

Fire Protection, Occupant Safety and Accessibility (MBC Part 3)	
<b>MBC – Section 3.1- General</b>	
a.	Major occupancy classification (3.1.2): (Note: for multi-use/storey buildings, more than one major occupancy classification may be necessary)
b.	Other intended occupancy group(s):
c.	Floor Area of Renovation:  <div> <div>Building Area(s):</div> <div>Training Room 324 = 50 Sq. M - Main Floor</div> </div> <div> <div>Building Height: (Number of Storeys)</div> <div>Training Rooms 120 &amp; 121 = 140 Sq. M - Main Floor</div> </div> <div> <div>Facing Number of Streets:</div> <div>Training Room 204 = 67 Sq. M - Second Floor</div> </div> <div> <div>Building is sprinklered</div> <div>Training Rm 207, Offices, &amp; Open Office Fit-Out = 1,556 Sq. M - Second Floor</div> </div> <div> <div>Firewall(s) (3.1.10) (Rating and grid line location)</div> <div>N/A</div> </div> <div> <div>Design occupant load(s) (3.1.17):</div> <div>Training Room 324 = 15 Occupants</div> <div>Training Rooms 120 &amp; 121 = 58 Occupants</div> <div>Training Room 204 = 29 Occupants</div> <div>Training Rm 207, Offices, &amp; Open Office Fit-Out = 211 Occupants</div> </div>
d.	Building Area(s):
e.	Building Height: (Number of Storeys)
f.	Facing Number of Streets:
g.	Building is sprinklered
h.	Firewall(s) (3.1.10) (Rating and grid line location)
i.	Design occupant load(s) (3.1.17):
(specify occupant loads for various spaces when applicable)	

MBC Section 3.2 – Building Fire Safety	
3.2.2 – Building Size and Construction Relative to Occupancy	
a.	Construction article(s) <i>(select from articles 3.2.2.20 to 3.2.2.83)</i>
	<b>3.2.2.56. Group D, Up to 6 stories, Sprinklered</b> <i>(Note: for multi-use, multi-story buildings, more than one classification or construction article may be necessary)</i>
b.	Construction: Floor assembly <b>N/A</b> Non-combustible OR <b>N/A</b> Non-combustible or combustible construction, singly or in combination with fire separation (FS)
c.	Crawl space above basement (see 3.2.1.14) <b>N/A</b>
d.	Crawl space (see 3.2.2.9 and 3.1.11.6) <b>N/A</b>
e.	Other floor assemblies <b>1</b> (hr) FS
f.	Mezzanine assemblies <b>1</b> (hr) fire-resistance rating (FRR)
g.	Roof assembly (note: 3.6.4.2) <b>1</b> (hr) FRR
h.	Roof assembly (see 3.1.14.2) <b>N/A</b>
i.	Load bearing beams and columns <b>N/A</b>
j.	Fire stop (jatic - 3.1.11.5, crawl space - 3.1.11.6) <b>N/A</b>
	<b>N/A</b> (hr) FRR

### 3.2.8 - Mezzanines and Opening through Floor Assemblies Not Applicable

MBC Section 3.3 - Safety within Floor Areas			
a.	Suite separation (3.3.1.1)	N/A	
b.	Major occupancy separation (Table 3.3.1.3.1)	N/A (Hour)	Fire separation
c.	Public corridor (3.3.1.4)	N/A	
d.	Dead-end corridor (3.3.1.9)	N/A (m)	
e.	Suite egress (3.3.1.5)	N/A	
f.	Transparent / glass doors and partitions	N/A	
g.	Guards	N/A	
h.	Janitor's room (3.3.1.21)	N/A (Hour)	Fire separation (Existing to Remain)
i.	Common laundry rooms (3.3.1.22)	N/A (Hour)	Fire separation
j.	Welding and Cutting rooms (3.3.1.25)	N/A (Hour)	Fire separation
k.	Repair garage (3.3.5.5) 2hr FS	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> X <input checked="" type="checkbox"/> N/A	
l.	Storage garage (3.3.5.6) 1.5hr FS	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> X <input checked="" type="checkbox"/> N/A	
m.	Storage of dangerous goods (3.36)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> X <input checked="" type="checkbox"/> N/A	
n.	Flammable and combustible liquids	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> X <input checked="" type="checkbox"/> N/A	
o.	Other hazardous processes	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> X <input checked="" type="checkbox"/> N/A	
p.	Additional occupancy requirements (see Subsections 3.3.2 to 3.3.6) - (specify)		

## MBC Section 3.4 - Exits

a.	Minimum two exits required, Number provided:	15
b.	Mezzanine Exits/ egress stairs:	N/A
c.	Distance Between Exits (3.4.2.3)	241 m is greater than 1/2 Diagonal 118 m
d.	Travel Distance (3.4.2.5)	40 m

