

ISSUED FOR TENDER  
JANUARY 07, 2019

# DID LAB RENOVATION

Government of Canada / Gouvernement du Canada

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**Canada**

**PETER J. KINDREE ARCHITECT**

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

OTTAWA, ONTARIO

## LIST OF DRAWINGS

### ARCHITECTURAL

- A001 COVER PAGE, DRAWING LIST, ASSEMBLY SCHEDULE
- A111 DEMOLITION PLANS
- A112 REFLECTED CEILING PLANS DEMOLITION
- A121 CONSTRUCTION / FINISH PLANS
- A131 REFLECTED CEILING PLANS NEW
- A151 EQUIPMENT / FURNITURE PLANS
- A201 INTERIOR ELEVATIONS
- A202 INTERIOR ELEVATIONS
- A501 DETAILS
- A601 DOOR ELEVATIONS AND SCHEDULE

### MECHANICAL

- M001 - DRAWING LIST, LEGENDS & SCHEDULES
- MECHANICAL: GROUND FLOOR - BLOCK 1
- M301 - HVAC DEMOLITION
- M304 - HVAC & PLUMBING NEW WORK
- MECHANICAL: THIRD FLOOR
- M101 - FIRE PROTECTION DEMOLITION & NEW WORK
- MECHANICAL: THIRD FLOOR - BLOCK 1
- M201 - PLUMBING DEMOLITION
- M203 - PLUMBING NEW WORK
- M302 - HVAC DEMOLITION
- M305 - HVAC & UTILITIES NEW WORK
- MECHANICAL: THIRD FLOOR - BLOCK 2
- M202 - PLUMBING DEMOLITION
- M204 - PLUMBING NEW WORK
- M303 - HVAC DEMOLITION
- M306 - HVAC & UTILITIES NEW WORK

### ELECTRICAL

- E1 - ELECTRICAL LEGENDS, GENERAL NOTES AND DRAWING LIST
- E2 - LIGHTING & FIRE ALARM DEMOLITION WORK
- E3 - LIGHTING & FIRE ALARM NEW WORK
- E4 - POWER & SYSTEMS DEMOLITION WORK
- E5 - POWER & SECURITY NEW WORK
- E6 - COMMUNICATIONS NEW WORK
- E7 - EXISTING ELECTRICAL PANELS SCHEDULE
- E8 - EXISTING ELECTRICAL PANELS SCHEDULE CONTINUED
- E9 - NEW ELECTRICAL PANEL SCHEDULES
- E10 - NEW ELECTRICAL PANEL SCHEDULE CONTINUED

## DRAWING LEGEND

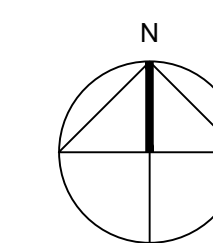
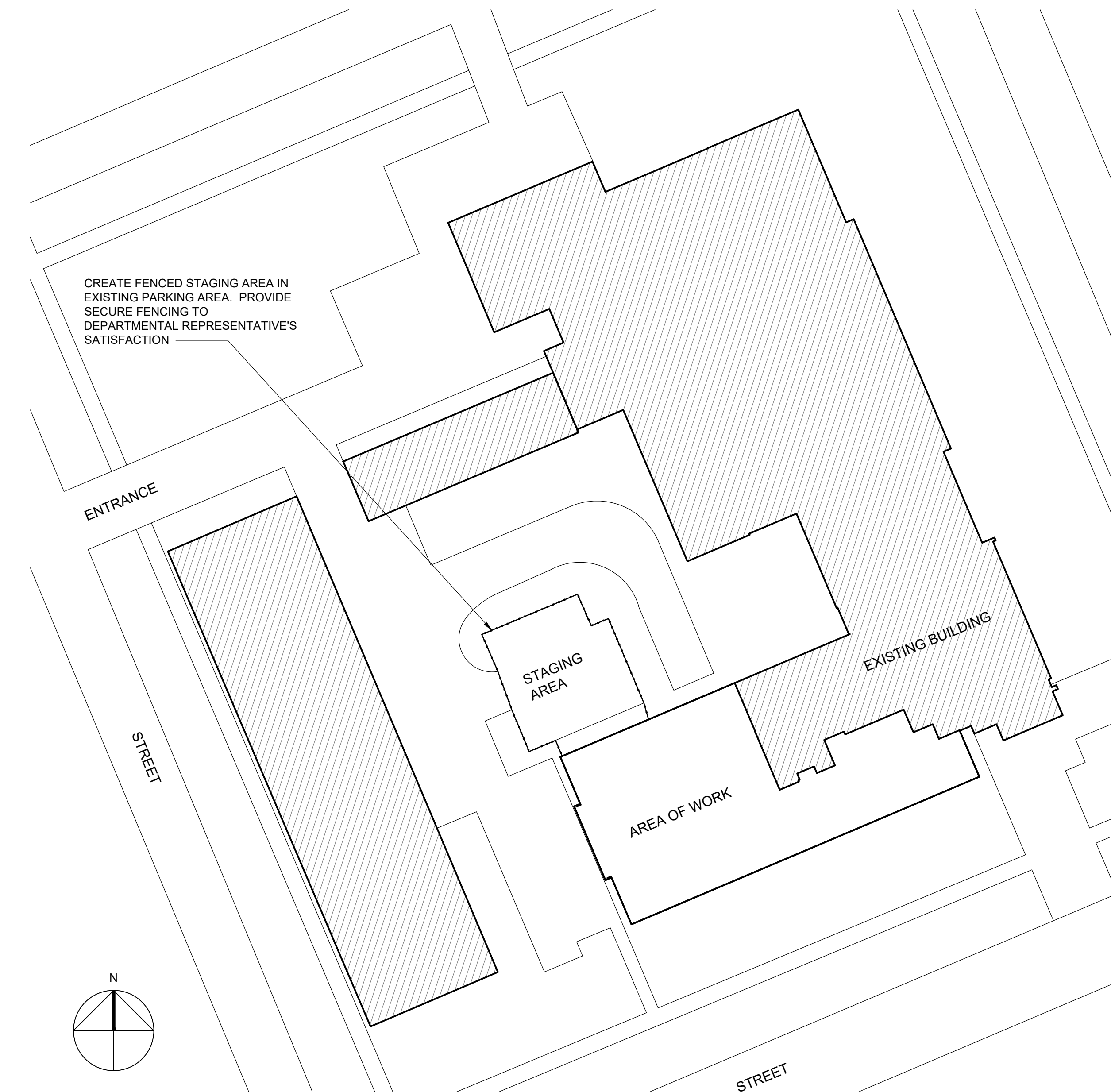
- INTERIOR PARTITION TYPE
- VESTIBULE ROOM NAME AND NUMBER
- ELEVATION MARKER ABOVE FINISH FLOOR (mm)
- SHEET-SPECIFIC DRAWING NOTES
- WALL FINISH COLOUR
- EXISTING CONSTRUCTION CUT BY DRAWING PLANE TO REMAIN
- EXISTING CONSTRUCTION/OBJECTS TO BE REMOVED
- PLAN/SECTION CUT THROUGH NEW CONSTRUCTION (CONSTRUCTION TYPE AS INDICATED)
- NEW DOOR/DOOR FRAME NUMBER. REF. DOOR SCHEDULE
- DOOR NUMBER
- ROOM NUMBER
- INDICATES AREA NOT IN SCOPE.
- EXISTING EMERGENCY SHOWERS/EYEWASH STATION TO REMAIN - PROTECT FROM WORK
- SECTION REFERENCE
- INTERIOR ELEVATION REFERENCE

### ABBREVIATIONS

- AFF ABOVE FINISHED FLOOR
- ACT ACOUSTIC CEILING TILE
- DW DRYWALL
- HM HOLLOW METAL
- ALUM ALUMINUM
- FW FLUSH WOOD
- U/S UNDER SIDE
- O.C. ON CENTER

## ASSEMBLY SCHEDULE

- PARTITION TYPE NOT USED
- INTERIOR PARTITION WALL CONSTRUCTION FLOOR TO U/S OF SLAB  
-16 mm TYPE X GYPSUM BOARD BOTH SIDES  
-92 mm STEEL STUDS @ MAX. 400mm O.C. FILLED WITH  
-MINERAL FIBER INSULATION
- INTERIOR PARTITION WALL CONSTRUCTION - MIN. STC 46 FLOOR TO U/S OF SLAB  
-16 mm TYPE X GYPSUM BOARD BOTH SIDES  
-92 mm STEEL STUDS @ 600mm O.C. FILLED WITH  
-MINERAL FIBER INSULATION  
-CAULK ALL PENETRATIONS WITH ACOUSTIC SEALANT
- INTERIOR SECURE DEMISING WALL CONSTRUCTION - STC 46 FLOOR TO U/S OF SLAB:  
-EXISTING STEEL STUD AND GYPSUM BOARD PARTITION FROM FLOOR TO UNDERSIDE OF ROOF STRUCTURE  
-16 mm TYPE X GYPSUM BOARD FLOOR TO U/S OF ROOF STRUCTURE  
-19 mm FIRE RETARDANT TREATED PLYWOOD FIXED TO EXISTING STUDS EVERY 8" FLOOR TO U/S OF ROOF STRUCTURE.  
-16 mm TYPE X GYPSUM BOARD INSTALLED VERTICALLY FLOOR TO U/S OF ROOF STRUCTURE.  
SEAL AROUND ALL PENETRATIONS AND AT ALL PERIMETER JUNCTIONS WITH ACOUSTIC FIRESTOP SEALANT.
- INTERIOR SECURE DEMISING WALL CONSTRUCTION - 1HR TO ULC W407:  
-16mm TYPE X GYPSUM BOARD FLOOR TO U/S OF ROOF STRUCTURE  
-FOR PARTITION FRAMING AND REINFORCING COMPLY WITH SPECIFICATION SECTION 09 21 99, ARTICLE 3.8 - APPENDIX ENTITLED "SECURE DEMISING WALL CONSTRUCTION SPECIFICATION".  
-19mm PLYWOOD FLOOR TO U/S OF ROOF STRUCTURE  
-16mm TYPE X GYPSUM BOARD FLOOR TO U/S OF ROOF STRUCTURE



**1**  
A001 STAGING AREA LOCATION PLAN  
SCALE 1:500

## GENERAL NOTES, STAGING AREA

A. CONTRACTOR TO REMOVE 3RD FLOOR WINDOW AND FRAME AND OUTFIT ACCORDINGLY TO ACCOMMODATE GARBAGE CHUTE. CHUTE TO BE SECURED WITH A GRILLE AND PADLOCK AT INTERIOR OF 3RD FLOOR TO PREVENT INTRUSION FROM EXTERIOR TO THE APPROVAL OF DEPARTMENTAL REPRESENTATIVE. PROVIDE TEMPORARY HINGED CLOSURE TO SEAL OPENING THERMALLY WHEN NOT IN USE.



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
4	ISSUED FOR TENDER	2019/01/07
3	ISSUED FOR TENDER REVIEW	2018/11/27
2	ISSUED FOR 99% REVIEW	2018/11/02
1	ISSUED FOR 66% REVIEW	2018/10/12

A	A
C	C

project DID LAB RENOVATION project

OTTAWA, ONTARIO

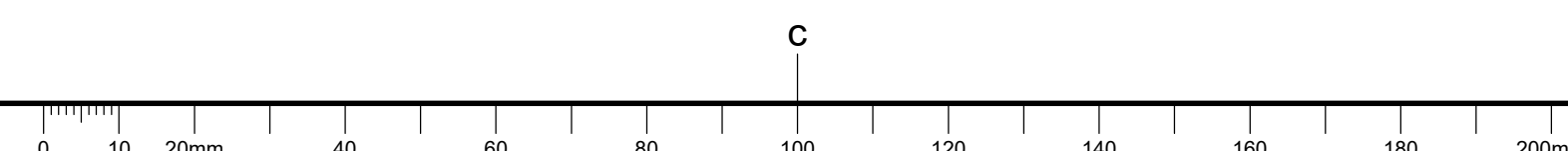
drawing COVER PAGE, DRAWING LIST, ASSEMBLY SCHEDULE dessin

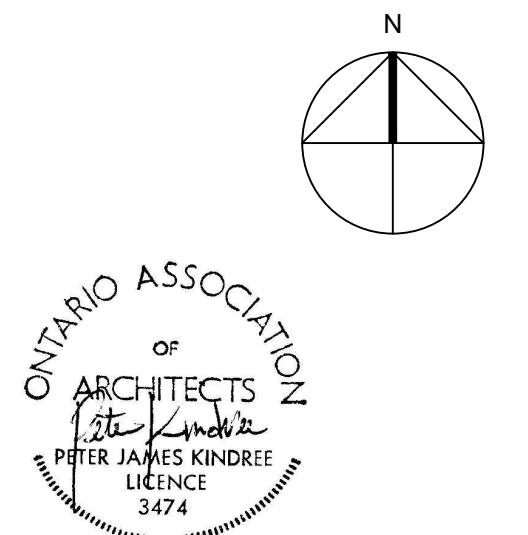
Designed By	Conçu par
PK/RR	
Date	Date
OCT 2018	(yyyy/mm/dd)
Drawn By	Dessiné par
RR/PM	
Date	Date
OCT 2018	(yyyy/mm/dd)
Reviewed By	Examiné par
PK	
Date	Date
OCT 2018	(yyyy/mm/dd)
Approved By	Approuvé par
PK	
Date	Date
OCT 2018	(yyyy/mm/dd)
Tender	Soumission

Project Manager ANNE RICHARDS Administrateur de projets

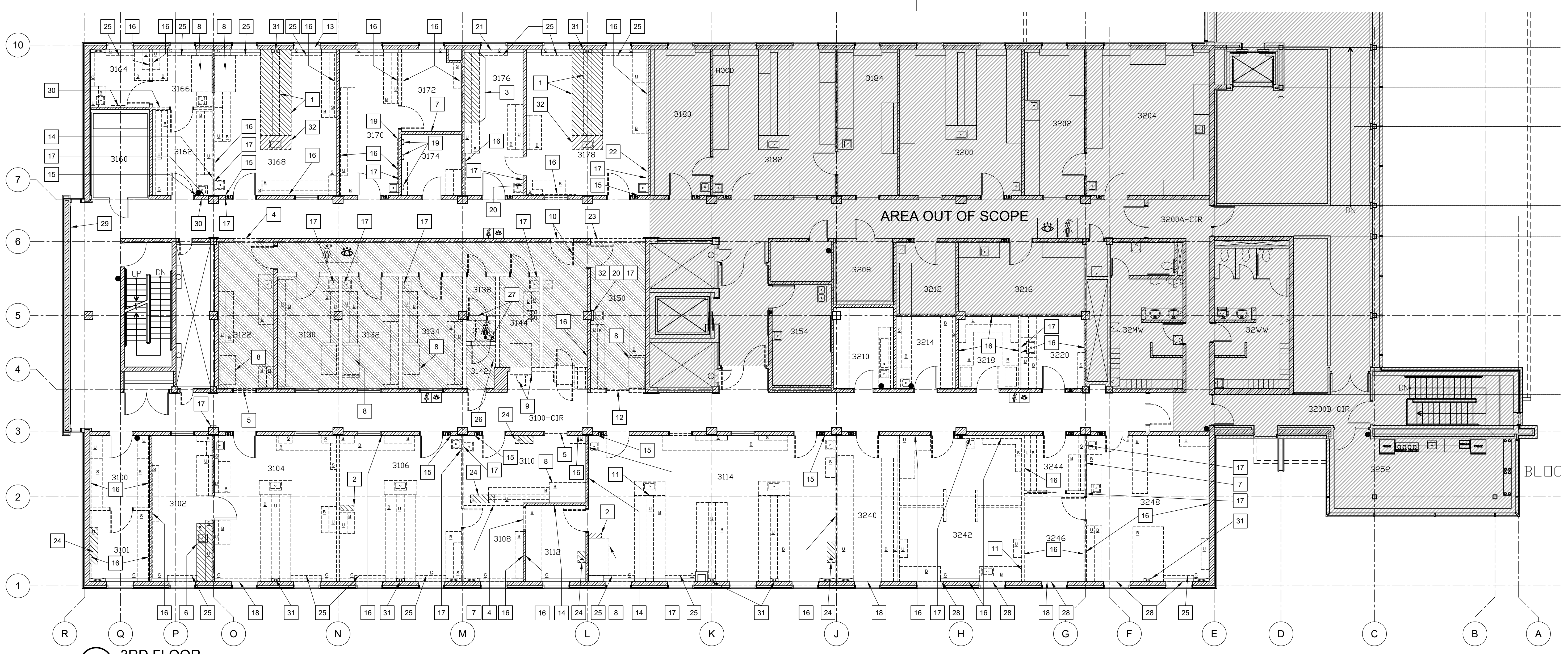
Project no. PTS 4845 No. du projet

Drawing no. A001 No. du dessin

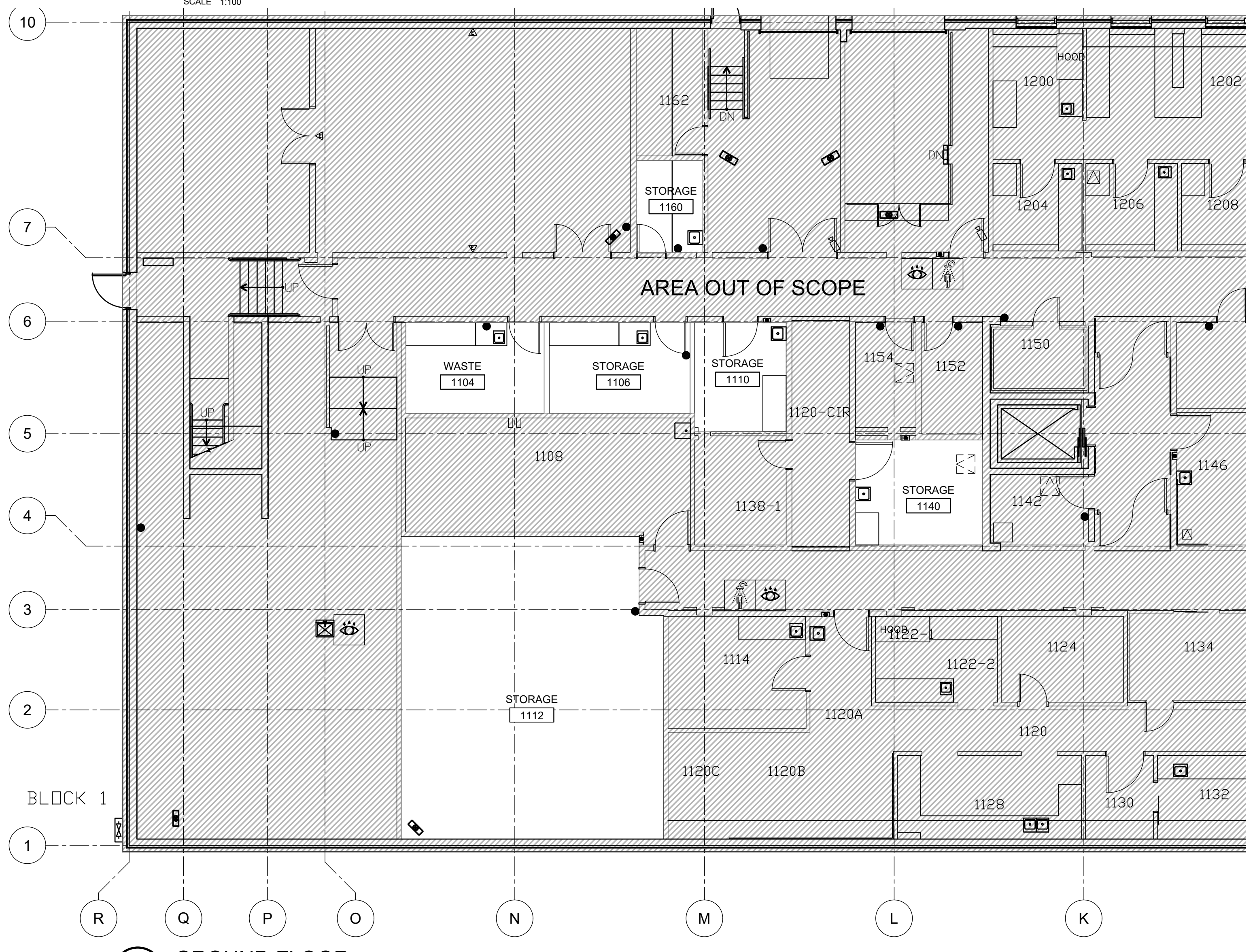




L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.  
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1 3RD FLOOR DEMOLITION PLAN  
SCALE 1:100



2 GROUND FLOOR DEMOLITION PLAN  
SCALE 1:100

GENERAL NOTES, A111

- A. UNLESS OTHERWISE NOTED, ALL EXISTING PARTITIONS ARE FROM SLAB TO UIS ROOF DECK.
- B. UNLESS OTHERWISE NOTED, ALL EXISTING FLOOR FINISH IS SHEET LINOLEUM TO BE REMOVED INCLUDING ALL BASES, ADHESIVES AND RESIDUE. PATCH UNEVEN AREAS AND PREPARE SURFACES AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS FOR NEW FLOORING.
- C. TEMPORARILY REMOVE, RETAIN, AND REINSTALL EXISTING WINDOW TREATMENTS TO FACILITATE NEW WORK/FINISHES AND PROTECT THEM FROM ONGOING WORK.
- D. REMOVE EXISTING ROOM LABELS AND SIGNAGE (OTHER THAN LIFE SAFETY)
- E. PATCH AND MAKE GOOD ALL EXISTING SURFACES AND FINISHES EXPOSED OR AFFECTED BY REMOVALS - REFINISH TO MATCH ADJACENT FINISHES.
- F. REMOVE EXISTING SOAP, PAPER TOWEL, SANITIZER DISPENSERS, COAT HOOKS, BRACKETS, AND OTHER MINOR EXISTING WALL AND CEILING MOUNTED ITEMS NOT SPECIFICALLY INDICATED.

