

D SIZE 22" x 34" (559mm x 864mm)

PLOT: 10/02/10 1:31:57 PM

AECOM REVIEW DRFT CHK  
AECOM FILE NAME: D265-250-00\_01-A-0001\_RX.dwg Saved By: [unreadable]

**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

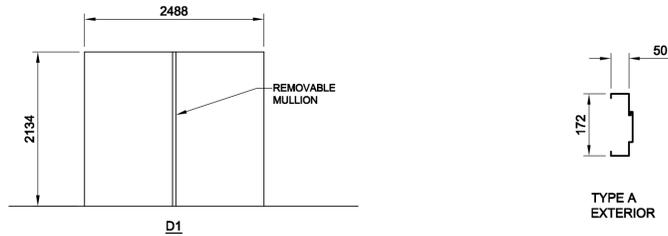
**Section 3.2.7 Emergency Lighting:**  
Emergency lighting is required.

**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:**

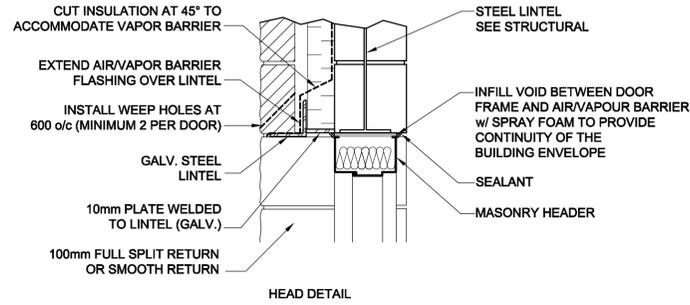
Not Required

**Section 3.8 Barrier-Free design:**  
Not Required, Industrial Occupancy

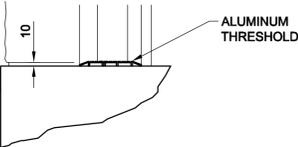


**DOOR TYPES**

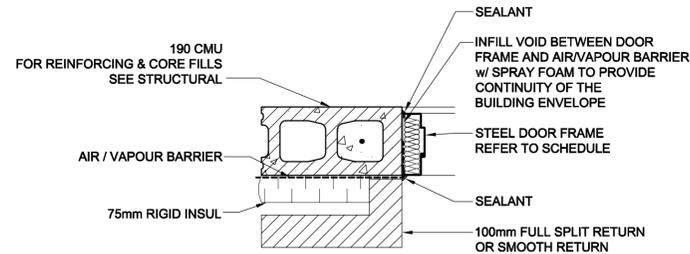
**FRAME TYPES**



**HEAD DETAIL**



**SILL DETAIL**



**DETAIL 1**

0 100 200 300 mm SCALE 1:10

STANDARD DETAIL  
EXTERIOR DOOR JAMB

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

**HARDWARE SCHEDULE**

GROUP 1			
3 BUTT HINGES	TA 314 114x100 NRP	STANLEY	C32D S.S.
1 EXIT KEYED DEVICE (WITH THUMB LATCH)	98EO	VON DURPIN	626
1 DOOR SWEEP	W24S - 900mm	KN CROWDER	CA
1 WEATHER STRIPS			
1 THRESHOLD	CT11 - 900mm	KN CROWDER	CA
1 CLOSER	4041	LCN	689
1 CHECK CHAIN			
STAINLESS STEEL KICKPLATES (BOTH SIDES)			

ROOM FINISH SCHEDULE														
ROOM NAME	FLOOR			WALLS								CEILING		REMARKS
	MAT.	FINISH	BASE	NORTH		EAST		SOUTH		WEST		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		<b>WALL W-1</b> @ ARCHITECTURAL CMU ARCHITECTURAL BLOCK 35 AIR GAP 75 RIGID INSUL AIR/VAPOUR BARRIER 190 CMU (REFER TO STRUCTURAL FOR REINF.)  @ 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.



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DESIGNED BY	KK/GGP	CHECKED BY	GGP
DRAWN BY	KK	APPROVED BY	Bryan Weber
HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERT. SCALE	-		K.Z.
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 0
CITY DRAWING NUMBER	D-11918