# **Bill 23 3-Unit Impact Summary**

	Detached	Duplex	Semi-Detached	Long Semi-Detached	Townhouse
BASE FORM					
	<b>Allowed in:</b> R1, R2, R3, R4, R5	Allowed in: R2, R3, R4, R5	Allowed in: R2, R3, R4, R5	Allowed in: R2, R3, R4, R5	Allowed in: R3, R4, R5
	Base Density: 7uph to 51uph	Base Density: 35uph to 100uph	Base Density: 20uph to 90uph	Base Density: 45uph to 100uph	Base Density: 20uph to 90uph
	Units: 1 Principal per building	Units: 2 Principal per building	Units: 2 Principal per building	Units: 2 Principal per building	Units: 1 Principal per part
PRE-BILL 23					
	Density: 10uph to 100uph	Density: 55uph to 155uph	Density: 40uph to 180uph (per building)	Density: 90uph to 200uph (per building)	Density: 30uph to 140uph (per building)
	Units: 1 Principal + 1 ADU (coach OR SDU)	Units: 2 Principal + 1 ADU (coach only)	Units: 1 Principal + 1 ADU (each half)	Units: 1 Principal + 1 ADU (each half)	Units: 1 Principal + 1 ADU (each part)
POST-BILL 23					
	Density: 20uph to 150uph	Density: 55uph to 155uph	Density: 55uph to 275uph (per building)	Density: 130uph to 310uph (per building)	Density: 40uph to 200uph (per building)
	Units: 1 Principal + 2 ADU (coach OR SDU)	Units: 2 Principal + 1 ADU (coach OR SDU)	Units: 1 Principal + 2 ADU (each half)	Units: 1 Principal + 2 ADU (each half)	Units: 1 Principal + 2 ADU (each part)

## **TYPOLOGY: Detached**

## Pre-Bill 23 Post-Bill-23 **General Form Zoning Perspective Building Code Perspective** Uses: Two Units considered a "House": Number of Principal Units per zone • OBC Part 9 requirements where and subzone purpose-built or the House is less than 5 years old. • ADUs per s.133 and s.142 **Built Form:** • OBC Part 9 & 11 requirements where the *House* is older than 5 years old. Per subzone detached development standards • The 2 units within the *House* to be **Required Parking:** fire separated. • Principal Unit – per Section 4 • Units are permitted to share a fire Max Uses: Max Uses: ADUs – no requirement separated exit. Typology: Detached • Principal with 1 SDU • 1 Principal with 1 SDU and 1 Coach Comparable to: • Units are permitted to share fire (either coach OR SDU) House separated ancillary rooms such as **Zones:** Triplex Max Density: Max Density: common laundry or storage. • R1, R2, R3, R4, R5 **Base Density:** • 14uph to 100uph (with 1 ADU) • 20uph to 155uph (with 2 ADUs) Units are permitted to share a forced **Max Units:** air heating system. • 7uph to 51uph (no ADU) • 3 residential units (with 2 ADUs) Three units considered a "Small Building": • OBC Part 9 applies where the Building is 3 Storeys or fewer and the building area is less than 600m2. • OBC Part 9 & 11 requirements where the Building is older than 5 years old. • All units and public corridors to be **Max Uses:** fire separated. • Principal with 1 Coach House • Second and separate exit required for (either coach OR SDU) Max Uses: units with shared exiting. Max Density: • Principal with 2 SDU • Units are permitted to share fire • 14uph to 100uph (with 1 ADU) Max Density: separated ancillary rooms such as • 20uph to 155uph (with 2 ADUs) common laundry or storage. **Max Units:** Part 9 does not permit forced air systems to recirculate air between • 3 residential units (with 2 ADUs) units and/or public corridors or shared exit stairwells. Part 11 permits sharing forced air system between not more than 4 units.

