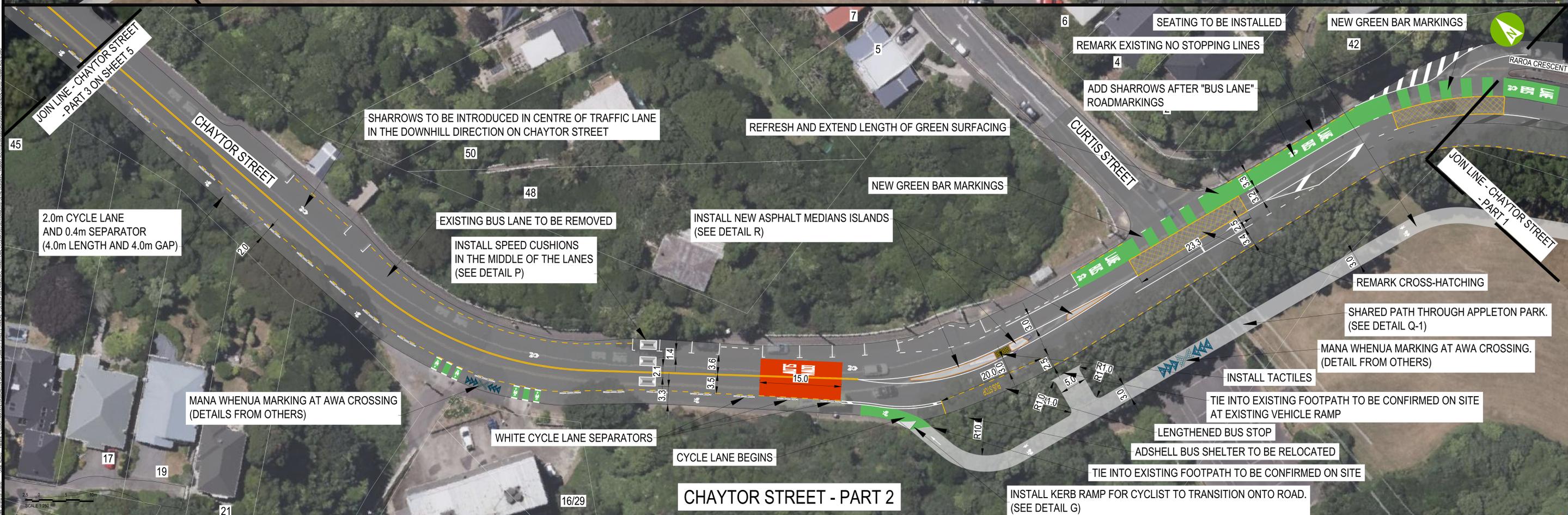
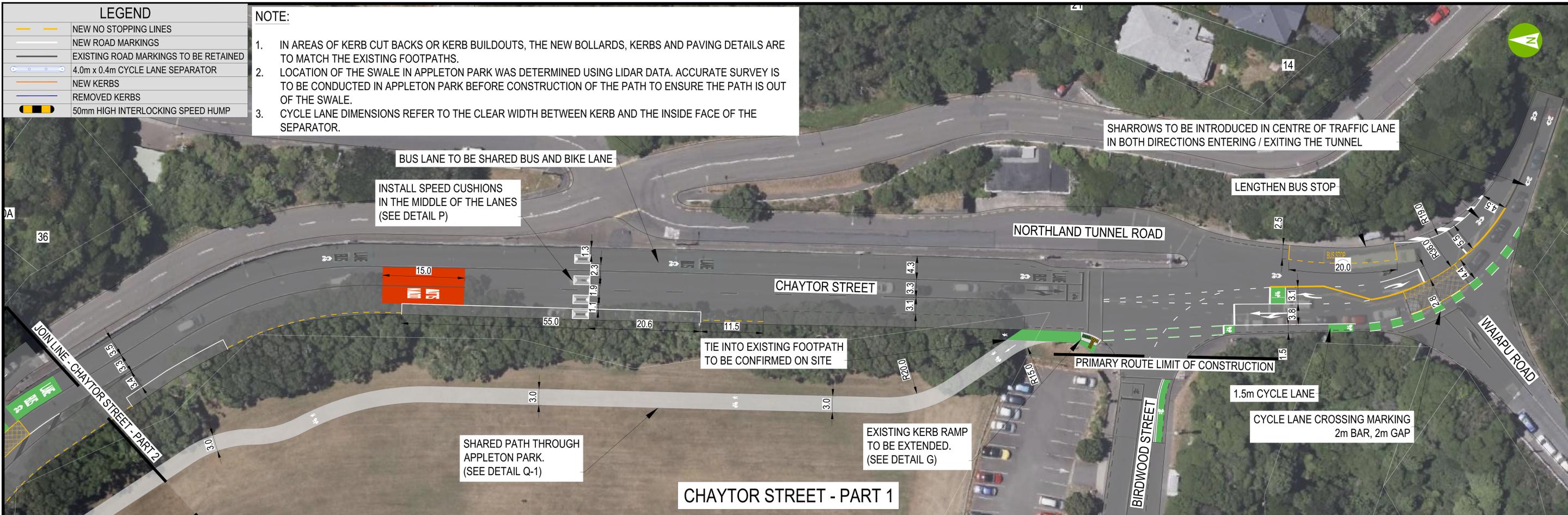


LEGEND	
	NEW NO STOPPING LINES
	NEW ROAD MARKINGS
	EXISTING ROAD MARKINGS TO BE RETAINED
	4.0m x 0.4m CYCLE LANE SEPARATOR
	NEW KERBS
	REMOVED KERBS
	50mm HIGH INTERLOCKING SPEED HUMP

NOTE:

1. IN AREAS OF KERB CUT BACKS OR KERB BUILDOUTS, THE NEW BOLLARDS, KERBS AND PAVING DETAILS ARE TO MATCH THE EXISTING FOOTPATHS.
2. LOCATION OF THE SWALE IN APPLETON PARK WAS DETERMINED USING LIDAR DATA. ACCURATE SURVEY IS TO BE CONDUCTED IN APPLETON PARK BEFORE CONSTRUCTION OF THE PATH TO ENSURE THE PATH IS OUT OF THE SWALE.
3. CYCLE LANE DIMENSIONS REFER TO THE CLEAR WIDTH BETWEEN KERB AND THE INSIDE FACE OF THE SEPARATOR.



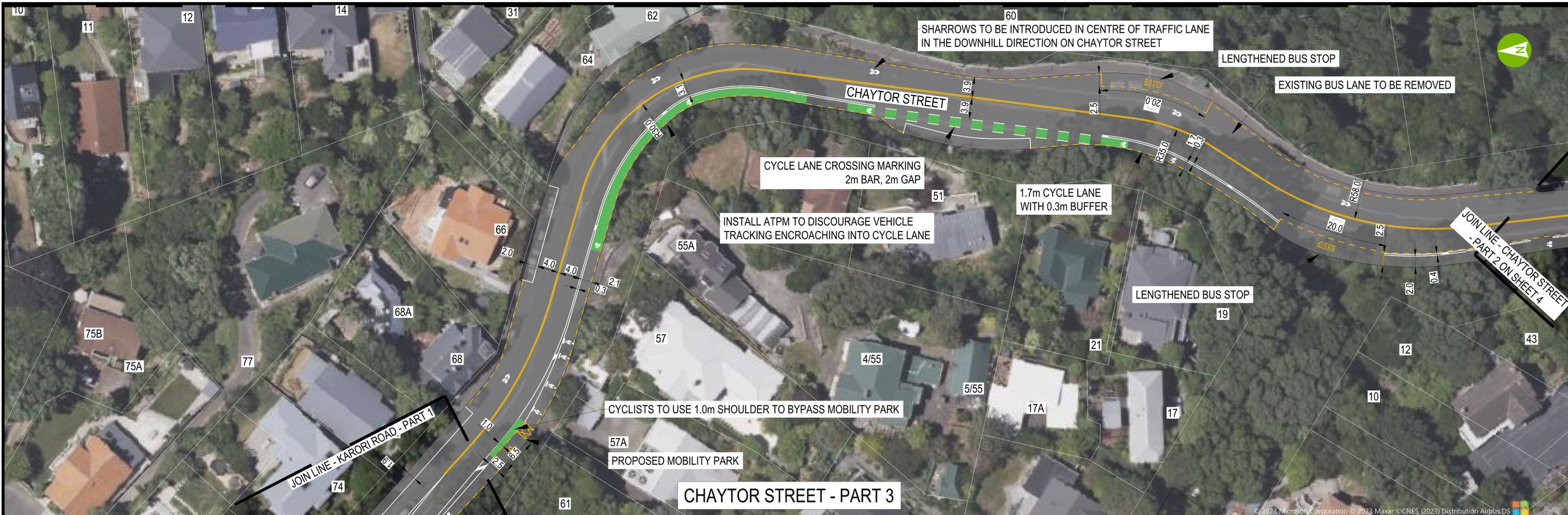
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REV	DATE	REVISION DETAILS	APPROVED
0	15/10/23	FOR CONSTRUCTION	G MURISON
1	26/01/24	ONLY NEW ROAD MARKINGS DISPLAYED	G MURISON
2	26/02/24	FOR CONSTRUCTION - APPLETON PARK REALIGNMENT	G MURISON
3	05/03/24	FOR CONSTRUCTION - APPLETON PARK REALIGNMENT	G MURISON
4	27/03/24	FOR CONSTRUCTION	G MURISON

SCALE	SIZE	FOR CONSTRUCTION
1:250	A0	FOR CONSTRUCTION

PROJECT	TITLE
KARORI TO BOTANIC GARDEN KI PĀEKAKA CONNECTIONS WCC TRANSITIONAL CYCLEWAYS	GENERAL LAYOUT PRIMARY ROUTE - IFC DESIGNS CHAYTOR STREET SHEET 4 (OF 9)



LEGEND

	NEW NO STOPPING LINES
	NEW ROAD MARKINGS
	EXISTING ROAD MARKINGS TO BE RETAINED
	4.0m x 0.4m CYCLE LANE SEPARATOR
	NEW KERBS
	REMOVED KERBS
	50mm HIGH INTERLOCKING SPEED HUMP

NOTE:

1. IN AREAS OF KERB CUT BACKS OR KERB BUILDOUTS, THE NEW BOLLARDS, KERBS AND PAVING DETAILS ARE TO MATCH THE EXISTING FOOTPATHS.
2. CYCLE LANE DIMENSIONS REFER TO THE CLEAR WIDTH BETWEEN KERB AND THE INSIDE FACE OF THE SEPARATOR.

