

# SPEED AND TRAFFIC CALMING STUDY CONCEPTUAL DESIGN DECEMBER 18, 2023





C004

C005

C006

C007

C008

C009A TO C009E

C010

### **GENERAL NOTES:**

- THE DRAWINGS ARE CONCEPTUAL DESIGN FOR INFORMATION ONLY.
- THERE ARE NO SURVEY INFORMATION. ALL EXISTING DATA HAVE BEEN OBTAINED FROM THE CITY OF WHITE ROCK AND CITY OF SURREY'S OPEN DATA PORTAL AND SUPPLEMENTED WITH AUTOCAD GEOMAP.
- THE TRAFFIC CALMING IMPROVEMENTS ARE IN THE DIRECTIONS FROM THE CITY 'S ADOPTED INTEGRATED TRANSPORTATION AND INFRASTRUCTURE MASTER PLAN (ITIMP) AND WERE REVIEWED BY THE CITY OF WHITE ROCK.
- IMPROVEMENTS ARE DEVELOPED WITH THE COORDINATION WITH CITY OF SURREY FOR THE SITES WITH THE SHARED JURISDICTION.
- DETAILED DESIGN CALCULATIONS WERE NOT DEVELOPED DURING THE PRODUCTION OF THE CONCEPTUAL DRAWINGS.
- A TRAFFIC MODEL WAS NOT DEVELOPED TO DETERMINE THE TRAFFIC OPERATIONS WITH THE TRAFFIC CALMING IMPROVEMENTS
- THE CONCEPTUAL DRAWING SET IS NOT A STANDALONE DOCUMENT, AND SHOULD BE REVIEWED WITH THE TRAFFIC CALMING REPORT TITLED "RPT\_2023-08-21\_SPEED\_AND\_TRAFFIC\_CALMING\_STUDY\_REPORT\_DRAFT\_R1", DATED 2023-08-21 BY AECOM

2023-12-18

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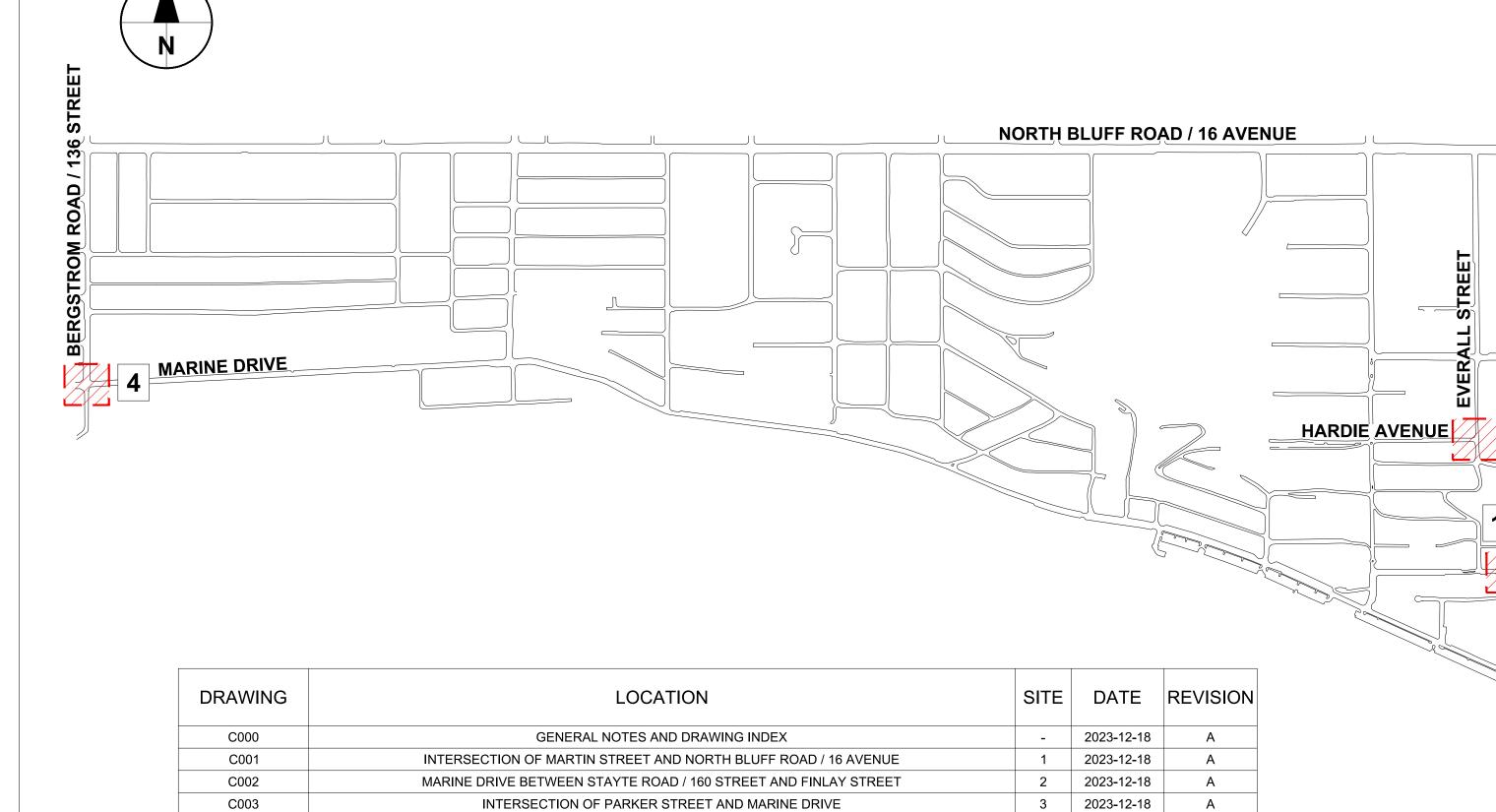
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- ALL TRAFFIC CALMING FEATURES (I.E.: CORNER BULGES, CHICANES, ETC) ARE CONCEPTUALLY SHOWN AS PER THE TAC CANADIAN GUIDE TO TRAFFIC CALMING 2ND EDITION GUIDELINES.
- ALL TRAFFIC SIGNS ARE CONCEPTUALLY SHOWN AS PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA GUIDELINES.
- MINIMUM TRAVEL LANE WIDTH FOR PASSENGER VEHICLES SHALL BE 3.0m. MINIMUM TRAVEL LANES FOR BUSES AND/OR TRUCKS SHALL BE 3.3m (3.5m PREFERRED).
- ALL DIMENSIONS SHOWN ARE INDICATIVE FOR INFORMATION ONLY. THE DIMENSIONS WERE DERIVED BASED ON EXISTING SURVEY DATA FROM THE OPEN DATA PORTALS. ALL DIMENSIONS HAVE NOT BEEN VERIFIED OR CONFIRMED.

### **ASSUMPTIONS:**

- THE GEOMETRIC DATA FROM THE CITY'S OPEN DATA PORTAL REFLECTS THE EXISTING CONDITIONS.
- THE CITY'S OPEN DATA INFORMATION HAVE NOT BEEN VERIFIED IN THE FIELD. IT IS ASSUMED THAT THE OPEN DATA INFORMATION IS THE BEST REPRESENTATIVE OF THE FIELD CONDITIONS.



