PUBLIC HEARING BINDER: 115 & 123 West Queens Road



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	Public Hearing Agenda
	Staff Report – October 29, 2015
	This report provides an overview of the project and the land use issues related to
	the review of this Rezoning Bylaw
	Bylaw 8149 which rezones the subject site from Single-Family Residential 6000 Zone
	(RS4) to Comprehensive Development 89 Zone (CD89) to allow the development of a
	fourteen unit townhouse project.
Addition	al Information
	Public Hearing Notice
1	Public Hearing Notice Traffic and Parking Review
1	
1	Traffic and Parking Review
1	Traffic and Parking Review Addendum #2
1	 Traffic and Parking Review Addendum #2 Garbage Autoturn Analysis
1	 Traffic and Parking Review Addendum #2 Garbage Autoturn Analysis Addendum #1
	 Traffic and Parking Review Addendum #2 Garbage Autoturn Analysis Addendum #1 Road Marking and Signage Plan
	 Traffic and Parking Review Addendum #2 Garbage Autoturn Analysis Addendum #1 Road Marking and Signage Plan Design Reduced Architectural Drawings





What: A Public Hearing for Bylaw 8149, a proposed amendment to the Zoning Bylaw, to enable the development of a fourteen unit townhouse project at 115 and 123 West Queens Road.

When: 7pm, Tuesday, December 1, 2015

Where: Council Chambers, District of North Vancouver Municipal Hall, 355 West Queens Road, North Vancouver, BC

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TH ST	CHESTERFIE	ERN AVE	LONSDALE AVE		EASTERN AVE	



What changes?	Bylaw 8149 proposes to amend the District's Zoning Bylaw by rezoning the subject site from Residential Single-Family Residential 6000 Zone (RS4) to Comprehensive Development 89 Zone (CD89) to allow the development of a 14 unit townhouse project.
When can I speak?	We welcome your input Tuesday, December 1, 2015 at 7 pm. You can speak in person by signing up at the Hearing or you can provide a written submission to the Municipal Clerk at input@dnv.org or by mail to Municipal Clerk, District of North Vancouver, 355 West Queens Road, North Vancouver, BC V7N 4N5, before the conclusion of the Hearing. Please note that Council may not receive further submissions from the public concerning this application after the conclusion of the public hearing.
Need more info?	Relevant background material and copies of the bylaw are available for review at the Municipal Clerk's Office or online at dnv.org/public_hearing from November 18 to December 1. Office hours are Monday to Friday 8 am to 4:30 pm, except statutory holidays.
Who can I speak to?	Erik Wilhelm, Community Planner, at 604-990-2360 or wilhelme@dnv.org.

dnv.org/public_hearing

@NVanDistrict



NOORT DEVELOPMENTS

RESIDENTIAL DEVELOPMENT

115/123 WEST QUEENS ROAD, NORTH VANCOUVER, BC

TRAFFIC & PARKING REVIEW

ADDENDUM #2

Prepared by

BWW CONSULTING

North Vancouver BC

September 2015

bwwc782

RESIDENTIAL DEDVELOPMENT WEST QUEENS NORTH VANCOUVER

TRAFFIC & PARKING REVIEW

ADDENDUM #2

Following submission of Addendum #1 the District of North Vancouver responded "...Transportation is receptive to the proposed lane operation per Sketch 2 subject to: ...". The "subject to" related to four items set out below in italics with the response to the item following.

1. AutoTurn analysis for a Commercial Garbage Truck per specification ... to determine the route from the N/S lane to the garbage staging are and exit.

Response: The AutoTurn analysis will be prepared by Creus Engineering and submitted separately.

2. Submission of a Signage and Road Marking plan with lane dimensions, barricade type, size and location, road markings, proposed signs, etc.

Response: The Signage and Road Marking plan will be prepared by Creus Engineering (following a field review of the site to confirm certain dimensions) and submitted separately.

- 3. Review of traffic and parking operations 6 months after occupancy to:
 - Update Sketch 3 trip numbers
 - Determine if there is WB traffic spillback on West 29th Street to Lonsdale Avenue. If so strategies to mitigate congestion on the N/S lane and West 29th Street, ie, possibility of reducing north side on-street parking to introduce a right turn bay, etc.

Response: The Developer will arrange for the operational review 6 months +- after occupancy.

4. Suggestions on how to reduce/eliminate Lonsdale Avenue NB left turn movements into the lane and Queens Cross driveway.

