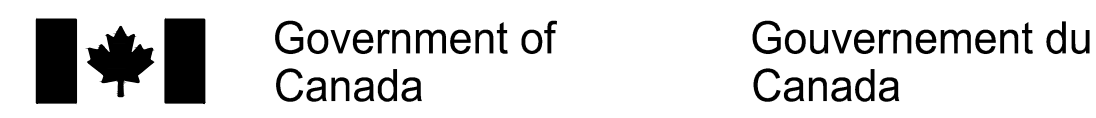


ISSUED FOR TENDER
FEBRUARY 02, 2018

LAB CONVERSION



OTTAWA, ONTARIO

Government of Canada / Gouvernement du Canada
Canada
PETER J. KINDREE ARCHITECT
79 Hinton Avenue N. Ottawa K1Y 0Z7 (613) 860-1530

LIST OF DRAWINGS

ARCHITECTURAL

A001 COVER PAGE; DRAWING LIST, ASSEMBLY & DOOR SCHEDULES

A111 PLANS

A201 TYPICAL MILLWORK ELEVATIONS & DETAILS

A202 TYPICAL ELEVATIONS & DETAILS

MECHANICAL

M1 MECHANICAL LEGENDS, GENERAL NOTES, SPECIFICATIONS & DRAWING LIST

M2 MECHANICAL NEW AND DEMOLITION WORK

ELECTRICAL

E1 ELECTRICAL LEGENDS, SPECIFICATIONS & DRAWING LIST

E2 ELECTRICAL NEW AND DEMOLITION WORK

DRAWING LEGEND

INTERIOR PARTITION TYPE

VESTIBULE
 ROOM NAME AND NUMBER

SHEET-SPECIFIC DRAWING NOTES

SECTION REFERENCE

EXISTING CONSTRUCTION CUT BY DRAWING PLANE TO REMAIN

EXISTING CONSTRUCTION/OBJECTS TO BE REMOVED

PLAN/SECTION CUT THROUGH NEW CONSTRUCTION (CONSTRUCTION TYPE AS INDICATED)

NEW DOOR/DOOR FRAME NUMBER, REF. DOOR SCHEDULE, DOOR NUMBER, ROOM NUMBER

INDICATES AREA NOT IN SCOPE.

ASSEMBLY SCHEDULE

P1 INTERIOR PARTITION WALL CONSTRUCTION FLOOR TO U/S OF ACOUSTIC TILE CEILING. REFER TO DETAIL 1/A202
-16 mm GYPSUM BOARD BOTH SIDES
-92 mm STEEL STUDS @ 400mm O.C.

P2 INTERIOR PARTITION WALL CONSTRUCTION FLOOR TO U/S OF WAFFLE SLAB ZERO HOUR (NON RATED) FIRE RATING EQUIVALENT TO ULC W407 REFER TO DETAIL 2/A202
-16 mm TYPE X GYPSUM BOARD BOTH SIDES
-92 mm STEEL STUDS @ MAX. 400mm O.C.

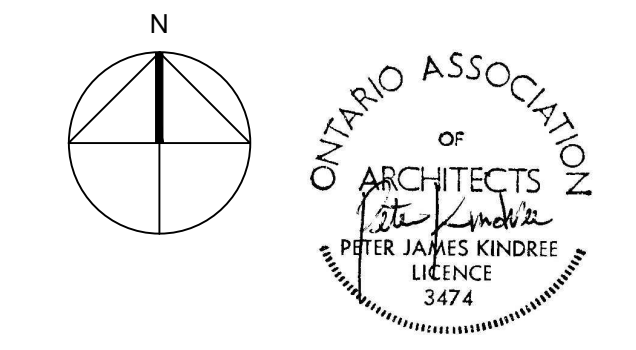
DOOR NO.	FROM	TO	DOOR					FRAME			HAND	FIRE RATING (HR)	REMARKS	
			TYPE	WIDTH	HEIGHT	THICK	MATERIAL	FINISH	TYPE	MATERIAL				FINISH
D82	COR.	82-1	EXISTING DOOR TO REMAIN					FW	VARN.	EXISTING HM FRAME TO REMAIN	PAINT	RH		TYPE D SECURITY DOOR
D82A	82-2	82-4	B	965	2135	44	HM	PAINT	1	HM	PAINT	RHR		TYPE D SECURITY DOOR
D82B	82-1	82-2	A	965	2135	44	FW	PAINT	1	HM	PAINT	RH		FLUSH WOOD DOOR
D82C	82-2	82-3	A	965	2135	44	FW	PAINT	1	HM	PAINT	LHR		FLUSH WOOD DOOR

ABBREVIATIONS:
HM - HOLLOW METAL
FW - FLUSH WOOD

1 DOOR SCHEDULE
A001 SCALE N/A

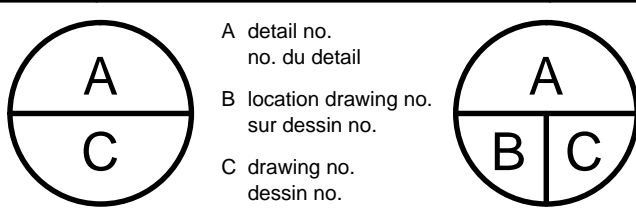
ITEM No.	QTY	NAME	DIMENSIONS
1	3	UPRIGHT FREEZER	860W X 800D X 1720H
2	1	GEN. PURP. FRIDGE/FREEZE	UNKNOWN
3	1	SAMPLE PREP FREEZER/MILL	500L X 533W X 650H
4	2	FUME HOOD	1220W X 635D X 1040H
5	3	ADJUSTABLE HEIGHT TABLE	1830W X 915D
6	1	LAB BALANCE	N/A
7	3	MAGNIFIER LIGHT	N/A
8	1	PRINTER/COPIER	790W X 615D
9	1	LIQUID NITROGEN DEWAR	395W X 373H X 577D
10	2	DESK	1830W X 760D
11	1	BOOKSHELF	N/A
12	1	SIT-STAND DESK	1830W X 760D
13	1	SIT-STAND DESK	1220W X 760D

2 CLIENT SUPPLIED EQUIPMENT SCHEDULE (NIC)
A001 SCALE N/A



L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
Contractor to verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

revisions	description	date
2	ISSUED FOR TENDER	2018/02/02
1	ISSUED FOR 66% REVIEW	2018/01/12



project project

LAB CONVERSION

OTTAWA, ONTARIO

drawing dessin

COVER PAGE, DRAWING LIST, ASSEMBLY & DOOR SCHEDULE

Designed By	PK/RR	Conçu par
Date	JAN 2017	(yyyy/mm/dd)
Drawn By	RR/PM	Dessiné par
Date	JAN 2017	(yyyy/mm/dd)
Reviewed By	PK	Examiné par
Date	JAN 2017	(yyyy/mm/dd)
Approved By	PK	Approuvé par
Date	JAN 2017	(yyyy/mm/dd)
Tender		Soumission
Project Manager	SHELLY LAIDLAW	Administrateur de projets
Project no.		No. du projet
	PTS 4753	
Drawing no.		No. du dessin
	A001	



L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
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revisions	description	date
2	ISSUED FOR TENDER	2018/02/02
1	ISSUED FOR 66% REVIEW	2018/01/12

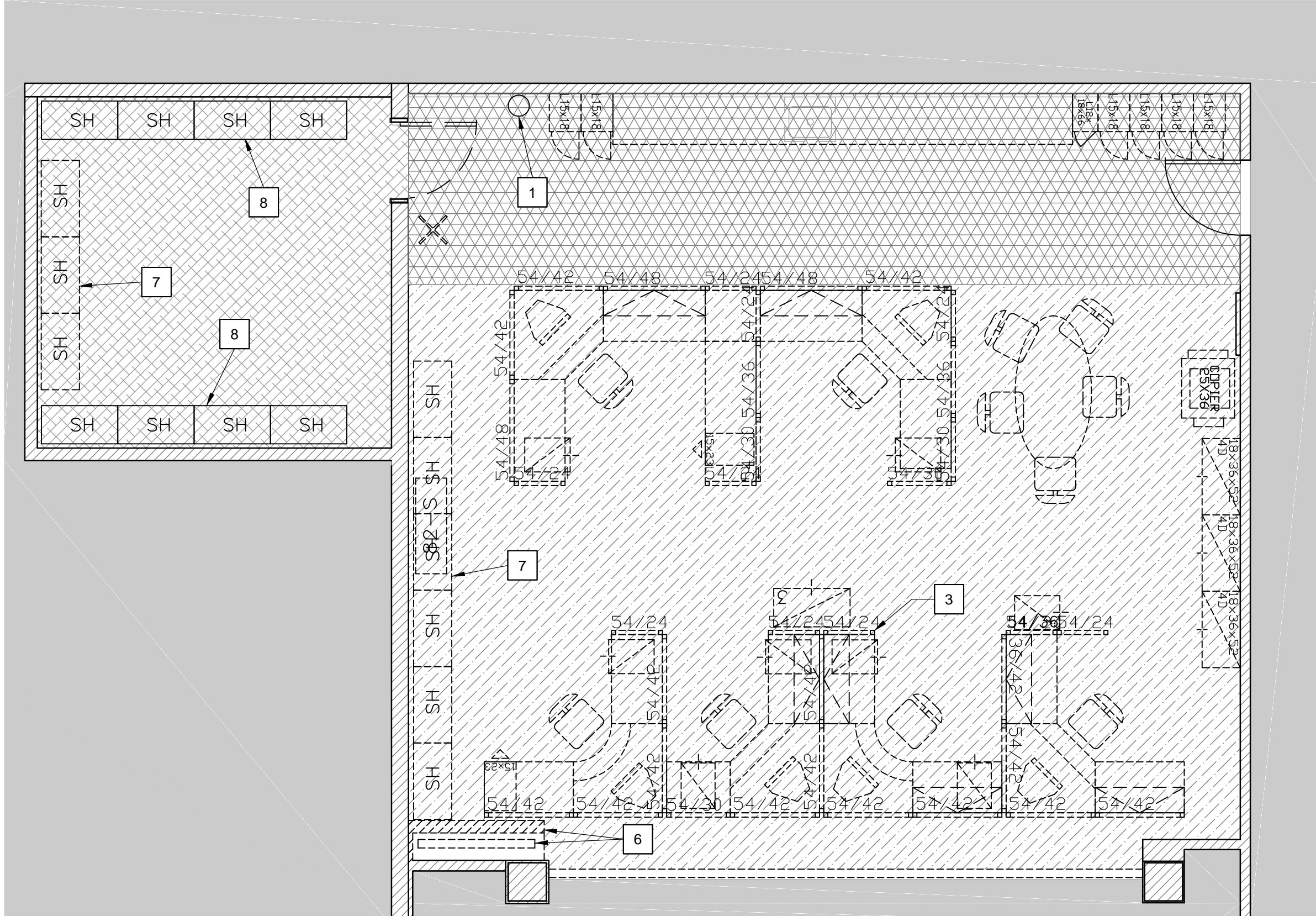
<p>project</p> <p>LAB CONVERSION</p> <p>OTTAWA, ONTARIO</p> <p>drawing</p> <p>PLANS</p>	<p>project</p> <p>LAB CONVERSION</p> <p>OTTAWA, ONTARIO</p> <p>dessin</p> <p>PLANS</p>
<p>Designed By Date PK/RR NOV 2017</p>	<p>Conçu par (yyyy/mm/dd)</p>
<p>Drawn By Date RR/PM NOV 2017</p>	<p>Dessiné par (yyyy/mm/dd)</p>
<p>Reviewed By Date PK NOV 2017</p>	<p>Examiné par (yyyy/mm/dd)</p>
<p>Approved By Date PK NOV 2017</p>	<p>Approuvé par (yyyy/mm/dd)</p>
<p>Tender</p>	<p>Soumission</p>
<p>Project Manager SHELLY LAIDLAW</p>	<p>Administrateur de projets</p>
<p>Project no. PTS 4753</p>	<p>No. du projet</p>
<p>Drawing no. A111</p>	<p>No. du dessin</p>