INTERSECTION OF BERGSTROM ROAD / 136 STREET AND MARINE DRIVE

PEACE ARCH HOSPITAL STRETCH OF NORTH BLUFF ROAD / 16 AVENUE

MAPLE STREET BETWEEN COLUMBIA AVENUE AND MARINE DRIVE

FINLAY STREET AT VICTORIA AVENUE AND 800 BLOCK FINLAY STREET

INTERSECTION OF GEORGE STREET AND THRIFT AVENUE

SQUARE AREA OF FINLAY STREET, GOGGS AVENUE, THRIFT AVENUE, RUSSELL AVENUE, BEST STREET

EVERALL STREET AT HARDIE AVENUE

INTERSECTION OF BUENA VISTA AND VIDAL STREET

## **CONCEPTUAL DESIGN** NOT FOR CONSTRUCTION

**RUSSELL AVENUE** 

GOGGS AVENUE

THRIFT AVENUE

THRIFT AVENUE

BUENA VISTA AVENUE

VIDAL STREET

## **AECOM**

CITY OF WHITE ROCK SPEED AND TRAFFIC **CALMING STUDY** 

CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

### CONSULTANT

4TH FLOOR, 3292 PRODUCTION WAY BURNABY, BC V5A 4R4 604.444.6400 TEL 604.294.8597 FAX WWW.AECOM.COM

**REGISTRATION** 

ISSUE/REVISION

A 2023-12-18 ISSUED FOR INFORMATION DATE DESCRIPTION

**KEY PLAN** 

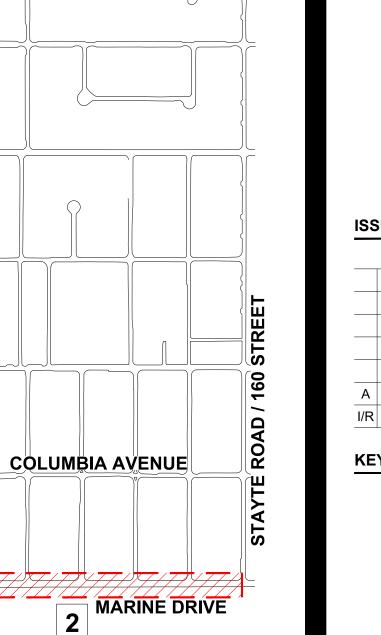
PROJECT NUMBER

60704407

SHEET TITLE

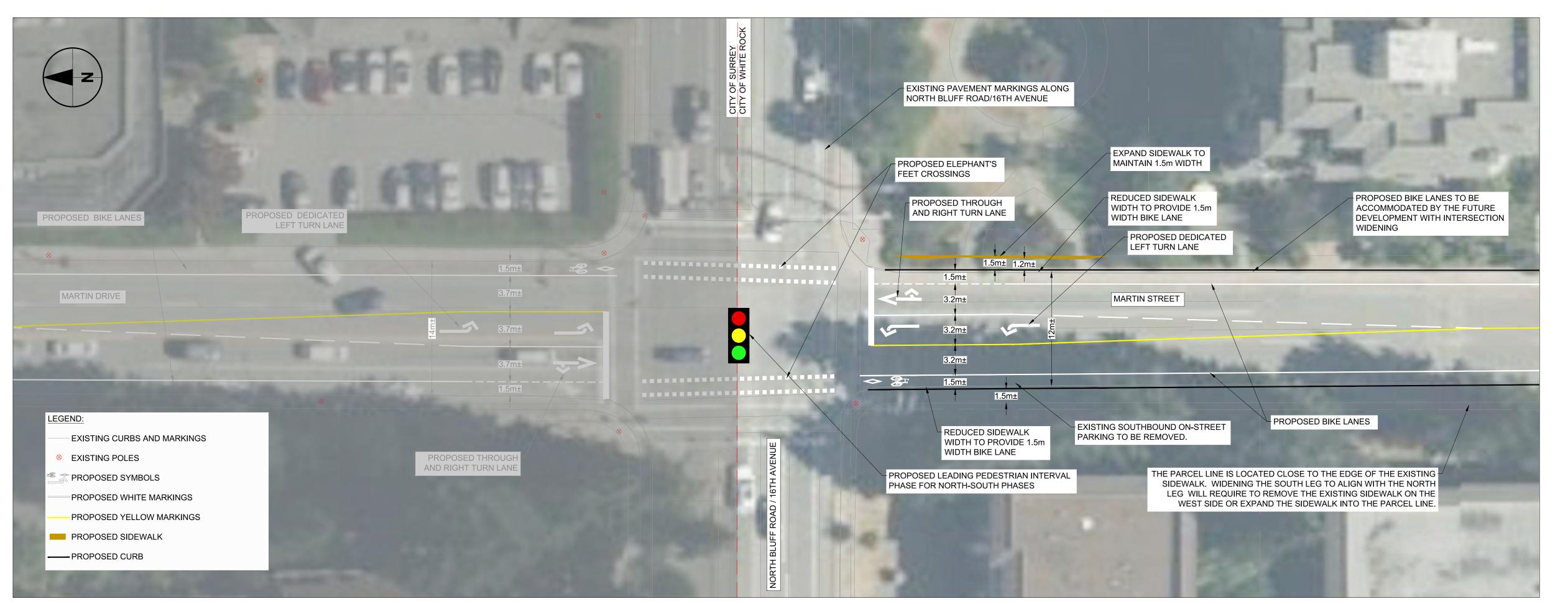
**GENERAL NOTES AND** DRAWING INDEX

SHEET NUMBER



- REFER TO SHEET C000 FOR GENERAL NOTES
- THIS INTERSECTION IS A SHARED JURISDICTION BETWEEN CITY OF WHITE ROCK AND CITY OF SURREY.
- IT IS ASSUMED THE TRAFFIC DEMAND FROM THE NEW DEVELOPMENT WOULD NOT CHANGE SIGNIFICANTLY BASED ON THE FORECAST DEMAND FROM THE TRAFFIC IMPACT REPORT.
- THE TRAFFIC CALMING IMPROVEMENT SHOWN IN THIS CONCEPTUAL DRAWING IS CONSIDERED AS A MEDIUM TERM IMPROVEMENT. THE LONG TERM (CAPITAL PLANNING) TO BE DETERMINED IN THE FUTURE.
- FUTURE CONSIDERATION: PROTECT FOR LONG-TERM IMPLEMENTATION OF PROTECTED CYCLING FACILITIES AS PER ITIMP; POTENTIAL FUTURE WIDENING OF ROW ALONG MARTIN DRIVE.
- THE BIKE FACILITIES ARE INTEGRATED IN THE IMPROVEMENT RECOMMENDATION AS PER CITY'S ADOPTED INTEGRATED INFRASTRUCTURE AND TRANSPORTATION MASTER PLAN (ITIMP).

ROAD AUTHORITY	CITY OF W	HITE ROCK	CITY OF SURREY	
ROADWAY	MARTIN STREET	NORTH BLUFF ROAD (SOUTH SIDE)	MARTIN DRIVE	NORTH BLUFF ROAD (NORTH SIDE)
ROAD CLASS	PRIMARY COLLECTOR	ARIERIAI		ARTERIAL
POSTED SPEED LIMIT	OSTED SPEED LIMIT 50 km/h		50 km/h	50 km/h
TRUCK ROUTE	TRUCK ROUTE YES		NO	YES
BUS ROUTE NO		YES	YES	YES
BIKE ROUTE YES		YES	YES	YES



INTERSECTION OF MARTIN STREET AND NORTH BLUFF ROAD / 16 AVENUE

CONCEPTUAL DESIGN NOT FOR CONSTRUCTION

## AECOM

**PROJECT** 

CITY OF WHITE ROCK SPEED AND TRAFFIC CALMING STUDY

## CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

### CONSULTANT

## AECOM

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## **KEY PLAN**



## PROJECT NUMBER

60704407

## SHEET TITLE

INTERSECTION OF MARTIN STREET AND NORTH BLUFF ROAD / 16 AVENUE SITE #1

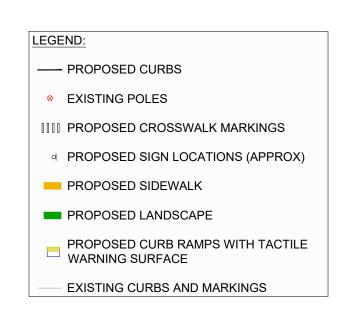
CONCEPTUAL DESIGN
SHEET NUMBER

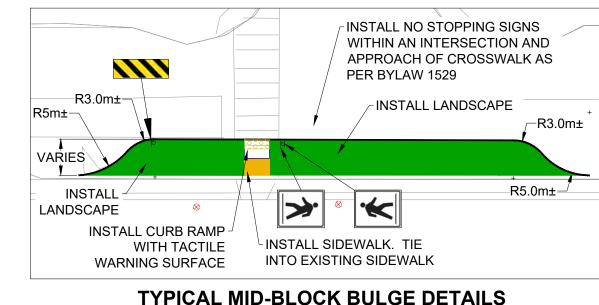
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- REFER TO SHEET C000 FOR GENERAL NOTES
- MARINE DRIVE BETWEEN FINLAY STREET AND STAYTES ROAD / 160 STREET IS A SHARED JURISDICTION BETWEEN CITY OF WHITE ROCK AND CITY OF SURREY.
- THE TRAFFIC CALMING IMPROVEMENT SHOWN IN THIS CONCEPTUAL DRAWING IS CONSIDERED AS A MEDIUM TERM IMPROVEMENT. THE LONG TERM (CAPITAL PLANNING) TO BE DETERMINED IN THE FUTURE.
- FUTURE CONSIDERATION: PROTECT FOR LONG-TERM IMPLEMENTATION OF SEPARATE CYCLING FACILITIES AS PER ITIMP.
- PROPOSED CURB BULGE TO BE CONSTRUCTED WITH RAPID IMPLEMENTATION OF COST-EFFECTIVE MATERIALS.

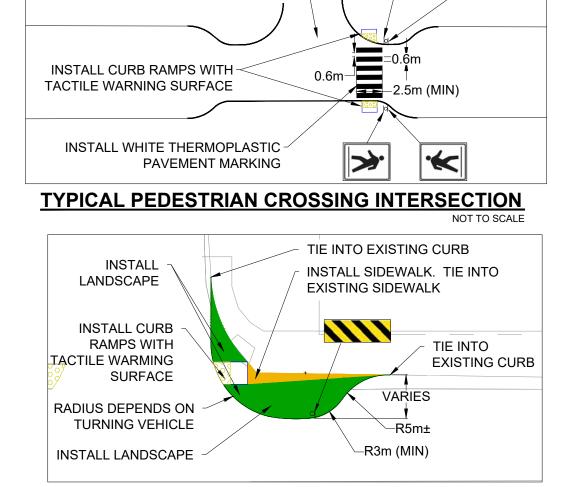
ROAD AUTHORITY	CITY OF WHITE ROCK	CITY OF SURREY		
ROADWAY	MARINE DRIVE			
ROAD CLASS	PRIMARY COLLECTOR	ARTERIAL		
POSTED SPEED LIMIT	30 km/h			
TRUCK ROUTE	YES	YES		
BUS ROUTE	YES	YES		
BIKE ROUTE	YES	YES		

## **CONCEPTUAL DESIGN** NOT FOR CONSTRUCTION





TYPICAL MID-BLOCK BULGE DETAILS



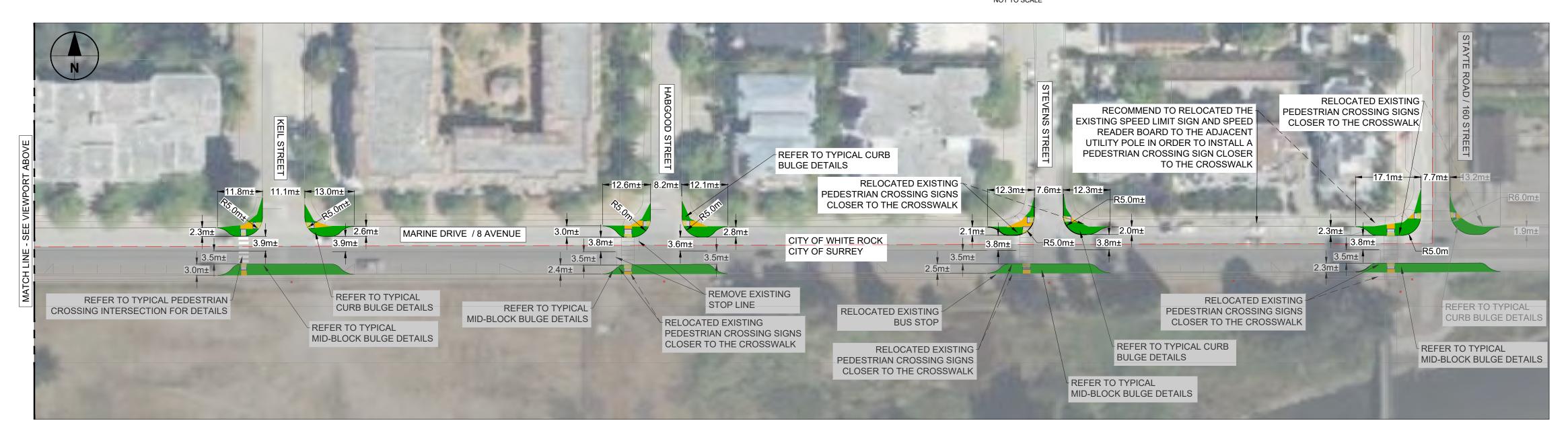
INSTALL NO STOPPING SIGNS WITHIN AN-INTERSECTION AND APPROACH OF

CROSSWALK AS PER BYLAW 1529

**TYPICAL CORNER BULGE DETAILS** 



MARINE DRIVE BETWEEN FINLAY STREET AND KENT STREET



MARINE DRIVE BETWEEN KEIL STREET AND STAYTE ROAD / 160 STREET

CITY OF WHITE ROCK SPEED AND TRAFFIC **CALMING STUDY** 

**CLIENT** 

## CITY OF WHITE ROCK

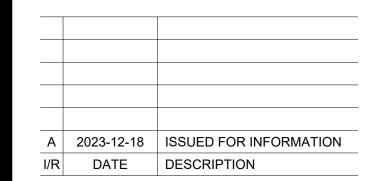
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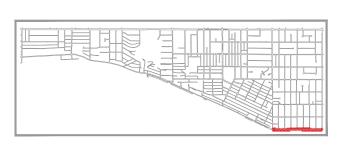
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**REGISTRATION** 

