Date: February 20, 2024

Memo No.: Vibration Assessment Report

Project: 6th Concession Road Residential Development

6th Concession Road, Windsor Ontario

Project #: 21-150

Baird AE has performed a ground vibration monitoring to support draft plan of subdivision process for the planned residential development located in Windsor, Ontario. This report addresses traffic vibration effects on the nearest sensitive receptors.

The subject land is approximately 0.84 hectares in size and bounded by 6th Concession Road to the West and existing residential to the North, South and East. The development proposal consists of 27 townhouse dwelling units, a landscape area, stormwater management and roadway. The location of the property is illustrated in Exhibit 1.

Exhibit 1: Development location

The City of Windsor shows concern that the heavy road traffic along 6th Concession Road may cause annoyance to the new owners and damage buildings due to vibration induced by road traffic.

Traffic vibrations are mainly caused by heavy vehicles such as buses and trucks. Based on traffic counts on 6th Concession Road, the morning traffic is approximately 391 veh/h with 2% of heavy traffic and evening traffic is approximately 644 veh/h with 0.6% heavy traffic.

There are no such national standards exist in Canada for vibration, but Ministry of Environment has publication Noise Pollution Control NPC 119 (MOE, 1982) and ISO 2631-2 (ISO, 1985) provide guidelines and regulatory requirement applied in the prediction of vibration effect. Other factor contributing to vibration amplitude includes vehicle speed, soil type and roughness of road.

The traffic vibration are assessed based on peak particle velocity (PPV) in mm/s to address effect on structure of houses. As shown in Sheet 1 – Vibration Information Plan (Appendix A), the back of proposed new units are approximately 29m and 28m from roadway. The amplitude of the vibration usually ranges between 0.05 and 25 mm/s (0.005 and 2 m/s^2). And MOE cautionary levels are set to 10.0 mm/s when routine monitoring is conducted (see NPC 119) and an upper limit of 12.5 mm/s when vibration monitoring is conducted. For ground vibration, the threshold of human perception is in the order of 0.15 and 0.2 mm/s

Vibration monitoring was conducted at two sensitive locations are shown in Sheet 1. The measurements were completed on June 6 and June 7, 2023 during the peak traffic hours. The vibration analyser SSEYL Landtek VM3670 was securely placed on top of the concrete surface to measure the ground vibration generated by light and heavy vehicles. Monitoring results are provided in table 1.

Table 1: Monitoring Results

Monitoring Location	Morning (June 7)			Evening (June 6)		
	Time of Day	PPC	Distance to centerline of 6th Conc	Time of Day	PPC	Distance to centerline of 6th Conc
Monitoring 1	8:55am	0.05 - 29 mm/s	15.43m	4:55pm	0.06 - 29 mm/s	15.43m
Monitoring 2	8:40am	0.01 - 23 mm/s	12.85m	4:45pm	0.01 - 17 mm/s	12.85m

The results shows that the PPVs at receiver location B are within range of 0.05 and 25mm/s. Whereas, maximum vibration level is slightly higher at Receiver B. It can be noted that the Receiver B is closer to road as compared to Receiver A, The traffic vibration can be characterized by a source-path-receive. Using the interpolation formula, the peak particle velocity measurements at receiver locations at distance will have decreased to maximum of 12 mm/s. To evaluate the effect of vibration on a building, measurements should be normally be made on building façade and midpoints of the floor.

Table 2: Vibration Results

Receiver Location	Peak Particle Velocity (PPV; mm/s)	Distance to Receptor	Sensitive Receptors
Receiver A	15.9 / 14.4	28.08m / 31.08m	Building façade/ Mid-Point of Room
Receiver B	10.2 / 9.3	28.98m / 31.82m	Building façade/ Mid-Point of Room

Based on the interpolation results, vibration from road may felt at sensitive receiver location A. The levels are not considered high enough to cause damage to buildings but are likely to complain of home owners. Following statement to be included in the agreement:

> "Purchasers/tenants are advised that due to the proximity of the adjacent roadway, vibration from the roadway may be felt."

Further, based on acoustical report prepared by Baird AE dated December 2022, an acoustical fence of 1.8m high will be installed along the westerly limit of development. This acoustical fence will also help reduce vibration amplitudes.

We conclude that this vibration effect from surrounding roadway will be minimum effects and the development can be carried out safely.

