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# HEALTH CANADA

## INSPECTORATE LABORATORY FITUP

2301 MIDLAND AVENUE, TORONTO, ONTARIO



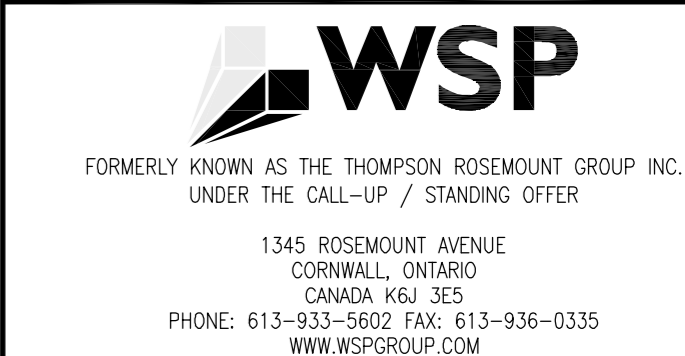
1345 ROSEMOUNT AVENUE  
CORNWALL, ON, CANADA K6J 3E5  
PH: 613.933.5602 FX: 613.936.0335

### DRAWING LIST:

- A1.0 COVER PAGE AND DRAWING LIST
- A1.1 SITE PLAN AND SCHEDULES
- A1.2 CONSTRUCTION ACCESS ROUTING
  
- A2.1 OVERALL FLOOR PLANS
- A2.2 DEMOLITION PLANS
- A2.3 PARTIAL LEVEL 1 FLOOR PLAN
- A2.4 PARTIAL LEVEL 2 FLOOR PLAN
- A2.5 PARTIAL LEVEL 1 REFLECTED CEILING PLAN
- A2.6 PARTIAL LEVEL 2 REFLECTED CEILING PLAN
  
- A3.1 INTERIOR ELEVATIONS
- A3.2 INTERIOR ELEVATIONS
- A3.3 INTERIOR ELEVATIONS
- A3.4 INTERIOR ELEVATIONS
- A3.5 INTERIOR ELEVATIONS
- A3.6 INTERIOR ELEVATIONS
- A3.7 INTERIOR ELEVATIONS
  
- A4.1 WALL SYSTEM FURNITURE COMPONENTS AND DETAILS
- A4.2 ISLAND SYSTEM FURNITURE COMPONENTS AND DETAILS
  
- M1.1 PARTIAL LEVEL 1 FIRE PROTECTION LAYOUT
- M1.2 PARTIAL LEVEL 2 FIRE PROTECTION LAYOUT
  
- M2.1 PARTIAL LEVEL 1 PLUMBING DEMOLITION
- M2.2 PARTIAL LEVEL 2 PLUMBING DEMOLITION
- M2.3 PARTIAL LEVEL 1 PLUMBING LAYOUT
- M2.4 PARTIAL LEVEL 2 PLUMBING LAYOUT
- M2.5 PARTIAL LEVEL 3 PLUMBING LAYOUT SCHEMATIC & SCHEDULE
  
- M3.1 PARTIAL LEVEL 1 PLAN HVAC DEMOLITION
- M3.2 PARTIAL LEVEL 2 PLAN HVAC DEMOLITION
- M3.3 PARTIAL LEVEL 1 PLAN HVAC LAYOUT
- M3.4 PARTIAL LEVEL 2 PLAN HVAC LAYOUT
- M3.5 PARTIAL PENTHOUSE PLAN HVAC LAYOUT SECTIONS & SCHEDULES
- M3.6 HVAC SCHEMATICS
- M3.7 SCHEMATICS AND SEQUENCES
- M3.8 MECHANICAL DETAILS
- M3.9 MECHANICAL DETAILS
  
- M4.1 PARTIAL LEVEL 1 LABORATORY GAS PIPING DEMOLITION
- M4.2 PARTIAL LEVEL 2 LABORATORY GAS PIPING DEMOLITION
- M4.3 PARTIAL LEVEL 1 LABORATORY GAS PIPING LAYOUT
- M4.4 PARTIAL LEVEL 2 LABORATORY GAS PIPING LAYOUT
  
- E1.1 PARTIAL LEVEL 1 LIGHTING DEMOLITION
- E1.2 PARTIAL LEVEL 1 POWER AND SYSTEMS DEMOLITION
- E1.3 PARTIAL LEVEL 2 LIGHTING DEMOLITION
- E1.4 PARTIAL LEVEL 2 POWER AND SYSTEMS DEMOLITION
  
- E2.1 PARTIAL LEVEL 1 LIGHTING LAYOUT
- E2.2 PARTIAL LEVEL 2 LIGHTING LAYOUT
  
- E3.1 PARTIAL LEVEL 1 POWER & SYSTEMS LAYOUT
- E3.2 PARTIAL LEVEL 2 POWER & SYSTEMS LAYOUT
- E3.3 PARTIAL LEVEL 3 POWER & SYSTEMS LAYOUT
  
- E4.1 PARTIAL SINGLE LINE DEMOLITION DIAGRAM
- E4.2 REVISED PARTIAL SINGLE LINE DIAGRAM
  
- E5.1 PANEL SCHEDULES
- E5.2 PANEL SCHEDULES

NATIONAL BUILDING CODE DATA MATRIX PART 11-- RENOVATION OF EXISTING BUILDING			NBC REFERENCE
11.1	EXISTING BUILDING CLASSIFICATION:	DESCRIBE EXISTING USE: <u>LABORATORY</u> CONSTRUCTION INDEX: <u>6</u> HAZARD INDEX: <u>3</u>  <input checked="" type="checkbox"/> NOT APPLICABLE (NO CHANGES OF MAJOR OCCUPANCY)	11.2.1 T 11.2.1.1A T 11.2.1.1C
11.2	ALTERATION TO EXISTING BUILDING IS:	BASIC RENOVATION <input checked="" type="checkbox"/> EXTENSIVE RENOVATION <input type="checkbox"/>	11.3.3.1 11.3.3.2
11.3	REDUCTION IN PERFORMANCE LEVEL:	STRUCTURAL: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES BY INCREASE IN OCCUPANT LOAD: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES BY CHANGE OF MAJOR OCCUPANCY: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES PLUMBING-SYSTEM: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES SEWAGE-SYSTEM: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	11.4.2 11.4.2.1 11.4.2.2 11.4.2.3 11.4.2.4 11.4.2.5
11.4	COMPENSATING CONSTRUCTION:	STRUCTURAL: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN)  INCREASE IN OCCUPANT LOAD: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN)  CHANGE OF MAJOR OCCUPANCY: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN)  PLUMBING: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN)  SEWAGE SYSTEM: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN)	11.4.3 11.4.3.2  11.4.3.3  11.4.3.4  11.4.3.5  11.4.3.6
11.5	COMPLIANCE ALTERNATIVES PROPOSED:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (GIVE NUMBER(S)) <u>?</u> <u>?</u> <u>?</u>	11.5.1
11.6	ALTERNATIVE MEASURES PROPOSED:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN)	11.5.2

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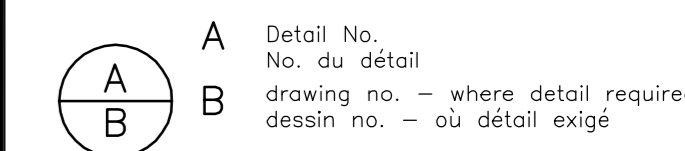


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revision	description	date
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1	ISSUED FOR REVIEW	2015/04/17

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project title  
titre du projet  
**TORONTO** Ontario  
HEALTH CANADA  
2301 MIDLAND AVE

**LABORATORY UPGRADES**

drawing title  
titre du dessin  
**COVER PAGE  
AND  
DRAWING LIST**

drawn by  
dessiné par **MF**

designed by  
conc par **DM**

approved by  
approuvé par

tender  
soutmission **AQUIL ALI** project manager  
administrateur de projets

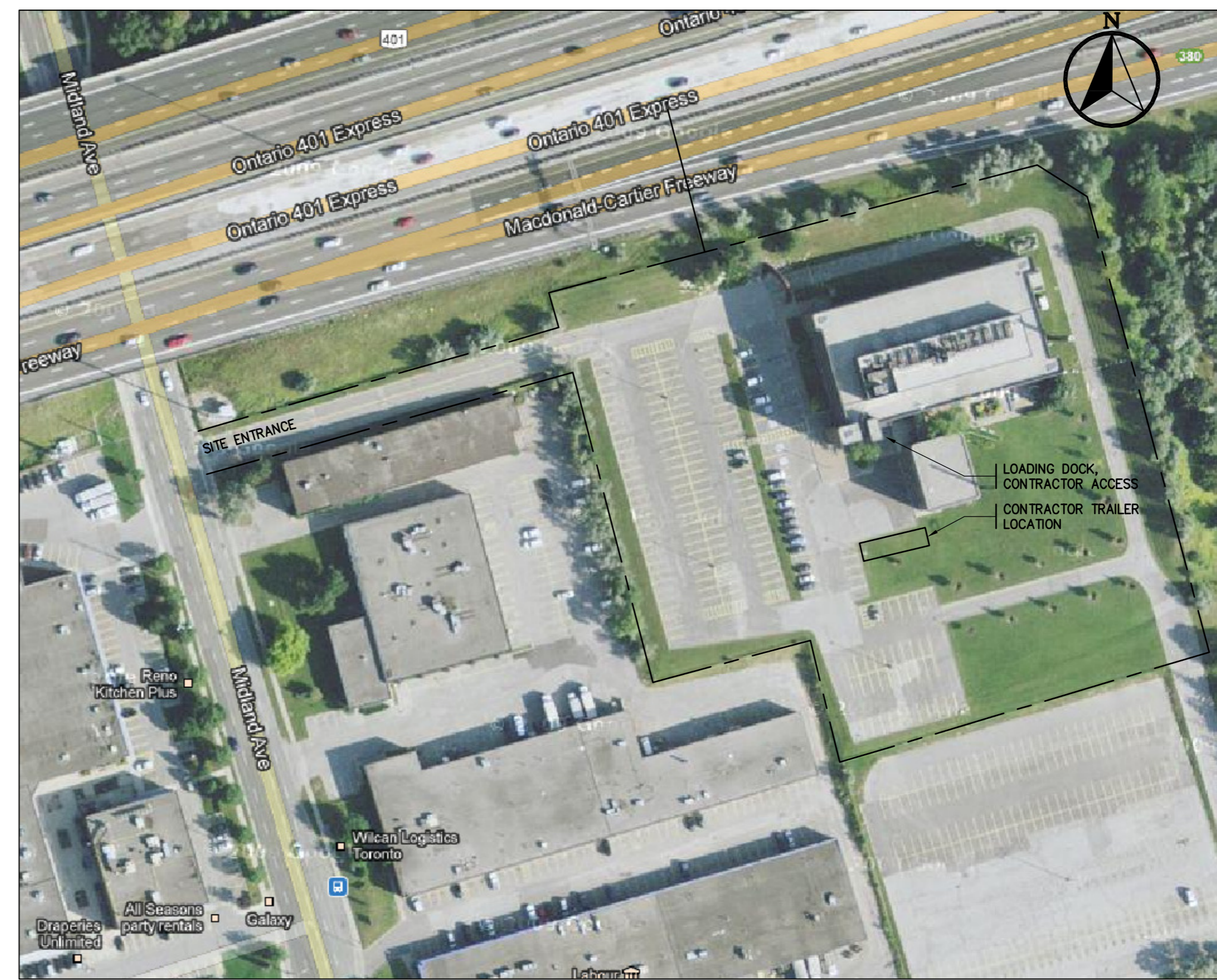
project date  
date du projet **2015/04/15**

project no.  
no. du projet **R.054345.001**

drawing no.  
dessiné no. **A1.0**

**LEGEND:**

<span style="border: 1px solid black; padding: 2px;">LAB</span>	ROOM NAME
<span style="border: 1px solid black; padding: 2px;">225</span>	ROOM NUMBER
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	GENERAL NOTE
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">OS22</span>	OWNER SUPPLIED EQUIPMENT
INTERIOR ELEVATION BUBBLE	
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">A3.7</span>	SHEET NUMBER WHERE DETAIL IS FOUND
1A	DETAIL NUMBER, LETTER DENOTES ELEVATION
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">1</span>	DETAIL NUMBER
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">A2.2</span>	SHEET NUMBER WHERE DETAIL IS FOUND
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">1150</span>	DOOR TAG
<span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span>	EXISTING 1hr F.R.R.
<span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span>	EXISTING 2hr F.R.R.



SITE PLAN - N.T.S.

**Public Works and Government Services Canada**  
 Architectural and Engineering Services  
 Ontario Region

**Travaux publics et Services gouvernementaux Canada**  
 Services d'architecture et de génie  
 Région de l'Ontario

**WSP**  
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 UNDER THE CALL-UP / STANDING OFFER

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**DOOR AND FRAME SCHEDULE**

DOOR NO.	DOOR				FRAME				REMARKS	
	DOOR SIZE	TYPE	MATL.	FIN.	GLASS	TYPE	FIN.	MAT.		RATING
115a	EXISTING	---	---	PAINT	---	---	PAINT	---	Ex. 1hr	DOOR COLOUR: P2, FRAME COLOUR P3 *
115b	EXISTING	---	---	PAINT	---	---	PAINT	---	Ex. 1hr	DOOR COLOUR: P2, FRAME COLOUR P3 *
164a	EXISTING	---	---	PAINT	---	---	PAINT	---	Ex. 1hr	DOOR COLOUR: P2, FRAME COLOUR P3
164b	EXISTING	---	---	PAINT	---	---	PAINT	---	Ex. 1hr	DOOR COLOUR: P2, FRAME COLOUR P3
164c	EXISTING	---	---	PAINT	---	---	PAINT	---	Ex. 1hr	DOOR COLOUR: P2, FRAME COLOUR P3
165a	EXISTING	---	---	PAINT	---	---	PAINT	---	Ex. 1hr	DOOR COLOUR: P2, FRAME COLOUR P3 *
165b	EXISTING	---	---	PAINT	---	---	PAINT	---	Ex. 1hr	DOOR COLOUR: P2, FRAME COLOUR P3 *
165c	EXISTING	---	---	PAINT	---	---	PAINT	---	Ex. 1hr	DOOR COLOUR: P2, FRAME COLOUR P3 *
225a	EXISTING	---	---	PAINT	---	---	PAINT	---	Ex. 1hr	DOOR COLOUR: P2, FRAME COLOUR P3 *
225b	EXISTING	---	---	PAINT	---	---	PAINT	---	Ex. 1hr	DOOR COLOUR: P2, FRAME COLOUR P3 *

\* PAINT CORRIDOR SIDE OF DOOR AND FRAME TO MATCH EXISTING COLOUR SCHEME. REFER TO SPECIFICATION FOR COLOUR SELECTION

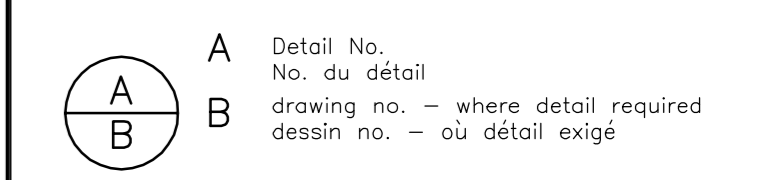
**ROOM FINISH SCHEDULE**

NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	COMMENTS		
				NORTH	EAST	SOUTH	WEST				
115	LABORATORY	MATERIAL	EXIST. CONC.	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	MATERIAL	T-BAR	PATCH AND MAKE GOOD WALLS AND FLOORS TO RECEIVE NEW FINISHES TO MANUFACTURERS REQUIREMENTS. **	
		FINISH	FS 1	FS 1	PAINT	PAINT	PAINT	PAINT	FINISH		N/A
		COLOUR	F 1	F 1	P 1	P 1	P 1	P 1	P 1		HEIGHT
117	CORRIDOR	MATERIAL	EXIST. CONC.	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	MATERIAL	EX. T-BAR	PATCH AND PAINT WALL SURFACES IN THE SAME PLANE UP TO NEAREST INTERNAL AND/OR EXTERNAL CORNER. REPLACE BASE ON REPAINTED WALLS IN THE SAME PLANE AS PAINT.	
		FINISH	---	RB	---	---	---	---	FINISH		---
		COLOUR	---	*	---	---	---	---	---		HEIGHT
152	CORRIDOR	MATERIAL	EXIST. CONC.	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	MATERIAL	EX. T-BAR	PATCH AND PAINT WALL SURFACES IN THE SAME PLANE UP TO NEAREST INTERNAL AND/OR EXTERNAL CORNER. REPLACE BASE ON REPAINTED WALLS IN THE SAME PLANE AS PAINT.	
		FINISH	---	RB	---	---	---	---	FINISH		---
		COLOUR	---	*	---	---	---	---	---		HEIGHT
164	LINK CORRIDOR	MATERIAL	EXIST. CONC.	EX. GWB	EX. GWB	EX. GWB	EX. GWB	MATERIAL	EX. GWB	PATCH AND MAKE GOOD WALLS AND FLOORS TO RECEIVE NEW FINISHES TO MANUFACTURERS REQUIREMENTS. **	
		FINISH	FS 1	FS 1	PAINT	PAINT	PAINT	PAINT	FINISH		PAINT
		COLOUR	F 1	F 1	P 1	P 1	P 1	P 1	P 1		HEIGHT
165	LABORATORY	MATERIAL	EXIST. CONC.	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	MATERIAL	T-BAR	PATCH AND MAKE GOOD WALLS AND FLOORS TO RECEIVE NEW FINISHES TO MANUFACTURERS REQUIREMENTS. **	
		FINISH	FS 1	FS 1	PAINT	PAINT	PAINT	PAINT	FINISH		N/A
		COLOUR	F 1	F 1	P 1	P 1	P 1	P 1	P 1		HEIGHT
165a	LABORATORY	MATERIAL	EXIST. CONC.	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	MATERIAL	T-BAR	PATCH AND MAKE GOOD WALLS AND FLOORS TO RECEIVE NEW FINISHES TO MANUFACTURERS REQUIREMENTS. **	
		FINISH	FS 1	FS 1	PAINT	PAINT	PAINT	PAINT	FINISH		N/A
		COLOUR	F 1	F 1	P 1	P 1	P 1	P 1	P 1		HEIGHT
219	CORRIDOR	MATERIAL	EXIST. CONC.	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	MATERIAL	EX. T-BAR	PATCH AND PAINT WALL SURFACES IN THE SAME PLANE UP TO NEAREST INTERNAL AND/OR EXTERNAL CORNER. REPLACE BASE ON REPAINTED WALLS IN THE SAME PLANE AS PAINT.	
		FINISH	---	RB	---	---	---	---	FINISH		---
		COLOUR	---	*	---	---	---	---	---		HEIGHT
225	LABORATORY	MATERIAL	EXIST. CONC.	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	MATERIAL	T-BAR	PATCH AND MAKE GOOD WALLS AND FLOORS TO RECEIVE NEW FINISHES. GRIND SMOOTH BLOCK TO REMOVE GROUT AND ADHESIVE FROM REMOVED TILES. **	
		FINISH	FS 1	FS 1	PAINT	PAINT	PAINT	PAINT	FINISH		N/A
		COLOUR	F 1	F 1	P 1	P 1	P 1	P 1	P 1		HEIGHT
1/2	MULTI LEVEL MECHANICAL ROOM	MATERIAL	EXIST. CONC.	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	EXIST. BLOCK	MATERIAL	N/A	PATCH AND MAKE GOOD WALLS INTO LABORATORIES. ENSURE FIRE SEPARATIONS ARE MAINTAINED.	
		FINISH	FS 1	---	---	---	---	---	FINISH		N/A
		COLOUR	F 1	---	---	---	---	---	---		HEIGHT

\* MATERIAL AND COLOUR TO MATCH EXISTING SCHEME.  
 \*\* ALL PAINT AND FLOORING MATERIALS TO BE INSTALLED PRIOR TO INSTALLATION OF SYSTEM FURNITURE AND FUMEHOODS. REFER TO SPECIFICATION FOR COLOUR SELECTION

revision	description	date
2	ISSUED FOR TENDER	2015/05/29
1	ISSUED FOR REVIEW	2015/04/17

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the engineer of all discrepancies.



project title  
 titre du projet  
**TORONTO HEALTH CANADA** Ontario  
 2301 MIDLAND AVE  
**LABORATORY UPGRADES**

drawing title  
 titre du dessin  
**SITE PLAN AND SCHEDULES**

drawn by  
 dessiné par **MF**

designed by  
 conc par **DM**

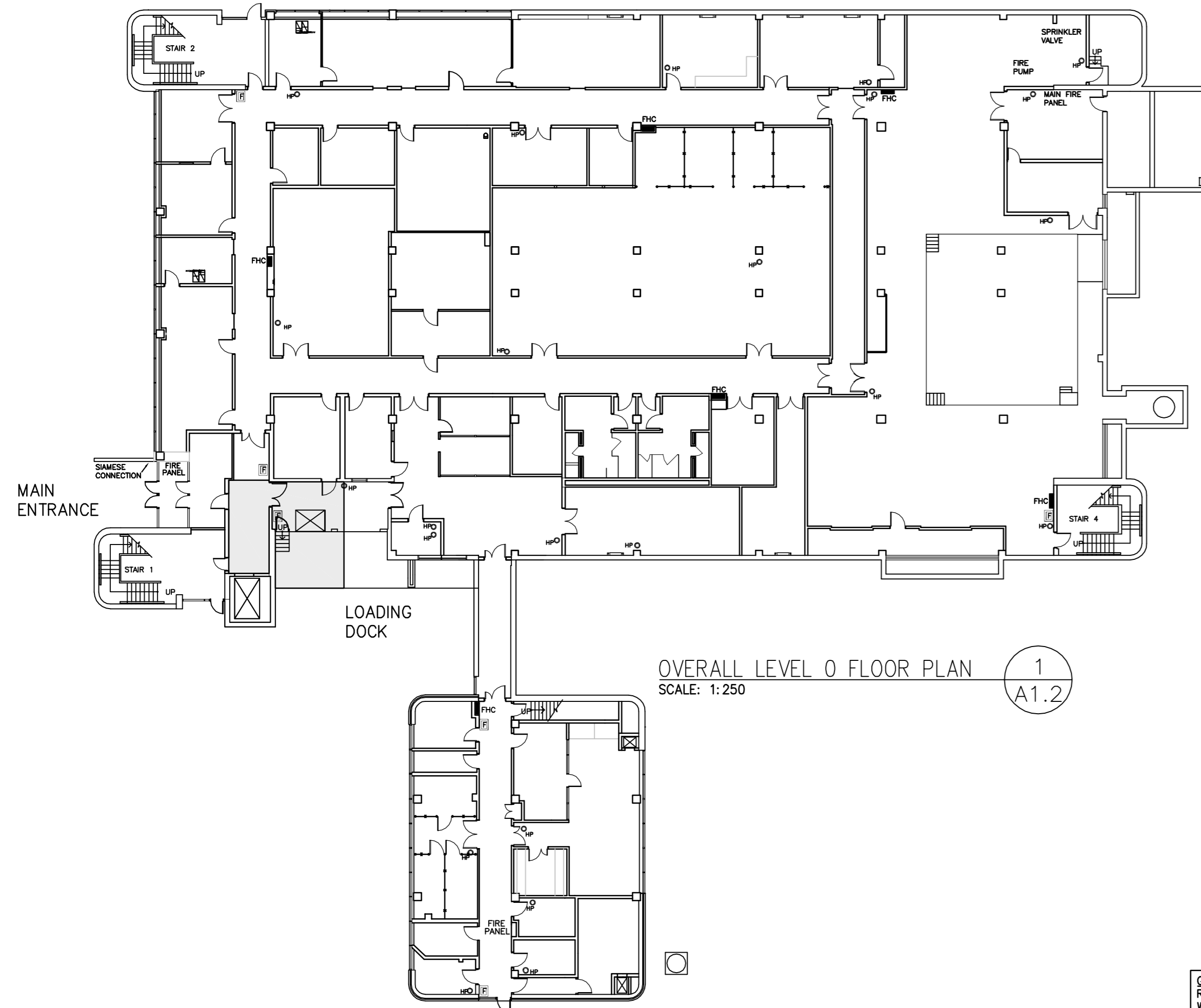
approved by  
 approuvé par

tender submission  
 soumission **AQUIL ALI** project manager  
 administrateur de projets

project date  
 date du projet **2013/3/28**

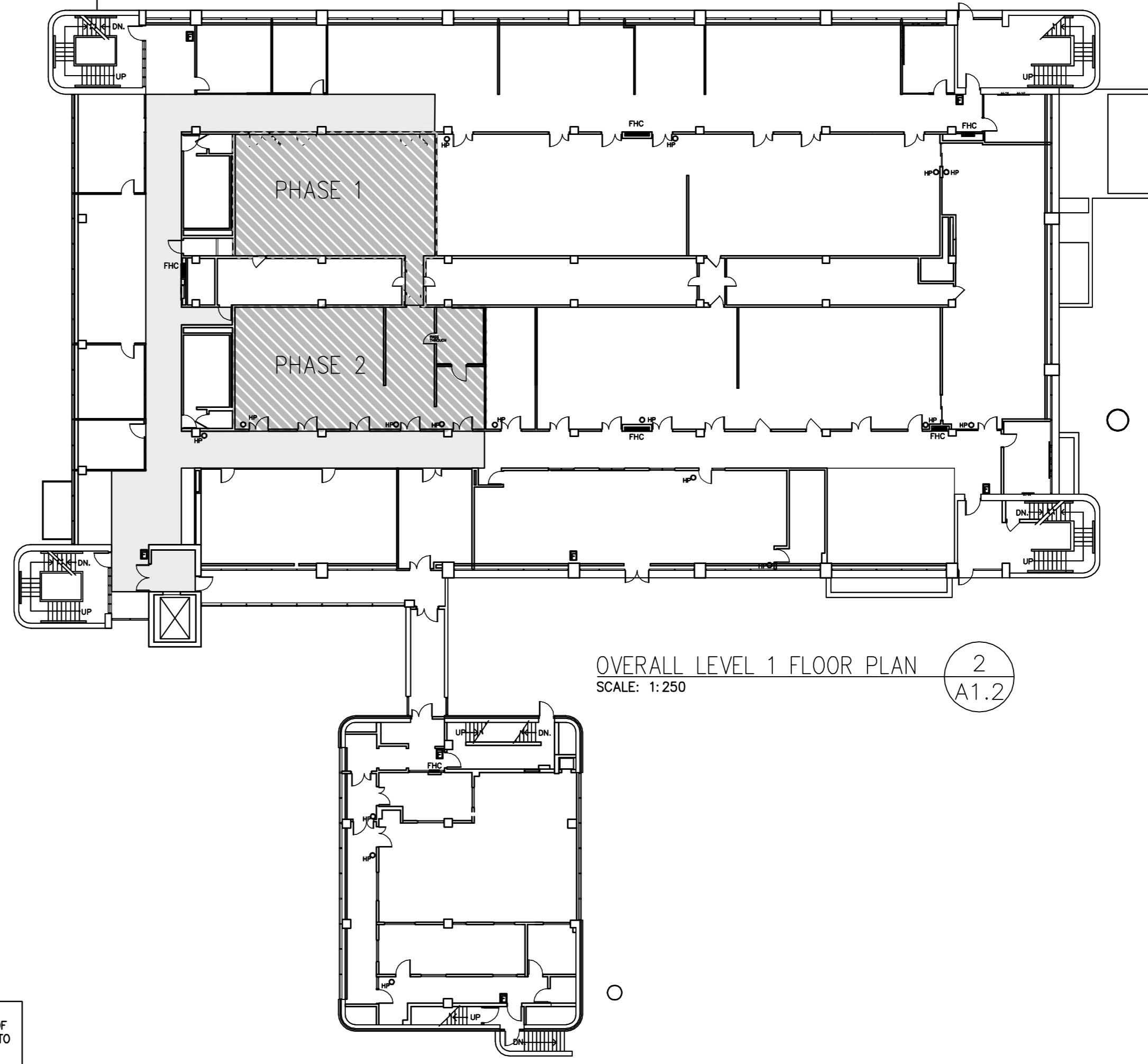
project no.  
 no. du projet **R.054345.001**