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**KEY PLAN** 



**PROJECT NUMBER** 

60704407

**SHEET TITLE** 

MARINE DRIVE BETWEEN STAYTE ROAD / 160 **STREET AND FINLAY STREET** SITE #2

**CONCEPTUAL DESIGN** SHEET NUMBER

LEGEND:

EXISTING CURBS AND MARKINGS

PROPOSED SIGN LOCATIONS (APPROX)

PROPOSED CURB RAMPS WITH TACTILE

EXISTING POLES

PROPOSED SIDEWALK

PROPOSED LANDSCAPE

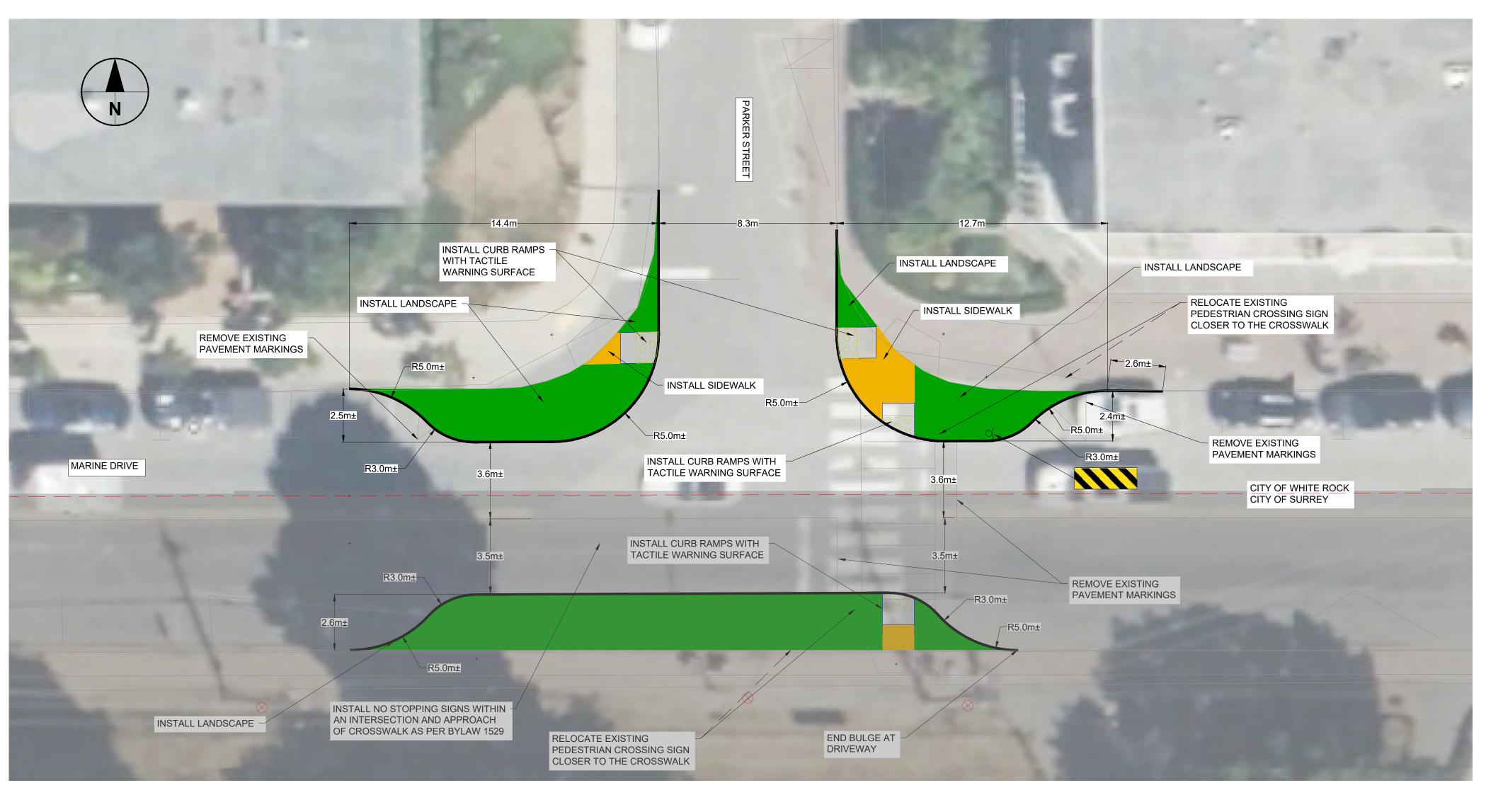
WARNING SURFACE

PROPOSED CURBS

## SITE SPECIFIC NOTES:

- REFER TO SHEET C000 FOR GENERAL NOTES
- MARINE DRIVE BETWEEN FINLAY STREET AND STAYTES ROAD / 160 STREET IS A SHARED JURISDICTION BETWEEN CITY OF WHITE ROCK AND CITY OF SURREY.
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- FUTURE CONSIDERATION: PROTECT FOR LONG-TERM IMPLEMENTATION OF SEPARATE CYCLING FACILITIES AS PER ITIMP.
- RAPID IMPLEMENTATION OF CURB BULGE WITH PLASTIC MATERIAL TO TRANSITION FOR FUTURE STORMWATER MANAGEMENT IMPROVEMENTS ALONG MARINE DRIVE.

ROAD AUTHORITY	CITY OF WHITE ROCK	CITY OF SURREY	CITY OF WHITE ROCK
ROADWAY	MARINE DRIVE		PARKER STREET
ROAD CLASS	PRIMARY COLLECTOR	ARTERIAL	LOCAL
POSTED SPEED LIMIT	30 km/h		50 km/h
TRUCK ROUTE	YES	YES	NO
BUS ROUTE	YES	YES	NO
BIKE ROUTE	YES	YES	NO



INTERSECTION OF MARINE DRIVE AND PARKER STREET

NOT TO SCAL

CONCEPTUAL DESIGN NOT FOR CONSTRUCTION

## **AECOM**

**PROJECT** 

CITY OF WHITE ROCK SPEED AND TRAFFIC CALMING STUDY

## CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

### CONSULTANT

## AECOM

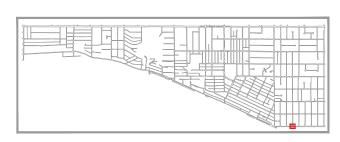
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## **KEY PLAN**



## PROJECT NUMBER

60704407

SHEET TITLE

INTERSECTION OF PARKER STREET AND MARINE DRIVE SITE #3 CONCEPTUAL DESIGN

C003

**SHEET NUMBER** 

- REFER TO SHEET C000 FOR GENERAL NOTES
- THIS MARINE DRIVE IS A SHARED JURISDICTION BETWEEN CITY OF WHITE ROCK AND CITY OF SURREY.
- THE TRAFFIC CALMING IMPROVEMENT SHOWN IN THIS CONCEPTUAL DRAWING IS CONSIDERED AS A MEDIUM TERM IMPROVEMENT. THE LONG TERM (CAPITAL PLANNING) TO BE DETERMINED IN THE FUTURE.
- FUTURE CONSIDERATION: PROTECT FOR LONG-TERM IMPLEMENTATION OF SEPARATE CYCLING FACILITIES AS PER ITIMP.

ROAD AUTHORITY	CITY OF WHITE ROCK	CITY OF SURREY	CITY OF WHITE ROCK
ROADWAY	MARINE	DRIVE	BERGSTROM ROAD / 136 STREET
ROAD CLASS	PRIMARY ARTERIAL COLLECTOR		NEIGHBORHOOD COLLECTOR (NORTH) LOCAL (SOUTH)
POSTED SPEED LIMIT	30 k	m/h	50 km/h
TRUCK ROUTE	YES NO		NO
BUS ROUTE	YES YES		NO
BIKE ROUTE	YES YES		YES



INTERSECTION OF BERGSTROM ROAD / 136 STREET AND MARINE DRIVE
NOT TO SCALE

CONCEPTUAL DESIGN NOT FOR CONSTRUCTION

## AECOM

**PROJECT** 

CITY OF WHITE ROCK SPEED AND TRAFFIC **CALMING STUDY** 

CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

## CONSULTANT

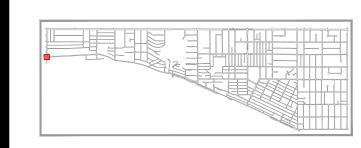
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## **KEY PLAN**



## **PROJECT NUMBER**

60704407

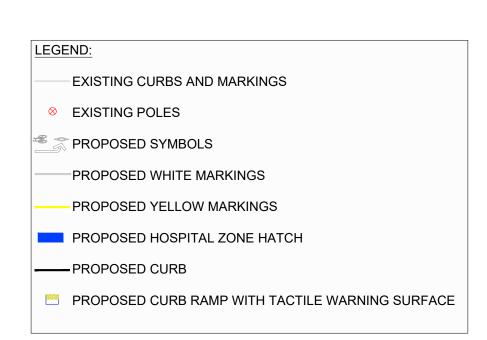
SHEET TITLE

INTERSECTION OF BERGSTROM ROAD / 136 STREET **AND MARINE DRIVE** SITE #4

CONCEPTUAL DESIGN SHEET NUMBER

C004

- REFER TO SHEET C000 FOR GENERAL NOTES
- NORTH BLUFF ROAD A SHARED JURISDICTION BETWEEN CITY OF WHITE ROCK AND CITY OF SURREY.
- THE TRAFFIC CALMING IMPROVEMENT SHOWN IN THIS CONCEPTUAL DRAWING IS CONSIDERED AS A MEDIUM TERM IMPROVEMENT. THE LONG TERM (CAPITAL PLANNING) TO BE DETERMINED IN THE FUTURE. FUTURE CONSIDERATIONS: PROTECT FOR LONG-TERM IMPLEMENTATION OF CYCLING FACILITIES; CONSIDER IMPLEMENTATION OF FULL SIGNAL AT HOSPITAL ST; EXPLORE POTENTIAL FOR TRANSIT PRIORITY
- TREATMENTS; CONSIDER IMPLEMENTING RIGHT-IN/RIGHT-C ONLY ACCESS TO DRIVEWAYS.



