



UNIVERSITY OF
TORONTO

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

255 Huron Street, Toronto, ON, M5S 3J1

mcCallumSather

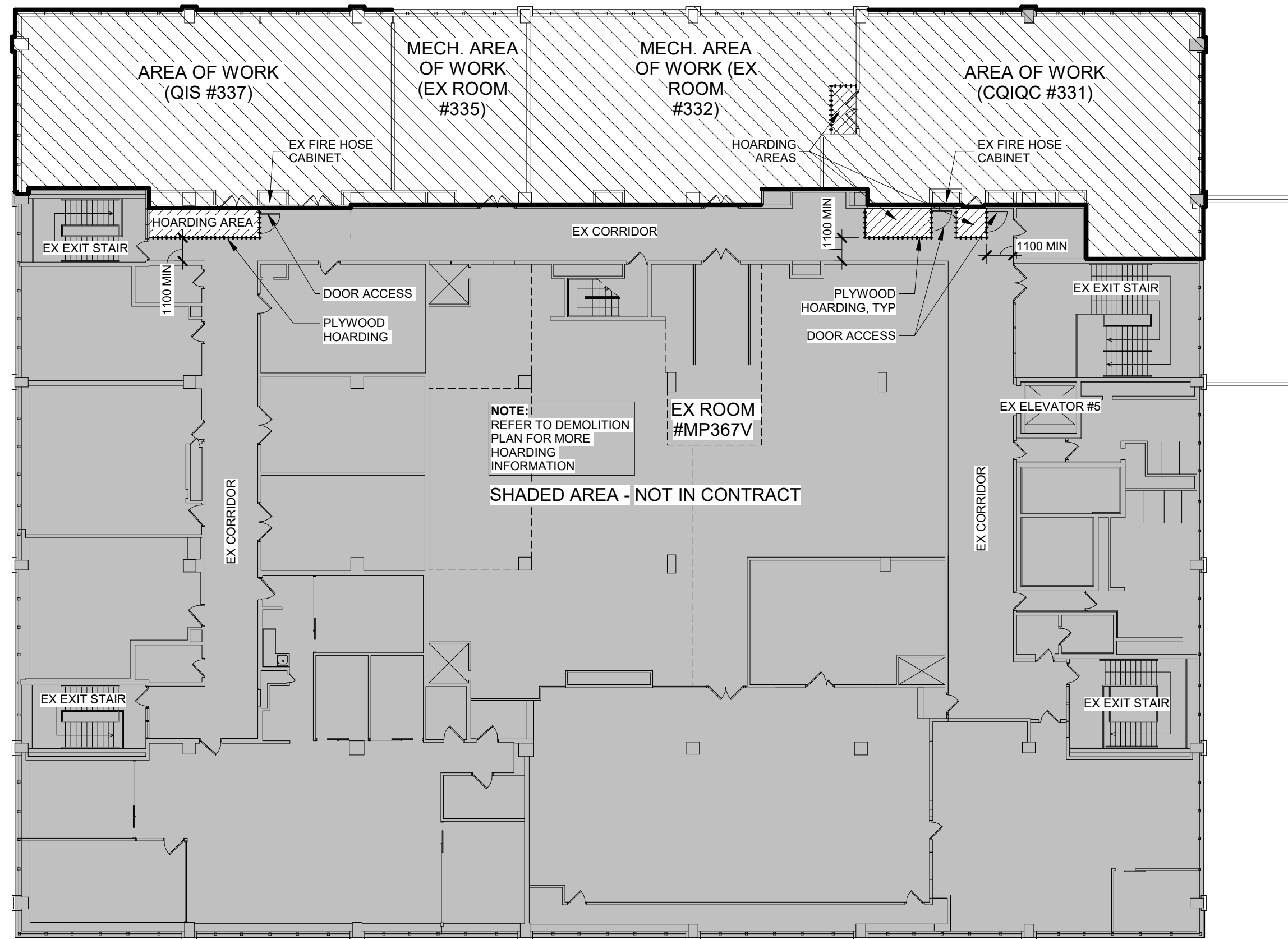
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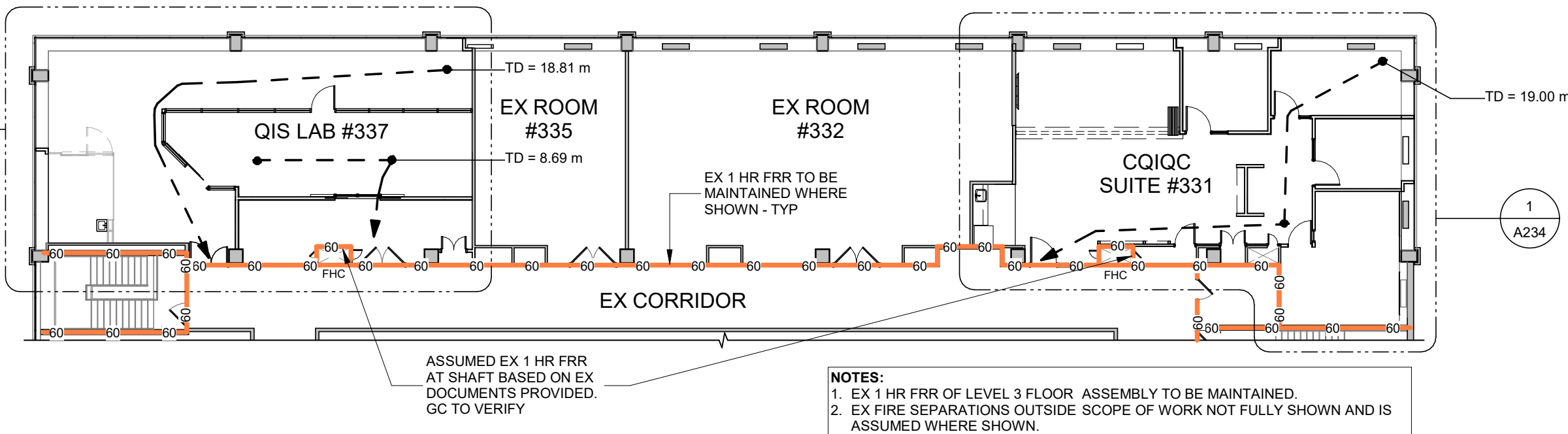
MULVEY & BANANI

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2 OVERALL 3RD FLOOR - AREA OF WORK

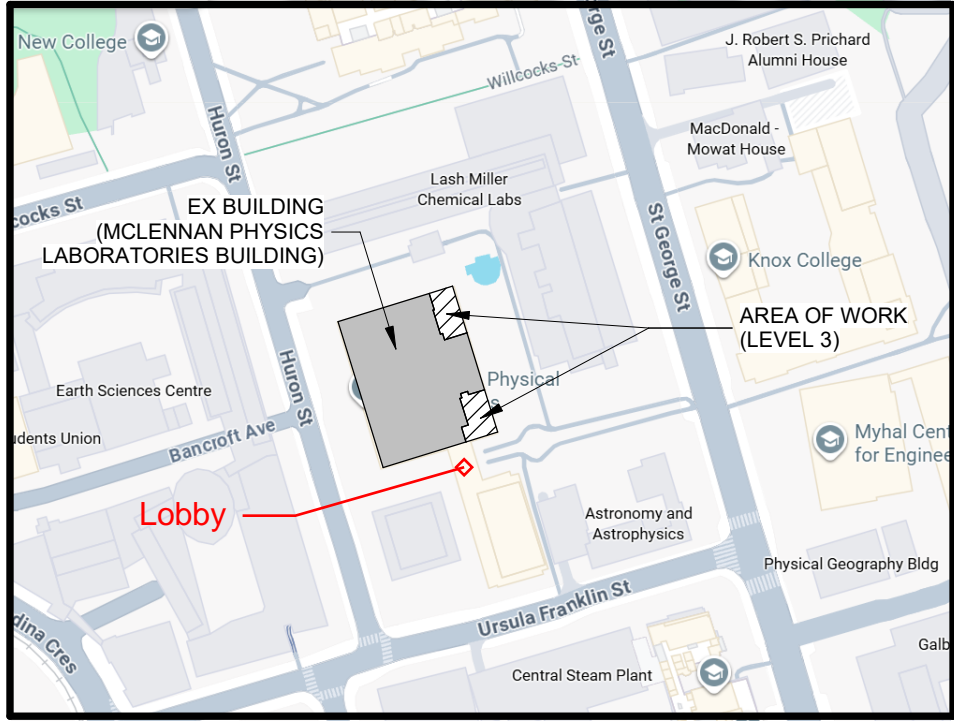
1 : 200



3 PARTIAL 3RD FLOOR - RENOVATION AREA LIFE SAFETY PLAN

1 : 200

| PART 11 OBC MATRIX | | | | | | |
|--------------------|---|---|----------------|------------------|----------------------------------|---|
| Item | Description | Ontario Building Code Data Matrix | | | | OBC Reference |
| | Project 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 NO CHANGE 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 | [A] 1.4.1.2., 11.2., & 11.3. |
| | | NO CHANGE | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Total | | | |
| 11.05 | Building Height: | 3 _____ Storeys Above Grade 11.9 _____ (m) Above Grade 1 _____ Storeys 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 checked="" type="checkbox"/> Normal <input type="checkbox"/> High <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. |
| | Barrier-Free Entrances: | Number: _____ | | | | |
| 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 |

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 |
| M600 | MECHANICAL CONTROL DIAGRAMS |
| 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 | 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

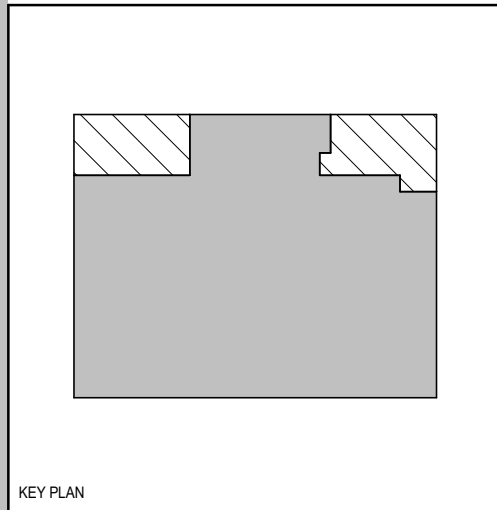
| NO. | NAME |
|--------|--|
| IT-001 | IT/COMMUNICATIONS GENERAL NOTES, LEGEND & DRAWING LIST |
| IT-002 | IT/COMMUNICATIONS SPECIFICATIONS |
| IT-303 | LEVEL 3 - IT/COMMUNICATIONS PLAN |
| IT-601 | IT/COMMUNICATIONS LAN ROOM LAYOUT AND RISER DETAILS |
| IT-602 | IT/COMMUNICATIONS DETAILS 1/3 |
| IT-603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



| NO. | DESCRIPTION | DATE |
|-----|--------------------|------------|
| 1 | ISSUED FOR 100% CD | 2025 09 11 |
| 2 | ISSUED FOR PERMIT | 2025 10 03 |
| 3 | ISSUED FOR 100% R1 | 2025 09 19 |
| 4 | ISSUED FOR 100% CD | 2025 11 21 |
| 5 | ISSUED FOR 100% CD | 2025 11 21 |
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PROJECT:
**McLENNAN PHYSICAL
LABORATORIES - P078-24-109 -
QIS LAB & CQIQC SUITE**

255 HURON STREET, TORONTO,
ONTARIO M5S 3J1

DRAWING TITLE:
COVER SHEET

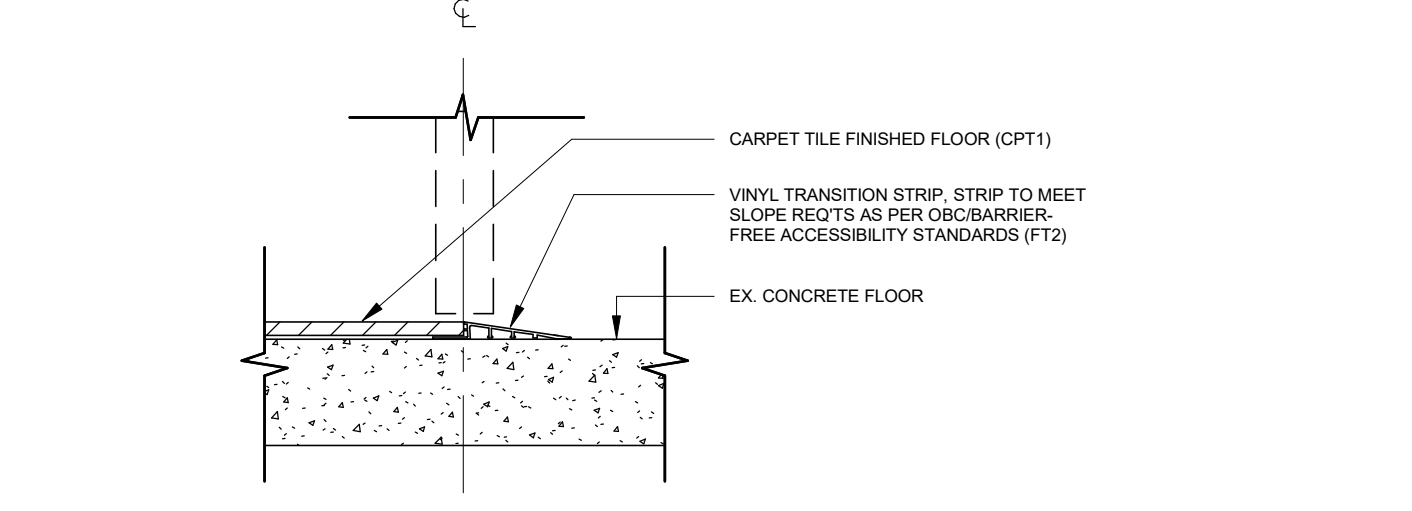
SHEET SIZE: ARCH D SCALE: As indicated

PROJECT NO: **24119**

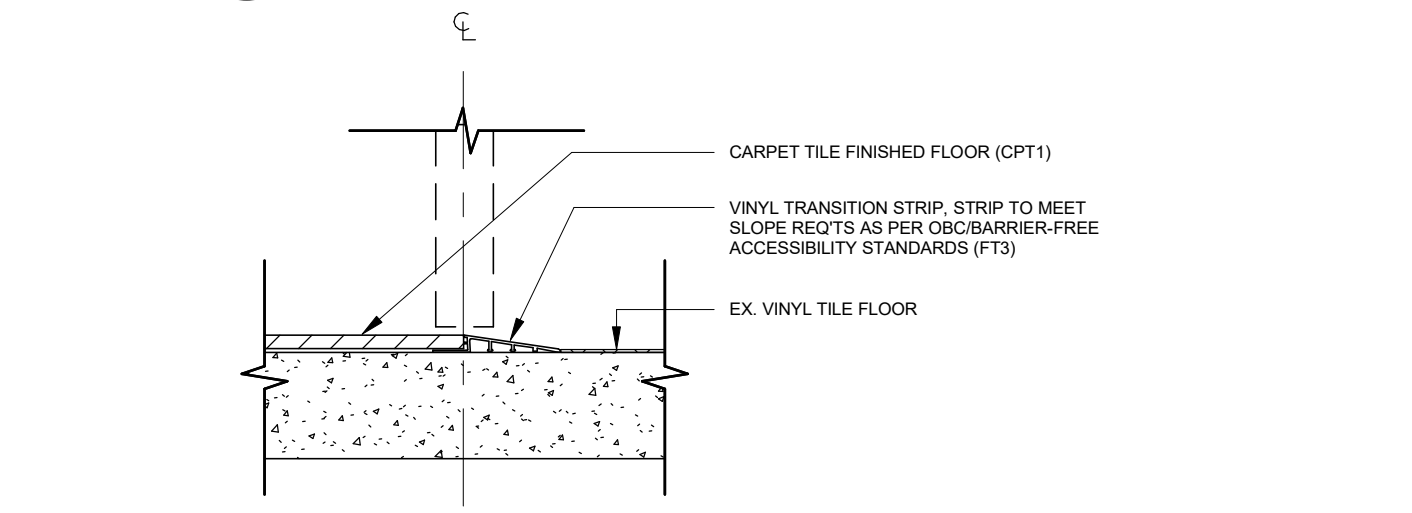
DRAWING NO: **A000**

| 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 | PT1 & PLAM1 & BPG1 & BPG2 | PT1 | ACT2 & PT1 | REFER TO ELEVATIONS FOR DETAILS | |
| 331A | MEETING ROOM | CPT1 | RB1 | PT1 | PT1 & BPG2 | PT1 | BPG1 & PT1 | ACT2 | REFER TO ELEVATIONS FOR DETAILS | |
| 331B | ADMIN OFFICE | CPT1 | RB1 | PT2 | PT1 | PT1 | PT1 | ACT1 | | |
| 331C | DIRECTOR'S OFFICE | CPT1 | RB1 | PT2 | PT2 | PT1 | PT1 | ACT1 | | |
| 331D | VISITOR'S OFFICE | CPT1 | RB1 | PT1 | PT2 | PT1 | PT1 | ACT1 | | |
| 331E | STUDENT / POST DOCTORATE OFFICE | CPT1 | RB1 | PT1 | PT2 | PT1 | PT1 | ACT1 | | |
| 336 | MECHANICAL ROOM | RF3 | RF3 | PT4 | PT4 | PT4 | PT4 | PT4 | | |
| 336A | ELEC CLOSET | RF3 | RF3 | PT4 | PT4 | PT4 | PT4 | EXPOSED | | |
| 337 | QUANTUM INFORMATION SCIENCE LAB | RF1 & RF2 | RF1 & RF2 | PT4 | PT4 | PT4 & PT5 | PT4 | PT4 | COLLABORATION WALL TO RECEIVE PT5 | |
| 337A | CLEAN ROOM | RF2 | RF2 | PT4 | PT4 | PT5 | PT4 | N/A (ACT3) | 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; TEGULAR EDGE ; SIZE: 18mmx24mm 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 | ULTIMA HIGH NRC | SIZE: 24"x48", 75" TCK ; COLOUR: WHITE(WH) | CEILING | BY CLEANROOM SUPPLIER. | |
| BACKPAINTED GLASS | | | | | | |
| BPG1 | CLARUS | BACKPAINTED GLASS | WALL2WALL ; COLOUR: WHITE | WALLS | REFER TO INTERIOR ELEVATIONS FOR DETAILS | |
| BPG2 | CLARUS | MAGNETIC BACKPAINTED GLASS | WALL2WALL ; COLOUR: CBC-624 | WALLS | REFER TO INTERIOR ELEVATIONS FOR DETAILS | |
| 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 | 2181 VOLCANO GREY | LAB COUNTERTOP | ALL CASEWORK TOPS WITHIN LAB SPACE | |
| LUXURY VINYL TILE | | | | | | |
| LVT1 | INTERFACE | EARTHERN FORMS | HEARTH 4.5mm ; COLOUR: GRIS ; SIZE: 50cm 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 | FORMICA | FENIX | ROSSO JAIPUR J0751 | MILLWORK FINISH | COLOURED CORE | |
| PAINT | | | | | | |
| PT1 | BENJAMIN MOORE | | SIMPLY WHITE OC-117 | COICQ FIELD COLOUR WALLS & DOOR TRIM & CEILING | WALLS: EGGSHELL ; CEILING: FLAT DOORS & TRIM: SATIN | |
| PT2 | BENJAMIN MOORE | | EUCALYPTUS LEAF 2144-20 | COICQ; ACCENT WALL | WALLS: EGGSHELL ; CEILING: FLAT DOORS & TRIM: SATIN | |
| PT3 | | | 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: 2940 | FLOORING | REFER TO ROOM FINISH SCHEDULE - COLD WELD AT VERTICAL FLASH COVE BASE - COLD WELD COLOUR: 2999 | |
| 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 | | | | | | |
| WF1 | LEVVEY | WRITEGLASS | OPAQUE WHITE FILM WITH GLOSSY FINISH | INTERIOR SCREEN GLAZING | REFER TO INTERIOR ELEVATIONS FOR LOCATION AND SIZING | |