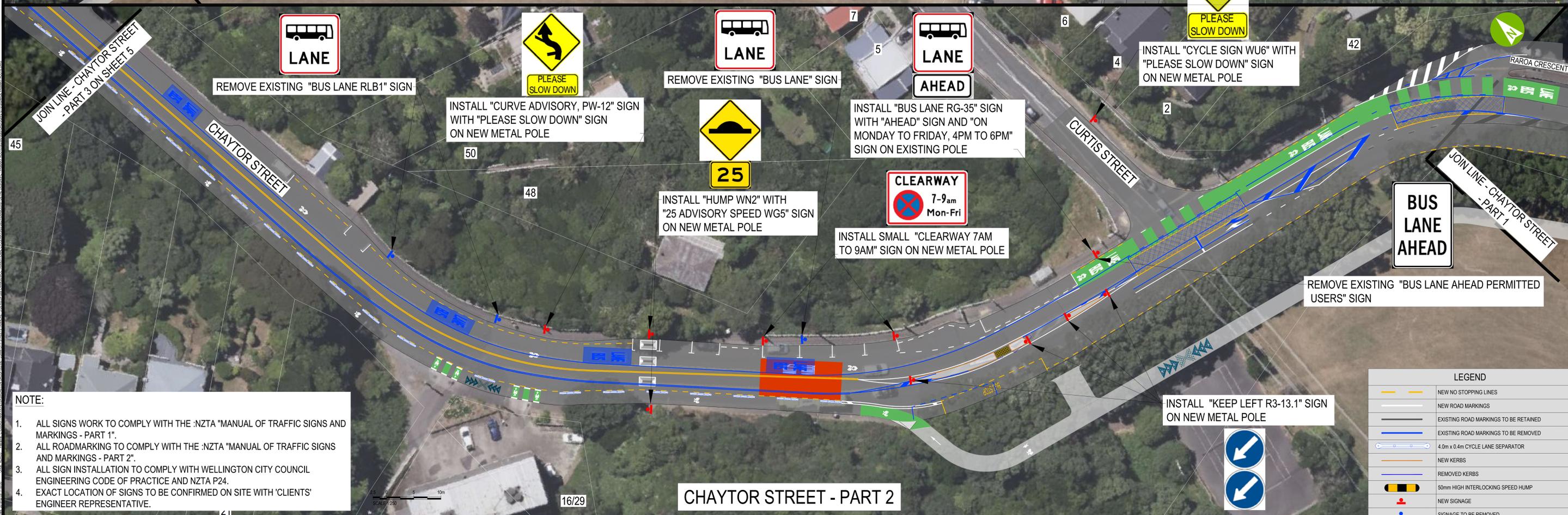
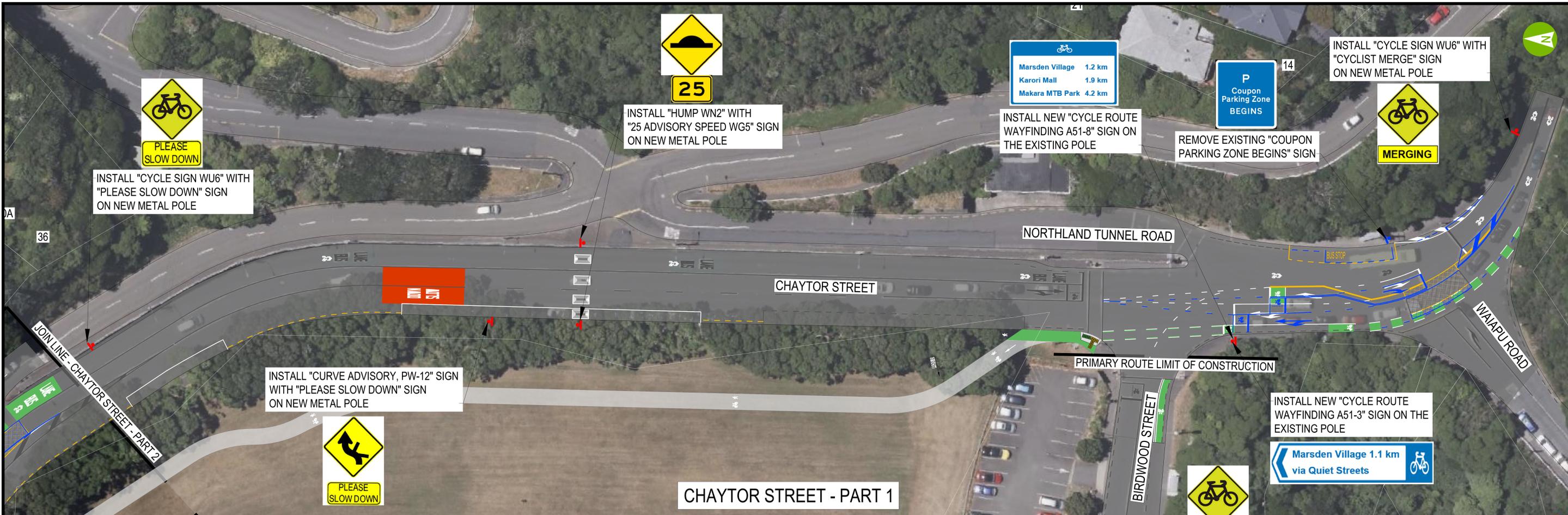
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REV	DATE	REVISION DETAILS	APPROVED
0	15/10/23	FOR CONSTRUCTION	G.MURISON
1	26/02/24	FOR CONSTRUCTION	G.MURISON
2	27/03/24	FOR CONSTRUCTION	G.MURISON

SCALE	1:250
SIZE	A0
FOR CONSTRUCTION	DATE
APPROVED	DATE

PROJECT	KARORI TO BOTANIC GARDEN KI PĀEKAKA CONNECTIONS WCC TRANSITIONAL CYCLEWAYS		
TITLE	GENERAL LAYOUT PRIMARY ROUTE - IFC DESIGNS CHAYTOR STREET & KARORI ROAD SHEET 5 (OF 9)		
DRAWING No.	522550	AREA	0000
		ITC	DRG
		DGN	DGN
		NUMBER	0015
		REV	2



NOTE:

1. ALL SIGNS WORK TO COMPLY WITH THE NZTA "MANUAL OF TRAFFIC SIGNS AND MARKINGS - PART 1".
2. ALL ROADMARKING TO COMPLY WITH THE NZTA "MANUAL OF TRAFFIC SIGNS AND MARKINGS - PART 2".
3. ALL SIGN INSTALLATION TO COMPLY WITH WELLINGTON CITY COUNCIL ENGINEERING CODE OF PRACTICE AND NZTA P24.
4. EXACT LOCATION OF SIGNS TO BE CONFIRMED ON SITE WITH 'CLIENTS' ENGINEER REPRESENTATIVE.

LEGEND	
	NEW NO STOPPING LINES
	NEW ROAD MARKINGS
	EXISTING ROAD MARKINGS TO BE RETAINED
	EXISTING ROAD MARKINGS TO BE REMOVED
	4.0m x 0.4m CYCLE LANE SEPARATOR
	NEW KERBS
	REMOVED KERBS
	50mm HIGH INTERLOCKING SPEED HUMP
	NEW SIGNAGE
	SIGNAGE TO BE REMOVED