ROAD AUTHORITY	CITY OF WHITE ROCK			CITY OF SURREY
ROADWAY	BEST STREET (SOUTH)			NORTH BLUFF ROAL (NORTH SIDE)
ROAD CLASS	PRIMARY COLLECTOR	PRIMARY COLLECTOR	ARTERIAL	ARTERIAL
POSTED SPEED LIMIT 50 km/h		50 km/h	50 km/h	50 km/h
TRUCK ROUTE	YES	YES	YES	YES
BUS ROUTE	YES	YES	YES	YES
BIKE ROUTE	YES	YES	NO	NO

## **CONCEPTUAL DESIGN** NOT FOR CONSTRUCTION



NORTH BLUFF ROAD BETWEEN BEST STREET AND HOSPITAL STREET



NORTH BLUFF ROAD BETWEEN HOSPITAL STREET AND FINLAY STREET

## **AECOM**

CITY OF WHITE ROCK SPEED AND TRAFFIC **CALMING STUDY** 

CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

### CONSULTANT

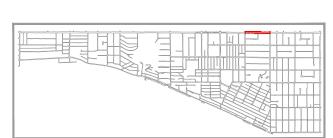
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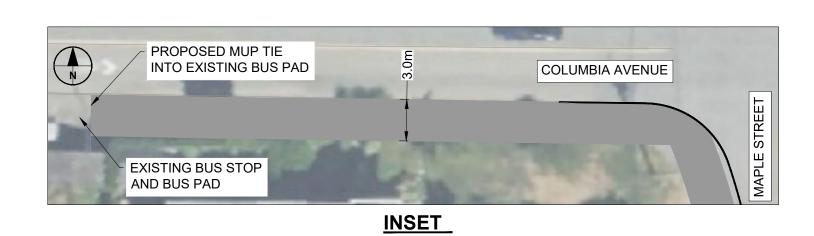
## SHEET TITLE

PEACE ARCH HOSPITAL STRETCH OF NORTH **BLUFF ROAD / 16 AVENUE** SITE #5

**CONCEPTUAL DESIGN** 

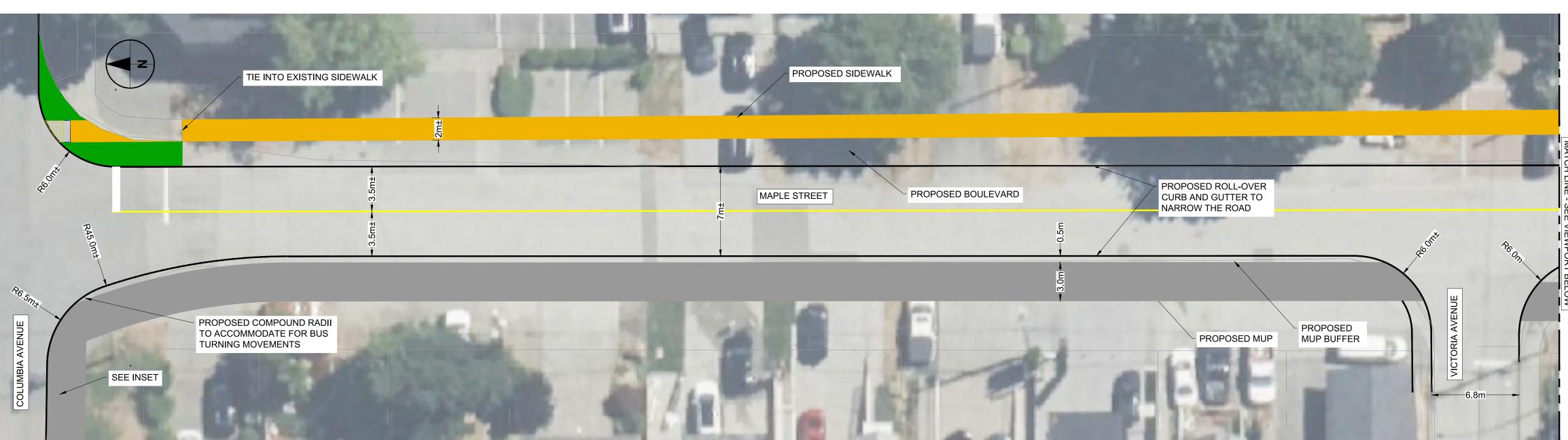
**SHEET NUMBER** 

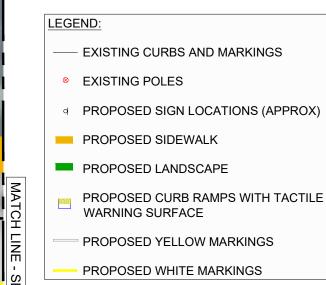
- REFER TO SHEET C000 FOR GENERAL NOTES
- MARINE DRIVE BETWEEN FINLAY STREET AND STAYTES ROAD / 160 STREET IS A SHARED JURISDICTION BETWEEN CITY OF WHITE ROCK AND CITY OF SURREY.
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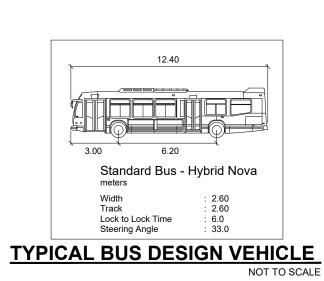


ROAD AUTHORITY	CITY OF WHITE ROCK				CITY OF SURREY
ROADWAY	MAPLE STREET	VICTORIA AVENUE	COLUMBIA AVENUE	MARINE	E DRIVE
ROAD CLASS	NEIGHBORHOOD COLLECTOR	NEIGHBORHOOD COLLECTOR	PRIMARY COLLECTOR	PRIMARY COLLECTOR	ARTERIAL
POSTED SPEED LIMIT	50 km/h	50 km/h	50 km/h	30 k	km/h
TRUCK ROUTE	NO	NO	NO	YES	YES
BUS ROUTE	YES	NO	YES	YES	YES
BIKE ROUTE	NO	NO	YES	YES	YES

## CONCEPTUAL DESIGN NOT FOR CONSTRUCTION

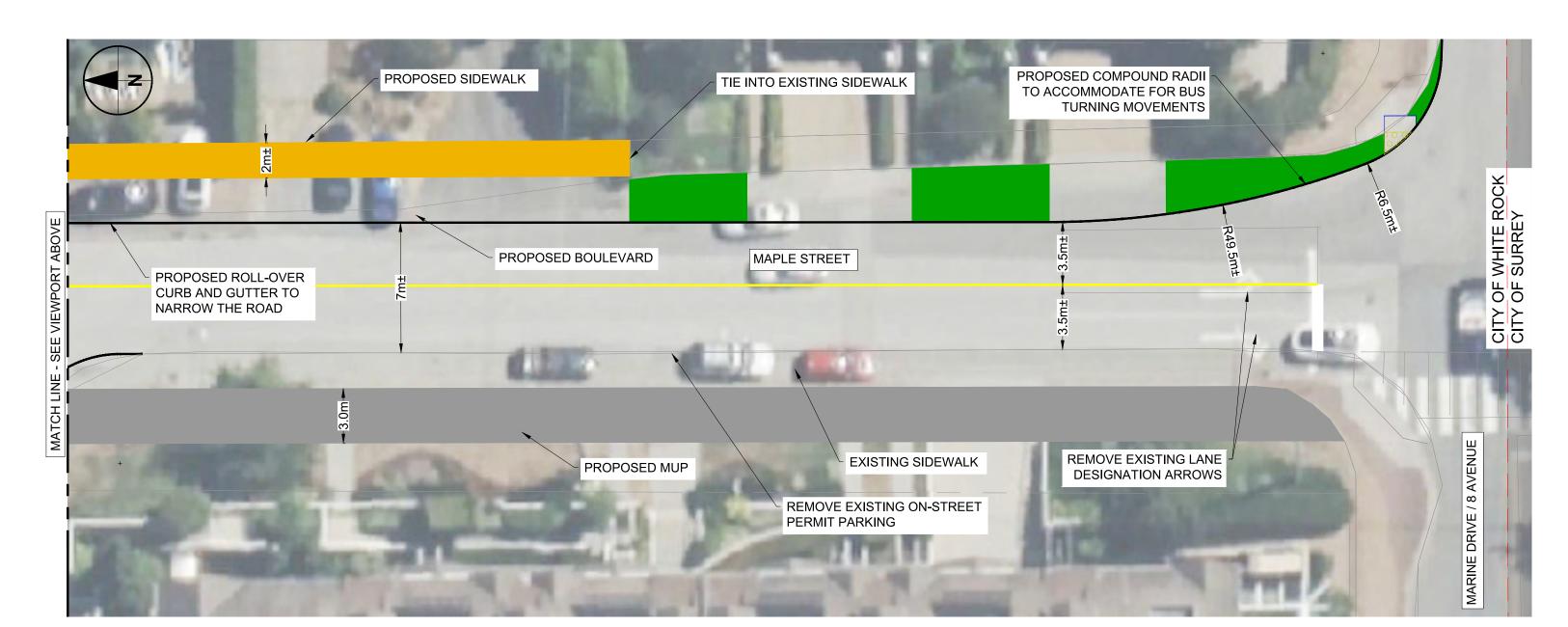






MAPLE STREET BETWEEN COLUMBIA AVENUE AND VICTORIA AVENUE

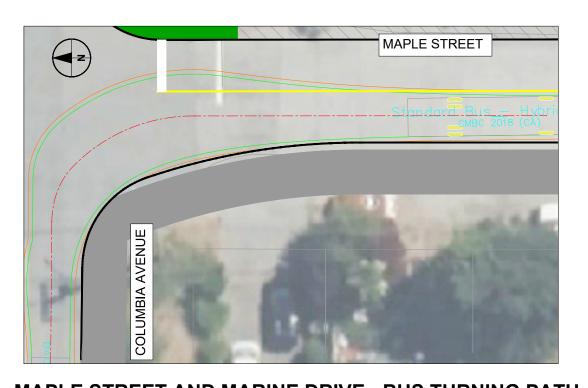
NOT TO SCALE



MAPLE STREET BETWEEN VICTORIA AVENUE AND MARINE DRIVE



MAPLE STREET AND COLUMBIA AVENUE - BUS TURNING PATH



MAPLE STREET AND MARINE DRIVE - BUS TURNING PATH

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## AECOM

**PROJECT** 

CITY OF WHITE ROCK SPEED AND TRAFFIC CALMING STUDY

CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

### CONSULTANT

AECOM

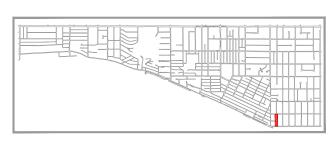
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PROJECT NUMBER