DRAWING NOTES, A111

1. REMOVE EXISTING UPPER CABINETS AND COUNTER TOP. EXISTING METAL BENCHWORK TO REMAIN.
2. RETAIN EXISTING COMPRESSED GAS TANK STAND. MOVE TO ROOM 1110.
3. RETAIN BENCHWORK FOR REUSE IN EM LAB 3117. REFER TO CONSTRUCTION PLANS.
4. PROVIDE OPENING IN EXISTING PARTITION FOR NEW DOOR.
5. REMOVE EXISTING WINDOW AND PROVIDE OPENING IN PARTITION FOR NEW DOOR.
6. EXISTING METAL BENCHWORK AND SINK TO REMAIN. REMOVE EXISTING COUNTER.
7. REMOVE EXISTING WHITE BOARD.
8. REMOVE EXISTING FUMEHOOD AND RELATED TRIM AND MECHANICAL WORK. REFER TO MECHANICAL.
9. EXISTING AUTOCLAVE TO BE REMOVED.
10. EXISTING HEAVY DUTY VAULTED DOOR CW FLOOR CURB TO BE REMOVED.
11. RETAIN EXISTING DRYING RACK. MOVE TO ROOM 1110.
12. SET ASIDE EXISTING WINDOW FOR REUSE IN IT/SERVER ROOM. REFER TO CONSTRUCTION PLANS.
13. REMOVE PEELING PAINT AND FILL CRACK AT BOTTOM RIGHT CORNER OF WINDOW.
14. REMOVE EXISTING TACK BOARD
15. REMOVE EXISTING RECESSED NG VALVE CABINET. FILL IN REMAINING HOLE WITH GYPSUM BOARD AND BACKING AS REQUIRED. MAKE GOOD TO RECEIVE PAINT FINISH
16. REMOVE EXISTING SURFACE-MOUNTED RACEWAY. REF. ELEC.
17. REMOVE EXISTING PAPER TOWEL/SOAP/SANITIZER DISPENSERS
18. FILL GAP IN EXISTING SEALANT UNDER WINDOW SILL WITH COMPATIBLE MATERIAL OF SIMILAR COLOUR.
19. REMOVE EXISTING METAL BOX SERVICE COVERS FOR REMOVAL OF SERVICES. REFER TO MECHANICAL.
20. REMOVE EXISTING HAND DRYER
21. REMOVE EXISTING INNER GLAZED PANEL AND FRAME. MAKE GOOD DAMAGE TO EXISTING REMAINING SURFACES
22. REMOVE PLYWOOD PANEL FROM WALL
23. REMOVE EXISTING PARTITION
24. SET ASIDE EXISTING BLUE, GLASSWARE CABINET TO BE REUSED, REFER TO CONSTRUCTION PLANS AND ELEVATIONS.

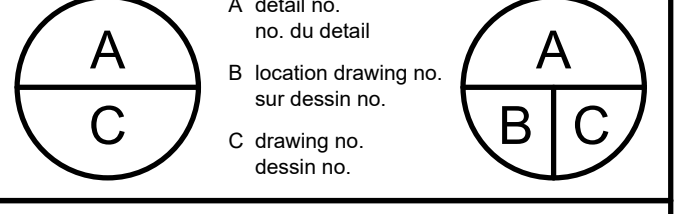
DRAWING NOTES, A111

25. REMOVE LAMINATE COVERS COVERING HORIZONTAL METAL SERVICE CHASES BELOW ALL WINDOWS, TYPICAL. SEE INTERIOR ELEVATIONS.
26. REMOVE EXISTING MIRROR.
27. REMOVE EXISTING DOOR CURBS.
28. REMOVE INNER GLASS PANEL. MAKE GOOD RESULTING DAMAGE TO EXISTING SURFACES TO PREP. FOR REPAINTING.
29. EXISTING PRE-FINISHED METAL PANELS TO REMAIN.
30. REMOVE EXISTING WALL-MOUNTED HOOKS.
31. REMOVE EXISTING VERTICAL SERVICE CHASE.
32. REMOVE EXISTING METAL SINK AND HAND DRYER SUPPORT ASSEMBLY.

LEGEND, A111

- EXISTING CONSTRUCTION / OBJECTS TO BE REMOVED
- [Hatched Box] EXISTING BENCHWORK TO REMAIN.
- [Dotted Box] EXISTING EPOXY FLOORING TO BE REMOVED. PATCH AND REPAIR SURFACES AS REQUIRED TO PROVIDE EVEN SURFACE FOR NEW LINOLEUM FLOORING.
- [Dashed Box] EXISTING SERVICE CHASE TO BE REMOVED IF INDICATED BY A DASHED LINE. OTHERWISE RETAIN AND REFINISH.
- [Dotted Box] EXISTING BENCHWORK TO BE REMOVED.
- [Dotted Box] EXISTING UPPER CABINET TO BE REMOVED.
- [Dotted Box] EXISTING OPEN SHELVES/STANDARDS/BRACKETS TO BE REMOVED.

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4	ISSUED FOR TENDER	2018/01/07
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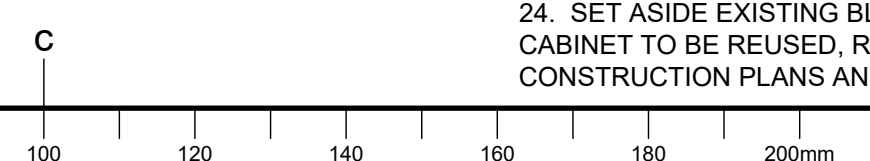


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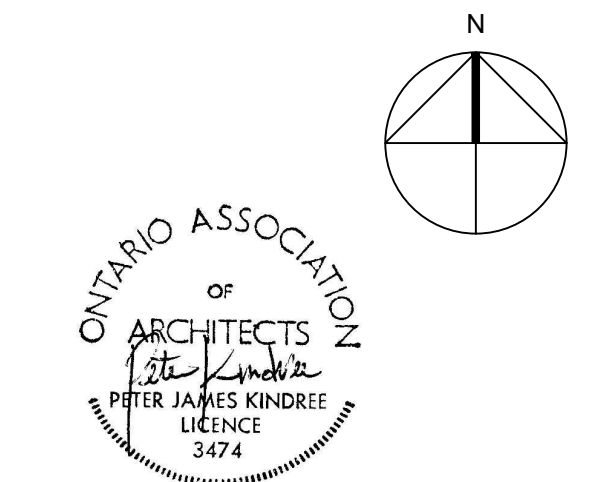
OTTAWA, ONTARIO

DEMOLITION PLANS

Designed By	PK/RR	Conçu par	
Date	OCT 2018	(yyyy/mm/dd)	
Drawn By	RR/PM	Dessiné par	
Date	OCT 2018	(yyyy/mm/dd)	
Reviewed By	PK	Examiné par	
Date	OCT 2018	(yyyy/mm/dd)	
Approved By	PK	Approuvé par	
Date	OCT 2018	(yyyy/mm/dd)	
Tender		Submission	
Project Manager	ANNE RICHARDS	Administrateur de projets	
Project no.		No. du projet	
	PTS 4845		
Drawing no.		No. du dessin	
	A111		



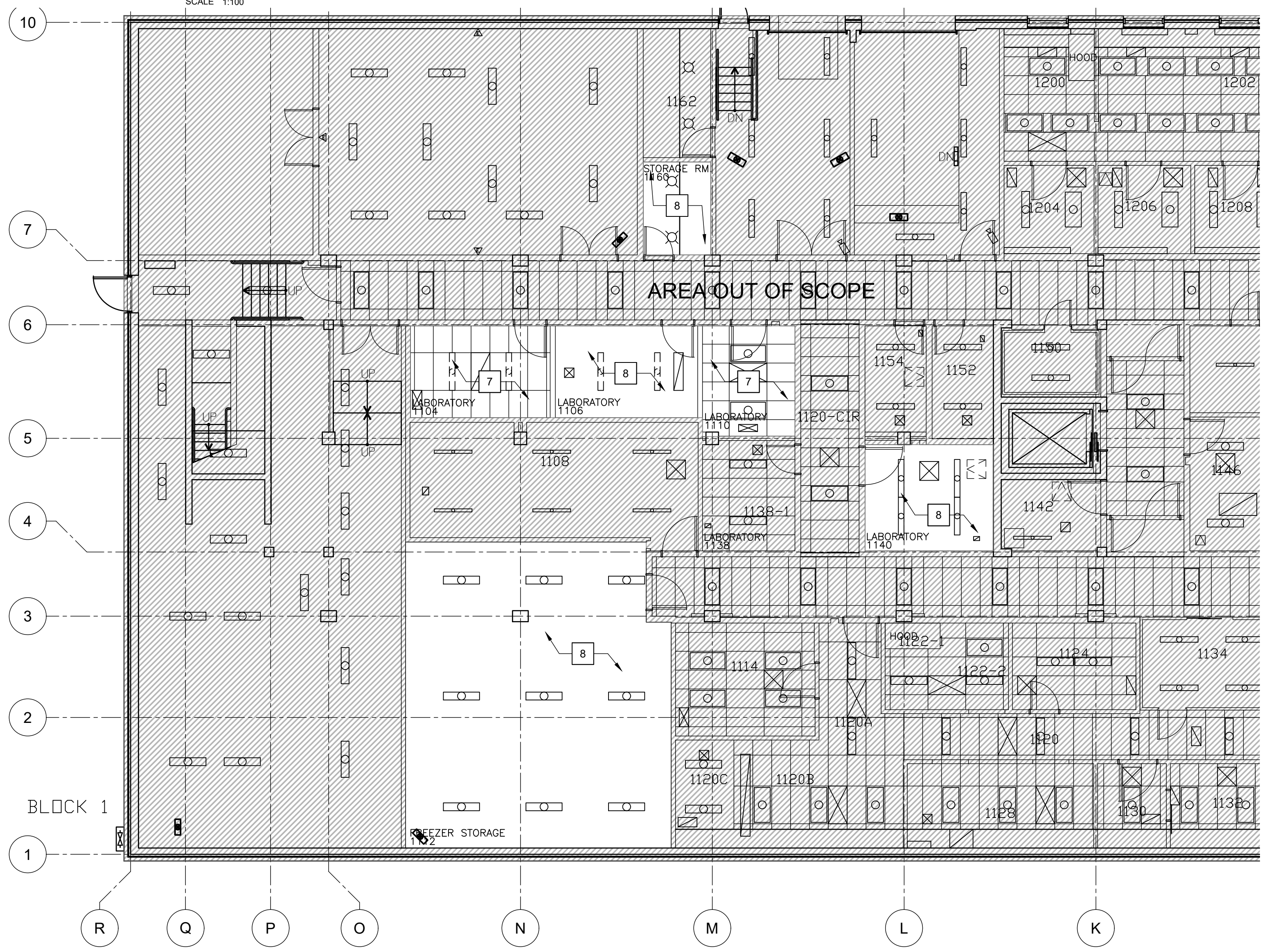




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1 3RD FLOOR REFLECTED CEILING PLAN - DEMOLITION  
SCALE 1:100



2 GROUND FLOOR REFLECTED CEILING PLAN - DEMOLITION  
SCALE 1:100

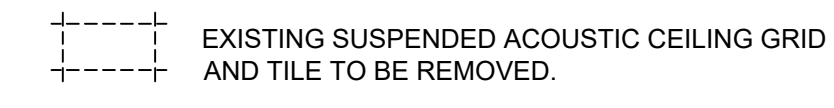
GENERAL NOTES, A112

- A. UNLESS OTHERWISE NOTED, ALL EXISTING ACOUSTIC TILE CEILINGS ARE ±2870 mm AFF.
- B. UNLESS OTHERWISE NOTED, ALL EXISTING SUSPENDED ACOUSTIC TILE CEILINGS ARE TO BE REMOVED.
- C. EXISTING MECH./ELEC. FIXTURES AND EQUIPMENT ARE NOT NECESSARILY SHOWN. REF. MECH./ELEC. DRAWINGS.

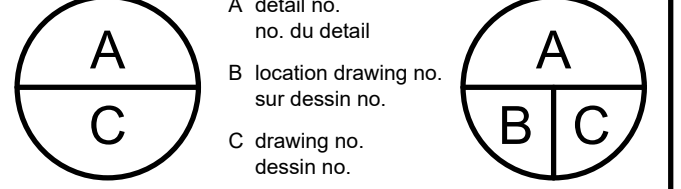
DRAWING NOTES, A112

1. EXISTING DRYWALL CEILING TO BE REMOVED.
2. EXISTING DRYWALL CEILING TO REMAIN.
3. REMOVE EXISTING DRYWALL CEILING WITH EPOXY FINISH.
4. EXISTING SUSPENDED CEILING SYSTEM WITH PLASTIC PANELS SEALED IN PLACE TO BE REMOVED.
5. EXISTING RADIANT HEAT CEILING PANELS TO REMAIN.
6. EXISTING COOLER CEILING TO REMAIN.
7. EXISTING SUSPENDED ACOUSTIC TILE CEILING TO REMAIN.
8. EXISTING EXPOSED CONCRETE SLAB CEILING TO REMAIN.
9. REMOVE LOOSE PAINT. MAKE GOOD WATER DAMAGE AT HEAD OF WINDOW PRIOR TO REPAINTING.

LEGEND, A112



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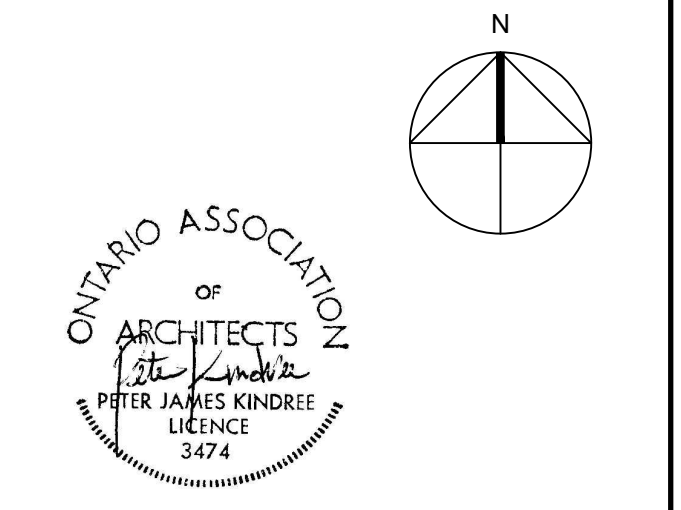


project DID LAB RENOVATION  
OTTAWA, ONTARIO  
drawing REFLECTED CEILING PLANS DEMOLITION

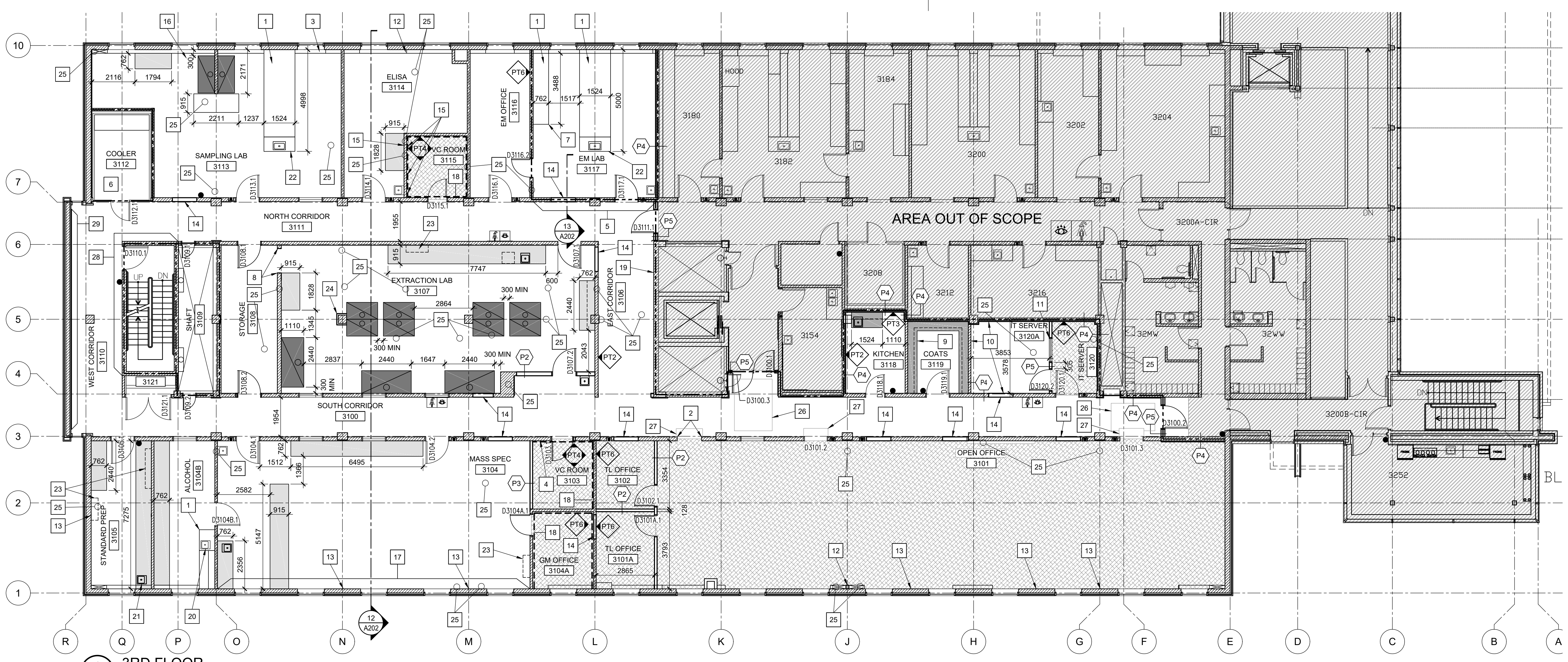
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Date OCT 2018 (yyyy/mm/dd)  
Drawn By RR/PM Dessiné par  
Date OCT 2018 (yyyy/mm/dd)  
Reviewed By PK Examiné par  
Date OCT 2018 (yyyy/mm/dd)  
Approved By PK Approuvé par  
Date OCT 2018 (yyyy/mm/dd)  
Tender Soumission

Project Manager ANNE RICHARDS Administrateur de projets  
Project no. PTS 4845 No. du projet  
Drawing no. A112 No. du dessin

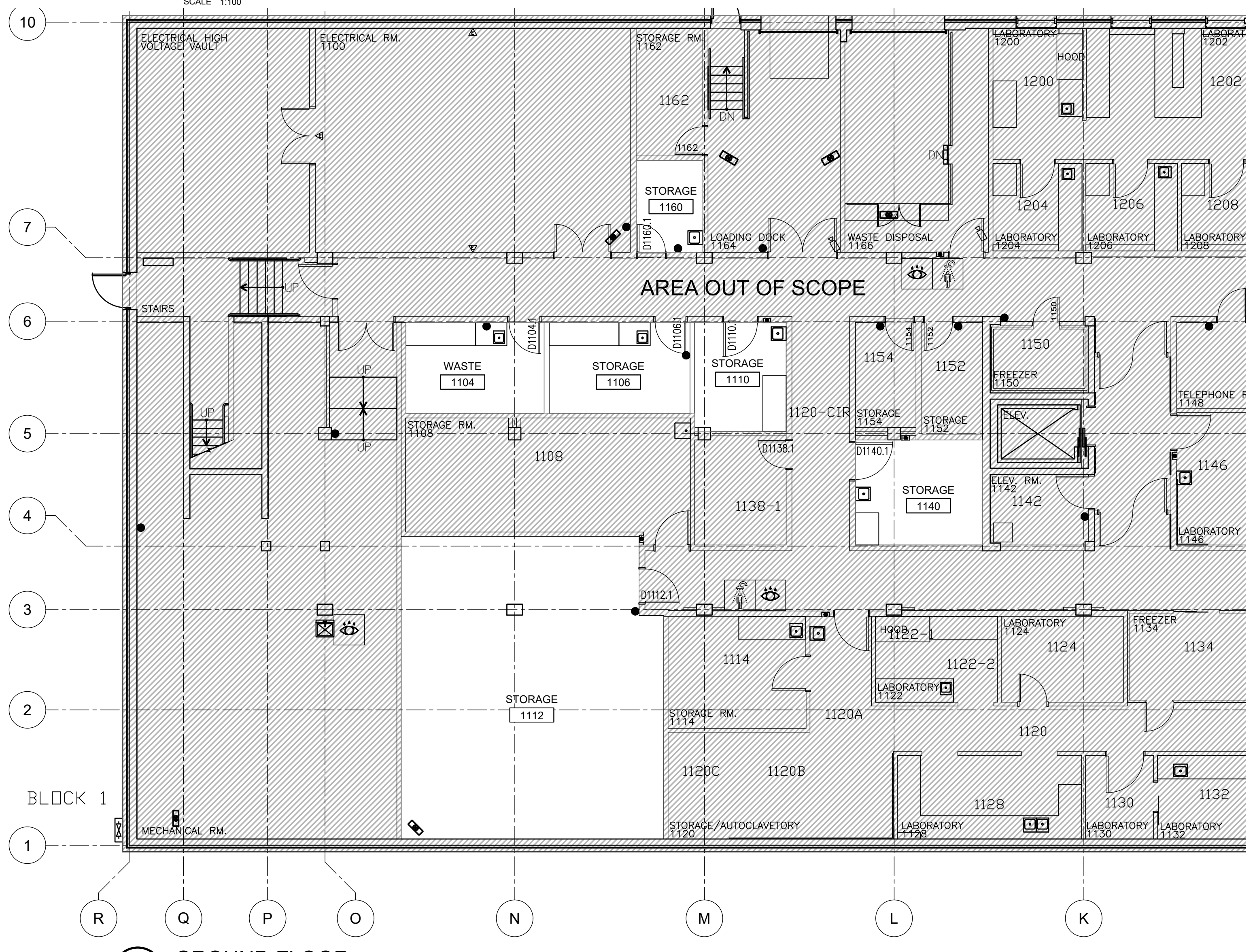




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1 3RD FLOOR CONSTRUCTION / FINISH PLAN  
SCALE 1:100



2 GROUND FLOOR CONSTRUCTION / FINISH PLAN  
SCALE 1:100

GENERAL NOTES, A121

- A. UNLESS OTHERWISE NOTED, PROVIDE NEW LINOLEUM SHEET FLOORING WITH INTEGRAL COVE BASE THROUGHOUT 3RD FLOOR AREA OF WORK.
- B. REPAINT ALL EXISTING 3RD FLOOR PAINTED VERTICAL AND HORIZONTAL GYPSUM BOARD WALL AND CEILING SURFACES WITHIN AREA OF WORK. UNLESS OTHERWISE NOTED, PAINT COLOUR TO BE PT1.
- C. UNLESS OTHERWISE NOTED, ASSUME CONDITION OF EXISTING PAINT FINISH TO BE DSD LEVEL 2 AS DESIGNATED BY MASTER PAINTERS INSTITUTE (MPI).
- D. PATCH, REPAIR AND PAINT WHERE EXISTING HORIZONTAL SERVICE CHASE HAS BEEN REMOVED AT PERIMETER EXTERIOR WALLS, TYPICAL.
- E. DO NOT PAINT EXISTING FLOOR AND WALL SURFACES ON GROUND FLOOR.
- F. PROVIDE PLASTER SKIM COAT OVER FULL SURFACE OF EXISTING PARTITIONS FROM FLOOR TO CEILING IN EXTRACTION LAB 3107, STORAGE ROOM 3108, AND CORRIDOR 3106 TO COVER EXISTING EPOXY FINISH TEXTURE.
- G. INsofar AS IT IS POSSIBLE WITH THE EXISTING CONSTRUCTION, MAINTAIN A 1 HOUR FIRE SEPARATION BETWEEN THE AREA OF WORK AND ADJACENT FLOOR AREA THROUGHOUT CONSTRUCTION. FIRE STOP ALL NEW PENETRATIONS THROUGH EXISTING DEMISING PARTITION AS SOON AS POSSIBLE. PROVIDE TEMPORARY PARTITIONS WITH 1 HOUR FIRE RATING PRIOR TO CONSTRUCTION OF DOORS D3100.1, D3100.2, D3111.1. AT ALL THREE DOOR LOCATIONS.
- H. PATCH AND MAKE GOOD ALL LOCATIONS WHERE EXISTING RECESSED OR SURFACE-MOUNTED WALL OR CEILING MOUNTED SERVICES/OUTLETS/FIXTURES HAVE BEEN REMOVED.
- I. FILL ALL SLAB OPENINGS CREATED BY REMOVALS WITH CEMENTITIOUS MATERIAL TO PROVIDE 2 HOUR FIRE RESISTANCE RATING. SEAL ALL NEW FLOOR SLAB PENETRATIONS WITH UL-C LISTED FIRE STOP ASSEMBLIES RATED FOR 2 HOURS. REFER TO MECHANICAL & ELECTRICAL.
- J. FIRESTOP ALL OPENINGS IN SLAB CREATED TO ACCOMMODATE NEW WORK. MAINTAIN 2HR FIRE SEPARATION.
- K. FOR REQUIRED BACKING OR SUPPORT FOR ANY WALL HUNG OR CEILING SUSPENDED NEW OR REINSTALLED EQUIPMENT, FIXTURES, OR CABINETS. CONTRACTOR TO SUPPLY STAMPED ENGINEERED SHOP DRAWINGS.
- K. WHERE EXISTING SERVICE CHASES ARE BEING RETAINED, REMOVE COVERS FOR ELECTROSTATIC PAINTING OFF-SITE AND REINSTALL.