If you have any questions or wish to discuss our findings, please advise us.

Yours truly,

Shurjeel Tunio, P.Eng.
Senior Project Manager
Baird AE

Appendix A

LEGEND

- RECEIVER LOCATION
- PROPOSED DEVELOPMENT
- NOISE SOURCES
- VIBRATION

BAIRD | AE
architecture + engineering

102 - 27 PRINCESS STREET
LEAMINGTON, ONTARIO
N8H 2X8

201 - 330 RICHMOND STREET,
CHATHAM, ONTARIO
N7M 1P7

1000 - 267 PELISSIER STREET,
WINDSOR, ONTARIO
N9A 4K4.

PROJECT TITLE:
6TH CONCESSION ROAD
CITY OF WINDSOR
WINDSOR, ON

SHEET TITLE:
SHEET 1 - NOISE INFORMATION PLAN

DRAWN BY:	SCALE:	DATE:
S.T.	NTS	FEB 14 2024
CHCK'D BY:	SHEET No. :	PROJECT No. :
ST.	1 OF 4	21-150

DRAFT PLAN OF SUBDIVISION

OF PART OF

PART OF LOT 13, CONCESSION 6

(GEOGRAPHIC TOWNSHIP OF SANDWICH EAST)

IN THE

CITY OF WINDSOR

COUNTY OF ESSEX, ONTARIO

ADDITIONAL INFORMATION IN ACCORDANCE WITH SECTION 51(17) OF THE PLANNING ACT

A) BOUNDARIES OF THE LANDS PROPOSED TO BE SUBDIVIDED: AS SHOWN ON DRAFT PLAN
B) HIGHWAYS: AS SHOWN ON DRAFT PLAN
C) KEY PLAN: AS SHOWN ON DRAFT PLAN
D) PROPOSED USES: THE LAND IS TO BE USED ACCORDING TO SCHEDULE OF LAND USE
E) EXISTING USES OF ADJOINING LAND: AS SHOWN ON DRAFT PLAN
F) APPROXIMATE DIMENSIONS AND LAYOUT THE PROPOSED LOTS: AS SHOWN ON DRAFT PLAN
F1) AFFORDABLE HOUSING: NONE PROPOSED
G) NATURAL AND ARTIFICIAL FEATURES: AS SHOWN ON DRAFT PLAN
H) AVAILABILITY AND NATURE OF DOMESTIC WATER SUPPLIES: MUNICIPAL WATER SUPPLY AVAILABLE
I) SOIL TYPE: BROOKSTON CLAY LOAM
J) EXISTING CONTOURS: AS SHOWN ON DRAFT PLAN
K) MUNICIPAL SERVICES AVAILABLE OR TO BE AVAILABLE: ALL MUNICIPAL SERVICES AVAILABLE, INCLUDING SANITARY SERVICES
L) RESTRICTIONS AFFECTING THE LAND: AS SHOWN ON DRAFT PLAN

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE BOUNDARIES OF THE LAND TO BE SUBDIVIDED AND THEIR RELATIONSHIP TO THE ADJACENT LANDS ARE ACCURATELY SHOWN ON THIS PLAN.

ONTARIO LAND SURVEYOR
ANDREW S. MANTHA, OLS
VERHAEGEN LAND SURVEYORS

DATE

OWNER'S CERTIFICATE

I AUTHORIZE STOREY SAMWAYS PLANNING LIMITED AND BAIRD AE INC TO PREPARE AND SUBMIT THIS DRAFT PLAN OF SUBDIVISION FOR APPROVAL.

PAWAN KHICHI - OWNER
HAVE THE AUTHORITY TO BIND THE CORPORATION

DATE

BAIRD|AE architecture + engineering
info@bairdae.ca
Toll Free 1-844-842-9188
www.bairdae.ca
Local 519-326-6161

PARTNER / CONSULTANTS

SCHEDULE OF LAND USE

LOTS/BLOCKS	LAND USE	UNITS	AREA	PERCENTAGE AREA
BLOCK 1-5	TOWNHOMES	27	5,926.31	70.34%
BLOCK 6	STORMWATER MANAGEMENT (TO BE DEDICATED TO THE CITY)		540.97	6.42%
BLOCK 7-8	ROAD RESERVE		34.03	0.40%
STREET A	ROAD		1,923.54	22.83%
TOTAL		27	8,424.850	100.00%

