

**FIRM NAME:** LALANDE + DOYLE ARCHITECTS INC.  
**CERTIFICATE OF PRACTICE NUMBER:** 4302  
207 QUEEN STREET, 4TH FLOOR  
OTTAWA, ONTARIO K1P 6E5  
T: 613.233.2900 F: 613.233.1008

**NAME OF PROJECT:**  
ENVIRONMENT CANADA LARGE-SCALE MARINE OIL SIMULATOR, EXPOSURE SIMULATOR

**LOCATION:**  
335 RIVER ROAD  
OTTAWA, ONTARIO

ITEM	ONTARIO BUILDING CODE DATA MATRIX						OBC REFERENCE			
1	PROJECT DESCRIPTION: Erie, Canada - Martens Oil Exposure Simulator 335 River Road Ottawa, Ontario		<input type="checkbox"/> NEW <input type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION <input type="checkbox"/> CHANGE OF USE		<input type="checkbox"/> PART 1	<input checked="" type="checkbox"/> PART 3	<input type="checkbox"/> PART 9			
2	MAJOR OCCUPANCY (S) GROUP F - Division 3						3.1.2.1.(1)			
3	BUILDING FOOTPRINT AREA (m <sup>2</sup> )		EXISTING	12840	NEW	41	TOTAL	12881	1.1.3.2	
4	GROSS AREA		EXISTING	12450	NEW	39	TOTAL	12489	1.1.3.2	
5	NUMBER OF STOREYS		ABOVE GRADE		1	BELOW GRADE		N/A	3.2.1.1 & 1.1.3.2	
6	HEIGHT OF BUILDING		±7.5m (EXISTING) ±5.5m (GRADE 1/A)							
7	NUMBER OF STREETS/ACCESS ROUTES		1						3.2.2.10 & 3.2.5.5	
8	BUILDING CLASSIFICATION: GROUP D WITH F3 LABS								3.2.2.82	
9	SPRINKLER SYSTEM:		<input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> BASEMENT ONLY <input type="checkbox"/> IN LIEU OF ROOF RATING <input type="checkbox"/> NOT REQUIRED						3.2.2.82	
10	STANDPIPE REQUIRED		<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> EXIST.		3.2.9			
11	FIRE ALARM REQUIRED		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO					3.2.4	
12	WATER SERVICE/SUPPLY IS ADEQUATE		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO						
13	HIGH BUILDING		<input type="checkbox"/> YES	<input type="checkbox"/> NO					3.2.6	
14	PERMITTED CONSTRUCTION ACTUAL CONSTRUCTION		<input type="checkbox"/> Combustible ■ Non-Combustible		<input type="checkbox"/> Both Combustible ■ Non-Combustible	<input type="checkbox"/> Both	3.2.2.82			
15	MEZZANINE (S) AREA (m <sup>2</sup> )		N/A						3.2.1.1.(3)-(8)	
16	OCCUPANT LOAD BASED ON 39m <sup>2</sup> / 4.6m <sup>2</sup> Per person								3.1.17	
	BUILDING 10		OCCUPANCY		F3		8 PERSONS			
17	BARRIER-FREE DESIGN		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO (SPECIALIZED LAB - MECH. SPACE ONLY)					3.1.2	
18	HAZARDOUS SUBSTANCES		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO					3.2.1.1.(1), 3.3.1.19 (1)	
19	REQUIRED FIRE RESISTANCE RATING (FRR)	HORIZONTAL ASSEMBLIES FRR (HOURS)		LISTED DESIGN NO OR DESCRIPTION (SG-2)			3.2.2.49 & 3.2.1.4			
		FLOORS	HOURS	EXISTING						
		ROOF	HOURS	EXISTING						
		MEZZANINE	HOURS	EXISTING						
		FRR OF SUPPORTING MEMBERS (HOURS)		LISTED DESIGN NO OR DESCRIPTION (SG-2)						
		FLOORS	HOURS	EXISTING						
		ROOF	HOURS	EXISTING						
		MEZZANINE	HOURS	EXISTING						
20	SPATIAL SEPARATION – Construction of Exterior Walls – EXISTING						3.2.3			
	Wall	Area of EBF (m)	L/D (m) or L/H or H/L	Permitted % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design of Description	Comb. Const.	Conbn. Constr. Nonc. Cladding	Non-comb Const.
	NORTH	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
	SOUTH	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
	EAST	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
	WEST	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
20	PLUMBING FIXTURE REQUIREMENTS: EXISTING. NO MODIFICATION TO OCCUPANT LOAD – Addition of IN-SUITE PLUMBING FIXTURES.						3.7.4.2 (2) & 3.7.4.7			