# **TYPOLOGY: Duplex**

General Form	Pre-Bill 23	Post-Bill-23	Zoning Perspective	<b>Building Code Perspective</b>
Typology:  • Duplex	Max Uses:  • 2 Principal (no SDUs, 1 coach)	Max Uses:  • 2 Principal with 1 SDU	Uses:  Number of Principal Units per zone and subzone  ADUs per s.133 and s.142  Built Form:  Per subzone duplex development standards  Required Parking:  Principal Unit – per Section 4  ADUs – no requirement	<ul> <li>Two Units considered a "House":</li> <li>OBC Part 9 requirements where purpose-built or the House is less than 5 years old.</li> <li>OBC Part 9 &amp; 11 requirements where the House is older than 5 years old.</li> <li>The 2 units within the House to be fire separated.</li> <li>Units are permitted to share a fire separated exit.</li> <li>Units are permitted to share fire</li> </ul>
Zones:	Max Density:	Max Density:		separated ancillary rooms such as
• R2, R3, R4, R5	• 55uph to 155uph (with 1 ADU)	• 55uph to 155uph (with 1 ADU)		common laundry or storage.
Base Density:		Max Units:		<ul> <li>Units are permitted to share a forced air heating system.</li> </ul>
35uph to 100uph (no ADU)		<ul> <li>3 residential units (with 1 ADU)</li> <li>Max Uses: <ul> <li>2 Principal with 1 Coach House</li> <li>Max Density:</li> <li>55uph to 155uph (with 1 ADU)</li> </ul> </li> <li>Max Units: <ul> <li>3 residential units (with 1 ADU)</li> </ul> </li> </ul>		<ul> <li>Three units considered a "Small Building":</li> <li>OBC Part 9 applies where the Building is 3 Storeys or fewer and the building area is less than 600m2.</li> <li>OBC Part 9 &amp; 11 requirements where the Building is older than 5 years old.</li> <li>All units and public corridors to be fire separated.</li> <li>Second and separate exit required for units with shared exiting.</li> <li>Units are permitted to share fire separated ancillary rooms such as common laundry or storage.</li> <li>Part 9 does not permit forced air systems to recirculate air between units and/or public corridors or shared exit stairwells.</li> <li>Part 11 permits sharing forced air system between not more than 4 units.</li> </ul>

# **TYPOLOGY: Semi-Detached**

General Form	Pre-Bill 23	Post-Bill-23	Zoning Perspective	Building Code Perspective
			Uses:  Number of Principal Units per zone and subzone  ADUs per s.133 and s.142  Built Form:  Per subzone semi-detached development standards  Required Parking: Principal Unit – per Section 4	<ul> <li>Two Units considered a "House":</li> <li>OBC Part 9 requirements where purpose-built or the House is less than 5 years old.</li> <li>OBC Part 9 &amp; 11 requirements where the House is older than 5 years old.</li> <li>The 2 units within the House to be fire separated.</li> <li>Units are permitted to share a fire</li> </ul>
Typology:	Max Uses:	Max Uses:	ADUs – no requirement	separated exit.
<ul> <li>Semi-Detached</li> </ul>	<ul> <li>1 Principal per side (1 SDU each)</li> </ul>	<ul> <li>1 Principal with 2 ADU per side</li> </ul>		Units are permitted to share fire
Zones:	Max Density:	Max Density:		separated ancillary rooms such as
• R2, R3, R4, R5	40uph to 180uph (with 1 ADU) per	• 55uph to 275uph (with 2 ADU) per		common laundry or storage.
Base Density:	side	side May Unite		Units are permitted to share a forced air heating system.
20uph to 90uph (no ADU)	<ul> <li>Coach house is permitted as an ADU but except in exceptionally large lots</li> </ul>	<ul><li>Max Units:</li><li>3 residential units (with 2ADU) per side</li></ul>		air heating system.  Three units considered a "Small Building":
	would not meet s.142 requirements	<ul> <li>6 residential units (4 ADU) per building</li> <li>Note:</li> <li>Coach house is permitted as an ADU but except in exceptionally large lots would not meet s.142 requirements</li> </ul>		<ul> <li>OBC Part 9 applies where the Building is 3 Storeys or fewer and the building area is less than 600m2.</li> <li>OBC Part 9 &amp; 11 requirements where the Building is older than 5 years old.</li> <li>All units and public corridors to be fire separated.</li> <li>Second and separate exit required for units with shared exiting.</li> <li>Units are permitted to share fire separated ancillary rooms such as common laundry or storage.</li> <li>Part 9 does not permit forced air systems to recirculate air between units and/or public corridors or shared exit stairwells.</li> <li>Part 11 permits sharing forced air system between not more than 4 units.</li> </ul>