KEY PLAN
SCALE 1:5000

SITE

REVISIONS

Date	Revision
DEC 13, 2023	REVISED LAYOUT
FEB 01, 2024	REVISED PER CITY COMMENT
----	---
----	---
----	---
----	---
----	---
----	---
----	---
----	---
----	---
----	---
----	---

DATE: JULY 27, 2023
SCALE: 1:250
DRAWN BY: M.R. [--] PRELIMINARY
CHECKED BY: B.P. [-] CONSTRUCTION
APPROVED BY: ---- [-] RECORD

PROJECT TITLE
6TH CONCESSION DEVELOPMENT
4170 & 4190 6TH CONCESSION RD, CITY OF WINDSOR, COUNTY OF ESSEX, ONTARIO

SHEET TITLE
DRAFT PLAN OF SUBDIVISION

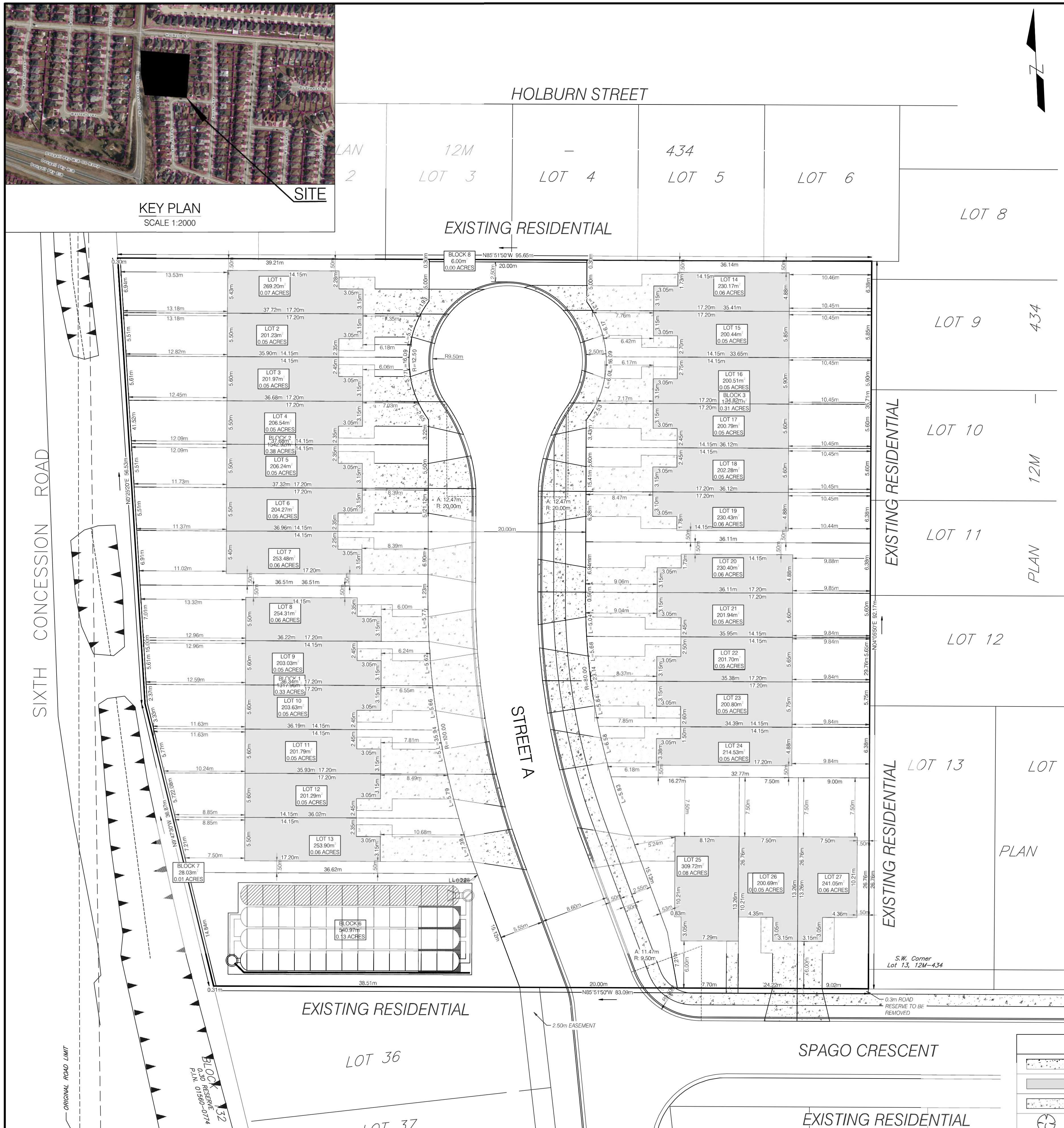
JOB NUMBER 21-150

SHEET NUMBER 01

February 20, 2024

P:\^2021 projects\21-150 - 6th concession development\engineering\production drawings

DISCLAIMER
1. THIS DRAWING IS *NOT* TO BE SCALED.
2. THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS PROVIDED BY AND IS THE PROPERTY OF BAIRD AE ENGINEERS PLANNERS ARCHITECTS.
3. THE CONTRACTOR MUST VERIFY AND ACCEPT RESPONSIBILITY FOR ALL DIMENSIONS AND CONDITIONS ON SITE AND MUST NOTIFY BAIRD AE OF ANY VARIATION FROM THE SUPPLIED INFORMATION.
4. THIS DISCIPLINE IS NOT RESPONSIBLE FOR THE ACCURACY OF SURVEY, AND THE OTHER DISCIPLINES INFORMATION SHOWN ON THIS DRAWING. REFER TO THE APPROPRIATE CONSULTANT'S DRAWINGS BEFORE PROCEEDING WITH THE WORK.
5. CONSTRUCTION MUST CONFORM TO ALL APPLICABLE CODES AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
6. THE CONTRACTOR WORKING FROM DRAWINGS NOT SPECIFICALLY MARKED FOR CONSTRUCTION MUST ASSUME FULL RESPONSIBILITY AND BEAR COSTS FOR ANY CORRECTIONS OR DAMAGES RESULTING FROM THEIR WORK.



LEGEND	
	DRIVEWAY
	BUILDING ENVELOPE
	SIDEWALK
	EXISTING TREES

TOWNHOME DWELLING DETAILS

LOT NO.	PROPOSED							ZONING COMPLIES
	FRONT YARD (m)	REAR YARD (m)	SIDE YARD (m)	LOT WIDTH (m)	LOT COVERAGE	FRONT YARD PAVING		
						REQUIRED	PROPOSED	