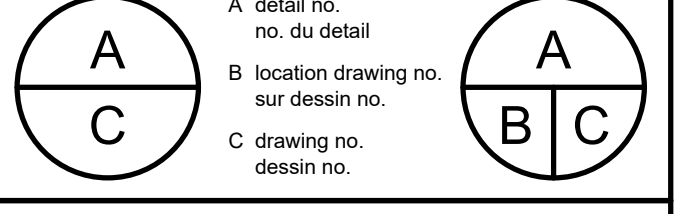
DRAWING NOTES, A121

- 1. EXISTING METAL BENCHWORK. DISASSEMBLE, TRANSPORT TO SHOP FOR ELECTROSTATIC COATING, TRANSPORT BACK TO SITE AND REASSEMBLE. COLOUR TO MATCH NEW BENCHWORK. PROVIDE NEW EPOXY COUNTERTOP.
- 2. PROVIDE OPENING 1100 WIDE X 2135 HIGH WHERE EXISTING WINDOW WAS REMOVED. RETURN WITH GYPSUM BOARD, FINISH AND PAINT.
- 3. PROVIDE NEW METAL COVERS FOR HORIZONTAL SERVICES CHASE TO MATCH EXISTING ADJACENT COVERS WHERE EXISTING LAMINATE COVERS HAVE BEEN REMOVED, TYPICAL.
- 4. RELOCATE EXISTING ACCESS PANEL TO ALLOW FOR NEW PARTITION.
- 5. PROVIDE 1 HR FIRE SEPARATION BETWEEN LAB AND CORRIDOR. EXISTING PARTITIONS AND BULKHEAD TO PROVIDE EQUIVALENT TO 1 HOUR FIRE SEPARATION. FIRESTOP ALL EXISTING AND NEW PENETRATIONS. REF. DETAIL 13/A202.
- 6. EXISTING STAINLESS STEEL COOLER TO REMAIN, PROTECT ALL SURFACES AND EQUIPMENT.
- 7. REPAIR AND REINSTALL EXISTING METAL BENCHWORK FROM ROOM 3176. PROVIDE NEW EPOXY COUNTERTOP.
- 8. FINISH WITH GYPSUM AND PAINT WHERE EXISTING DOOR AND FRAME HAS BEEN REMOVED.
- 9. PROVIDE 19MM THICK X 460MM WIDE P-LAM SHELF @ 1700MM AFF COMPLETE WITH 25MM DIAM HANGER ROD. GABLE SUPPORTS @ 1200 O.C.
- 10. PROVIDE ONE LAYER 13mm GOOD ONE SIDE PLYWOOD TO WALL SURFACE FROM FLOOR TO UNDERSIDE OF CEILING.
- 11. USE EXISTING WINDOW SET ASIDE FROM DEMOLITION.
- 12. PROVIDE METAL COVER FOR HORIZONTAL SERVICE CHASE WHERE EXISTING PARTITIONS HAVE BEEN REMOVED. TYPICAL. PATCH AND MAKE GOOD REMAINING EXPOSED WALL ABOVE.
- 13. PATCH EXTERIOR WALL AT LOCATIONS WHERE EXISTING PARTITIONS HAVE BEEN REMOVED, TYPICAL.
- 14. INFILL EXISTING DOOR OR WINDOW OPENING WITH PARTITION P2. STUD SIZE ADJUSTED AS REQUIRED TO MATCH EXISTING PARTITION WIDTH.
- 15. INFILL AND MAKE GOOD WITH METAL STUDS, BACKING AND GYPSUM BOARD OPENINGS LEFT IN EXISTING PARTITIONS FROM REMOVAL OF EXISTING SERVICES AND METAL SERVICE COVERS.
- 16. PROVIDE 300 MINIMUM CLEARANCE FROM WALL AT BOTH SIDES OF FUME HOODS, TYPICAL.
- 17. PATCH AND MAKE GOOD EXISTING CONCRETE SURFACE WHERE EXISTING HORIZONTAL AND VERTICAL SERVICE CHASES HAVE BEEN REMOVED.

LEGEND, A121

- INDICATES ZONE REQUIRED TO BE 1 HOUR FIRE SEPARATION FOR EVIDENCE STORAGE OR DEMISING CONSTRUCTION BETWEEN AREA OF WORK AND ADJACENT SPACE. IT IS ASSUMED THAT EXISTING CONSTRUCTION IS CLOSE TO ACHIEVING THIS REQUIREMENT. SEAL ALL EXISTING AND NEW PENETRATIONS WITH FIRESTOP SEALANT
- INDICATES ZONE REQUIRED TO BE 3/4 HOUR FIRE SEPARATION. IT IS ASSUMED THAT EXISTING CONSTRUCTION IS CLOSE TO ACHIEVING THIS REQUIREMENT. SEAL ALL EXISTING AND NEW PENETRATIONS WITH FIRESTOP SEALANT
- NEW CARPET WITH VINYL BASE.
- NEW FUME HOODS TO BE PROVIDED IN CONTRACT
- NEW BENCHWORK TO BE PROVIDED IN CONTRACT
- WALL FINISH COLOUR

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4	ISSUED FOR TENDER	2018/01/07
3	ISSUED FOR TENDER REVIEW	2018/11/27
2	ISSUED FOR 99% REVIEW	2018/11/02
1	ISSUED FOR 66% REVIEW	2018/10/12



DID LAB RENOVATION

OTTAWA, ONTARIO

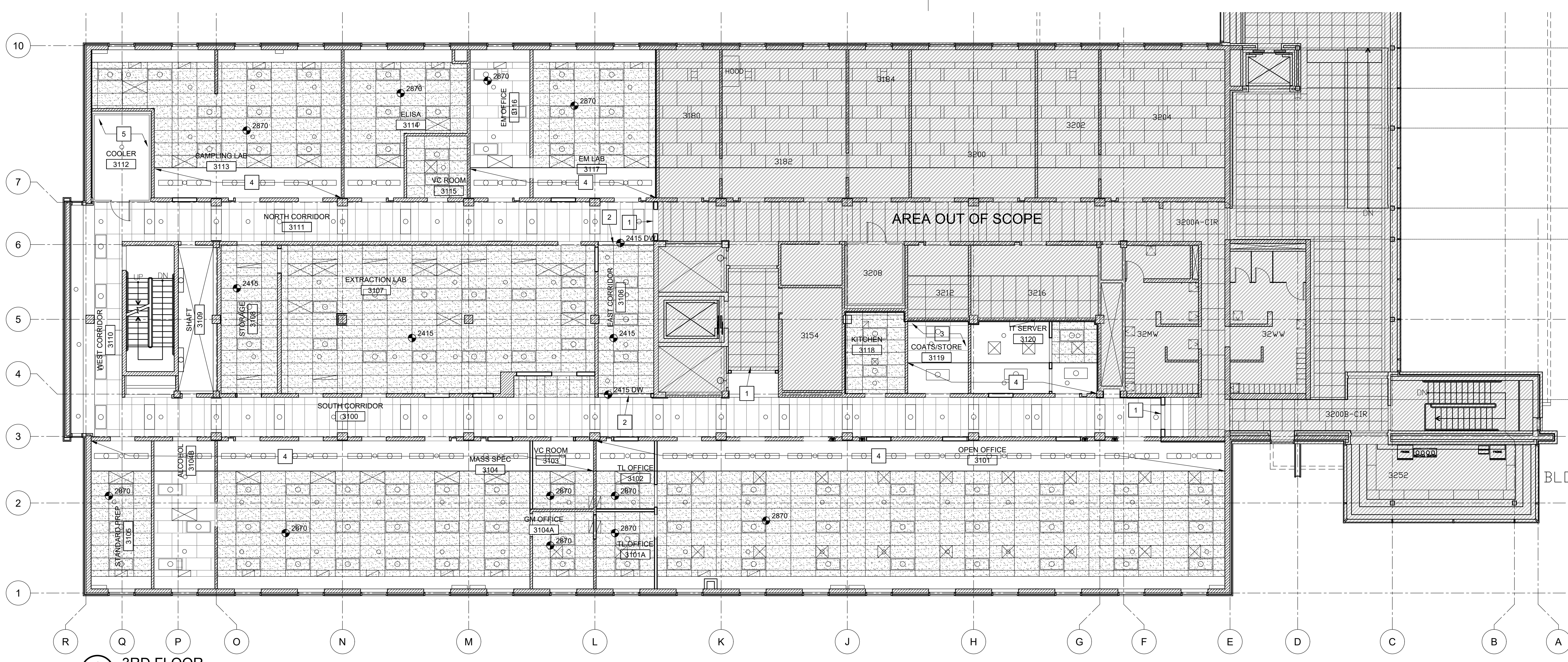
CONSTRUCTION/ FINISH PLANS

Designed By	PK/RR	Conçu par	
Date	OCT 2018	(yyyy/mm/dd)	
Drawn By	RR/PM	Dessiné par	
Date	OCT 2018	(yyyy/mm/dd)	
Reviewed By	PK	Examiné par	
Date	OCT 2018	(yyyy/mm/dd)	
Approved By	PK	Approuvé par	
Date	OCT 2018	(yyyy/mm/dd)	
Tender		Submission	
Project Manager	ANNE RICHARDS	Administrateur de projets	
Project no.		No. du projet	
			PTS 4845
Drawing no.		No. du dessin	
			A121

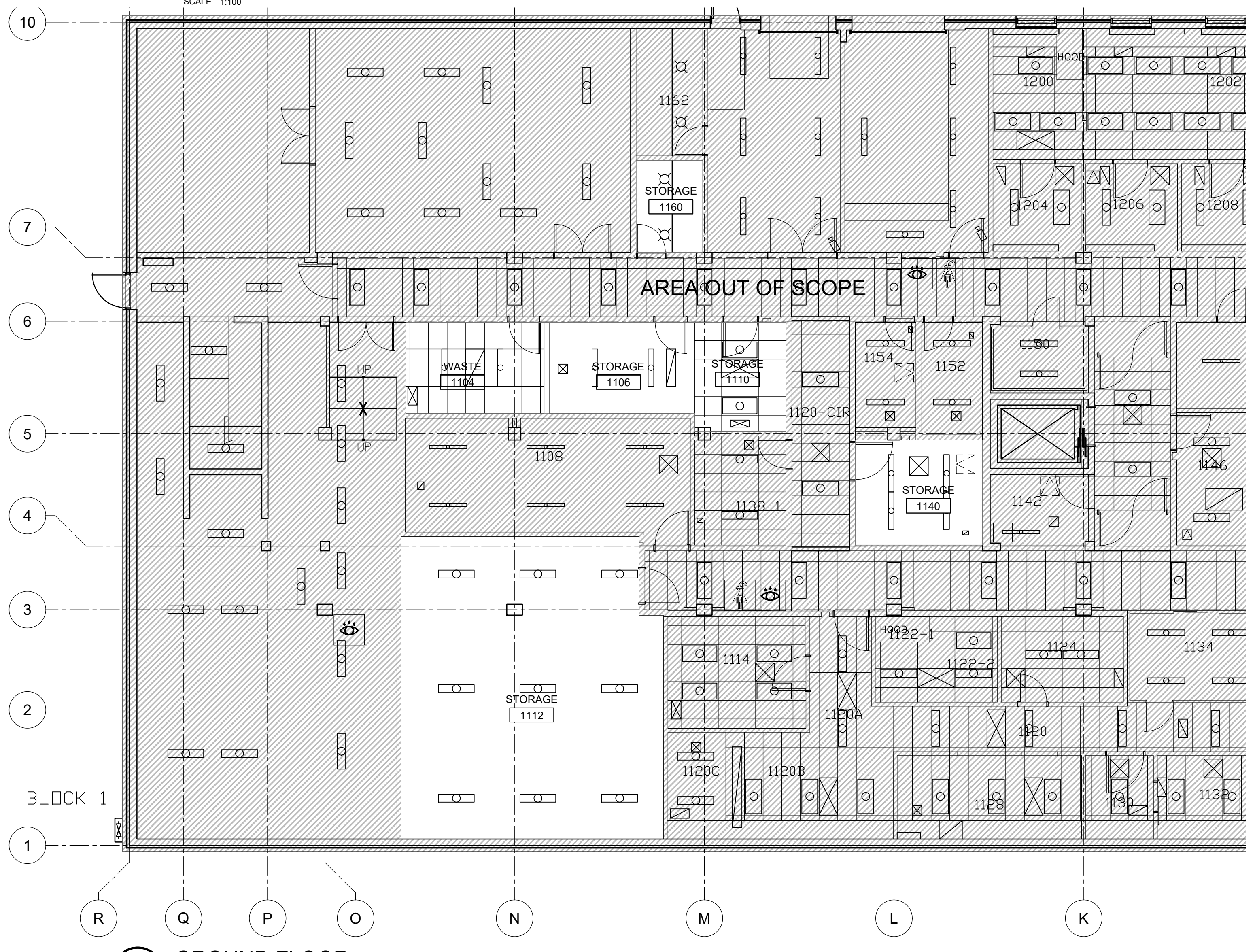




L'ENTREPRENEUR DEVRA VÉRIFIER TOUTES LES DIMENSIONS ET LES CONDITIONS SUR LE CHANTIER ET AVISER SANS DÉLAI LE REPRÉSENTANT DU MINISTÈRE DE TOUTE ANOMALIE.  
Contractor to verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.



**1 3RD FLOOR REFLECTED CEILING PLAN - NEW**  
A131  
SCALE 1:100



**2 GROUND FLOOR REFLECTED CEILING PLAN - NEW**  
A131  
SCALE 1:100

**GENERAL NOTES, A131**

A. EXISTING ELECTRICAL AND MECHANICAL FIXTURES AND EQUIPMENT SHOWN HERE FOR COORDINATION. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS IN THE CASE OF DISCREPANCY BETWEEN THIS DRAWING AND MECHANICAL OR ELECTRICAL DRAWINGS REGARDING MECHANICAL OR ELECTRICAL EQUIPMENT. MECHANICAL AND ELECTRICAL DRAWINGS TAKE PRECEDENCE.

**DRAWING NOTES, A131**

1. REMOVE AND REPLACE CEILING GRID AND TILES AS REQUIRED TO ACCOMMODATE CONSTRUCTION OF NEW FLOOR TO SLAB PARTITION. 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.
2. PROVIDE DRYWALL BULKHEAD IN AREA OF PREVIOUS PARTITION.
3. EXISTING SUSPENDED ACOUSTIC TILE CEILING TO REMAIN.
4. EXISTING DRYWALL CEILING/BULKHEAD TO REMAIN.
5. EXISTING COOLER CEILING TO REMAIN.

**LEGEND, A131**

- NEW ACOUSTIC TILE CEILING.
- CEILING-MOUNTED MECH. AND ELEC. FIXTURES. REFER TO MECH. AND ELEC.

revisions	description	date
4	ISSUED FOR TENDER	2018/01/07
3	ISSUED FOR TENDER REVIEW	2018/11/27
2	ISSUED FOR 99% REVIEW	2018/11/27
1	ISSUED FOR 66% REVIEW	2018/10/12

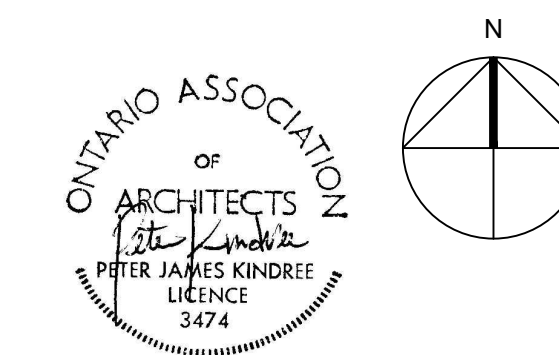
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B location drawing no. sur dessin no.		B location drawing no. sur dessin no.		
C drawing no. dessin no.		C drawing no. dessin no.		

project DID LAB RENOVATION  
OTTAWA, ONTARIO  
drawing dessin

**REFLECTED CEILING PLANS NEW**

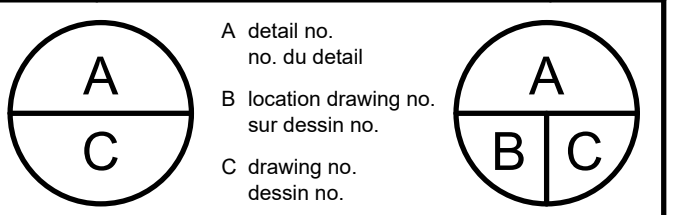
Designed By Date PK/RR OCT 2018	Conçu par (yyyy/mm/dd)
Drawn By Date RR/PM OCT 2018	Dessiné par (yyyy/mm/dd)
Reviewed By Date PK OCT 2018	Examiné par (yyyy/mm/dd)
Approved By Date PK OCT 2018	Approuvé par (yyyy/mm/dd)
Tender	Soumission
Project Manager ANNE RICHARDS	Administrateur de projets
Project no. PTS 4845	No. du projet
Drawing no. A131	No. du dessin





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.