drawing no.  
 dessin no. **A1.1**



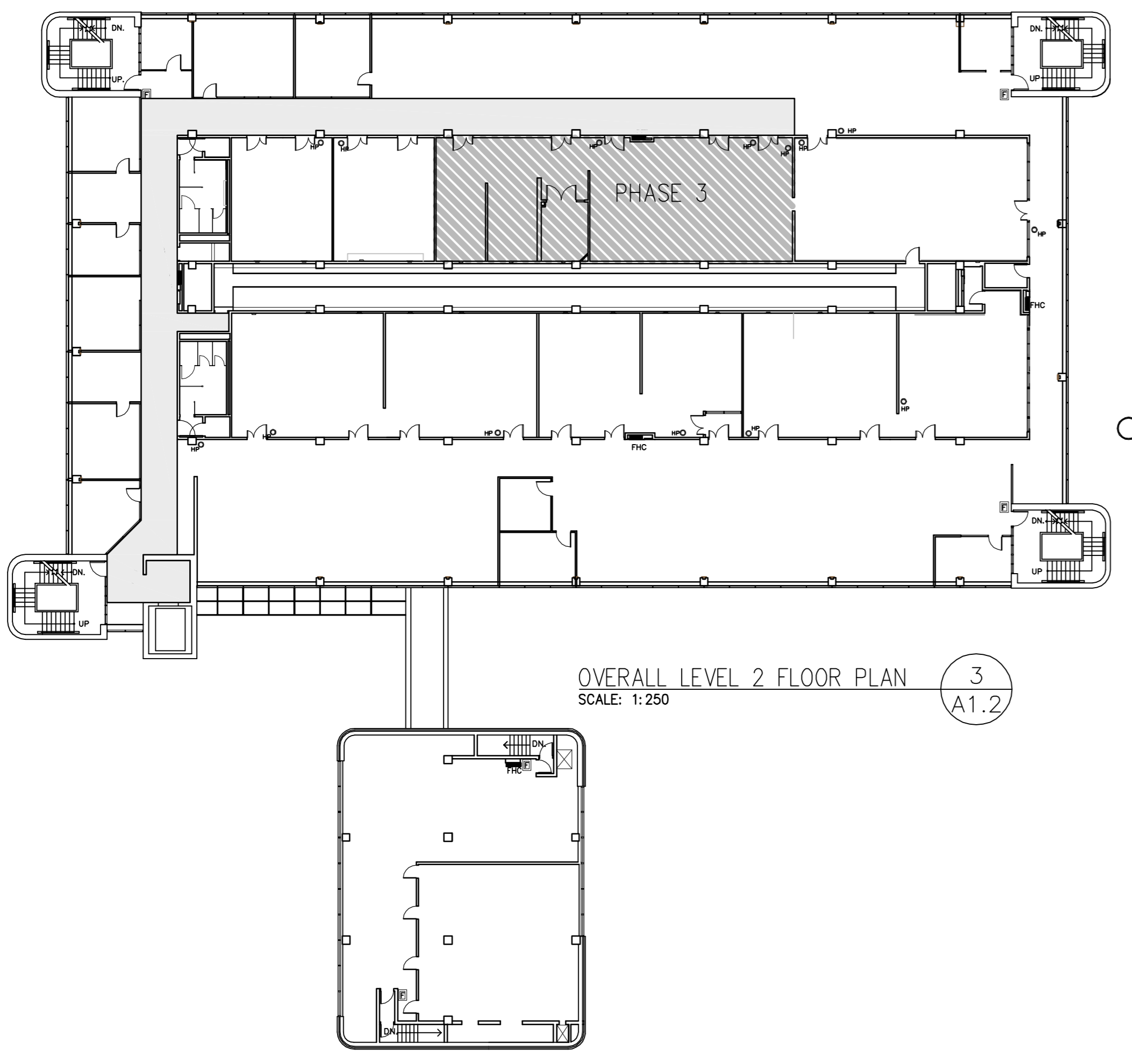
OVERALL LEVEL 0 FLOOR PLAN  
SCALE: 1:250

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A1.2



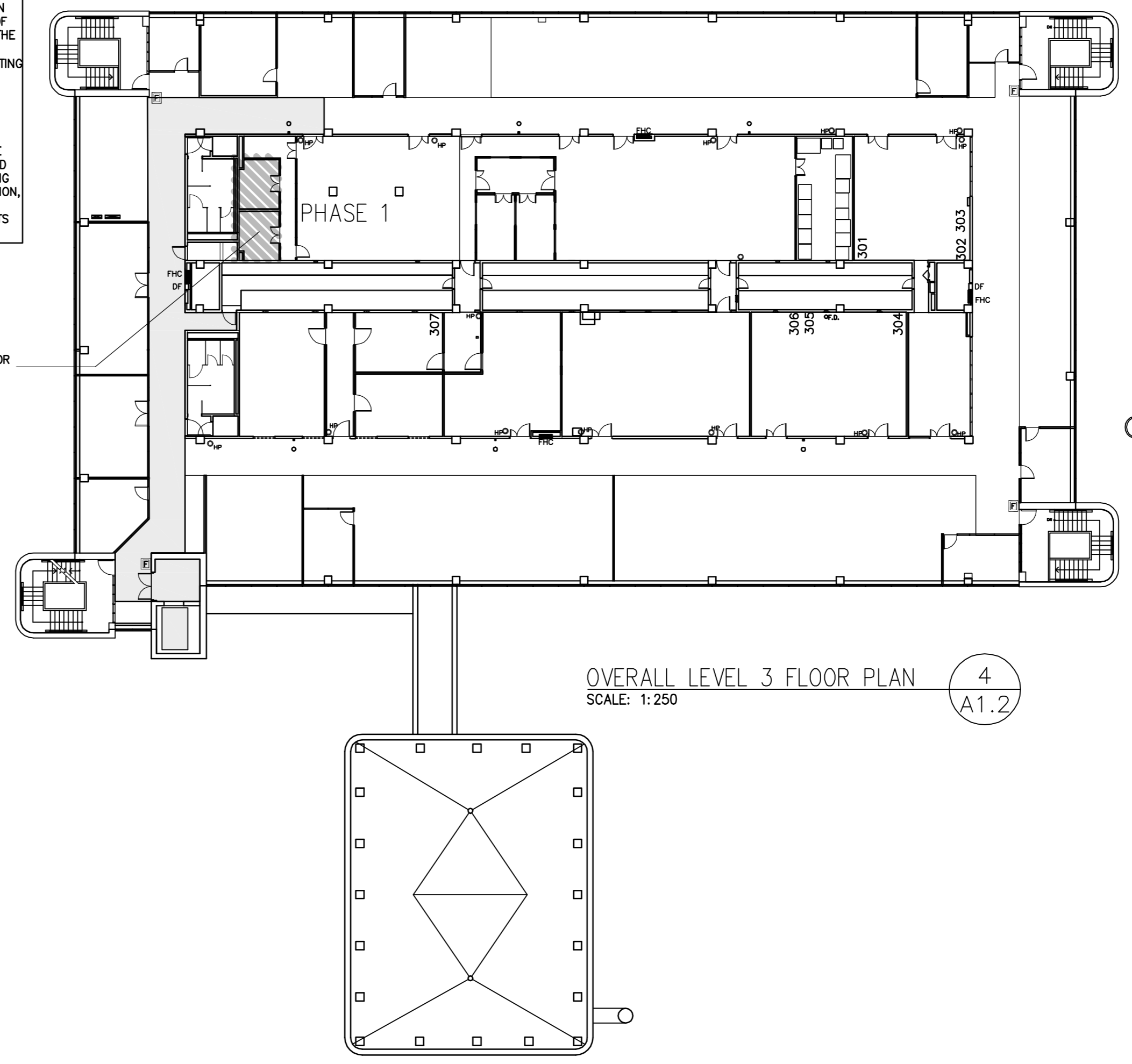
OVERALL LEVEL 1 FLOOR PLAN  
SCALE: 1:250

2  
A1.2



OVERALL LEVEL 2 FLOOR PLAN  
SCALE: 1:250

3  
A1.2




OVERALL LEVEL 3 FLOOR PLAN  
SCALE: 1:250

4  
A1.2

GENERAL NOTE:  
RESTRICT ACCESS TO THE PLACES OF WORK AND THE SERVICE ELEVATOR TO THOSE AREAS SHOWN SHADED. EXIT ROUTES TO BE MAINTAINED AT ALL TIMES. MAINTAIN SHADED AREAS IN CLEAR AND CLEAN CONDITION AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION. BEFORE MOBILIZATION ON THE SITE, CONDUCT A SURVEY OF RESTRICTED AREAS OF ACCESS TO THE WORK (SHOWN SHADED). DOCUMENT AND CONFIRM IN WRITING ANY EXISTING DAMAGE TO SURFACES/MATERIALS /FINISHES/EQUIPMENT WITHIN THE SHADED AREAS. ASSUME FULL RESPONSIBILITY FOR PROTECTING EXISTING SURFACES/MATERIALS /FINISHES/EQUIPMENT FROM DAMAGE BEFORE AND DURING DEMOLITION AND CONSTRUCTION. APART FROM EXISTING DAMAGE NOTED PRIOR TO MOBILIZATION, REPAIR ANY DAMAGE WITHIN THE SHADED AREAS TO THE CONSULTANTS SATISFACTION.

REFER TO MECHANICAL DRAWINGS FOR SCOPE OF WORK ON LEVEL 3

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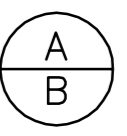
  
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	A	Detail No.
	B	No. du détail
		drawing no. - where detail required
		dessin no. - où détail exigé

project title  
titre du projet  
**TORONTO HEALTH CANADA**  
2301 MIDLAND AVE  
Ontario  
**LABORATORY UPGRADES**

drawing title  
titre du dessin  
**CONSTRUCTION ACCESS ROUTING**

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dessiné par  
**MF**

designed by  
conçue par  
**DM**

approved by  
approuvée par

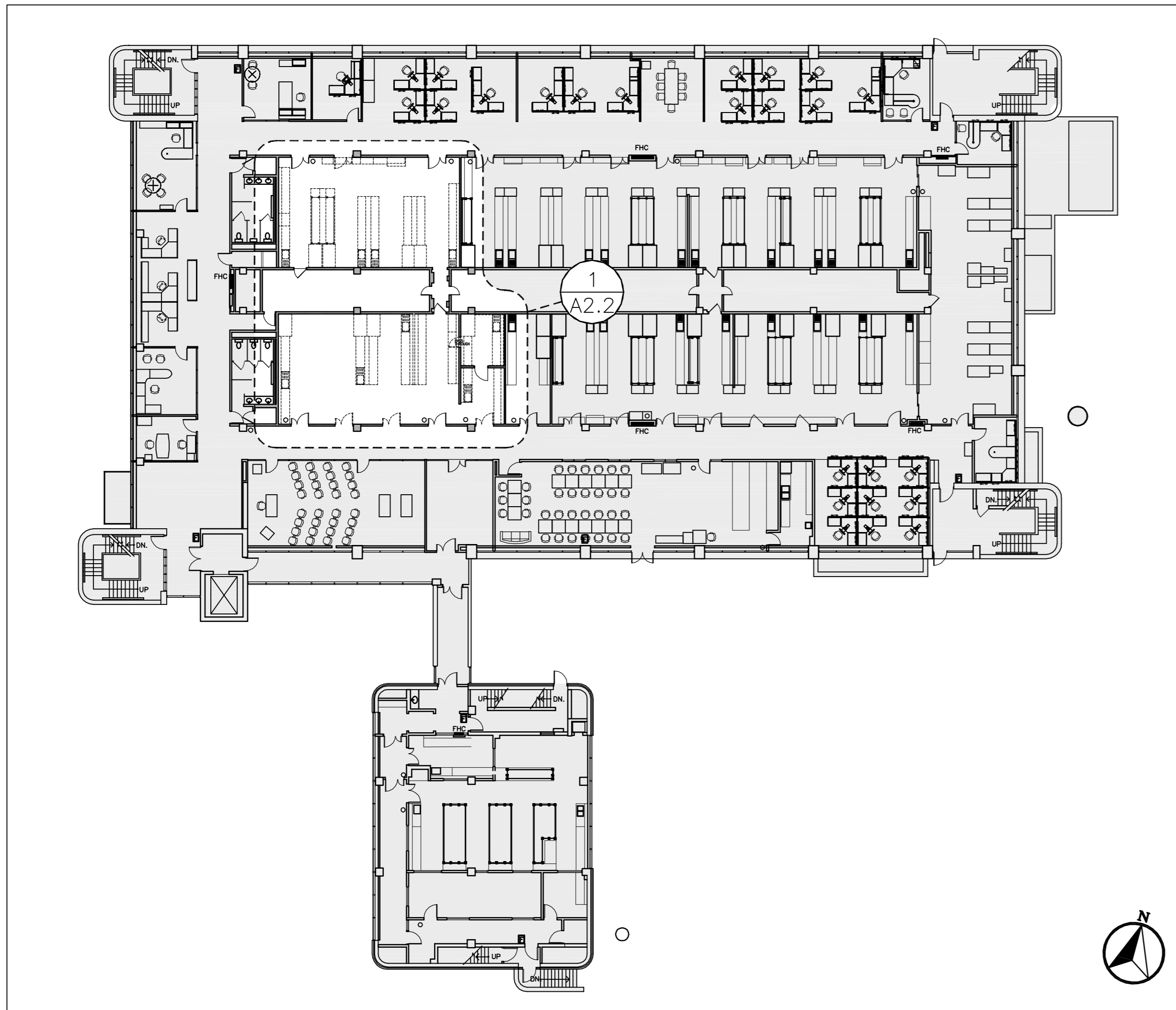
tender  
soutmission  
**AQUIL ALI**

project manager  
administrateur de projets

project date  
date du projet  
**2013/3/28**

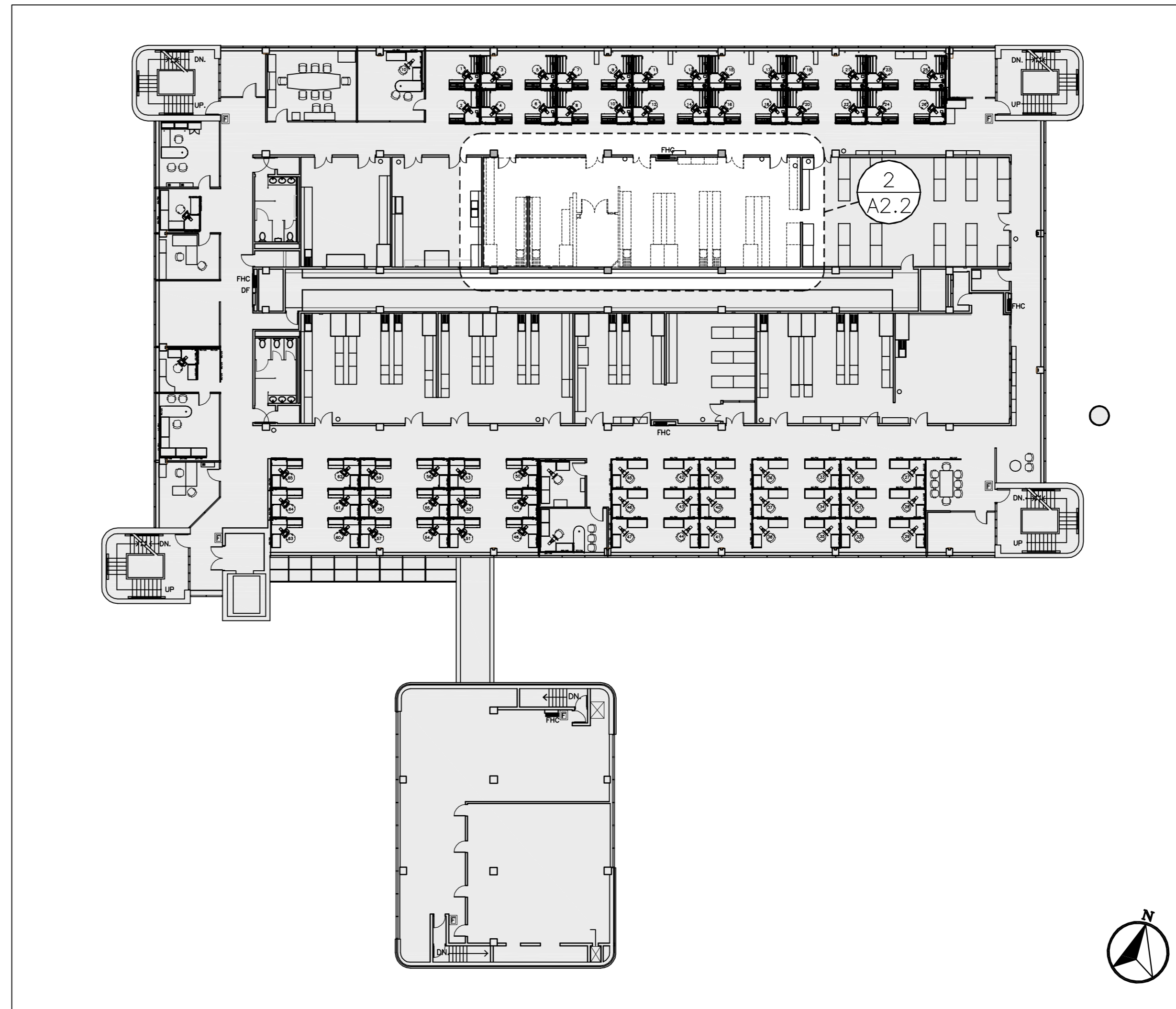
project no.  
no. du projet  
**R.054345.001**

drawing no.  
dessiné no.  
**A1.2**



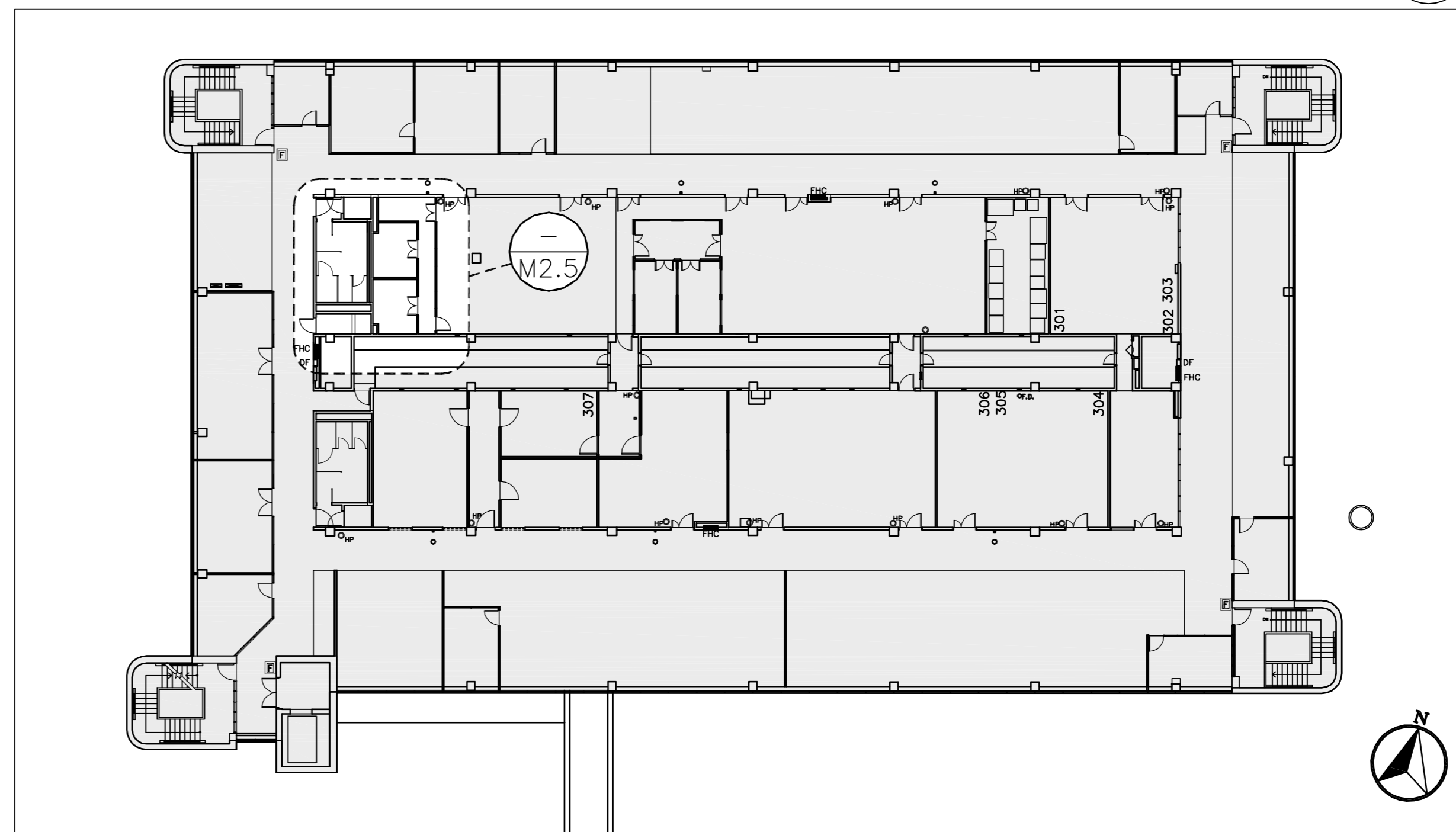
OVERALL LEVEL 1 FLOOR PLAN  
SCALE: 1:250

1  
A2.1



OVERALL LEVEL 2 FLOOR PLAN  
SCALE: 1:250

2  
A2.2



OVERALL LEVEL 3 FLOOR PLAN  
SCALE: 1:250

3  
A2.1

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HEALTH CANADA  
2301 MIDLAND AVE

LABORATORY UPGRADES

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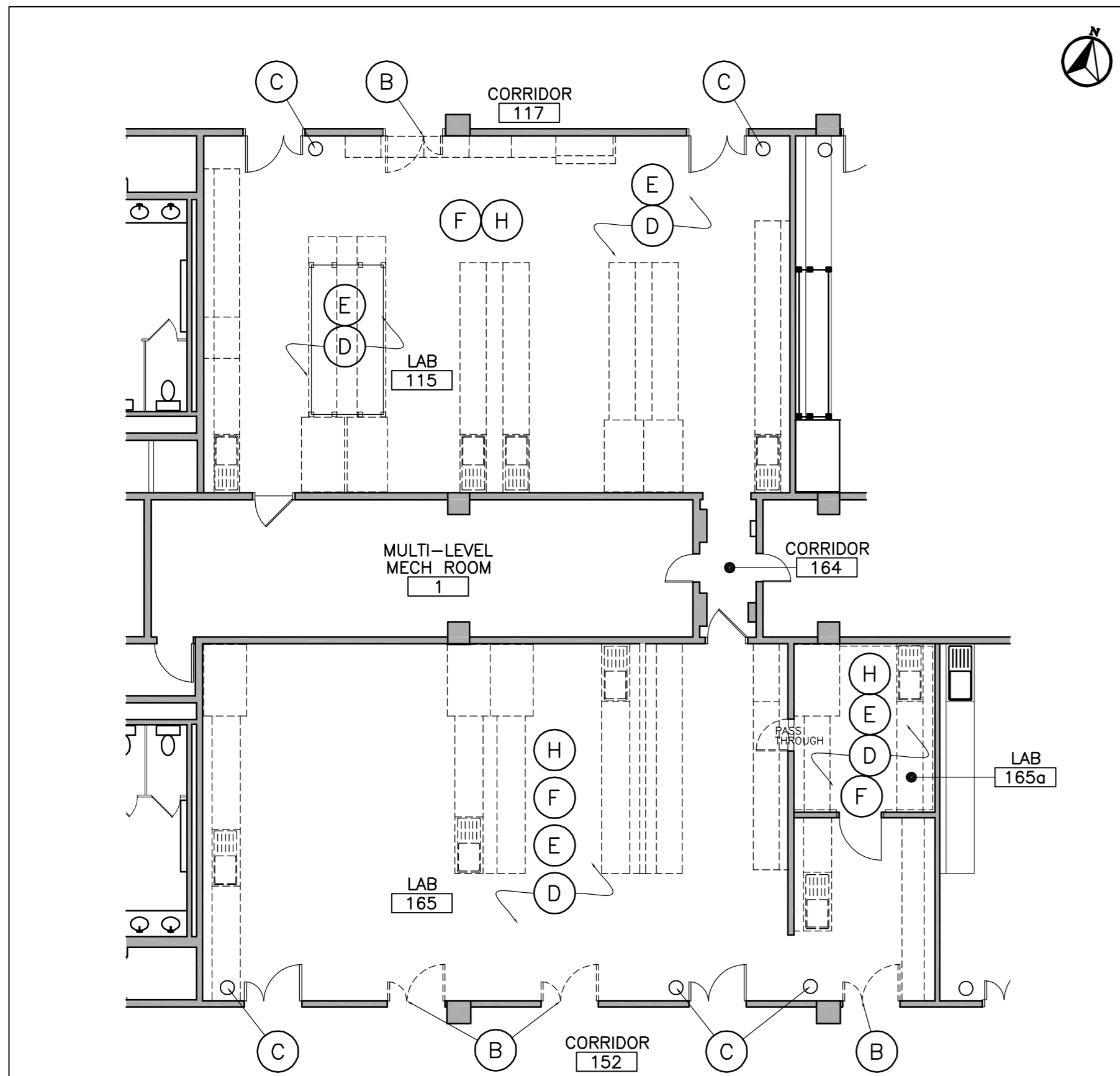
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tender  
soumission AQUIL ALI project manager  
administrateur de projets

project date  
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drawing no.  
dessiné no. A2.1