LOT 1	7.46	13.06	1.50	6.93	86.43 m² (32.11%)	60.00%	48.55%	COMPLIES
LOT 2	6.30	12.70		5.50	87.43 m² (43.45%)	65.00%	66.28%	COMPLIES
LOT 3	6.17	12.34		5.60	88.85 m² (43.99%)	65.00%	64.81%	COMPLIES
LOT 4	7.14	11.98		5.50	87.43 m² (42.33%)	65.00%	60.70%	COMPLIES
LOT 5	6.00	14.12		5.50	87.43 m² (42.39%)	65.00%	62.17%	COMPLIES
LOT 6	6.00	13.76		5.50	87.43 m² (42.81%)	65.00%	62.11%	COMPLIES
LOT 7	6.00	13.41	1.50	6.90	86.02 m² (33.94%)	60.00%	49.56%	COMPLIES
LOT 8	6.00	12.86	1.50	7.00	86.88 m² (34.16%)	60.00%	50.38%	COMPLIES
LOT 9	6.18	12.65		5.60	88.85 m² (43.76%)	65.00%	63.27%	COMPLIES
LOT 10	6.49	11.69		5.60	88.85 m² (43.63%)	65.00%	60.41%	COMPLIES
LOT 11	6.54	11.52		5.60	88.85 m² (44.03%)	65.00%	62.90%	COMPLIES
LOT 12	7.22	10.13		5.60	88.85 m² (44.14%)	65.00%	58.65%	COMPLIES
LOT 13	6.96	11.21	1.50	7.00	87.43 m² (34.43%)	60.00%	48.28%	COMPLIES
LOT 14	7.76	10.45	1.50	6.38	78.66 m² (34.17%)	60.00%	53.18%	COMPLIES
LOT 15	6.42	10.45		5.85	92.38 m² (46.09%)	65.00%	62.81%	COMPLIES
LOT 16	6.17	10.45		5.90	93.09 m² (46.43%)	65.00%	61.62%	COMPLIES
LOT 17	7.17	10.45		5.60	88.85 m² (44.25%)	65.00%	59.69%	COMPLIES
LOT 18	6.00	12.92		5.60	88.85 m² (43.92%)	65.00%	60.96%	COMPLIES
LOT 19	6.00	12.92	1.50	6.38	78.51 m² (34.07%)	60.00%	53.54%	COMPLIES
LOT 20	6.12	12.79	1.50	6.38	78.68 m2 (34.14%)	60.00%	53.24%	COMPLIES
LOT 21	6.10	12.79		5.60	88.85 m² (44.00%)	65.00%	60.91%	COMPLIES
LOT 22	6.97	11.25		5.65	88.55 m² (44.39%)	65.00%	59.54%	COMPLIES
LOT 23	6.45	11.24		5.75	90.97 m²(45.30%)	65.00%	61.33%	COMPLIES
LOT 24	6.18	9.84	1.50	6.38	79.36 m² (36.99%)	60.00%	55.00%	COMPLIES
LOT 25	6.00	7.50m	1.53	11.98	105.12 m² (33.94%)	50.00%	18.16%	COMPLIES
LOT 26	6.00	7.50m		7.50	86.17 m² (42.94%)	55.00%	47.00%	COMPLIES
LOT 27	6.00	7.50m	1.50	9.00	86.24 m² (35.78%)	50.00%	39.00%	COMPLIES