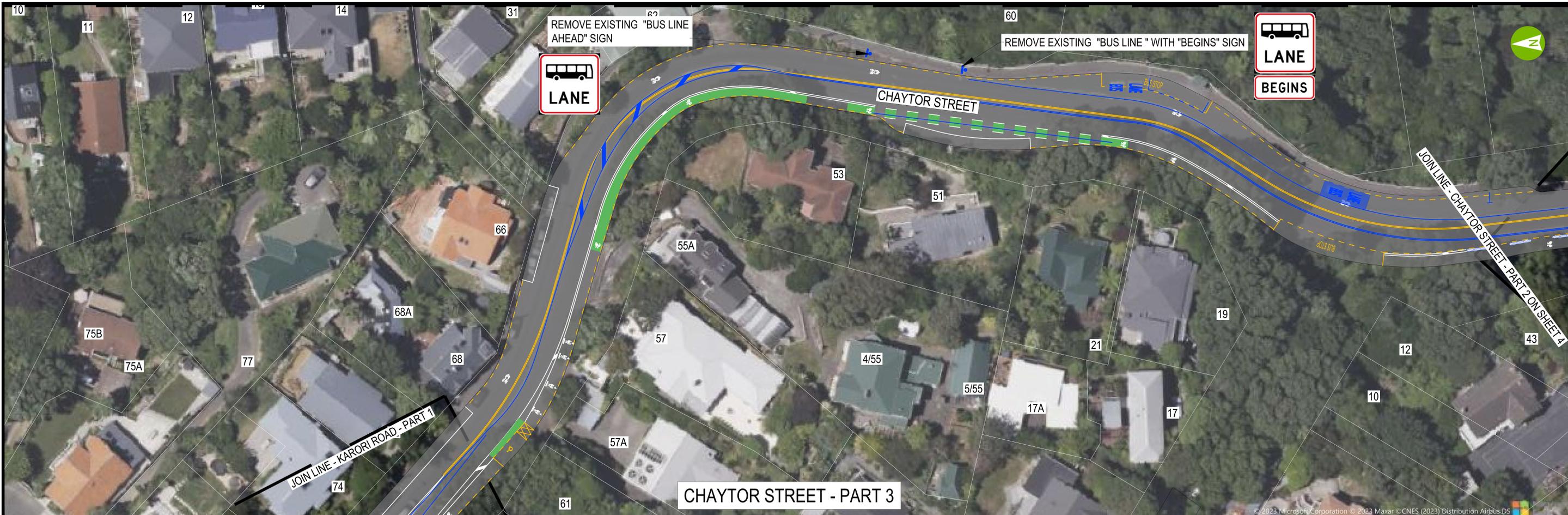


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REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE
0	15/10/23	FOR CONSTRUCTION	G.MURISON	1:250	A0
1	26/02/24	FOR CONSTRUCTION	G.MURISON		
2	27/03/24	FOR CONSTRUCTION	G.MURISON		

APPROVED	DATE
G.MURISON	
T.PETERS	
T.PETERS	
M.FRANCIS	

PROJECT	TITLE	PROJECT No.	AREA	DATE	NUMBER	REV
KARORI TO BOTANIC GARDEN KI PAKAKA CONNECTIONS WCC TRANSITIONAL CYCLEWAYS	SIGNAGE PRIMARY ROUTE - IFC DESIGNS CHAYTOR STREET	522550	0000	DRG	DGN	0114
	SHEET 4 (OF 9)					2



LEGEND

	NEW NO STOPPING LINES
	NEW ROAD MARKINGS
	EXISTING ROAD MARKINGS TO BE RETAINED
	EXISTING ROAD MARKINGS TO BE REMOVED
	4.0m x 0.4m CYCLE LANE SEPARATOR
	NEW KERBS
	REMOVED KERBS
	50mm HIGH INTERLOCKING SPEED HUMP
	NEW SIGNAGE
	SIGNAGE TO BE REMOVED

NOTE:

1. ALL SIGNS WORK TO COMPLY WITH THE :NZTA "MANUAL OF TRAFFIC SIGNS AND MARKINGS - PART 1".
2. ALL ROADMARKING TO COMPLY WITH THE :NZTA "MANUAL OF TRAFFIC SIGNS AND MARKINGS - PART 2".
3. ALL SIGN INSTALLATION TO COMPLY WITH WELLINGTON CITY COUNCIL ENGINEERING CODE OF PRACTICE AND NZTA P24.
4. EXACT LOCATION OF SIGNS TO BE CONFIRMED ON SITE WITH 'CLIENTS' ENGINEER REPRESENTATIVE.



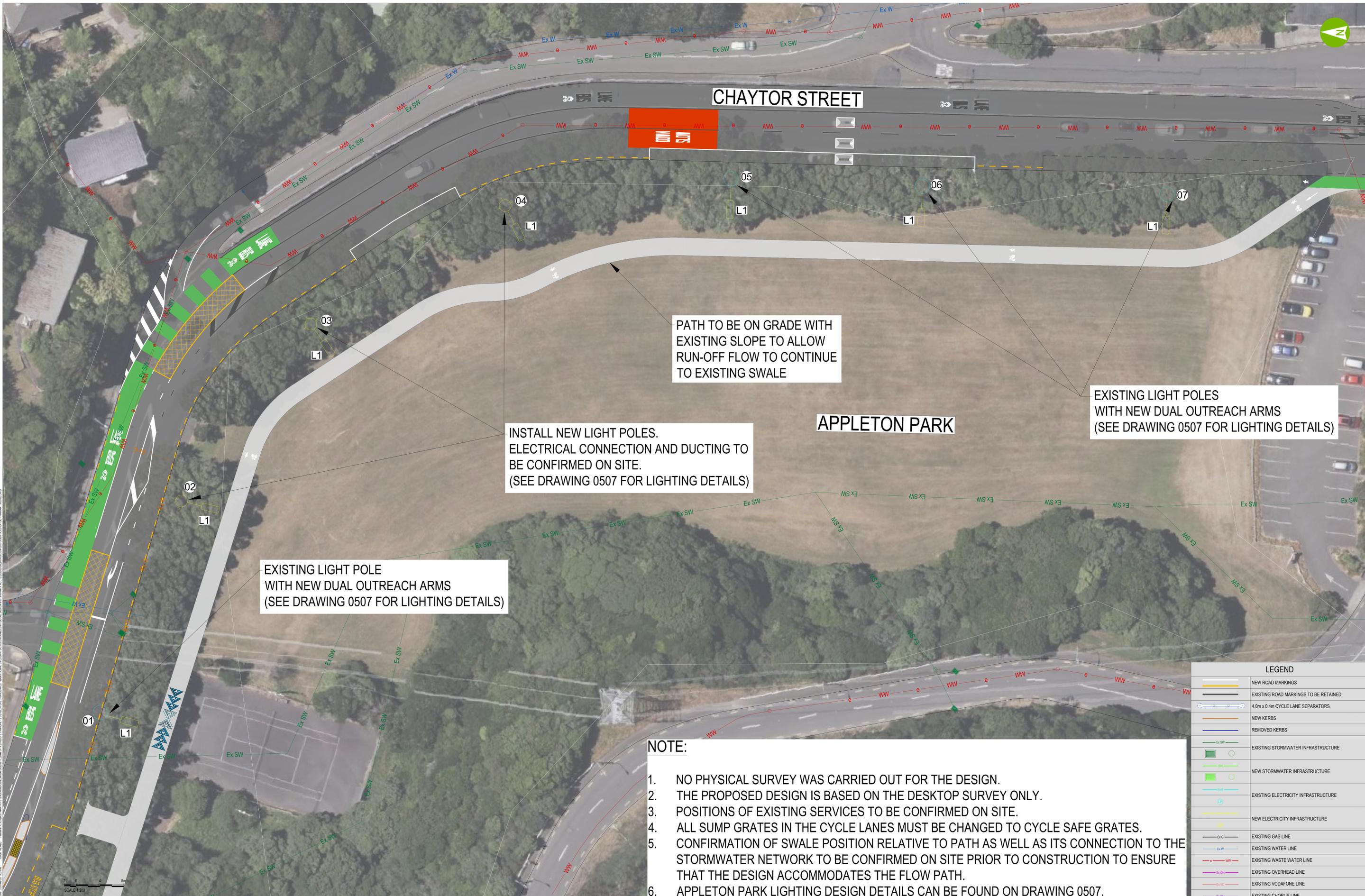
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REV	DATE	REVISION DETAILS	APPROVED
0	02/02/24	FOR CONSTRUCTION	G.MURISON
1	26/02/24	FOR CONSTRUCTION	G.MURISON
2	27/03/24	FOR CONSTRUCTION	G.MURISON

SCALE	1:250
SIZE	A0
FOR CONSTRUCTION	
APPROVED	
DATE	
DRAWN	T.PETERS
DESIGNED	T.PETERS
REVIEWED	M.FRANCIS

PROJECT	KARORI TO BOTANIC GARDEN KI PAKAKA CONNECTIONS WCC TRANSITIONAL CYCLEWAYS			
TITLE	SIGNAGE PRIMARY ROUTE - IFC DESIGNS CHAYTOR STREET & KARORI ROAD SHEET 5 (OF 9)			
DRAWING No.	522550	AREA	0000	DRG
		TTC	DGN	NUMBER
				0115
				REV
				2



PATH TO BE ON GRADE WITH EXISTING SLOPE TO ALLOW RUN-OFF FLOW TO CONTINUE TO EXISTING SWALE

INSTALL NEW LIGHT POLES. ELECTRICAL CONNECTION AND DUCTING TO BE CONFIRMED ON SITE. (SEE DRAWING 0507 FOR LIGHTING DETAILS)

EXISTING LIGHT POLES WITH NEW DUAL OUTREACH ARMS (SEE DRAWING 0507 FOR LIGHTING DETAILS)

EXISTING LIGHT POLE WITH NEW DUAL OUTREACH ARMS (SEE DRAWING 0507 FOR LIGHTING DETAILS)

NOTE:

1. NO PHYSICAL SURVEY WAS CARRIED OUT FOR THE DESIGN.
2. THE PROPOSED DESIGN IS BASED ON THE DESKTOP SURVEY ONLY.
3. POSITIONS OF EXISTING SERVICES TO BE CONFIRMED ON SITE.
4. ALL SUMP GRATES IN THE CYCLE LANES MUST BE CHANGED TO CYCLE SAFE GRATES.
5. CONFIRMATION OF SWALE POSITION RELATIVE TO PATH AS WELL AS ITS CONNECTION TO THE STORMWATER NETWORK TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION TO ENSURE THAT THE DESIGN ACCOMMODATES THE FLOW PATH.
6. APPLETON PARK LIGHTING DESIGN DETAILS CAN BE FOUND ON DRAWING 0507.