GENERAL NOTES, A111

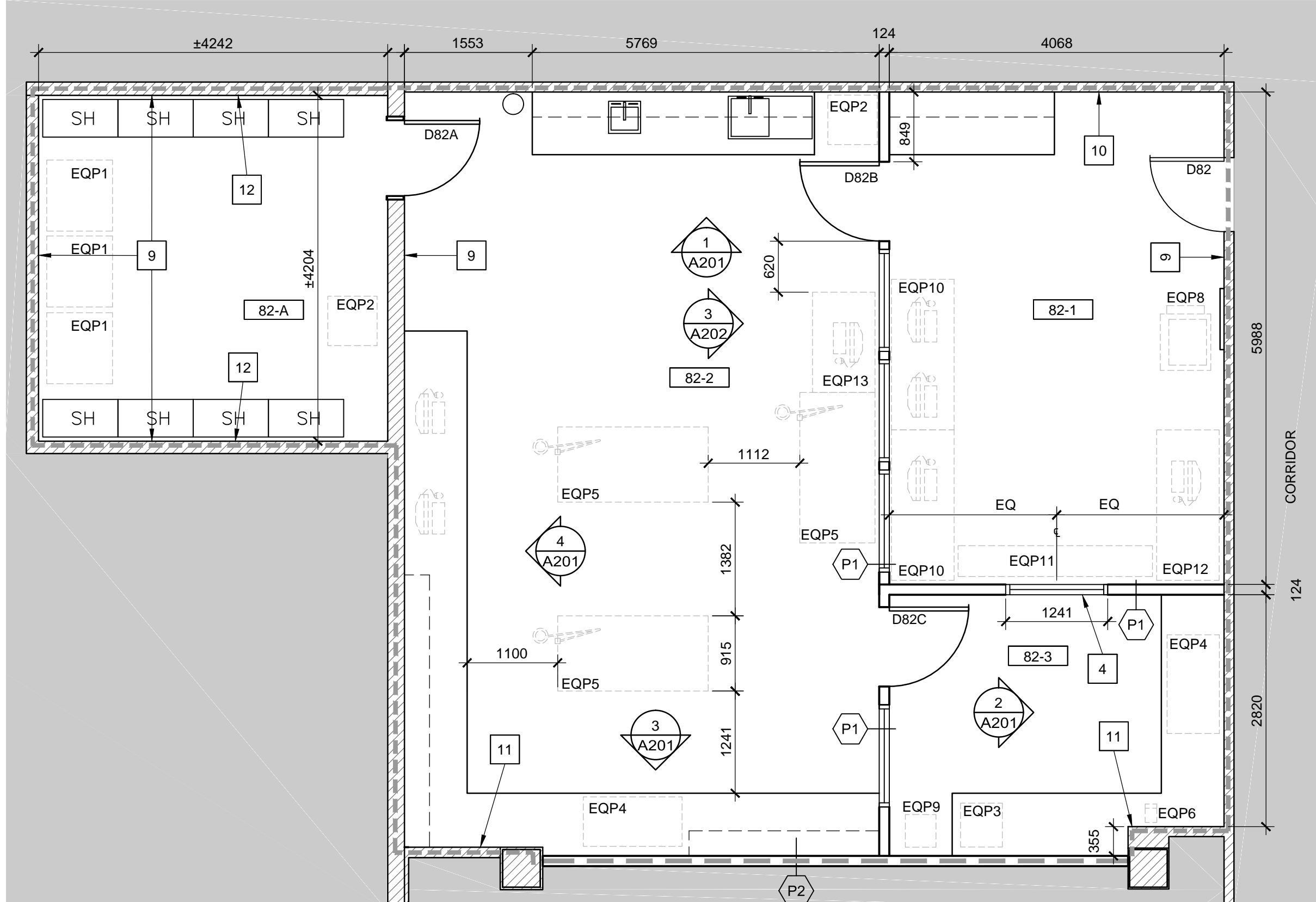
- A. REPAINT ALL EXISTING INTERIOR SURFACES.
- B. COMPUTER TERMINALS SUPPLIED BY CLIENT AND SHOWN FOR REFERENCE ONLY. NOT IN CONTRACT.
- C. ASSUME CONDITION OF EXISTING PARTITIONS PAINT FINISH TO BE BSD LEVEL 2 AS DESIGNATED BY MASTER PAINTERS INSTITUTE (MPI).

DRAWING NOTES, A111

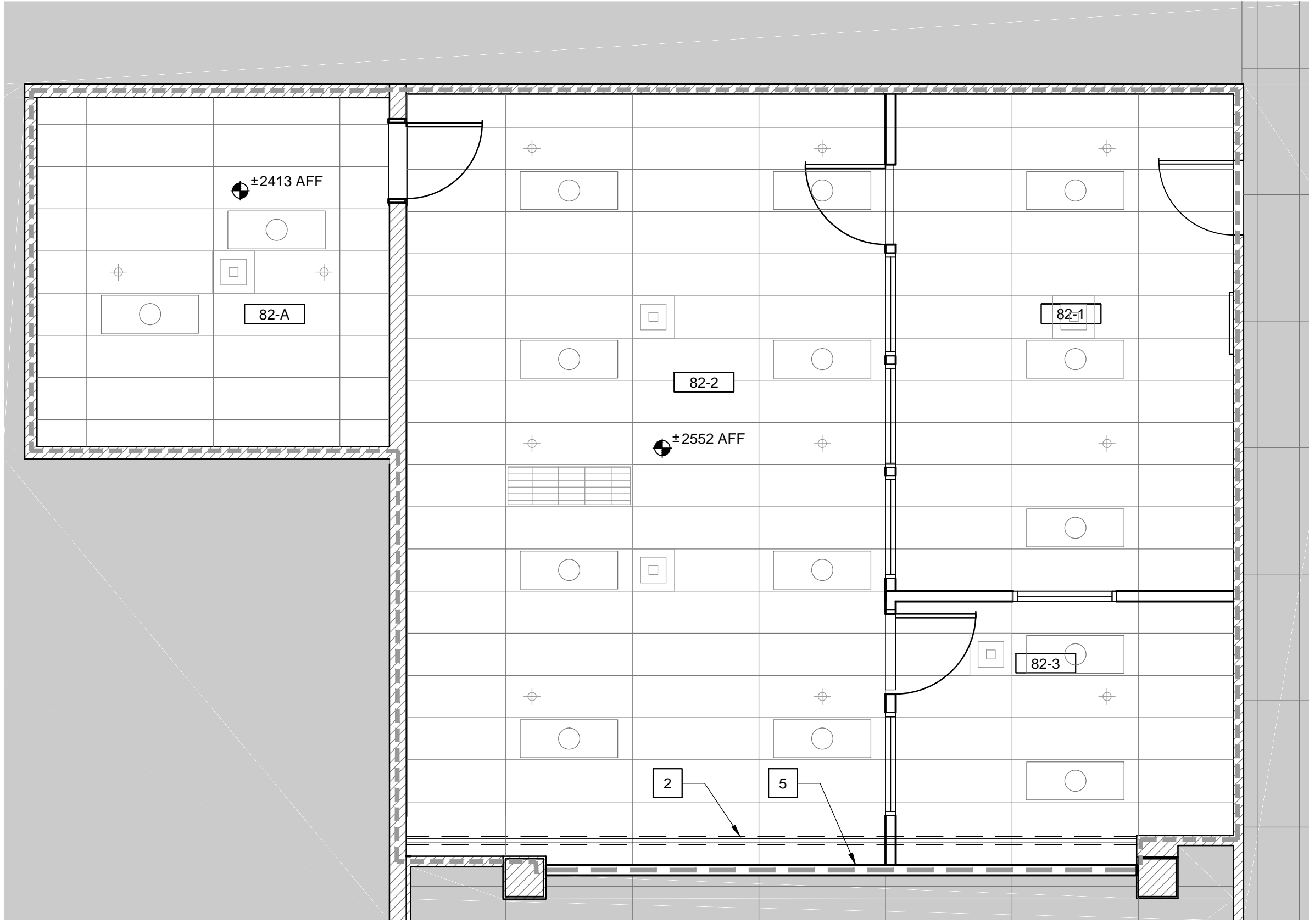
- 1. EXISTING EYE WASH STATION TO REMAIN.
- 2. REMOVE EXISTING TRACK AND SUPPORT FOR FOLDING PARTITION. REPAIR CEILING GRID AND REPLACE TILES AS REQUIRED.
- 3. EXISTING FURNITURE TO BE REMOVED BY DEPARTMENTAL REPRESENTATIVE.
- 4. HOLLOW METAL GLAZING UNIT.
- 5. REMOVE AND REPLACE CEILING GRID AND TILES AS REQUIRED TO ACCOMMODATE CONSTRUCTION OF NEW FLOOR TO SLAB PARTITION AND REMOVAL OF FOLDING PARTITION TRACK. IF REMOVAL OR ALTERATION OF CEILING SUPPORT ELEMENTS IS REQUIRED (I.E. MAIN TEES), NOTIFY DEPARTMENTAL REPRESENTATIVE PRIOR TO WORK, AND PROVIDE ENGINEERED SHOP DRAWINGS AS WELL AS ENGINEER POST-INSTALLATION FIELD REVIEW OF CEILING REINSTATEMENT.
- 6. REMOVE EXISTING FOLDING PARTITION POCKET AND FOLDING PARTITION.
- 7. REMOVE EXISTING WALL MOUNTED METAL SHELVING AND TURN OVER TO DEPARTMENTAL REPRESENTATIVE. PATCH AND REPAIR DAMAGE TO GYPSUM BOARD INCURRED BY REMOVAL.
- 8. EXISTING WALL MOUNTED SHELVING TO REMAIN. REMOVE AS NEEDED TO REPAIR AND PAINT GYPSUM AND REINSTATE.
- 9. EXISTING PARTITION TO REMAIN - CONCRETE BLOCK SLAB TO SLAB WITH GYPSUM BOARD ON FURRING TO ABOVE CEILING.
- 10. EXISTING PARTITION TO REMAIN - METAL STUDS WITH GYPSUM BOARD BOTH SIDES, FLOOR TO SLAB.
- 11. EXISTING PARTITION TO REMAIN - METAL STUDS WITH GYPSUM BOARD BOTH SIDES, FLOOR TO ±100mm ABOVE CEILING. PROVIDE FRAMING AND GYPSUM BOARD TO EXTEND TO UNDERSIDE OF SLAB TO CREATE NON-RATED FIRE SEPARATION.
- 12. PROVIDE INFILL BLOCK AND/OR FIRESTOP TO MAINTAIN INTEGRITY OF NON RATED SEPARATION ABOVE CEILING.



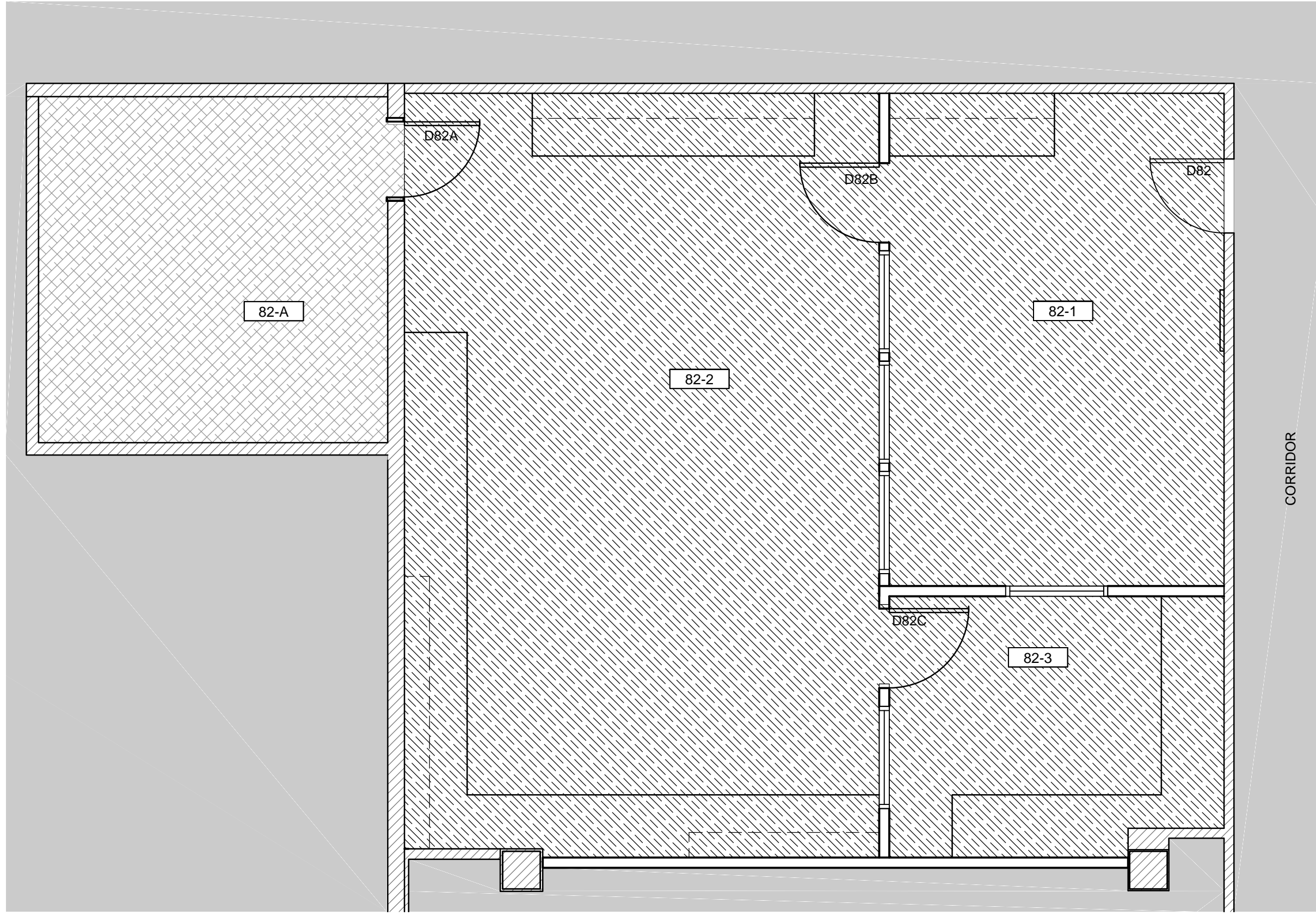
1 LAB DEMOLITION PLAN
SCALE 1:50



2 LAB CONSTRUCTION PLAN
SCALE 1:50



3 LAB REFLECTED CEILING PLAN
SCALE 1:50



4 LAB FINISH PLAN
SCALE 1:50

LEGEND CONSTRUCTION / FINISH PLANS

- INDICATES AREA & EXTENT OF EXISTING CARPET AND BASE TO BE REMOVED.
- INDICATES AREA & EXTENT OF EXISTING VCT OR SHEET VINYL TO BE REMOVED.
- INDICATES AREA & EXTENT OF EXISTING VCT OR SHEET VINYL TO REMAIN
- INDICATES AREA & EXTENT OF NEW LINOLEUM AND BASE TO BE INSTALLED.
- NEW ZERO HOUR (NON-RATED) FIRE SEPARATION.
- EXISTING CONSTRUCTION - PATCH AND REPAIR/FIRE STOP TO PROVIDE ZERO HOUR RATED FIRE SEPARATION