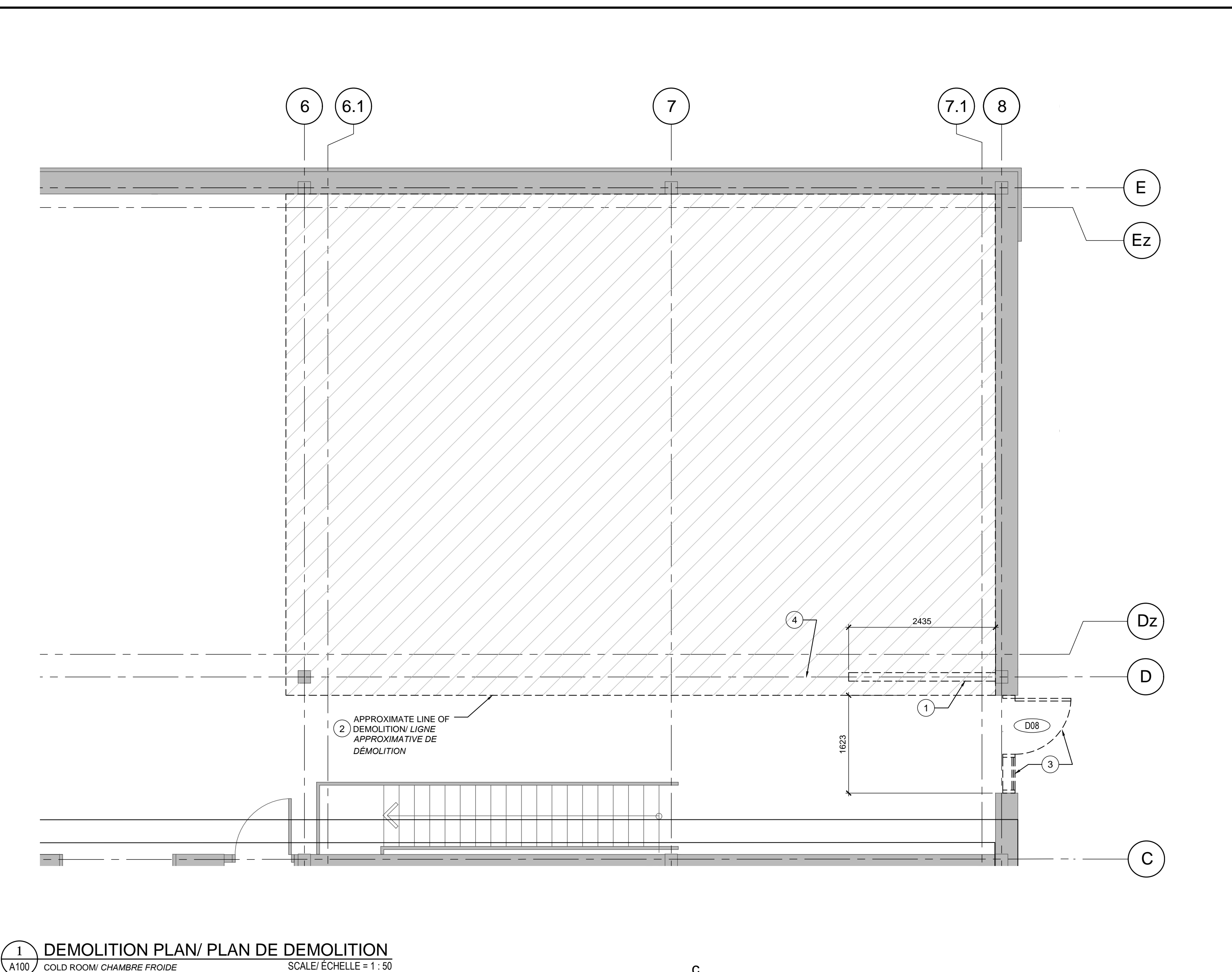
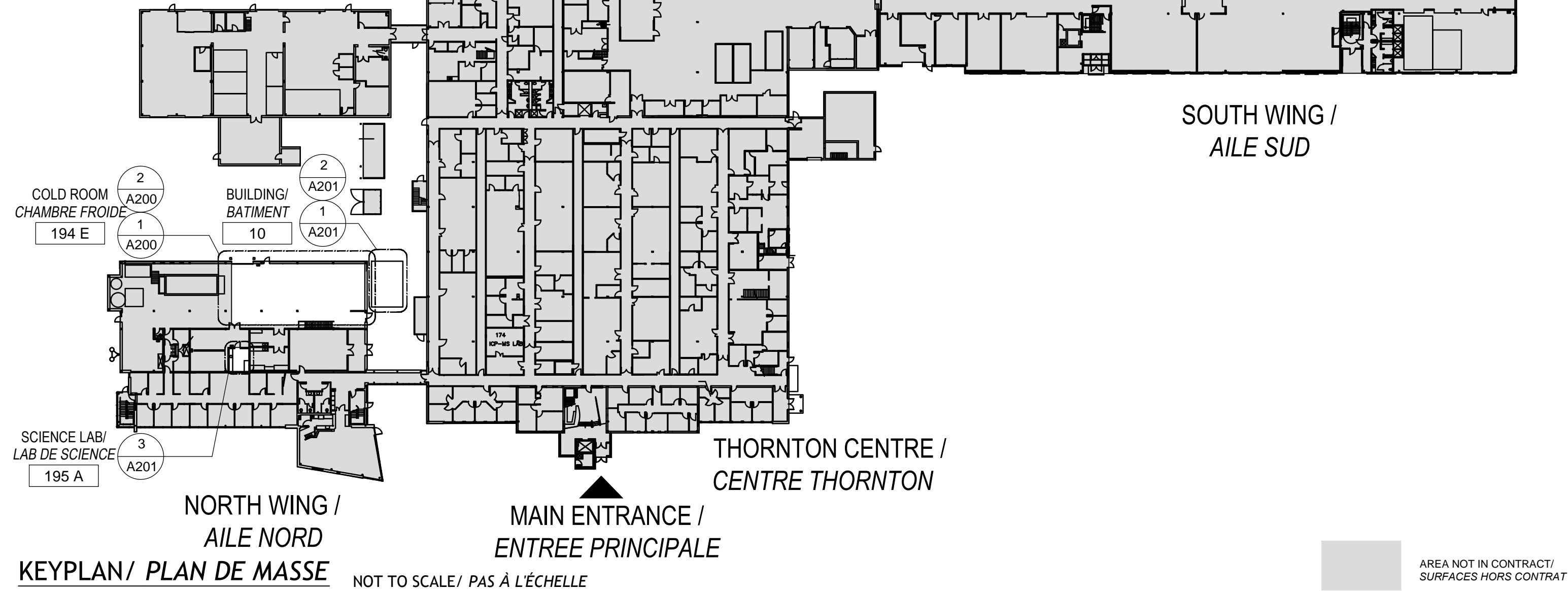
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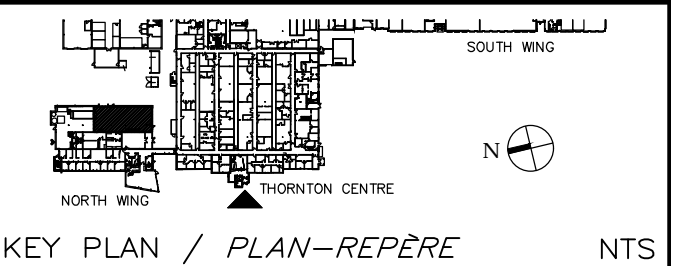
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**LOCATION:**  
335 RIVER ROAD  
OTTAWA, ONTARIO

