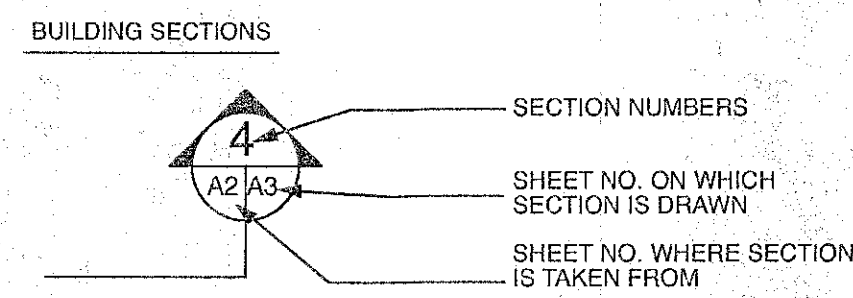


ABBREVIATIONS :

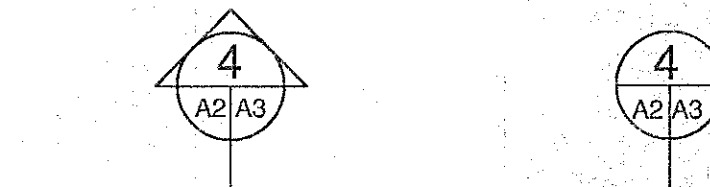
- CL. CENTER LINE
- PLATE AND ABOVE FINISHED FLOOR
- A.F.F. ALUM. ANOD. AT ARCH. ARCHITECTURAL ACUSTIC TILE
- AVB. AIR / VAPOUR BARRIER
- BLDG. BUILDING
- BLKG. BLOCKING
- BRG. BEARING
- B.S. BOTH SIDES
- B. TO B. BACK TO BACK
- C.B. CATCH BASIN
- C.G. CORNER GUARD
- C.J. CENTRAL JOINT
- CLG. CEILING
- COL. COLUMN
- CONC. CONCRETE
- CONN. CONNECTION
- CONT. CONTINUOUS
- CORR. CORRIDOR
- C.W. COMPLETE WITH
- Ø DIAMETER OR ROUND
- DM. DIMENSION
- DN. DOWN
- DRWG. DRAWING
- DTL. DETAIL
- EL. ELEVATION
- E.W. EACH WAY
- EA. EACH
- ELEC. ELECTRICAL
- EQ. EQUAL
- EQUIP. EQUIPMENT
- EXIST. EXISTING
- E.J. EXPANSION JOINT
- EXT. EXTERIOR
- FDN. FOUNDATION
- FE. FIRE EXTINGUISHER
- FE.J. FLOOR EXPANSION JOINT
- FIN. FINISHED
- F.D. FLOOR DRAIN
- FFD. FUNNEL DRAIN
- FF. FINISHED FACE
- FLEX. FLEXIBLE
- F.O. FACE OF
- F.R.R. FIRE RESISTANCE RATING
- GA. GAUGE
- G.W.B. GYPSUM WALLBOARD
- G.C. GENERAL CONTRACTOR
- GL. GLASS
- H. HEIGHT
- H.M. HOLLOW METAL
- HORIZ. HORIZONTAL
- HR. HOUR
- 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
- NO. NUMBER
- N.C. NOT IN CONTRACT
- N.O. 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
- SPEC'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 :

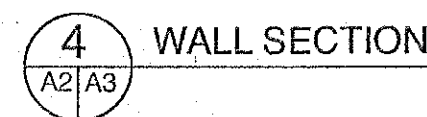
- WALL TYPES
- WINDOW TYPES
- NEW DOOR & DOOR NUMBERS
- KEY NOTES
- ROOF TYPE
- FLOOR TYPE