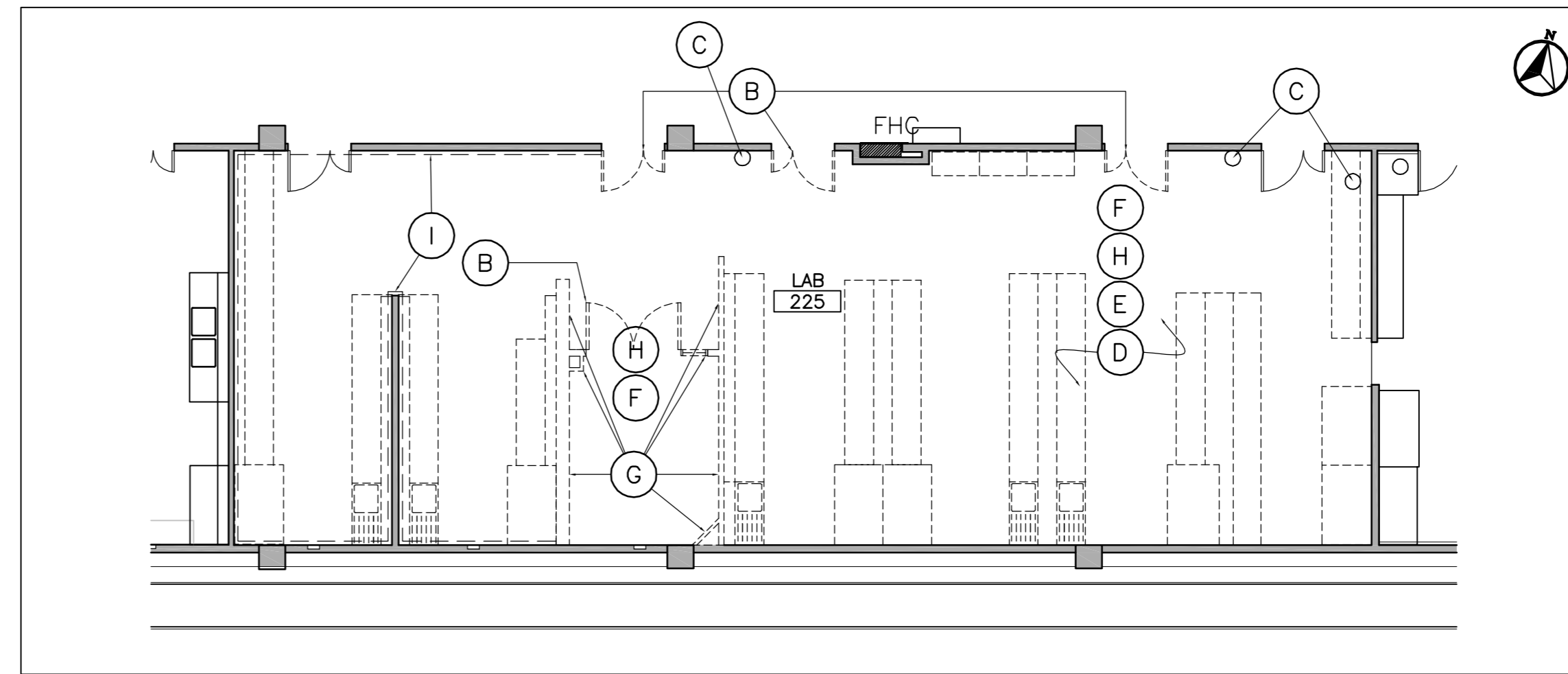


PARTIAL LEVEL 1 FLOOR DEMOLITION PLAN  
SCALE: 1:100

1  
A2.2

GENERAL DEMOLITION NOTES

1. THE BUILDING WILL REMAIN OCCUPIED DURING ALL DEMOLITION AND CONSTRUCTION. PROVIDE TEMPORARY DUSTPROOF PARTITIONS TO MAINTAIN AN AIRTIGHT SEAL SEPARATING ALL AREAS OF WORK FROM OCCUPIED AREAS. ENSURE THAT OCCUPIED AREAS OF THE BUILDING REMAIN FREE FROM ANY DUST OR OTHER DEBRIS AS WELL AS NOISE, PRIOR TO AND DURING DEMOLITION AND CONSTRUCTION. ASSUME FULL RESPONSIBILITY FOR THE PROTECTION OF EXISTING EQUIPMENT AND/OR MATERIALS FROM DAMAGE DUE TO CONSTRUCTION AND/OR DEMOLITION OPERATIONS. DO NOT TRANSPORT DEMOLISHED MATERIALS THROUGH OCCUPIED AREAS OTHER THAN THOSE DENOTED. ALL NOISY WORK IS TO BE DONE ON EVENINGS AND WEEKENDS. CONTRACTOR TO CLEAN ALL AREAS OF WORK PRIOR TO TURNOVER OF SPACE BACK TO THE CLIENT AND ON A DAILY BASIS.
2. UNLESS NOTED OTHERWISE, ALL REMOVED AND DEMOLITION MATERIALS ARE TO BE REMOVED FROM SITE AND DISPOSED OF IN AN APPROVED MANNER. COORDINATE WITH OWNER EXACT LOCATIONS OF DUMPSTER(S) AND STORAGE OF RE-USED EQUIPMENT AND/OR MATERIALS, PRIOR TO PLACEMENT.
3. WHERE EXISTING GROUNDS AND BUILDINGS ARE AFFECTED BY WORK OF CONTRACT (INCLUDING, BUT NOT LIMITED TO SUPPLY AND REMOVAL OF DUMPSTERS, VEHICULAR TRAFFIC, ETC.), REINSTATE GRADE AND SOO c/w 4" TOPSOIL AND SOD AND CLEAN AND REINSTATE ALL EXISTING SURFACES OF BUILDING TO MATCH EXISTING. PROTECT ASPHALT AT ALL TIMES DURING CONSTRUCTION AND DEMOLITION. RECTIFY ANY AND ALL DAMAGE TO ASPHALT AT NO COST TO OWNER.
4. ALL SALVAGEABLE MATERIALS AND/OR EQUIPMENT, FURNISHINGS, ETC FROM DEMOLITION OPERATIONS TO REMAIN PROPERTY OF OWNER AS DENOTED ON DRAWINGS. CO-ORDINATE WITH OWNER ITEMS TO BE REMOVED OFF SITE AND ITEMS TO BE RE-USED, RELOCATED AND WHERE THEY ARE TO BE TEMPORARILY STORED. (REFER TO NOTE NO.2)
5. WHERE SMOKE DETECTORS, HEAT DETECTORS, EXIT LIGHTS, EMERGENCY BATTERY BACK UP LIGHTING AND OTHER FIRE ALARM COMPONENTS ARE TO REMAIN OR REMOVED AND REINSTALLED, CONTRACTOR TO MAKE PROVISIONS TO ENSURE ALL COMPONENTS ARE PROTECTED FROM DAMAGE THAT MAY OCCUR DURING THE CONSTRUCTION PHASE (I.E. DUST CONTROL, ETC.) AND THAT THEY ARE FULLY FUNCTIONAL BEFORE TURN OVER TO THE OWNER FOR USE DURING NORMAL WORKING HOURS, AND RECOMMISSIONED AT END OF PROJECT
6. DEMOLITION TYPES AND EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE APPROXIMATE ONLY, INTENDED AS A GENERAL INDICATION OF SITE CONDITIONS. SITE VERIFY AND ASSUME RESPONSIBILITY FOR ALL EXISTING CONDITIONS PRIOR TO STARTING WORK.



PARTIAL LEVEL 2 FLOOR DEMOLITION PLAN  
SCALE: 1:100

2  
A2.2

DEMOLITION NOTES:

- (A) MAINTAIN STRUCTURAL INTEGRITY AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION. TYPICAL UNLESS NOTED OTHERWISE.
- (B) REMOVE AND DISPOSE OF DOOR AND FRAME IN ITS ENTIRETY. PATCH AND MAKE GOOD EXISTING TO RECEIVE NEW CONCRETE BLOCK.
- (C) REMOVE FIRE EXTINGUISHERS AND TURN OVER TO OWNER. PATCH AND MAKE GOOD WALL AS REQUIRED TO RECEIVE NEW PAINT.
- (D) REMOVE AND DISPOSE OF ALL WORK BENCHES AND CABINETS IN THEIR ENTIRETY.
- (E) REMOVE AND DISPOSE ALL EXISTING EQUIPMENT LEFT IN AREAS OF RENOVATIONS. CONFIRM WITH OWNER PRIOR TO DISPOSAL.
- (F) REMOVE EXISTING FLOORING. PATCH AND MAKE GOOD SURFACE TO RECEIVE NEW FINISHES TO MANUFACTURERS SPECIFICATIONS AND BEST PRACTICES.
- (G) REMOVE ALL WALLS FROM FLOOR TO DECK TO EXTENT SHOWN. PATCH AND MAKE GOOD SURFACES TO RECEIVE NEW FINISHES.
- (H) REMOVE ALL CEILING TILES, T-BAR, DRYWALL CEILINGS IN THEIR ENTIRETY. REMOVE AND DISPOSE LIGHT FIXTURES AND HVAC DIFFUSERS. REFER TO MECHANICAL & ELECTRICAL DRAWINGS.
- (I) REMOVE ALL TILES OFF WALLS. GRIND SMOOTH FACE OF BLOCK TO REMOVE GROUT AND ADHESIVE AS REQUIRED. PATCH AND MAKE GOOD EXISTING WALLS TO RECEIVE NEW PAINT.



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2	ISSUED FOR TENDER	2015/05/29
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A	Detail No.
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project title  
titre du projet  
TORONTO Ontario  
HEALTH CANADA  
2301 MIDLAND AVE

LABORATORY UPGRADES

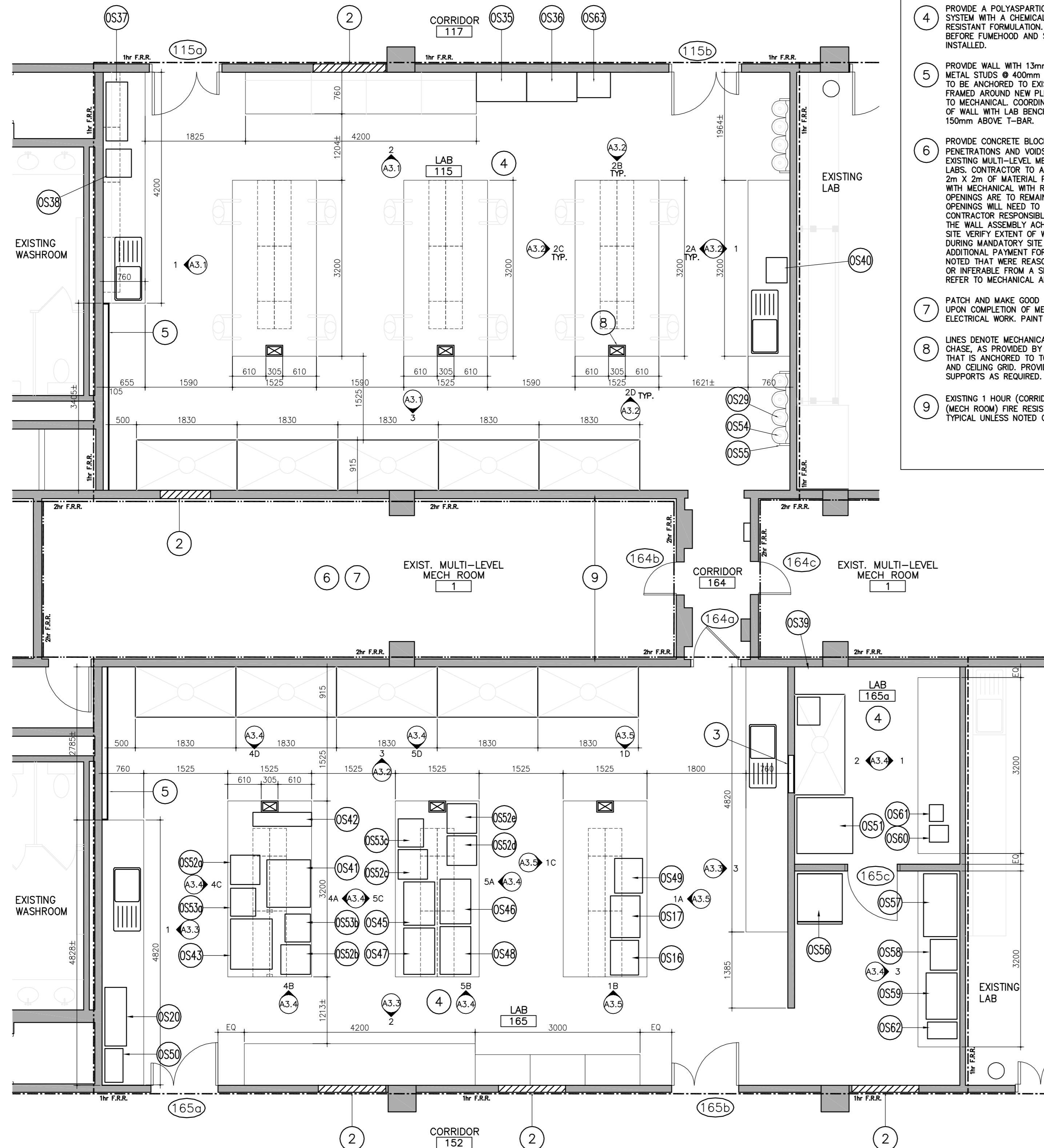
drawing title  
titre du dessin  
DEMOLITION PLANS

drawn by dessiné par	MF
designed by conc par	DM
approved by approuvé par	
tender soutmission	AQUIL ALI
project manager administrateur de projets	

project date  
date du projet  
2013/3/28

project no.  
no. du projet  
R.054345.001

drawing no.  
dessiné no.  
A2.2



**CONSTRUCTION NOTES:**

- 1 MAINTAIN STRUCTURAL INTEGRITY AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION. TYPICAL UNLESS NOTED OTHERWISE.
- 2 PROVIDE CONCRETE BLOCK TO INFILL DOOR OPENINGS. CONFIRM EXACT SIZE, THICKNESS AND PROFILE OF EXISTING ADJACENT AND MATCH NEW BLOCK TO IT PRIOR TO INSTALLATION. PAINT BLOCK TO MATCH EXISTING ADJACENT. MAINTAIN EXISTING F.R.R.
- 3 INFILL OPENING IN WALL WITH 13mm GWB BOTH SIDES ON METAL STUDS @ 400mm O.C. WIDTH OF STUDS/FURRING AS REQUIRED TO MATCH EXISTING ADJACENT WALL ASSEMBLY. PROVIDE BLOCKING FOR LAB FURNITURE IN NEW FRAMING.
- 4 PROVIDE A POLYSPARTIC URETHANE FLOOR SYSTEM WITH A CHEMICAL AND CORROSION RESISTANT FORMULATION. INSTALLATION TO BE BEFORE FUMEHOOD AND SYSTEM FURNITURE INSTALLED.
- 5 PROVIDE WALL WITH 13mm GWB ON 92mm METAL STUDS @ 400mm O.C. METAL STUDS TO BE ANCHORED TO EXISTING WALL AND FRAMED AROUND NEW PLUMBING LINE. REFER TO MECHANICAL. COORDINATE EXACT LENGTH OF WALL WITH LAB BENCH. WALL TO EXTEND 150mm ABOVE T-BAR.
- 6 PROVIDE CONCRETE BLOCK TO INFILL ALL PENETRATIONS AND VOIDS (NUMEROUS) THRU EXISTING MULTI-LEVEL MECHANICAL ROOM AND LABS. CONTRACTOR TO ASSUME A MINIMUM OF 2m x 2m OF MATERIAL PER LAB. COORDINATE WITH MECHANICAL WITH REGARDS TO WHICH OPENINGS ARE TO REMAIN AND WHICH OPENINGS WILL NEED TO BE FILLED IN. CONTRACTOR RESPONSIBLE TO ENSURE THAT THE WALL ASSEMBLY ACHIEVES A 1hr F.R.R. SITE VERIFY EXTENT OF WORK REQUIRED DURING MANDATORY SITE VISIT, AND NO ADDITIONAL PAYMENT FOR CONDITIONS NOT NOTED THAT WERE REASONABLY NOTICEABLE OR INFERRABLE FROM A SITE INSPECTION. REFER TO MECHANICAL AND ELECTRICAL.
- 7 PATCH AND MAKE GOOD CONCRETE FLOOR UPON COMPLETION OF MECHANICAL AND ELECTRICAL WORK. PAINT AS REQUIRED.
- 8 LINES DENOTE MECHANICAL AND ELECTRICAL CHASE, AS PROVIDED BY FURNITURE SUPPLIER, THAT IS ANCHORED TO TOP OF COUNTERTOP AND CEILING GRID. PROVIDE ALL ANCHORS AND SUPPORTS AS REQUIRED. TYPICAL U.N.O.
- 9 EXISTING 1 HOUR (CORRIDOR) AND 2 HOUR (MECH ROOM) FIRE RESISTANCE RATING. TYPICAL UNLESS NOTED OTHERWISE

**OWNER SUPPLIED EQUIPMENT:** (SUPPLIED AND INSTALLED BY OWNER)

- OS1 SMALL SONICATOR #387 18x10x16 (W"xD"xH")
- OS2 LARGE SONICATOR #100 23x18x15 (W"xD"xH")
- OS3 WATERBATH #2051 194 23x16x17 (W"xD"xH")
- OS4 BENCHTOP CENTRIFUGE #447 15.5x20x18 (W"xD"xH")
- OS5 FLOOR MODEL CENTRIFUGE # 447E 23x24x34 (W"xD"xH")
- OS6 STANDARDS FRIDGE #445 55x32x80 (W"xD"xH")
- OS7 STANDARDS FREEZER #474 28x36x80 (W"xD"xH")
- OS8 SOLUTIONS FRIDGE #304 30x32x65 (W"xD"xH")
- OS9 COULOMETER WITH BALANCE OCCUPIES FULL FUMEHOOD
- OS10 KARL C/V AND OVEN ENCLOSURE 50x25x39 (W"xD"xH")
- OS11 OVEN 1 #189 24x23x39 (W"xD"xH")
- OS12 OVEN 2 #183 24x23x39 (W"xD"xH")
- OS13 VACUUM OVEN #205 18x21x26 (W"xD"xH")
- OS14 VACUUM OVEN 1 #383 25x23x22 (W"xD"xH")
- OS15 VACUUM OVEN 2 #236 18x21x26 (W"xD"xH")
- OS16 DISSOLUTION APPARATUS #38 25x20x39 (W"xD"xH")
- OS17 DISSOLUTION AUTOSAMPLER 30x21x16 (W"xD"xH")
- OS18 N/A
- OS19 TOPLOADING BALANCE ON BENCHTOP MARBLE BLOCK 36x17.5x6 (W"xD"xH")
- OS20 WRIST ACTION SHAKER #439 42x15.5x13.5 (W"xD"xH")
- OS21 HORIZONTAL/ORBITAL SHAKERS X 2 #357.374 20x18x12 (W"xD"xH")
- OS22 PURIFIED WATER (REQUIRES DEIONISED WATER PORT) #478 16x15x27 (W"xD"xH")
- OS23 PURIFIED WATER SYSTEM (REQUIRES TAP WATER PORT) #484 18x19x25 (W"xD"xH")
- OS24 SAMPLE CABINET 1 36x18x78 (W"xD"xH")
- OS25 SAMPLE CABINET 2 36x18x78 (W"xD"xH")
- OS26 STANDARDS DRAWER CABINET 36x18x56 (W"xD"xH")
- OS27 REAGENT CABINET 48x22x84 (W"xD"xH")
- OS28 SUPPLIES CABINET 48x22x84 (W"xD"xH")
- OS29 COMPRESSED GAS TANK 13x13x55 (W"xD"xH")
- OS30 LOCATION NOT YET ASSIGNED
- OS31 MICRO BALANCE ON MARBLE TABLE 35x24x30 (W"xD"xH")
- OS32 ANALYTICAL BALANCE ON MARBLE TABLE 35x24x31 (W"xD"xH")
- OS33 EVAPORATOR #457 21x14x11 (W"xD"xH")
- OS34 N/A
- OS35 SEMI-MICRO BALANCE ON MARBLE TABLE #227 36x21x46 (W"xD"xH")
- OS36 MICRO BALANCE ON MARBLE TABLE #368 36x21x46 (W"xD"xH")
- OS37 HORIZONTAL SHAKER 1 #373 20x18x12 (W"xD"xH")
- OS38 WRIST ACTION SHAKER #441 42x15.5x13.5 (W"xD"xH")
- OS39 KF VOLUMETRIC #82 16x20x19 (W"xD"xH")
- OS40 PURIFIED WATER (REQUIRES DEIONISED WATER PORT) #479 16x15x27 (W"xD"xH")
- OS41 UPLC-MS-MS #424 AND COMPONENTS 31x34x36 (W"xD"xH")
- OS42 UPS 10x82x17 (W"xD"xH")
- OS43 GC-MS 1 #215 & PUMP SYSTEM ON UPS 36x30x35 (W"xD"xH")
- OS44 GC-MS 2 #414 & PUMP SYSTEM 40x27x48 (W"xD"xH")
- OS45 HPLC 1 31x22x25 (W"xD"xH")
- OS46 HPLC 2 32x22x25 (W"xD"xH")
- OS47 HPLC 3 33x22x25 (W"xD"xH")
- OS48 HPLC 4 34x22x25 (W"xD"xH")
- OS49 DISSOLUTION APPARATUS #156 25x20x39 (W"xD"xH")
- OS50 DISINTEGRATION APPARATUS 24x13x20 (W"xD"xH")
- OS51 CONDOM TESTER 40x40x60 (W"xD"xH")
- OS52 COMPUTER 21x21x17 (W"xD"xH")
- OS53 COMPUTER 21x21x17 (W"xD"xH")
- OS54 COMPUTER 21x21x17 (W"xD"xH")
- OS55 COMPUTER 21x21x17 (W"xD"xH")
- OS56 COMPUTER 21x21x17 (W"xD"xH")
- OS57 COMPUTER 21x21x17 (W"xD"xH")
- OS58 PRINTER 20x18x18 (W"xD"xH")
- OS59 PRINTER 20x18x18 (W"xD"xH")
- OS60 PRINTER 20x18x18 (W"xD"xH")
- OS61 COMPRESSED GAS TANK 13x13x55 (W"xD"xH")
- OS62 COMPRESSED GAS TANK STAND FOR 4 TANKS 60x13x55 (W"xD"xH")
- OS63 STANDARDS FRIDGE/FREEZER 32x36x80 (W"xD"xH")
- OS64 VACUUM OVEN #384 45x24x22.5 (W"xD"xH")
- OS65 OVEN #139 22x19x29 (W"xD"xH")
- OS66 OVEN FOR DRYING GLASSWARE #140 33x22x33 (W"xD"xH")
- OS67 SONICATOR #386 12x10x16 (W"xD"xH")
- OS68 SONICATOR #134 12x13.5x16 (W"xD"xH")
- OS69 SONICATOR #135 12x13.5x16 (W"xD"xH")
- OS70 ANALYTICAL BALANCE ON MARBLE TABLE #226 24x18x16 (W"xD"xH")



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**TORONTO HEALTH CANADA** Ontario  
2301 MIDLAND AVE  
**LABORATORY UPGRADES**

drawing title  
titre du dessin  
**PARTIAL LEVEL 1 FLOOR PLAN**

drawn by  
dessiné par **MF**

designed by  
conc par **DM**

approved by  
approuvé par

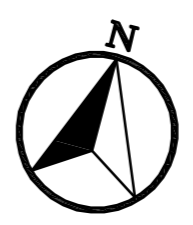
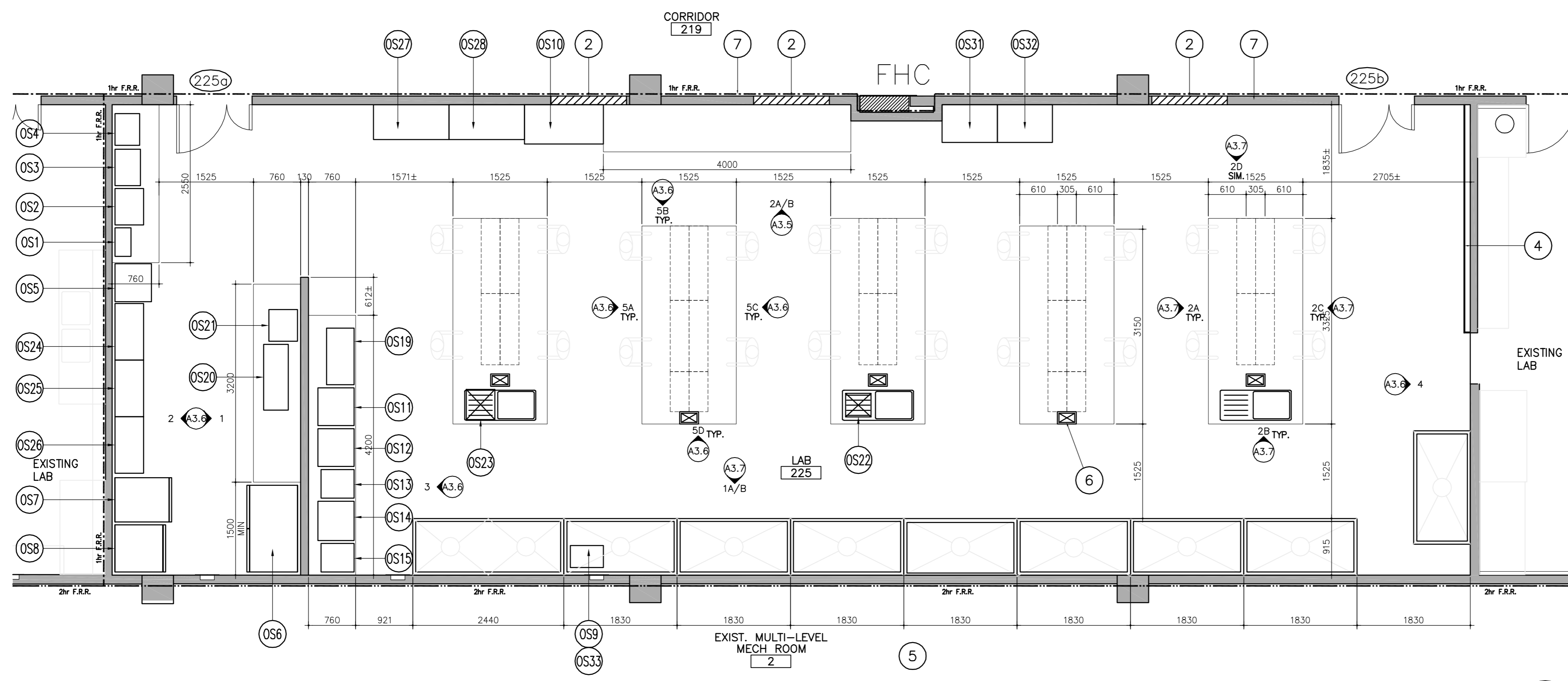
tender submission  
sournmission **AQUIL ALI** project manager  
administrateur de projets

project date  
date du projet **2013/3/28**

project no.  
no. du projet **R.054345.001**

drawing no.  
dessiné no. **A2.3**

PARTIAL LEVEL 1 FLOOR PLAN 1  
SCALE: 1:50 A2.3



- CONSTRUCTION NOTES:**
- 1 MAINTAIN STRUCTURAL INTEGRITY AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION. TYPICAL UNLESS NOTED OTHERWISE.
  - 2 PROVIDE CONCRETE BLOCK TO INFILL DOOR OPENINGS. CONFIRM EXACT SIZE, THICKNESS AND PROFILE OF EXISTING ADJACENT AND MATCH NEW BLOCK TO IT PRIOR TO INSTALLATION. PAINT BLOCK TO MATCH EXISTING ADJACENT. MAINTAIN EXISTING F.R.R.
  - 3 PROVIDE A POLYASPARTIC URETHANE FLOOR SYSTEM WITH A CHEMICAL AND CORROSION RESISTANT FORMULATION. INSTALLATION TO BE BEFORE FUMEHOOD AND SYSTEM FURNITURE INSTALLED.
  - 4 PROVIDE WALL WITH 13mm GWB ON 92mm METAL STUDS @ 400mm O.C. METAL STUDS TO BE ANCHORED TO EXISTING WALL. REFER TO ELECTRICAL FOR PANEL INFORMATION. WALL TO EXTEND 150mm ABOVE T-BAR CEILING.
  - 5 PROVIDE CONCRETE BLOCK TO INFILL ALL PENETRATIONS AND VOIDS THRU EXISTING MULTI-LEVEL MECHANICAL ROOM. CONTRACTOR TO ASSUME A MINIMUM OF 2m X 2m OF MATERIAL PER LAB. COORDINATE WITH MECHANICAL WITH REGARDS TO WHICH OPENINGS ARE TO REMAIN AND WHICH OPENINGS WILL NEED TO BE FILLED IN. CONTRACTOR RESPONSIBLE TO ENSURE THAT THE WALL ASSEMBLY ACHIEVES REQUIRED F.R.R.
  - 6 LINES DENOTE MECHANICAL AND ELECTRICAL CHASE, AS PROVIDED BY FURNITURE SUPPLIER, THAT IS ANCHORED TO TOP OF COUNTERTOP AND CEILING GRID. PROVIDE ALL ANCHORS AND SUPPORTS AS REQUIRED. TYPICAL U.N.O.
  - 7 EXISTING 1 HOUR (CORRIDOR) AND 2 HOUR (MECH ROOM) FIRE RESISTANCE RATING. TYPICAL UNLESS NOTED OTHERWISE.