Response: Based on an actual assessment of the actual traffic conditions on Lonsdale at the Lane and pub driveway the following might be considered:

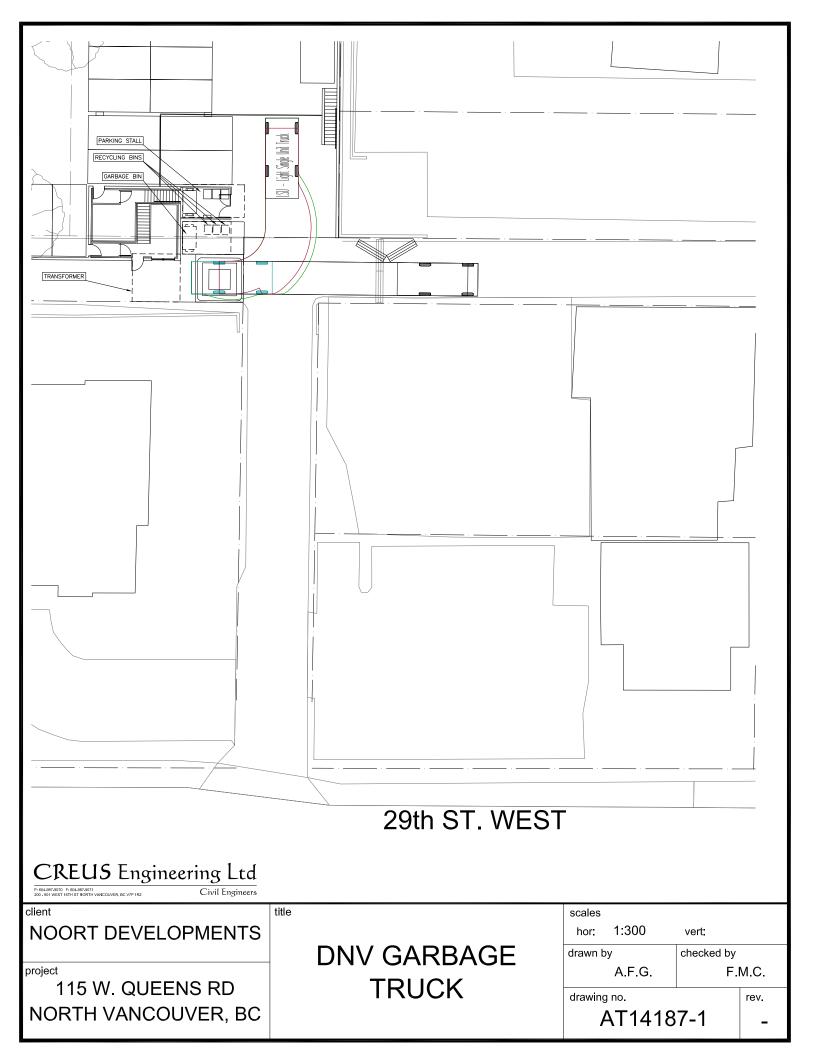
- A. Full time control
 - Construct a raised median in the middle of Lonsdale across the lane and driveway

- Install tubular wands along the Lonsdale directional divider line (yellow) across the lane and driveway
- Install overhead no left turn signs on the NB approaches to the lane and driveway and post mounted north side of the lane and driveway (sign R-15L).
- B. Part-time control
 - Install overhead and post mounted no left turn signs (R-15L) with time tabs, e.g.:
 - **7 9** a.m. or;
 - 4 6 p.m. or;
 - \circ 7 9 a.m. and 4 6 p.m. or;
 - 7 a.m. 6 p.m.
 - Determine if the above are appropriate Monday to Friday or 7 days a week.
 - Time period and days would be based on the traffic assessment.

BWW CONSULTING

bwwc782

September 2015



NOORT DEVELOPMENTS

RESIDENTIAL DEVELOPMENT

115/123 WEST QUEENS ROAD, NORTH VANCOUVER, BC

TRAFFIC & PARKING REVIEW

ADDENDUM #1

Prepared by

BWW CONSULTING

North Vancouver BC

August 2015

bwwc782

RESIDENTIAL DEDVELOPMENT WEST QUEENS NORTH VANCOUVER

TRAFFIC & PARKING REVIEW

ADDENDUM #1

INTRODUCTION

Noort Developments is proposing to redevelop the lots at 115 and 123 West Queens Road in North Vancouver to a multifamily building. A Traffic and Parking Review was done by BWW CONSULTING (bwwc) in June 2014. Earlier in 2015, the District of North Vancouver Council did not support the project with one of the main reasons being traffic concerns regarding access. In particular, there were concerns about the current congestion related to the existing Starbucks activity at the lane access and West 29th Street. The project has been redesigned and this addendum has been prepared to address those traffic concerns.