LEGEND	
	NEW ROAD MARKINGS
	EXISTING ROAD MARKINGS TO BE RETAINED
	4.0m x 0.4m CYCLE LANE SEPARATORS
	NEW KERBS
	REMOVED KERBS
	EXISTING STORMWATER INFRASTRUCTURE
	NEW STORMWATER INFRASTRUCTURE
	EXISTING ELECTRICITY INFRASTRUCTURE
	NEW ELECTRICITY INFRASTRUCTURE
	EXISTING GAS LINE
	EXISTING WATER LINE
	EXISTING WASTE WATER LINE
	EXISTING OVERHEAD LINE
	EXISTING VODAFONE LINE
	EXISTING CHORUS LINE

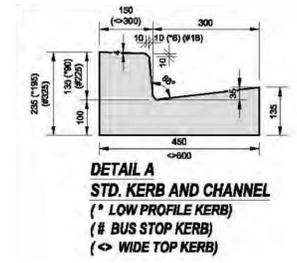
REV	DATE	REVISION DETAILS	APPROVED
0	15/10/23	FOR CONSTRUCTION	G. MURISON
1	26/02/24	FOR CONSTRUCTION	G. MURISON
2	15/03/24	FOR CONSTRUCTION - PATH REALIGNMENT	G. MURISON
3	27/03/24	FOR CONSTRUCTION	G. MURISON

SCALE	SIZE	FOR CONSTRUCTION
1:200	A0	FOR CONSTRUCTION
DRAWN		APPROVED
DESIGNED		DATE
REVIEWED		
R. VAN LIEROP		

PROJECT	TITLE	PROJECT No.	AREA	ITC	DCC	NUMBER	REV
KARORI TO BOTANIC GARDEN KI PAKAKA CONNECTIONS WCC TRANSITIONAL CYCLEWAYS	SERVICE LAYOUT PRIMARY ROUTE - IFC DESIGNS CHAYTOR STREET - APPLETON PARK SHEET 4 (OF 10)	522550	0000	DRG	DGN	0314	3

NOTE:

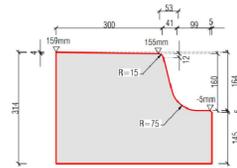
- STANDARD KERB SHALL BE LAID ON 300mm (MIN) GAP65 SUBBASE IN ROADS AND 100mm GAP40 IN FOOTPATHS (WHERE SUBGRADE CBR>5) IF THE SUBGRADE CBR<5 THEN ROADS AND FOOTPATH MUST BE UNDERCUT AND BACKFILLED WITH FILLING MATERIALS.
- TACTILE GROUND INDICATORS MUST BE INSTALLED IN ACCORDANCE WITH:
 - NZTA RTS 14: GUIDELINE FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS
 - ASINZS 1428.4:2009 DESIGN FOR ACCESS AND MOBILITY
 - WAKA KOTAHĪ 20-20 TACTILE INDICATOR INSTALLATION NOTE
- REFER TO WCC CODE OF PRACTICE FOR LAND DEVELOPMENT FOR TACTILE BEDDING PROPERTIES.
- PRAM CROSSING RAMP AND FLARING 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.
- EXTEND THE PAVEMENT SURFACE 300mm FOR THE TRAVERSE JOINTS AND 500mm FOR THE LONGITUDINALLY POSITIONED JOINTS TO BE LOCATED OUTSIDE OF WHEELPATHS.



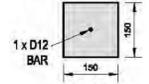
A-1 STANDARD KERB
SCALE 1:10



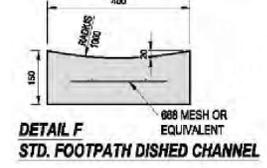
A-2 MOUNTABLE KERB
SCALE 1:10



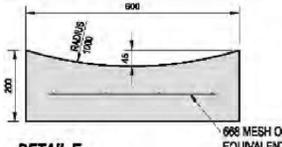
A-3 KASSEL KERB
SCALE 1:10



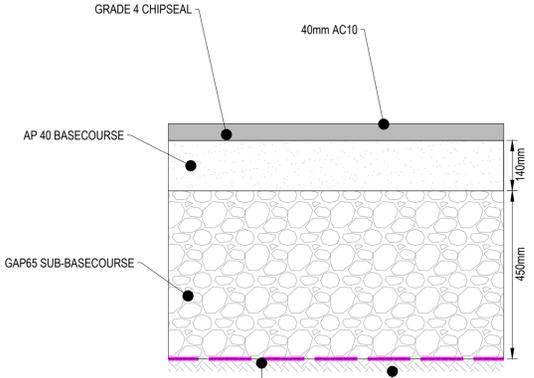
A-4 STANDARD NIB
SCALE 1:10



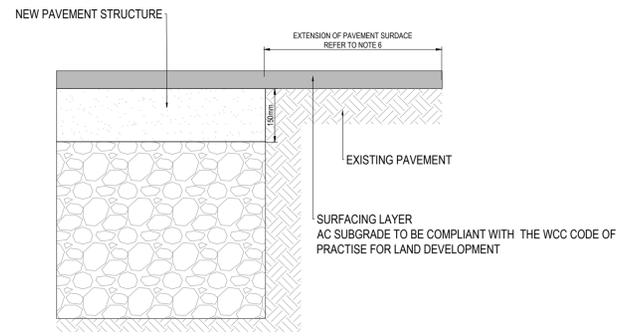
B-1 FOOTPATH DISHED CHANNEL
SCALE 1:10



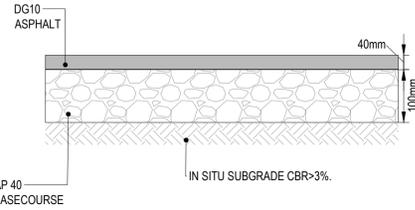
B-2 CARRIAGEWAY DISHED CHANNEL
SCALE 1:10