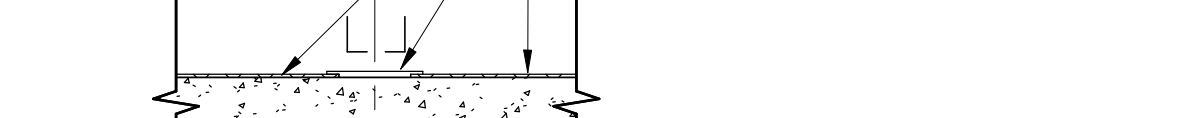
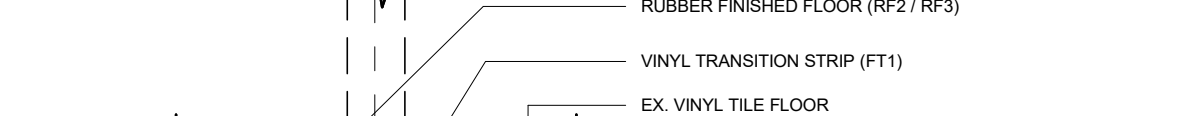
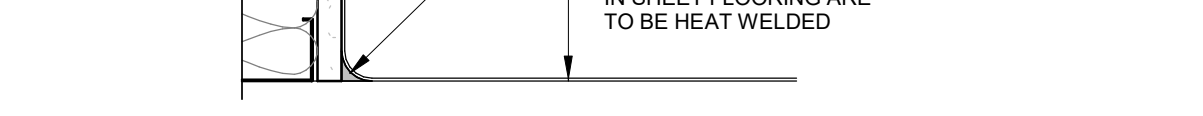
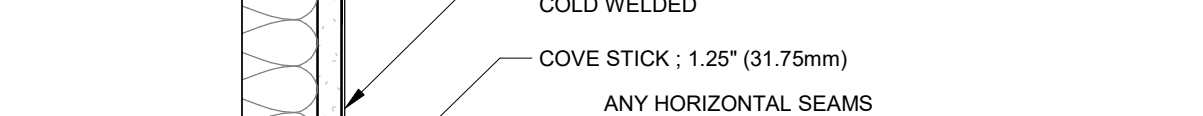
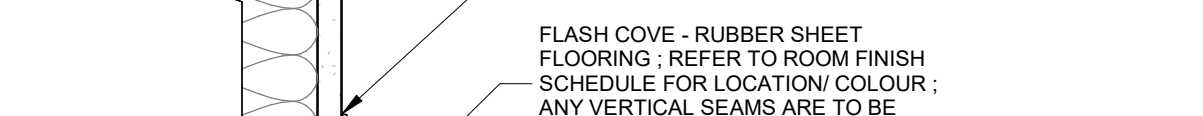
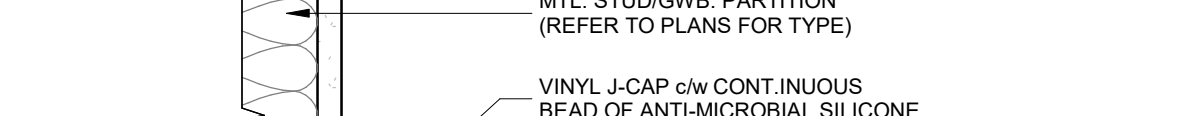
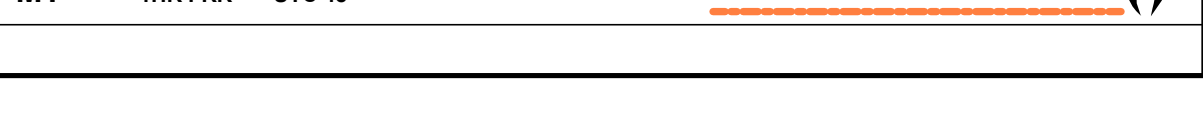
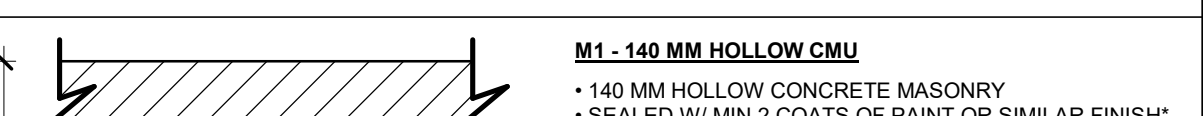
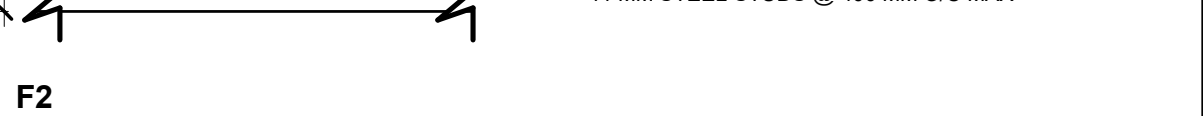
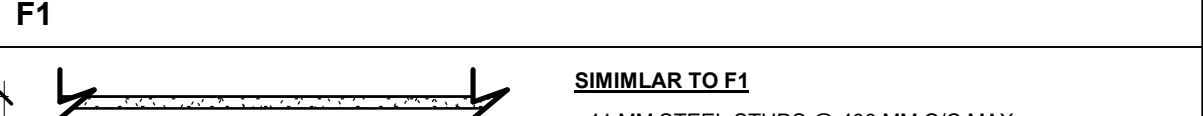
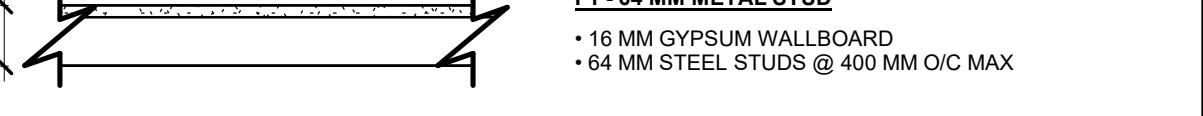
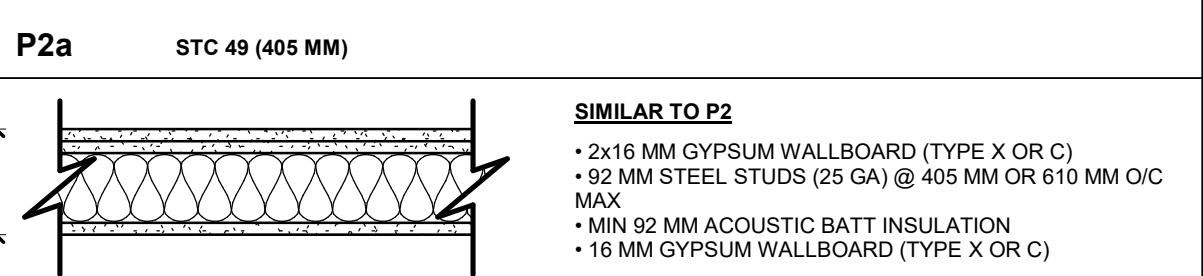
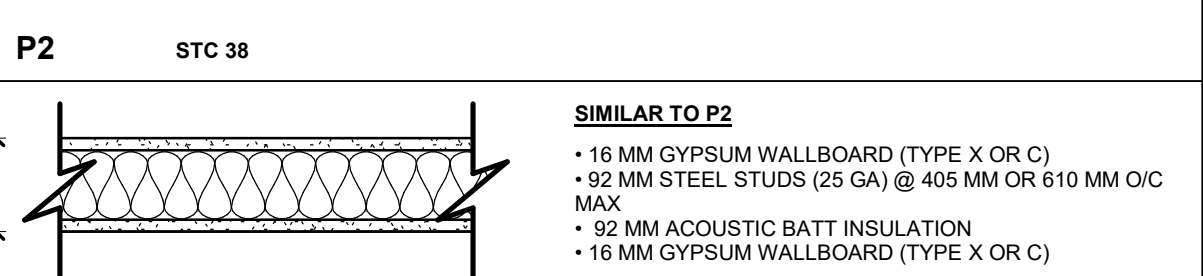
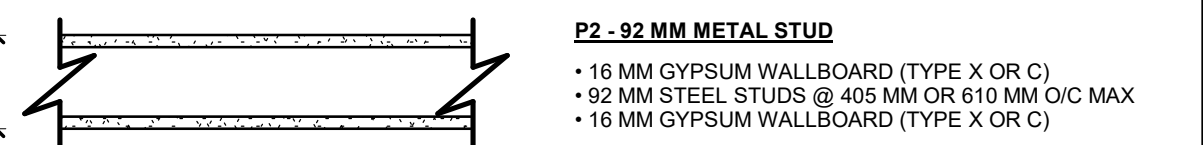
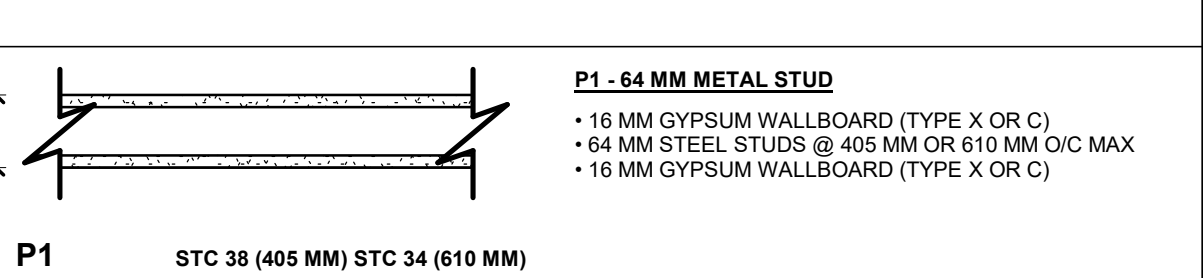


1 TYP. CARPET TO EX CONCRETE FLOOR 1:5 A001




2 TYP. CARPET TO EX VCT TILE FLOOR 1:5 A001

INTERIOR PARTITIONS



| ABBREVIATIONS | | | | | |
|---------------|----------------------------------|-------|---|--------|--------------------------------|
| A | | F | | O | |
| @ | AT | FBLT | FLUSH BOLT | OBCC | ONTARIO BUILDING CODE |
| AB | AIR BARRIER | FD | FIRE DEPARTMENT | OBC | ON CENTER |
| ACC | AIR CONDITIONING | FDC | CONNECTION | ODC | OUTSIDE DIMENSION |
| ACP | ALUMINUM COMPOSITE PANEL | FE | FIRE EXTINGUISHER | OFD | OUTSIDE FACE |
| ADCT | ADJUSTABLE CEILING TILE | FFC | FIRE EXTINGUISHER CABINET | OFF | OFFICE |
| ADJ | ADJUSTABLE | FF | FACTORY FINISH | OH | OVERHEAD |
| AF | ACCESS FLOOR | FHC | FIRE HOSE CABINET | OPDS | ONTARIO PROVINCIAL |
| AFB | ACUSTIC FIRE BATT | FIN | FINISH | OSB | STANDARD DETAIL |
| AIFB | ASPHALT IMPREGNATED FIBRE BOARD | FL | FLOOR | OPSS | ONTARIO PROVINCIAL |
| AHU | AIR HANDLING UNIT | FLASH | FLASHING | OSBS | STANDARD SPECIFICATION |
| AL | ALUMINUM | FND | FOUNDATION | OSWJ | ORIENTED STRAND BOARD |
| ALUM | ALUMINUM | FP | FACTORY PRIMED (SITE PAINTED) | | OPEN WEED STAIL JOIST |
| ANOD | ANODIZED | FR | FRAME | P | |
| AP | ACCESS PANEL | FRG | FIRE RATED GLASS | PT | PAINT |
| APPROX | APPROXIMATE | FRR | FIRE RESISTANCE RATING | PART | PARTITION |
| AR | ABUSE RESISTANT | FS | FIRE SEPARATION | PBQ | PUSH BUTTON UNDER COUNTER |
| ARCH | ARCHITECTURAL | FT | FEET | PBCQ | PUSH BUTTON UNDER COUNTER |
| AUD | AUDITORIUM | FTG | FOOTING | PED | PEDESTAL |
| AVB | AIR / VAPOUR BARRIER | FUR | FURNITURE | PLM | PLASTIC LAMINATE |
| AV | AUDIO / VISUAL | G | | PLYWD | PLYWOOD |
| B | | GA | GALVE | PLYETH | PLYETHYLENE |
| BD | BOARD | GALV | GALVANIZED | PREFIN | REFINISHED |
| BEW | BOTTOM EACH WAY | GC | GENERAL CONTRACTOR | PRHT | PARTIAL HEIGHT |
| BF | BARRIER FREE | GWFB | GYPSUM FIBRE WALL BOARD | PRT | PRESSURE TREATED |
| BG | BUMPER GUARD | GL | GLAZING | PTD | PAINTED |
| BLDG | BUILDING | GLAZ | GLAZIN | R | |
| BLK | BLOCK | GRAN | GRANULAR | RAD | RADIUS |
| BL | BOTTOM LOWER LAYER | GRD | GROUND | REFD | REFLECTED CEILING PLAN |
| BN | BENCH MARK | GRW | GYPSUM WALL BOARD | ROF | ROOF DRAIN |
| BPG1 | BOTTOM POST GLASS | GWG | GEORGIAN WIRE GLASS | REIN | REINFORCED |
| BP | BASE PLATE | GYP | GYPSUM | REQD | REQUIRED |
| BR | BRICK | H | | REQDTS | REQUIREMENTS |
| BRD | BOARD | HB | HOSE BIB | RENO | RENOVATION |
| BSPMT | BASEMENT | HD | HEAVY DUTY | RECE | RECESSED |
| BSP | BENT STEEL PLATE | HEF | HORIZONTAL EACH FACE | RECE | RECESSED FIRE EXTINGUISHER |
| BTM | BOTTOM | HIF | HORIZONTAL INSIDE FACE | RM | RECESSED HEATING CABINET ROOM |
| BTW | BETWEEN | HM | HOLLOW METAL | RO | ROUGH OPENING |
| BUL | BOTTOM LOWER LAYER | HOF | HORIZONTAL OUTSIDE FACE | RUB | RUBBER |
| C | | HORIZ | HORIZONTAL | RTU | ROOF TOP UNIT |
| CA | CLEAR ANODIZED | HR | HOUR | RESUL | RESILIENT SHEET FLOORING |
| CB | CATCH BASIN | HRL | HAND RAIL | RWL | RAIN WATER LEADER |
| CBD | CEMENT BOARD | HSS | HOLLOW STRUCTURAL STEEL | S | |
| CC | CENTER TO CENTER | HT | HEIGHT | S | SINK |
| CC | CORNER GUARD | HTR | HEATER | SEG | SEGREGATION |
| CIP | CAST IN PLACE CONSTRUCTION JOINT | HP | HIGH POINT | SGF | SQUARE FT |
| CL | CENTER LINE | HVAC | HEATING, VENTILATION AND AIR CONDITIONING | SC | SAWCUT |
| CLG | CEILING | I | | SCWD | SOLID WOOD |
| CLR | CLEAR | IGU | INSULATED GLAZING UNIT | SHT | SHEET |
| CLST | CLOSET | IC | INCLUDED IN CONTRACT | SHTG | SHEATHING |
| CMP | COMPOSITE METAL PANEL | ID | INSIDE DIMENSION | SIM | SIMILAR |
| CMU | CONCRETE MASONRY UNIT | IF | INSIDE FACE | SOG | SLAB ON GRADE |
| COL | COLUMN | IHM | INSULATED HOLLOW METAL | SPC | SPRUE |
| CONC | CONCRETE | INCL | INCLUDED | SFF | SPRUE PINE FIR |
| COORD | COORDINATE | INSUL | INSULATION | SRF | SOLID REINFORCING |
| CORR | CORROSION | INT | INTERIOR | SQ | SQUARE |
| CPT | CARPET | IRWB | IMPACT RESISTANT WALL BOARD | SQM | SQUARE METERS |
| CR | CARD READER | J | | SS | STAINLESS STEEL |
| CRS | COURSE | JAN | JANITOR | STOR | STORAGE |
| CT | CURTAIN TRACK | JT | JOINT | STRUCT | STRUCTURAL |
| CW | COMPLETE WITH | K | | STL | STEEL |
| CWT | CERAMIC WALL TILE | KP | KICKPLATE | STM | STORM |
| CIV | CIVIL | KPD | KEY PAD | STRUCT | STRUCTURAL |
| D | | L | | SUSP | SUSPENDED |
| DB | DEPTH | LAM | LAMINATE | SWRD | SIDE WALL ROOF DRAIN |
| DB | DOOR BELL | LAV | LAVATORY | T | |
| DBLT | DOOR BELL | LNO | LINOLEUM | TL | TILE |
| DBL | DOUBLE | LSG | LAMINATED SAFETY GLASS | TB | THERMALLY BROKEN |
| DBN | DOUBLE BULLNOSED | LTWT | LOW WEIGHT | TBD | TO BE DETERMINED |
| DC | DOOR CLOSER | LS | LOCK SET | TBHM | THERMALLY BROKEN HOLLOW METAL |
| DCA | DOOR CONTROL ALARM | M | | TR | THROUGH DISTANCE |
| DEG | DEGREE | M | METRES | TEMP | TEMPERATURE |
| DEMO | DEMOLITION | MAG | MAGNETIC LOCK | TH | THRESHOLD |
| DF | DRINKING FOUNTAIN | MANUF | MANUFACTURED | THK | THICKNESS |
| DIA | DIAMETER | MAX | MAXIMUM | TJ | THE JOIST |
| DM | DIMENSION | MAT | MATERIAL | TLL | TOP LOWER LAYER |
| DIV | DIVISION | MDF | MEDIUM DENSITY FIBRE BOARD | TRAN | TRANSITION |
| DN | DOWN | MECH | MECHANICAL | TRN | THRU TURN LOCK |
| DP | DEMOUNTABLE PARTITION | MEMB | MEMBRANE | TWF | THROUGH WALL FLASHING |
| DS | DOOR STOP | MEZZ | MEZZANINE | TIO | TOP OF |
| DSL | DOOR SEAL | MH | MANHOLE | TUL | TOP LOWER LAYER |
| DSW | DOOR SWEEP | MHO | MAGNETIC HOLD OPEN | TY | TYPICAL |
| DT | DRAWING(S) | MIN | MINIMUM | TXP | TRANSFORMER |
| E | | MIR | MIRROR | U | |
| EA | EACH | MISC | MISCELLANEOUS | UC | UNDERGROUND |
| EF | EACH FACE | MLK | MILLWORK | UNO | UNLESS NOTED OTHERWISE |
| ELEC | ELECTRICAL | MO | MASONRY OPENING | URNAL | URNAL |
| ELEV | ELEVATION | MOD | MODIFIED BUTIRUM | US | UNDERSIDE OF |
| ECC | EXPOXY CEILING COATING | MSU | MEDICAL SERVICE UNIT | V | |
| ECF | EMERGENCY POWER | MTL | METAL | VB | VAPOUR BARRIER |
| ENCL | ENCLOSED | MTE | MOUNTED | VCT | VINYL COMPOSITE TILE |
| EQ | EQUIPMENT | MOTN | MOTION SENSOR | VEST | VESTIBULE |
| ES | ELECTRIC STRIKE | M&E | MECHANICAL & ELECTRICAL | VEF | VERTICAL EACH FACE |
| ESR | ELECTRIC STRIKE ROUGH-IN | N | | VER | VERTICAL INSIDE FACE |
| ETC | ELECTRICAL | NBC | NATIONAL BUILDING CODE | VR | VAPOUR RETARDER |
| ETC | ELECTRICAL | NIC | NOT IN CONTRACT | W | |
| EW | EACH WAY | NFHB | NON FREEZER HOSE BIB | W | WATER |
| EW | EACH WAY | NLS | NUMBER | WC | WATER CLOSET |
| EW | EACH WAY | NTS | NOT TO SCALE | W | WOOD |
| EW | EACH WAY | O | | WFE | WALL MOUNTED FIRE EXTINGUISHER |
| EW | EACH WAY | | | W | WATER VALVE |
| EW | EACH WAY | | | WWM | WELDED WIRE MESS |
| EW | EACH WAY | | | W | WITHOUT |
| EW | EACH WAY | | | W/R | WITH |
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UNIVERSITY OF
TORONTO