SITE PLAN			
EXISTING ZONING	RESIDENTIAL DISTRICT 1.2 (RD1.2) ZONE		
PROPOSED ZONING	RESIDENTIAL DISTRICT 2.3 (RD2.3) ZONE		
PERMITTED ZONING	TOWNHOME DWELLING, AMONG OTHER USES PERMITTED WITHIN THE RESIDENTIAL DISTRICT 2.3 ZONE		
PROPOSED USE	TOWNHOME DWELLING		
DESCRIPTION	REQUIRED	PROVIDED	ZONING COMPLIANCE
MIN. FRONTAGE WIDTH	20.00m (65.62 ft)	20.00m (65.62 ft)	COMPLIES
MIN. LOT AREA	200.00m²	≥ 200.00m² (2,152.78 sq ft)	COMPLIES
MIN. FRONT YARD	6.00m	SEE ABOVE TABLE	
MIN. REAR YARD	7.50m	SEE ABOVE TABLE	
MIN. SIDE YARD	1.50m	SEE ABOVE TABLE	
MIN. LOT WIDTH	EQUAL TO THE WIDTH OF THE DWELLING UNIT PLUS ANY EXTERIOR SIDE YARD AS EXISTING AT THE TIME OF THE LOT SEVERANCE	SEE ABOVE TABLE	
MAX. LOT COVERAGE (ZBL 5.23.5)	45% OF LOT AREA; AND 50% OF LOT AREA FOR TOWNHOME DWELLING SEVERED BY A COMMON INTERIOR LOT LINE THAT SEPARATES THE DWELLING UNITS	SEE ABOVE TABLE	
MAIN BUILDING HEIGHT	MAX 9.00m	9.00m	COMPLIES
FRONT YARD PAVING	50% OF THE REQUIRED FROM YARD AREA PLUS 5% PER METER DECREASE IN LOT WIDTH BELOW 9M TO A MAXIMUM OF 70% OF THE REQUIRED FRONT YARD AREA.	SEE ABOVE TABLE	
ACCESS AREA WIDTH	MIN 3.50m TO MAX 4.50m	3.50m	COMPLIES
PARKING FOR TOWNHOME DWELLING	1 SPACE FOR EACH DWELLING OF TOTAL 27 DWELLINGS = 27 SPACE	27 SPACES PROVIDED	COMPLIES
LOT BUILDING INFO			
TOTAL LOT AREA	5,977.53 m² (64,341.59 sq. ft) 0.597 ha (1.477ac)		
TOTAL BUILDING AREA	2,366.54 m² (25,473.22 sq. ft)		
TOTAL RESIDENTIAL DWELLING UNITS	27 UNITS		
HEIGHT OF BUILDING / NO. OF STOREYS	≤9.00m / 1.0 STOREY		
BUILDING USE & OCCUPANCY	RESIDENTIAL		