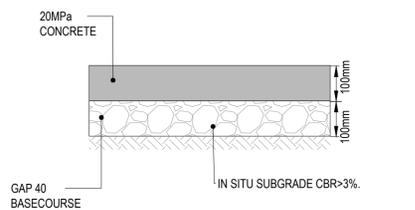
C ROAD PAVEMENT DETAIL
SCALE 1:10



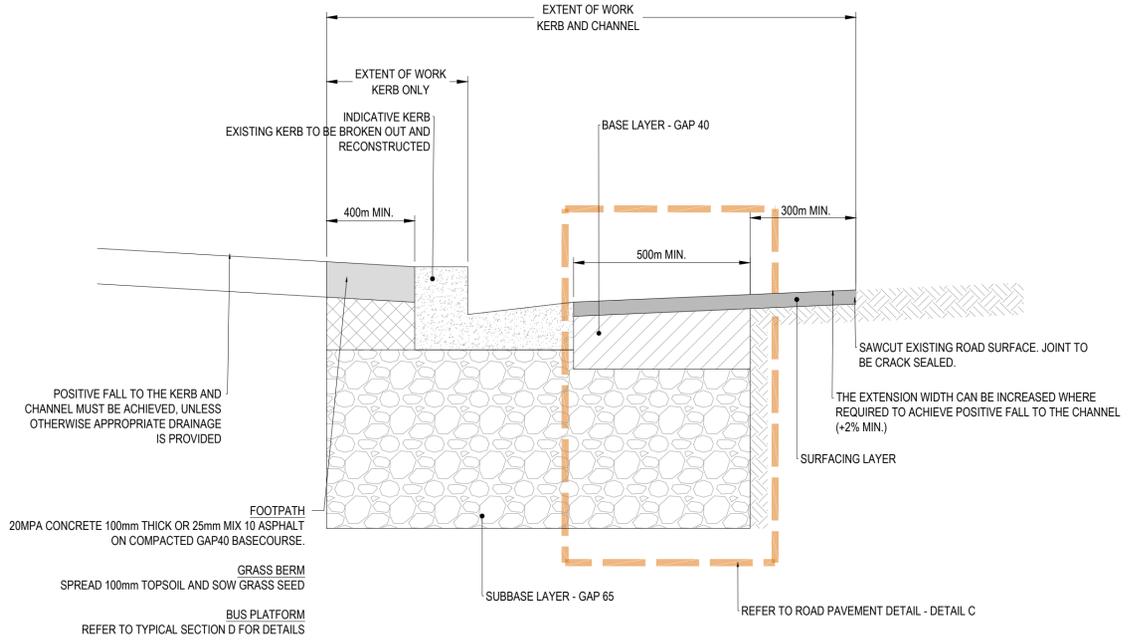
C-1 PAVEMENT JOINTS
SCALE 1:10



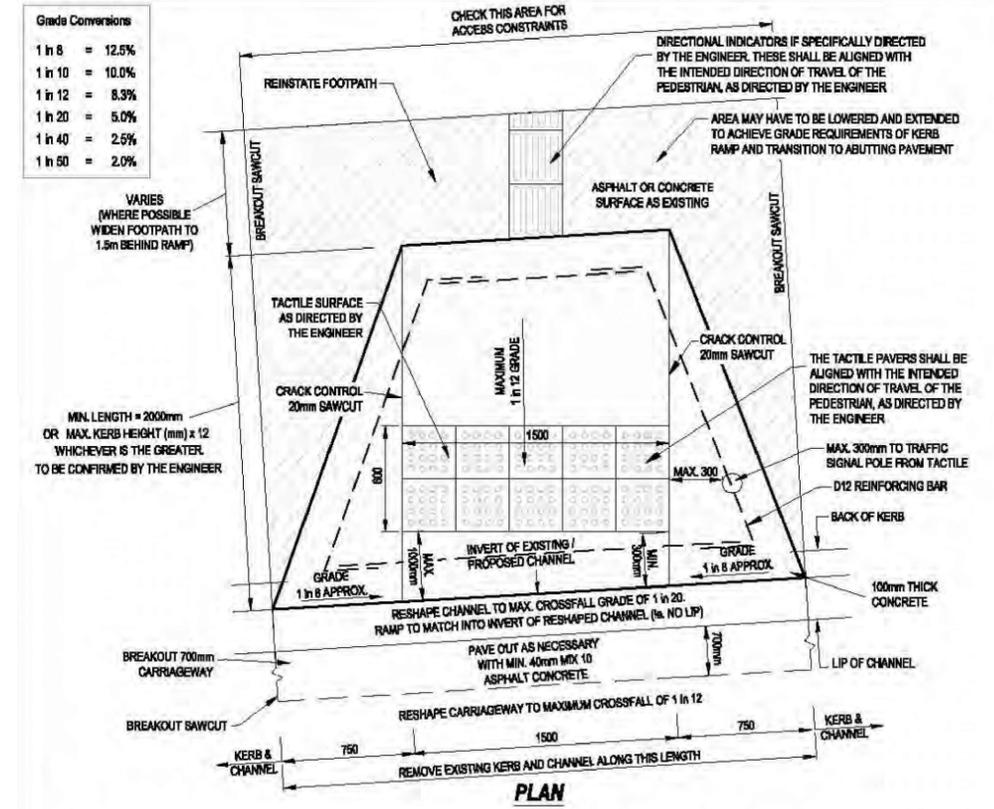
D ASPHALT FOOTPATH PAVEMENT
SCALE 1:10



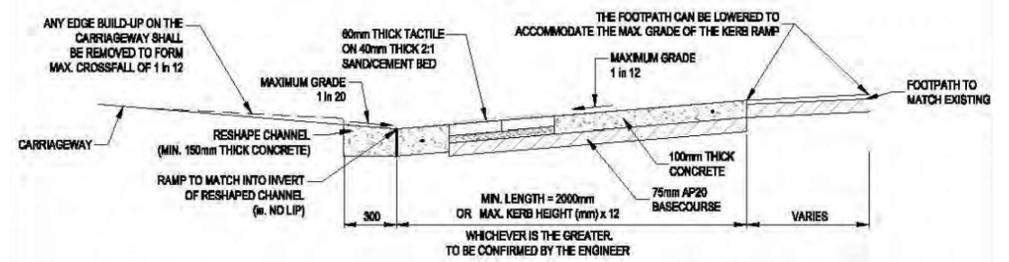
E CONCRETE FOOTPATH PAVEMENT
SCALE 1:10



F KERB AND CHANNEL AND KERB ONLY REPLACEMENT
SCALE 1:10



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



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

File Name: C:\USERS\TERRY\FETERS\AURECON GROUP\22595 - LOWM CITY STREETS TRANSDIE - 3 DEVELOP305 CHANGE WCC TRANSITIONAL CYCLEWAYS\50 DELIVERABLES\7 DETAIL DESIGN\3 - PRIMARY ROUTES\2525550-0000 DRG-DGN-000-01 TYPICAL DETAILS.DWG
 Plot Date: 2018-02-28 11:02:00
 Office Path:

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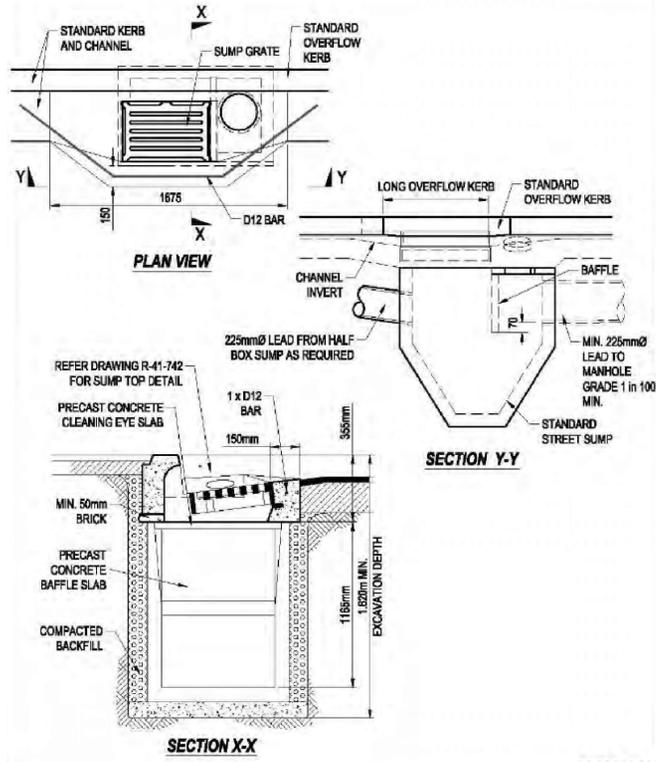
REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE
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1	15/03/24	FOR CONSTRUCTION	G MURISON		

CLIENT	REV	DATE	REVISION DETAILS	APPROVED	SCALE	SIZE
	0	15/12/23	FOR CONSTRUCTION	G MURISON	AS SHOWN	A1
	1	15/03/24	FOR CONSTRUCTION	G MURISON		
					DRAWN	
					T PETERS	
					DESIGNED	
					T PETERS	
					REVIEWED	
					S HAMILTON	

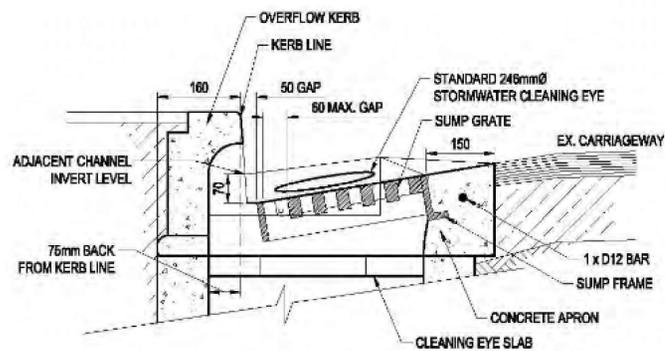
FOR CONSTRUCTION	PROJECT	DATE	TITLE	PROJECT No.	AREA	TYPE	DISC	NUMBER	REV
	KARORI TO BOTANIC GARDEN KI PĀEKĀKA CONNECTIONS WCC TRANSITIONAL CYCLEWAYS		KERBS, PAVEMENTS, PEDESTRIAN RAMP TYPICAL DETAILS PRIMARY ROUTE - 100% DESIGN IFC	522550	0000	DRG	DGN	0504	1

NOTE:

- 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 METRICAL.
- ROAD SURFACE JOINT ARE TO BE SEALED WITH APPROVED SEALANT.
- WHERE STABILISED LAYERS EXIST UNDER THE PAVEMENT, THE TRENCH SHALL BE REINSTATED WITH SIMILAR METRICAL. USING OTHER MATERIAL SHALL BE APPROVED BY THE ENGINEER.
- SEE WELLINGTON WATER REGIONAL SPECIFICATION FOR WATER SERVICES DRG-01 FOR MANHOLE INSTALLATION DETAILS.
- SET OUT OF CATCHPIT 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
- HALF BOX SUMP:
 - HALF BOX SUMP IS TO MATCH WELLINGTON CITY COUNCIL STANDARD SUMP REQUIREMENTS. ADDITIONAL REQUIREMENTS FOR HALF BOX SUMP ARE NOTED.
 - HALF BOX SUMP LID LEVEL IS TO BE AT LEAST 150mm LOWER THAN THE UPSTREAM INLET SUMP LID LEVEL.
 - ALL CONNECTIONS TO THE HALF BOX SUMP SYSTEM ARE TO BE SEALED.
- SUMPS ARE TO BE INSTALLED IN ACCORDANCE WITH WELLINGTON CITY COUNCIL'S CODE OF PRACTICE

