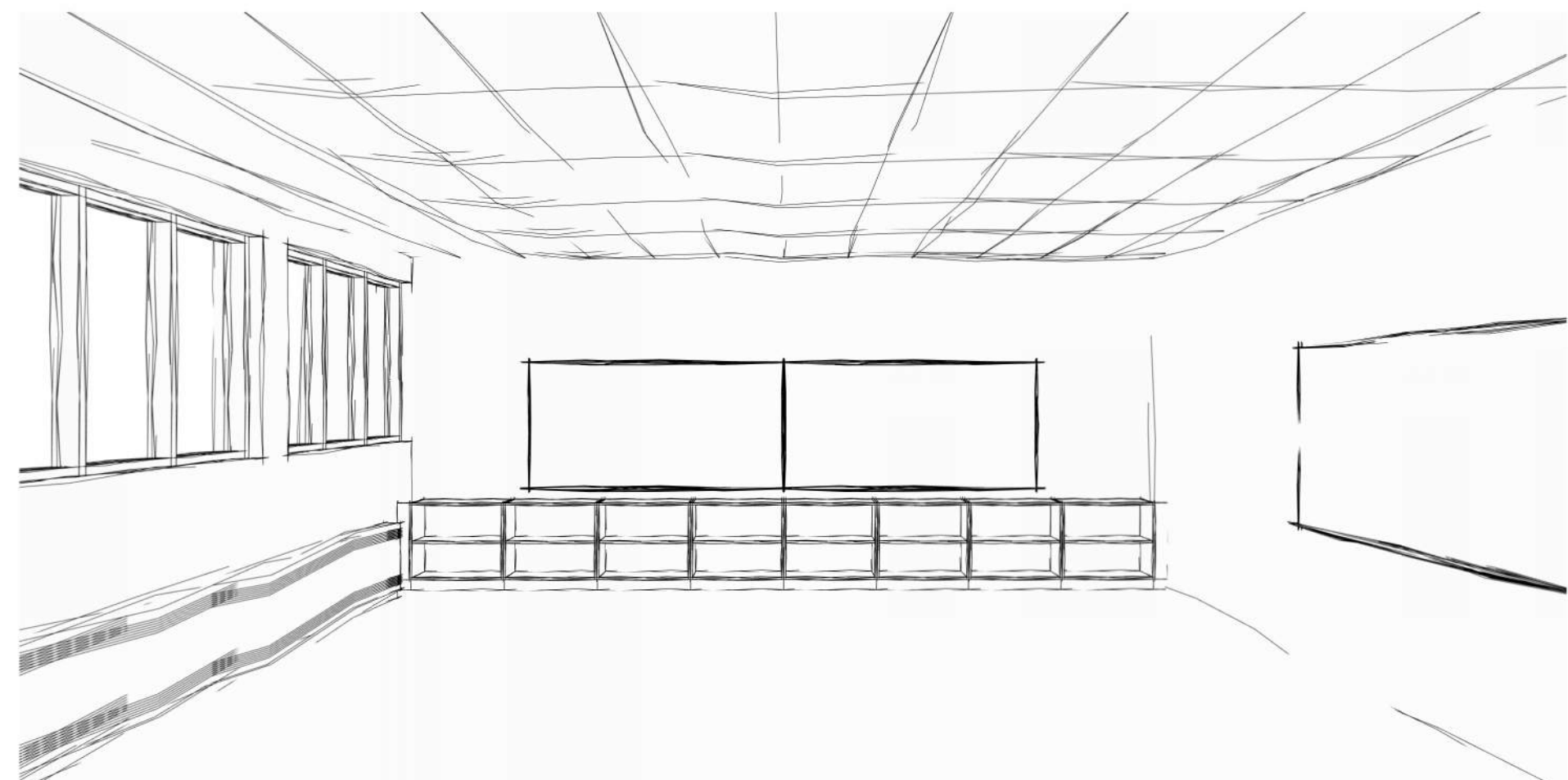




SECRETARY'S OFFICE



STAFF LOUNGE



TYPICAL CLASSROOM



TYPICAL CLASSROOM



DRAWING LIST

SHEET	ARCHITECTURAL DRAWINGS
A0.01	COVER PAGE
A1.01	GENERAL NOTES, LEGENDS, PARTITION SCHEDULE & SPECIFICATIONS
A1.02	KEYPLANS
A1.03	DEMOLITION PLANS
A1.04	PARTIAL GROUND FLOOR PLAN & DOOR REPLACEMENT PLANS & ROOM FINISH SCHEDULE
A1.05	ENLARGED SECOND FLOOR & OFFICE PLAN
A2.01	INTERIOR ELEVATIONS
A2.02	INTERIOR ELEVATIONS
A3.01	MILLWORK SECTIONS & DETAILS
A3.02	MILLWORK SECTIONS & DETAILS
A4.01	SCHEDULES, DOOR & DOOR FRAME TYPE

ELECTRICAL DRAWINGS

E000	GENERAL NOTES, DRAWING LIST, LEGEND, AND FIXTURE SCHEDULE
E050	ELECTRICAL SPECIFICATIONS
E100	SITE PLAN
E200	DOORS D001 & D002 PROPOSED PLANS
E201	DOORS D003 & D004 PROPOSED PLANS



INTERIOR RENOVATIONS & EXTERIOR DOOR REPLACEMENTS

ÈÈC NOTRE DAME

400 CUMBERLAND AVE,
HAMILTON, ON L8M 2A2

project number

25-01

DRAWING NO.

A0.01



SITE LOCATION
SCALE: N.T.S.

SYMBOL LEGEND

- 0 STRUCTURAL GRID
- ELEVATION NAME ELEVATION REFERENCE
- 1 A01 SECTION REFERENCE
- 1 A100 DETAIL REFERENCE
- 1 A100 3 4 EXTERIOR ELEVATION REFERENCE
- 1-B 1-A A100 1-C 1-D INTERIOR ELEVATION REFERENCE
- EL SPOT ELEVATION
- ? DEMOLITION / CONSTRUCTION TAG
- ROOM NAME ROOM TAG
- 101
- 123-A DOOR TAG
- W1 WALL TAG
- C1 CEILING TAG
- XXX
- W1 WINDOW / SCREEN TAG
- 11 FLOOR TAG
- R1 ROOF TAG
- # REVISION TAG

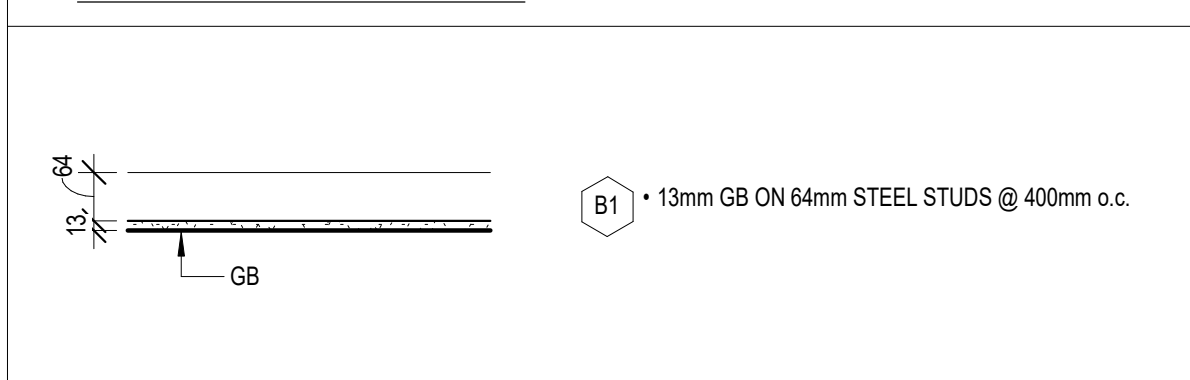
ABBREVIATION LEGEND

- STANDARDS**
- A.F.F. ABOVE FINISHED FLOOR
 - AW COMPLETE WITH
 - DN DOWN
 - DM DIMENSION
 - EL ELEVATION
 - EX EXISTING
 - EXP EXPOSED
 - FN FINISHED
 - FTG FOOTING
 - G.C. GENERAL CONTRACTOR
 - GL GRID LINE
 - G.R. GUARDRAIL
 - HR HANDRAIL
 - H.D.G. HOT DIPPED GALVANIZED
 - MTD MOUNTED
 - N.I.C. NOT IN CONTRACT
 - N.T.S. NOT TO SCALE
 - SM SIMILAR
 - STRU STRUCTURE
 - T/ TOP OF
 - TYP. TYPICAL
 - us UNDERSIDE
- MATERIAL**
- ACT ACOUSTICAL CEILING TILE
 - CAR CARPET
 - CMU CONCRETE MASONRY UNIT
 - CONC CONCRETE
 - GB GYPSUM BOARD
 - GW GEORGIAN WIRE
 - HM HOLLOW METAL
 - IQU INSULATED GLAZING UNIT
 - INT INTEGRAL
 - PLAM PLASTIC LAMINATE
 - PT PAINT
 - RB RUBBER BASE
 - SC SOLID CORE
 - SHT SHEET
 - SOL SOLID SURFACE
 - S.S. STAINLESS STEEL
 - ST STAIN
 - TG TEMPERED GLASS
 - VCT VINYL COMPOSITE TILE
 - FP FILLER PANEL
- EQUIPMENT**
- ADO AUTOMATIC DOOR OPERATOR
 - CR CARD READER
 - INT INTERCOM
 - FR FRIDGE
 - RH RANGE HOOD
 - S STOVE
 - MW MICROWAVE

DRAWING LEGEND

- EXISTING
- AREA OF WORK
- EXISTING WALL TO REMAIN
- EXISTING TO BE DEMOLISHED
- DOORS TO BE DEMOLISHED

PARTITION SCHEDULE



GENERAL NOTES & SPECIFICATIONS

THE PROJECT SCOPE INCLUDES PARTIAL INTERIOR RENOVATION OF THE EXISTING SCHOOL AT 400 CUMBERLAND AVE, HAMILTON, ON AS REQUIRED TO REPLACE EXISTING MILLWORK, EXISTING FLOORING IN THE CLASSROOMS; EXISTING EXTERIOR DOORS AND PAINT SELECT ROOMS IN SCOPE.

THE CONTRACTOR SHALL NOTE THAT THE APPROX. AREA OF WORK IS 11,939 SQFT. THE CONTRACTOR SHALL REFER TO ALL DRAWINGS & SPECIFICATIONS INCLUDING, ELECTRICAL & THE GENERAL NOTES FOR THE FULL SCOPE OF WORK.

THE GENERAL CONTRACTOR TO REVIEW TENDER DOCUMENTS FOR CASH ALLOWANCE.

THE GENERAL CONTRACTOR SHALL MAINTAIN AT ALL TIMES DURING CONSTRUCTION A MINIMUM OF TWO PATHS OF EXIT, AND SHALL CONDUCT CONSTRUCTION IN A MANNER SUCH THAT THERE ARE MINIMAL TO NO DISTURBANCE TO THE DAY-TO-DAY OPERATION OF THE SCHOOL.

ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITION OF THE LOCAL, PROVINCIAL AND FEDERAL CONSTRUCTION AND BUILDING CODES, THE NATIONAL FIRE CODE, THE OCCUPATIONAL HEALTH AND SAFETY ACT, AND ANY OTHER AUTHORITIES HAVING JURISDICTION.

THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL THE REQUIREMENTS WITH RESPECT TO CONSTRUCTION PROCEDURES, INSURANCE, SECURITY, BUILDING ACCESS, LIFE SAFETY & FIRE REGULATIONS, SECURITY CLEARANCES OF EMPLOYEES, HOISTING, GARBAGE REMOVAL, ETC., AS SET OUT BY THE LANDLORD AND/OR PROJECT MANAGER AND INSTRUCTIONS TO BIDDERS.

THE CONTRACTOR SHALL READ THE DRAWINGS PROVIDED IN CONJUNCTION WITH SPECIFICATIONS & INSTRUCTIONS ON THE BID DOCUMENTS. ANY DISCREPANCIES OR OMISSIONS ON ANY DRAWINGS OR SPECIFICATIONS ARE TO BE REPORTED TO THE CONSULTANT PRIOR TO COMMENCEMENT OF WORK.

THE GENERAL CONTRACTOR MUST FAMILIARIZE HIMSELF WITH EXISTING SITE CONDITIONS DURING DESIGNATED SITE VISIT DATE OR OTHERWISE OBTAIN INFORMATION REQUIRED TO SUBMIT A FIRM QUOTATION. CONTRACTORS WILL NOT BE ALLOWED TO VISIT THE SITE PRIOR TO OR AFTER THE DESIGNATED SITE VISIT DATE.

ALL DIMENSIONS ARE CLEAR UNLESS OTHERWISE NOTED, CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION AND REPORT DISCREPANCIES TO CONSULTANT PRIOR TO MAKING MODIFICATIONS TO SUIT EXISTING SITE CONDITIONS.

ALL MATERIALS SPECIFIED ARE TO BE INSTALLED, FINISHED & SEALED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS & SPECIFICATIONS.

ALL MATERIALS SHALL BE AS SPECIFIED, CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM ARCHITECT FOR ANY MATERIAL OR FINISH SUBSTITUTES OR ALTERNATIVES.

ALL MATERIALS AS SUPPLIED AND INSTALLED IN THIS PROJECT MUST MEET THE SMOKE/FLAME SPREAD RATING AS SPECIFIED IN THE BUILDING CODE.

THE CONTRACTOR SHALL ENSURE ALL AREAS INCLUDING SUPPLY AIR DIFFUSERS & EXHAUST AIR GRILLES ARE SEALED AGAINST DUST & SECURED WITH SAFETY WALLS/SHOARDING DURING DEMOLITION AND CONSTRUCTION. DAMAGES TO EXISTING MATERIALS, WINDOWS, FURNISHINGS, EQUIPMENT, BASE BUILDING FINISHES WITHIN AND OUTSIDE THE 'AREA OF WORK' WILL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR TO REPLACE WITHOUT ADDITIONAL COSTS.

THE 'AREA OF WORK' IS DEFINED AS THE IMMEDIATE AREAS WHERE DEMOLITION AND NEW CONSTRUCTION OCCURS BUT MAY NOT BE COMPLETELY LIMITED TO THE AREA DEFINED WITHIN.

THE CONTRACTOR IS RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF ANY MATERIALS NOT SPECIFICALLY INDICATED BUT REASONABLY IMPLIED AND NECESSARY FOR COMPLETION OF WORK WITH NO ADDITIONAL COSTS UNDER HIS OR HER CONTRACT.

THE CONTRACTOR SHALL PATCH AND REPAIR AND/OR SKIM COAT AT DAMAGES, PUNCTURES, AND OTHER IRREGULARITIES ON EXISTING WALLS, FLOORS, CEILINGS, WHERE DAMAGES ARE EXISTING OR CAUSED BY DEMOLITION. THE CONTRACTOR SHALL ENSURE A SMOOTH AND EVEN SURFACE TO THE SATISFACTION OF THE ARCHITECT, IN PREPARATION FOR NEW FINISH APPLICATIONS AS SPECIFIED.

THE CONTRACTOR IS TO COORDINATE ANY WATER/ELECTRICITY SHUTOFF WITH THE OWNER AT LEAST 48 HOURS IN ADVANCE TO WORK COMMENCING.

IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN ALL SHORING AND TEMPORARY BRACING AS PER O. REG 213/91 AND THE CONTRACTOR SHALL RETAIN AN ENGINEER AS REQUIRED. ANY NEW OPENINGS WITHIN THE EXISTING BLOCK WALLS WILL REQUIRE TEMPORARY SHORING.

ARCHITECTURAL SCOPE & SPECIFICATIONS

DEMOLITION

THE DEMOLITION SCOPE INCLUDES REMOVAL OF EXISTING FLOORING, DOORS CW/ DOOR FRAMES AND MILLWORK AS NOTED ON THE DRAWINGS. SALVAGE AND REINSTALL ALL EXISTING WALL MTD. ACCESSORIES. REPAIR AND RESTORE ALL SURFACES AFFECTED.

PROTECT INTEGRITY OF EXISTING ELECTRICAL AND MECHANICAL SERVICES TO REMAIN. WHERE NEW MILLWORK IS BEING INSTALLED ENSURE EXISTING SERVICES ARE INTEGRATED INTO THE NEW MILLWORK.

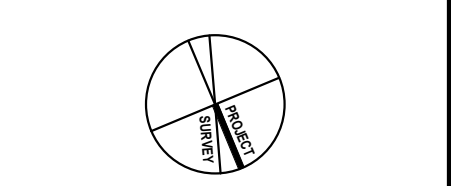
REMOVE AND REINSTATE ANY EXISTING ACCESSORIES, ELECTRICAL/MECHANICAL COMPONENTS TO REMAIN AS REQUIRED.

CONSTRUCTION

THE NEW PROJECT SCOPE INCLUDES REPLACEMENT OF EXISTING FLOORING, CLASSROOM BOARDS, MILLWORK AND REPLACEMENT OF SELECT EXISTING DOORS AND DOOR JAMBS WITH NEW DOORS AND INSTALLATION OF POWER DOOR OPERATOR AT THE MAIN ENTRANCE. THE GENERAL CONTRACTOR SHALL FIELD-VERIFY THE LOCATION OF EXISTING PLUMBING AND ELECTRICAL FIXTURES AND REINSTALL THEM IN THE SAME LOCATIONS UNLESS NOTED OTHERWISE.

PLUMBING SPECIFICATIONS		
SYM	DESCRIPTION	LOCATION
L1	STEEL QUEEN UNDERMOUNT SINK QSU1922-8 & CHICAGO FAUCET MANUAL SINK FAUCET 430-ABCP c/w ACCESSORIES	STAFF ROOM
L2	BROOKEMORE UNDERMOUNT SINK BC11838R-9 & CHICAGO FAUCETS MANUAL SINK FAUCET 434-ABCP c/w ACCESSORIES	SERVERY
L3	STEEL QUEEN UNDERMOUNT SINK QSU1917-8 CHICAGO FAUCETS MANUAL SINK FAUCETS 430-ABCP c/w ACCESSORIES	IT ROOM
x3 DRAIN AND x3 P-TRAP	OS&B 19 HOLES GRID p.p BODY ASSEMBLY 17 GAUGE TAILPIECE DRAIN, ZURN SEMI-CAST P-TRAPS WITH WALL BEND PRODUCT NUMBER ZB700-PC CHROME-PLATED CAST BRASS (COPPER ALLOY) BODY P-TRAP WITH CLEANOUT	
THERMOSTATIC MIXING VALVE	THERMOSTATIC MIXING VALVE - HAWS MODEL NO. 9201H EQUIVALENT	
NOTES: PROVIDE ALL PLUMBING FIXTURES AS SPECIFIED AND PARTS REQUIRED TO CONNECT TO THE EXISTING PLUMBING SERVICES.		

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25/03/10	DATE



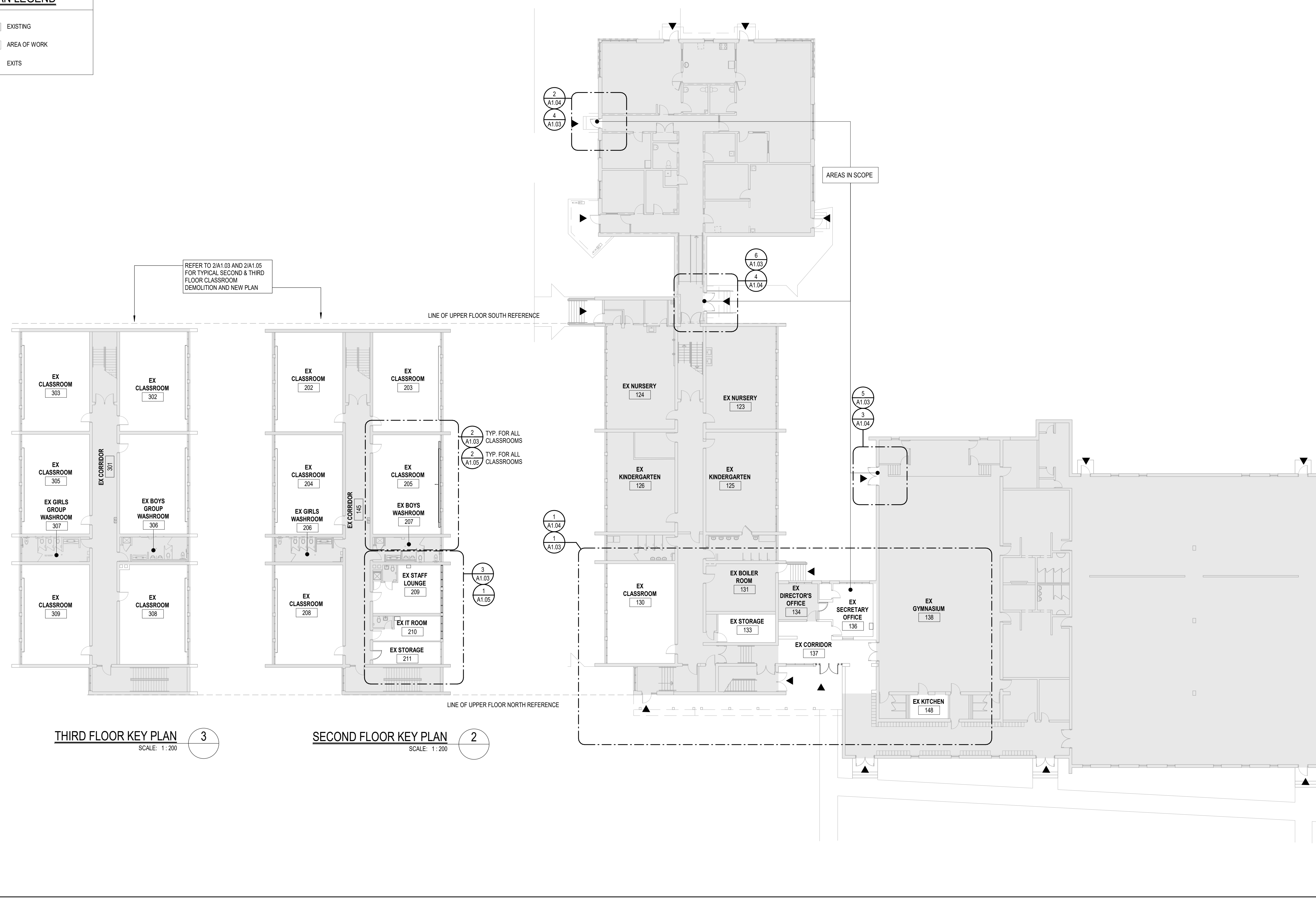
Project title:
INTERIOR RENOVATIONS & EXTERIOR DOOR REPLACEMENTS
ÉC NOTRE DAME
400 CUMBERLAND AVE, HAMILTON, ON L8M 2A2

Drawing title:
GENERAL NOTES, LEGENDS, PARTITION SCHEDULE & SPECIFICATIONS

Drawn: RMC	Scale: As indicated
Date: 01/2025	Project number: 25-01
Checked: AJ	Drawing No: A1.01
Date: 01/2025	Revision: 0

KEYPLAN LEGEND

- EXISTING
- AREA OF WORK
- EXITS



THIRD FLOOR KEY PLAN 3
SCALE: 1:200

SECOND FLOOR KEY PLAN 2
SCALE: 1:200

GROUND FLOOR KEY PLAN 1
SCALE: 1:200

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Project title:
INTERIOR RENOVATIONS & EXTERIOR DOOR REPLACEMENTS
ÉCÉ NOTRE DAME
400 CUMBERLAND AVE.
HAMILTON, ON L8M 2A2
Drawing title:
KEYPLANS

Drawn: RMC	Scale: As indicated
Date: 02/20/25	Project number: 25-01
Checked: AJ	Drawing No.:
Date: 01/2025	A1.02
	0

DEMOLITION PLAN NOTES

GRIND SMOOTH ANY RESIDUE FROM EXISTING MILLWORK, COUNTERTOPS AND BACKSPLASH TO BE REMOVED.

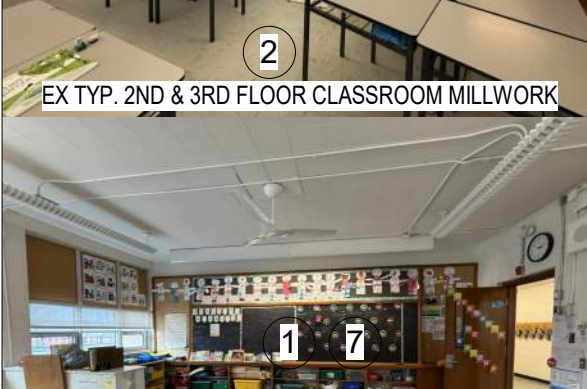
FILL ALL HOLES, CLEAN AND PREP WALLS TO RECEIVE NEW PAINT FINISH.

EXISTING ELECTRICAL AND MECHANICAL SERVICES TO BE INTEGRATED INTO MILLWORK WHERE APPLICABLE.

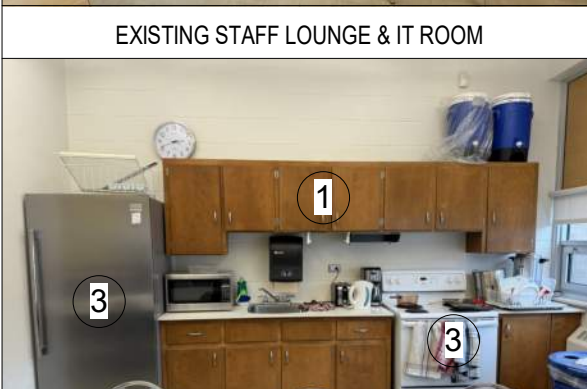
EXISTING SMART BOARDS TO BE PROTECTED/SALVAGED AND REINSTALLED AS REQUIRED TO ALLOW FOR DEMOLITION AND NEW CONSTRUCTION SCOPE.

DEMOLITION NOTES	
Number	Description
1	REMOVE EXISTING MILLWORK CW/ EX COUNTERTOPS AND SINKS, RUBBER BASE, & OTHER WALL MTD ACCESSORIES AS REQUIRED. PATCH AND GRIND SMOOTH BINDING RESIDUE & PREP WALLS FOR NEW MILLWORK & PAINT. WHERE APPLICABLE REMOVE EXISTING WOOD BULKHEAD AND FRAMING AND PREPARE FOR NEW GYPSUM BOARD MILLWORK AT THE SAME LOCATION.
2	REMOVE EXISTING VCT FLOORING CW/ EX RUBBER BASE. PREPARE AREAS TO RECEIVE NEW FLOORING FINISH.
3	REMOVE & SALVAGE EXISTING REFRIGERATOR, STOVE, AND OTHER KITCHEN APPLIANCES AS REQUIRED. COORDINATE WITH CLIENT FOR THE STORAGE AND REINSTALLATION.
4	REMOVE EXISTING DOOR CW/ EX DOOR FRAME AND HARDWARE. SALVAGE AND REINSTALL EX BELL AND CARD READER AS APPLICABLE. (TYPICAL IN ALL EXTERIOR DOORS TO BE REPLACED.) PATCH WALL AND TOUCH UP PAINT (TO MATCH EXISTING) AS REQUIRED.
5	REMOVE EXISTING MILLWORK COUNTER. SALVAGE EXISTING MOUNTING BRACKETS FOR THE INSTALLATION OF NEW COUNTER.
6	EXISTING SERVER/ IT CABINET TO STAY IN PLACE AND TO BE PROTECTED DURING CONSTRUCTION. COORDINATE WITH SCHOOL IT STAFF.
7	REMOVE EXISTING TACK/BLACK BOARDS CW/ FRAMES, WHERE APPLICABLE REMOVE AND REINSTATE SMART BOARDS AS REQUIRED TO ALLOW FOR NEW CONSTRUCTION SCOPE.
8	SALVAGE AND REINSTALL EXISTING LIGHT FIXTURE(S) INTO NEW MILLWORK.
9	LOOSE FURNITURE TO BE REMOVED AND RETURNED TO OWNER. COORDINATE STORAGE SOLUTION WITH OWNER.

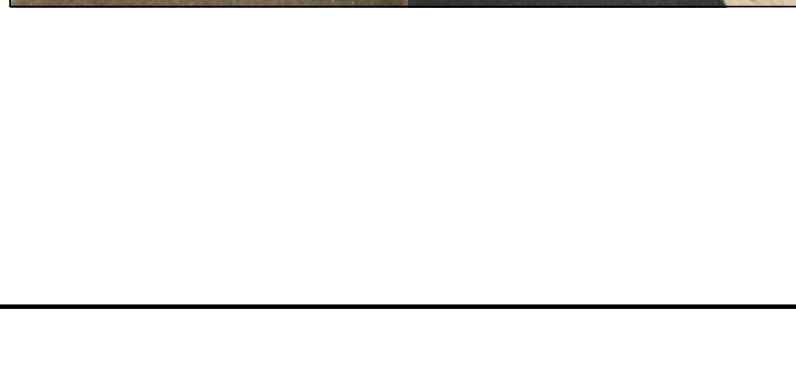
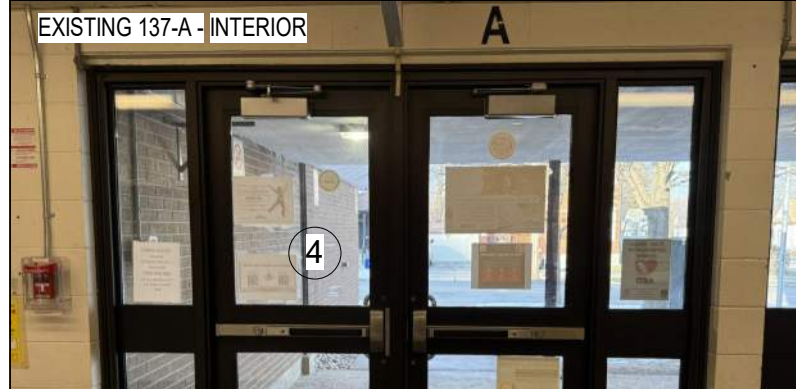
EXISTING SECOND & THIRD FLOOR AREAS IN SCOPE



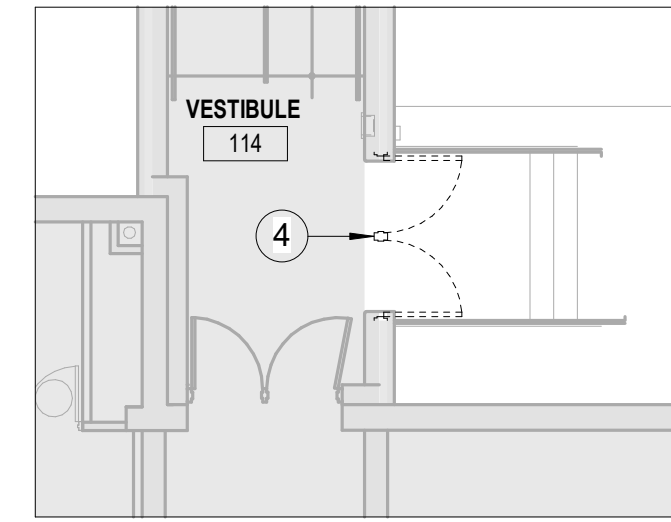
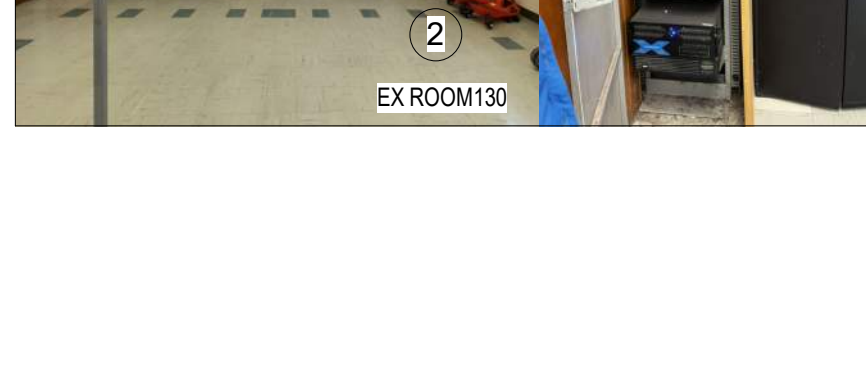
EXISTING STAFF LOUNGE & IT ROOM



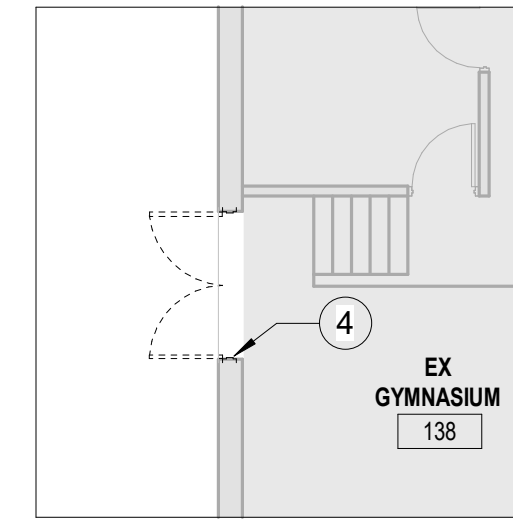
EXISTING DOORS IN SCOPE



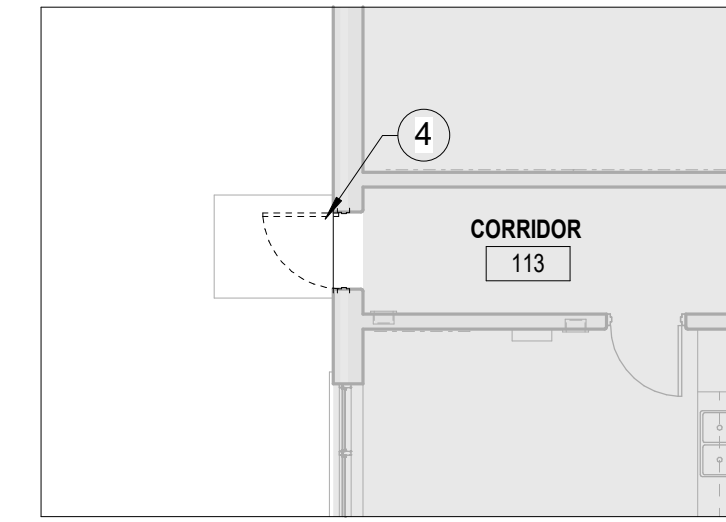
EX GROUND FLOOR AREAS IN SCOPE



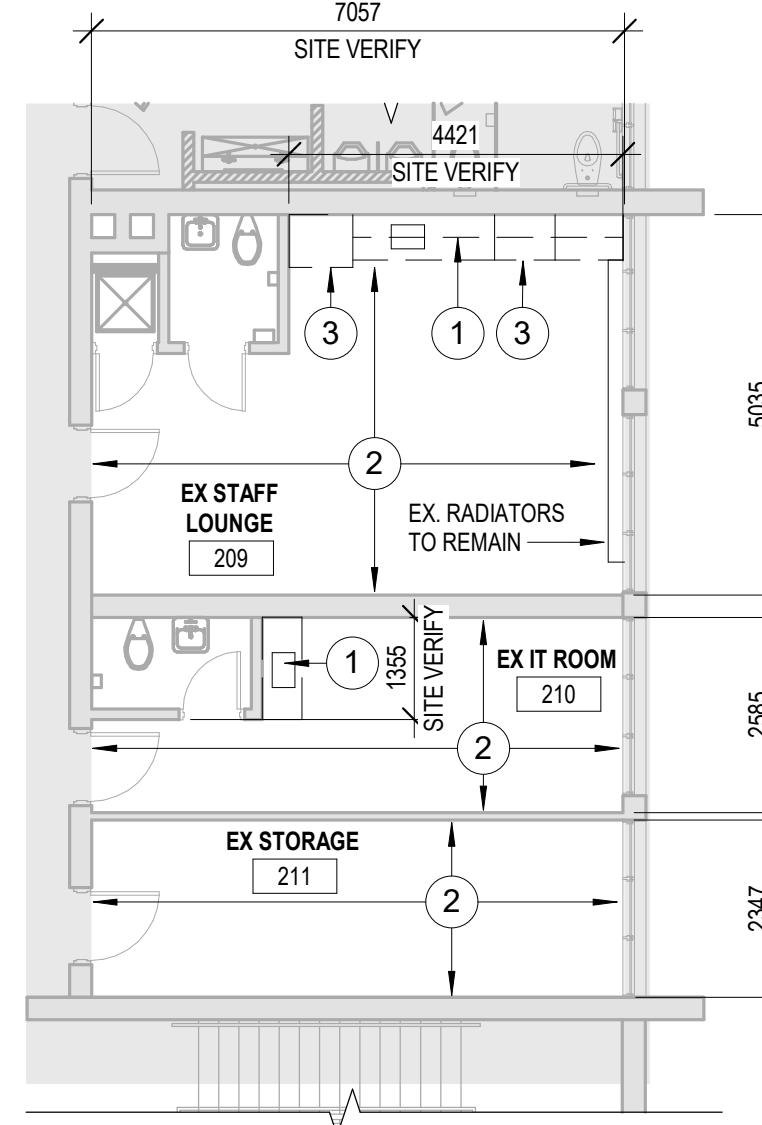
VESTIBULE 114 EXT DOOR DEMO 6
SCALE: 1:100 A1.02



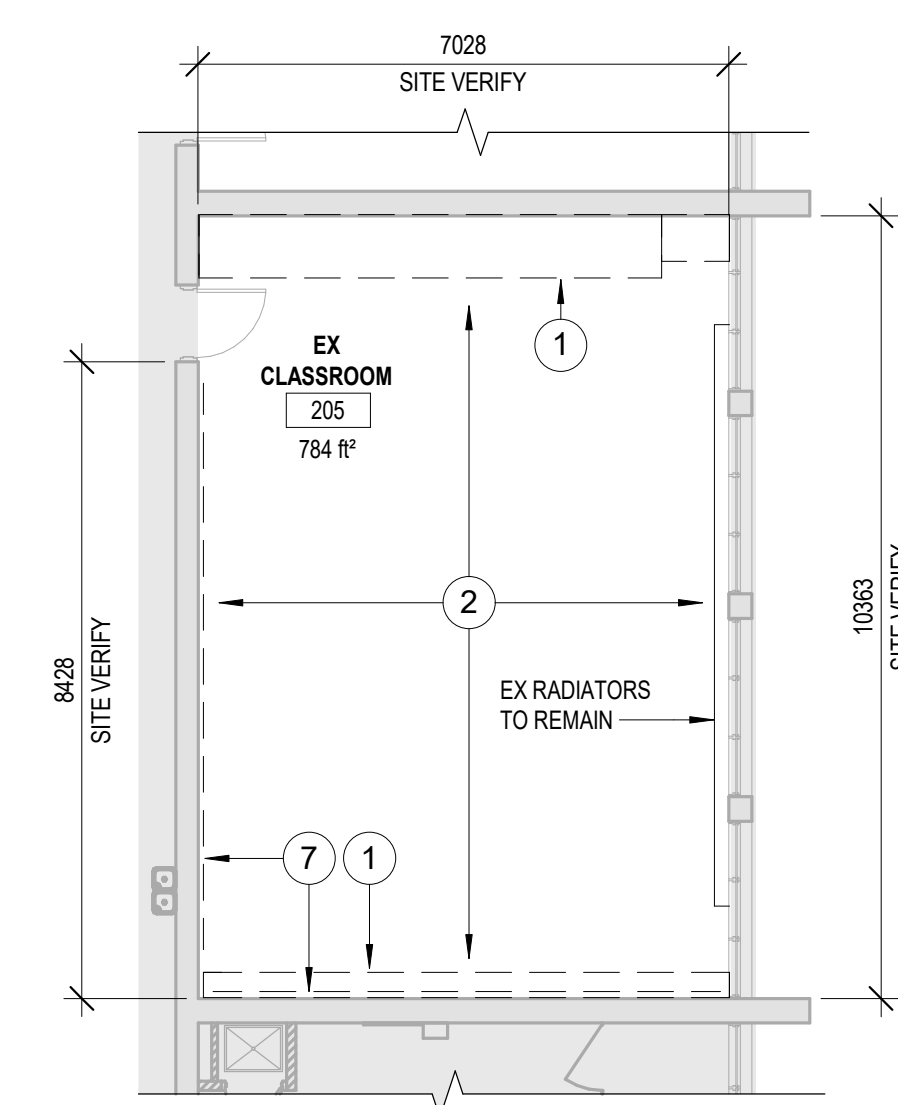
GYM EXT. DOOR DEMO 5
SCALE: 1:100 A1.02



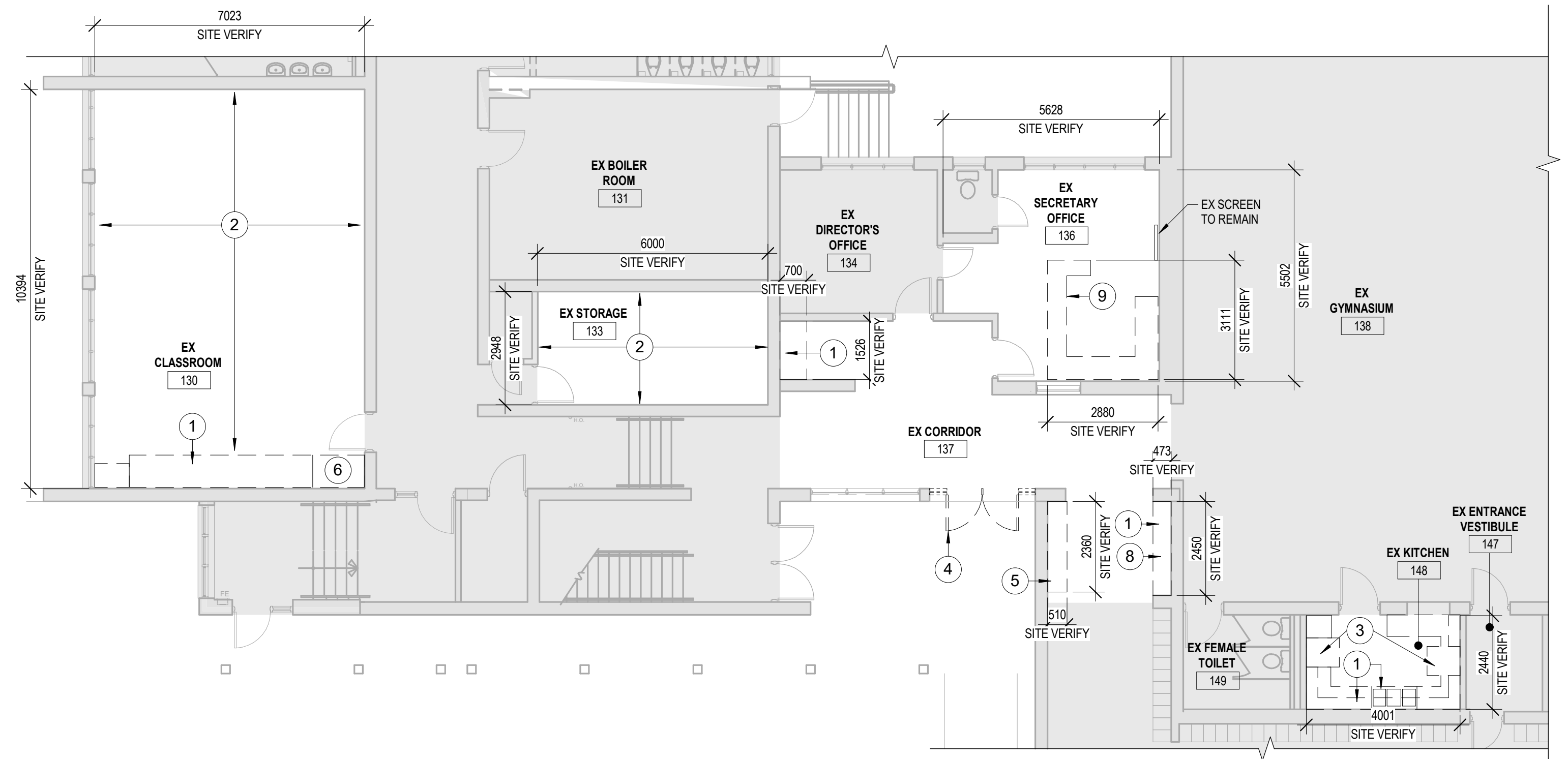
CORRIDOR 113 EXT. DOOR DEMO 4
SCALE: 1:100 A1.02



PARTIAL SECOND FLOOR DEMOLITION 3
SCALE: 1:100 A1.02



TYP. 2ND-3RD FLOOR CLASSROOM DEMOLITION 2
SCALE: 1:100 A1.02
TOTAL OF ELEVEN (11) CLASSROOMS



PARTIAL GROUND FLOOR DEMOLITION 1
SCALE: 1:100 A1.02

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REVISIONS

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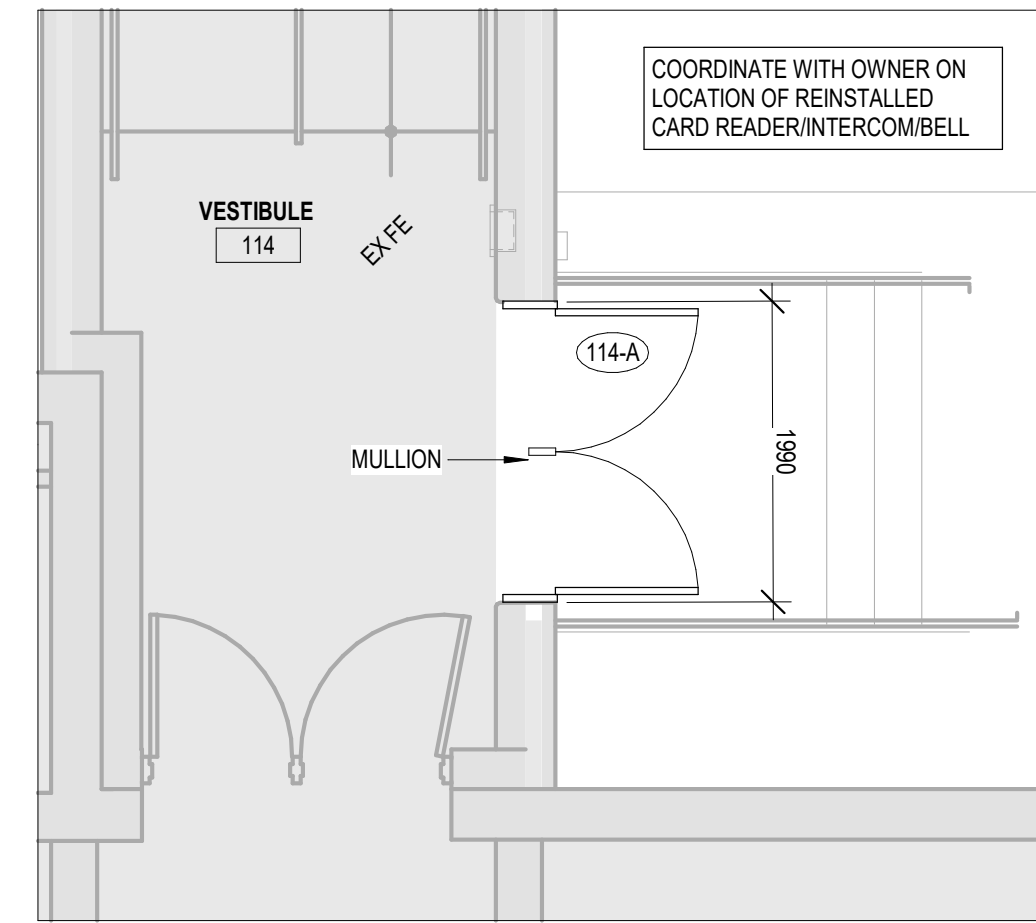


Project title:
INTERIOR RENOVATIONS & EXTERIOR DOOR REPLACEMENTS
ÉC NOTRE DAME
400 CUMBERLAND AVE.
HAMILTON, ON L8M 2A2
Drawing title:
DEMOLITION PLANS

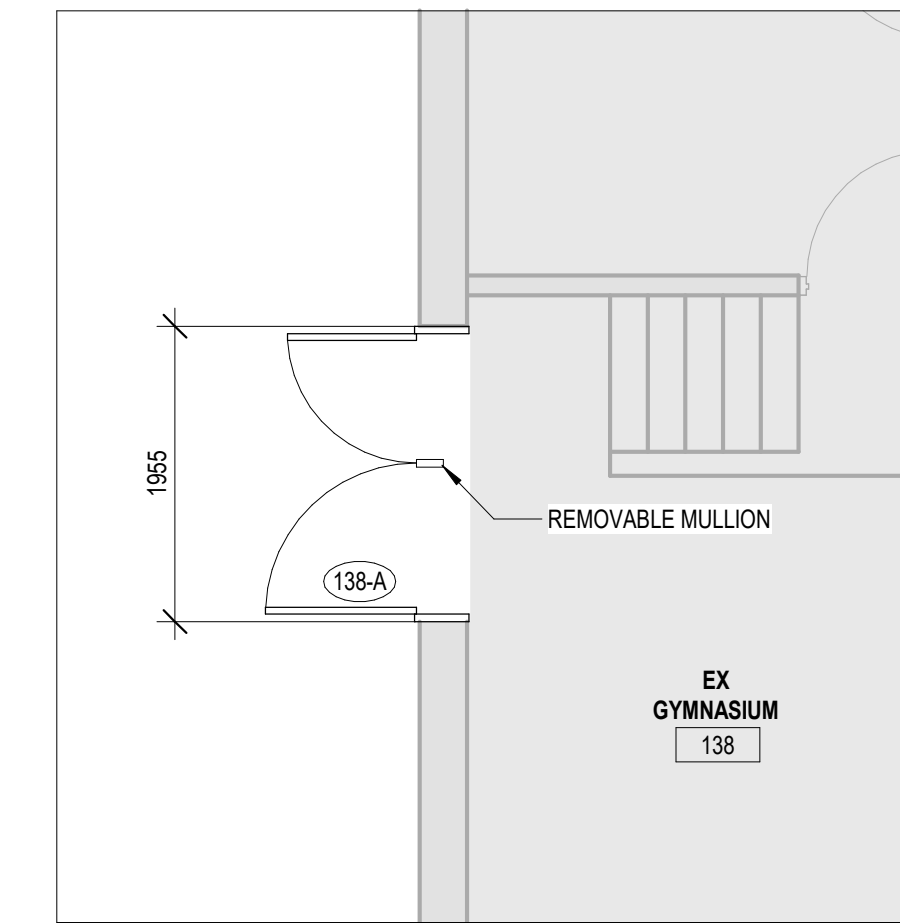
Drawn: RMC	Scale: As indicated
Date: 02/06/25	Project number: 25-01
Checked: AJ	Drawing No.:
Date: 01/2025	A1.03
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FLOOR PLAN NOTES

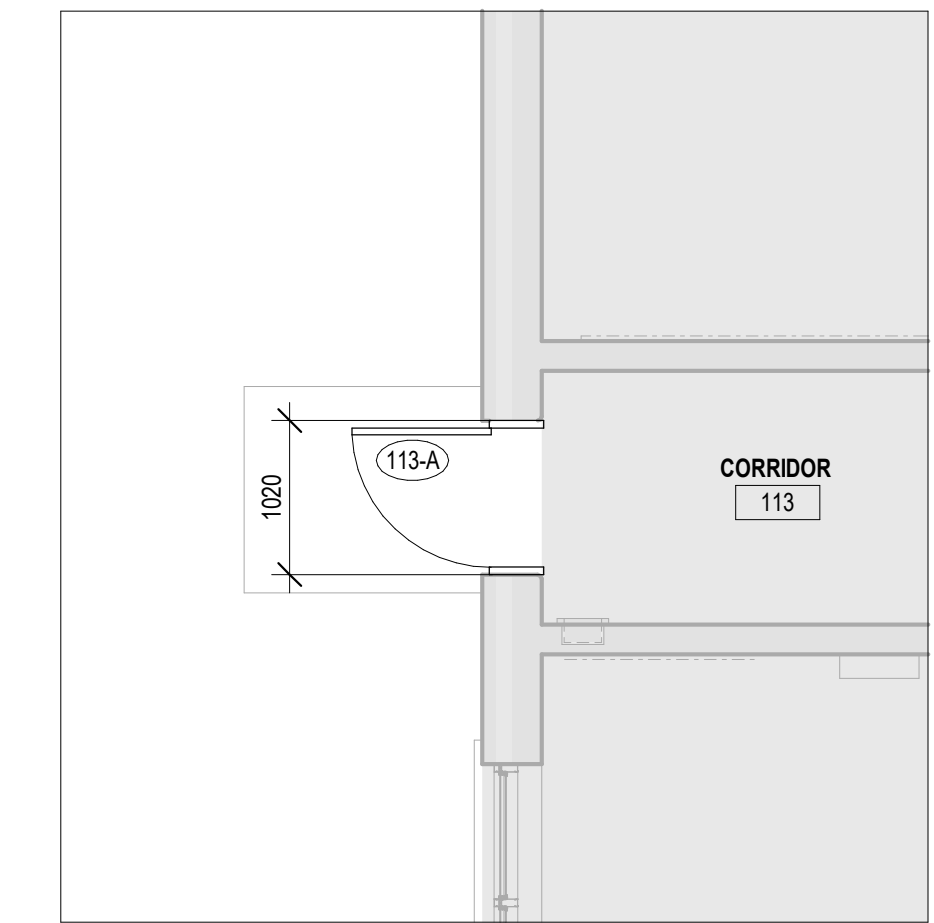
- ALLOW FOR 2 PAINT COLOURS, AND 2 VCT FLOORING FINISHES. LOCATIONS OF VCT FINISHES AND ACCENT PAINT TO BE PROVIDED.
- SITE VERIFY SITE CONDITIONS AND ALL EXISTING DIMENSIONS.
- REINSTALL ALL EXISTING COMPONENTS REMOVED TO ALLOW FOR NEW CONSTRUCTION.
- PROVIDE LOCKSET FOR TEACHER'S CABINET
- ALLOW FOR REWORK OF EXISTING ELECTRICAL COMPONENTS AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
- PROVIDE FLOORING TRANSITION BETWEEN NEW AND EXISTING FLOORING. MOCKUP TO BE APPROVED BY ARCHITECT.
- TOUCH UP PAINT AS REQUIRED WHERE DOORS ARE SET TO BE REPLACED.
- ALIGN LOCATION OF NEW SINKS WITH EXISTING PLUMBING.



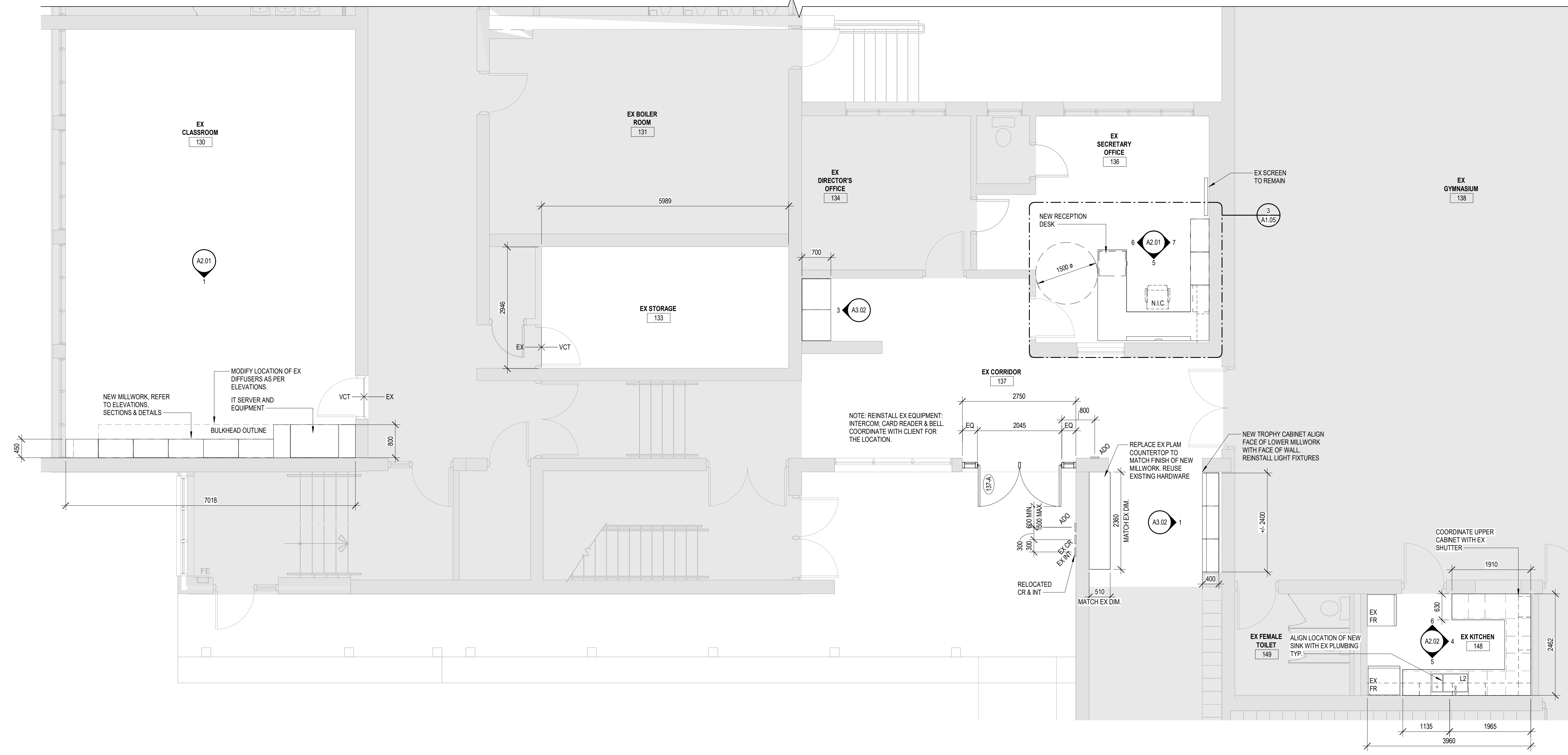
VESTIBULE 114 DOOR REPLACEMENT 4
SCALE: 1:50 A1.02



GYM DOOR REPLACEMENT 3
SCALE: 1:50 A1.02



CORRIDOR 113 DOOR REPLACEMENT 2
SCALE: 1:50 A1.02



PROPOSED GROUND FLOOR PLAN 1
SCALE: 1:50 A1.03

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Project title:
INTERIOR RENOVATIONS & EXTERIOR DOOR REPLACEMENTS
ÉEC NOTRE DAME
400 CUMBERLAND AVE.
HAMILTON, ON L8M 2A2

Drawn by:
RMC
Date:
12/13/24

Scale:
As indicated

Project number:
25-01

Checked by:
AJ
Date:
01/2025

Drawing No:
A1.04

Revision:
0

FLOOR PLAN NOTES

ALLOW FOR X2 PAINT COLOURS, AND X2 VCT FLOORING FINISHES. LOCATIONS OF VCT FINISHES AND ACCENT PAINT TO BE PROVIDED.

SITE VERIFY SITE CONDITIONS AND ALL EXISTING DIMENSIONS.

REINSTALL ALL EXISTING COMPONENTS REMOVED TO ALLOW FOR NEW CONSTRUCTION.

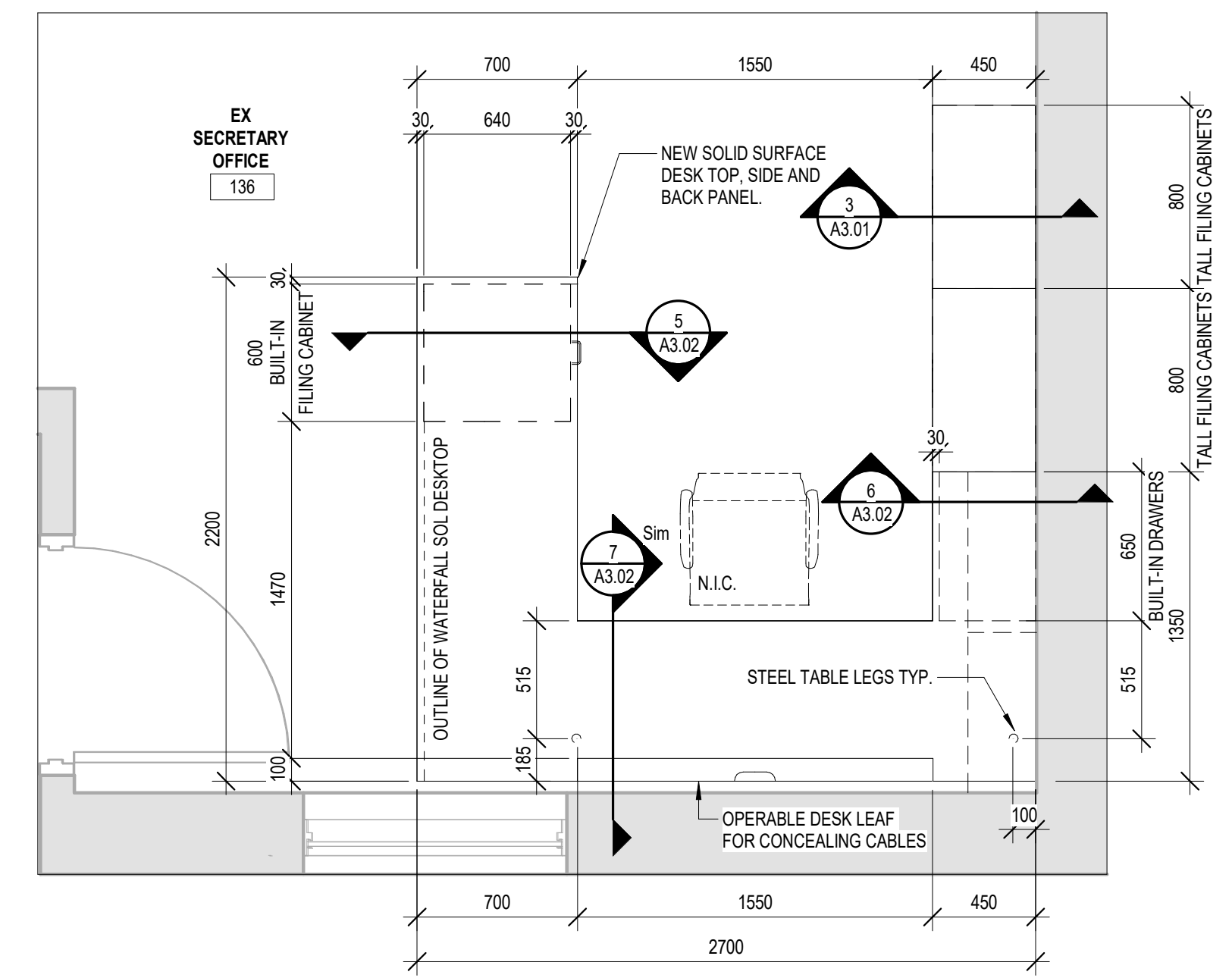
PROVIDE LOCKSET FOR TEACHER'S CABINET

ALLOW FOR REWORK OF EXISTING ELECTRICAL COMPONENTS AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.

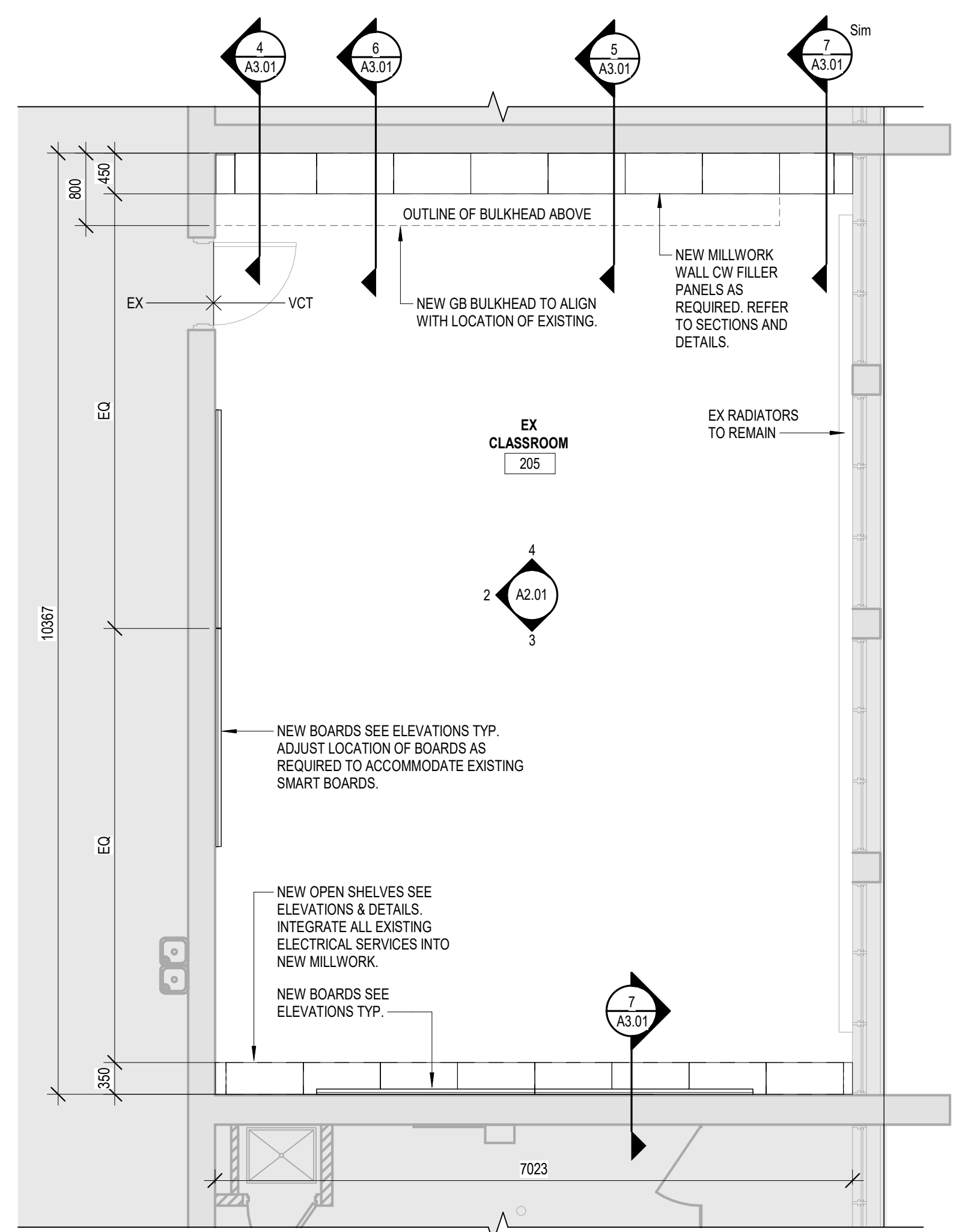
PROVIDE FLOORING TRANSITION BETWEEN NEW AND EXISTING FLOORING. MOCKUP TO BE APPROVED BY ARCHITECT.

TOUCH UP PAINT AS REQUIRED WHERE DOORS ARE SET TO BE REPLACED.

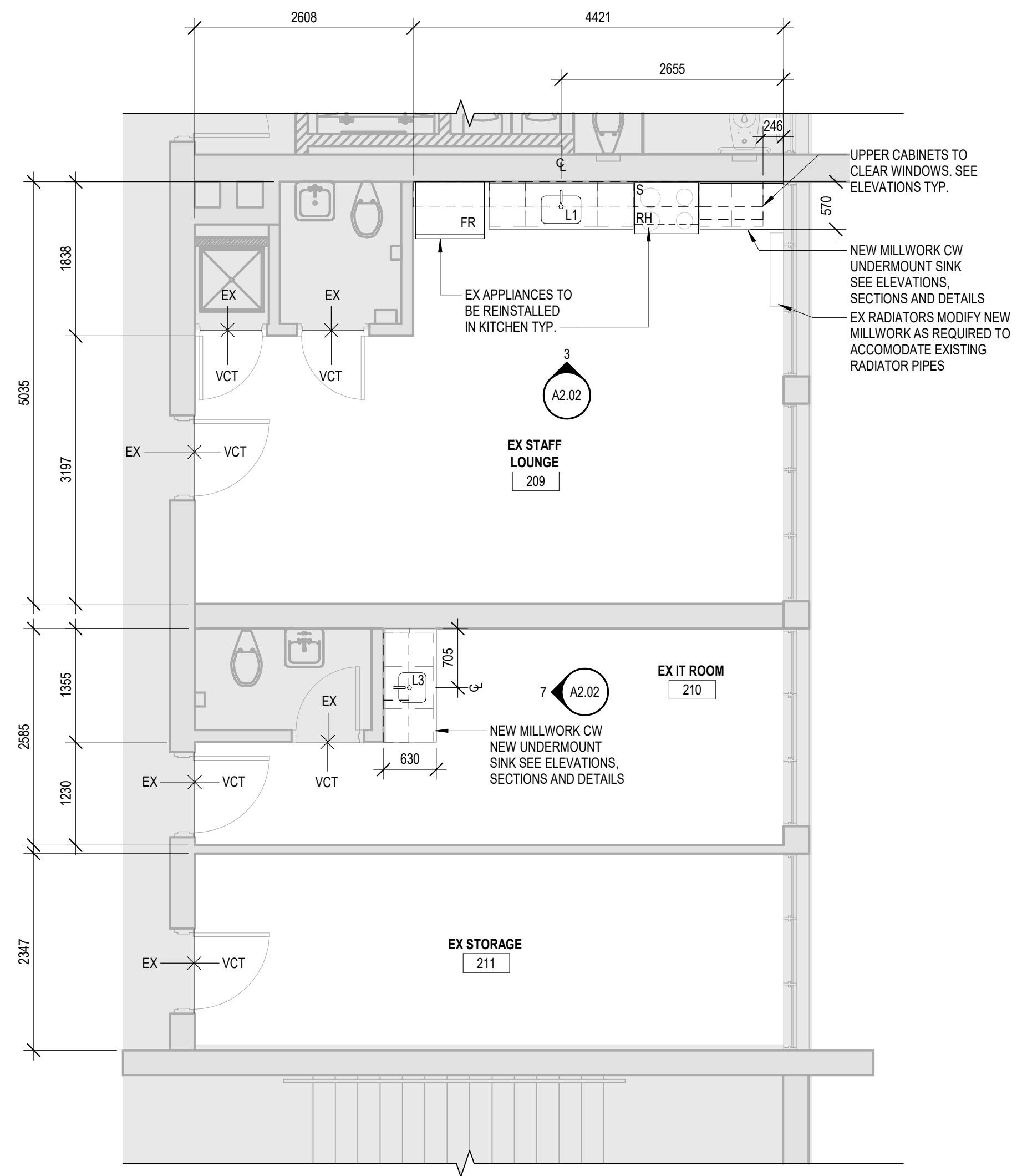
ALIGN LOCATION OF NEW SINKS WITH EXISTING PLUMBING.



ENLARGED OFFICE DESK PLAN 3
SCALE: 1:25 A1.04



TYPICAL 2ND-3RD FLOOR CLASSROOM PROPOSED PLAN 2
SCALE: 1:50 A1.02



PARTIAL SECOND FLOOR PLAN 1
SCALE: 1:50 A1.02

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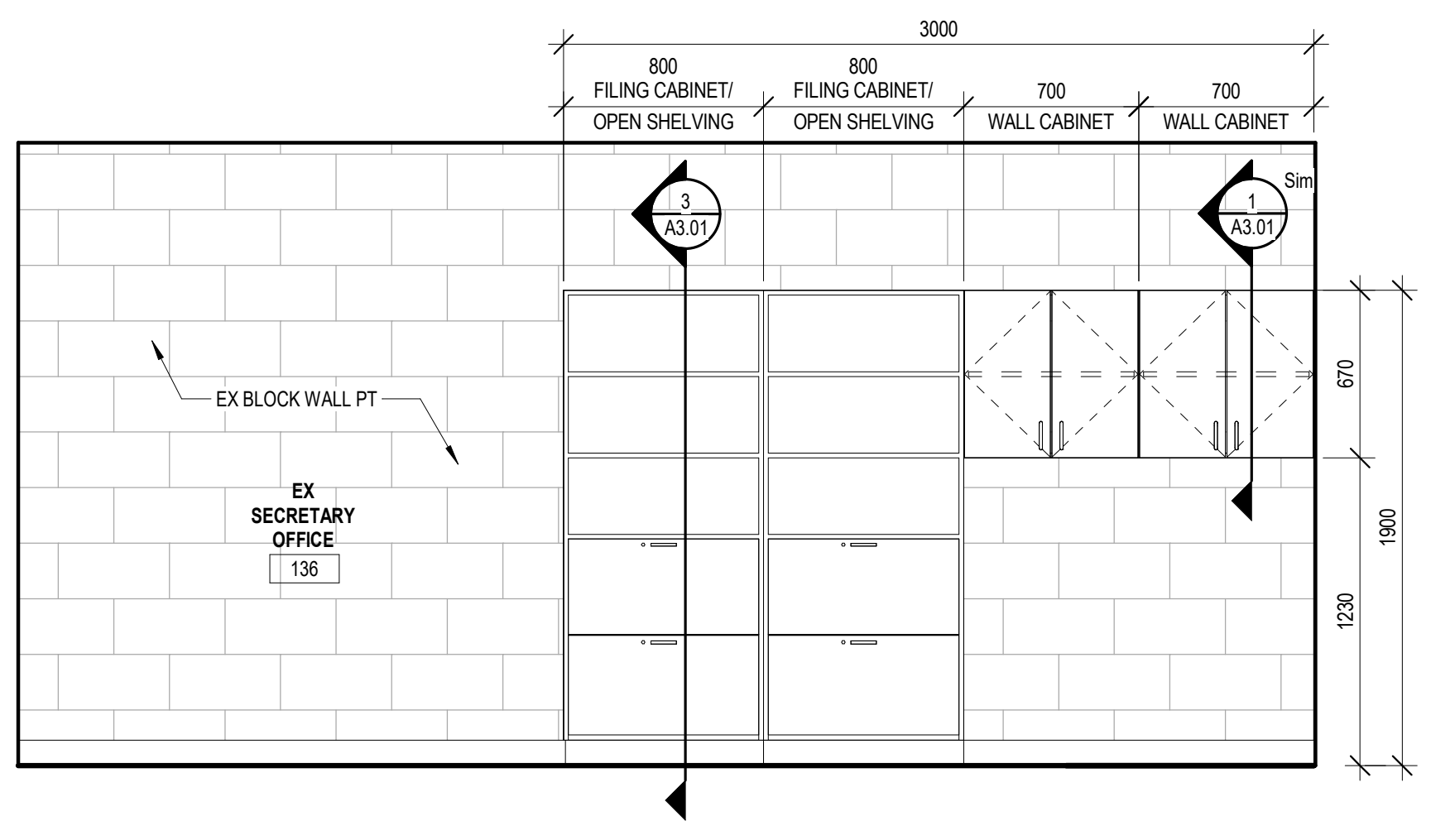
REVISIONS



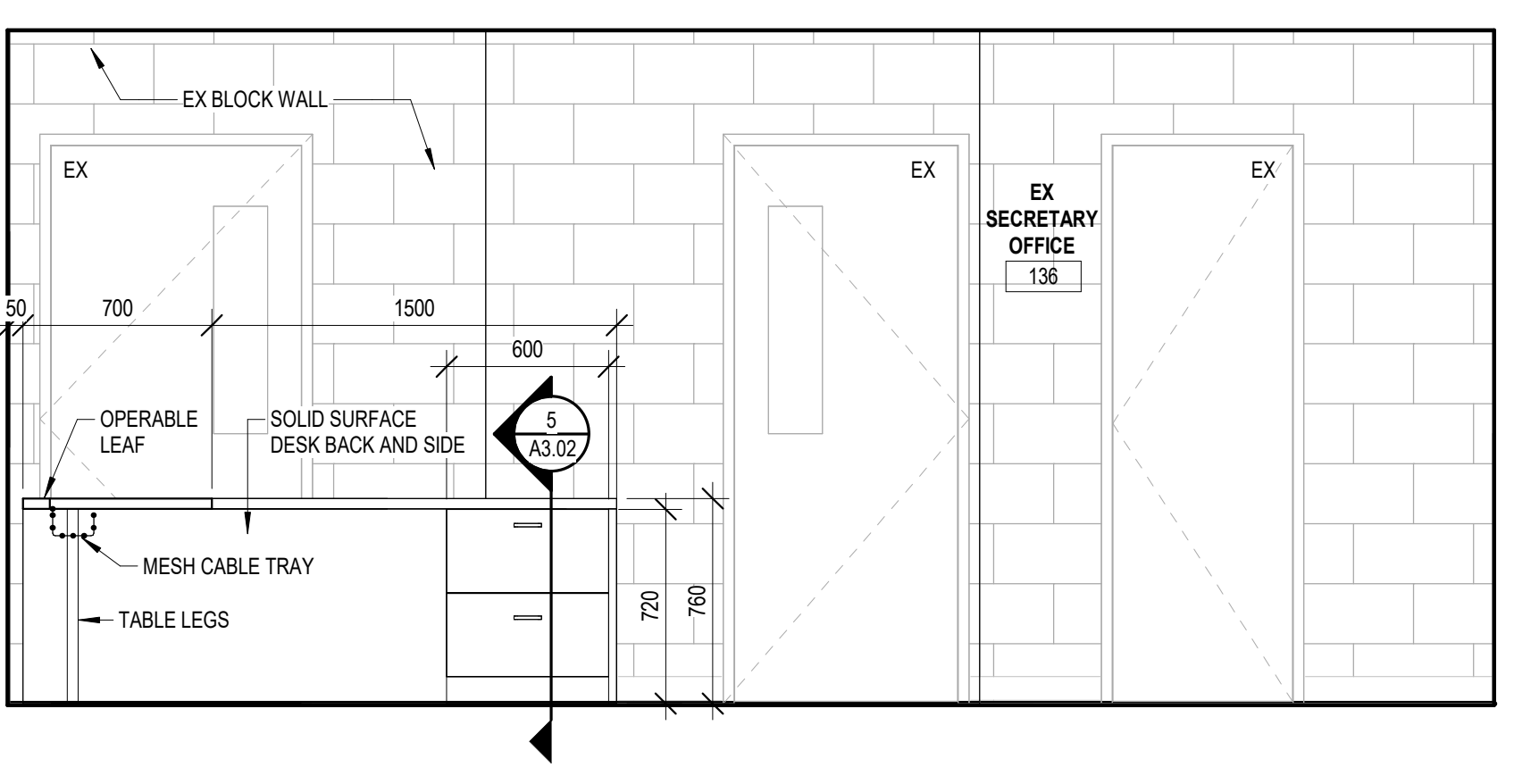
Project title:
INTERIOR RENOVATIONS & EXTERIOR DOOR REPLACEMENTS
ÉC NOTRE DAME
400 CUMBERLAND AVE, HAMILTON, ON L8M 2A2

Drawing title:
ENLARGED SECOND FLOOR & OFFICE PLAN

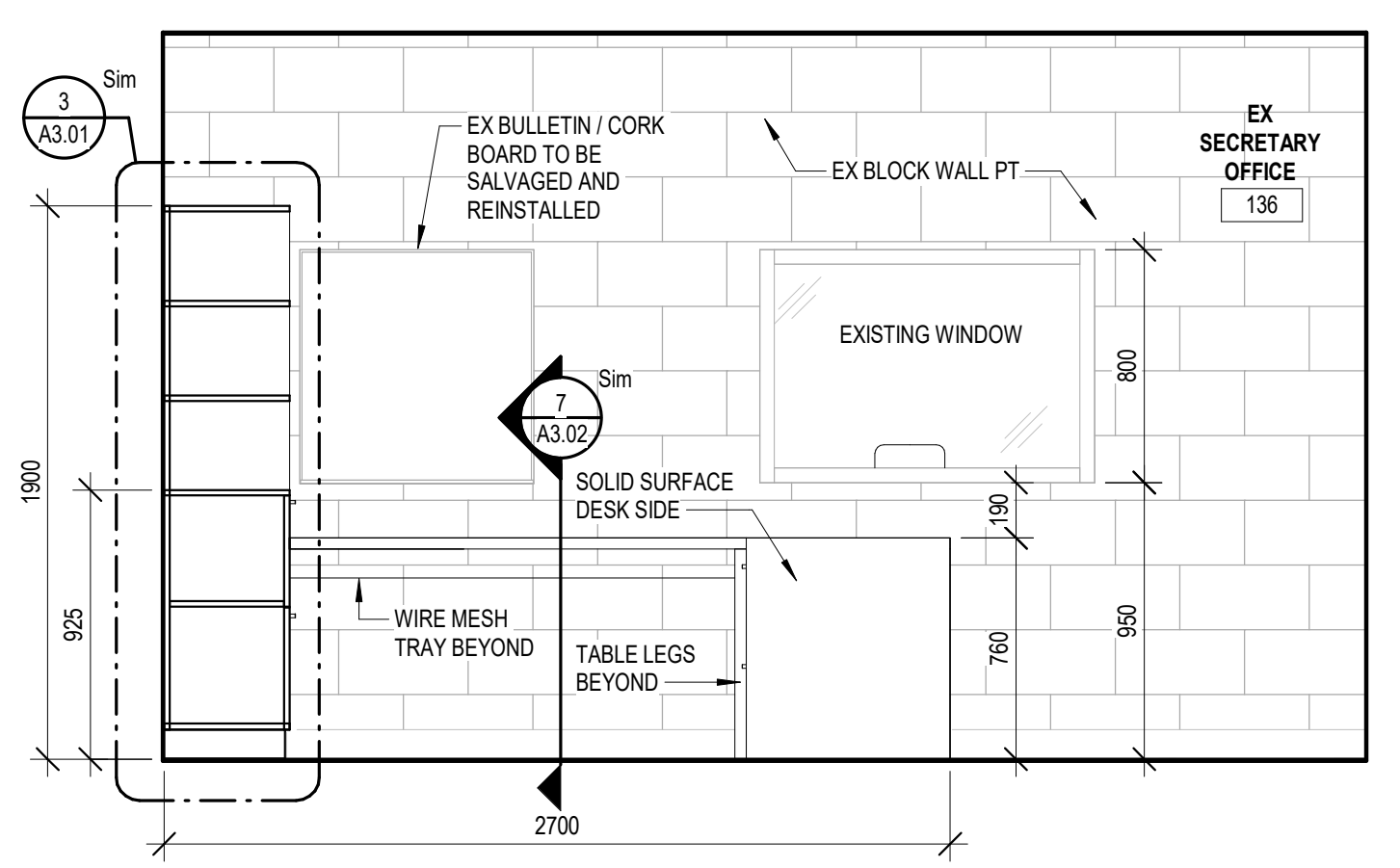
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Date: 12/13/24	Project number: 25-01
Checked: AJ	Drawing No.:
Date: 01/2025	A1.05
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SECRETARY MILLWORK ELEV 3
SCALE: 1:25 A1.04

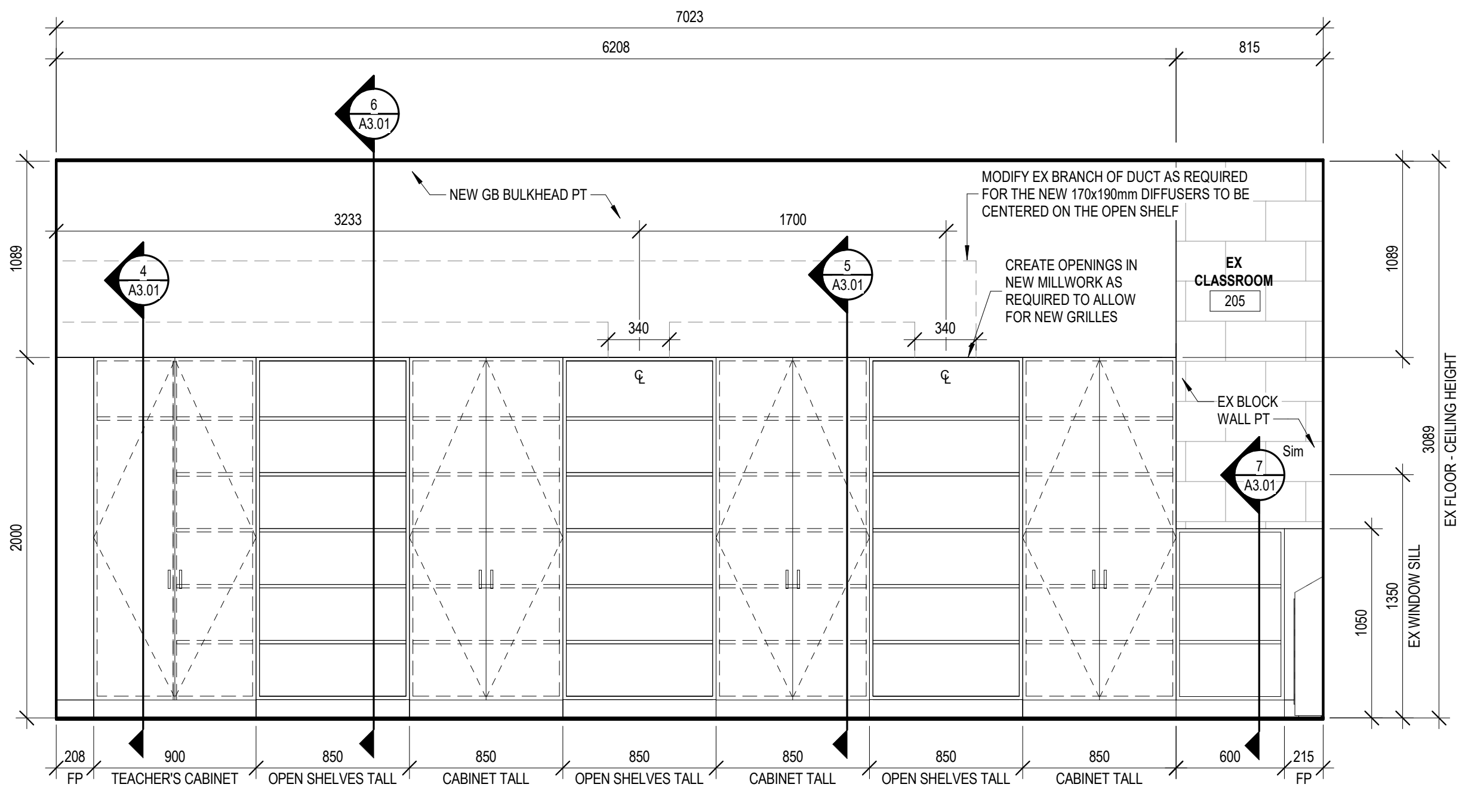


SECRETARY OFFICE MILLWORK ELEV 2
SCALE: 1:25 A1.04

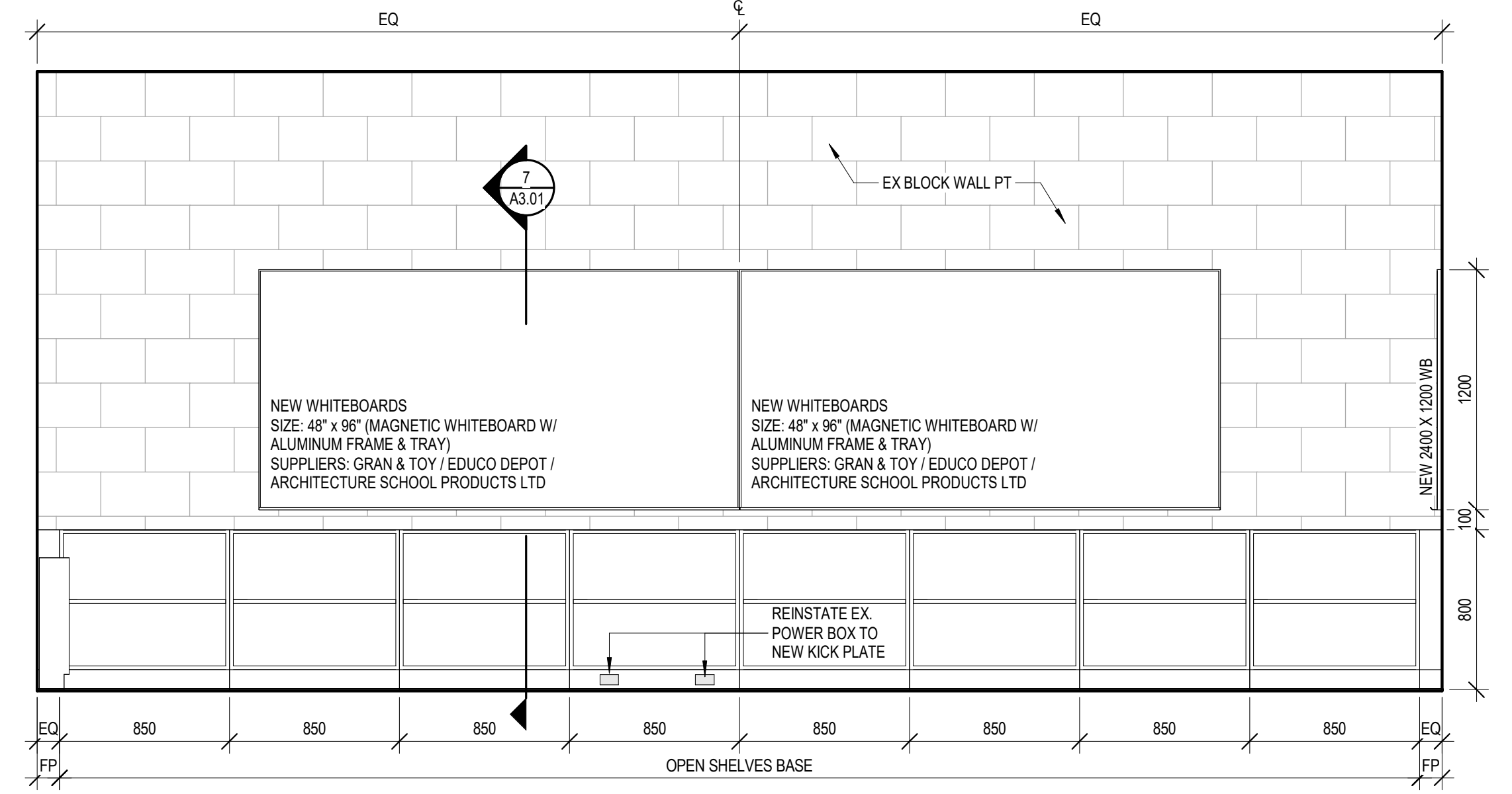


SECRETARY MILLWORK ELEV 1
SCALE: 1:25 A1.04

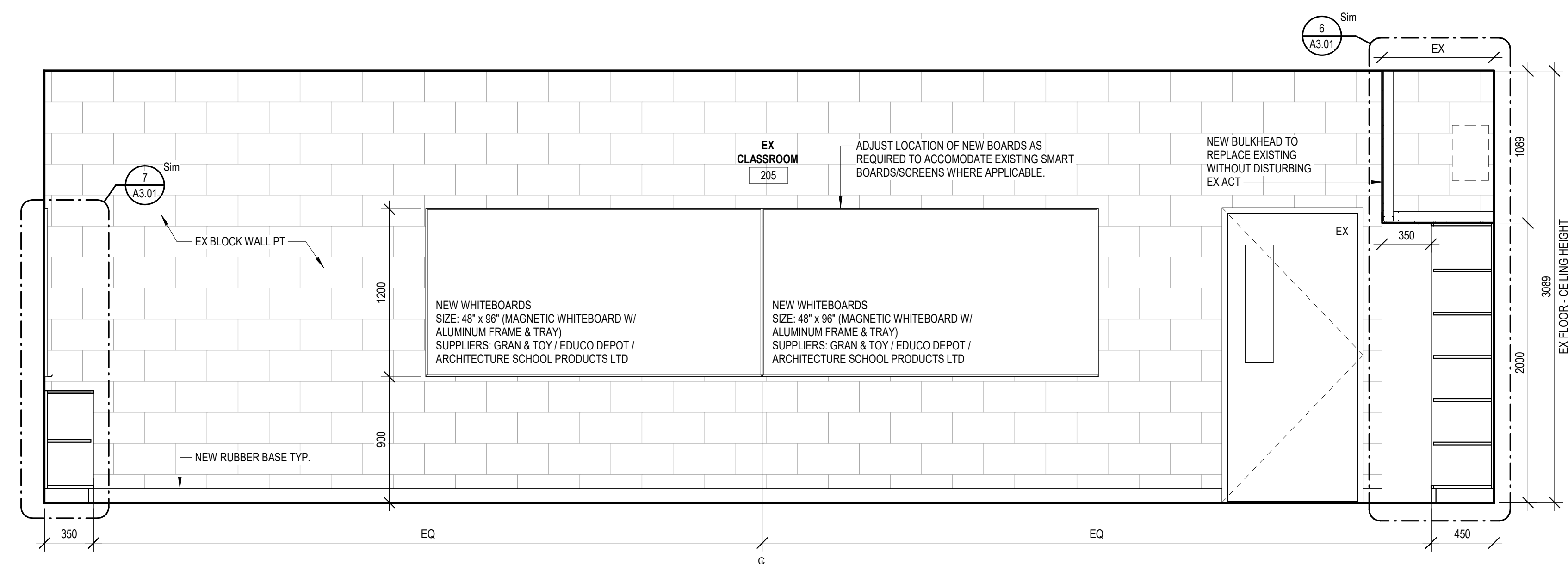
SPECIFICATIONS		
SYM	DESCRIPTION	LOCATION
PERFORATED METAL SHEET	PERFORATED METAL SHEET BY AMICO 5/32" SQUARE .231" STRAIGHT CENTERS, 18.74 HOLES PSI, 45.75% OPEN AREA	IT RACK
TABLE LEGS	RICHELIEU HEAVY DUTY ADJUSTABLE STAINLESS STEEL LEG #61758627170	OFFICE
MESH CABLE TRAY	CABLOFIL WIRE MESH CABLE TRAY, 6 IN W, 4 IN H, 10 FT L, 60 LB, STEEL ZINC PLATED, ITEM # WWG4GVX7, MFR MODEL #CF103/150EZ	OFFICE
WHITEBOARD	GRAND & TOY / EDUCO DEPOT / ARCHITECTURE SCHOOL PRODUCTS LTD, MAGNETIC WHITE BOARDS WITH ALUMINUM FRAME & TRAY, SIZE 48"x96"	CLASSROOMS



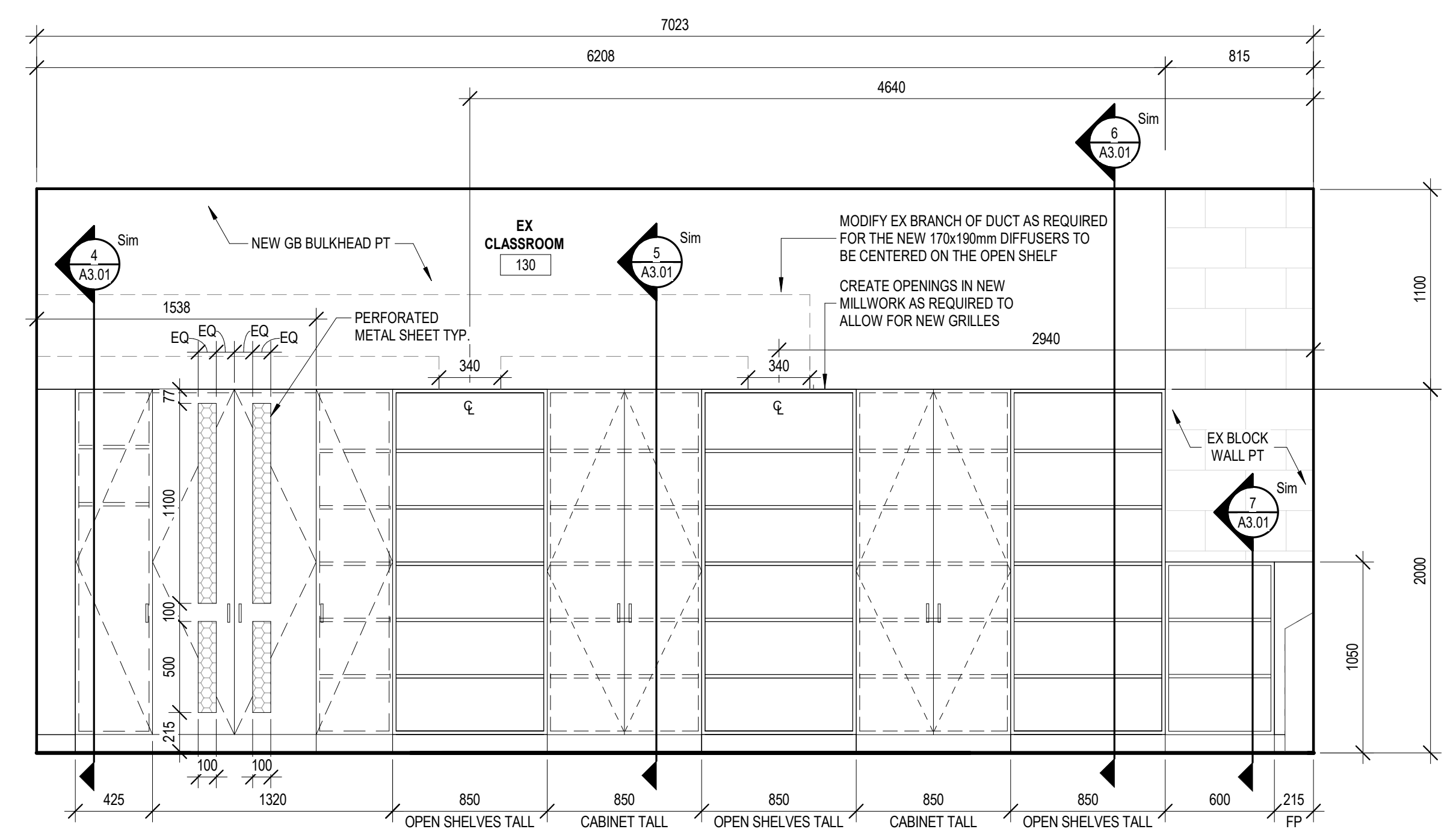
TYP. 2ND-3RD FLOOR CLASSROOM MILLWORK WALL
SCALE: 1:25 A1.05



TYP. 2ND - 3RD FLOOR CLASSROOM MILLWORK BOARD WALL
SCALE: 1:25 A1.05



TYP. 2ND - 3RD FLOOR CLASSROOM ELEV 3
SCALE: 1:25 A1.05



EX ROOM 130 MILLWORK ELEVATION
SCALE: 1:25 A1.04

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0	ISSUED FOR PERMIT/TENDER	25/03/10
No.	DESCRIPTION	DATE

REVISIONS



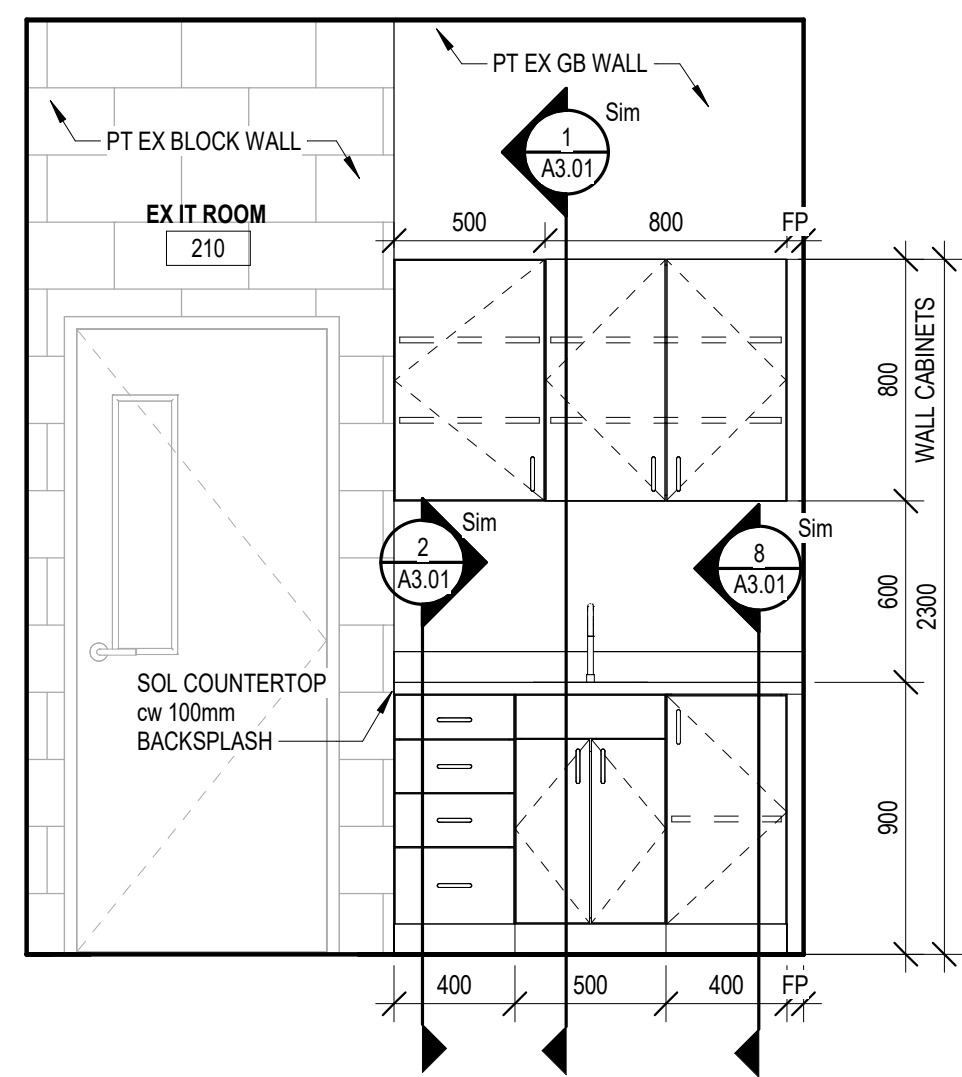
PROJECT: INTERIOR RENOVATIONS & EXTERIOR DOOR REPLACEMENTS
ÉCÉ NOTRE DAME
400 CUMBERLAND AVE, HAMILTON, ON L8M 2A2
DRAWING TITLE: INTERIOR ELEVATIONS

Drawn:	RMC	Scale:	As indicated
Date:	01/07/25	Project number:	25-01
Checked:	AJ	Drawing No.:	A2.01
Date:	01/2025	Revision:	0

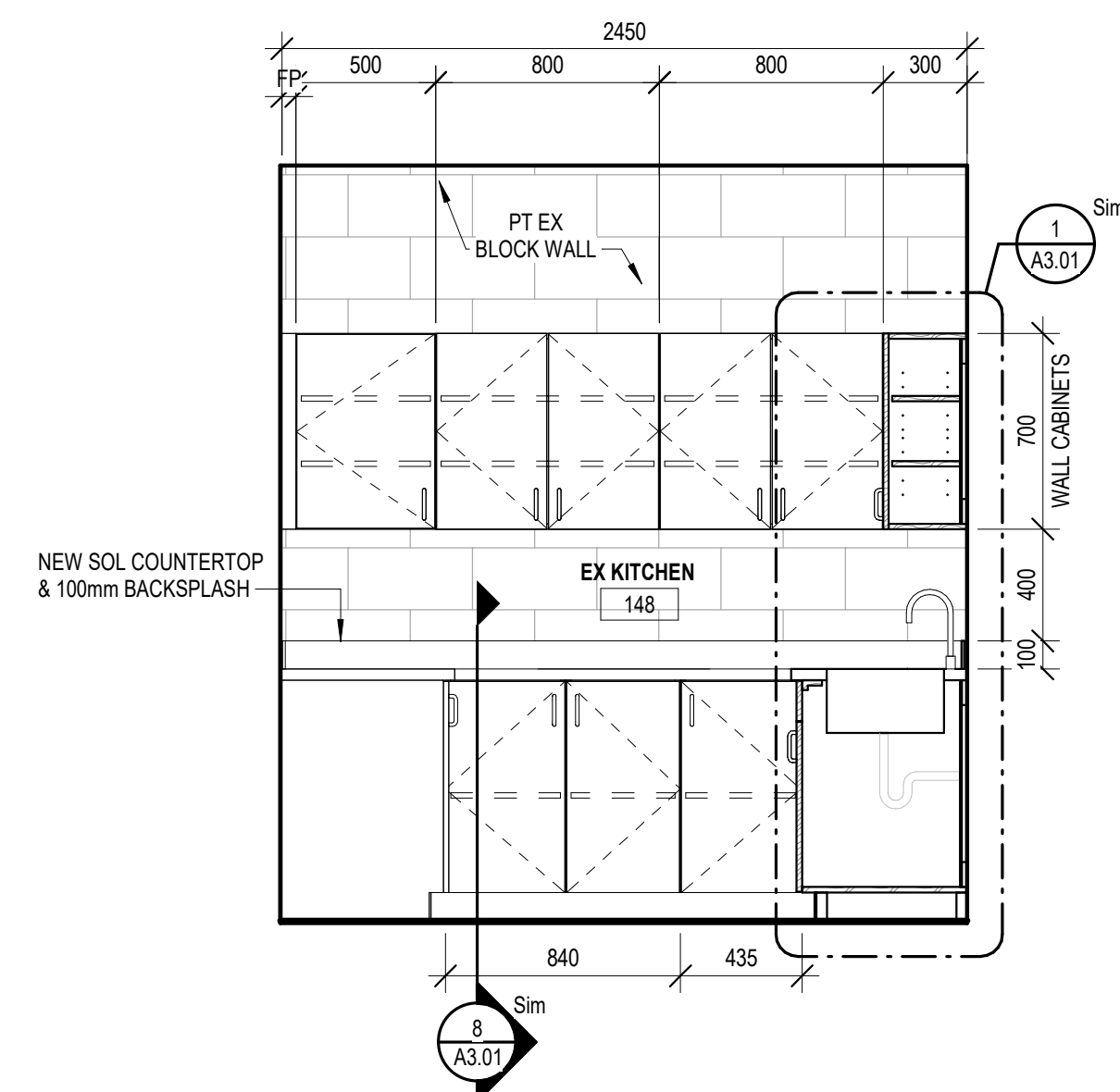
APPLIANCE SPECIFICATIONS

PROVIDE ALL APPLIANCES AS SPECIFIED. INSTALL NEW OUTLETS WHERE NEW APPLIANCES ARE SET TO BE INSTALLED.
 RH - ZEPHYR AK1100BW RANGE HOOD, 30 INCH EXTERIOR WIDTH, UNDER CABINET, 3, 250 CFM, INSIDE / RECIRCULATING, LED, WHITE

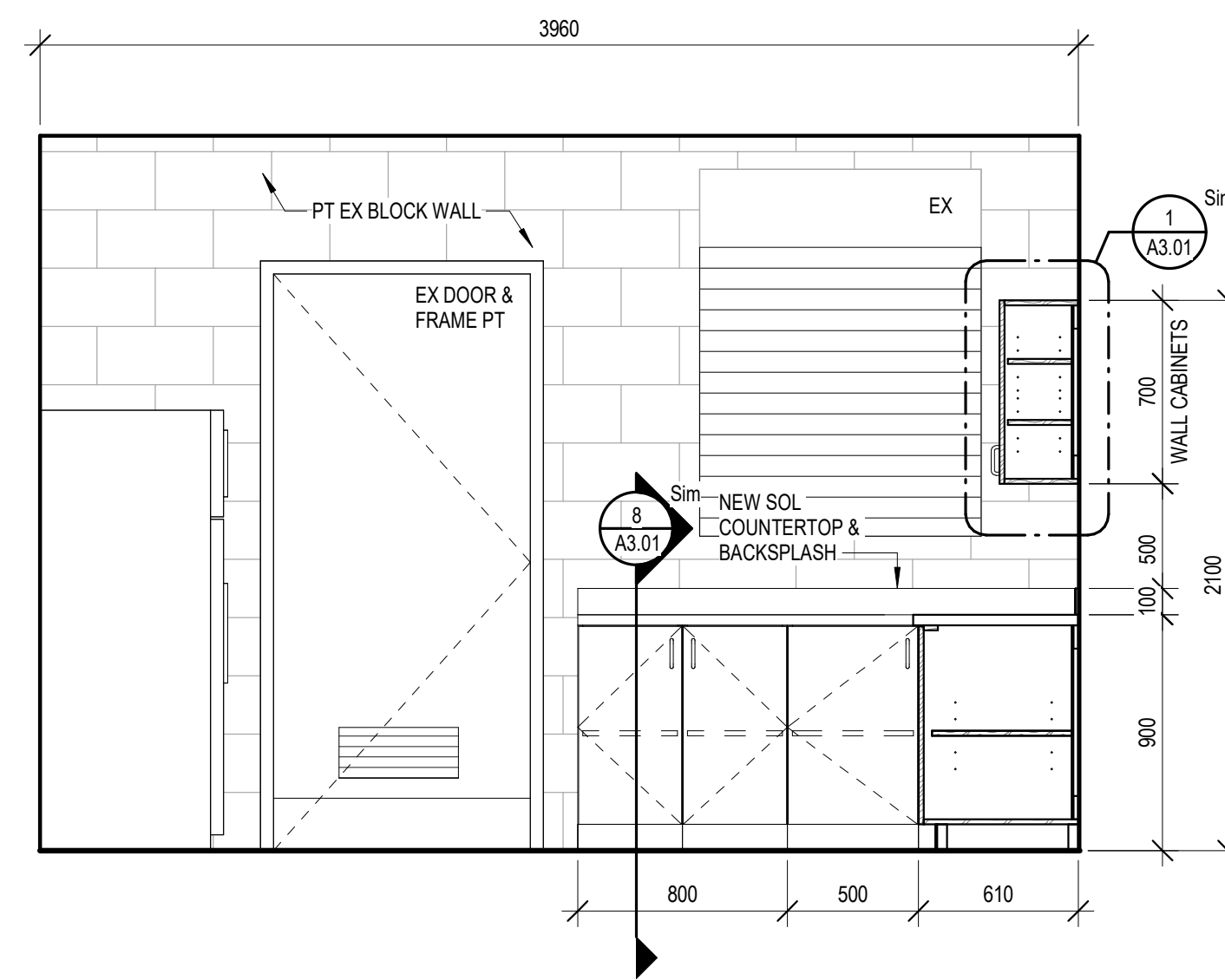
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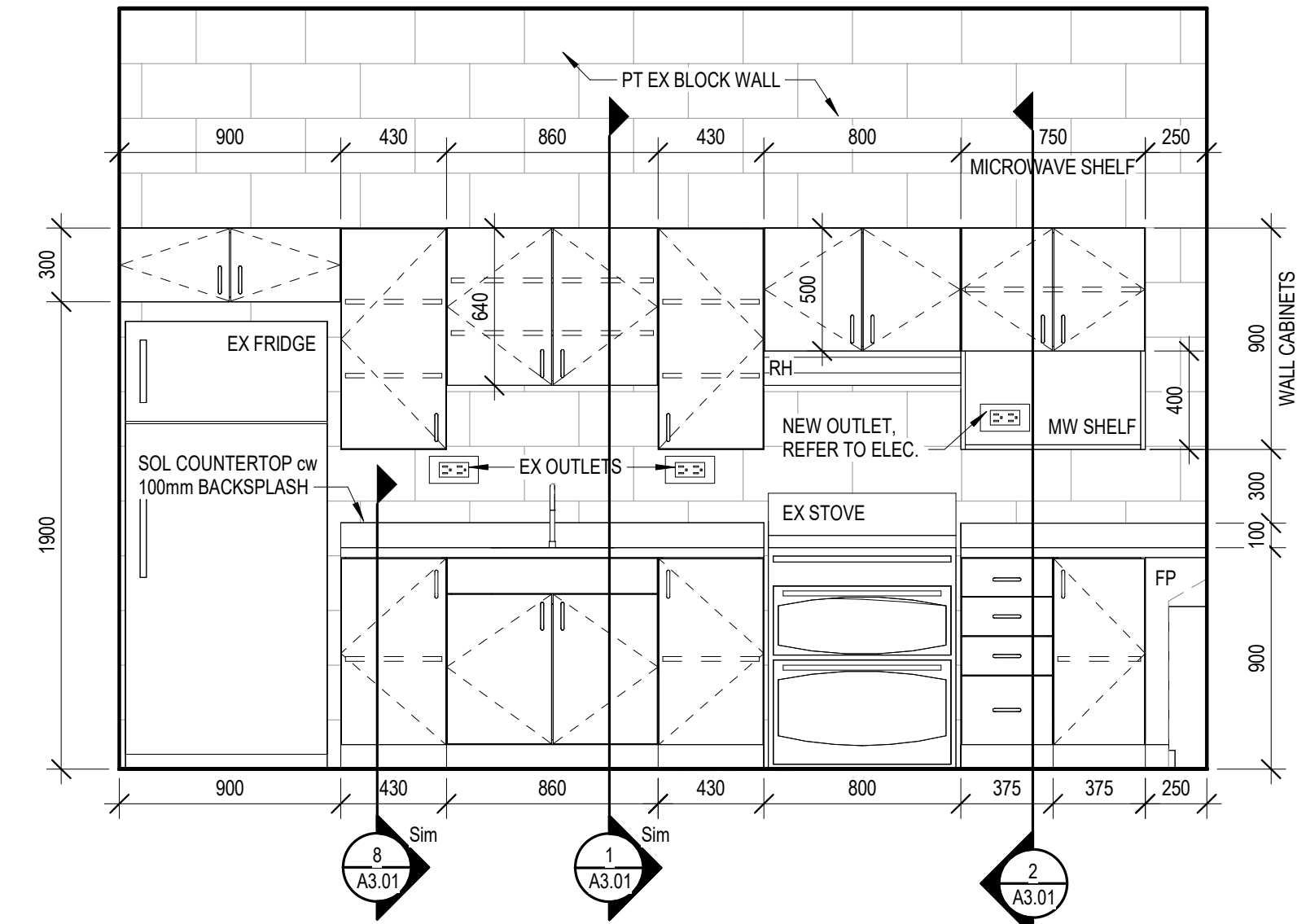
INFIRMARY PROPOSED MILLWORK 7
 SCALE: 1:25 A1.05



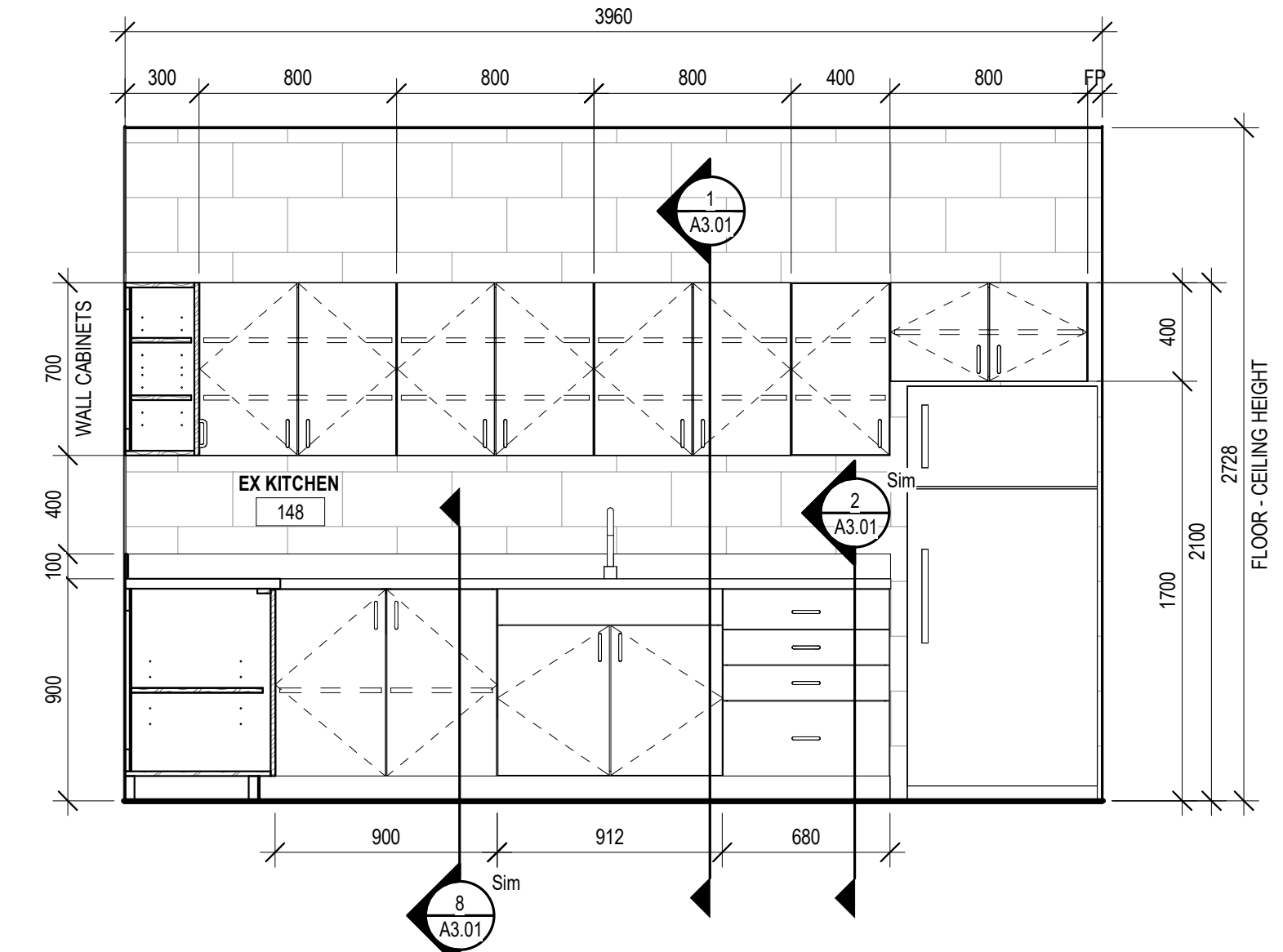
PROPOSED KITCHEN MILLWORK ELEV 2 4
 SCALE: 1:25 A1.04



KITCHEN MILLWORK ELEV 3 6
 SCALE: 1:25 A1.04



STAFF LOUNGE PROPOSED MILLWORK 3
 SCALE: 1:25 A1.05



PROPOSED KITCHEN MILLWORK ELEV 1 5
 SCALE: 1:25 A1.04

0	ISSUED FOR PERMIT/TENDER	25/03/10
No.	DESCRIPTION	DATE

REVISIONS



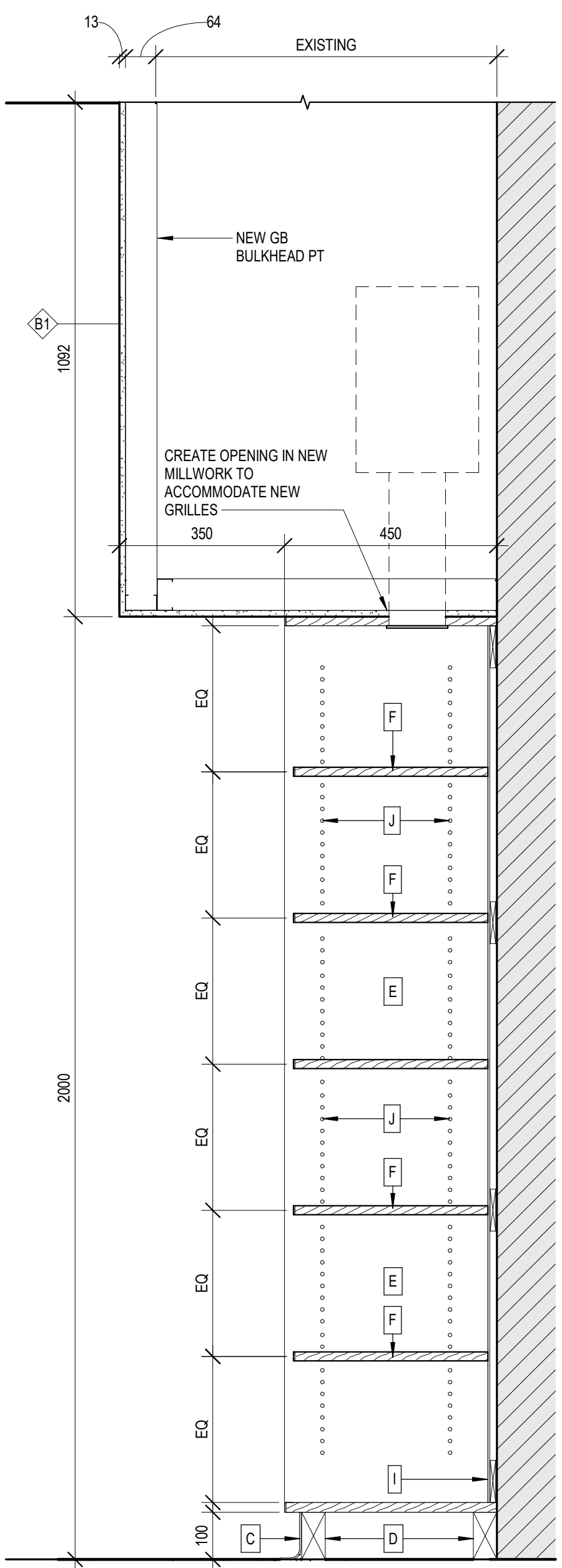
project title:
INTERIOR RENOVATIONS & EXTERIOR DOOR REPLACEMENTS
 ÉCÉ NOTRE DAME
 400 CUMBERLAND AVE.
 HAMILTON, ON L8M 2A2
 drawing title:
INTERIOR ELEVATIONS

drawn:	scale:	As indicated
Author	date:	project number:
02/27/25		25-01
checked:	DRAWING NO.	
Checker	A2.02	0
01/2025		Revisor

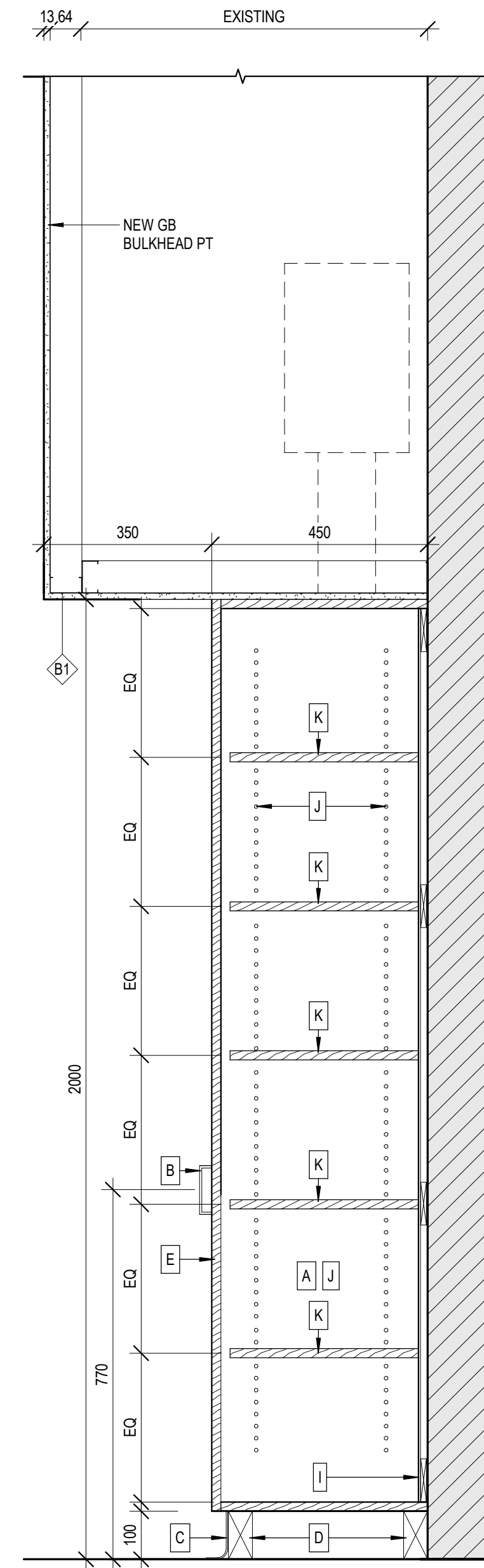
3/10/2025 2:07:47 PM
Z:\Drawings\25-01 CSC Notre-Dame Hamilton\25-01 Design\25-01 - Notre Dame - Hamilton (1).rvt

MILLWORK LEGEND & NOTES			
A	CONCEALED CABINET INTERIORS TO BE MELAMINE FINISH PARTICLE BOARD THROUGHOUT C/W MATCHING TAPES EDGE-BANDING	H	STAINLESS STEEL UNDERMOUNT SINK, REFER TO SPECIFICATIONS
B	PULL HANDLE (REFER TO SPECS)	I	BACKER PANEL (6MM, TYP)
C	100 MM HIGH RUBBER BASE BOARD AS PER ROOM FINISH SCHEDULE	J	RECESSED SHELF PILASTER / CLIPS
D	WOOD SUPPORT BLOCKING (OR CABINET LEVELING LEGS) TO SUIT	K	ADJUSTABLE SHELVING
E	ALL EXPOSED CABINET BODIES TO BE PLASTIC LAMINATE FINISH BOARD C/W 3 MM MATCHING PVC EDGE-BANDING THROUGHOUT	L	FIXED METAL COAT ROD, 25mm DIA.
F	FIXED SHELF	M	10mm CLEAR TEMPERED GLASS ADJUSTABLE SHELF (4) C/W RECESSED PILASTERS AND CLIPS
G	SOLID SURFACE COUNTERTOP ON SPECIFIED CORE C/W WOOD BLOCKING AS REQUIRED, REFER TO SPECS	N	DRAWER
		O	SOLID SURFACE ON PLYWOOD CORE DESKTOP, SIDE AND BACK PANEL

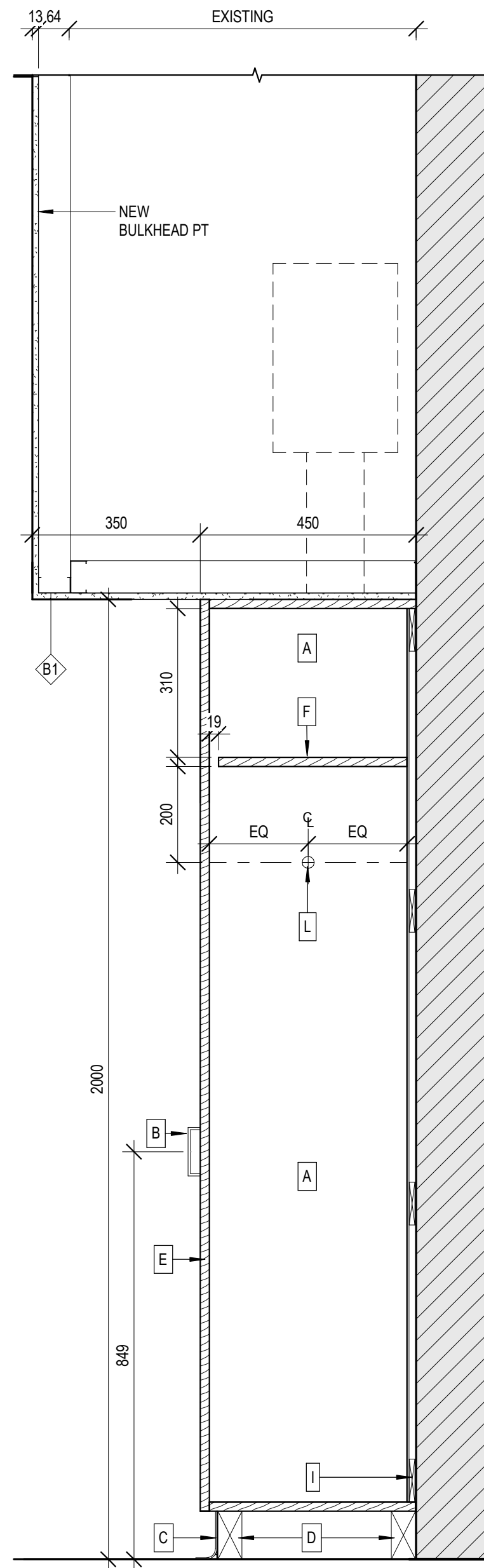
MELAMINE MILLWORK PANELS TO BE 19MM THICK, U.N.O
MELAMINE AND P-LAM COLOUR AND STYLE TO BE SELECTED BY ARCHITECT. SAMPLES OF FINISHES TO BE PROVIDED FOR APPROVAL.
VERIFY ALL DIMENSIONS ON-SITE AND NOTIFY ARCHITECT IF ANY MODIFICATIONS ARE REQUIRED TO SUITE EXISTING SITE CONDITIONS.
ALL MILLWORK SURFACES TO BE FINISHED. ALL CABINET INTERIORS TO BE MELAMINE FINISH, AND ALL EXPOSED CABINET BODIES TO BE PLAM WHERE APPLICABLE. ADJUST MILLWORK TO ACCOMMODATE EXISTING ELECTRICAL AND MECHANICAL SERVICES



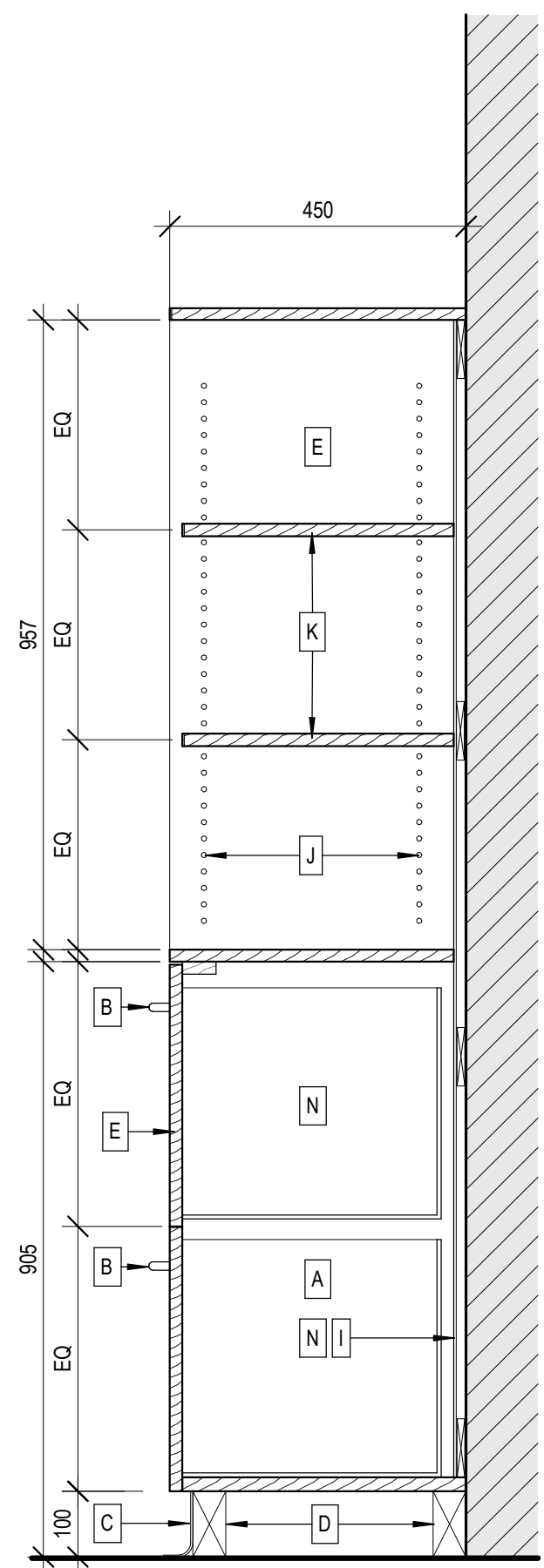
TYP. CLASSROOM TALL SHELF SECTION 6
SCALE: 1:10 A1.05



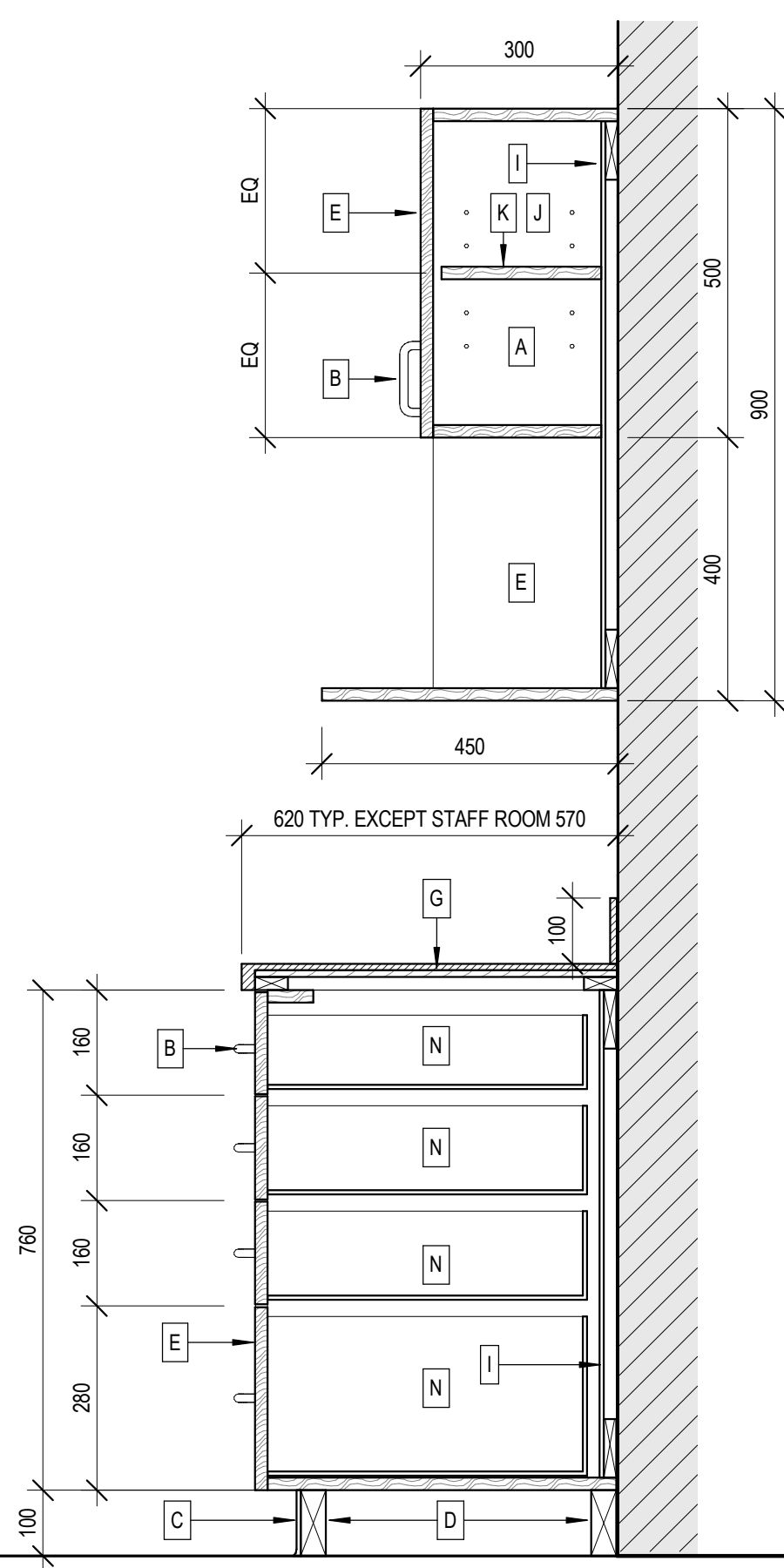
TYP. CLASSROOM TALL CABINET SECTION 5
SCALE: 1:10 A1.05



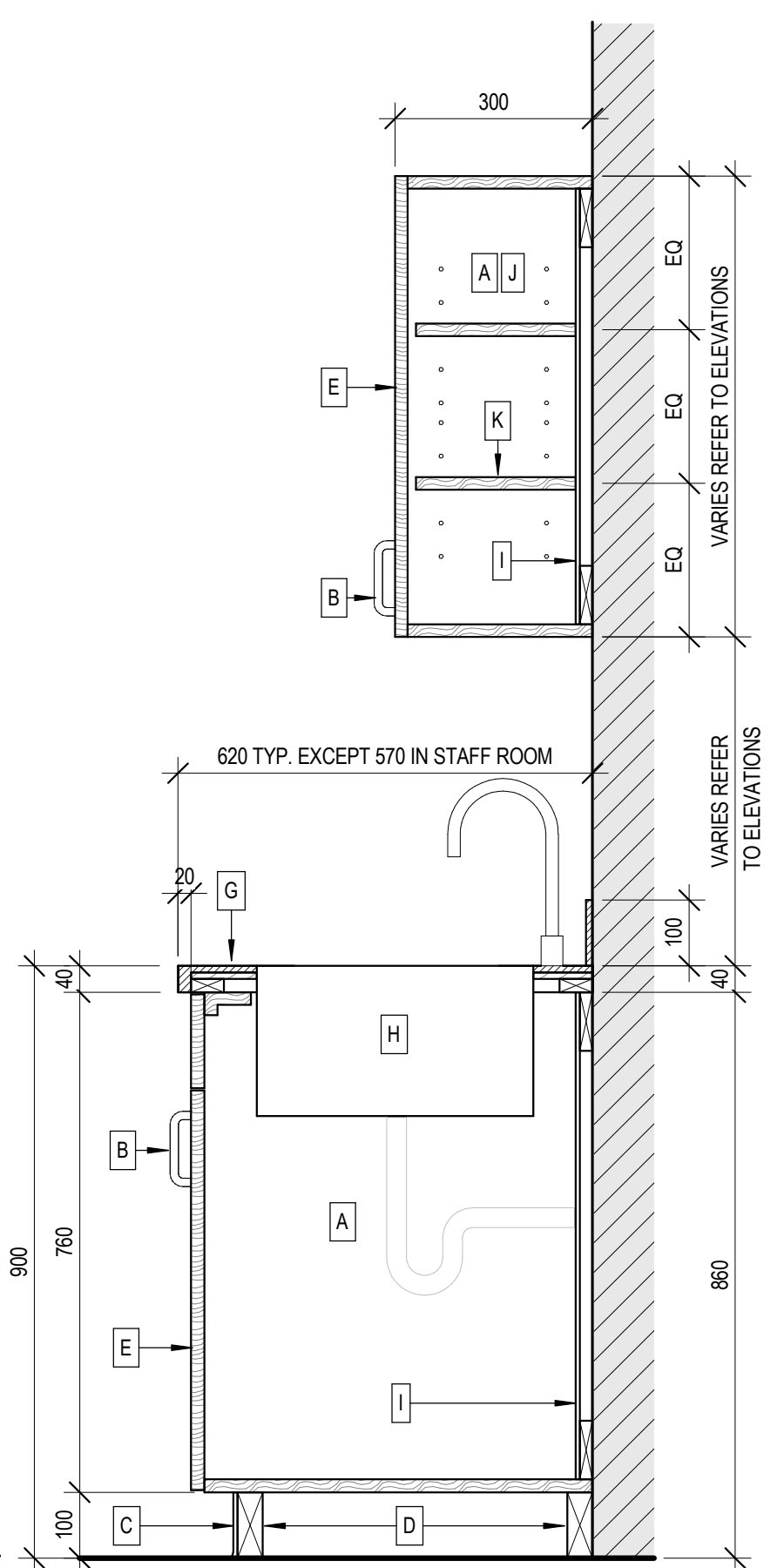
TYP. TEACHER'S CABINET SECTION 4
SCALE: 1:10 A1.05



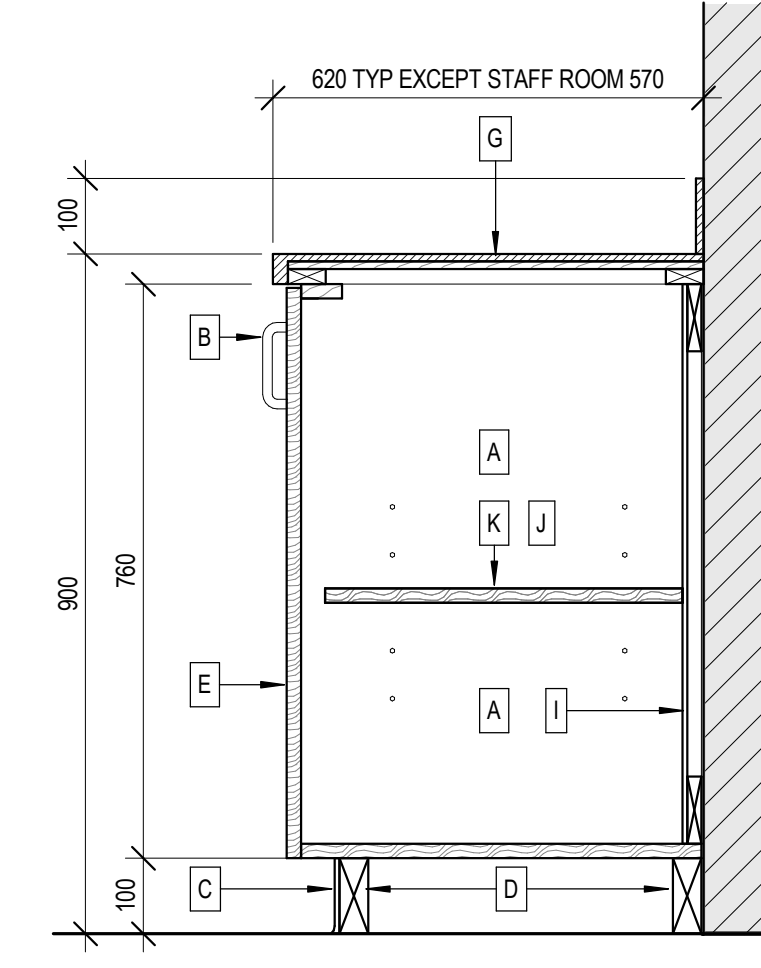
TYP. TALL FILING CABINET SECTION 3
SCALE: 1:10 A1.05



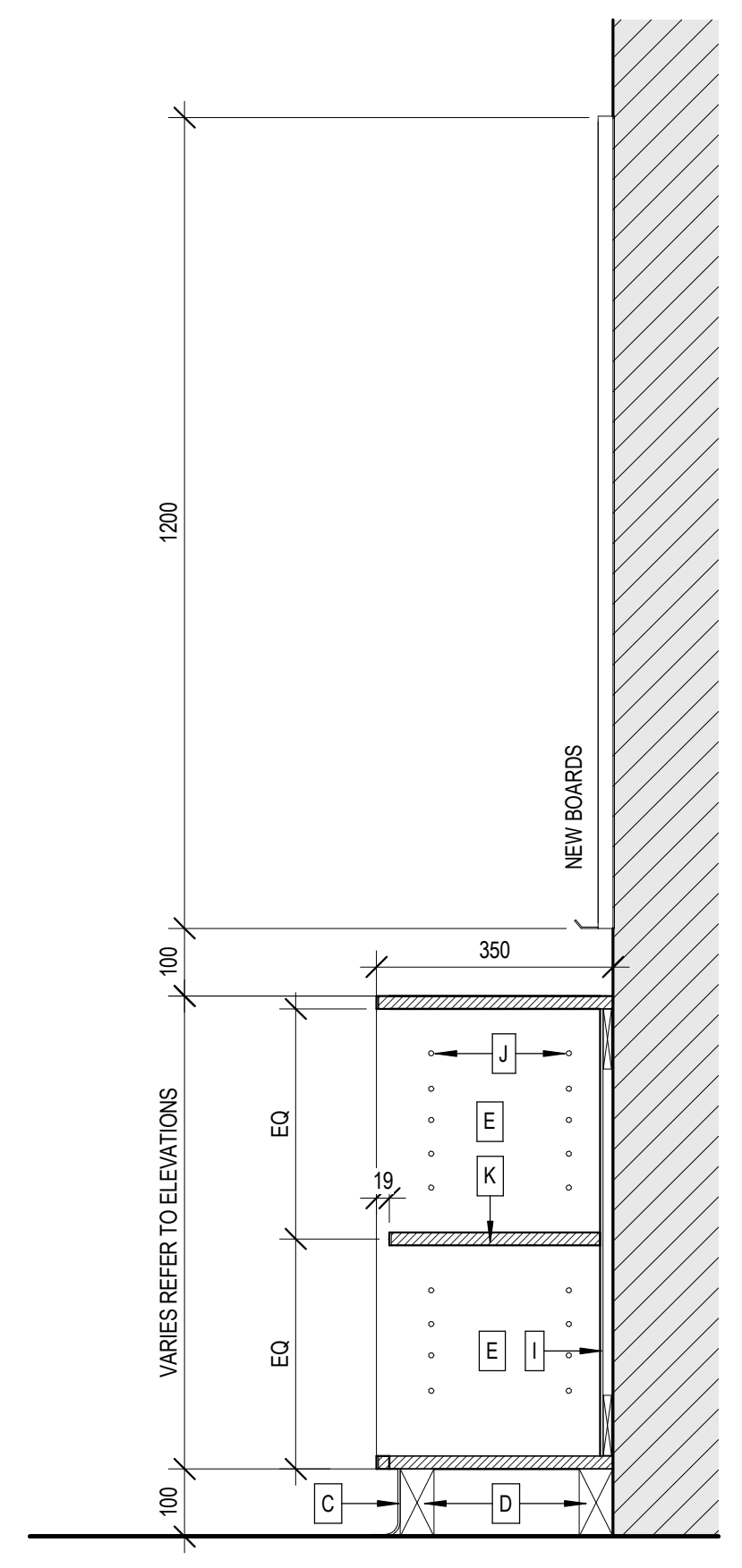
TYP. BASE DRAWERS & MICROWAVE SHELF 2
SCALE: 1:10 A2.02



TYP. BASE @ SINK & WALL CABINET 1
SCALE: 1:10 A2.01



TYP. BASE CABINET SECTION 8
SCALE: 1:10 A2.02



TYP. CLASSROOM SHELVING DETAIL 7
SCALE: 1:10 A1.05

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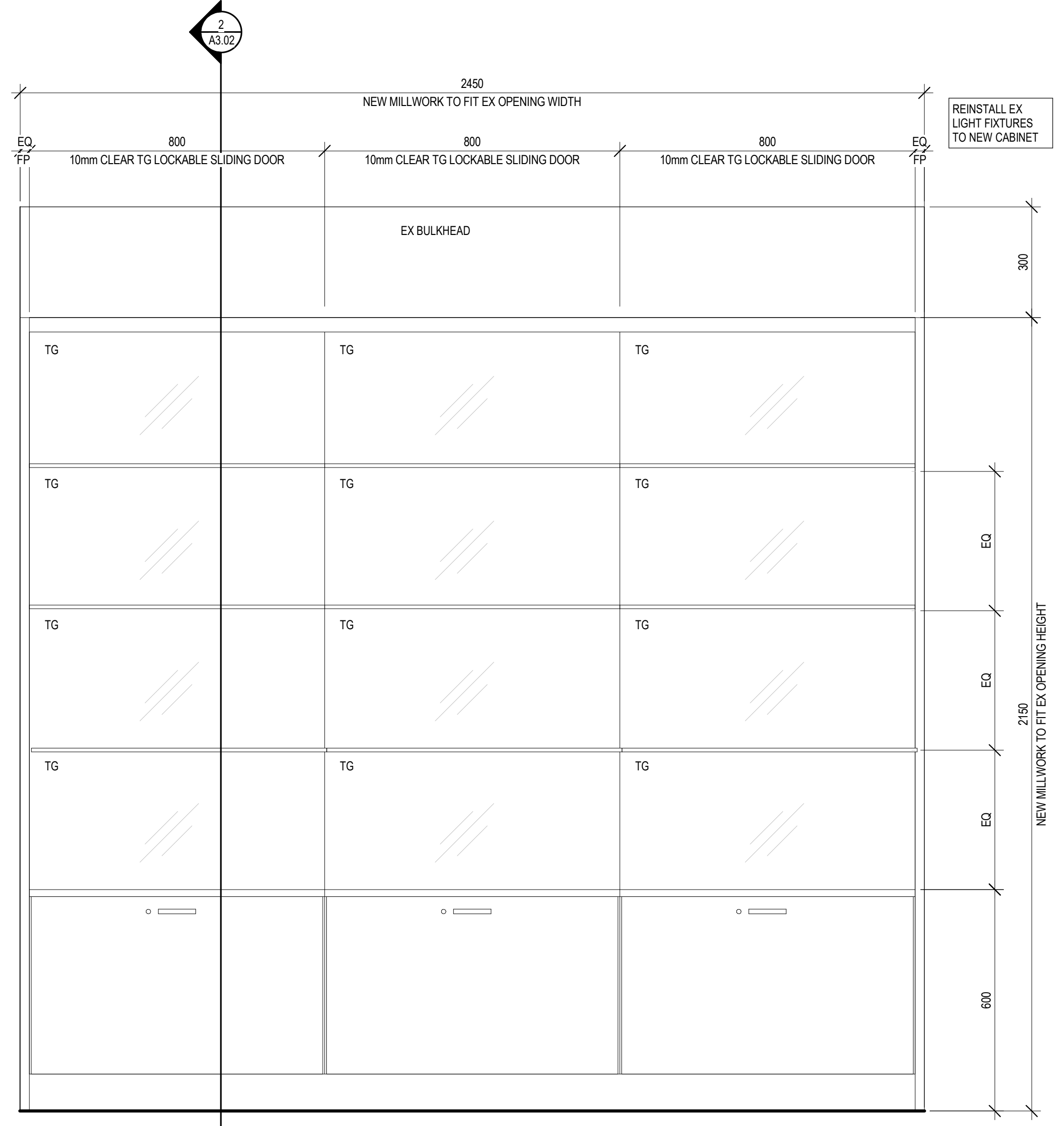
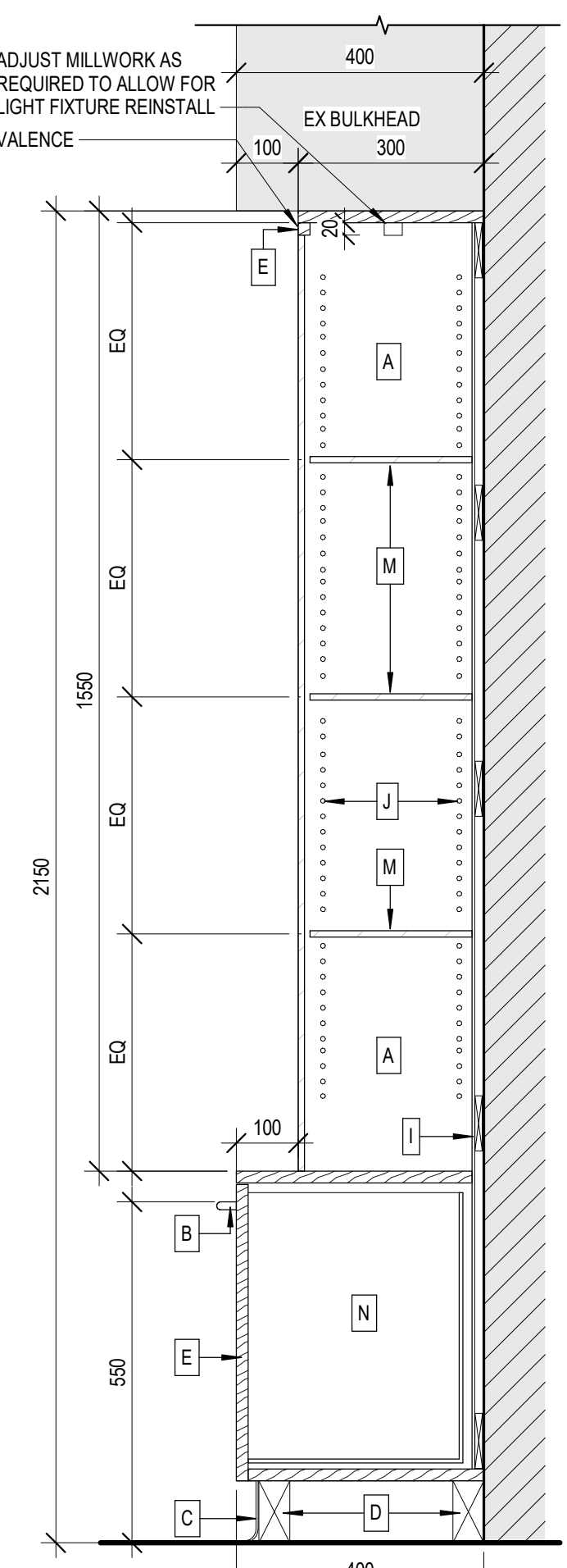
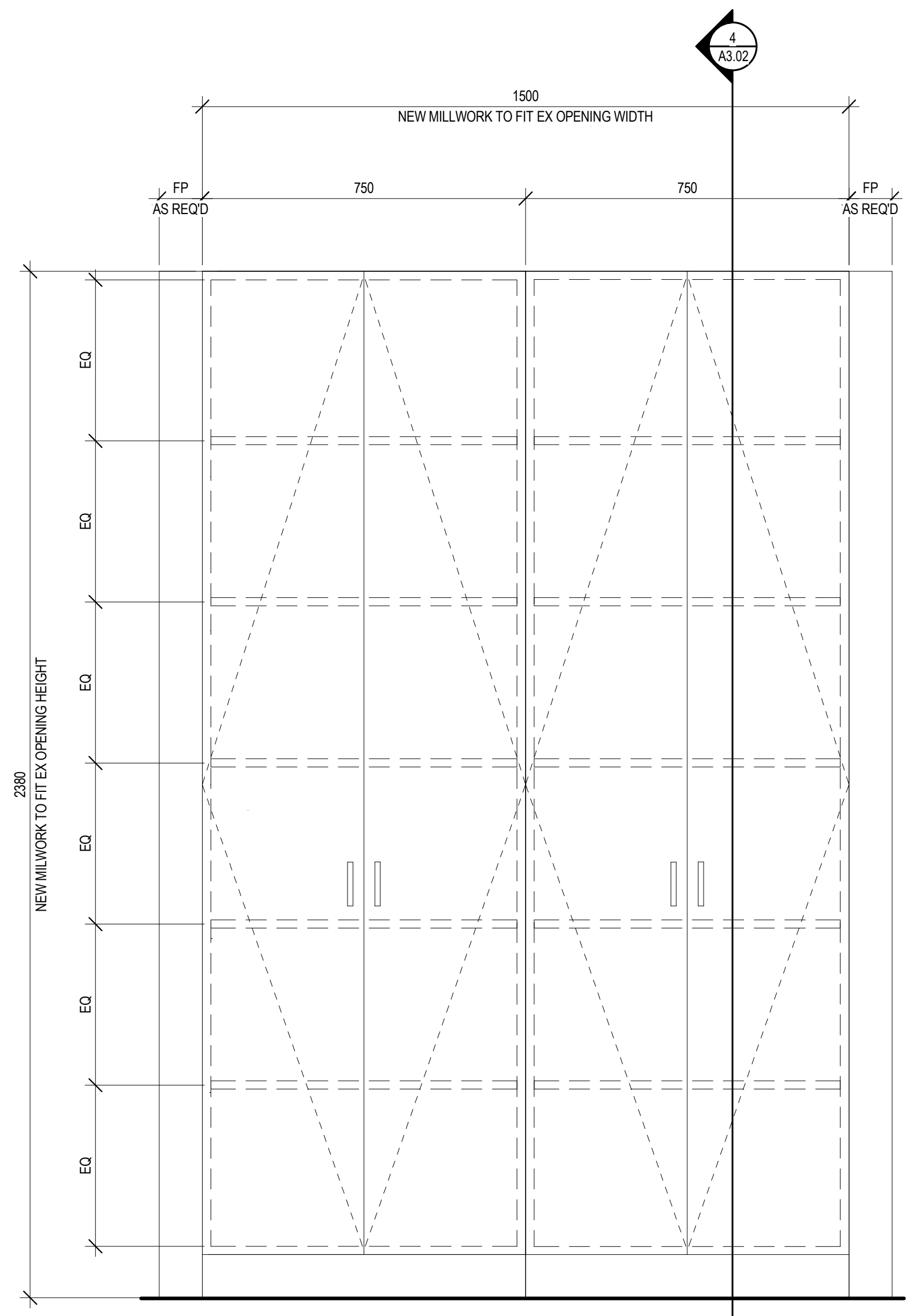
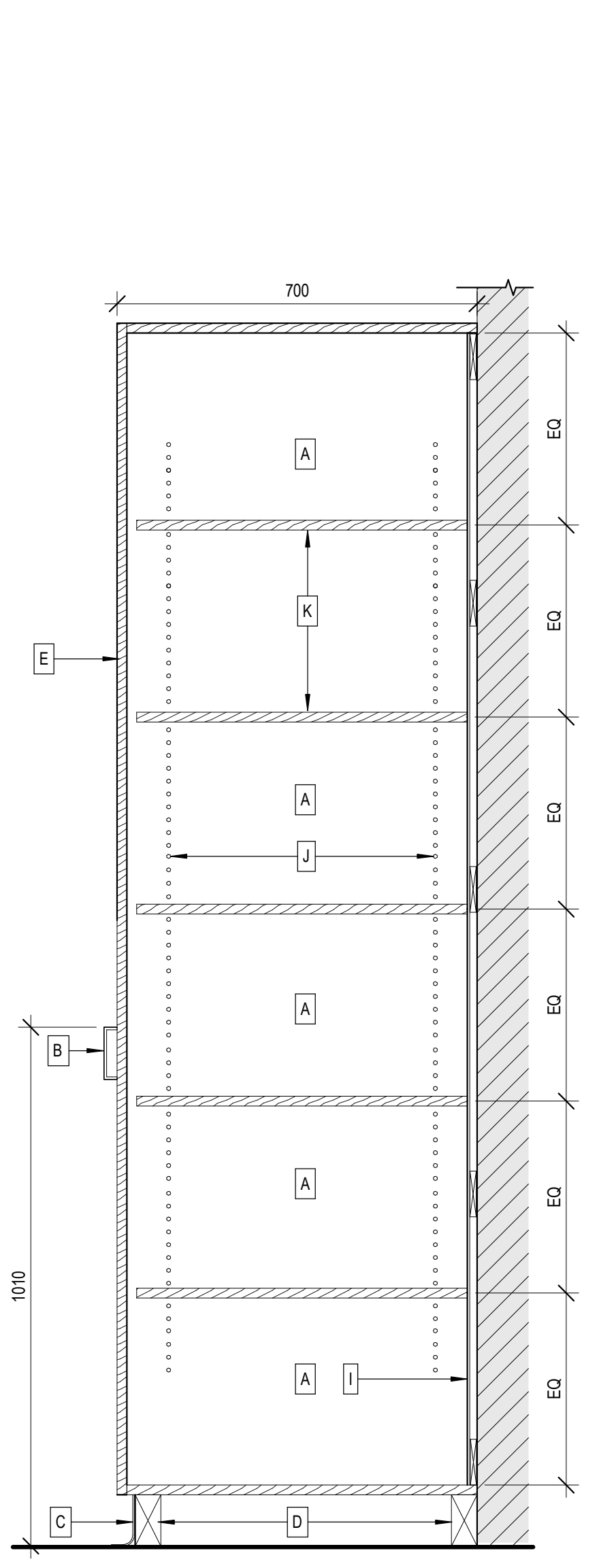
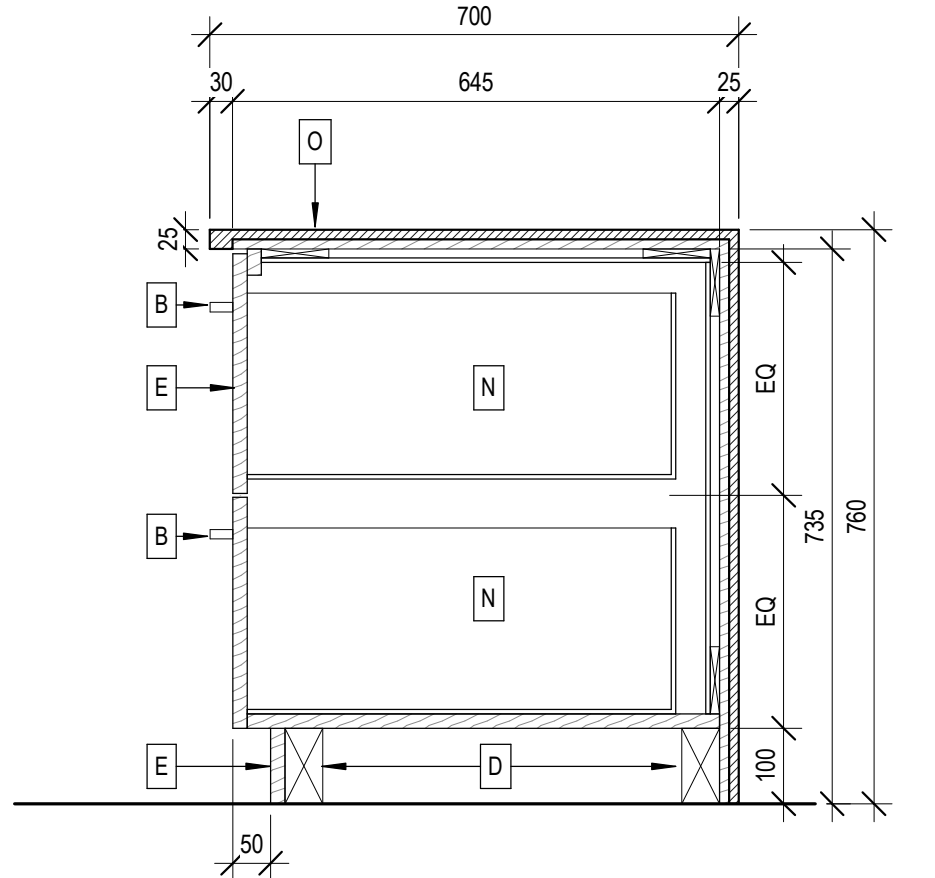
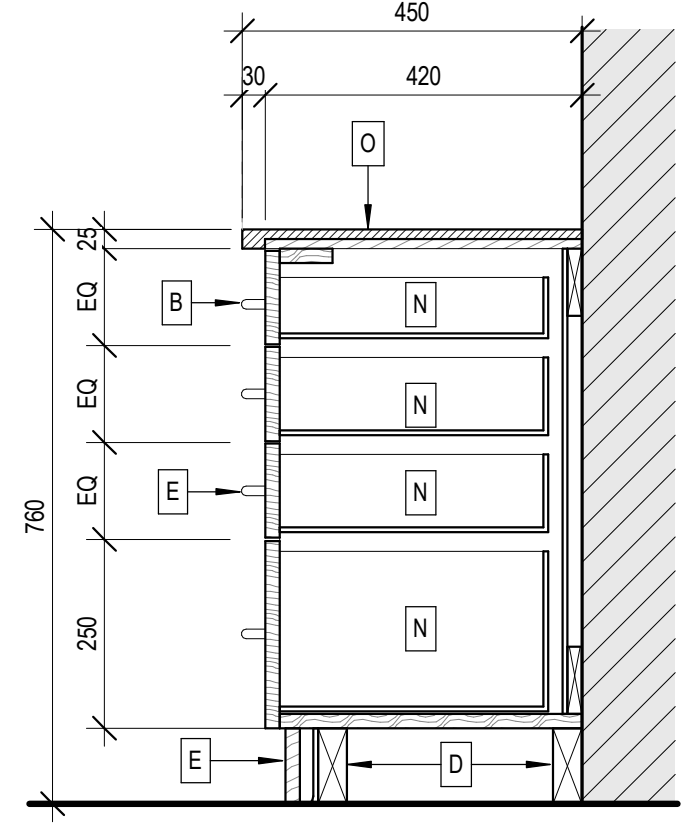
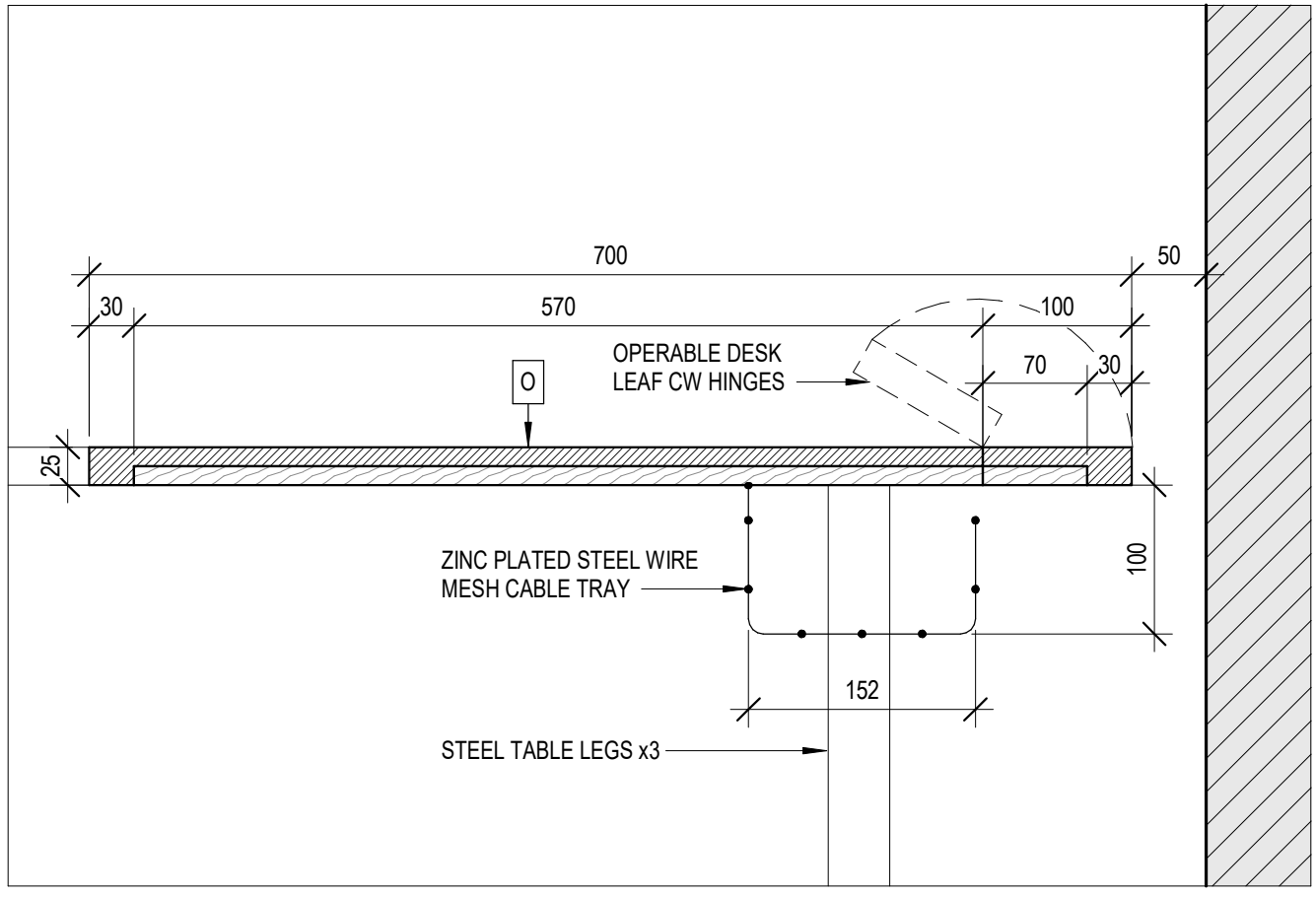
Project title:
INTERIOR RENOVATIONS & EXTERIOR DOOR REPLACEMENTS
ÉC NOTRE DAME
400 CUMBERLAND AVE.
HAMILTON, ON L8M 2A2

Drawing title:
MILLWORK SECTIONS & DETAILS

Drawn: RMC	Scale: 1:10
Date: 02/14/25	Project number: 25-01
Checked: AJ	Drawing No.:
Date: 01/2025	A3.01
	0

MILLWORK LEGEND & NOTES			
A	CONCEALED CABINET INTERIORS TO BE MELAMINE FINISH PARTICULATE BOARD THROUGHOUT C/W MATCHING TAPES EDGE-BANDING	H	STAINLESS STEEL UNDERMOUNT SINK, REFER TO SPECIFICATIONS
B	PULL HANDLE (REFER TO SPECS)	I	BACKER PANEL (6MM, TYP)
C	100 MM HIGH RUBBER BASE BOARD AS PER ROOM FINISH SCHEDULE	J	RECESSED SHELF PILASTER / CLIPS
D	WOOD SUPPORT BLOCKING (OR CABINET LEVELING LEGS) TO SUIT	K	ADJUSTABLE SHELVING
E	ALL EXPOSED CABINET BODIES TO BE PLASTIC LAMINATE FINISH BOARD C/W 3 MM MATCHING PVC EDGE-BANDING THROUGHOUT	L	FIXED METAL COAT ROD, 25mm DIA.
F	FIXED SHELF	M	10mm CLEAR TEMPERED GLASS ADJUSTABLE SHELF (4) C/W RECESSED PILASTERS AND CLIPS
G	SOLID SURFACE COUNTERTOP ON SPECIFIED CORE C/W WOOD BLOCKING AS REQUIRED, REFER TO SPECS	N	DRAWER
		O	SOLID SURFACE ON PLYWOOD CORE DESKTOP, SIDE AND BACK PANEL

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 WHERE APPLICABLE, ADJUST MILLWORK TO ACCOMMODATE EXISTING ELECTRICAL AND MECHANICAL SERVICES



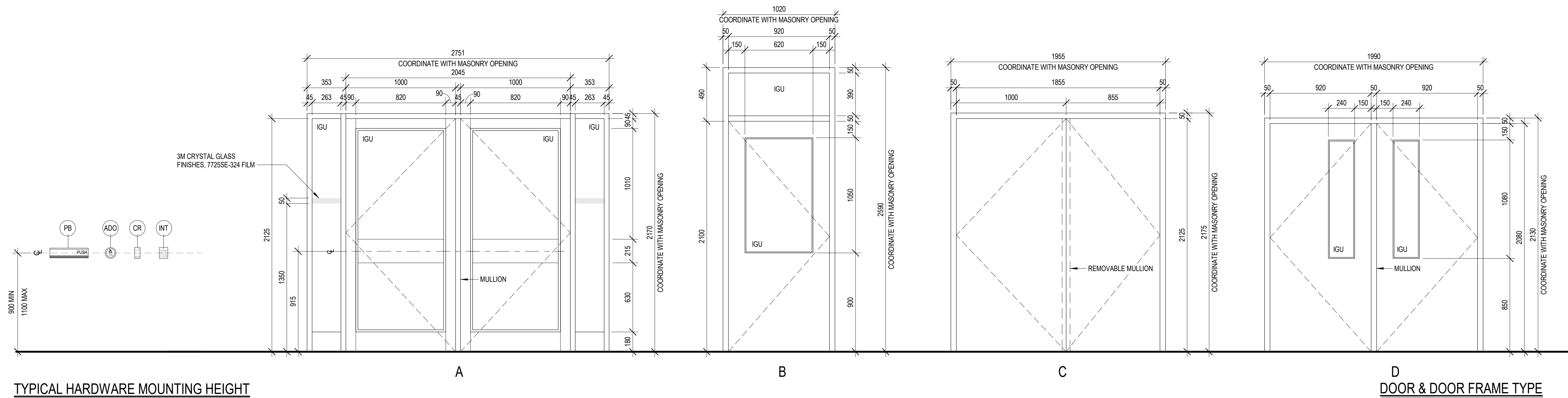
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0	ISSUED FOR PERMIT/TENDER	25/03/10
No.	DESCRIPTION	DATE



Project title:
 INTERIOR RENOVATIONS & EXTERIOR DOOR REPLACEMENTS
 ÉC NOTRE DAME
 400 CUMBERLAND AVE.
 HAMILTON, ON L8M 2A2
 Drawing title:
 MILLWORK SECTIONS & DETAILS

Drawn: RMC	Scale: As indicated
Date: 01/07/25	Project number: 25-01
Checked: AJ	Drawing No. A3.02
Date: 01/2025	0



TYPICAL HARDWARE MOUNTING HEIGHT

DOOR & DOOR FRAME TYPE

ROOM FINISH SCHEDULE							
ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING		COMMENTS
					FINISH	HEIGHT	
130	EX CLASSROOM	VCT	RB	PT	EX	3100	
133	EX STORAGE	VCT	RB	EX	EX	EX	
136	EX SECRETARY OFFICE	EX	EX	PT	EX	2500	
148	EX KITCHEN	EX	RB	PT	EX	2500	
302	EX CLASSROOM	VCT	RB	PT	EX	3100	
303	EX CLASSROOM	VCT	RB	PT	EX	3100	
305	EX CLASSROOM	VCT	RB	PT	EX	3100	
308	EX CLASSROOM	VCT	RB	PT	EX	3100	
309	EX CLASSROOM	VCT	RB	PT	EX	3100	

DOOR SCHEDULE											
TYPE	DOOR NAME	DOOR					FRAME				HARDWARE & REMARKS
		DOOR WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	MATERIAL	FINISH	GLAZING	F.F.R. (MIN)	
A	137-A	1000 / 1000	2125	57	AL	AN	AL	AN	IGU		EX CARD READER, POWER DOOR OPERATOR, BELL, (EXISTING TO BE RELOCATED)
B	113-A	920	2100	45	HM	PT	HM	PT	IGU		
C	138-A	1000 / 855	2125	45	HM	PT	HM	PT			
D	114-A	920 / 920	2080	45	HM	PT	HM	PT	IGU		EX CARD READER

SITE CONFIRM ALL SITE DIMENSIONS AND ROUGH OPENINGS AFTER EXISTING DOOR REMOVAL.

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No.	DESCRIPTION	DATE
0	ISSUED FOR PERMIT/TENDER	25/03/10

REVISIONS



Project title:
 INTERIOR RENOVATIONS & EXTERIOR DOOR REPLACEMENTS
 ÉC NOTRE DAME
 400 CUMBERLAND AVE, HAMILTON, ON L8M 2A2

Drawing title:
 SCHEDULES, DOOR & DOOR FRAME TYPE

Drawn: RMC	Scale: 1 : 20
Date: 02/26/25	Project number: 25-01
Checked: AJ	DRAWING NO. A4.01
Date: 01/2025	0

SECURITY, ACCESS CONTROL, CCTV	
[]	AREA TYPE BREAK GLASS DETECTOR
[]	SINGLE-PANE TYPE BREAK GLASS DETECTOR
••	DOOR CONTACT
[]	ROLL-UP OR OVERHEAD DOOR CONTACT
[]	MOTION DETECTOR
[]	PHOTO-ELECTRIC BEAM SOURCE
[]	PHOTO-ELECTRIC BEAM REFLECTOR
[]	SECURITY SYSTEM ALARM SIGNAL
[]	VIDEO MONITORING CAMERA
[]	POWER DOOR PUSH BUTTON OPERATOR
[]	AUTOMATIC DOOR OPENER
[]	CARD READER
[]	ELECTRIC STRIKE
[]	ELECTRIC LATCH RETRACTION
[]	ELECTRONIC KEY PAD
[]	EMERGENCY PUSH BUTTON
[]	MAGNETIC LOCK
[]	OCCUPIED LIGHT CAMDEN LED ANNUNCIATOR CM-AF-500
[]	PUSH TO RELEASE
[]	PUSH TO LOCK CAMDEN PUSHBUTTON CM-400/B
[]	REQUEST TO EXIT
[]	SCRAMBLE PAD
[]	HANDS FREE SWITCH CAMDEN SUREWAVE CM-324/3

FIRE ALARM	
[]	PHOTOELECTRIC TYPE SMOKE DETECTOR
[]	PHOTOELECTRIC TYPE SMOKE DETECTOR WITH A RELAY BASE
[]	PHOTOELECTRIC TYPE SMOKE ALARM, 120VAC WITH BATTERY BACKUP, INTERCONNECTED AS SHOWN
[]	PHOTOELECTRIC TYPE DUCT SMOKE DETECTOR
[]	RATE OF RISE AND 57°C FIXED TEMPERATURE HEAT DETECTOR
[]	92°C FIXED TEMPERATURE HEAT DETECTOR
[]	MANUAL PULL STATION
[]	ELECTRIC SUPERVISED VALVE
[]	FLOW SWITCH
[]	PRESSURE SWITCH
[]	FIRE ALARM SIGNALLING APPLIANCE – BELL
[]	FIRE ALARM SIGNALLING APPLIANCE – HORN
[]	FIRE ALARM SIGNALLING APPLIANCE – STROBE
[]	FIRE ALARM SIGNALLING APPLIANCE – COMBINATION HORN AND STROBE WALL/COLUMN MOUNT
[]	FIRE ALARM SIGNALLING APPLIANCE – COMBINATION HORN AND STROBE CEILING MOUNT
[]	FIRE ALARM DOOR RELEASE DEVICE
[]	FIRE ALARM SPEAKER – WALL/COLUMN MOUNT
[]	FIRE ALARM SPEAKER – CEILING MOUNT
[]	FIRE FIGHTERS HANDSET
[]	FIRE ALARM ANNUNCIATOR PANEL
[]	FIRE ALARM CONTROL PANEL
[]	FIRE ALARM – CARBON MONOXIDE DETECTOR
[]	FIRE ALARM – CARBON DIOXIDE DETECTOR
[]	SMOKE OR FIRE DAMPER CONNECT TO FIRE ALARM SYSTEM AND POWER

PUBLIC ADDRESS SYSTEM	
[]	CEILING MOUNTED SPEAKER
[]	WALL MOUNTED SPEAKER
[]	MICROPHONE
[]	INTERCOM
[]	VOLUME CONTROL

LEGEND	
THIS LEGEND REPRESENTS THE SYMBOLS COMMONLY USED. NOT ALL SYMBOLS MAY APPEAR ON THE DRAWINGS. SHOULD A SYMBOL BE FOUND ON THE DRAWING AND NOT APPEARING ON THE LEGEND, THE CONTRACTOR SHALL SUBMIT A QUESTION TO HAVE THE SYMBOL CLARIFIED IN AN ADDENDUM PRIOR TO SUBMITTING A BID.	
ABBREVIATIONS	
20A	DENOTES 5-20R DEVICE
AC	ABOVE COUNTER
ADO	AUTOMATIC DOOR OPENER
AE	APPROVED EQUAL
AFF	ABOVE FINISHED FLOOR
AN	FIRE ALARM ANNUNCIATOR
BED	RECEPTACLE DEDICATED FOR PATIENT BED
BH	BASEBOARD HEATER
CB	CIRCUIT BREAKER
ER	EXISTING TO BE RELOCATED
EX	EXISTING TO REMAIN
FH	FORCED-AIR HEATER
GFI	EQUIPMENT SO NOTED TO BE SUPPLIED WITH A GROUND FAULT CIRCUIT INTERRUPTER
HSKP	HOUSEKEEPING
JB	JUNCTION BOX
PD	POWER DOOR
R	RELAY WITH AUXILIARY CONTACTS
REL	RELOCATED ITEM IN NEW LOCATION
REM	EXISTING TO BE REMOVED IN ITS ENTIRETY
T	TRANSFORMER
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
W	WALL MOUNT – VERIFY HEIGHT
WP	EQUIPMENT SO NOTED TO BE SUPPLIED WITH THE MANUFACTURER'S WEATHER-PROOFING OPTION(S)
①	KEYNOTE – SEE KEYNOTE No. 3 ON DRAWINGS
③	KEYNOTE – SEE KEYNOTE No. 3 ON DRAWINGS

DEMOLITION NOTES	
1.	THE CONTRACTOR SHALL ARRANGE TO TOUR THE FACILITY WITH MAINTENANCE STAFF PRIOR TO SUBMITTING A BID ON THE PROJECT.
2.	DURING THE CONTRACTOR'S SITE TOUR THEY SHALL BECOME FAMILIAR WITH THE EXISTING BUILDING CONSTRUCTION AND THE LOCATIONS OF THE EXISTING COMMUNICATION CLOSETS, LOCAL POWER PANELS, FIRE ALARM AND OTHER SYSTEMS BEING WORKED ON AS PART OF THIS CONTRACT.
3.	THE CONTRACTOR AND MAINTENANCE STAFF SHALL OPEN EXISTING PANELS AND SYSTEMS TO BECOME FAMILIAR WITH THE EXISTING SYSTEMS AND TO DETERMINE THE FULL SCOPE OF WORK REQUIRED TO CARRY OUT THE PROJECT. THE CONTRACTOR SHALL PROVIDE NEW BREAKERS, DATA/VOICE COMPONENTS, FIRE ALARM DEVICES, LIGHTING SYSTEM COMPONENTS, ETC TO FACILITATE A COMPLETE AND FUNCTIONING SYSTEM AT PROJECT COMPLETION.
4.	THE CONTRACTOR SHALL MEASURE OFF ANY DISTANCES NOT INDICATED FOR HOME RUNNING NEW SERVICES (POWER, FIRE ALARM, SECURITY ETC) AND INCLUDE MATERIALS AND LABOUR REQUIRED IN THEIR BID PRICE.
5.	COORDINATE ALL DEMOLITION WITH GENERAL CONTRACTOR. EVERY EFFORT HAS BEEN MADE TO OUTLINE THE DEMOLITION SCOPE OF WORK. HOWEVER THE DEMOLITION DRAWINGS REPRESENT ONLY THE GENERAL LOCATION AND NUMBER OF FITTINGS, FIXTURES, DEVICES, EQUIPMENT ETC. TO ASSIST IN EVALUATING THE DEMOLITION SCOPE OF WORK. DRAWINGS ARE BASED ON PREVIOUS AS-BUILTS OR FIELD EVALUATIONS.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE DURING THE TENDER PERIOD TO DETERMINE THE EXACT SCOPE OF DEMOLITION WORK, QUANTITIES AND THOROUGHLY UNDERSTAND THE SITE CONDITIONS FOR CARRYING OUT THE SAME. REQUESTS FOR EXTRAS DUE TO FAILURE TO PROPERLY EVALUATE THE CONDITIONS THAT AFFECT DEMOLITION SCOPE OF WORK WILL NOT BE CONSIDERED.	
6.	SHOULD THE CONTRACTOR ENCOUNTER ANY ASBESTOS DURING THE WORK, THEY SHALL STOP WORK AND NOTIFY THE OWNER IMMEDIATELY.
7.	THE CONTRACTOR SHALL PATCH, REPAIR AND RESTORE FIRE-SEPARATIONS AS REQUIRED FOR INSTALLATION OF ELECTRICAL RACEWAYS AND OUTLETS IN WALLS AND EXTERIOR WALLS.
8.	THE CONTRACTOR SHALL SUBMIT QUESTIONS IN WRITING 5 DAYS PRIOR TO TENDER CLOSING TO ALLOW FOR QUESTIONS TO BE FORMALLY ANSWERED IN AN ADDENDUM.
9.	UNLESS EXISTING CIRCUITS NUMBERS ARE INDICATED ON THE DEMOLITION PLANS, ALL CIRCUITS SHOWN ON THE NEW LAYOUTS ARE NEW CIRCUITS. EXCEPTIONS TO THIS INCLUDE CIRCUITS SHOWN ON THE DEMOLITION PLAN AND AGAIN ON THE NEW LAYOUT. THE CIRCUIT SHOWN BOTH TIMES IS EXISTING AND LOCALIZED IN THE AREA OF WORK. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING FOR ALL NEW CIRCUITS: NEW CONDUIT, WIRING, BREAKERS, SUPPORTS, BACKBOXES, FACEPLATES, RECEPTACLES, ETC FOR A COMPLETE SYSTEM.
10.	EXISTING CIRCUITS BEING REUSED WILL BE INDICATED BY A CIRCUIT NUMBER (E 2A15) OR A GENERIC NUMBER (E CCT7). CCT 7 INDICATES THAT THE LIGHTING OR DEVICE IS TO BE CONNECTED TO 1 OF 7 EXISTING CIRCUITS IN THE AREA THAT HAS BECOME FREE AFTER DEMOLITION. THE CONTRACTOR SHALL BALANCE LOADS AND SHUFFLE BREAKERS AFTER THE PANEL LOADS HAVE BEEN CONNECTED TO EQUALLY LOAD EACH PHASE.
11.	WHERE EXISTING LIGHTING CIRCUITS HAVE BEEN REUSED, CONTRACTOR SHALL VERIFY EXISTING VOLTAGE OF CIRCUITS PRIOR TO SUBMITTING ANY SHOP DRAWINGS OR ORDERING OF FIXTURES, SENSORS, CONTROLS, ETC. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN FIXTURE VOLTAGE AND EXISTING CIRCUIT VOLTAGE.

GENERAL NOTES	
1.	THE ELECTRICAL DRAWINGS REPRESENT A PORTION OF THE CONTRACT. THE CONTRACTOR IS TO FAMILIARIZE THEMSELVES WITH ALL OF THE DRAWINGS IN THE PACKAGE AS SOME WORK MAY BE SHOWN ON OTHER DRAWINGS IN THE PACKAGE. CONTRACTOR IS TO DETERMINE FULL EXTENT OF PROJECT PRIOR TO SUBMITTING BID.
2.	THE DRAWINGS ARE NOT TO BE SCALED FOR INSTALLATION PURPOSES. ALL MEASUREMENTS ARE TO BE OBTAINED FROM ARCHITECTURAL PLANS, ELEVATIONS, SHOP DRAWINGS OR BE OBTAINED FROM FIELD MEASUREMENTS.
3.	CONTRACTOR IS TO REVIEW ARCHITECTURAL DRAWINGS AND PROVIDE ALL NECESSARY PARTS AND ACCESSORIES AND FIRESTOPPING AS REQUIRED TO CONFORM WITH ARCHITECTURAL FIRE RATINGS.
4.	CONTRACTOR IS TO REMOVE ALL EXISTING DEAD AND ABANDONED CONDUIT AND WIRING BACK TO SOURCE. WHERE NOT POSSIBLE TO REMOVE EXISTING CONDUIT CONDUIT IS TO BE LEFT BEHIND AND EXISTING WIRE IS TO BE REMOVED AND REPLACED WITH A PULL ROPE.
5.	CONTRACTOR IS TO PROVIDE ELECTRONIC CAD 'AS-BUILT' DRAWINGS IN DWG AND PDF FORMAT AT THE COMPLETION OF THE PROJECT. CAD FILES ARE TO BE AUTOCAD 2010.
6.	UNLESS NOTED OTHERWISE ALL WIRING SHALL BE IN CONDUIT AND CONCEALED IN WALLS AND CEILING SPACES. EX IS PERMITTED IN SPECIAL CIRCUMSTANCES AND SHORT DROPS FROM JUNCTION BOXES TO LIGHT FIXTURES. REFER TO SPECIFICATIONS. CONDUIT RUNS ARE TO BE PARALLEL TO WALL STUDS AND DROP FROM JUNCTION BOXES MOUNTED IN THE CEILING SPACE. HORIZONTAL RUNS IN WALLS WILL ONLY BE ACCEPTED UNDER SPECIAL CIRCUMSTANCES (IE OFFSET TO AVOID STRUCTURAL ABOVE) WITH WRITTEN APPROVAL FROM THE OWNER/CONSULTANT.
7.	ALL DATA/COMM WIRING FROM EACH OUTLET IS TO BE PROVIDED IN MIN. 1" (25mm) CONDUITS FROM OUTLET TO THE SOURCE (RACK AND/OR BIX BLOCK). CONTRACTOR CAN GROUP CABLING AND INSTALL A LARGER RUN BACK TO THE SOURCE. WHERE CABLE IS PERMITTED TO RUN FREE-AIR, A CONDUIT SHALL BE INSTALLED FROM THE OUTLET INTO AN ACCESSIBLE CEILING SPACE. PROVIDE BUSHINGS AT TOP OF WALL AND TRANSITION TO J-hooks (WITHIN ROOM) OR CABLE TRAY (AT CORRIDOR). CABLE IS NOT PERMITTED TO BE LAYING ON CEILING. COMM WIRING SHALL BE IN CONDUIT FOR ALL EXPOSED AREAS. FREE AIR COMM WIRING TRANSITIONING FROM ACCESSIBLE CEILING TO EXPOSED CEILING SHALL BE IN CONDUIT THROUGHOUT THE EXPOSED AREA. PROVIDE 12" (300mm) STUBS INTO THE EXPOSED AREAS WITH BUSHINGS. CONDUIT SHALL NOT EXCEED 40% FILL.
8.	UNLESS SPECIFICALLY NOTED AS "CABLING BY OTHERS" THE CONTRACTOR SHALL INCLUDE FOR ALL CABLING TO DEVICES, OUTLETS, ETC AS SHOWN FOR A COMPLETE AND FUNCTIONING SYSTEM(S).
9.	CONTRACTOR IS TO MAINTAIN POWER AND COMMUNICATION CIRCUITS IN AREAS OUTSIDE OF THE CONSTRUCTION AREA. PROVIDE TEMPORARY CONNECTIONS AS REQUIRED. COORDINATE WITH OWNER.
10.	EQUIPMENT BEING REMOVED AND NOT BEING REUSED REMAIN THE PROPERTY OF THE OWNER AND IS TO BE STORED ON SITE. ANY EQUIPMENT THE OWNER DEEMS NO INTEREST IN IS TO BE DISPOSED OF IN A LAWFUL AND SAFE MANNER BY THIS TRADE.
11.	CONTRACTOR IS TO REFER TO ARCHITECTURAL PLANS AND CEILING LAYOUTS TO VERIFY THAT NO INTERFERENCES EXIST PRIOR TO THE INSTALLATION OF FIXTURES AND DEVICES IN WALLS AND CEILINGS.

DRAWING LIST	
E000	GENERAL NOTES, DRAWING LIST, LEGEND AND FIXTURE SCHEDULE
E050	ELECTRICAL SPECIFICATIONS
E100	SITE PLAN
E200	DOORS D001 & D002 PROPOSED PLANS
E201	DOORS D003 & D004 PROPOSED PLANS

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Notes:			
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No	Revision	Date	By



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Project
ÈÈC NOTRE DAME
INTERIOR AND EXTERIOR
DOOR RENOVATIONS
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Title			
GENERAL NOTES, DRAWING LIST, LEGEND AND FIXTURE SCHEDULE			
Drawn By: KM	Designed By: KS	Approved By: KS	Date: MARCH 2025
Project No. 25-037	Scale NTS		
Drawing No. E000	Sheet 1 of 5	Revision 0	

1. GENERAL
- 1.1. THIS SPECIFICATION SHALL APPLY TO AND GOVERN ALL WORK OF DIVISION 16. THE ELECTRICAL CONTRACTOR SHALL BE A SUBCONTRACTOR TO THE GENERAL CONTRACTOR AND HIS BID SHALL BE TENDERED DIRECTLY TO THE GENERAL CONTRACTOR. THE CONTRACTOR SHALL SUPPLY, INSTALL, WIRE AND CONNECT ALL EQUIPMENT, ACCESSORIES, DEVICES ETC SHOWN UNLESS SPECIFICALLY NOTED OTHERWISE. SHOULD THE CONTRACTOR BE UNSURE, THEY ARE TO SUBMIT A QUESTION 3 WORKING DAYS PRIOR TO TENDER CLOSE TO HAVE AN ADDENDUM ISSUED TO CLARIFY THE DEVICE, EQUIPMENT OR WORK SCOPE IN QUESTION.
- 1.2. IT IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN ALL DRAWINGS AND SPECIFICATIONS PRIOR TO TENDER SUBMITTAL. NUMERICAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS. ANY DISCREPANCIES BETWEEN THESE SPECIFICATIONS AND THE DRAWINGS THAT CAUSES DOUBT AS TO THE TRUE MEANING OR INTENT OF THE DRAWINGS AND SPECIFICATIONS, A RULING SHALL BE OBTAINED FROM THE ENGINEER PRIOR TO TENDER SUBMITTAL. NO ALLOWANCE WILL BE MADE FOR FAILURE TO DO SO. IF CLARIFICATION CAN NOT BE OBTAINED IN TIME, THE CONTRACTOR SHALL INCLUDE FOR THE MORE COSTLY INSTALLATION IN THEIR BID.
- 1.3. LIABILITY INSURANCE: OBTAIN AND CARRY PROPER INSURANCE TO FULLY PROTECT BOTH THE OWNER AND HIMSELF FROM ANY AND ALL CLAIMS DUE TO ACCIDENTS, MISFORTUNES, ACTS OF GOD, ETC.
- 1.4. CODES, PERMITS AND INSPECTION
- 1.4.1. BE RESPONSIBLE FOR AND OBTAIN ALL PERMITS, INSPECTION, ETC., AS REQUIRED BY ALL AUTHORITIES HAVING JURISDICTION OVER THIS WORK AND PAY FOR ALL FEES RELATED TO SAME.
- 1.4.2. DELIVER ALL PERMITS TO THE ENGINEER AS SOON AS THEY BECOME AVAILABLE.
- 1.5. CLOSE OUT DOCUMENTS AND AS-BUILT DRAWINGS:
- 1.5.1. THE CONTRACTOR SHALL SUBMIT AN ENQUIRY TO THE ARCHITECT/OWNER TO OBTAIN THE FINAL ROOM NAMES AND NUMBERS TO BE USED IN ALL THE CLOSE OUT DOCUMENTS, REPORTS, FIRE ALARM/NURSE CALL PROGRAMMING, PANEL SCHEDULES ETC. FAILURE TO USE THE FINAL NAMES AND NUMBERS WILL REQUIRE THE CONTRACTOR TO REPLACE DOCUMENTATION/REPROGRAM AS REQUIRED AT THEIR EXPENSE. THEY SHALL KEEP A SEPARATE SET OF WHITE PRINTS ON THE SITE AND NOTE ALL CHANGES AND DEVIATIONS FROM THE ORIGINAL DESIGN DEVICES ETC NOTED AS "EX" (EXISTING) AND "REL" RELOCATED ARE TO HAVE THE CIRCUIT TRACED AND DESIGNATED ON THE DRAWINGS. DEVICES ETC DESIGNATED AS CONNECT TO EXISTING CIRCUIT IN ARE ARE TO HAVE THE CIRCUIT INDICATED ON THE PLANS. PROVIDE AS-BUILT DRAWINGS IN AUTOCAD FORMAT (MIN. RELEASE 2010), PDF FORMAT AND (2) TWO SETS OF THESE PLANS SHOWING ALL AS-BUILT CONDITIONS TO THE OWNER AT THE COMPLETION OF THIS CONTRACT AND BEFORE APPLYING FOR FINAL PAYMENT. (INCLUDE IN-SLAB CONDUIT RUNS). SHOULD NO MARKUPS BE REQUIRED TENDER AND/OR SEALED PLANS BY THE ENGINEER WILL NOT BE ACCEPTED.
- 1.5.2. CLOSE OUT BINDERS SHALL BE PROVIDED WITH ALL TEST RESULTS, WARRANTY LETTERS AND SHOP DRAWINGS. A PDF COPY SHALL BE PROVIDED ALONG WITH THE HARD COPY VERSIONS. PDF VERSION SHALL BE ASSEMBLED VERSIONS WHERE POSSIBLE. SHOULD A DOCUMENT REQUIRE SCANNING, IT SHALL BE PROVIDED IN HIGH RESOLUTION AND BE CLEARLY LEGIBLE. ILLEGIBLE DOCUMENTS WILL NOT BE ACCEPTED.
- 1.6. CODES AND STANDARDS: (CURRENT EDITIONS)
- 1.6.1. DO COMPLETE INSTALLATION IN ACCORDANCE WITH C.S.A. C22.1 EXCEPT WHERE SPECIFIED OTHERWISE.
- 1.6.2. COMPLY WITH C.S.A. ELECTRICAL BULLETINS IN FORCE AT TIME OF TENDER SUBMISSION, WHILE NOT IDENTIFIED AND SPECIFIED BY NUMBER IN THIS DIVISION, ARE TO BE CONSIDERED AS FORMING PART OF RELATED C.S.A. PART II STANDARD.
- 1.6.3. DO OVERHEAD AND UNDERGROUND SYSTEMS IN ACCORDANCE WITH C.S.A. C22.3 NO. 1 EXCEPT WHERE SPECIFIED OTHERWISE.
- 1.6.4. ABBREVIATIONS FOR ELECTRICAL TERMS: TO C.S.A. Z85.
- 1.6.5. COMPLY ALSO WITH THE FOLLOWING CODES:
- 1.6.5.1. ONTARIO ELECTRICAL SAFETY CODE
- 1.6.5.2. NATIONAL BUILDING CODE
- 1.6.5.3. ONTARIO BUILDING CODE
- 1.6.5.4. LOCAL HYDRO UTILITY REQUIREMENTS
- 1.6.5.5. CAN/ULC S524, S537 AND S1001
- 1.7. VISITING THE SITE: VISIT THE SITE OF THE PROJECT AND BECOME FAMILIAR WITH THE SITE CONDITIONS. REPORT ANY DEVIATION AND/OR CONFLICTS BETWEEN TENDER DOCUMENTS AND SITE CONDITIONS PRIOR TO SUBMITTING TENDER.
- 1.8. LOCATION OF OUTLETS: CHANGE LOCATION OF OUTLETS, EQUIPMENT AT 3m EXTRA COST OR CREDIT, PROVIDING DISTANCE DOES NOT EXCEED 10'-0" (3m) AND INFORMATION IS GIVEN BEFORE INSTALLATION.
- 1.9. CUTTING AND PATCHING: PROVIDE ALL CUTTING, PATCHING AND PAINTING FOR ELECTRICAL WORK, UNLESS NOTED OTHERWISE.
- 1.10. EQUIPMENT AND MATERIAL: ALL EQUIPMENT AND MATERIAL, UNLESS SPECIFICALLY NOTED OTHERWISE, SHALL BE NEW AND WITHOUT BLEMISH OR DEFECT. ALL MATERIAL AND EQUIPMENT SHALL BEAR U.L.C. OR C.S.A. LABELS.
- 1.11. WARRANTY: WARRANT ALL WORK AND APPARATUS INSTALLED UNDER THIS CONTRACT FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE OF SAME BY THE OWNER.
- 1.12. MAINTENANCE OF SERVICE: PROVIDE ALL LABOUR AND MATERIALS NECESSARY TO ENSURE THAT LIGHTING AND ALL OTHER MISCELLANEOUS ELECTRICAL SERVICES ARE MAINTAINED IN FULL OPERATING CONDITION, IN ALL AREAS OF THE EXISTING BUILDING, DURING THE CONSTRUCTION PERIOD. DISCONNECT, MOVE, RELOCATE, AND RECONNECT CONDUIT AND WIRING AS NECESSARY TO ACCOMMODATE THE NEW WORK AND MECHANICAL INSTALLATION.
- 1.13. CLEANING
- 1.13.1. DO FINAL CLEANING.
- 1.13.2. AT TIME OF FINAL CLEANING, CLEAN EQUIPMENT SURFACES THAT HAVE BEEN EXPOSED TO CONSTRUCTION DUST AND DIRT.
- 1.13.3. VACUUM INSIDE OF ALL PANEL BOARDS, ETC., ON COMPLETION OF THE PROJECT.
- 1.14. SHOP DRAWINGS, PRODUCT DATA AND SAMPLES
- 1.14.1. SUBMIT SHOP DRAWINGS, PRODUCT DATA AND/OR SAMPLES FOR ALL EQUIPMENT, POWER DISTRIBUTION, POWER DEVICES, COMMUNICATIONS DEVICES, RACEWAY, LIGHT FIXTURES, EMERGENCY LIGHTING, ETC. THE DRAWINGS ARE TO BE REVIEWED AND STAMPED BY BOTH THE GENERAL AND ELECTRICAL CONTRACTOR PRIOR TO SUBMITTAL.
- 1.14.2. SHOP DRAWINGS SHALL INCLUDE ALL RELEVANT ACCESSORIES AND LAYOUTS WHERE REQUESTED.
- 1.14.3. SHOP DRAWINGS THAT ARE ILLEGIBLE AND OF POOR QUALITY WILL BE REJECTED.
- 1.14.4. SHOP DRAWINGS WILL BE REVIEWED AND RETURN MARKED "REVIEWED", "REVIEWED AS MODIFIED" OR "REVISE AND RESUBMIT". THE DRAWING REVIEW DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ITS ACCURACY OR FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS.
- 1.14.5. INSTALLATION OF ANY EQUIPMENT SHALL NOT START UNTIL AFTER FINAL REVIEW OF SHOP DRAWINGS BY THE CONSULTANT HAS BEEN OBTAINED.
- 1.14.6. INCOMPLETE OR INCORRECT SHOP DRAWINGS THAT ARE REJECTED, WHICH ADVERSELY CAUSE OR RESULT IN ANY DELAY OF THE DELIVER SCHEDULE OF ANY EQUIPMENT SHALL BE THE CONTRACTORS RESPONSIBILITY.
- 1.14.7. IF INCORRECT SHOP DRAWINGS ARE SUBMITTED AND REJECTED ANY SUBSEQUENT DELIVERY DELAY WILL RESULT IN THE CONTRACTOR PROVIDING TEMPORARY FACILITIES UNTIL SAID EQUIPMENT IS DELIVERED AND INSTALLED AT NO EXTRA COST TO THE OWNER.
- 1.14.8. PROVIDE SPACE FOR SHOP DRAWING REVIEW STAMPS FOR THE CONTRACTOR AND CONSULTANT. THIS SPACE SHALL BE CLEAR OF ALL TECHNICAL INFORMATION AND SHALL NOT BE ON THE BACK OF ANY SHEETS.
- 1.14.9. SUBMIT SHOP DRAWINGS IN DIGITAL (PDF) FORMAT.
- 1.14.10. ONE (1) ORIGINAL COPY IN DIGITAL FORMAT (PDF) FILE WILL BE RETURNED. ALL COPIES REQUIRED BY TRADES, SUPPLIERS OR OTHER CONSULTANTS WILL BE PROVIDED AND/OR PRINTED BY THE CONTRACTOR.
- 1.14.11. FAILURE TO SUBMIT SHOP DRAWINGS WILL NOT RELIEVE THIS CONTRACTOR FROM ENSURING THAT ALL INSTALLED EQUIPMENT MEETS THE INTEND OF DESIGN DOCUMENTS. ALL COSTS ASSOCIATED WITH ANY ISSUES ASSOCIATED WITH ALTERNATE OR NOT SUBMITTED EQUIPMENT WILL BE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR.
- 1.14.12. SHOP DRAWING SUBMITTAL SHALL BE (BUT NOT LIMITED TO) FOR ANY EQUIPMENT AS LISTED:
- 1.14.12.1. HIGH VOLTAGE EQUIPMENT
- 1.14.12.2. SWITCHBOARD, METER CENTERS, PANEL BOARDS
- 1.14.12.3. FIRE ALARM SYSTEMS
- 1.14.12.4. LUMINAIRES INCLUDING LAMPS AND BALLASTS
- 1.14.12.5. LIGHTING CONTROLS
- 1.14.12.6. EMERGENCY BATTERY UNITS AND FIXTURES
- 1.14.12.7. ELECTRICAL HEATERS
- 1.14.12.8. SECURITY SYSTEM
- 1.14.12.9. MASTER CLOCK AND PROGRAM
- 1.14.12.10. INTERCOM SYSTEM
- 1.14.12.11. PUBLIC ADDRESS SYSTEM
- 1.14.12.12. MILLWORK
- 1.14.12.13. DEVICES
- 1.15. DRAW BREAKDOWNS:
- 1.15.1. THIS CONTRACTOR MUST SUBMIT A BREAKDOWN OF THE TENDER PRICE INTO SEPARATE CLASSIFICATION TO THE SATISFACTION OF THE CONSULTANT AND TOTALING THE TOTAL CONTRACT AMOUNT. EACH ITEM IS TO BE BROKEN INTO MATERIAL AND LABOUR COSTS.
- 1.15.2. PROGRESS DRAWS, WHEN SUBMITTED, ARE TO BE ITEMIZED AGAINST EACH OF THE DRAW BREAKDOWNS AND SHALL BE IN TABLE FORM IDENTIFYING CONTRACT AMOUNT, AMOUNT OF THIS DRAW, TOTAL TO DATE, PERCENTAGE COMPLETE AND BALANCE.
- 1.15.3. BREAKDOWN SHALL FOLLOW, BUT NOT BE LIMITED TO:
- 1.15.3.1. PERMITS AND FEE
- 1.15.3.2. MOBILIZATION
- 1.15.3.3. DEMOLITION
- 1.15.3.4. DISTRIBUTION EQUIPMENT (IE. SWITCHBOARDS, PANELBOARDS, ETC.)
- 1.15.3.5. INCOMING FEEDERS AND CONDUITS
- 1.15.3.6. BRANCH WRING CONDUITS
- 1.15.3.7. BRANCH WRING
- 1.15.3.8. MECHANICAL EQUIPMENT WRING
- 1.15.3.9. FIRE ALARM DEVICES
- 1.15.3.10. FIRE ALARM WRING
- 1.15.3.11. FIRE ALARM VERIFICATION AND CERTIFICATION
- 1.15.3.12. EXIT AND EMERGENCY LIGHTING
- 1.15.3.13. LIGHTING
- 1.15.3.14. LIGHTING CONTROLS
- 1.15.3.15. VOICE AND COMMUNICATION CONDUITS
- 1.15.3.16. VOICE AND COMMUNICATION WRING AND TERMINATIONS
- 1.15.3.17. ACCESS CONTROL AND SECURITY
- 1.15.3.18. MISCELLANEOUS AND SPECIALTY EQUIPMENT (IE. PUBLIC ADDRESS, SOUND, ETC.)
- 1.15.4. ABOVE BREAKDOWN MUST BE APPROVED BY THE CONSULTANT PRIOR TO SUBMISSION OF THE FIRST DRAW. MOBILIZATION AMOUNT MAY ONLY BE DRAWN WHEN ALL REQUIRED SHOP DRAWINGS HAVE BEEN REVIEWED BY THE CONSULTANT.
- 1.16. REVISIONS TO CONTRACT:
- 1.16.1. PROVIDE ITEMIZED LISTS OF MATERIALS/ASSOCIATED COSTS, LABOUR RATE/LABOUR FOR EACH ITEM, COPY OF MANUFACTURERS INVOICE, IF REQUESTED, FOR EACH ITEM GIVEN CHANGE NOTICE.
- 1.17. ROOF AND WALL OPENINGS:
- 1.17.1. LOCATION OF CONDUITS PASSING THROUGH ROOF AND WALLS TO BE COORDINATED WITH DIVISION 15. ALL OPENINGS TO BE MADE WATER TIGHT.
- 1.18. SCHEDULE OF CONSTRUCTION:
- 1.18.1. CONSULT GENERAL DIVISION FOR SCHEDULE OF CONSTRUCTION BEFORE COMMENCING WORK AND COORDINATE DETAILS WITH ENGINEER, OWNER AND ALL TRADES DURING CONSTRUCTION.
- 1.19. DIRECTORIES AND LABELLING:
- 1.19.1. IDENTIFY ALL ELECTRICAL EQUIPMENT. IDENTIFICATION SHALL CONSIST OF ENGRAVED LAMACOD NAMEPLATES HAVING BLACK BACKGROUND WITH WHITE LETTERS. FASTEN NAMEPLATES TO DEVICE USING SELF-TAPPING, COUNTERSUNK SCREWS. TAPE-TYPE NAMEPLATES WILL NOT BE ACCEPTED.
- 1.19.2. ALL RECEPTACLE COVER PLATES SHALL BE LABELED WITH TAPE-TYPE NAMEPLATES. THE LABEL SHALL INDICATE THE PANEL DESIGNATION AND CIRCUIT NUMBER. (IE A19). TAPE SHALL BE NEATLY TRIMMED ON EACH END AND PLACED PLUMB AND LEVEL ON THE FACE PLATE. LABELS SHALL HAVE A NEAT, CLEAN AND PROFESSIONAL APPEARANCE. LABELS NOT TRIMMED OR POORLY POSITIONED WILL NOT BE ACCEPTED.
- 1.19.3. ALL PANELS WITH CIRCUITS ADDED OR REMOVED SHALL HAVE NEW COMPUTER GENERATED PANEL SCHEDULES PLACED IN THEM. SCHEDULE SHALL INDICATE PANEL DESIGNATION, WHERE PANEL IS FED FROM, VOLTAGE, PHASE, BRANCH CIRCUIT NUMBERS, BREAKER AMPERAGE AND CIRCUIT DESCRIPTION.
2. FASTENINGS AND SUPPORTS
- 2.4.1. SUPPORT EQUIPMENT, CONDUIT OR CABLES USING CLIPS, SPRING-LOADED BOLTS, CABLE CLAMPS DESIGNED AS ACCESSORIES TO BASIC CHANNEL MEMBERS.
- 2.4.2. INSTALL FASTENINGS AND SUPPORTS AS REQUIRED FOR EACH TYPE OF EQUIPMENT, CABLES AND CONDUIT AND IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION.
- 2.5. CONDUITS
- 2.5.1. RIGID, GALVANIZED STEEL THREADED CONDUIT TO C.S.A. C22.2, NO. 45, SIZE AS INDICATED.
- 2.5.2. ELECTRICAL METALLIC TUBING (EMT) WITH COUPLINGS AND EXPANDED ENDS AS REQUIRED, TO C.S.A. C22.2, NO. 83, SIZE AS INDICATED.
- 2.5.3. RIGID PVC (UNPLASTICIZED) CONDUIT FOR EXPOSED, ABOVE GROUND WORK, TO C.S.A. C22.2, NO. 211.2, SIZE AS INDICATED. FLEXIBLE PVC IS NOT PERMITTED.
- 2.5.4. FLEXIBLE METAL CONDUIT AND LIQUID-TIGHT FLEXIBLE METAL CONDUIT TO C.S.A. C22.2, NO. 56.
- 2.5.5. EMT CONDUIT FITTINGS, IE. CONNECTORS, COUPLINGS, TO C.S.A. C22.2, NO. 18, ZINC-PLATED STEEL/MALLEABLE IRON CONSTRUCTION. ALL CONNECTIONS AND COUPLINGS TO BE SET SCREW TYPE, IE. CONCRETE TIGHT.
- 2.5.6. CONDUIT SIZES SHALL BE A MINIMUM OF 3/4" AND CONFORM TO ELECTRICAL SAFETY CODE. WHERE SIZES ARE INDICATED AND THEY EXCEED CODE, THEY SHALL NOT BE REDUCED.
- 2.5.7. USE RIGID, GALVANIZED STEEL, THREADED CONDUIT WHERE CONDUIT IS SUBJECT TO MECHANICAL INJURY.
- 2.5.8. RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES.
- 2.5.9. USE EMT FOR ALL WRING FROM OUTLET BOX TO SOURCE.
- 2.5.10. INSTALL NYLON FISH WIRE IN EMPTY CONDUITS AND TERMINATE UNDER SCREW LEAVING 12' SLACK. TAG FISH WIRE IDENTIFYING SYSTEM.
- 2.5.11. DO NOT LOCATE CONDUITS LESS THAN 3" (75 MM) PARALLEL TO STEAM OR HOT WATER LINES WITH A MINIMUM OF 1" (25 MM) AT CROSS-OVERS.
- 2.5.12. IN-SLAB CONDUIT: LOCATE TO SUIT REINFORCING STEEL. INSTALL IN CENTRE 1/2 OF SLAB.
- 2.5.13. PROVIDE AND INSTALL 4-38mm (4 1-1/2") SPARE CONDUITS UP TO CEILING SPACE FROM EACH FLUSH MOUNTED ELECTRICAL PANEL. TERMINATE IN 300mm X 300mm (12"x12") JUNCTION BOXES IN ACCESSIBLE CEILING SPACE.
- 2.6. JUNCTION AND PULL BOXES
- 2.6.1. WELDED STEEL CONSTRUCTION WIRE SCREW-ON FLAT COVERS FOR SURFACE MOUNTING.
- 2.6.2. COVERS WITH 1" (25 MM) MINIMUM EXTENSION ALL AROUND, FOR FLUSH-REINFORCED PULL AND JUNCTION BOXES.
- 2.6.3. INSTALL PULL BOXES IN CONDUIT RUNS SO AS NOT TO EXCEED 30 M OF CONDUIT RUN OR THE EQUIVALENT OF TWO (2) 90° BENDS BETWEEN PULL BOXES.
- 2.7. OUTLET AND CONDUIT BOXES:
- 2.7.1. ALL LIGHTING FIXTURES, RECEPTACLES AND OTHER WIRING DEVICES FOR ANY CONDUIT SYSTEM SHOWN SHALL BE PROVIDED WITH AN OUTLET BOX.
- 2.7.2. 4" (102 MM) OCTAGON OR SQUARE OUTLET BOXES OR LARGER, COMPLETE WITH FITTINGS FOR LIGHTING FIXTURES AND AS REQUIRED FOR SPECIAL DEVICES.
- 2.7.3. WALL OUTLET BOXES SHALL BE:
- 2.7.3.1. NO. 1104 SERIES, FLUSH MOUNTED IN DRYWALL PARTITIONS, U.N.O.
- 2.7.3.2. MBS SERIES MASONRY BOXES (GALVANIZED STEEL) FLUSH MOUNTED IN MASONRY WALLS (BLOCK WALLS).
- 2.7.3.3. GANG BOXES SHALL BE USED AT LOCATIONS WHERE DEVICES ARE GROUPED. PROVIDE BARRIERS AS REQUIRED.
- 2.7.3.4. BLANK COVER PLATES FOR BOXES WITHOUT WIRING DEVICES.
- 2.8. OCCUPANTS, WIRE AND CABLING SHALL BE IN CONDUIT UNLESS SPECIFICALLY NOTED OTHERWISE.
- 2.8.1. "PROVIDE" AND ALL TENSES OF "PROVIDE" SUPPLY, INSTALL, WIRE AND CONNECT COMPLETE.
- 2.8.1.4. "INSTALL" (AND ALL TENSES OF "INSTALL") INSTALL WIRE AND CONNECT COMPLETE. PRODUCTS AND SERVICES SPECIFIED.
- 2.8.1.5. "SUPPLY" SUPPLY ONLY
- 2.8.1.6. "OR APPROVED EQUAL" MATERIAL OR EQUIPMENT PROPOSED BY THE CONTRACTOR IN LIEU OF THAT SPECIFIED AS APPROVED BY THE CONSULTANT. MATERIAL OR EQUIPMENT SHALL MEET OR EXCEED THE SAME QUALITY, MATERIAL, EFFICIENCY, ETC AS THE SPECIFIED PRODUCTS.
- 2.8.1.7. "AS INDICATED" AS SHOWN ON DRAWINGS AND/OR NOTED IN SPECIFICATIONS.
2. PRODUCTS
- 2.1. ELECTRICAL EQUIPMENT
- 2.1.1. EQUIPMENT SHALL HAVE 1.0m (39") CLEARANCE IN FRONT OF SAID EQUIPMENT
- 2.1.2. ELECTRICAL EQUIPMENT RATED AT 1200A AND OVER SHALL HAVE 1.5m (59") CLEARANCE IN FRONT OF SAID EQUIPMENT.
- 2.1.3. ALL EQUIPMENT INSTALLED IN SPRINKLERED AREAS ARE TO BE COMPLETE WITH DRIP SHIELDS.
- 2.2. BREAKERS GENERAL
- 2.2.1. BOLT-ON MOLDED CASE CIRCUIT BREAKER, FULL MODULE (I.E., 1" MINIMUM WIDTH), QUICK-MAKE, QUICK-BREAK TYPE, FOR MANUAL AND AUTOMATIC OPERATION WITH TEMPERATURE COMPENSATION FOR 4000 AMBIENT (MINI-BREAKERS NOT ACCEPTABLE)
- 2.2.2. MAGNETIC INSTANTANEOUS TRIP ELEMENTS IN CIRCUIT BREAKERS, TO OPERATE ONLY WHEN THE VALUE OF CURRENT REACHES SETTING.
- 2.3. CONDUCTORS
- 2.3.1. ALL CONDUCTORS SHALL BE COPPER UNLESS INDICATED OTHERWISE.
- 2.3.2. CONDUCTORS #10 AWG AND SMALLER SHALL BE SOLID. CONDUCTORS #8 AND LARGER SHALL BE STRANDED.
- 2.3.3. CONDUCTORS SHALL BE SIZED #12 AWG MINIMUM, EXCEPT FOR CONTROL CIRCUITS WHERE #14 AWG MINIMUM SIZE IS PERMITTED. FEEDER SIZES AS INDICATED.
- 2.3.4. PANEL FEEDER LENGTHS SHALL BE CONTRACTOR VERIFIED FOR LENGTH OF PROPOSED INSTALLATION PATH SO AS NOT TO EXCEED 3% VOLTAGE DROP ON INSTALLATION. FEEDERS EXCEEDING THE LENGTH OF THE ALLOWABLE SHOULD BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO BEGINNING ANY ROUGH-INS.
- 2.3.5. SIZE CONDUCTORS FOR A 2% MAXIMUM VOLTAGE DROP FROM OVERCURRENT DEVICE TO FARTHEST OUTLET.
- 2.3.6. CONDUCTOR INSULATION RATED FOR 600V MINIMUM UNLESS STATED OTHERWISE.
- 2.3.7. CONDUCTOR TYPES:
- 2.3.7.1. TW75, TWJ TO C.S.A. #C22.2 NO. 75
- 2.3.7.2. RW90, RWU90 (XLPE) TO C.S.A. #C22.2 NO. 38
- 2.3.7.3. TW75, RW90 (XLPE) – INSIDE BUILDING.
- 2.3.7.4. TWJ, RWU90 (XLPE) – CONDUCTORS DIRECT BURIED OR IN CONDUIT OUTSIDE BUILDING.
- 2.3.7.5. BX (ARMURED CABLE) IS ONLY PERMITTED FOR LIGHT FIXTURE DROPS IN ACOUSTIC CEILING (MAX LENGTH 5'-0"), AND MAY BE USED IN HOLLOW PARTITIONS FOR SWITCH OR SUSPENDED CEILING FOR FIXTURE DROPS ONLY. ANY DROPS SHALL NOT EXCEED 3.0m (10'-0"). AC-90 (BX ARMURED CABLE) IS NOT TO BE INSTALLED IN OPEN CEILING OR ANY OTHER EXPOSED APPLICATION. ALL CABLES ARE TO BE PROPERLY FASTENED TO BUILDING STRUCTURE IN A NEAT AND PROFESSIONAL MANNER. EXCESSIVE USE OF AC-90, IN THE OPINION OF THE ENGINEER, WILL REQUIRE ELECTRICAL CONTRACTOR TO REPLACE ALL NEW WRING WITH PROPER CONDUIT AND WIRE AT CONTRACTORS EXPENSE.
- 2.4. FASTENINGS AND SUPPORTS
- 2.4.1. SUPPORT EQUIPMENT, CONDUIT OR CABLES USING CLIPS, SPRING-LOADED BOLTS, CABLE CLAMPS DESIGNED AS ACCESSORIES TO BASIC CHANNEL MEMBERS.
- 2.4.2. INSTALL FASTENINGS AND SUPPORTS AS REQUIRED FOR EACH TYPE OF EQUIPMENT, CABLES AND CONDUIT AND IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION.
- 2.5. CONDUITS
- 2.5.1. RIGID, GALVANIZED STEEL THREADED CONDUIT TO C.S.A. C22.2, NO. 45, SIZE AS INDICATED.
- 2.5.2. ELECTRICAL METALLIC TUBING (EMT) WITH COUPLINGS AND EXPANDED ENDS AS REQUIRED, TO C.S.A. C22.2, NO. 83, SIZE AS INDICATED.
- 2.5.3. RIGID PVC (UNPLASTICIZED) CONDUIT FOR EXPOSED, ABOVE GROUND WORK, TO C.S.A. C22.2, NO. 211.2, SIZE AS INDICATED. FLEXIBLE PVC IS NOT PERMITTED.
- 2.5.4. FLEXIBLE METAL CONDUIT AND LIQUID-TIGHT FLEXIBLE METAL CONDUIT TO C.S.A. C22.2, NO. 56.
- 2.5.5. EMT CONDUIT FITTINGS, IE. CONNECTORS, COUPLINGS, TO C.S.A. C22.2, NO. 18, ZINC-PLATED STEEL/MALLEABLE IRON CONSTRUCTION. ALL CONNECTIONS AND COUPLINGS TO BE SET SCREW TYPE, IE. CONCRETE TIGHT.
- 2.5.6. CONDUIT SIZES SHALL BE A MINIMUM OF 3/4" AND CONFORM TO ELECTRICAL SAFETY CODE. WHERE SIZES ARE INDICATED AND THEY EXCEED CODE, THEY SHALL NOT BE REDUCED.
- 2.5.7. USE RIGID, GALVANIZED STEEL, THREADED CONDUIT WHERE CONDUIT IS SUBJECT TO MECHANICAL INJURY.
- 2.5.8. RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES.
- 2.5.9. USE EMT FOR ALL WRING FROM OUTLET BOX TO SOURCE.
- 2.5.10. INSTALL NYLON FISH WIRE IN EMPTY CONDUITS AND TERMINATE UNDER SCREW LEAVING 12' SLACK. TAG FISH WIRE IDENTIFYING SYSTEM.
- 2.5.11. DO NOT LOCATE CONDUITS LESS THAN 3" (75 MM) PARALLEL TO STEAM OR HOT WATER LINES WITH A MINIMUM OF 1" (25 MM) AT CROSS-OVERS.
- 2.5.12. IN-SLAB CONDUIT: LOCATE TO SUIT REINFORCING STEEL. INSTALL IN CENTRE 1/2 OF SLAB.
- 2.5.13. PROVIDE AND INSTALL 4-38mm (4 1-1/2") SPARE CONDUITS UP TO CEILING SPACE FROM EACH FLUSH MOUNTED ELECTRICAL PANEL. TERMINATE IN 300mm X 300mm (12"x12") JUNCTION BOXES IN ACCESSIBLE CEILING SPACE.
- 2.6. JUNCTION AND PULL BOXES
- 2.6.1. WELDED STEEL CONSTRUCTION WIRE SCREW-ON FLAT COVERS FOR SURFACE MOUNTING.
- 2.6.2. COVERS WITH 1" (25 MM) MINIMUM EXTENSION ALL AROUND, FOR FLUSH-REINFORCED PULL AND JUNCTION BOXES.
- 2.6.3. INSTALL PULL BOXES IN CONDUIT RUNS SO AS NOT TO EXCEED 30 M OF CONDUIT RUN OR THE EQUIVALENT OF TWO (2) 90° BENDS BETWEEN PULL BOXES.
- 2.7. OUTLET AND CONDUIT BOXES:
- 2.7.1. ALL LIGHTING FIXTURES, RECEPTACLES AND OTHER WIRING DEVICES FOR ANY CONDUIT SYSTEM SHOWN SHALL BE PROVIDED WITH AN OUTLET BOX.
- 2.7.2. 4" (102 MM) OCTAGON OR SQUARE OUTLET BOXES OR LARGER, COMPLETE WITH FITTINGS FOR LIGHTING FIXTURES AND AS REQUIRED FOR SPECIAL DEVICES.
- 2.7.3. WALL OUTLET BOXES SHALL BE:
- 2.7.3.1. NO. 1104 SERIES, FLUSH MOUNTED IN DRYWALL PARTITIONS, U.N.O.
- 2.7.3.2. MBS SERIES MASONRY BOXES (GALVANIZED STEEL) FLUSH MOUNTED IN MASONRY WALLS (BLOCK WALLS).
- 2.7.3.3. GANG BOXES SHALL BE USED AT LOCATIONS WHERE DEVICES ARE GROUPED. PROVIDE BARRIERS AS REQUIRED.
- 2.7.3.4. BLANK COVER PLATES FOR BOXES WITHOUT WIRING DEVICES.
3. DEFINITIONS:
- 3.1. THE FOLLOWING ARE DEFINITIONS OF WORDS FOUND IN THE SPECIFICATION AND ON ASSOCIATED DRAWINGS:
- 3.1.1. "CONCEALED" – HIDDEN FROM NORMAL SIGHT IN FURRED IN SPACES, SHAFTS, CEILING SPACES, WALLS, UNDERFLOOR AND PARTITIONS.
- 3.1.2. "EXPOSED" – ALL ELECTRICAL WORK EXPOSED TO BUILDING

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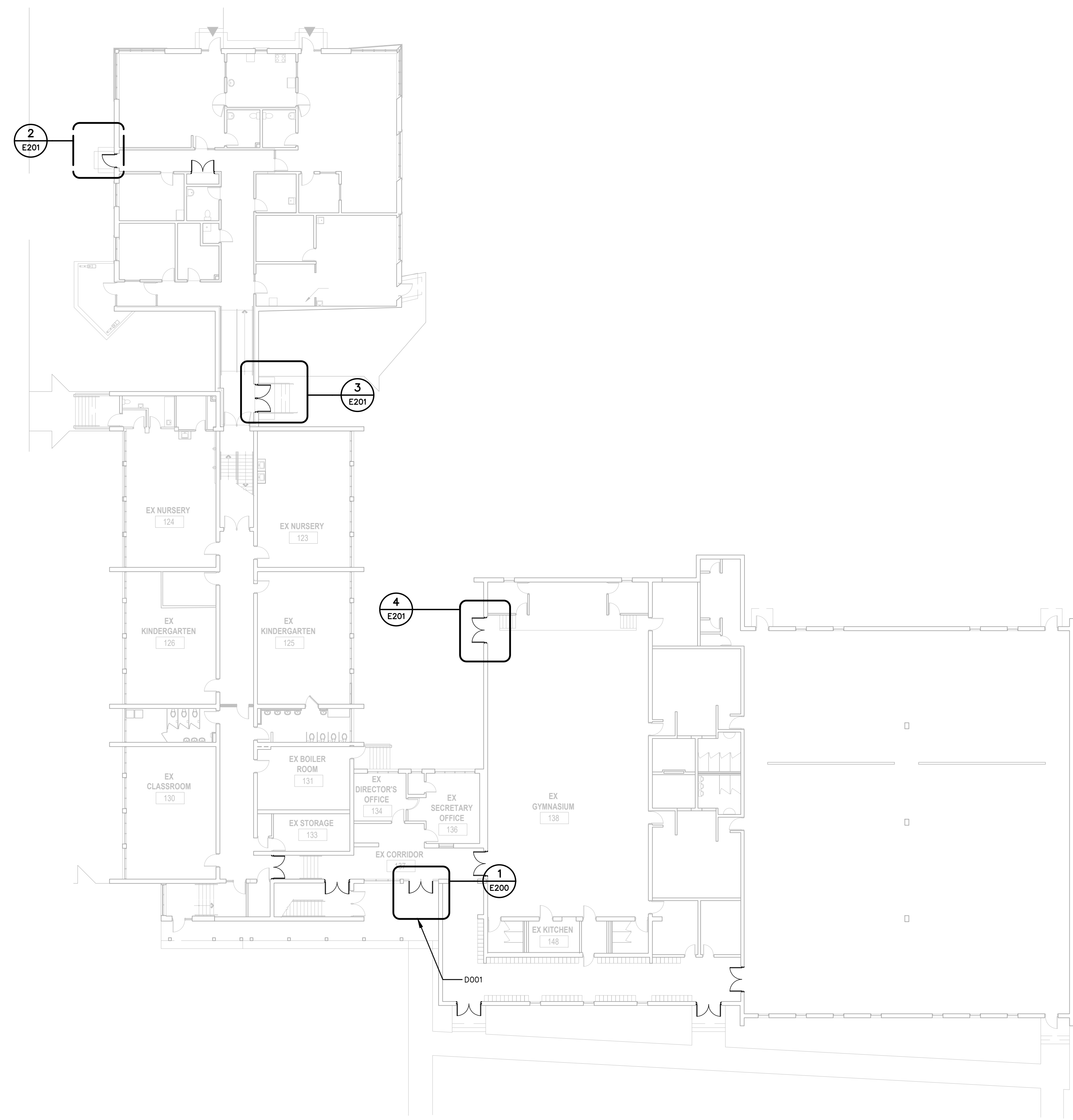
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K. SEGUIN
PROVINCE OF ONTARIO

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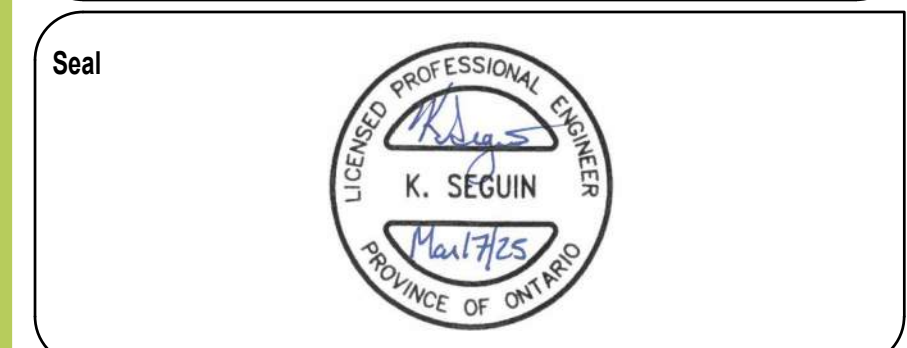
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Project No. 25-037		Scale NTS	
Drawing No. E050	Sheet 2 of 5	Revision 0	

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Title
SITE PLAN

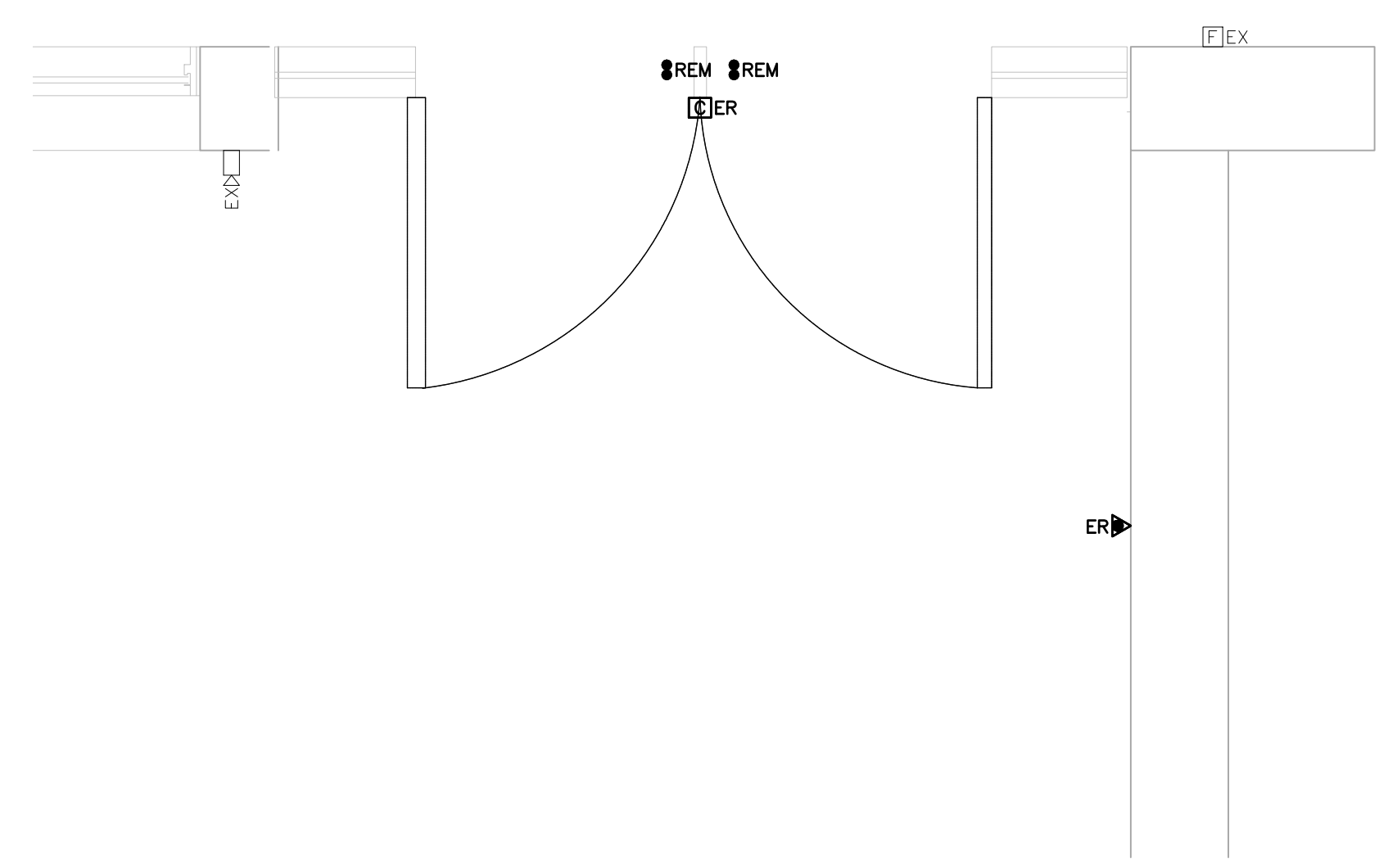
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Project No. 25-037		Scale 1:200	
Drawing No. E100		Sheet 3 of 5	Revision 0

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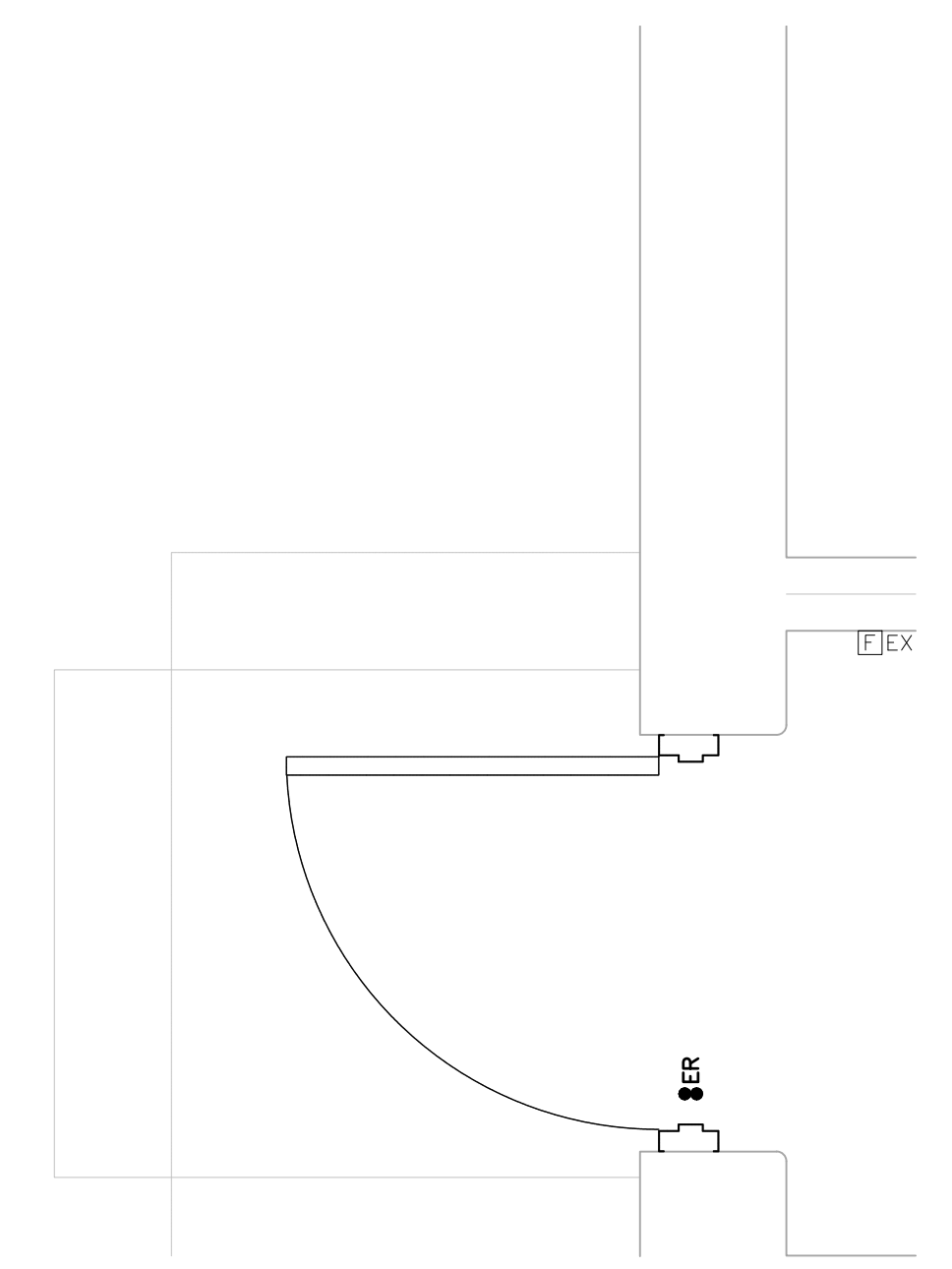
DRAWING NOTES:
 ① CONNECT ADD TO CLOSEST AVAILABLE BREAKER PANEL
 PROVIDE NEW 15A BREAKER.

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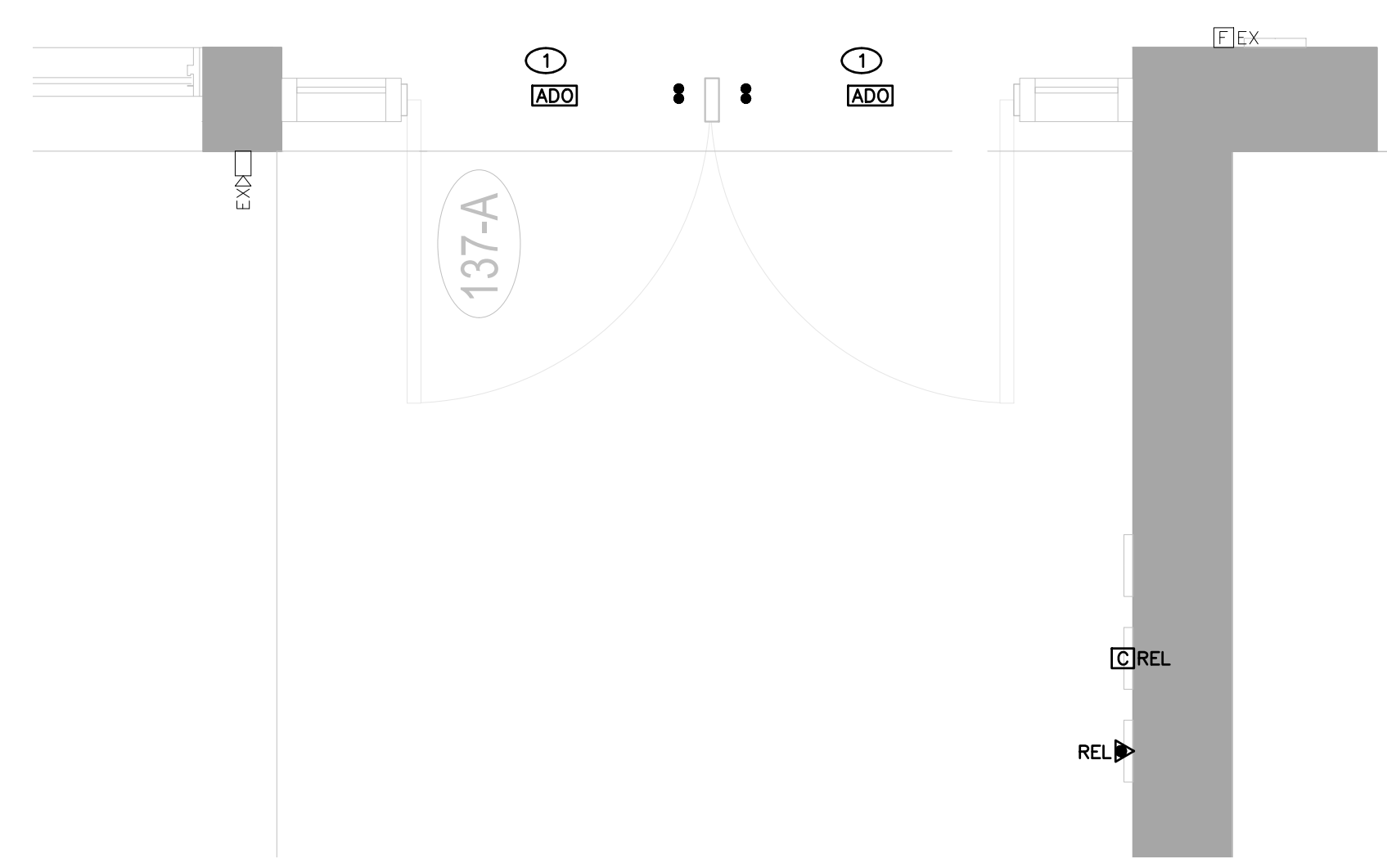
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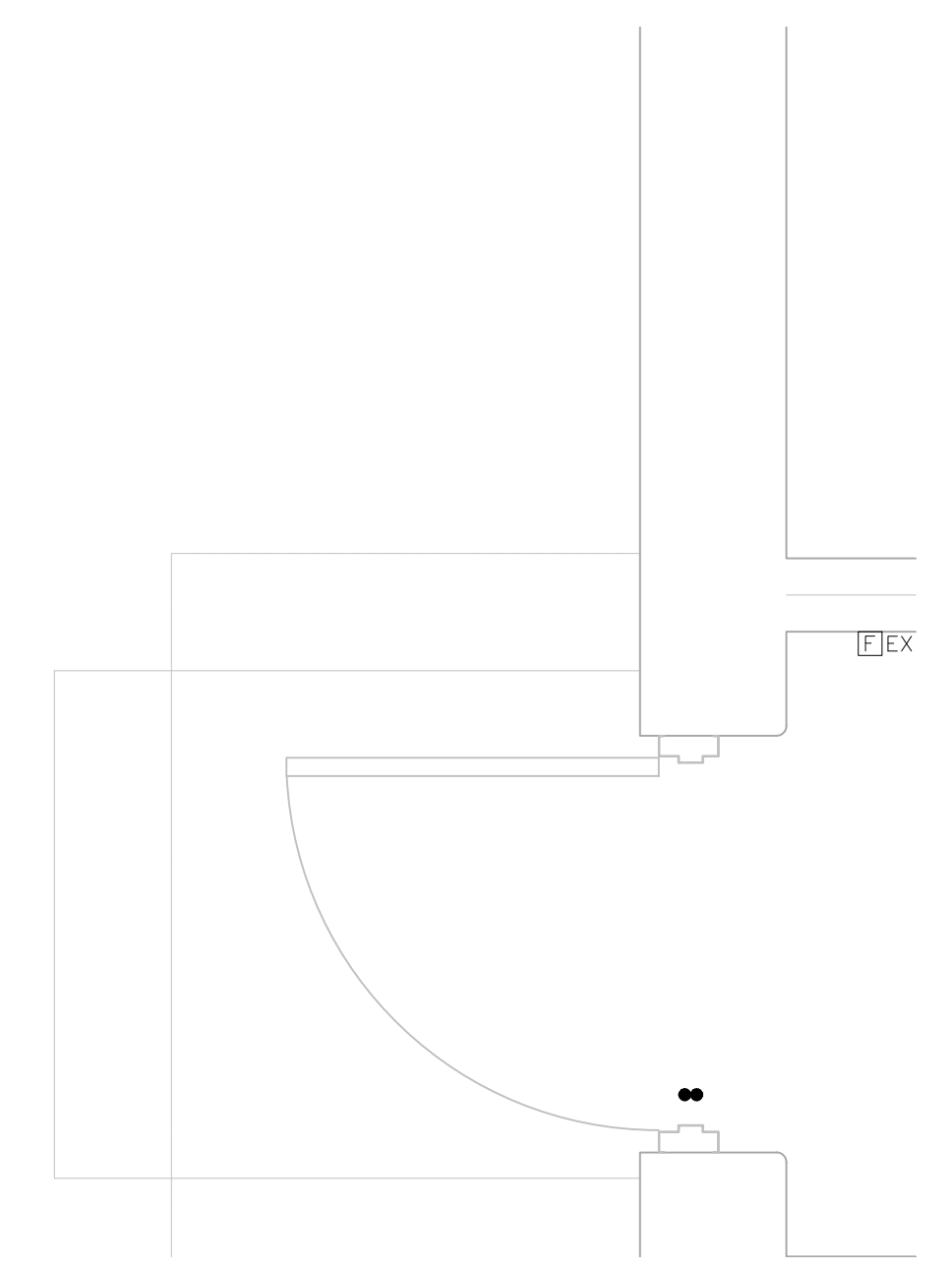
1 D001 DEMOLITION PLAN ENTRANCE
 E200 SCALE: 1:20



2 D002 DEMOLITION PLAN CORRIDOR 113
 E200 SCALE: 1:20



1 D001 PROPOSED PLAN ENTRANCE
 E200 SCALE: 1:20



2 D002 PROPOSED PLAN CORRIDOR 113
 E200 SCALE: 1:20

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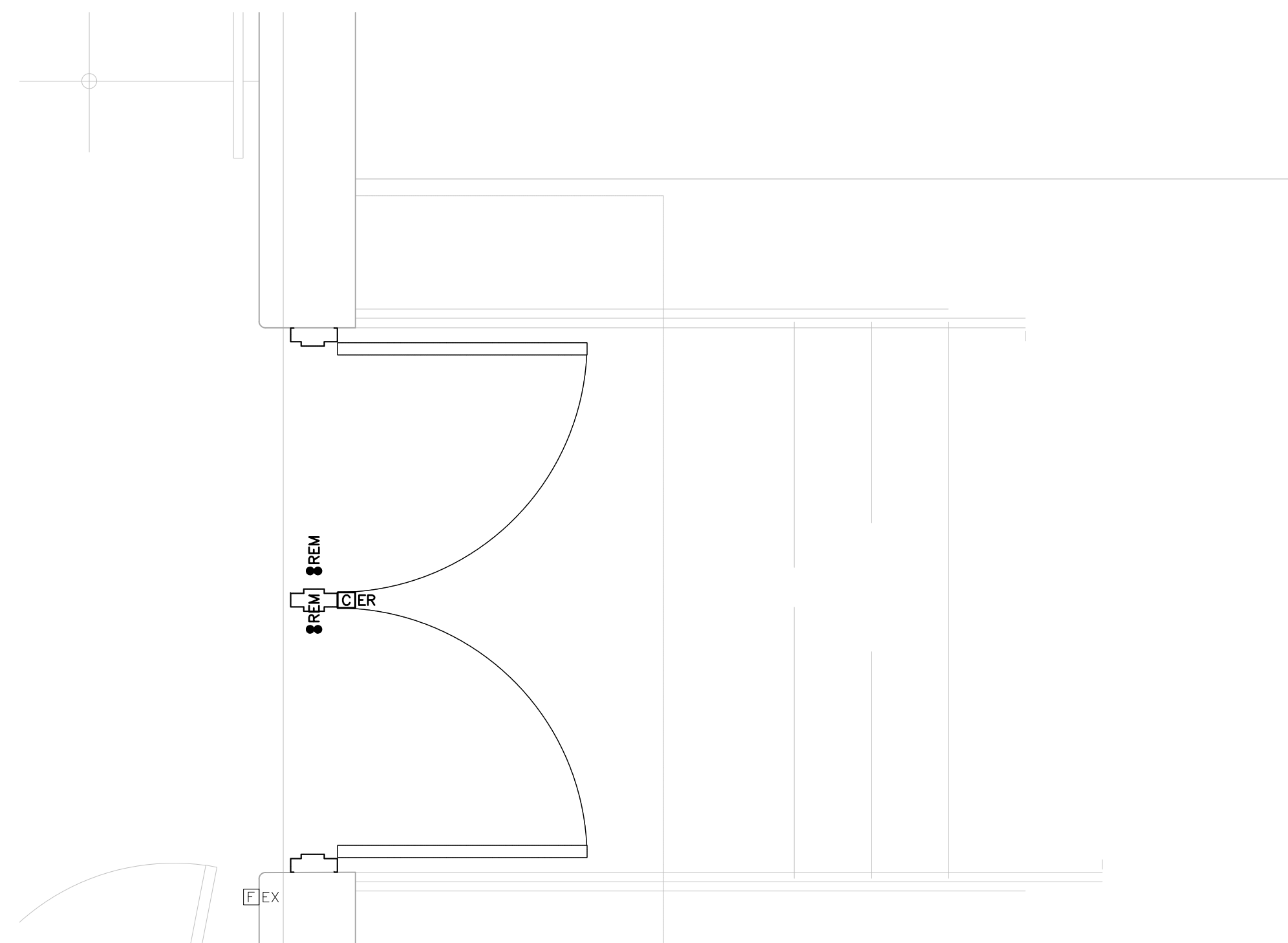
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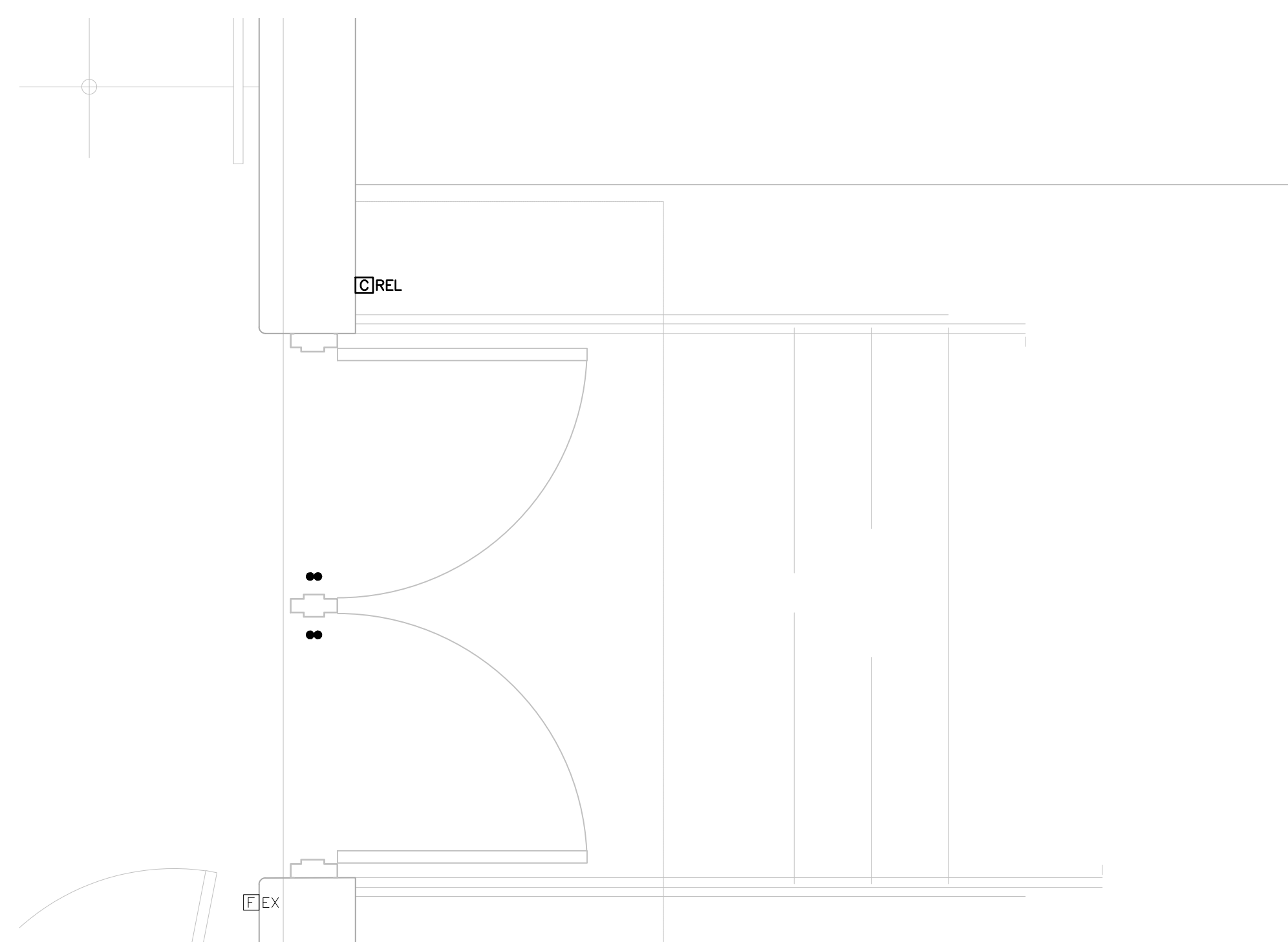
Title
 DOORS D001 & D002
 PROPOSED PLANS

Drawn By: KM	Designed By: KS	Approved By: KS	Date: MARCH 2025
Project No. 25-037		Scale AS INDICATED	
Drawing No. E200		Sheet 4 of 5	Revision 0

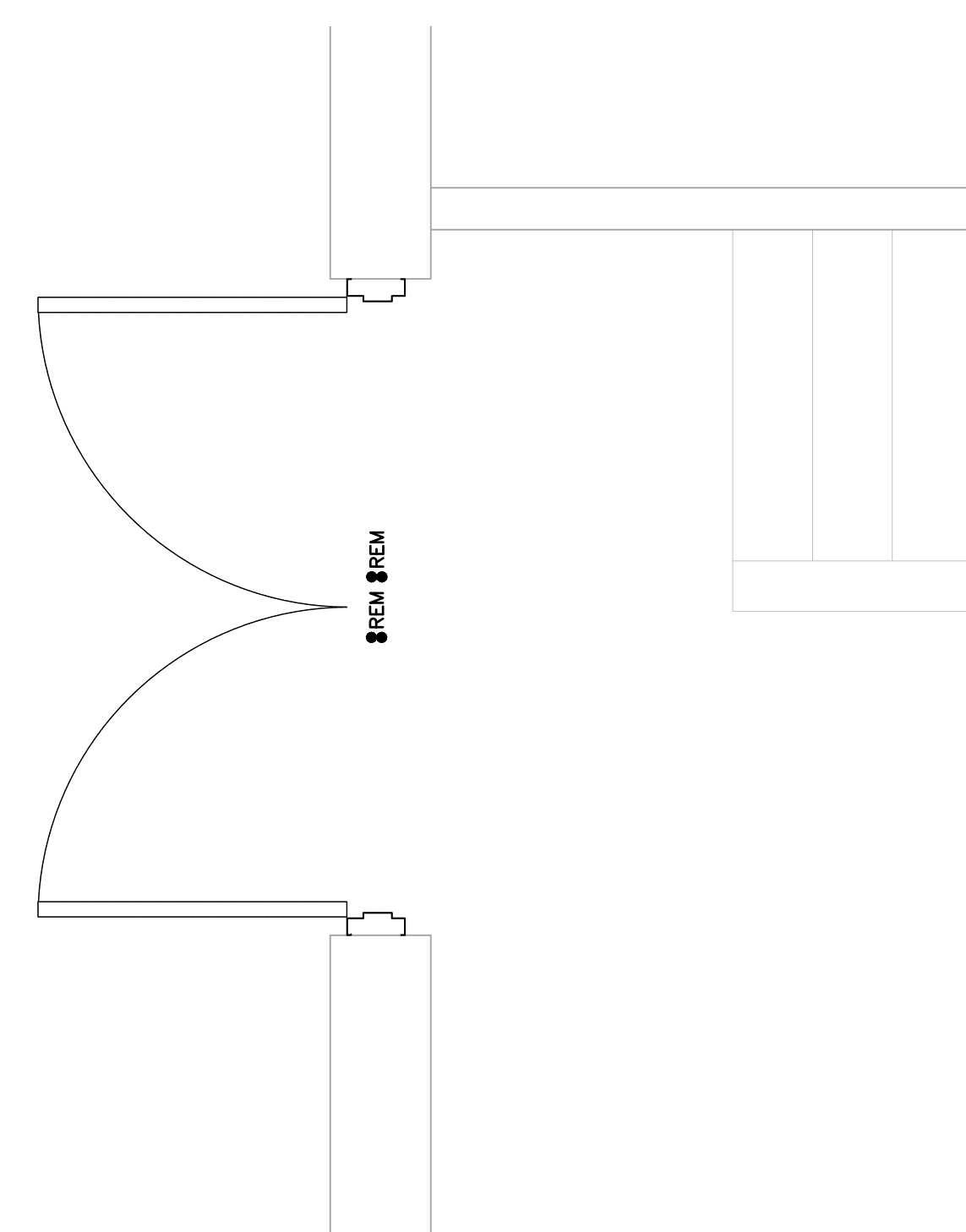
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 March 17, 2025
 Plotted by: Kyle



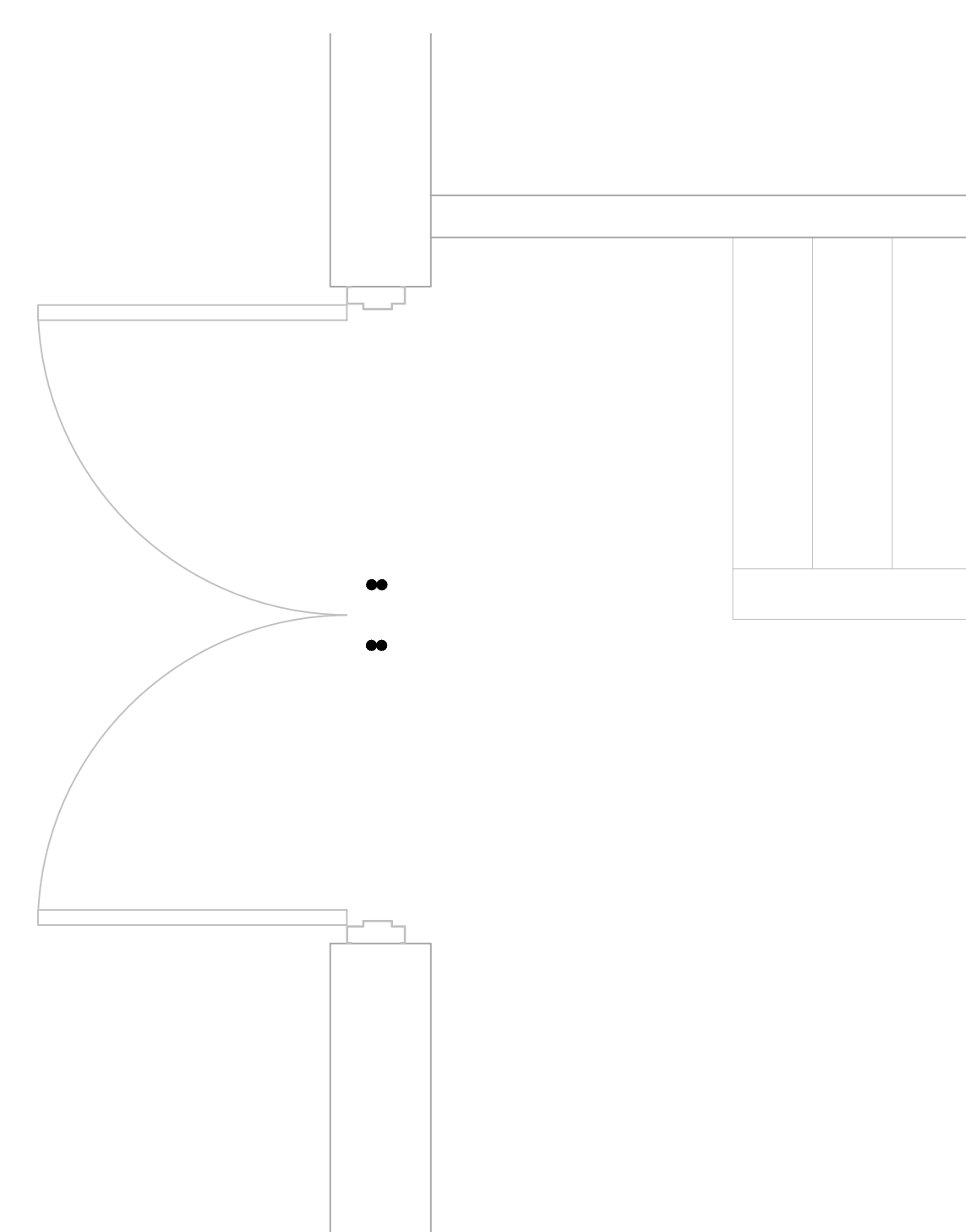
3 D003 DEMOLITION PLAN 114-A
E201 SCALE: 1:20



3 D003 PROPOSED PLAN 114-A
E201 SCALE: 1:20



4 D004 DEMOLITION PLAN GYM EXIT 138-A
E201 SCALE: 1:20

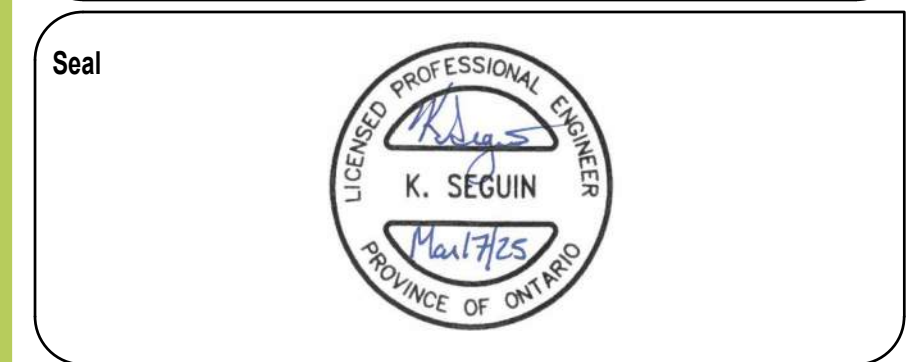


4 D004 PROPOSED PLAN GYM EXIT 138-A
E201 SCALE: 1:20

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PROPOSED PLAN

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Project No. 25-037		Scale AS INDICATED	
Drawing No. E201		Sheet 5 of 5	Revision 0