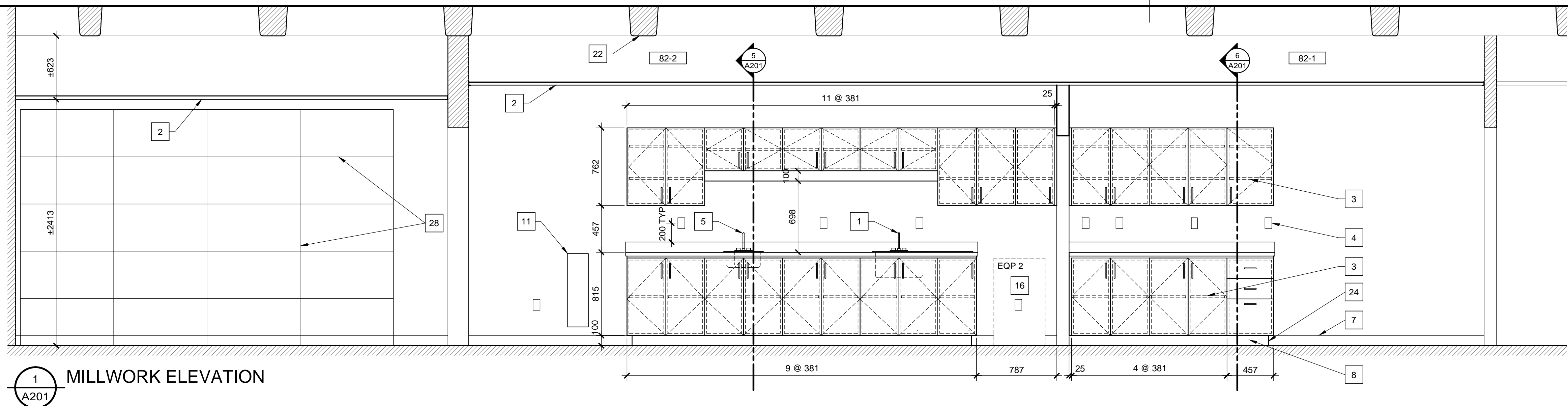
L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
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GENERAL NOTES, A503

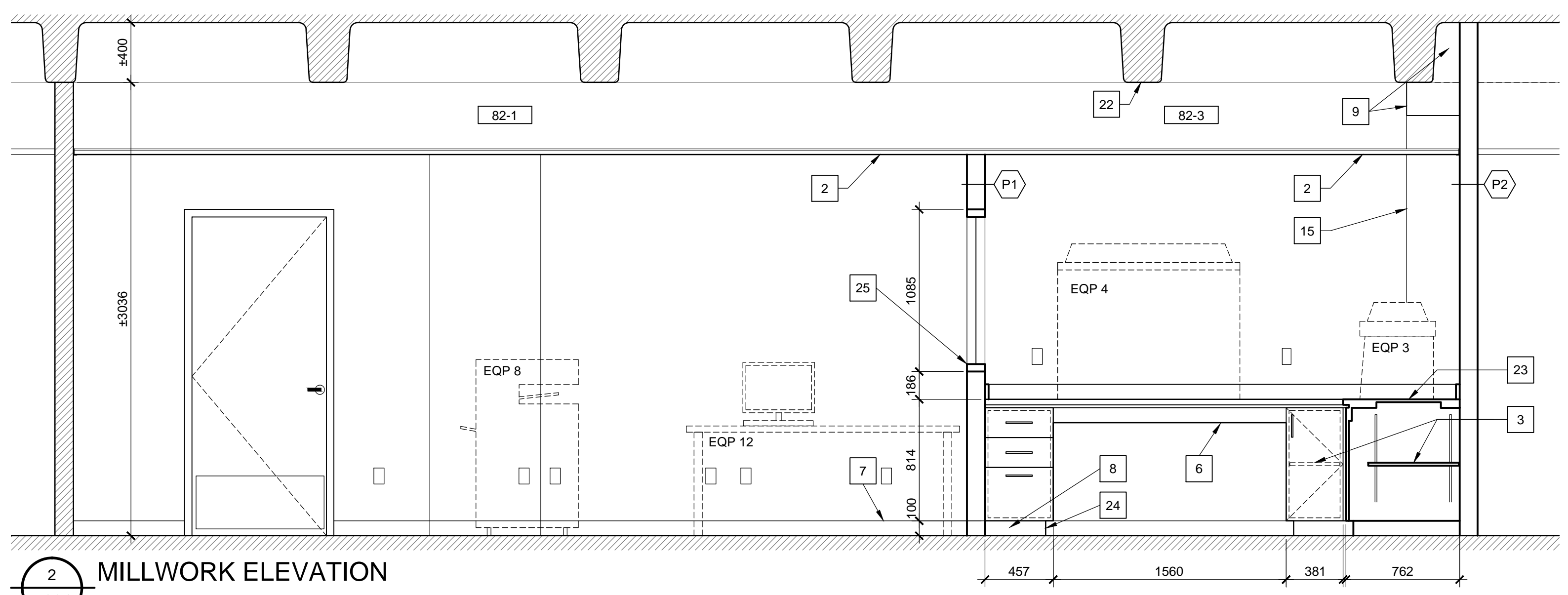
- A. PROVIDE BACKING IN WALL AS REQUIRED TO SUPPORT CABINETS, COUNTERS OR GABLES.
- B. UNLESS OTHERWISE INDICATED, ALL COUNTERS CONSTRUCTED TO A HEIGHT OF 915 mm.

DRAWING NOTES, A503

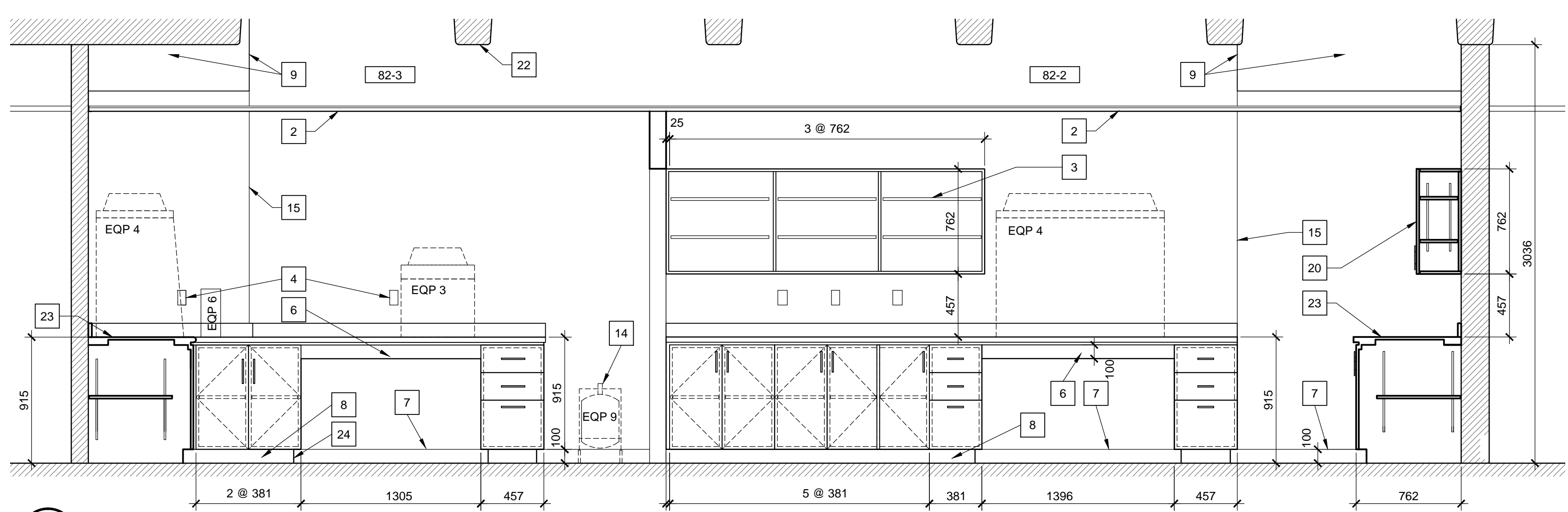
1. SINGLE BOWL SINK WITH DRAINBOARD. REFER TO MECHANICAL.
2. EXISTING ACOUSTIC TILE CEILING TO REMAIN.
3. ADJUSTABLE SHELVES.
4. ELECTRICAL OUTLETS, REFER TO ELECTRICAL.
5. HAND WASHING SINK. REFER TO MECHANICAL.
6. FRONT END PANEL. REINFORCE AS REQUIRED, INCLUDING DOUBLE LAYER OF 19mm PLYWOOD, TO PROVIDE ADEQUATE SUPPORT FOR COUNTER.
7. INTEGRATED COVE BASE
8. TOE KICK PANEL WITH RESILIENT BASE.
9. FRAME AND GYPSUM BOARD AS NEEDED TO EXTEND EXISTING PARTITION TO UNDERSIDE OF SLAB TO COMPLETE NON-RATED FIRE SEPARATION.
10. VALANCE IN LAMINATE FINISH TO MATCH CABINETS. TO CONCEAL TASK LIGHTING; REFER TO ELECTRICAL.
11. EXISTING EYEWASH STATION TO REMAIN.
12. CABINET/DRAWER PULLS REFER TO SPECIFICATIONS.
13. VALANCE LIGHTING. REFER TO ELECTRICAL.
14. LIQUID NITROGEN DEWAR BY OTHERS.
15. EXISTING DRYWALL PILASTER, FROM FLOOR TO CEILING.
16. REFRIGERATOR BY OTHERS.
17. END FILLER PANELS AS REQUIRED
18. NOTE NOT USED.
19. COUNTERTOP IN SECTION
20. UPPER CABINET IN SECTION. REFER TO ELEVATIONS AND DETAILS ON THIS SHEET AS INDICATED.
21. GABLE END OF CABINET BEYOND IN ELEVATION.
22. EXISTING CONCRETE WAFFLE SLAB TO REMAIN.
23. BASE CABINETS AND COUNTERTOP IN SECTION
24. WRAP TOE-KICK AROUND GABLE OF BASE CABINETS CW RESILIENT BASE, TYPICAL. SCRIBE TOE KICK AND RESILIENT BASE TO COVED FLOORING BASE AT PARTITION.
25. HOLLOW METAL FRAMES WITH GLAZING.
26. CONSTRUCT CABINET BASE FRAMING TO ACCOMMODATE COVED FLOORING BASE.
27. GABLE, 2 LAYERS 15mm PARTICLEBOARD.
28. EXISTING WALL MOUNTED SHELVING TO REMAIN. REFER TO CONSTRUCTION PLAN 2/A111.