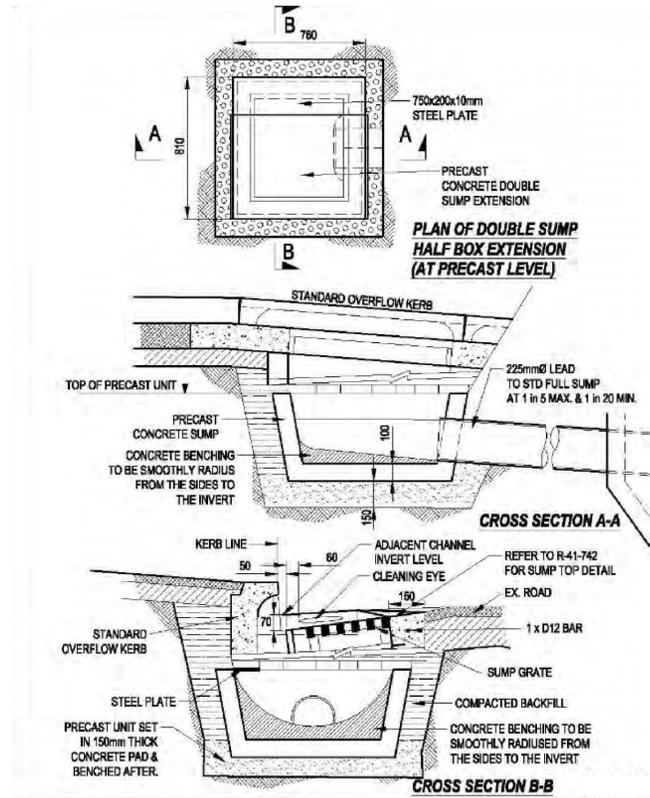


H WCC SUMP AND SECTION
SCALE 1:25



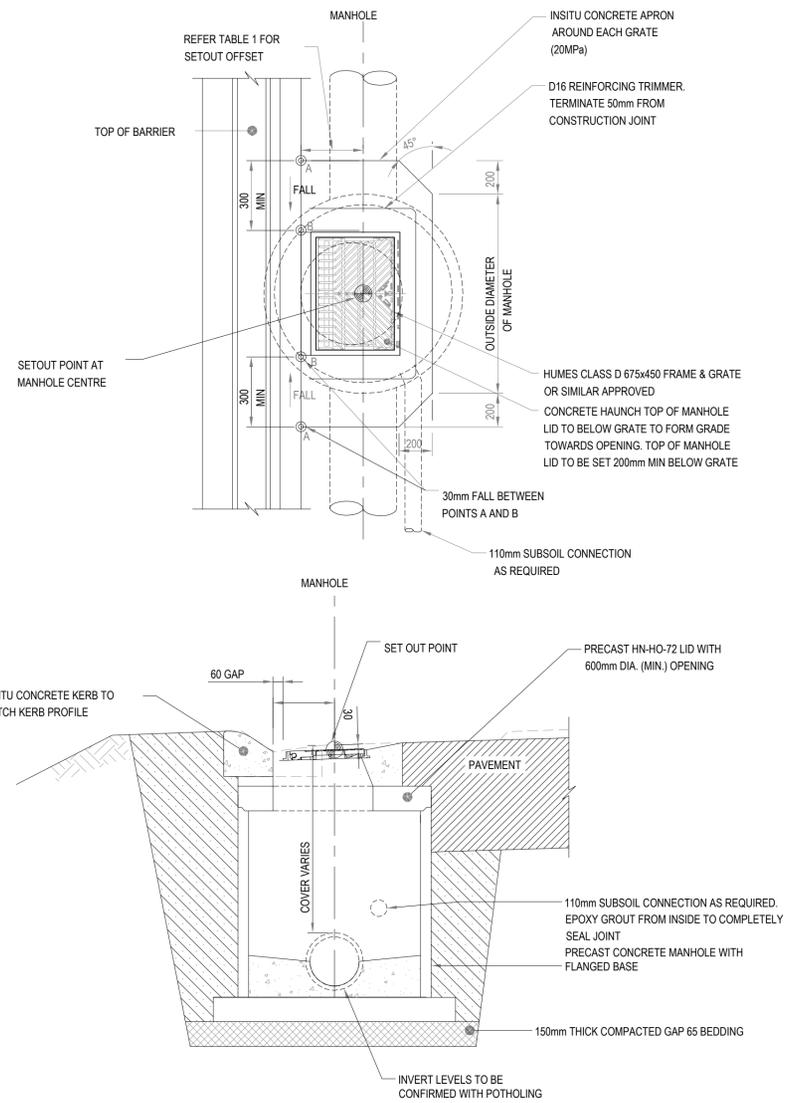
REFER TO PLAN NO. R-41-742 IN WCC CODE OF PRACTICE FOR LAND DEVELOPMENT FOR DETAILS

H-1 TOP OF SUMP
SCALE 1:10

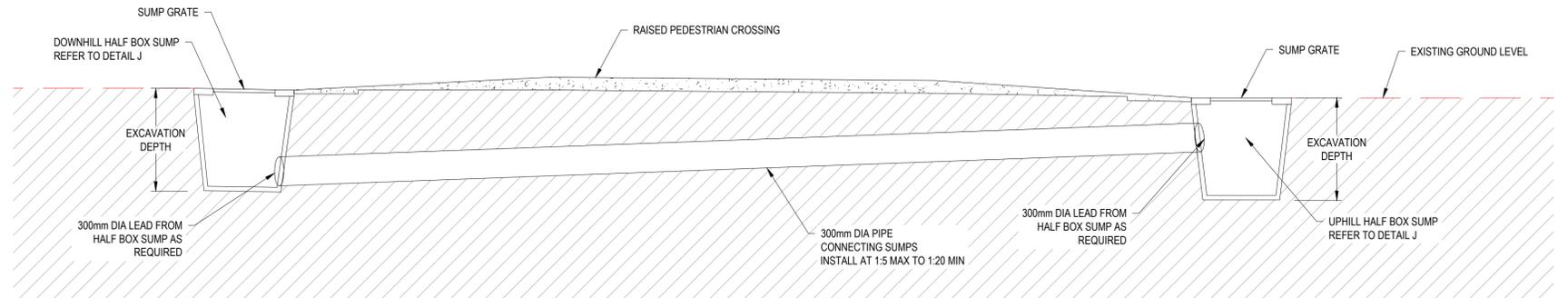


REFER TO PLAN NO. R-41-741 IN WCC CODE OF PRACTICE FOR LAND DEVELOPMENT FOR DETAILS

J WCC HALF BOX SUMP EXTENSION AND SECTION
SCALE 1:20



K CATCHPIT MANHOLE
SCALE 1:20



I TYPICAL SECTION OF A HALF BOX SUMP
SCALE 1:25

File Name: C:\USERS\TARYN\FETERS\AURECON\GROUP\22595 - LOWM CITY STREETS TRANSDIE - 3 DEVELOP\305 CHANGE\WCC TRANSITIONAL CYCLEWAYS\SD DELIVERABLES\707 DETAIL DESIGN\100% DESIGN - PRIMARY ROUTE\TES2550-0000\PRECON\0000\4-TYPICAL DETAILS.DWG
 Plot Date: 2018-02-28 11:02:00
 Office Path:



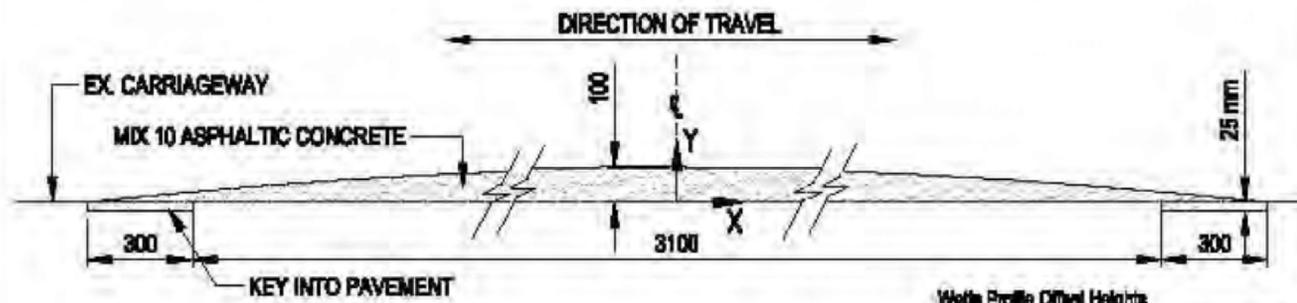
CLIENT
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REV	DATE	REVISION DETAILS	APPROVED
0	15/12/23	FOR CONSTRUCTION	G MURISON

SCALE	SIZE
AS SHOWN	A1
DRAWN	
A IBRAHIM	
DESIGNED	
A IBRAHIM	
REVIEWED	
S HAMILTON	

FOR CONSTRUCTION
APPROVED
DATE

PROJECT	KARORI TO BOTANIC GARDEN KI PAKAKA CONNECTIONS WCC TRANSITIONAL CYCLEWAYS
TITLE	SUMPS, HALF BOX SUMP TYPICAL DETAILS PRIMARY ROUTE - 100% DESIGN IFC
DRAWING No.	522550
PROJECT No.	0000
AREA	DRG
TYPE	DGN
DISC	0505
NUMBER	0
REV	0



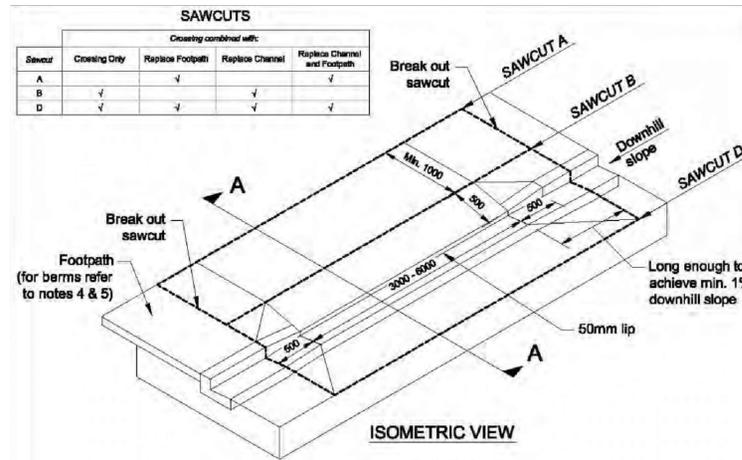
WATTS PROFILE

Watts Profile Official Heights

X (m)	Y (mm)	X (m)	Y (mm)	X (m)	Y (mm)
0.0	100	0.7	85	1.4	63
0.1	90	0.8	81	1.5	54
0.2	88	0.9	79	1.6	44
0.3	97	1.0	71	1.7	16
0.4	95	1.1	65	1.8	0
0.5	85	1.2	58		
0.6	90	1.3	61		