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SHEET TITLE

MAPLE STREET BETWEEN COLUMBIA AVENUE AND MARINE DRIVE SITE #6

CONCEPTUAL DESIGN
SHEET NUMBER

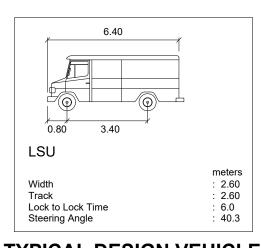
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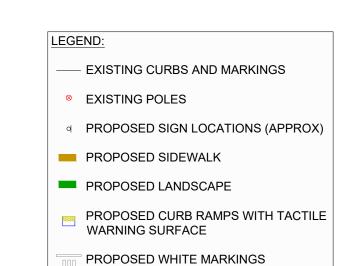


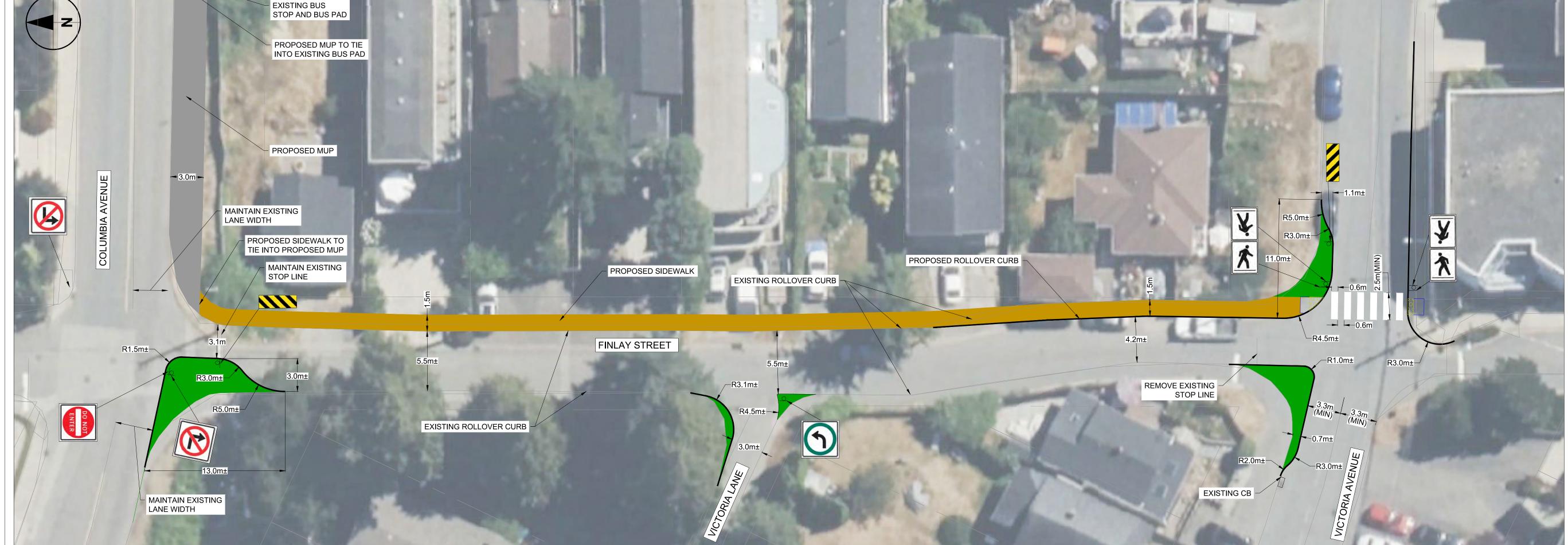
INTERSECTION OF FINLAY STREET AND VICTORIA AVENUE - VEHICLE TURNING PATH

ROAD AUTHORITY	CITY OF WHITE ROCK				
ROADWAY	FINLAY STREET	FINLAY STREET COLUMBIA AVENUE VICTOR		VICTORIA AVENUE	
ROAD CLASS	LOCAL RESIDENTIAL	PRIMARY COLLECTOR	LANE	NEIGHBORHOOD COLLECTOR	
POSTED SPEED LIMIT	50 km/h	50 km/h	20 km/h	50 km/h	
TRUCK ROUTE	NO	NO	NO	NO	
BUS ROUTE	NO	YES	NO	NO	
BIKE ROUTE	NO	YES	NO	NO	



**TYPICAL DESIGN VEHICLE** 





FINLAY STREET AT VICTORIA AVENUE AND 800 BLOCK OF FINLAY STREET

**CONCEPTUAL DESIGN** NOT FOR CONSTRUCTION

## **AECOM**

**PROJECT** 

CITY OF WHITE ROCK SPEED AND TRAFFIC **CALMING STUDY** 

## CLIENT

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## CONSULTANT

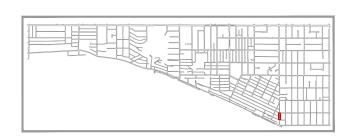
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## SHEET TITLE

FINLAY STREET AT VICTORIA AVENUE AND 800 **BLOCK FINLAY STREET** SITE #7 **CONCEPTUAL DESIGN** 

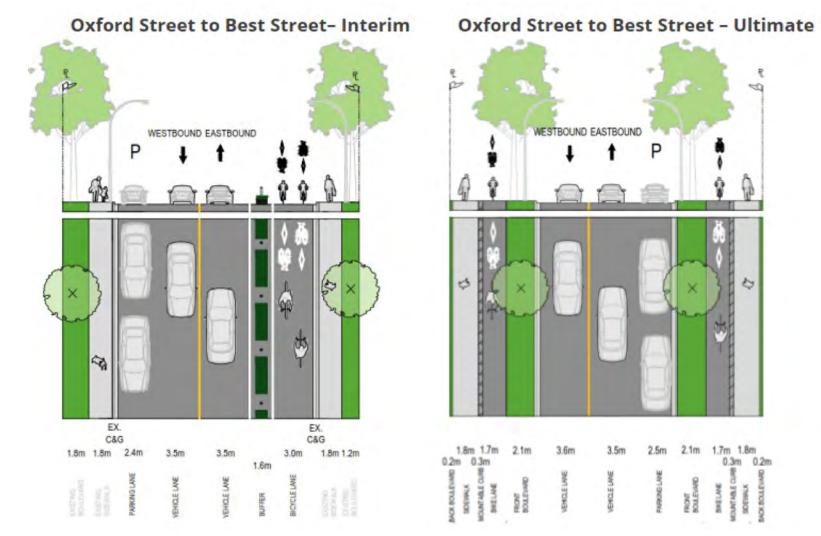
SHEET NUMBER

C007

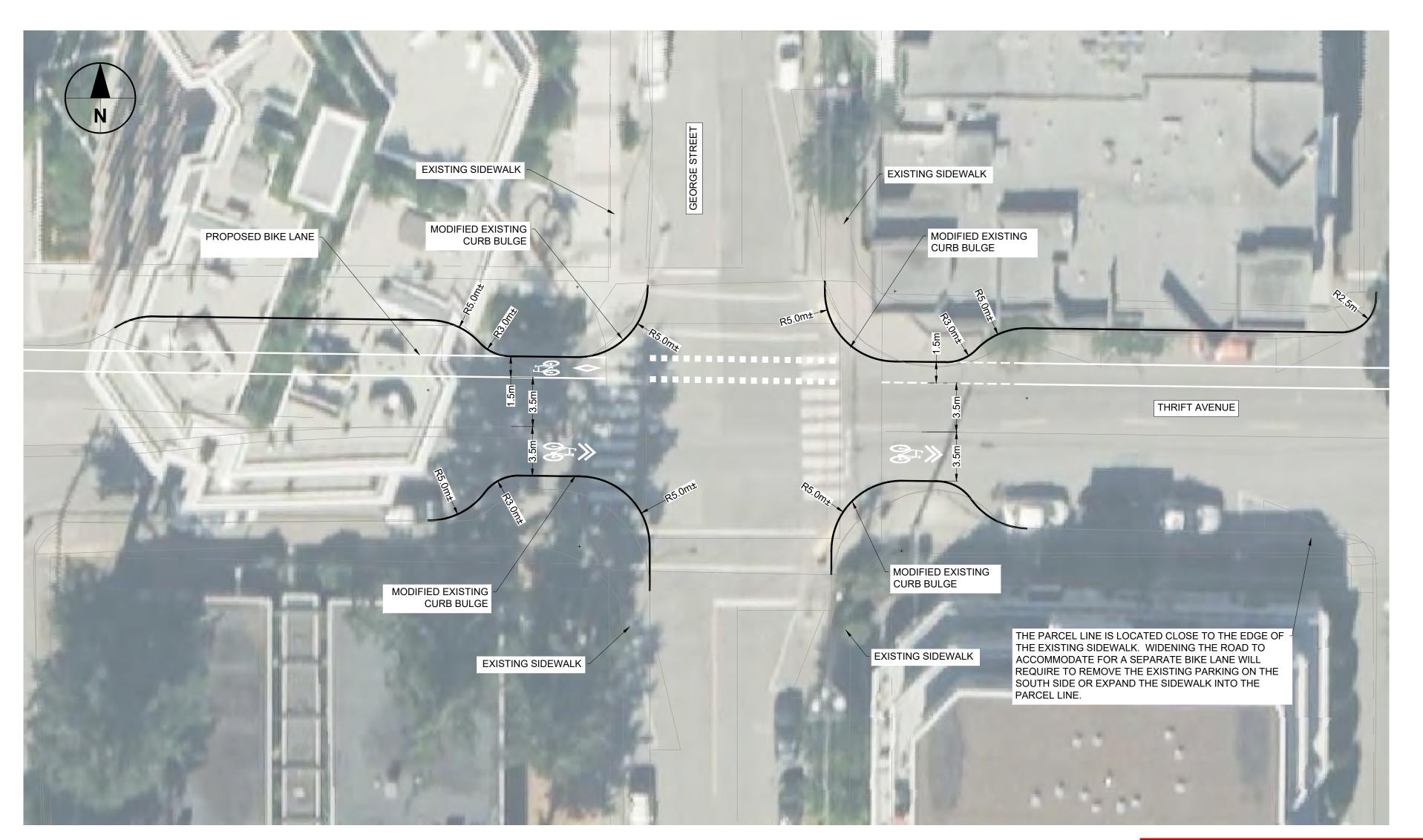
- REFER TO SHEET C000 FOR GENERAL NOTES
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- FUTURE CONSIDERATION: PROTECT FOR THE LONG-TERM IMPLEMENTATION OF SEPARATED CYCLING FACILITIES AS PER THE ITIMP.
- THE BIKE FACILITIES ARE INTEGRATED IN THE IMPROVEMENT RECOMMENDATION AS PER CITY'S ADOPTED INTEGRATED INFRASTRUCTURE AND TRANSPORTATION MASTER PLAN (ITIMP).