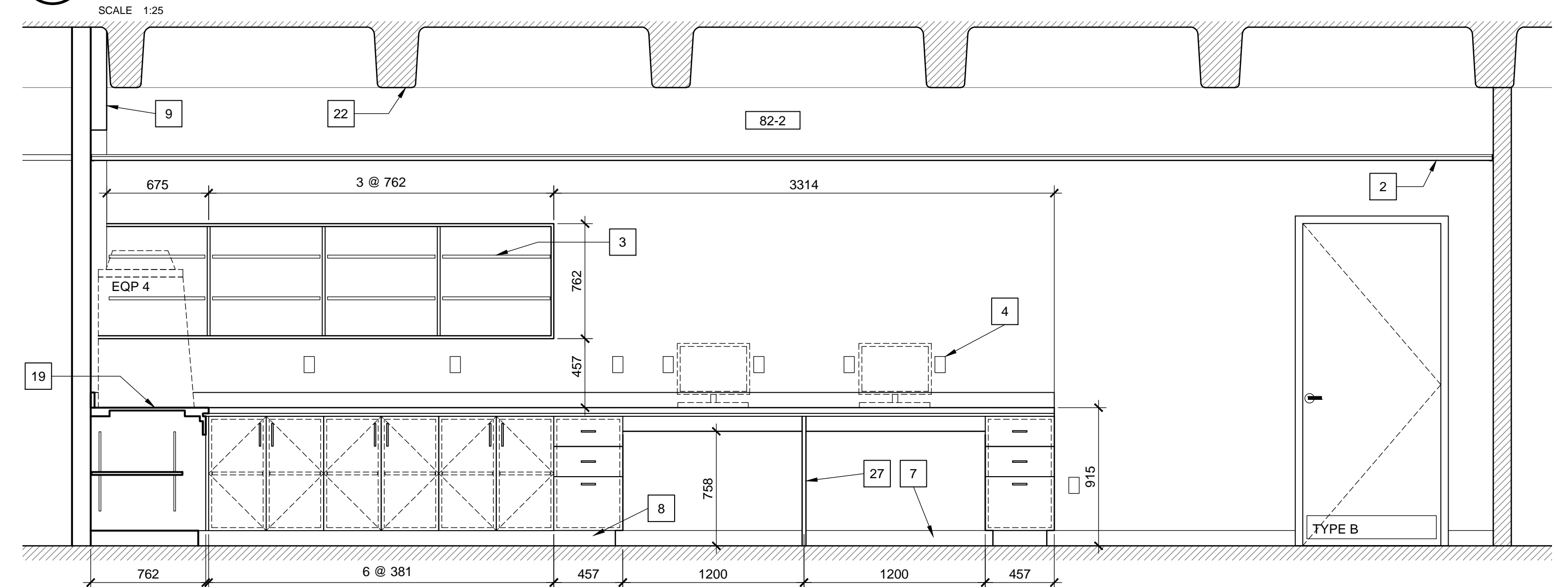
1 MILLWORK ELEVATION
SCALE 1:25



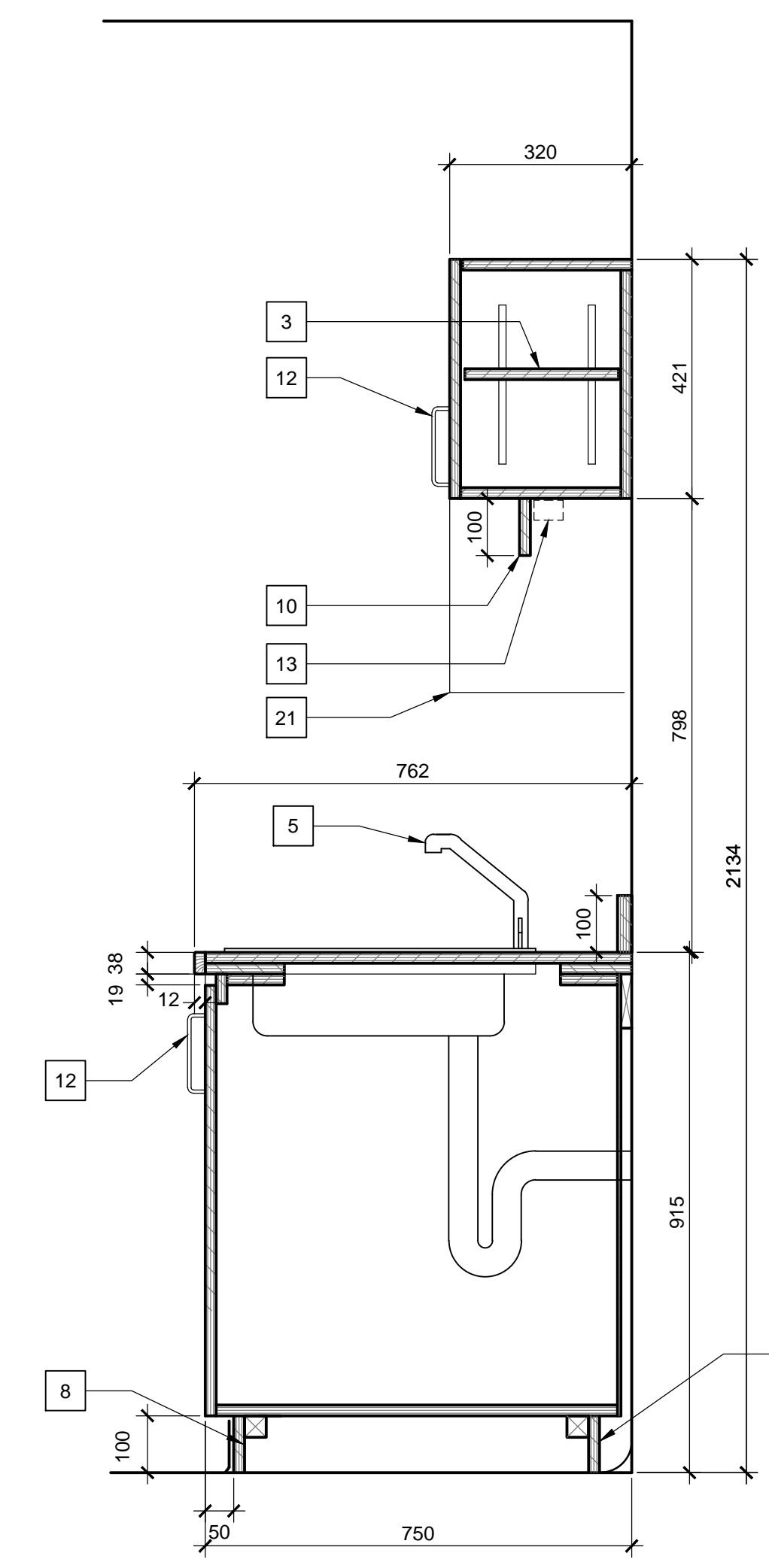
2 MILLWORK ELEVATION
SCALE 1:25



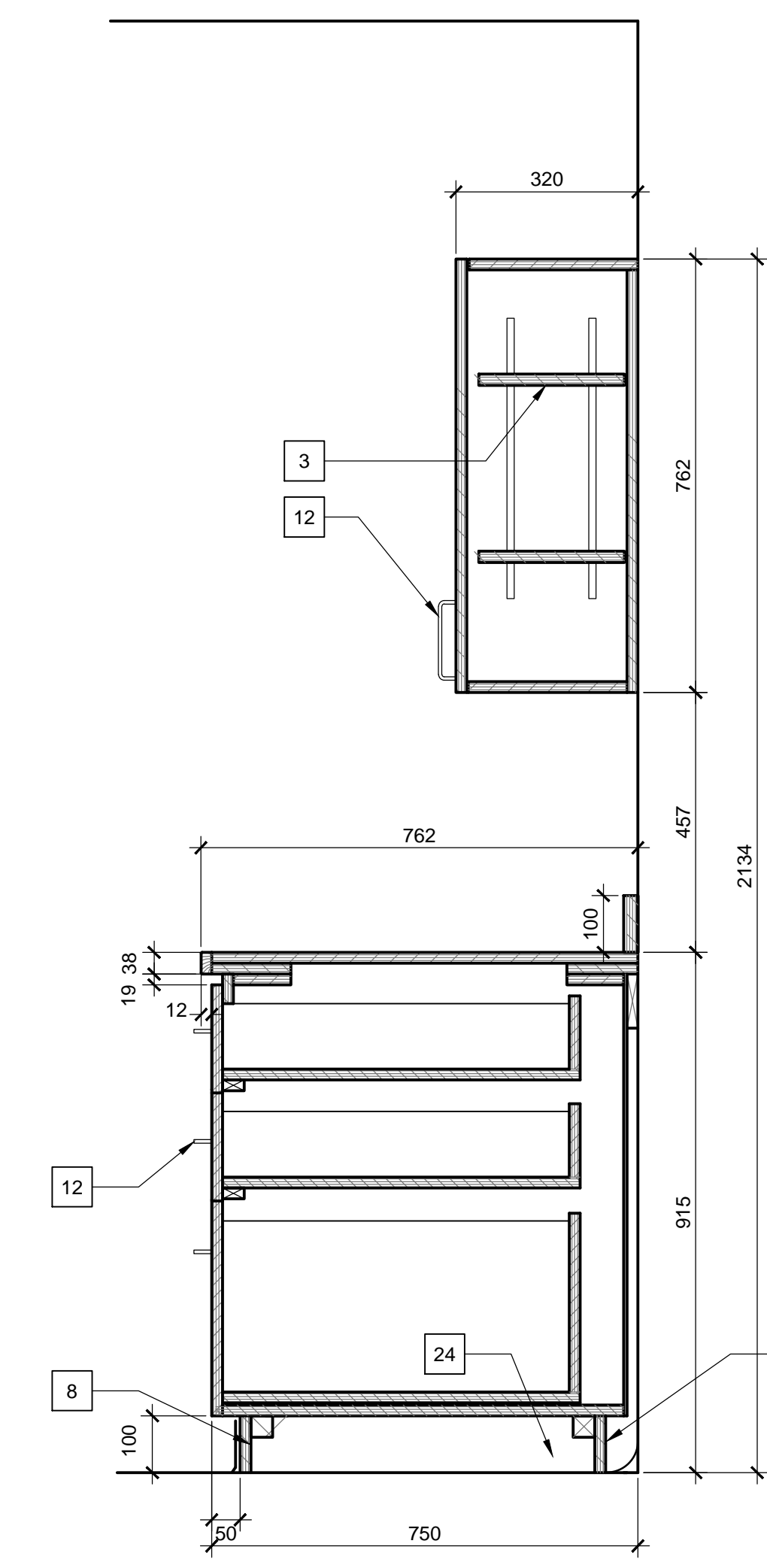
3 MILLWORK ELEVATION
SCALE 1:25



4 MILLWORK ELEVATION
SCALE 1:25



5 MILLWORK DETAIL
SCALE 1:10



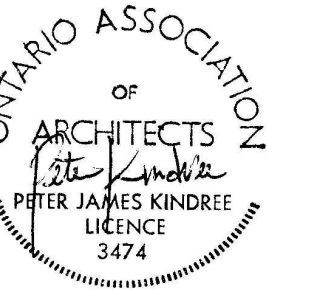
6 MILLWORK DETAIL
SCALE 1:10

2	ISSUED FOR TENDER	2018/02/02																		
1	ISSUED FOR 66% REVIEW	2018/01/12																		
revisions	description	date																		
<table border="0"> <tr> <td>A</td> <td>A detail no.</td> <td>A</td> </tr> <tr> <td>C</td> <td>no. du detail</td> <td>C</td> </tr> <tr> <td></td> <td>B location drawing no.</td> <td>B</td> </tr> <tr> <td></td> <td>sur dessin no.</td> <td>B</td> </tr> <tr> <td></td> <td>C drawing no.</td> <td>C</td> </tr> <tr> <td></td> <td>dessin no.</td> <td>C</td> </tr> </table>			A	A detail no.	A	C	no. du detail	C		B location drawing no.	B		sur dessin no.	B		C drawing no.	C		dessin no.	C
A	A detail no.	A																		
C	no. du detail	C																		
	B location drawing no.	B																		
	sur dessin no.	B																		
	C drawing no.	C																		
	dessin no.	C																		
project	LAB CONVERSION																			
project	OTTAWA, ONTARIO																			
drawing	TYPICAL MILLWORK ELEVATIONS & DETAILS																			
dessin																				
Designed By	PK/RR	Conçu par																		
Date	JAN 2018	(yyyy/mm/dd)																		
Drawn By	RR/PM	Dessiné par																		
Date	JAN 2018	(yyyy/mm/dd)																		
Reviewed By	PK	Examiné par																		
Date	JAN 2018	(yyyy/mm/dd)																		
Approved By	PK	Approuvé par																		
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Tender		Soumission																		
Project Manager	SHELLY LAIDLAW	Administrateur de projets																		
Project no.		No. du projet																		
	PTS 4753																			
Drawing no.		No. du dessin																		
	A201																			



PETER J. KINDREE ARCHITECT

79 Hinton Avenue N.
Ottawa K1Y 0Z7 (613) 860-1530



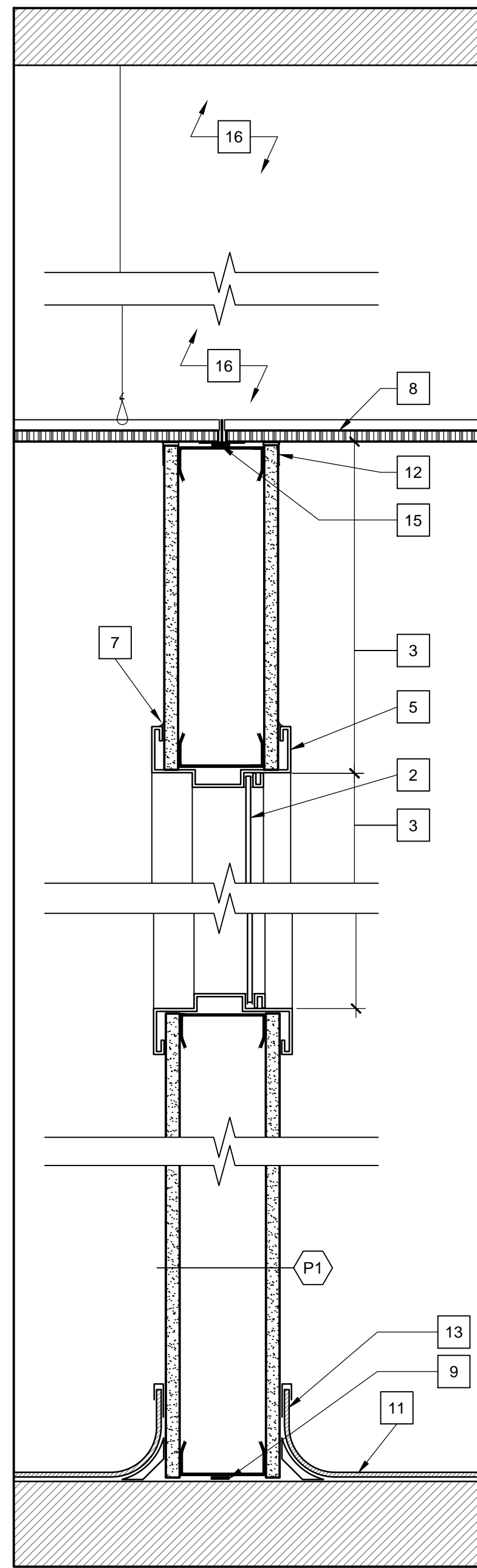
L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
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GENERAL NOTES, A202

