

ABBREVIATIONS:

C	CENTER LINE
E	PLATE
&	AND
A.F.F.	ABOVE FINISHED FLOOR
ALUM.	ALUMINUM
ANOD.	ANODIZED
AT	AT
ARCH.	ARCHITECTURAL
AT.	ACOUSTIC TILE
AVB	AIR / VAPOUR BARRIER
BLDG.	BUILDING
BLKG.	BLOCKING
BRG.	BEARING
B.S.	BOTH SIDES
B. TO B.	BACK TO BACK
C.B.	CATCH BASIN
C.G.	CORNER GUARD
C.J.	CONTROL JOINT
CLG.	CEILING
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONT.	CONTINUOUS
CORR.	CORRIDOR
CW	COMPLETE WITH
O	DIAMETER OR ROUND
DIM.	DIMENSION
DN.	DOWN
DRWG.	DRAWING
DTL.	DETAIL
EL.	ELEVATION
E.W.	EACH WAY
E.A.	EACH
ELEC.	ELECTRICAL
EO.	EQUAL
EQUIP.	EQUIPMENT
EXIST.	EXISTING
E.J.	EXPANSION JOINT
EXT.	EXTERIOR
FDN.	FOUNDATION
F.E.	FIRE EXTINGUISHER
FLOOR EXP.	FLOOR EXPANSION JOINT
FIN.	FINISHED
F.D.	FLOOR DRAIN
FFD.	FUNNEL DRAIN
F.F.	FINISHED FACE
FLEX.	FLEXIBLE
F.O.	FACE OF
F.R.R.	FIRE RESISTANCE RATING
GA.	GAUGE
G.W.B.	GYPSON WALLBOARD
G.C.	GENERAL CONTRACTOR
GL.	GLASS
H.	HEIGHT
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HR.	HOOR
H.S.D.G.	HERMETICALLY SEALED DOUBLE GLAZING
HSS	HOLLOW STEEL SECTION
H.S.T.G.	HERMETICALLY SEALED TRIPLE GLAZING
HT.	HEIGHT
H.V.A.C.	HEATING VENTILATING, AIR CONDITIONING
I.D.	INSIDE DIAMETER
I.F.	INSIDE FACE
INSUL.	INSULATION
INT.	INTERIOR
L.	LENGTH
m	METRE
mm	MILLIMETRE
M.B.	MOISTURE BARRIER
MATL.	MATERIAL
MAX.	MAXIMUM
MDF.	MEDIUM DENSITY FIBREBOARD
MECH.	MECHANICAL
MET.	METAL
MIN.	MINIMUM
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
NOM.	NOMINAL
#	NUMBER OR POUND
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
N.T.S.	NOT TO SCALE
O.C.	ON CENTRE
O.D.	OUTSIDE DIAMETER
OPNG.	OPENING
O.H.	OVERHEAD
OPP.	OPPOSITE
PLAM.	PLASTIC LAMINATE
PLBG.	PLUMBING
PREFIN.	PREFINISH
P.T.	PRESSURE TREATED
PTD.	PAINTED
PL.	PROPERTY LINE
R., RAD.	RADIUS
R.D.	ROOF DRAIN
REINF.	REINFORCED
REQD.	REQUIRED
REV.	REVISION, REVISED
R.O.	ROUGH OPENING
SIM.	SIMILAR
SPC'D.	SPECIFIED
SQ.	SQUARE
STD.	STANDARD
STL.	STEEL
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
TEMP.	TEMPERED
T.G.	TEMPERED GLASS
T.O.	TOP OF
TYP.	TYPICAL
UN	UNLESS OTHERWISE NOTED
US	UNDER SIDE
VERT.	VERTICAL
W.	WIDE OR WIDTH
W/	WITH
WD.	WOOD

SYMBOL LEGEND:

WALL TYPES	
WINDOW TYPES	
KEY NOTES	
ROOF TYPE	
FLOOR TYPE	
EXISTING DOOR TO BE REMOVED	
EXISTING WALL TO BE REMOVED	
EXISTING WALL TO REMAIN	
NEW DOOR & DOOR NUMBERS	
NEW WALL	
WALL SECTION	
DETAILS	
TITLES	
INTERIOR ELEVATIONS	

GENERAL NOTES:

- THE FOLLOWING NOTES ARE APPLICABLE TO ALL DRAWINGS AND WORK WITHIN THE SCOPE OF THE PROJECT.
- THESE DRAWINGS SHALL NOT BE SCALED.
- ALL WORK IS TO BE IN COMPLIANCE WITH THE LATEST EDITION OF THE MANITOBA BUILDING CODE, INCLUDING ALL AMENDMENTS.
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- CONTRACTOR TO INVESTIGATE LOCAL CONDITIONS AND ARRANGE WITH OWNER TO EXAMINE SITE AND RELATED WORK.
- CONTRACTOR TO VERIFY ALL EXISTING SITE CONDITIONS AND REPORT ALL DISCREPANCIES TO THE CONSULTANT PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL SATISFY THEMSELVES THAT ALL DIMENSIONS, DATUMS AND DETAILED INFORMATION SHOWN ARE CORRECT PRIOR TO COMMENCING WORK.
- COMPENSATION WILL NOT BE MADE BECAUSE OF FAILURE TO MAKE PROPER SITE INVESTIGATIONS & REPORTING ANY DISCREPANCIES TO THE CONSULTANT PRIOR TO TENDER CLOSING OR TO UNDERSTAND FULL NATURE OF WORK.
- DIMENSIONS ARE TO GRID LINES, FACE OF STUD, EXISTING CONCRETE OR CONCRETE BLOCK UNLESS OTHERWISE NOTED.
- CONTRACTOR TO REPORT ANY DISCREPANCIES TO THE CONSULTANT PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL OPENINGS THROUGH FLOOR, WALLS AND ROOF.
- ALL PLYWOOD OR WOOD BLOCKING USED BELOW OR WITHIN 150 mm OF GRADE TO BE PRESSURE TREATED.
- CONTRACTOR TO REMOVE ALL DEMOLITION ITEMS FROM SITE UNLESS OTHERWISE INSTRUCTED BY OWNER, OR INDICATED ON DRAWINGS.
- CONTRACTOR TO REPLACE ANY ITEMS TEMPORARILY MOVED IN THE COURSE OF CONSTRUCTION WORK.
- CONTRACTOR TO REPAIR ANY ITEMS DAMAGED DURING THE COURSE OF CONSTRUCTION WORK.

