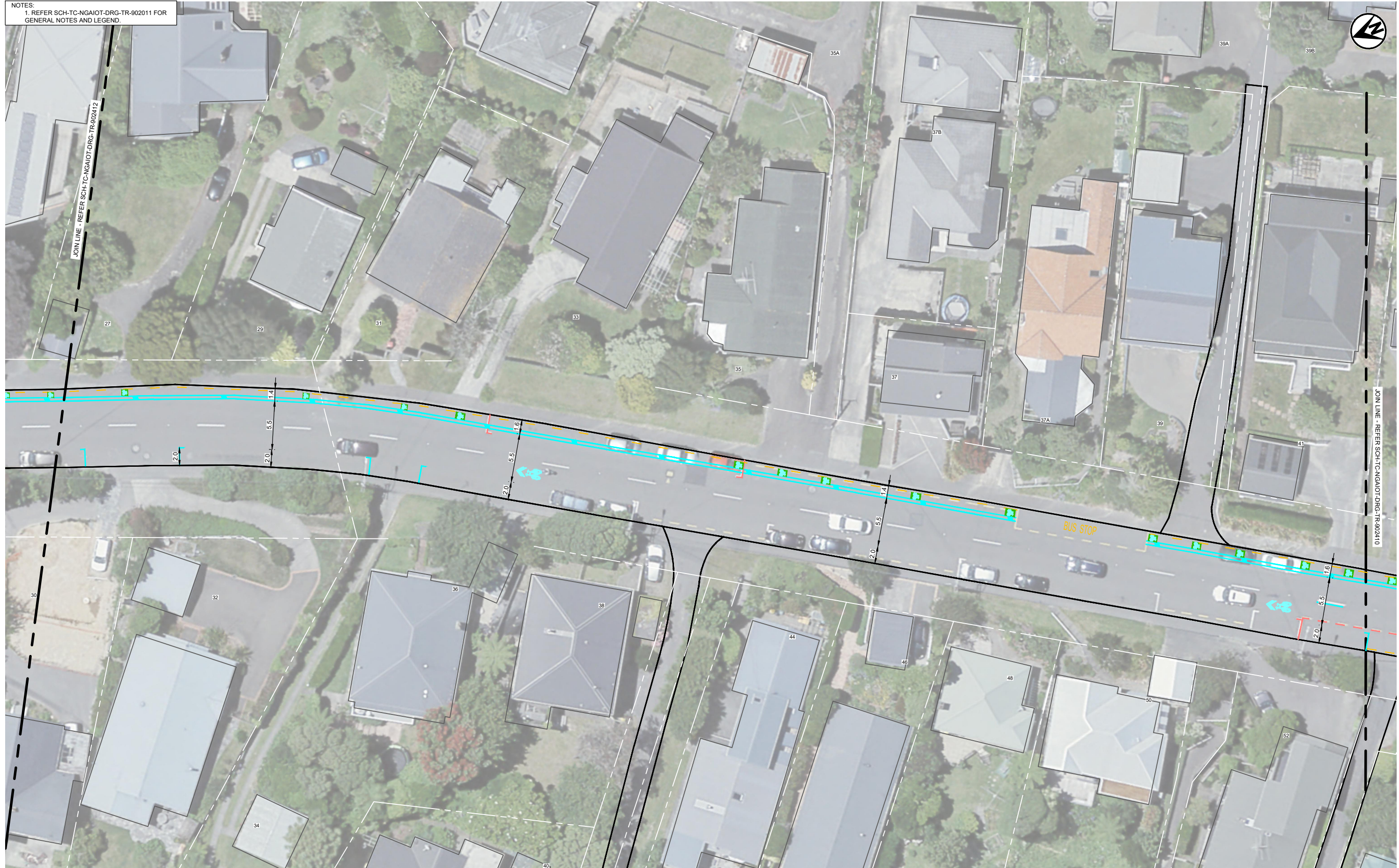
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ORIGINAL SIZE: ISO A1 594mm x 841mm

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ORIGINATOR



abley
Tonkin+Taylor Isthmus.

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SCALE	0 5 10 m
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DESIGN STAGE	GATE
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APPROVED BY:	DESIGNED: S.RODENBURG
A.HEAD	DES. CHECK: A.HEAD
APPROVED DATE:	DRAWN: C.LI
20/01/2023	DRG. CHECK: H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL	
TITLE:	KENYA STREET GENERAL ARRANGEMENT SHEET 2	
DOCUMENT:	SCH - TC - NGAIO T - DRG - TR - 902411	C04

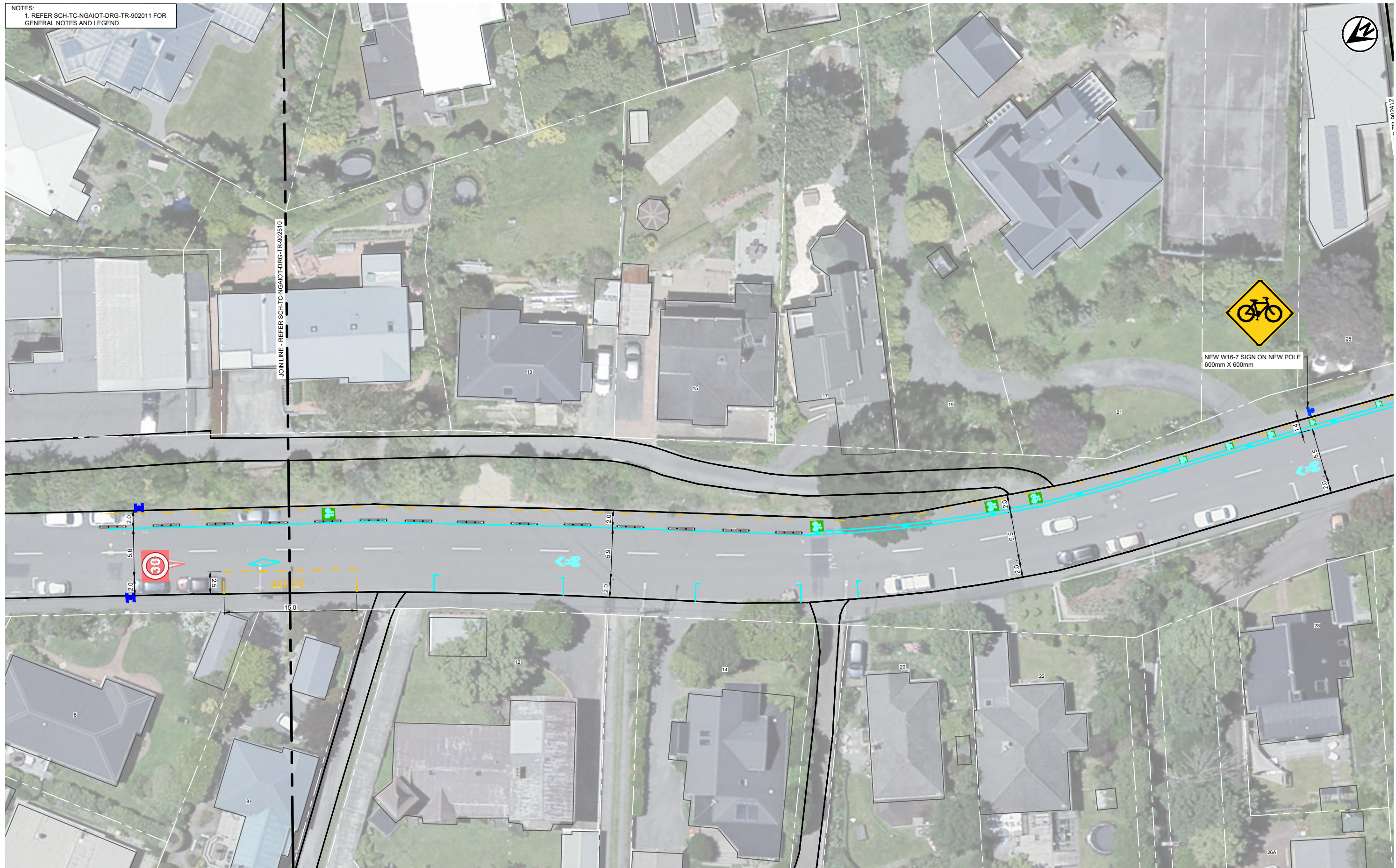
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ORIGINAL SIZE: ISO A1 594mm x 841mm

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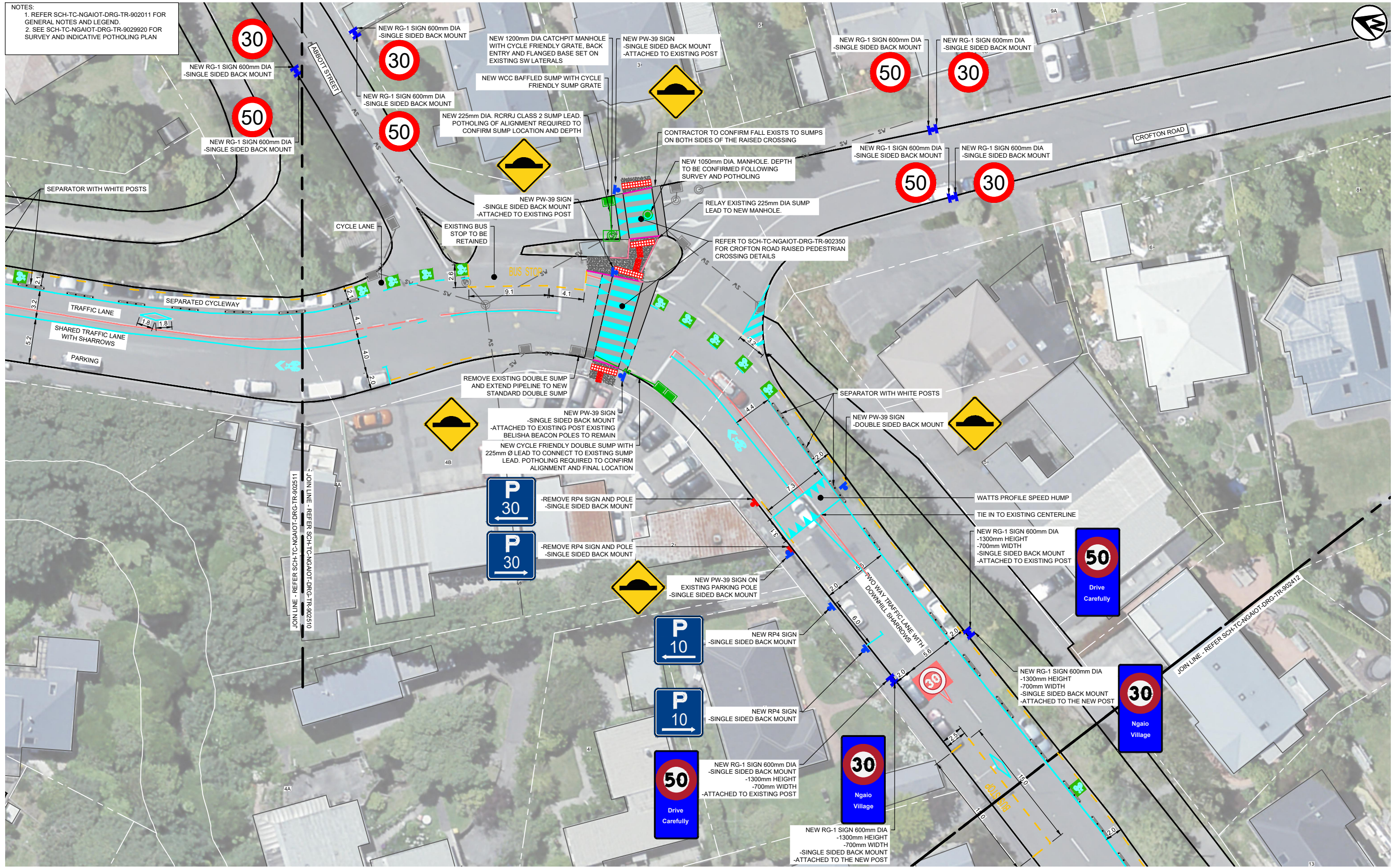
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SCALE	0 5 10 m
DRAWING SCALE:	1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC
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FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: S.RODENBURG
A.HEAD	DES. CHECK: A.HEAD
APPROVED DATE:	DRAWN: C.LI
20/01/2023	DRG. CHECK: H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS	
	NGAIO TRANSITIONAL	
TITLE:	KENYA STREET	
	GENERAL ARRANGEMENT	
	SHEET 3	
DOCUMENT:	SCH - TC - NGAIO T - DRG - TR - 902412	C04

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ORIGINAL SIZE: ISO A1 594mm x 841mm
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CLIENT	ORIGINATOR
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C05	ISSUE FOR CONSTRUCTION	C.LI	A.HEAD	20/02/2023
C06	ISSUE FOR CONSTRUCTION	C.LI	R.DUNN	03/03/2023

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DESIGN STAGE	GATE
DETAILED DESIGN	IFC
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APPROVED BY:	DESIGNED: S.RODENBURG
R.DUNN	DES. CHECK: R.DUNN
APPROVED DATE:	DRAWN: C.LI
03/03/2023	DRG. CHECK: H.BENDLE

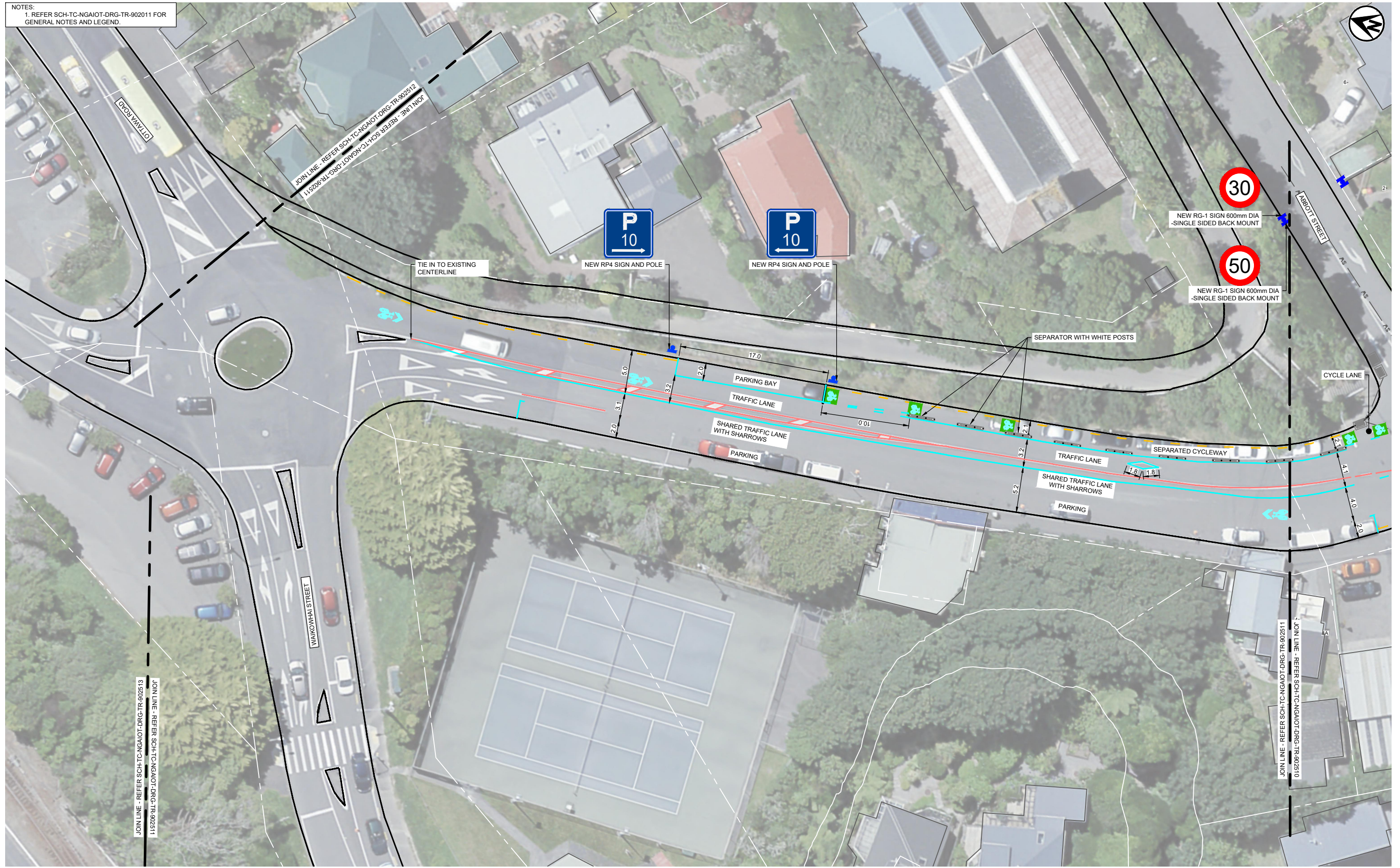
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	NGAIO TRANSITIONAL	
TITLE:	CROFTON ROAD GENERAL ARRANGEMENT	
	SHEET 1	
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Tonkin+Taylor Isthmus.