ITEM	ONTARIO BUILDING CODE DATA MATRIX - PART 11 - RENOVATION OF EXISTING BUILDING	REFERENCE
11.1	<div>EXISTING BUILDING CLASSIFICATION:</div> <div> <div>DESCRIBE EXISTING USE: OFFICE SPACE</div> <div>CONSTRUCTION INDEX:</div> <div>HAZARD INDEX:</div> <div>NOT APPLICABLE (NO CHANGE OF MAJOR OCCUPANCY)</div> </div>	<div>11.2.1</div> <div>T 11.2.1.1A</div> <div>T 11.2.1.1B TO N</div>
11.2	<div>ALTERATION TO EXISTING BUILDING IS:</div> <div> <div>BASIC RENOVATION</div> <div>EXTENSIVE RENOVATION</div> </div>	<div>11.3.3.1</div> <div>11.3.3.2</div>
11.3	<div>REDUCTION IN PERFORMANCE LEVEL:</div> <div> <div>STRUCTURAL:</div> <div>BY INCREASE IN OCCUPANT LOAD:</div> <div>BY CHANGE OF MAJOR OCCUPANCY:</div> <div>PLUMBING:</div> <div>SEWAGE SYSTEM:</div> <div> <div>NO</div> <div>YES</div> <div>NO</div> <div>YES</div> <div>NO</div> <div>YES</div> <div>NO</div> <div>YES</div> </div> </div>	<div>11.4.2</div> <div>11.4.2.1</div> <div>11.4.2.2</div> <div>11.4.2.3</div> <div>11.4.2.4</div> <div>11.4.2.5</div>
11.4	<div>COMPENSATING CONSTRUCTION:</div> <div> <div>STRUCTURAL:</div> <div>INCREASE IN OCCUPANT LOAD:</div> <div>CHANGE OF MAJOR OCCUPANCY:</div> <div>PLUMBING:</div> <div>NEW KITCHEN SINK:</div> <div>SEWAGE SYSTEM:</div> <div> <div>NO</div> <div>YES (EXPLAIN)</div> <div>NO</div> <div>YES (EXPLAIN)</div> <div>NO</div> <div>YES (EXPLAIN)</div> <div>NO</div> <div>YES (EXPLAIN)</div> </div> </div>	<div>11.4.3</div> <div>11.4.3.2</div> <div>11.4.3.3</div> <div>11.4.3.4</div> <div>11.4.3.5</div> <div>11.4.3.6</div>
11.5	<div>COMPLIANCE ALTERNATIVES PROPOSED:</div> <div> <div>NO</div> <div>YES (GIVE NUMBER(S))</div> </div>	11.5.1
11.5	<div>ALTERNATIVE MEASURES PROPOSED:</div> <div> <div>NO</div> <div>YES (EXPLAIN)</div> </div>	11.5.2



