

CODE ANALYSIS

(NBC 2005)

Section 3.1 General

The building is 1-storey, un-sprinklered, structure.
It is the stand-alone, water process building.

The Major occupancy Classifications: Group F, Division 3

Building Area: 38 sq.meters
Building Height: 1-storey
Number of Streets: 1
Building is Sprinklered: No
Design Occupant Load: 1-2 infrequent
Section 3.2 Building Fire Safety

Building Size and Construction Relative to Occupancy:
Construction Article: The building would be regulated under 3.2.2.80.,
Group F, Division 3, One Storey Non-combustible or Combustible:
The building may be Non-combustible or Heavy Timber
Floor Assemblies: No ratings required
Roof assemblies: No ratings required
Supporting Elements: No ratings required

Section 3.2.3 Spatial Separation

North: Area: 26 sq. meters; LD 100+ M, 100% openings allowed; None Req'd
South: Area: 26 sq. meters; LD 7.62 M, 1.2% openings allowed; None Req'd

East: Area: 21 sq. meters; LD 100+ M, 100% openings allowed; 5.29 sq. meters provided

West: Area: 21 sq. meters; LD 100+ M, 100% openings allowed; None Req'd

Section 3.2.4 Fire Alarm:

A fire alarm system is not required.

Section 3.2.5 Provisions for Firefighting:
Access for Fire Department Vehicles: Yes
Hydrants Location: conforming situation
Sprinkler or Standpipe: Not required

Section 3.2.7 Emergency Lighting:
Emergency lighting is required.

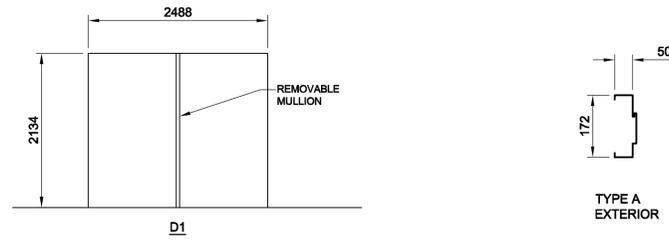
Section 3.4 Exits
One exit required: 1 exit provided.
Exit capacity required: 6.1mm x 4 persons = 24mm
exit width required: 2488mm provided.
Exit signage is required.

Section 3.7 Washrooms:

Not Required

Section 3.8 Barrier-Free design:

Not Required, Industrial Occupancy



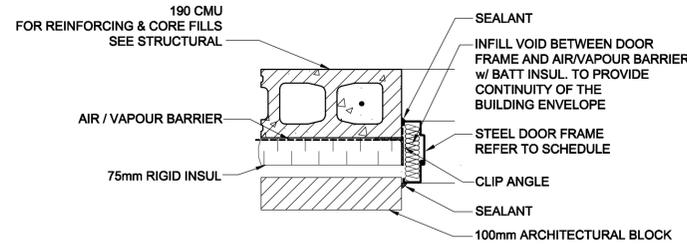
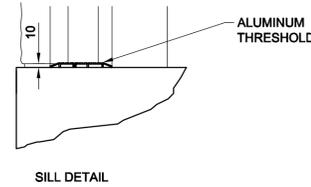
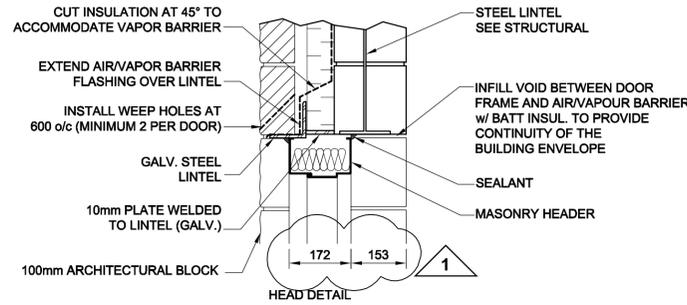
DOOR TYPES

FRAME TYPES

DOOR SCHEDULE															
DOOR										FRAME					REMARKS
DOOR NUMBER	DOOR TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	REINFORCEMENT	LOUVER	GLASS	FRAME TYPE	DETAIL				
											HEAD	JAMB	MATERIAL	FINISH	
D-101	D1	2-1219	2130	45	METAL	PT				A	METAL	PT			INSULATED

HARDWARE SCHEDULE

GROUP	DESCRIPTION	QUANTITY	UNIT	MANUFACTURER	MODEL
GROUP 1	3 BUTT HINGES			STANLEY	C32D S.S.
	1 EXIT KEYED DEVICE (WITH THUMB LATCH)			VON DURPIN	626
	1 DOOR SWEEP			KN CROWDER	CA
	1 WEATHER STRIPS				
	1 THRESHOLD			CT11 - 900mm	CA
	1 CLOSER			KN CROWDER	CA
	1 CHECK CHAIN			LCN	689
	STAINLESS STEEL KICKPLATES (BOTH SIDES)				



DETAIL 1
01-A-0001
SCALE 1:10
STANDARD DETAIL
EXTERIOR DOOR JAMB

ROOM NAME	FLOOR		WALLS								CEILING		REMARKS
			NORTH		EAST		SOUTH		WEST		MAT.	FINISH	
	MAT.	FINISH	MAT.	FINISH	MAT.	FINISH	MAT.	FINISH	MAT.	FINISH			
100 - ACCESS ROOM	CONC.	SEALER	CMU	PT	CMU	PT	CMU	PT	CMU	PT	METAL	PRE-FIN	

CMU = CONCRETE MASONRY UNIT CONC = CONCRETE PT = PAINT

WALL SCHEDULE		
NO.	PLAN DETAIL	DESCRIPTION
W-1		WALL W-1 @ ARCHITECTURAL CMU ARCHITECTURAL BLOCK 35 AIR GAP 75 RIGID INSUL AIR/VAPOUR BARRIER 190 CMU (REFER TO STRUCTURAL FOR REINF.)
W-2		@ METAL CLADDING PRE-FINISHED METAL CLADDING P.T. 19x89 HORIZONTAL STRAPPING @ 600 o/c 75 RIGID INSUL AIR/VAPOUR BARRIER 190 CMU (REFER TO STRUCTURAL FOR REINF.)

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES DATE COMMITTEE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	YYMMDD	BY
1	ISSUED FOR ADDENDUM 1	10/02/09	KK
0	ISSUED FOR CONSTRUCTION	10/02/08	KK

DESIGNED BY	KK/GGP	CHECKED BY	GGP
DRAWN BY	KK	APPROVED BY	Bryan Weber
HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERT. SCALE	-		
DATE	10/02/09	DATE	Feb 9/10

PROFESSIONAL'S SEAL
Revision '0'
Issued for Construction
WAS SEALED BY
NEIL COOPER
AND DATED
Feb 10/10
CONSULTANT DRAWING NO.
D265-250-00_01-A-0001_RX.dwg

BID OPPORTUNITY NO. 16-2010

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

**BRANCH I AQUEDUCT VALVE CHAMBER
AT McPHILLIPS STREET
PUMPING STATION**

**ARCHITECTURAL
GENERAL NOTES**

SHEET 08 OF 28	REV 1
CITY DRAWING NUMBER	D-11918