PARTIAL LEVEL 2 FLOOR PLAN 1  
SCALE: 1:50 A2.4

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	B	No. du détail
		drawing no. - where detail required
		dessin no. - où détail exigé

project title  
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HEALTH CANADA  
2301 MIDLAND AVE  
**LABORATORY UPGRADES**

drawing title  
titre du dessin  
**PARTIAL LEVEL 2 FLOOR PLAN**

drawn by  
dessiné par **MF**

designed by  
conç par **DM**

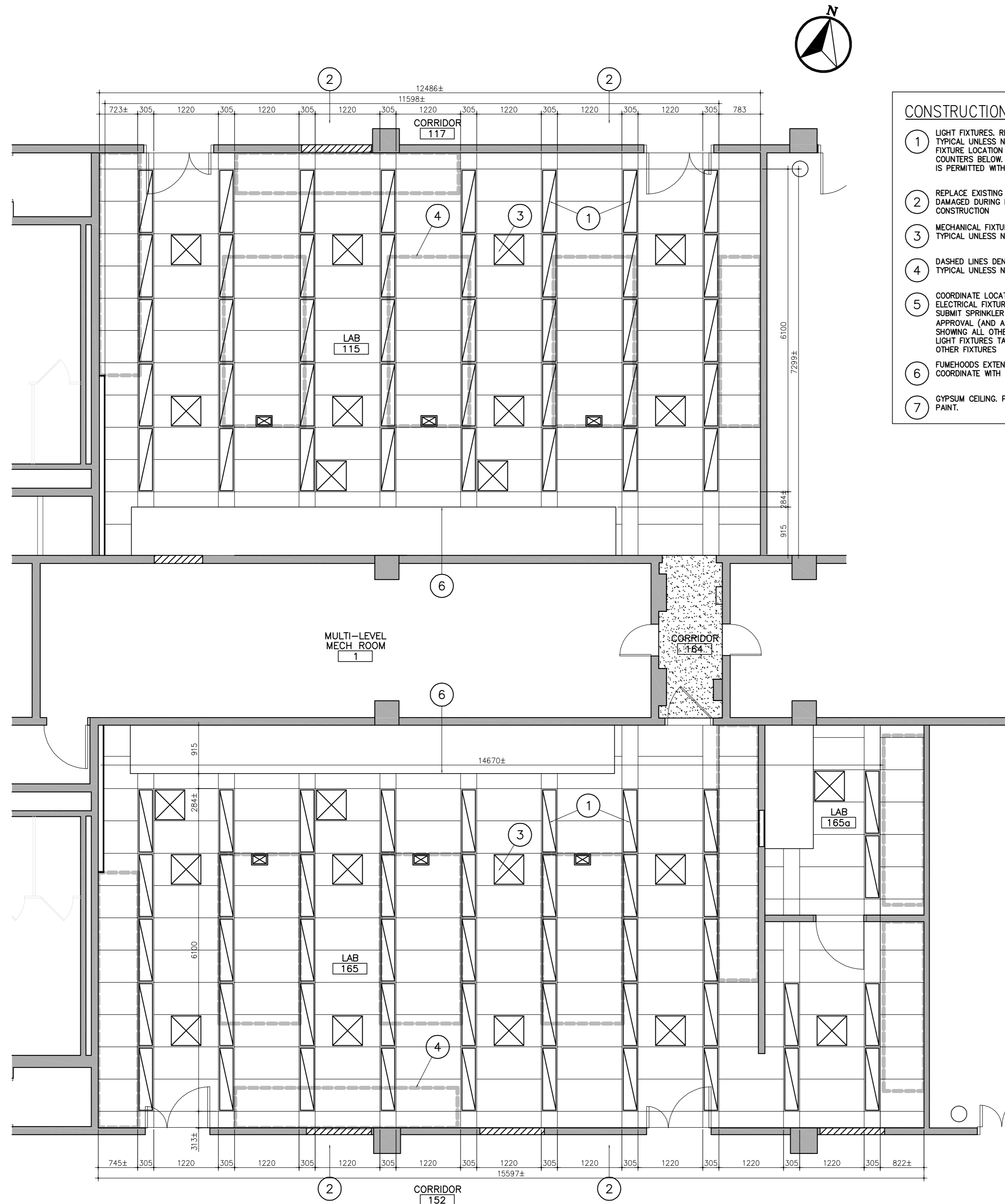
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tender  
soumission **AQUIL ALI** project manager  
administrateur de projets

project date  
date du projet **2013/3/28**

project no.  
no. du projet **R.054345.001**

drawing no.  
dessiné no. **A2.4**



- CONSTRUCTION NOTES:**
- 1 LIGHT FIXTURES. REFER TO ELECTRICAL TYPICAL UNLESS NOTED OTHERWISE. LIGHT FIXTURE LOCATION IS BASED ON LAB COUNTERS BELOW. NO DEVIATION TO LAYOUT IS PERMITTED WITHOUT PRIOR APPROVAL.
  - 2 REPLACE EXISTING T-BAR IN CORRIDORS IF DAMAGED DURING DEMOLITION OR CONSTRUCTION
  - 3 MECHANICAL FIXTURES. REFER TO MECHANICAL TYPICAL UNLESS NOTED OTHERWISE.
  - 4 DASHED LINES DENOTE FURNITURE BELOW. TYPICAL UNLESS NOTED OTHERWISE.
  - 5 COORDINATE LOCATIONS OF MECHANICAL AND ELECTRICAL FIXTURES IN T-BAR CEILING. SUBMIT SPRINKLER HEAD LOCATIONS FOR APPROVAL (AND AS PER MECHANICAL) SHOWING ALL OTHER FIXTURES IN T-BAR. LIGHT FIXTURES TAKE PRIORITY OVER ALL OTHER FIXTURES
  - 6 FUMEHOODS EXTEND UP PAST T-BAR CEILING. COORDINATE WITH MECHANICAL
  - 7 GYPSUM CEILING. PATCH AND MAKE GOOD. PAINT.

PARTIAL LEVEL 1 REFLECTED CEILING PLAN  
SCALE: 1:50

1  
A2.5



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drawing title  
titre du dessin  
**PARTIAL LEVEL 1  
REFLECTED CEILING PLAN**

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dessiné par **MF**

designed by  
conçu par **DM**

approved by  
approuvé par

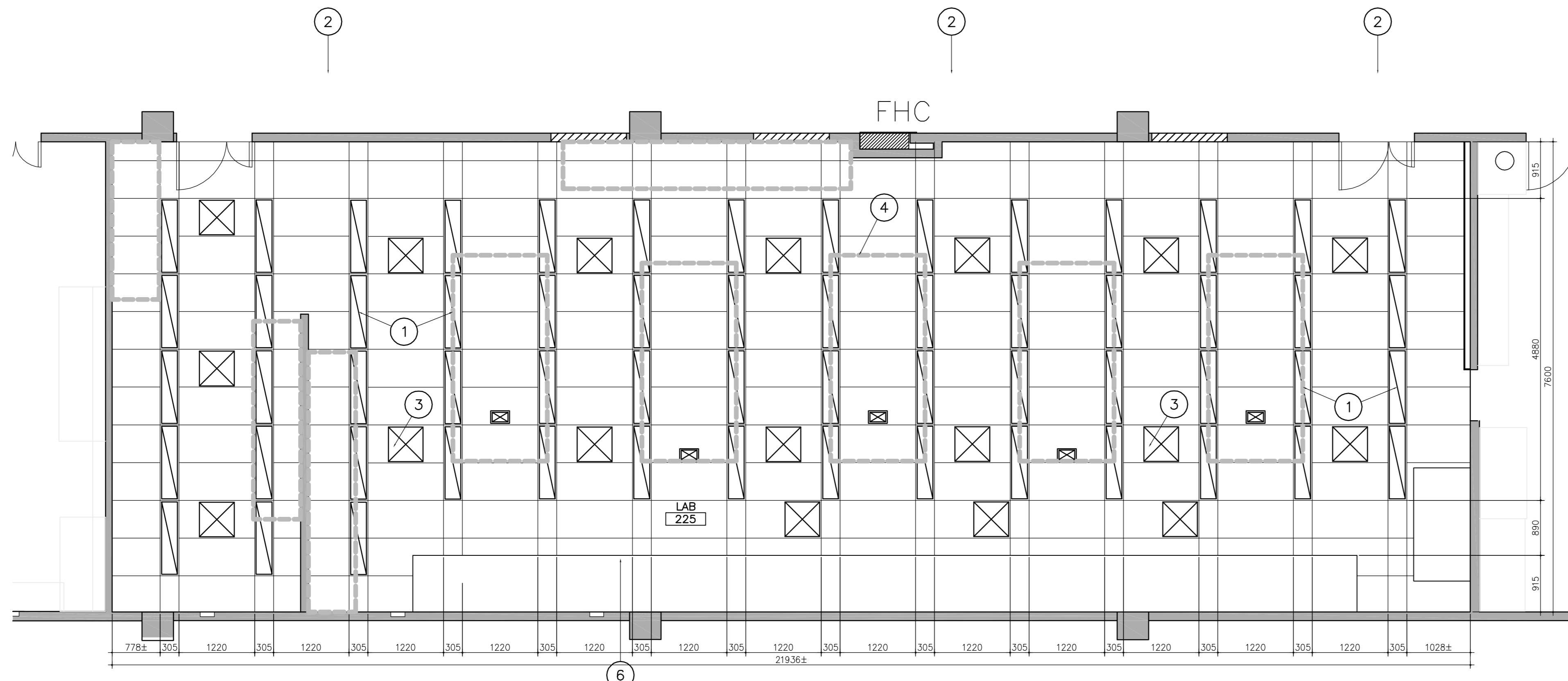
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- CONSTRUCTION NOTES:**
- 1 LIGHT FIXTURES. REFER TO ELECTRICAL. TYPICAL UNLESS NOTED OTHERWISE. LIGHT FIXTURE LOCATION IS BASED ON LAB COUNTERS BELOW. NO DEVIATION TO LAYOUT IS PERMITTED WITHOUT PRIOR APPROVAL.
  - 2 REPLACE EXISTING T-BAR IN CORRIDORS IF DAMAGED DURING DEMOLITION OR CONSTRUCTION.
  - 3 MECHANICAL FIXTURES. REFER TO MECHANICAL. TYPICAL UNLESS NOTED OTHERWISE.
  - 4 DASHED LINES DENOTE FURNITURE BELOW. TYPICAL UNLESS NOTED OTHERWISE.
  - 5 COORDINATE LOCATIONS OF MECHANICAL AND ELECTRICAL FIXTURES IN T-BAR CEILING. SUBMIT SPRINKLER HEAD LOCATIONS FOR APPROVAL (AND AS PER MECHANICAL) SHOWING ALL OTHER FIXTURES IN T-BAR. LIGHT FIXTURES TAKE PRIORITY OVER ALL OTHER FIXTURES.
  - 6 FUMEHOODS EXTEND UP PAST T-BAR CEILING. COORDINATE WITH MECHANICAL.
  - 7 GYPSUM CEILING. PATCH AND MAKE GOOD. PAINT.

PARTIAL LEVEL 2 REFLECTED CEILING PLAN 1  
SCALE: 1:50 A2.6

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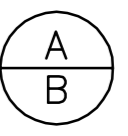
  
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drawing title  
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**PARTIAL LEVEL 2  
REFLECTED CEILING PLAN**

drawn by  
dessiné par **MF**

designed by  
conçu par **DM**

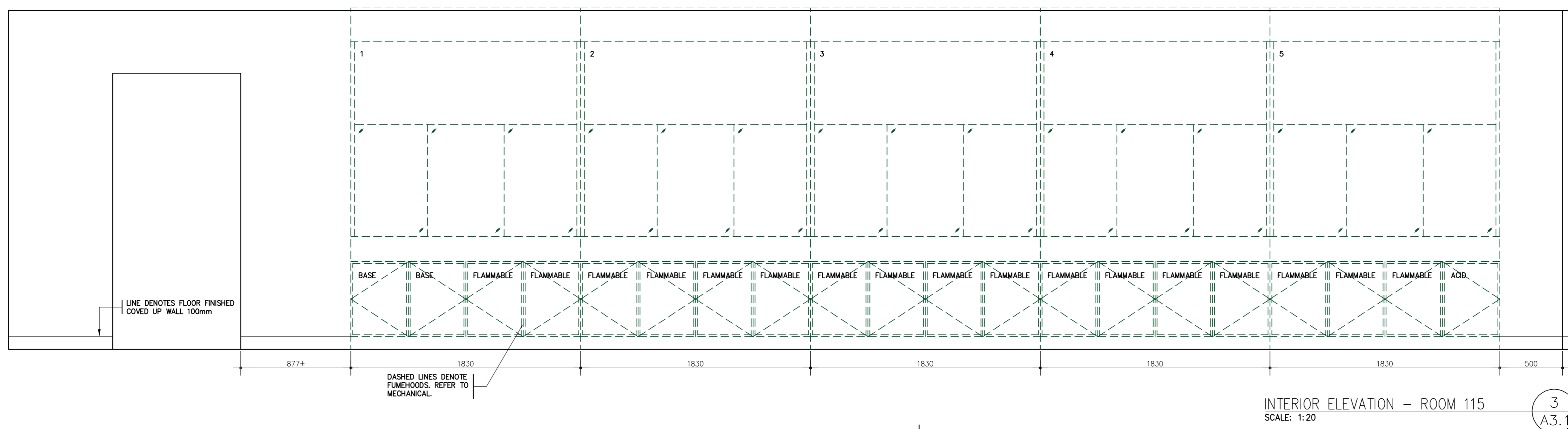
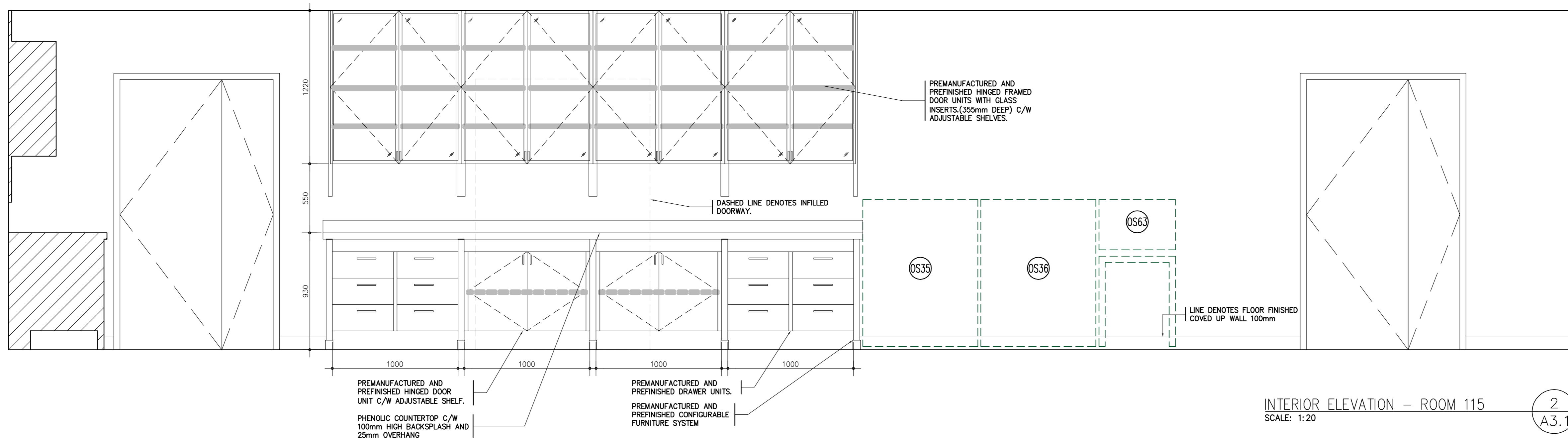
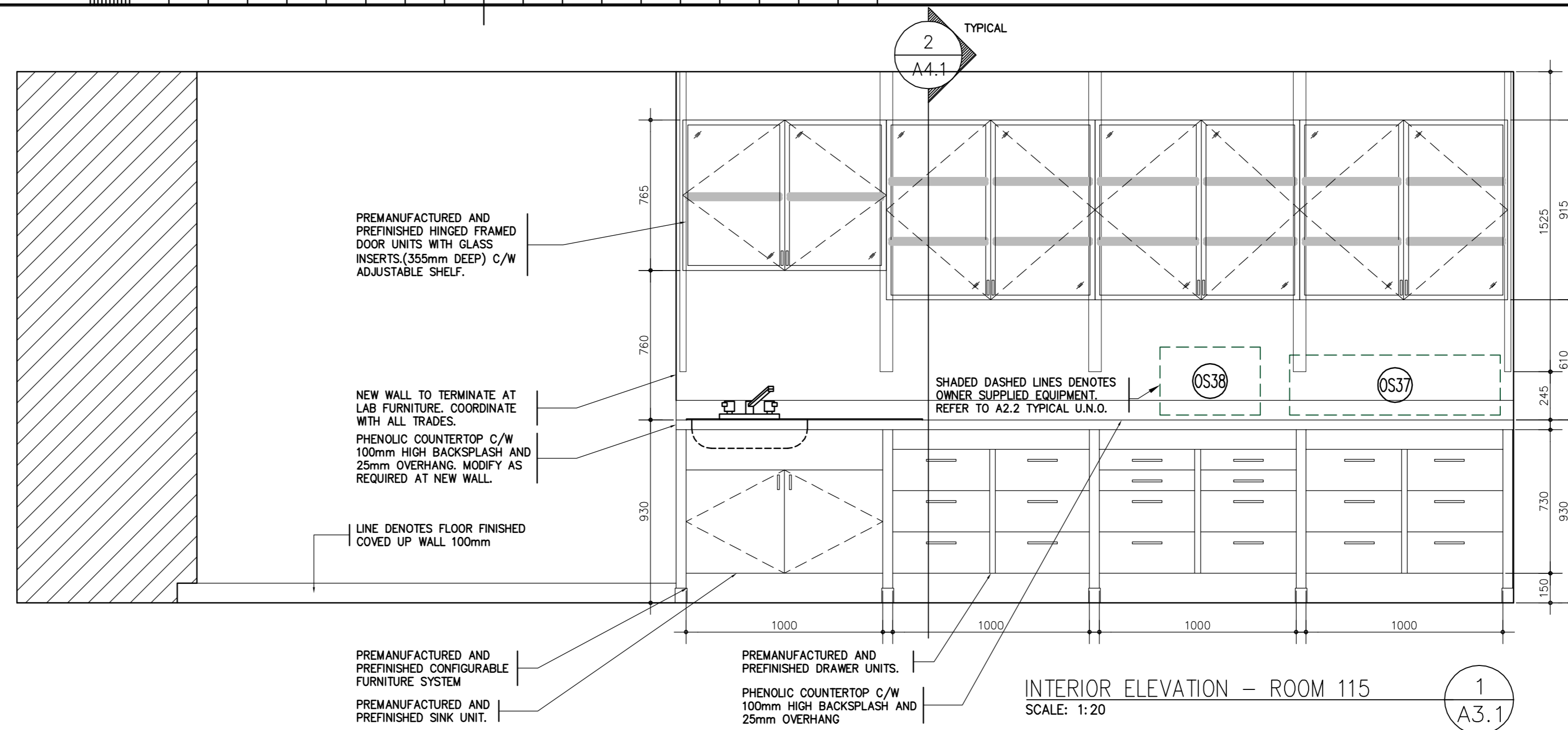
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soutmission **AQUIL ALI** project manager  
administrateur de projets