LEGEND: — EXISTING CURBS AND MARKINGS EXISTING POLES PROPOSED SYMBOL PROPOSED WHITE MARKINGS

ROAD AUTHORITY	CITY OF WHITE ROCK		
ROADWAY	THRIFT AVENUE	GEORGE STREET	
ROAD CLASS	PRIMARY COLLECTOR	NEIGHBORHOOD COLLECTOR	
POSTED SPEED LIMIT	50 km/h	50 km/h	
TRUCK ROUTE	YES	NO	
BUS ROUTE	NO	NO	
BIKE ROUTE	YES	NO	



TYPICAL ITIMP CROSS SECTION ON THRIFT AVENUE



**INTERSECTION OF GEORGE STREET & THRIFT AVENUE** 

**CONCEPTUAL DESIGN** NOT FOR CONSTRUCTION

## **AECOM**

**PROJECT** 

CITY OF WHITE ROCK SPEED AND TRAFFIC **CALMING STUDY** 

CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

## CONSULTANT

4TH FLOOR, 3292 PRODUCTION WAY BURNABY, BC V5A 4R4 604.444.6400 TEL 604.294.8597 FAX WWW.AECOM.COM

## **REGISTRATION**

## ISSUE/REVISION

Α	2023-12-18	ISSUED FOR INFORMATION
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## **KEY PLAN**



## PROJECT NUMBER

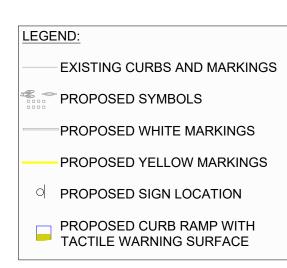
60704407

SHEET TITLE

INTERSECTION OF GEORGE STREET AND THRIFT SITE #8

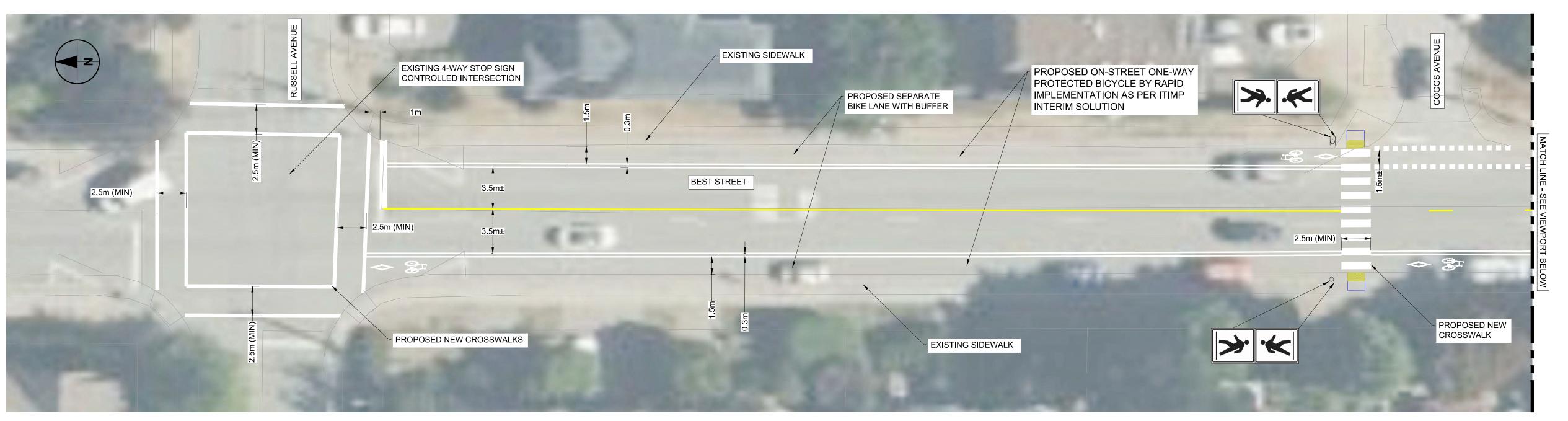
**CONCEPTUAL DESIGN** SHEET NUMBER

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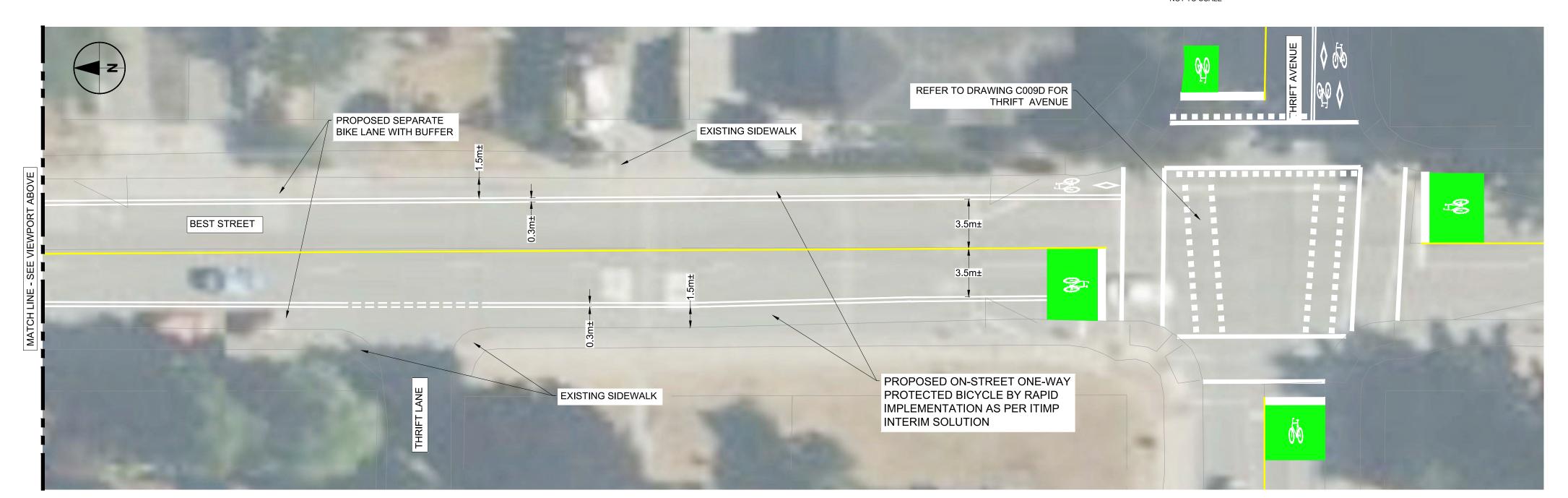


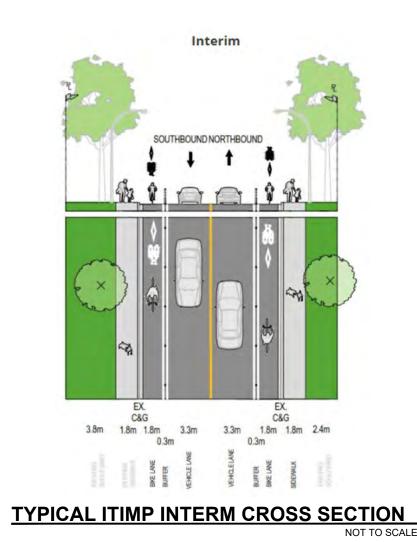
# CONCEPTUAL DESIGN NOT FOR CONSTRUCTION

ROAD AUTHORITY	CITY OF WHITE ROCK				
ROADWAY	BEST STREET	RUSSELL AVENUE	FINLAY STREET	THRIFT AVENUE	GOGGS AVENUE
ROAD CLASS	PRIMARY COLLECTOR	PRIMARY COLLECTOR	PRIMARY COLLECTOR	PRIMARY COLLECTOR	LOCAL RESIDENTIAL
POSTED SPEED LIMIT	50 km/h	50 km/h	50 km/h	50 km/h	50 km/h
TRUCK ROUTE	YES	NO	YES	YES	NO
BUS ROUTE	NO	YES	NO	NO	NO
BIKE ROUTE	YES	NO	YES	YES	NO



BEST STREET BETWEEN RUSSELL AVENUE AND THRIFT AVENUE - INTERIM





BEST STREET BETWEEN RUSSELL AVENUE AND THRIFT AVENUE - INTERIM

**AECOM** 

PROJE

CITY OF WHITE ROCK SPEED AND TRAFFIC CALMING STUDY

CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

## CONSULTANT

AECO

4TH FLOOR, 3292 PRODUCTION WAY BURNABY, BC V5A 4R4 604.444.6400 TEL 604.294.8597 FAX WWW.AECOM.COM

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A 2023-12-18 ISSUED FOR INFORMATION
I/R DATE DESCRIPTION

KEY PLAN



PROJECT NUMBER

60704407

SHEET TITLE

SQUARE AREA OF FINLAY STREET, GOGGS AVENUE, THRIFT AVENUE, RUSSELL AVENUE, AND BEST STREET SITE #9

CONCEPTUAL DESIGN
SHEET NUMBER

<del>JIILLI I</del>

Printed on \_\_\_\_% Post-Consumer

- REFER TO SHEET C000 FOR GENERAL NOTES
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- FUTURE CONSIDERATION: SEEK OUT OPPORTUNITIES TO IMPLEMENT OTHER PROJECTS IDENTIFIED IN ITIMP FOR THE AREA.

•	TOTAL CONCIDENTION. SEEK OUT OF TORTONTIES TO IMILEEMENT OTHER TROOPED TO IDENTIFIED IN THIMIL TORTHE AREA.
•	ALL DIMENSIONS SHOWN ARE INDICATIVE FOR INFORMATION ONLY. THE DIMENSIONS WERE DERIVED BASED ON EXISTING SURVEY DATA FROM THE OPEN DATA PORTALS. ALL DIMENSIONS HAVE NOT BEE
	VERIFIED OR CONFIRMED.

