

VALOUR COMMUNITY CENTRE GYMNASIUM ADDITION AND RENOVATIONS

Building Code Design Summary

National Building Code 2005

Project: Valour Community Centre
Address: 715 Telfer Street North, Winnipeg

Section 3.1 - General

3.1.2 Major Occupancy Classification: Group A, Division 2
Building Area: 815 sq. m

3.2.2 - Building Size and Construction Relative to Occupancy
Construction article: 3.2.2.25 Group A, Division 2, up to 2 Storeys

Building Height: 1 storey

Building Facing # of streets: 2 streets

Maximum allowable area: 2000 m²

Floor Above Basement (3.2.1.4): 45 min. rating
Other floor assemblies - n/a.
Mezzanine assemblies - n/a.

Building is sprinklered: No

3.1.16 Design occupant load: 300 persons
(Occupant load based on washroom fixture count).

Main Floor: 200 persons
Basement: 100 persons

Section 3.2 - Building Fire Safety

- Combustible and non-combustible construction, used in combination
- Facing 2 Street(s).
- Maximum Area = 2000 m²

3.2.3 - Spatial Separation and Exposure Protection:

3.2.3.10 (2) Unlimited unprotected openings permitted (West and south)

West wall - approx. 9.5m to centreline of street (Telfer St. N.)
East wall - approx. 13.1m to centreline of street (public lane).

North wall - limiting distance = >100m to property line.

South wall - 3.7m to property line - existing building/ existing condition.

3.2.4 - Fire Alarm

Fire alarm and detection system is required: No.
Signals to Fire Department required/provided: No.
Other conditions / features:

3.2.5 - Provisions for Fire Fighting
Access routes for Fire Department vehicles, including turnaround: Yes
Location of hydrants: within 90m
Sprinkler and / or standpipe system connections/ features: No
3.2.7 - Emergency Lighting required: Yes
Emergency Lighting is provided: Yes
3.2.8 - Mezzanines and Opening through Floor Assemblies: n/a

Section 3.3 - Safety within Floor Areas

Suite separation: n/a
Major Occupancy separation: n/a
Public Corridor - fire separation: n/a
Barrier-free protection: (all ground level exterior exits)

Section 3.4 - Exits

Two exits are required. Number provided: 5
Exit capacity: 7316 mm = (1200 persons)
(Exiting provided for up to 1200 persons; actual expected occupancy not to exceed 300 persons).

Basement exits:

New Exit Stair (width): 1220mm (1220 / 9.2mm per person = 132 persons).
Door (width): 914mm (914 / 6.1mm = 149 persons)

Existing Stairs (width): 2 x 1370mm = 2740mm/ 9.2mm per person = 297 persons
Door (width): 2 x 914mm (1829 / 6.1mm = 299 persons)

(Exiting provided for up to 448 persons; actual expected occupancy of basement not to exceed 100 persons).

3.4.5 Signage required: Yes

Section 3.6 - Service Facilities

3.6.2.1 - Fuel Fired Appliances installed in Service Rooms separated from the remainder of the building by fire separations having a fire resistance rating not less than 1 hr.

Section 3.7 - Washrooms.

	Water Closets	Lavatories
Female:	04 provided	04 provided
Male:	1 w/c, 3 urinals provided	03 provided

Section 3.8 - Barrier Free Design

Barrier-free access provided to main floor spaces
Barrier-free access to upper floor(s) by elevator: n/a
Public entrance doors equipped with power door operator: Yes
Barrier-free washrooms are provided: Yes

Equivalents/Proposals none

PROJECT SIGN-OFF ROSTER:

COMMUNITY CENTRE PRESIDENT

GENERAL COUNCIL OF WINNIPEG COMMUNITY CENTRES

MANAGER OF BUILDING SERVICES, PLANNING, PROPERTY & DEVELOPMENT DEPARTMENT

MANAGER OF RECREATION SERVICES, COMMUNITY SERVICES DEPARTMENT

MANAGER OF PARKS & OPEN SPACE, PUBLIC WORKS DEPARTMENT

MANAGER OF CIVIC ACCOMMODATIONS DEPARTMENT

DIRECTOR OF PLANNING, PROPERTY & DEVELOPMENT

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revisions

This drawing must not be scaled.

The general Contractor must verify all dimensions, datums and levels prior to commencement of work. All errors and omissions must be reported immediately to the Architect.

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seals



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project

VALOUR COMMUNITY CENTRE
GYMNASIUM ADDITION AND
RENOVATIONS

715 Telfer St. North, Winnipeg, Manitoba

sheet title

PROJECT IDENTIFICATION

project no. 06 1288

sheet no.

scale 1:100 or as indicated

drawn by B.P.

approved by H.F.

date 14 November 2007

A-0

