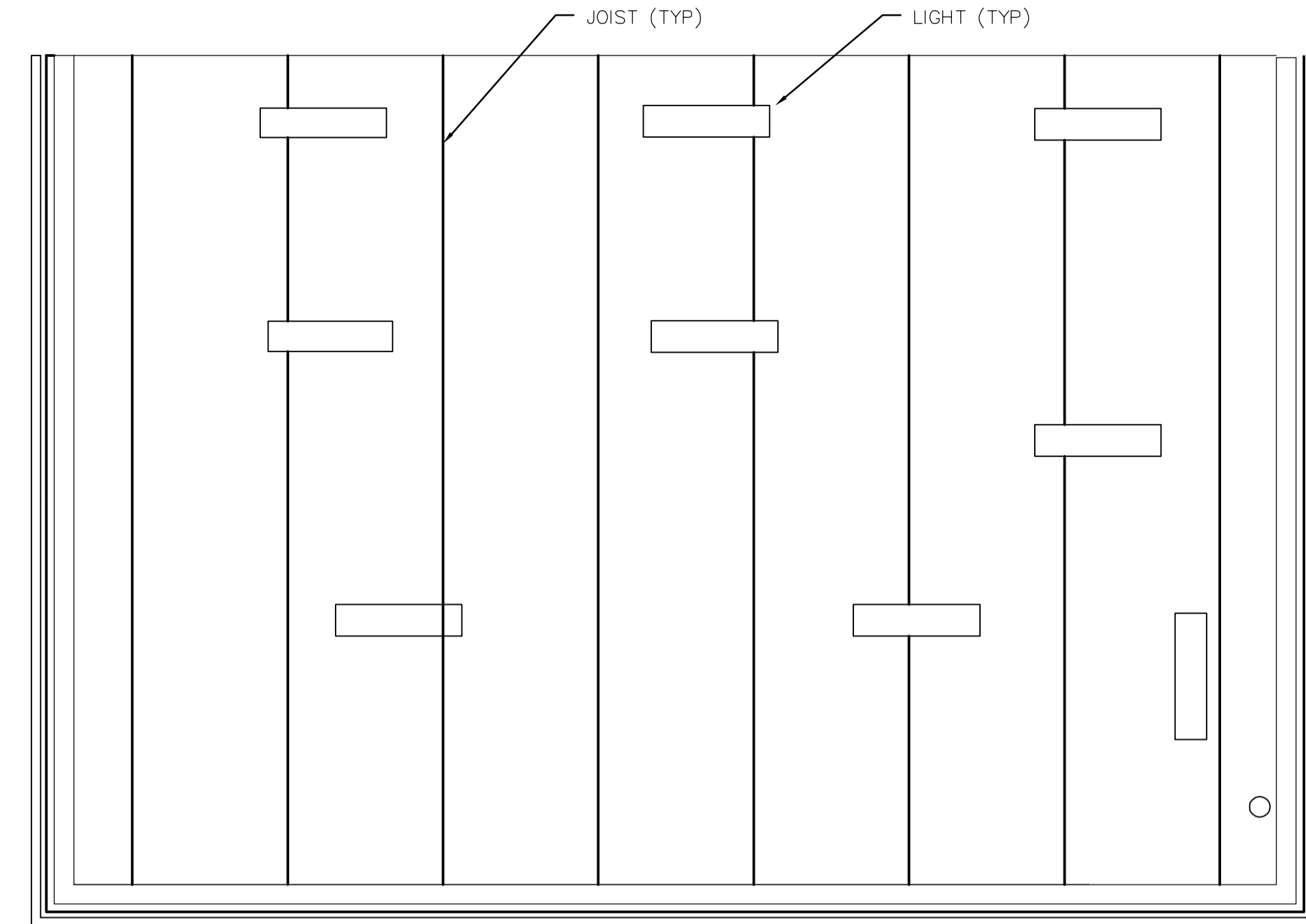


**ROOF PLAN**  
SCALE : 1:50



**REFLECTED CEILING PLAN**  
SCALE : 1:50

NOTE: SEE ELECTRICAL FOR LIGHTING LOCATIONS AND SCHEDULE

**CODE ANALYSIS**

DATE: SEPTEMBER 16, 2005

**NORTH END WINNIPEG WATER POLLUTION CONTROL CENTRE**  
2230 MAIN STREET  
WINNIPEG, MANITOBA  
R2V 4T8

**NEW CENTRATE FACILITY**  
**BUILDING CODE ANALYSIS**

**1.0 DESCRIPTION**

- BUILDING AREA: 1,453.7 M<sup>2</sup> (15,641.8 SF) EXISTING PLUS 102.3 M<sup>2</sup> (1,100.7 SF) OF NEW ADDITION = 1,556.0 M<sup>2</sup> (16,742.6 SF) TOTAL AREA.
- STORIES: (3)
- SPRINKLERED: NO
- OCCUPANCY TYPE: GROUP F, DIVISION 3
- OCCUPANT LOAD: 7 EXISTING, PLUS 1 NEW = 8 TOTAL
- STREETS: (3)