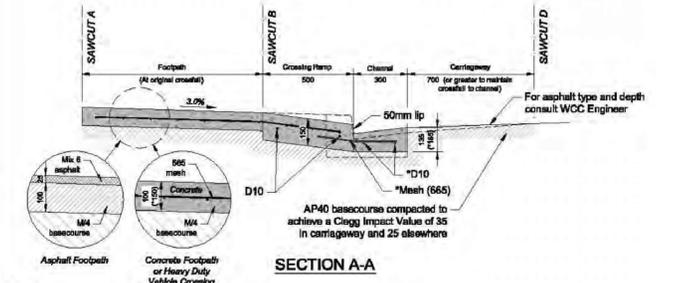
REFER TO PLAN NO. R-45-702 IN WCC CODE OF PRACTICE FOR LAND DEVELOPMENT FOR DETAILS

N WATTS PROFILE SPEED HUMP
SCALE 1:10



REFER TO PLAN NO. R-24-722 IN WCC CODE OF PRACTICE FOR LAND DEVELOPMENT FOR DETAILS

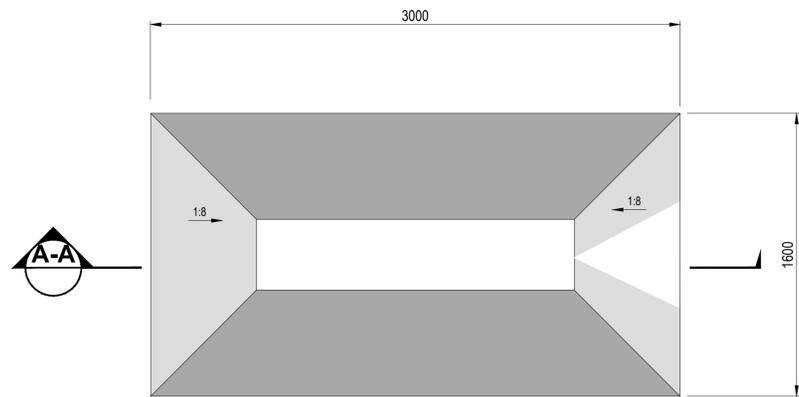
O VEHICLE CROSSING
NTS



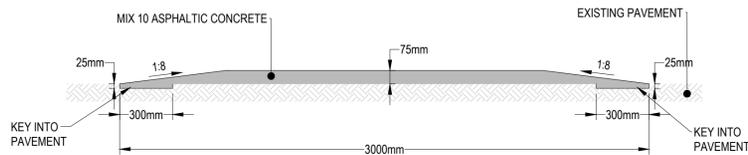
NOTES:
 1) WHERE KERB HEIGHT EXCEEDS 135mm REFER TO ENGINEER.
 2) 20 MPa (80-120 SLUMP) CONCRETE WITH LIGHTLY BROOMED FINISH.
 3) SOFT SUBSOILS TO BE UNDERCUT BY 200mm AND FILLED WITH COMPACTED BASECOURSE.
 4) CROSSING DETAILS SHOWN ALSO APPLY WHERE NO PUBLIC FOOTPATH EXISTS.
 5) WHERE A GRASS BERM SEPARATES THE FOOTPATH FROM THE KERB, THE CROSSING RAMP SHALL EXTEND FROM THE KERBLINE TO THE EDGE OF THE ADJACENT FOOTPATH, OR 500mm, WHICHEVER IS GREATER. THE SPREAD LENGTH ALONG THE KERBLINE EITHER SIDE OF THE CROSSING SHALL BE 500mm.
 6) * REFERS TO HEAVY DUTY VEHICLE CROSSINGS

REFER TO PLAN NO. R-24-722 IN WCC CODE OF PRACTICE FOR LAND DEVELOPMENT FOR DETAILS

O-A VEHICLE CROSSING - SECTION A-A
NTS



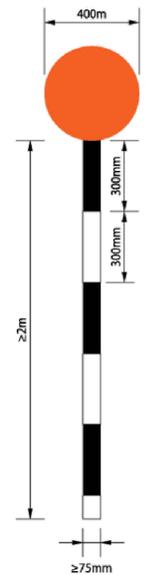
P ASPHALT SPEED CUSHION
SCALE 1:20



P-1 SECTION A-A
SCALE 1:20



R NEW MEDIAN ISLANDS AT CURTIS STREET INTERSECTION
1:100



S TYPICAL BELISHA BEACON
1:15

File name: C:\USERS\TARYN\PETERS\AURECON\GROUP\42295 - LOWM CITY STREETS TRANSDIE - 3 DEVELOP\305 CHANGE\WCC TRANSITIONAL CYCLEWAYS\02 DELIVERABLES\07 DETAIL DESIGN\100A DESIGN - PRIMARY ROUTES\25250-0000\DRG-CON-0000-01.TYPICAL DETAILS.DWG
 Plot Date: 2018-02-28 11:02:00
 Office: Peth



CLIENT
**Absolutely Positively
 Wellington City Council**
 Me Heke Ki Pōneke

REV	DATE	REVISION DETAILS	APPROVED
0	15/12/23	FOR CONSTRUCTION	G MURISON

SCALE	SIZE
AS SHOWN	A1
DRAWN	T PETERS
DESIGNED	T PETERS
REVIEWED	S HAMILTON

FOR CONSTRUCTION
APPROVED DATE

PROJECT	KARORI TO BOTANIC GARDEN KI PAKAKA CONNECTIONS WCC TRANSITIONAL CYCLEWAYS
TITLE	WATTS SPEED HUMP, VEHICLE CROSSING, SPEED CUSHION TYPICAL DETAILS PRIMARY ROUTE - 100% DESIGN IFC
DRAWING No.	522550
PROJECT No.	522550
AREA	0000
TYPE	DRG
DISC	DGN
NUMBER	0506
REV	0

GENERAL NOTES:

1. ALL DIMENSIONS ON PLANS ARE IN METRES (m) UNLESS OTHERWISE NOTED ON THE DRAWINGS.
2. ALL DIMENSIONS ON THE DETAIL SHEETS ARE IN MILLIMETRES (mm) UNLESS OTHERWISE NOTED.
3. ALL COORDINATES ARE IN NEW ZEALAND GEOTECHNICAL DATABASE - NZGD2000
4. LIGHTING DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER DISCIPLINE DRAWINGS AND DETAILS.

LIGHTING DESIGN:

1. THE BOTANIC GARDENS PEDESTRIAN FOOTPATH HAS BEEN DESIGNED TO CATEGORY PR3.
2. THE LIGHTING DESIGN HAS BEEN CARRIED OUT USING AG32 LIGHTING ANALYSIS SOFTWARE VERSION 20.6.

STANDARDS:

THE FOLLOWING RELEVANT STANDARDS HAVE BEEN USED AS THE BASIS FOR THE DESIGN DEVELOPMENT:

1. AS/NZS 1158.3.1:2020 - LIGHTING FOR ROADS AND PUBLIC SPACES, PART 3.1 - PEDESTRIAN AREA (CATEGORY P) LIGHTING - PERFORMANCE AND DESIGN REQUIREMENTS.
2. AS/NZS 4282:2019 - CONTROL OF THE OBTRUSIVE EFFECTS OF OUTDOOR LIGHTING.
3. AS/NZS 3000:2018 - ELECTRICAL INSTALLATIONS.
4. WAKA KOTAHU NEW ZEALAND TRANSPORT AGENCY - M30 ACCEPTED LUMINAIRES - OCTOBER 2022.
5. WAKA KOTAHU NEW ZEALAND TRANSPORT AGENCY - M26 SPECIFICATION FOR COLUMN LIGHTING - 2012

NOTES:

1. ALL NEW LIGHTING EQUIPMENT IS TO BE INSTALLED WITH THE OUTREACH AND LUMINAIRE ORIENTED PERPENDICULAR TO THE PEDESTRIAN PATHWAY IN ITS INSTALLED LOCATION.

CONTRACTOR RESPONSIBILITIES:

1. WHILE ALL DUE CARE IS UNDERTAKEN TO ENSURE THAT ALL SERVICES ARE SPATIALLY COORDINATED, IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL SERVICES ARE COORDINATED UPON INSTALLATION WHERE UNFORESEEN SITE CONSTRAINTS ARISE.
2. ALL LIGHTING SYSTEMS SHALL BE INSTALLED AS SPECIFIED WITHIN THIS LIGHTING PACKAGE. FOR ANY PROPOSED CHANGES BY THE CONTRACTOR, IT IS THEIR RESPONSIBILITY TO ENSURE THAT THE DESIGN IS COMPLIANT WITH ALL RELEVANT STANDARDS.
3. ALL OUTREACH ARMS ARE TO BE OF A NEW ZEALAND TRANSPORT AGENCY TYPE APPROVED COLUMN.
4. EXISTING TIMBER AND COLUMNS ARE OF VARYING HEIGHTS. THE CONTRACTOR SHALL PROCURE SUITABLE OUTREACH ARMS FOR EACH TO ACHIEVE A 10m LUMINAIRE MOUNTING HEIGHT FOR EACH.
5. ALL NEW LUMINAIRES ARE TO BE SUPPLIED VIA AN EXTENSION OF THE EXSITING OVERHEAD POWER. THE CONTRACTOR SHALL ALLOW FOR ALL FIXINGS, FITTINGS AND SUNDRY EQUIPMENT TO ALLOW FOR SECURE EXTENSION OF THE EXISTING OVERHEAD POWER.
6. IT IS THE CONTRACTORS RESPONSIBILITY TO ENGAGE WITH A SUITABLY QUALIFIED ARBORIST TO CONFIRM THE SUITABILITY OF THE OVERHEAD WIRING RETICULATION THROUGH THE EXISTING TREE CANOPIES. THE CONTRACTOR IS TO ALLOW FOR ANY STRUCTURAL PRUNING REQUIRED TO ACHIEVE A SAFE CABLE RETICULATION.
7. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE ALL CONNECTION APPLICATIONS / CHANGE OF CONNECTION DETAILS AND THE LIKE WITH THE ENERGY AUTHORITY.