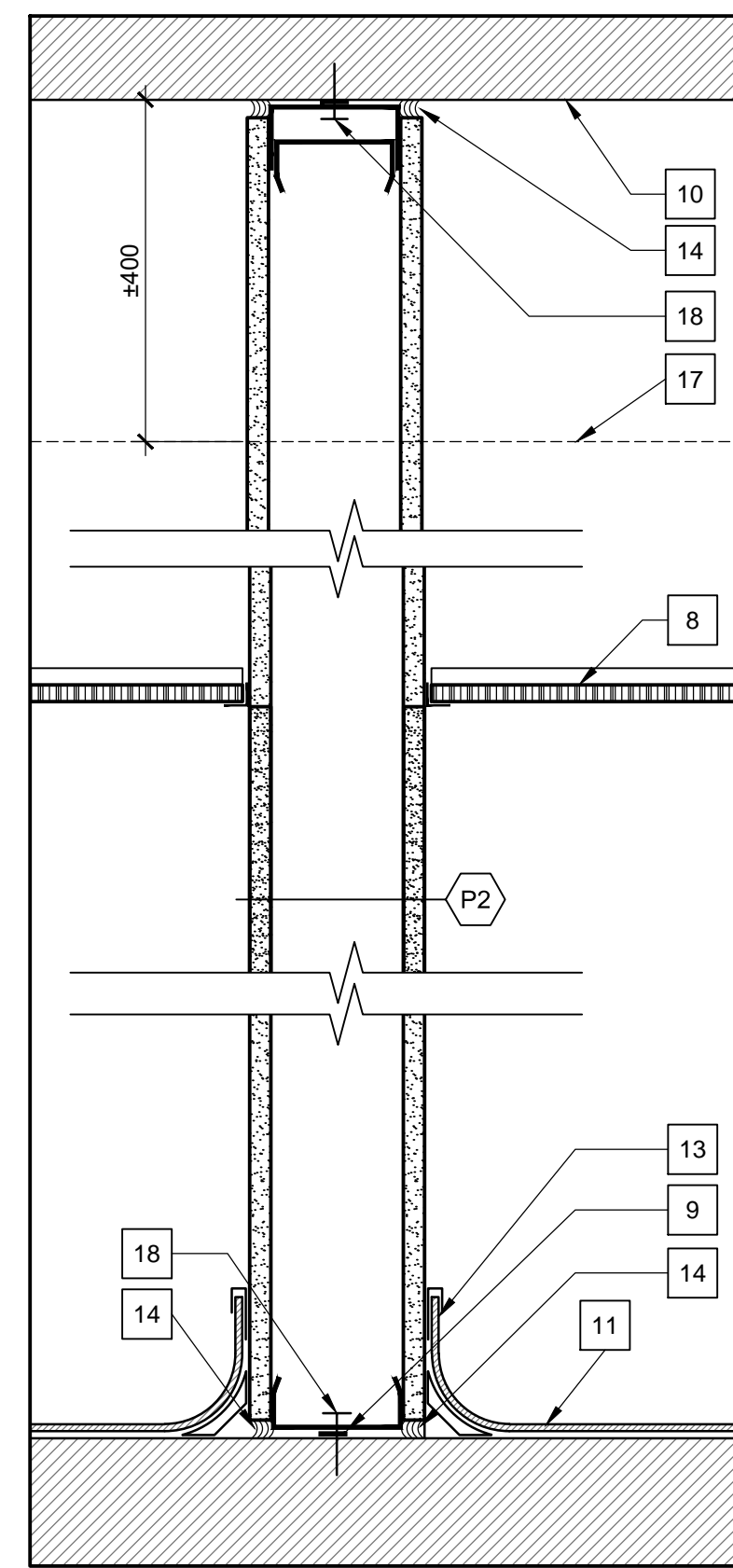
A SITE VERIFY FLOOR TO CEILING HEIGHT

DRAWING NOTES, A202

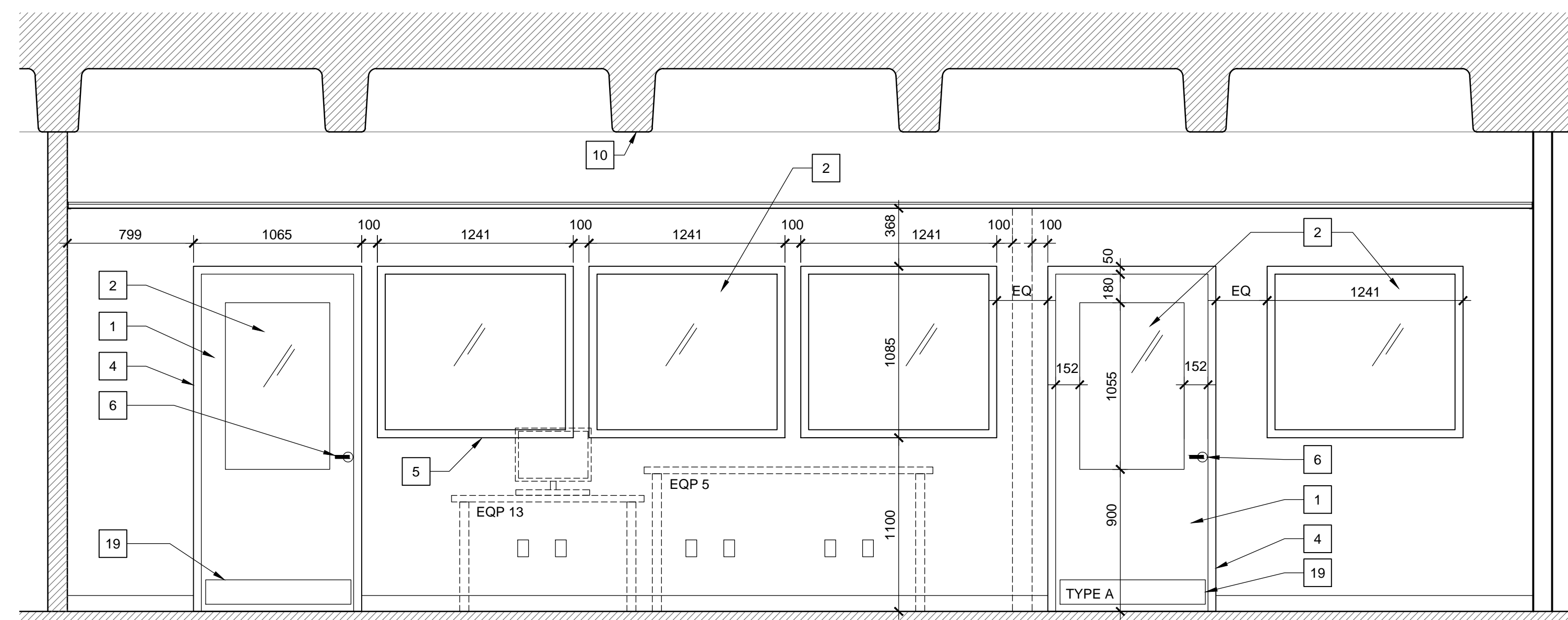
1. DOOR: REFER TO DOOR SCHEDULES FOR DIMENSIONS AND MATERIAL.
2. 6mm CLEAR TEMPERED GLAZING IN FRAME OR DOOR AS INDICATED
3. REFER TO ELEVATION DETAILS ON THIS SHEET FOR GLAZING DIMENSIONS.
4. DOOR FRAME. REFER TO DOOR SCHEDULE FOR DIMENSIONS AND MATERIAL.
5. HOLLOW METAL FRAME.
6. DOOR HARDWARE. REFER TO SPECIFICATIONS.
7. PROVIDE CONTINUOUS SEALANT @ FRAME/DRYWALL JUNCTION.
8. EXISTING SUSPENDED LAY-IN ACOUSTICAL TILE CEILING SYSTEM TO REMAIN. CUT AND REPAIR AS NEEDED TO ACCEPT NEW WORK.
9. PROVIDE NOISE STOP FOAM SEAL CONTINUOUS UNDER BOTTOM TRACK. MINIMUM 12MM THICK & 19MM WIDE.
10. EXISTING WAFFLE SLAB ABOVE TO REMAIN.
11. FLOOR FINISH.
12. PROVIDE CONTINUOUS PAPER-FACED "J" SHAPE METAL TRIM AT TOP OF DRYWALL, FINISH WITH JOINT COMPOUND; PROVIDE CONTINUOUS 3mm GAP BETWEEN TOP OF DRYWALL AND UNDERSIDE OF CEILING.
13. INTEGRAL COVE BASE.
14. FIRE STOPPING AT ALL PERIMETER JUNCTIONS BETWEEN EXISTING SLAB AND PARTITION, AND AT ALL PENETRATIONS THROUGH SLAB-TO-SLAB PARTITION.
15. 45mm X 3mm NOISE STOP FOAM SEAL BETWEEN CEILING GRID AND CEILING TRACK
16. PROVIDE FASTENING BETWEEN BELOW-CEILING PARTITION COMPONENTS AND ABOVE-CEILING LATERAL BRACING FOR PARTITION ASSEMBLY AS REQUIRED BY ENGINEERED PARTITION FRAMING SHOP DRAWINGS AND IN COORDINATION WITH RELATED ARCHITECT/ELEC WORK AND EXISTING CONDITIONS. DO NOT FASTEN TO SUSPENDED CEILING FOR LATERAL SUPPORT.
17. FRAME AS REQUIRED TO ACCOMMODATE WAFFLE SLAB PROFILE.
18. FASTEN TRACK TO SLAB WITH FASTENERS 600mm O.C. POWDER ACTUATED FASTENERS ARE NOT ACCEPTABLE.
19. KICKPLATE



1 SECT. DET. @ TYP. PART. TYPE P1
SCALE: 1:5



2 SECT. DET. @ TYP. PART. TYPE P2
SCALE: 1:5



3 GLAZING ELEVATIONS
SCALE: 1:25

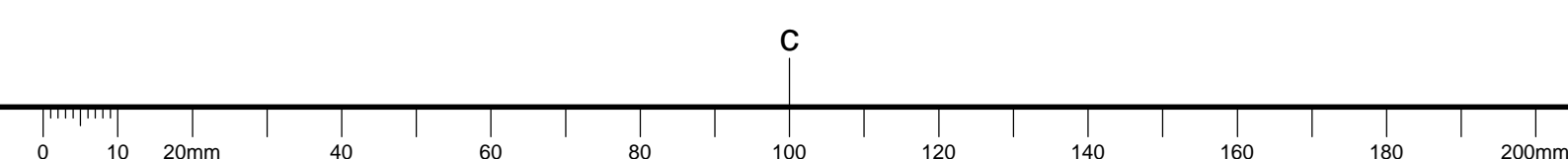
revisions	description	date
2	ISSUED FOR TENDER	2018/02/02
1	ISSUED FOR 66% REVIEW	2018/01/12

A	A
C	B/C

project **LAB CONVERSION** projet
OTTAWA, ONTARIO

drawing **TYPICAL ELEVATIONS, DETAILS** dessin

Designed By Date	PK/RR JAN/18	Conçu par (yyyy/mm/dd)
Drawn By Date	RR/PM JAN/18	Dessiné par (yyyy/mm/dd)
Reviewed By Date	PK JAN/18	Examiné par (yyyy/mm/dd)
Approved By Date	PK JAN/18	Approuvé par (yyyy/mm/dd)
Tender		Soumission
Project Manager	SHELLY LAIDLAW	Administrateur de projets
Project no.		No. du projet
	PTS 4753	
Drawing no.		No. du dessin
	A202	





L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
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3	ISSUED FOR TENDER	2018-02-02
2	ISSUED FOR 66% REVIEW	2018-01-12
1	ISSUED FOR COORDINATION	2017-12-22

revisions	description	date
A	A detail no. du detail	
B	B location drawing no. sur dessin no.	
C	C drawing no. dessin no.	