**2.0 REGULATION**

1. THIS PROJECT MAY BE REGULATED UNDER 3.2.2.76., GROUP F, DIVISION 3, UP TO 4 STOREYS

2. CLASSIFICATION

1. REQUIREMENTS:

- ≤ 2,400 M<sup>2</sup> (10,760 SF) BUILDING AREA (CONFORMS: 1,556 M<sup>2</sup>)
- ≤ (4) STOREYS (CONFORMS: 3)
- UNSPRINKLERED (CONFORMS)
- TYPE 'F-3' OCCUPANCY (CONFORMS)
- (3) STREETS (CONFORMS)

2. STIPULATIONS:

- MAY BE COMBUSTIBLE OR NON-COMBUSTIBLE CONSTRUCTION
- FLOOR ASSEMBLIES - 45 MINUTES FRR - NA
- LOAD BEARING ELEMENTS - 45 MINUTES FRR - NA

**3.0 GENERAL CONFORMANCE**

1. 3.4.2.5 - TRAVEL DISTANCE: NEW CENTRATE ADDITION

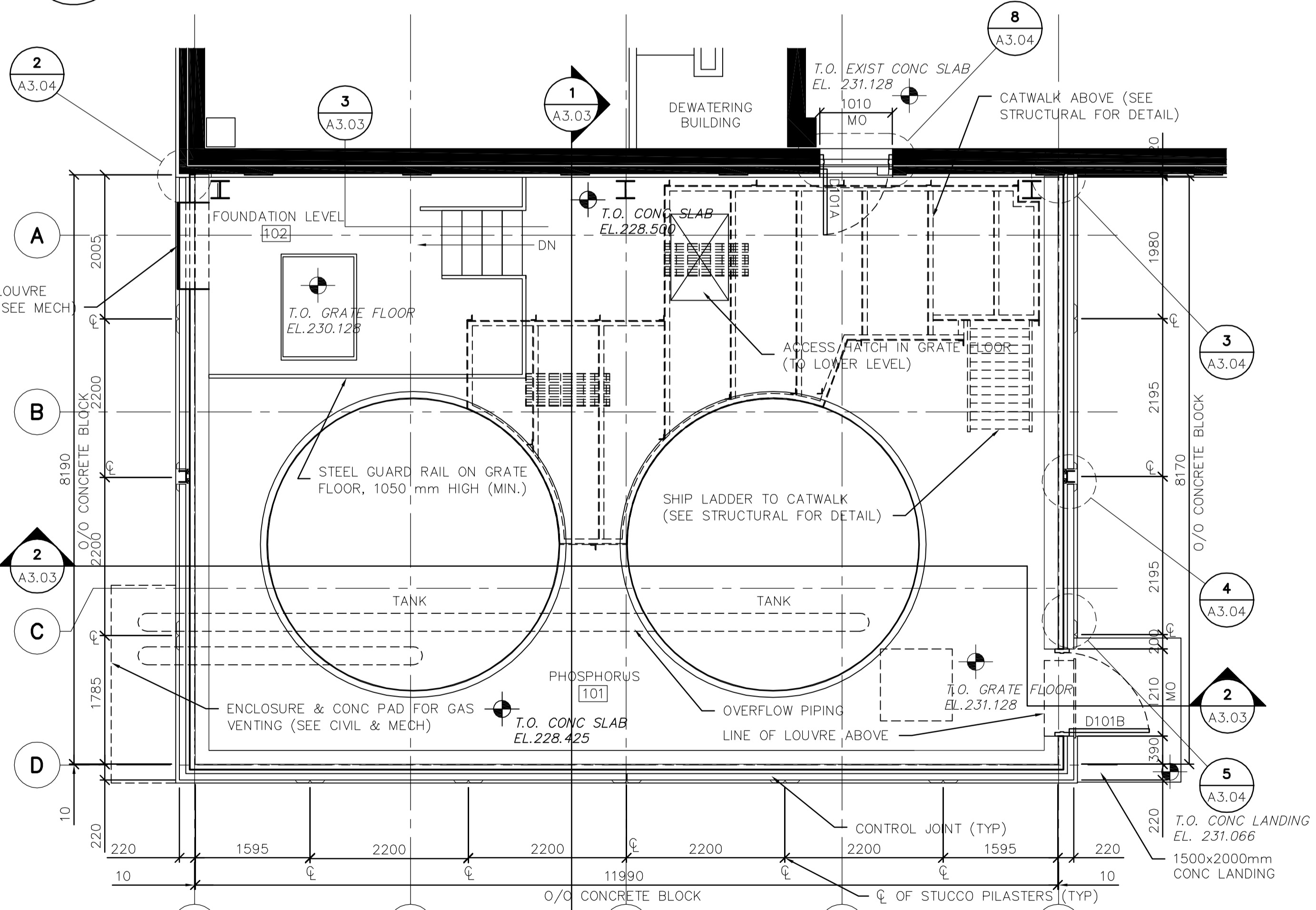
1. MAXIMUM TRAVEL DISTANCE TO AN EXIT IS 30 M (98') (CONFORMS: MAX. TRAVEL OF 13 M)