## CONCEPTUAL DESIGN NOT FOR CONSTRUCTION

CITY OF WHITE ROCK **ROAD AUTHORITY** BEST STREET RUSSELL AVENUE FINLAY STREET THRIFT AVENUE **GOGGS AVENUE ROADWAY** PRIMARY PRIMARY PRIMARY PRIMARY **ROAD CLASS** LOCAL RESIDENTIAL COLLECTOR COLLECTOR COLLECTOR COLLECTOR **POSTED SPEED LIMIT** 50 km/h 50 km/h 50 km/h 50 km/h 50 km/h NO TRUCK ROUTE YES NO YES YES **BUS ROUTE** NO NO YES YES YES NO **BIKE ROUTE** NO YES

EXISTING CURBS AND MARKINGS



RUSSELL AVENUE BETWEEN BEST STREET AND FINLAY STREET



RUSSELL AVENUE BETWEEN BEST STREET AND FINLAY STREET

NOT TO SCALE

AECOM

CITY OF WHITE ROCK SPEED AND TRAFFIC **CALMING STUDY** 

CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

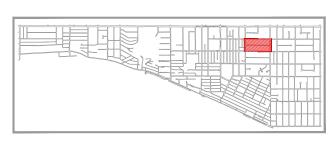
## CONSULTANT

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## **REGISTRATION**

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## PROJECT NUMBER

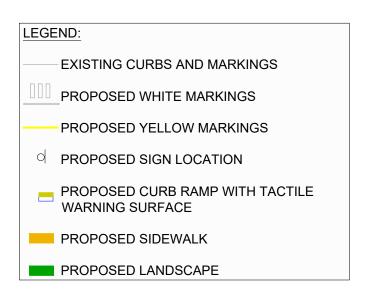
60704407

## SHEET TITLE

SQUARE AREA OF FINLAY STREET, GOGGS AVENUE, THRIFT AVENUE, RUSSELL AVENUE, AND BEST STREET **CONCEPTUAL DESIGN** 

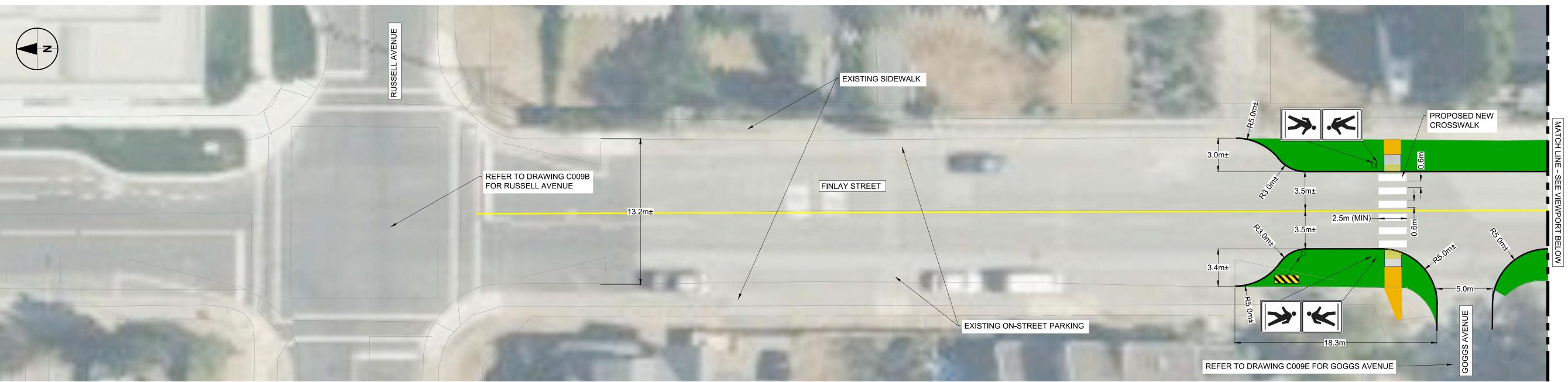
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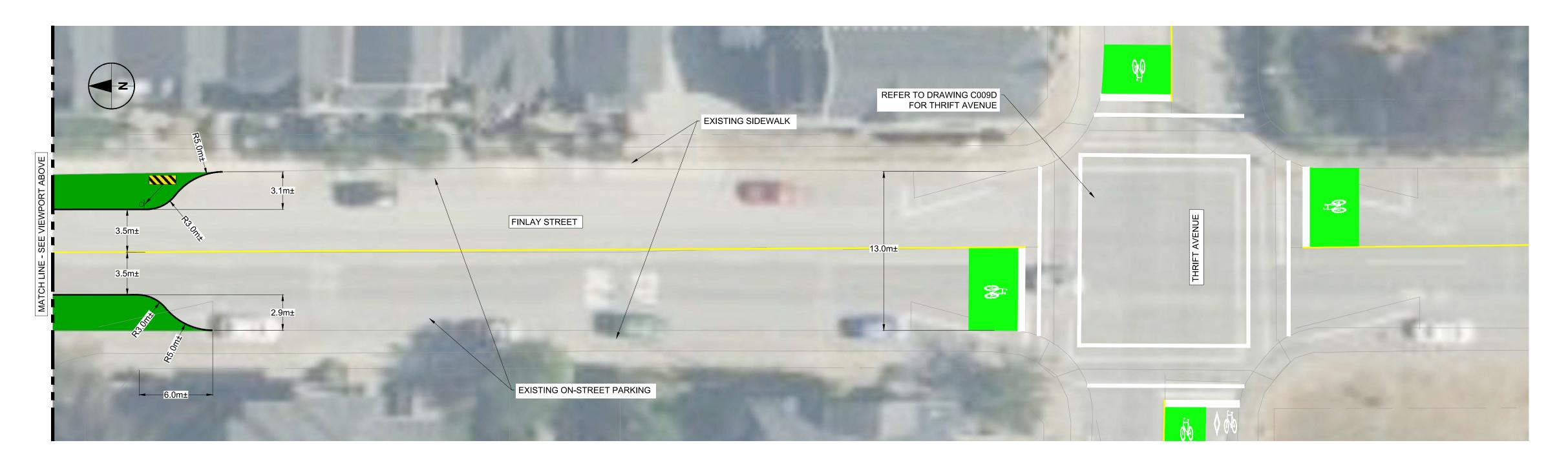


## **CONCEPTUAL DESIGN** NOT FOR CONSTRUCTION

ROAD AUTHORITY	CITY OF WHITE ROCK				
ROADWAY	BEST STREET	RUSSELL AVENUE	FINLAY STREET	THRIFT AVENUE	GOGGS AVENUE
ROAD CLASS	PRIMARY COLLECTOR	PRIMARY COLLECTOR	PRIMARY COLLECTOR	PRIMARY COLLECTOR	LOCAL RESIDENTIAL
POSTED SPEED LIMIT	50 km/h	50 km/h	50 km/h	50 km/h	50 km/h
TRUCK ROUTE	YES	NO	YES	YES	NO
BUS ROUTE	NO	YES	NO	NO	NO
BIKE ROUTE	YES	NO	YES	YES	NO



FINLAY STREET BETWEEN RUSSELL AVENUE AND THRIFT AVENUE
NOT TO SCALE



FINLAY STREET BETWEEN RUSSELL AVENUE AND THRIFT AVENUE

## **AECOM**

CITY OF WHITE ROCK SPEED AND TRAFFIC **CALMING STUDY** 

CLIENT

## CITY OF WHITE ROCK

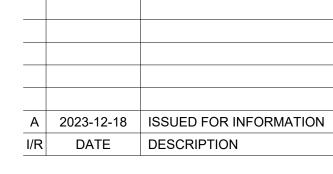
15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

### CONSULTANT

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## PROJECT NUMBER

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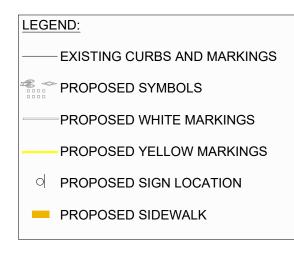
SHEET TITLE

SQUARE AREA OF FINLAY STREET, GOGGS AVENUE, THRIFT AVENUE, RUSSELL AVENUE, AND BEST STREET

CONCEPTUAL DESIGN

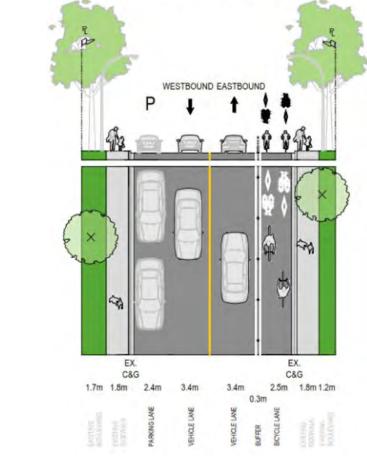
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## **CONCEPTUAL DESIGN** NOT FOR CONSTRUCTION

ROAD AUTHORITY	CITY OF WHITE ROCK				
ROADWAY	BEST STREET	RUSSELL AVENUE	FINLAY STREET	THRIFT AVENUE	GOGGS AVENUE
ROAD CLASS	PRIMARY COLLECTOR	PRIMARY COLLECTOR	PRIMARY COLLECTOR	PRIMARY COLLECTOR	LOCAL RESIDENTIAL
POSTED SPEED LIMIT	50 km/h	50 km/h	50 km/h	50 km/h	50 km/h
TRUCK ROUTE	YES	NO	YES	YES	NO
BUS ROUTE	NO	YES	NO	NO	NO
BIKE ROUTE	YES	NO	YES	YES	NO



Best Street to Finlay Street - Interim

TYPICAL ITIMP INTERM CROSS SECTION



THRIFT AVENUE BETWEEN BEST STREET AND FINLAY STREET - INTERIM



THRIFT AVENUE BETWEEN BEST STREET AND FINLAY STREET - INTERIM

**AECOM** 

CITY OF WHITE ROCK SPEED AND TRAFFIC **CALMING STUDY** 

CLIENT

## CITY OF WHITE ROCK

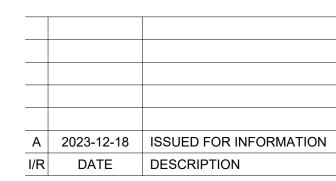
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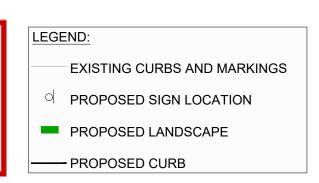
SHEET TITLE

SQUARE AREA OF FINLAY STREET, GOGGS AVENUE, THRIFT AVENUE, RUSSELL AVENUE, AND BEST STREET

**CONCEPTUAL DESIGN SHEET NUMBER** 

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- PROPOSED CHICANE TO BE CONSTRUCTED WITH RAPID IMPLEMENTATION OF COST-EFFECTIVE MATERIALS.