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R.DUNN	DES. CHECK: R.DUNN
APPROVED DATE:	DRAWN: C.LI
03/03/2023	DRG. CHECK: H.BENDLE

PROJECT:	TITLE:
TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL	CROFTON ROAD GENERAL ARRANGEMENT SHEET 2
ORIGINATOR	PROJECT
SCH - TC - NGAIO T - DRG - TR - 902511	C05

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JOIN LINE - REFER SCH-TC-NGAIOT-DRG-TR-902513
JOIN LINE - REFER SCH-TC-NGAIOT-DRG-TR-902512

COLLINGSWOOD STREET

OTTAWA ROAD

JOIN LINE - REFER SCH-TC-NGAIOT-DRG-TR-902511
JOIN LINE - REFER SCH-TC-NGAIOT-DRG-TR-902512



REPLACE EXISTING SPEED SIGNS WITH NEW RG-1 (30) SIGNS BACK TO BACK ON EXISTING POLE.
RELOCATE EXISTING SIGNS TO WAIKOWHAI STREET



REPLACE EXISTING SPEED SIGNS WITH NEW RG-1 (30) SIGNS BACK TO BACK ON EXISTING POLE.
RELOCATE EXISTING SIGNS TO WAIKOWHAI STREET



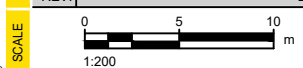
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ORIGINATOR



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DETAILED DESIGN	IFC
DRAWING STATUS	
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A.HEAD	DES. CHECK: A.HEAD
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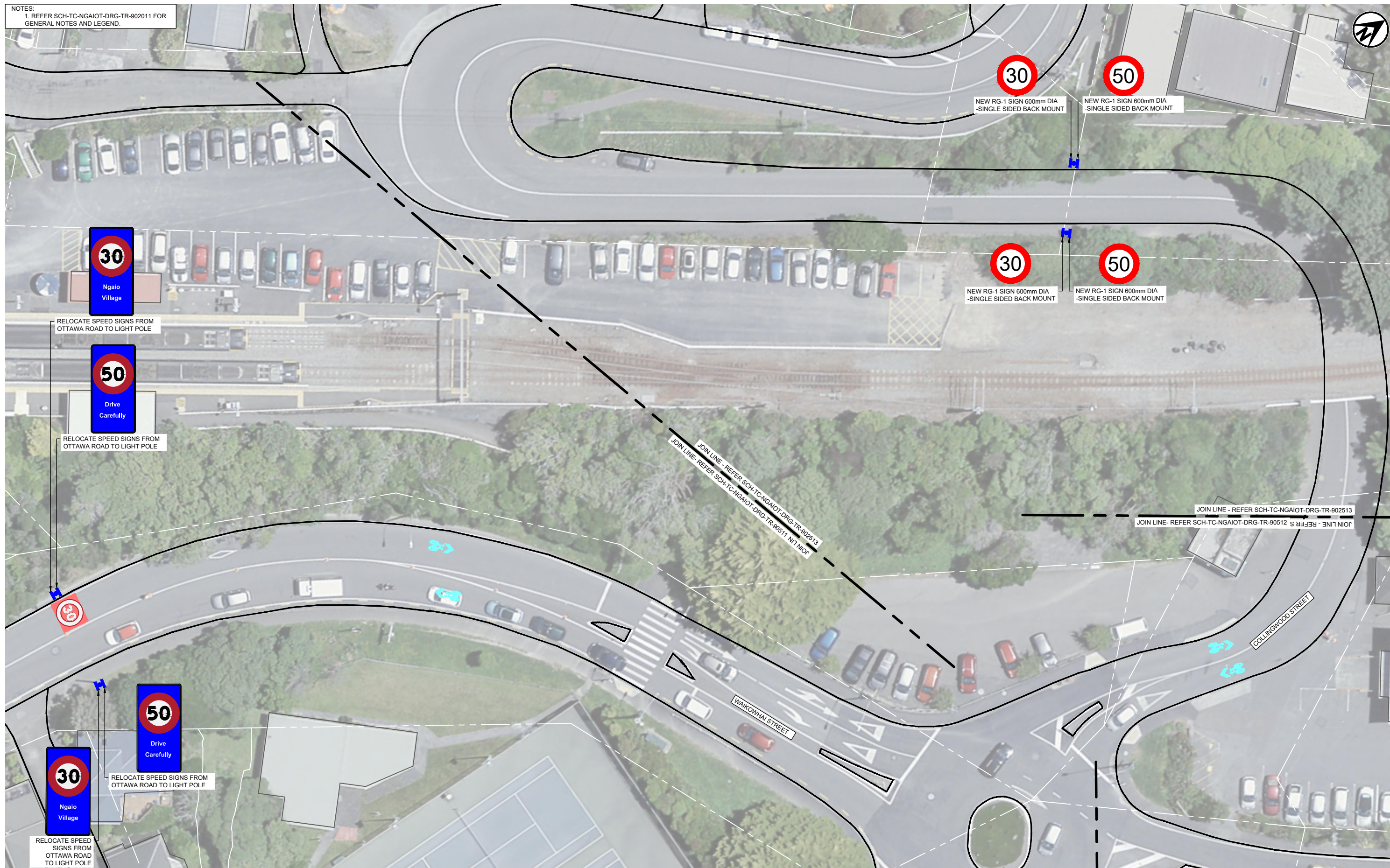
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TITLE:	CROFTON ROAD GENERAL ARRANGEMENT SHEET 3	
DOCUMENT:	SCH - TC - NGAIO T - DRG - TR - 902512	C05

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ORIGINATOR

abley
Tonkin+Taylor Isthmus.

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DRAWING SCALE: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC

DRAWING STATUS: **FOR CONSTRUCTION**

APPROVED BY:	DESIGNED:	S.RODENBURG
A.HEAD	DES. CHECK:	A.HEAD
APPROVED DATE:	DRAWN:	C.LI
20/02/2023	DRG. CHECK:	H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS			
	NGAIO TRANSITIONAL			
TITLE:	CROFTON ROAD GENERAL ARRANGEMENT			
	SHEET 4			
DOCUMENT:	SCH - TC - NGAIoT - DRG - TR - 902513	C05		

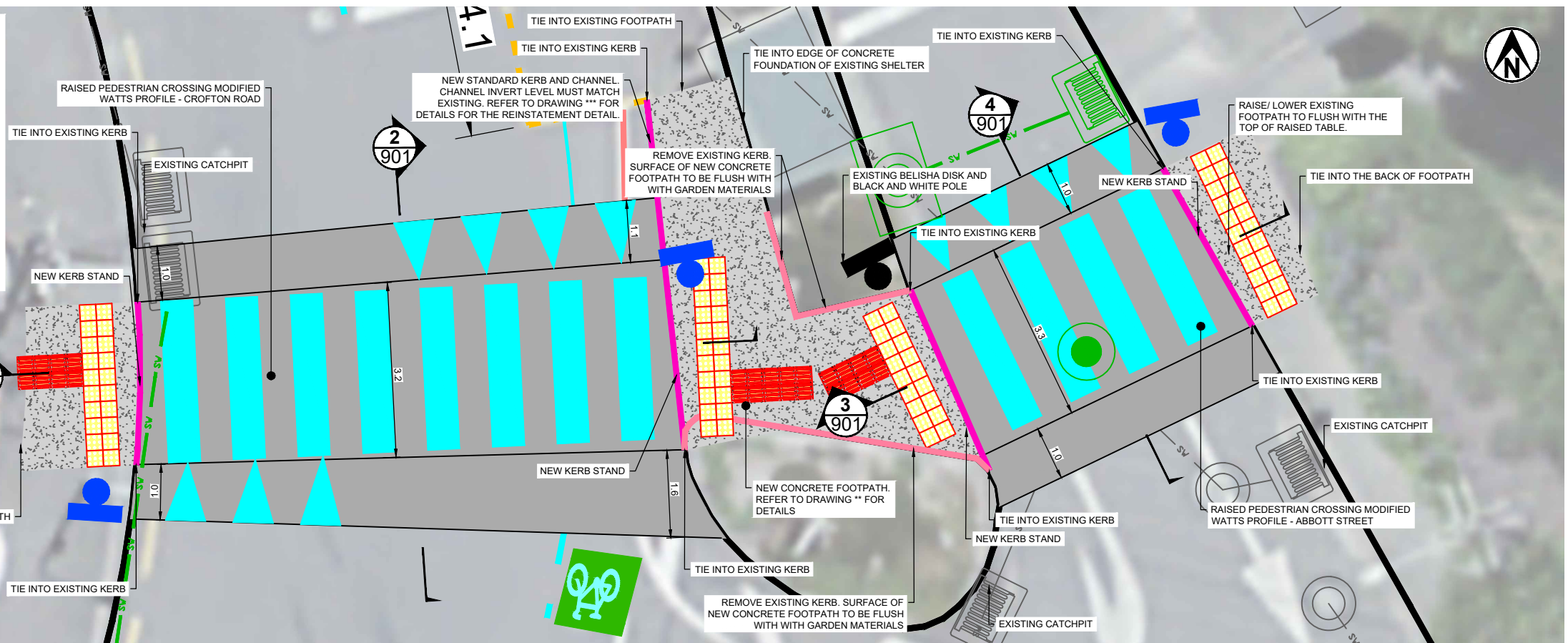
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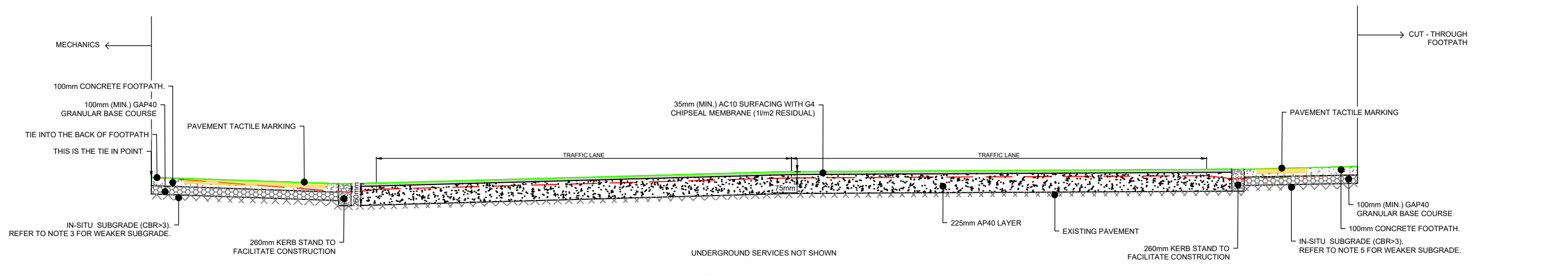
- NOTE:**
1. REFER DRAWING SCH-TC-NGAIOT-DRG-DE-902011 FOR GENERAL NOTES AND LEGEND.
 2. EXISTING GROUND LINE IS INDICATIVE ONLY AND THE PROPOSED LEVELS ARE RELATIVE TO THE EXISTING GROUND.
 3. PROPOSED SPEED TABLE SHOULD BE 75mm IN HEIGHT AT CENTRE LINE AND HAS 3.0m (MIN.) WIDE TABLE TOP. CONTRACTOR TO ENSURE ADEQUATE GRADING IS PROVIDED TO CHANNEL DRAIN BEFORE COMMENCING CONSTRUCTION.
 4. CONTRACTOR SHALL CONSULT WITH SITE ENGINEER IF THE EXISTING PAVEMENT CONDITION IS INADEQUATE UPON EXCAVATION.
 5. STATIC ROLLING SHALL BE USED INSTEAD OF VIBRATION ROLLING WHERE THERE IS UNDERGROUND SERVICES CLOSE TO THE SURFACE.
 6. WHERE THE IN-SITU SUBGRADE IS WEAKER THAN SPECIFIED VALUES, THE SUBGRADE MUST BE UNDERCUT AND BACKFILLED WITH APPROVED MATERIALS. REFER TO TABLE 1 IN DRAWING 902931 FOR DETAILS.
 7. THE INVERT LEVEL OF NEW KERB AND CHANNEL MUST MATCH THE EXISTING CONDITION.
 8. APPROPRIATE DRAINAGE SHALL BE ACHIEVED ON ALL GRADING AREAS. CONTRACTOR IS RESPONSIBLE TO RESOLVE ANY IMPROPER LOW POINT WHICH IS CREATED AFTER CONSTRUCTION.