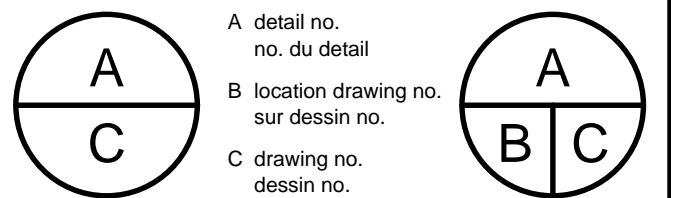
- ① 1500mm HIGH CONCRETE BLOCK HALF WALL TO BE DEMOLISHED AND DISCARDED / MURS DE BLOCK DE BÉTON 1500mm DE HAUT A DÉMOLIR ET JETÉE HORS SITE.
- ② EXISTING CONCRETE SLAB TO BE DEMOLISHED AND DISCARDED / DALLE DE BÉTON EXISTANT A DÉMOLIR ET JETÉE HORS SITE.
- ③ EXISTING DOOR AND SIDE WINDOW TO BE REMOVED, SALVAGED AND REINSTALLED IN NEW LOCATION AS INDICATED CONSTRUCTION PLAN / PORTE ET FENÊTRE EXISTANTE ONT ENLEVÉ, RÉCUPÉRER ET REINSTALLER EN CONJONCTION AVEC LE NOUVEAU EMPLACEMENT REPRÉSENTANT SUR LE PLAN DE CONSTRUCTION.
- ④ EXISTING RAIL BEAM TO BE CUT BETWEEN AXES 7 AND 8 / POUTRE EXISTANT À ÊTRE COUPÉE ENTRE LES AXES 7 ET 8.



**Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.**  
*L'entrepreneur doit vérifier toutes les dimensions & condition sur le site et aviser immédiatement l'ingénieur de toutes divergence.*

C	ISSUED FOR TENDER	01/09/2016
B	ISSUED FOR 100%	02/06/2016
A	ISSUED FOR 66%	06/05/2016

revisions	description	date
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project	projet
<b>ENVIRONMENT CANADA</b> <b>ESTS NEXT GENERATION</b> <b>ENVIRONNEMENTAL SIMULATOR</b> <i><b>ENVIRONNEMENT CANADA</b></i> <i><b>DUST SIMULATEUR D'ENVIRONNEMENT</b></i> <i><b>ULTRAMODERNE DE LA PROCHAINE GÉNÉRATION</b></i> 335 River Road, Ottawa	

drawing	dessin
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KEY PLAN, CODE REVIEW &  
DEMOLITION PLAN/ *PLAN DE  
MASSE, REVUE DU CODE &  
PLAN DE DÉMOLITION*

Designed By	PD	Conçu par
Date	27/06/2016	(yyyy/mm/dd)
Drawn By	JD	Dessiné par
Date	27/06/2016	(yyyy/mm/dd)
Reviewed By	PD	Examiné par
Date	27/06/2016	(yyyy/mm/dd)
Approved By	PD	Approuvé par
Date	27/06/2016	(yyyy/mm/dd)
Tender	ELENA CHARIVKER	Soumission
Project Manager	Administrateur de projets	
PWGSC Proj no.	R.075351.00	Consultant Proj no.
		7323-010-00
Drawing no.	No. du dessin	