PROJECT LOGO

KEY PLAN

3 IFT

2 ISSUED FOR 100% CD

1 ISSUED FOR 90% CD

No.

DESCRIPTION

DATE

2025.11.27

2025.11.21

2025.10.17

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.

THE DRAWING IS PROTECTED BY COPYRIGHT.

ALL DIMENSIONS ARE SHOWN IN MILLIMETERS.

DO NOT SCALE THE DRAWINGS.

mcCallumSather

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

DRAWING TITLE:

DOOR & SCREEN SCHEDULE

SHEET SIZE:

ARCH D (810x914)

SCALE:

As indicated

PROJECT NO.

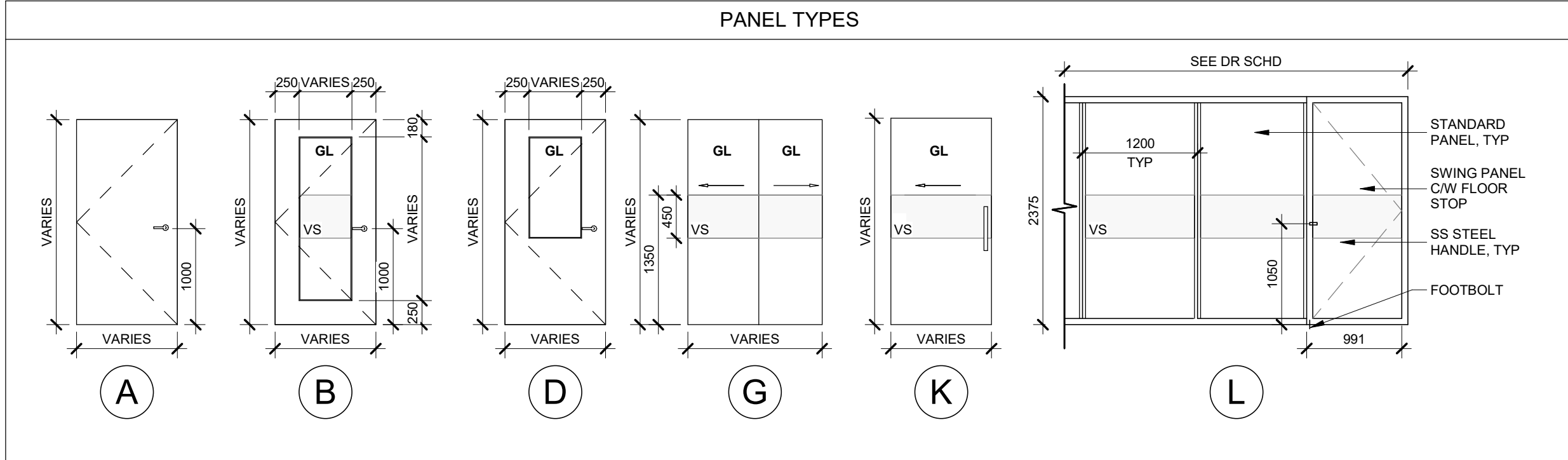
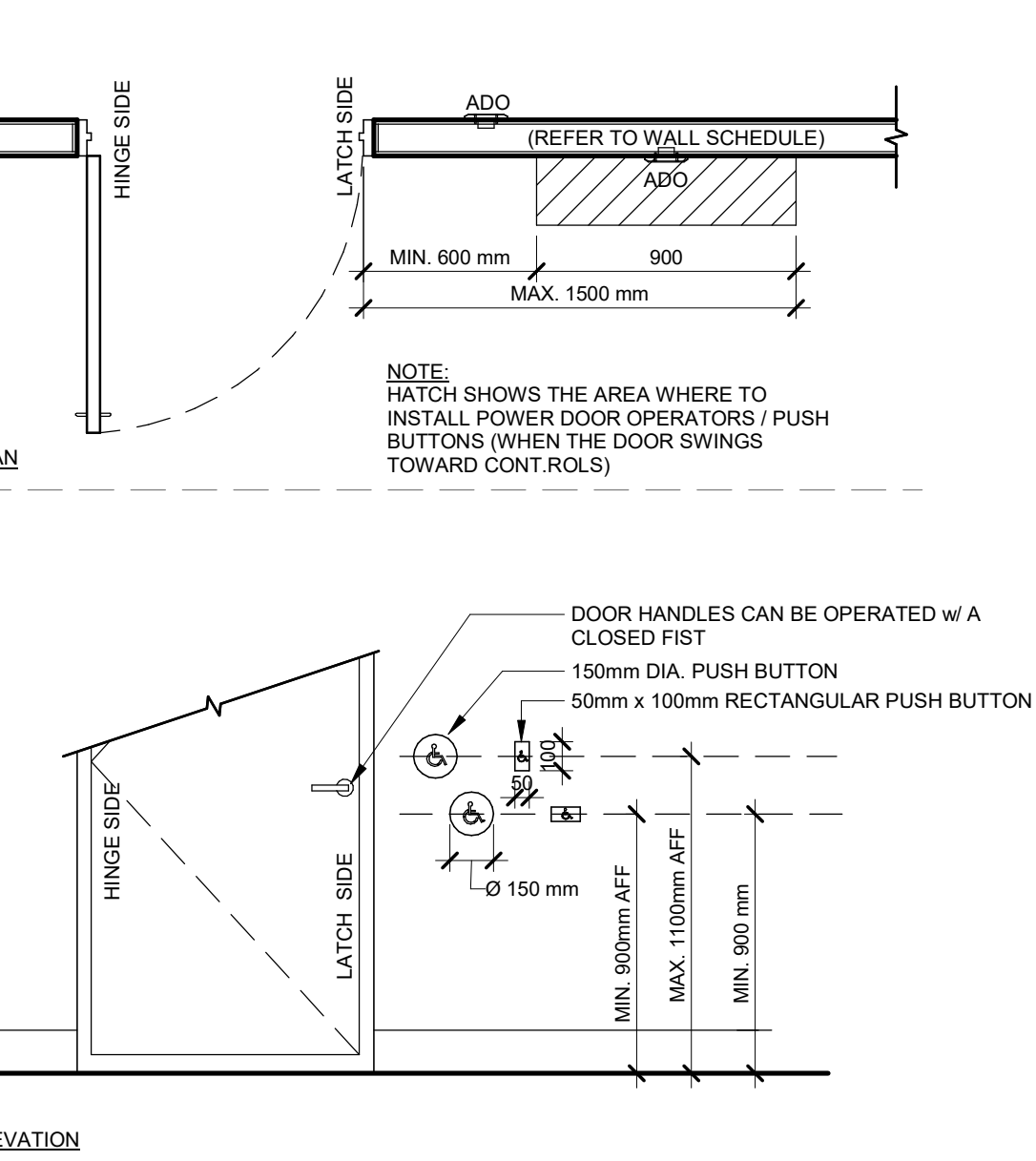
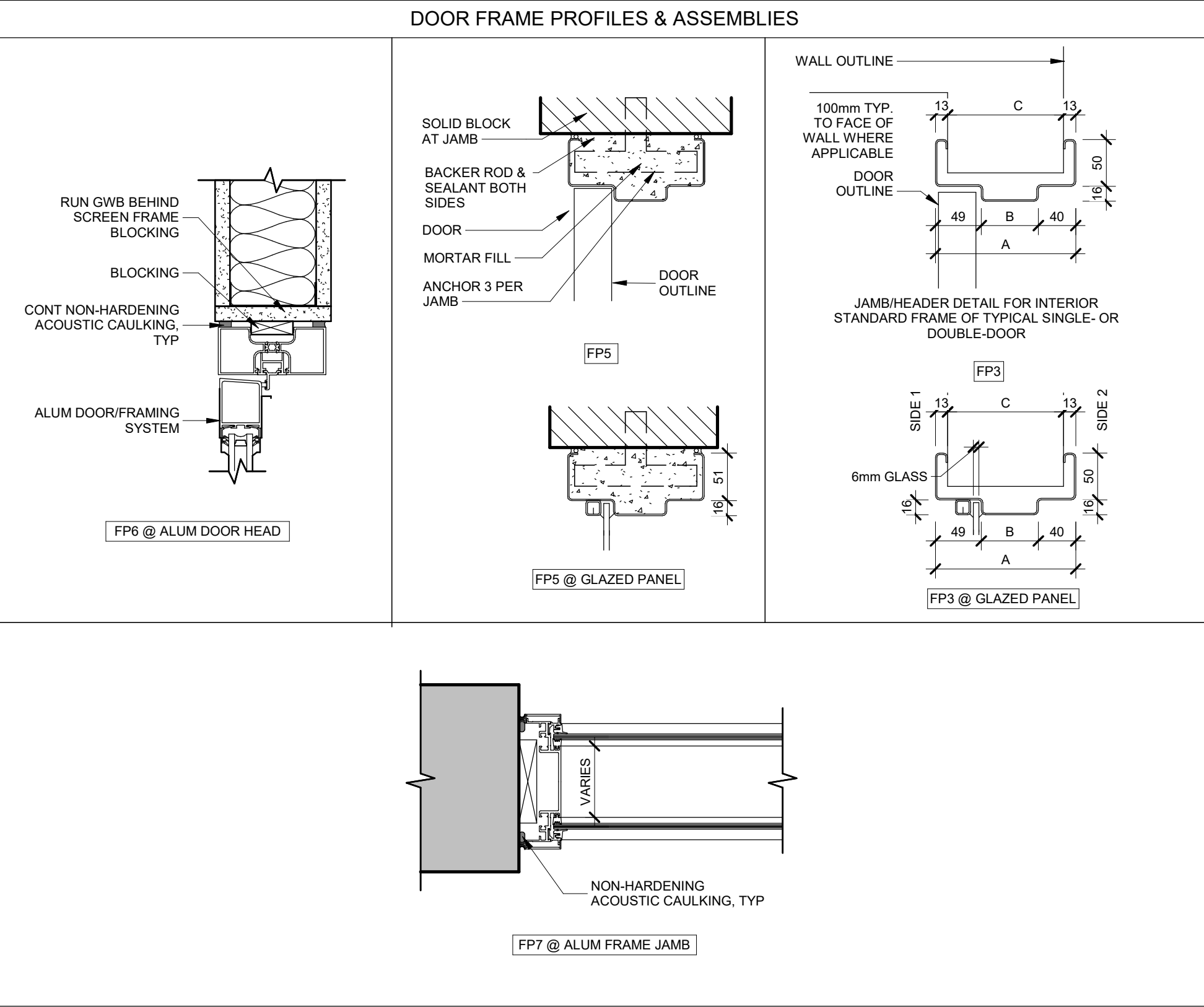
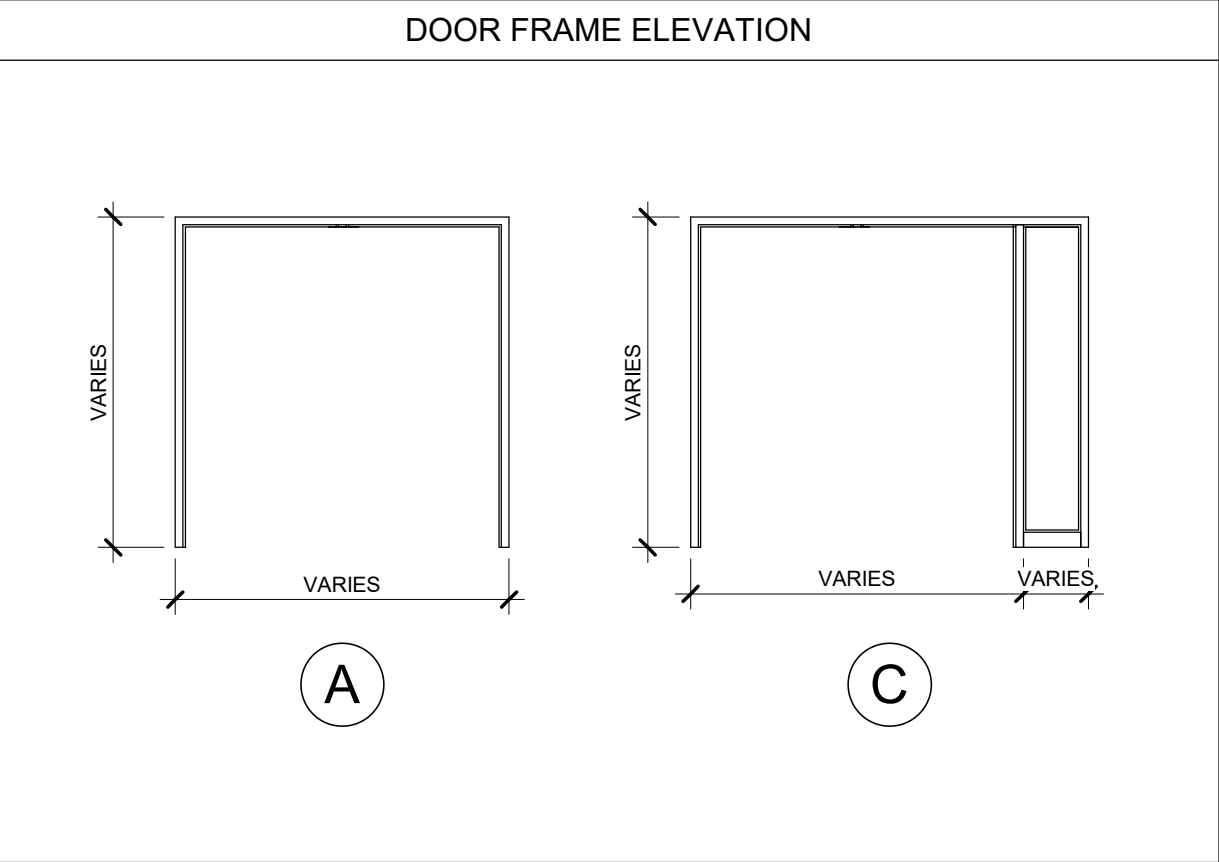
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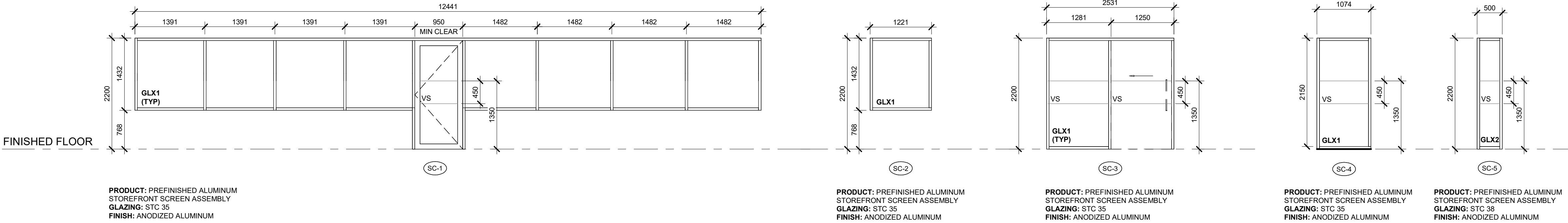
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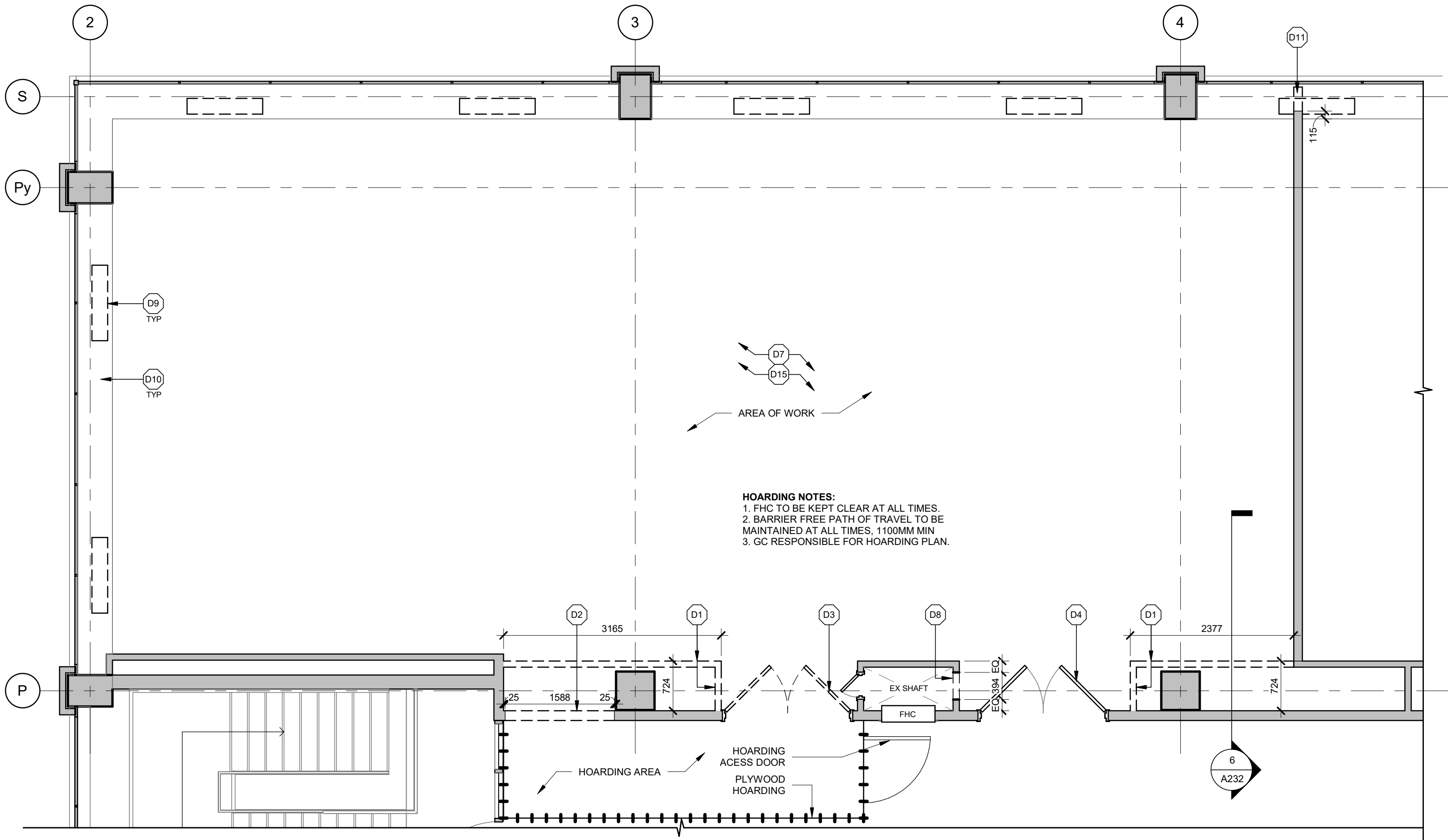
PRELIMINARY - NOT FOR CONSTRUCTION