# **TYPOLOGY: Long Semi-Detached**

General Form	Pre-Bill 23	Post-Bill-23	Zoning Perspective	<b>Building Code Perspective</b>
			<ul> <li>Uses:         <ul> <li>Number of Principal Units per zone and subzone</li> <li>ADUs per s.133 and s.142</li> </ul> </li> <li>Built Form:         <ul> <li>Per subzone long semi-detached development standards</li> </ul> </li> <li>Required Parking:         <ul> <li>Principal Unit – per Section 4</li> </ul> </li> </ul>	<ul> <li>Two Units considered a "House":</li> <li>OBC Part 9 requirements where purpose-built or the House is less than 5 years old.</li> <li>OBC Part 9 &amp; 11 requirements where the House is older than 5 years old.</li> <li>The 2 units within the House to be fire separated.</li> <li>Units are permitted to share a fire</li> </ul>
Typology:	Max Uses:	Max Uses:	<ul> <li>ADUs – no requirement</li> </ul>	separated exit.
<ul> <li>Long Semi-Detached</li> </ul>	1 Principal per half (1 SDU each)	1 Principal with 2 ADU per half		<ul> <li>Units are permitted to share fire</li> </ul>
Zones:	Max Density:	Max Density:		separated ancillary rooms such as
• R2, R3, R4, R5	• 90uph to 200uph	• 130uph to 310uph (with 2 ADU) per		common laundry or storage.
Base Density:	Note:	half		Units are permitted to share a forced
45uph to 100uph (no ADU)	Coach house is permitted as an ADU but except in exceptionally large lots would not meet s.142 requirements	<ul> <li>Max Units: <ul> <li>3 residential units (with 2ADU) per half</li> <li>6 residential units (4 ADU) per building</li> </ul> </li> <li>Note: <ul> <li>Coach house is permitted as an ADU but except in exceptionally large lots would not meet s.142 requirements</li> </ul> </li> </ul>		<ul> <li>air heating system.</li> <li>OBC Part 9 applies where the Building is 3 Storeys or fewer and the building area is less than 600m2.</li> <li>OBC Part 9 &amp; 11 requirements where the Building is older than 5 years old.</li> <li>All units and public corridors to be fire separated.</li> <li>Second and separate exit required for units with shared exiting.</li> <li>Units are permitted to share fire separated ancillary rooms such as common laundry or storage.</li> <li>Part 9 does not permit forced air systems to recirculate air between units and/or public corridors or shared exit stairwells.</li> <li>Part 11 permits sharing forced air system between not more than 4 units.</li> </ul>

# **TYPOLOGY: Townhouse**

General Form	Pre-Bill 23	Post-Bill-23	Zoning Perspective	<b>Building Code Perspective</b>
Typology:  • Townhouse/Rowhouse Zones:  • R3, R4, R5 Base Density:  • 20uph to 90uph (no ADU)	Max Uses:  • 1 Principal per parcel (1 SDU each) Max Density:  • 35uph to 180uph (1 ADU) per parcel	Max Uses:  • 1 Principal with 2 ADU per parcel Max Density:  • 55uph to 275uph (with 2 ADU) per parcel Max Units:  • 3 residential units (with 2ADU) per parcel	Uses:  Number of Principal Units per zone and subzone ADUs per s.133 and s.142 Built Form: Per subzone townhouse development standards Required Parking: Principal Unit – per Section 4 ADUs – no requirement	<ul> <li>Two Units considered a "House": <ul> <li>OBC Part 9 requirements where purpose-built or the House is less than 5 years old.</li> <li>OBC Part 9 &amp; 11 requirements where the House is older than 5 years old.</li> <li>The 2 units within the House to be fire separated.</li> <li>Units are permitted to share a fire separated exit.</li> <li>Units are permitted to share fire separated ancillary rooms such as common laundry or storage.</li> <li>Units are permitted to share a forced air heating system.</li> </ul> </li> <li>Three units considered a "Small Building": <ul> <li>OBC Part 9 applies where the Building area is less than 600m2.</li> <li>OBC Part 9 &amp; 11 requirements where the Building is older than 5 years old.</li> <li>All units and public corridors to be fire separated.</li> <li>Second and separate exit required for units with shared exiting.</li> <li>Units are permitted to share fire separated ancillary rooms such as common laundry or storage.</li> <li>Part 9 does not permit forced air systems to recirculate air between units and/or public corridors or shared exit stairwells.</li> <li>Part 11 permits sharing forced air system between not more than 4 units.</li> </ul> </li> </ul>