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date du projet **2013/3/28**

project no.  
no. du projet **R.054345.001**

drawing no.  
dessiné no. **A2.6**



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B	No. du détail
	drawing no. - where detail required
	dessin no. - où détail exigé

project title  
titre du projet  
**TORONTO HEALTH CANADA**  
2301 MIDLAND AVE  
Ontario  
**LABORATORY UPGRADES**

drawing title  
titre du dessin  
**INTERIOR ELEVATIONS**

drawn by  
dessiné par  
**MF**

designed by  
conçue par  
**DM**

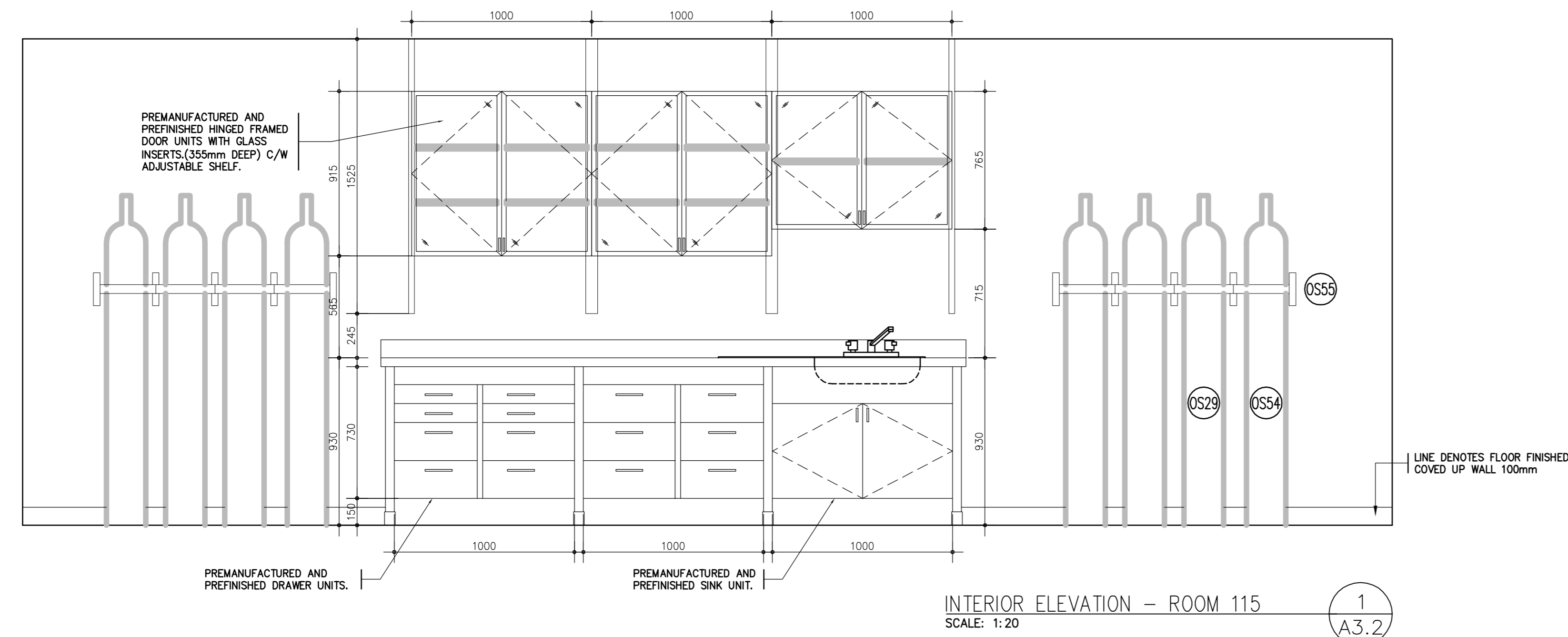
approved by  
approuvé par

tender submission  
soutmission  
**AQUIL ALI**

project date  
date du projet  
**2013/03/28**

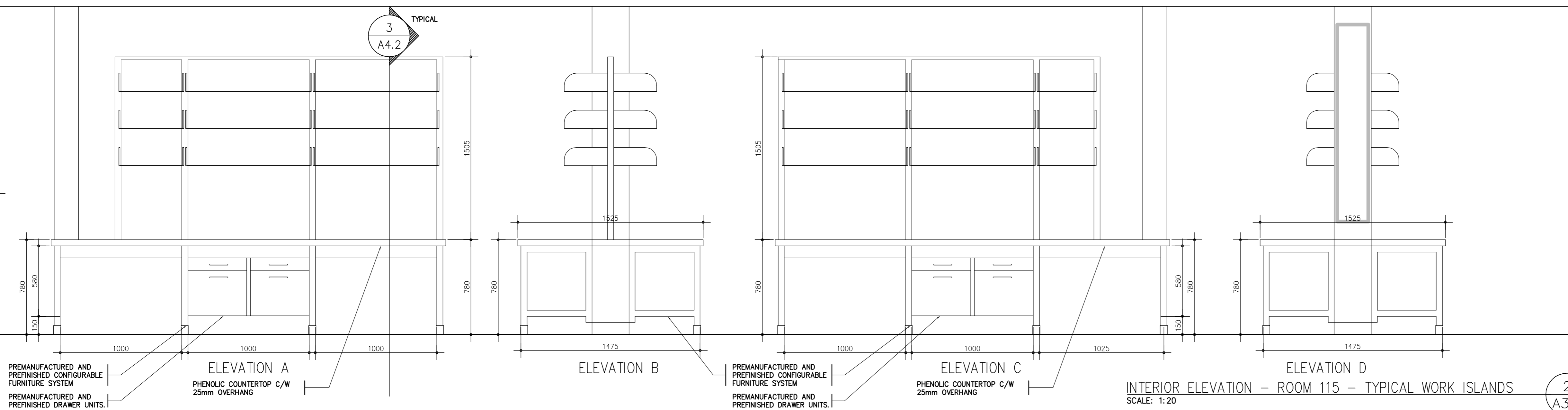
project no.  
no. du projet  
**R.054345.001**

drawing no.  
dessiné no.  
**A3.1**



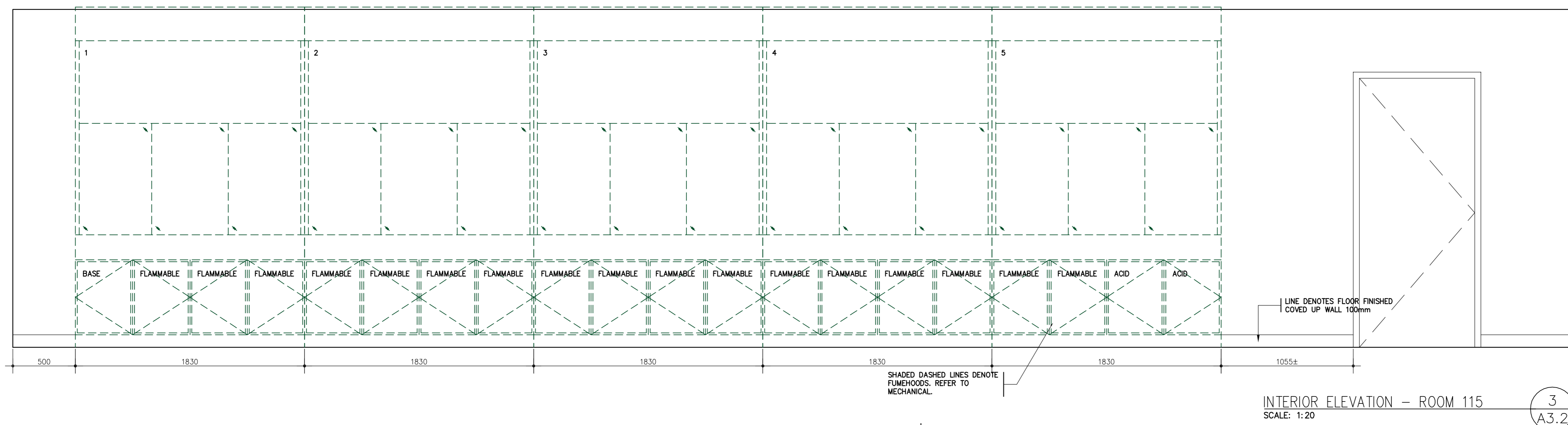
INTERIOR ELEVATION - ROOM 115  
SCALE: 1:20

1  
A3.2



INTERIOR ELEVATION - ROOM 115 - TYPICAL WORK ISLANDS  
SCALE: 1:20


2  
A3.2



INTERIOR ELEVATION - ROOM 115  
SCALE: 1:20

3  
A3.2

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revision	description	date
2	ISSUED FOR TENDER	2015/05/29
1	ISSUED FOR REVIEW	2015/04/17

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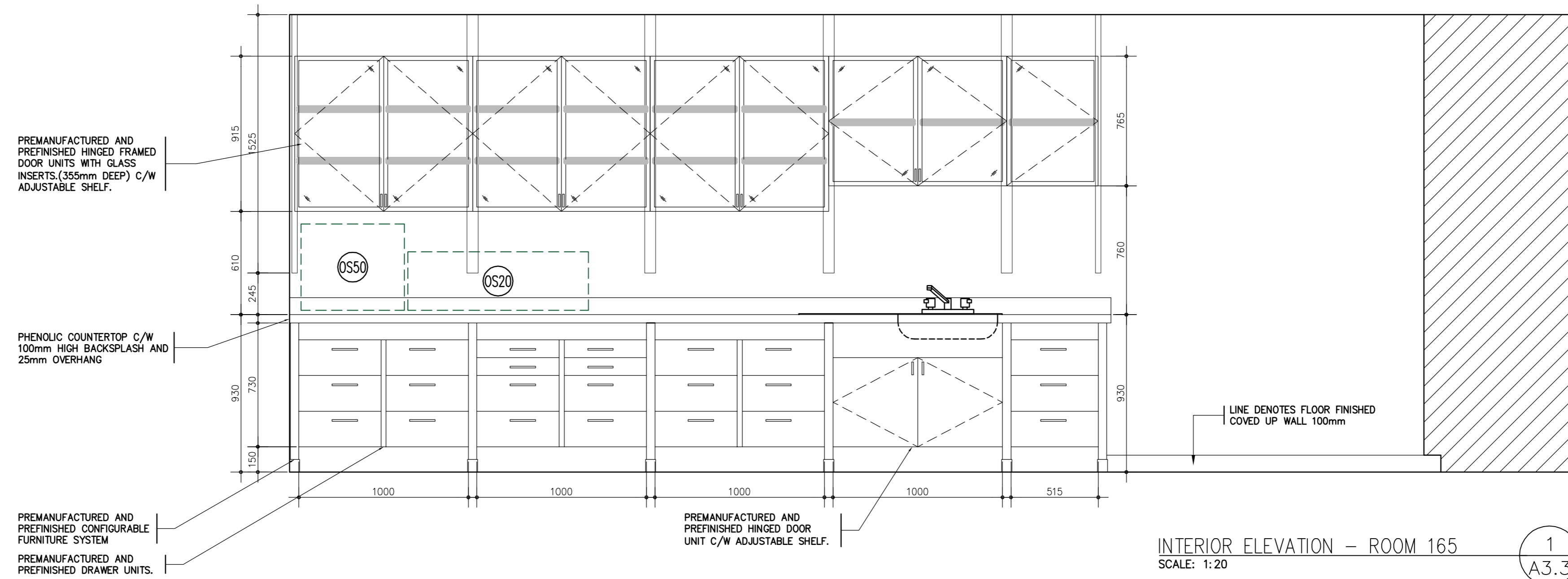
approved by  
approuvé par

tender submission  
soutmission  
**AQUIL ALI** project manager  
administrateur de projets

project date  
date du projet  
**2013/03/28**

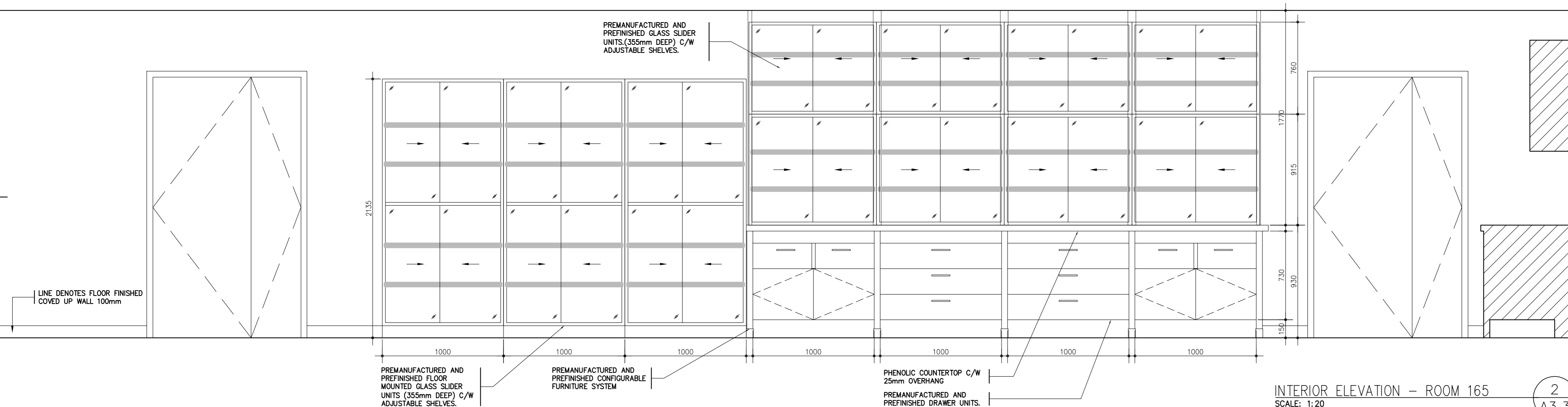
project no.  
no. du projet  
**R.054345.001**

drawing no.  
dessiné no.  
**A3.2**



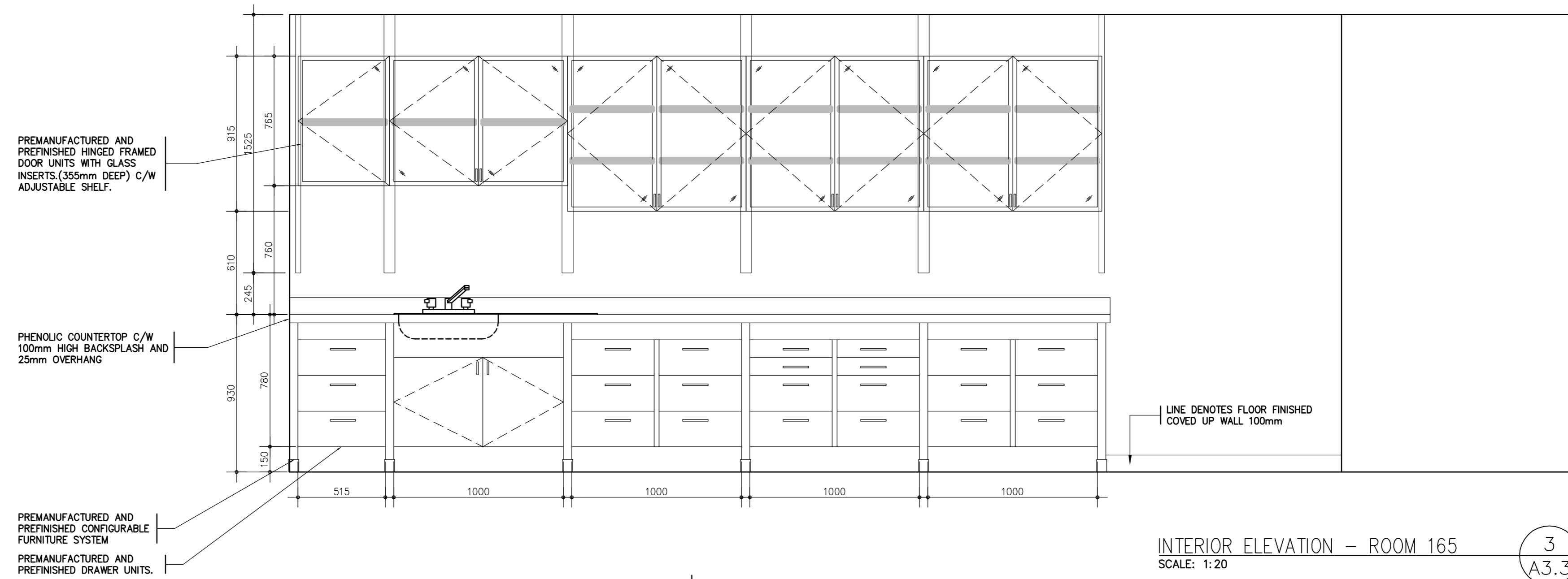
INTERIOR ELEVATION - ROOM 165  
SCALE: 1:20

1  
A3.3



INTERIOR ELEVATION - ROOM 165  
SCALE: 1:20

2  
A3.3



INTERIOR ELEVATION - ROOM 165  
SCALE: 1:20

3  
A3.3



revision	description	date
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**LABORATORY UPGRADES**

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**INTERIOR ELEVATIONS**

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conc par  
**DM**

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approuvé par

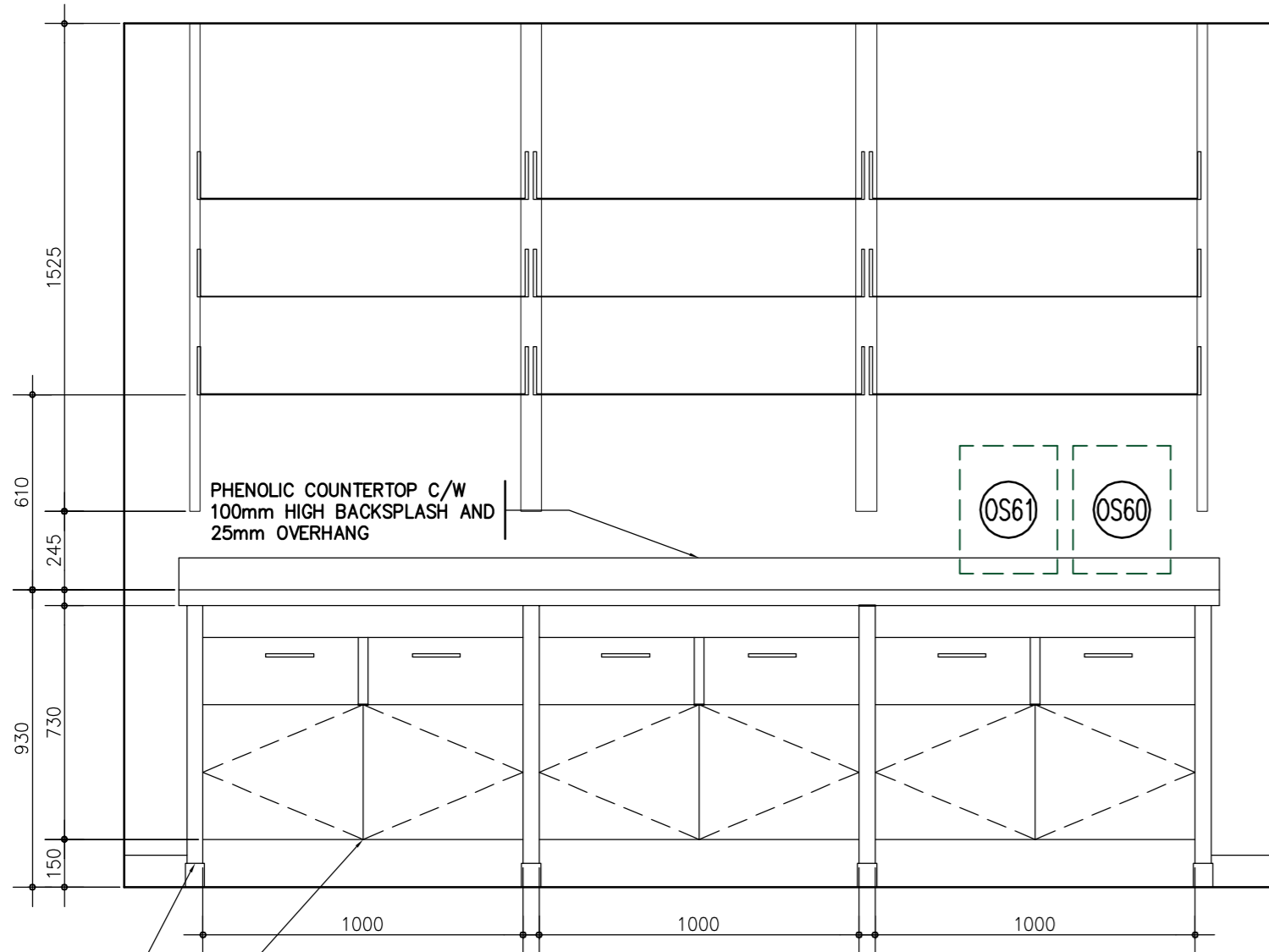
tender  
soutmission  
**AQUIL ALI**

project manager  
administrateur de projets

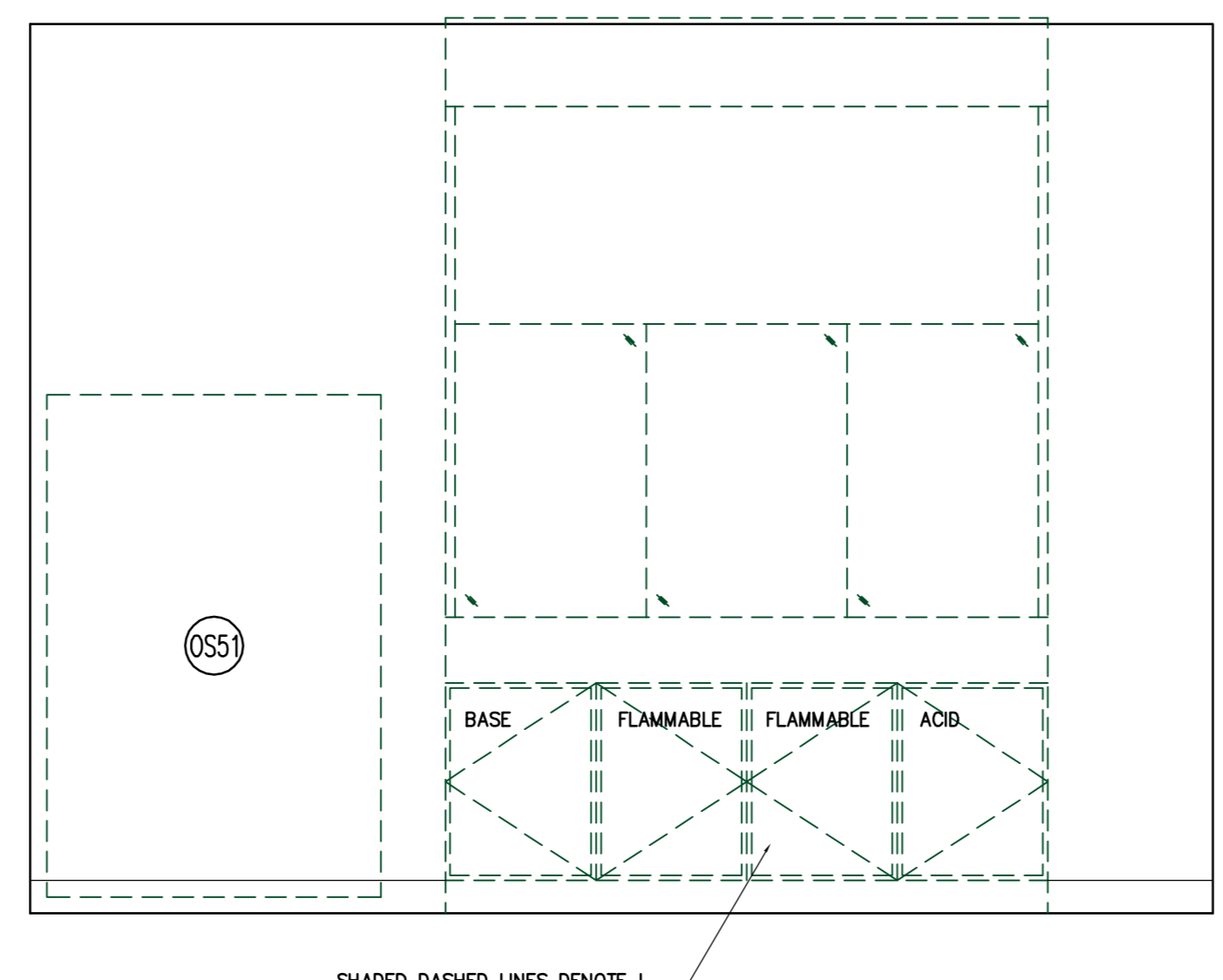
project date  
date du projet  
**2013/03/28**

project no.  
no. du projet  
**R.054345.001**

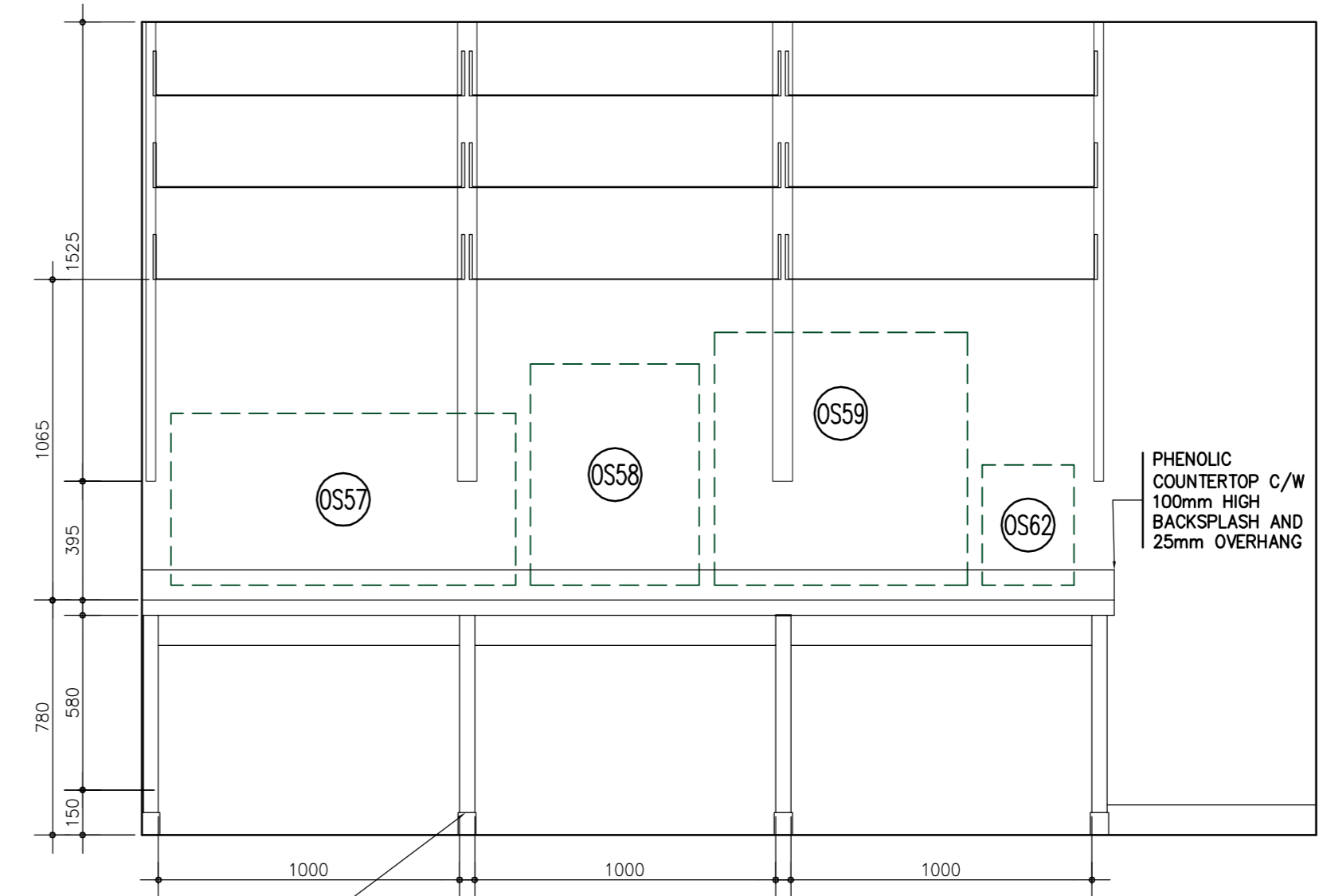
drawing no.  
dessiné no.  
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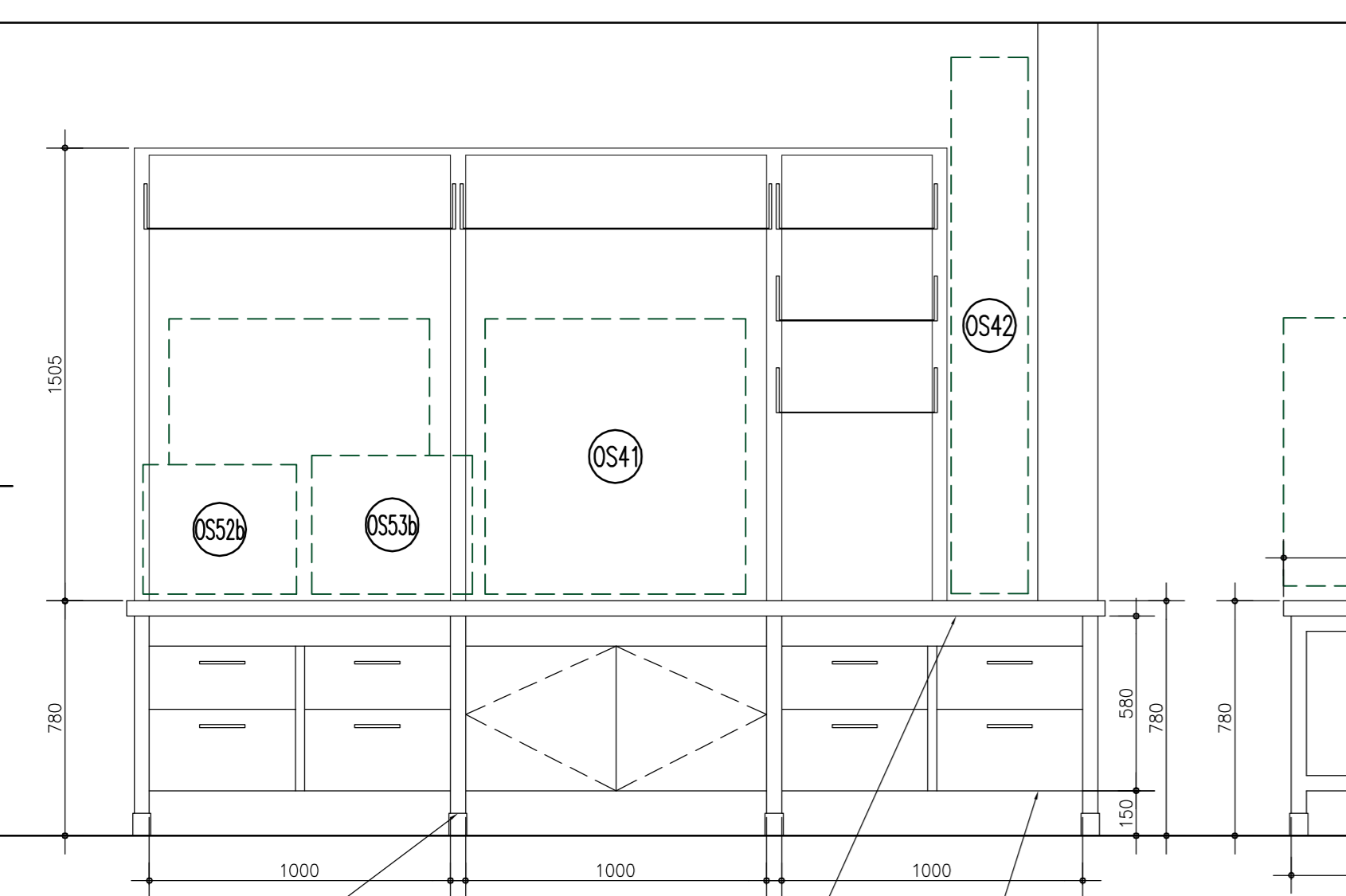
INTERIOR ELEVATION - ROOM 165a  
SCALE: 1:20  
1  
A3.4



