

# ASSINIBOINE PARK DUCKPOND SHELTER BUILDING RENOVATION

WINNIPEG, MANITOBA



## CODE ANALYSIS

THE BUILDING IS DESIGNED UNDER THE FOLLOWING NBC GUIDELINES:  
ALL CONSTRUCTION IS A RENOVATION OF THE EXISTING BUILDING. BUILDING USE, OCCUPANCY AND BUILDING FOOT PRINT WILL REMAIN THE SAME AS THE EXISTING BUILDING.

NATIONAL BUILDING CODE (NBC) MATRIX					
ITEM	PROJECT DESCRIPTION:			NBC REFERENCE	
1	<input type="checkbox"/> NEW <input type="checkbox"/> RESTORATION <input type="checkbox"/> ADDITION <input checked="" type="checkbox"/> ALTERATION				
2	MAJOR OCCUPANCY (S)	ASSEMBLY		3.1.2.1.(1)	
3	AREA	(2179 FT <sup>2</sup> )		1.1.3.2 1.1.3.2	
4	GROSS AREA	(2179 FT <sup>2</sup> )		1.1.3.2	
5	NUMBER OF STOREYS	1 STOREY		3.2.1.1 & 1.1.3.2	
6	BUILDING HEIGHT	VARIES: MAX (25'-0")			
7	BUILDING CLASSIFICATION	GROUP A DIVISION 2		3.2.2.20 - .83	
8	NUMBER OF STREETS / ACCESS ROUTES	1		3.2.2.10 & 3.2.5.5	
9	SPRINKLER SYSTEM	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
10	STAND PIPE REQUIRED	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		3.2.9	
11	FIRE ALARM REQUIRED	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		3.2.4	
12	ON SITE WATER SERVICE/SUPPLY	<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			
13	PERMITTED CONSTRUCTION	<input checked="" type="checkbox"/> COMBUSTIBLE <input type="checkbox"/> NON-COMBUSTIBLE ACTUAL CONSTRUCTION <input checked="" type="checkbox"/> COMBUSTIBLE <input type="checkbox"/> NON-COMBUSTIBLE		3.2.2.20 - .83	
14	EXIT CAPACITY				
15	OCCUPANT LOAD			3.1.1.6	
	USE	AREA FT <sup>2</sup>	AREA M <sup>2</sup>	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
	PICNIC AREA	2179	202	0.95	213
	TOTAL OCCUPANT LOAD				213

## WALL TYPES

- EXTERIOR WALL NON-FIRE RATED NON-STRUCTURAL**  
STUCCO ON STUCCO WIRE  
BUILDING WRAP  
3/8" PLYWOOD SHEATHING (WD BLOCKING AS REQUIRED FOR CONTINUOUS CURVE)  
2x6 WD STUDS AT 16" O.C.  
R20 BATT INSULATION  
6 MIL POLY VAPOUR BARRIER  
3/8" PLYWOOD SHEATHING (WD BLOCKING AS REQUIRED FOR CONTINUOUS CURVE)  
STUCCO ON STUCCO WIRE
- EXTERIOR WALL NON-FIRE RATED NON-STRUCTURAL (STUCCO/GWB)**  
STUCCO ON STUCCO WIRE  
BUILDING WRAP  
3/8" PLYWOOD SHEATHING (WD BLOCKING AS REQUIRED FOR CONTINUOUS CURVE)  
2x6 WD STUDS AT 16" O.C.  
R20 BATT INSULATION  
6 MIL POLY VAPOUR BARRIER  
3/8" PLYWOOD SHEATHING
- INTERIOR PARTITION WALL 1 HR FIRE RATED**  
FIRE RATING REFERENCE: NBC W1a  
5/8" TYPE "X" GYPSUM WALL BOARD  
2x6 WD STUDS AT 16" O.C.  
5/8" TYPE "X" GYPSUM WALL BOARD
- INTERIOR PARTITION WALL NON-FIRE RATED NON-STRUCTURAL**  
STUCCO ON STUCCO WIRE  
3/8" PLY WOOD SHEATHING  
2x6 WD STUDS AT 16" O.C.  
3/8" PLYWOOD SHEATHING  
STUCCO ON STUCCO WIRE
- INTERIOR PARTITION WALL 1HR FIRE RATED**  
FIRE RATING REFERENCE: NBC W1a  
STUCCO ON STUCCO WIRE  
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2x6 WD STUDS AT 16" O.C.  
5/8" TYPE "X" GYPSUM WALL BOARD

## DRAWING LIST

- ARCHITECTURAL**
- A0 COVER SHEET
  - A1 SITE PLAN AND ROOF PLAN
  - A2 EXISTING FLOOR PLAN
  - A3 MAIN FLOOR PLAN
  - A4 REFLECTED CEILING PLAN
  - A5 EXISTING ELEVATIONS
  - A6 BUILDING ELEVATIONS
  - A7 BUILDING ELEVATIONS
  - A8 INTERIOR ELEVATIONS
  - A9 BUILDING AND WALL SECTIONS AND DETAILS
  - A10 SCHEDULES
- STRUCTURAL**
- S1 FOUNDATION PLAN AND SPECIFICATIONS
  - S2 FOUNDATION SECTIONS AND DETAILS
  - S3 ROOF FRAMING PLAN
  - S4 ROOF SECTIONS AND DETAILS
- MECHANICAL**
- M1.1 PLUMBING PLANS
  - M1.2 PLUMBING SITE PLAN
  - M1.3 PLUMBING DETAILS
  - M2.1 HVAC PLANS
  - M2.2 HVAC DETAILS
- ELECTRICAL**
- E1 SPECIFICATIONS AND SCHEDULE
  - E2 DISTRIBUTION DIAGRAM AND PANEL BOARD SCHEDULE
  - E3 LIGHTING LAYOUT
  - E4 POWER LAYOUT

## GENERAL NOTES

- DRAWINGS MUST NOT BE SCALED.
- INFORMATION CONCERNING EXISTING CONSTRUCTION WAS TAKEN FROM ORIGINAL DRAWINGS AND IS ASSUMED CORRECT.
- THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF MEASUREMENTS AND QUANTITIES OF MATERIALS REQUIRED.
- PERFORM WORK IN STRICT ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA AND ANY OTHER CODE OF PROVINCIAL APPLICATION.
- WHERE NEW WORK CONNECTS WITH EXISTING AND WHERE EXISTING WORK IS ALTERED, PATCH REPAIR AND MAKE GOOD TO MATCH EXISTING.
- IN CASE OF DOUBT, CONFLICT OR DISCREPANCIES ON THE DRAWINGS, SPECIFICATIONS, MATERIALS OR METHOD OF CONSTRUCTION, CONSULT CONTRACT ADMINISTRATOR FOR CLARIFICATION BEFORE PROCEEDING WITH WORK.