2. 3.4.2.1 - NUMBER OF EXITS: NEW CENTRATE ADDITION

1. (1) EXIT IS REQUIRED (≤ 200 M<sup>2</sup>) (CONFORMS: 2 PROVIDED)

3.3.2.3.1 - LIMITING DISTANCE

1. NO ISSUES



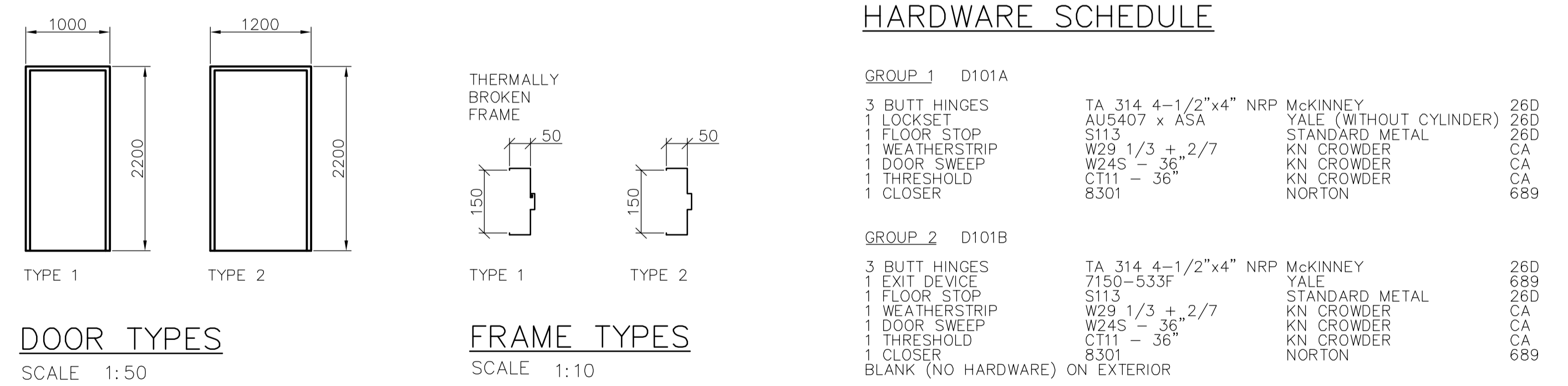
**MAIN FLOOR PLAN**  
SCALE : 1:50

**DOOR SCHEDULE**

DOOR NO	TO ROOM	SIZE	DOOR										FIRE RATING	GRILLES	COMMENTS	
			SWING	TYPE	MAT	CORE	FINISH	COLOUR	PROFILE	MAT	TYPE	FINISH				COLOUR
D101A	PHOSPHORUS	45x915x2150	RH	1	HM	PT	A	1	HM	WLD	PT	A	1	N/A	N/A	RHR ACTIVE
D101B	PHOSPHORUS	45x1100x2150	RHR	2	HM	INSUL	PT	A	1	HM	WLD	PT	A	2	N/A	RHR ACTIVE

**FINISH SCHEDULE**

ROOM NO	ROOM NAME	FLOOR										WALLS				CEILING			COMMENTS			
		FLOORING		BASE		NORTH		EAST		SOUTH		WEST		MAT	FINISH	COLOUR	HGT	AFF				
		MAT	COLOUR	MAT	COL	MAT	FINISH	COLOUR	MAT	FINISH	COLOUR	MAT	FINISH							COLOUR		
101	PHOSPHORUS	GRATE	A	PT	A	CB	PT	C	CB	PT	C	CB	PT	C	CB	PT	C	METAL	PT	D	4000	
102	FOUNDATION LEVEL	ELAST	B	ELAST	B	CB	PT	B	CB	PT	B	CB	PT	B	CB	PT	B	METAL	PT	D	4900	



B.M. ELEV.

**EarthTech**  
A Tyco International Ltd. Company

DESIGNED BY: NC CHECKED BY: NC  
DRAWN BY: LK APPROVED BY: D. TANIGUCHI  
SCALE: AS SHOWN RELEASED FOR CONSTRUCTION BY: K. MARTENS

00 ISSUED FOR TENDER 05/12/05 LK  
NO. REVISIONS DATE BY DATE 2005/09/16 DATE 05/12/02

ENGINEER'S SEAL: NEIL COOPER ARCHITECT INC. No. 090

CONSULTANT DRAWING NO. CA3.01

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

NEWPCC CENTRATE NUTRIENT TREATMENT PHOSPHORUS REMOVAL FACILITY  
CONTRACT No. 1

ARCHITECTURAL CHEMICAL STORAGE BUILDING  
ROOF, MAIN FLOOR, & CEILING PLANS & SCHEDULES

CITY FILE NUMBER: SHEET 1 OF 4  
CITY DRAWING NUMBER: 1-00F-A-80005-001-00-D