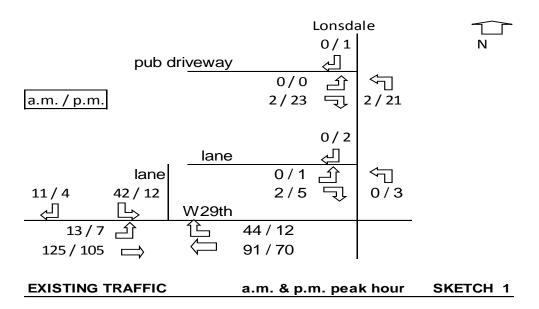
PROPOSED DEVELOPMENT

The proposed residential development has been reduced to 14 units with a mix of 2 and 3 bedrooms. Parking is underneath the building and access is proposed from the north-south lane to the south of the site. Immediately east of the site is the Queens Cross pub and to the west is a Seniors residential complex.

EXISTING TRAFFIC ACTIVITY

Existing traffic activity in the a.m. and p.m. peak hours is shown on Sketch 1 for:

- the pub driveway off Lonsdale
- the east-west lane just south of the pub driveway off Lonsdale
- the north-south lane west of Lonsdale just east of the Seniors complex off West 29th.



PROJECT TRAFFIC

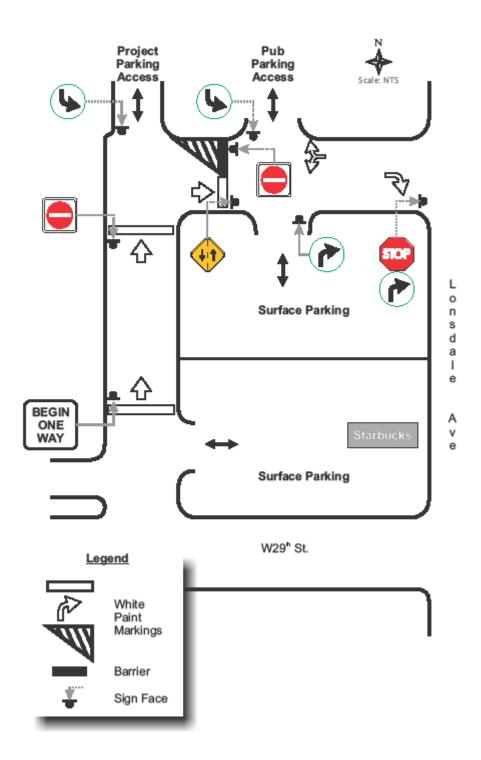
The trip generation rates for this project are based on the Institute of Transportation Engineers Trip Generation Manual (and checked against regional data in bwwc's files). The rates used are consistent with the original report. The a.m. and p.m. peak hour vehicle trip generation rates and resultant vehicle trip activity for the 14 unit complex are summarized below.

	trip	trip rate		ips
	IN	OUT	IN	OUT
A.M.	0.1	0.4	2	6
P.M.	0.4	0.2	6	3

For analysis purposes the above have been rounded to: A.M.: IN 5 and OUT 10 and P.M.: IN 10 and OUT 5.

LANE OPERATION

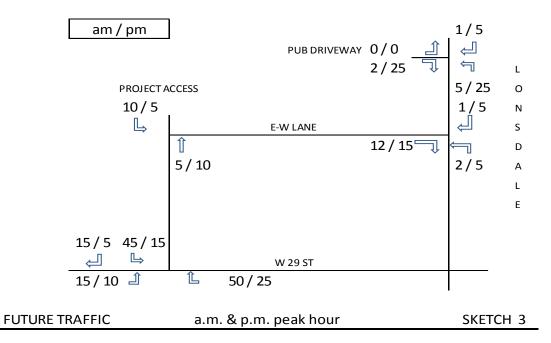
Following Council's concerns regarding access the question of removing the barricade in the east-west lane and changing the operation of the north-south and east-west lanes was discussed with District staff. In accordance with that discussion a lane operation arrangement has been developed with the intent on minimizing traffic conflicts with the Starbucks'-generated traffic at the north-south lane/West 29th Street intersection. The proposed operation is to restrict traffic exiting the project from using the north-south lane to get to West 29th Street and to avoid project traffic from accessing the site via a left turn off Lonsdale into the east-west lane. The proposed lane operation based on standard traffic engineering controls is shown in Sketch 2.



PROPOSED LANE OPERATION

SKETCH 2

The resultant total traffic flows (existing traffic plus project traffic) with the proposed operation are shown below (Sketch 3).



The proposed system essentially limits the impact of the project traffic on the existing northsouth lane. The lower a.m. peak project inbound traffic is combined with the busier Starbucks' morning traffic and the higher p.m. peak inbound project traffic is combined with the lower Starbucks' traffic in the afternoon. The project traffic is restricted in route choice when exiting the site. There will be additional travel involved in order to travel north on Lonsdale. In addition, all project traffic will exit onto the busy arterial, Lonsdale, instead of using the lower class and lower volume route of West 29th Street.