5	ISSUED FOR TENDER	2019/01/07
4	ISSUED FOR TENDER REVIEW	2018/11/27
3	ISSUED FOR 99% REVIEW	2018/11/20
2	ISS. RCMP SECURITY REVIEW	2018/10/16
1	ISSUED FOR 66% REVIEW	2018/10/12



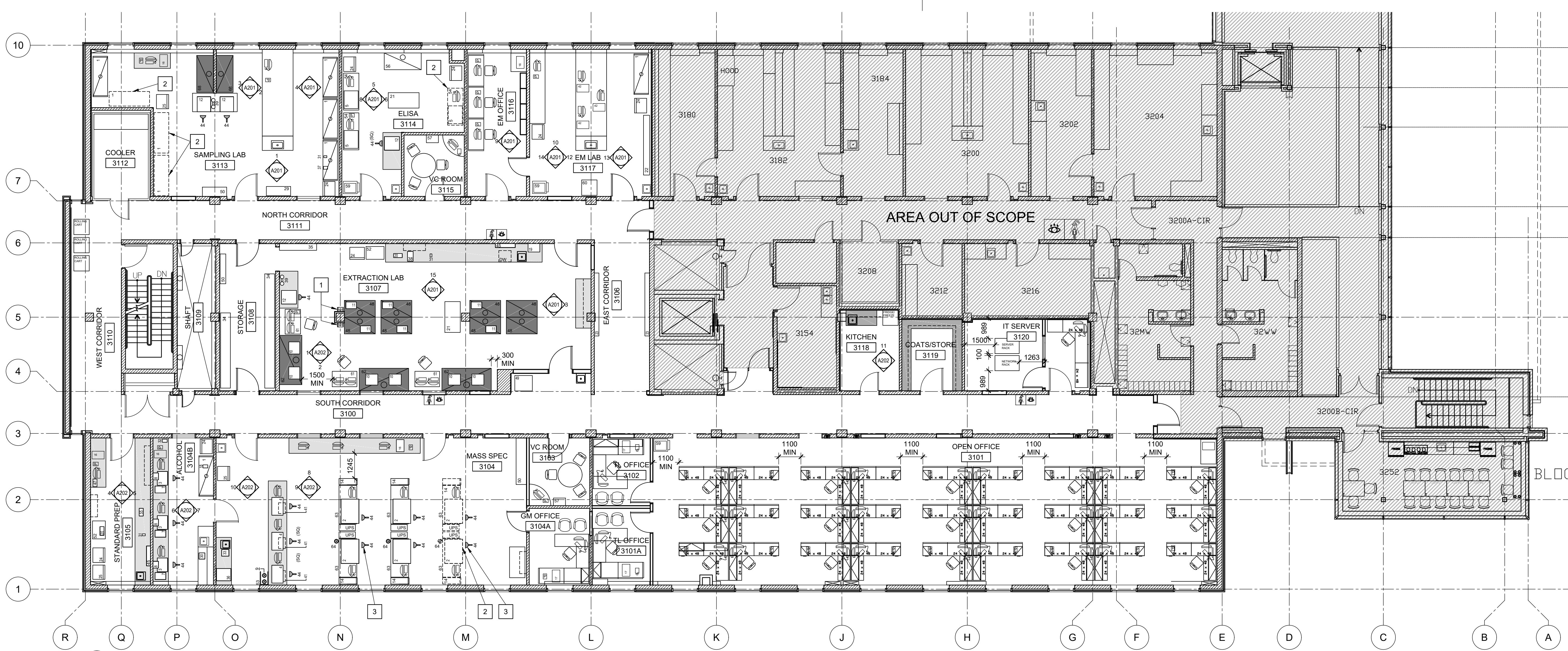
project description date

DID LAB RENOVATION

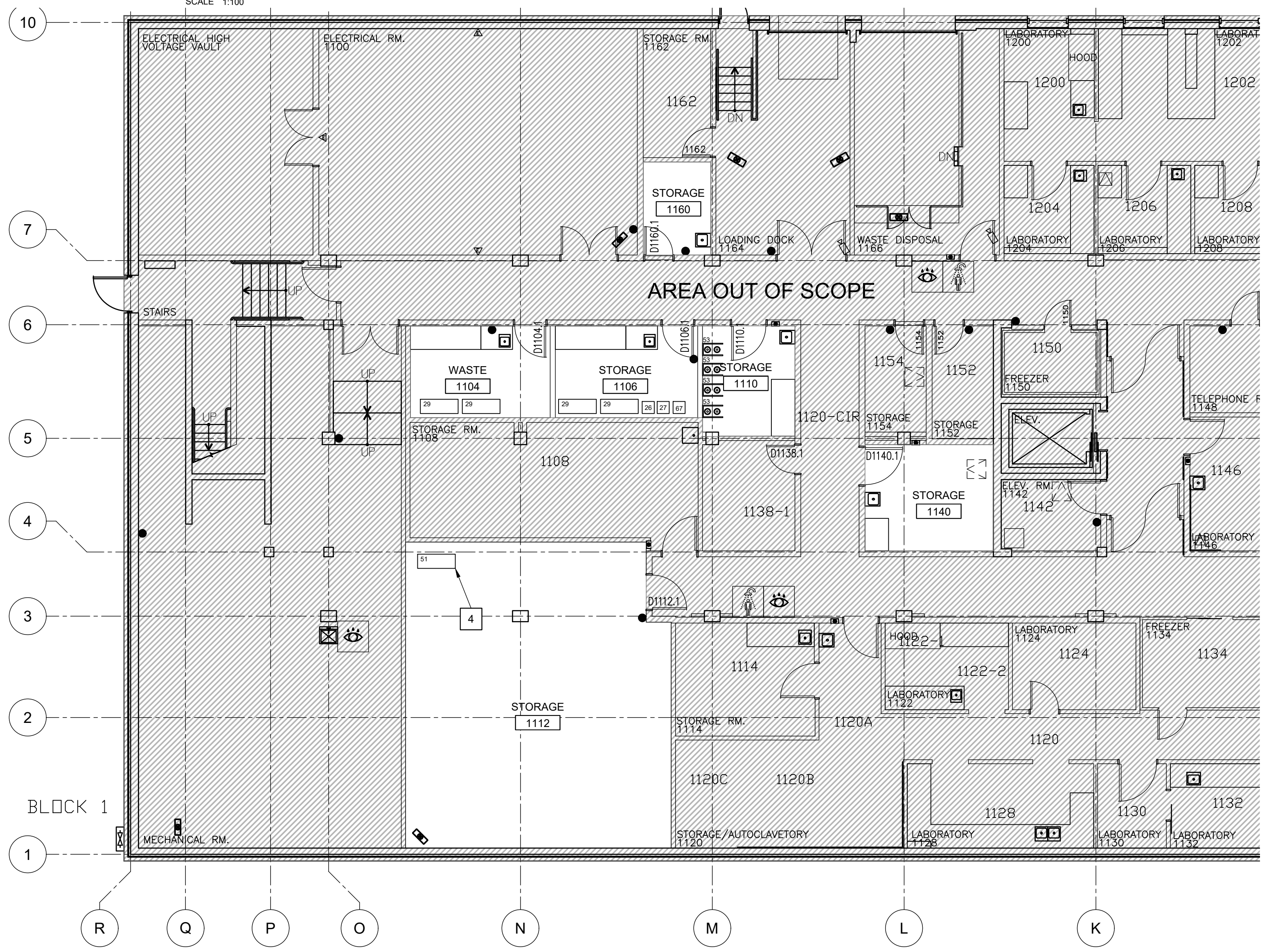
OTTAWA, ONTARIO

EQUIPMENT/FURNITURE PLANS

Designed By	PK/RR	Conçu par	
Date	OCT 2018	(yyyy/mm/dd)	
Drawn By	RR/PM	Dessiné par	
Date	OCT 2018	(yyyy/mm/dd)	
Reviewed By	PK	Examiné par	
Date	OCT 2018	(yyyy/mm/dd)	
Approved By	PK	Approuvé par	
Date	OCT 2018	(yyyy/mm/dd)	
Tender		Submission	
Project Manager	ANNE RICHARDS	Administrateur de projets	
Project no.	PTS 4845	No. du projet	
Drawing no.	A151	No. du dessin	



1 3RD FLOOR EQUIPMENT/FURNITURE PLAN  
SCALE 1:100



2 GROUND FLOOR EQUIPMENT/FURNITURE PLAN  
SCALE 1:100

GENERAL NOTES, A151

- A. ALL WORKSTATIONS, OFFICE EQUIPMENT, AND LAB EQUIPMENT, EXCEPT FOR THOSE LISTED AS INCLUDED IN CONTRACT ON EQUIPMENT SCHEDULE, ARE PROVIDED BY DEPARTMENTAL REPRESENTATIVE AND SHOWN HERE FOR THE PURPOSE OF COORDINATION ONLY. REFER TO EQUIPMENT SCHEDULE THIS SHEET.
- B. ALL LOOSE AND SYSTEMS FURNITURE BY DEPARTMENTAL REPRESENTATIVE, SHOWN FOR COORDINATION WITH OTHER WORK AND REQUIRED SERVICES.
- C. SERVER AND NETWORK RACK PROVIDED BY DEPARTMENTAL REPRESENTATIVE.
- D. PROVIDE HANDS FREE SOAP DISPENSER AND ULINE EZ PULL SENIOR PAPER TOWEL DISPENSER AT EACH SINK. EXACT LOCATION OF INSTALLATION TO BE COORDINATED WITH DEPARTMENTAL REPRESENTATIVE.

DRAWING NOTES, A151

- EQUIPMENT TO BE WALL MOUNTED. COORDINATE EXACT LOCATION AND HEIGHT WITH DEPARTMENTAL REPRESENTATIVE.
- EQUIPMENT INDICATED WITH DASHED LINES WILL BE INSTALLED AT A FUTURE DATE. PROVIDE REQUIRED SERVICES FOR FUTURE INSTALLATION.
- PROVIDE SNORKELS TO SERVE EQUIPMENT BELOW. COORDINATE EXACT LOCATION OF INSTALLATION WITH DEPARTMENTAL REPRESENTATIVE. TYPICAL.
- AIR COMPRESSOR. FINAL LOCATION OF AIR COMPRESSOR TO BE CONFIRMED WITH DEPARTMENTAL REPRESENTATIVE.

LEGEND, A151

- ☎ TELEPHONE
- 💻 COMPUTER

EQUIPMENT SCHEDULE, A151

Item #	Equipment Name	Quantity	Size (LxWxH in meters)	Weight (KG)	Comments	Item Included in Contract
1	Biological Safety Cabinet	6	2x 72x1.39	426	Floor	NIC
2	UPLC-MS/MS	6	1.2x 88x2.18	304.3	Ion Bench (weight includes bench)	NIC
3	Headspace GC-FID	3	51x 68x 49	49	Bench	NIC
4	GC-MSD	3	88x 56x 50	112	Bench	NIC
5	ELISA	3	696x 881x 93	84	Bench	NIC
6	Nitrogen Generator - Extraction Lab	2	0.27x0.37x0.42	23	Wall mount	Included
7	Hydrogen Generator	3	342x 53x 435	27.4	Bench	NIC
8	Zero Air Generator	3	27x 34x 42	19	Wall mounted	NIC
9	Helium Gas Canners	2			Floor, fixed to wall	NIC
10	Liquid Handlers	6	597x 541x 571	22	Two in each 8' fumehood	NIC
11	Evaporators	6	52x 33x 32	30.4	Inside fumehood	NIC
12	Centrifuges	4	67x 74x 36	116	Bench	NIC
13	Various UPS	16	44x 17x 21	20.4	Not shown on plans	NIC
14	Nitrogen Generator - Mass Spec Lab	6	0.7x0.9x0.31	92.5	Within UPLC-MS/MS workstation	NIC
15	Computers	66			Number not used, refer to legend	NIC
16	Printers	5				NIC
17	Scanners	3				NIC
18	Dilutor	1			Inside biosafety cabinet	NIC
19	Millipore Water Purification System	1	581x 413x 713	28	Wall mount	NIC
20	Analytical Balance	2			Table for analytical balance	NIC
21	Large Moveable Table or Cart	2			Floor	NIC
22	General Storage Cabinets	2			Floor, fixed to wall	NIC
23	Coat Rack for Labcoats	N/A			Wall mount hook	NIC
24	Refridgerator	3	723x 601x 90	136	Floor	NIC
25	Freezer	3	603x 705x 147	90.7	Floor	NIC
26	Safety Cabinet - Acids	1			Floor, Storage room 1106	NIC
27	Safety Cabinet - Bases	1			Floor, Storage room 1106	NIC
28	Hands free soap dispenser	11			Wall mount	Included
29	Safety Cabinet - Flammable	4			Floor, Storage room 1106	NIC
30	Stirrer/Hot Plate	1			Bench	NIC
31	Vortex	1			Fumehood	NIC
32	Capper/Crimpter	1			Inside biosafety cabinet	NIC
33	Sonicator	1			Bench	NIC
34	Cabinets	2	482 Deep			NIC
35	Glassware storage	8			Existing slaved from demolition, refer demo	NIC
36	Incubator Oven	1			Bench	NIC
37	Homogenizer	1			Inside biosafety cabinet	NIC
38	pH Meter	1			Bench	NIC
39	Triple Beam Balance	2			Bench (next to centrifuge)	NIC
40	Glassware Dishwasher	1	0.598x0.598x0.835	78	Under counter	NIC
41	Vacuum Pump	3			Acoustic cabinet	NIC
42	Barcode Printer	3				NIC
43	Paper towel dispenser	11			Wall mount	Included
44	Snorkel	16			Ceiling mounted (provide for 2 future installations.)	Included
45	Drying Rack	2			Bench or wall mounted	NIC
46	Biohazard Waste Bins	N/A			Not shown on plans	NIC
47	Melting Point Apparatus	1			Bench	NIC
48	Fume Hood (5')	8			Refer to Fumehood Schedule, mechanical	Included
49	Lab Coat Hamper	4			Floor	NIC
50	Shelving Units - Open, adjustable	1			Wall mount	NIC
51	Air Compressor	1			Room 1112	Included
52	Table, Analytical Balance	2			Floor	NIC
53	Gas Cylinder Rack	1			Floor - affixed to bench	NIC
54	ELISA custom benches	2			Floor	NIC
55	Arial System	1	203x 381x 127		Bench	NIC
56	Ductless Fumehood	1				NIC
57	Video Conference System	2				NIC
58	Not used					
59	Print Station	4				NIC
60	Roll Cart	1				NIC
61	Workstation, 48"x30"	3				NIC
62	Fumehood (6')	3				NIC
63	Ion Bench	6			Refer to Fumehood Schedule, mechanical	Included
64	Argon Tanks	3				NIC
65	Rolling Table	2				NIC
66	Shelf	1	1.22x0.46x0.2.5		Floor fastened to wall	NIC
67	Solvent Box	1	0.406x0.406x0.406		Floor	NIC
68	Fumehood (6')	1			Refer to Fumehood Schedule, mechanical	Included



**DRAWING NOTES, A201**

1. EXISTING METAL BENCHWORK TO REMAIN WITH NEW EPOXY COUNTERTOP. REPAINT TO MATCH NEW METAL CASEWORK.
2. EXISTING METAL SERVICE CHASE TO REMAIN. PROVIDE FILLER PANELS WHERE GAPS MADE FROM REMOVAL OF EXISTING PARTITIONS.
3. NEW STAINLESS STEEL SINK.
4. EXISTING BLUE GLASSWARE CABINETS SALVAGED FROM DEMO. EXACT LOCATION TO BE COORDINATED WITH DIRECTION FROM DEPARTMENTAL REPRESENTATIVE.
5. INTEGRAL COVE BASE.
6. EXISTING METAL BENCHWORK FROM 3176 WITH NEW EPOXY COUNTERS. REFER ALSO TO DEMOLITION AND CONSTRUCTION PLANS.
7. EXISTING WINDOWS TO REMAIN, TYPICAL.
8. LAB AND OFFICE EQUIPMENT INDICATED WITH LIGHT LINEWORK NOT IN CONTRACT & SHOWN FOR COORDINATION ONLY. REFER TO EQUIPMENT SCHEDULE.
9. EXISTING RESILIENT BASE ON METAL BENCHWORK TO BE REMOVED, INCLUDING ADHESIVES AND RESIDUE. PRIOR TO REPAINTING, REPLACE WITH NEW RESILIENT BASE.
10. REMOVE EXISTING P-LAM MILLWORK COVERS OF EXISTING HORIZONTAL SERVICE CHASES AND REPLACE WITH NEW METAL COVERS TO MATCH EXISTING.
11. PROVIDE NEW RESILIENT BASE AT BASE OF ALL NEW BENCHWORK, TYPICAL.
12. REPAINT ALL EXISTING METAL SERVICE CHASES TO MATCH BENCHWORK.
13. PROVIDE NEW RESILIENT BASE AT BASE OF ALL METAL SERVICE CHASE, TYPICAL.
14. POWER AND DATA MONUMENTS EQUALLY SPACED, REFER TO ELECTRICAL.
15. POWER OR DATA OUTLETS, REFER TO ELECTRICAL.
16. EXISTING CONCRETE EXTERIOR WALL, REPAINT.
17. EXISTING DRYWALL BULKHEAD TO REMAIN, REFER TO REFLECTED CEILING PLANS.
18. 100MM INTEGRAL CURB TYPICAL ON ALL NEW EPOXY COUNTERS.
19. PROVIDE NEW METAL COVER FOR SERVICE CHASE WHERE EXISTING IS MISSING.



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.

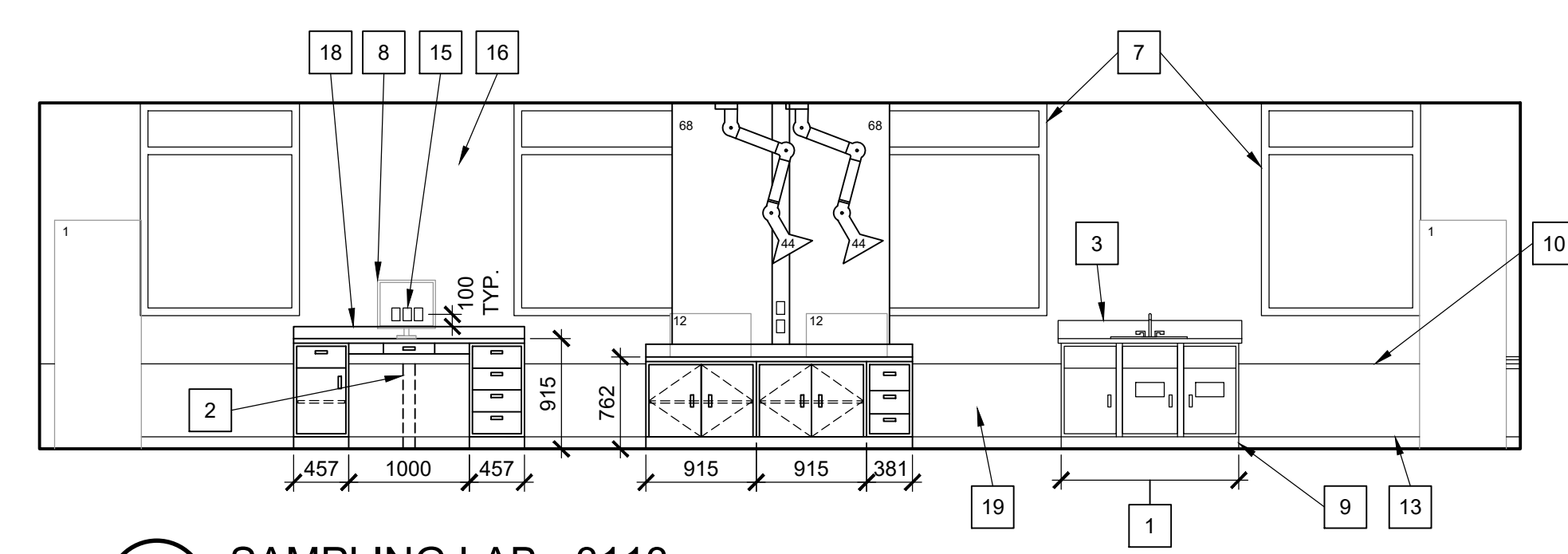
revisions	description	date
4	ISSUED FOR TENDER	2018/01/07
3	ISSUED FOR TENDER REVIEW	2018/11/27
2	ISSUED FOR 99% REVIEW	2018/11/02
1	ISSUED FOR DESIGN DEVELOPMENT	2018/09/21

A	A detail no. du détail	A
B	Location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C

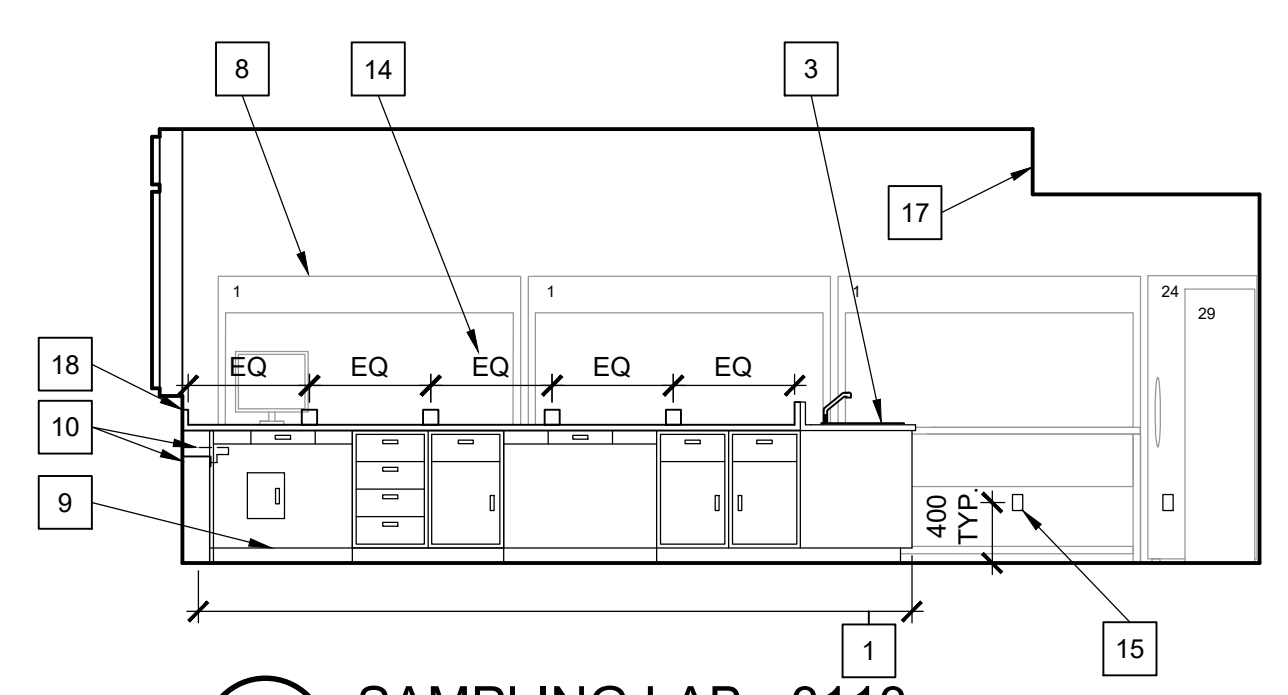
project **DID LAB RENOVATIONS** project  
OTTAWA, ONTARIO

drawing **INTERIOR ELEVATIONS** dessin

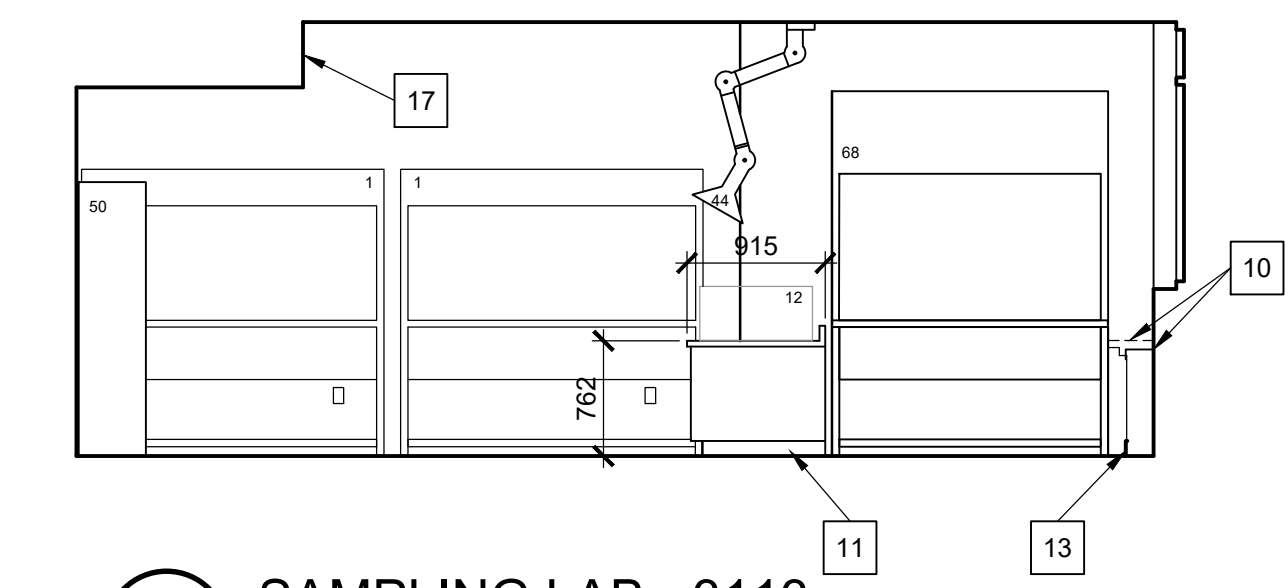
Designed By	PK/RR	Conçu par	
Date	SEPT 2018	(yyyy/mm/dd)	
Drawn By	RR/PM	Dessiné par	
Date	SEPT 2018	(yyyy/mm/dd)	
Reviewed By	PK	Examiné par	
Date	SEPT 2018	(yyyy/mm/dd)	
Approved By	PK	Approuvé par	
Date	SEPT 2018	(yyyy/mm/dd)	
Tender		Submission	
Project Manager	ANNE RICHARDS	Administrateur de projets	
Project no.		No. du projet	
	<b>PTS 4845</b>		
Drawing no.		No. du dessin	
	<b>A201</b>		