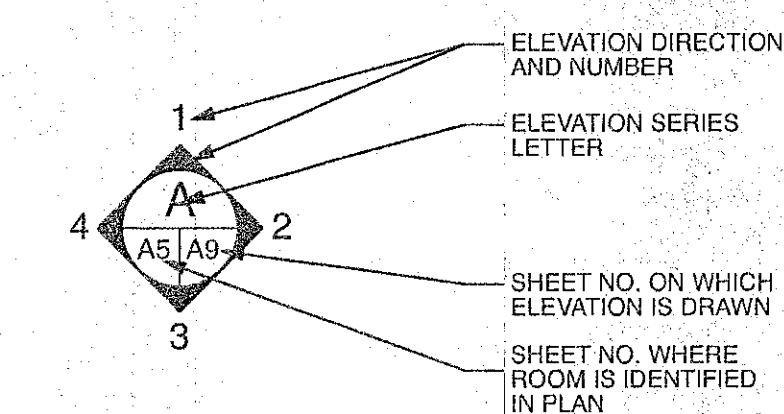
SECTIONS DETAILS



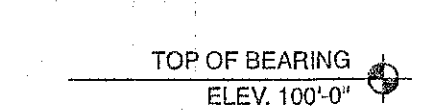
TITLES



INTERIOR ELEVATIONS



FLOOR CONSTRUCTION ELEVATIONS



BUILDING CODE REVIEW SUMMARY

Item	Manitoba Building Code	2011 MBC Reference
Project Description	<input checked="" type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> Renovation <input type="checkbox"/> Alteration	Part 9 9.10.1.2.
Charge of Use		
1.1 Fire Protection, Occupant Safety and Accessibility		
MBC Section 3.1 General		
a	Major Occupancy Classification Group D	9.10.2.
b	Other Intended Occupancy Group(s) N/A	9.10.2.
c	Building Area (m ²) Existing _____ 53.5 New 53.5 Total	Division A, 1.4.1.2
d	Height of Building 5.289 m Number of Storeys 1 Above Grade N/A Below Grade Number of Streets 1	
e	Sprinkler System Proposed _____ Standpipe Required _____ entire building <input checked="" type="checkbox"/> not 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 _____ m ² /person <input checked="" type="checkbox"/> Design of Building Occupant Load <input checked="" type="checkbox"/>	9.9.1.3.
MBC Section 3.2 Building Fire Safety		
3.2.2 Building Size and Construction Relative to Occupancy		
a	Building Classification Group F3, low hazard industrial	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	
3.2.3 Spatial Separation		
a	Spatial Construction of Exterior Wall: Wall Area of EBF (m ²) 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 23.4 8 100 58 0 <input checked="" type="checkbox"/>	
	East 23.4 8 100 20 0 <input checked="" type="checkbox"/>	
	South 23.4 8 100 3 0 <input checked="" type="checkbox"/>	
	West 23.4 8 100 3 0 <input checked="" type="checkbox"/>	
b	Mezzanines and Opening through Floor Assemblies Open Mezzanine (40%) _____ Yes <input checked="" type="checkbox"/> No Enclosed Mezzanine (10%) _____ Yes <input checked="" type="checkbox"/> No Interconnected Floor Space _____ Yes <input checked="" type="checkbox"/> No	
MBC Section 3.3 Safety Within Floor Areas		
a	Suite Separations Occupancy _____ Storage Garage _____ hrs	
h	Janitor Room _____ Yes <input checked="" type="checkbox"/> No	
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 3.4 Exits		
a	Minimum exit requirements _____ 1 Required 1 Provided	
b	Mezzanine exits/egress stairs _____ N/A	
c	Distance Between Exits (min.) _____ N/A m > 1/2 Diagonal 5.2 m actual	
d	Travel Distance _____ max 30 m 10 m actual	
e	Exit Separation _____ N/A hr	
f	Exit Lobby _____ N/A hr	
g	Exit Capacity - Stair _____ mm width _____ mm / person	
h	Number of persons / exit stair _____	
i	Exit Capacity - Door _____ 1055 mm width 8.1 mm / person	
j	Number of persons / exit door _____ 174	
k	Horizontal Exit _____ Yes <input checked="" type="checkbox"/> No	
l	Exits Scheme Provided (optional) _____ Yes <input checked="" type="checkbox"/> No	
m	Additional Information _____	