There are no operational concerns with the proposed system. As part of the DNV's ongoing monitoring of the District's street system operations, this location can be assessed over time to see if any operational changes are warranted.

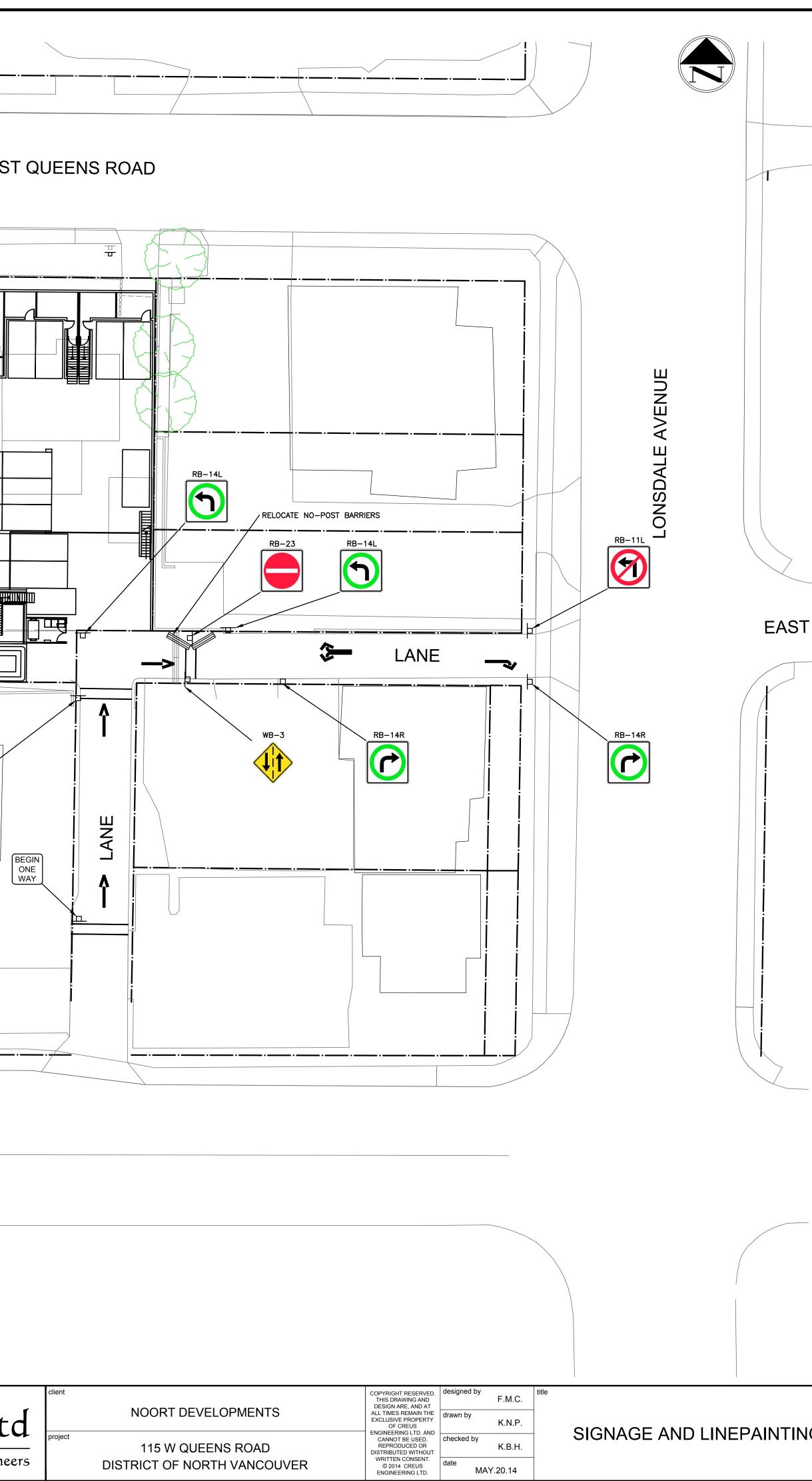
It is suggested that if there is redevelopment on the Starbucks property or the property north of Starbucks the lane operation be reviewed.