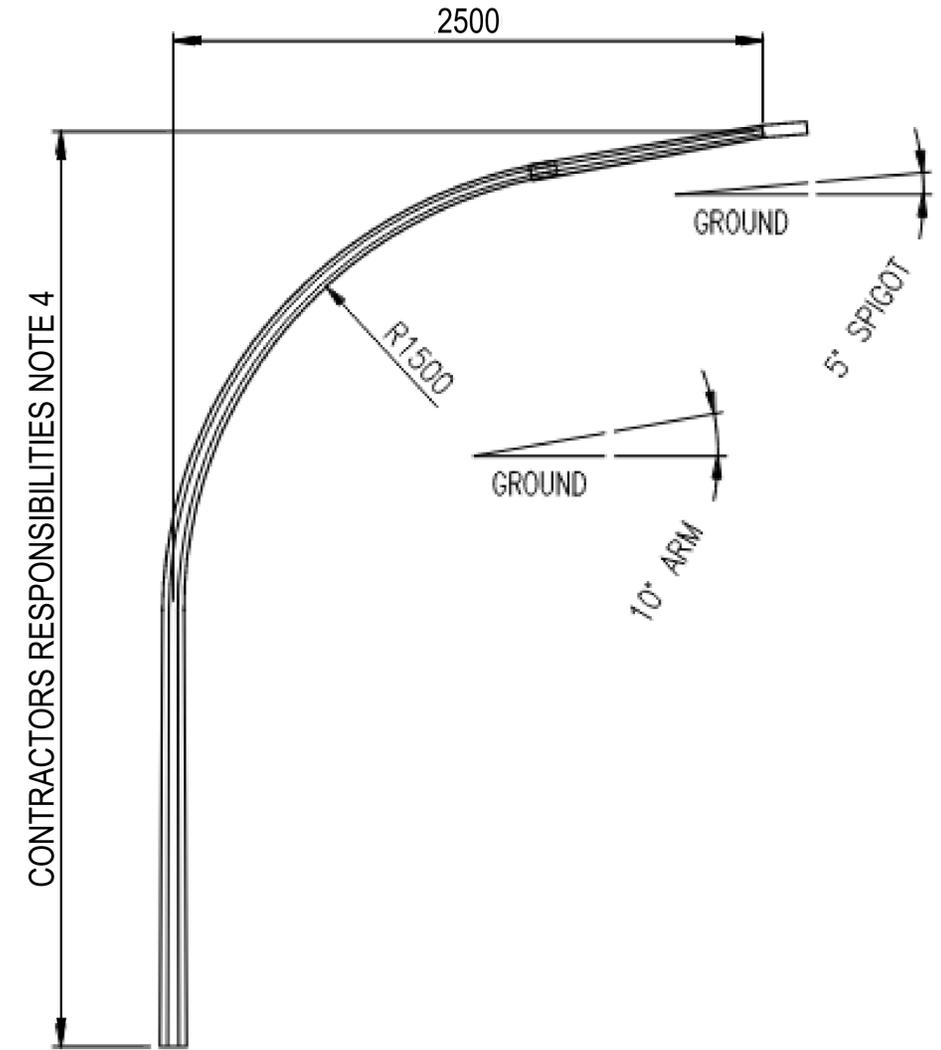
LEGEND	
	NEW LUMINAIRE AND OUTREACH ARM MOUNTED TO NEW 10m TIMBER COLUMN
	NEW LUMINAIRE AND OUTREACH ARM MOUNTED ON EXISTING TIMBER / CONCRETE COLUMN
XX	LUMINAIRE ID
⊗	COLUMN UNIQUE IDENTIFIER

TABLE 1: COLUMN SCHEDULE

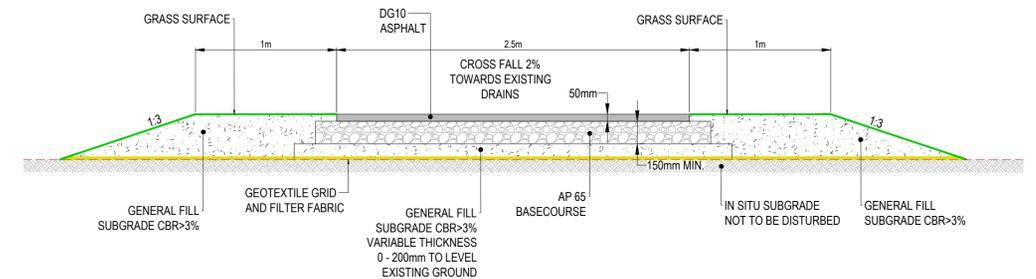
COLUMN ID	DESCRIPTION	HEIGHT	O/REACH	COLUMN TYPE	LUMINAIRE	FOOTING	EASTING	NORTHING	ASSET OWNER
01	NEW LUMINAIRE AND OUTREACH ON EXISTING COLUMN	10m	2.5m	TIMBER	PECAN LIGHTING NXT 72M	BURIED IN-GROUND	1746828.33	5428158.85	WELLINGTON CITY COUNCIL
02	NEW LUMINAIRE AND OUTREACH ON NEW COLUMN	10m	2.5m	TIMBER	PECAN LIGHTING NXT 72M	BURIED IN-GROUND	1746864.57	5428146.48	WELLINGTON CITY COUNCIL
03	NEW LUMINAIRE AND OUTREACH ON NEW COLUMN	10m	2.5m	TIMBER	PECAN LIGHTING NXT 72M	BURIED IN-GROUND	1746895.49	5428125.78	WELLINGTON CITY COUNCIL
04	NEW LUMINAIRE AND OUTREACH ON NEW COLUMN	10m	2.5m	TIMBER	PECAN LIGHTING NXT 72M	BURIED IN-GROUND	1746916.51	5428093.75	WELLINGTON CITY COUNCIL
05	NEW LUMINAIRE AND OUTREACH ON EXISTING COLUMN	10m	2.5m	TIMBER	PECAN LIGHTING NXT 72M	BURIED IN-GROUND	1746922.51	5428055.78	WELLINGTON CITY COUNCIL
06	NEW LUMINAIRE AND OUTREACH ON EXISTING COLUMN	10m	2.5m	CONCRETE	PECAN LIGHTING NXT 72M	BURIED IN-GROUND	1746922.47	5428023.43	WELLINGTON CITY COUNCIL
07	NEW LUMINAIRE AND OUTREACH ON EXISTING COLUMN	10m	2.5m	CONCRETE	PECAN LIGHTING NXT 72M	BURIED IN-GROUND	1746922.72	5427982.08	WELLINGTON CITY COUNCIL

TABLE 2: LUMINAIRE SCHEDULE

ITEM TYPE	IMAGE	DESCRIPTIONS	CONSTRUCTION	COLOUR	DIMENSION	SUITE	CAT. NO.	SUPPLIER	LAMP	CONTROL	MOUNTING	CONTACT	NOTES
EMU DEPOT RAIL YARD LUMINAIRES													
L1		POST TOP LUMINAIRE	DIE CAST ALUMINIUM IP66 / IK09	GREY	L 465mm x W 237mm x H 134mm	NXT-M	NXT-72M-2-7-4 AH-7-G-4-CZ-D-2H	PECAN LIGHTING	158W LED 4000K OPTIC: ANZ HIGH-THROW	INTEGRAL ELECTRONIC DALI DIMMABLE DRIVER	OUTREACH ARM MOUNTED	MIKE GEDDIS ENERGYLIGHT 0421 514 102	- SUPPLIED COMPLETE WITH NEMA CELL TO NZTA SPECIFICATIONS.



Q TYPICAL OCTAGONAL CURVED OUTREACH ARM
NTS



Q-1 APPLETON PARK TYPICAL CROSS SECTION
SCALE 1:25

File Name: C:\Users\TARYN\FOLDER\CON GROUP\2295 - LOWM CITY STREETS TRANSITION - DEVELOP\305 CHANGE\WCC TRANSITIONAL CYCLEWAYS\00 DELIVERABLES\07 DETAIL DESIGN\FC - PRIMARY ROUTE\2295\000 DRG-DGN\0500-1\TYPICAL DETAILS.DWG
Plot Date: 2018-02-28 11:02:00
Office Path:



CLIENT

**Absolutely Positively
Wellington City Council**

Me Heke Ki Pōneke

REV	DATE	REVISION DETAILS	APPROVED
0	15/12/23	FOR CONSTRUCTION	G MURISON
1	15/03/24	FOR CONSTRUCTION	G MURISON
2	27/03/24	FOR CONSTRUCTION	G MURISON

SCALE	SIZE
AS SHOWN	A1
DRAWN	
T PETERS	
DESIGNED	
T PETERS	
REVIEWED	
S HAMILTON	

FOR CONSTRUCTION
APPROVED
DATE

PROJECT	KARORI TO BOTANIC GARDEN KI PAKAKA CONNECTIONS WCC TRANSITIONAL CYCLEWAYS
TITLE	APPLETON PARK DETAILS TYPICAL DETAILS PRIMARY ROUTE - IFC DESIGN
DRAWING No.	522550
PROJECT No.	0000
AREA	DRG
TYPE	DGN
DISC	0507
NUMBER	2
REV	