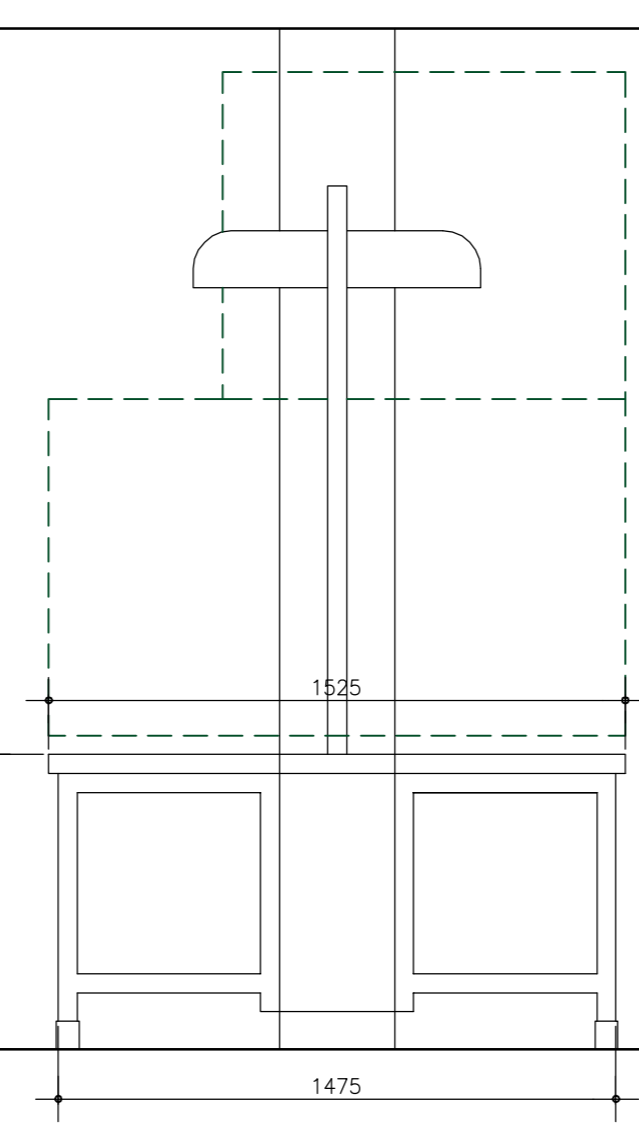
INTERIOR ELEVATION - ROOM 165a  
SCALE: 1:20  
2  
A3.4



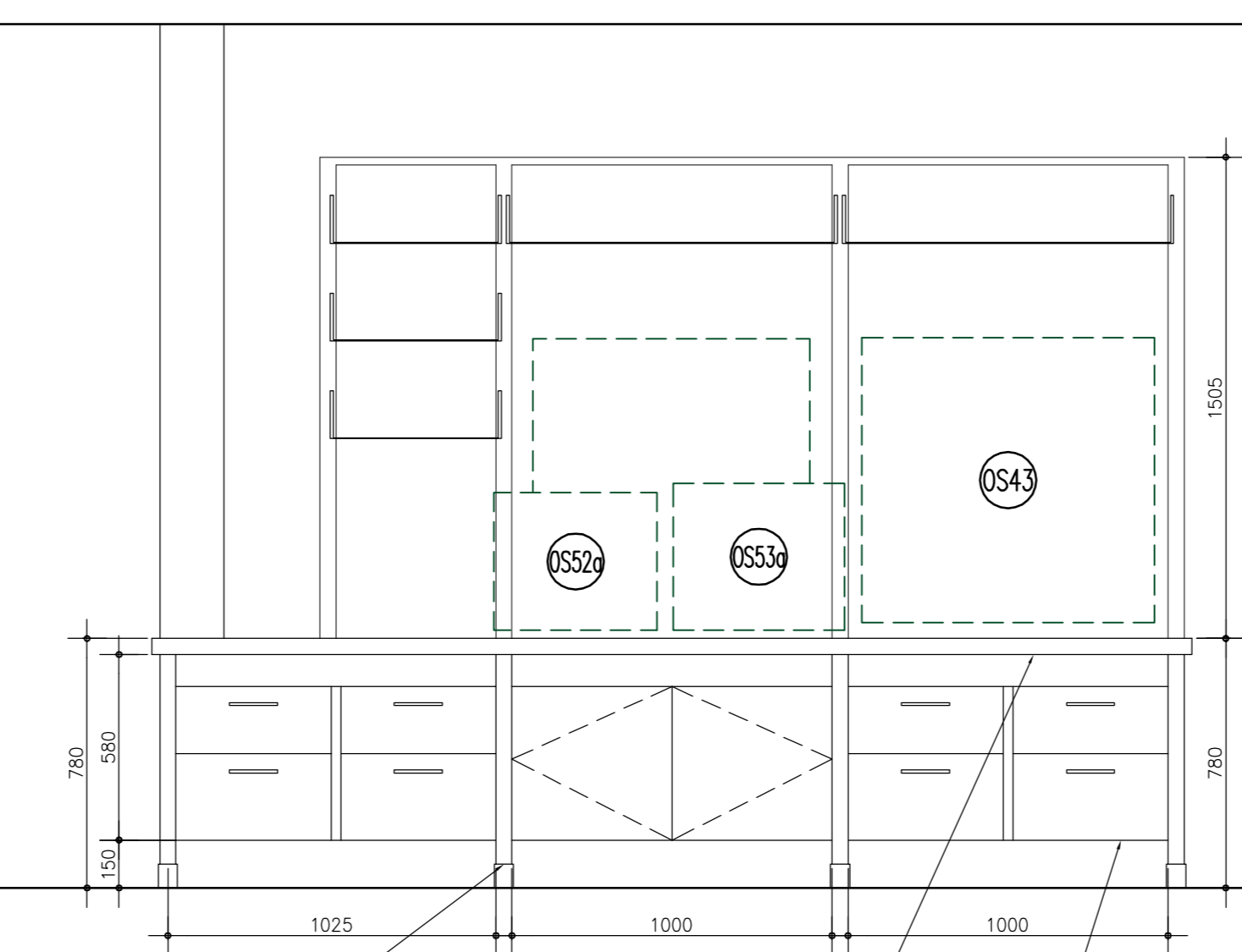
INTERIOR ELEVATION - ROOM 165  
SCALE: 1:20  
3  
A3.4



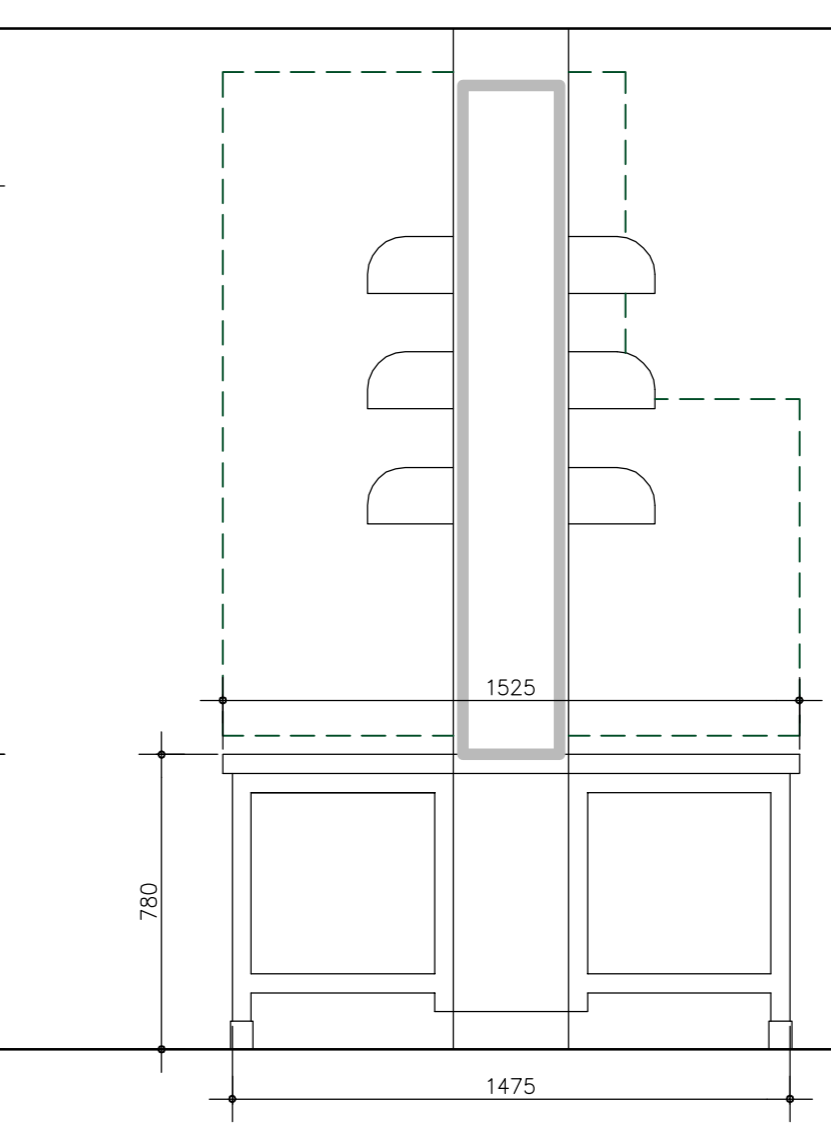
ELEVATION A  
PHENOLIC COUNTERTOP C/W 25mm OVERHANG  
PREMANUFACTURED AND PREFINISHED DRAWER UNITS.



ELEVATION B

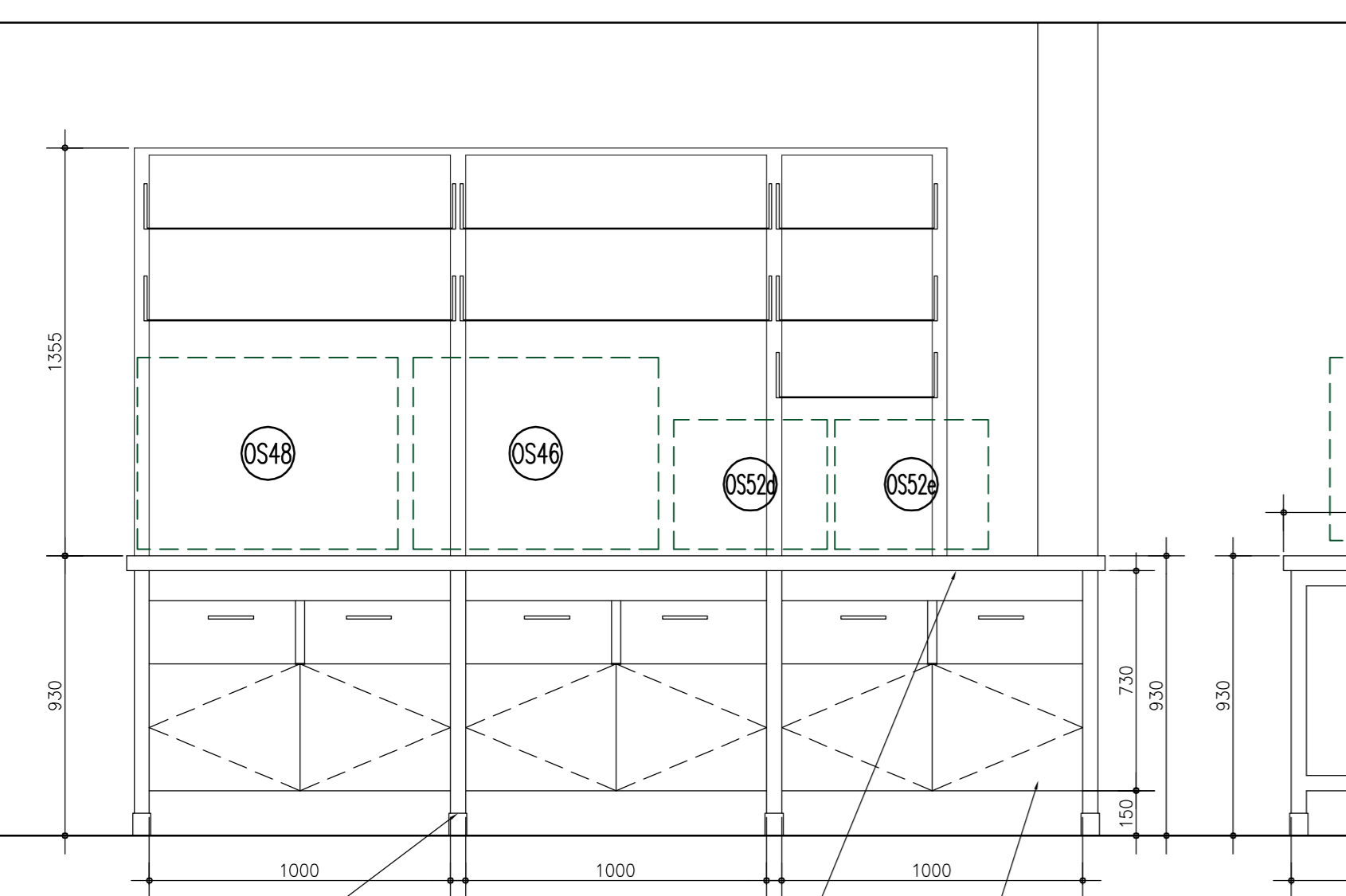


ELEVATION C  
PHENOLIC COUNTERTOP C/W 25mm OVERHANG  
PREMANUFACTURED AND PREFINISHED DRAWER UNITS.

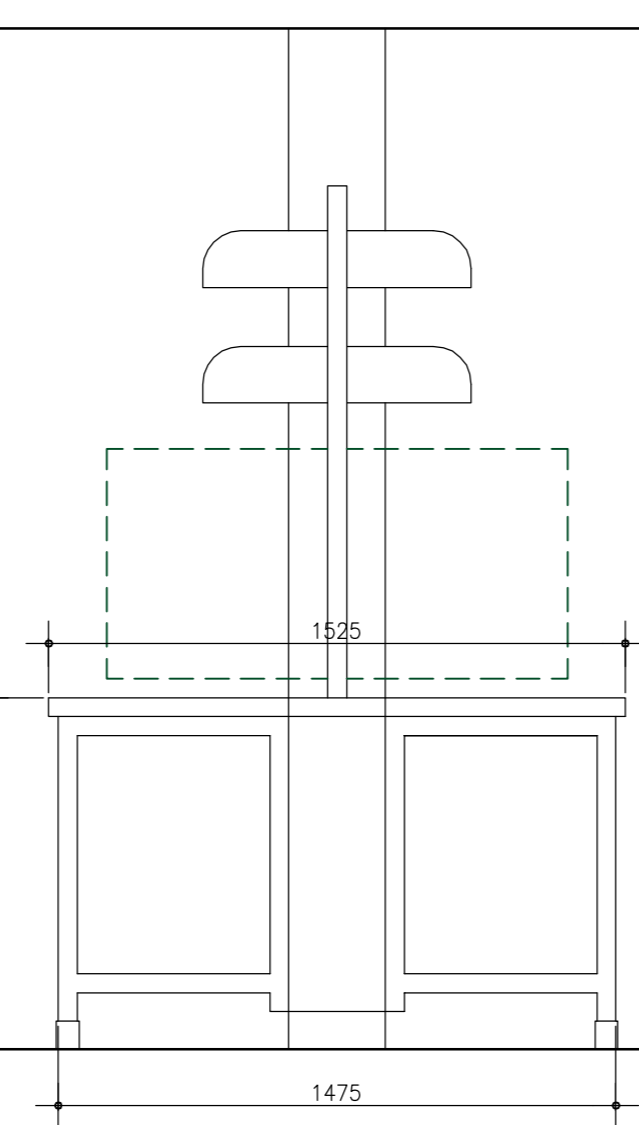


ELEVATION D

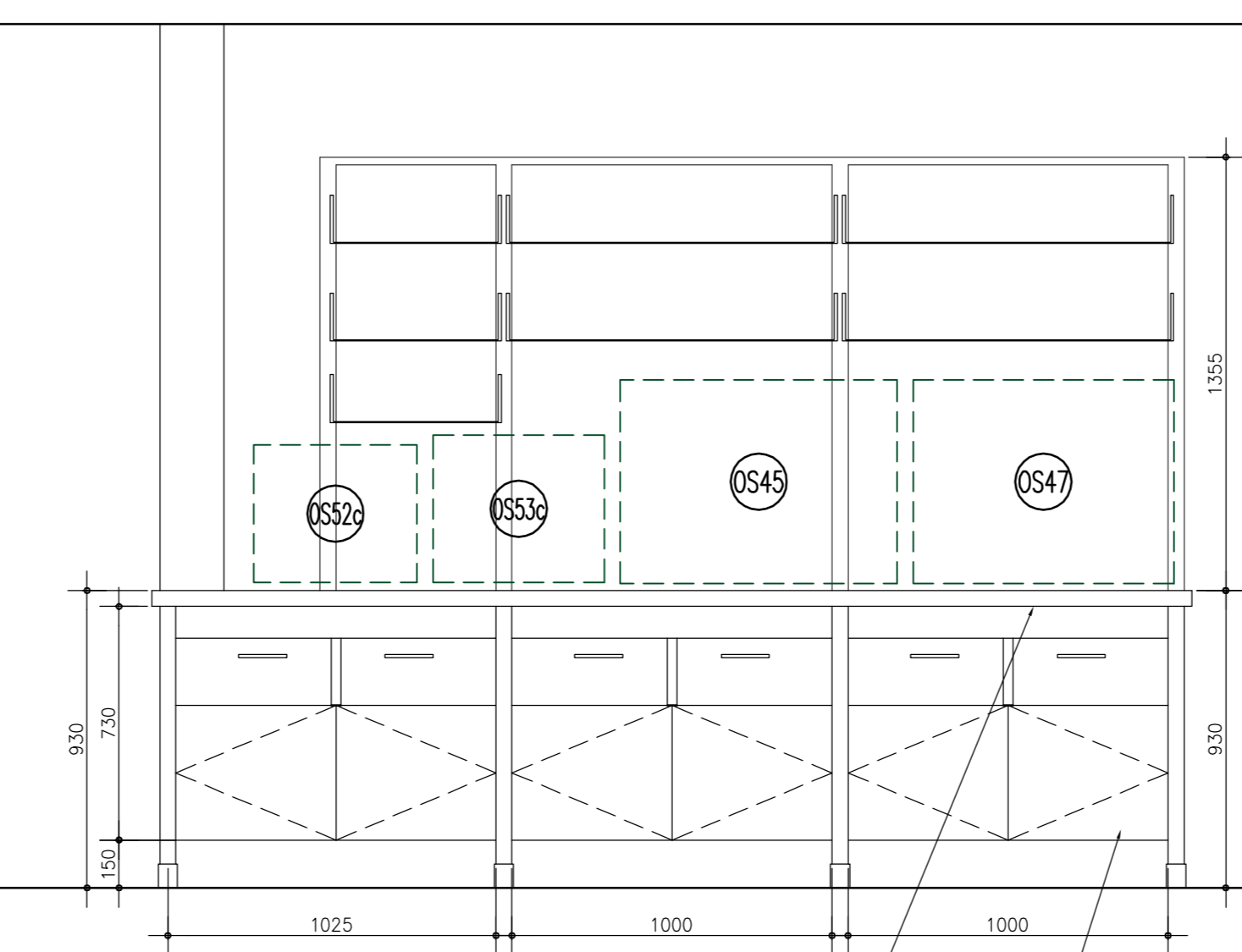
INTERIOR ELEVATION - ROOM 165 - EQUIPMENT ISLAND  
SCALE: 1:20  
4  
A3.4



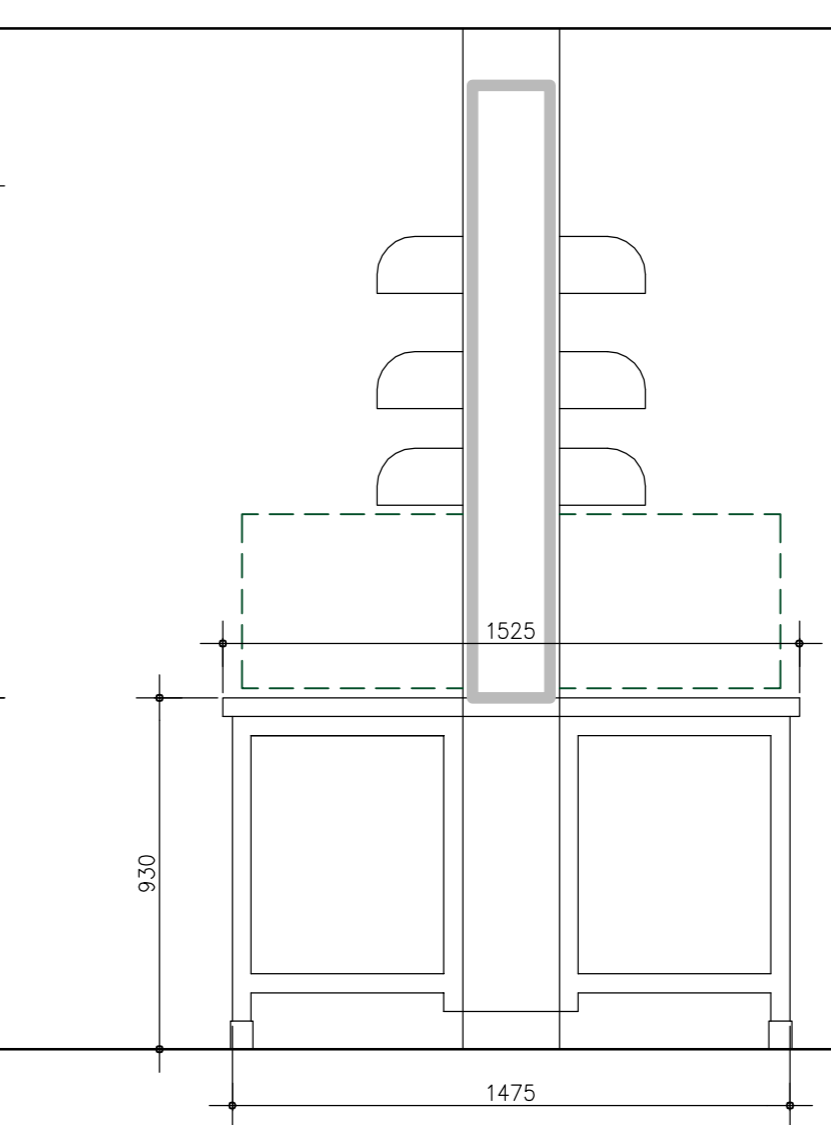
ELEVATION A  
PHENOLIC COUNTERTOP C/W 25mm OVERHANG  
PREMANUFACTURED AND PREFINISHED DRAWER UNITS.



ELEVATION B



ELEVATION C  
PHENOLIC COUNTERTOP C/W 25mm OVERHANG  
PREMANUFACTURED AND PREFINISHED DRAWER UNITS.