project project

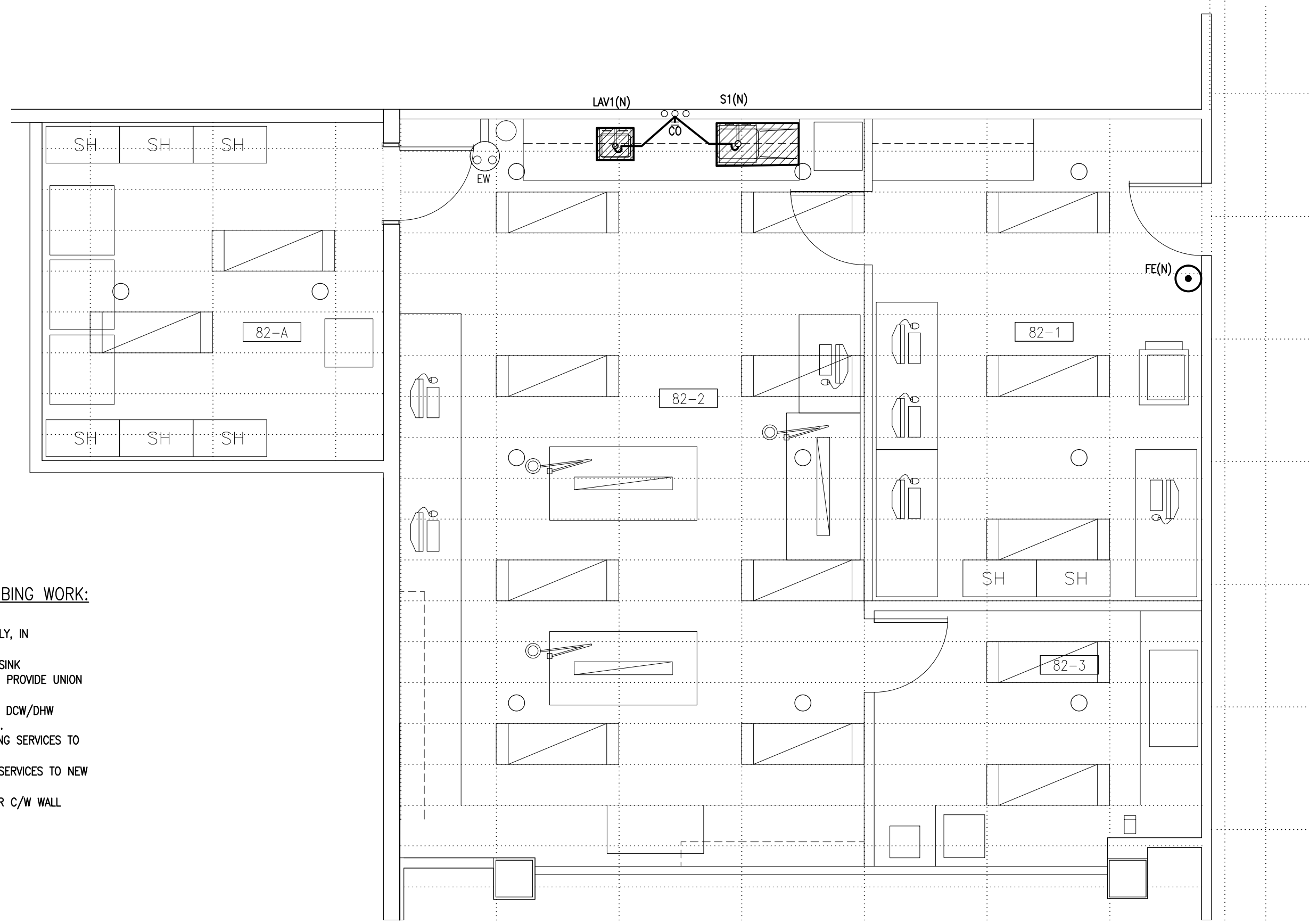
LAB CONVERSION

OTTAWA, ONTARIO

drawing dessin

MECHANICAL NEW AND DEMOLITION WORK

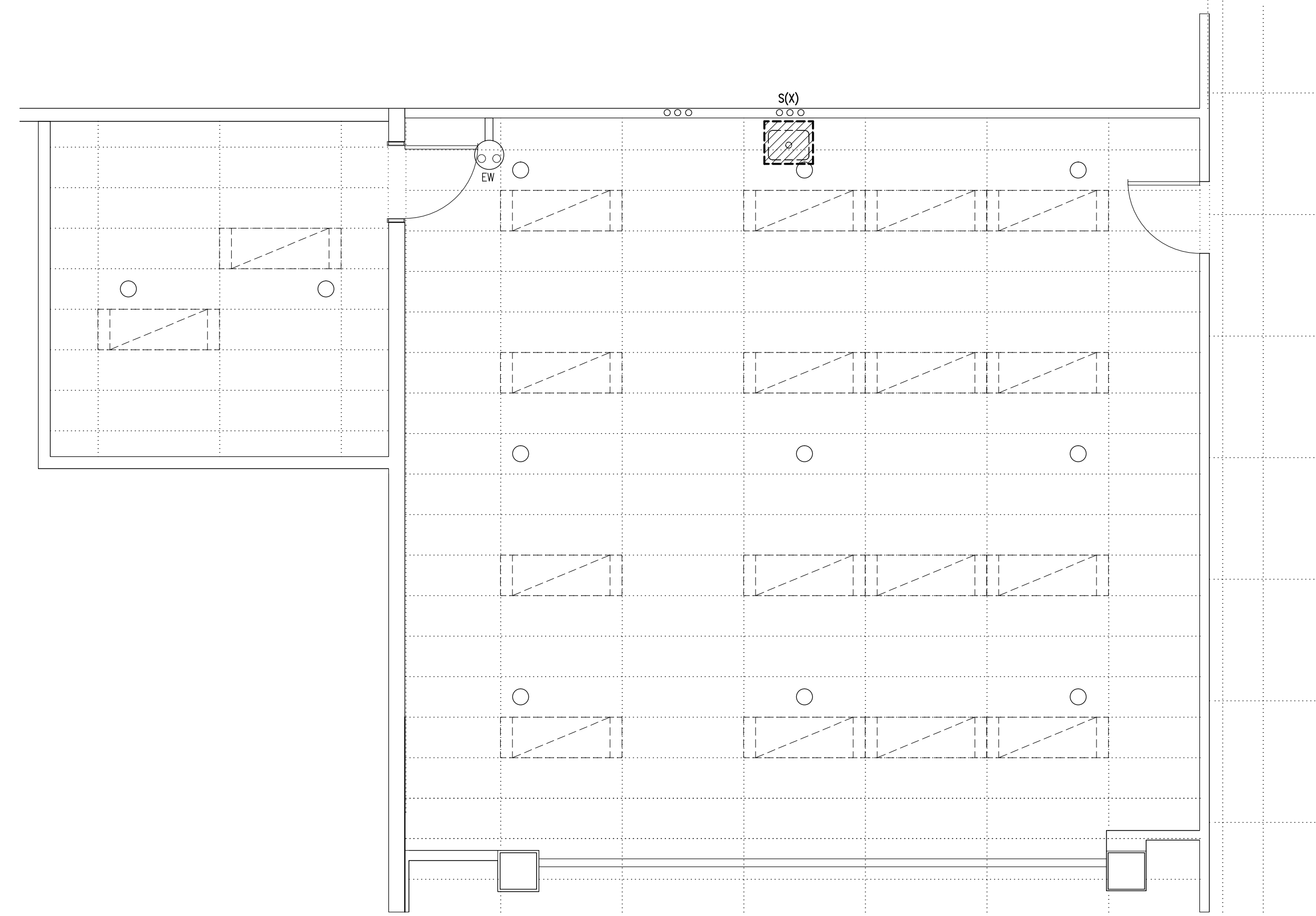
Designed By	R.L.	Conçu par	R.L.
Date	JAN 2018	(yyyy/mm/dd)	
Drawn By	R.L.	Dessiné par	R.L.
Date	JAN 2018	(yyyy/mm/dd)	
Reviewed By	R.L.	Examiné par	R.L.
Date	JAN 2018	(yyyy/mm/dd)	
Approved By		Approuvé par	
Date		(yyyy/mm/dd)	
Tender		Soumission	
Project Manager	SHELLY LAIDLAW	Administrateur de projets	
Project no.	PTS 4753	No. du projet	
Drawing no.	M2	No. du dessin	



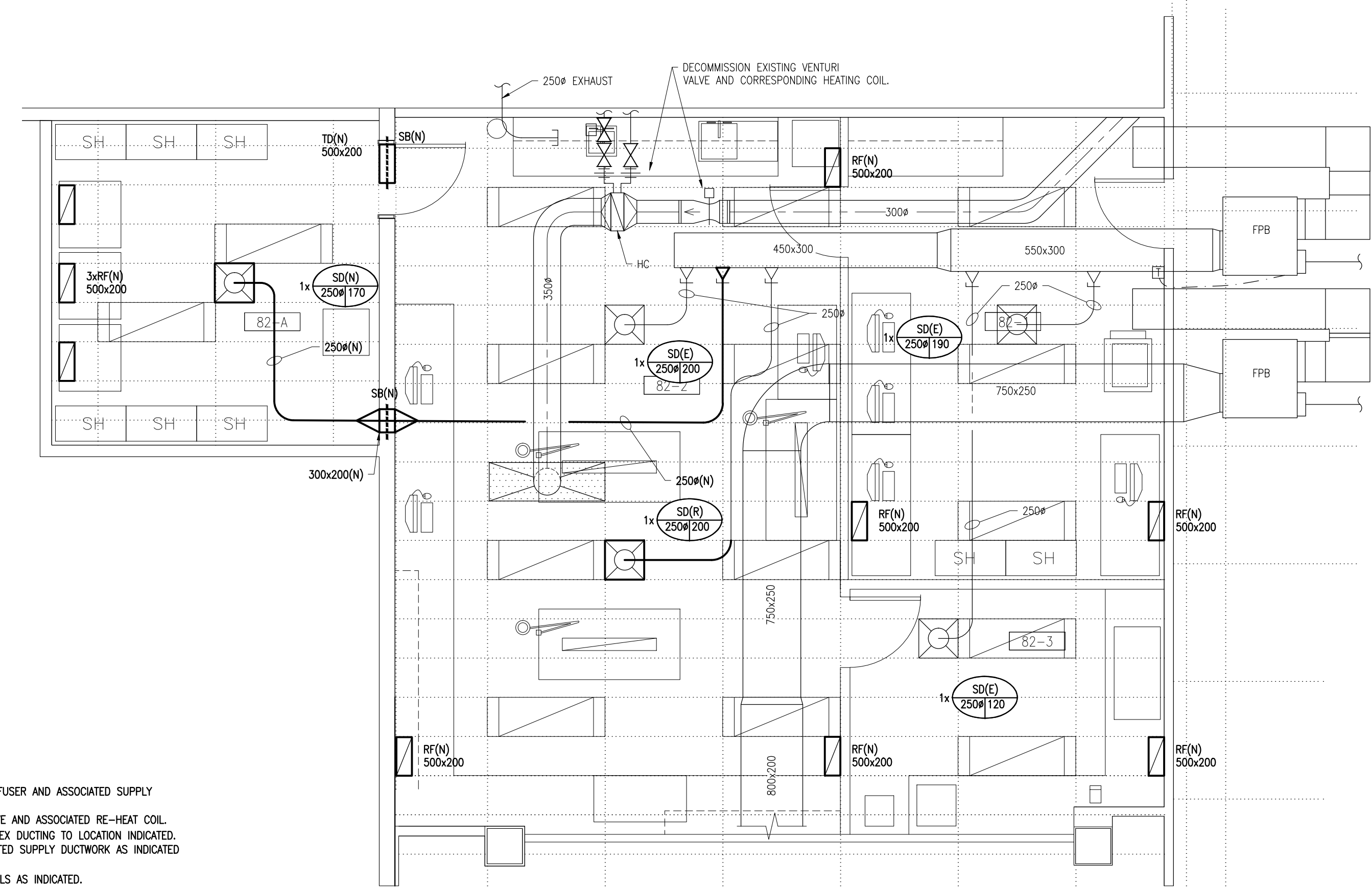
2 FIRE PROTECTION AND PLUMBING - NEW WORK
 M2 1:50

DESCRIPTION OF FIRE PROTECTION AND PLUMBING WORK:

1. REMOVE EXISTING SINK C/W ASSOCIATED P-TRAP ASSEMBLY, IN PREPARATION FOR NEW SINK AND LAVATORY INSTALLATION.
2. PROVIDE NEW SINK S-1 C/W WASHBOARD, P-TRAP AND SINK INTERCEPTOR. REFER TO FUTURE SCHEDULE FOR DETAILS. PROVIDE UNION CONNECTION AT SINK INTERCEPTOR.
3. PROVIDE NEW HAND WASH SINK LAV-1 C/W P-TRAP AND DOW/DHW CONNECTIONS. REFER TO FUTURE SCHEDULE FOR DETAILS.
4. EXTEND NEW DOMESTIC HOT & COLD WATER FROM EXISTING SERVICES TO NEW SINK & LAV C/W PIPE INSULATION.
5. EXTEND NEW SANITARY AND VENT PIPING FROM EXISTING SERVICES TO NEW SINK & LAV.
6. PROVIDE NEW WALL MOUNTED ABC 5LB FIRE EXTINGUISHER C/W WALL MOUNT BRACKETS AS INDICATED.