BWW CONSULTING

bwwc782

August 2015

WEST 29th STREET			
WEST 29th STREET			
		WES	ST 29th STREET



date

MAY.20.14

DISTRICT OF NORTH VANCOUVER

SIGNAGE & LINEPAINTING NOTES:

- ALL SIGNAGE & LINEPAINT AS PER THE TRANSPORTATION ASSOCIATION OF CANADA 'MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES', OR WHEN WORKING IN A MINISTRY OF TRANSPORTATION RIGHT OF WAY, THE MINISTRY OF TRANSPORTATION 'MANUAL OF STANDARD TRAFFIC SIGNS AND PAVEMENT MARKINGS'.
- 2. SIGN COLOURS, TEXT SIZE & FONTS TO CONFORM WITH T.A.C. AND DISTRICT OF NORTH VANCOUVER STANDARDS.
- 3. PAVEMENT MARKINGS TO CONFORM WITH T.A.C. AND DISTRICT OF NORTH VANCOUVER STANDARDS.
- 4. ALL SIGNAGE TO BE DIAMOND GRADE.
- 5. CONTRACTOR TO SUPPLY AND INSTALL ALL SIGNAGE AT DEVELOPER'S EXPENSE.
- 6. ROAD MARKING TO BE EXTRUDED THERMOPLASTIC OR BETTER. CONTRACTOR TO BE ACCEPTED BY DNV TRANSPORTATION.
- 7. SIGNS TO BE PLACED SUCH THAT EDGE OF SIGN IS 0.3m FROM FACE OF CURB.
- 8. SIGN POSTS TO BE ROUND. BOTTOM OF SIGNS TO BE 2.0m 3.0m ABOVE GROUND.
- 9. BASES TO BE 36KG CONCRETE TRAPEZOIDAL WITH SLEEVES BY VALLEY SIGNS OR APPROVED EQUAL IN BOULEVARD. SLEEVES TO BE USED IN SIDEWALKS/CONCRETE AREAS. 10. BASES TO BE BURRED TO 25mm FROM THE TOP AND BASE TO BE SECURE IN GROUND.
- 11. ALL SIGN POSTS TO BE INSTALLED VERTICALLY, TOLERANCE 2".

EAST QUEENS ROAD

IG PLAN

"I, FRED CIAMBRELLI, PROFESSIONAL ENGINEER, IN GOOD STANDING IN AND FOR THE PROVINCE OF BRITISH COLUMBIA, HEREBY CERTIFY THAT THE WORKS AS HEREIN SET OUT ON THE ATTACHED DRAWINGS HAVE BEEN DESIGNED TO GOOD ENGINEERING STANDARDS AND IN ACCORDANCE WITH: THE DISTRICT OF NORTH VANCOUVER DESIGN CRITERIA MANUAL, DATED NOV 2005, THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD), VERSION 2000 AND THE DISTRICT OF NORTH VANCOUVER SUPPLEMENTARY MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (SUPPLEMENTARY SPECIFICATIONS AND SUPPLEMENTARY STANDARD DRAWINGS), ADOPTED BY THE DISTRICT OF NORTH VANCOUVER.

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	10.000	
BASEMENT FLOOR UNITS 1-2 EL. 508.33'		

W.PL REAR BUILDING - SOUTH ELEVATION SCALE: 1/8"=1'-0"

NORTH ELEVATION (W. QUEENS RD.)

 $\langle 7 \rangle$

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- LINE OF EXISTING GRADE AT P/L

ELEVATION KEY:

- (1) ASPHALT ROOF SHINGLES (CHARCOAL)
- 2 DOUBLE GLAZED VINYL FRAMED WINDOW W/ TRIM (ALMOND)
- $\langle 3 \rangle$ 5" ALUMINUM GUTTER ON 2x8 FASCIA (WHITE)
- $\langle 4 \rangle$ GUARD RAIL WITH TEMPERED GLASS (BLACK)
- $\langle 5 \rangle$ 5" WOOD SHAKE PAINTED (BM: EVENING DOVE)
- (6) HARDIE-PANEL PAINTED (BM: EDGECOB GRAY)
- 4" HARDIE-PLANK SIDING PAINTED (BM: SANDY HOOK GRAY)
- (8) CULTURED STONE BASE (COUNTRY LEDGESTONE)
- (9) WOOD WIN./DR. TRIM, POST, HORIZ. BAND, BRACKET PAINTED (BM: EDGECOMB GRAY)
- (1) METAL CLAD ENTRY DOOR 1 PAINTED (BM: HUNTINGTON BEIGE)
- (1) METAL CLAD ENTRY DOOR 2 PAINTED (BM: BLACK PANTHER)