**MBC Section 3.7 - Washrooms Fixtures** (See 3.7.2.2 and Tables 3.7.2.2 A to C)

a. No changes to washrooms are within scope of project

## MBC Section 3.8 - Barrier- Free Design

a.	Barrier-free protection (3.3.1.7) - (specify type)	N/A
b.	Barrier-free path of travel provided throughout the building (3.8.2.1)	X Yes <input type="checkbox"/> No
c.	Barrier-free access to upper floor(s) by elevator (3.8.2.1)	X Yes <input type="checkbox"/> No
d.	Barrier-free washrooms are provided (3.8.2.3)	X Yes <input type="checkbox"/> No (EXISTING TO REMAIN)
e.	Public entrance doors equipped with power door operators (3.8.3.3(5))	X Yes <input type="checkbox"/> No (EXISTING TO REMAIN)

	NORTH ARROW		TITLE Scale = 1:	D000	DOOR NUMBER
	BUILDING SECTION		STRUCTURAL GRID		FIRE RATING
	SECTION DETAIL		LOCATION 100 000		ROOM NAME & NUMBER
	WALL SECTION		EXTERIOR WALL TYPE		KEY NOTE
	EXTERIOR ELEVATION		INTERIOR WALL TYPES		REVISION NUMBER
	INTERIOR ELEVATION		SEPARATION WITH F.R.R.		ELEVATION POINTS IN PLAN
	GLAZING TYPE		CEILING HEIGHT A.F.F.		

A.C.T.	ACOUSTIC CEILING TILE	G.C	GENERAL CONTRACTOR	R/CONC	REINFORCED CONCRETE
A/FL	ABOVE FLOOR	G.L	GRID LINE	REINF	REINFORCED
ALUM	ALUMINUM	GWB	GYPSUM WALL BOARD	RM	ROOM
ANOD	ANODIZED	H	HIGH	R.O.	ROUGH OPENING
B/D	BUILDING	H.D	HEAVY DUTY	SIM	SIMILAR
BM	BEAM	HT	HEIGHT	SPEC'D	SPECIFIED
BOT, BTM	BOTTOM	H.M	HOLLOW METAL	S.S	STAINLESS STEEL
B.S	BOTH SIDES	HOR, HORIZ	HORIZONTAL	ST, STL	STEEL
BTWN	BETWEEN	HR	HOUR	STRUC	STRUCTURAL
C.I.P	CAST IN PLACE	HSS	HOLLOW STEEL SECTION	SURF MTD	SURFACE MOUNTED
CL	CENTER LINE	ID	INSIDE DIAMETER	SUSP	SUSPENDED
C.P	CENTER POINT	IF	INSIDE FACE	TH	THICK / THICKNESS
COL	COLUMN	INT	INTERIOR	T.O.	TOP OF
C/W	COMPLETE WITH	INSUL	INSULATION	T.O.C.	TOP OF CONCRETE
CONC	CONCRETE	L.W	LIGHT WEIGHT	TYP	TYPICAL
C.B	CONCRETE BLOCK	L	LONG	U/F	UNDER FLOOR
C.J	CONTROL JOINT	LOC	LOCATION	U/G	UNDER GROUND
D	DEEP	MAX	MAXIMUM	U/S	UNDER SIDE
DTL	DETAIL	MCH	MECHANICAL	VERT	VERTICAL
DN	DOWN	MIN	MINIMUM	W	WITH
DWG, DRWG	DRAWING	MISC	MISCELLANEOUS	W/	WITH
EA	EACH	MTL	METAL		
ELEV	ELEVATION	N.I.C	NOT IN CONTRACT		
ELEC	ELECTRICAL	O.C	ON CENTER		
EPOX	EPOXY	O.D	OUTSIDE DIAMETER		
EQ	EQUAL	O/F	OUTSIDE FACE		
EQUIP	EQUIPMENT	O.H	OVERHEAD		
EXP	EXPOSED	OPNG	OPENING		
EXT	EXTERIOR	O.W.S.B	OPEN WEB STEEL JOIST		
F.H.C	FIRE HOSE CABINET	PL	PLATE		
FIN	FINISH	P.LAM	PLASTIC LAMINATE		
FLR, FL	FLOOR	PLYW	PLYWOOD		
GA	GAUGE	PNL	PANEL		
GALV	GALVANIZED	PREFIN	PREFINISHED		
GLUM	GALVALUME	PTD, PT	PAINTED, PAINT		