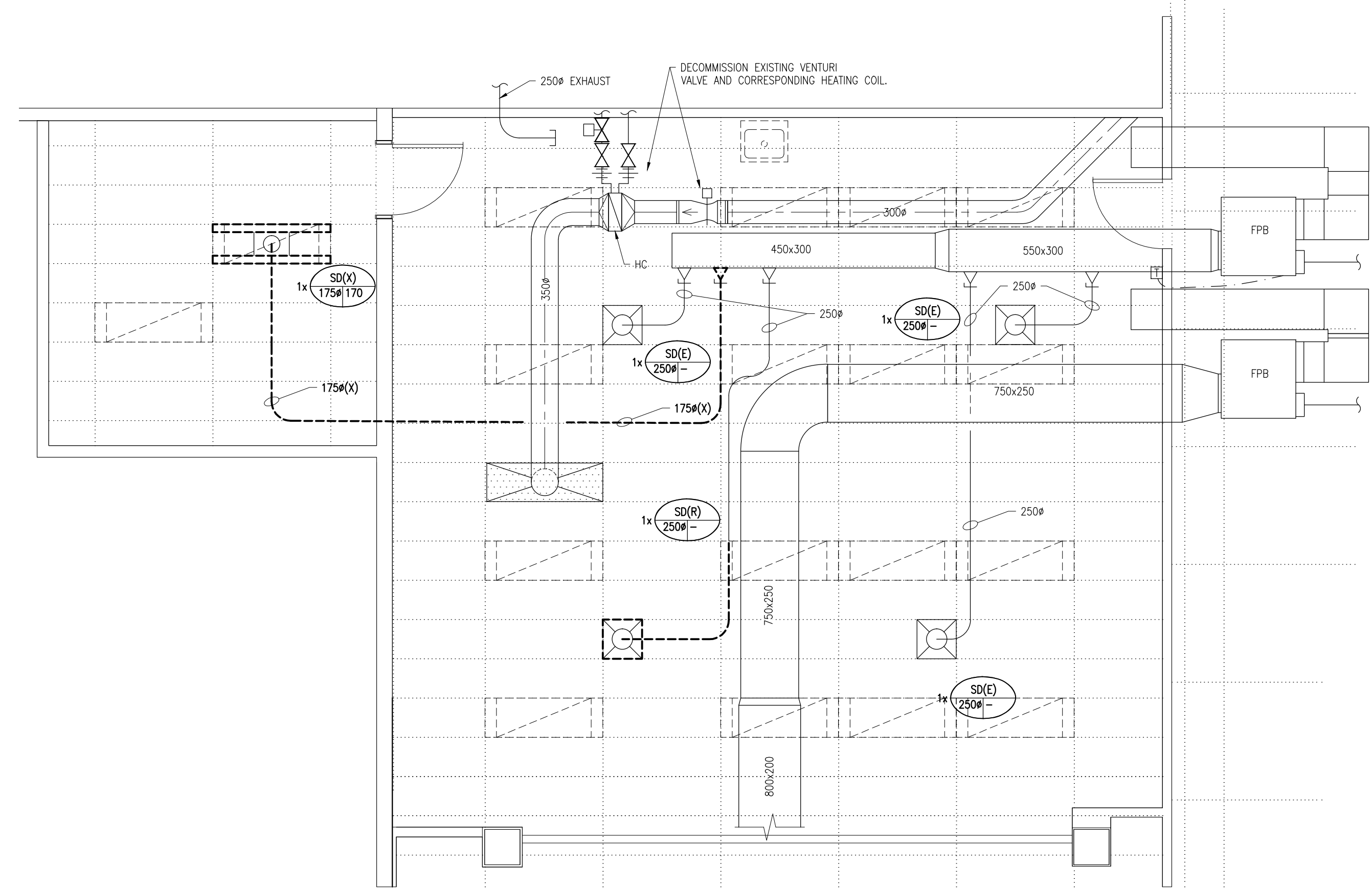
1 FIRE PROTECTION AND PLUMBING - DEMOLITION WORK
 M2 1:50



4 HVAC - NEW WORK
 M2 1:50

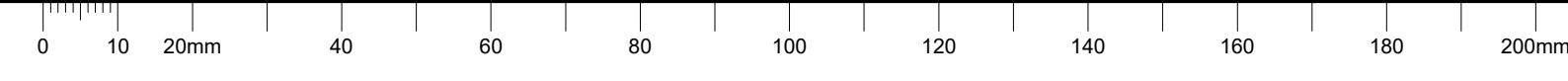
DESCRIPTION OF HVAC WORK:

1. REMOVE EXISTING LIGHT TROOPER DIFFUSER AND ASSOCIATED SUPPLY DUCTWORK AS INDICATED.
2. DECOMMISSION EXISTING VENTURI VALVE AND ASSOCIATED RE-HEAT COIL.
3. RELOCATE EXISTING DIFFUSER C/W FLEX DUCTING TO LOCATION INDICATED.
4. PROVIDE NEW DIFFUSER AND ASSOCIATED SUPPLY DUCTWORK AS INDICATED C/W THERMAL INSULATION.
5. PROVIDE NEW EDGECRATE RETURN GRILLS AS INDICATED.
6. PROVIDE NEW SECURITY BARS AS DETAILED IN 1/4" ALLOW FOR INSPECTION BY RCMP.
7. BALANCE SUPPLY DIFFUSERS TO VALUES INDICATED. BALANCE EXISTING FAN POWERED MIXING BOX TO VALUES INDICATED IN SCHEDULE. SUBMIT BALANCING REPORT TO DEPARTMENTAL REPRESENTATIVE FOR REVIEW.



3 HVAC - DEMOLITION WORK
 M2 1:50

C





L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.
Contractor to verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

3	ISSUED FOR TENDER	2018-02-02
2	ISSUED FOR 66% REVIEW	2018-01-12
1	ISSUED FOR COORDINATION	2017-12-22

revisions	description	date
A	A detail no. du detail	
B	B location drawing no. sur dessin no.	
C	C drawing no. dessin no.	

LAB CONVERSION

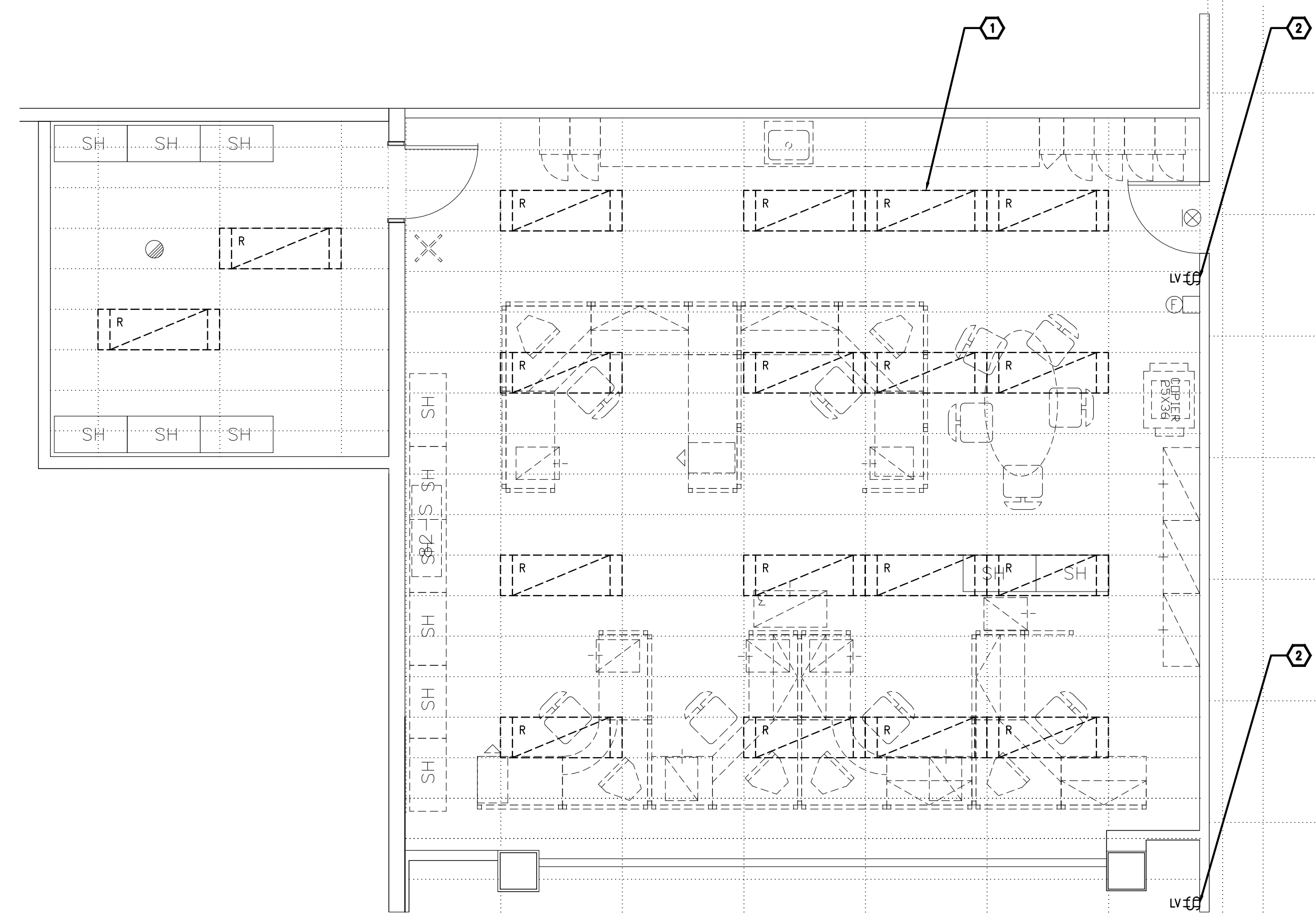
OTTAWA, ONTARIO

ELECTRICAL NEW AND DEMOLITION WORK

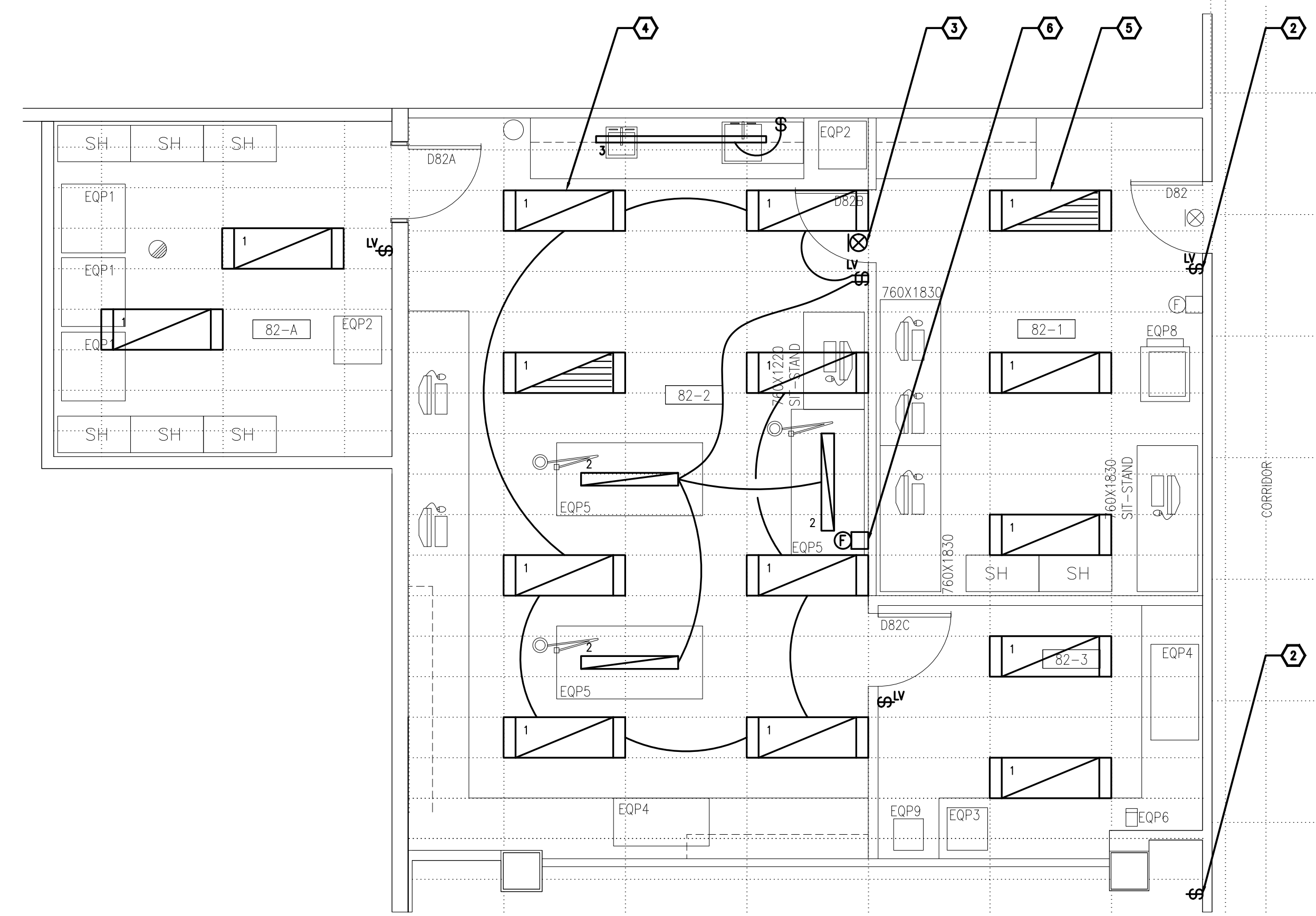
Designed By	R.B.	Conçu par	
Date	DEC 2017	(yyyy/mm/dd)	
Drawn By	R.B.	Dessiné par	
Date	DEC. 2017	(yyyy/mm/dd)	
Reviewed By	R.B.	Examiné par	
Date	DEC. 2017	(yyyy/mm/dd)	
Approved By		Approuvé par	
Date		(yyyy/mm/dd)	
Tender		Soumission	