# CASE STUDY: COMPARISON BETWEEN R3S AND R4-UD LOW-RISE APARTMENT OUTCOMES

Detached	Semi-Detached	Triplex	COMPARISON R4-UD - 6-Plex	Comments
			Company of the compan	<ul> <li>Form:         <ul> <li>The detached and semi-detached typology regulations results in LARGER forms than a triplex.</li> <li>The semi-detached form results in form and massing outcomes comparable to a 6-plex in an R4-UD zone, but without fenestration or articulation controls.</li> </ul> </li> </ul>
Units: 1 Principal + 2 ADU Lot Width: 9m	Units: 2 Principal + 4 ADU (6 per building)	Units: 3 Principal (no ADU permitted) Lot Width: 12m	Units: 6 Principal (no ADU permitted) Lot Width: 10m	Density:
Lot Area: 270m2	Lot Width: 11.2m (5.6m each half) Lot Area: 330m2 (165m2 each half)	Lot Area: 360m2	Lot Area: 300m2	<ul> <li>A detached is MORE DENSE than a</li> </ul>
Interior Side Yards: 0.6m	Interior Side Yards: 1.2m	Interior Side Yards: 1.2m	Interior Side Yards: 1.5m	triplex.
Height: 11m	Height: 11m	Height: 11m	Height: 11m	<ul> <li>The semi-detached density is the</li> </ul>
Density: 110uph (with ADU)	Density: 180uph (with ADU)	Density: 80uph	Density: 200uph	same as the density allowed as-of- right for a 6-plex in an R4-UD zone.
				Conclusion:
				Bill 23 results in units with densities
				comparable to low-rise apartments, but without the form and functional
				controls provided for in the Zoning
				By-law.

## **CASE STUDY: R3A ZONE REGULATIONS**

# Detached

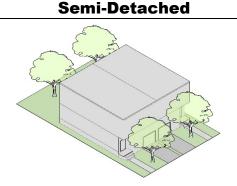
**Units**: 1 Principal + 2 ADU

Lot Width: 15m Lot Area: 450m2

Interior Side Yards: 1.2m one side, 3.6m total

Height: 8m

**Density**: 65uph (with ADU)

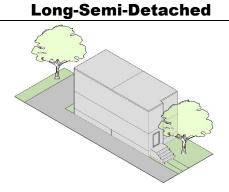


**Units**: 2 Principal + 4 ADU (6 per building)

Lot Width: 18m (9m each half) Lot Area: 540m2 (270m2 each half) Interior Side Yards: 1.2m one side, 2.4m total

Height: 8m

Density: 110uph (with ADU)



Units: 2 Principal + 4 ADU

(6 per building) Lot Width: 10m

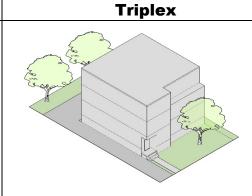
Lot Area: 300m2 (one lot for zoning

purposes)

Interior Side Yards: 1.2m one side, 3m total

Height: 8m

**Density**: 200uph (with ADU)



Units: 3 Principal (no ADU permitted) Lot Width: 18m

Interior Side Yards: 1.2m one side, 3.6m total

Height: 10.7m inside Greenbelt, 11m

elsewhere **Density**: 55uph

Lot Area: 540m2

## Context:

Outer-urban subzone in near a major corridor and regional amenities/transit.

Comments

## Lot Width:

Generally larger, more onerous for semi and triplex than detached

## Lot Area:

Generally large, more onerous for semi and triplex then detached

## Side Yards:

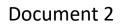
More onerous for detached and triplex then semi

## Height:

Inconsistent. 2 Storeys for detached, semi and long-semi. Triplex allowed 3 Storeys.

## Density:

The triplex is the lowest-density typology, despite having more height and massing permission.



# **CASE STUDY: R3Q ZONE REGULATIONS**

### **Detached/Duplex Long Semi-Detached Triplex Semi-Detached** Comments Context: Inner-urban subzone in close proximity to a major corridor and regional amenities/transit. Lot Width: No consistency, more onerous for long-semi and triplex Lot Area: No consistency, more onerous for long-semi and triplex Side Yards: **Units:** 3 Principal (no ADU permitted) **Units:** 1 Principal + 2 ADU **Units:** 2 Principal + 4 ADU (6 per building) Units: 2 Principal + 4 ADU (6 per building) No consistency, more onerous for semi and Lot Width: 12m Lot Width: 7.5m Lot Width: 9m (4.5m each half) Lot Width: 10m triplex Lot Area: 195m2 Lot Area: 220m2 (110m2 each half) Lot Area: 300m2 (one lot for zoning) Lot Area: 360m2 Height: Interior Side Yards: 0.6m one side, 1.8m total Interior Side Yards: 1.2m one side, 2.4m total Interior Side Yards: 0.6m one side, 1.8m total Interior Side Yards: 1.2m one side, 2.4m total Generally consistent at 3 storeys. Triplex **Height:** 10m in MNO, 11m elsewhere Height: 10m in MNO, 11m elsewhere Height: 10m in MNO, 11m elsewhere **Height:** 10.7m in MNO, 11m elsewhere granted 0.7m additional height (for fire **Density:** 150uph (with ADU) **Density:** 270uph (with ADU) **Density:** 200uph (with ADU) Density: 80uph separation per OBC Part 9) Density: The triplex is the lowest-density typology, despite having the most onerous regulations.