RAISED CROSSING SECTIONS - CROFTON ROAD

SCALE 1:50

ORIGINAL SIZE: ISO A1 594mm x 841mm



1 SECTION ALONG THE RAISED TABLE - CROFTON ROAD

SCALE 1:25

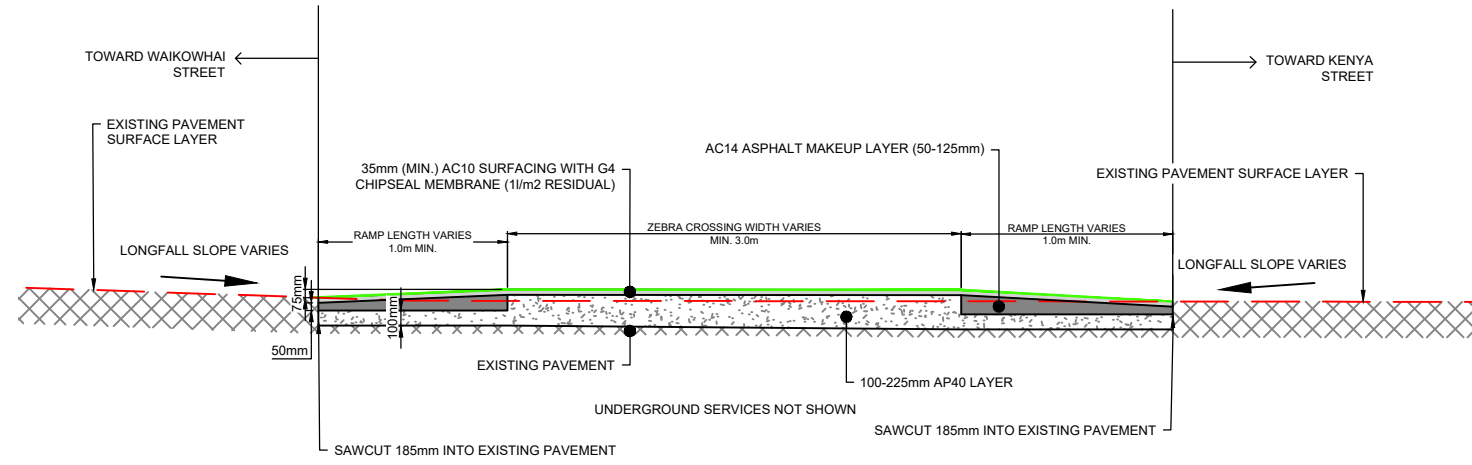
LEGEND

EXISTING GROUND	---
DESIGN SURFACE	—

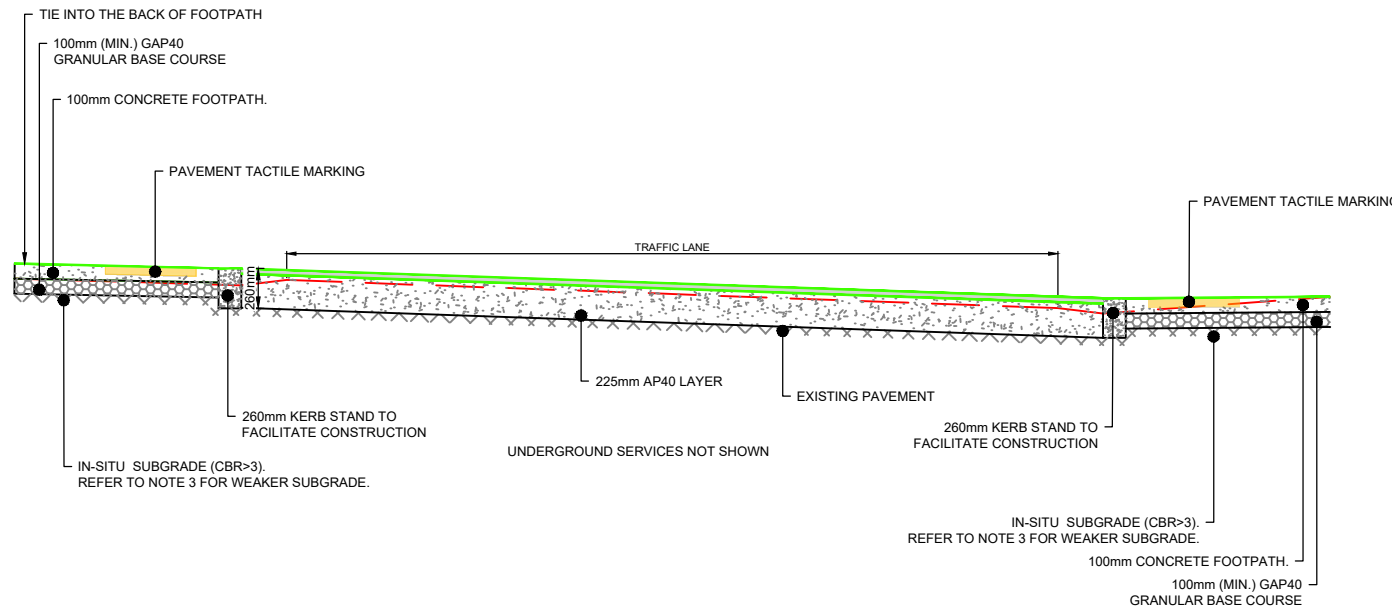
<p>CLIENT</p> <p>Absolutely Positively Wellington City Council Me Heke Kī Pōneke</p>	<p>ORIGINATOR</p> <p>abley Tonkin+Taylor Isthmus.</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DRAWN BY</th> <th>APRVD. BY</th> <th>DATE</th> </tr> <tr> <td>C01</td> <td>ISSUE FOR CONSTRUCTION</td> <td>E.SANGSEFIDI</td> <td>A.HEAD</td> <td>20/01/2023</td> </tr> <tr> <td>C02</td> <td>ISSUE FOR CONSTRUCTION</td> <td>C.LI</td> <td>R.DUNN</td> <td>03/03/2023</td> </tr> </table>	REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE	C01	ISSUE FOR CONSTRUCTION	E.SANGSEFIDI	A.HEAD	20/01/2023	C02	ISSUE FOR CONSTRUCTION	C.LI	R.DUNN	03/03/2023	<p>DESIGN STAGE</p> <p>DETAILED DESIGN</p> <p>DRAWING STATUS</p> <p style="color: red; font-weight: bold;">FOR CONSTRUCTION</p> <p>APPROVED BY: R.DUNN DESIGNED: S.RODENBURG DES. CHECK: R.DUNN APPROVED DATE: 03/03/2023 DRAWN: E.SANGSEFIDI DRG. CHECK: H.BENDLE</p>	<p>GATE</p> <p>IFC</p> <p>PROJECT:</p> <p>TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL</p> <p>TITLE:</p> <p>CROFTON ROAD / KENYA STREET RAISED PEDESTRIAN CROSSING LAYOUT PLAN</p> <p>DOCUMENT:</p> <p>SCH - TC - NGAIoT - DRG - TR - 902900</p>	<p>ORIGINATOR</p> <p>PROJECT</p> <p>WORK STREAM</p> <p>TYPE</p> <p>DISCIPLINE</p> <p>SHEET</p> <p>REVISION</p> <p>C02</p>
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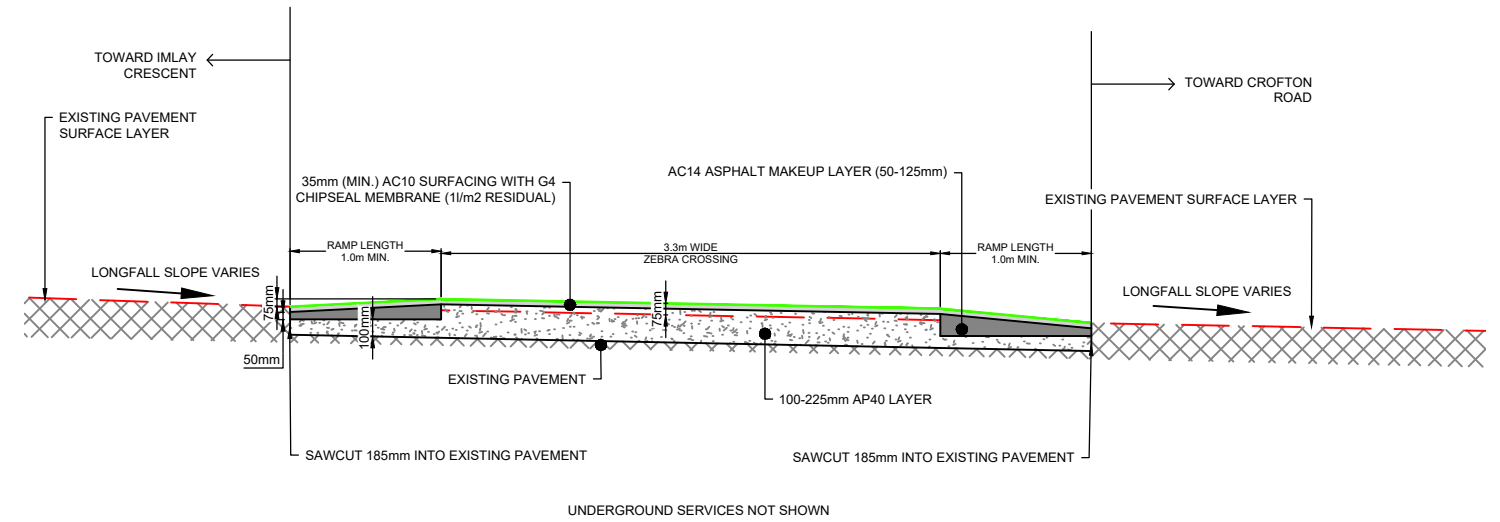
LEGEND	
EXISTING GROUND	---
DESIGN SURFACE	—



2 SECTION ALONG THE CENTRE LINE OF CROFTON ROAD
SCALE 1:25



3 SECTION ALONG THE RAISED TABLE - ABBOTT STREET
SCALE 1:25

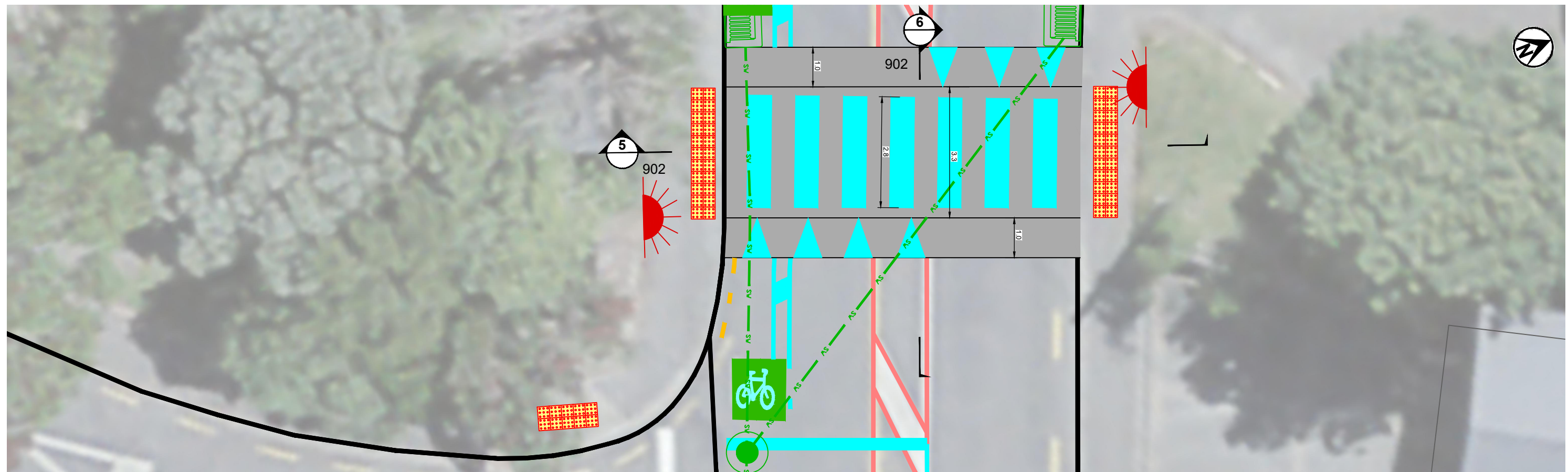


4 SECTION ALONG THE CENTRE LINE OF ABBOTT STREET
SCALE 1:25

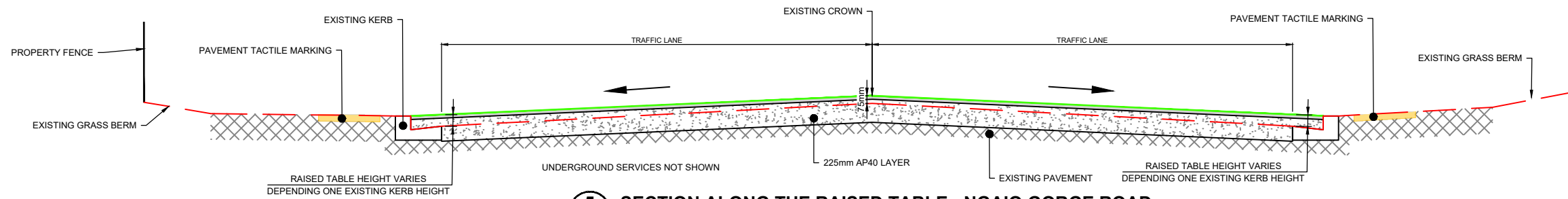
ORIGINAL SIZE: ISO A1 594mm x 841mm

<p>CLIENT</p> <p>Absolutely Positively Wellington City Council Me Heke Ki Pōneke</p>	<p>ORIGINATOR</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DRAWN BY</th> <th>APRVD. BY</th> <th>DATE</th> </tr> <tr> <td>C01</td> <td>ISSUE FOR CONSTRUCTION</td> <td>E.SANGSEFIDI</td> <td>A.HEAD</td> <td>20/01/2023</td> </tr> <tr> <td>C02</td> <td>ISSUE FOR CONSTRUCTION</td> <td>C.LI</td> <td>R.DUNN</td> <td>03/03/2023</td> </tr> </table>	REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE	C01	ISSUE FOR CONSTRUCTION	E.SANGSEFIDI	A.HEAD	20/01/2023	C02	ISSUE FOR CONSTRUCTION	C.LI	R.DUNN	03/03/2023	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">DESIGN STAGE</td> <td style="text-align: center;">GATE</td> </tr> <tr> <td style="text-align: center;">DETAILED DESIGN</td> <td style="text-align: center;">IFC</td> </tr> <tr> <td colspan="2" style="text-align: center;">DRAWING STATUS</td> </tr> <tr> <td colspan="2" style="text-align: center; color: red; font-weight: bold;">FOR CONSTRUCTION</td> </tr> <tr> <td>APPROVED BY:</td> <td>DESIGNED BY: S.RODENBURG</td> </tr> <tr> <td>R.DUNN</td> <td>DES. CHECK: R.DUNN</td> </tr> <tr> <td>APPROVED DATE:</td> <td>DRAWN BY: E.SANGSEFIDI</td> </tr> <tr> <td>03/03/2023</td> <td>DRG. CHECK: H.BENDLE</td> </tr> </table>	DESIGN STAGE	GATE	DETAILED DESIGN	IFC	DRAWING STATUS		FOR CONSTRUCTION		APPROVED BY:	DESIGNED BY: S.RODENBURG	R.DUNN	DES. CHECK: R.DUNN	APPROVED DATE:	DRAWN BY: E.SANGSEFIDI	03/03/2023	DRG. CHECK: H.BENDLE	<p>PROJECT: TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL</p> <p>TITLE: CROFTON ROAD / KENYA STREET RAISED PEDESTRIAN CROSSING LAYOUT PLAN</p> <p>DOCUMENT: SCH - TC - NGAIO - DRG - TR - 902901</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>ORIGINATOR</th> <th>PROJECT</th> <th>WORK STREAM</th> <th>TYPE</th> <th>DISCIPLINE</th> <th>SHEET</th> <th>REVISION</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>C02</td> </tr> </table>	ORIGINATOR	PROJECT	WORK STREAM	TYPE	DISCIPLINE	SHEET	REVISION							C02
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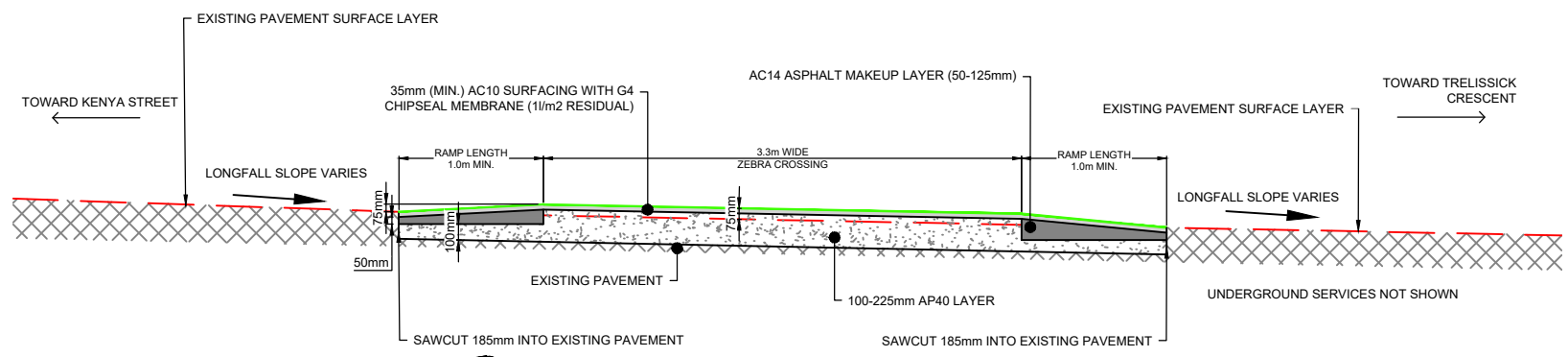
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RAISED CROSSING SECTIONS - NGAIO GORGE ROAD
SCALE 1:50



