

## 8.16 Arterial Road Two-Unit Dwellings (RDA) *[Bylaw 9975, Feb 19/19]*

### 8.16.1 Purpose

The **zone** provides for two **dwelling units** on a single **lot** fronting an **arterial road**, plus other compatible **uses**.

### 8.16.2 Permitted Uses

- **housing, two-unit**

### 8.16.3 Secondary Uses

- **boarding and lodging**
- **community care facility, minor**
- **home business**
- **secondary suite**

### 8.16.4 Permitted Density

1. The maximum **density** is one **two-unit housing** unit per **lot**.
2. The maximum **floor area** is the lesser of:
  - a) the **floor area** calculated using the **floor area ratio** of 0.4; and
  - b) 334.5 m<sup>2</sup>.
3. Notwithstanding Section 8.16.4.2(a), the reference to “0.4” is increased to a higher **density** of “0.6” if the **owner**, at the time **Council** adopts a zoning amendment bylaw to include the **owner’s lot** in the **RDA zone**, pays into the **affordable housing reserve** the sum specified in Section 5.15 of this bylaw.
4. Each **two-unit housing dwelling unit** must have a minimum **floor area** of 125.4 m<sup>2</sup> and must not exceed a maximum **floor area** of 183.9 m<sup>2</sup>.
5. Notwithstanding Sections 4.2.2 and 4.3, the following items are not included in the calculation of maximum **floor area**:
  - a) up to 37.5 m<sup>2</sup> of the attached **accessory buildings** per **two-unit housing dwelling unit** used for on-site parking purposes, which cannot be used for **habitable space**;
  - b) up to 10% of the **floor area** total calculated for the **lot** in question which must be used exclusively for covered areas of the **principal building**, provided that the covered areas are:
    - i) always open on two or more sides;
    - ii) never enclosed; and
    - iii) not located more than 0.6 m above the lowest horizontal floor;
  - c) one **accessory building** which is less than 10.0 m<sup>2</sup>; and
  - d) up to a maximum of 2.35 m<sup>2</sup> per **two-unit housing dwelling unit** for **floor area** occupied by those components of a **green building system** constructed or installed within the **principal building**.
6. Any portion of **floor area** in a **principal building** with a **ceiling height** which exceeds 5.0 m shall be considered to comprise two floors and shall be measured as such for the purposes of calculating **density**, except that a maximum of 10 m<sup>2</sup> of **floor area**, per **two-unit housing**

**dwelling unit**, with a **ceiling height** which exceeds 5.0 m, provided such **floor area** is exclusively for interior entry and staircase purposes, are considered to comprise one floor.

#### 8.16.5 Permitted Lot Coverage

1. The maximum **lot coverage** is 45% for **buildings**.
2. No more than 70% of a **lot** may be occupied by **buildings, structures** and **non-porous surfaces**.
3. The following percentages of the **lot area** is restricted to **landscaping** with live plant material:
  - a) 20% for **lots** less than 12.0 m wide;
  - b) 25% for **lots** of 12.0 m or more but less than 15.0 m in width; and
  - c) 30% for **lots** of 15.0 m or more in width.
  - d) any **side yard** area is excluded from the calculation of percentages of the **lot area** which is restricted to **landscaping** with live plant material.

#### 8.16.6 Yards & Setbacks

1. The minimum **front yard** is 6.0 m.
2. The minimum **interior side yard** is:
  - a) 2.0 m for **lots** of 20.0 m or more in width;
  - b) 1.8 m for **lots** of 18.0 m or more but less than 20.0 m in width; and
  - c) 1.2 m for **lots** less than 18.0 m wide.
3. The minimum **exterior side yard** is 3.0 m, except where the **exterior side yard** is on an **arterial road** it is 6.0 m.
4. The minimum **rear yard** is the greater of 6.0 m or 20% of the total **lot depth**, for a maximum width of 60% of the rear wall of the first **storey**; and 25% of the total **lot depth**, for the remaining 40% of the rear wall of the **first storey** and any second **storey**, or **half (½) storey** above, up to maximum required **setback** of 10.7 m.
5. Notwithstanding Section 8.16.6.4 above:
  - a) the minimum **rear yard** may be reduced to 6.0 m, as specified in a Development Permit approved by the **City**; and
  - b) for a **corner lot** where the **exterior side yard** is 6.0 m, the minimum **rear yard** is reduced to 1.2 m.
6. The minimum **setbacks** for **accessory buildings, carports** and **garages** are:
  - a) 12.0 m for the **front yard**;
  - b) 3.0 m for the **exterior side yard**, except on an **arterial road** it is 6.0 m;
  - c) 1.2 m for the **interior side yard**; and
  - d) 6.0 m for the **rear yard**, except that for a **corner lot** where the **exterior side yard** is 6.0 m, the **rear yard setback** is reduced to 1.2 m.