10	JULY 28, 2015	GENERAL REVISIONS	
9	JUN. 15, 2015	POST COUNCIL REVISIONS	
8	APR. 27, 2015	POST PH REVISIONS	
7	JAN. 28, 2015	ADP DETAILED SUBMISSION	
6	DEC. 3, 2014	ADP RESUBMISSION	
5	NOV. 6, 2014	ADP SUBMISSION	
4	MAY 16, 2014	RZ REVISION	
3	APR. 10, 2014	RZ REVISION	
2	APR. 4, 2014	RZ REVISION	
1	FEB. 5, 2014	ISSUED FOR REZONING	
NO.	DATE	REVISIONS	
CONSULTANT			

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18 UNIT TOWNHOUSE DEVELOPMENT

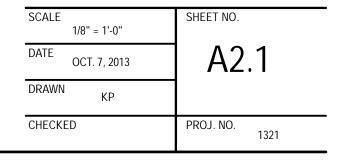
115, 123 WEST QUEENS ROAD NORTH VANCOUVER, B.C.

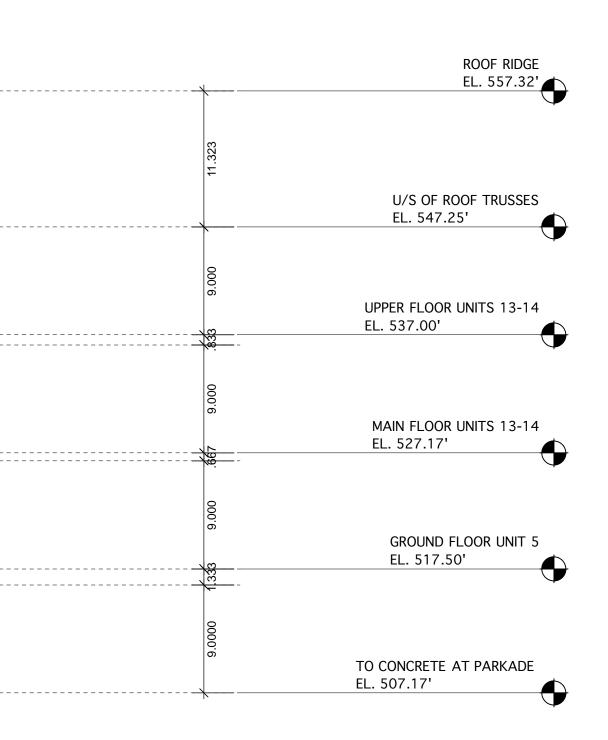
Yamamoto Architecture Inc.

2386 oak street, vancouver, british columbia V6H 4J1 tel: 604-731-1127 fax: 604-731-1327

DRAWING TITLE

ELEVATIONS





-	ROOF RIDGE EL. 561.55'
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	TO CONCRETE AT PARKADE EL. 510.00'
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ELEVATION KEY:

- (1) ASPHALT ROOF SHINGLES (CHARCOAL)
- 2 DOUBLE GLAZED VINYL FRAMED WINDOW W/ TRIM (ALMOND)
- $\langle 3 \rangle$ 5" ALUMINUM GUTTER ON 2x8 FASCIA (WHITE)
- $\langle \overline{4} \rangle$ GUARD RAIL WITH TEMPERED GLASS (BLACK)
- $\langle 5 \rangle$ 5" WOOD SHAKE PAINTED (BM: EVENING DOVE)
- (6) HARDIE-PANEL PAINTED (BM: EDGECOB GRAY)
- $\langle 7 \rangle$ 4" HARDIE-PLANK SIDING PAINTED (BM: SANDY HOOK GRAY)
- $\langle \underline{8} \rangle$ CULTURED STONE BASE (COUNTRY LEDGESTONE)
- WOOD WIN./DR. TRIM, POST, HORIZ. BAND, BRACKET
 PAINTED (BM: EDGECOMB GRAY)
- METAL CLAD ENTRY DOOR 1 PAINTED (BM: HUNTINGTON BEIGE)
- (1) METAL CLAD ENTRY DOOR 2 PAINTED (BM: BLACK PANTHER)

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1	FEB. 5, 2014	ISSUED FOR REZONING		
NO.	DATE	REVISIONS		
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CONSULTANT

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18 UNIT TOWNHOUSE DEVELOPMENT

115, 123 WEST QUEENS ROAD NORTH VANCOUVER, B.C.

Yamamoto Architecture Inc.

2386 oak street, vancouver, british columbia V6H 4J1 tel: 604-731-1127 fax: 604-731-1327

DRAWING TITLE

ELEVATIONS

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		TO CONCRETE AT PARKADE EL. 510.00'

SCALE: 1/8"=1'-0"





FRONT BUILDING - SOUTH ELEVATION (COURTYARD)

ELEVATION KEY:

- (1) ASPHALT ROOF SHINGLES (CHARCOAL)
- 2 DOUBLE GLAZED VINYL FRAMED WINDOW W/ TRIM (ALMOND)
- $\langle 3 \rangle$ 5" ALUMINUM GUTTER ON 2x8 FASCIA (WHITE)
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1	FEB. 5, 2014	ISSUED FOR REZONING
NO.	DATE	REVISIONS
CONSULTANT		

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18 UNIT TOWNHOUSE DEVELOPMENT

115, 123 WEST QUEENS ROAD NORTH VANCOUVER, B.C.