| 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 |

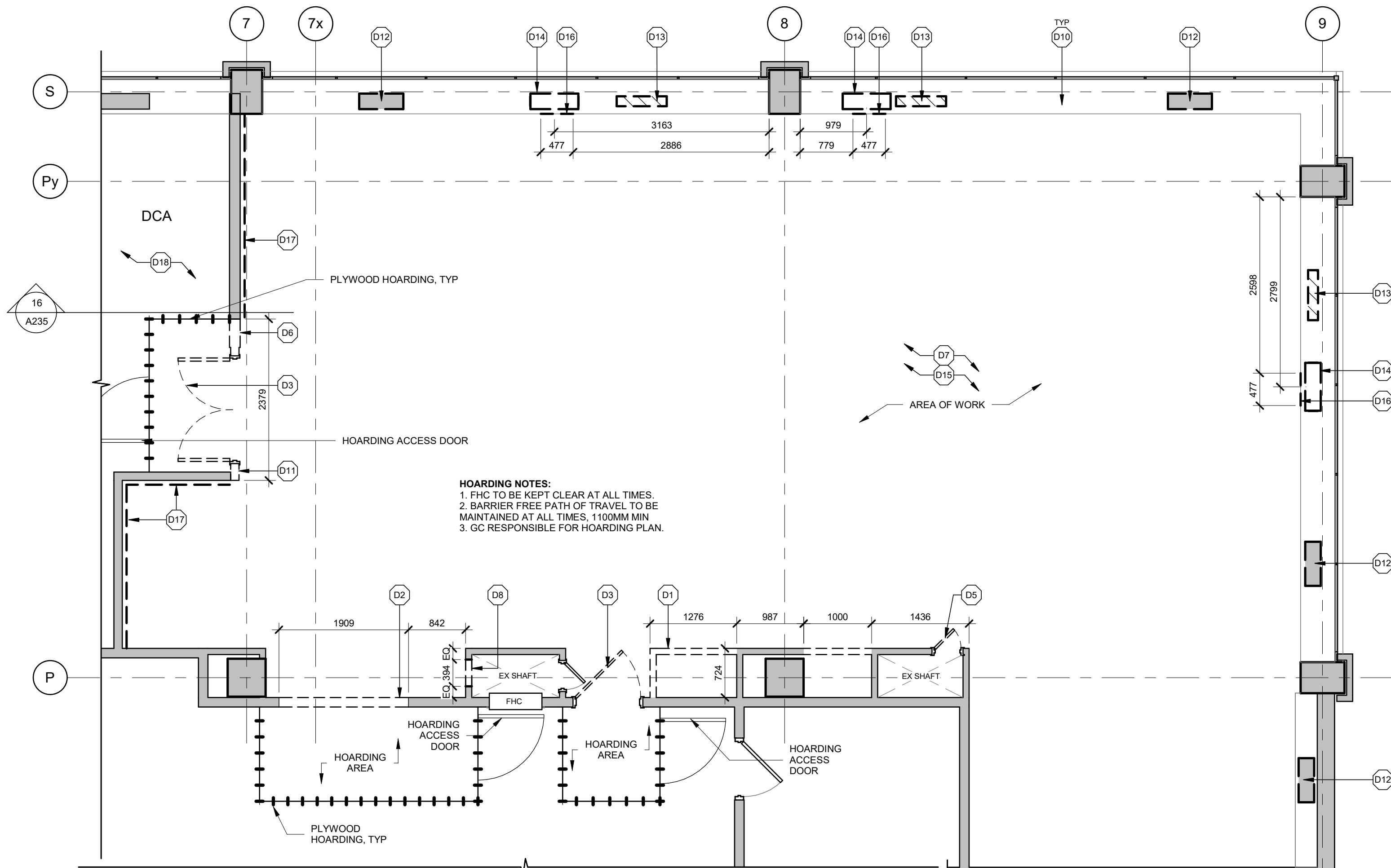


SCREEN ELEVATIONS





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

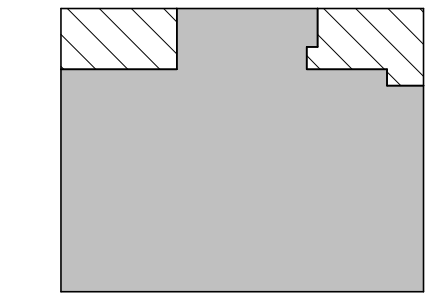
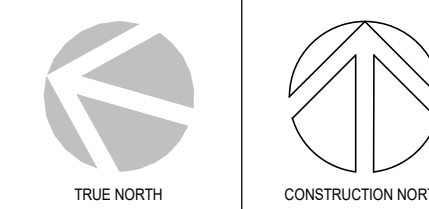
- DISPOSE OF REMOVED ITEMS IN A LAWFUL MANNER IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE MUNICIPALITY HAVING JURISDICTION.
- ALL EXISTING WALLS AND ITEMS TO BE REMOVED DASHED.
- ALL EXISTING WALLS TO REMAIN ARE SHOWN SHADED.
- OWNER TO HAVE THE RIGHT TO FIRST REFUSAL OF ALL ITEMS REMOVED. ITEMS 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

| REV | DESCRIPTION | DATE |
|-----|--------------------|------------|
| 1 | ISSUED FOR 100% CD | 2025 11 27 |
| 2 | ISSUED FOR 100% CD | 2025 11 21 |
| 3 | ISSUED FOR 100% CD | 2025 10 17 |
| 4 | ISSUED FOR 100% CD | 2025 10 03 |
| 5 | ISSUED FOR 100% CD | 2025 09 19 |
| 6 | ISSUED FOR 100% CD | 2025 07 11 |

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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:

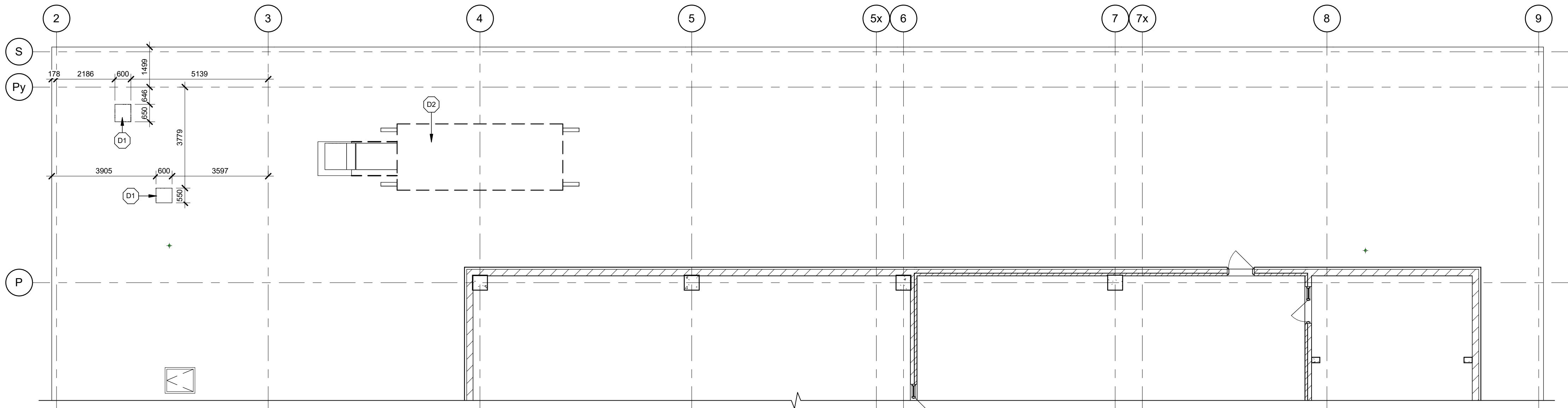
DEMOLITION FLOOR PLANS

SHEET SIZE: ARCH D (810x914)