BAIRD | AE
architecture + engineering

www.bairdae.ca
Local 519-326-6161
info@bairdae.ca
Toll Free 1-844-842-9188

PARTNER / CONSULTANTS

REVISIONS	
Date	Revision
DEC 13, 2023	REVISED LAYOUT
FEB 01, 2024	REVISED PER CITY COMMENT
----	---
----	---
----	---
----	---
----	---
----	---
----	---
----	---
----	---
----	---
----	---

DATE: JULY 27, 2023
SCALE: 1:250
DRAWN BY: M.R. ☐ PRELIMINARY
CHECKED BY: B.P. ☐ CONSTRUCTION
APPROVED BY: ---- ☐ RECORD

PROJECT TITLE
6TH CONCESSION DEVELOPMENT
4170 & 4190 6TH CONCESSION RD, CITY OF WINDSOR, COUNTY OF ESSEX, ONTARIO

SHEET TITLE
CONCEPT DEVELOPMENT PLAN

JOB NUMBER 21-150

SHEET NUMBER 02

P:\~2021 projects\21-150 – 6th concession development\engineering\production drawings February 20, 2024

Sixth Concession Rd @ Holburn St

Morning Peak Diagram

Specified Period
From: 7:00:00
To: 9:00:00

One Hour Peak
From: 8:00:00
To: 9:00:00

Municipality: Windsor
Site #: 0000000001
Intersection: Sixth Concession Rd & Holburn St
TFR File #: 1
Count date: 26-Jul-2022

Weather conditions:
Cloudy/Dry

Person(s) who counted:
Matt

**** Non-Signalized Intersection ****

Major Road: Sixth Concession Rd runs N/S

North Leg Total: 250
North Entering: 84
North Peds: 4
Peds Cross: ⋈

Heavys	0	2	0	2
Trucks	1	2	0	3
Cars	5	67	7	79
Totals	6	71	7	

Heavys	1
Trucks	5
Cars	160
Totals	166

East Leg Total: 202
East Entering: 142
East Peds: 0
Peds Cross: ⧗

Sixth Concession Rd

Heavys	Trucks	Cars	Totals
0	1	19	20

Holburn St

Cars	Trucks	Heavys	Totals
16	0	1	17
6	0	0	6
118	1	0	119
140	1	1	

N

W E

S

Heavys	Trucks	Cars	Totals
0	1	20	21
0	0	11	11
0	0	23	23
0	1	54	

Holburn St

Cars	Trucks	Heavys	Totals
60	0	0	60

Sixth Concession Rd

Peds Cross: ⧗
West Peds: 0
West Entering: 55
West Leg Total: 75

Cars	208
Trucks	3
Heavys	2
Totals	213

Cars	8	124	42	174
Trucks	0	4	0	4
Heavys	0	0	0	0
Totals	8	128	42	

Peds Cross: ⋈
South Peds: 1
South Entering: 178
South Leg Total: 391

Comments

Sixth Concession Rd @ Holburn St

Mid-day Peak Diagram

Specified Period		One Hour Peak	
From:	11:00:00	**From:**	11:45:00
To:	14:00:00	**To:**	12:45:00

Municipality: Windsor
Site #: 0000000001
Intersection: Sixth Concession Rd & Holburn St
TFR File #: 1
Count date: 26-Jul-2022

Weather conditions:
Cloudy/Dry

Person(s) who counted:
Matt

**** Non-Signalized Intersection ****

Major Road: Sixth Concession Rd runs N/S

North Leg Total: 347
North Entering: 189
North Peds: 1
Peds Cross: ⋈

North approach (Sixth Concession Rd, southbound)

Heavys	0	5	0	5
Trucks	0	2	0	2
Cars	15	150	17	182
Totals	15	157	17	

North leg exiting (northbound)

Heavys	0
Trucks	4
Cars	154
Totals	158

East Leg Total: 211
East Entering: 116
East Peds: 2
Peds Cross: ⧗

Sixth Concession Rd

West leg exiting (Holburn St, westbound)

Heavys	Trucks	Cars	Totals
0	0	56	56

East approach (Holburn St, westbound)

Cars	Trucks	Heavys	Totals
16	1	0	17
19	0	0	19
79	1	0	80
114	2	0	

Holburn St

N
W E
S

West approach (Holburn St, eastbound)