ELEVATION D

INTERIOR ELEVATION - ROOM 165 - EQUIPMENT ISLAND  
SCALE: 1:20  
5  
A3.4



revision	description	date
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**TORONTO HEALTH CANADA**  
2301 MIDLAND AVE  
Ontario

**LABORATORY UPGRADES**

drawing title  
titre du dessin  
**INTERIOR ELEVATIONS**

drawn by  
dessiné par  
**MF**

designed by  
conç par  
**DM**

approved by  
approuvé par

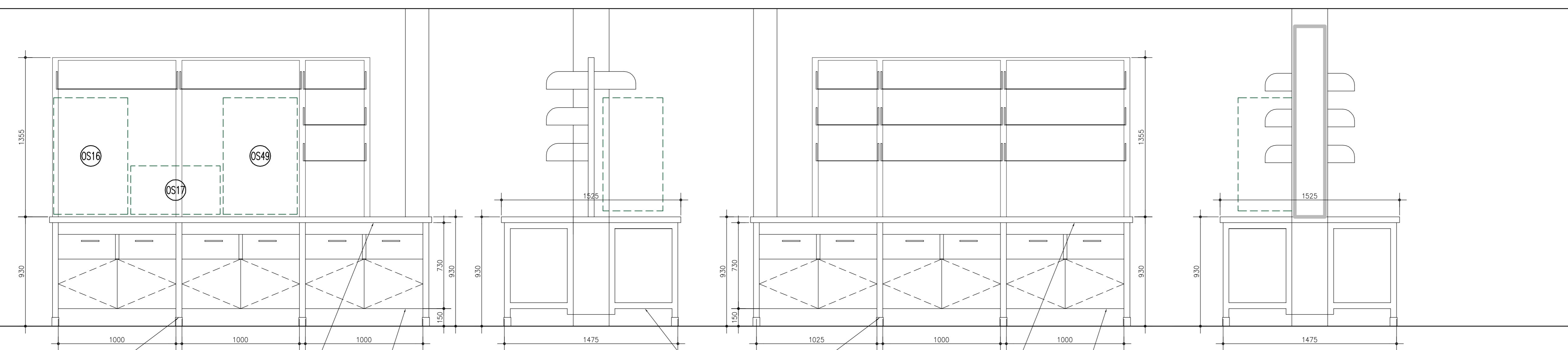
tender  
soutmission  
**AQUIL ALI**

project manager  
administrateur de projets

project date  
date du projet  
**2013/03/28**

project no.  
no. du projet  
**R.054345.001**

drawing no.  
dessin no.  
**A3.4**



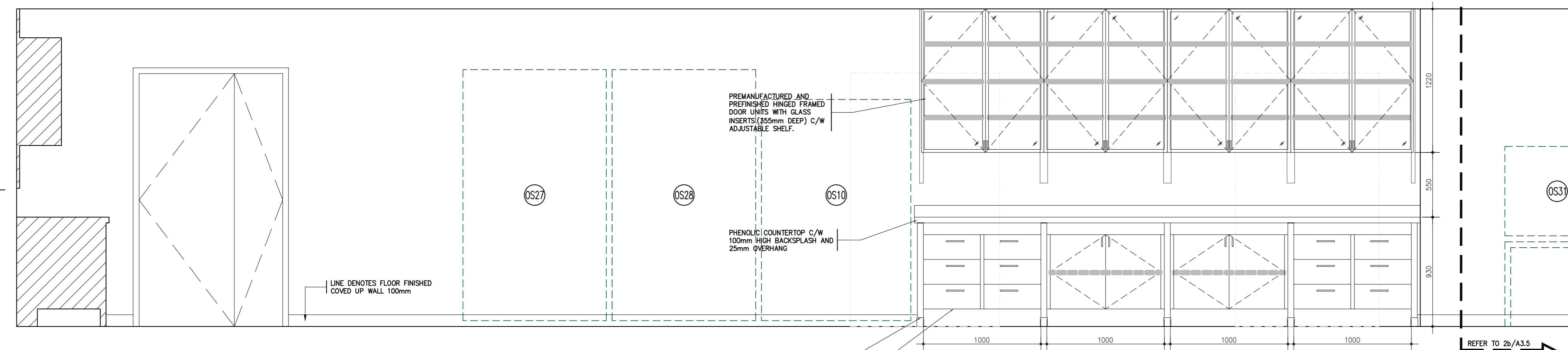
**ELEVATION A**  
 PHENOLIC COUNTERTOP C/W 25mm OVERHANG  
 PREMANUFACTURED AND PREFINISHED DRAWER UNITS.

**ELEVATION B**

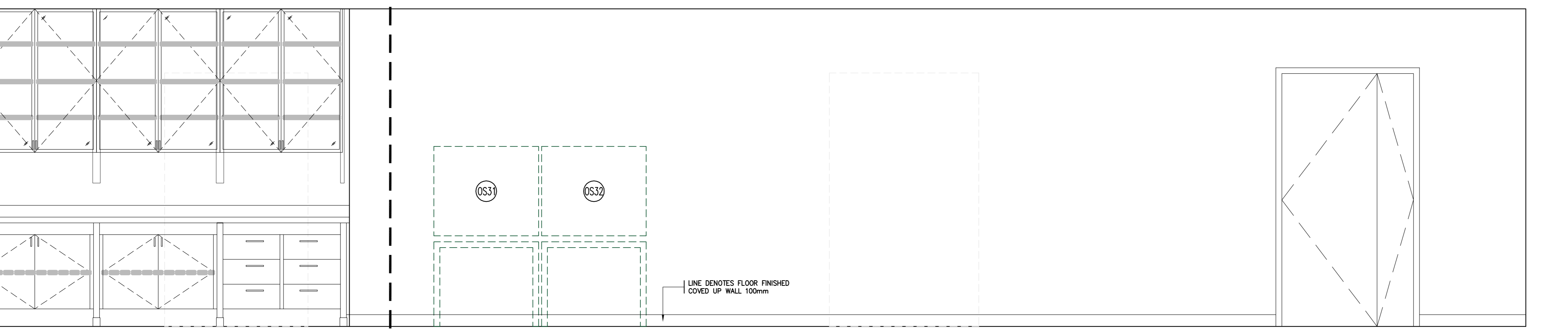
**ELEVATION C**  
 PHENOLIC COUNTERTOP C/W 25mm OVERHANG  
 PREMANUFACTURED AND PREFINISHED DRAWER UNITS.

**ELEVATION D**

**INTERIOR ELEVATION - ROOM 165 - EQUIPMENT ISLAND**  
 SCALE: 1:20



**INTERIOR ELEVATION - ROOM 225**  
 SCALE: 1:20



**INTERIOR ELEVATION - ROOM 225**  
 SCALE: 1:20

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project title  
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**TORONTO HEALTH CANADA**  
 2301 MIDLAND AVE  
 Ontario  
**LABORATORY UPGRADES**

drawing title  
 titre du dessin  
**INTERIOR ELEVATIONS**

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 dessiné par  
**MF**

designed by  
 conçu par  
**DM**

approved by  
 approuvé par

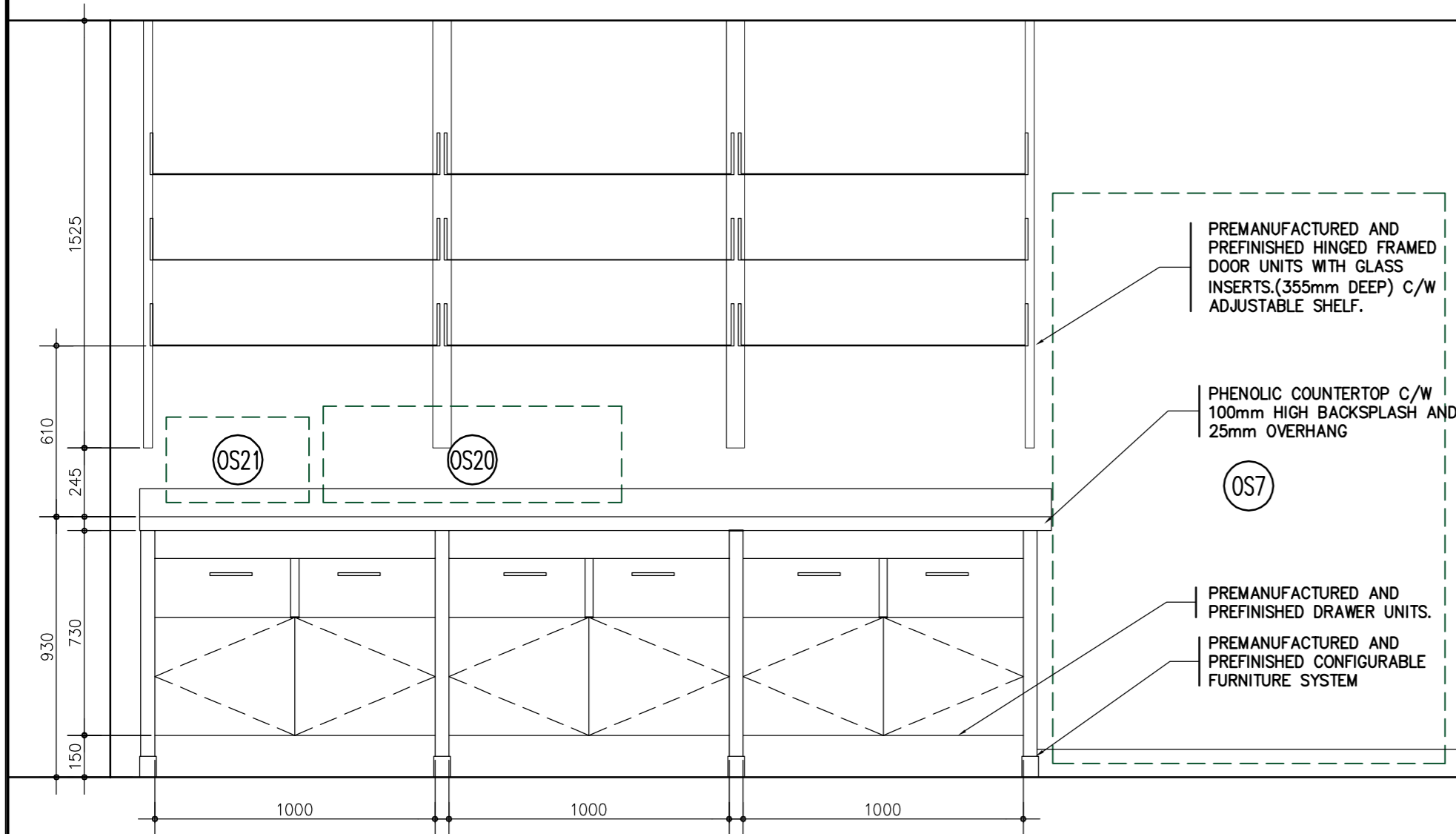
tender  
 soumission  
**AQUIL ALI**

project manager  
 administrateur de projets

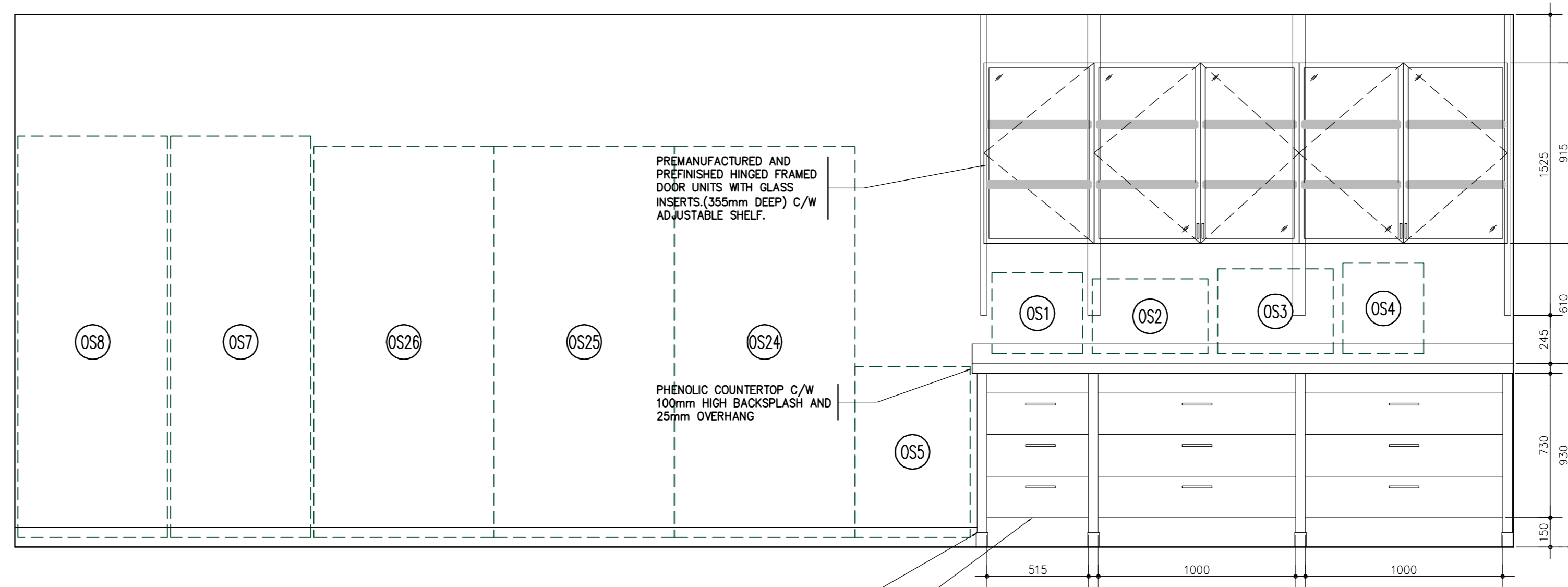
project date  
 date du projet  
**2013/03/28**

project no.  
 no. du projet  
**R.054345.001**

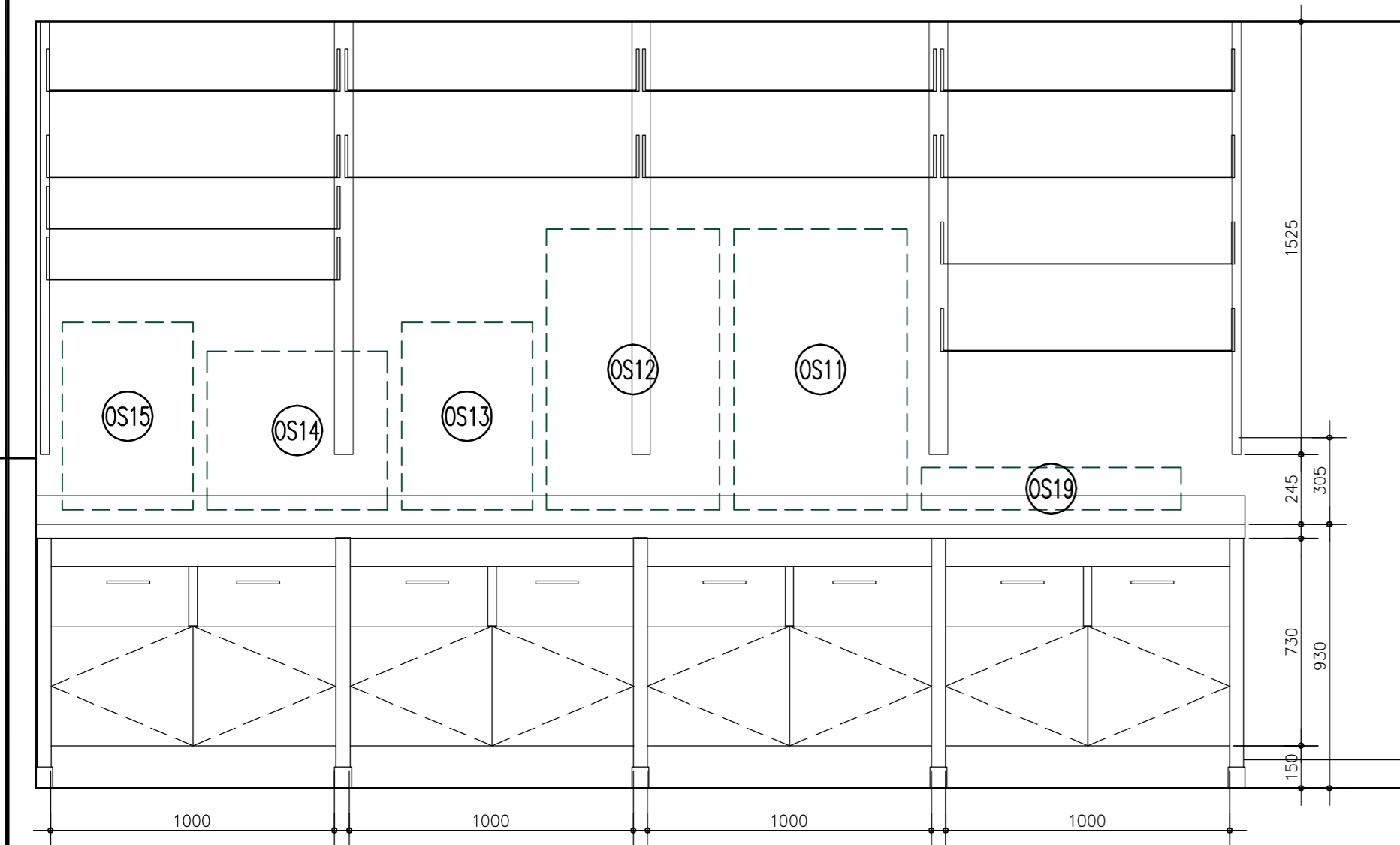
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 dessin no.  
**A3.5**



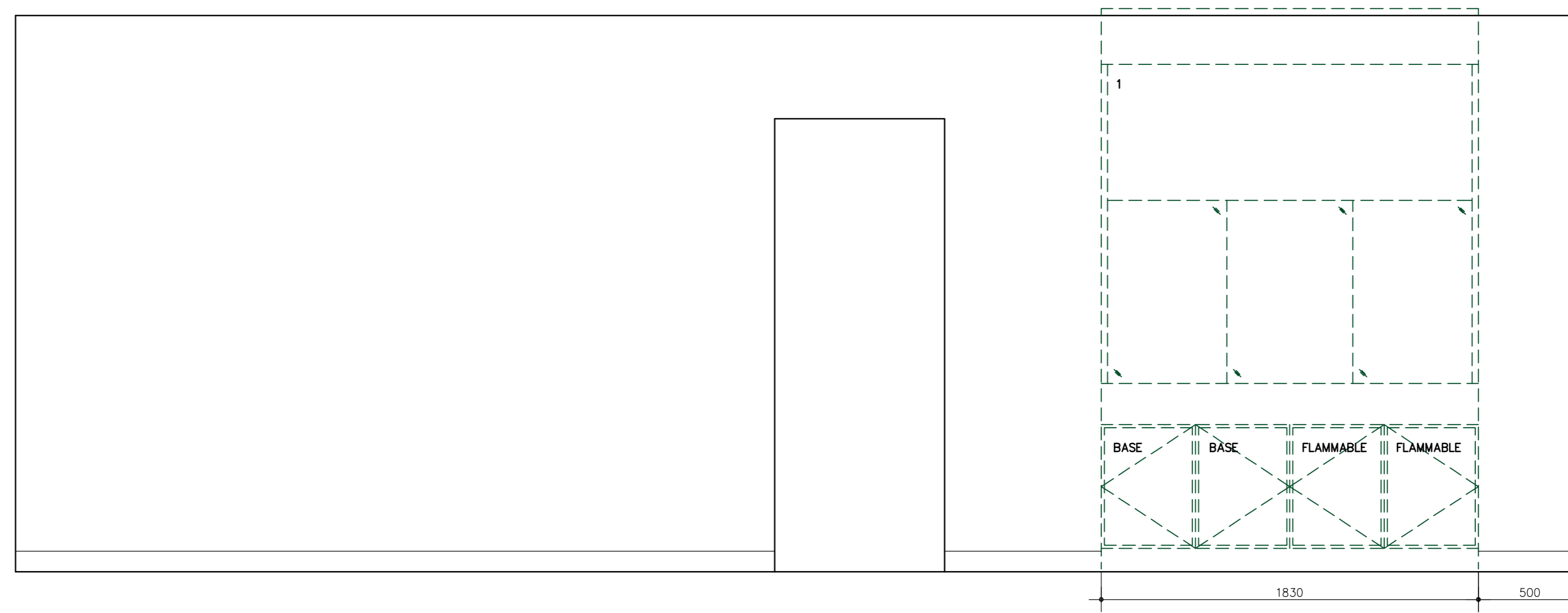
INTERIOR ELEVATION - ROOM 225 SCALE: 1:20 1 A3.6



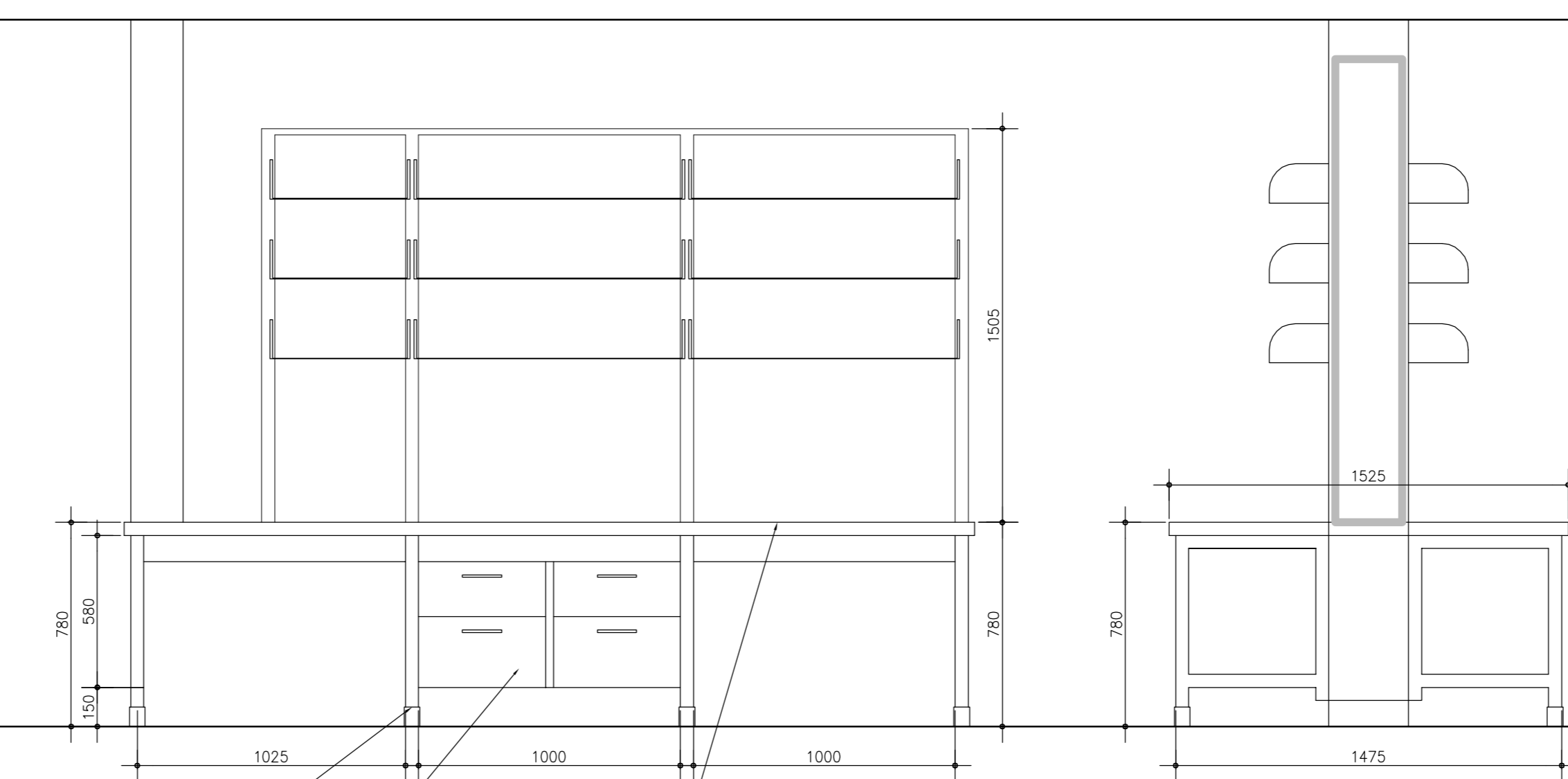
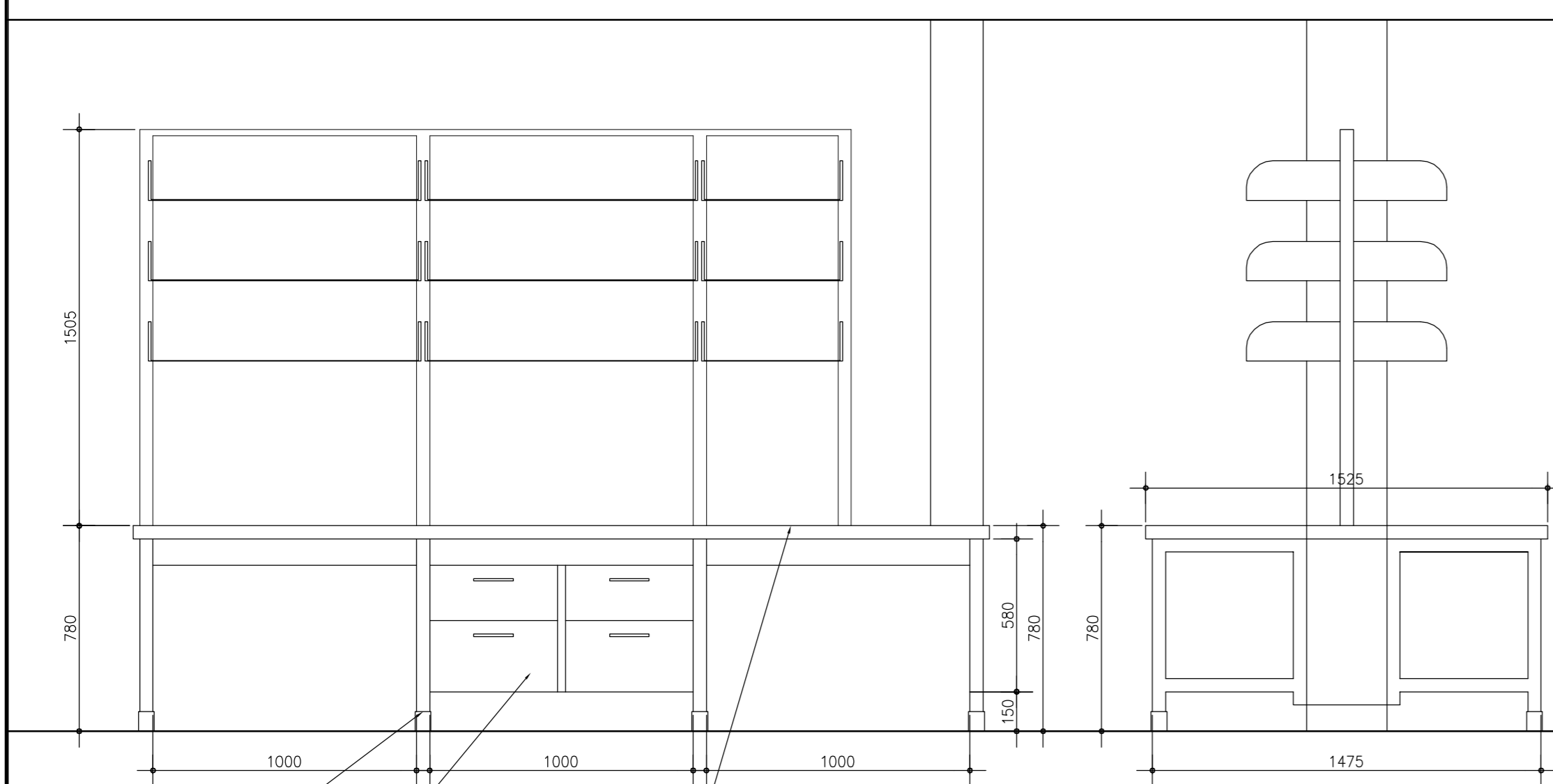
INTERIOR ELEVATION - ROOM 225 SCALE: 1:20 2 A3.6