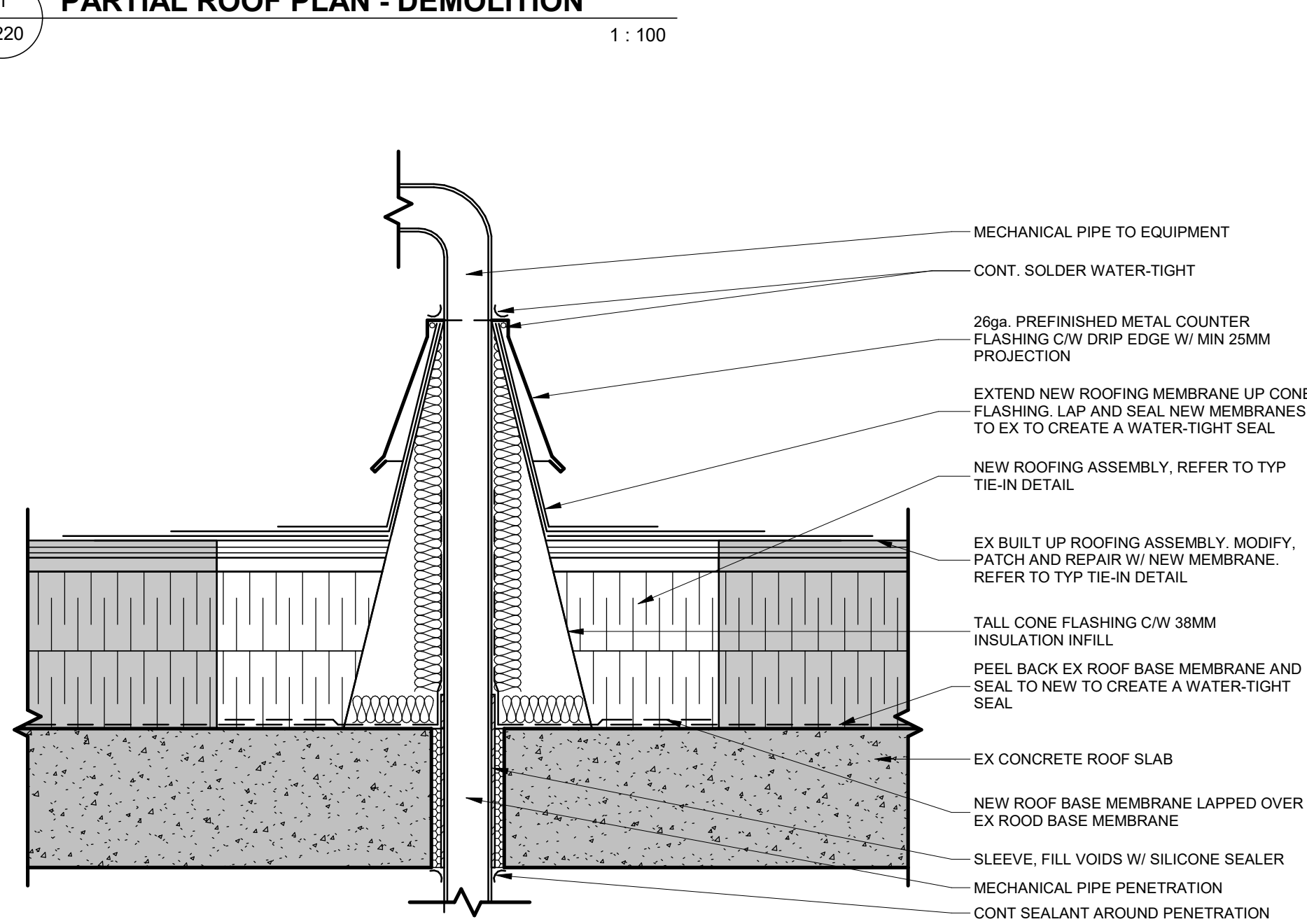
SCALE: As indicated

PROJECT NO: **24119**

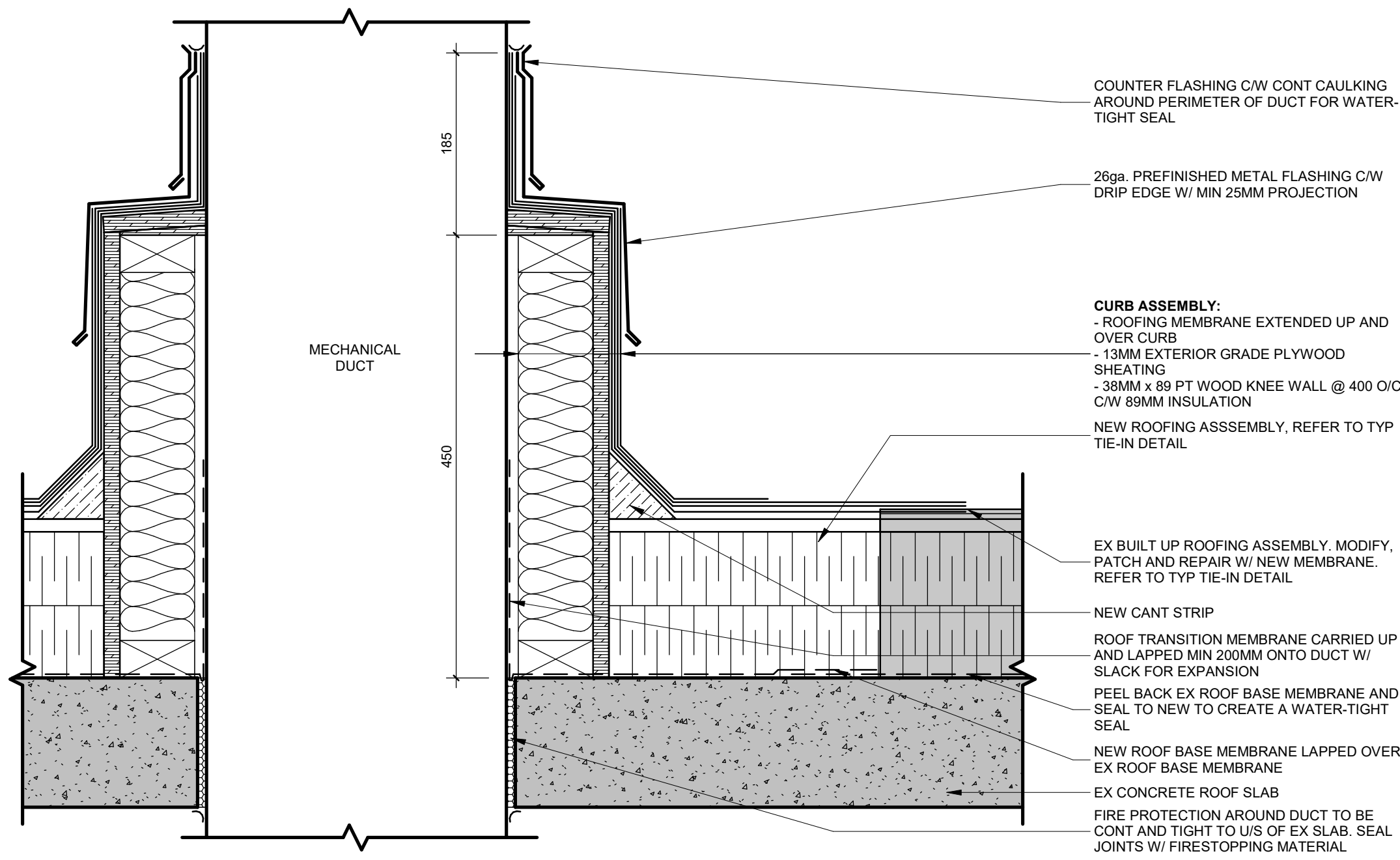
DRAWING NO: **A210**



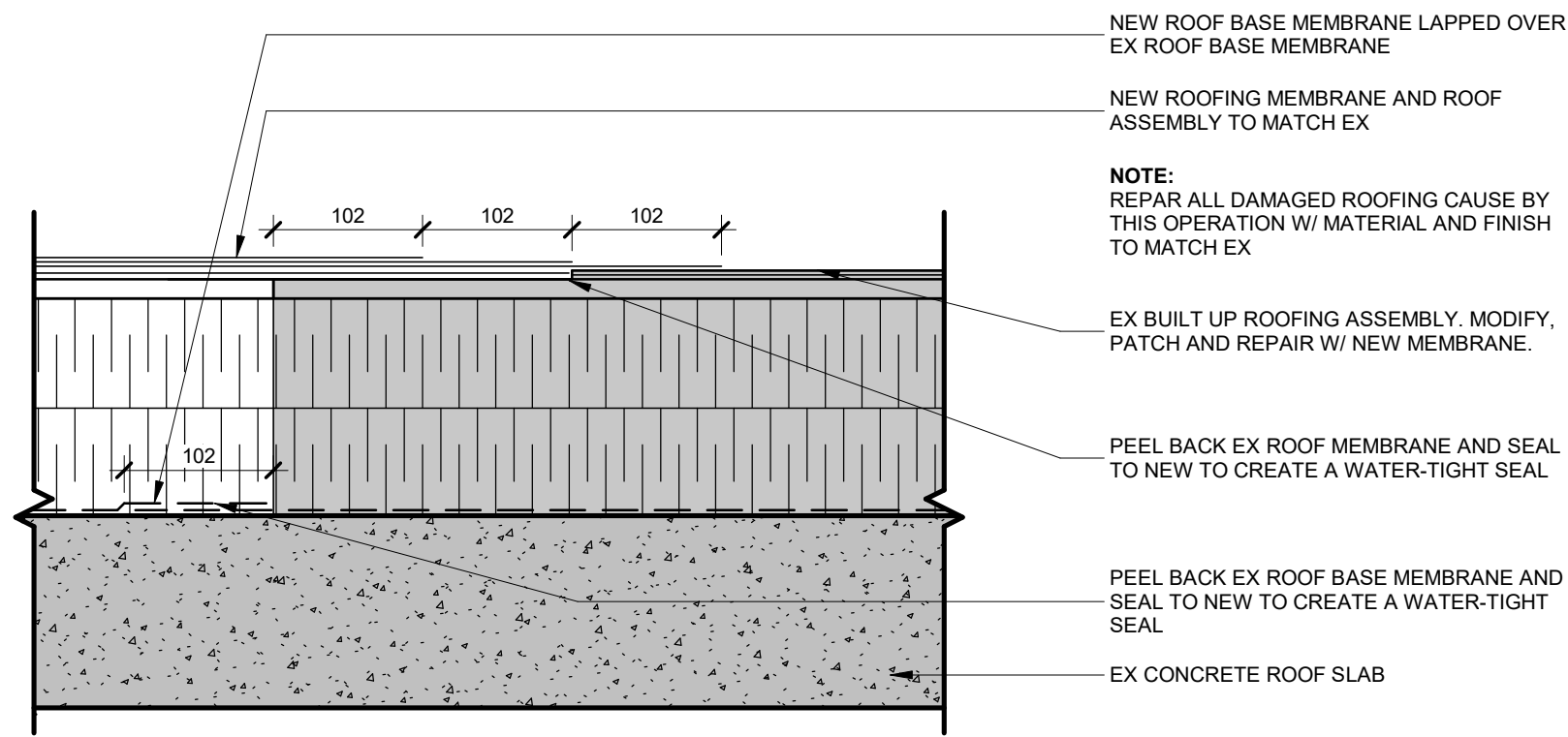
1
A220
PARTIAL ROOF PLAN - DEMOLITION
1 : 100



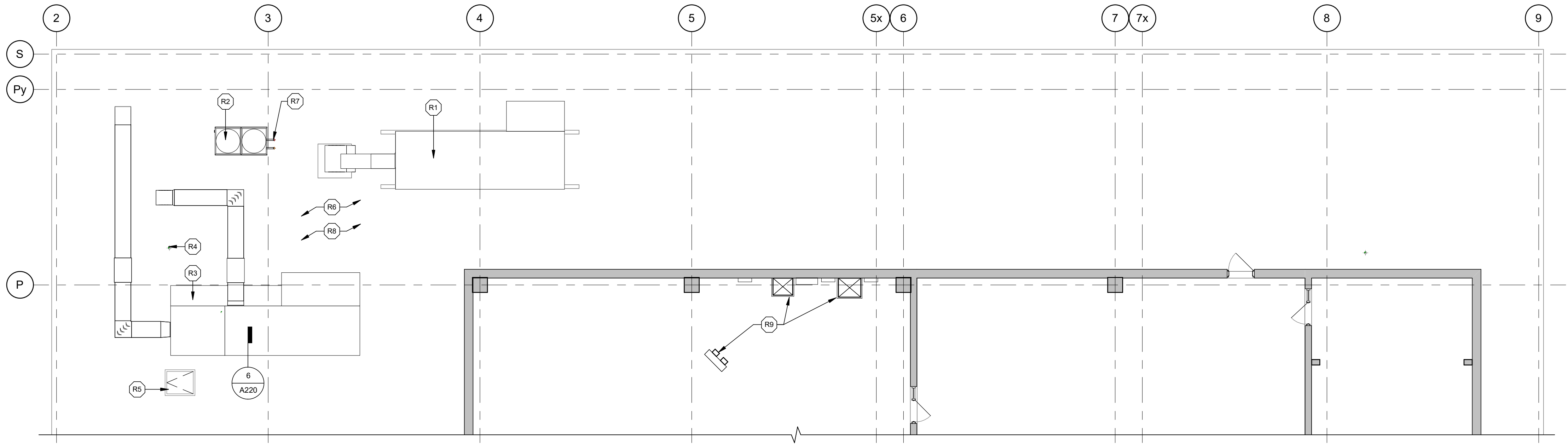
3
A220
MECH PIPE PENETRATION DETAIL
1 : 5



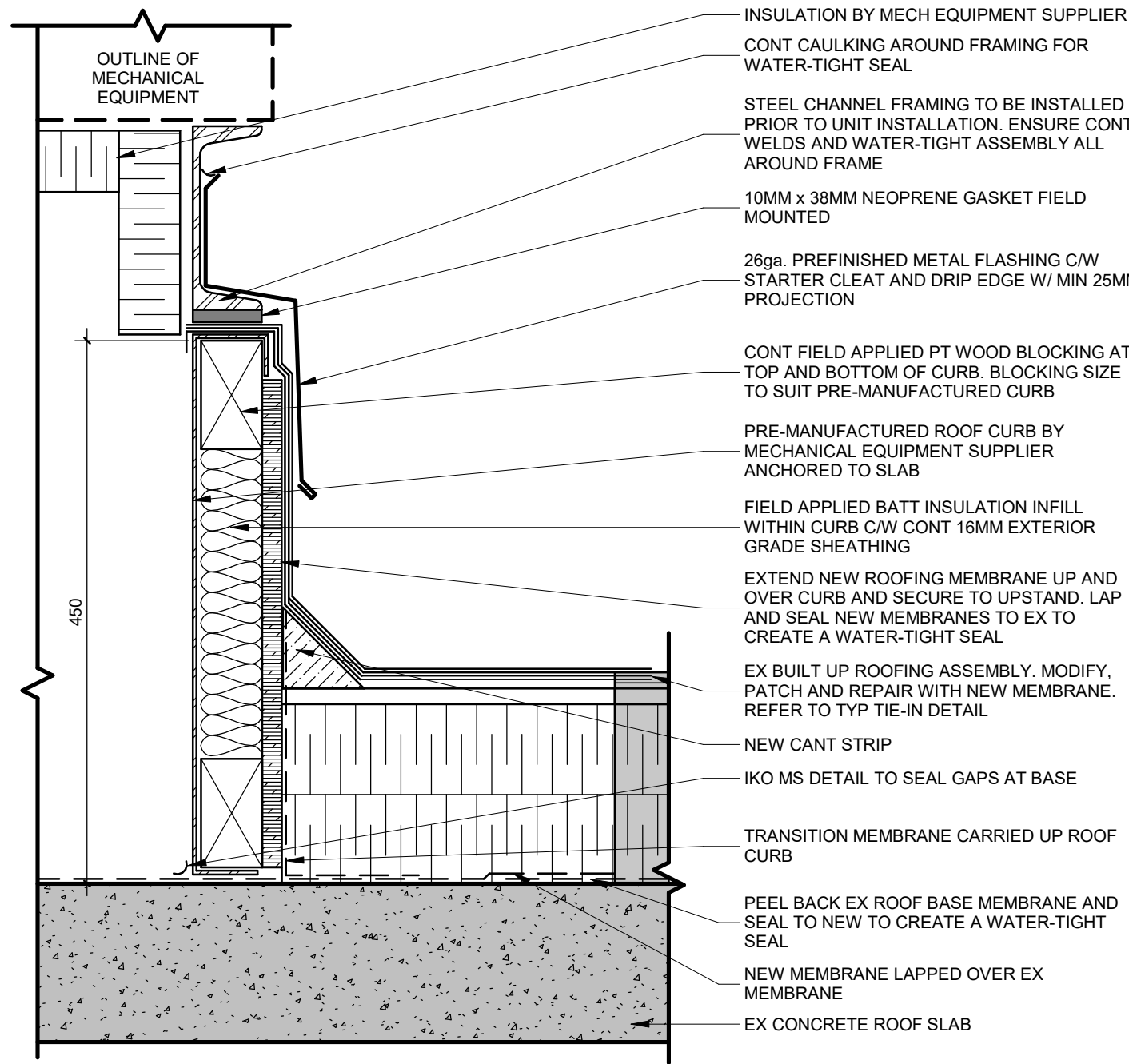
4
A220
MECH DUCT PENETRATION DETAIL
1 : 5



5
A220
ROOF TIE-IN TYP DETAIL
1 : 5



2
A220
PARTIAL ROOF PLAN - RENOVATION
1 : 100

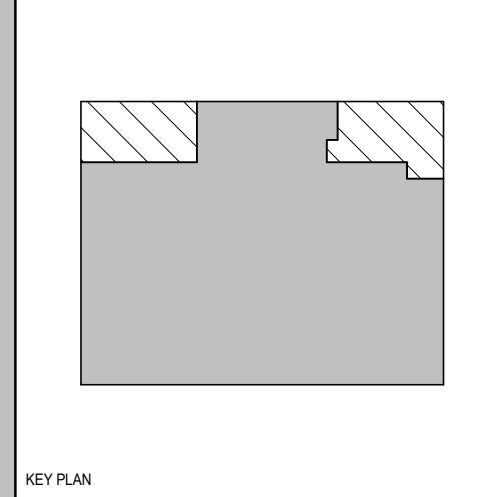


6
A220
MECH ROOF CURB DETAIL
1 : 5

- 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 |



| REV | DESCRIPTION | DATE |
|-----|--------------------|------------|
| 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 |

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

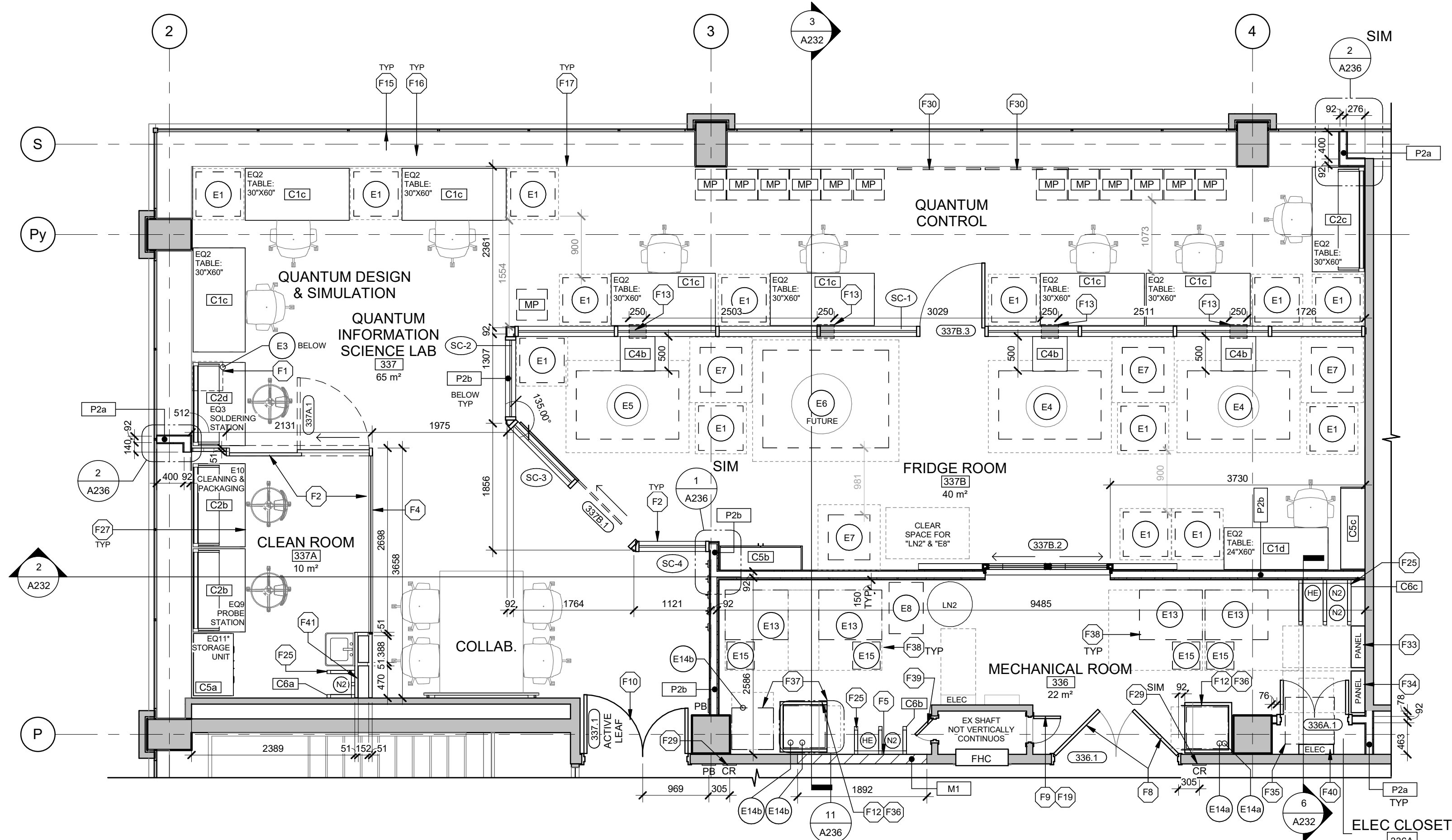
255 HURON STREET, TORONTO, ONTARIO M5S 3J1