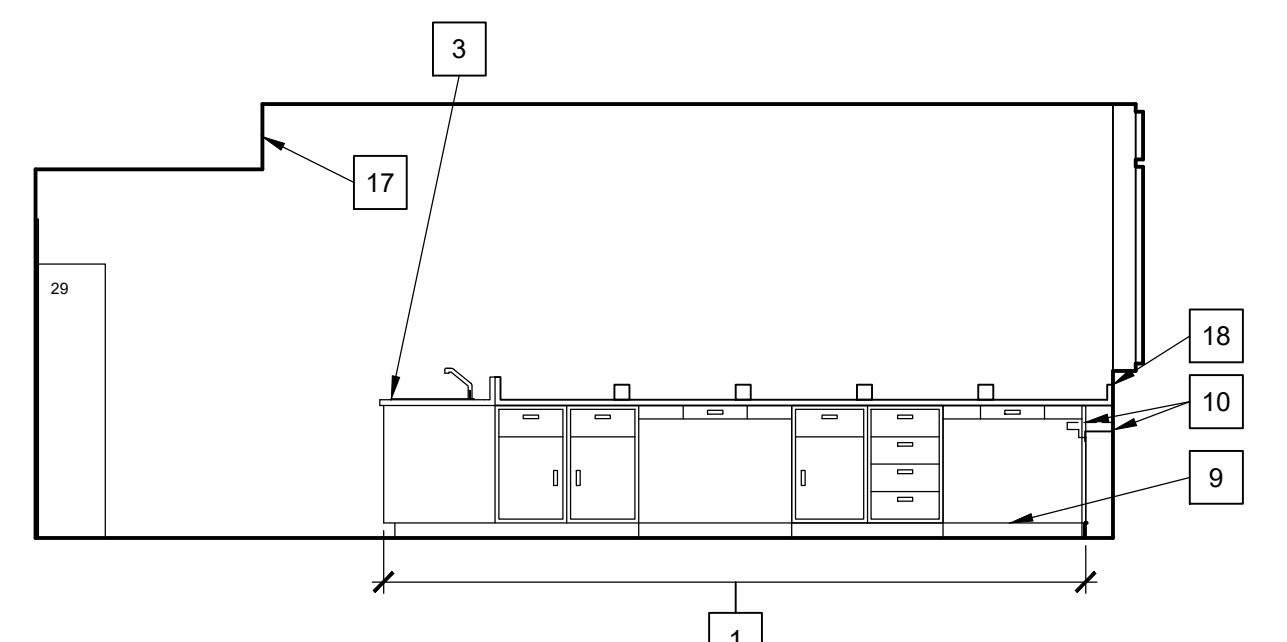
**1 SAMPLING LAB - 3113 NORTH ELEVATION**  
SCALE 1:50



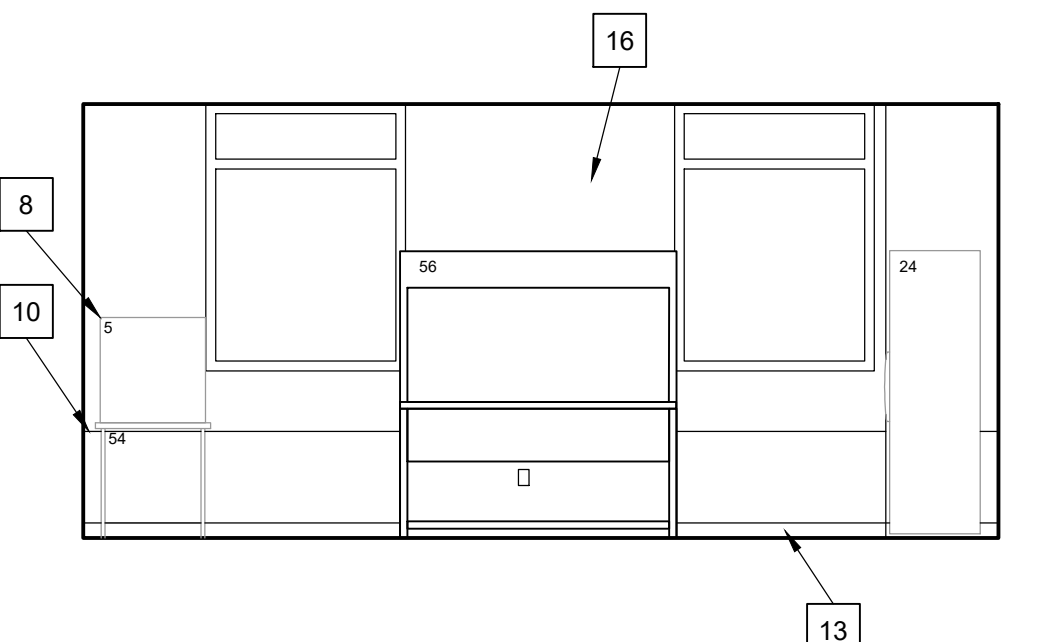
**2 SAMPLING LAB - 3113 EAST ELEVATION**  
SCALE 1:50



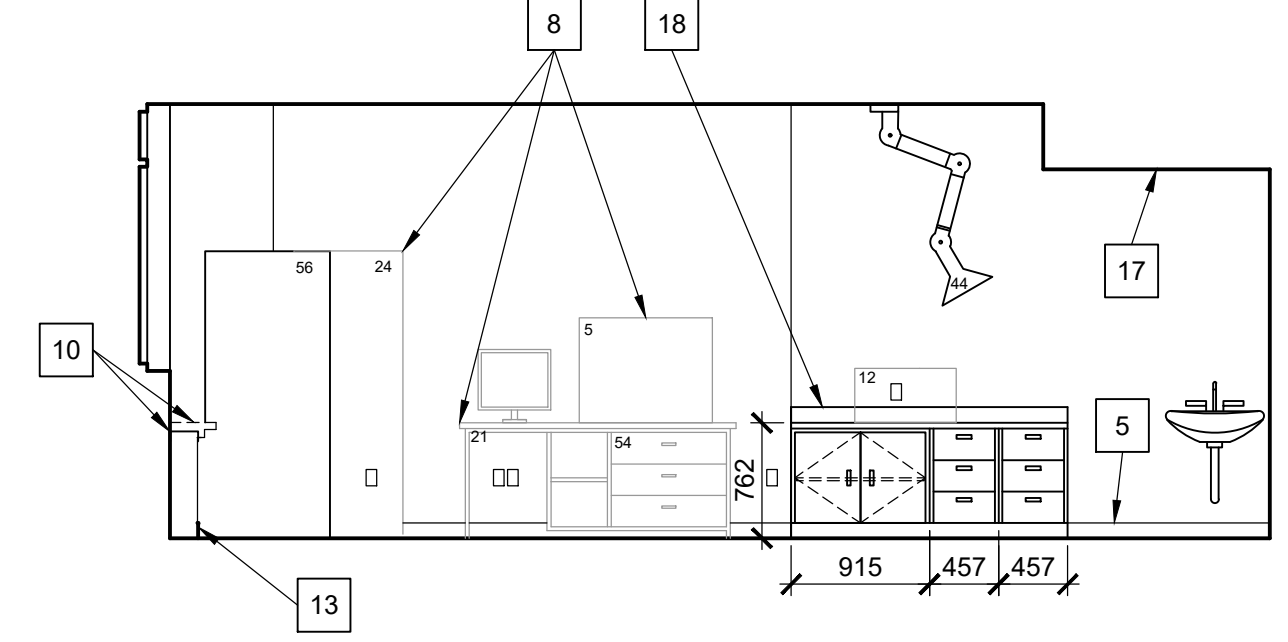
**3 SAMPLING LAB - 3113 WEST-A ELEVATION**  
SCALE 1:50



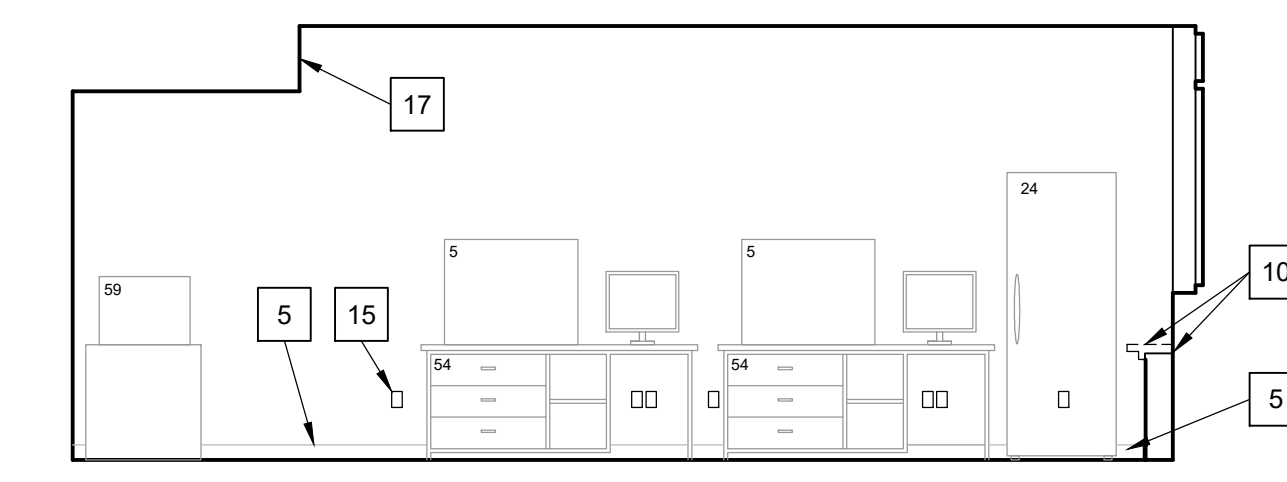
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SCALE 1:50



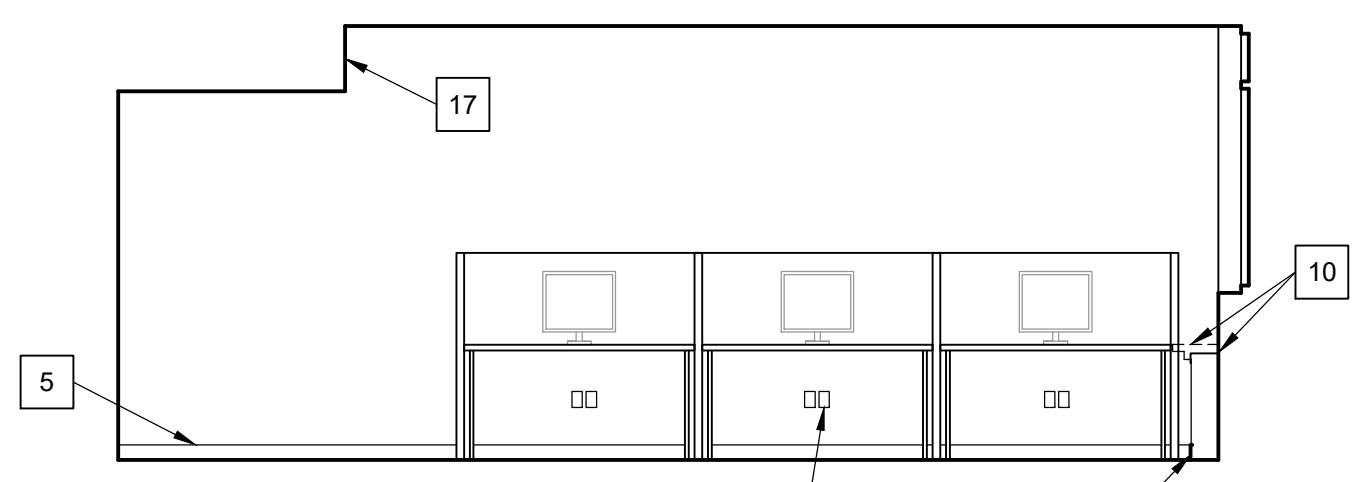
**5 ELISA LAB - 3114 NORTH ELEVATION**  
SCALE 1:50



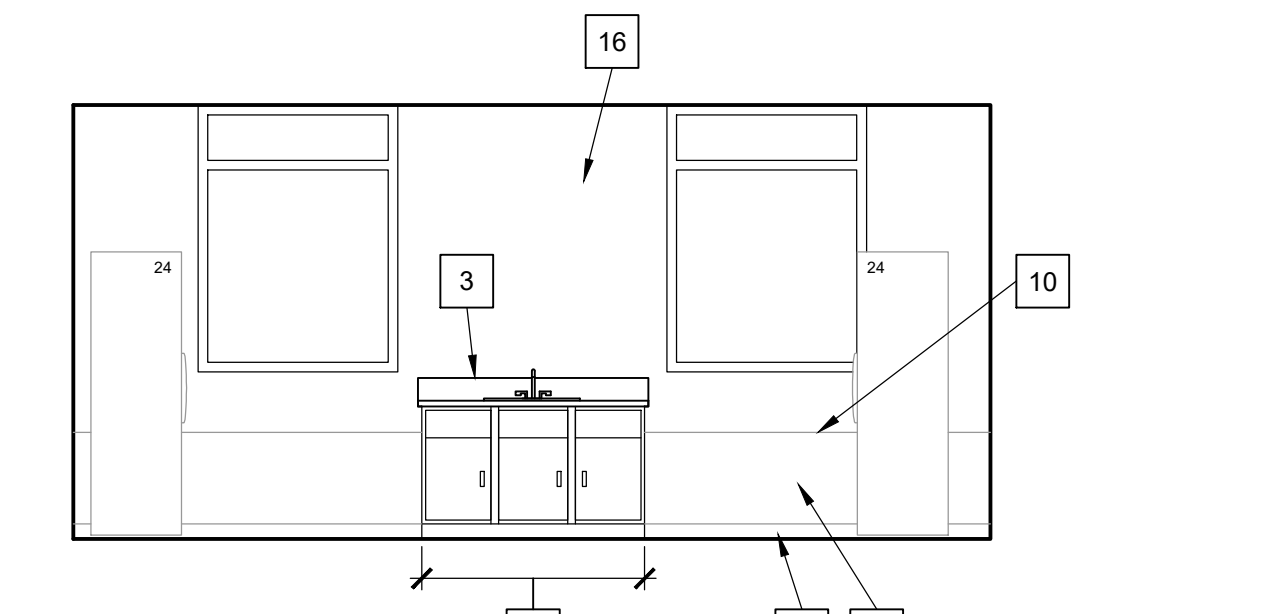
**6 ELISA LAB - 3114 EAST ELEVATION**  
SCALE 1:50



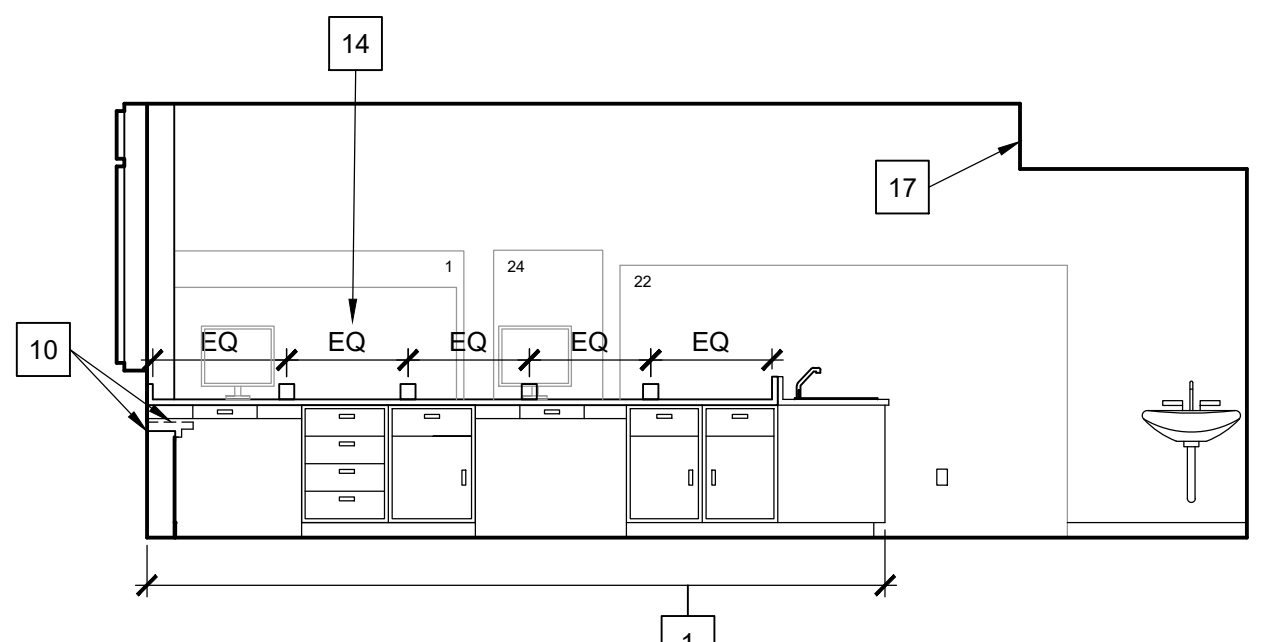
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SCALE 1:50



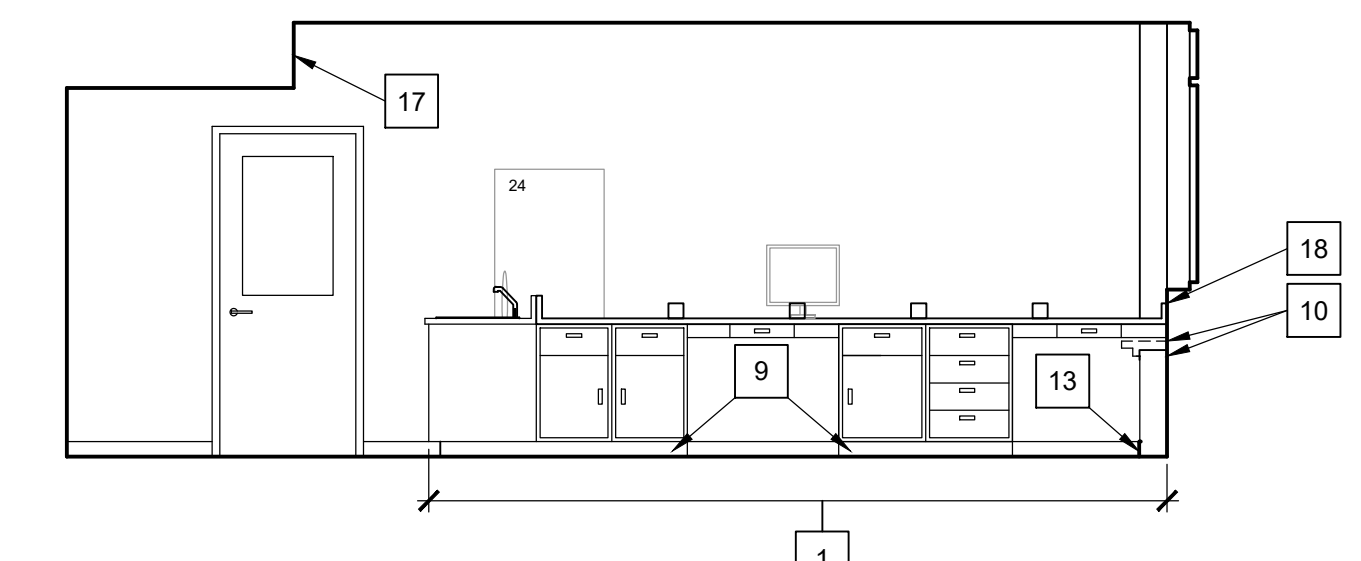
**9 EM OFFICE - 3116 WEST ELEVATION**  
SCALE 1:50



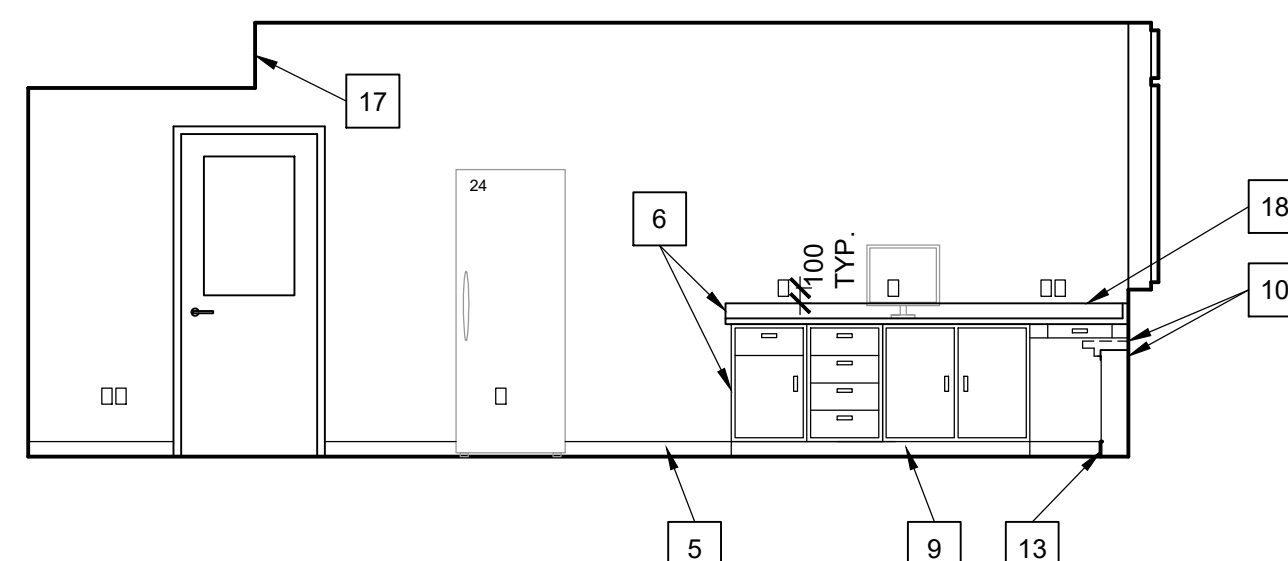
**10 EM LAB - 3117 NORTH ELEVATION**  
SCALE 1:50