7. Detached **accessory buildings** up to 10.0 m<sup>2</sup> may be located within the **interior side yard** and **rear yard** but no closer than 6.0 m of an **arterial road** and 3.0 m of a **local road**.
8. Notwithstanding Section 4.8 [Projections into Yards in **Two-Unit Housing Zones**], for this **zone** only, the following projections shall be permitted, subject to the *Building Code*:
  - a) **balconies** and **bay windows** which form part of the **principal building**, may project into **front yard**, **rear yard** and **exterior side yard** no more than 0.6 m;
  - b) fireplaces and chimneys, whether enclosed or unenclosed, which form part of the **principal building**, may project for a distance of:
    - i) 1.0 m into the **front yard**;
    - ii) 0.6 m into the **side yard**, limited to one exterior wall of the **principal building**, for the purposes of a chimney or fireplace assembly only, and shall not exceed 1.8 m in horizontal length. No masonry footing is permitted for the chimney or fireplace assembly; and
    - iii) 0.6 m into the **rear yard**;
  - c) **porches** which form part of the **principal building**, that are less than 5.0 m in **height** and open on those sides which face a public **road** may project for a distance of:
    - i) 1.5 m into the **front yard**;
    - ii) 0.6 m into the **exterior side yard**; and
    - iii) 1.5 m into the **exterior side yard**, where the **exterior side yard** is 6.0 m.
  - d) **building** elements in the **principal building** that promote sustainability objectives such as solar panels, solar hot water heating systems and rainwater collection systems may project into the **side yard** and **rear yard** no more than 0.6 m;
  - e) other portions of the **principal building** which are less than 2.0 m in **height** may be located within the **rear yard** but no closer than:
    - i) 3.0 m of a public **road**.
    - ii) 6.0 m of an **arterial road**; and
    - iii) 1.2 m of the **rear lot line** or a **side lot line**; and
  - f) where a **lot** has a **lot width** of 18.0 m or more, portions of the **principal building** which do not exceed 5.0 m in **height** (chimneys excepted) may project into the required **side yard** but in no event closer than 1.2 m to a **side lot line** (See **residential vertical lot width envelope** illustration in the definitions).
9. The minimum **building separation space** is 1.2 m, except that cantilevered roofs, **balconies**, unenclosed fireplaces and chimneys may project into the minimum **building separation space** for a distance of 0.6 m.

#### 8.16.7 Permitted Heights

1. The maximum **height** for **principal buildings** is 2 **storeys** or 9.0 m, whichever is less, but it shall not exceed the **residential vertical lot width envelope** and the **residential vertical lot depth envelope**. For a **principal building** with a flat roof, the maximum **height** is 7.5 m.

2. The ridge line of a front roof dormer may project horizontally up to 0.915 m beyond the **residential vertical lot depth envelope** but no further than the **setback** required for the **front yard**.
3. The ridge line of a side roof dormer may project horizontally up to 0.915 m beyond the **residential vertical lot width envelope** but no further than the **setback** required for the **interior side yard** or the **exterior side yard**.

#### 8.16.8 Subdivision Provisions/Minimum Lot Size

1. The minimum **lot area** is 464.5 m<sup>2</sup>.
2. The minimum **lot width** is 13.4 m, except that:
  - a) the minimum **lot width** for **interior lots** that share a **vehicle access** with an **adjacent lot** on an **arterial road** is 10.35 m;
  - b) the minimum **lot width** for **corner lots** flanking an **arterial road** is 15.0 m;
  - c) the minimum **lot width** for **corner lots** flanking a local **road** with **vehicle access** from the local **road** is 10.35 m; and
  - d) the minimum **lot width** for **corner lots** flanking a local **road** and share a **vehicle access** with an **adjacent lot** on **arterial road** is 12.35 m.
3. The minimum **lot depth** is 30.0 m.

#### 8.16.9 Landscaping & Screening

1. **Landscaping** and **screening** shall be provided according to the provisions of Section 6.0.

#### 8.16.10 On-Site Parking

1. On-site **vehicle** parking shall be provided according to the standards set out in Section 7.0, except:
  - a) at least 50% of the required residential **use parking spaces** shall be standard spaces;
  - b) at least 50% of the residential **use parking spaces** provided in a side-by-side arrangement within an enclosed **garage** shall be standard spaces;
  - c) where residents of a single **two-unit housing dwelling unit** intend to use two **parking spaces**, the two **parking spaces** may be provided in a **tandem arrangement** with one standard **parking space** located behind another one standard **parking space** and both standard **parking spaces** may be set perpendicular to the **adjacent** manoeuvring aisle;
  - d) the visitor parking requirement shall be 0.2 **parking spaces** per **dwelling unit** where **vehicle access** to the **lot** is from an **arterial road** and the same **vehicle access** is servicing more than two **dwelling units**;
  - e) for the purpose of this **zone** only, a standard space must have a minimum length of 5.5 m and a minimum width of 2.5 m and a small space must have a minimum length of 4.6 m and a minimum width of 2.3 m; and
  - f) for the purpose of this **zone** only, visitor **parking spaces** may be used collectively by two **adjacent lots** sharing a **vehicle access** from an **arterial road**, as specified in a Development Permit approved by the **City**.

2. Visitor **parking spaces** shall be:
  - a) marked with a clearly visible sign a minimum size of 300 mm by 450 mm with the words “VISITORS ONLY” in capital letters identifying the **parking spaces**; and
  - b) marked on the parking surface with the words “VISITORS ONLY” in capital letters a minimum 30 cm high and 1.65 m in length.

#### **8.16.11 Other Regulations**

1. In addition to the regulations listed above, the General Development Regulations in Section 4.0 and Specific Use Regulations in Section 5.0 apply.