DRAWING TITLE:
PARTIAL ROOF PLANS

SHEET SIZE: ARCH D (810x614) SCALE: As indicated

PROJECT NO: **24119**

DRAWING NO: **A220**



| EQ NO. | ROOM NO. | QUANTITY | DESCRIPTION | SUPPLIED | INSTALLED | COMMENTS |
|--------|----------|----------|--------------------------------------|----------|-----------|---|
| E1 | 337 | 1 | EQ8 - LEAK CHECKER ON A CART | OWNER | GC | 750MM W x 600MM D x 1000MM H |
| E1 | 337 | 8 | EQ1 - MICROWAVE ELECTRICAL RACK | OWNER | GC | 650MM W x 650MM D x 1800MM H |
| E1 | 337B | 6 | EQ1 - MICROWAVE ELECTRICAL RACK | OWNER | GC | 650MM W x 650MM D x 1800MM H |
| E3 | 337B | 1 | EQ3 - SOLDERING FUME EXTRACTION | OWNER | GC | 350MM W x 343MM D x 366MM H |
| E4 | 337B | 2 | EQ4 - DILUTION FRIDGE CRYOSTAT | OWNER | GC | 1500MM W x 1000MM D x 2000MM H |
| E5 | 337B | 1 | EQ5 - TALL DILUTION FRIDGE CRYOSTAT | OWNER | GC | 1500MM W x 1000MM D x 3280MM H |
| E6 | 337B | 1 | EQ6 - LARGE DILUTION FRIDGE CRYOSTAT | OWNER | GC | 1840MM W x 1430MM D x 2680MM H (FUTURE EQUIPMENT) |
| E7 | 337B | 4 | EQ7 - DR CONTROL UNIT | OWNER | GC | 610MM W x 650MM D x 1730MM H |
| E13 | 336 | 4 | EQ13 - DR GAS HANDLING SYSTEM (GHS) | OWNER | GC | 921MM W x 726MM D x 2150MM H |
| E14a | 336 | 2 | EQ14a - DR HELIUM COMPRESSOR #P7415 | OWNER | GC | 610MM W x 610MM D x 950MM H C/W CASTERS |
| E14b | 336 | 3 | EQ14b - DR HELIUM COMPRESSOR #P7420 | OWNER | GC | 610MM W x 610MM D x 950MM H C/W CASTERS |
| E15 | 336 | 4 | EQ15 - DR COLD TRAP (CT) | OWNER | GC | 400MM W x 400MM D x 800MM H |

| MARK | EQUIP NO. | ROOM NO. | QUANTITY | DESCRIPTION | MANUFACTURER | SUPPLIED | INSTALLED |
|------|-----------|----------|----------|--|--------------|----------|-----------|
| C1c | EQ2 | 337 | 1 | ALTUS TABLE FOUR LEG TABLE; 60"W x 30"D x 30"H (1524mm x 762mm x 762mm); NO SHELVES; WORK SURFACE (SS2) W/ GROMMET HOLE (GC TO PROVIDE GROMMET COVERS TO MATCH COUNTERTOP) | MOTT MANUF. | GC | GC |
| C1c | EQ2 | 337 | 1 | ALTUS TABLE FOUR LEG TABLE; 60"W x 30"D x 30"H (1524mm x 762mm x 762mm); NO SHELVES; WORK SURFACE (SS2) W/ GROMMET HOLE (GC TO PROVIDE GROMMET COVERS TO MATCH COUNTERTOP) | MOTT MANUF. | GC | GC |
| C1c | EQ2 | 337 | 1 | ALTUS TABLE FOUR LEG TABLE; 60"W x 30"D x 30"H (1524mm x 762mm x 762mm); NO SHELVES; WORK SURFACE (SS2) W/ GROMMET HOLE (GC TO PROVIDE GROMMET COVERS TO MATCH COUNTERTOP) | MOTT MANUF. | GC | GC |
| C1c | EQ2 | 337 | 1 | ALTUS TABLE FOUR LEG TABLE; 60"W x 30"D x 30"H (1524mm x 762mm x 762mm); NO SHELVES; WORK SURFACE (SS2) W/ GROMMET HOLE (GC TO PROVIDE GROMMET COVERS TO MATCH COUNTERTOP) | MOTT MANUF. | GC | GC |
| C1c | EQ2 | 337 | 1 | ALTUS TABLE FOUR LEG TABLE; 60"W x 30"D x 30"H (1524mm x 762mm x 762mm); NO SHELVES; WORK SURFACE (SS2) W/ GROMMET HOLE (GC TO PROVIDE GROMMET COVERS TO MATCH COUNTERTOP) | MOTT MANUF. | GC | GC |
| C1c | EQ2 | 337 | 1 | ALTUS TABLE FOUR LEG TABLE; 60"W x 30"D x 30"H (1524mm x 762mm x 762mm); NO SHELVES; WORK SURFACE (SS2) W/ GROMMET HOLE (GC TO PROVIDE GROMMET COVERS TO MATCH COUNTERTOP) | MOTT MANUF. | GC | GC |
| C1c | EQ2 | 337 | 1 | ALTUS TABLE FOUR LEG TABLE; 60"W x 30"D x 30"H (1524mm x 762mm x 762mm); NO SHELVES; WORK SURFACE (SS2) W/ GROMMET HOLE (GC TO PROVIDE GROMMET COVERS TO MATCH COUNTERTOP) | MOTT MANUF. | GC | GC |
| C1c | EQ2 | 337 | 1 | ALTUS TABLE FOUR LEG TABLE; 60"W x 30"D x 30"H (1524mm x 762mm x 762mm); NO SHELVES; WORK SURFACE (SS2) W/ GROMMET HOLE (GC TO PROVIDE GROMMET COVERS TO MATCH COUNTERTOP) | MOTT MANUF. | GC | GC |

| KEY | DESCRIPTION |
|-----|--|
| F1 | OWNER SUPPLIED FLOOR MOUNTED SOLDERING FUME EXTRACTION W/ DESK MOUNTED HOSE BRACKET |
| F2 | INTERIOR GLAZING SYSTEM W/ PRE-FINISHED ALUMINUM FRAMES (STC 35); MIN 25MM THICK DOUBLE-GLAZED CONSTRUCTION (6MM GLASS, 12MM AIR GAP, 6MM GLASS) |
| F4 | WRITABLE FILM ON GLAZING |
| F5 | INFILL WALL OPENING W/ CMU CONSTRUCTION TO MATCH EX (1 HR FRR) |
| F8 | NEW DOOR PANELS WITHIN EX DOOR FRAME. REFER TO DOOR SCHEDULE |
| F9 | NEW 45 MIN FRR ACCESS PANEL IN EX SHAFT WALL |
| F10 | NEW DOOR OPENING IN EX CMU WALL C/W STEEL LINTEL ABOVE |
| F12 | STACKED METAL FRAME FOR COMPRESSORS ON CASTERS |
| F13 | FEED THROUGH OPENING IN PARTITION WALL ABOVE (250MM W x 100MM H). REFER TO ELEVATIONS. |
| F15 | RESEAL ALL EX PERIMETER WINDOWS. REFER TO DETAIL. |
| F16 | NEW WINDOW SILL. REFER TO DETAIL. |
| F17 | INFILL EX WALL OPENING W/ CMU CONSTRUCTION TO MATCH ADJACENT CONSTRUCTION AT LOCATION OF REMOVED HYDRONIC UNIT. REFER TO DEMOLITION PLAN FOR LOCATION. |
| F19 | NEW OPENING FOR ACCESS PANEL IN EX CMU WALL C/W STEEL LINTEL ABOVE. |
| F25 | CYLINDER STORAGE RACKS TO BE SECURED TO BOTH WALLS AND FLOORS W/ 13MM STEEL ANCHOR BOLTS. |
| F27 | ALL CASEWORK IN CLEANROOM TO HAVE LEVELING FEET W/ ANTI-VIBRATION LEVELERS W/ NEOPRENE BASES |
| F29 | NEW CARD READER MOUNTED BESIDE AUTOMATIC DOOR PUSH BUTTON. |
| F30 | GC TO SUPPLY SHEETBOARD W/ BTM SHELF. SIZE: 36"H x 48"L. GC TO CONSULT ID PRIOR TO INSTALLATION FOR HEIGHTS |
| F33 | LAB CHILLER CONTROL PANEL MOUNTED 1200MM AFF AS PER MECHANICAL DRAWINGS. ENSURE 1000MM CLEARANCE IN FRONT OF PANEL |
| F34 | BAS CONTROL PANEL MOUNTED 1200MM AFF AS PER MECHANICAL DRAWINGS. ENSURE 1000MM CLEARANCE IN FRONT OF PANEL |
| F35 | ELECTRICAL TRANSFORMER SUSPENDED FROM UIS OF STRUCTURE ABOVE. REFER TO RCP |
| F36 | 6MM NEOPRENE PAD ON FLOOR TO ACCOMMODATE FRAME FOR STACKED COMPRESSOR (757MM x 686MM) |
| F37 | 6MM NEOPRENE PAD ON FLOOR TO ACCOMMODATE STANDALONE COMPRESSOR (1400MM x 800MM) |
| F38 | 6MM NEOPRENE PAD ON FLOOR TO ACCOMMODATE GHS UNIT (821MM x 726MM) |
| 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 COMMENTS IF EX ACCESS DOOR COMPLIES W/ ASSUMED FRR AND REPLACE IF FOUND NON-COMPLIANT |
| F40 | CONFIRM MOUNTING HT OF ELECTRICAL PANEL W/ ELECTRICAL PANEL |
| F41 | RETURN CHASE C/W LOW LYING RETURN LOUVER (152MM H x 305MM W) AS LOW AS POSSIBLE. SEAL W/ NON-HARDENING ACOUSTIC CAULKING. |

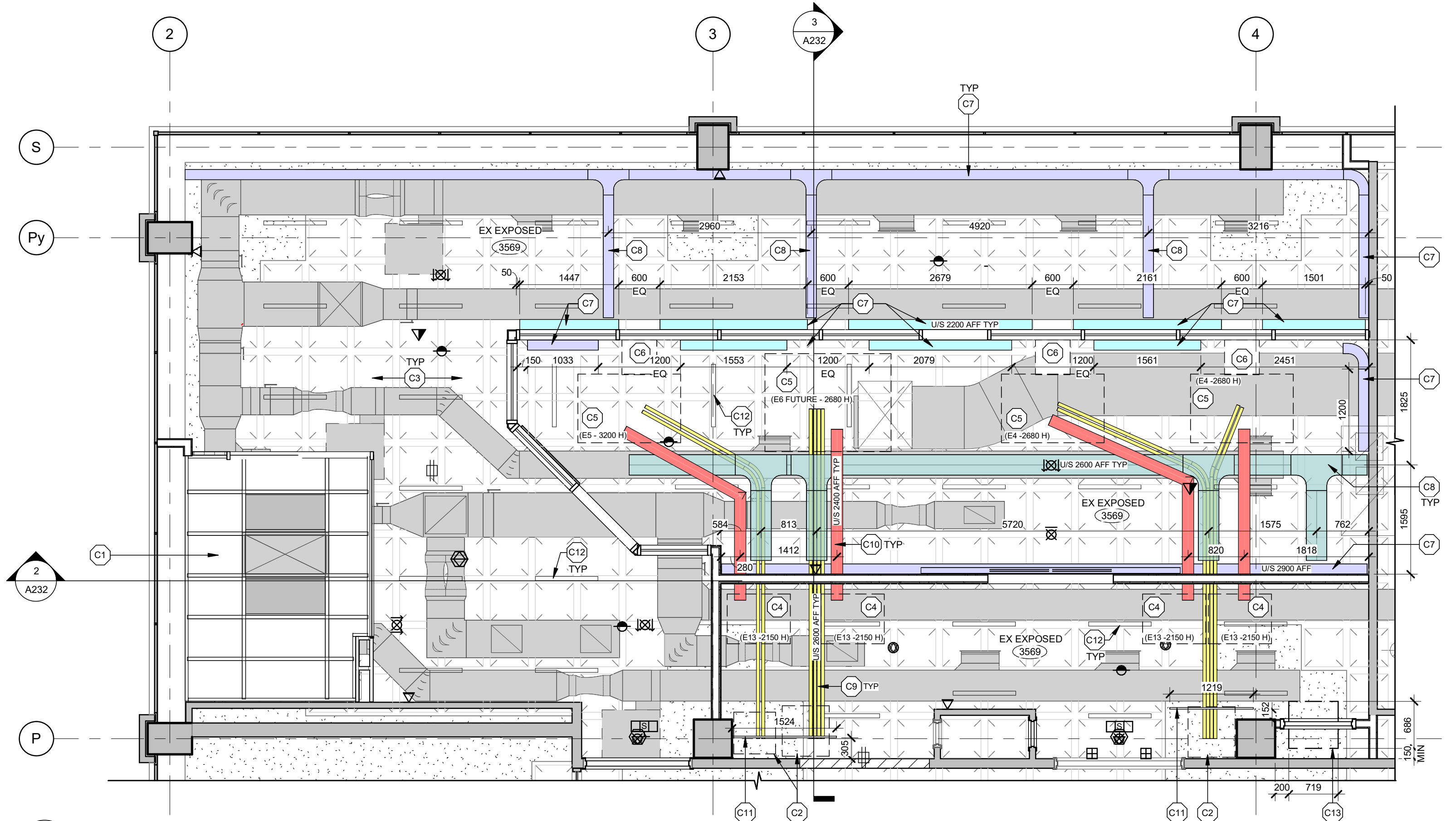
| | |
|--|--|
| | SUSPENDED ACT CEILING |
| | GWB ON STEEL FRAMING |
| | BULKHEAD |
| | LAY IN LIGHTING FIXTURE, REFER TO ELECTRICAL DRAWINGS |
| | SUSPENDED LIGHTING FIXTURE, REFER TO ELECTRICAL DRAWINGS |
| | SUPPLY AIR DIFFUSER, REFER TO MECHANICAL DRAWINGS |
| | 150mm WIDE CABLE BASKET TRAY - UIS @ 2600 AFF W/ CEILING OR WALL SUPPORT |
| | 150mm WIDE CABLE LADDER TRAY - UIS @ 2200 AFF W/ CEILING OR WALL SUPPORT |
| | 300mm WIDE CABLE LADDER TRAY - UIS @ 2600 AFF W/ CEILING SUPPORT |
| | SEMI-RIGID HELIUM PIPING - UIS @ 2600 AFF |
| | RIGID STILL PIPING - UIS @ 2400 AFF |