Building Code Electrical Safety Systems		
a	Fire Alarm & Detection System Required	Yes <input checked="" type="checkbox"/> No
b	Emergency Lighting Required	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
e	Sprinkler System Connections Indicated	Yes <input checked="" type="checkbox"/> No
f	Standpipe System Connections Indicated	Yes <input checked="" type="checkbox"/> No
g	Other Conditions _____	
Additional Items		
	Fire extinguishers shown	Yes <input checked="" type="checkbox"/> No
	AED device shown	Yes <input checked="" type="checkbox"/> No
	Equivalents Proposed	Yes <input checked="" type="checkbox"/> No
	MECB Compliance	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 OF 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
- A1.1 KEY PLAN, SITE PLAN, SITE DETAILS
- A2.1 FLOOR PLAN, ELEVATIONS
- A3.1 BUILDING SECTIONS, DETAILS

S1.1 NOTES

- S2.1 FOUNDATION, MAIN FLOOR PLAN & ROOF FRAMING PLAN
- S3.1 DETAILS AND SECTIONS
- S4.1 FULL HEIGHT SECTIONS

M0.0 TITLE PAGE AND HVAC

- M1.0 MECHANICAL SPEC AND DETAILS

E1.0 MAIN FLOOR PLAN ELECTRICAL

WALL TYPE GENERAL NOTES :

1. ALL RATED WALLS & SOUND WALLS TO EXTEND TO U/S OF ROOF ASSEMBLY STRUCTURES AND ALL PENETRATIONS ARE TO BE SEALED TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION UNLESS OTHERWISE NOTED.
2. ALL EXPOSED GYPSUM WALLBOARD, WOOD AND MISCELLANEOUS METAL IN OCCUPIED AREAS TO BE PAINTED UNLESS SPECIFIED OTHERWISE.
3. SEE STRUCTURAL SCHEDULES FOR ALL REQUIRED LINTELS AND SUPPORTS.
4. FURR OUT WALLS AS REQUIRED FOR RECESSED OR SEMI-RECESSED ELECTRICAL PANELS, FIRE EXTINGUISHERS, FORCE FLOW UNITS, ETC. TO FINISH CEILING. COORDINATE LOCATIONS AND DEPTHS WITH MECHANICAL/ELECTRICAL DRAWINGS AND OTHER TRADES. CARRY RATING BEHIND UNIT WHEN PENETRATING RATED WALL ASSEMBLIES.
5. 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 CITY.

GENERAL NOTES :

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

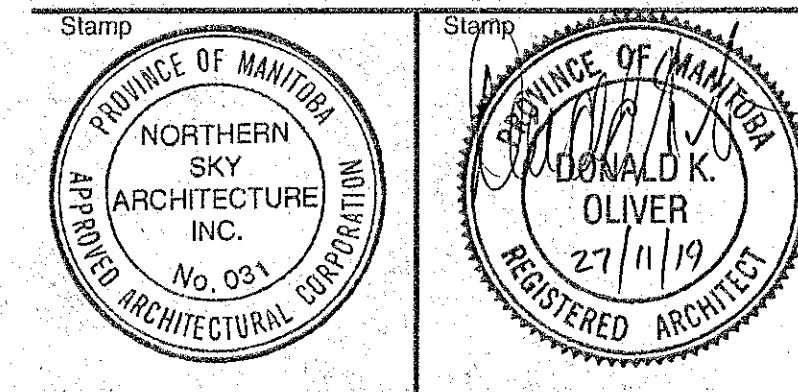


Revisions

Rev.	Date	Issued for Construction	Revision
Nov. 2019			

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Project

**Bridgwater Storage
Garage**

Winnipeg, Manitoba

drawing title			
BUILDING CODE REVIEW, LIST OF DRAWINGS			
scale	as noted	designed by	kdw
date	September, 2019	drawn by	so
project no.	911-2019	reviewed by	dko
reference no.	19.236	sheet	A0.1 REV.