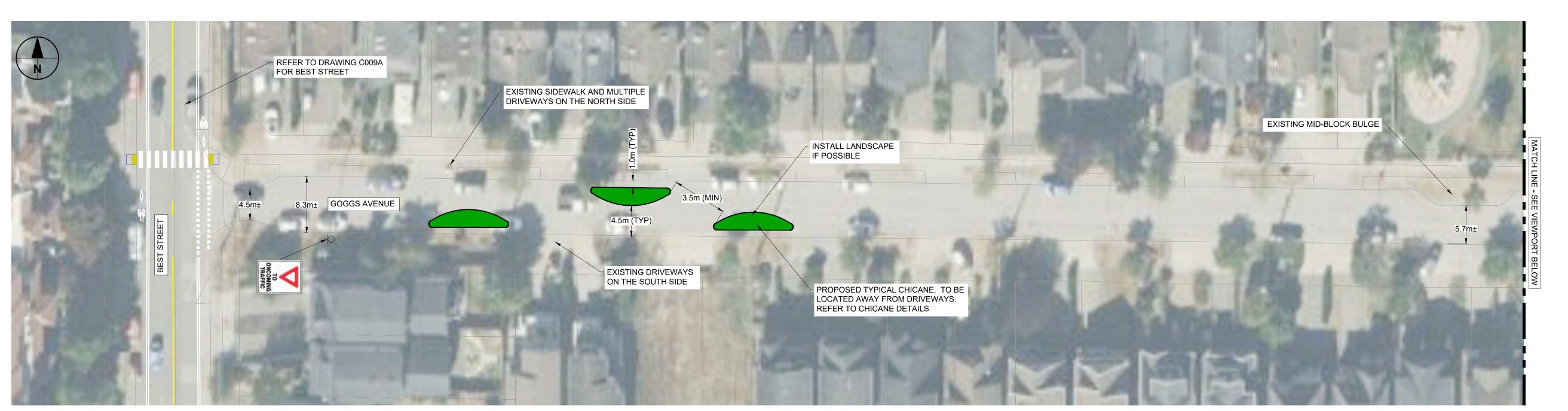
## **CONCEPTUAL DESIGN** NOT FOR CONSTRUCTION



G <sup>►</sup> TRAFFIC
DIRECTION
R10m (TYP)
45° (TYP)

NOT TO SCALE

ROAD AUTHORITY	CITY OF WHITE ROCK				
ROADWAY	BEST STREET	RUSSELL AVENUE	FINLAY STREET	THRIFT AVENUE	GOGGS AVENUE
ROAD CLASS	PRIMARY COLLECTOR	PRIMARY COLLECTOR	PRIMARY COLLECTOR	PRIMARY COLLECTOR	LOCAL RESIDENTIAL
POSTED SPEED LIMIT	50 km/h	50 km/h	50 km/h	50 km/h	50 km/h
TRUCK ROUTE	YES	NO	YES	YES	NO
BUS ROUTE	NO	YES	NO	NO	NO
BIKE ROUTE	YES	NO	YES	YES	NO



GOGGS AVENUE BETWEEN BEST STREET AND FINLAY STREET



**GOGGS AVENUE BETWEEN BEST STREET AND FINLAY STREET** 

AECOM

CITY OF WHITE ROCK SPEED AND TRAFFIC **CALMING STUDY** 

CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

## CONSULTANT

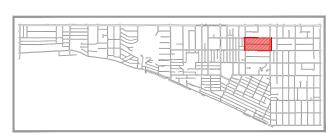
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PROJECT NUMBER

60704407

SHEET TITLE

SQUARE AREA OF FINLAY STREET, GOGGS AVENUE, THRIFT AVENUE, RUSSELL AVENUE, AND BEST STREET

**CONCEPTUAL DESIGN SHEET NUMBER** 

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# CONCEPTUAL DESIGN NOT FOR CONSTRUCTION

ROAD AUTHORITY	CITY OF WHITE ROCK	
ROADWAY	EVERALL STREET	HARDIE AVENUE
ROAD CLASS	LOCAL RESIDENTIAL	LOCAL RESIDENTIAL
POSTED SPEED LIMIT	30 km/h (SOUTH OF HARDIE AVENUE)	50 km/h
TRUCK ROUTE	NO	NO
BUS ROUTE	NO	NO
BIKE ROUTE	NO	NO

LEGE	ND:
	EXISTING CURBS AND MARKINGS
	PROPOSED CURBS
	PROPOSED SIDEWALK
<del>333.2</del>	PROPOSED CURB RAMPS WITH TACTILE WARNING SURFACE
	CONCEPTUAL ROAD CENTERLINE



**EVERALL STREET AT HARDIE AVENUE** 

PROPOSED NEW SIDEWALK

**EVERALL STREET AT HARDIE AVENUE** 

NOT TO SCALE

## **AECOM**

**PROJEC** 

CITY OF WHITE ROCK SPEED AND TRAFFIC CALMING STUDY

CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

## CONSULTANT

AECOM

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## PROJECT NUMBER

60704407

## SHEET TITLE

EVERALL STREET AT HARDIE AVENUE SITE #10 CONCEPTUAL DESIGN

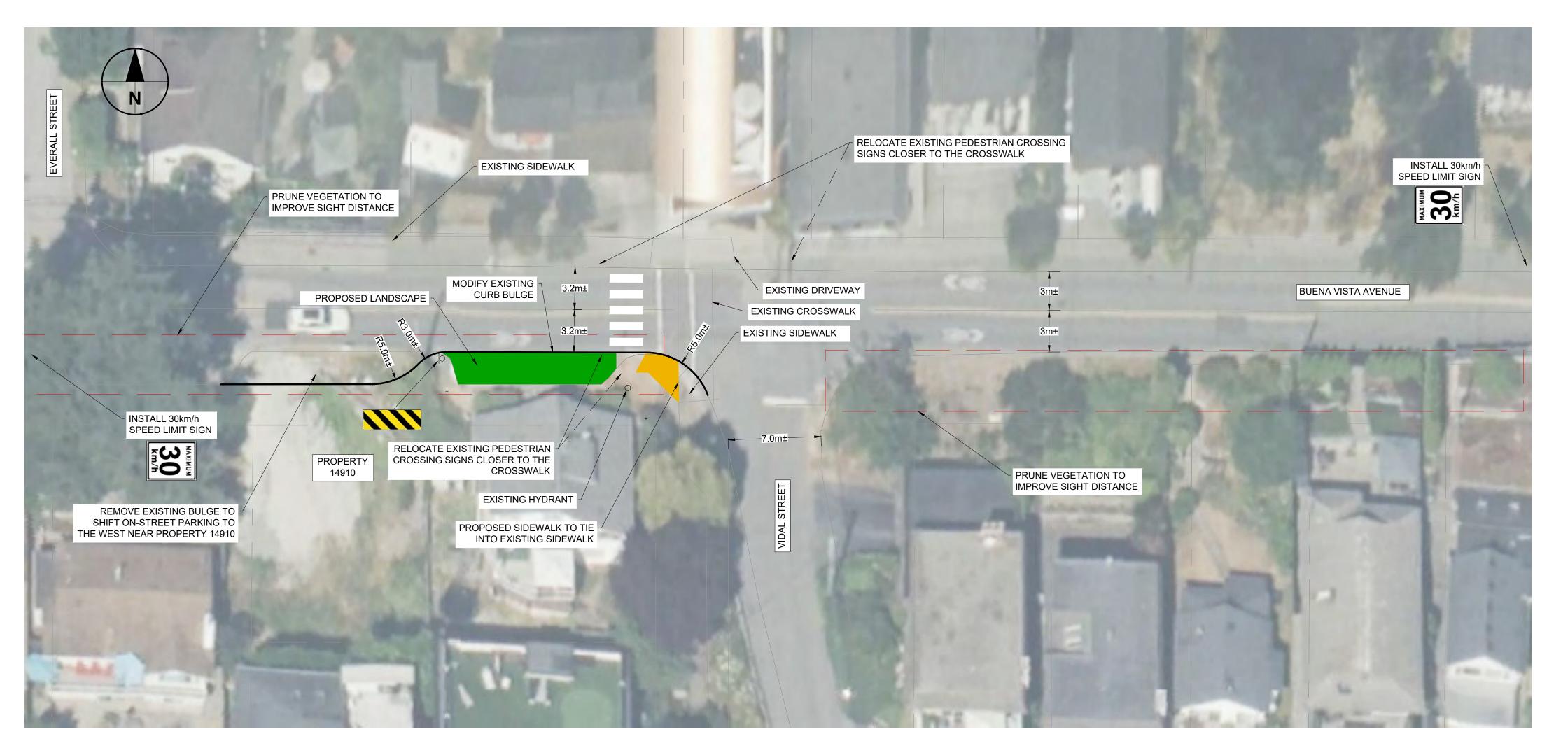
## SHEET NUMBER

C01

- REFER TO SHEET C000 FOR GENERAL NOTES
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- FUTURE CONSIDERATION: PROTECT FOR LONG-TERM IMPLEMENTATION OF SEPARATE CYCLING FACILITIES AS PER ITIMP.

LEGEND:		
	EXISTING CURBS AND MARKING	
8	EXISTING POLES	
	PROPOSED LANDSCAPE	
0	PROPOSED SIGN LOCATION	
	PROPOSED SIDEWALK	
0000	PROPOSED WHITE MARKINGS	
	PROPOSED CURB RAMP WITH TACTILE WARNING SURFACE	

ROAD AUTHORITY	CITY OF WHITE ROCK	
ROADWAY	BUENA VISTA AVENUE	VIDAL STREET
ROAD CLASS	PRIMARY COLLECTOR	LOCAL RESIDENTIAL
POSTED SPEED LIMIT	50 km/h	50 km/h
TRUCK ROUTE	YES	NO
BUS ROUTE	YES	NO
BIKE ROUTE	YES	NO



**INTERSECTION OF BUENA VISTA AVENUE AND VIDAL STREET** 

CONCEPTUAL DESIGN NOT FOR CONSTRUCTION

**PROJECT** 

CITY OF WHITE ROCK SPEED AND TRAFFIC **CALMING STUDY** 

CLIENT

## CITY OF WHITE ROCK

15322 BUENA VISTA AVENUE WHITE ROCK, BC V4B 1Y6 604.541.2100 tel WWW.WHITEROCKCITY.CA/

### CONSULTANT

4TH FLOOR, 3292 PRODUCTION WAY BURNABY, BC V5A 4R4 604.444.6400 TEL 604.294.8597 FAX WWW.AECOM.COM

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## **KEY PLAN**



## **PROJECT NUMBER**

60704407

SHEET TITLE

INTERSECTION OF BUENA VISTA AND VIDAL STREET **SITE #11 CONCEPTUAL DESIGN** 

## **SHEET NUMBER**

C011