5 SECTION ALONG THE RAISED TABLE - NGAIO GORGE ROAD
SCALE 1:25



6 SECTION ALONG THE CENTRE LINE - NGAIO GORGE ROAD
SCALE 1:25

LEGEND

EXISTING GROUND	---
DESIGN SURFACE	—

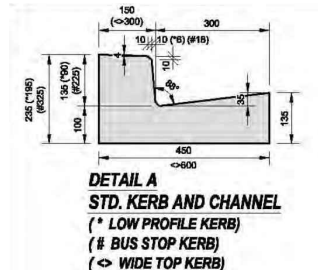
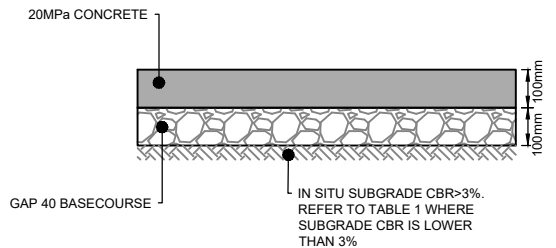
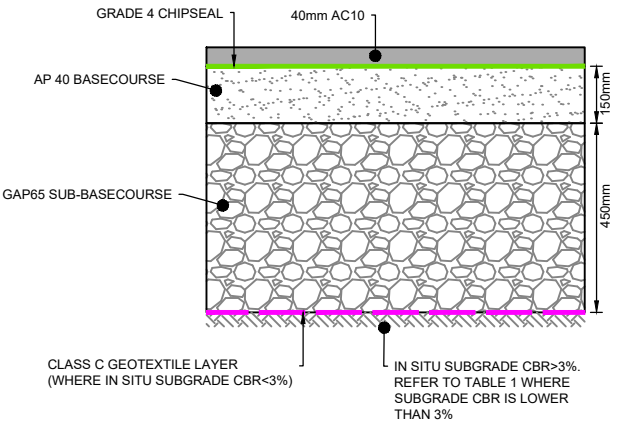
<p>CLIENT</p> <p>Absolutely Positively Wellington City Council Me Heke Ki Pōneke</p>	<p>ORIGINATOR</p> <p>abley Tonkin+Taylor Isthmus.</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DRAWN BY</th> <th>APRVD. BY</th> <th>DATE</th> </tr> <tr> <td>C01</td> <td>ISSUE FOR CONSTRUCTION</td> <td>E.SANGSEFID</td> <td>A.HEAD</td> <td>20/01/2023</td> </tr> <tr> <td>C02</td> <td>ISSUE FOR CONSTRUCTION</td> <td>C.LI</td> <td>R.DUNN</td> <td>03/03/2023</td> </tr> <tr> <td>C03</td> <td>ISSUE FOR CONSTRUCTION</td> <td>C.LI</td> <td>B.RODENBURG</td> <td>29/06/2023</td> </tr> </table>	REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE	C01	ISSUE FOR CONSTRUCTION	E.SANGSEFID	A.HEAD	20/01/2023	C02	ISSUE FOR CONSTRUCTION	C.LI	R.DUNN	03/03/2023	C03	ISSUE FOR CONSTRUCTION	C.LI	B.RODENBURG	29/06/2023	<p>DESIGN STAGE</p> <p>DETAILED DESIGN</p> <p>DRAWING STATUS</p> <p style="color: red; font-weight: bold;">FOR CONSTRUCTION</p>	<p>GATE</p> <p>IFC</p>	<p>PROJECT:</p> <p>TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL</p>
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<p>LAST SAVED BY: CHLI(2023-06-29) LAST PLOTTED: 2023-06-29</p> <p>FILE LOCATION:</p>		<p>SCALE</p> <p>0 1.25 2.5 m 0 0.625 1.25 m</p> <p>1:50 1:25</p>		<p>APPROVED BY: B.RODENBURG DESIGNED: B.RODENBURG</p> <p>B.RODENBURG DES. CHECK: C.CASSIDY</p> <p>APPROVED DATE: 29/06/2023 DRAWN: C.LI</p> <p>DRG. CHECK: H.BENDLE</p>		<p>TITLE:</p> <p>KENYA STREET / NGAIO GORGE ROAD RAISED PEDESTRIAN CROSSING LAYOUT PLAN</p>																			
<p>PRINTED COPIES OF THIS DOCUMENT ARE UNCONTROLLED</p>		<p>DRAWING INFORMATION</p>		<p>DRAWING INFORMATION</p>		<p>ORIGINATOR PROJECT WORK STREAM TYPE DISCIPLINE SHEET REVISION</p> <p>SCH - TC - NGAIO - DRG - TR - 902902 C03</p>																			

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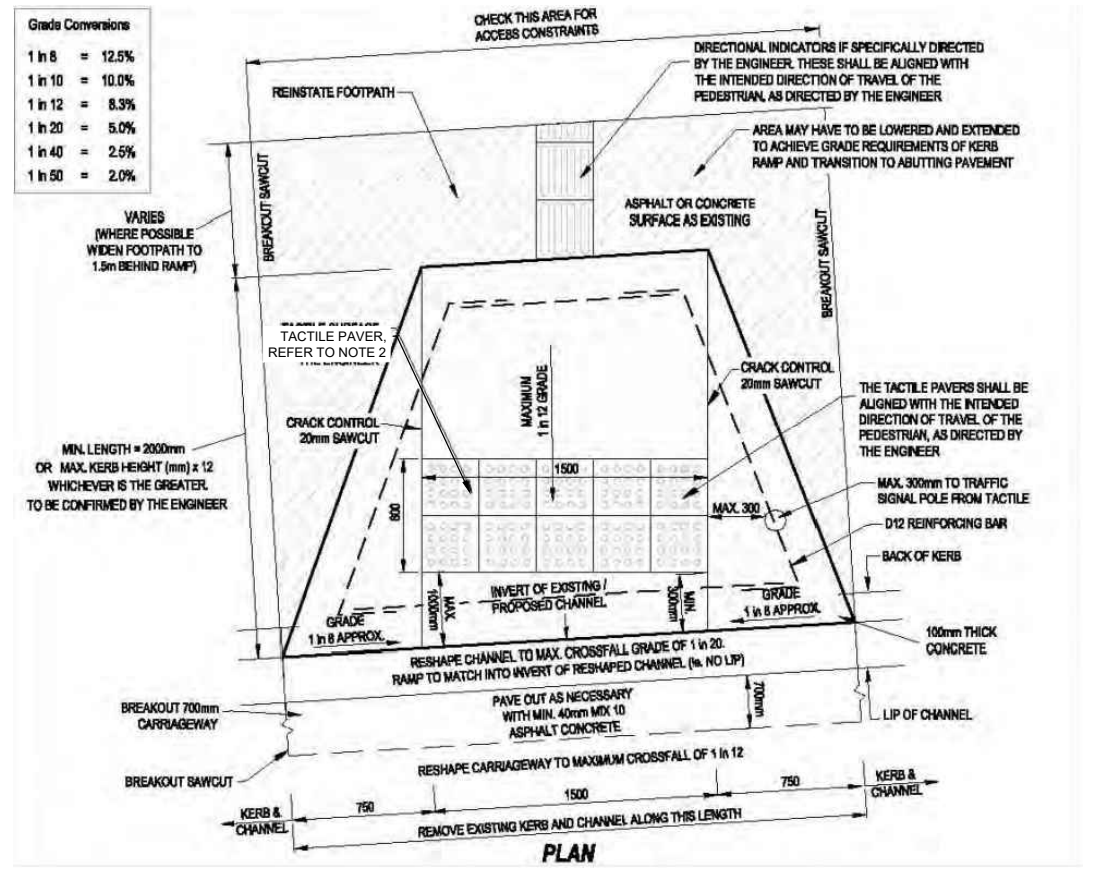
NOTE:

- STANDARD KERB SHALL BE LAID ON 300mm (MIN.) GAP65 SUBBASE IN ROADS AND 100mm GAP40 IN FOOTPATHS (WHERE SUBGRADE CBR>5). IF THE SUBGRADE CBR<5 THEN ROADS AND FOOTPATH MUST BE UNDERCUT AND BACKFILLED WITH FILLING MATERIALS (REFER TO TABLE 1).
- TACTILE GROUND INDICATORS MUST BE INSTALLED IN ACCORDANCE WITH:
 - NZTA RTS 1: GUIDELINE FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS.
 - AS/NZS 1428.4:2009 DESIGN FOR ACCESS AND MOBILITY.
- REFER TO WCC CODE OF PRACTICE FOR LAND DEVELOPMENT FOR TACTILE BEDDING PROPERTIES.
- PRAM CROSSING RAMP AND FLARED SHOULD BE CONSTRUCTED IN CONTRASTING COLOUR / OR TEXTURE TO THE ADJACENT FOOTPATH.
- GRANULAR SUBGRADE IMPROVEMENT MATERIAL CAN BE GAP40, GAP65, OR ANY APPROPRIATE MATERIAL WITH CBR>5%. IMPROVEMENT LAYER SHALL BE COMPACTED IN LAYER (S), WITH LAYER THICKNESS BETWEEN 2.5 AND 4 TIMES OF THE NOMINAL AGGREGATE SIZE.

IN-SITU CBR	SUBGRADE IMPROVEMENT REQUIREMENTS		
	FOOTPATH	KERB AND CHANNEL	PAVEMENT
4%	NOT REQUIRED - REFER TO DETAIL B	150mm	NOT REQUIRED - REFER TO DETAIL A
3%	NOT REQUIRED - REFER TO DETAIL B	150mm	NOT REQUIRED - REFER TO DETAIL A
2%	150mm	300mm	150mm
1%	300mm	600mm	300mm
0.5%	450mm	900mm	450mm



REFER TO PLAN NO. R-22-700 IN WCC CODE OF PRACTICE FOR LAND DEVELOPMENT FOR DETAILS



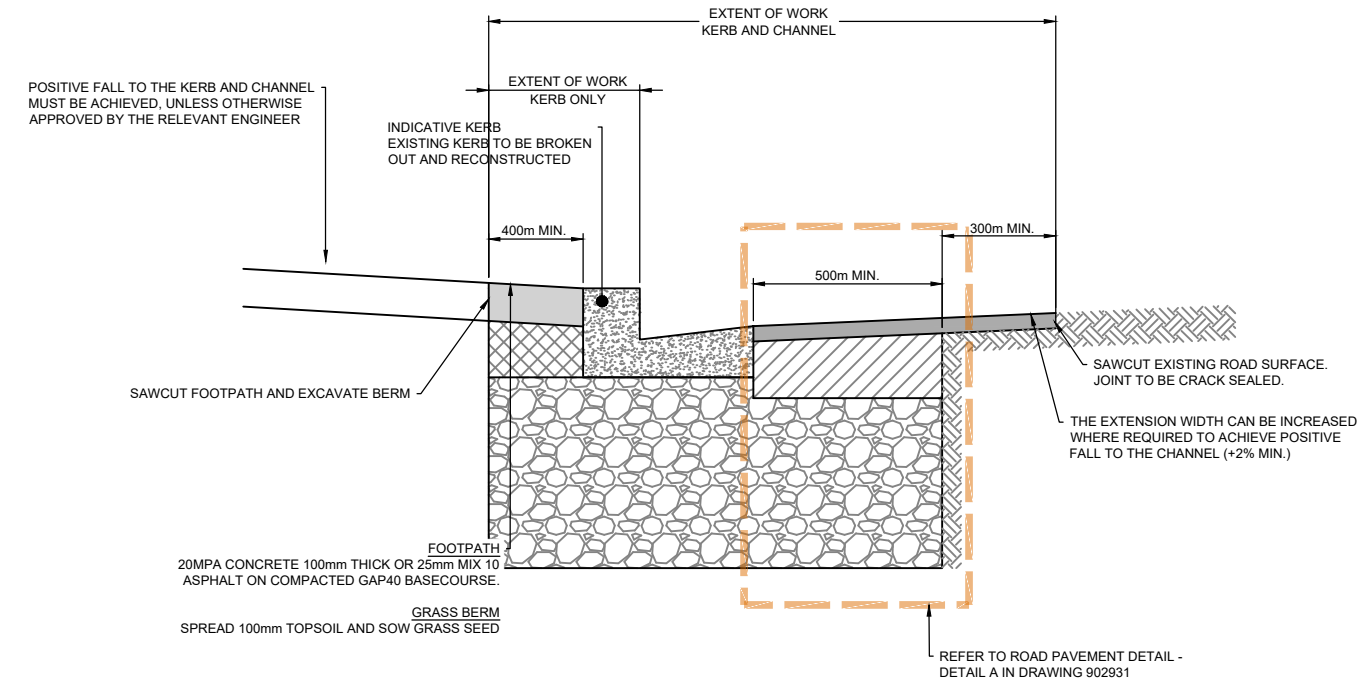
REFER TO PLAN NO. R-24-727 IN WCC CODE OF PRACTICE FOR LAND DEVELOPMENT FOR DETAILS.

A ROAD PAVEMENT DETAIL - DESA = 4.8 E06 (NGAIO GORGE ROAD)
SCALE 1:10

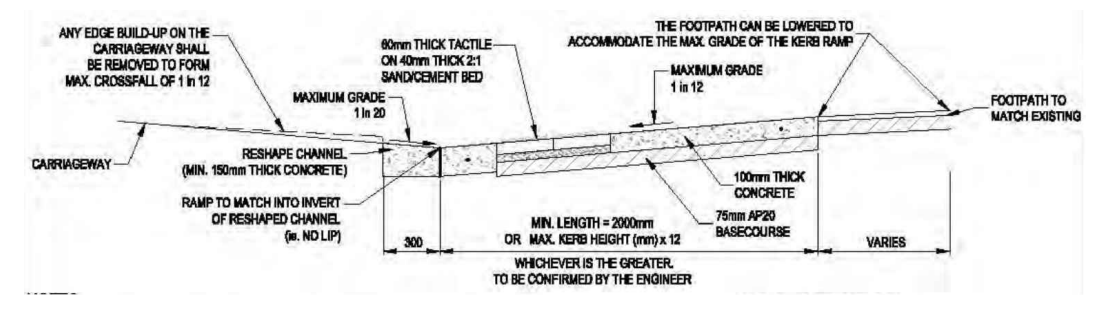
B FOOTPATH PAVEMENT
SCALE 1:10

C STANDARD KERB
SCALE 1:10

E PEDESTRIAN RAMP WITH TACTILE PAVERS - PLAN
SCALE 1:20



D TYPICAL SECTION FOR KERB AND CHANNEL AND KERB ONLY REPLACEMENT
SCALE 1:10



REFER TO PLAN NO. R-24-727 IN WCC CODE OF PRACTICE FOR LAND DEVELOPMENT FOR DETAILS.