Yamamoto Architecture Inc.

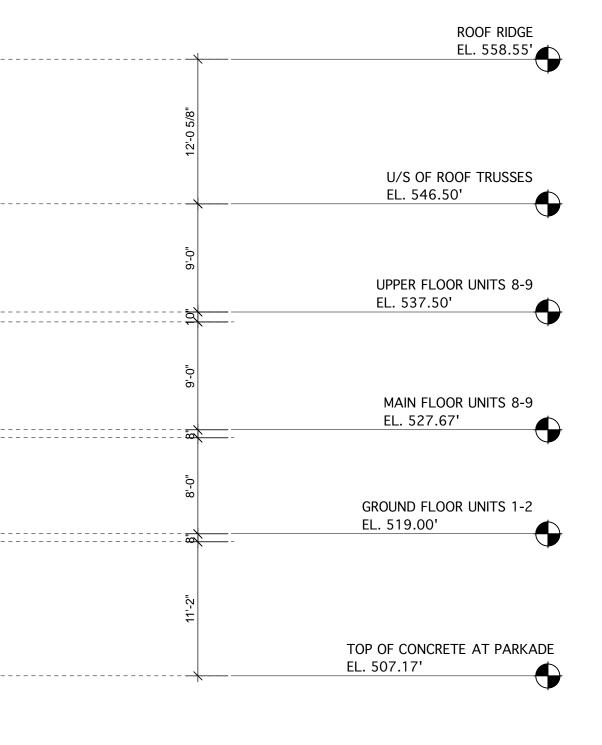
2386 oak street, vancouver, british columbia V6H 4J1 tel: 604-731-1127 fax: 604-731-1327

DRAWING TITLE

INTERIOR COURTYARD ELEVATION / SECTION AT WALKWAY

SCALE 1/8" = 1'-0"	SHEET NO.
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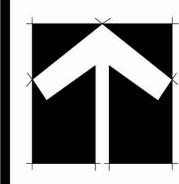




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SEAL:



11	15.JUL.24	NEW SITE PLAN	DD
10	15.JUL.10	NEW SITE PLAN	DD
9	15.JAN.20	REVISION	DD
8	15.JAN.16	AS PER CLIENT REQUEST	DD
7	14.DEC.01	ADD FENCE DETAILS	DD
6	14.NOV.27	NEW SITE PLAN, REV. DETAILS	MN
5	14.NOV.6	EX TREE NOTES ADDED	MN
4	14.NOV.05	REVISE NEW SITE PLAN	RC
3	14.OCT.06	NEW SITE PLAN - MUN. COMMENTS	MN
2	14.MAY.14	NEW SITE PLAN	DD
1	14.FEB.04	NEW SITE PLAN	DD
NO.	DATE	REVISION DESCRIPTION	DF

CLIENT:

NOORT HOMES WITH YAMAMOTO ARCHITECTURE INC.

PROJECT:

18 UNIT TOWNHOUSES

115 & 123 W. QUEENS NORTH VANCOUVER, B.C.

YAMAMOTO ARCHITECTURE INC. DRAWING TITLE:

LANDSCAPE PLAN

DATE:
SCALE:
DRAWN:
DESIGN:
CHK'D:

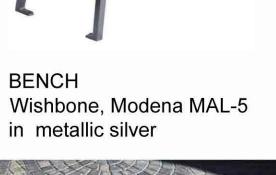
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PC

PC

DRAWING NUMBER:

13-180



SURF Bike Rack; SFBR-5;

in metallic silver

Ph.: 604 626 0476

ABBOTFORD CONCRETE PRODUCTS: ASHLAR PATTERN, CLASSIC STANDARD PAVERS IN SHADOW BLEND

ABBOTSFORD CONCRETE PRODUCTS

VA /

COMMON NAME

JAPANESE MAPLE KATSURA TREE SLENDER HINOKI FALSE CYPRESS PINK FLOWERING DOGWOOD DAWYCK PURPLE BEECH DAWYCK PURPLE BEECH SUMMER SNOWFLAKE VIBURNUM