## ARCHITECTURAL

A4.0 TITLE SHEET  
A4.1 TRAINING ROOM #8 (324) DEMOLITION PLAN AND RCP - MAIN FLOOR  
A4.2 TRAINING ROOM #8 (324) FLOOR PLAN AND RCP - MAIN FLOOR  
A4.1 TRAINING ROOMS (120, 121) DEMOLITION PLAN AND RCP - MAIN FLOOR  
A4.2 TRAINING ROOMS (120, 121) FLOOR PLAN AND RCP - MAIN FLOOR  
A4.1 TRAINING ROOM (204) DEMOLITION PLAN AND RCP - SECOND FLOOR  
A4.2 TRAINING ROOM (204) FLOOR PLAN AND RCP - SECOND FLOOR  
A4.1 TRAINING ROOM (207) & FIT-UP AREA DEMOLITION PLAN - SECOND FLOOR  
A4.2 TRAINING ROOM (207) & FIT-UP AREA DEMOLITION CEILING PLAN - SECOND FLOOR  
A4.3 TRAINING ROOM (207) FIT-UP AREA FLOOR PLAN - SECOND FLOOR  
A4.4 TRAINING ROOM (207) & FIT-UP AREA REFLECTED CEILING PLAN - SECOND FLOOR  
A4.5 TRAINING ROOM (207) INTERIOR ELEVATIONS & DOOR, FRAME TYPES & DOOR SCHEDULE  
A5.1 DETAILS

## INTERIOR DESIGN

ID-1	MAIN FLOOR EXISTING FURNITURE PLANS (TRAINING ROOMS 324, 120 & 121)
ID-2	SECOND FLOOR EXISTING FURNITURE PLANS (TRAINING ROOM 204, SE CORNER)
ID-3	MAIN FLOOR NEW FURNITURE PLANS (TRAINING ROOMS 324, 120 & 121)
ID-4	SECOND FLOOR NEW FURNITURE PLANS (TRAINING ROOM 204, SE CORNER)

**PRIME CONSULTANT:**

**x | architecture inc.**

**ARCHITECT:** 1x1 ARCHITECTURE INC  
120 FORT STREET, SUITE 103  
WINNIPEG, MANITOBA, R3C 1C7  
TEL: (204) 318-2010

**INTERIOR  
DESIGN:** IDEATE DESIGN CONSULTING INC.  
325 NAIRN AVENUE  
WINNIPEG MANITOBA R2L 0W8  
TEL: (204) 957-1683

**MECHANICAL ENGINEER:** **EPP SIEPMAN ENGINEERING INC.**  
**400-136 MARKET AVENUE**  
**WINNIPEG, MANITOBA, R3B 0P4**  
**TEL: (204) 453-1080**  
**FAX: (204) 453-1335**

**ELECTRICAL  
ENGINEER:** **EPP SIEPMAN ENGINEERING INC.**  
**400-136 MARKET AVENUE**  
**WINNIPEG, MANITOBA, R3B 0P4**  
**TEL: (204) 453-1080**  
**FAX: (204) 453-1335**

WINNIPEG TAX CENTRE (WTC)  
66 STAPON ROAD, WINNIPEG, MANITOBA

ISSUED FOR CONSTRUCTION  
APRIL 24, 2017

THE DRAWINGS SHALL NOT BE SCALED. FOLLOW GIVEN DIMENSIONS ONLY

THE CONTRACTOR SHALL SATISFY HIMSELF THAT ALL DIMENSIONS, ELEVATIONS, DATUMS, AND INFORMATION SHOWN ARE CORRECT. VERIFY ALL DIMENSIONS ON SITE. DIMENSIONS ARE AS FOLLOW:

- EXTERIOR FACE OF ALL INTERIOR WALLS

PRIOR TO COMMENCEMENT OF WORK, REPORT ANY DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE

VARIATIONS AND MODIFICATIONS TO WORK SHOWN WILL NOT BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENTAL REPRESENTATIVE.

ALL DIMENSIONS ARE METRIC UNLESS OTHERWISE NOTED.

NO REPRODUCTION OF THE DRAWINGS MAY BE MADE WITHOUT THE WRITTEN CONSENT OF THE OWNER AND ALL REPRODUCTION MUST BEAR THE NAME OF THE ARCHITECT.

FOR DOOR AND FRAME SCHEDULE SEE A4.5.

GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY MECHANICAL AND ELECTRICAL APPARATUS APPEARANCE WHICH MAY VARY FROM THAT INDICATED IN THE CONTRACT DOCUMENTS.

GENERAL CONTRACTOR TO CO-ORDINATE AND PROVIDE ALL SOLID BLOCKING WITHIN THE WALL AND CEILING AREAS TO SUPPORT SURFACE MOUNTED FIXTURES AND FITTINGS INCLUDING, BUT NOT LIMITED TO APPLIANCES, HANDRAILS, AND SIGNS, IN CONTRACT AS WELL AS FOR N.I.C. ITEMS IN COORDINATION WITH THE OWNER.

TRAINING ROOM #8 (324)

A1.2

TRAINING ROOMS (120, 121)

A2.2

MAIN FLOOR REFERENCE PLAN

Scale NTS

TRAINING ROOM (204)

A3.2

A4.3

TRAINING ROOM (207),  
OFFICES (209, 211)  
& FIT-UP AREA

2  
A0 SECOND FLOOR REFERENCE PLAN  
Scale NTS