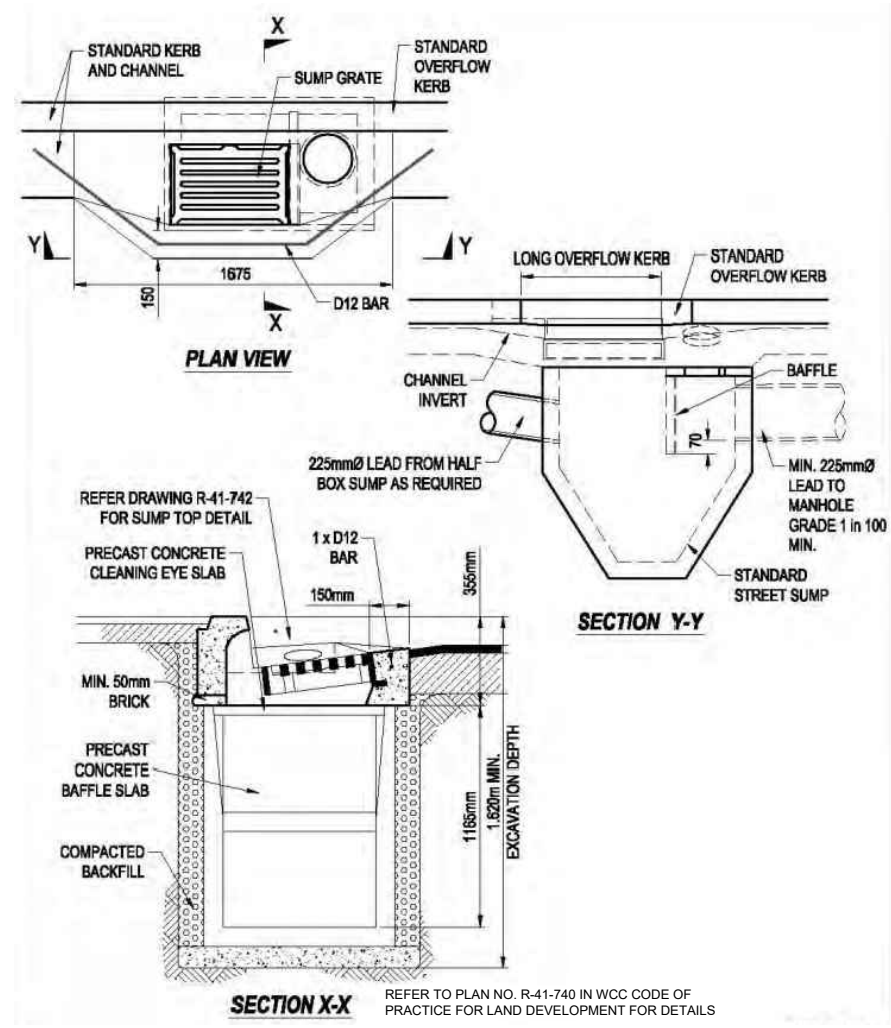
E-1 PEDESTRIAN RAMP WITH TACTILE PAVERS - SECTION
SCALE 1:20

CLIENT	ORIGINATOR	DESIGN STAGE	GATE	PROJECT:	TRANSITIONAL CYCLEWAYS				
		DETAILED DESIGN	IFC	TITLE: DETAILED DESIGN INFORMATION SHEET 1 OF 2	NGAIO TRANSITIONAL				
		DRAWING STATUS			FOR CONSTRUCTION			DRAWING INFORMATION	
REVISIONS C01 ISSUE FOR CONSTRUCTION REV. DESCRIPTION DRAWN BY: E.SANGSEFIDI APRVD. BY: A.HEAD DATE: 20/01/2023		APPROVED BY: A.HEAD DESIGNED: S.RODENBURG DES. CHECK: A.HEAD APPROVED DATE: 20/01/2023 DRAWN: E.SANGSEFIDI DRG. CHECK: H.BENDLE		DOCUMENT: SCH - TC - NGAIO - DRG - TR - 902911 SHEET: C01		ORIGINATOR PROJECT WORK STREAM TYPE DISCIPLINE SHEET REVISION			
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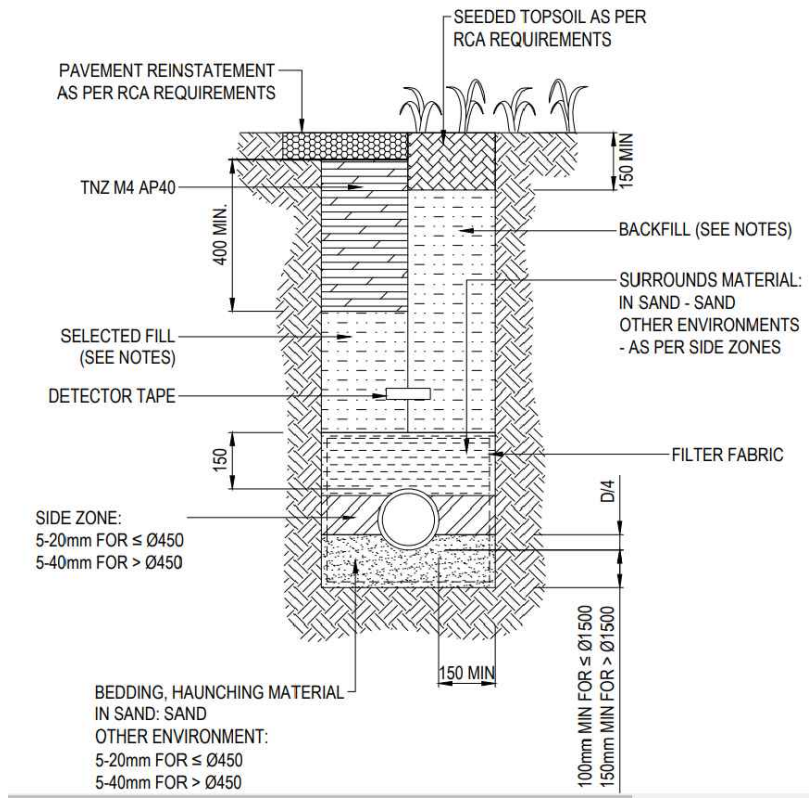
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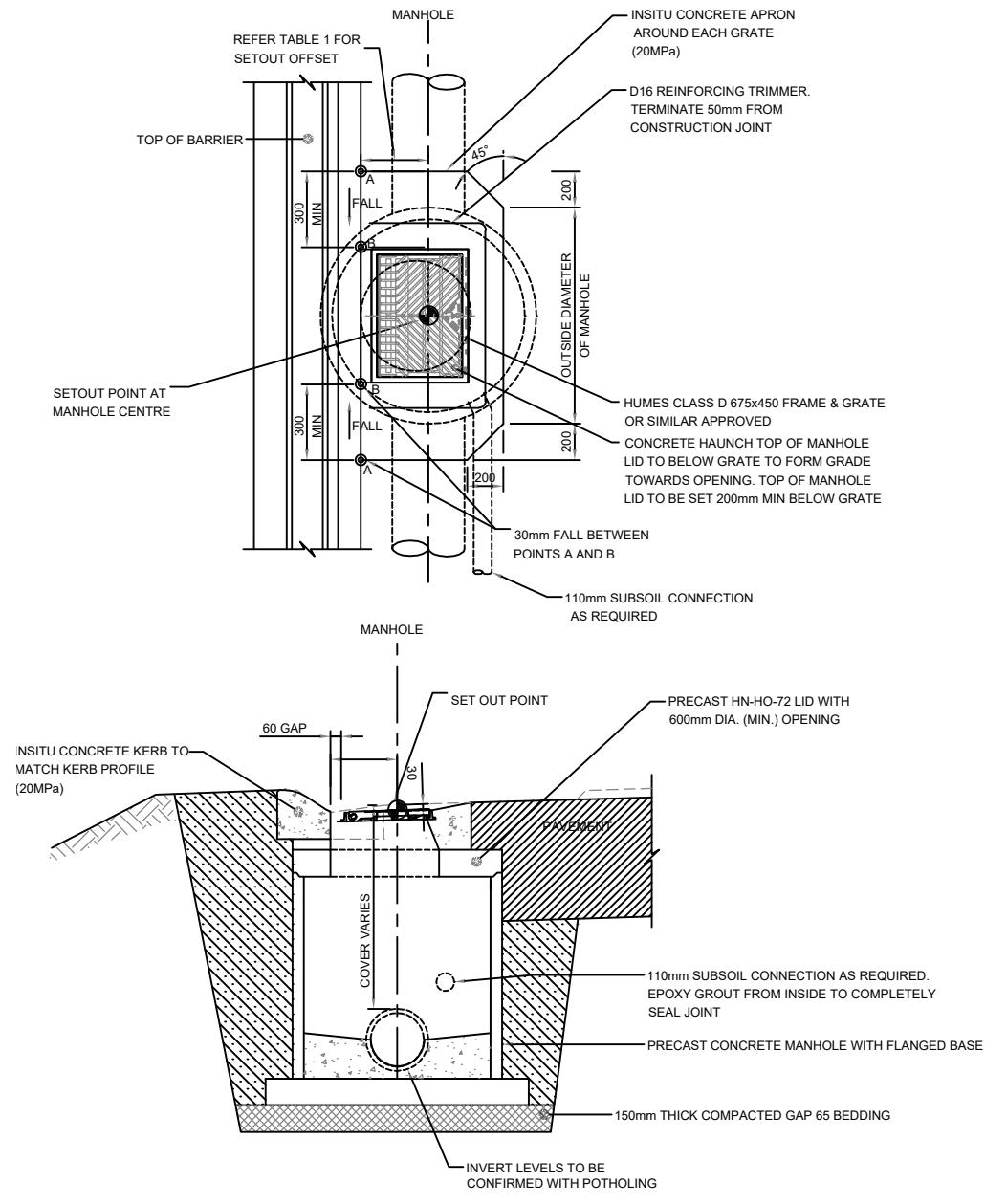
- APPROVED CYCLE FRIENDLY GRATE SHALL BE USED. THE APRON OF THE CATCHPIT MUST BE RESHAPED TO FOLLOW EXISTING ROAD SURFACE GRADING AND THE FRAME MUST NOT BE MORE THAN 5mm BELOW THE LEVEL OF THE ROAD.
- WHERE EXISTING SERVICES ARE DAMAGED AS A RESULT OF TRENCHING WORK, CONTRACTOR SHALL IMMEDIATELY ADVISE ENGINEER ON SITE AND THE OWNER OF THE DAMAGED SERVICE TO ARRANGE FOR REPAIRS TO BE CARRIED OUT ON CONTRACTOR'S COST BEFORE BACKFILLING. IT IS THE CONTRACTOR RESPONSIBILITY TO IDENTIFY THE EXISTING UNDERGROUND SERVICES BEFORE TRENCHING WORKS.
- SELECTED FILL MATERIAL IS GENERALLY AP40 OR AP65, BUT IT MAY DIFFER IN CERTAIN AREAS IN ACCORDANCE WITH RCA OR OTHER REQUIREMENTS.
- FOR TRENCH REINSTATEMENT IN PAVEMENTS, ALL BACKFILL MATERIAL SHALL BE PLACED BACK INTO THE TRENCH IN 100-200mm THICK LAYERS AND COMPACTED USING SUITABLE COMPACTION EQUIPMENT.
- WHERE A TRENCH IS ON CONCRETE, ASPHALT, OR CHIPSEAL SURFACE, THE EDGE OF TRENCH SHALL BE CUT WITH A POWER SAW PRIOR TO THE EXCAVATION OF THE TRENCH. THE CUT IS TO EXTEND THROUGH THE FULL THICKNESS OF THE SURFACE LAYER IN A CLEAN STRAIGHT PARALLEL LINE.
- ALL BEDDING AND CUSHION MATERIAL MUST BE FREE DRAINING, NON-COMPRESSIBLE GRANULAR MATERIAL.
- ROAD SURFACE JOINT ARE TO BE SEALED WITH APPROVED SEALANT.
- WHERE STABILISED LAYERS EXIST UNDER THE PAVEMENT, THE TRENCH SHALL BE REINSTATED WITH SIMILAR MATERIALS. USING OTHER MATERIALS SHALL BE APPROVED BY THE ENGINEER.
- SEE WELLINGTON WATER REGIONAL SPECIFICATION FOR WATER SERVICES DRG-01 FOR MANHOLE INSTALLATION DETAILS
- SET OUT OF CATCHPITS AND CATCHPIT MANHOLES TO BE CONFIRMED BY CONTRACTOR ON SITE TO ENSURE
 - LOCATED AT LOW POINTS ON THE CARRIAGEWAY;
 - TO SUIT KERB LEVELS AND POSITION; AND
 - POTHOLED SERVICES



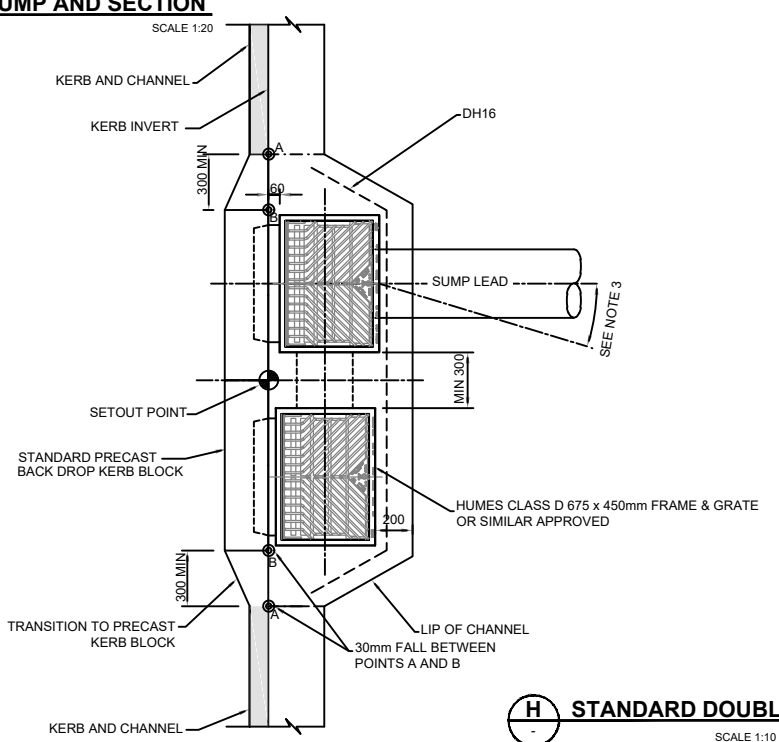
G WCC SUMP AND SECTION
SCALE 1:20



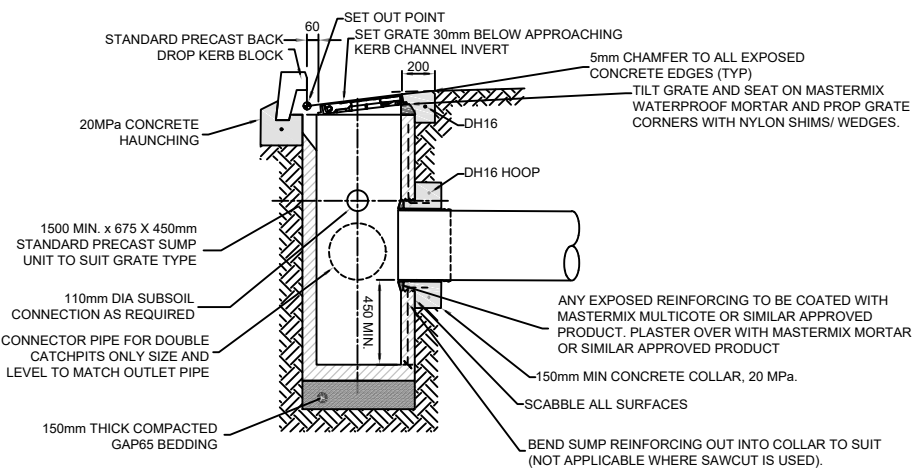
F TYPICAL RIGID PIPE TRENCH REINSTATEMENT DETAIL
SCALE 1:10