BUILDING CODE REVIEW SUMMARY

Item	Manitoba Building Code	2011 MBC Reference																																																		
	Project Description	Part 9 9.10.1.2.																																																		
	<input type="checkbox"/> New <input type="checkbox"/> Addition <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Alteration <input type="checkbox"/> Change of Use																																																			
9.10 Fire Protection																																																				
a	Major Occupancy Classification Group D	9.10.2.																																																		
b	Other Intended Occupancy Group(s) Group F, Division 3	9.10.2.																																																		
c	Building Area (m2) Existing 69.5 New 69.5 Total	Division A, 1.4.1.2																																																		
d	Height of Building 4.255 m Number of Storeys 1 Above Grade N/A Below Grade Number of Streets 1																																																			
e	Sprinkler System Proposed entire building not required Standpipe Required Yes <input checked="" type="checkbox"/> No																																																			
f	Firewalls Utilized Yes <input checked="" type="checkbox"/> No Hrs Rating																																																			
g	High Building Yes <input checked="" type="checkbox"/> No																																																			
h	Alternate Solutions Yes <input checked="" type="checkbox"/> No																																																			
i	Occupant Load Based On m2/person 4 1st Floor Occupancy 4 Occupant Load	9.9.1.3.																																																		
9.10.4 Building Size and Construction Relative to Occupancy																																																				
a	Building Classification Group D- Business and Personal Services, Group F- Division 3	9.10.2.1.																																																		
b	Permitted Construction Combustible Non-combustible <input checked="" type="checkbox"/> Both Actual Construction Combustible Non-combustible <input checked="" type="checkbox"/> Both																																																			
c	Required Fire Resistance Rating (FRR) Horizontal Assemblies FRR (Hours) Floor above basement N/A Hrs Floor N/A Hrs Roof N/A Hrs Mezzanine N/A Hrs Listed Design No. or Description FRR of Supporting Members Floor N/A Hrs Roof N/A Hrs Mezzanine N/A Hrs Listed Design No. or Description	9.10.8.1.																																																		
d	Fire Blocks N/A Attic N/A Crawlspace																																																			
9.10.14 Spatial Separation																																																				
a	Spatial Construction of Exterior Wall																																																			
	<table border="1"> <thead> <tr> <th>Wall</th> <th>Area of EBF (m2)</th> <th>L.D. (m)</th> <th>L/H or H/L</th> <th>Permitted Max % of Openings</th> <th>Proposed % of Openings</th> <th>FRR (Hours)</th> <th>Combustible Construction</th> <th>Combustible Non-Comb Cladding</th> <th>Non-Comb Construction Non-Comb Cladding</th> </tr> </thead> <tbody> <tr> <td>North</td> <td>18.3</td> <td>8</td> <td></td> <td>100</td> <td>100</td> <td>0</td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>South</td> <td>18.3</td> <td>8</td> <td></td> <td>100</td> <td>100</td> <td>0</td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>East</td> <td>27.4</td> <td>8</td> <td></td> <td>100</td> <td>100</td> <td>0</td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>West</td> <td>27.4</td> <td>8</td> <td></td> <td>100</td> <td>100</td> <td>0</td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> </tr> </tbody> </table>	Wall	Area of EBF (m2)	L.D. (m)	L/H or H/L	Permitted Max % of Openings	Proposed % of Openings	FRR (Hours)	Combustible Construction	Combustible Non-Comb Cladding	Non-Comb Construction Non-Comb Cladding	North	18.3	8		100	100	0	<input checked="" type="checkbox"/>			South	18.3	8		100	100	0	<input checked="" type="checkbox"/>			East	27.4	8		100	100	0	<input checked="" type="checkbox"/>			West	27.4	8		100	100	0	<input checked="" type="checkbox"/>			
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East	27.4	8		100	100	0	<input checked="" type="checkbox"/>																																													
West	27.4	8		100	100	0	<input checked="" type="checkbox"/>																																													
MBC Section 3.3 Safety Within Floor Areas																																																				
a	Suite Separations Occupancy Business Services / Industrial N/A hrs																																																			
m	Storage of Dangerous Goods Yes <input checked="" type="checkbox"/> No																																																			
n	Flammable and Combustible Liquids Yes <input checked="" type="checkbox"/> No																																																			
o	Other Hazardous Processes Yes <input checked="" type="checkbox"/> No																																																			
p	Additional Occupancy Requirements																																																			
MBC Section 9.9 Exits																																																				
a	Minimum two exits 1 Required 1 Provided																																																			
c	Distance Between Exits (min.) N/A m > 1/2 Diagonal m actual																																																			
d	Travel Distance max 30 m 3.4 m actual																																																			
i	Exit Capacity - Door 1065 mm width 6.1 mm / person																																																			
j	Number of persons / exit door 174																																																			
k	Horizontal Exit Yes <input checked="" type="checkbox"/> No																																																			
l	Exit Scheme Provided (optional) Yes <input checked="" type="checkbox"/> No																																																			
m	Additional Information																																																			
MBC Section 3.7 Washroom Fixtures																																																				
a	Residential Occupancy - 1 washroom/suite Yes <input checked="" type="checkbox"/> No	3.7.2.0																																																		
b	Occupant load/sex 4 2= 2 /sex																																																			
c	Public Water Closet n/a Required 1 Provided																																																			
d	Lavatory n/a Required 1 Provided																																																			
e	Staff Water Closet 1 Required 1 Provided																																																			
f	Lavatory 1 Required 1 Provided																																																			
MBC Section 3.8 Barrier Free Design																																																				
a	Entrances - power door operator <input checked="" type="checkbox"/> yes N/A 3.8.3.3(5) - clear width <input checked="" type="checkbox"/> yes N/A 3.8.3.3(1) - vestibule clearances <input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> N/A 3.8.3.3(11) Barrier Free Path of Travel - clearances <input checked="" type="checkbox"/> yes N/A 3.8.1.3 - flooring warning surfaces <input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> N/A 3.8.1.3 Washrooms - universal toilet room <input checked="" type="checkbox"/> yes N/A 3.8.2.3., 3.8.3.12. - power operator <input checked="" type="checkbox"/> yes N/A 3.8.3.3(5) - water closet clearances <input checked="" type="checkbox"/> yes N/A 3.8.3.8 - door requirements <input checked="" type="checkbox"/> yes N/A 3.8.3.3 - grab bars <input checked="" type="checkbox"/> yes N/A 3.8.3.8., 3.8.3.12. - coat hook <input checked="" type="checkbox"/> yes N/A 3.8.3.8., 3.8.3.12. - signage <input checked="" type="checkbox"/> yes N/A 3.8.3.1. - urinals, grab bars <input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> N/A 3.8.3.10. - lavatories, clearances <input checked="" type="checkbox"/> yes N/A 3.8.3.11. - soap dispenser <input checked="" type="checkbox"/> yes N/A 3.8.3.11. - towel dispenser <input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> N/A 3.8.3.11. - mirror <input checked="" type="checkbox"/> yes N/A 3.8.3.11. Ramps and Stairs - clearances <input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> N/A 3.8.3.4., 3.4 - guards <input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> N/A 3.8.3.4., 3.4 - handrails <input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> N/A 3.8.3.4., 3.4 - detectable surfaces <input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> N/A 3.8.3.4., 3.4 Assisted Listening Devices <input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> N/A 3.8.3.7 Counters <input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> N/A 3.8.3.14., 3.8.15.																																																			
Building Code Electrical Safety Systems																																																				
a	Fire Alarm & Detection System Required Yes <input checked="" type="checkbox"/> No																																																			
b	Emergency Lighting Required <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																																			
c	Exit Signage Required Yes <input checked="" type="checkbox"/> No																																																			
Fire Paramedic Service - Provisions for Fire Fighting																																																				
a	Access for fire fighting provided to basement, above grade storeys and roof N/A																																																			
b	Access route for firefighters, including turnaround Yes <input checked="" type="checkbox"/> No																																																			
c	Location of Fire Hydrants Shown Yes <input checked="" type="checkbox"/> No																																																			
d	Standpipe System Required Yes <input checked="" type="checkbox"/> No																																																			
Additional Items																																																				
	Fire extinguishers shown <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																																			
	AED device shown <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																																			
	Equivalents Proposed <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																																			
	MECB Compliance <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A																																																			
	Notes:																																																			

ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE CONSULTANT. NO REPRODUCTIONS MAY BE MADE WITHOUT THE CONSENT OF THE CONSULTANT AND ALL REPRODUCTIONS MUST BEAR THE NAME OF THE CONSULTANT. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATUMS AND LEVELS NOTED ON THE DRAWINGS WITH THE CONDITIONS ON SITE AND SHALL BE RESPONSIBLE FOR REPORTING ANY ERRORS OR OMISSIONS TO THE ENGINEER FOR ADJUSTMENTS. THIS DRAWING SHALL NOT BE SCALED.

LIST OF DRAWINGS

- A0.1 BUILDING CODE REVIEW, LIST OF DRAWINGS AND NOTES
- A1.1 LOCATION, KEY AND SITE PLAN
- A2.1 MAIN FLOOR PLANS
- A3.1 EXTERIOR ELEVATIONS
- A4.1 SECTIONS AND DETAILS
- A5.1 REFLECTED CEILING PLAN, INTERIOR ELEVATIONS, DETAILS, SCHEDULES
- S1 NOTES & SCHEDULES
- S2 FOUNDATION, MAIN FLR. & ROOF DEMO. PLANS
- S3 FOUNDATION, MAIN FLR. & ROOF FRAMING PLANS
- M0.0 MECHANICAL - MECHANICAL SCHEDULES
- M1.0 MECHANICAL - MAIN FLOOR PLAN - SANITARY
- M1.1 MECHANICAL - MAIN FLOOR PLAN - PLUMBING
- M2.0 MECHANICAL - MAIN FLOOR PLAN - HVAC
- M3.0 MECHANICAL - SPECIFICATION
- M3.1 MECHANICAL - SPECIFICATION
- E1.0 ELECTRICAL SPECIFICATION
- E2.0 ELECTRICAL LAYOUT & SCHEDULES

Revisions

October 20, 2021	Issued for Construction
September, 2021	Issued for 95% Review
Date	Revision

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Stamp

Project

City of Winnipeg

Churchill Park Maintenance Building Renovation

430 Churchill Drive
Winnipeg, Manitoba

drawing title

BUILDING CODE REVIEW, LIST OF DRAWINGS AND NOTES

scale	as noted	designed by	kdw
date	October, 2021	drawn by	bev, me
project no.	21.245	reviewed by	dko
reference no.	578-2021	sheet	A0.1 REV.