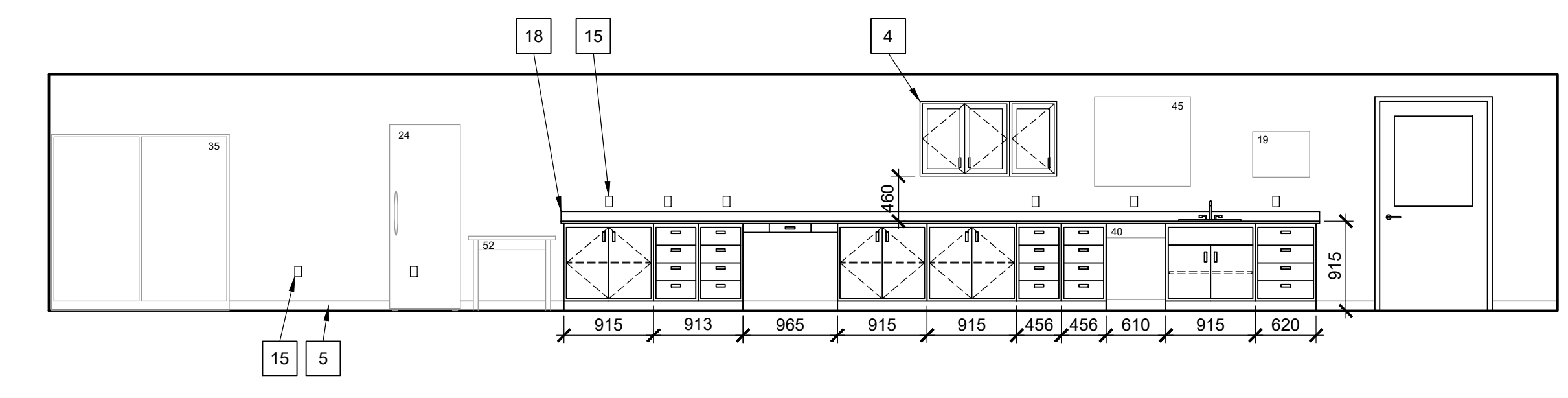
**12 EM LAB - 3117 EAST ELEVATION**  
SCALE 1:50



**13 EM LAB - 3117 WEST ELEVATION**  
SCALE 1:50

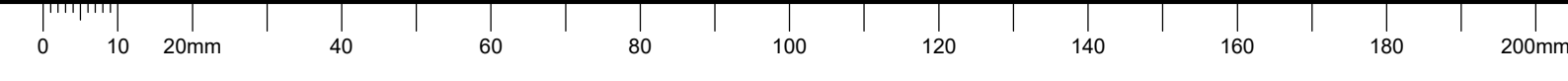


**14 EM LAB - 3117 WEST ELEVATION**  
SCALE 1:50



**15 EXTRACTION LAB - 3107 NORTH ELEVATION**  
SCALE 1:50

C



THESE RECORD DRAWINGS SHOW SIGNIFICANT CHANGES IN WORK MADE DURING CONSTRUCTION BASED ON MARKED-UP PRINTS, DRAWINGS, AND OTHER DATA FURNISHED BY THE CONTRACTOR TO THE ARCHITECT. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE CONTRACTOR.



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

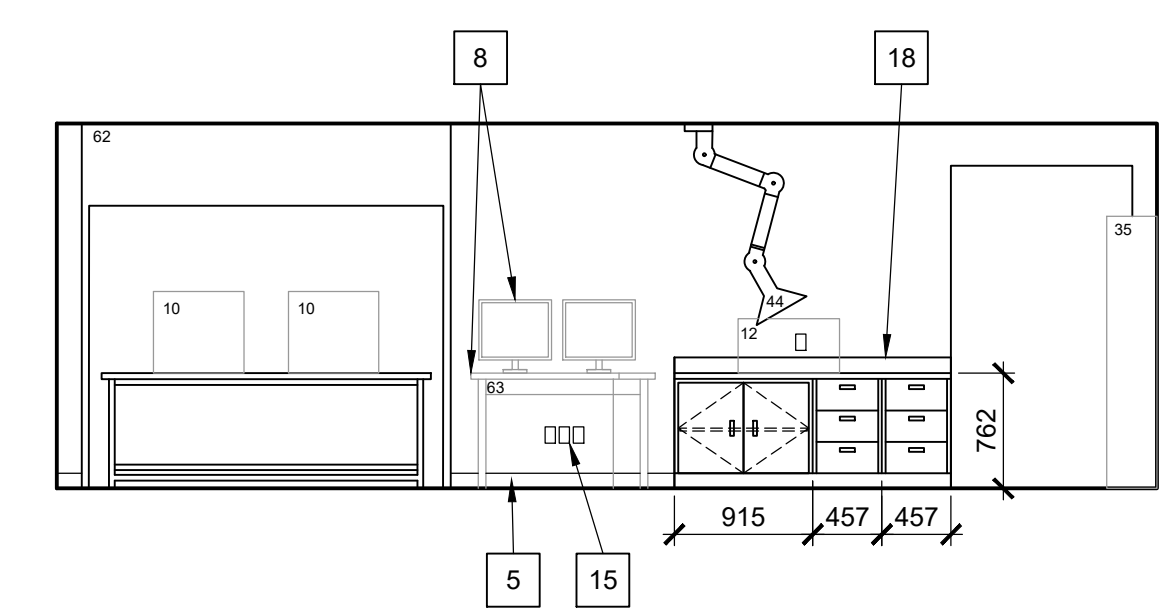
Contractor to verify all dimensions and conditions on site and immediately notify the departmental representative of all discrepancies.

**DRAWING NOTES, A202**

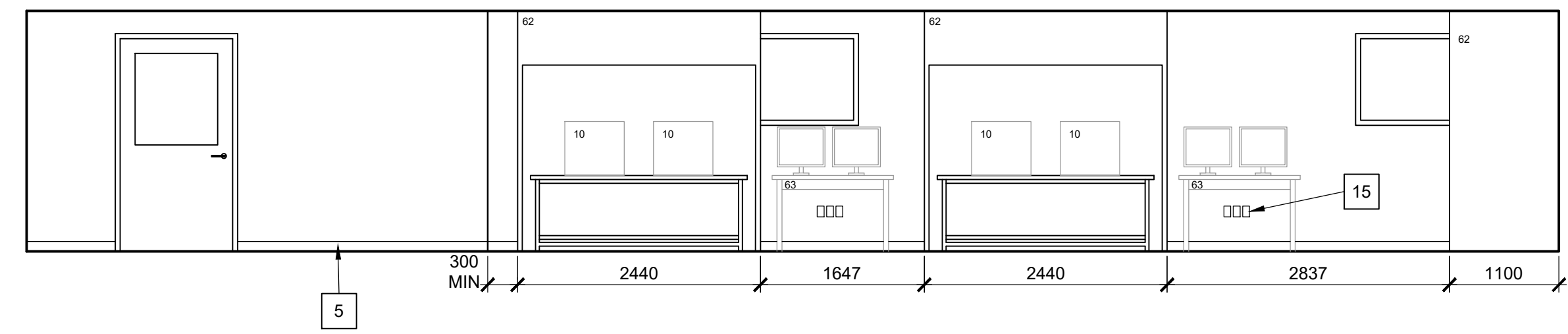
1. EXISTING METAL BENCHWORK TO REMAIN WITH NEW EPOXY COUNTERTOP. REPAINT TO MATCH NEW METAL CASEWORK.
2. EXISTING METAL SERVICE CHASE TO REMAIN. PROVIDE FILLER PANELS WHERE GAPS MADE FROM REMOVAL OF EXISTING PARTITIONS.
3. NEW STAINLESS STEEL.
4. EXISTING BLUE GLASSWARE CABINETS SALVAGED FROM DEMO. EXACT LOCATION TO BE COORDINATED WITH DIRECTION FORM DEPARTMENTAL REPRESENTATIVE.
5. INTEGRAL COVE BASE.
6. EXISTING METAL BENCHWORK FROM 3176. REFER TO DEMOLITION AND CONSTRUCTION PLANS.
7. EXISTING WINDOWS TO REMAIN, TYPICAL.
8. LAB AND OFFICE EQUIPMENT INDICATED WITH LIGHT LINEWORK NOT IN CONTRACT & SHOWN FOR COORDINATION ONLY. REFER TO EQUIPMENT SCHEDULE.
9. EXISTING RESILIENT BASE ON METAL BENCHWORK TO BE REMOVED, INCLUDING ADHESIVES AND RESIDUE, PRIOR TO REPAINTING. REPLACE WITH NEW RESILIENT BASE.
10. REMOVE EXISTING P-LAM MILL WORK COVERS OF EXISTING HORIZONTAL SERVICE CHASES AND REPLACE WITH NEW METAL COVERS TO MATCH EXISTING.
11. PROVIDE NEW RESILIENT BASE AT BASE OF ALL NEW BENCHWORK, TYPICAL.
12. REPAINT ALL EXISTING METAL SERVICE CHASES TO MATCH BENCHWORK.
13. PROVIDE NEW RESILIENT BASE AT BASE OF METAL SERVICE CHASE, TYPICAL.
14. POWER AND DATA RACEWAY, REFER TO ELECTRICAL.
15. POWER OR DATA OUTLETS, REFER TO ELECTRICAL.
16. EXISTING CONCRETE EXTERIOR WALL, REPAINT.
17. EXISTING DRYWALL BULKHEAD TO REMAIN, REFER TO REFLECTED CEILING PLANS.
18. 100mm INTEGRAL CURB TYPICAL ON ALL NEW EPOXY COUNTERS.
19. OPEN CABINET FRONT AND BACK FOR COMPUTER AND UPS. PROVIDE ADJUSTABLE SHELF.
20. EXISTING INTERIOR WINDOWS TO REMAIN.
21. REFRIGERATOR NIC.
22. EXISTING COLUMN TO REMAIN.
23. SUSPENDED ACOUSTIC TILE CEILING, REFER TO REFLECTED CEILING PLANS.
24. EXISTING CONCRETE SLAB ABOVE.
25. PROVIDE VACUUM PUMP ACOUSTICAL CABINET WITH BUILT IN ON/OFF SWITCH AS INDICATED ON FACE.
26. PROVIDE CABLE ENTRY PLUGS AT BACK OF COUNTER FOR EACH WORKSTATION.
27. EXISTING STAINLESS STEEL SINK TO REMAIN.
28. LINE INDICATES ZONE REQUIRED TO BE 1 HOUR FIRE SEPARATION FOR EVIDENCE STORAGE. EXISTING BULKHEAD AND PARTITION TO BE MODIFIED TO PROVIDE CONTINUOUS 1HR FIRE SEPARATION. ADD ONE LAYER OF 18mm TYPE-X FIRECODE GYPSUM PANEL FROM SLAB TO U/S OF DECK. FIRESTOP ALL PENETRATIONS.
29. EXISTING DUCT SHOWN AT APPROXIMATE SIZE AND LOCATION. DUCT REDUCES IN SIZE, SHOWN HERE AT LARGEST DIMENSION.

**GENERAL NOTES, A202**

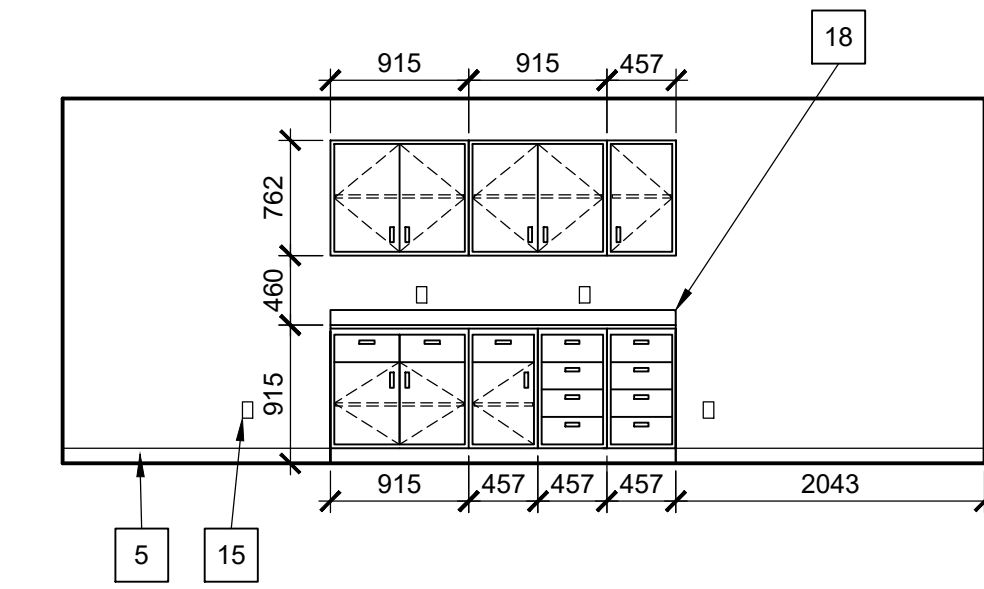
- A. SITE VERIFY FLOOR TO CEILING HEIGHT



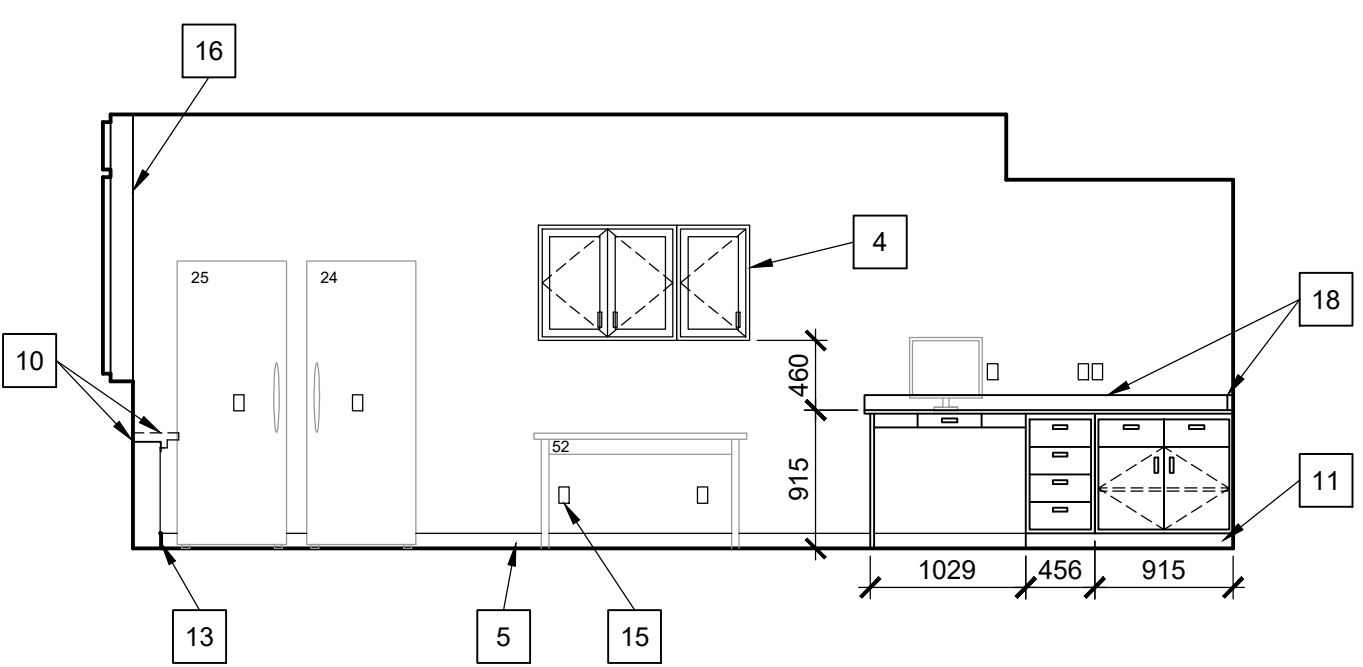
**1** EXTRACTION LAB - 3107 WEST ELEVATION  
SCALE 1:50



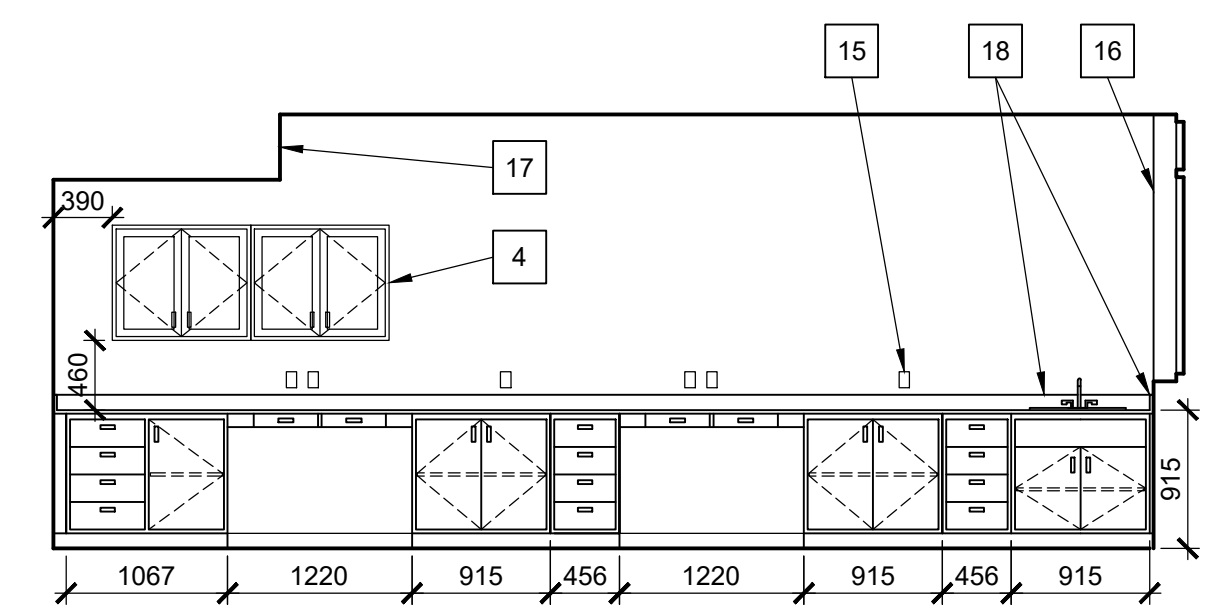
**2** EXTRACTION LAB - 3107 SOUTH ELEVATION  
SCALE 1:50



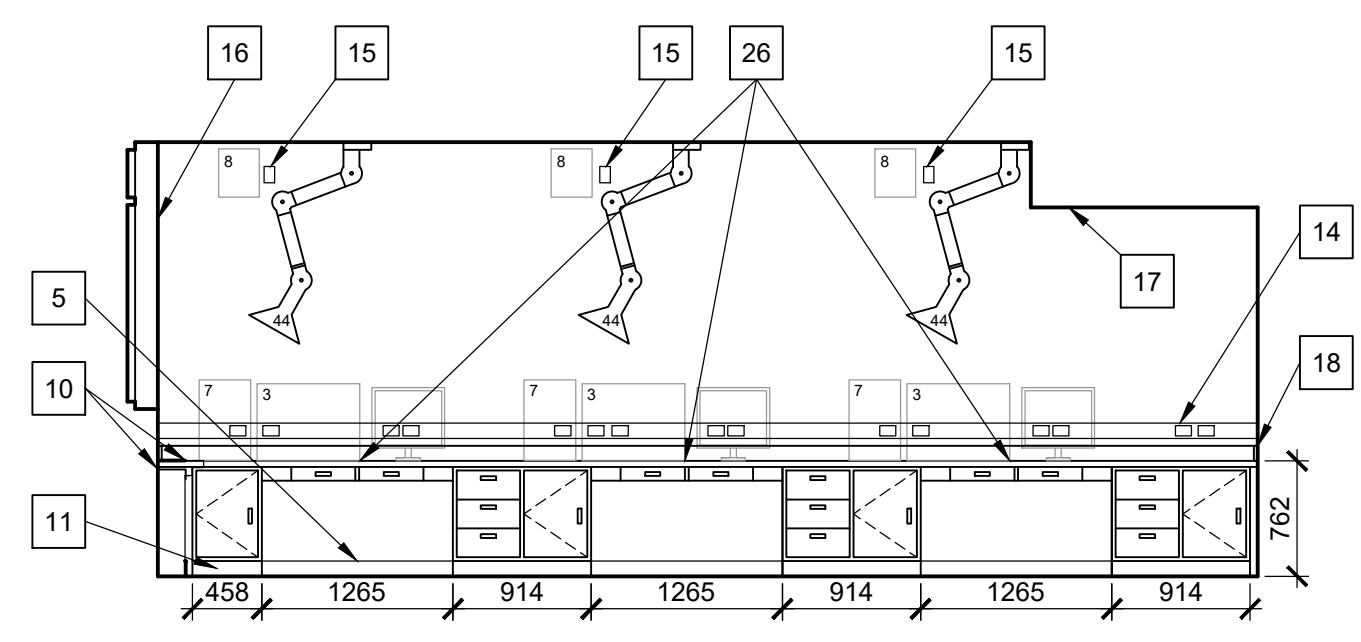
**3** EXTRACTION LAB - 3107 EAST ELEVATION  
SCALE 1:50



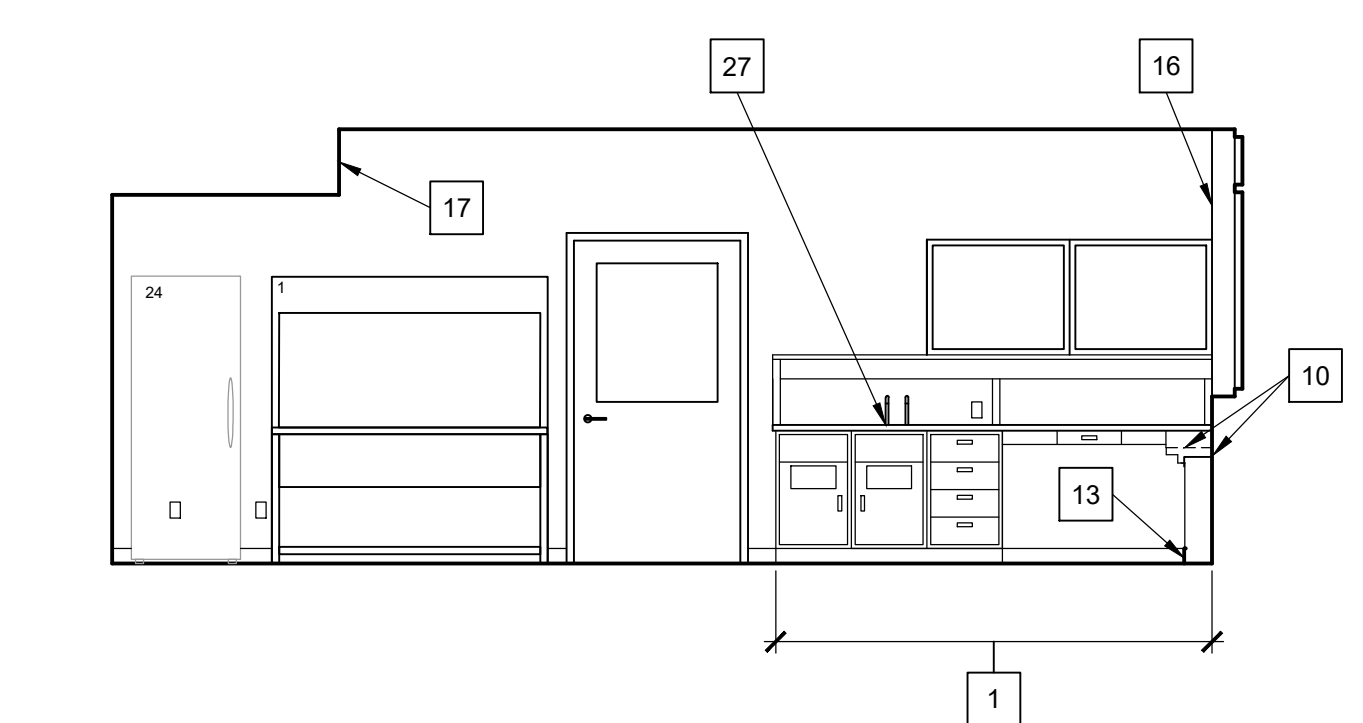
**4** STANDARD PREP - 3105 WEST ELEVATION  
SCALE 1:50



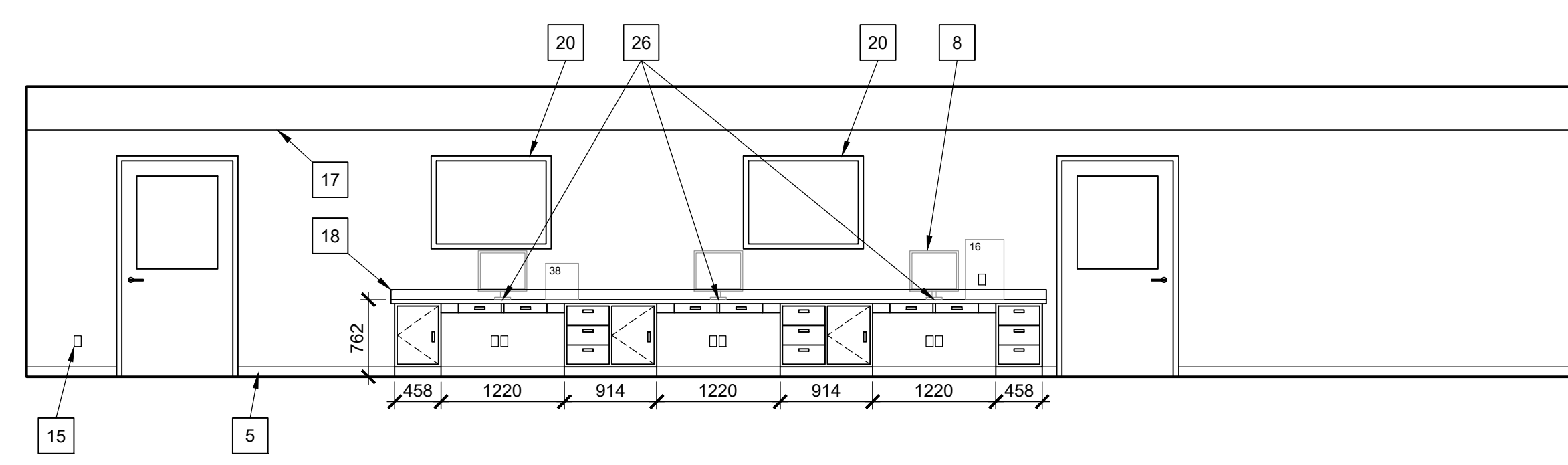
**5** STANDARD PREP - 3105 EAST ELEVATION  
SCALE 1:50



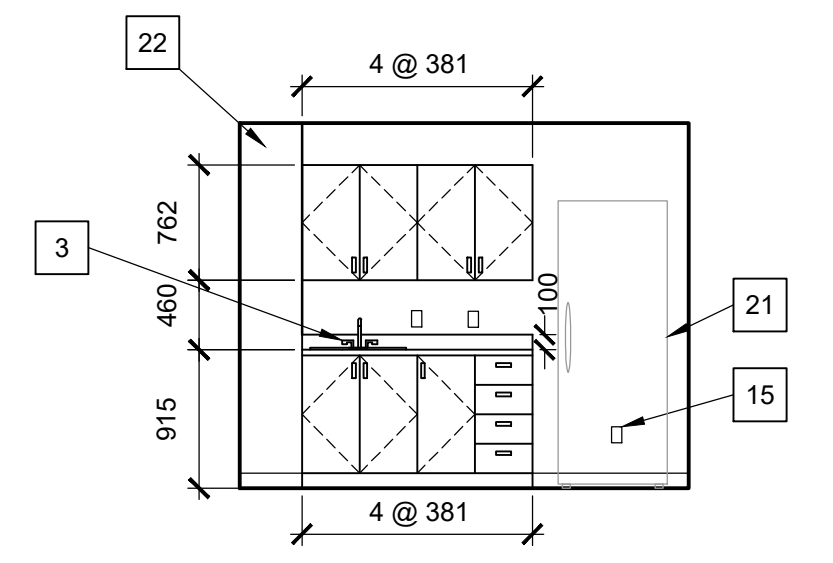
**6** ALCOHOL - 3104B WEST ELEVATION  
SCALE 1:50



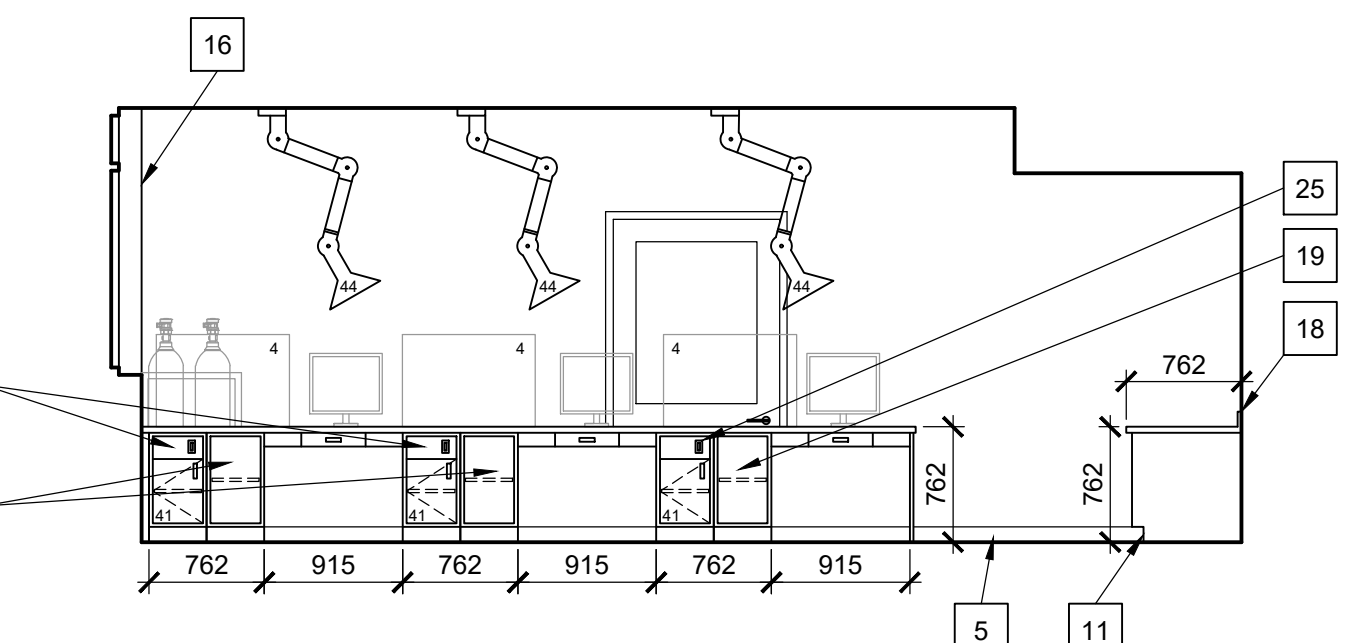
**7** ALCOHOL - 3104B EAST ELEVATION  
SCALE 1:50



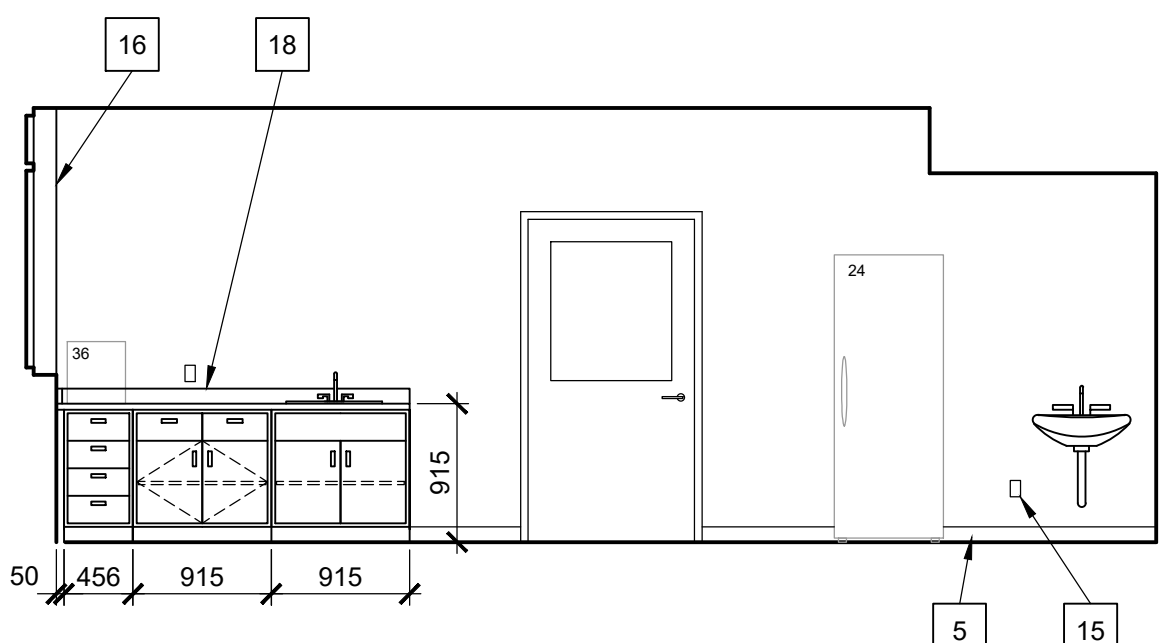
**8** MASS SPEC - 3104 NORTH ELEVATION  
SCALE 1:50



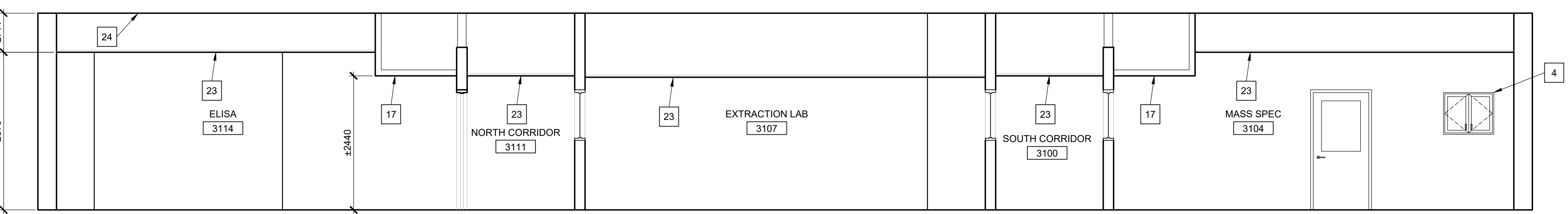
**11** KITCHEN NORTH ELEVATION  
SCALE 1:50



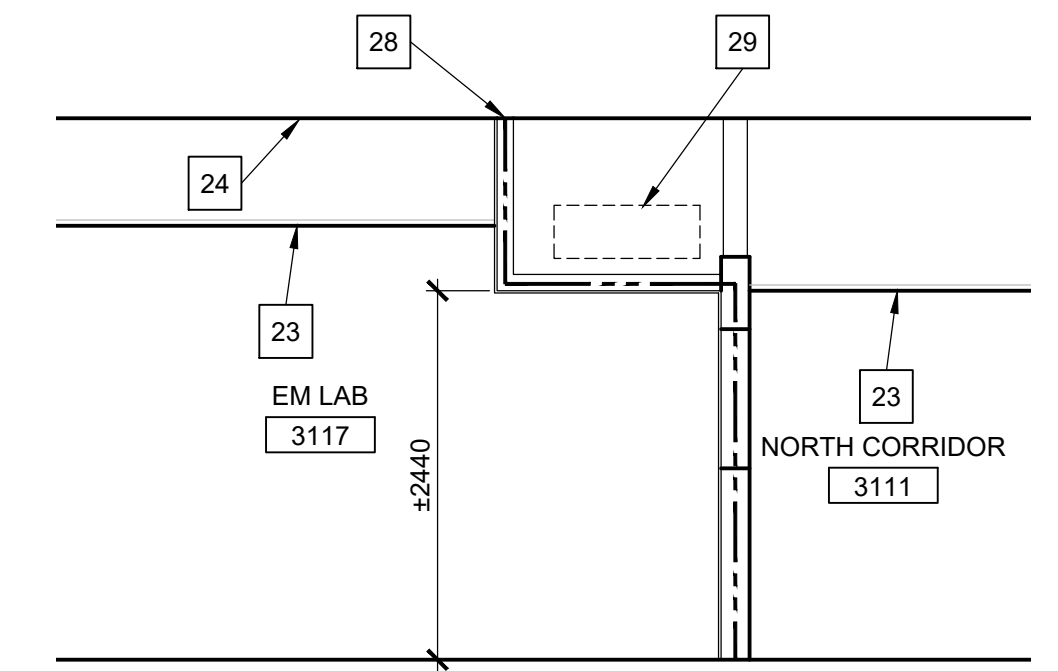
**9** MASS SPEC - 3104 WEST ELEVATION  
SCALE 1:50



**10** MASS SPEC - 3104 WEST ELEVATION  
SCALE 1:50



**12** TYPICAL CROSS SECTION  
SCALE 1:50



**13** FIRE SEPARATION - 3117 CROSS SECTION  
SCALE 1:50

revisions	description	date
3	ISSUED FOR TENDER	2019/01/07
2	ISSUED FOR TENDER REVIEW	2018/11/27
1	ISSUED FOR 99% REVIEW	2018/11/02

A	A detail no. no. du detail	A
B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C

project **DID LAB RENOVATIONS** project  
OTTAWA, ONTARIO

drawing **INTERIOR ELEVATIONS** dessin

Designed By	PK/RR	Conçu par	
Date	NOV 2017	(yyyy/mm/dd)	
Drawn By	RR/PM	Dessiné par	
Date	NOV 2017	(yyyy/mm/dd)	
Reviewed By	PK	Examiné par	
Date	NOV 2017	(yyyy/mm/dd)	
Approved By	PK	Approuvé par	
Date	NOV 2017	(yyyy/mm/dd)	
Tender		Soumission	
Project Manager	ANNE RICHARDS	Administrateur de projets	
Project no.		No. du projet	
			<b>PTS 4845</b>
Drawing no.		No. du dessin	
			<b>A202</b>





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
4	ISSUED FOR TENDER	2018/01/07
3	ISSUED FOR TENDER REVIEW	2018/11/27
2	ISSUED FOR 99% REVIEW	2018/11/02
1	ISSUED FOR 66% REVIEW	2018/10/12

A detail no. no. du détail  
B location drawing no. sur dessin no.  
C drawing no. dessin no.

project DID LAB RENOVATION  
OTTAWA, ONTARIO

drawing DETAILS

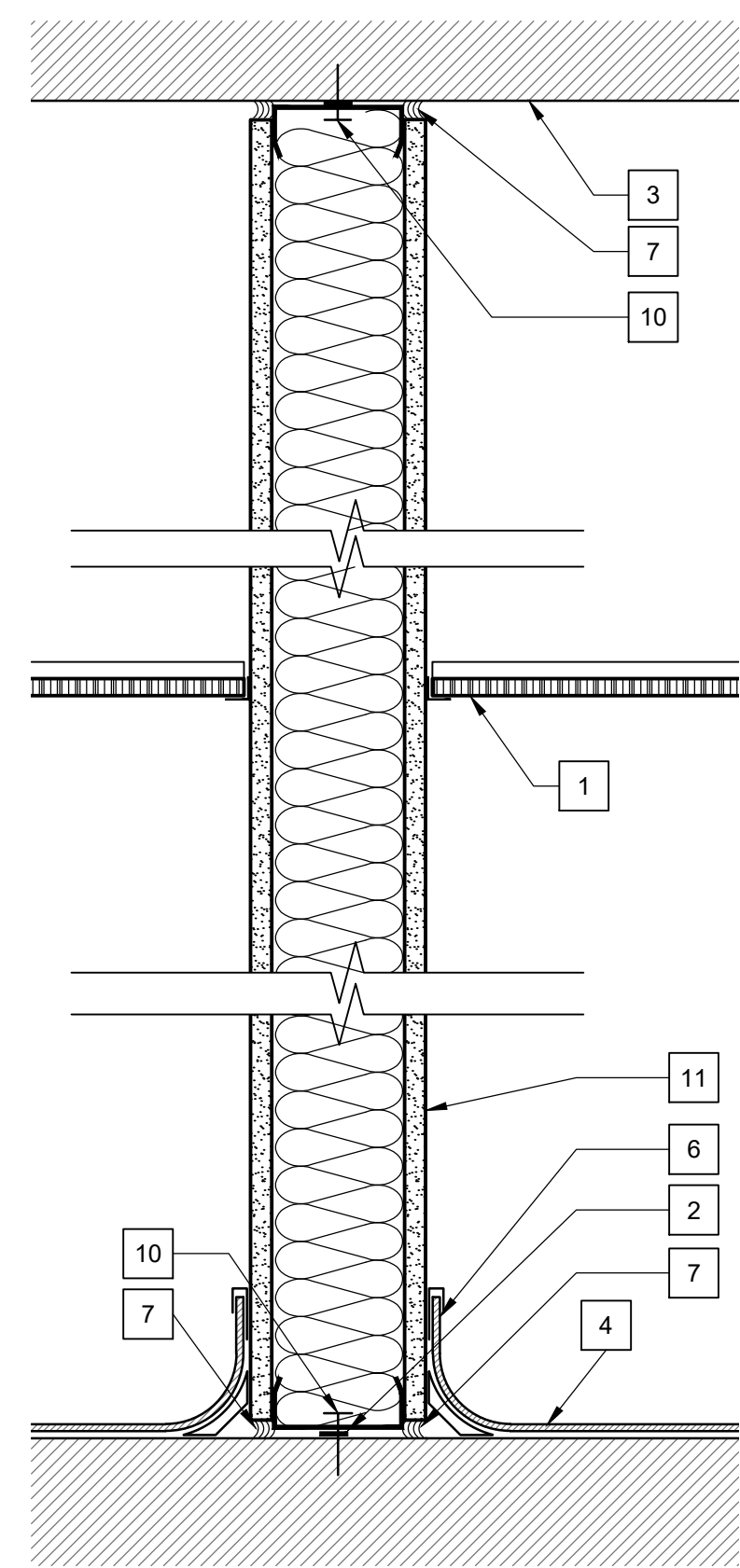
Designed By PK/RR Date OCT 2018	Conçu par (yyyy/mm/dd)
Drawn By RR/PM Date OCT 2018	Dessiné par (yyyy/mm/dd)
Reviewed By PK Date OCT 2018	Examiné par (yyyy/mm/dd)
Approved By PK Date OCT 2018	Approuvé par (yyyy/mm/dd)
Tender ANNA RICHARDS Project Manager	Soumission Administrateur de projets
Project no. PTS 4845	No. du projet
Drawing no. A501	No. du dessin