H CATCHPIT MANHOLE
SCALE 1:20



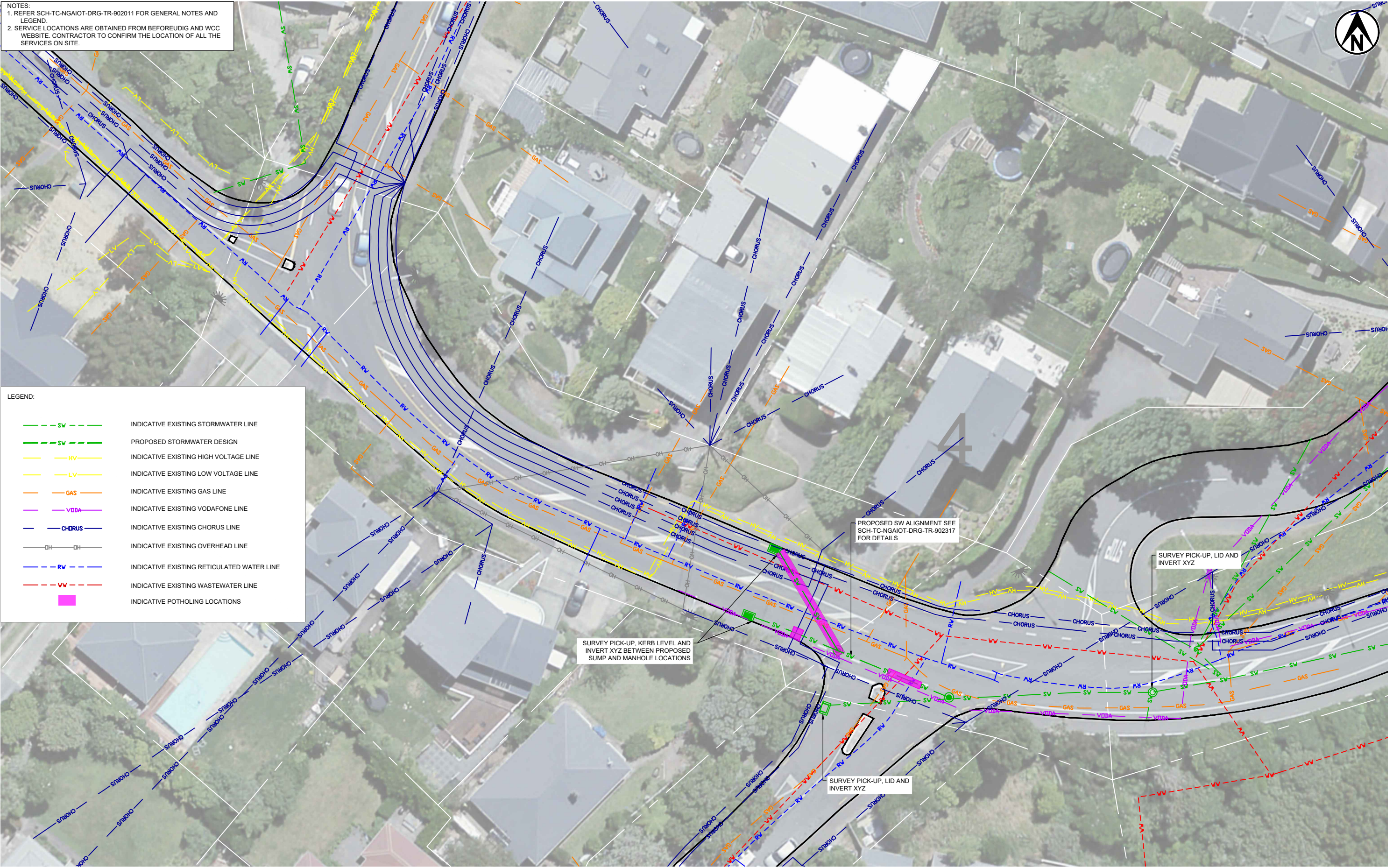
H STANDARD DOUBLE SUMP
SCALE 1:10



CLIENT		ORIGINATOR		DESIGN STAGE	GATE	PROJECT:	TRANSITIONAL CYCLEWAYS				
Absolutely Positively Wellington City Council Me Heke Kī Pōneke		Abley Tonkin+Taylor Isthmus.		DETAILED DESIGN	IFC		NGAIO TRANSITIONAL				
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SCALE		REVISIONS		APPROVED BY:		DRAWING INFORMATION		DOCUMENT:		SHEET	
1:10		C01 ISSUE FOR CONSTRUCTION C02 ISSUE FOR CONSTRUCTION		R.DUNN 03/03/2023		FOR CONSTRUCTION		SCH - TC - NGAIoT - DRG - TR - 902912		C02	
0 0.25 0.5 m		DRAWN BY: APRVD. BY: DATE		APPROVED DATE:		DESIGNED: S.RODENBURG DES. CHECK: R.DUNN DRAWN: E.SANGSEFIDI DRG. CHECK: H.BENDLE		ORIGINATOR PROJECT WORK STREAM TYPE DISCIPLINE SHEET REVISION			

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NOTES:
 1. REFER SCH-TC-NGAIOT-DRG-TR-902011 FOR GENERAL NOTES AND LEGEND.
 2. SERVICE LOCATIONS ARE OBTAINED FROM BEFOREUDIG AND WCC WEBSITE. CONTRACTOR TO CONFIRM THE LOCATION OF ALL THE SERVICES ON SITE.



LEGEND:

	INDICATIVE EXISTING STORMWATER LINE
	PROPOSED STORMWATER DESIGN
	INDICATIVE EXISTING HIGH VOLTAGE LINE
	INDICATIVE EXISTING LOW VOLTAGE LINE
	INDICATIVE EXISTING GAS LINE
	INDICATIVE EXISTING VODAFONE LINE
	INDICATIVE EXISTING CHORUS LINE
	INDICATIVE EXISTING OVERHEAD LINE
	INDICATIVE EXISTING RETICULATED WATER LINE
	INDICATIVE EXISTING WASTEWATER LINE
	INDICATIVE POTHOLING LOCATIONS

ORIGINAL SIZE: ISO A1 594mm x 841mm

200

150

100

50

30

10

0

CLIENT	ORIGINATOR

LAST SAVED BY: CHLI(2023-06-29) LAST PLOTTED: 2023-06-29

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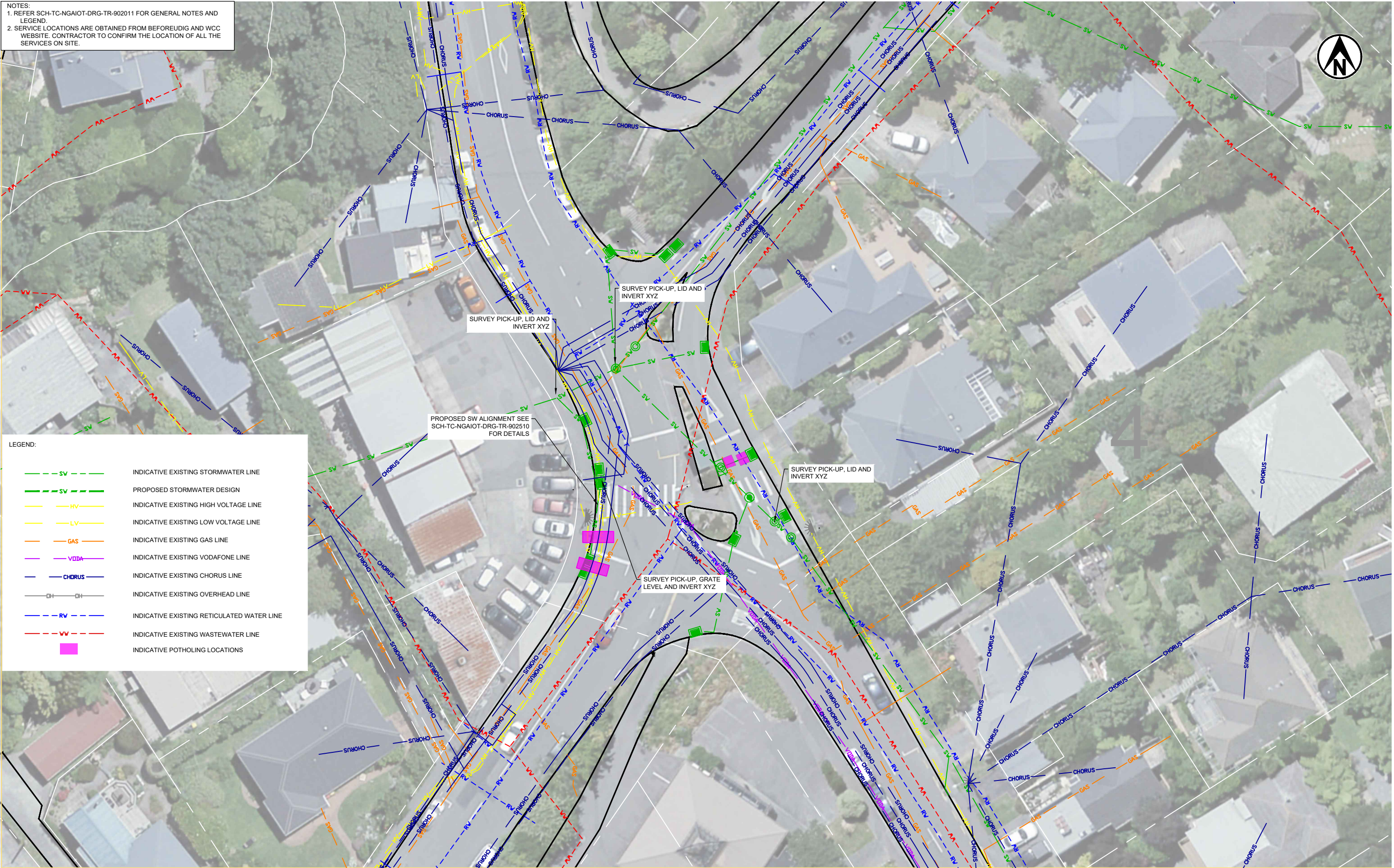
DRAWING SCALE: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC
DRAWING STATUS	
FOR CONSTRUCTION	
APPROVED BY:	DESIGNED:
B.RODENBURG	B.RODENBURG
APPROVED DATE:	DES. CHECK:
29/06/2023	C.CASSIDY
	DRAWN:
	C.LI
	DRG. CHECK:
	H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS
	NGAIO TRANSITIONAL
TITLE:	SERVICE, SURVEY AND POTHOLING PLAN
	NGAIO GORGE ROAD PEDESTRIAN CROSSING
DOCUMENT:	SCH - TC - NGAIoT - DRG - TR - 902920
	C03

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NOTES:
 1. REFER SCH-TC-NGAIOT-DRG-TR-902011 FOR GENERAL NOTES AND LEGEND.
 2. SERVICE LOCATIONS ARE OBTAINED FROM BEFOREUDIG AND WCC WEBSITE. CONTRACTOR TO CONFIRM THE LOCATION OF ALL THE SERVICES ON SITE.



LEGEND:

	INDICATIVE EXISTING STORMWATER LINE
	PROPOSED STORMWATER DESIGN
	INDICATIVE EXISTING HIGH VOLTAGE LINE
	INDICATIVE EXISTING LOW VOLTAGE LINE
	INDICATIVE EXISTING GAS LINE
	INDICATIVE EXISTING VODAFONE LINE
	INDICATIVE EXISTING CHORUS LINE
	INDICATIVE EXISTING OVERHEAD LINE
	INDICATIVE EXISTING RETICULATED WATER LINE
	INDICATIVE EXISTING WASTEWATER LINE
	INDICATIVE POTHOLING LOCATIONS

ORIGINAL SIZE: ISO A1 594mm x 841mm
 300
 200
 150
 100
 50
 30
 10
 0



REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	90% DETAILED DESIGN	C.LI	A.HEAD	20/01/2023
C02	ISSUE FOR CONSTRUCTION	C.LI	R.DUNN	03/03/2023

SCALE: 0 5 10 m
 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	IFC
DRAWING STATUS	
FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: S.RODENBURG
R.DUNN	DES. CHECK: R.DUNN
APPROVED DATE:	DRAWN: C.LI
03/03/2023	DRG. CHECK: H.BENDLE