INTERIOR ELEVATION - ROOM 225 SCALE: 1:20 3 A3.6



INTERIOR ELEVATION - ROOM 225 SCALE: 1:20 4 A3.6



INTERIOR ELEVATION - ROOM 225 - WORK ISLAND SCALE: 1:20 5 A3.6



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**TORONTO HEALTH CANADA** Ontario  
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**LABORATORY UPGRADES**

drawing title  
 titre du dessin  
**INTERIOR ELEVATIONS**

drawn by  
 dessiné par **MF**

designed by  
 conc par **DM**

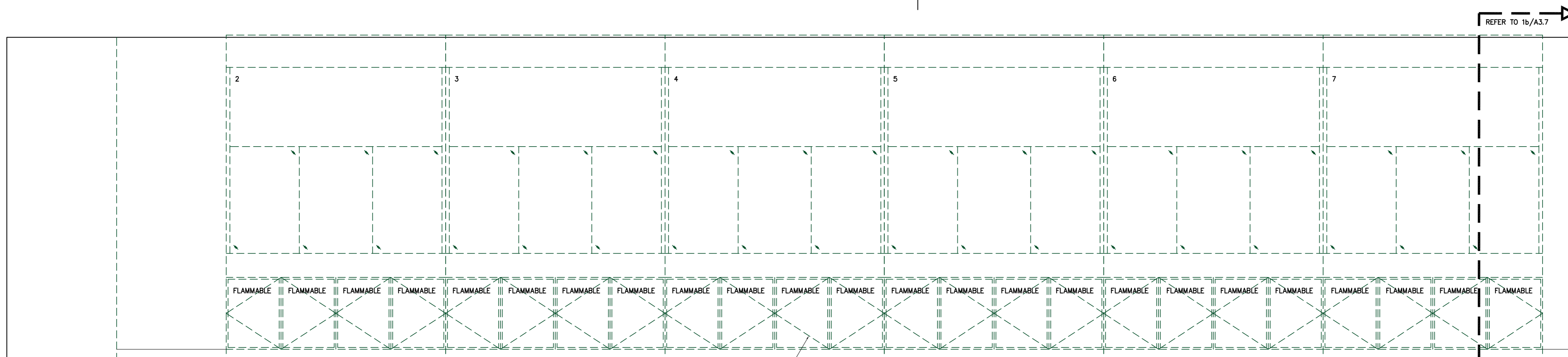
approved by  
 approuvé par

tender  
 soumission **AQUIL ALI** project manager  
 administrateur de projets

project date  
 date du projet **2013/03/28**

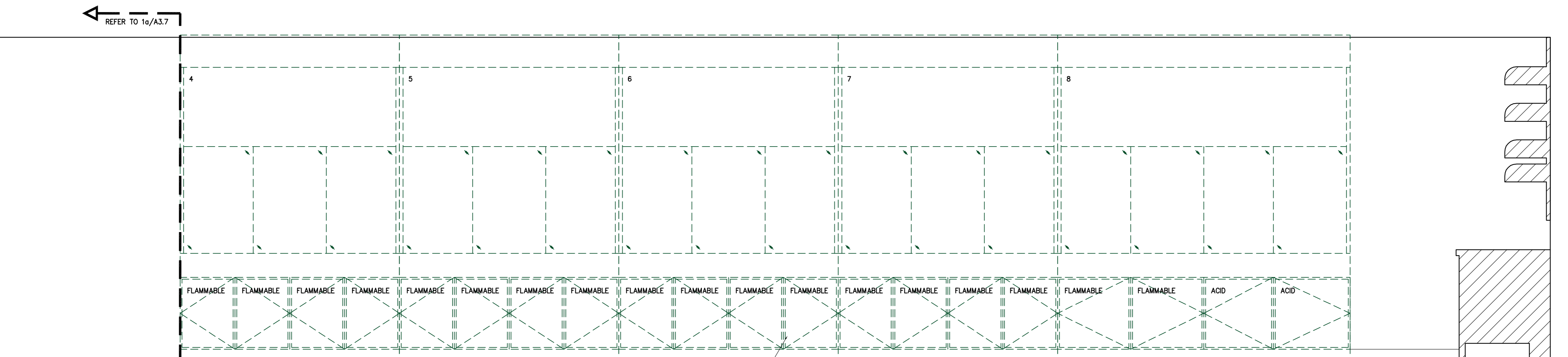
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 no. du projet **R.054345.001**

drawing no.  
 dessiné no. **A3.6**



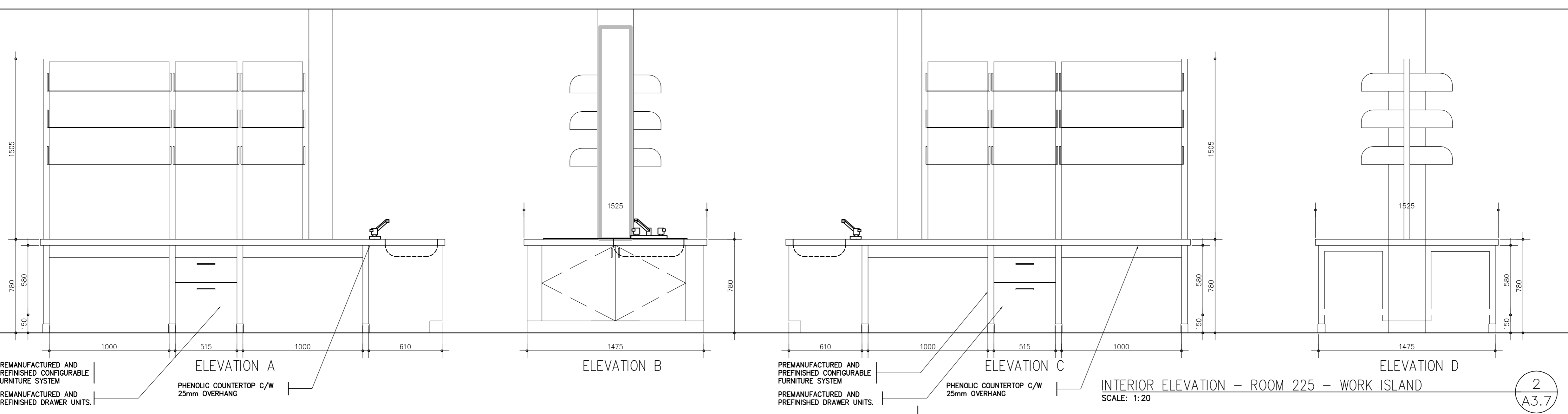
INTERIOR ELEVATION - ROOM 225  
SCALE: 1:20

1a  
A3.7



INTERIOR ELEVATION - ROOM 225  
SCALE: 1:20

1b  
A3.7



INTERIOR ELEVATION - ROOM 225 - WORK ISLAND  
SCALE: 1:20

2  
A3.7

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Ontario

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titre du dessin  
**INTERIOR ELEVATIONS**

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conç par **DM**

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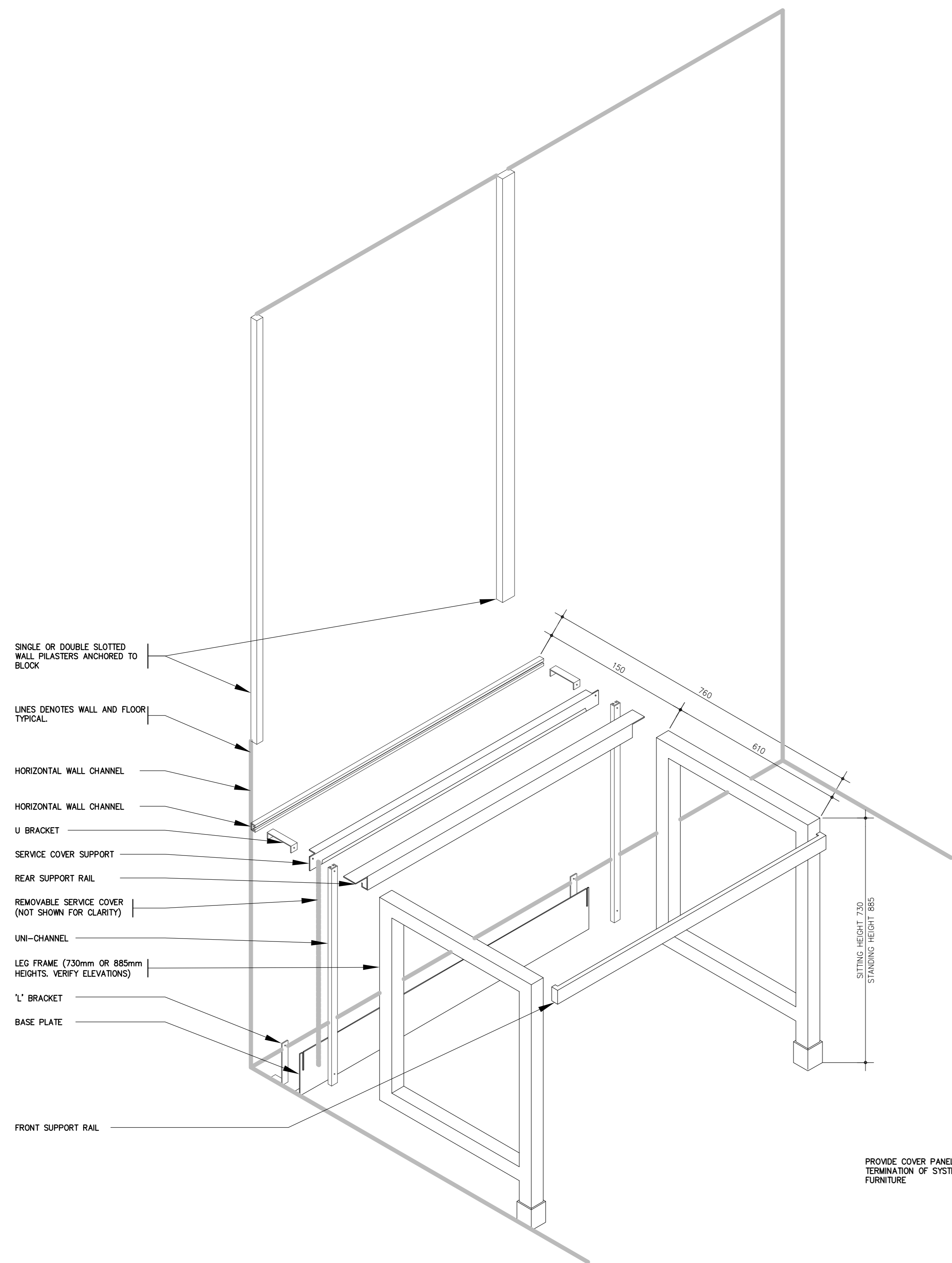
tender  
soutmission **AQUIL ALI** project manager  
administrateur de projets

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date du projet **2013/03/28**

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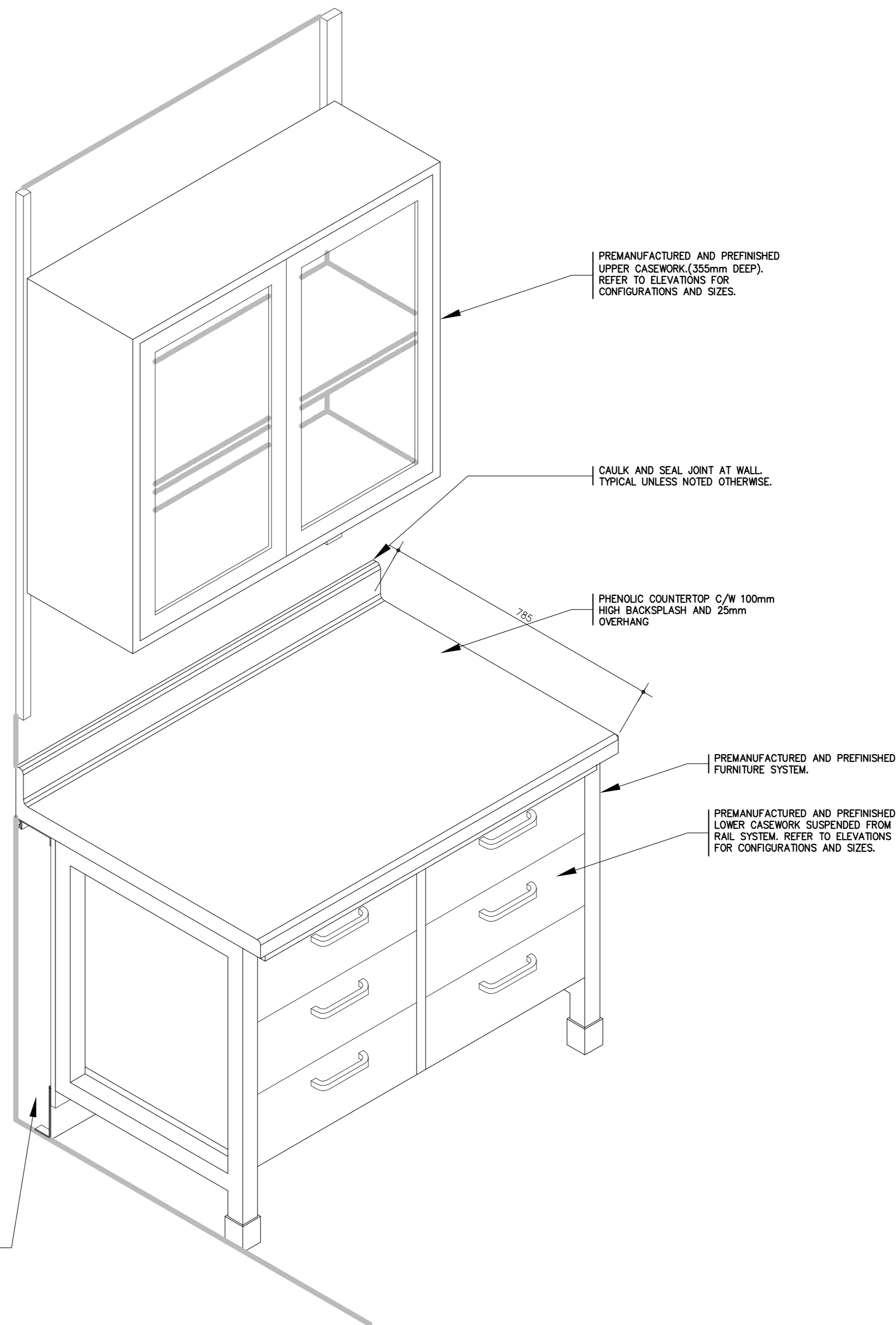
drawing no.  
dessin no. **A3.7**





TYPICAL WALL ASSEMBLY COMPONENTS FOR FURNITURE SYSTEM  
SCALE: 1:10

1  
A4.1



TYPICAL WALL ASSEMBLY  
SCALE: 1:10

2  
A4.1



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**LABORATORY UPGRADES**

drawing title  
titre du dessin  
**WALL SYSTEM FURNITURE COMPONENTS AND DETAILS**

drawn by  
dessiné par **MF**

designed by  
conçu par **DM**

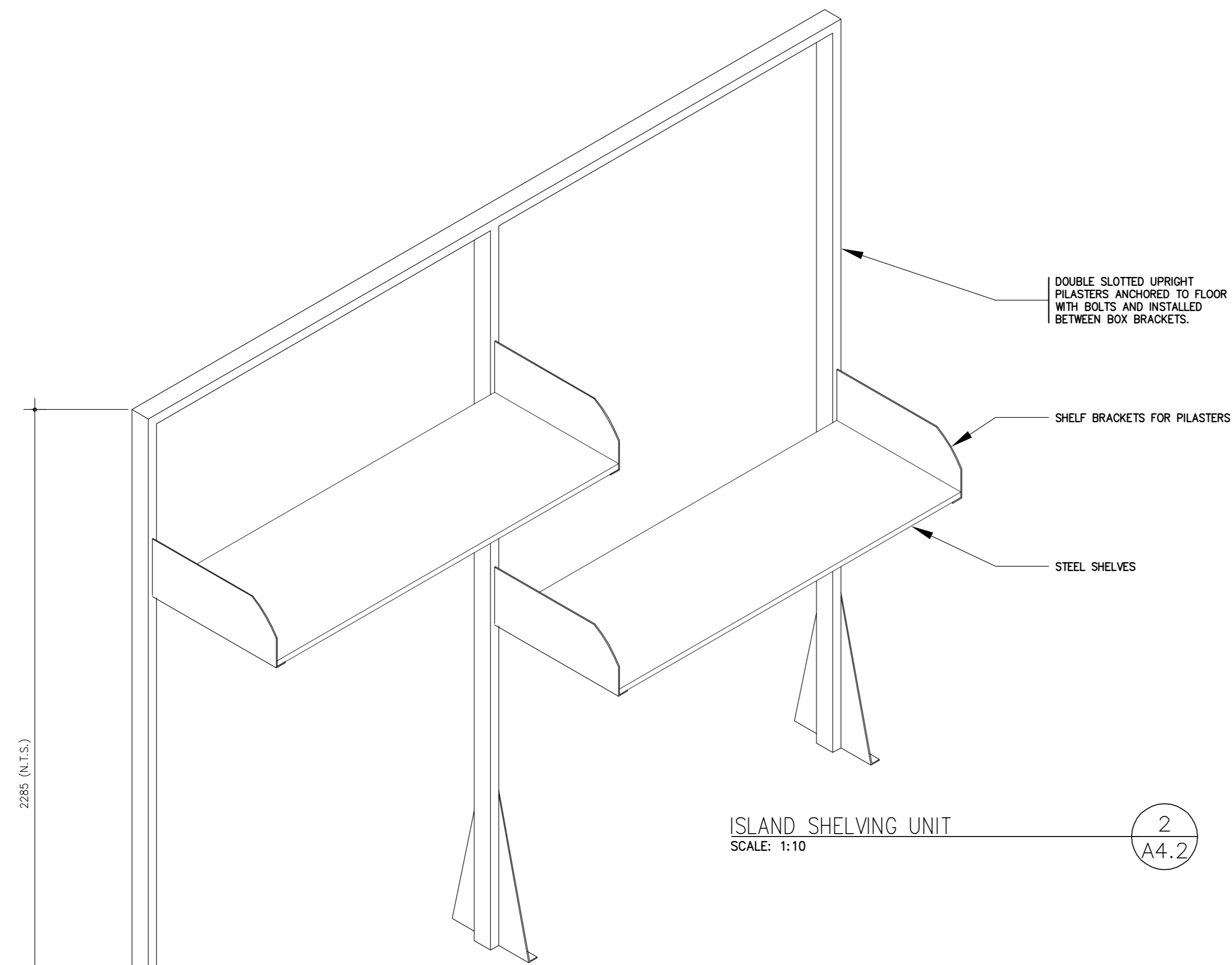
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date du projet **2013/03/28**

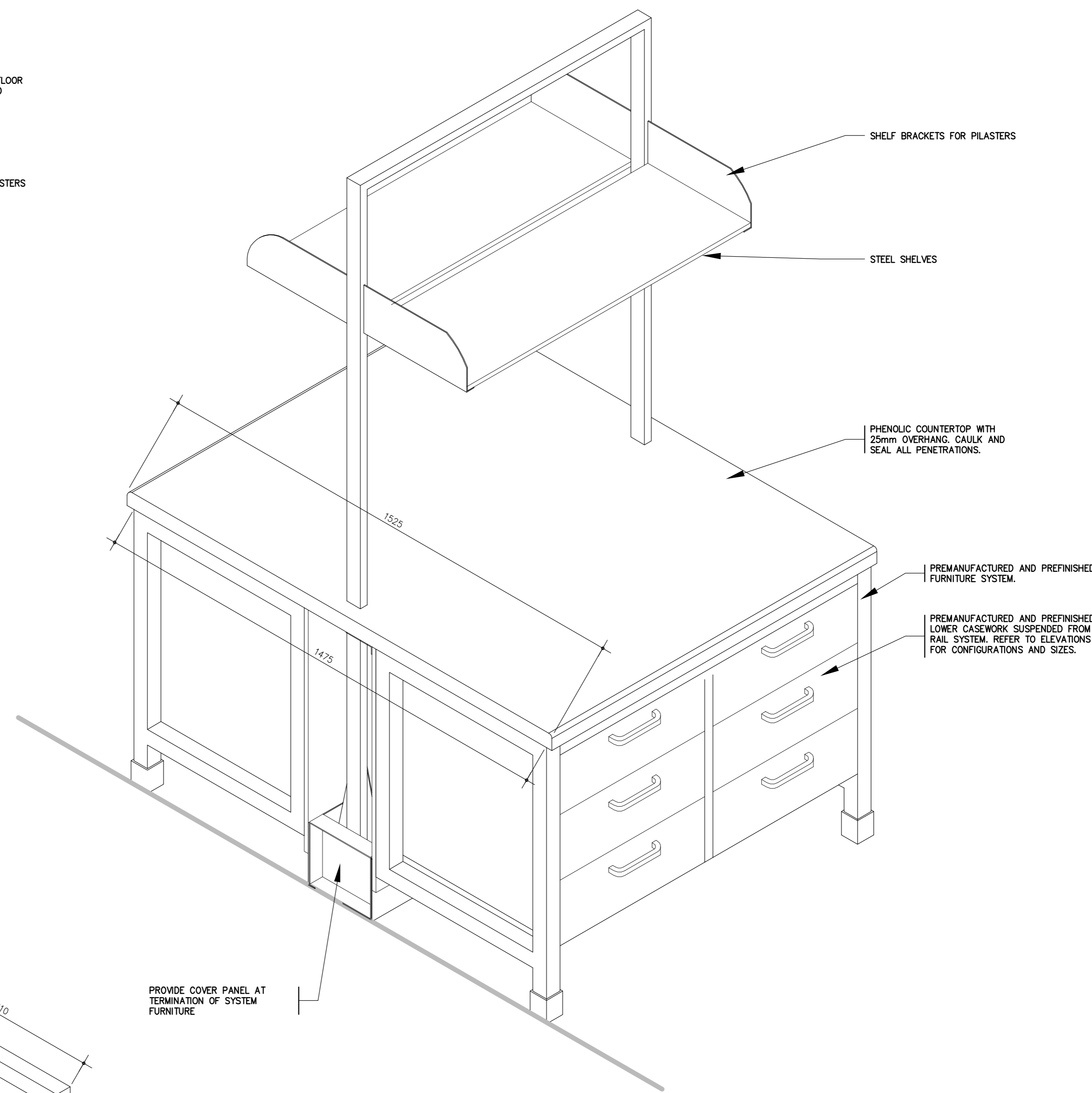
project no.  
no. du projet **R.054345.001**

drawing no.  
dessiné no. **A4.1**



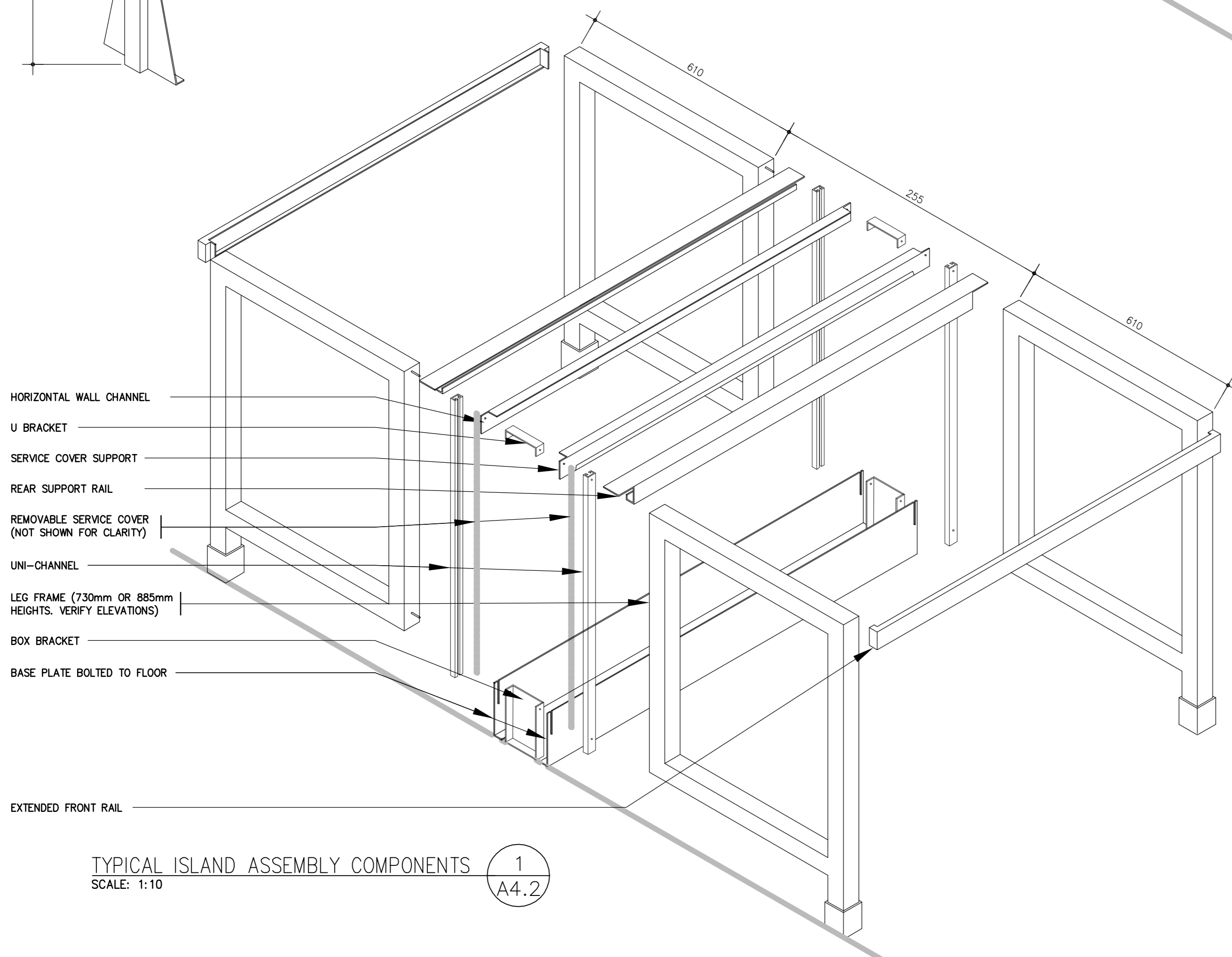
ISLAND SHELVING UNIT  
SCALE: 1:10

2  
A4.2



TYPICAL ISLAND ASSEMBLY  
SCALE: 1:10

3  
A4.2



TYPICAL ISLAND ASSEMBLY COMPONENTS  
SCALE: 1:10

1  
A4.2



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**LABORATORY UPGRADES**

drawing title  
titre du dessin  
**ISLAND SYSTEM FURNITURE COMPONENTS AND DETAILS**

drawn by  
dessiné par **MF**

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conç par **DM**

approved by  
approuvé par

tender  
soutmission **AQUIL ALI** project manager  
administrateur de projets

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project no.  
no. du projet **R.054345.001**

drawing no.  
dessiné no. **A4.2**