5 CM SPECIMEN 6CM CAL; 1.8M STD; B&B 2.5M HT; B&B 2.5M HT; B&B 5CM CAL; B&B 6CM CAL; B&B 1.5M HT, B&B

PLANTED SIZE / REMARKS

PMG PROJECT NUMBER: 13-180

NOTES: * PLANT SIZES IN THIS LIST ARE SPECIFIED ACCORDING TO THE BC LANDSCAPE STANDARD, LATEST EDITION. CONTAINER SIZES SPECIFIED AS PER CNTA STANDARDS. BOTH PLANT SIZE AND CONTAINER SIZE ARE THE MINIMUM ACCEPTABLE SIZES. * REFER TO SPECIFICATIONS FOR DEFINED CONTAINER MEASUREMENTS AND OTHER PLANT MATERIAL REQUIREMENTS. * SEARCH AND REVIEW: MAKE PLANT MATERIAL AVAILABLE FOR OPTIONAL REVIEW BY LANDSCAPE ARCHITECT AT SOURCE OF SUPPLY. AREA OF SEARCH TO INCLUDE LOWER MAINLAND AND FRASER VALLEY. * SUBSTITUTIONS: OBTAIN WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO MAKING ANY SUBSTITUTIONS TO THE SPECIFIED MATERIAL. UNAPPROVED SUBSTITUTIONS WILL BE REJECTED. ALLOW A MINIMUM OF FIVE DAYS PRIOR TO DELIVERY FOR REQUEST TO SUBSTITUTE. SUBSTITUTIONS ARE SUBJECT TO BC LANDSCAPE STANDARD - DEFINITION OF CONDITIONS OF AVAILABILITY. ALL LANDSCAPE MATERIAL AND WORKMANSHIP MUST MEET OR EXCEED BC LANDSCAPE

1. THE DISTRICT OF NORTH VANCOUVER IS RESPONSIBLE FOR THE ON-GOING MAINTENANCE OF THE STREET TREES ON OFF-SITE AREAS. PLEASE ENSURE THAT THE DEVELOPER IS AWARE THAT ON-GOING MAINTENANCE OF SHRUBS/GROUNDCOVERS AND LAWN ON OFF-SITE AREAS (BOULEVARD) IS THE RESPONSIBILITY 2. THE PROJECT LANDSCAPE CONTRACTOR, THE PROJECT LANDSCAPE ARCHITECT AND A REPRESENTATIVE FROM DNV PARKS MUST BE PRESENT AT THE PRE-CONSTRUCTION MEETING. IF THIS IS NOT POSSIBLE, THE DEVELOPER MUST MAKE SURE THAT ALL THE GROUPS MEET BEFORE ANY LANDSCAPE CONSTRUCTION 3. ALL PLANTS /TREES USED IN THIS PROJECT MUST FIRST BE INSPECTED BY A REPRESENTATIVE OF THE DNV PARKS DEPT. BEFORE INSTALLATION. THE DISTRICT OF NORTH VANCOUVER HAS THE RIGHT TO REFUSE ANY OR ALL OF THE SELECTED PLANT MATERIAL IF IT DOES NOT MEET THE CURRENT BCLNA GUIDELINES.

DNV # 08.3060.20/027.14

13180-13.ZIP PMG PROJECT NUMBER:



WEST ELEVATION

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ARCHITECTS	フ
Suite C100 - 4185 Still Creek Burnaby, British Columbia, V5 p: 604 294-0011 ; f: 604 29	5C 6G9

SEAL:

11	15.JUL.24	NEW SITE PLAN	DD
10	15.JUL.10	NEW SITE PLAN	DD
9	15.JAN.20	REVISION	DD
8	15.JAN.16	AS PER CLIENT REQUEST	DD
7	14.DEC.01	ADD FENCE DETAILS	DD
6	14.NOV.27	NEW SITE PLAN, REV. DETAILS	MM
5	14.NOV.6	EX TREE NOTES ADDED	MM
4	14.NOV.05	REVISE NEW SITE PLAN	RC
3	14.0CT.06	NEW SITE PLAN - MUN. COMMENTS	MM
2	14.MAY.14	NEW SITE PLAN	DD
1	14.FEB.04	NEW SITE PLAN	DD
NO.	DATE	REVISION DESCRIPTION	DR.

CLIENT:

NOORT HOMES WITH YAMAMOTO ARCHITECTURE INC.

PROJECT:

18 UNIT TOWNHOUSES

115 & 123 W. QUEENS NORTH VANCOUVER, B.C.

YAMAMOTO ARCHITECTURE INC. DRAWING TITLE:

LANDSCAPE ELEVATIONS

DATE:	14.01.07
SCALE:	1/8"= 1'-0"
DRAWN:	MM
DESIGN:	MM
CHK'D:	PCM



OF 10

13180-13.ZIP PMG PROJECT NUMBER: