



24119 - P078-24-109 - QIS Lab & CQIQC Suite
Renovation - McLennan Laboratories Level 3

255 Huron Street, Toronto, ON, M5S 3J1

mcCallumSather

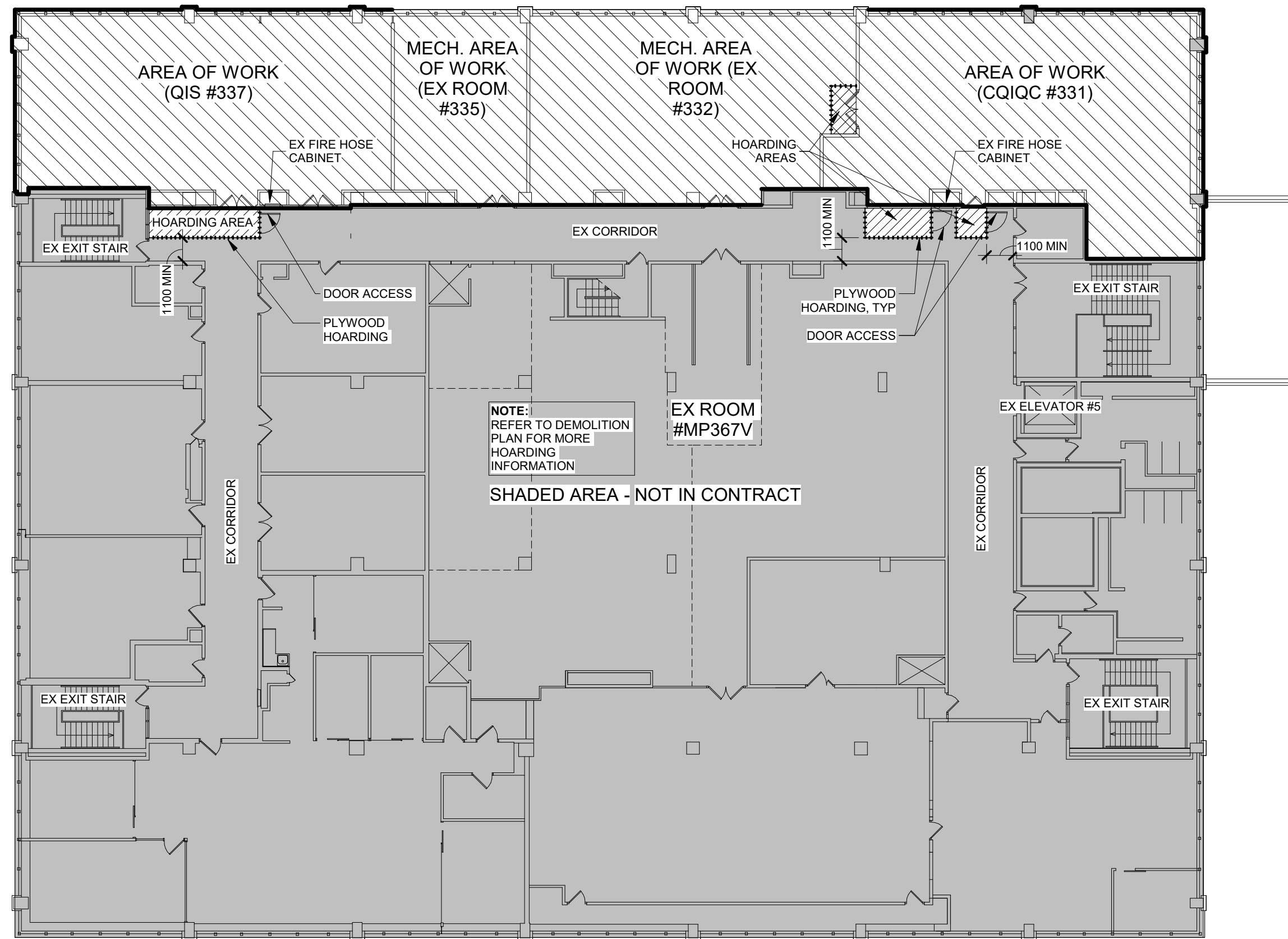
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Tomasetti

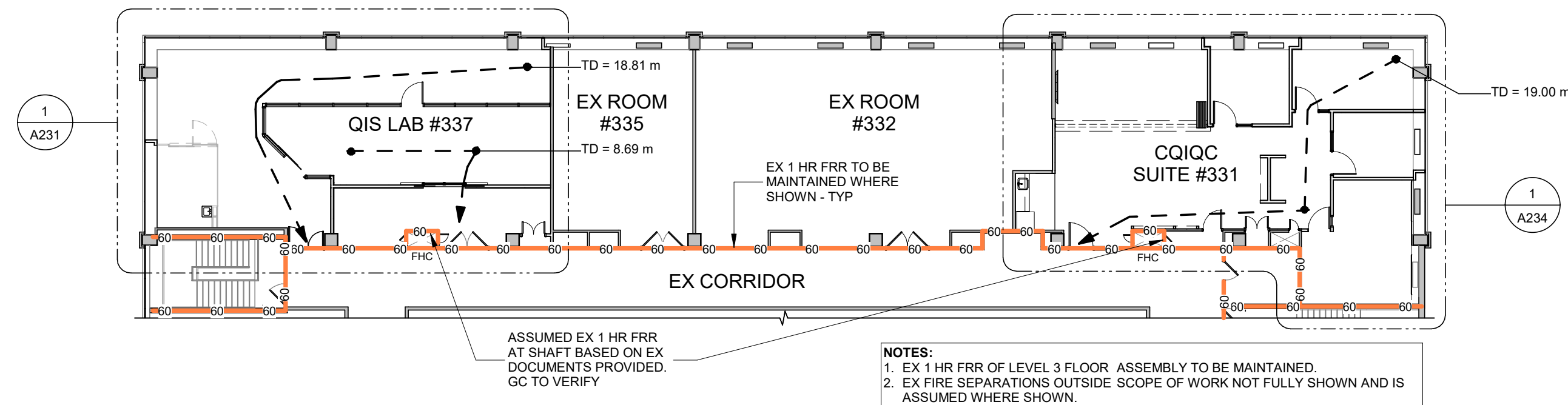
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MULVEY & BANANI

90 Sheppard Ave. E., Suite 500
Toronto, ON, M2N 3A1
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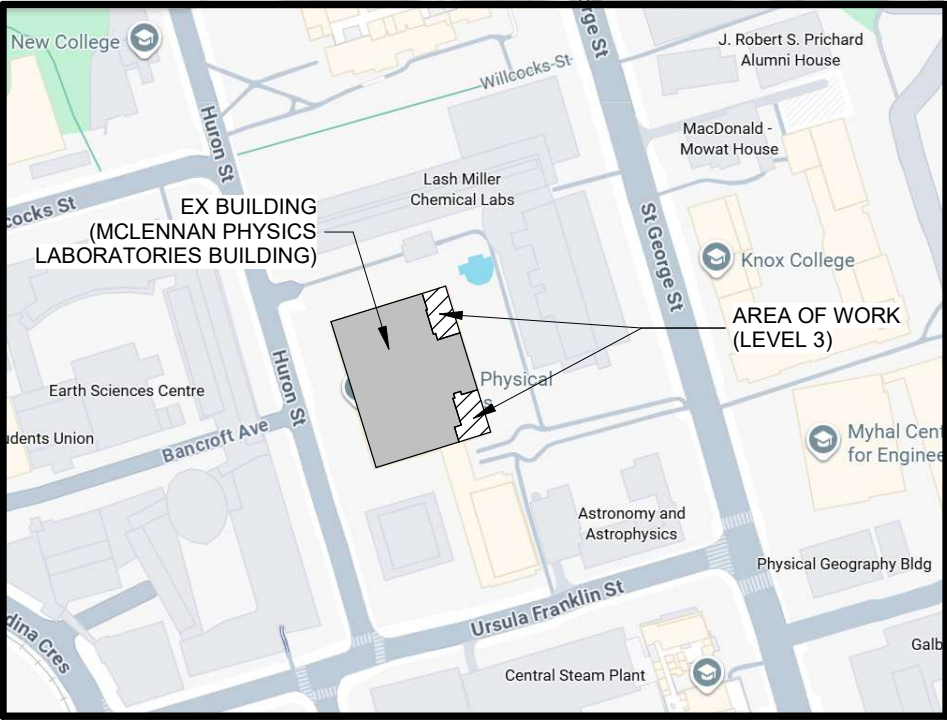


2 OVERALL 3RD FLOOR - AREA OF WORK
A000 1 : 200



3 PARTIAL 3RD FLOOR - RENOVATION AREA LIFE SAFETY PLAN
A000 1 : 200

PART 11 OBC MATRIX				Ontario Building Code Data Matrix		OBC Reference	
Item	Description	Project Number:	24119	Project Name:	UNIVERSITY OF TORONTO, QIS LAB RENOVATION	Location:	255 HURON ST, TORONTO
11.00	Building Code Version:	O. Reg. 163/24	Last Amendment	O. Reg. 447/24			
11.01	Project Type:	<input type="checkbox"/> Addition <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Change of Use <input type="checkbox"/> Addition & Renovation		Description:	RENOVATION OF EXISTING LAB SUITES FOR NEW LAB AND ADMINISTRATION SUITES		[A] 1.3.3.3B.
11.02	Major Occupancy Classification:	Occupancy Use			NO CHANGE EX LABORATORY EX OFFICE		3.1.2.1.(1) 2.1.4.1.(1), & 11.2.1.
11.03	Superimposed Major Occupancies:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Description:			11.2. 3.2.2.5. to 3.2.2.8. & 2.2.1.
11.04	Building Area (m²):	Description Existing New Total			NO CHANGE		[A] 1.4.1.2., 11.2., & 11.3.
11.05	Building Height:	3 Stores Above Grade 11.9 (m) Above Grade			1 Stores Below Grade		[A] 1.4.1.2., 3.2.1.1., 2.2.2.2., & 11.3.
11.06	Number of Streets/ Firefighter Access:	1 Street(s)					3.2.2.10., 3.2.5., 2.2.4.1. & 11.3.
11.07	Building Size:	<input type="checkbox"/> Small <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Large <input type="checkbox"/> >Large					T 11.2.1.1.B-N., 11.2.1.1.(4), 10.2.1.2., & 11.2.
11.08	Existing Building Classification:	Change in Major Occupancy: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not Applicable (No Change in Major Occupancy)		Construction Index: Hazard Index: Importance Category: <input type="checkbox"/> Low <input type="checkbox"/> High <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Post-Disaster			10.1.1.2., & 11.2.1.1. T 11.2.1.1.A T 11.2.1.1.B to N 4.1.2.1.(3), 2.3.1., & 5.2.2.1.(2)
11.09	Renovation Type:	<input checked="" type="checkbox"/> Basic Renovation <input type="checkbox"/> Extensive Renovation					11.3.3.1. & 11.3.3.2.
11.10	Occupant Load:	Floor Level/Area Occupancy Type Based On Occupancy Load (Persons)			NO CHANGE TO OCCUPANT LOAD EXISTING OCCUPANT LOAD TO REMAIN		3.1.17., 2.1.2.2. & 11.4.2.2.
11.11 [A]	Plumbing Fixture Requirements:	Ratio: M:F = 50:50 Except as otherwise noted		Floor Level/Area Occupant Load OBC Ref: WCs Req: WCs Provided:	NO CHANGE TO OCCUPANT LOAD EXISTING WC'S TO REMAIN		3.7.4., 11.3.4., 11.3.5., 11.4.2.4. & 11.4.2.5.
11.11 [B]	Plumbing Fixture Requirements (Accessible):	Floor Level/Area BF WCs Req: BF WCs Provided: Uni. WCs Req: Uni. WCs Provided: Tables 3.8.2.3.A & 3.8.2.3.B			NO CHANGE TO OCCUPANT LOAD EXISTING WC'S TO REMAIN		
11.12	Barrier-Free Design:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes NO ACCESSIBLE ELEVATOR					11.3.1.2., 11.3.2., & 11.3.3.2.
11.13	Reduction in Performance Level:	Structural: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes By Increase in Occupant Load: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes By Change of Major Occupancy: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Plumbing: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Sewage-Systems: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Extension of Buildings of Combustible Construction: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					11.4.2.1. 11.4.2.2. 11.4.2.3. 11.4.2.4. 11.4.2.5. 11.4.2.6.
11.14	Compensating Construction:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Structural: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes By Increase in Occupant Load: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes By Change of Major Occupancy: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Plumbing: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Sewage-Systems: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Extension of Buildings of Combustible Construction: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			11.4.3.1. 11.4.3.2. 11.4.3.3. 11.4.3.4. 11.4.3.5. 11.4.3.6. 11.4.3.7.
11.15	Compliance Alternatives Proposed	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					11.5.1.
11.16	Alternative Solutions						[A] 1.2.1.1., & [C] 2.1.
11.17	Notes:				NO CHANGE TO EX FIRE SEPARATIONS NO CHANGE TO EX OCCUPANT LOADS NO CHANGE TO EX EGRESS OR TRAVEL DISTANCES NO CHANGE TO USE		



1 LOCATION MAP
A000 1 : 50

SHEET LIST - ARCHITECTURAL	
NO.	NAME
A000	COVER SHEET
A001	GENERAL NOTES, ABBREVIATIONS & LEGENDS
A002	DOOR & SCREEN SCHEDULE
A210	DEMOLITION FLOOR PLANS
A220	PARTIAL ROOF PLANS
A231	QIS LAB - PLAN & RCP
A232	QIS LAB - FINISHES
A234	CQIQC SUITE - PLAN & RCP
A235	CQIQC SUITE - FINISHES
A236	DETAILS
A0.01	INFORMATION TO BIDDERS - QIS
A0.02	INFORMATION TO BIDDERS - QIS
SHEET LIST - STRUCTURAL	
NO.	NAME
S-001	GENERAL NOTES AND ABBREVIATIONS
S-002	LOADING PLANS
S-101	QIS LAB - STRUCTURAL FRAMING
S-102	CQIQC SUITE - STRUCTURAL FRAMING

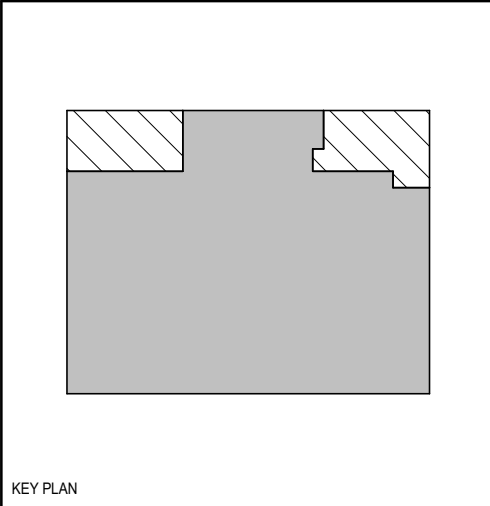
SHEET LIST - MECHANICAL	
NO.	NAME
M001	GENERAL NOTES & DRAWING LIST
M002	LEGENDS & ABBREVIATIONS
M100	PLUMBING AND DRAINAGE DEMOLITION PLAN
M101	HVAC AND HYDRONICS DEMOLITION PLAN
M200	PLUMBING AND DRAINAGE PLANS
M300	HVAC AND HYDRONICS PLANS
M400	ROOF - MECHANICAL PLAN
M500	MECHANICAL CONTROL DIAGRAMS
M501	MECHANICAL CONTROL DIAGRAMS
M600	MECHANICAL DETAILS
M601	MECHANICAL DETAILS
M602	MECHANICAL DETAILS
M800	SCHEDULES

SHEET LIST - ELECTRICAL	
NO.	NAME
E-001	ELECTRICAL LEGEND, GENERAL NOTES AND DRAWING LIST
E-002	ELECTRICAL SPECIFICATIONS
E-003	ELECTRICAL SPECIFICATIONS
E-103	SUITE DEMOLITION ELECTRICAL PLANS
E-104	LAB DEMOLITION ELECTRICAL PLANS
E-203	ELECTRICAL PLANS - SUITE
E-303	ELECTRICAL PLANS - LABS
E-401	ROOFTOP PLANS
E-501	ELECTRICAL SINGLE LINE DIAGRAM
E-601	ELECTRICAL DETAILS
E-602	ELECTRICAL DETAIL SERVICE ROOMS
E-603	ELECTRICAL DETAIL SERVICE ROOMS
E-701	ELECTRICAL EQUIPMENT LIST AND LUMINAIRE SCHEDULE
E-702	PANEL SCHEDULE

SHEET LIST - IT/ COMMUNICATIONS	
NO.	NAME
IT-001	IT/COMMUNICATIONS GENERAL NOTES, LEGEND & DRAWING LIST
IT-002	IT/COMMUNICATIONS SPECIFICATIONS
IT-303	LEVEL 3 - IT/COMMUNICATIONS PLAN
IT-601	IT/COMMUNICATIONS LAN ROOM LAYOUT AND RISER DETAILS
IT-602	IT/COMMUNICATIONS DETAILS 1/3
IT-603	IT/COMMUNICATIONS DETAILS 2/3
IT-604	IT/COMMUNICATIONS DETAILS 3/3

SHEET LIST - SECURITY	
NO.	NAME
SC-001	SECURITY GENERAL NOTES, LEGEND & DRAWING LIST
SC-303	LEVEL 3 - SECURITY
SC-501	ACCESS CONTROL RISER DIAGRAM
SC-601	SECURITY DETAILS

SHEET LIST - AUDIO VISUAL	
NO.	NAME
AV001	AUDIO VISUAL LEGEND & GENERAL NOTES
AV002	AUDIO VISUAL DIVISION OF RESPONSIBILITY
AV003	AUDIO VISUAL SPECIFICATIONS - 27 41 10 - AV GENERAL REQ.
AV004	AUDIO VISUAL SPECIFICATIONS - 27 41 16 - AV SYSTEMS
AV301	LEVEL 3 - AUDIO VISUAL FLOOR PLAN
AV401	AUDIO VISUAL FUNCTIONAL DIAGRAM
AV402	AUDIO VISUAL FUNCTIONAL DIAGRAM
AV501	AUDIO VISUAL RISER DIAGRAM
AV601	AUDIO VISUAL ELEVATION DIAGRAM
AV701	AUDIO VISUAL RACK DETAIL



REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR 100% CD
2	ISSUED FOR PERMIT
3	ISSUED FOR 100% CD
4	ISSUED FOR 100% CD
5	ISSUED FOR 100% CD
6	ISSUED FOR 100% CD
7	ADDENDUM #1

REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR 100% CD
2	ISSUED FOR PERMIT
3	ISSUED FOR 100% CD
4	ISSUED FOR 100% CD
5	ISSUED FOR 100% CD
6	ISSUED FOR 100% CD
7	ADDENDUM #1

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CONSULTANTS:

PROJECT:

McLENNAN PHYSICAL
LABORATORIES - P078-24-109 -
QIS LAB & CQIQC SUITE

255 HURON STREET, TORONTO,
ONTARIO M5S 3J1

DRAWING TITLE:
COVER SHEET

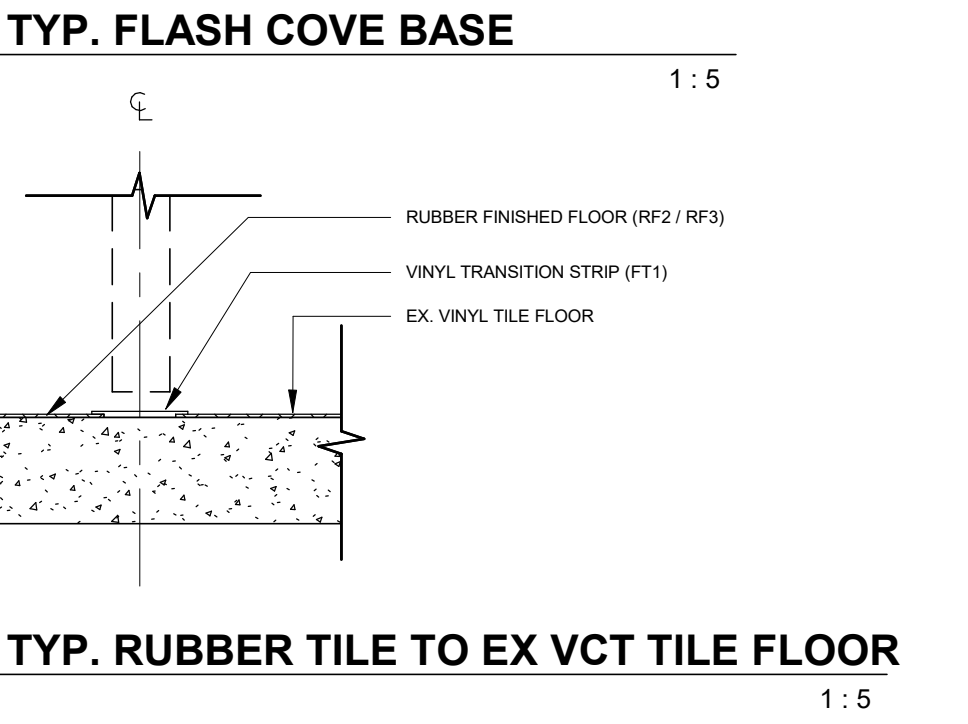
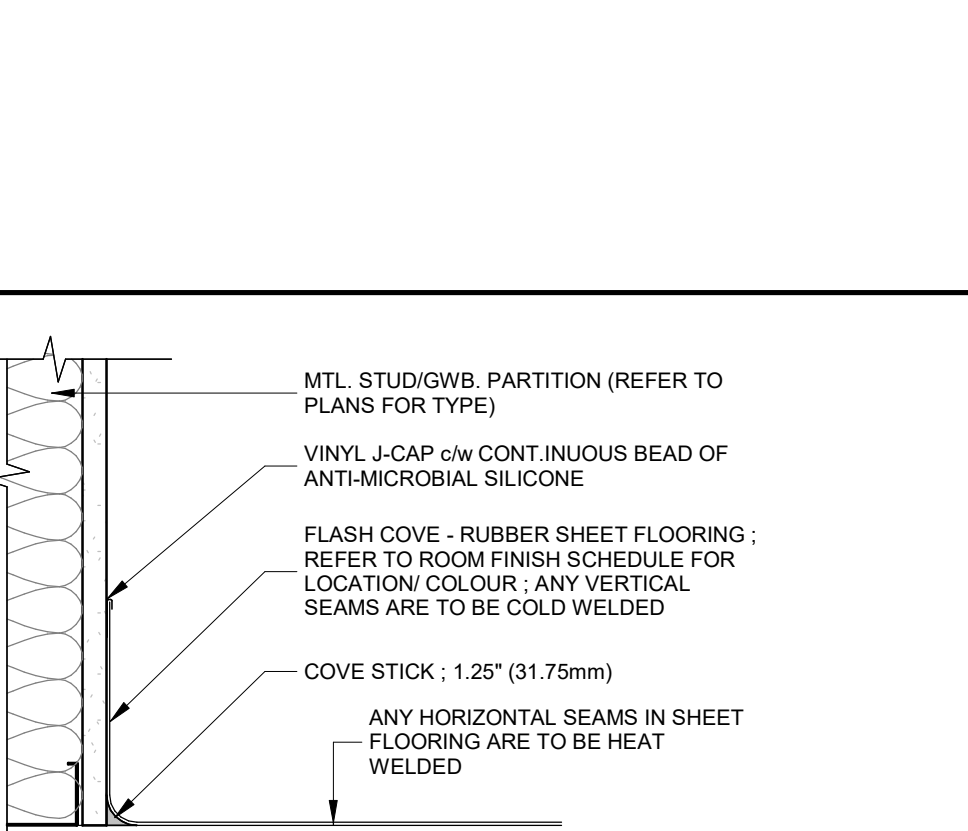
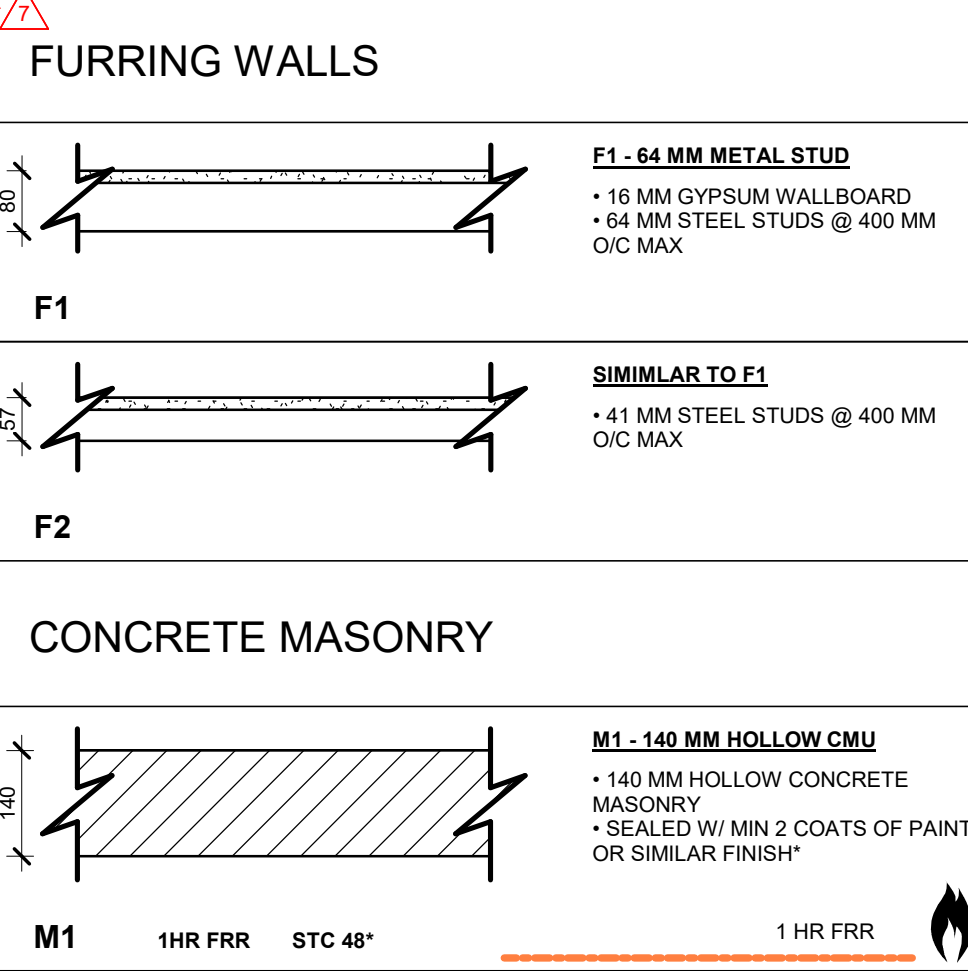
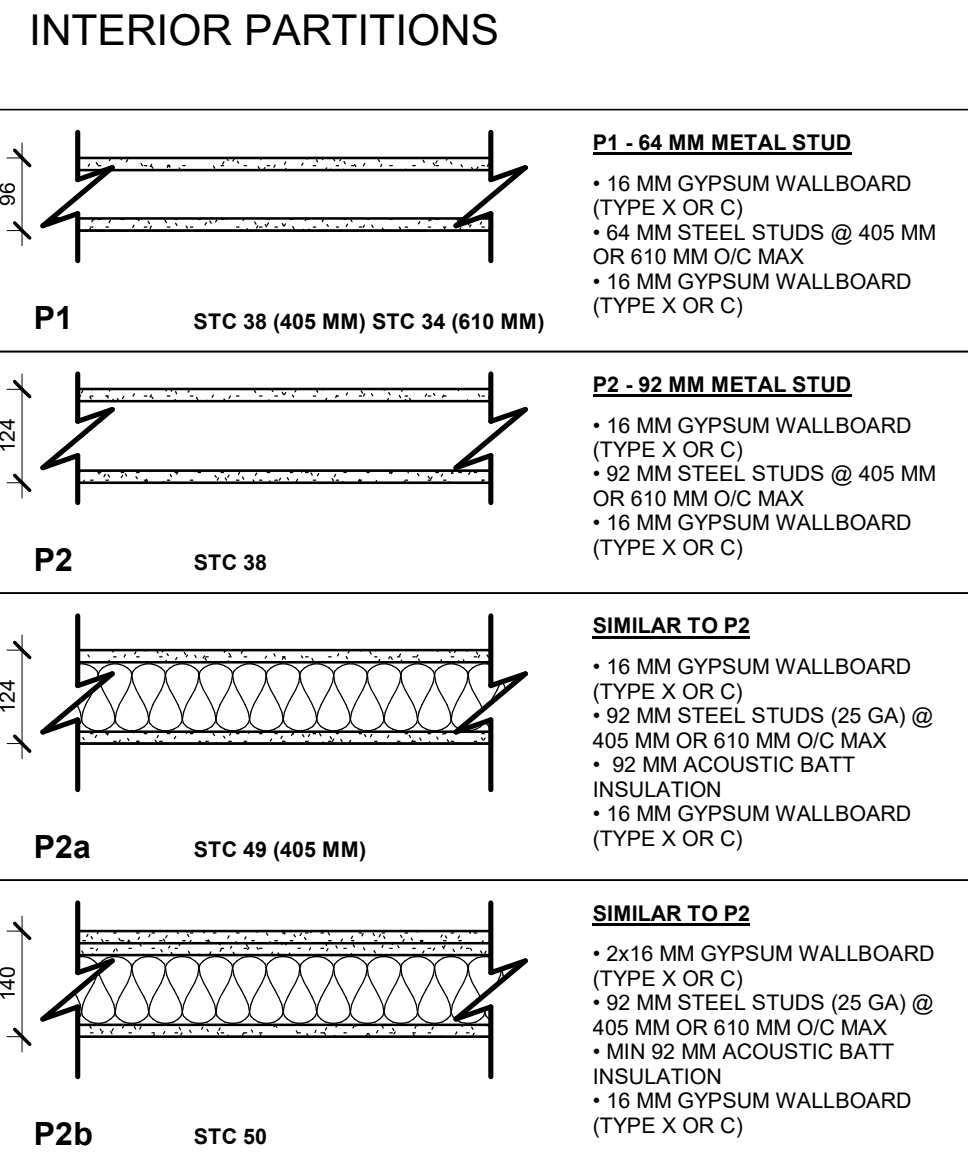
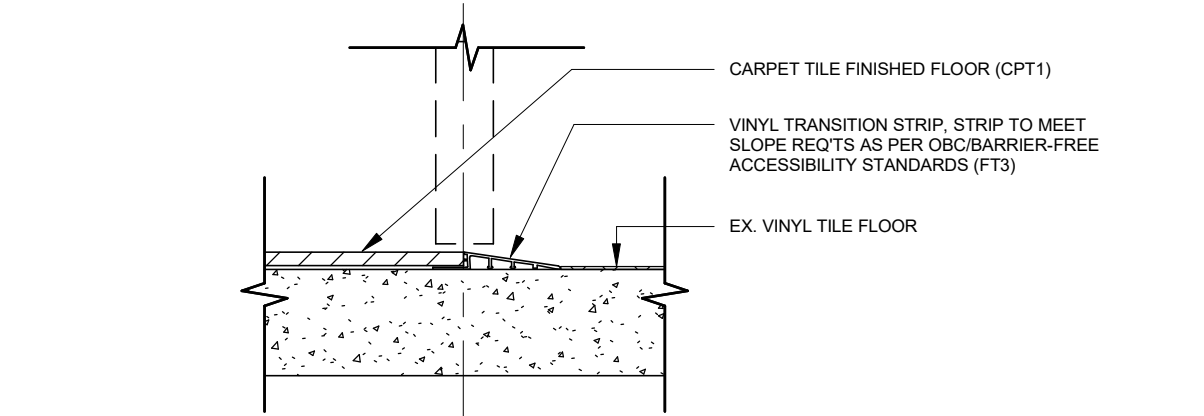
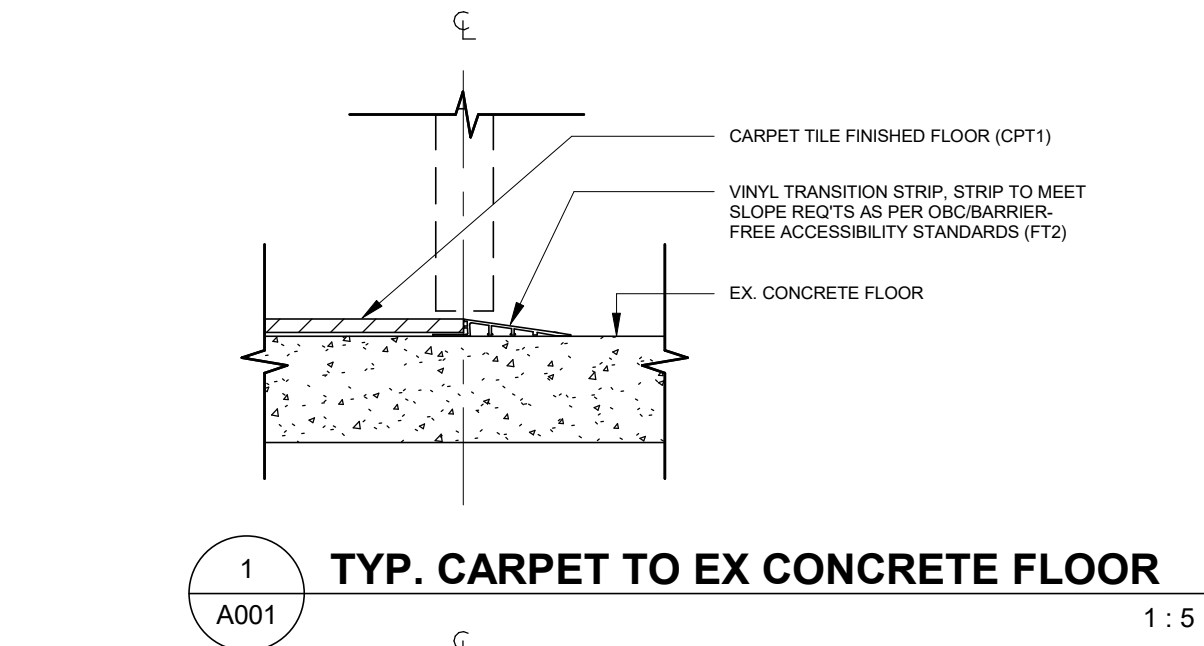
SHEET SIZE: ARCH D SCALE: As indicated

PROJECT NO: 24119

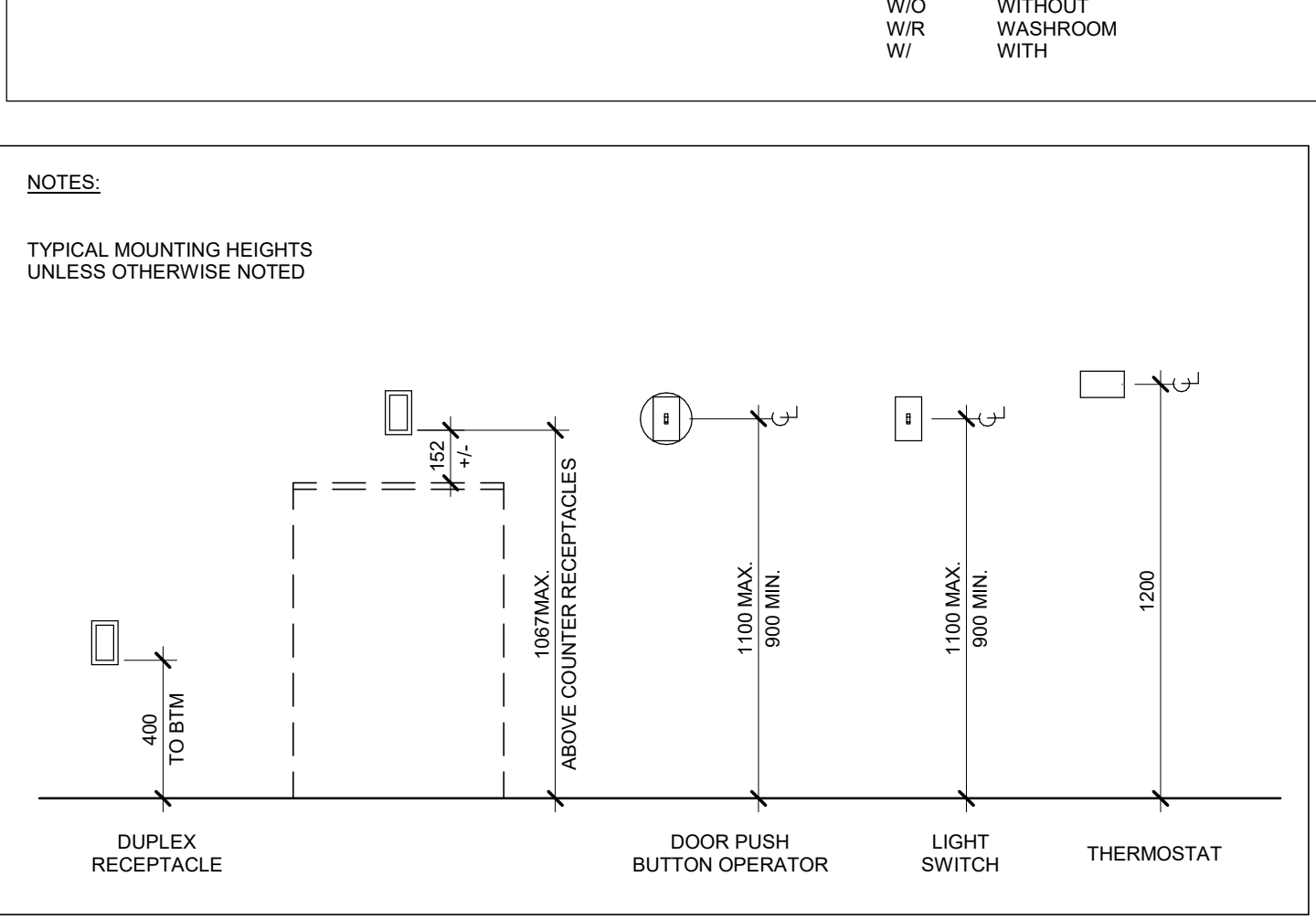
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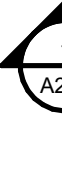

ROOM FINISH SCHEDULE										
NO.	NAME	FLOOR FINISH	WALL BASE	NORTH	EAST	SOUTH	WEST	CEILING	COMMENTS	
331	CENTRE FOR QUANTUM INFORMATION AND QUANTUM CONTROL	CPT1 & LVT1	RB1	PT1	PT1 & PLAM1	PT1 & PLAM1 & BPG1	PT1	ACT2 & PT1	REFER TO ELEVATIONS FOR DETAILS	
331A	MEETING ROOM	CPT1	RB1	PT2	PT1 & BPG1	PT1	PT1	ACT2	REFER TO ELEVATIONS FOR DETAILS	
331B	ADMIN OFFICE	CPT1	RB1	PT2	PT1	PT1	PT1	ACT1		
331C	DIRECTOR'S OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1		
331D	VISITOR'S OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1		
331E	STUDENT / POST DOCTORATE OFFICE	CPT1	RB1	PT1	PT1	PT1	PT1	ACT1		
336	MECHANICAL ROOM	RF3	RF3	PT4	PT4	PT4	PT4	PT4		
336A	ELEC CLOSET	RF3	RF3	PT4	PT4	PT4	PT4	PT4		
337	QUANTUM INFORMATION SCIENCE LAB	RF1 & RF2	RF1 & RF2	PT4	PT4	PT4 & PT5	PT4 & AWP1	PT4 & AWP1	COLLABORATION WALL TO RECEIVE PT5	
337A	CLEAN ROOM	RF2	RF2	PT4	PT4	PT5	PT4	PT4	BULKHEADS TO BE PAINTED TO MATCH WALL COLOUR BELOW	
337B	FRIDGE ROOM	RF1	RF1 & RF2	PT4	PT4	PT5	PT4	PT4	BULKHEADS TO BE PAINTED TO MATCH WALL COLOUR BELOW	

FINISH SPECIFICATION SCHEDULE						
ABRV	MANUFACT.	PRODUCT	DESCRIPTION	APPLICATION	COMMENTS	
ACOUSTIC CEILING TILE						
ACT1	ARMSTRONG	CALA	2 X 2 WHITE	CEILING	T-BAR SYSTEM TO MATCH WHITE TILE FINISH	
ACT2	AKUSTUS	CEILING TILES	STRIPES ; REGULAR EDGE ; SIZE: 18mm/24mm X 605mm X 605mm ; PANEL DESIGN : DESIGN B ; CONFIG 2 ; COLOUR: IVORY SP77	CEILING	INTEGRATED INTO TYPICAL T-BAR SYSTEM (T-BAR SYSTEM FINISH TO MATCH TILES)	
ACT3	ARMSTRONG	ULTIMATE HIGH NRC	SIZE: 24"x48"x.75" TCK ; COLOUR: WHITE(WH)	CEILING	BY CLEAN ROOM SUPPLIER	
ACT4	ARMSTRONG	FELTWORKS ACOUSTICAL CEILING PANEL	SIZE: (CUSTOM SIZE REFER TO SPEC) +/- 14" x 14" x 1" TCK ; COLOUR: WHITE(FWH) ; MOUNTING METHOD: D-40	CEILING	NRC OF 0.90 TO BE ACHIEVED	
ACOUSTIC WALL PANEL						
AWP1	ARMSTRONG	INVISACOUSTICS WALLS	SIZE: 24"x48"x.75" TCK ; COLOUR: WHITE(WH)	WALL		
BACKPAINTED GLASS						
BPG1	CLARUS	BACKPAINTED GLASS	WALL2WALL ; COLOUR: WHITE	WALLS	REFER TO INTERIOR ELEVATIONS FOR DETAILS	
BPG2	-	-	REMOVED	-		
CARPET TILE						
CPT1	INTERFACE	ETCHED EARTH	SERIES #: EE712 ; COLOUR: STONE ; SIZE: 50cm X 50cm	FLOORING	INSTALLATION: MONOLITHIC	
COUNTER						
SS1	CORIAN	QUARTZ	COLOUR: NIGHT SOAPSTONE ; EDGE PROFILE: EASED EDGE ; THICKNESS: 2cm	COUNTER TOP		
FLOOR TRANSITION						
FT1	JOHNSONITE	WHEELED TRAFFIC TRANSITIONS	CTA 20 Y .080" TO .080" ; COLOUR: CHARCOAL	FLOOR TRANSITION	FINAL LOCATIONS & MATERIAL TRANSITION HEIGHTS TO BE VERIFIED ON SITE BY GC	
FT2	JOHNSONITE	WHEELED TRAFFIC TRANSITIONS	CTA 20 J 1/4" TO SUBFLOOR ; COLOUR: CHARCOAL	FLOOR TRANSITION	FINAL LOCATIONS & MATERIAL TRANSITION HEIGHTS TO BE VERIFIED ON SITE BY GC	
FT3	JOHNSONITE	WHEELED TRAFFIC TRANSITIONS	CTA 20 HT 1/4" TO .080" ; COLOUR: CHARCOAL	FLOOR TRANSITION	FINAL LOCATIONS & MATERIAL TRANSITION HEIGHTS TO BE VERIFIED ON SITE BY GC	
LAB COUNTERTOP						
SS2	FUNDERMAX	PHENOLIC - MAX RESISTANCE 2	THICKNESS: 1" ; COLOUR (TOP AND CORE): 2181 VOLCANO GREY	LAB COUNTERTOP	ALL CASEWORK AND "IMP" TOPS WITHIN LAB SPACE	
SS3	FUNDERMAX	PHENOLIC - MAX COMPACT (ESD COMPLIANT)	THICKNESS: 1" ; COLOUR (TOP AND CORE): 2181 VOLCANO GREY	LAB COUNTERTOP - CLEAN ROOM		
LUXURY VINYL TILE						
LVT1	INTERFACE	EARTHEN FORMS	HEARTH 4.5mm ; COLOUR: GRIS ; SIZE: 28cm X 1m	FLOORING	INSTALLATION: ASHLAR	
MILLWORK FINISH						
PLAM1	WILSONART	PLAM	LANDMARK WOOD 7981 ; VERTICLE GRAIN #12 SOFT GRAIN	MILLWORK FINISH	FOR CABINETS MILLWORKER TO PROVIDE A MATCHING MELAMINE OPTION	
PLAM2	-	-	REMOVED	-		
PAINT						
PT1	BENJAMIN MOORE		SIMPLY WHITE OC-117	COICO FIELD COLOUR: WALLS & DOOR TRIM & CEILING	WALLS: EGGSHELL ; CEILING: FLAT ; DOORS & TRIM: SATIN	
PT2	BENJAMIN MOORE		HUNTER GREEN 2041-10	COICO; ACCENT WALL	WALLS: EGGSHELL ; CEILING: FLAT ; DOORS & TRIM: SATIN	
PT3	BENJAMIN MOORE		REMOVED			
PT4	BENJAMIN MOORE	EPOXY PAINT	SIMPLY WHITE OC-117	QIS FIELD COLOUR: WALLS & CEILING	WALLS: EGGSHELL ; CEILING: FLAT ; DOORS & TRIM: SATIN	
PT5	BENJAMIN MOORE	EPOXY PAINT	PIKES PEAK GRAY 2127-50	QIS; ACCENT WALLS	WALLS: EGGSHELL ; CEILING: FLAT ; DOORS & TRIM: SATIN	
PT6	BENJAMIN MOORE		BLACK (TO MATCH EX DCA HM DOOR)	DOORS & DOOR TRIM	WALLS: EGGSHELL ; CEILING: FLAT ; DOORS & TRIM: SATIN	
RUBBER BASE						
RB1	JOHNSONITE	MILLWORK WALL BASE SERIES	STANCE : MW-20-X60 ; SIZE: 4.5"H x .35"D ; COLOUR: 20 CHARCOAL WG	WALL BASE	TO BE INSTALLED WITH CPT1 & LVT1	
RUBBER FLOORING						
RF1	NORA (INTERFACE)	NORAPLAN ENVIRONCARE	COLOUR: 7031 BASEBALL GAME ; W/ ELECTROSTATIC DISSIPATIVE ; SHEET FLOORING 3MM ; HEAT WELD COLOUR: 6708	FLOORING	REFER TO ROOM FINISH SCHEDULE - COLD WELD AT VERTICAL FLASH COVE BASE - COLD WELD COLOUR: 6708	
RF2	NORA (INTERFACE)	NORAPLAN ENVIRONCARE	COLOUR: 7045 ICE SKATING ; W/ ELECTROSTATIC DISSIPATIVE ; SHEET FLOORING 3MM ; HEAT WELD COLOUR: 2090	FLOORING	REFER TO ROOM FINISH SCHEDULE - COLD WELD AT VERTICAL FLASH COVE BASE - COLD WELD COLOUR: 2090	
RF3	NORA (INTERFACE)	NORAPLAN ENVIRONCARE	COLOUR: 7031 BASEBALL GAME ; SHEET FLOORING 3MM ; HEAT WELD COLOUR: 6708	FLOORING	REFER TO ROOM FINISH SCHEDULE - COLD WELD AT VERTICAL FLASH COVE BASE - COLD WELD COLOUR: 6708	
WINDOW FILM						
WFF1	LEVEY	WRITEGLASS	OPAQUE WHITE FILM WITH GLOSSY FINISH	INTERIOR SCREEN GLAZING	REFER TO INTERIOR ELEVATIONS FOR LOCATION AND SIZING	



ABBREVIATIONS			
A	AT	F	O
@	AIR BARRIER	FBT	ONTARIO BUILDING CODE
AB	AIR CONDITIONING	FD	ON CENTER
ACC	HANDICAP ACCUATOR	FE	OUTSIDE DIMENSION
ACP	ALUMINUM COMPOSITE PANEL	FE	OUTSIDE FACE
ADJ	ADJUSTABLE	FF	OVERFLOW DRAIN
AF	ACCESS FLOOR	FG	OFFICE
AFB	ACoustic FIRE BATT	FG	OVERHEAD
AFF	ABOVE FINISHED FLOOR	FN	OPDS
AIFB	ASPHALT IMPREGNATED FIBRE BOARD	FL	ONTARIO PROVINCIAL STANDARD DETAIL
AHU	AIR HANDLING UNIT	FLASH	ONTARIO PROVINCIAL STANDARD SPECIFICATION
AL	ALUMINUM	FND	ORIENTED STRAND BOARD
ALUM	ALUMINUM	FP	OPEN WEB STEEL JOIST
ANOD	ANODIZED	FR	
AP	ACCESS PANEL	FRG	
APPROX	APPROXIMATE	FRR	
AR	ABUSE RESISTANT	FS	
ARCH	ARCHITECTURAL	FT	
AUD	AUDITORIUM	FTG	
AVB	AIR / VAPOUR BARRIER	FUR	
B	AUDIO / VISUAL		
BD	BOARD	G	
BEW	BOTTOM EACH WAY	GA	
BG	BARRIER FREE	GALV	
BG	BUMPER GUARD	GC	
BLDG	BUILDING	GWB	
BLK	BLOCK	GL	
BL	BOTTOM LOWER LAYER	GLAZ	
BN	BENCH MARK	GRN	
BP	BASE PLATE	GWB	
BRD	BOARD	GWC	
BSMT	BASEMENT	GYP	
BSP	BENT STEEL PLATE		
BTM	BOTTOM	H	
BTW	BETWEEN	HB	
BUL	BOTTOM LOWER LAYER	HEF	
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DRAWING SYMBOL LEGEND	
<u>DRAWING NUMBER</u>	
A - ARCHITECTURAL C - CIVIL L - LANDSCAPE S - STRUCTURAL M - MECHANICAL E - ELECTRICAL	→ A001
<u>VIEW TITLE</u>	 <div><p>— DRAWING TITLE NUMBER</p><p>— DRAWING TITLE</p><p>VIEW NAME</p><p>SUBTITLE</p><p>— OPTIONAL SUBTITLE FOR DETAILS</p><p>— REFERENCE PAGE LOCATION</p><p>1:100</p><p>— SCALE</p></div>
<u>BUILDING SECTION</u>	 <div><p>— VIEW DIRECTION</p><p>— BUILDING SECTION NUMBER</p><p>— REFERENCE PAGE LOCATION</p></div>
<u>WALL SECTION</u>	 <div><p>— VIEW DIRECTION</p><p>— WALL SECTION NUMBER</p><p>— REFERENCE PAGE LOCATION</p></div>
<u>SECTION DETAIL</u>	 <div><p>— VIEW DIRECTION</p><p>— WALL SECTION NUMBER</p><p>— REFERENCE PAGE LOCATION</p></div>
<u>CALLOUT</u>	 <div><p>— PLAN / SECTION / DETAIL NUMBER</p><p>— REFERENCE PAGE LOCATION</p></div>
<u>EXTERIOR ELEVATION</u>	 <div><p>— VIEW DIRECTION</p><p>— ELEVATION NUMBER</p><p>— REFERENCE PAGE LOCATION</p></div>
<u>INTERIOR ELEVATION</u>	 <div><p>— VIEW DIRECTION AND ELEVATION NUMBER</p><p>— REFERENCE PAGE LOCATION</p></div>

4	ADDENDUM #1	2026 01 13
3	IFT	2025 11 27
2	ISSUED FOR 100% CD	2025 11 21
1	ISSUED FOR 90% CD	2025 10 17
No.	DESCRIPTION	DATE

REVISIONS:

DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT / ENGINEER BEFORE PROCEEDING.

ONLY FIGURED DIMENSIONS MUST BE USED.
THE CONTRACTOR MUST CHECK THE DIMENSIONS ON SITE.
DO NOT SCALE THE DRAWINGS.

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Hamilton, ON L8L 6A1
905.526.6700
www.mccallumsather.com

PROJECT:
**MCLENNAN PHYSICAL
LABORATORIES - P078-24-109 -
QIS LAB & CQIQC SUITE**

255 HURON STREET, TORONTO,
ONTARIO M5S 3J1

DRAWING TITLE:
DOOR & SCREEN SCHEDULE

SHEET SIZE: ARCH D (810x914) SCALE: As indicated

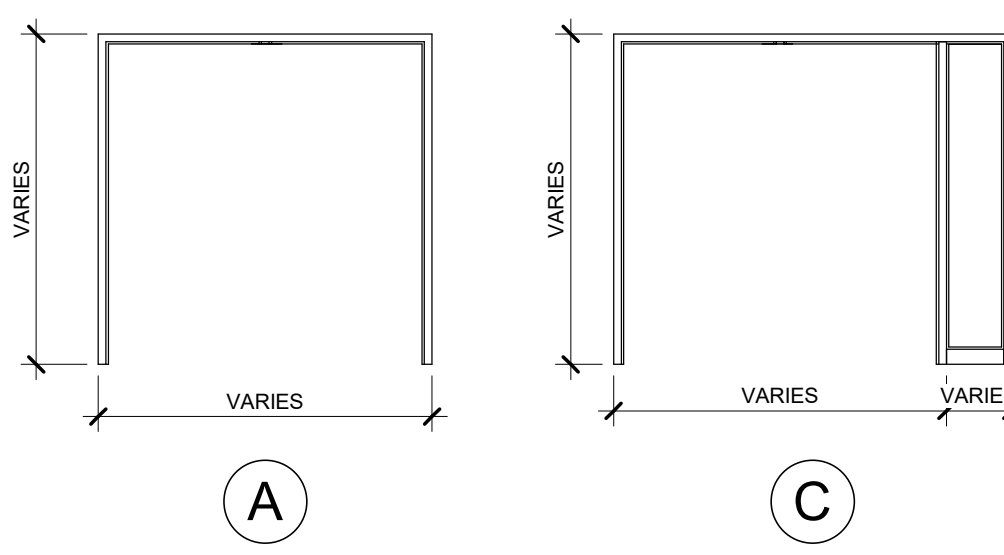
PROJECT NO: **24119**

DRAWING NO: **A002**

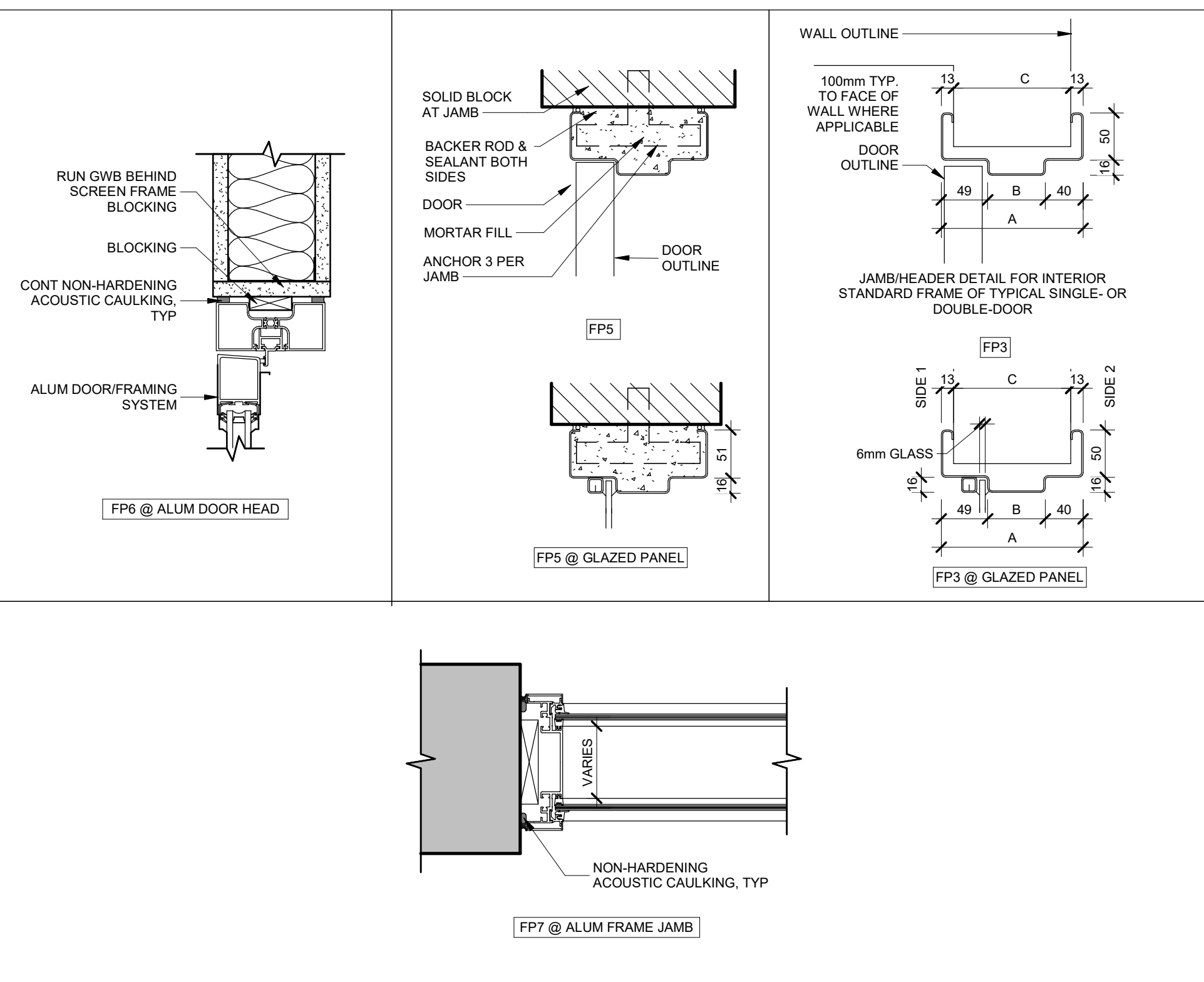
DOOR / FRAME SCHEDULE

NO.	ROOM NO.	FRR	DOOR							FRAME					REMARKS
			WIDTH	HEIGHT	THICKNESS	PANEL TYPE	MAT.	FINISH	GLASS	TYPE	PROFILE	MAT.	FINISH	GLASS	
331.1	331	45 MIN.	1045	2400	45	D	HM	PT	GL8	C	FP5	HM	PT	GL8	AUTOMATIC DOOR OPERATOR C/W ELECTRIC STRIKE, SELF CLOSER AND DEADLATCH, 200MM SS KICK PLATES, SS BUTT HINGES, CARD READER
331.2	331	-	813	2150	45	A	WD	STAIN TO MATCH PLAM1	-	A	FP3	HM	PT	-	LEVER SET, STOREROOM FUNCTION, SS BUTT HINGES
331.3	331	-	1000	2150	45	A	HM	PT	-	A	FP3	HM	PT	-	EQUAL DOUBLE SWING DOORS (500MM PANELS), LEVER PASSAGE SET, SS BUTT HINGES, WALL STOPS, SOUND SEAL
331A.1	331A	-	6638	2375	57	L	-	-	-	-	-	-	-	-	FOLDING PARTITION WALL BY MANUF SECURED TO STEEL FRAME - REFER TO STRUC DWGS FOR MOUNTING REQ'S AND CONFIRM ALL PROPOSED DIMENSIONS/SIZES W/ MANUF
331B.1	331B	-	995	2150	45	A	WD	STAIN TO MATCH PLAM1	-	C	FP3	HM	PT	GLX2	LEVER LOCK SET, SS BUTT HINGES, WALL STOP, SOUND SEAL, (SIDELIGHT: STC 38 - MIN 30MM THICK DOUBLE-GLAZED CONSTRUCTION (6MM GLASS, 18MM AIR GAP, 6MM GLASS))
331C.1	331C	-	995	2150	45	A	WD	STAIN TO MATCH PLAM1	-	C	FP3	HM	PT	GLX2	DOOR TO HAVE 950MM CLEAR OPENING, LEVER LOCK SET, SS BUTT HINGES, WALL STOP, SOUND SEAL, (SIDELIGHT: STC 38 - MIN 30MM THICK DOUBLE-GLAZED CONSTRUCTION (6MM GLASS, 18MM AIR GAP, 6MM GLASS))
331D.1	331D	-	995	2150	45	A	WD	STAIN TO MATCH PLAM1	-	C	FP3	HM	PT	GLX2	DOOR TO HAVE 950MM CLEAR OPENING, LEVER LOCK SET, SS BUTT HINGES, WALL STOP, SOUND SEAL, (SIDELIGHT: STC 38 - MIN 30MM THICK DOUBLE-GLAZED CONSTRUCTION (6MM GLASS, 18MM AIR GAP, 6MM GLASS))
331E.1	331E	-	950	2150	45	A	WD	STAIN TO MATCH PLAM1	-	A	FP3	HM	PT	-	DOOR TO HAVE 950MM CLEAR OPENING, LEVER LOCK SET, SS BUTT HINGES, WALL STOP, SOUND SEAL
336.1	336	45 MIN.	1829	2400	45	A	HM	PT	-	A	FP5	EX	PT	-	EX DOOR FRAME TO REMAIN C/W NEW DOUBLE SWING PANELS, LEVER SET, CARD READER, ELECTRIC STRIKE, SS BUTT HINGES, 150 MM DEADBOLTS TOP AND BOTTOM, FLOOR STOPS, SELF CLOSER
336A.1	336A	-	1000	2000	45	A	HM	PT	-	A	FP3	HM	PT	-	EQUAL DOUBLE SWING DOORS (500MM PANELS), LEVER PASSAGE SET, SS BUTT HINGES, WALL STOP ONE LEAF, FLOOR STOP FOR LEAF OPENING TO CONTROL PANELS, SOUND SEAL, CONFIRM DOOR FRAMING ROUGH-IN LOCATION AND DOOR SIZE W/ PROJECTION OF WALL MOUNTED MECHANICAL CONTROL PANELS AND ENSURE NO DOOR SWING CONFLICT - REPORT ANY CONFLICTS W/ ARCHITECT PRIOR TO ORDERING DOOR ELEC PANEL
337.1	337	45 MIN.	1524	2400	45	D	HM	PT	GL8	A	FP5	HM	PT	-	UNEQUAL DOUBLE SWING DOOR (850MM CLEAR OPENING ACTIVE LEAF), AUTOMATIC DOOR OPERATOR, ELECTRIC STRIKE, SELF CLOSER IN INACTIVE LEAF, SS BUTT HINGES, 200 MM SS KICK PLATES, WALL STOPS AND 150 MM DEAD BOLT AT TOP AND BOTTOM OF INACTIVE LEAF, CARD READER
337A.1	337A	-	1022	2150	45	K	AL	ANOD	Y	-	-	AL	ANDO	-	DOOR, GLASS AND FRAME BY CLEANROOM SUPPLIER, 3 SS BUTT HINGES, LOCKETSEST, SELF CLOSER, VISION STRIP AND PULL HANDLE
337B.1	337B	-	1200	2150	45	K	AL	ANOD	GLX1	-	FP6	AL	ANDO	-	MANUAL SLIDING DOOR W/ PULL HANDLE, ASTRAGAL COMPRESSIBLE SEALS AT THE HEAD, JAMB, AND IN BETWEEN THE DOOR PANELS FOR BI-PARTING DOORS, AUTOMATIC DOOR BOTTOMS
337B.2	337B	-	1828	2150	45	A	AL	ANOD	-	N/A	-	AL	ANDO	-	MANUAL SLIDING DOOR W/ PULL HANDLE, ASTRAGAL COMPRESSIBLE SEALS AT THE HEAD, JAMB, AND IN BETWEEN THE DOOR PANELS FOR BI-PARTING DOORS, AUTOMATIC DOOR BOTTOMS
337B.3	337	-	950	2150	45	B	AL	ANOD	GLX1	-	FP6	AL	ANDO	-	LEVER LOCK SET, SS BUTT HINGES, SELF CLOSER, DEADLATCH, FLOOR STOP

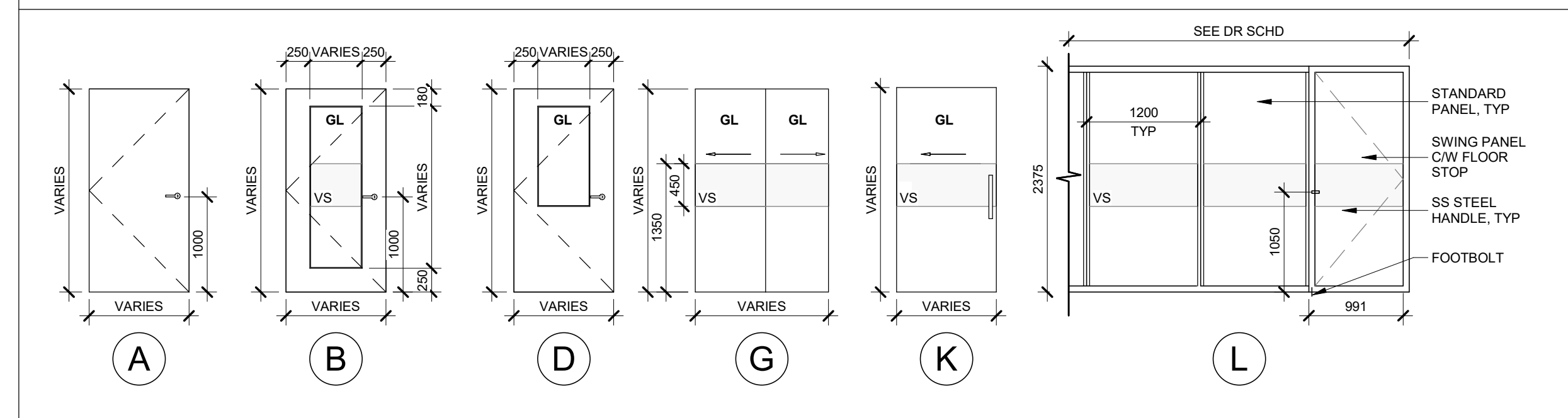
DOOR FRAME ELEVATION



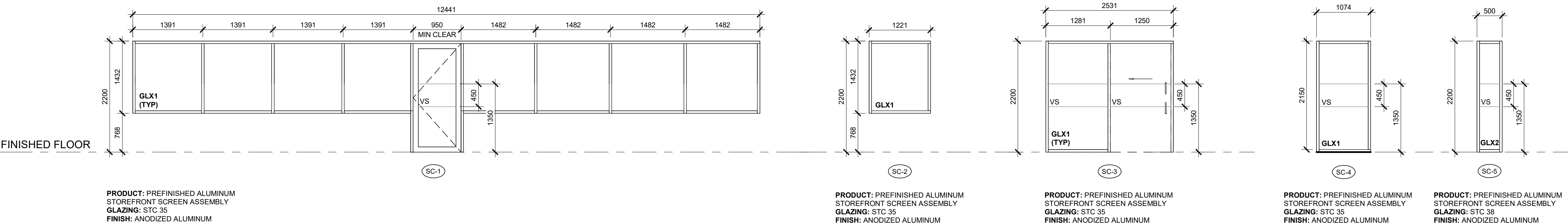
DOOR FRAME PROFILES & ASSEMBLIES



PANEL TYPES



SCREEN ELEVATIONS



PRODUCT: PREFINISHED ALUMINUM
STOREFRONT SCREEN ASSEMBLY
GLAZING: STC 35
FINISH: ANODIZED ALUMINUM

PRODUCT: PREFINISHED ALUMINUM
STOREFRONT SCREEN ASSEMBLY
GLAZING: STC 35
FINISH: ANODIZED ALUMINUM

PRODUCT: PREFINISHED ALUMINUM
STOREFRONT SCREEN ASSEMBLY
GLAZING: STC 35
FINISH: ANODIZED ALUMINUM

PRODUCT: PREFINISHED ALUMINUM
STOREFRONT SCREEN ASSEMBLY
GLAZING: STC 35
FINISH: ANODIZED ALUMINUM

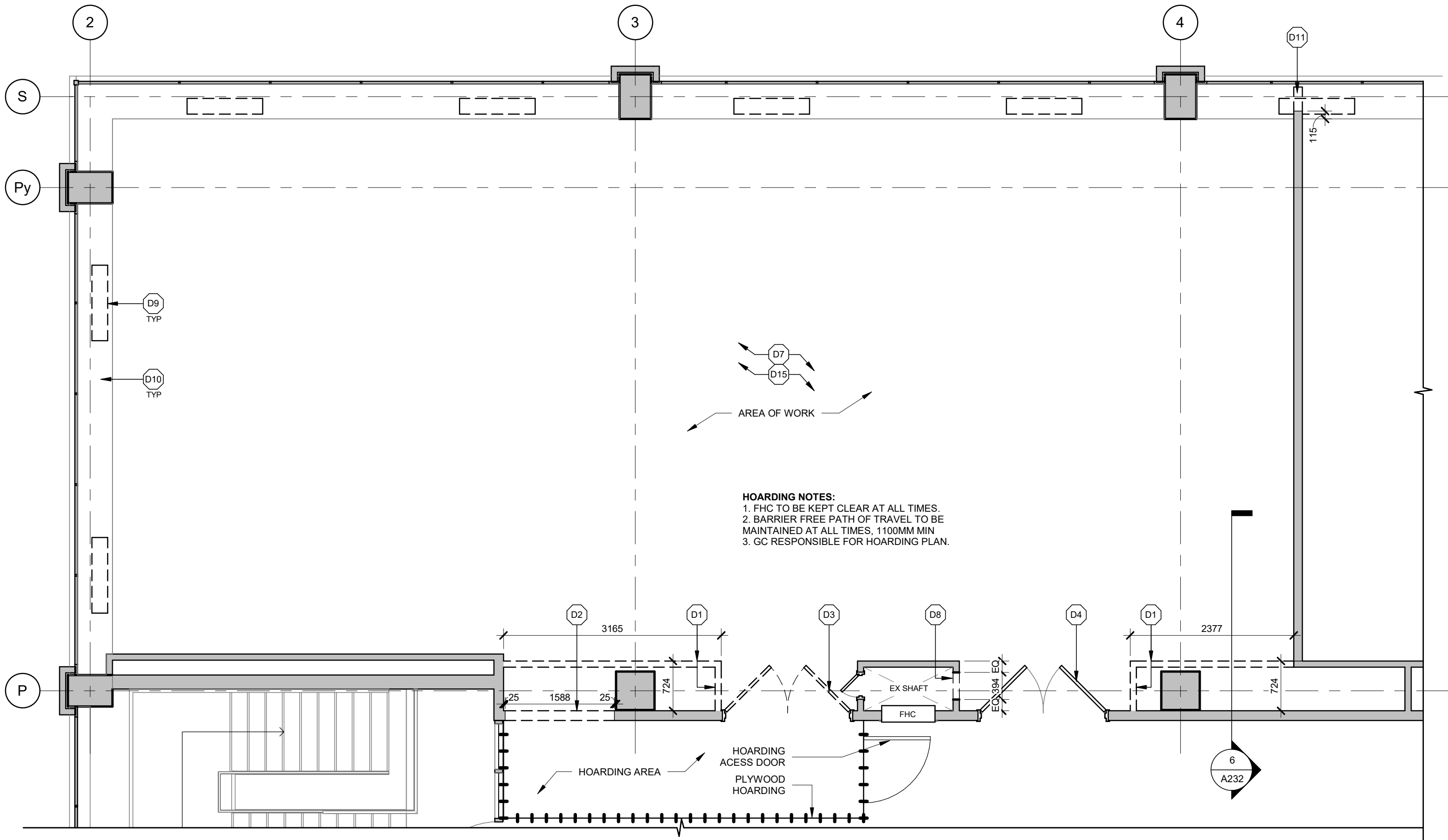
PRODUCT: PREFINISHED ALUMINUM
STOREFRONT SCREEN ASSEMBLY
GLAZING: STC 38
FINISH: ANODIZED ALUMINUM

GENERAL SCREEN NOTES

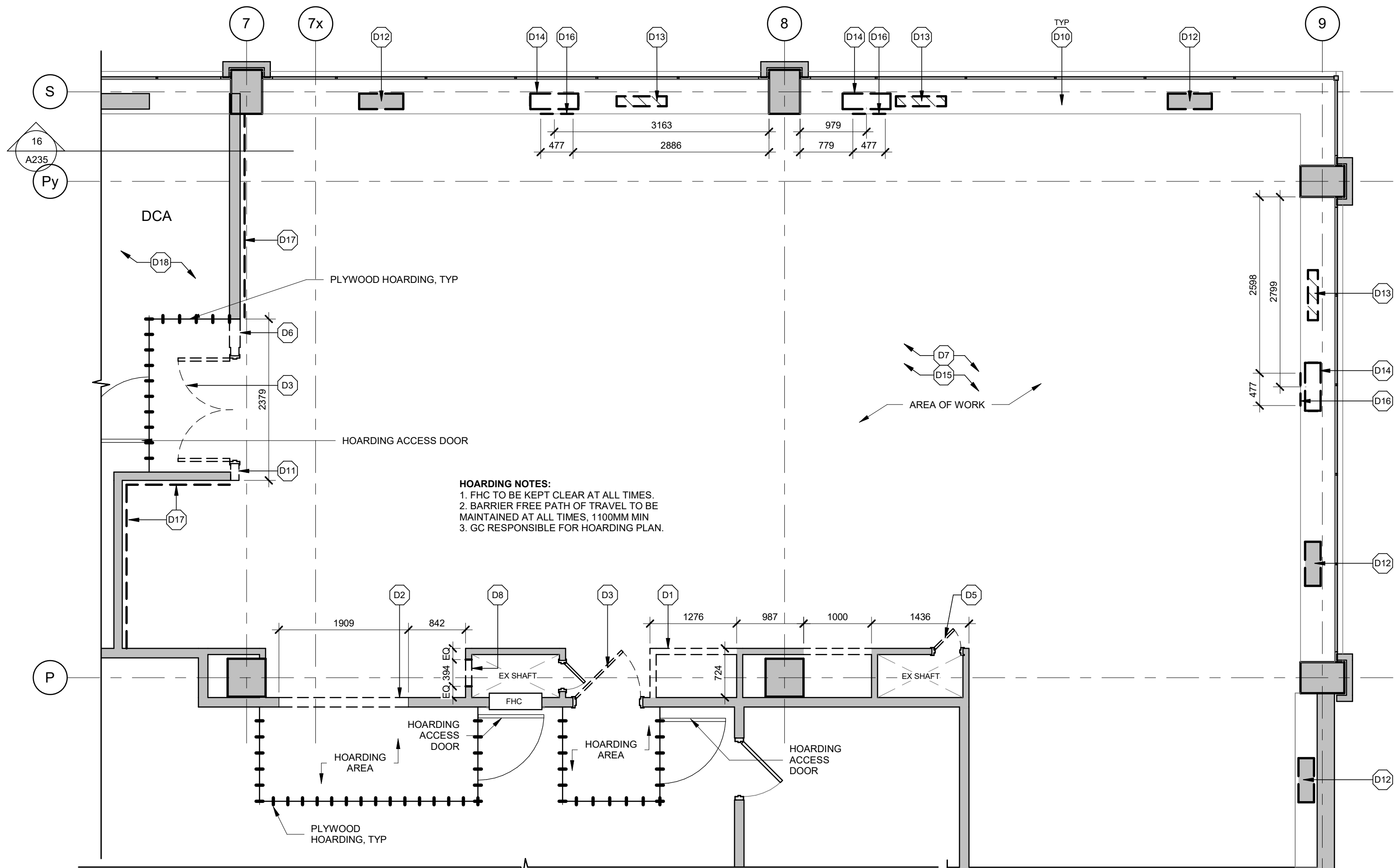
- REFER TO SYMBOL (SC-1) FOR LOCATIONS AS NOTED ON FLOOR PLANS, AND INTERIOR ELEVATIONS.
- ALL FRAMES AND MULLIONS ARE ALUMINUM UNLESS NOTED OTHERWISE.
- REFER TO INTERIOR ELEVATIONS FOR SIZES, GLAZING TYPES AND MULLION ARRANGEMENT.
- REFER TO SPECIFICATIONS FOR GLAZING TYPES.

SCREEN SCHEDULE NOTES

- DO NOT SCALE DRAWINGS.
- ALL MATERIAL AND WORKMANSHIP SHALL COMPLY WITH ALL APPLICABLE CANADIAN CONSTRUCTION STANDARDS AND THE ONTARIO BUILDING CODE (2024).
- THE CONTRACTOR SHALL SITE VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS ON SITE AND SHALL REPORT ALL DISCREPANCIES TO THE CONSULTANT PRIOR TO WINDOW FABRICATION.
- ALL APPLICABLE CLOSURE TRIM TO SUIT OPENINGS. COLOUR OF TRIM TO MATCH COLOUR OF WINDOW FRAMES.
- SEALANT AROUND WINDOW FRAMES INSIDE AND OUT. SEALANT COLOUR TO MATCH COLOUR OF FRAMES.
- REFER TO PLANS AND ELEVATIONS FOR VERTICAL MULLION ORIENTATION (MIRRORED CONDITION) AND INCIDENTAL SPANDREL CONDITIONS



1
A210
QIS LAB - DEMOLITION FLOOR PLAN
1:50



2
A210
CQIQC SUITE - DEMOLITION FLOOR PLAN
1:50

DEMOLITION PLAN KEYNOTES	
KEY	DESCRIPTION
D1	REMOVE EX CONCRETE BLOCK WALL TO US OF STRUCTURE ABOVE AND ANY ATTACHED SERVICES. PATCH AND REPAIR ADJACENT FINISHES AS A RESULT OF DEMOLITION.
D2	REMOVE PORTION OF EX CONCRETE BLOCK WALL TO ACCOMMODATE NEW DOOR OPENING. REFER TO DOOR SCHEDULE. PATCH AND REPAIR ADJACENT FINISHES AS A RESULT OF DEMOLITION.
D3	REMOVE EX DOOR AND FRAME. PATCH AND REPAIR ADJACENT FINISHES AS A RESULT OF DEMOLITION.
D4	REPLACE EX DOOR WITH NEW EX DOOR FRAME TO REMAIN.
D5	REMOVE EX ACCESS DOOR AND FRAME FOR RELOCATION INTO NEW FURRING WALL. REMOVE EX KEY LOCK DOOR HARDWARE AND PREPARE FOR NEW HARDWARE.
D6	REPLACE THIS PORTION OF EX WALL W/ STEEL STUD PARTITION. ADD GWB LAYERS TO BRING THIS SECTION FLUSH W/ THE MEETING ROOM WALL FACE. EXTEND THE FRAMING AND GWB TO THE US OF THE STRUCTURE ABOVE. SEAL ALL DUCT/AND OR PIPE PENETRATIONS TO MAINTAIN THE REQUIRED STC RATING.
D7	REMOVE EX LIGHT FIXTURES, WIRING, PIPING, MECHANICAL DUCTWORK, STRAPPING/ BLOCKING AND CEILING MOUNTED DEVICES WITHIN EX SUITE.
D8	REMOVE PORTION OF EX CONCRETE BLOCK WALL TO ACCOMMODATE NEW ACCESS DOOR IN EX SHAFT WALL. REFER TO DOOR SCHEDULE. PATCH AND REPAIR ADJACENT FINISHES AS A RESULT OF DEMOLITION.
D9	REMOVE EX HYDRONIC UNIT AND MECHANICAL LOUVRES.
D10	REMOVE EX WINDOW SILL.
D11	REMOVE PORTION OF EX PARTITION WALL AND ANY ATTACHED SERVICES. PATCH AND REPAIR ADJACENT FINISHES AS A RESULT OF DEMOLITION.
D12	SHADING DENOTES EX HYDRONIC UNIT TO BE REMOVED INCLUDING ALL MECHANICAL LOUVRES. PREPARE FOR INSTALLATION OF NEW HYDRONIC UNIT AS INDICATED IN THE FLOOR PLAN. C/W NEW MECHANICAL LOUVRES. CONFIRM EX WALL OPENING SIZE WITH SPECIFIED LOUVRE NOTED ON MECHANICAL DRAWINGS - INFILL OR ENLARGE EX OPENING TO SUIT NEW LOUVRE (CONFIRM ANY ENLARGEMENTS W/ STRUCTURAL). CONFIRM REQUIRED WINDOW SILL LOUVRE OPENING SIZE AND LOCATION W/ MECHANICAL DRAWINGS.
D13	REMOVE EX HYDRONIC UNIT AND ALL MECHANICAL LOUVRES.
D14	DASHED LINE DENOTES NEW LOCATION FOR NEW HYDRONIC UNIT. CONFIRM REQUIRED WINDOW SILL OPENING SIZE AND LOCATION FOR NEW LOUVRE W/ MECHANICAL DRAWINGS.
D15	SEAL AND FIRESTOP ALL EX CRACKS AND PENETRATIONS IN EX WAFFLE STRUCTURE AND FLOORING.
D16	DASHED LINE DENOTES LOCATION FOR NEW WALL OPENING FOR LOUVRE. CONFIRM REQUIRED OPENING SIZE AND LOCATION W/ MECHANICAL DRAWINGS.
D17	REMOVE EX GWB FROM THIS SIDE FACE ONLY AND PREPARE FOR NEW WORK.
D18	IDENTIFY AND REPLACE CEILING TILES AND T-BARS THAT REQUIRE REPLACEMENT IN THE DCA SUPPORT SPACES TO ACCOMMODATE HVAC REPLACEMENT. COORDINATE WITH CONSULTANTS AND THE CLIENT BEFORE PROCEEDING WITH THE WORKS.

HOARDING NOTES

DRAWINGS & SPECIFICATIONS OF ALL DISCIPLINES TO BE READ TOGETHER. ANY NOTE, DRAWING, OR DETAIL SHOWN OR SPECIFIED IN ONE DISCIPLINE IS APPLICABLE TO ALL DISCIPLINES.

- HOARDING SHOWN IS SCHEMATIC. EXACT HOARDING REQUIREMENT AND STRATEGY TO BE DETERMINED ON SITE IN CONSULTATION W/ OWNER'S PROJECT MANAGEMENT REPRESENTATIVES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP A DETAILED PLAN THAT COULD INCLUDE ANY REQUIREMENTS THAT ARE NOT SHOWN ON THE DRAWINGS AND ARE DEEMED NECESSARY.
- ANY REQUIRED TURN-OVER OF CORRIDOR AREAS APART FROM GENERAL TURN-OVERS SHOWN ARE EXPECTED TO BE FOR SHORT PERIODS OF TIME, AFTER-HOURS AS FEASIBLE. IN GENERAL, IF REQUIRED INCLUDE FOR AFTER-HOURS BETWEEN THE HOURS OF 10PM TO 8AM FOR CORRIDOR WORK NOT SHOWN IN GENERAL/ARCHITECTURAL PHASES.
- CONTRACTOR TO PROVIDE CLEAR PATH FOR FIRE-EXITING (IF REQUIRED - COORDINATE WITH MUNICIPAL AUTHORITY) AND FOR USER ACCESS (COORDINATE WITH OWNER). FREE AND CLEAR PATHS OF TRAVEL TO BE PROVIDED BY CONTRACTOR TO THE OUTSIDE, INCLUDING ANY REQUIRED PROTECTION - TO BE FURTHER REFINED BY CONTRACTOR AT TIME OF CONSTRUCTION. TEMPORARY EXIT PATH TO BE CLEARLY IDENTIFIED VIA CONTINUOUSLY POSTED SIGNAGE. CONTRACTOR TO PROVIDE FIRE WATCH WHEN LIFE SAFETY SYSTEMS ARE SHUT DOWN FOR INTEGRATION WITH NEW SYSTEMS.
- MECHANICAL AND ELECTRICAL WORK EXTENDS BEYOND THE PROJECT AREA IDENTIFIED ON THE ARCHITECTURAL PLAN DRAWINGS. ALLOW FOR HOARDING - TO PROVIDE A SAFE WORK AREA AND FOR AFTER-HOURS WORK FOR ALL WORK IN THESE AREAS.
- WHERE EXISTING FIRE SEPARATIONS ARE REMOVED AS PART OF THE WORK, PROVIDE HOARDING WITH EQUAL FIRE RATING AT REMOVED WALL.
- DOORS IN HOARDING TO BE MIN 900MM x 200MM C/W WEATHERSTRIPPING AND FLOOR SWEEPS. PROVIDE KEYPAD LOCKSET AT EACH HOARDING DOOR. MINIMIZE DISRUPTION TO USERS DURING CONSTRUCTION.
- PROVIDE TEMPORARY/NIGHTLY HOARDING TO CONSIST OF CONTINUOUS 6MIL (0.15MM) POLY SEALED TO FLOOR, WALLS, AND US OF EXISTING CEILINGS.
- HOARDING TO BE PROVIDED IN CONJUNCTION W/ PHASING, AS APPLICABLE.
- HOARDING TO BE COORDINATED W/ LOCATIONS OF EXISTING DEVICES (PULL STATIONS, CARD READERS, ETC WHERE APPLICABLE) TO REMAIN IN SERVICE DURING CONSTRUCTION.
- PROVIDE TEMPORARY/NIGHTLY HOARDING AS REQUIRED BY OWNER FOR FINISHING WORK TO BE COMPLETED FOLLOWING REMOVAL OF HOARDING PARTITIONS. UPON REMOVAL OF HOARDINGS, MAKE GOOD AND CLEAN ALL ADJACENT AREAS AND SURFACES AS APPLICABLE.

GENERAL DEMOLITION NOTES

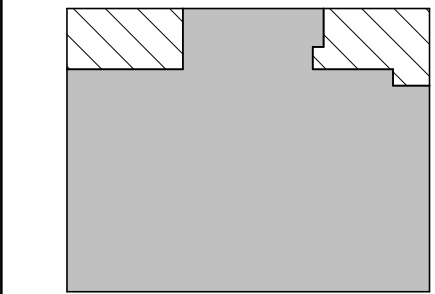
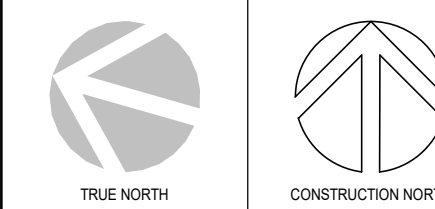
- DISPOSE OF REMOVED ITEMS IN A LAWFUL MANNER IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE MUNICIPALITY HAVING JURISDICTION.
- ALL EXISTING WALLS AND ITEMS TO BE REMOVED SHOWN DASHED.
- ALL EXISTING WALLS TO REMAIN ARE SHOWN SHADED.
- OWNER TO HAVE THE RIGHT TO FIRST REFUSAL OF ALL ITEMS REMOVED. ITEMS TO BE STORED IN A DRY AND SECURE LOCATION. ALL REMOVED ITEMS SHALL BE DISPOSED OF AS PER NOTE No. 1.
- COORDINATE WITH STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS ALL RELATED COMPONENTS OF DEMOLITION, MODIFICATION AND NEW INSTALLATION.
- REMOVE, RELOCATE AND/OR RE-ROUTE ALL MECHANICAL AND ELECTRICAL SERVICES AND CONNECTIONS AS REQUIRED TO ACCOMMODATE DEMOLITION OR AS NECESSARY AS A RESULT OF DEMOLITION.
- SUPPLY AND INSTALL ALL NECESSARY SHORING AND/OR BRACING AS REQUIRED FOR TEMPORARY SUPPORT OF EXISTING STRUCTURE. COORDINATE WITH A STRUCTURAL ENGINEER AS REQUIRED.
- ENSURE ALL FLOOR AREAS ARE FREE OF HAZARDS AFTER DEMOLITION IS COMPLETE. LEVEL, PATCH, FILL, SEAL AND GRIND FLOOR AS REQUIRED TO ACHIEVE A SMOOTH SANITARY SURFACE READY TO RECEIVE FLOOR FINISH.
- CARE SHALL BE TAKEN TO MINIMIZE DAMAGE TO EXISTING ABUTTING WALLS, SURFACES AND FINISHES TO REMAIN.
- PROTECT SALVAGED AND/OR ITEMS TO REMAIN FROM DAMAGE. PROVIDE ADEQUATE COVERINGS AND/OR STORAGE AS REQUIRED.
- EXISTING EXIT SIGNAGE, FIRE ALARM SYSTEM AND EMERGENCY LIGHTING TO BE LEFT IN OPERATION DURING DEMOLITION AND DURATION OF CONTRACT OR UNTIL NEW INSTALLED.
- COORDINATE WITH OWNER AREA(S) FOR WASTE BIN LOCATION. SUPPLY AND MAINTAIN PROTECTIVE MEASURES TO ENSURE THE PUBLIC'S SAFETY.
- COORDINATE WITH THE OWNER ANY STAGING OF WORK AND/OR DISRUPTIONS TO PARKING AND TRAFFIC FLOWS.
- SHOULD MATERIAL RESEMBLING SPRAY OR TROWEL APPLIED ASBESTOS OR OTHER TOXIC OR HAZARDOUS MATERIALS BE ENCOUNTERED IN THE COURSE OF DEMOLITION, STOP WORK, TAKE PREVENTATIVE MEASURES AND NOTIFY ARCHITECT AND/OR OWNER IMMEDIATELY. DO NOT PROCEED UNTIL WRITTEN INSTRUCTIONS HAVE BEEN RECEIVED.
- CONTRACTOR TO EXAMINE EXISTING CONDITIONS ON SITE AFFECTING DIVISION OF WORK. NO CLAIM FOR PAYMENT SHALL BE MADE FOR EXTRA WORK MADE NECESSARY BY CIRCUMSTANCES ENCOUNTERED DUE TO CONDITIONS WHICH WERE VISIBLE UPON, OR REASONABLY INFERABLE, FROM AN EXAMINATION OF THE SITE PRIOR TO SUBMISSION OF THE BID. THIS INCLUDES BUT IS NOT LIMITED TO THE SERVICES ABOVE THE CEILING.
- CONTRACTOR MUST OBTAIN DEMOLITION PERMITS REQUIRED BY RELEVANT AUTHORITIES BEFORE THE COMMENCEMENT OF THE WORK.
- DURING DEMOLITION, CONTRACTOR TO PREVENT DUST, DIRT AND DEBRIS FROM RISING OR MIGRATING TO OTHER AREAS BY HANGING 0.5mm POLY SHEETS BETWEEN AREAS OF CONSTRUCTION. PROTECT EXISTING HVAC UNITS FROM CONTAMINATION AND REPLACE FILTERS UPON COMPLETION OF DEMOLITION.
- CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN THE INTEGRITY OF THE BUILDING CORE.
- DEMOLITION OCCURRING BEYOND THE SCOPE IDENTIFIED IS TO BE REPAIRED OR REPLACED TO ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR TO PATCH CEILING, ADJACENT WALLS AND FLOOR SURFACES AS REQUIRED AFTER DEMOLITION. ALL STRIPPED SURFACES TO BE LEFT IN SMOOTH CONDITION SUITABLE TO RECEIVE NEW FINISHES.
- ELECTRICAL SERVICES TO BE REMOVED ARE TO BE SAFELY CAPPED, COMPLIANT WITH THE APPLICABLE CODES.
- ALL CUTTING AND PATCHING OF EXISTING FINISHES WILL BE DONE TO THE HIGHEST STANDARD.
- GENERAL CONTRACTOR TO ENSURE ALL FLOOR AREAS ARE FREE OF HAZARDS AFTER DEMOLITION AND DURING CONSTRUCTION.

DEMOLITION PLAN LEGEND

- EXISTING WALL TO REMAIN (SHOWN SHADED)
- EXISTING WALL TO BE DEMOLISHED
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING DOOR AND FRAME TO BE DEMOLISHED
- SHADED AREA REPRESENTS EXISTING BUILDING NOT IN SCOPE AND TO REMAIN AS IS



PROJECT LOGO



KEY PLAN



DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT / ENGINEER BEFORE PROCEEDING. ONLY FIGURED DIMENSIONS MUST BE USED. THE CONTRACTOR MUST CHECK THE DIMENSIONS ON SITE. THE DRAWING IS PROTECTED BY COPYRIGHT. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS. DO NOT SCALE THE DRAWINGS.

PRELIMINARY - NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE
7	ADDENDUM #1	2025 01 13
6	IFT	2025 11 27
5	ISSUED FOR 100% CD	2025 11 21
4	ISSUED FOR 90% CD	2025 10 17
3	ISSUED FOR PERMIT	2025 10 03
2	ISSUED FOR 100% R1	2025 09 19
1	ISSUED FOR 100% SD	2025 07 11

REVISIONS

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286 Sanford Ave. N
Hamilton, ON L8L 6A1
905.526.6700
www.mccallumsather.com

PROJECT:
**MCLENNAN PHYSICAL
LABORATORIES - P078-24-109 -
QIS LAB & CQIQC SUITE**

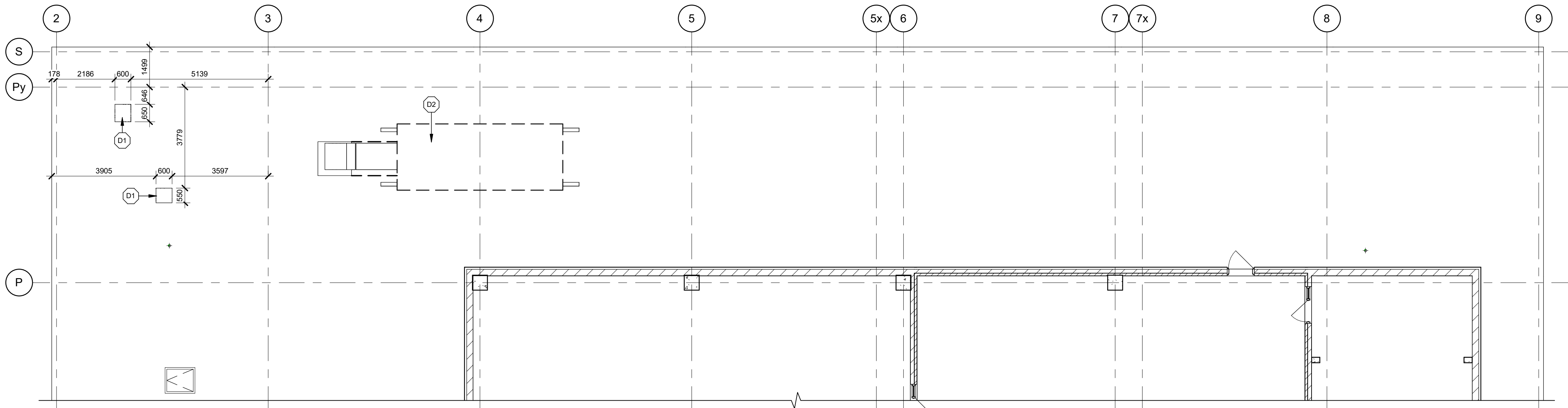
**255 HURON STREET, TORONTO,
ONTARIO M5S 3J1**

DRAWING TITLE:
DEMOLITION FLOOR PLANS

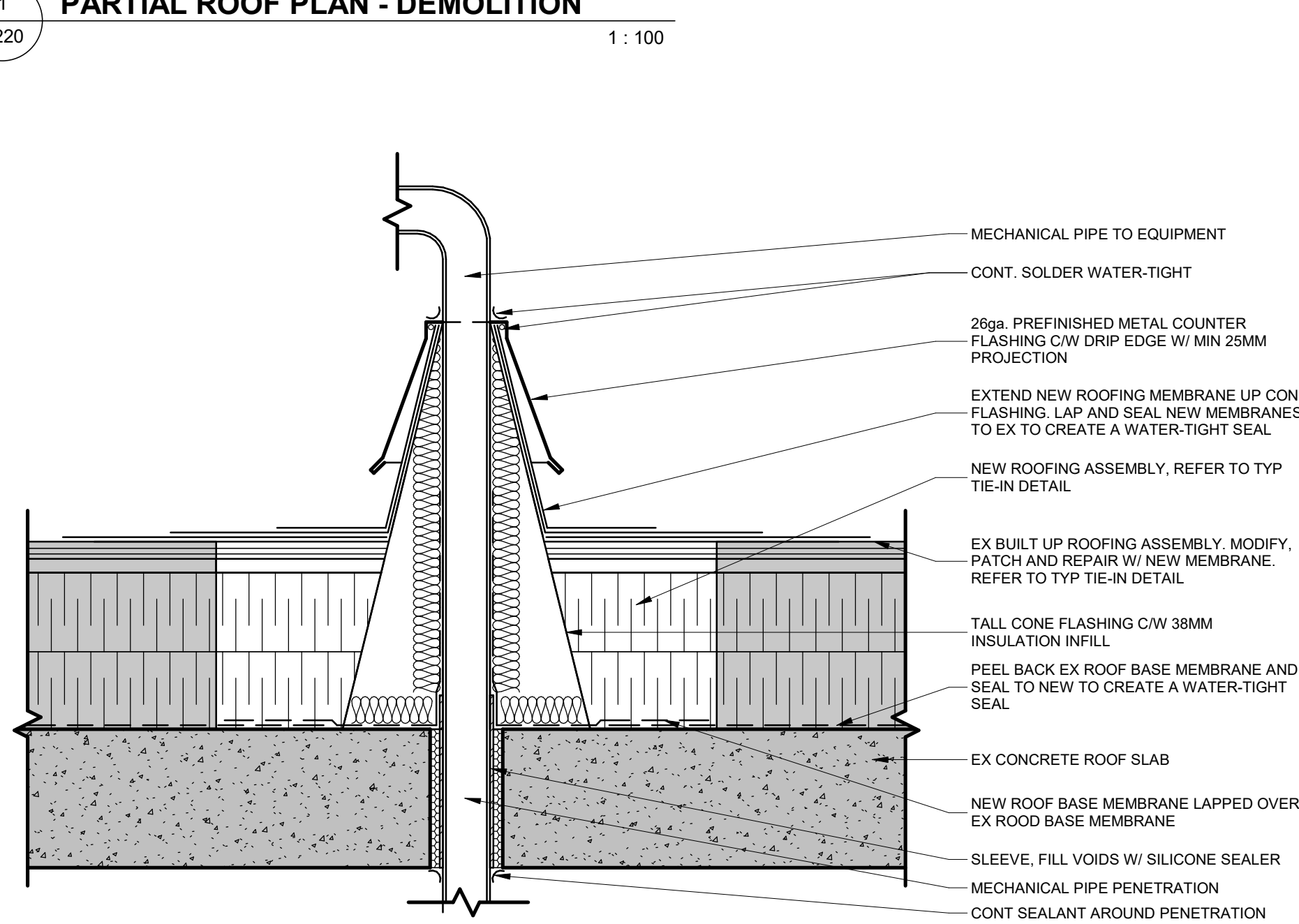
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PROJECT NO: **24119**

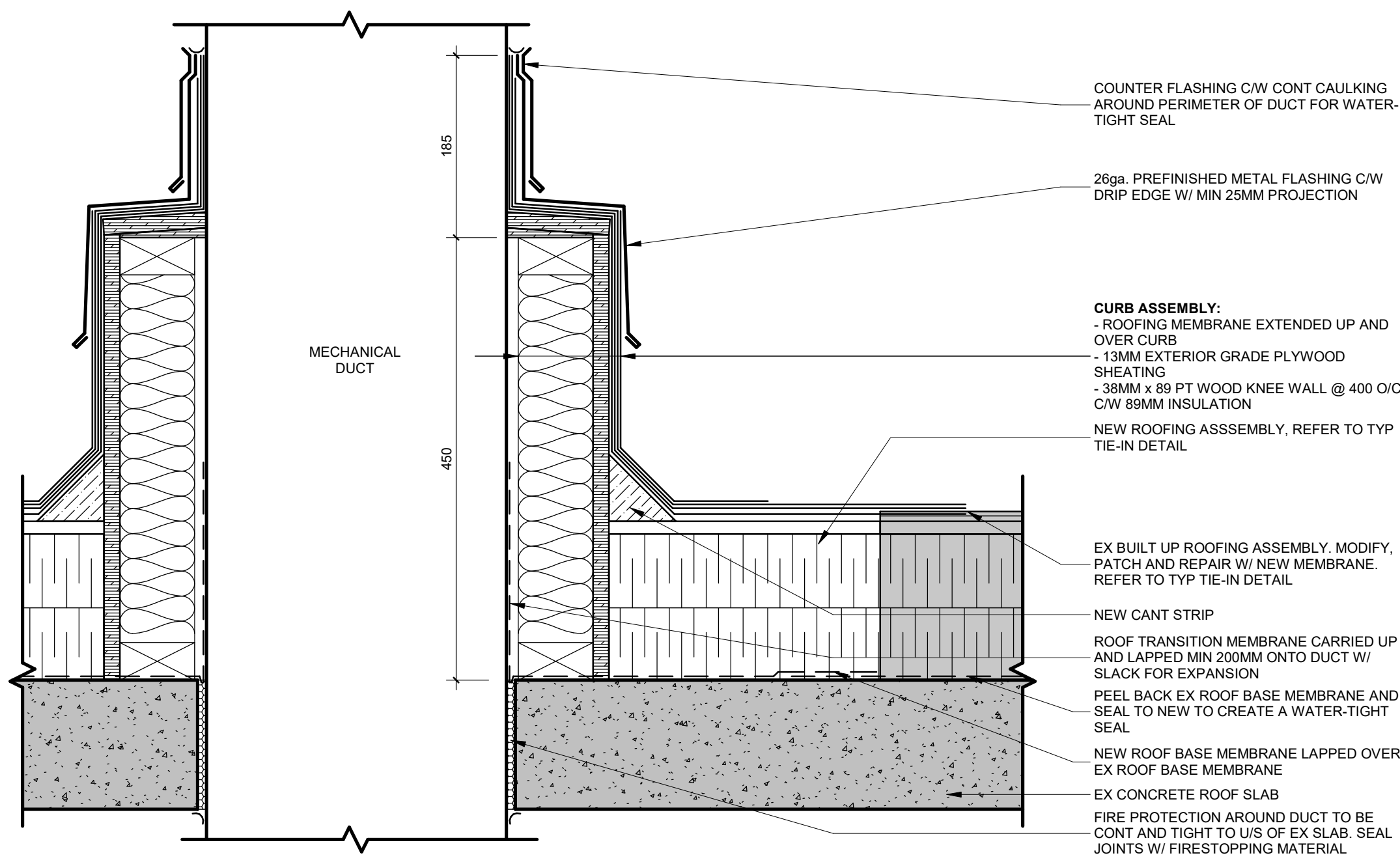
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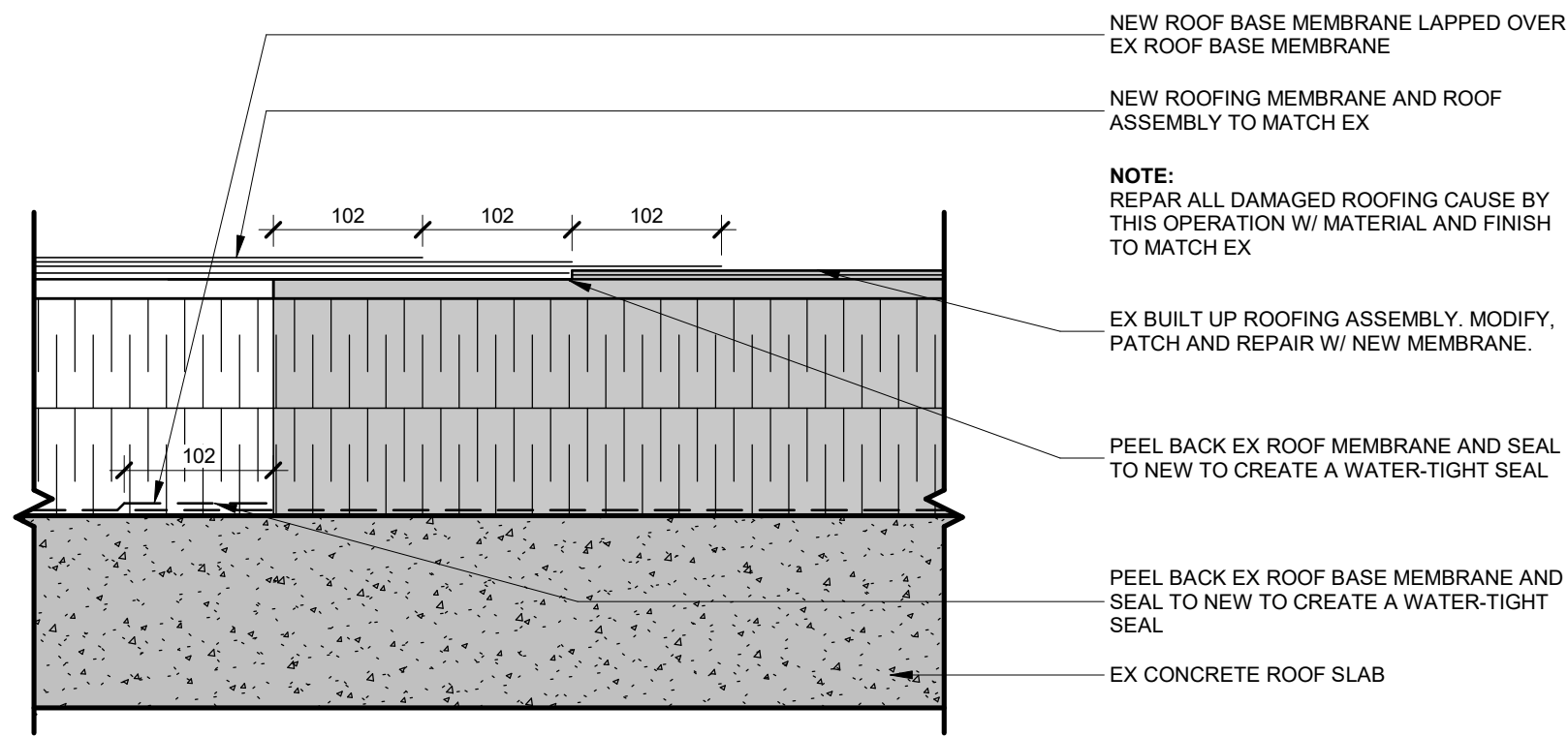
1
A220
PARTIAL ROOF PLAN - DEMOLITION
1 : 100



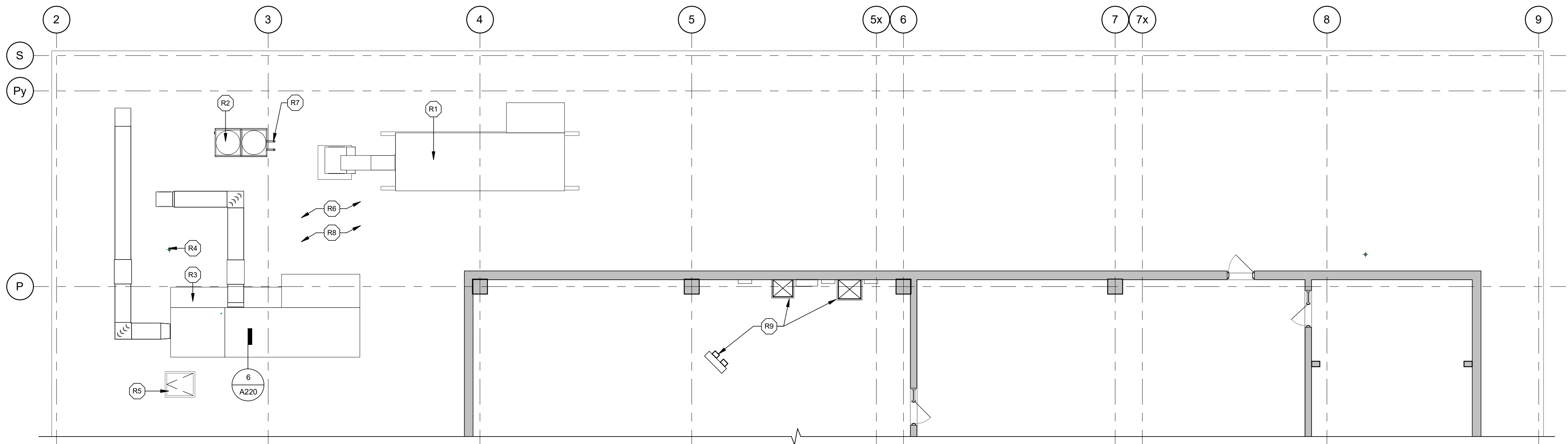
3
A220
MECH PIPE PENETRATION DETAIL
1 : 5



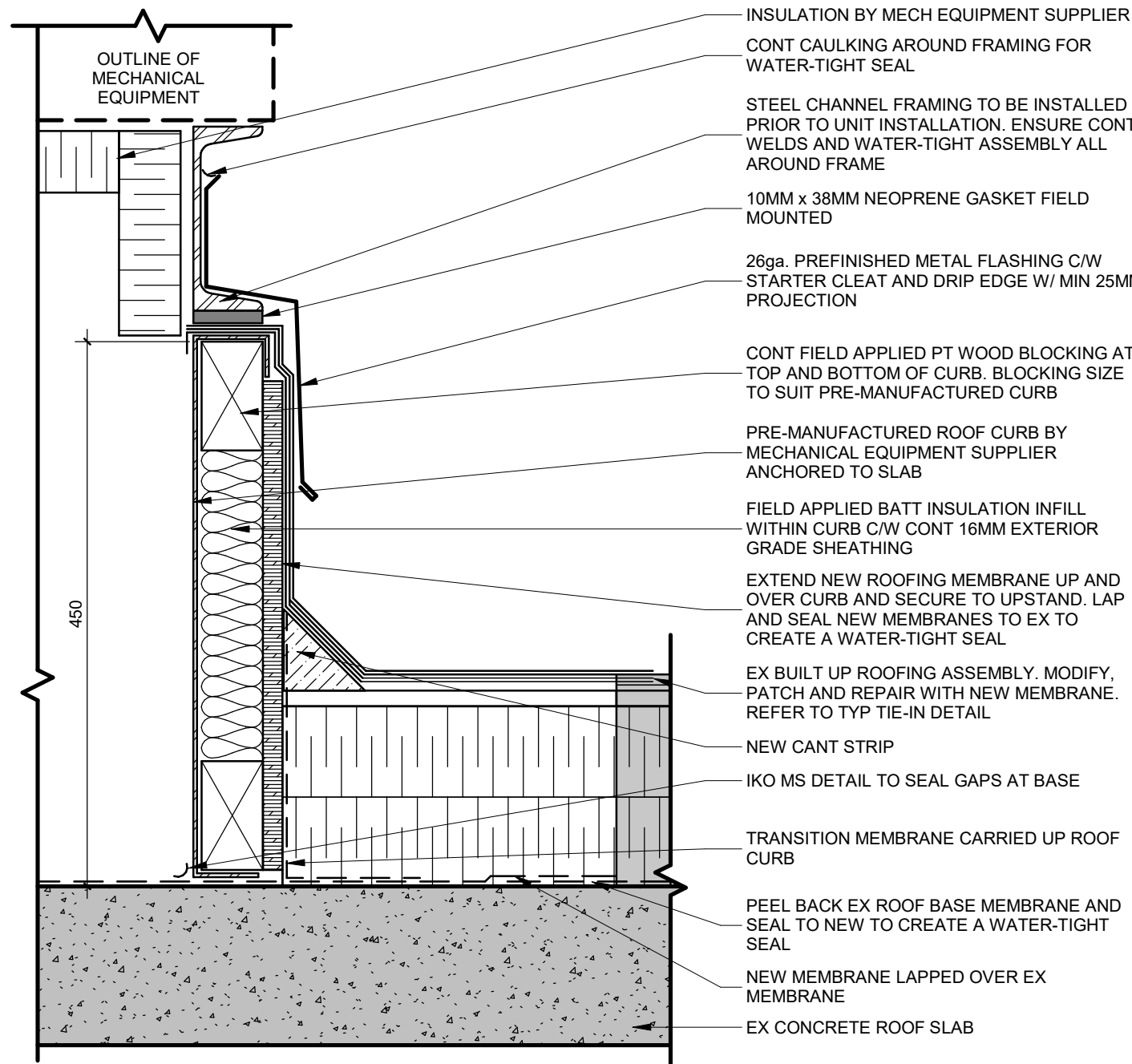
4
A220
MECH DUCT PENETRATION DETAIL
1 : 5



5
A220
ROOF TIE-IN TYP DETAIL
1 : 5



2
A220
PARTIAL ROOF PLAN - RENOVATION
1 : 100



6
A220
MECH ROOF CURB DETAIL
1 : 5

ROOF PLAN GENERAL NOTES	
1.	MAINTAIN A CLEAN AND ORDERLY SITE AT ALL TIMES. ALL DEBRIS AND EXCESS MATERIALS NOT REQUIRED SHALL BE CLEARED FROM ROOF TOP NIGHTLY. ANY MATERIALS STORED ON THE ROOF SHALL BE PROPERLY SECURED TO PREVENT UPLIFT.
2.	MATERIALS THAT ARE STORED ON THE ROOF SHALL BE PLACED ON PROPER SLEEPERS TO PREVENT ANY DAMAGE TO THE EXISTING ROOFING AND ALLOW FOR PROPER WATER DRAINAGE ACROSS THE ROOF.
3.	COORDINATE WITH OWNER AREA(S) FOR TAR KETTLE LOCATION AND MATERIALS STORAGE. SUPPLY AND INSTALL PROTECTIVE MEASURES TO ENSURE THE GENERAL PUBLIC'S SAFETY.
4.	COORDINATE WITH OWNER ANY STAGING OF WORK.
5.	PROTECTIVE MEASURES SHALL BE TAKEN TO PREVENT DAMAGE TO THE EXISTING ROOF MEMBRANE AND THE EXISTING ROOF TOP UNITS THAT ARE TO REMAIN.
6.	ALL EXISTING HVAC UNIT AND CONDENSER LOCATIONS ARE TO BE CONFIRMED ON SITE. SEE MECHANICAL DRAWINGS FOR ALL NEW HVAC AND/OR CONDENSER LOCATIONS.

ROOF PLAN DEMOLITION KEYNOTES	
KEY	DESCRIPTION
D1	NEW DUCT PENETRATION THROUGH EX ROOF FOR NEW AHU DUCTWORK - CONFIRM REQUIRED SIZE AND LOCATION WITH CONSULTANTS PRIOR COMMENCING WITH THE WORKS. PATCH AND REPAIR ROOF ASSEMBLY TO ACCOMMODATE PENETRATIONS.
D2	REMOVE EX AHU TO ACCOMMODATE NEW AHU.

ROOF PLAN KEYNOTES	
KEY	DESCRIPTION
R1	NEW AHU TO SERVE DCA SUPPORT AND CQICQ. NEW HVAC DUCT TO UTILIZE EX DOGHOUSE. MODIFY EXISTING CURB TO SUITE NEW AHU, PATCH, REPAIR AND SEAL.
R2	NEW CHILLER TO SERVE QIS LAB. REFER TO STRUCTURE FOR CURB DESIGN.
R3	PATCH AND REPAIR THE ROOF ASSEMBLY AROUND THE NEW PRE-MANUFACTURED ROOF CURB. THE GC SHALL ASSESS THE REQUIRED AREA OF THE EXISTING ROOF ASSEMBLY AND PERFORM ALL MODIFICATIONS AND PATCHING NECESSARY TO INTEGRATE THE NEW EQUIPMENT CURB AND MAINTAIN THE ENVELOPE INTEGRITY.
R4	EX ROOF DRAIN TO REMAIN.
R5	EX ROOF ACCESS HATCH TO REMAIN.
R6	EX ROOFING TO REMAIN.
R7	NEW PIPE PENETRATIONS THROUGH EXISTING ROOF FOR NEW CHILLER - CONFIRM REQUIRED SIZE AND LOCATIONS WITH CONSULTANTS PRIOR COMMENCING WITH THE WORK. PATCH AND REPAIR ROOF ASSEMBLY TO ACCOMMODATE PENETRATION.
R8	ADD AND/OR MODIFY EX ROOF PAVERS WHERE NECESSARY TO FACILITATE ACCESS TO NEW MECH UNITS.
R9	ELECTRICAL EQUIPMENT

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KEY PLAN

7. ADDENDUM #1 2026 01 13

6. IFT 2025 11 27

5. ISSUED FOR 100% CD 2025 11 21

4. ISSUED FOR RMC CD 2025 10 17

3. ISSUED FOR PERMIT 2025 10 03

2. ISSUED FOR 100% R1 2025 09 19

1. ISSUED FOR 100% SD 2025 07 11

No. DESCRIPTION DATE

REVISIONS:

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PROJECT:

MCLENNAN PHYSICAL LABORATORIES - P078-24-109 - QIS LAB & CQICQ SUITE

255 HURON STREET, TORONTO, ONTARIO M5S 3J1

DRAWING TITLE:






PARTIAL ROOF PLANS

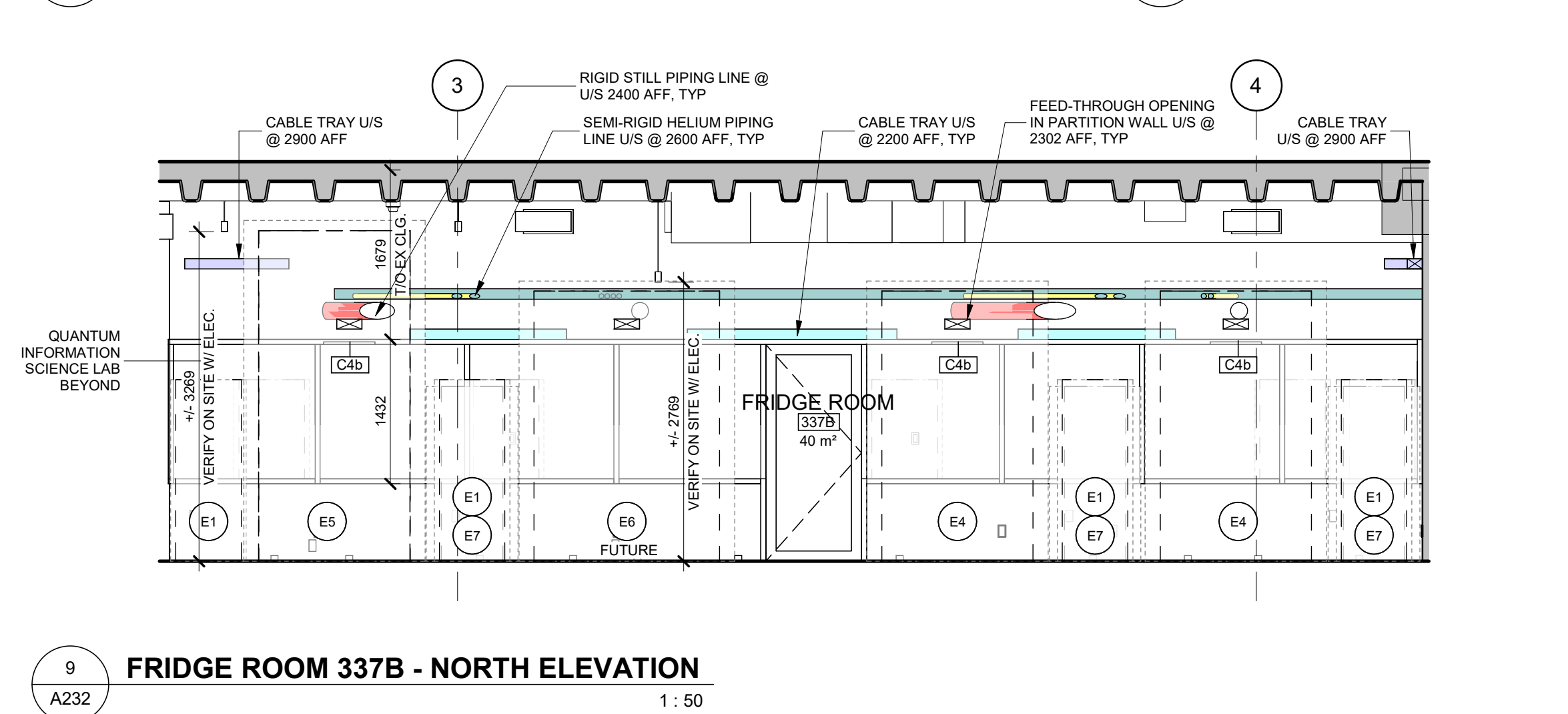
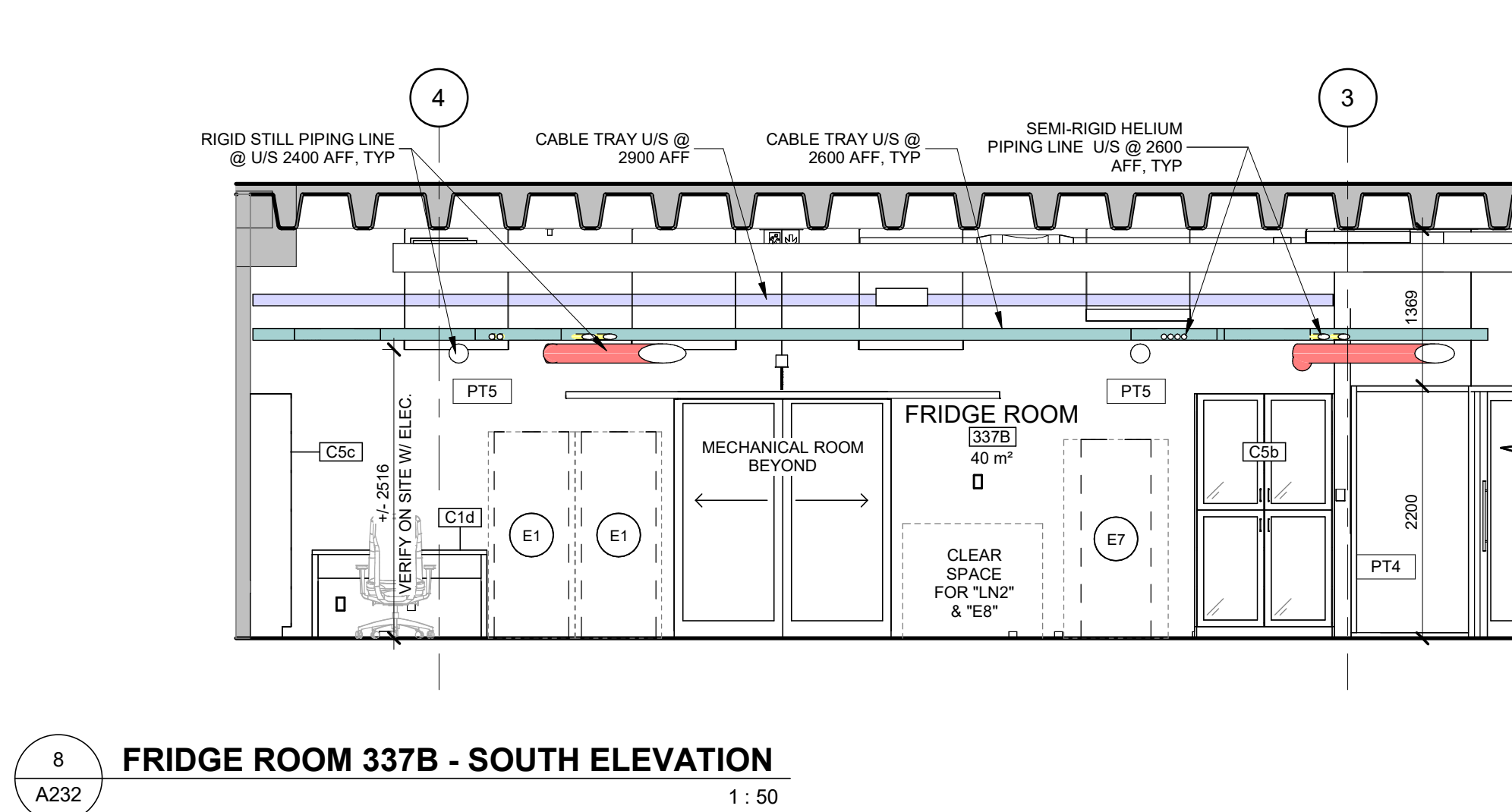
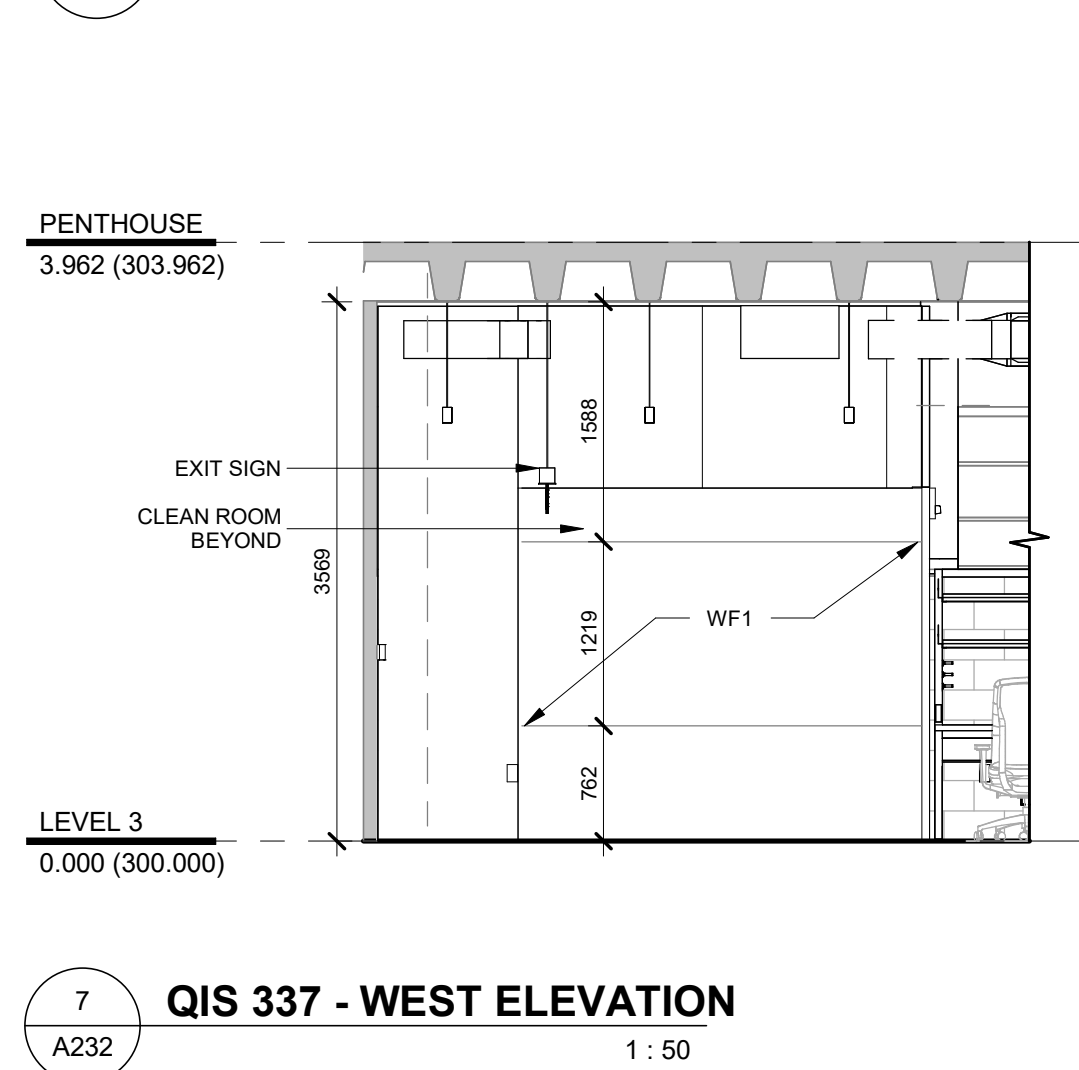
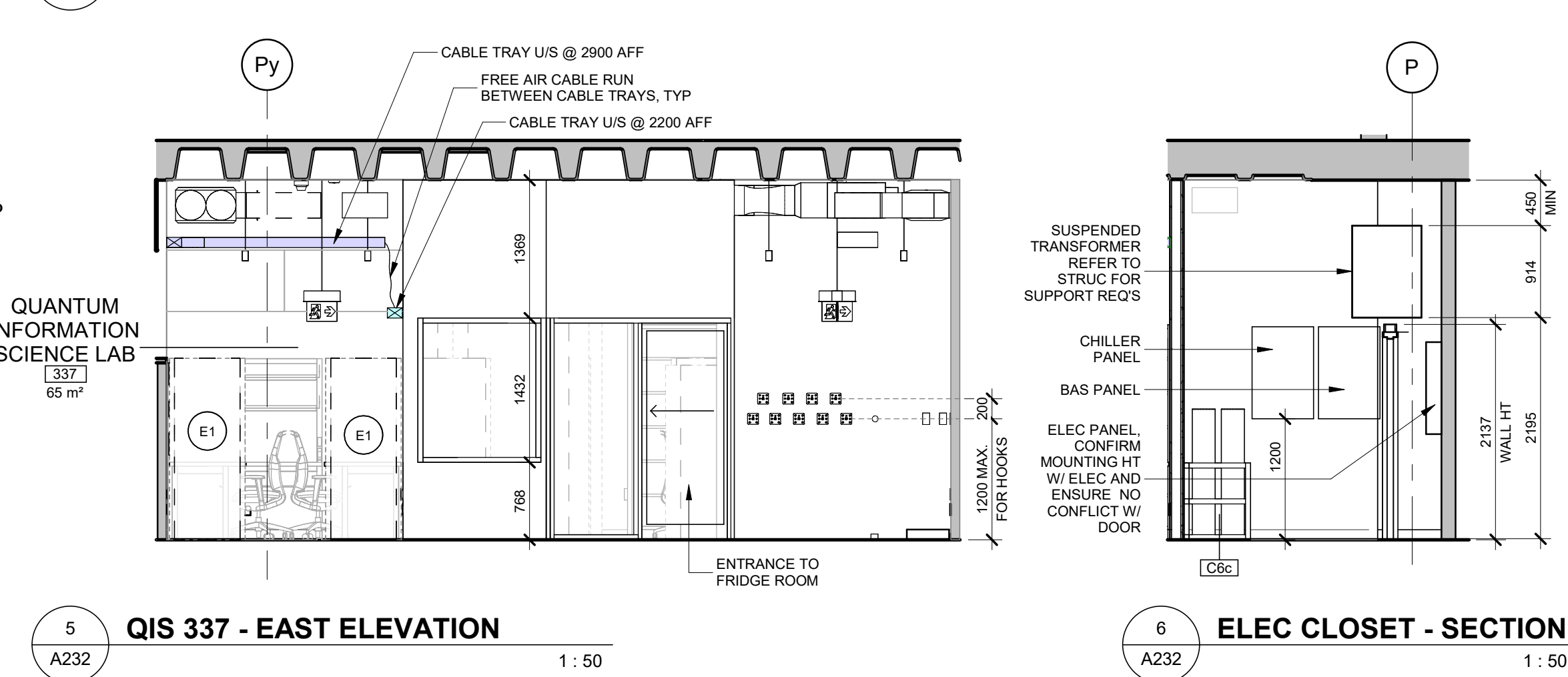
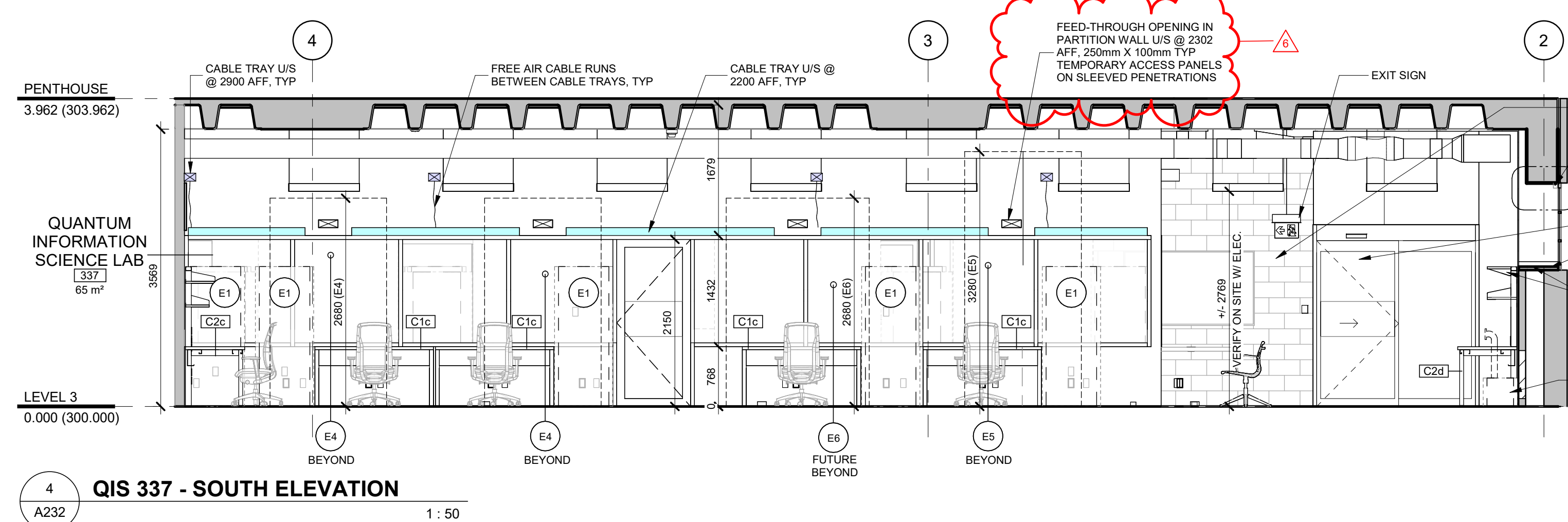
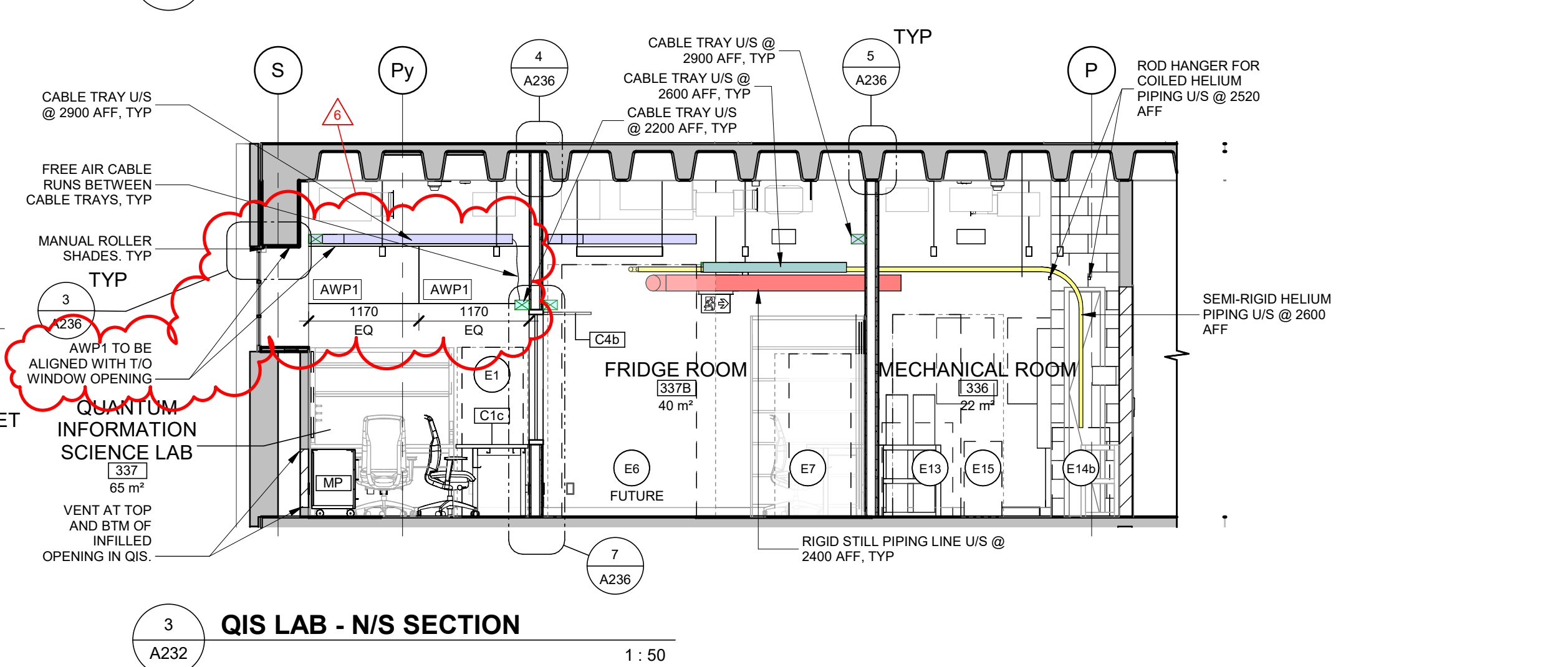
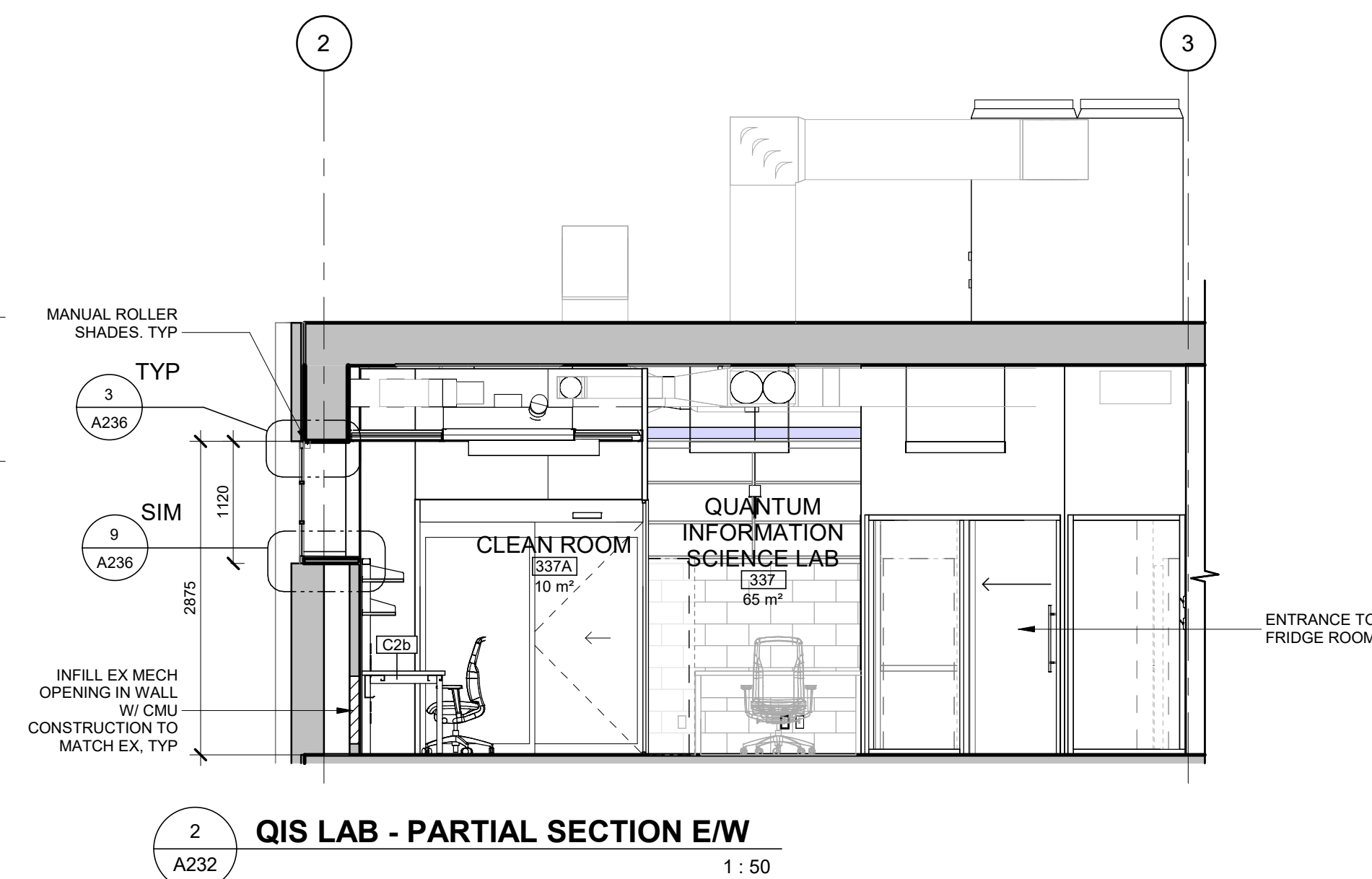
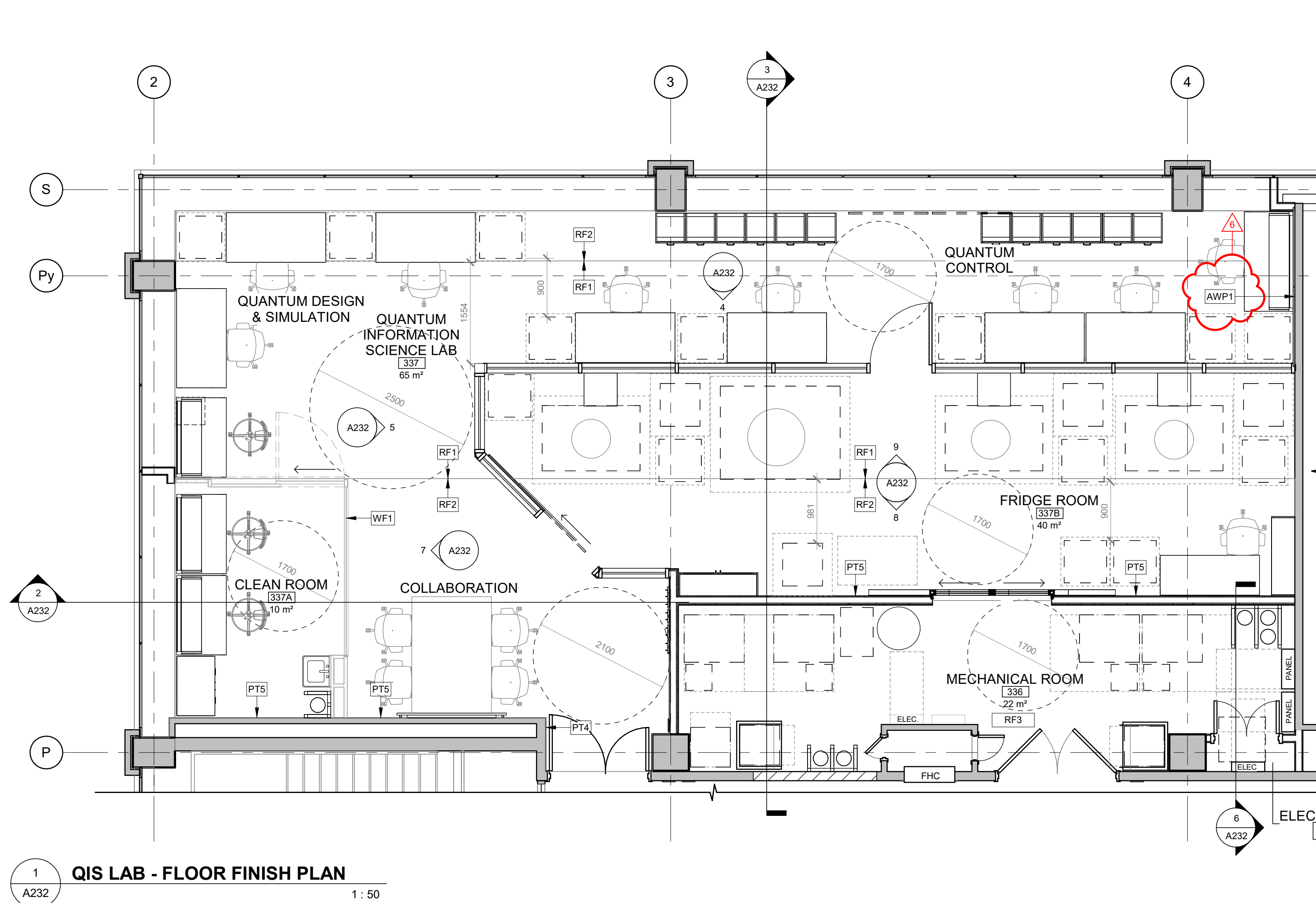
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PROJECT NO: **24119**

DRAWING NO:

A220

 <div>UNIVERSITY OF TORONTO</div>		
PROJECT LOGO		
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KEY PLAN		
REVISIONS:		
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SEAL		
CONSULTANTS:		
PROJECT:		
MCLENNAN PHYSICAL LABORATORIES - P078-24-109 - QIS LAB & CQICQ SUITE		
255 HURON STREET, TORONTO, ONTARIO M5S 3J1		
DRAWING TITLE:		
QIS LAB - PLAN & RCP		
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As Indicated		
PROJECT NO:		
24119		
DRAWING NO:		
A231		



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KEY PLAN

REVISIONS

NO.	DESCRIPTION	DATE
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5	IFT	2025 11 27
4	ISSUED FOR 100% CD	2025 11 21
3	ISSUED FOR 90% CD	2025 10 17
2	ISSUED FOR 100% R1	2025 09 19
1	ISSUED FOR 100% SD	2025 07 11

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MCLENNAN PHYSICAL LABORATORIES - P078-24-109 - QIS LAB & CQIQC SUITE

255 HURON STREET, TORONTO, ONTARIO M5S 3J1

DRAWING TITLE:

QIS LAB - FINISHES

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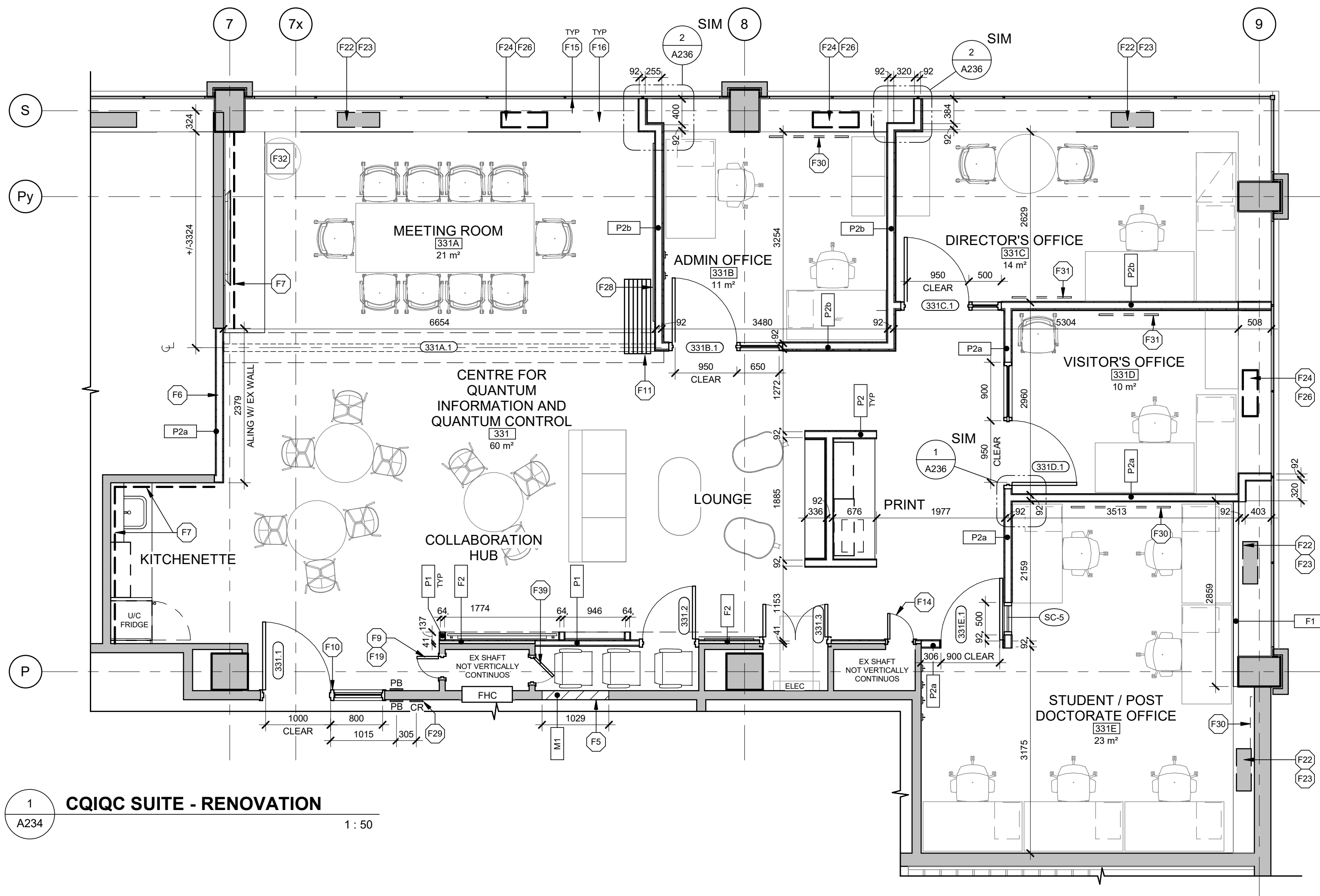
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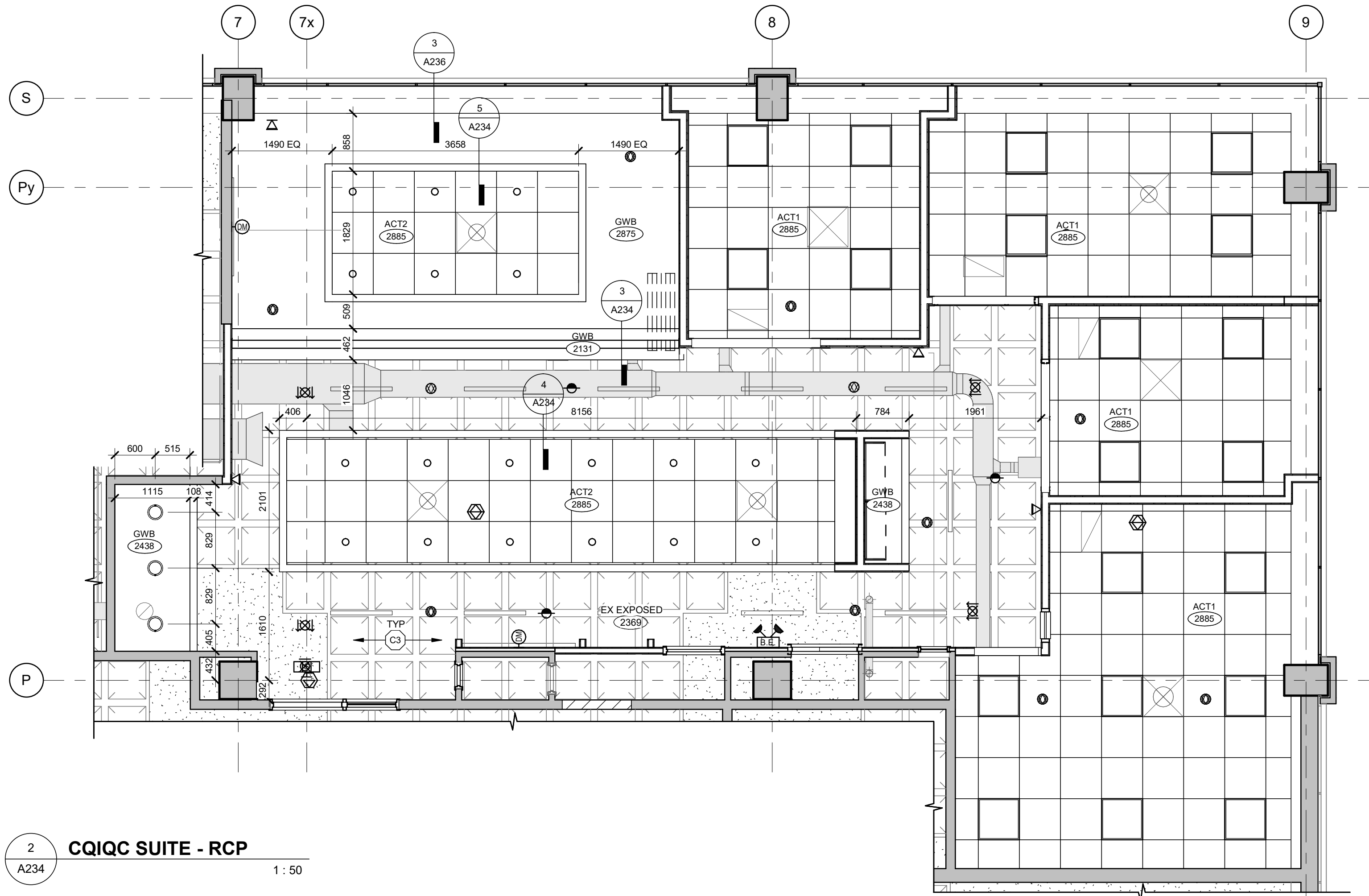
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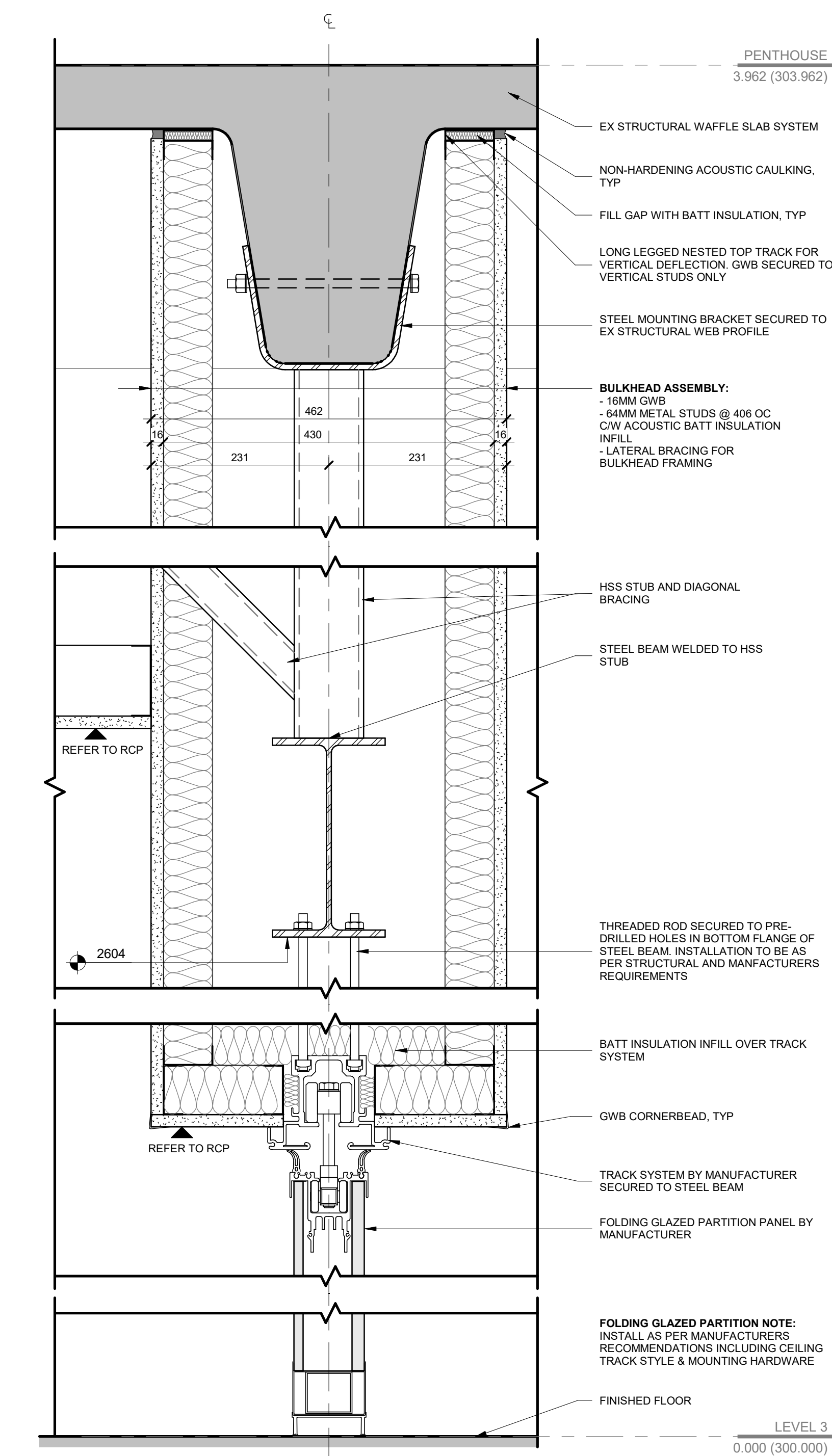
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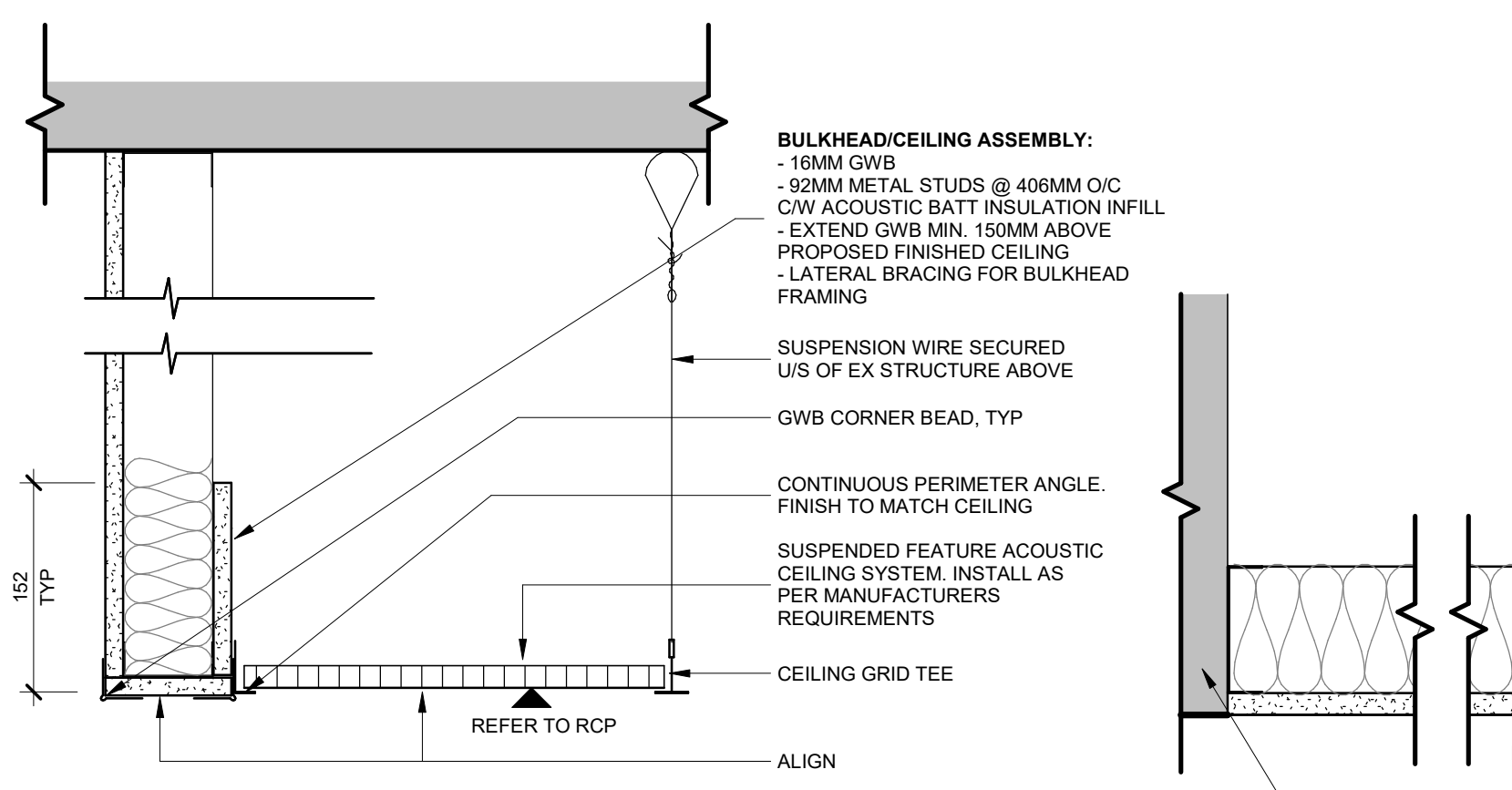
1 CQIQC SUITE - RENOVATION
A234 1:50



2 CQIQC SUITE - RCP
A234 1:50



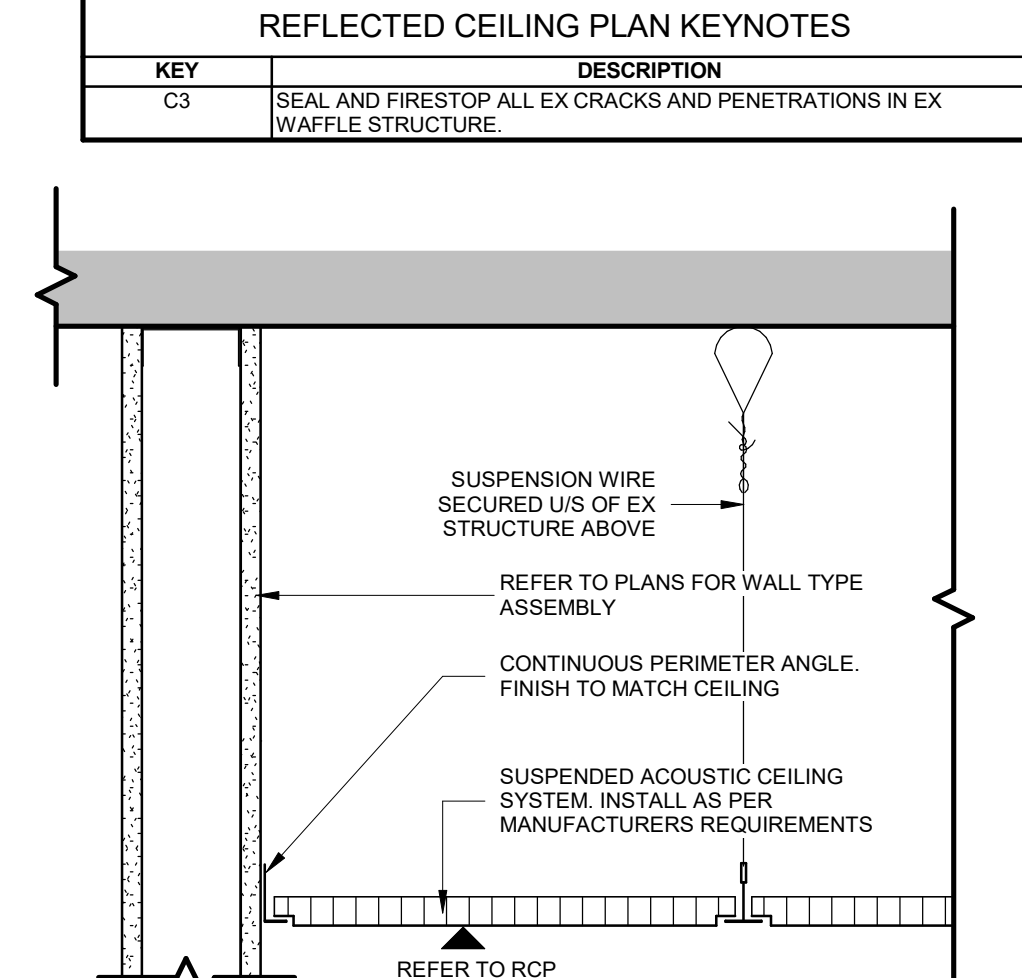
3 FOLDING GLAZED PARTITION - SECTION DETAIL
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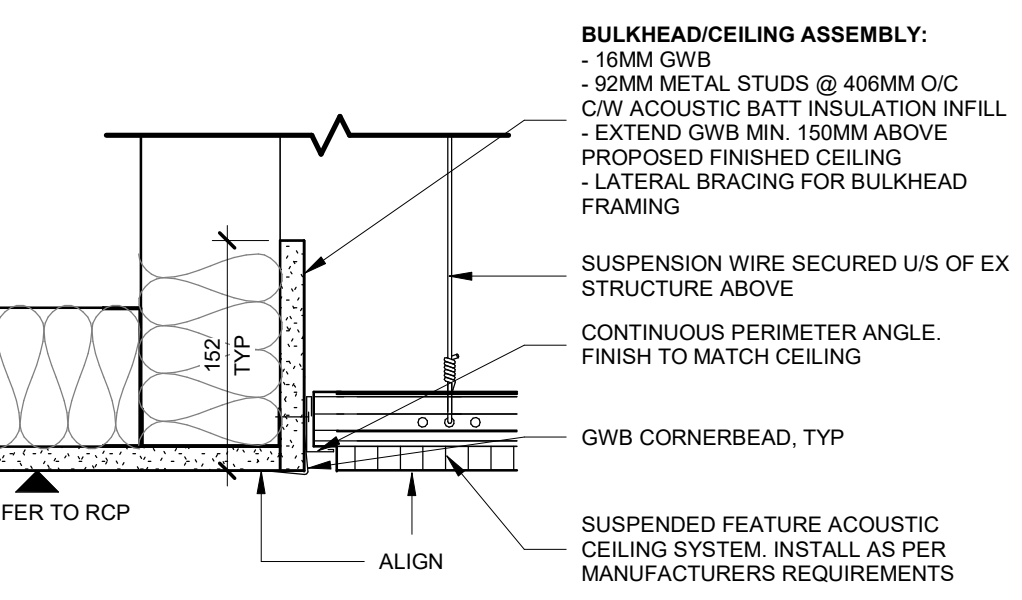
4 COLLAB. AREA FEATURE CEILING - SECTION
A234 1:5

FLOOR PLAN KEYNOTES	
KEY	DESCRIPTION
F5	INFILL WALL OPENING W/ CMU CONSTRUCTION TO MATCH EX (1 HR FRR).
F6	INFILL WALL OPENING W/ STEEL STUD WALL CONSTRUCTION TO MATCH EXISTING. CARRY FRAMING AND GWB TO U/S OF STRUCTURE ABOVE. SEAL HVAC DUCT AND PIPE PENETRATIONS WITH ACOUSTIC SEALANT.
F7	DASHED LINE DENOTES EX STUD WALL PARTITION FRAMING AND GWB TO BE EXTENDED TO U/S OF STRUCTURE ABOVE. INFILL ALL EX AND NEW STUDS W/ ACOUSTIC BATT INSULATION. NEW 16MM GWB ON ENTIRE CQIQC SIDE FROM FLOOR TO U/S OF STRUCTURE ABOVE. MATCH SIM CONSTRUCTION OF WALL TYPE P24. SEAL HVAC DUCT AND PIPE PENETRATIONS WITH ACOUSTIC SEALANT.
F9	NEW 45 MIN FRR ACCESS PANEL IN EX SHAFT WALL.
F10	NEW DOOR OPENING IN EX CMU WALL C/W STEEL LINTEL ABOVE.
F11	FOLDING PARTITION WALL SUPPORTED BY NEW STEEL FRAMING.
F14	EX ACCESS DOOR RELOCATED FROM EX CMU PARTITION TO NEW GWB PARTITION.
F15	RESEAL ALL EX PERIMETER WINDOWS. REFER TO DETAIL.
F16	NEW WINDOW SILL. REFER TO DETAIL.
F19	NEW OPENING FOR ACCESS PANEL IN EX CMU WALL C/W STEEL LINTEL ABOVE.
F22	SHADING DENOTES LOCATION OF NEW WINDOW SILL LOUVER AT EX HYDRONIC UNIT LOCATION (REPLACED W/ NEW). CONFIRM SIZE AND LOCATION OF LOUVER OPENING W/ MECHANICAL DRAWINGS. SILL LOUVER TO MATCH ADJACENT SILL COLOUR.
F23	LOCATION OF EX WALL OPENING AT EX HYDRONIC UNIT LOCATION (REPLACED W/ NEW). CONFIRM SIZE AND LOCATION OF LOUVER OPENING W/ ARCHITECTURE AND MECHANICAL CONSULTANTS PRIOR TO COMMENCING WORK. WALL LOUVER TO MATCH ADJACENT WALL COLOUR.
F24	LOCATION OF NEW HYDRONIC UNIT AND WINDOW SILL OPENING FOR NEW MECHANICAL LOUVER.
F26	LOCATION OF NEW HYDRONIC UNIT AND WALL OPENING FOR MECHANICAL LOUVER. PATCH AND REPAIR ADJACENT FINISHES AS A RESULT OF DEMOLITION.
F28	FLOOR STOP FOR FOLDING DOOR SYSTEM TO AVOID WALL DAMAGE.
F29	NEW CARD READER MOUNTED BESIDE AUTOMATIC DOOR PUSH BUTTON.
F30	GC TO SUPPLY WHITEBOARD W/ BTM SHELF. SIZE: 36" x 48". GC TO CONSULT ID PRIOR TO INSTALLATION FOR HEIGHTS.
F31	GC TO SUPPLY WHITEBOARD W/ BTM SHELF. SIZE: 60" x 42". GC TO CONSULT ID PRIOR TO INSTALLATION FOR HEIGHTS.
F32	PULL-OUT AV RACK WITHIN MEETING ROOM MILLWORK.
F39	EX DOOR PANEL IN ASSUMED EX 1 HR FRR AT SHAFT WALL (BASED ON EX DOCUMENTS PROVIDED - GC TO VERIFY). GC TO VERIFY ANY CONFORM IF EX ACCESS DOOR COMPLIES W/ ASSUMED FRR AND REPLACE IF FOUND NON-COMPLIANT.

REFLECTED CEILING PLAN LEGEND	
NOTE: ALL EXPOSED ROOF/ CLG SURFACES TO BE PAINTED, REFER TO ROOM FINISH SCHEDULE.	
	SUSPENDED ACT CEILING
	GWB ON STEEL FRAMING
	BULKHEAD
	LAY IN LIGHTING FIXTURE, REFER TO ELECTRICAL DRAWINGS
	SUSPENDED LIGHTING FIXTURE, REFER TO ELECTRICAL DRAWINGS
	SUPPLY AIR DIFFUSER, REFER TO MECHANICAL DRAWINGS
	150mm WIDE CABLE BASKET TRAY - U/S @ 2900 AFF W/ CEILING OR WALL SUPPORT
	150mm WIDE CABLE BASKET TRAY - U/S @ 2200 AFF W/ CEILING OR WALL SUPPORT
	300mm WIDE CABLE LADDER TRAY - U/S @ 2600 AFF W/ CEILING SUPPORT
	SEMI-RIGID HELIUM PIPING - U/S @ 2600 AFF
	RIGID STILL PIPING - U/S @ 2400 AFF
REFLECTED CEILING PLAN KEYNOTES	
KEY	DESCRIPTION
C3	SEAL AND FIRESTOP ALL EX CRACKS AND PENETRATIONS IN EX WAFFLE STRUCTURE.



6 TYP. ACT CEILING - SECTION
A234 1:5



5 MEETING RM FEATURE CEILING - SECTION
A234 1:5

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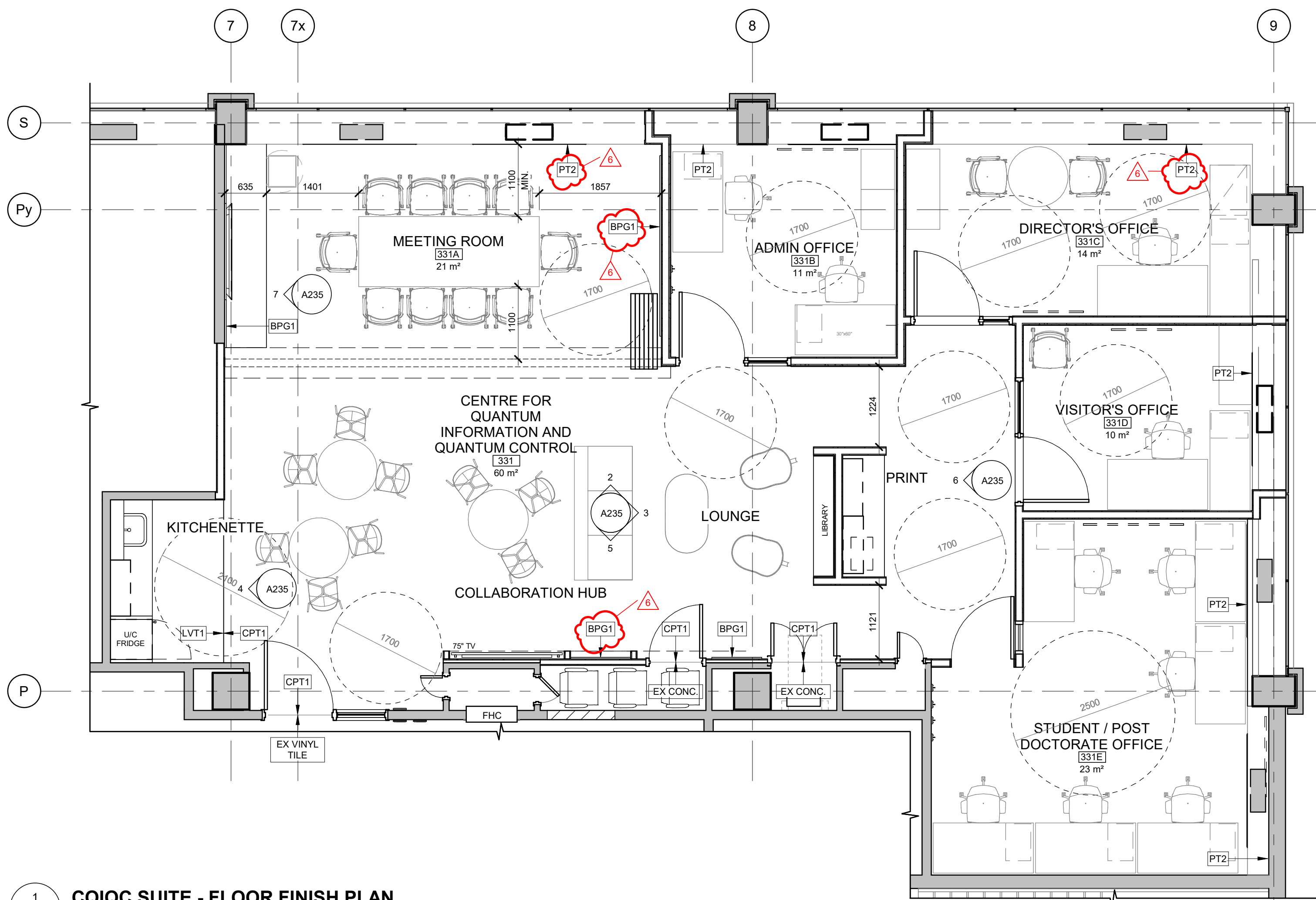
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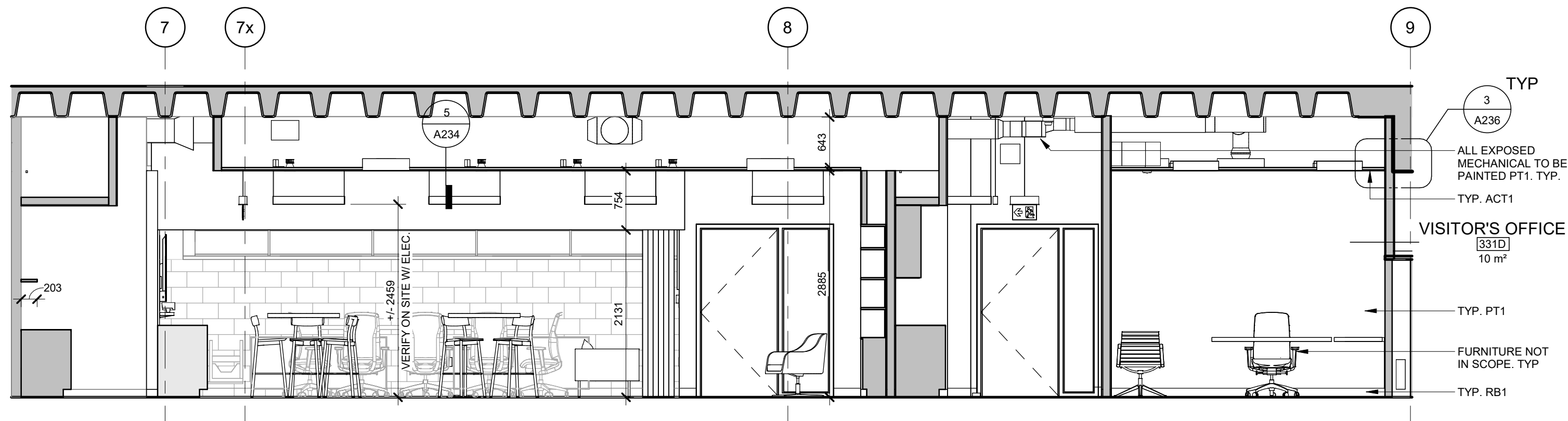
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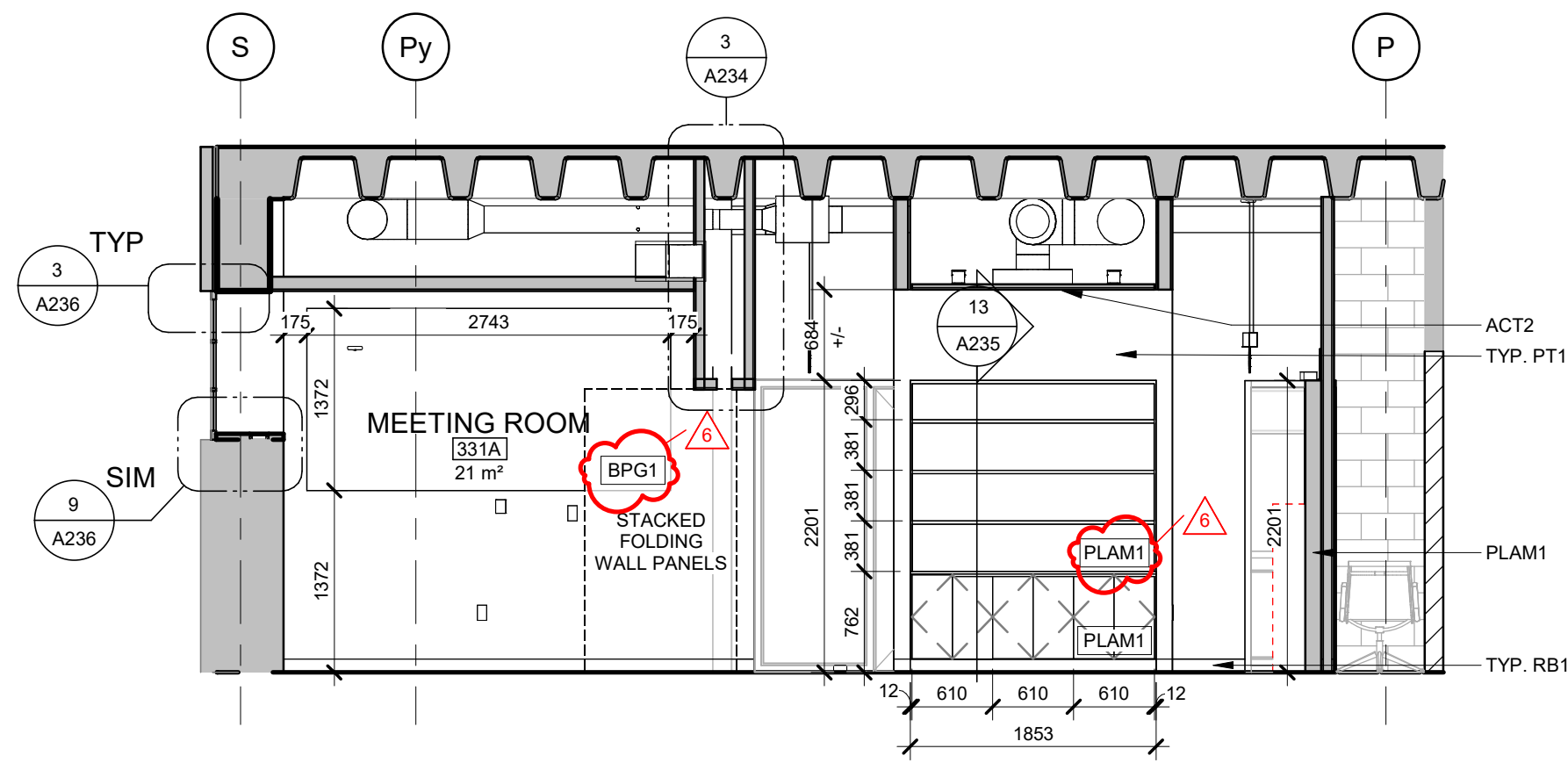
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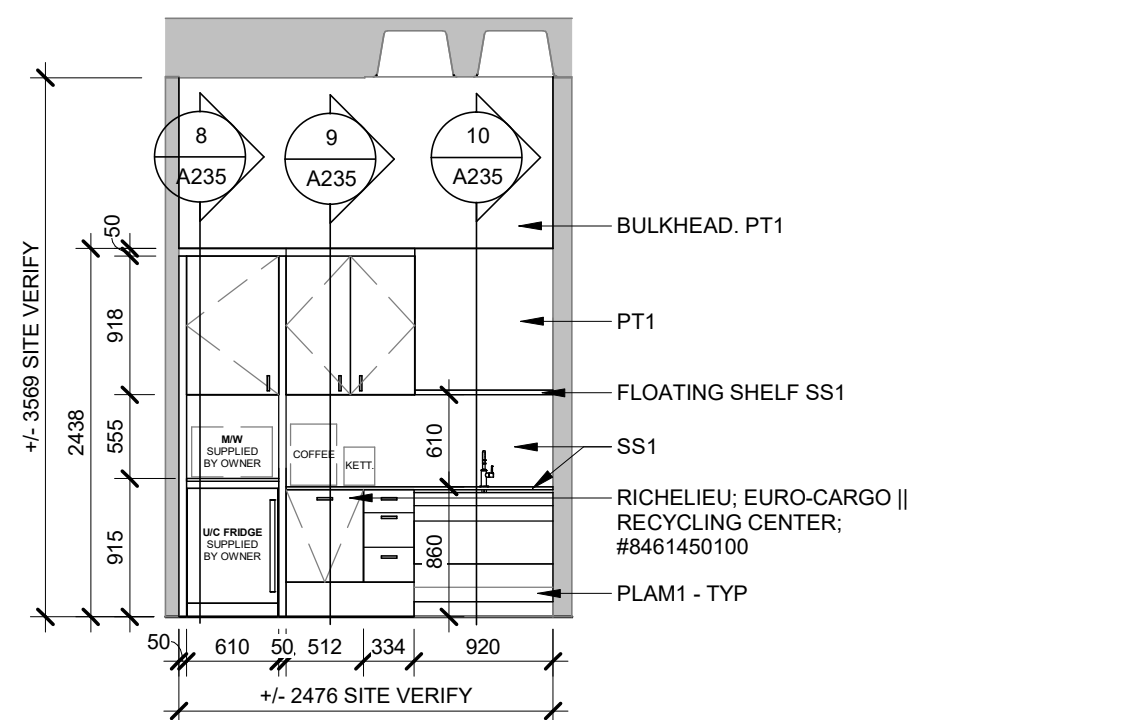
1 CQIQ SUITE - FLOOR FINISH PLAN
A235 1:50



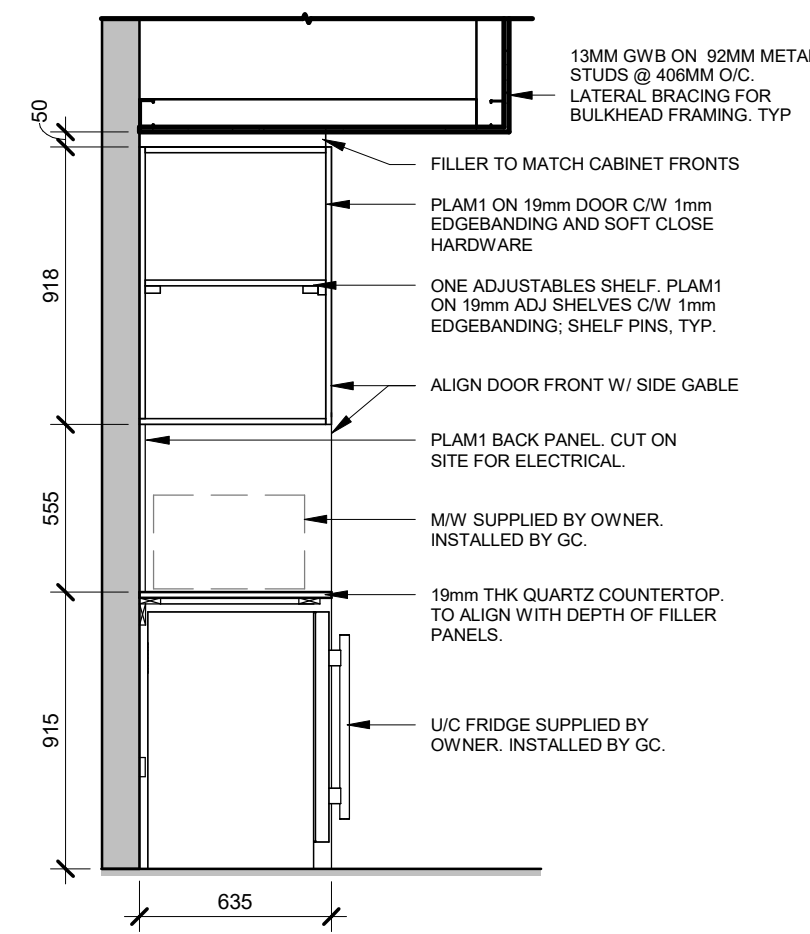
2 CQIQ 331 - NORTH ELEVATIONS
A235 1:50



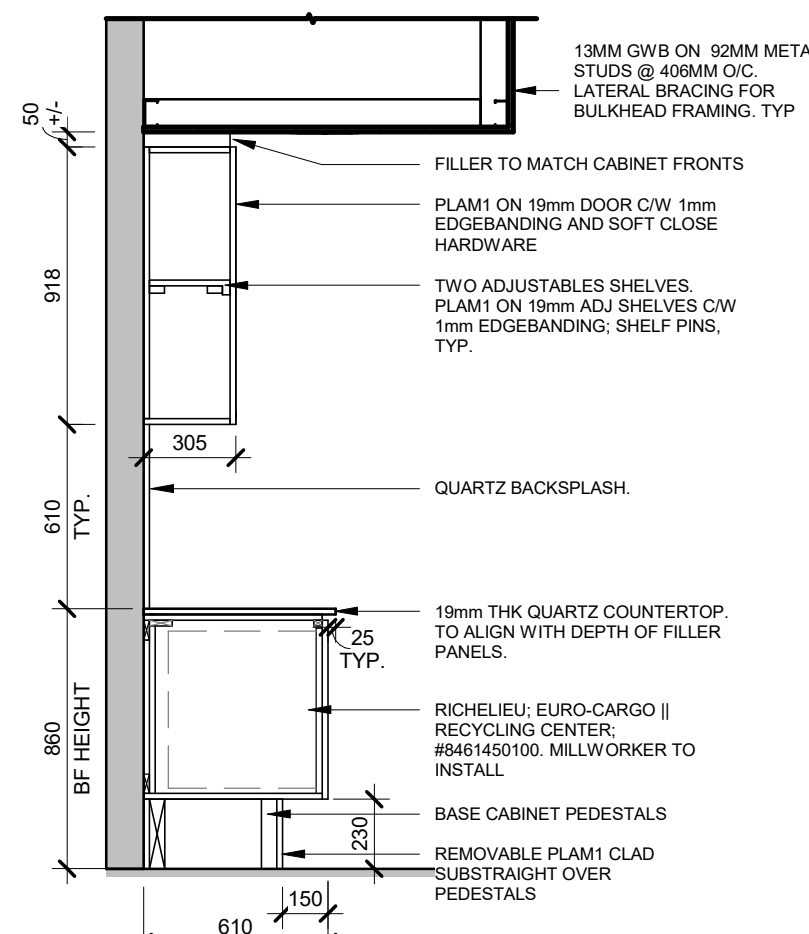
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A235 1:50



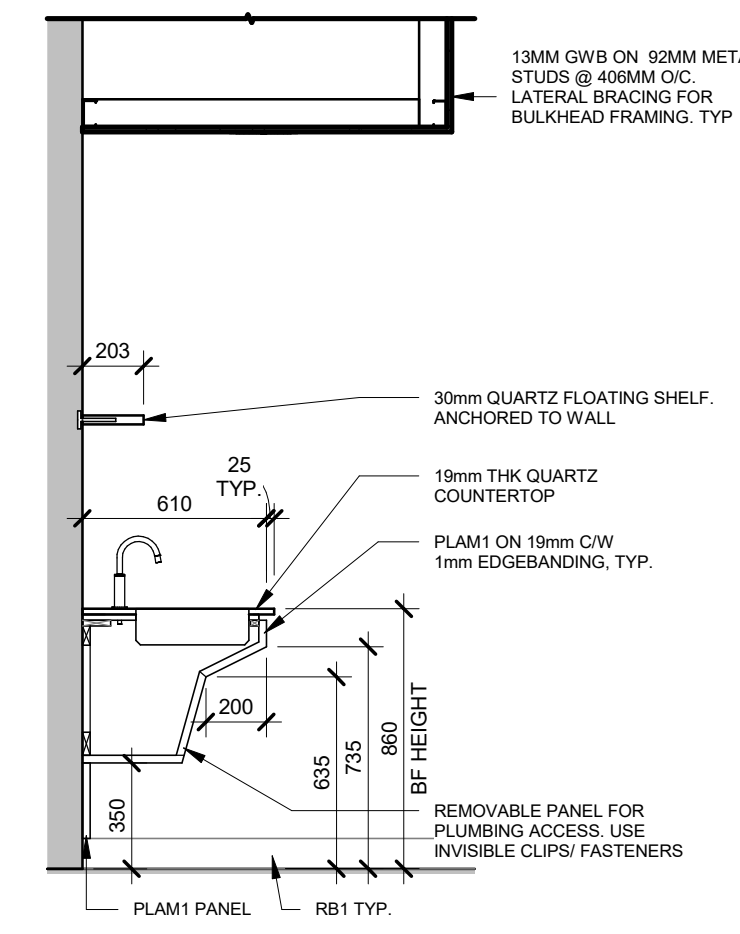
4 CQIQ 331 - KITCHENETTE - WEST ELEVATION
A235 1:50



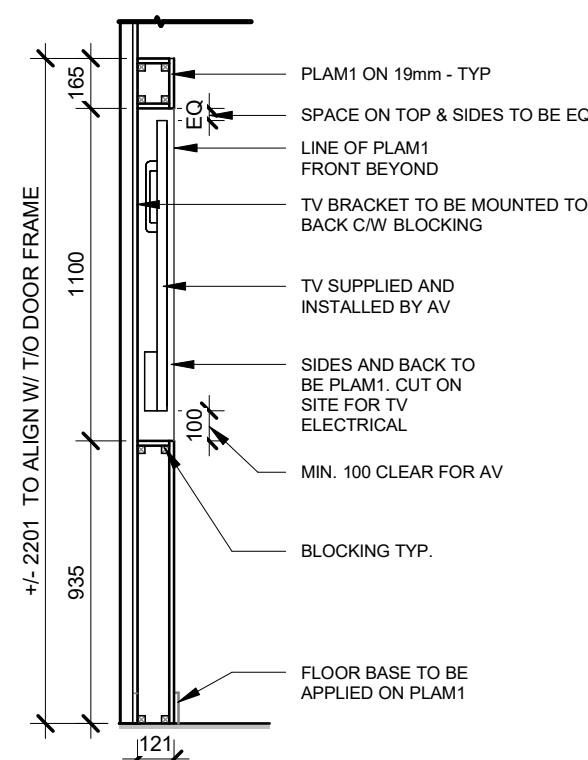
8 KITCHENETTE - FRIDGE
A235 1:25



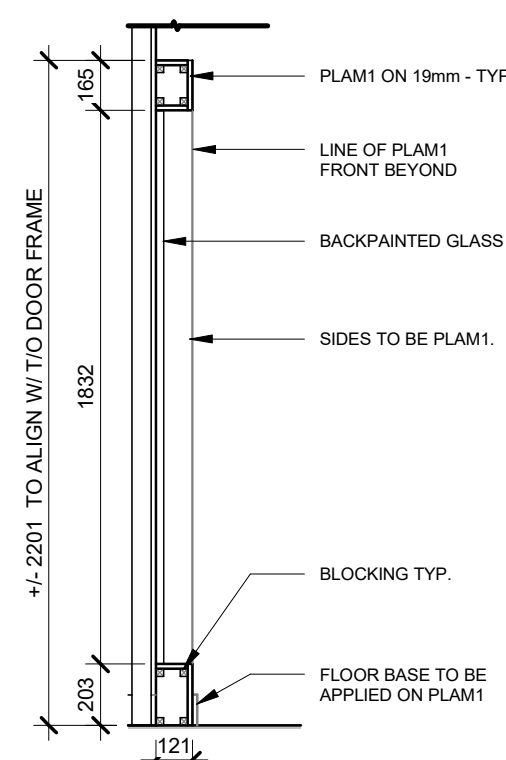
9 KITCHENETTE - TYP.
A235 1:25



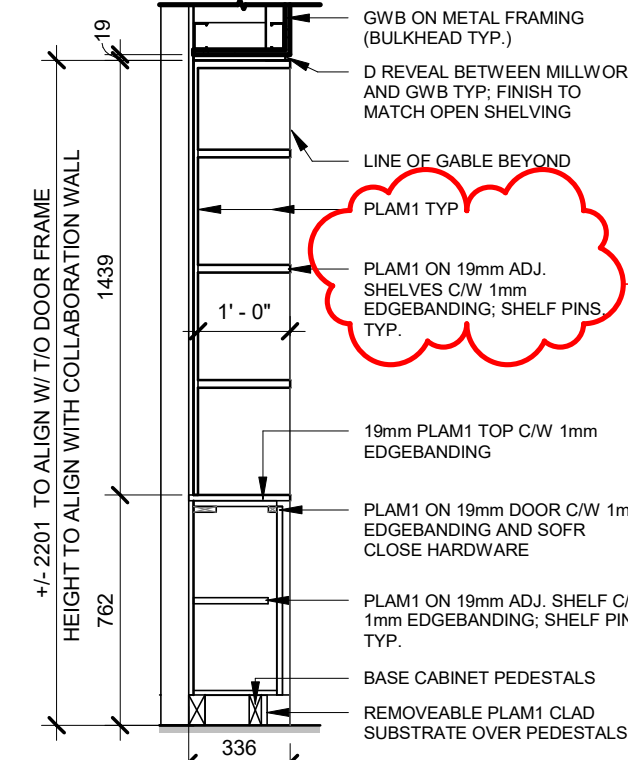
10 KITCHENETTE - BF SINK
A235 1:25



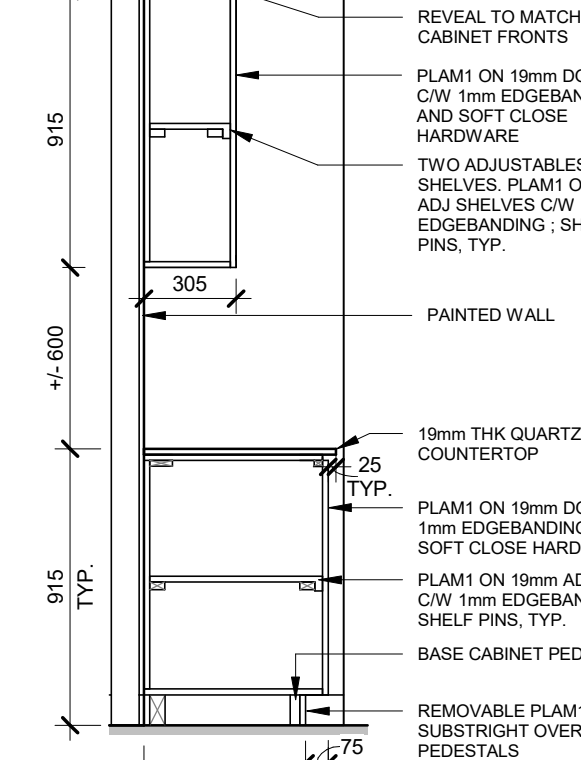
11 COLLAB - TV
A235 1:25



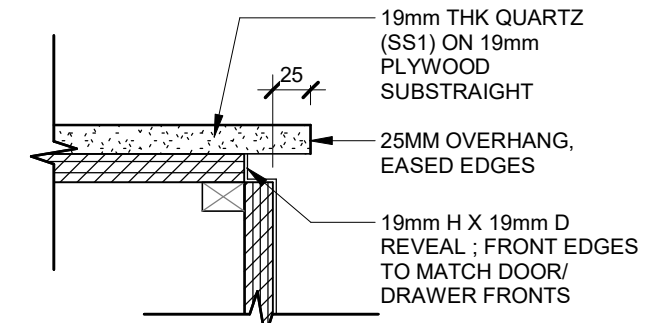
12 COLLAB - BPG
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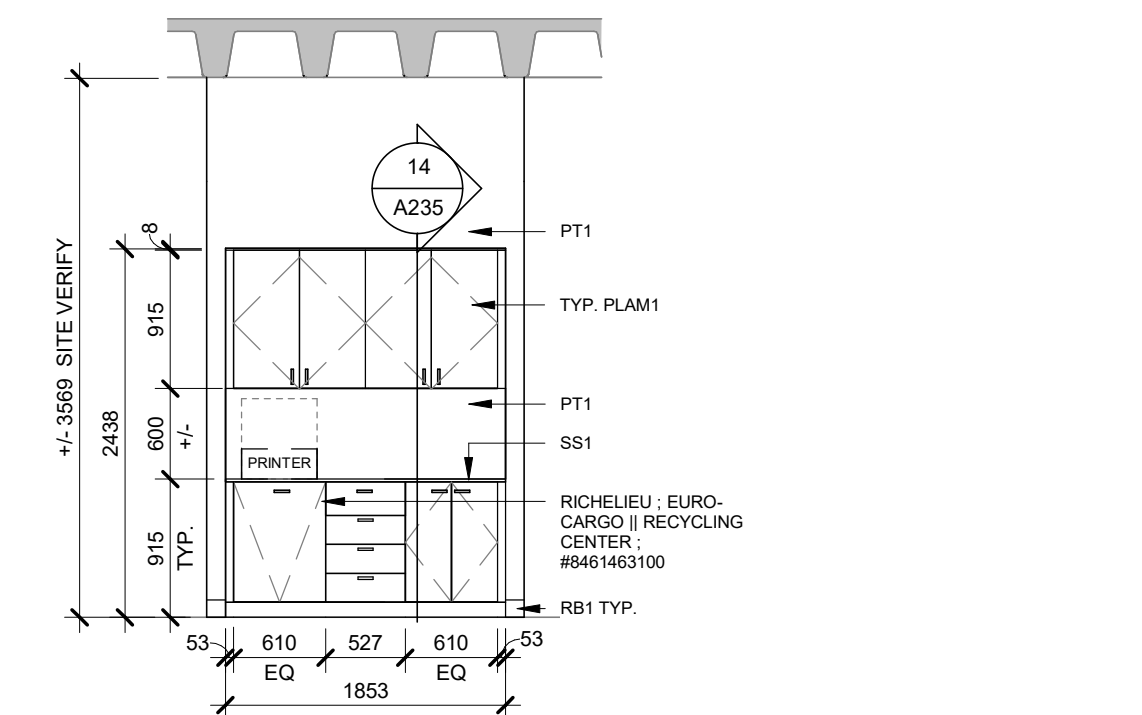
13 LIBRARY - TYP
A235 1:25



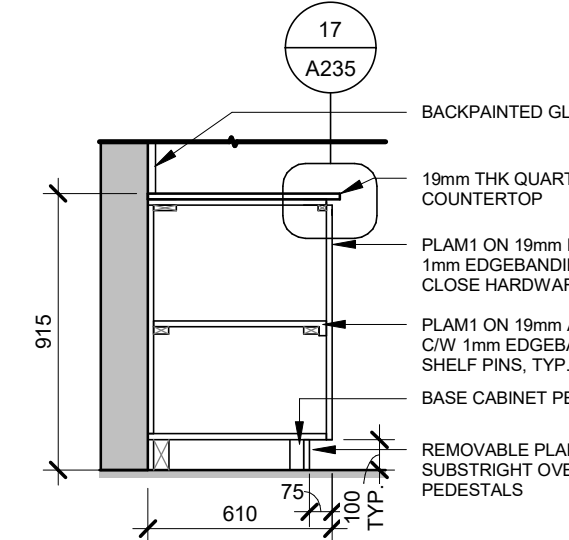
14 PRINT - TYP
A235 1:25



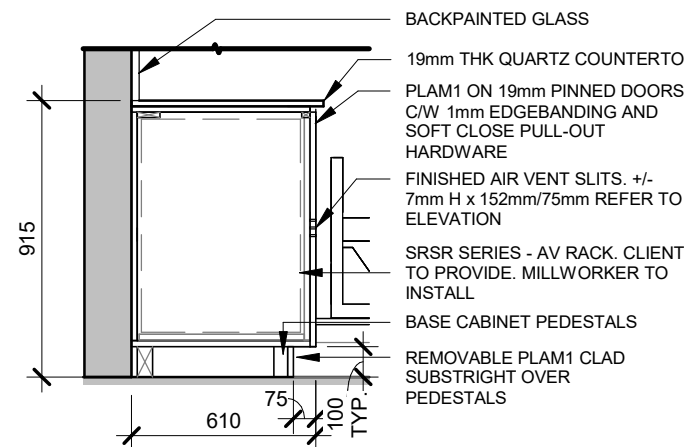
17 TYP - COUNTERTOP PROFILE
A235 1:5



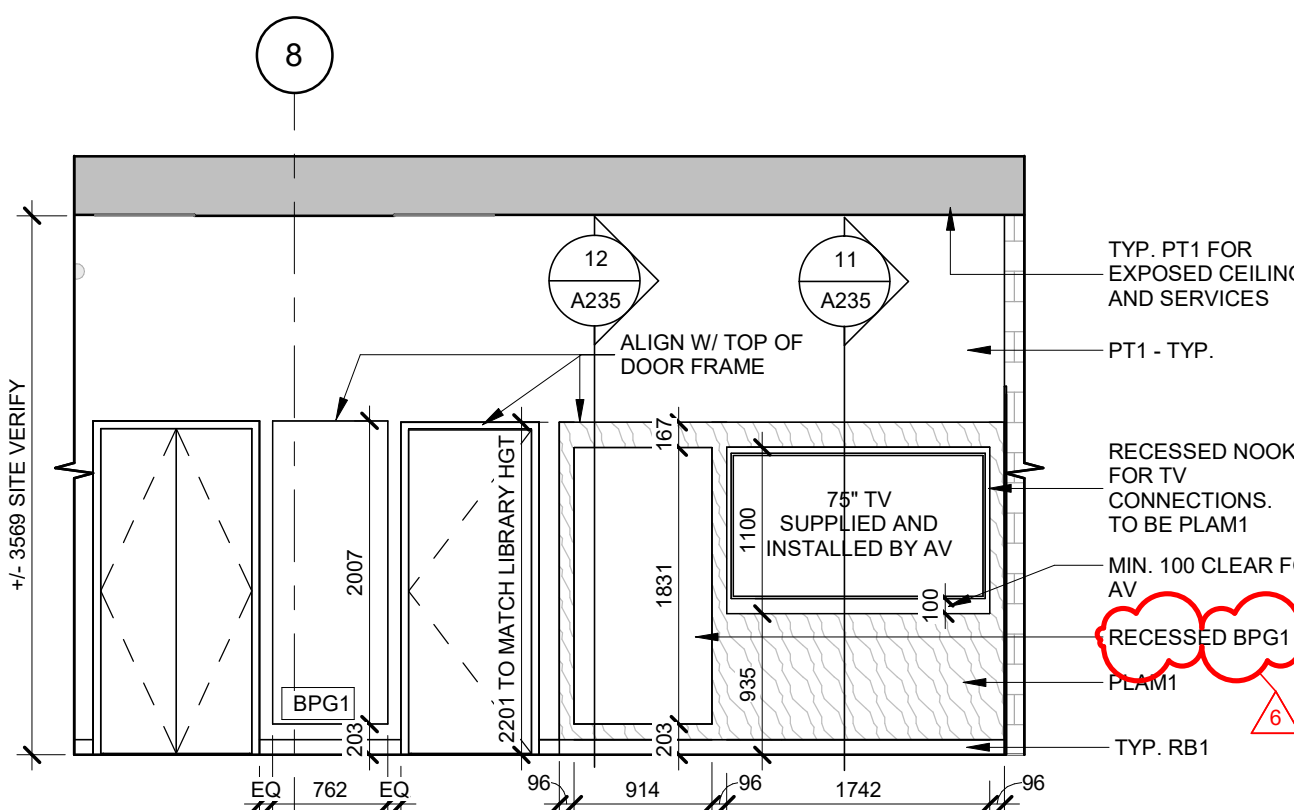
6 CQIQ 331 - PRINT CENTRE - WEST ELEVATION
A235 1:50



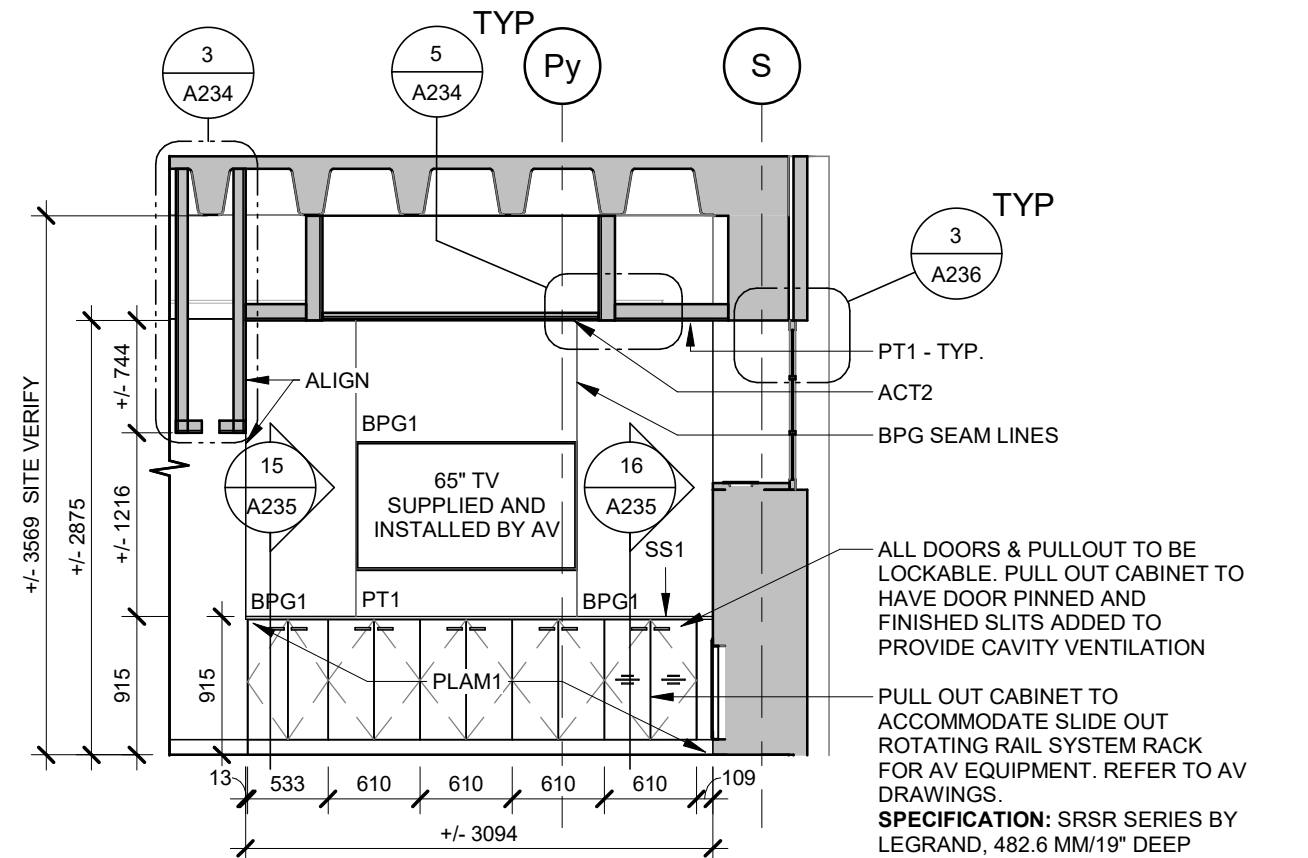
15 MEETING RM - TYP
A235 1:25



16 MEETING RM - AV RACK
A235 1:25



5 CQIQ 331 - SOUTH ELEVATION
A235 1:50



7 MEETING ROOM 331A - WEST ELEVATION
A235 1:50

UNIVERSITY OF TORONTO

PROJECT LOGO

TRUE NORTH

CONSTRUCTION NORTH

KEY PLAN

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR 100% CD	2025.01.13
2	ISSUED FOR 90% CD	2025.11.21
3	ISSUED FOR 90% CD	2025.10.17
4	ISSUED FOR 100% R1	2025.09.19
5	ISSUED FOR 100% CD	2025.07.11

REVISIONS

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CONSULTANTS:

PROJECT:

MCLENNAN PHYSICAL LABORATORIES - P078-24-109 - QIS LAB & CQIQ SUITE

255 HURON STREET, TORONTO, ONTARIO M5S 3J1

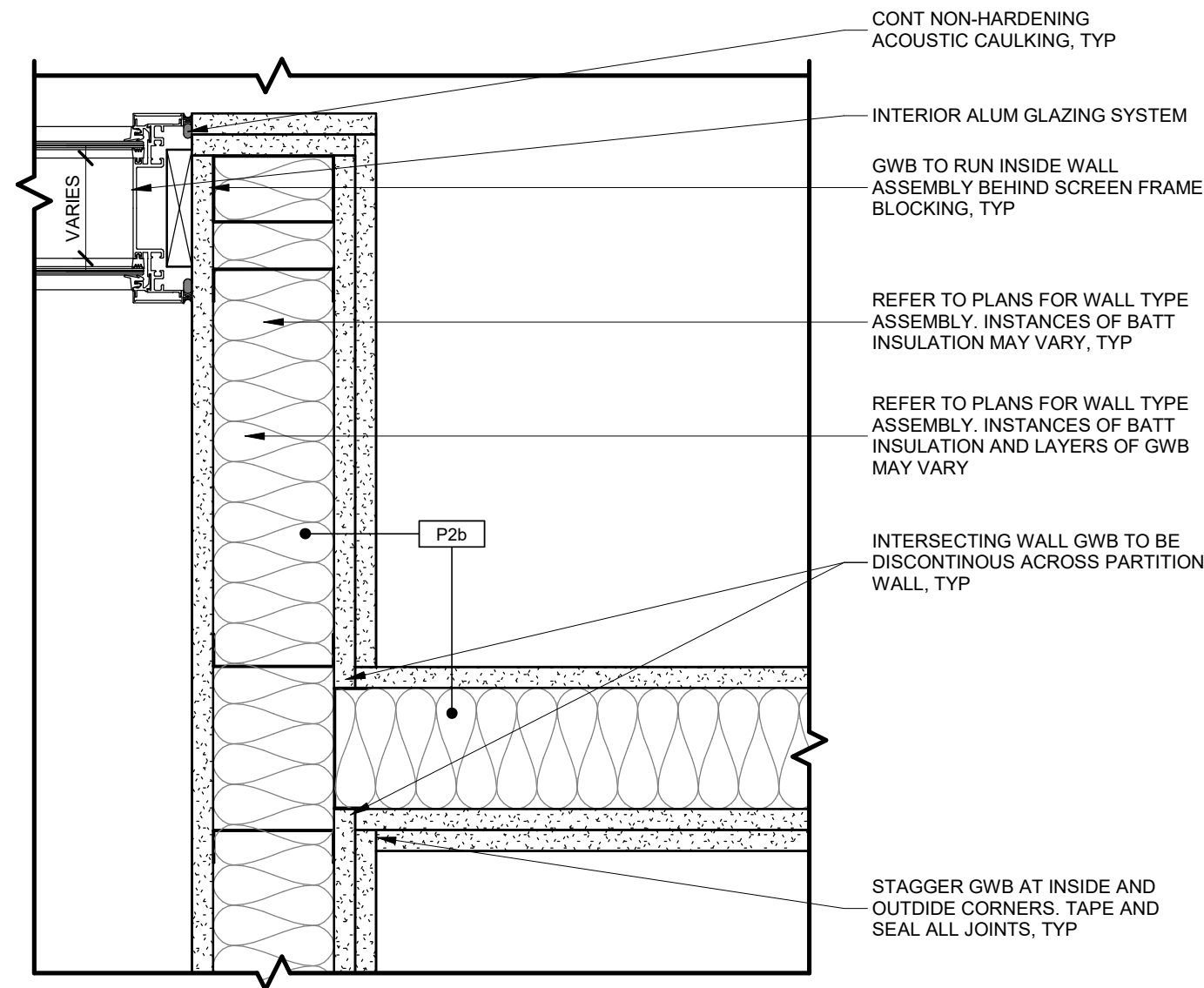
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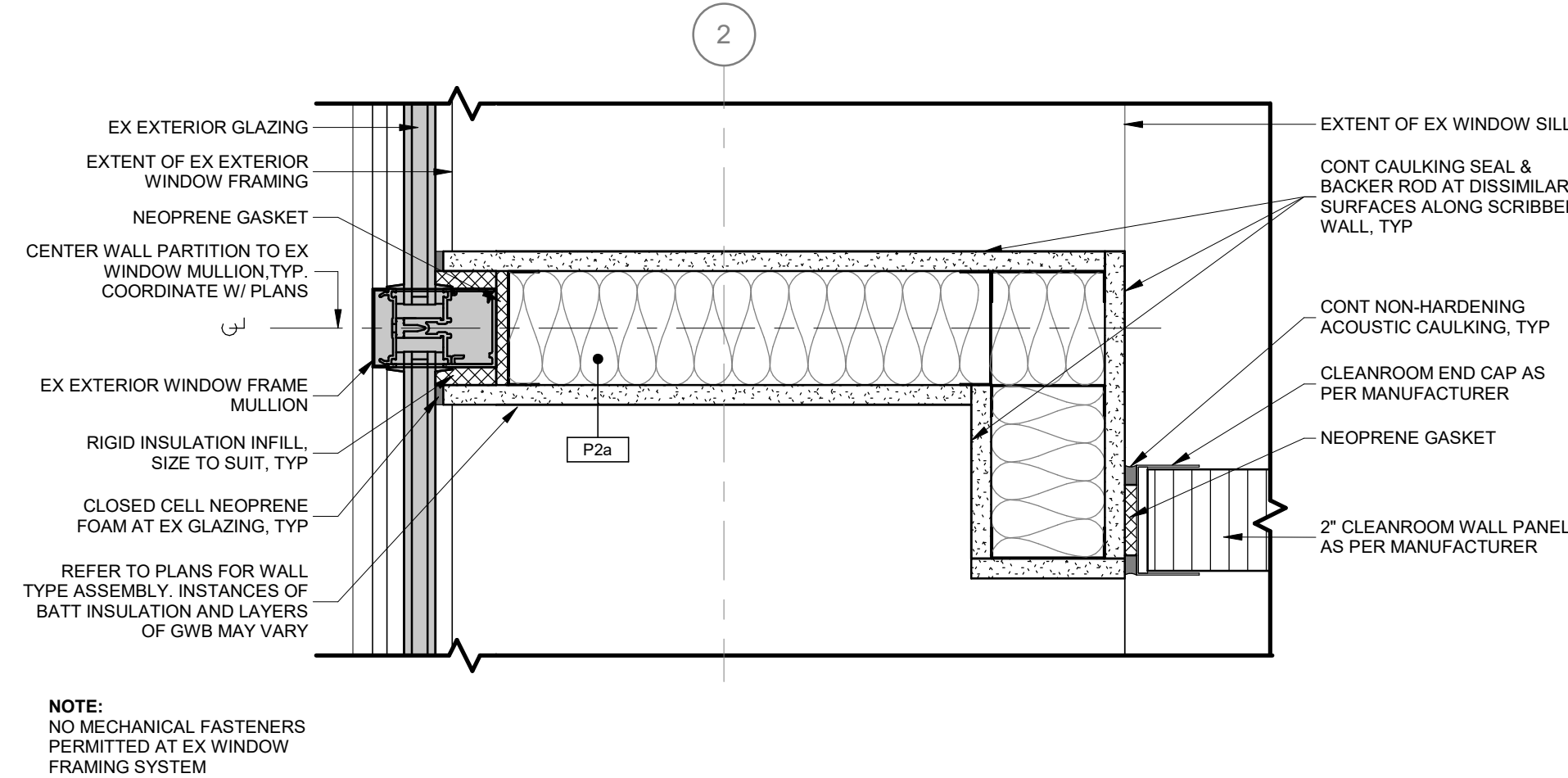
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PROJECT NO. 24119

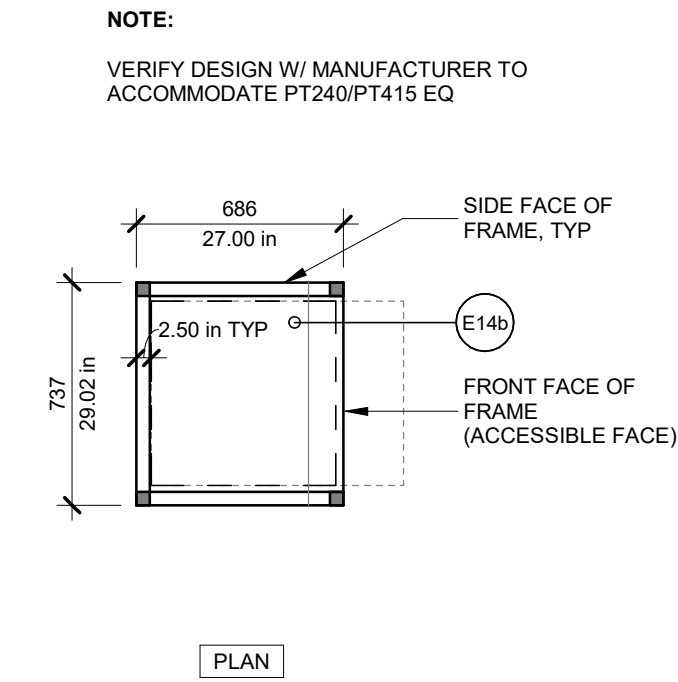
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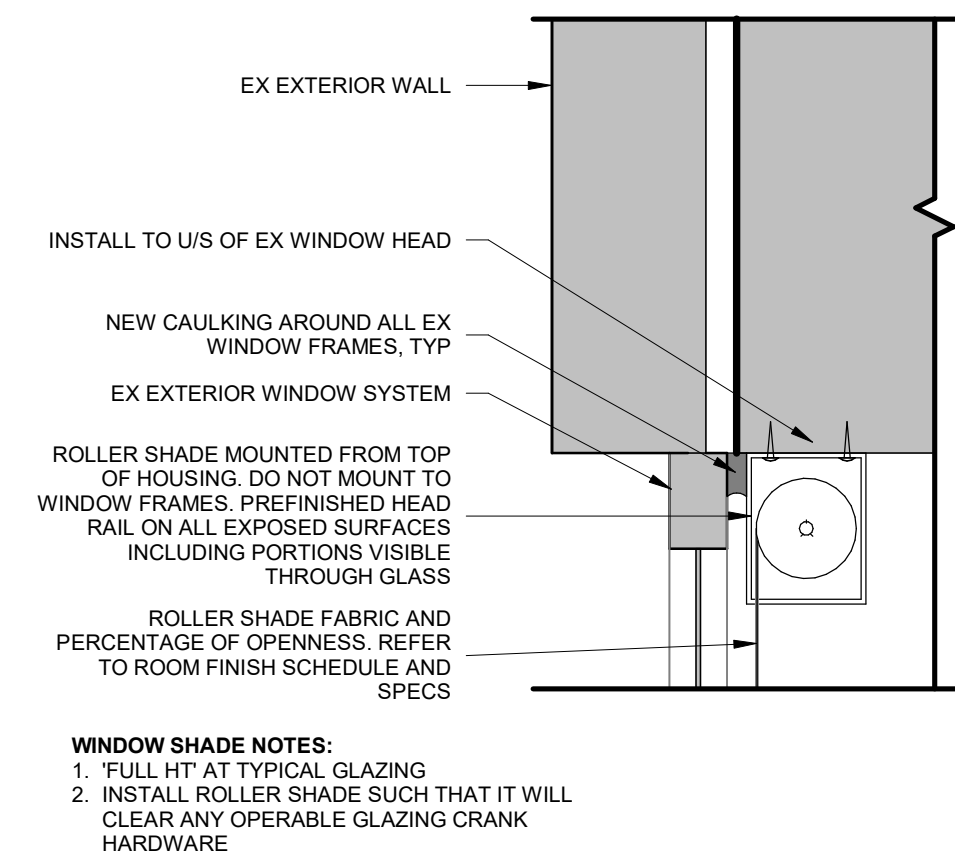
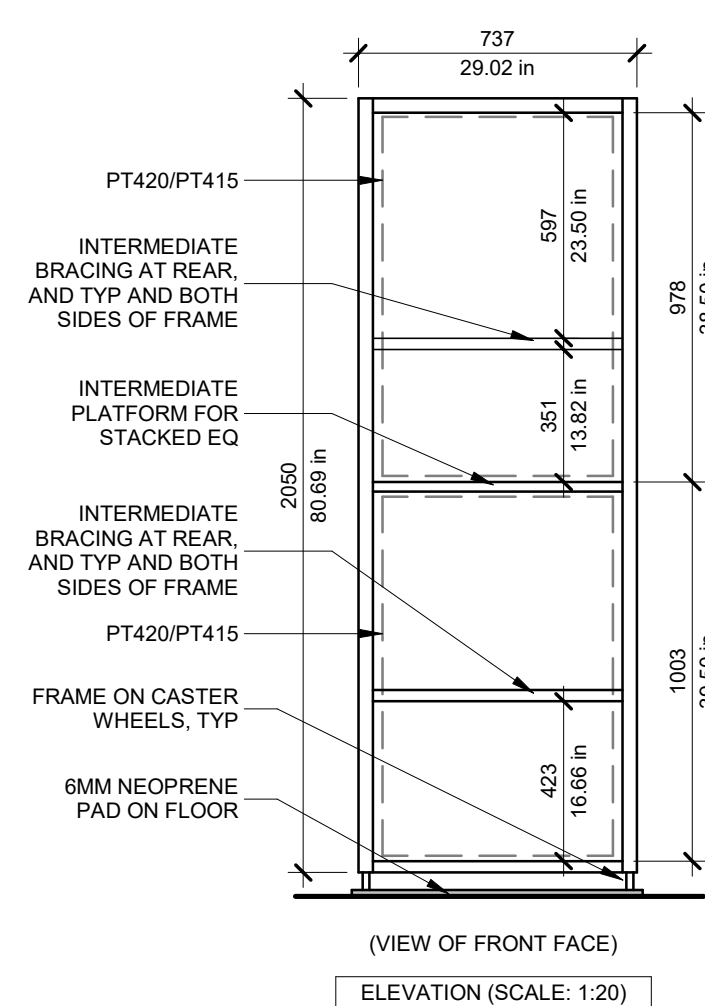
1 INTERSECTING ACOUSTIC WALL PLAN DETAIL
A236 1:5



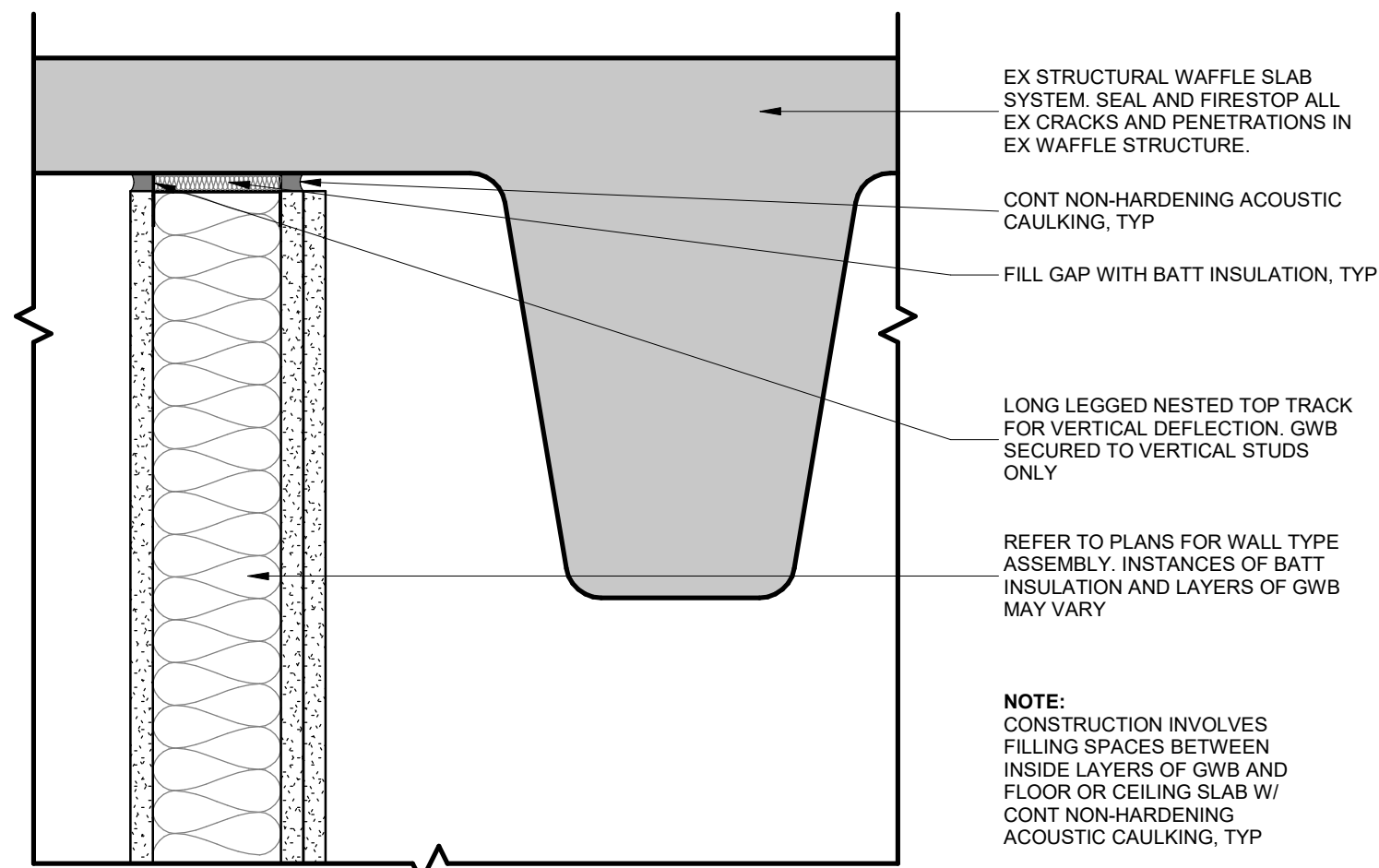
2 PLAN DETAIL AT EXTERIOR WINDOW - CLEAN RM
A236 1:5



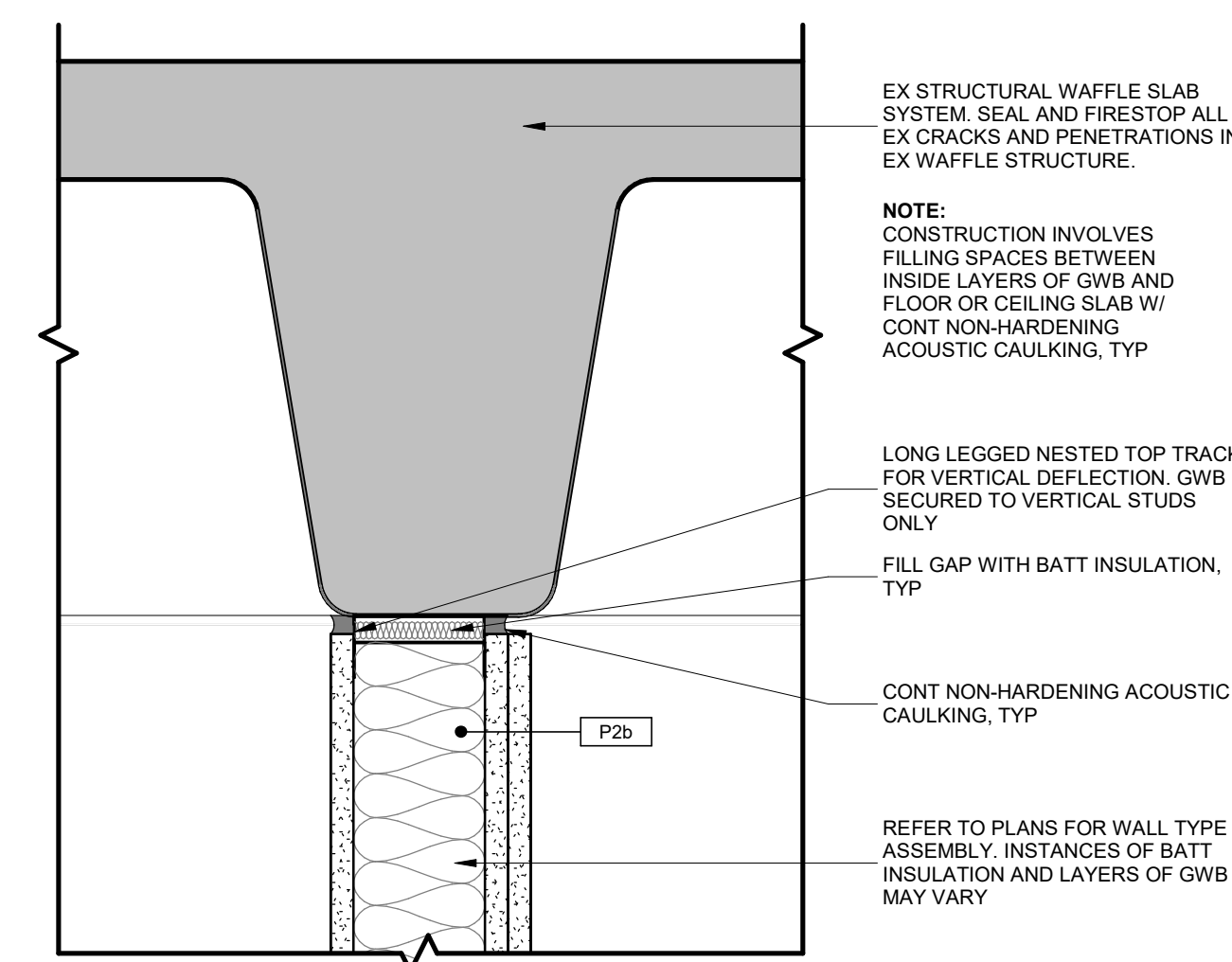
11 COMPRESSOR FRAME ASSEMBLY DETAIL
A236 1:25



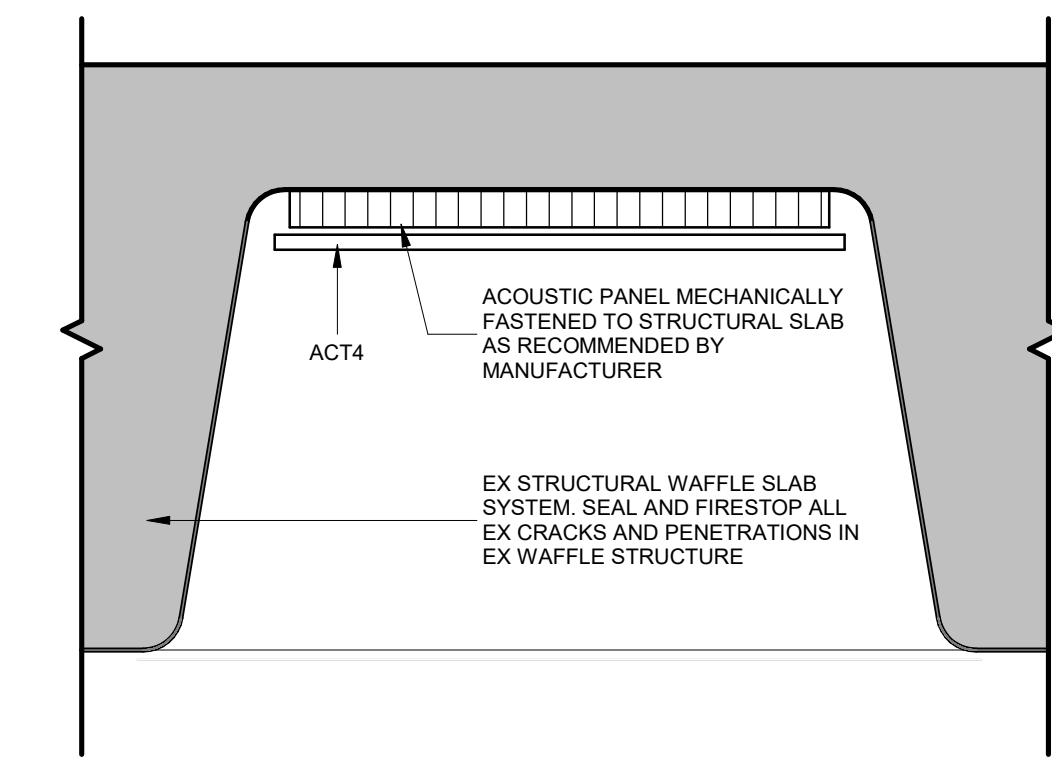
3 TYP WINDOW HEAD CEILING SECTION
A236 1:5



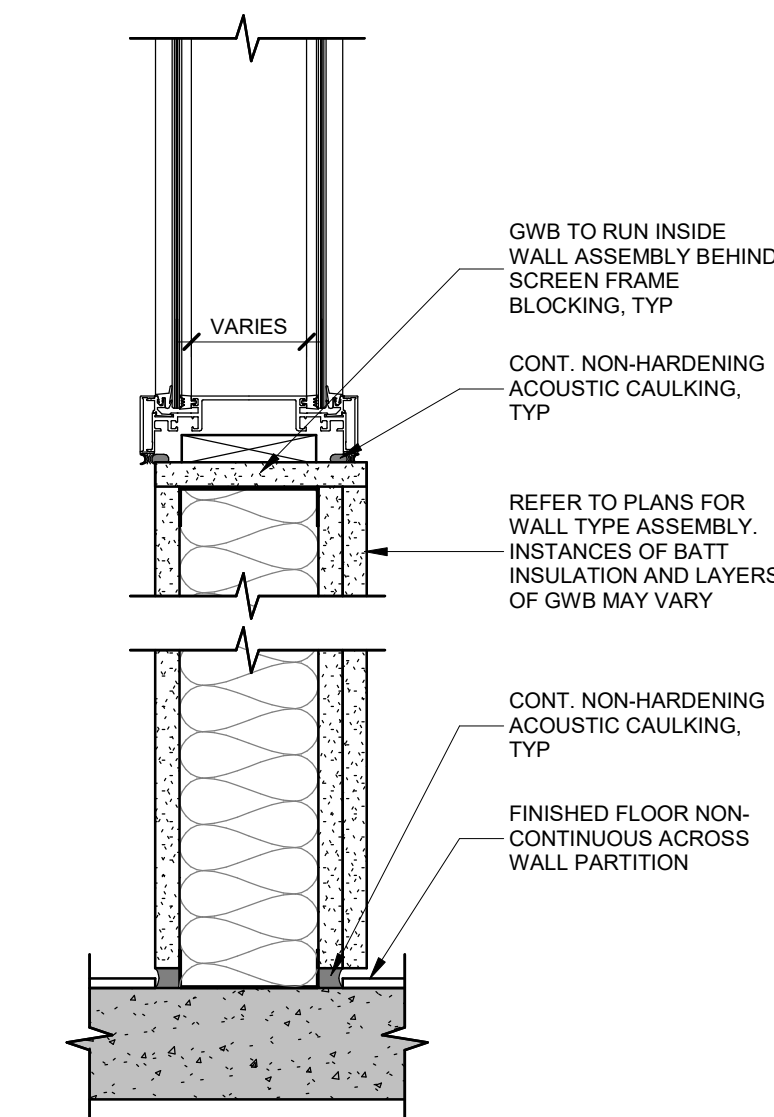
4 ACOUSTIC WALL SECTION DETAIL A
A236 1:5
(WALL NOT CENTRED ON RIB)
(CQIQC SIDE ONLY)



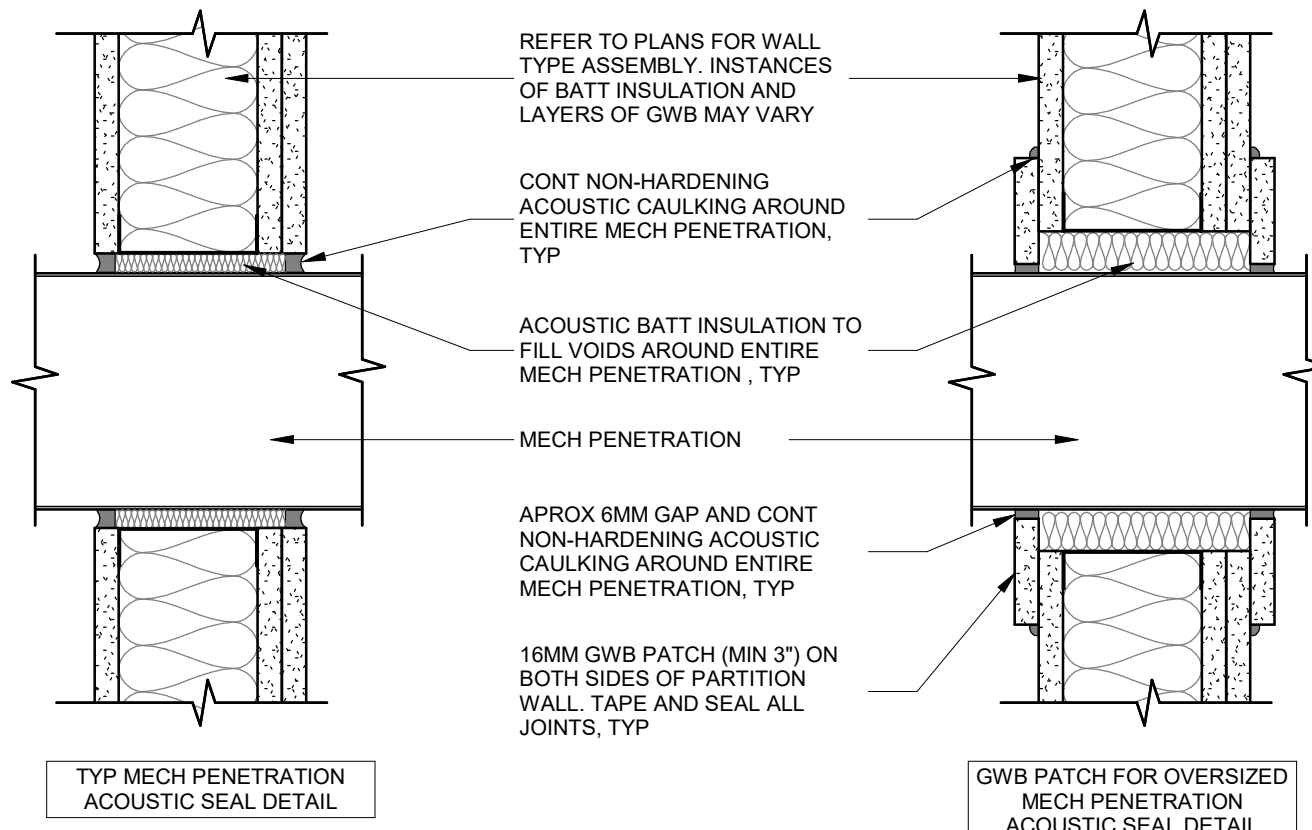
5 ACOUSTIC WALL SECTION DETAIL B
A236 1:5
(WALL CENTRED ON RIB)



6 ACOUSTIC PANEL INFILL SECTION DETAIL
A236 1:5

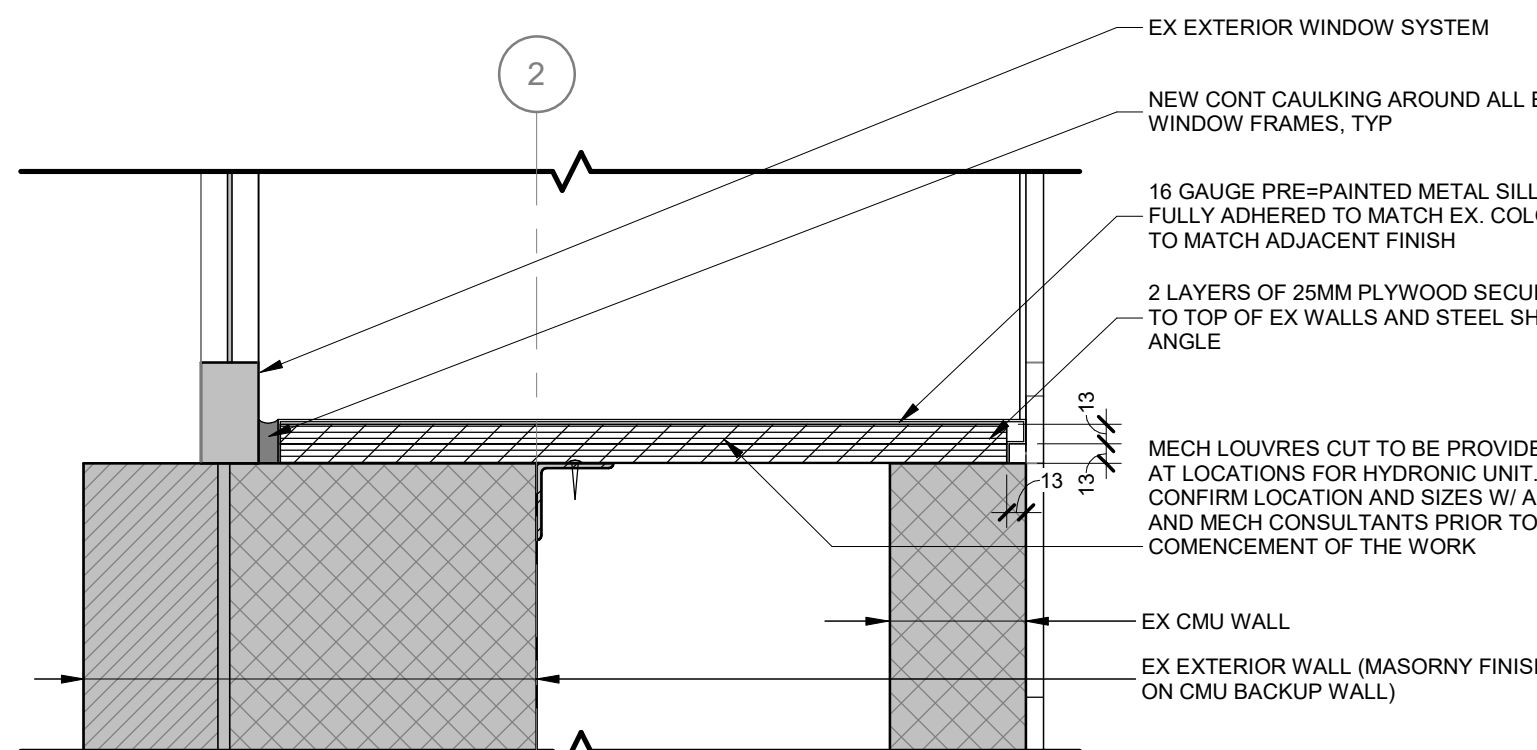


7 SECTION DETAIL - SCREEN
A236 1:5

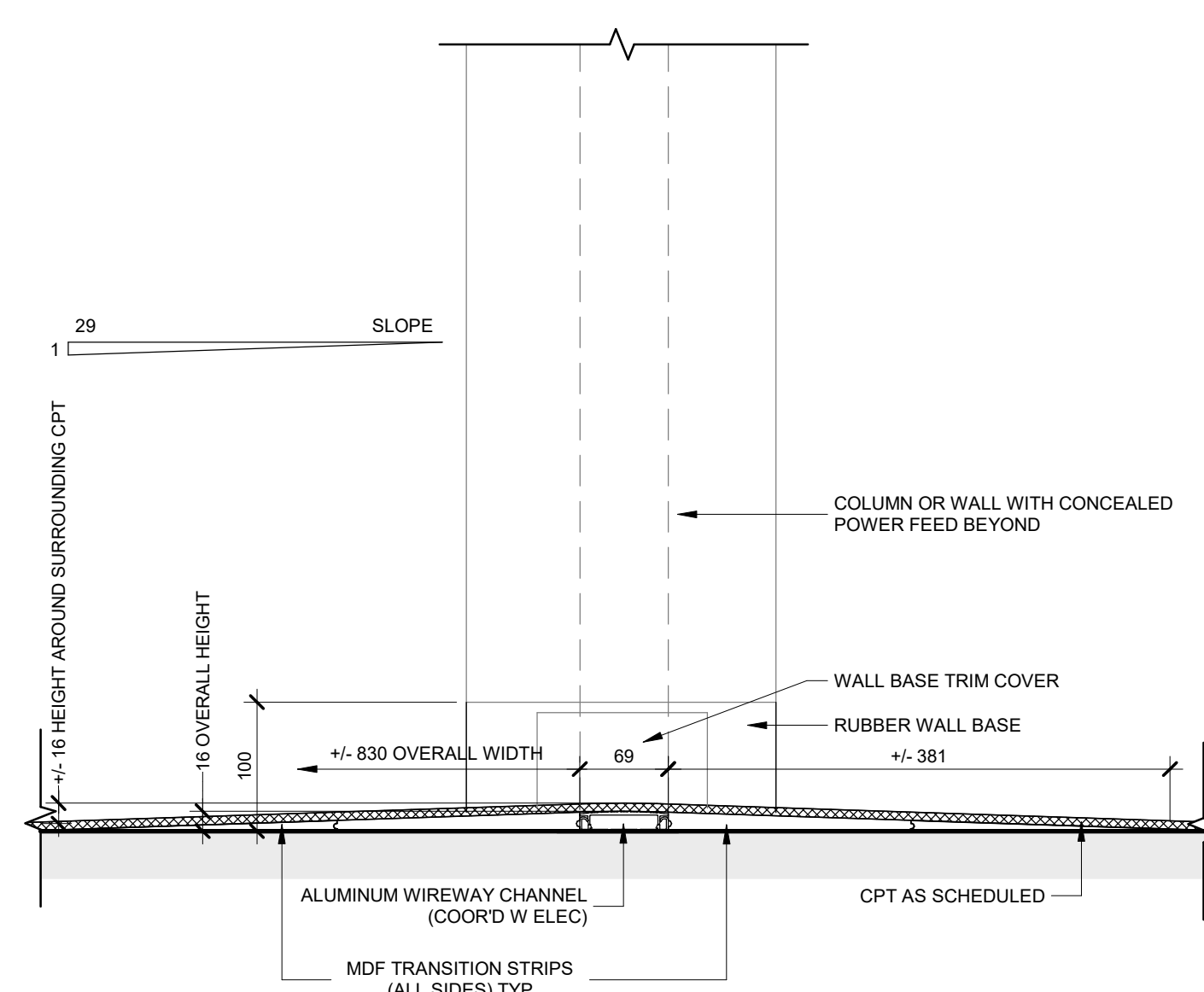


NOTES:
1. CONDITIONS APPLY TO BOTH SIDES OF THE PARTITION.
2. GWB PATCH SHALL NOT TOUCH DUCT/PIPE. SEAL W/ CONT ACOUSTIC NON-HARDENING CAULKING.
3. SUFFICIENT SPACE REQ'D BETWEEN PENETRATIONS TO ALLOW GWB PATCH BETWEEN PENETRATIONS
4. FOR MECH CONDUIT PENETRATIONS, SEAL BOTH ENDS OF CONDUIT SLEEVE W/ FIRESTOP PUTTY

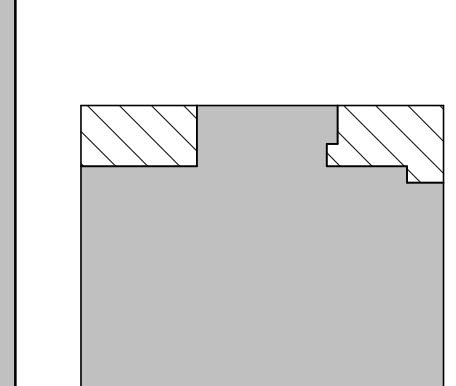
8 SECTION DETAIL - MECH PENETRATIONS
A236 1:5



9 SECTION DETAIL AT WINDOW SILL
A236 1:5



10 FLOOR TRANSITION - CARPET
A236 1:5



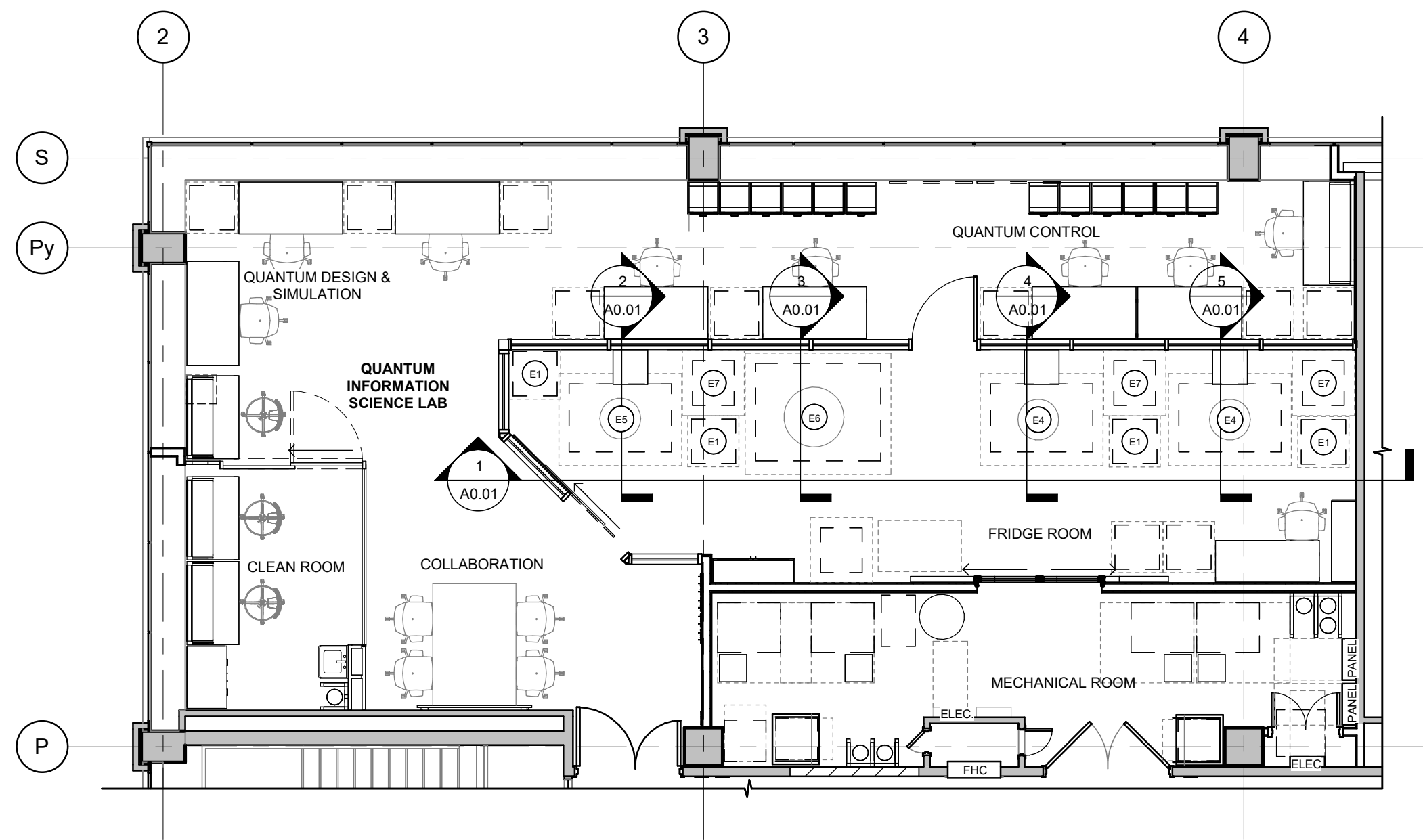
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3	IFT	2025 11 27
2	ISSUED FOR 100% CD	2025 11 21
1	ISSUED FOR 90% CD	2025 10 17
No.	DESCRIPTION	DATE
REVISIONS:		

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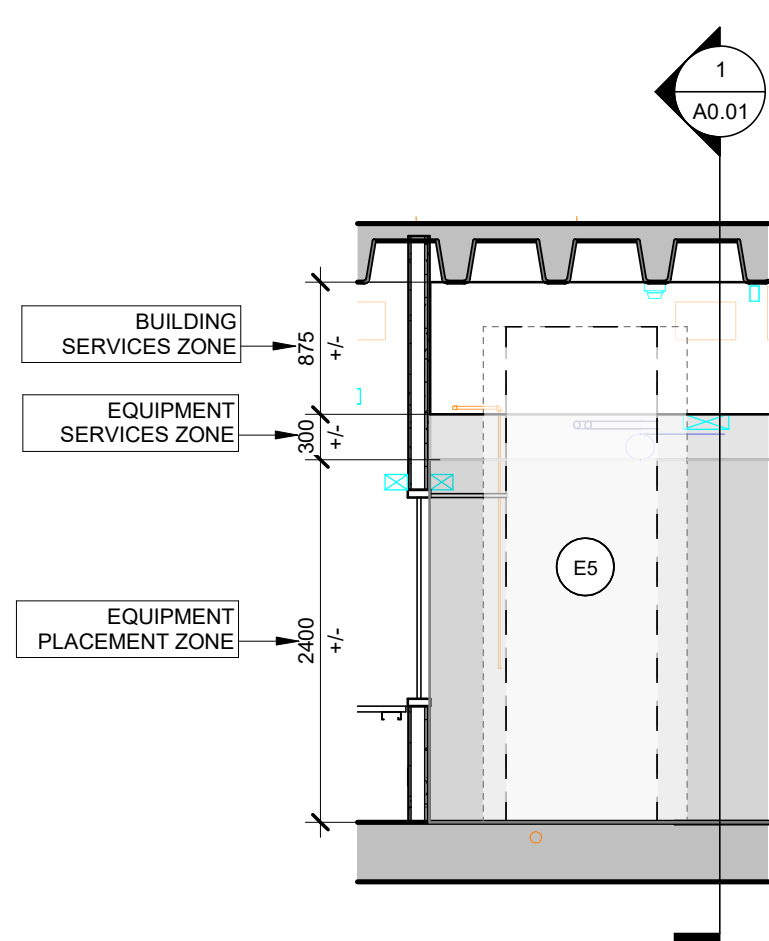
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Westinghouse HQ, 2nd Floor
286 Sanford Ave. N
Hamilton, ON L8L 6A1
905.526.6700
www.mccallumsather.com

PROJECT:
MCLENNAN PHYSICAL LABORATORIES - P078-24-109 - QIS LAB & CQIQC SUITE

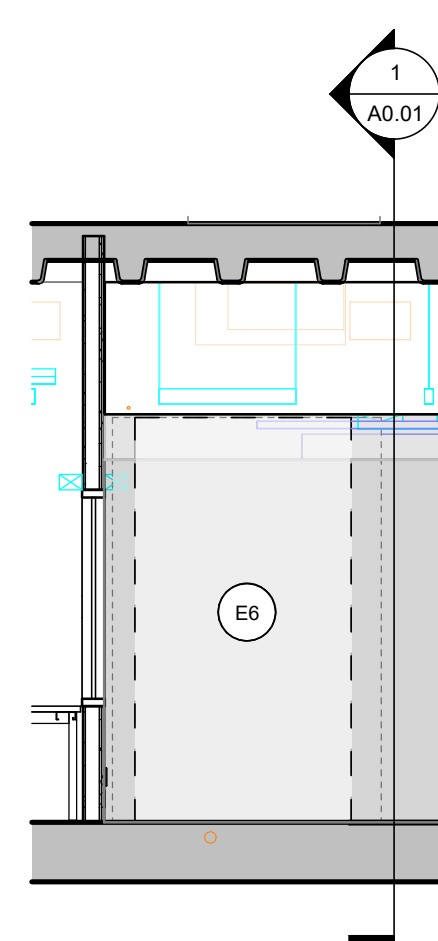
255 HURON STREET, TORONTO, ONTARIO M5S 3J1



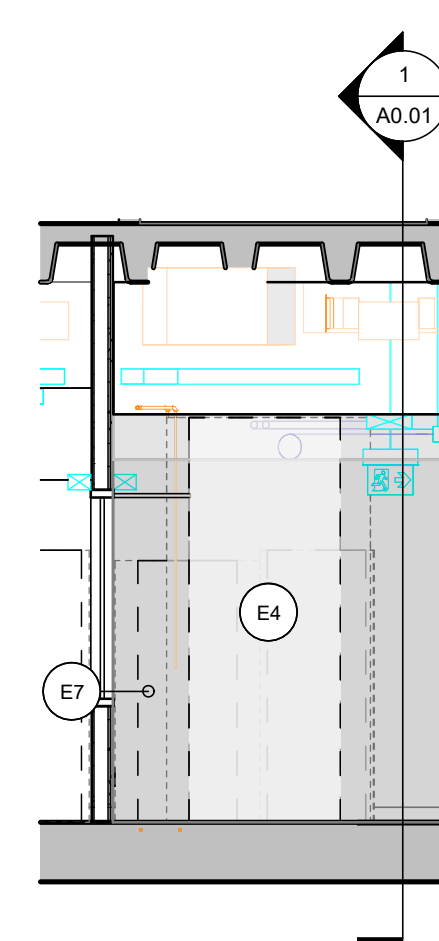
6 3RD FLOOR - QIS LAB FLOOR PLAN
1 : 75



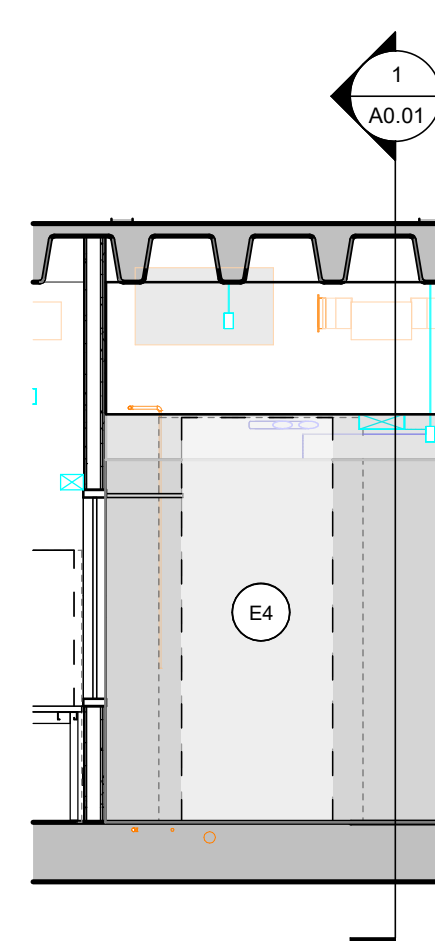
2 TALL FRIDGE SECTION
1 : 50



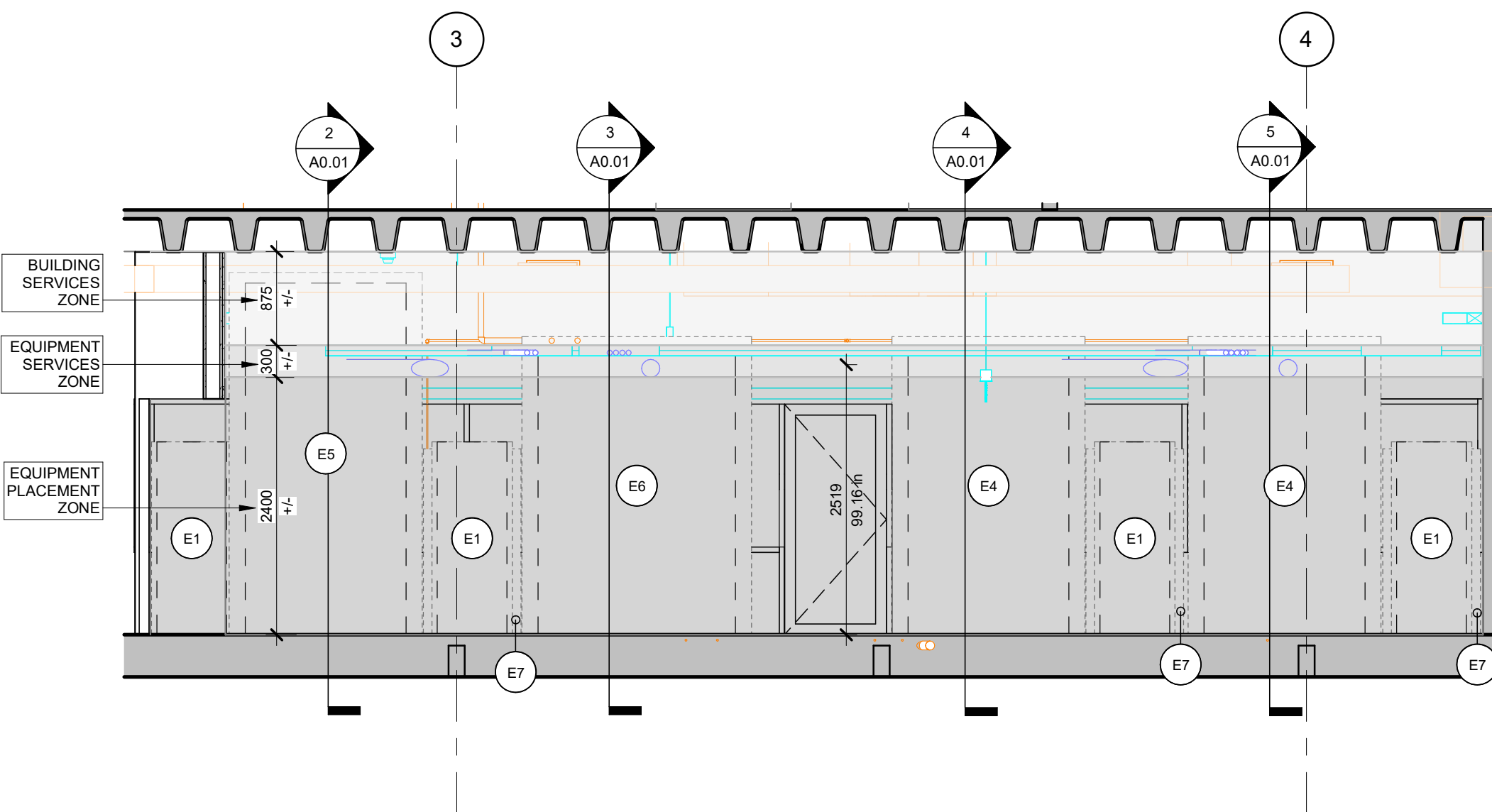
3 LARGE FRIDGE SECTION
1 : 50



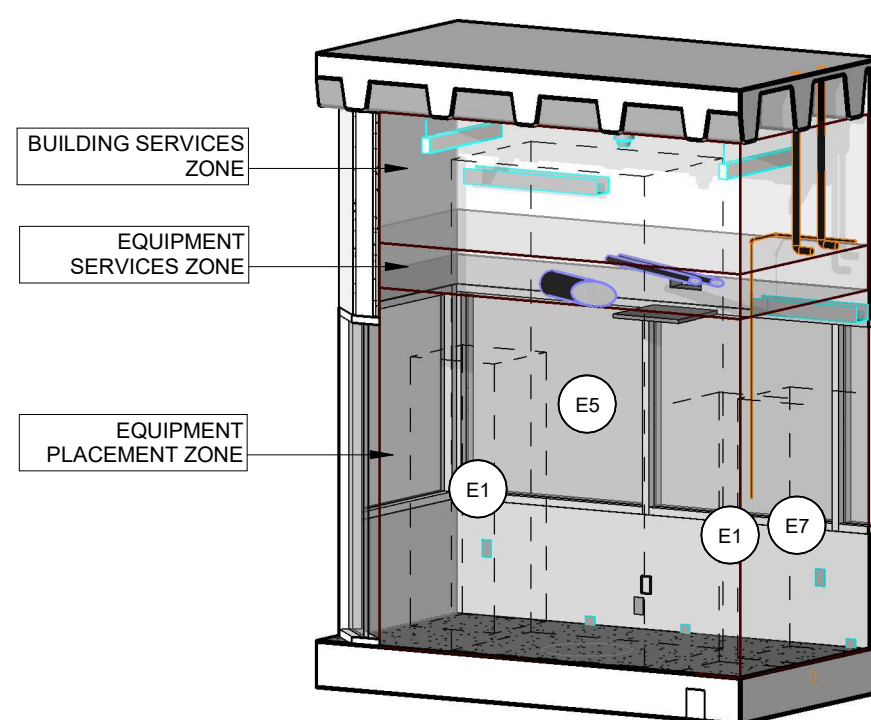
4 TYP FRIDGE-1 SECTION
1 : 50



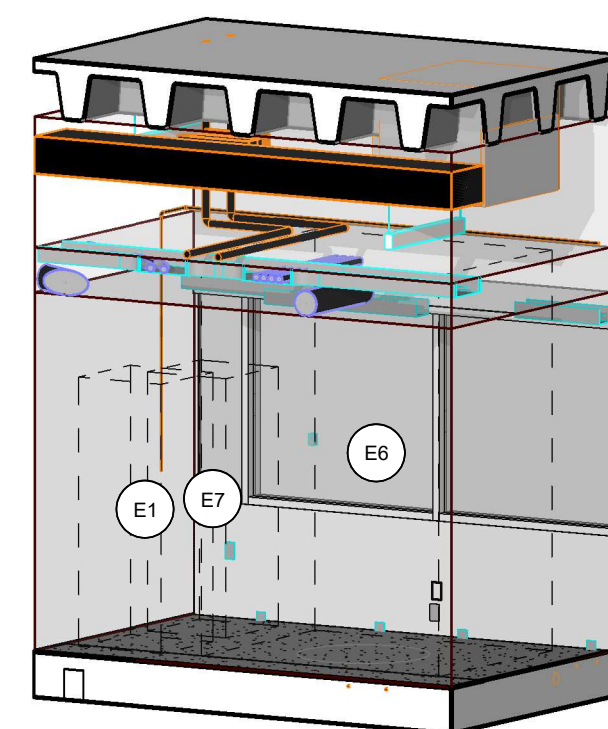
5 TYP FRIDGE-2 SECTION
1 : 50



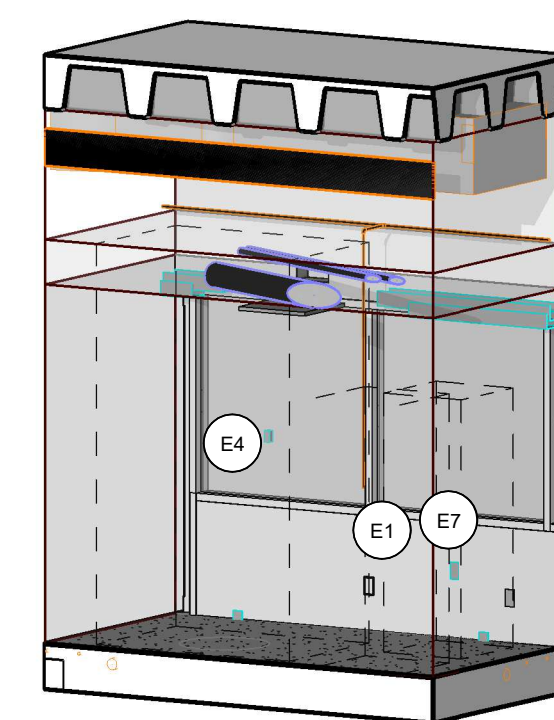
1 QIS - FRIDGE ROOM - EAST TO WEST SECTION
1 : 50



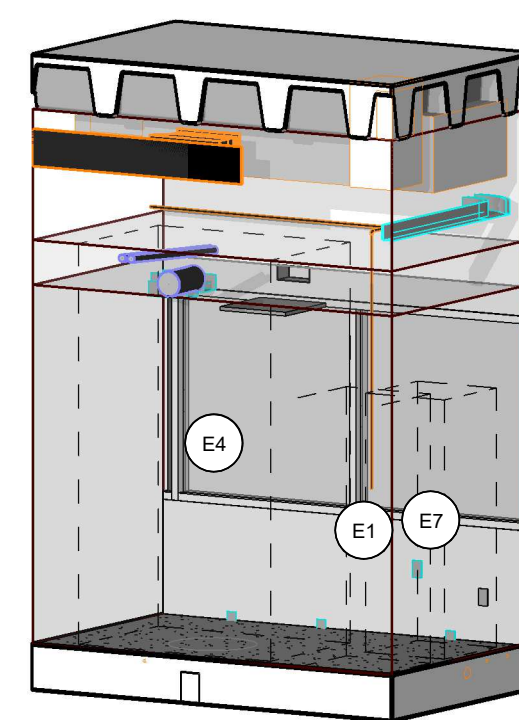
7 QIS - TALL FRIDGE 3D
A0.01



8 QIS - LARGE FRIDGE 3D
A0.01



9 QIS - EQ4 FRIDGE 1 3D
A0.01



10 QIS - EQ4 FRIDGE 2 3D
A0.01

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INFORMATION TO BIDDERS - LEGEND

NOTE:
GC TO ENSURE THERE IS SUFFICIENT CLEAR SPACE PROVIDED FOR CONNECTIONS UP TO TALLER PIECES OF EQUIPMENT.

MBII ELEMENTS: ELECTRICAL ; ICT ; SECURITY ; AV

MECHANICAL ELEMENTS

NOT IN CONTRACT

NOTE:
SOME LIGHT FIXTURES WITHIN THE FRIDGE ROOM MAY BE LOCATED IN OTHER ZONES, AS PER PREVIOUS PLANNING.

ZONE ONE: EQUIPMENT PLACEMENT ZONE
CLEAR SPACE FOR USERS. EXCLUDES WALL MOUNTED SHELVES AND TRAYS ON THE PERIMETER OF ROOM

ZONE TWO: EQUIPMENT SERVICES ZONE
HORIZONTAL SERVICES DEDICATED FOR EQUIPMENT (EG. PIPES AND TRAYS)

ZONE THREE: BUILDING SERVICES ZONE
EG. DUCTS, LIGHTINGS FIXTURES & EQUIPMENT.

UNIVERSITY OF TORONTO

PROJECT LOGO

TRUE NORTH

CONSTRUCTION NORTH

KEY PLAN

1 ADDENDUM #1 2026 01 13

No. DESCRIPTION DATE

REVISIONS

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SEAL

CONSULTANTS:

PROJECT:
MCLENNAN PHYSICAL
LABORATORIES - P078-24-109 -
QIS LAB & CQIQC SUITE

255 HURON STREET, TORONTO,
ONTARIO M5S 3J1

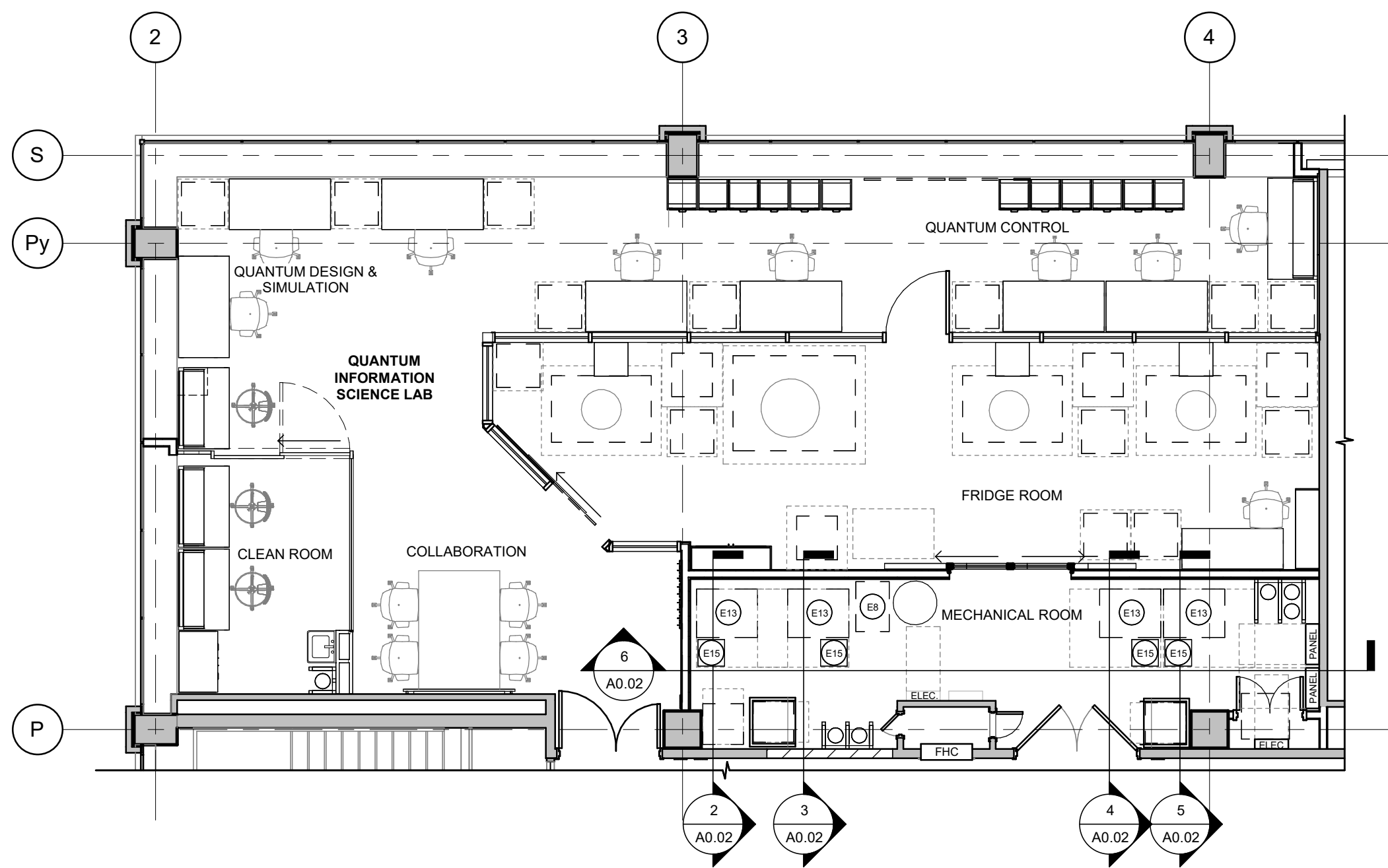
DRAWING TITLE:
INFORMATION TO BIDDERS -
QIS

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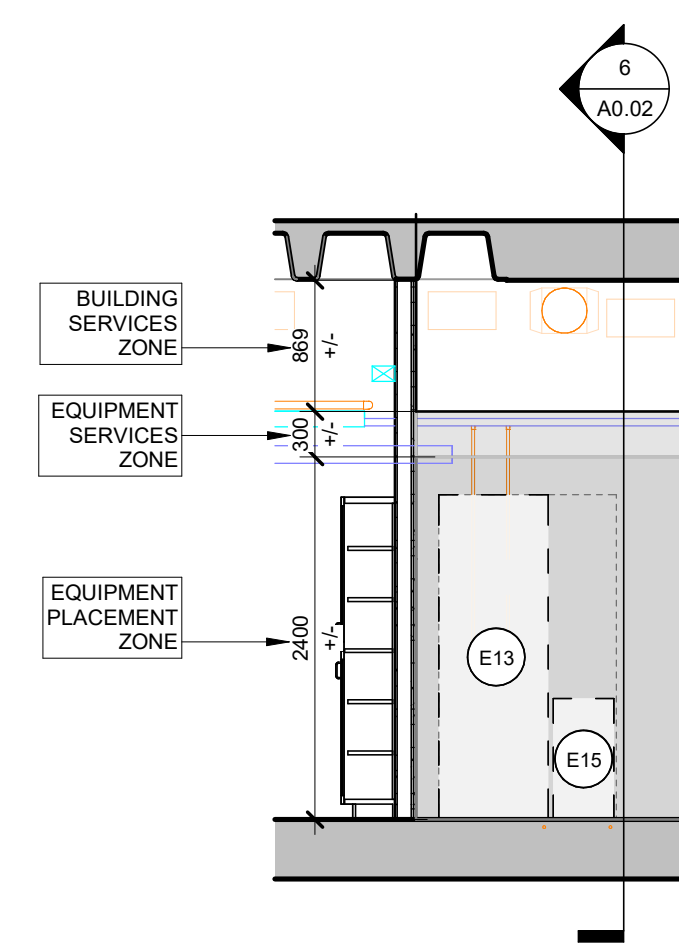
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PROJECT NO. 24119

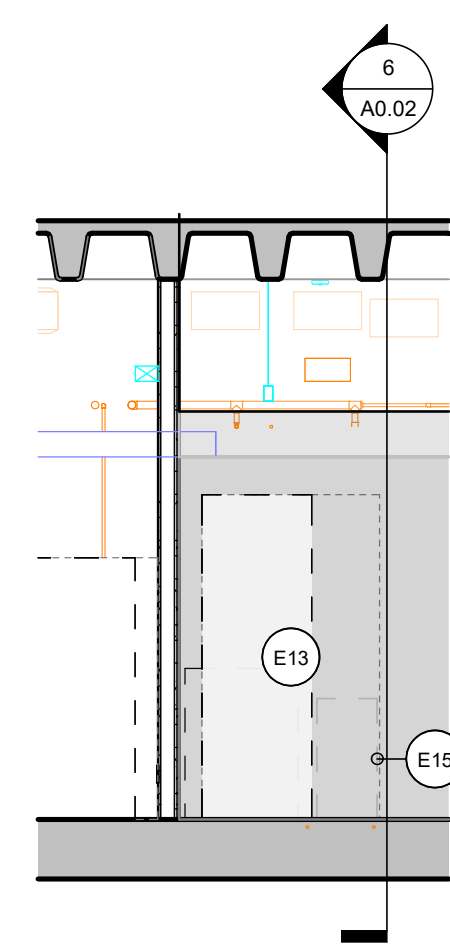
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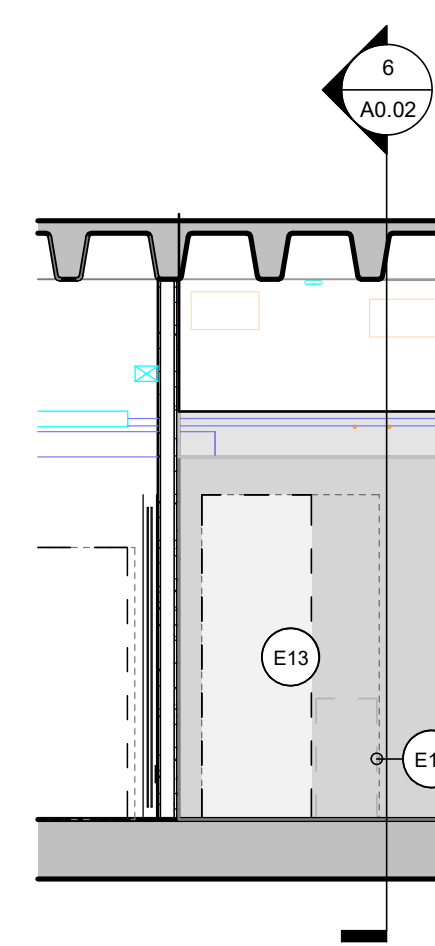
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3RD FLOOR - QIS LAB FLOOR PLAN
1:75



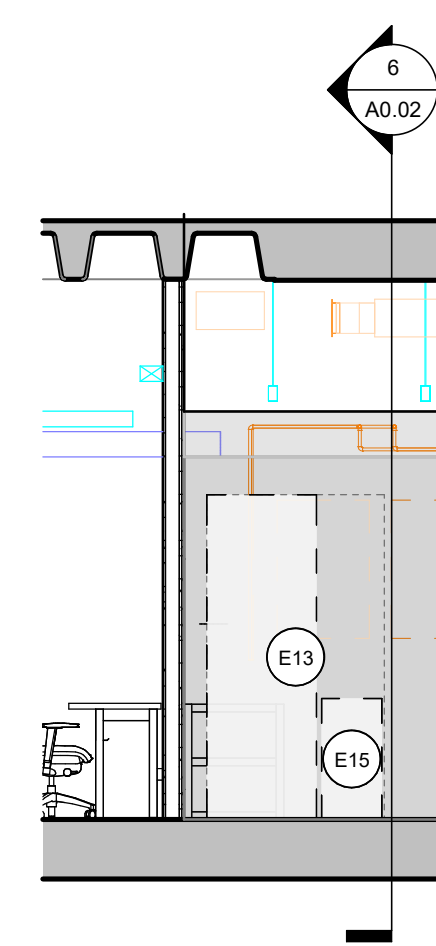
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GAS HANDLING SYSTEM - 1 SECTION
1:50



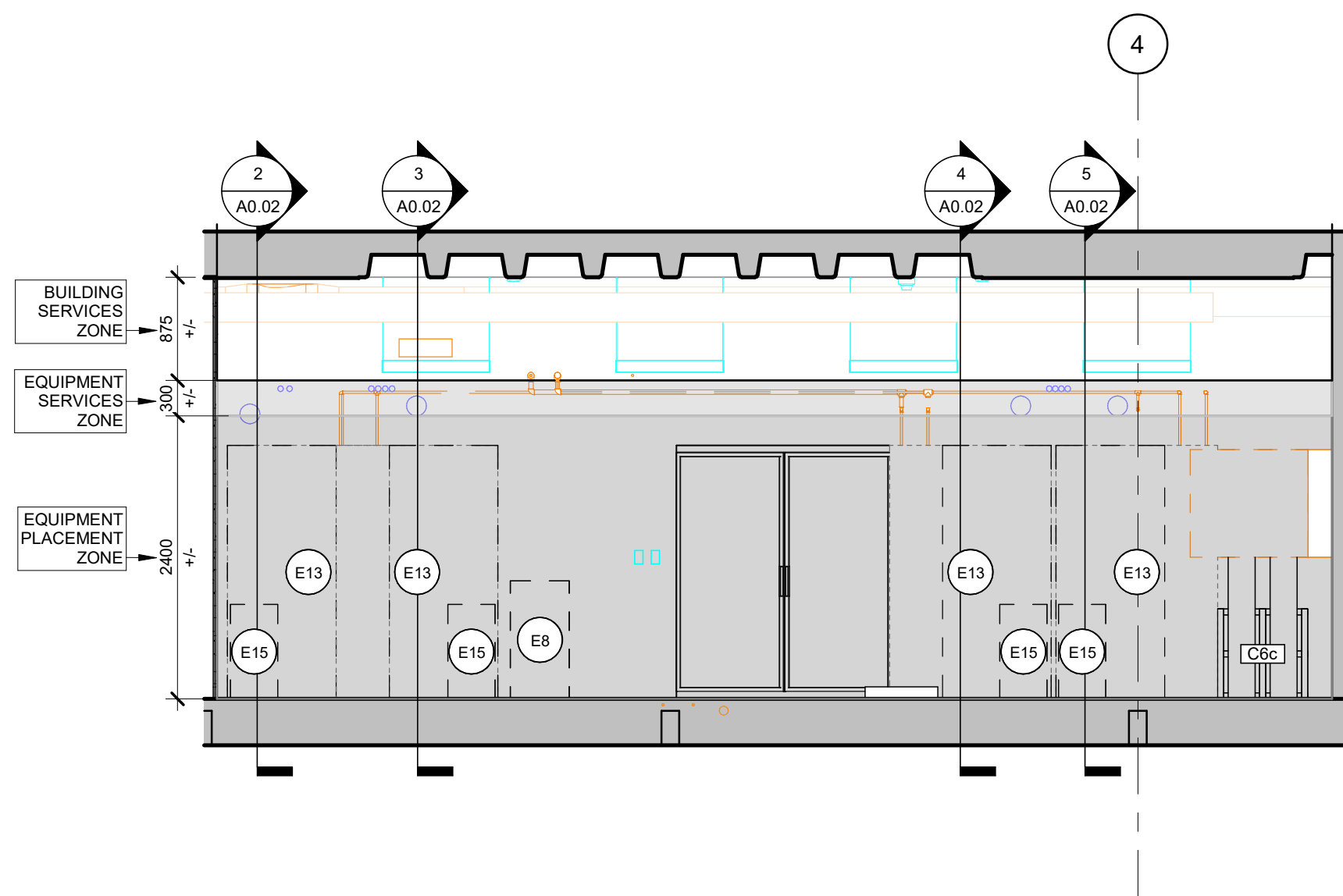
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GAS HANDLING SYSTEM - 2 SECTION
1:50



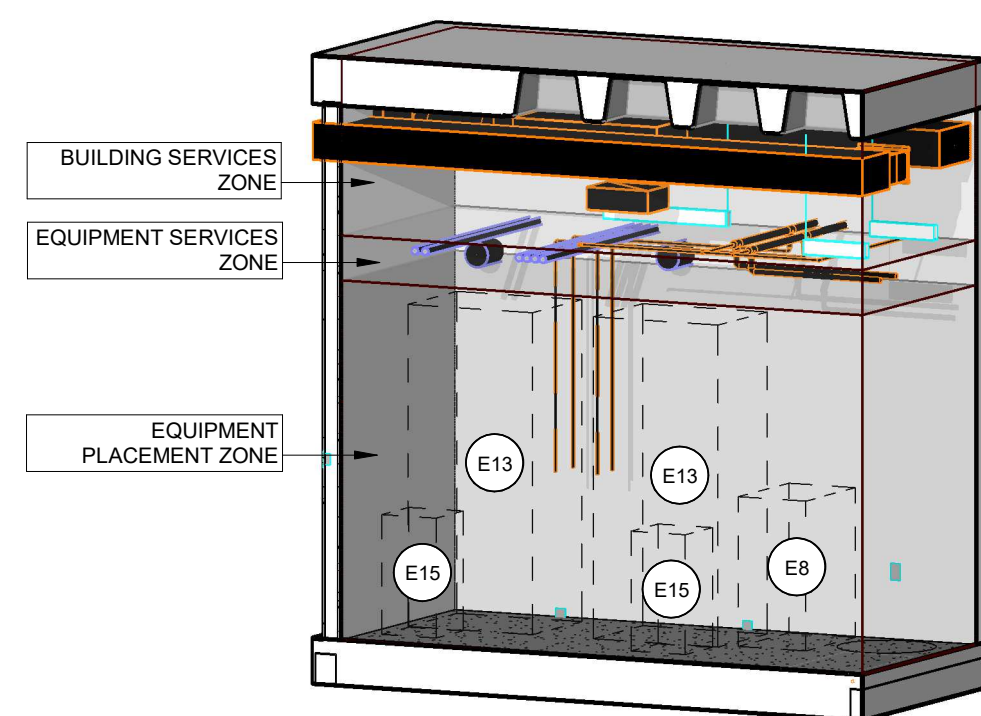
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GAS HANDLING SYSTEM - 3 SECTION
1:50



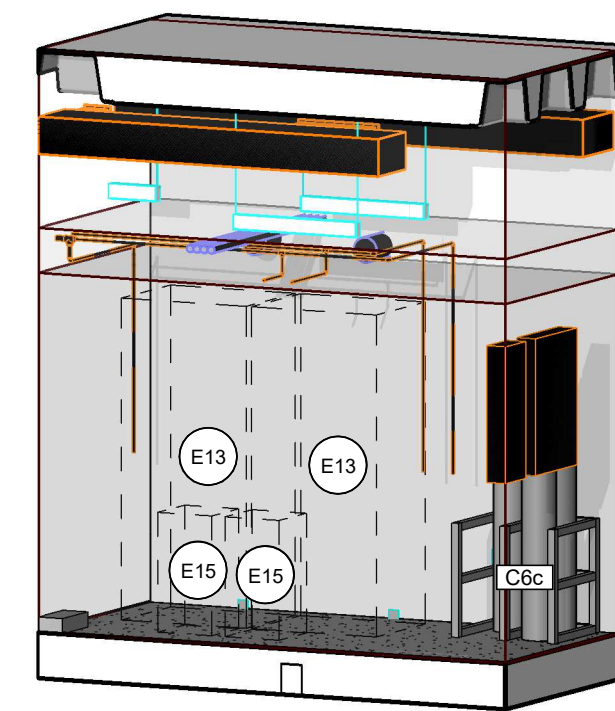
5
A0.02
GAS HANDLING SYSTEM - 4 SECTION
1:50



6
A0.02
QIS - MECHANICAL ROOM - EAST TO WEST SECTION
1:75



7
A0.02
GAS HANDLING SYSTEMS 1-2 - 3D
1:50



8
A0.02
GAS HANDLING SYSTEMS 3-4 - 3D
1:50

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UNIVERSITY OF TORONTO

PROJECT LOGO

TRUE NORTH

CONSTRUCTION NORTH

KEY PLAN

1	ADDENDUM #1	2026.01.13
NO.	DESCRIPTION	DATE

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SEAL

CONSULTANTS:

PROJECT:

MCLENNAN PHYSICAL LABORATORIES - P078-24-109 - QIS LAB & CQIQC SUITE

255 HURON STREET, TORONTO, ONTARIO M5S 3J1

DRAWING TITLE:

INFORMATION TO BIDDERS - QIS

SHEET SIZE:	ARCH D (810x614)	SCALE:	As indicated
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PROJECT NO.	24119
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DRAWING NO.:

A0.02