

General

The City must cause all plans relating to any construction to be inspected (reviewed) to determine whether the construction will comply with the Code. With every application to build, information shall be provided that indicates the nature and extent of the work or proposed occupancy in sufficient detail to establish that when completed, the work and proposed occupancy will conform to the Code. To assist in this determination, a building design summary shall be included on the plans. This design summary is an overview of the code requirements that are applicable to the specific work and the proposed occupancy. The following is an outline of some of the information that shall be included in the building design summary. (Note: Other code requirements may be necessary due to a specific design.)

Building Design Summary (Part 3)

Section 3.1- General

Major occupancy classification (3.1.2): (Note: for multi-use, multi-storeyed buildings, more than one construction article may be necessary)

Building Area(s):

Building Height:

Building facing (number of) street(s)

Building is sprinklered. Yes_ No_

Firewall(s) = (rating and grid line location)

Design occupant load (3.1.16): (specify)

Section 3.2 - Building Fire Safety

3.2.2 - Building Size and Construction Relative to Occupancy

Construction article(s) - (select from articles 3.2.2.20 to 3.2.2.83)

Non-combustible or combustible construction, singly or in combination

Floor above basement (3.2.1.4) – fire separation (hr)

Other floor assemblies - fire separation (hr)

Mezzanine assemblies - fire-resistance rating (hr)

Roof assembly - fire-resistance rating (hr) * note 3.1.14.2

Loadbearing beams and columns - fire-resistance rating (hr)

3.2.3 - Spatial Separation - Tables 3.2.3.1.A to D and Sentences 3.2.3.7.(1) to (6)

North wall - limiting distance = m
- exposing building face = sq m (area)
- % unprotected openings
- fire-resistance rating (FRR) (hr)
- construction: non-combustible or combustible
- cladding: non-combustible or combustible

South wall - limiting distance = m
- exposing building face = sq m (area)
- % unprotected openings
- FRR (hr)
- construction: non-combustible or combustible
- cladding: non-combustible or combustible

East wall - limiting distance = m
- exposing building face = sq m (area)
- % unprotected opening
- FRR (hr)
- construction: non-combustible or combustible
- cladding: non-combustible or combustible

West wall - limiting distance = m
- exposing building face = sq m (area)
- % unprotected openings
- FRR (hr)
- construction: non-combustible or combustible
- cladding: non-combustible or combustible

3.2.4 - Fire Alarm

Fire alarm and detection system is required/provided. Yes_ No_

Signals to Fire Department is required/provided. Yes_ No_

Other conditions/features

3.2.5 - Provisions for Fire Fighting

Access routes for Fire Department vehicles, including turnaround. Yes_ No_

Location of hydrants. Yes_ No_

Sprinkler and/or standpipe system connections. Yes_ No_

Other conditions/features

3.2.7 - Emergency Lighting

Emergency lighting is required/provided. Yes_ No_

3.2.8 - Mezzanines and Opening through Floor Assemblies

Mezzanine(s) - (Sentence 3.2.8.2.(1) and 3.2.1.1.(3) to (6).)

Interconnected floor space - (Sentence 3.2.8.2.(6) or Articles 3.2.8.3 to 3.2.8.9.)

Section 3.3 - Safety within Floor Areas

Suite separation - fire separation (hr)

Major occupancy separation (3.1.3) - fire separation (hr)

Public corridor - fire separation (hr)

Barrier-free protection (3.3.1.7) - (specify type)

Janitor's room - fire separation (hr)

Common laundry room(s) - fire separation (hr)

Welding and Cutting room(s) - fire separation (hr)

Storage garage - 1.5 hr fire separation

Repair garage - 2 hr fire separation

Other conditions/features - Fire Code - Dangerous Goods - specify

Section 3.4 - Exits

Minimum two exits are required. Number provided: (specify)

Single exit permitted.

Mezzanine exits

Exit capacity - stair (width) = number of persons

- door (width) = number of persons

Exit stair enclosure - fire separation (hr)

Exit lobby - fire separation (hr)

Exit signage (3.4.5) is required. Yes_ No_

Other conditions/features

Section 3.5 – Vertical Transportation

Elevator shaft - fire separation (hr)

Elevator machine room - fire separation (hr)

Elevator size = mm x mm

Section 3.6 - Vertical Service Space

Service (furnace) room - fire separation (hr)

Service (other) room(s) - fire separation (hr)

Incinerator room(s) - fire separation (hr)

Refuse (garbage) room - fire separation (hr)

Section 3.7 - Washrooms

Female: number of w.c. and lavatory

Male: number of w.c. and lavatory

Section 3.8 - Barrier-Free Design

Barrier-free access provided to all main floor tenants.

Barrier-free access to upper floor(s) by elevator. Yes_ No_

Public entrance doors equipped with power door operators. Yes_ No_

Barrier-free washrooms are provided. Yes_ No_

Equivalent Proposals Yes_ No_

Other Conditions/Features



PLANNING, PROPERTY
AND DEVELOPMENT
DEPARTMENT



For more information please contact:

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or



**Winnipeg
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Building Design Summary (Part 3)

***An overview to the
building code
design parameters
applicable to a proposed
construction project.***