GENERAL NOTES, A501

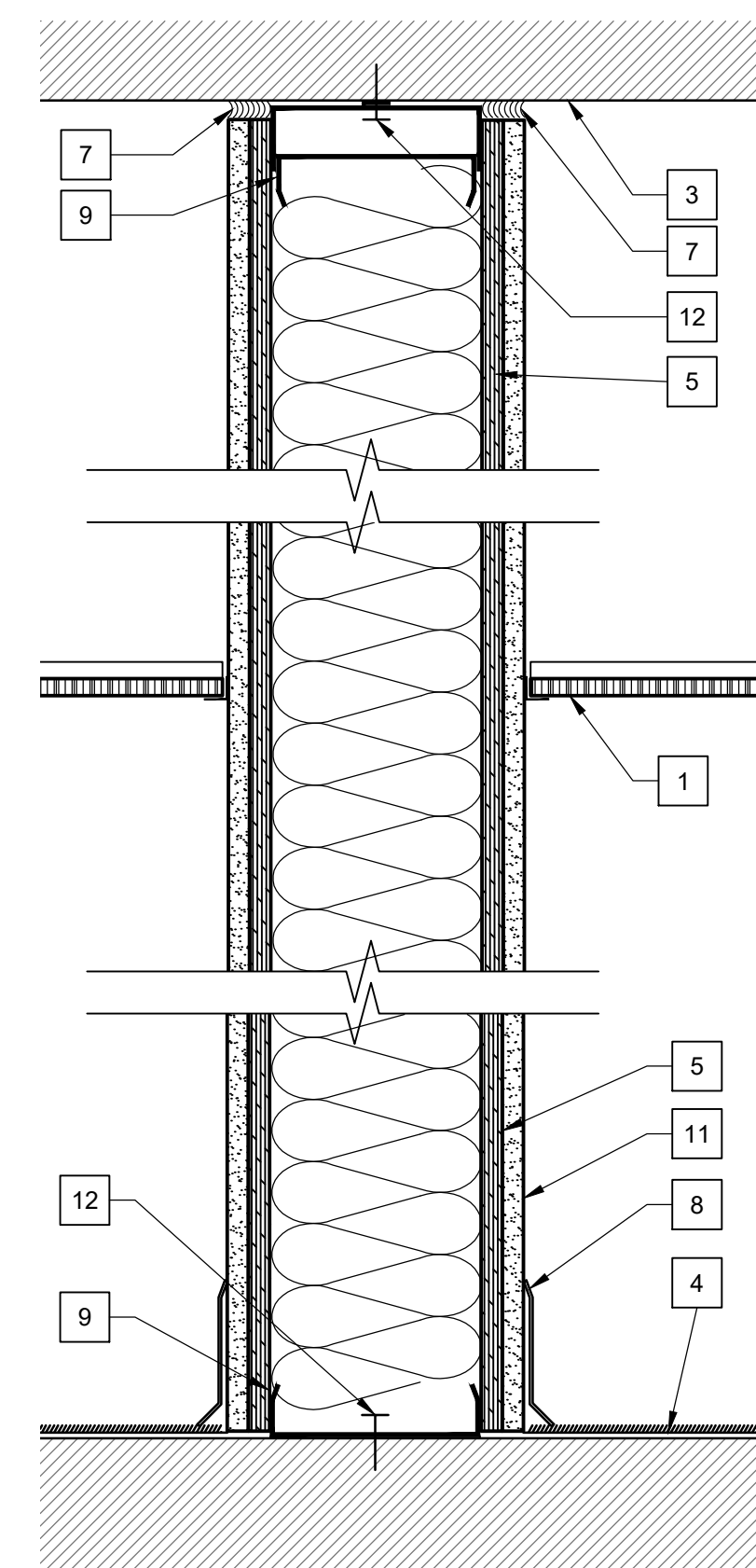
A. SITE VERIFY FLOOR TO CEILING HEIGHT

DRAWING NOTES, A501

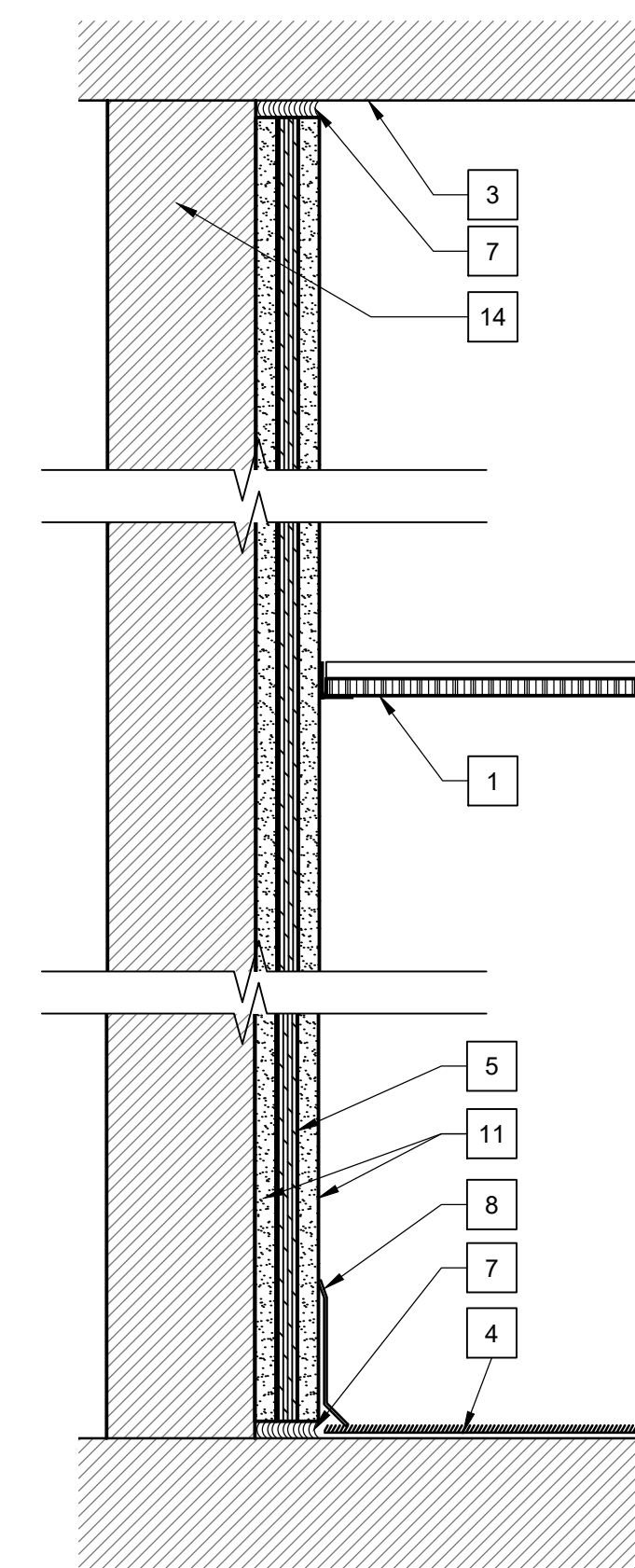
- LAY-IN ACOUSTICAL TILE CEILING SYSTEM. REFER TO REFLECTED CEILING PLAN.
- PROVIDE NOISE STOP FOAM SEAL CONTINUOUS UNDER BOTTOM TRACK. MINIMUM 12MM THICK & 19MM WIDE.
- EXISTING SLAB ABOVE TO REMAIN.
- FLOOR FINISH, REFER TO CONSTRUCTION / FINISH PLANS FOR TYPE AND LOCATION.
- 19MM PLYWOOD
- INTEGRAL COVE BASE. REFER TO CONSTRUCTION FINISH PLANS FOR TYPE AT INDIVIDUAL LOCATIONS.
- FIRE STOPPING AT ALL PERIMETER JUNCTIONS BETWEEN EXISTING SLAB AND PARTITION, AND AT ALL PENETRATIONS THROUGH SLAB-TO-SLAB PARTITION.
- BASE, REFER TO CONSTRUCTION FINISH PLANS FOR TYPE AT INDIVIDUAL LOCATIONS.
- WELD OR RIVET STUDS TO TRACK. SCREWS ARE NOT ACCEPTABLE.
- FASTEN TRACK TO SLAB WITH FASTENERS 600mm O.C. POWDER ACTUATED FASTENERS ARE NOT ACCEPTABLE.
- 16mm TYPE X GYPSUM BOARD
- FASTEN TRACK TO SLAB WITH EXPANDING MECHANICAL FASTENERS @ 300mm O.C.
- DEFLECTION TRACK.
- EXISTING PARTITION ASSEMBLY TO REMAIN.



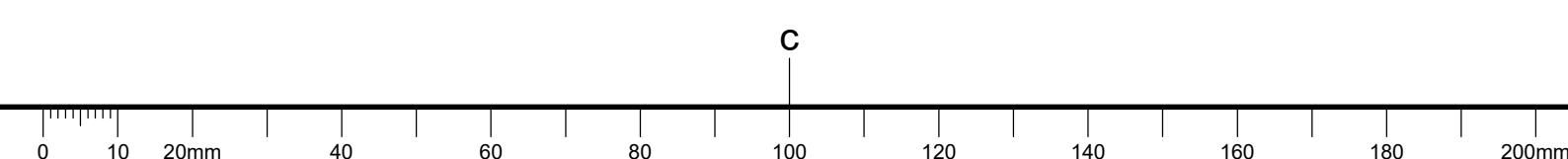
1 SECTION DETAIL - TYPICAL PARTITION TYPE P2 & P3  
SCALE 1:5



2 SECTION DETAIL - TYPICAL PARTITION TYPE P5  
SCALE 1:5



3 SECTION DETAIL - TYPICAL PARTITION TYPE P4  
SCALE 1:5







**PETER J. KINDREE ARCHITECT**

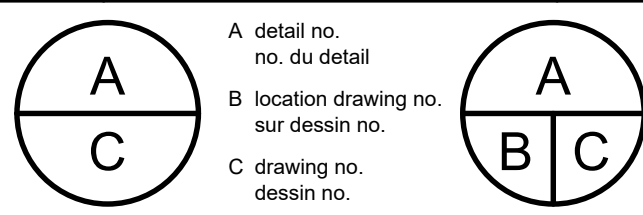
79 Hinton Avenue N.  
Ottawa K1Y 0Z7 (613) 860-1530



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

Contractor to verify all dimensions and conditions on site and immediately notify the departmental representative of all discrepancies.

revisions	description	date
4	ISSUED FOR TENDER	2019/01/07
3	ISSUED FOR TENDER REVIEW	2018/11/27
2	ISSUED FOR 99% REVIEW	2018/11/02
1	ISSUED FOR 66% REVIEW	2018/10/12



project **DID LAB RENOVATION** project  
OTTAWA, ONTARIO

drawing **DOOR ELEVATIONS AND SCHEDULE** dessin

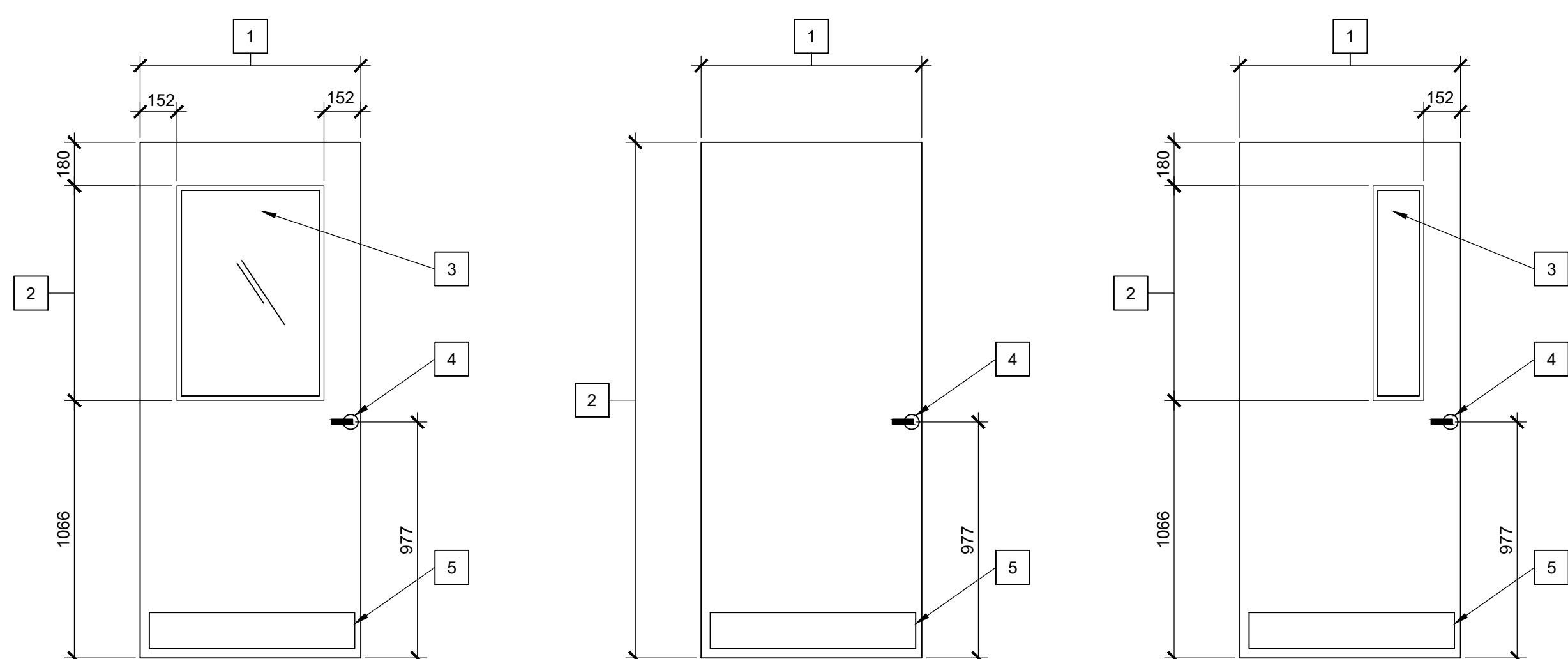
Designed By Date	PK/RR OCT 2018	Conçu par (yyyy/mm/dd)
Drawn By Date	RR/PM OCT 2018	Dessiné par (yyyy/mm/dd)
Reviewed By Date	PK OCT 2018	Examiné par (yyyy/mm/dd)
Approved By Date	PK OCT 2018	Approuvé par (yyyy/mm/dd)
Tender	ANNA RICHARDS	Soumission
Project Manager	ANNA RICHARDS	Administrateur de projets
Project no.	PTS 4845	No. du projet
Drawing no.	A601	No. du dessin

**GENERAL NOTES, A601**

- A. ALL EXISTING DOOR HARDWARE NOT USED TO BE REMOVED AND TURNED OVER TO DEPARTMENTAL REPRESENTATIVE.
- B. CONTRACTOR TO REVIEW EXISTING DOOR HARDWARE TO ASCERTAIN IF IT WILL MEET REQUIREMENTS AS PER SPECIFICATIONS. PROVIDE NEW DOOR HARDWARE WHERE EXISTING DOES NOT MEET REQUIREMENTS. MATCH EXISTING.

**DRAWING NOTES, A601**

- 1. DOOR WIDTH, REFER TO DOOR SCHEDULE.
- 2. DIMENSION VARIES, REFER TO DOOR SCHEDULE.
- 3. GLAZING, REFER TO SPECIFICATIONS.
- 4. DOOR HARDWARE, REFER TO SPECIFICATIONS.
- 5. KICKPLATE, REFER TO SPECIFICATIONS.
- 6. FRAME, REFER TO DOOR SCHEDULE FOR DIMENSIONS AND MATERIAL.

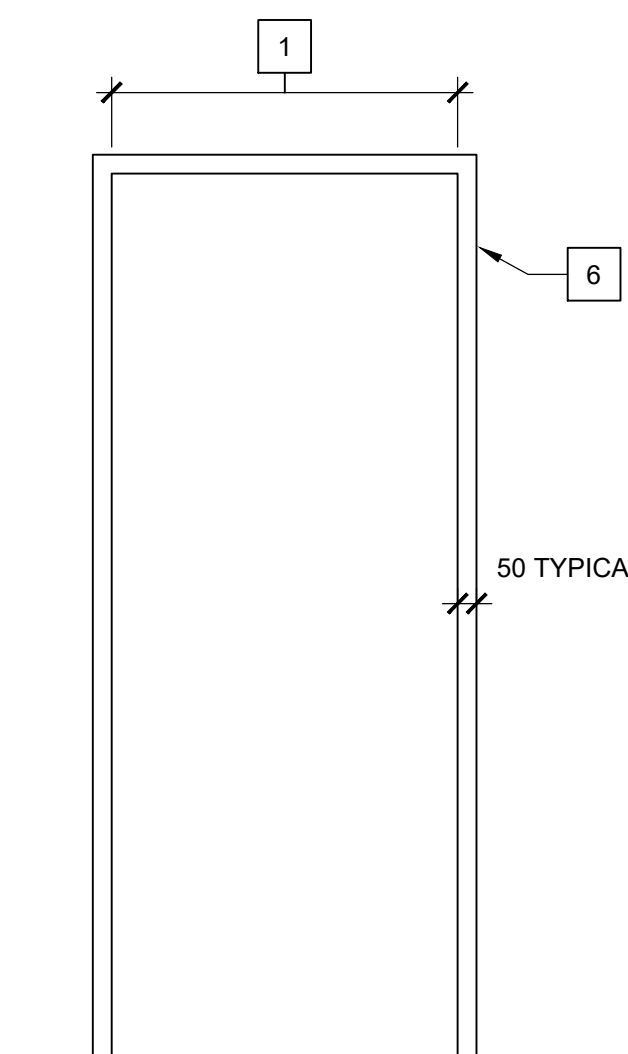


**DOOR TYPE A  
HALF LIGHT**

**DOOR TYPE B  
FLUSH SLAB**

**DOOR TYPE C  
NARROW LIGHT**

**1 ELEVATIONS  
DOORS**  
SCALE 1:20



**2 FRAME TYPE 1  
ELEVATIONS  
DOOR FRAMES**  
SCALE 1:20

DOOR NO.	FROM	TO	DOOR				FRAME			HAND	FIRE RATING (HR)	REMARKS		
			TYPE	WIDTH	HEIGHT	THICK	MATERIAL	FINISH	TYPE				MATERIAL	FINISH
D3112.1	3111	3112	EXISTING DOOR TO REMAIN				COOLER	SS	EXISTING TO REMAIN	SS	RHR	TYPE "D3" SECURITY DOOR - NON-STANDARD		
D3113.1	3111	3113	A	EXISTING TO REMAIN			FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	RH			
D3114.1	3111	3114	A	EXISTING TO REMAIN			FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LH			
D3115.1	3111	3115	B	900	2135	44	FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	RH	COMPATIBLE W/ STC 46 PARTITION		
D3116.1	3111	3116	C	EXISTING TO REMAIN			FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LH			
D3116.2	3117	3116	C	965	2135	44	HM	PAINT	1	HM	PAINT	RH	0.75HR	
D3117.1	3111	3117	A	1100	2135	44	HM	PAINT	1	HM	PAINT	LH	0.75HR	
D3111.1	EXT.	3111	B	965	2135	44	HM	PAINT	1	HM	PAINT	RHR	0.75HR	TYPE "B" SECURITY DOOR
D3110.1	3110	STAIR	EXISTING DOOR TO REMAIN				HM	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LH	0.75HR	TYPE "E2" SECURITY DOOR	
D3109.1	3111	3109	B	600	2135	44	HM	PAINT	1	HM	PAINT	RH	0.75HR	TYPE "B" SECURITY DOOR
D3109.2	3100	3109	B	600	2135	44	HM	PAINT	1	HM	PAINT	LHR	0.75HR	TYPE "B" SECURITY DOOR
D3121.1	3100	3121	EXISTING DOOR TO REMAIN				FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LHR/RHR			
3108.1	3111	3108	A	1100	2135	44	FW	PAINT	1	HM	PAINT	RH		
3108.2	3111	3108	A	1100	2135	44	FW	PAINT	1	HM	PAINT	LH		
3107.1	3111	3107	A	1130	2135	44	FW	PAINT	1	HM	PAINT	LH		
3107.2	3100	3107	A	1130	2135	44	FW	PAINT	1	HM	PAINT	RH		
3105.1	3100	3105	A	EXISTING TO REMAIN			FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LHR			
3104B.1	3104	3104B	A	EXISTING TO REMAIN			FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LHR			
3104.1	3100	3104	A	EXISTING TO REMAIN			FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LH			
3104.2	3100	3104	A	EXISTING TO REMAIN			FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	RH			

DOOR NO.	FROM	TO	DOOR				FRAME			HAND	FIRE RATING (HR)	REMARKS		
			TYPE	WIDTH	HEIGHT	THICK	MATERIAL	FINISH	TYPE				MATERIAL	FINISH
D3104A.1	3104	3104A	A	965	2135	44	FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LHR			
D3103.1	3100	3103	B	965	2135	44	FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	RH	COMPATIBLE W/ STC 46 PARTITION		
D3102.1	3100	3102	A	965	2135	44	FW	PAINT	1	HM	PAINT	LH		
D3101A.1	3101	3101A	A	965	2135	44	FW	PAINT	1	HM	PAINT	RH		
D3100.1	3100	ELEV.		1930	2135	44	FW	PAINT		HM	PAINT	LHR/RH	0.75 HR	TYPE "EE2" SECURITY DOOR
D3100.3	3100	SHAFT	EXISTING TO REMAIN				FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	RHR		TYPE "B" SECURITY DOOR	
D3118.1	3100	3118	A	EXISTING TO REMAIN			FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	RH		PROVIDE HOLD OPEN	
D3119.1	3100	3119	A	EXISTING TO REMAIN			FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	RH			
D3120.1	3100	3120	A	EXISTING TO REMAIN			FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LH			
D3120.2	3120	3120A	A	965	2135	45	HM	PAINT	1	HM	PAINT	LH		TYPE "D" SECURITY DOOR
D3100.2	3100	EXT.	A	965	2135	44	FW	PAINT	1	HM	PAINT	RH	0.75 HR	TYPE "E" SECURITY DOOR
D3101.2	3100	3101		1100					EXISTING HM FRAME TO REMAIN	PAINT	N/A		REMOVE EXISTING DOOR	
D3101.3	3100	3101		1120					EXISTING HM FRAME TO REMAIN	PAINT	N/A		REMOVE EXISTING DOOR	
D1104.1	1120	1104	EXISTING DOOR TO REMAIN				FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LH			
D1106.1	1120	1106	EXISTING DOOR TO REMAIN				FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LH			
D1110.1	1120	1110	EXISTING DOOR TO REMAIN				FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	RH			
D1138.1	1120	1138	EXISTING DOOR TO REMAIN				FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	RH			
D1140.1	1120	1140	EXISTING DOOR TO REMAIN				FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LH			
D1112.1	1120	1112	EXISTING DOOR TO REMAIN				FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LHR		TYPE "D" SECURITY DOOR	
D1160.1	1120	1160	EXISTING DOOR TO REMAIN				FW	PAINT	EXISTING HM FRAME TO REMAIN	PAINT	LH			

ABBREVIATIONS:  
HM - HOLLOW METAL  
FW - FLUSH WOOD  
ALUM - ALUMINUM  
RH - RIGHT HAND  
RHR - RIGHT HAND RETURN  
LH - LEFT HAND  
LHL - LEFT HAND RETURN

**3 DOOR SCHEDULE**  
SCALE N/A