NOTE:
ALL EXPOSED ROOF/ CLG SURFACES TO BE PAINTED. REFER TO ROOM FINISH SCHEDULE

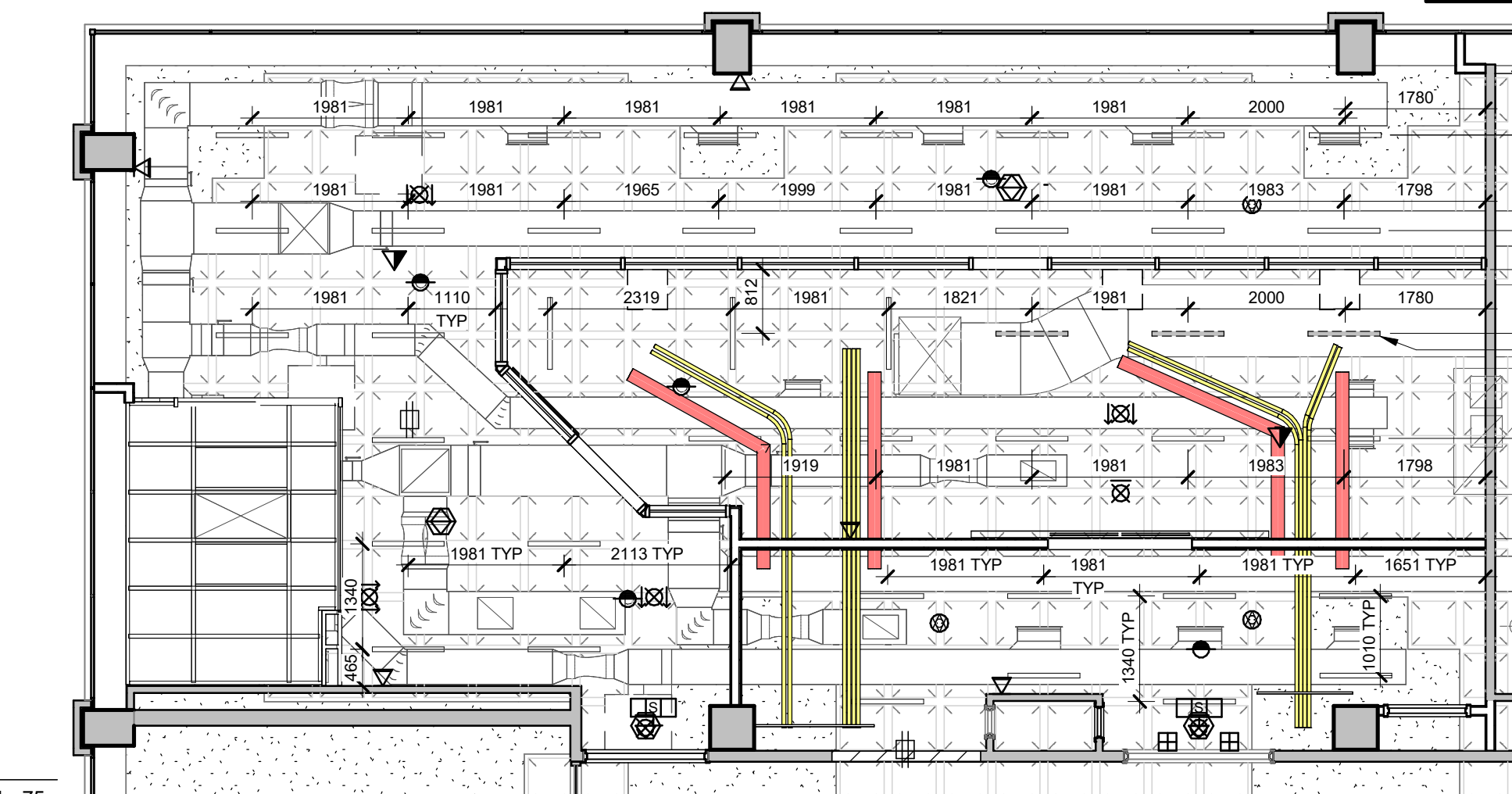
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| KEY | DESCRIPTION |
|-----|--|
| C1 | CEILING AND LIGHTING FIXTURES BY CLEAN ROOM SUPPLIER. ELECTRICAL TO COORDINATE WITH AWARDED VENDOR |
| C2 | DASHED LINES DENOTES COMPRESSOR BELOW. |
| C3 | SEAL AND FIRESTOP ALL EX CRACKS AND PENETRATIONS IN EX WAFFLE STRUCTURE. |
| C4 | DASHED LINES DENOTES GAS HANDLING SYSTEM BELOW. |
| C5 | DASHED LINES DENOTES FRIDGE BELOW. |
| C6 | DASHED LINES DENOTES HIGH SHELVING BELOW. |
| C7 | CABLE TRAY TO BE SECURED TO PARTITION WALL |
| C8 | CABLE TRAY TO BE SUPPORTED FROM STRUCTURE ABOVE C/W THREADED ROD SECURED TO UNISTRUTS. |
| C9 | SEMI-RIGID HELIUM PIPING TO RUN IN CABLE TRAYS AND TO BE HUNG IN AREAS NOT NEAR CABLE TRAY (SUPPORTED BY STRUCTURE ABOVE C/W HOOKS) |
| C10 | RIGID STILL PIPING TO BE SUPPORTED BY STRUCTURE ABOVE C/W HOOKS. |
| C11 | ROD HANGER SUPPORTED BY STRUCTURE ABOVE FOR COILING OF SEMI-RIGID HELIUM PIPING. CONFIRM HEIGHT W/ OWNER PRIOR TO INSTALLATION |
| C12 | LIGHT FIXTURE |
| C13 | ELECTRICAL TRANSFORMER SUSPENDED FROM UIS OF STRUCTURE ABOVE. REFER TO STRUCTURAL DRAWINGS FOR SUPPORT REQUIREMENTS. CONFIRM TRANSFORMER SIZE W/ ELECTRICAL DRAWINGS |

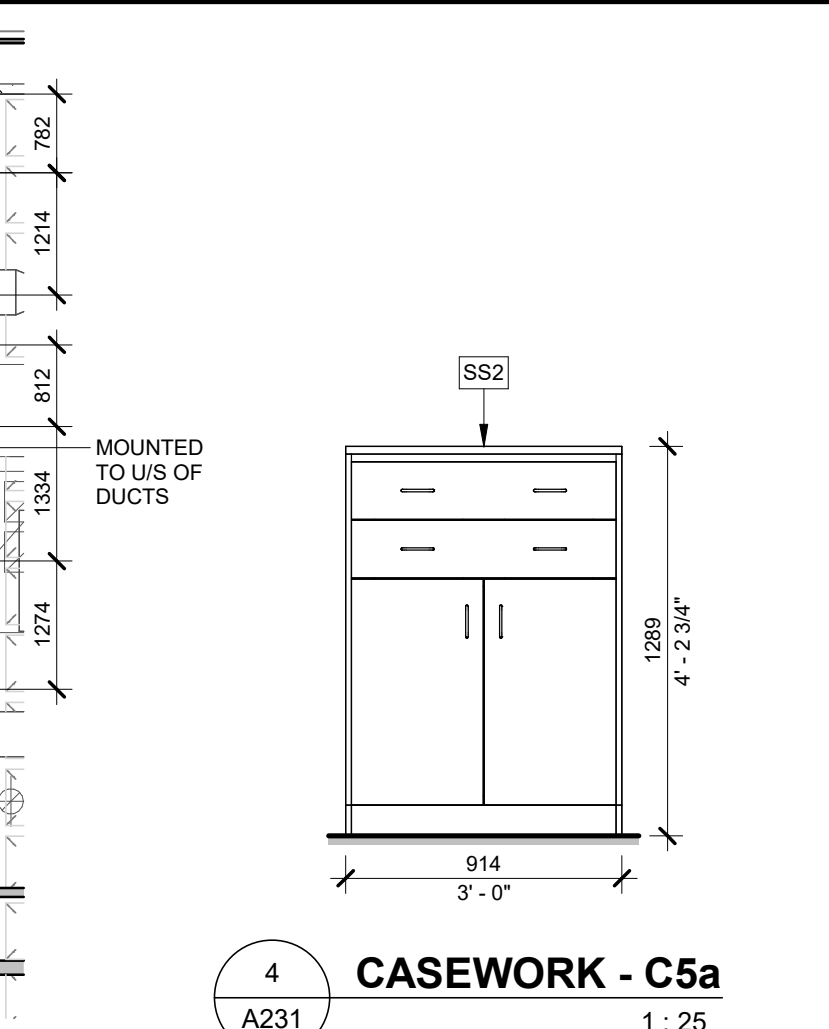
1 QIS LAB - RENOVATION
1: 50



2 QIS LAB - RCP
1: 50



3 QIS LAB - RCP LIGHTING DIMENSIONS
1: 75



4 CASEWORK - C5a
1: 25

UNIVERSITY OF TORONTO

PROJECT LOGO

TRUE NORTH

CONSTRUCTION NORTH

KEY PLAN

6 IFT 2025.11.27

4 ISSUED FOR RCP CD 2025.11.17

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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PROJECT:

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

255 HURON STREET, TORONTO, ONTARIO M5S 3J1

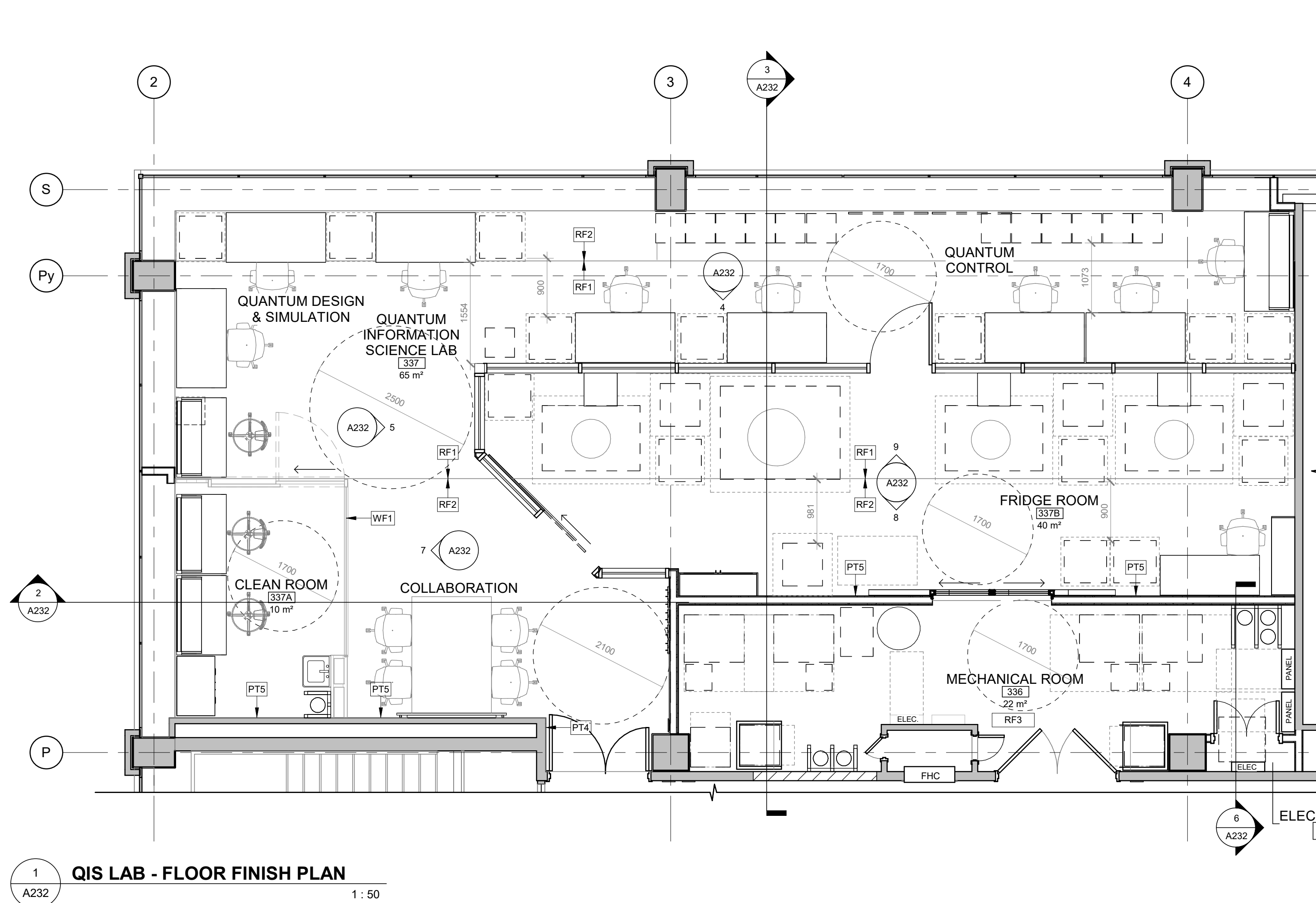
DRAWING TITLE:

QIS LAB - PLAN & RCP

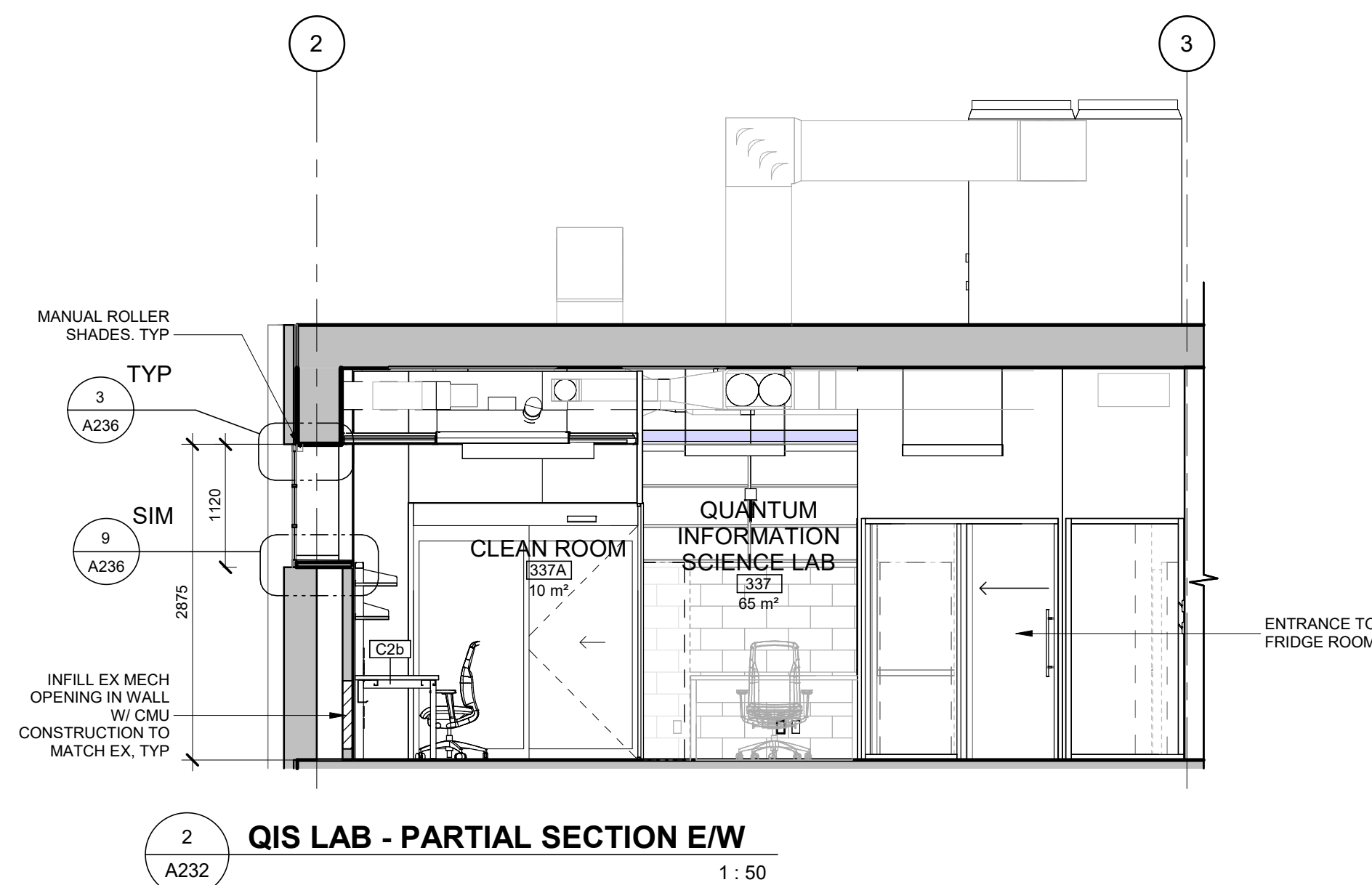
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PROJECT NO: 241119