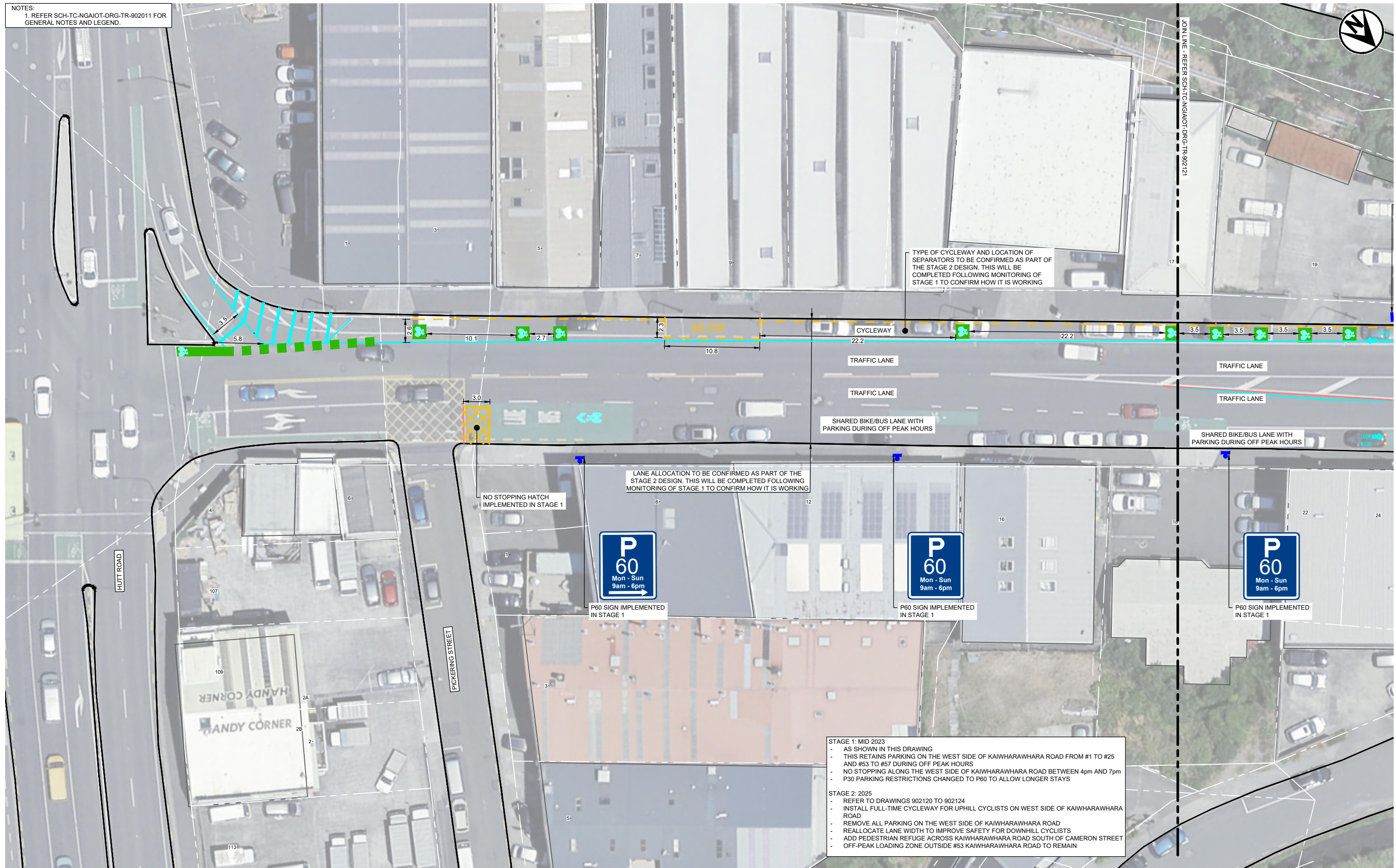
CLIENT	ORIGINATOR	DESIGN STAGE	GATE	PROJECT:	TRANSITIONAL CYCLEWAYS
		DETAILED DESIGN	IFC		NGAIO TRANSITIONAL
		DRAWING STATUS		TITLE:	SERVICE, SURVEY AND POTHOLING PLAN
		FOR CONSTRUCTION			CROFTON ROAD PEDESTRIAN CROSSING
		APPROVED BY:	DESIGNED:	ORIGINATOR	PROJECT
		R.DUNN	DES. CHECK:	SCH - TC - NGAIO T - DRG - TR - 902921	C02
		APPROVED DATE:	DRAWN:	WORK STREAM	TYPE
		03/03/2023	DRG. CHECK:		DISCIPLINE
			H.BENDLE	SHEET	REVISION

LAST SAVED BY: CHLI(2023-03-06) LAST PLOTTED: 2023-03-06
 FILE LOCATION:

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NOTES:
1. REFER SCH-TC-NGAIOT-DRG-TR-902011 FOR GENERAL NOTES AND LEGEND.



STAGE 1: MID 2023
 - AS SHOWN IN THIS DRAWING
 - THIS RETAINS PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD FROM #1 TO #25 AND #53 TO #57 DURING OFF PEAK HOURS
 - NO STOPPING ALONG THE WEST SIDE OF KAIWHARAWHARA ROAD BETWEEN 4pm AND 7pm
 - P30 PARKING RESTRICTIONS CHANGED TO P60 TO ALLOW LONGER STAYS

STAGE 2: 2025
 - REFER TO DRAWINGS 902120 TO 902124
 - INSTALL FULL-TIME CYCLEWAY FOR UPHILL CYCLISTS ON WEST SIDE OF KAIWHARAWHARA ROAD
 - REMOVE ALL PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD
 - REALLOCATE LANE WIDTH TO IMPROVE SAFETY FOR DOWNHILL CYCLISTS
 - ADD PEDESTRIAN REFUGE ACROSS KAIWHARAWHARA ROAD SOUTH OF CAMERON STREET
 - OFF-PEAK LOADING ZONE OUTSIDE #53 KAIWHARAWHARA ROAD TO REMAIN

ORIGINAL SIZE: ISO A1 594mm x 841mm

CLIENT: Absolutely Positively Wellington City Council
 Me Heke Ki Pōneke

ORIGINATOR: abley
 TTT
 Tonkin+Taylor Isthmus.

REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	30% DETAILED DESIGN	C.LI	A.HEAD	28/10/2022
C02	90% DETAILED DESIGN	C.LI	A.HEAD	20/01/2023

SCALE: 1:200

DRAWING SCALE: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	90%

DRAWING STATUS: NOT FOR CONSTRUCTION

APPROVED BY:	DESIGNED:	B.RODENBURG
A.HEAD	DES. CHECK:	A.HEAD
APPROVED DATE:	DRAWN:	C.LI
20/01/2023	DRG. CHECK:	H.BENDLE

PROJECT: TRANSITIONAL CYCLEWAYS
 NGAIO TRANSITIONAL

TITLE: KAIWHARAWHARA ROAD
 GENERAL ARRANGMENT PLAN - STAGE 2
 SHEET 1

DOCUMENT: SCH - TC - NGAIoT - DRG - TR - 902120 C02

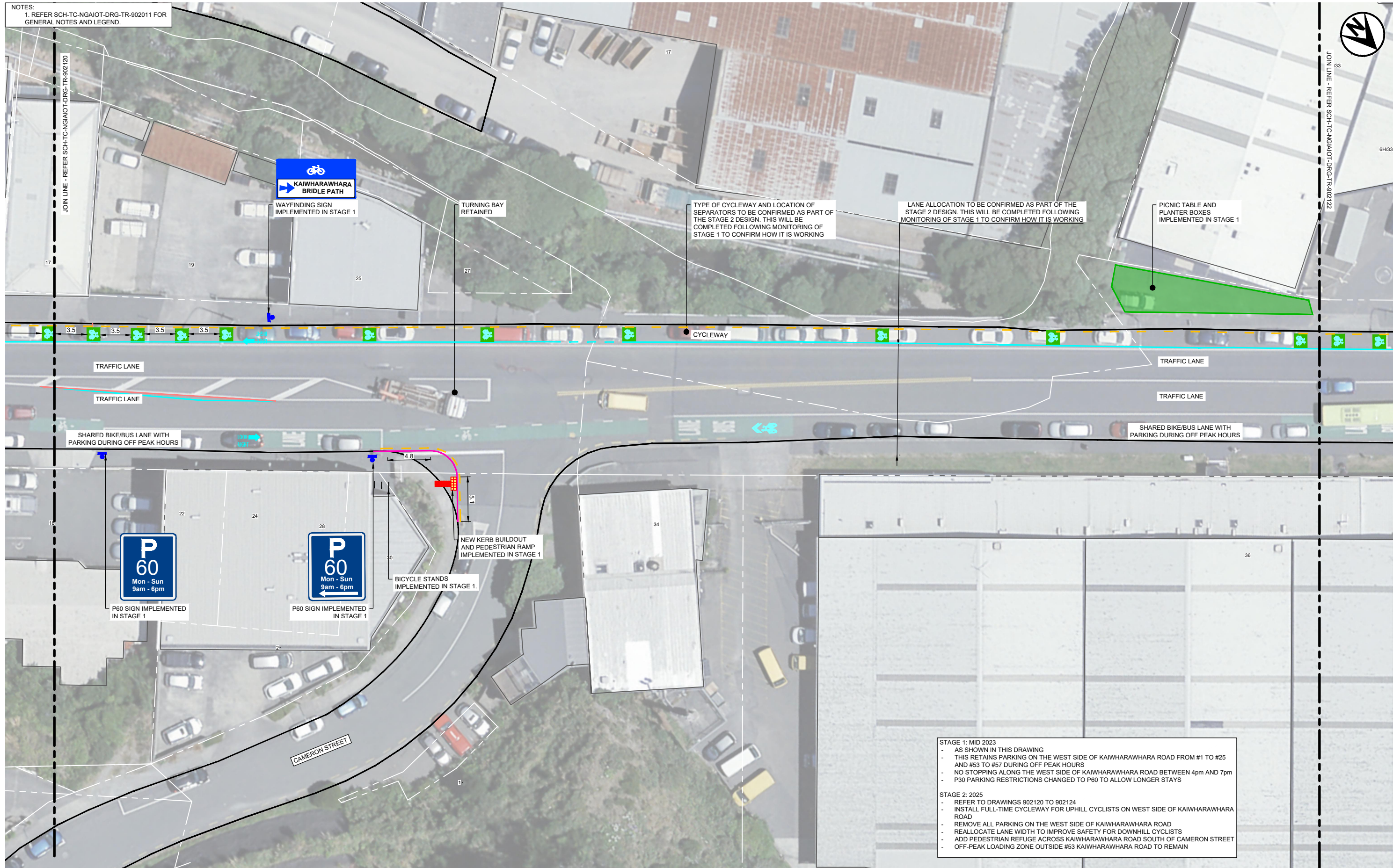
LAST SAVED BY: CHLI(2023-03-06) LAST PLOTTED: 2023-03-06

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FILE LOCATION:

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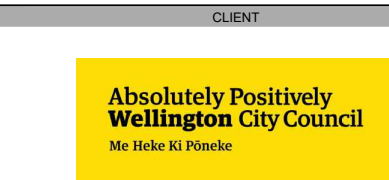
NOTES:
1. REFER SCH-TC-NGAIOT-DRG-TR-90211 FOR GENERAL NOTES AND LEGEND.



STAGE 1: MID 2023
 - AS SHOWN IN THIS DRAWING
 - THIS RETAINS PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD FROM #1 TO #25 AND #53 TO #57 DURING OFF PEAK HOURS
 - NO STOPPING ALONG THE WEST SIDE OF KAIWHARAWHARA ROAD BETWEEN 4pm AND 7pm
 - P30 PARKING RESTRICTIONS CHANGED TO P60 TO ALLOW LONGER STAYS

STAGE 2: 2025
 - REFER TO DRAWINGS 902120 TO 902124
 - INSTALL FULL-TIME CYCLEWAY FOR UPHILL CYCLISTS ON WEST SIDE OF KAIWHARAWHARA ROAD
 - REMOVE ALL PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD
 - REALLOCATE LANE WIDTH TO IMPROVE SAFETY FOR DOWNHILL CYCLISTS
 - ADD PEDESTRIAN REFUGE ACROSS KAIWHARAWHARA ROAD SOUTH OF CAMERON STREET
 - OFF-PEAK LOADING ZONE OUTSIDE #53 KAIWHARAWHARA ROAD TO REMAIN

ORIGINAL SIZE: ISO A1 594mm x 841mm



REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	30% DETAILED DESIGN	C.LI	A.HEAD	28/10/2022
C02	90% DETAILED DESIGN	C.LI	A.HEAD	20/01/2023

SCALE: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	90%
DRAWING STATUS	
NOT FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: B.RODENBURG
A.HEAD	DES. CHECK: A.HEAD
APPROVED DATE:	DRAWN: C.LI
20/01/2023	DRG. CHECK: H.BENDLE

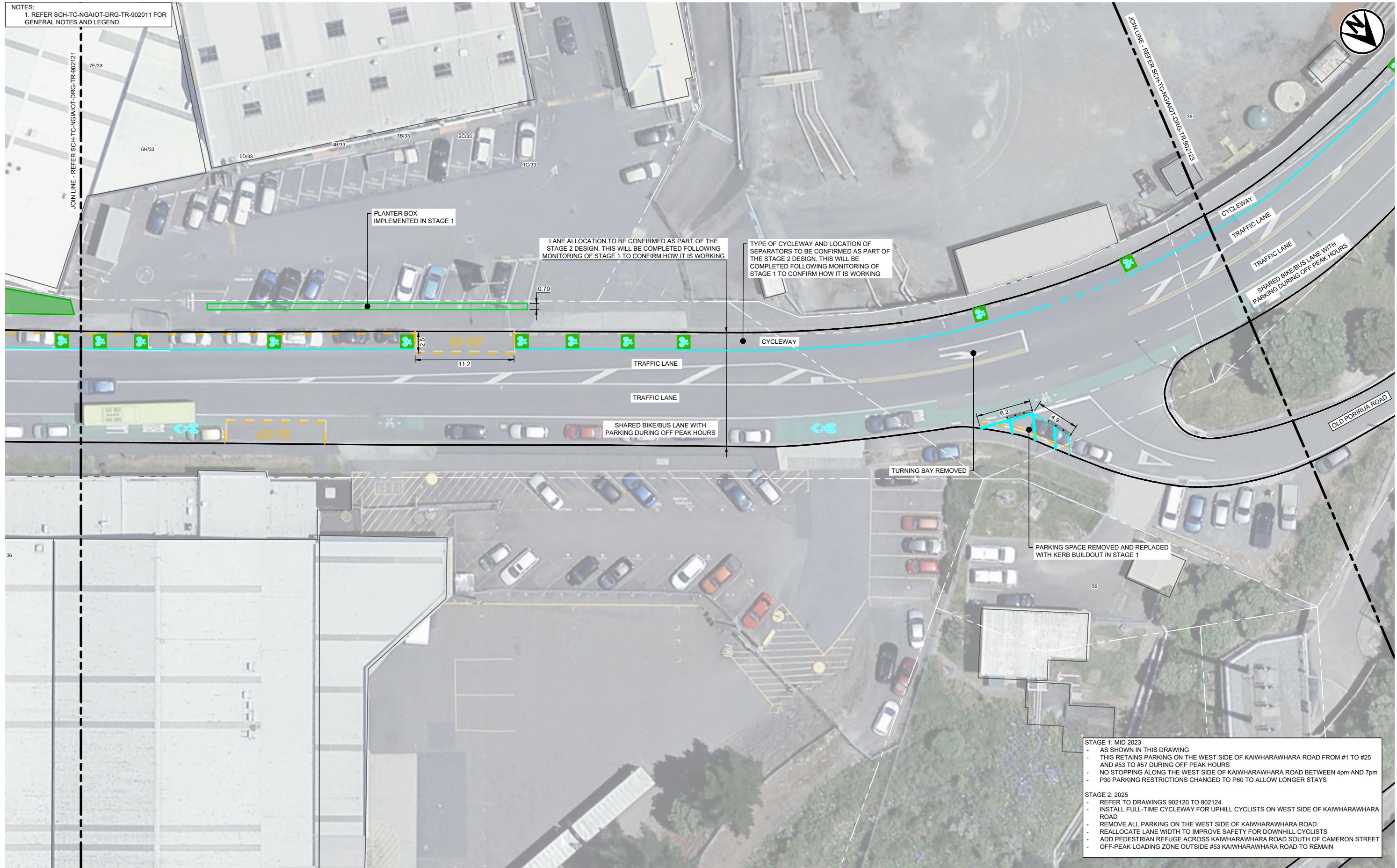
CLIENT	ORIGINATOR	PROJECT:	TRANSITIONAL CYCLEWAYS NGAIOT TRANSITIONAL
		TITLE:	KAIWHARAWHARA ROAD GENERAL ARRANGMENT PLAN - STAGE 2 SHEET 2
LAST SAVED BY: CHLI(2023-03-06)	LAST PLOTTED: 2023-03-06	DOCUMENT:	SCH - TC - NGAIOT - DRG - TR - 902121 C02

FILE LOCATION:

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NOTES:
1. REFER SCH-TC-NGAIOT-DRG-TR-902121 FOR GENERAL NOTES AND LEGEND.