Heavys	Trucks	Cars	Totals
0	1	15	16
0	1	9	10
0	0	19	19
0	2	43	

Holburn St

East leg exiting (eastbound)

Cars	Trucks	Heavys	Totals
93	1	1	95

Sixth Concession Rd

Peds Cross: ⧗
West Peds: 1
West Entering: 45
West Leg Total: 101

South leg exiting (southbound)

Cars	248
Trucks	3
Heavys	5
Totals	256

South approach (northbound)

Cars	22	123	67	212
Trucks	0	2	0	2
Heavys	0	0	1	1
Totals	22	125	68	

Peds Cross: ⋈
South Peds: 0
South Entering: 215
South Leg Total: 471

Comments

Sixth Concession Rd @ Holburn St

Afternoon Peak Diagram

Specified Period		One Hour Peak	
From:	15:00:00	**From:**	17:00:00
To:	18:00:00	**To:**	18:00:00

Municipality: Windsor
Site #: 0000000001
Intersection: Sixth Concession Rd & Holburn St
TFR File #: 1
Count date: 26-Jul-2022

Weather conditions:
Cloudy/Dry

Person(s) who counted:
Matt

**** Non-Signalized Intersection ****

Major Road: Sixth Concession Rd runs N/S

North Leg Total: 440
North Entering: 246
North Peds: 5
Peds Cross: ⋈

Heavys	0	0	0	0
Trucks	0	0	0	0
Cars	23	190	33	246
Totals	23	190	33	

Heavys	0
Trucks	1
Cars	193
Totals	194

East Leg Total: 333
East Entering: 155
East Peds: 1
Peds Cross: ⧗

Sixth Concession Rd

Heavys	Trucks	Cars	Totals
0	0	87	87

Cars	Trucks	Heavys	Totals
22	0	0	22
21	0	0	21
110	2	0	112
153	2	0	

Holburn St

N
W E
S

Holburn St

Heavys	Trucks	Cars	Totals
0	0	27	27
0	0	16	16
0	0	25	25
0	0	68	

Cars	Trucks	Heavys	Totals
177	0	1	178

Sixth Concession Rd

Peds Cross: ⧗
West Peds: 2
West Entering: 68
West Leg Total: 155

Cars	325
Trucks	2
Heavys	0
Totals	327

Cars	43	144	128	315
Trucks	0	1	0	1
Heavys	0	0	1	1
Totals	43	145	129	

Peds Cross: ⋈
South Peds: 5
South Entering: 317
South Leg Total: 644

Comments

Sixth Concession Rd @ Holburn St

Total Count Diagram

Municipality: Windsor
Site #: 0000000001
Intersection: Sixth Concession Rd & Holburn St
TFR File #: 1
Count date: 26-Jul-2022

Weather conditions:
Cloudy/Dry

Person(s) who counted:
Matt

**** Non-Signalized Intersection ****

Major Road: Sixth Concession Rd runs N/S

North Leg Total: 2657
North Entering: 1356
North Peds: 19
Peds Cross: ⋈

Heavys	0	7	1	8
Trucks	3	11	0	14
Cars	146	1027	161	1334
Totals	149	1045	162	

Heavys	6
Trucks	19
Cars	1276
Totals	1301

East Leg Total: 1805
East Entering: 986
East Peds: 8
Peds Cross: ⧗

Sixth Concession Rd

Heavys	Trucks	Cars	Totals
1	8	448	457

Holburn St

Cars	Trucks	Heavys	Totals
146	2	1	149
113	4	0	117
714	5	1	720
973	11	2	

N

W E

S

Heavys	Trucks	Cars	Totals
1	2	147	150
0	3	83	86
0	1	186	187
1	6	416	

Holburn St

Cars	Trucks	Heavys	Totals
804	3	12	819

Sixth Concession Rd

Peds Cross: ⧗
West Peds: 4
West Entering: 423
West Leg Total: 880

Cars	1927
Trucks	17
Heavys	8
Totals	1952

Cars	189	983	560	1732
Trucks	1	15	0	16
Heavys	1	4	11	16
Totals	191	1002	571	

Peds Cross: ⋈
South Peds: 20
South Entering: 1764
South Leg Total: 3716

Comments