Project Manager: SHELLY LAIDLAW / Administrateur de projets
Project no.: PTS 4753 / No. du projet

Drawing no.: E2 / No. du dessin



1 LIGHTING & FIRE ALARM - DEMOLITION WORK
E2 1:50



2 LIGHTING & FIRE ALARM - NEW WORK
E2 1:50

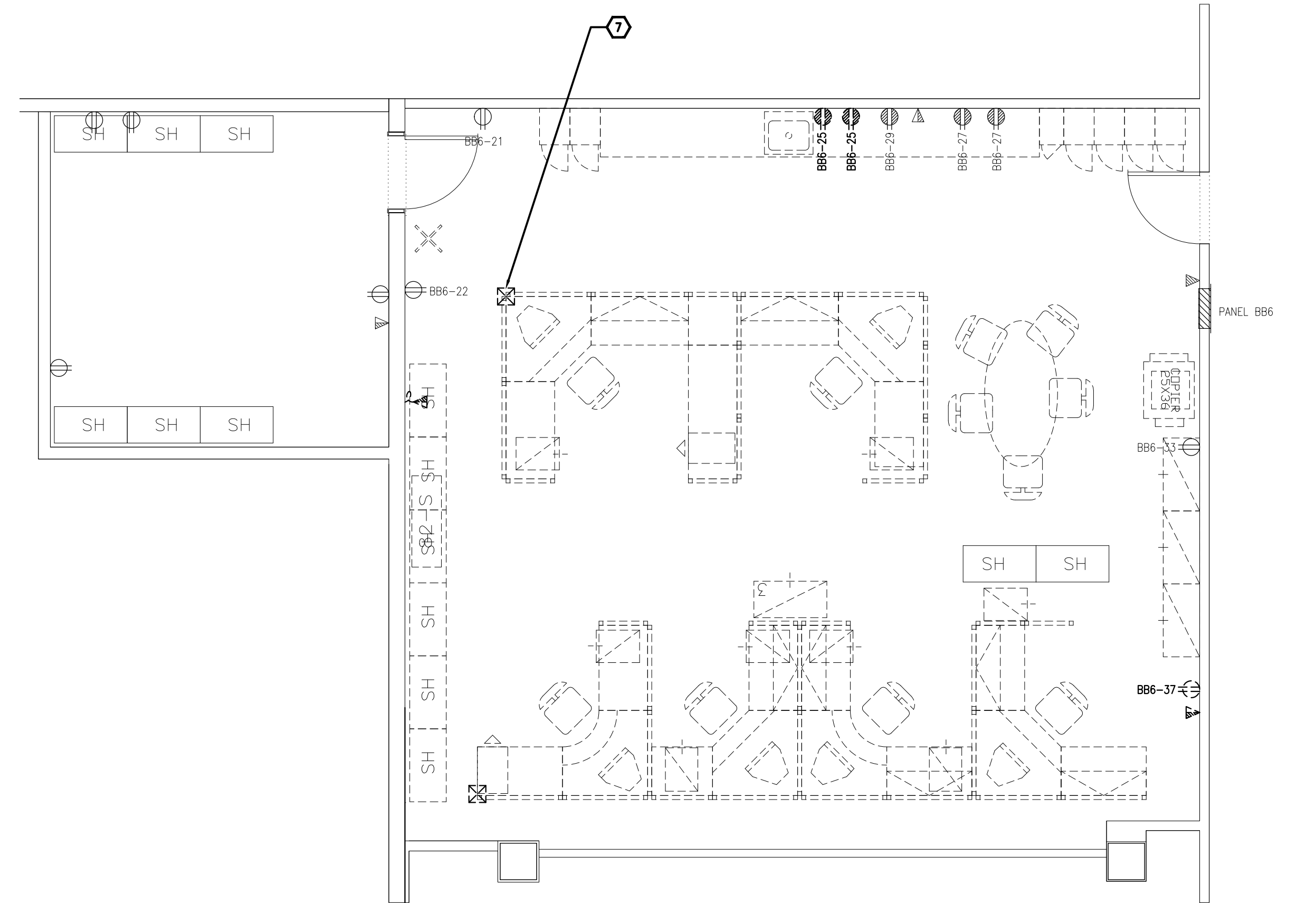
- DRAWING NOTES**
- TYPICAL: DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE. REMOVE CONDUIT AND WIRING BACK TO NEAREST JUNCTION BOX AND MAKE SAFE. RETAIN CIRCUIT FOR RE-USE IN NEW LAYOUT.
 - DISCONNECT AND REMOVE EXISTING DUAL GANG LIGHT SWITCH. REMOVE CONTROL TO LIGHTS IN ADJACENT ROOM. PROVIDE NEW SINGLE GANG SWITCH TO SOLELY CONTROL LIGHTS WITHIN ROOM 82-1. PERFORM SAME PROCEDURE IN ADJACENT ROOM. PROVIDE SINGLE GANG LIGHT SWITCH TO SOLELY CONTROL LIGHTS WITHIN THAT ROOM.
 - PROVIDE NEW EDGE LIT "EXIT SORTIE" EXIT SIGN. CONNECT TO EXISTING EXIT LIGHTING CIRCUIT. EXTEND CONDUIT AND WIRING AS REQUIRED.
 - TYPICAL: PROVIDE NEW LIGHT FIXTURE AS SHOWN. COORDINATE EXACT LOCATION WITH ARCHITECTURAL TRADES. REFER TO LIGHTING FIXTURE SCHEDULE ON THIS DRAWING FOR ADDITIONAL INFORMATION.
 - TYPICAL: CONNECT FIXTURE TO NEAREST UN-SWITCHED EMERGENCY LIGHTING CIRCUIT.
 - PROVIDE NEW FIRE ALARM BELL AS SHOWN. CONNECT TO EXISTING FIRE ALARM SIGNALING CIRCUIT.
 - TYPICAL: DISCONNECT AND REMOVE EXISTING ELECTRICAL DEVICE. REMOVE CONDUIT AND WIRING BACK TO NEAREST JUNCTION BOX AND MAKE SAFE. RETAIN CIRCUIT FOR RE-USE IN NEW LAYOUT.
 - TYPICAL: PROVIDE NEW ELECTRICAL DEVICE AS SHOWN. COORDINATE EXACT LOCATION WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO ROUGH-IN. CONNECT TO INDICATED CIRCUIT.
 - TYPICAL: PROVIDE BACK BOX AND 21mm CONDUIT C/W PULL STRING UP TO CORRIDOR CEILING SPACE FOR NEW DATA OUTLETS SUPPLIED AND INSTALLED BY COMMUNICATIONS CONTRACTOR. COORDINATE EXACT LOCATION ON SITE.
 - TYPICAL: PROVIDE GRANGE DEVICES FOR RECEPTACLE CONNECTED TO EMERGENCY PANEL "RPM".

- GENERAL NOTES**
- ENSURE ALL PENETRATIONS ON PERIMETER WALLS ARE SEALED/FIRESTOPPED FOR OHR RATING.

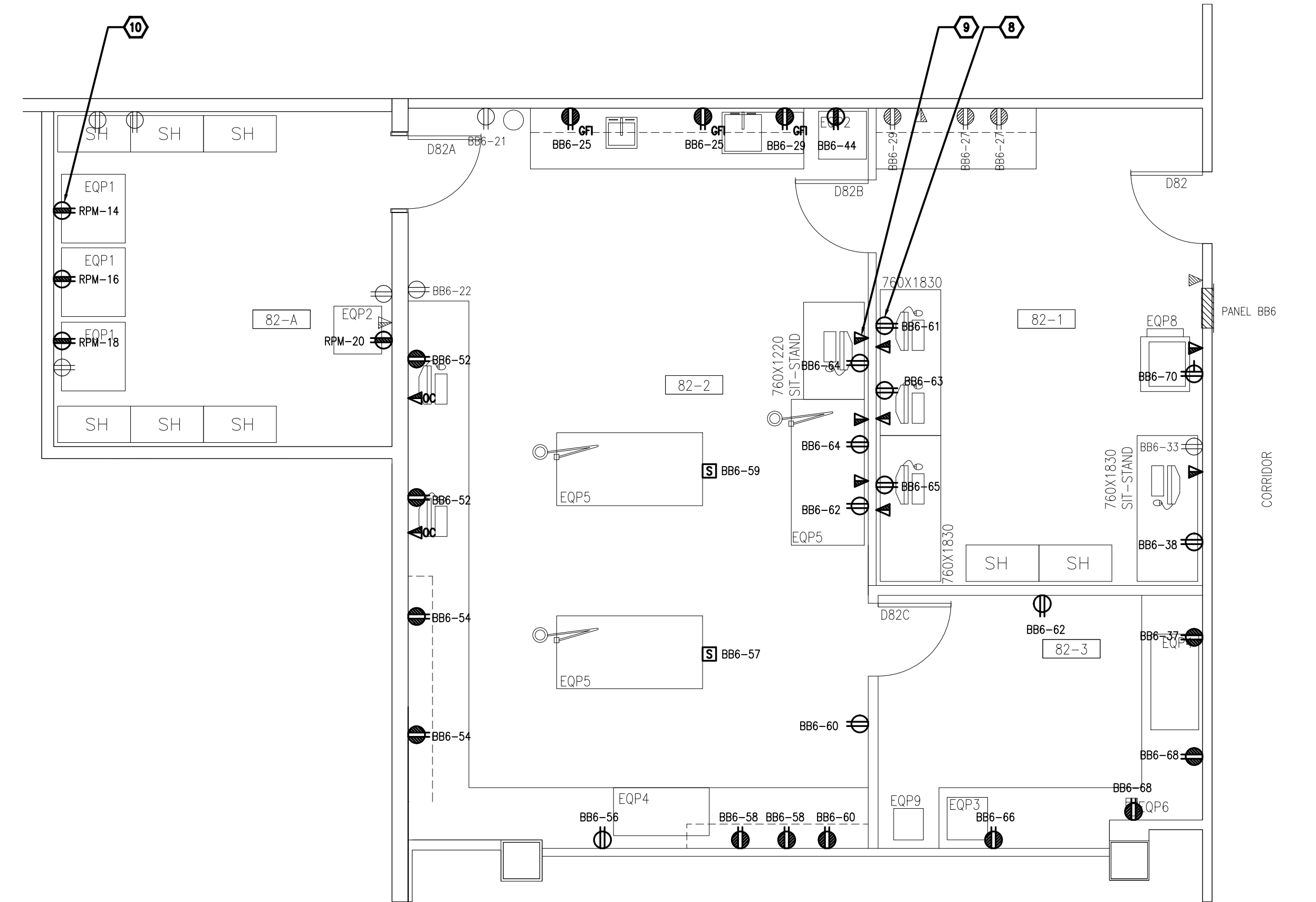
LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMPS PER FIXTURE			VOLT	MOUNTING	REMARKS
		QTY	TYPE	WATTS			
1	NEW 1524mmL x 502mmW X 70mmD LED BASKET TROFFER, 4000 LUMENS, 90 CRI LED MODULE WITH EXTRUDED ACRYLIC DIFFUSER	1	LED	34W	4000K	347V	RECESSED C/W END PLATES
2	NEW 1220mmL x 90mmW x 95mmD SUSPENDED DIRECT; EXTRUDED ALUMINUM HOUSING; 2340 LUMENS, 80 CRI LED MODULE WITH ACRYLIC LENS	1	LED	26W	4000K	347V	SUSPENDED COORDINATE EXACT MOUNTING HEIGHT WITH DEPARTMENTAL REPRESENTATIVE.
3	NEW LOW PROFILE UNDER CABINET STRIP LIGHT	-	LED	PER LENGTH	4000K	120V	SURFACE C/W ALL REQUIRED ACCESSORIES AND MOUNTING HARDWARE. COORDINATE EXACT LENGTH WITH DEPARTMENTAL REPRESENTATIVE.

NOTES:
1. ALL ACRYLIC LENSES SHALL BE MINIMUM 0.125" THICK.



3 POWER & SYSTEMS - DEMOLITION WORK
E2 1:50



4 POWER & SYSTEMS - NEW WORK
E2 1:50