STAGE 1: MID 2023

- AS SHOWN IN THIS DRAWING
- THIS RETAINS PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD FROM #1 TO #25 AND #53 TO #57 DURING OFF PEAK HOURS
- NO STOPPING ALONG THE WEST SIDE OF KAIWHARAWHARA ROAD BETWEEN 4pm AND 7pm
- P30 PARKING RESTRICTIONS CHANGED TO P60 TO ALLOW LONGER STAYS

STAGE 2: 2025

- REFER TO DRAWINGS 902120 TO 902124
- INSTALL FULL-TIME CYCLEWAY FOR UPHILL CYCLISTS ON WEST SIDE OF KAIWHARAWHARA ROAD
- REMOVE ALL PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD
- REALLOCATE LANE WIDTH TO IMPROVE SAFETY FOR DOWNHILL CYCLISTS
- ADD PEDESTRIAN REFUGE ACROSS KAIWHARAWHARA ROAD SOUTH OF CAMERON STREET
- OFF-PEAK LOADING ZONE OUTSIDE #53 KAIWHARAWHARA ROAD TO REMAIN

ORIGINAL SIZE: ISO A1 594mm x 841mm
300
200
150
100
50
0

CLIENT	ORIGINATOR

REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	30% DETAILED DESIGN	C.LI	A.HEAD	28/10/2022
C02	90% DETAILED DESIGN	C.LI	A.HEAD	20/01/2023

SCALE: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	90%
DRAWING STATUS	
NOT FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: B.RODENBURG
A.HEAD	DES. CHECK: A.HEAD
APPROVED DATE:	DRAWN: C.LI
20/01/2023	DRG. CHECK: H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS	
	NGAIO TRANSITIONAL	
TITLE:	KAIWHARAWHARA ROAD	
	GENERAL ARRANGMENT PLAN - STAGE 2	
	SHEET 3	
DOCUMENT:	SCH - TC - NGAIO - DRG - TR - 902122	C02

LAST SAVED BY: CHLI(2023-03-06) LAST PLOTTED: 2023-03-06

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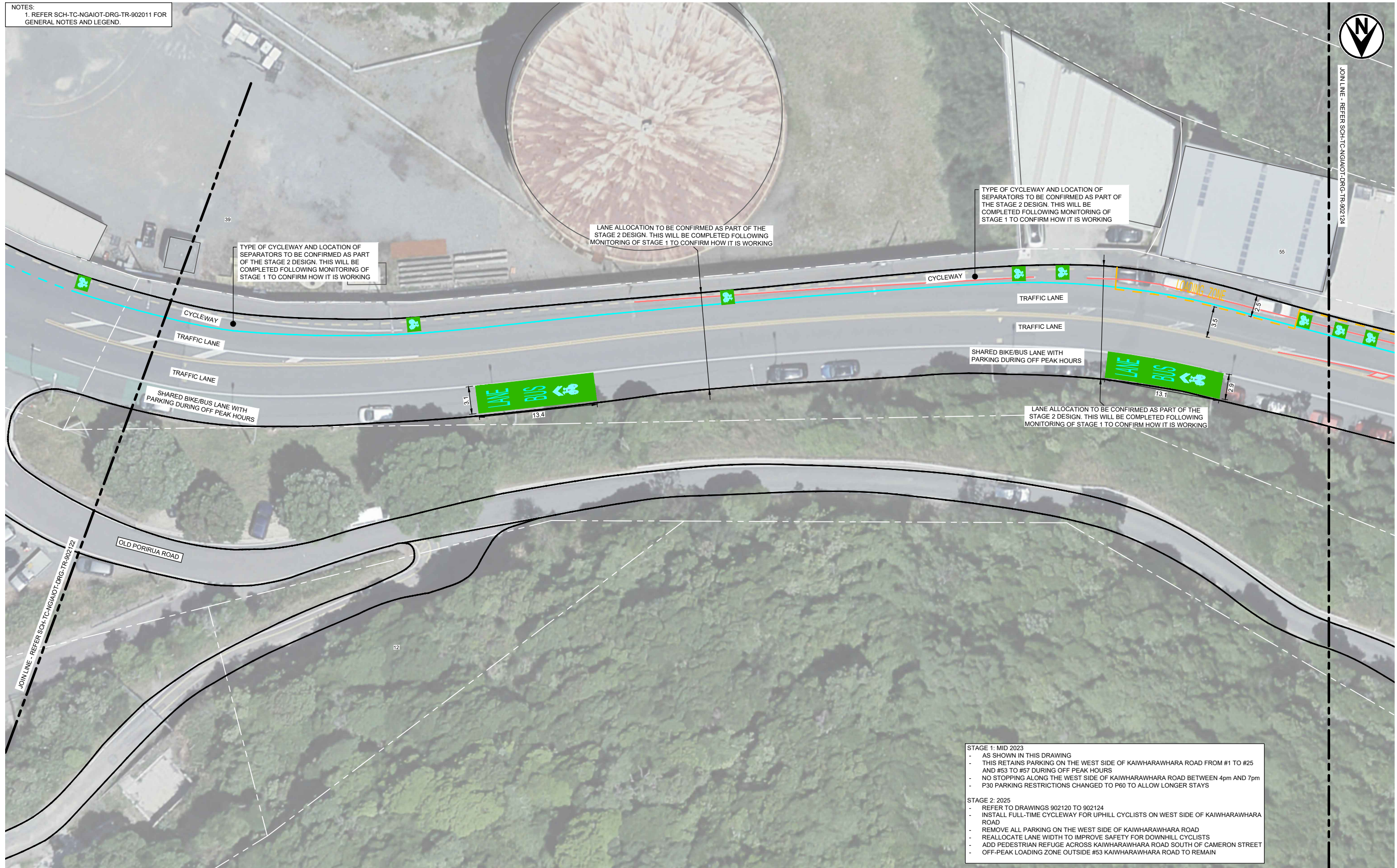
FILE LOCATION:

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NOTES:
1. REFER SCH-TC-NGAIOT-DRG-TR-902011 FOR GENERAL NOTES AND LEGEND.



JOIN LINE - REFER SCH-TC-NGAIOT-DRG-TR-902124



STAGE 1: MID 2023

- AS SHOWN IN THIS DRAWING
- THIS RETAINS PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD FROM #1 TO #25 AND #53 TO #57 DURING OFF PEAK HOURS
- NO STOPPING ALONG THE WEST SIDE OF KAIWHARAWHARA ROAD BETWEEN 4pm AND 7pm
- P30 PARKING RESTRICTIONS CHANGED TO P60 TO ALLOW LONGER STAYS

STAGE 2: 2025

- REFER TO DRAWINGS 902120 TO 902124
- INSTALL FULL-TIME CYCLEWAY FOR UPHILL CYCLISTS ON WEST SIDE OF KAIWHARAWHARA ROAD
- REMOVE ALL PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD
- REALLOCATE LANE WIDTH TO IMPROVE SAFETY FOR DOWNHILL CYCLISTS
- ADD PEDESTRIAN REFUGE ACROSS KAIWHARAWHARA ROAD SOUTH OF CAMERON STREET
- OFF-PEAK LOADING ZONE OUTSIDE #53 KAIWHARAWHARA ROAD TO REMAIN

300
200
150
100
50
0
ORIGINAL SIZE: ISO A1 594mm x 841mm



REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	30% DETAILED DESIGN	C.LI	A.HEAD	28/10/2022
C02	90% DETAILED DESIGN	C.LI	A.HEAD	20/01/2023

SCALE	1:200
DRAWING SCALE	1:200

DESIGN STAGE	DETAILED DESIGN
GATE	90%
DRAWING STATUS	NOT FOR CONSTRUCTION
APPROVED BY:	A.HEAD
DESIGNED BY:	B.RODENBURG
APPROVED DATE:	20/01/2023
DES. CHECK:	A.HEAD
DRAWN:	C.LI
DRG. CHECK:	H.BENDLE

CLIENT	ORIGINATOR	PROJECT:	TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL
		TITLE:	KAIWHARAWHARA ROAD GENERAL ARRANGMENT PLAN - STAGE 2 SHEET 4
LAST SAVED BY: CHLI(2023-03-06)	LAST PLOTTED: 2023-03-06	DOCUMENT:	SCH - TC - NGAIO T - DRG - TR - 902123 C02

FILE LOCATION:

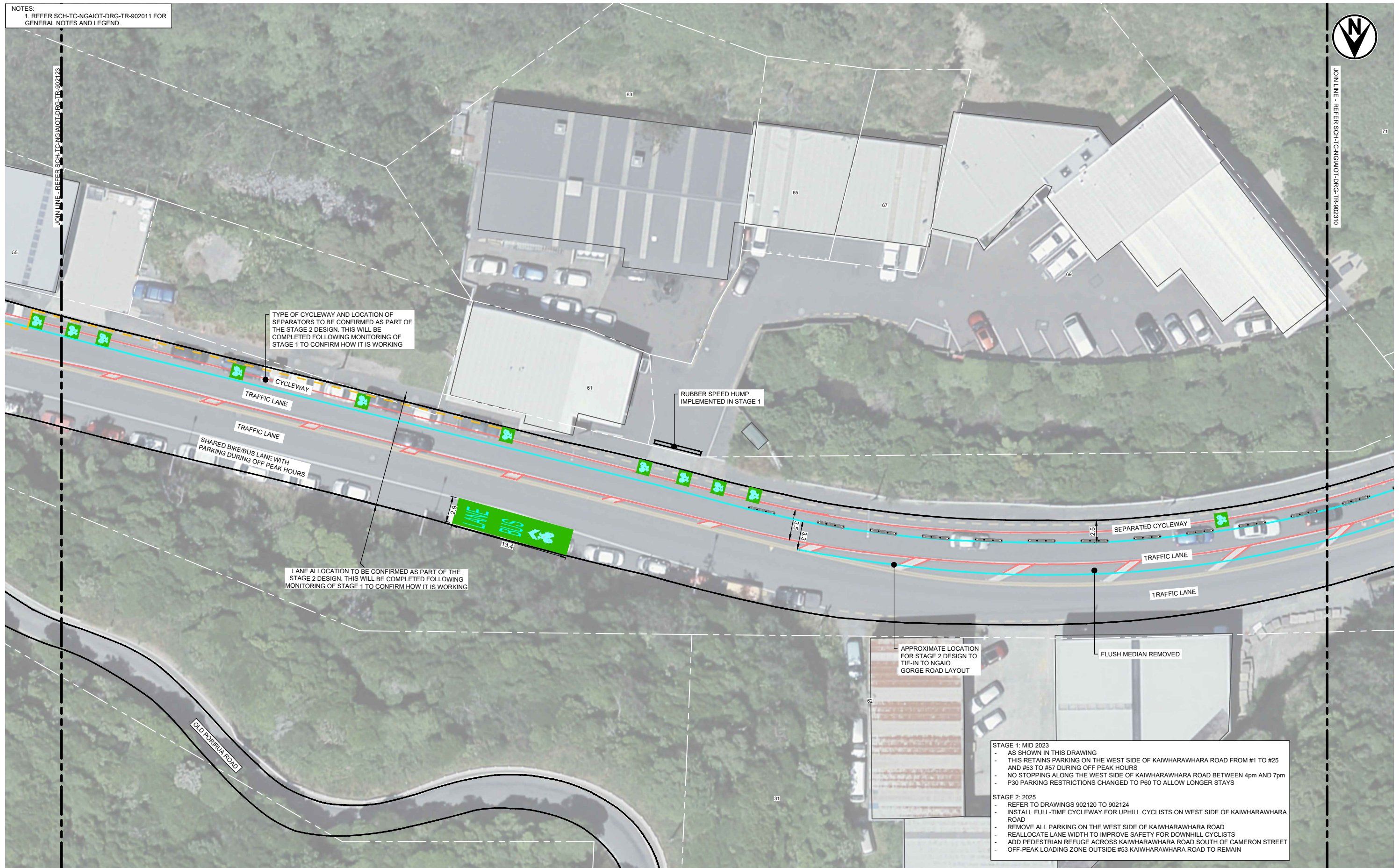
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NOTES:
1. REFER SCH-TC-NGAIOT-DRG-TR-902124 FOR GENERAL NOTES AND LEGEND.



JOIN LINE - REFER SCH-TC-NGAIOT-DRG-TR-902310



TYPE OF CYCLEWAY AND LOCATION OF SEPARATORS TO BE CONFIRMED AS PART OF THE STAGE 2 DESIGN. THIS WILL BE COMPLETED FOLLOWING MONITORING OF STAGE 1 TO CONFIRM HOW IT IS WORKING

RUBBER SPEED HUMP IMPLEMENTED IN STAGE 1

LANE ALLOCATION TO BE CONFIRMED AS PART OF THE STAGE 2 DESIGN. THIS WILL BE COMPLETED FOLLOWING MONITORING OF STAGE 1 TO CONFIRM HOW IT IS WORKING

APPROXIMATE LOCATION FOR STAGE 2 DESIGN TO TIE-IN TO NGAIO GORGE ROAD LAYOUT

FLUSH MEDIAN REMOVED

- STAGE 1: MID 2023**
- AS SHOWN IN THIS DRAWING
 - THIS RETAINS PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD FROM #1 TO #25 AND #53 TO #57 DURING OFF PEAK HOURS
 - NO STOPPING ALONG THE WEST SIDE OF KAIWHARAWHARA ROAD BETWEEN 4pm AND 7pm
 - P30 PARKING RESTRICTIONS CHANGED TO P60 TO ALLOW LONGER STAYS
- STAGE 2: 2025**
- REFER TO DRAWINGS 902120 TO 902124
 - INSTALL FULL-TIME CYCLEWAY FOR UPHILL CYCLISTS ON WEST SIDE OF KAIWHARAWHARA ROAD
 - REMOVE ALL PARKING ON THE WEST SIDE OF KAIWHARAWHARA ROAD
 - REALLOCATE LANE WIDTH TO IMPROVE SAFETY FOR DOWNHILL CYCLISTS
 - ADD PEDESTRIAN REFUGE ACROSS KAIWHARAWHARA ROAD SOUTH OF CAMERON STREET
 - OFF-PEAK LOADING ZONE OUTSIDE #53 KAIWHARAWHARA ROAD TO REMAIN

0 10 20 30 40 50

CLIENT	ORIGINATOR
Absolutely Positively Wellington City Council Me Heke Ki Pōneke	abley Tonkin+Taylor Isthmus.

REV.	DESCRIPTION	DRAWN BY	APRVD. BY	DATE
C01	30% DETAILED DESIGN	C.LI	A.HEAD	28/10/2022
C02	90% DETAILED DESIGN	C.LI	A.HEAD	20/01/2023

SCALE: 1:200

DRAWING SCALE: 1:200

DESIGN STAGE	GATE
DETAILED DESIGN	90%
DRAWING STATUS	
NOT FOR CONSTRUCTION	
APPROVED BY:	DESIGNED: B.RODENBURG
A.HEAD	DES. CHECK: A.HEAD
APPROVED DATE:	DRAWN: C.LI
20/01/2023	DRG. CHECK: H.BENDLE

PROJECT:	TRANSITIONAL CYCLEWAYS NGAIO TRANSITIONAL
TITLE:	KAIWHARAWHARA ROAD GENERAL ARRANGEMENT PLAN - STAGE 2 SHEET 5
DOCUMENT:	SCH - TC - NGAIO T - DRG - TR - 902124 C02

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