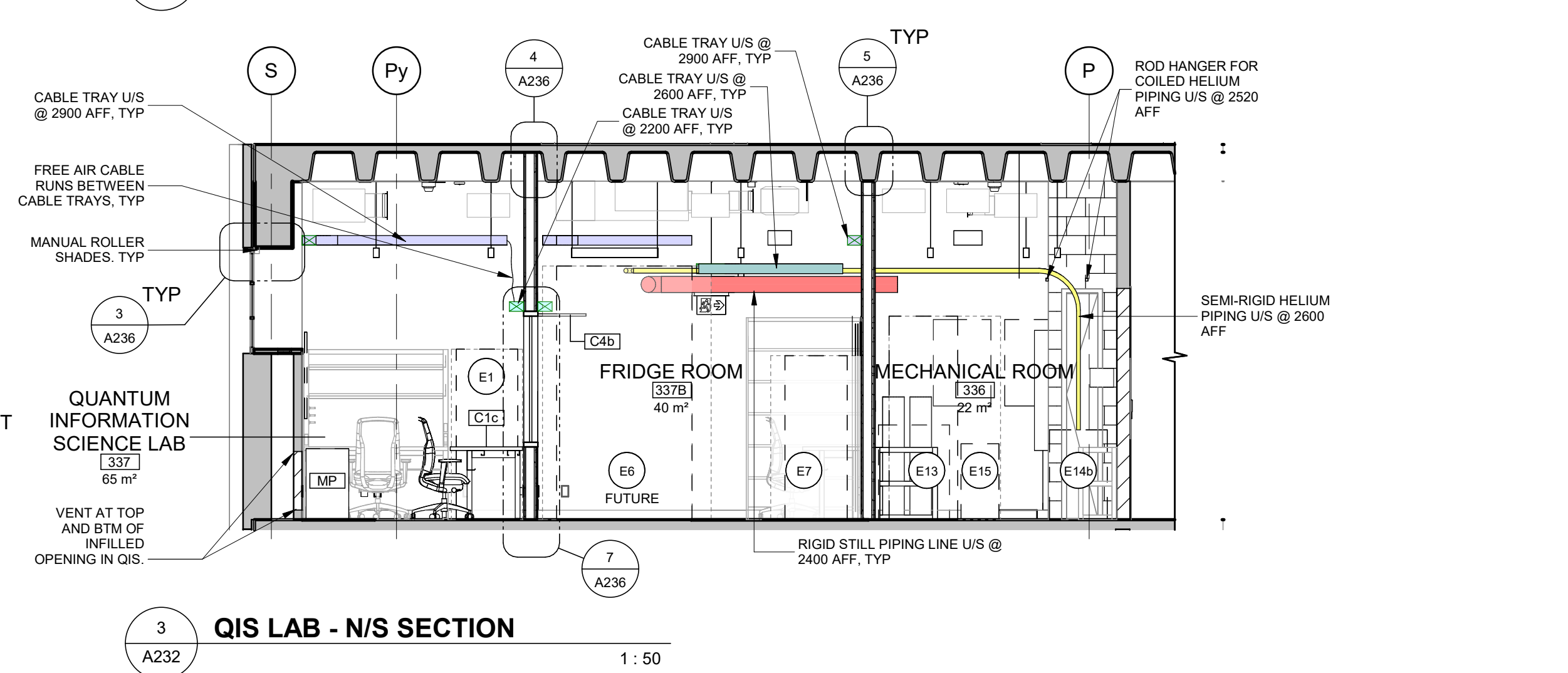
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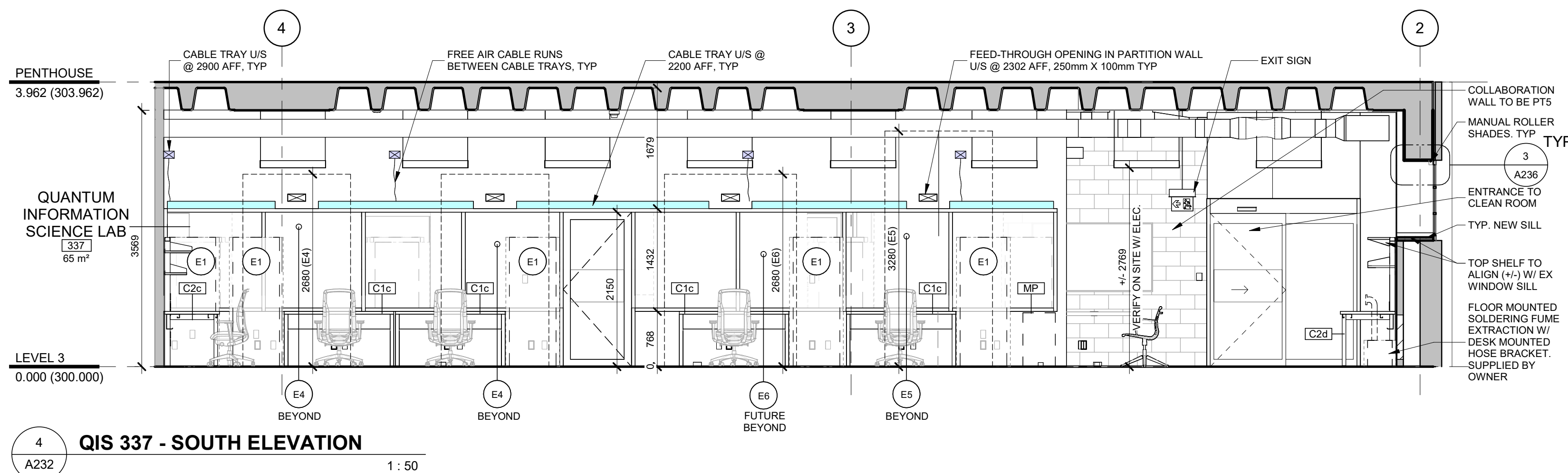
1 QIS LAB - FLOOR FINISH PLAN
A232 1:50



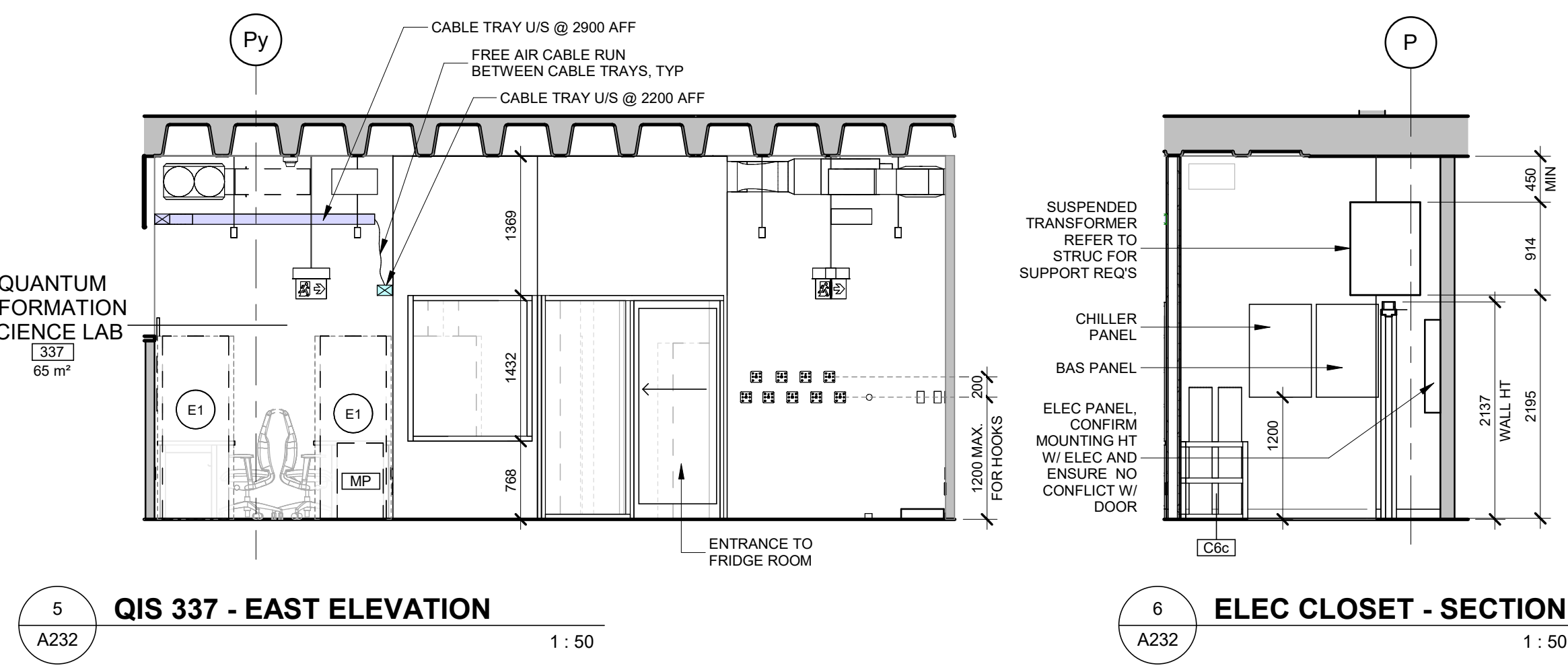
2 QIS LAB - PARTIAL SECTION E/W
A232 1:50



3 QIS LAB - N/S SECTION
A232 1:50

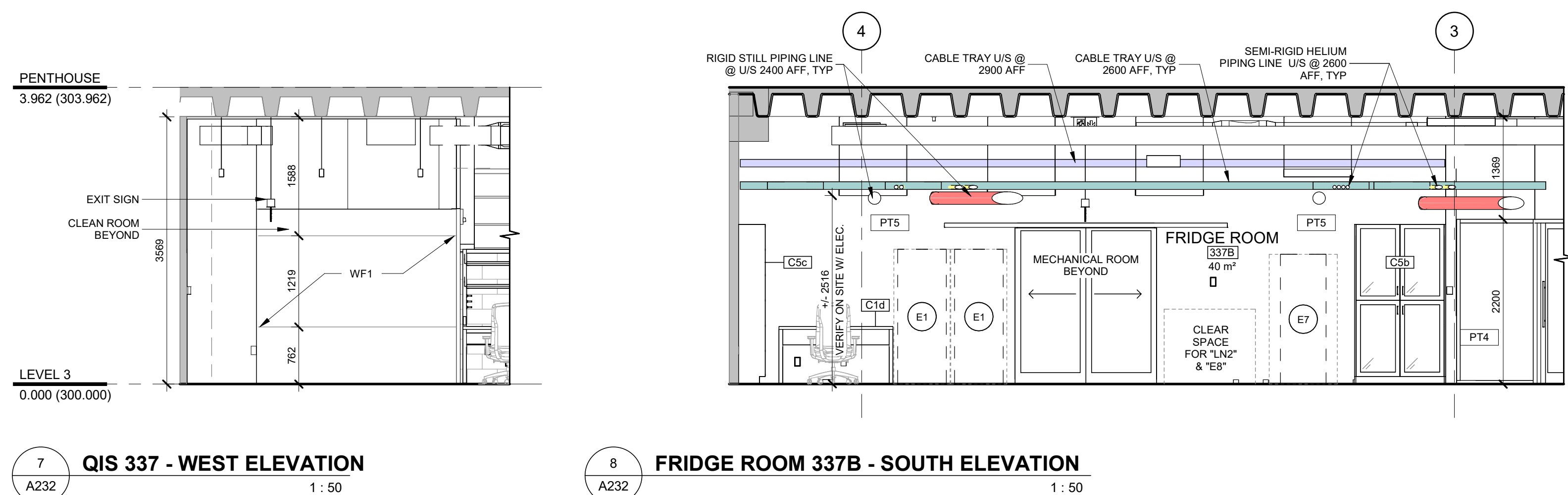


4 QIS 337 - SOUTH ELEVATION
A232 1:50



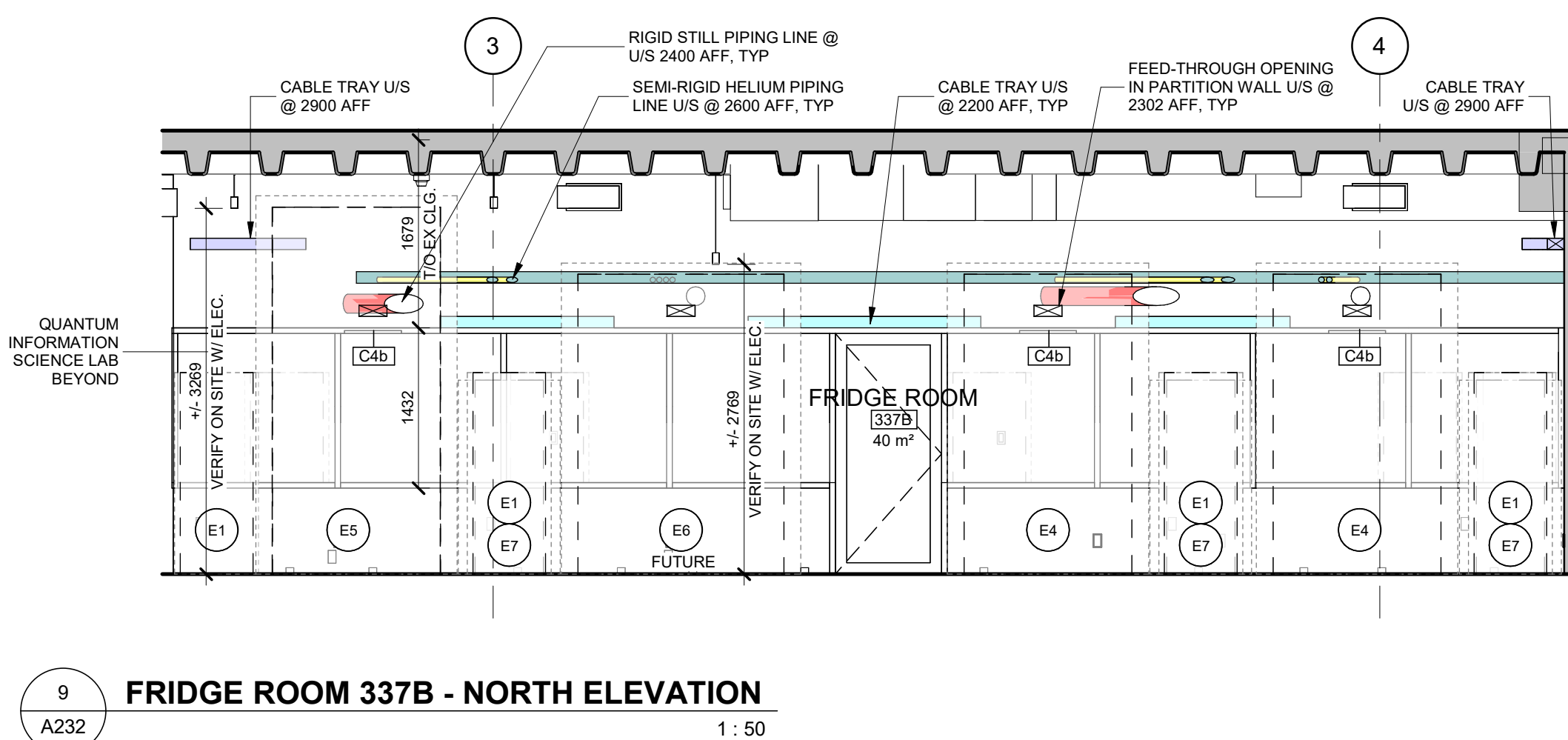
5 QIS 337 - EAST ELEVATION
A232 1:50

6 ELEC CLOSET - SECTION
A232 1:50



7 QIS 337 - WEST ELEVATION
A232 1:50

8 FRIDGE ROOM 337B - SOUTH ELEVATION
A232 1:50



9 FRIDGE ROOM 337B - NORTH ELEVATION
A232 1:50

UNIVERSITY OF TORONTO

PROJECT LOGO

KEY PLAN

REVISIONS

| No. | DESCRIPTION | DATE |
|-----|--------------------|------------|
| 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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PROJECT:

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

255 HURON STREET, TORONTO, ONTARIO M5S 3J1

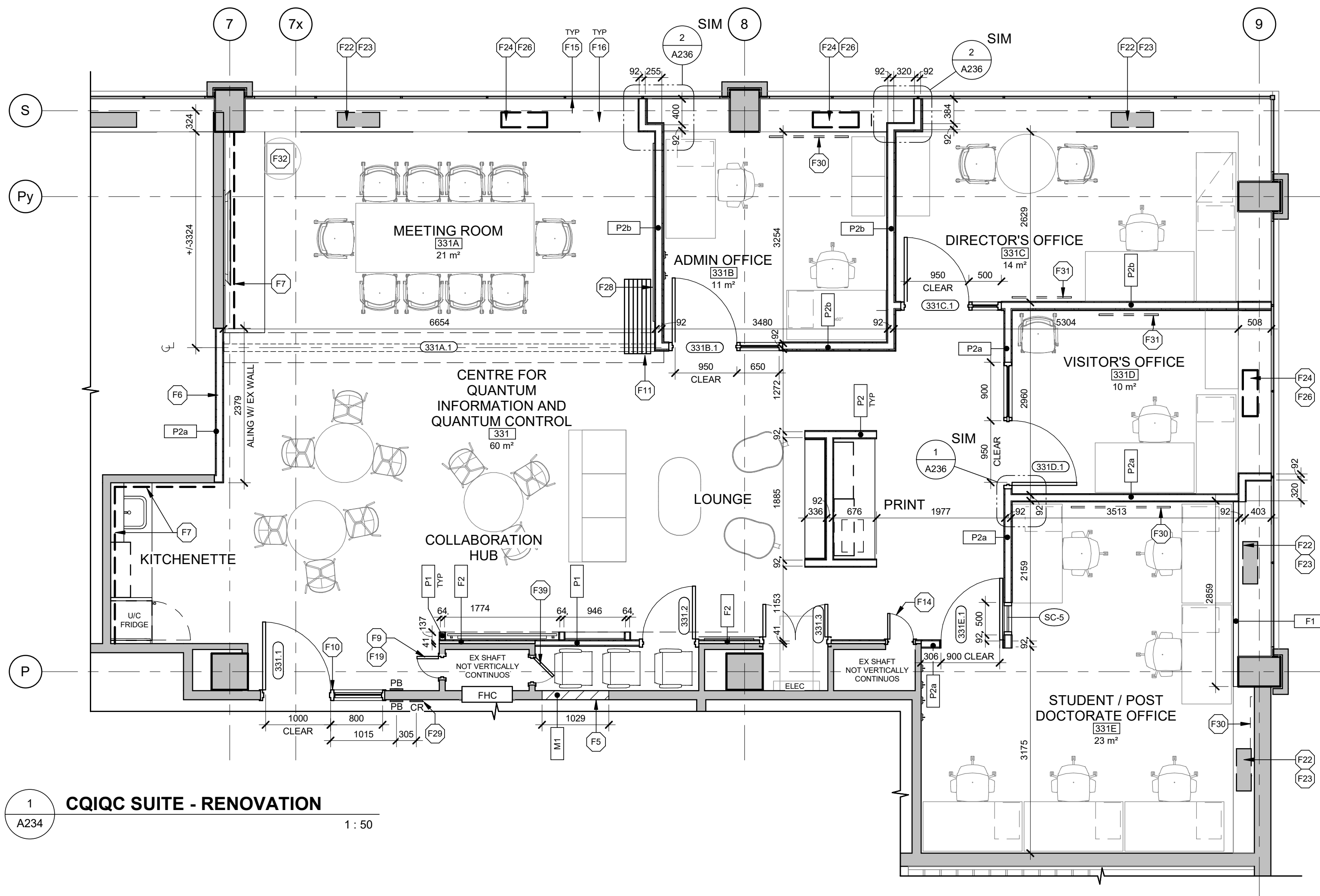
DRAWING TITLE:

QIS LAB - FINISHES

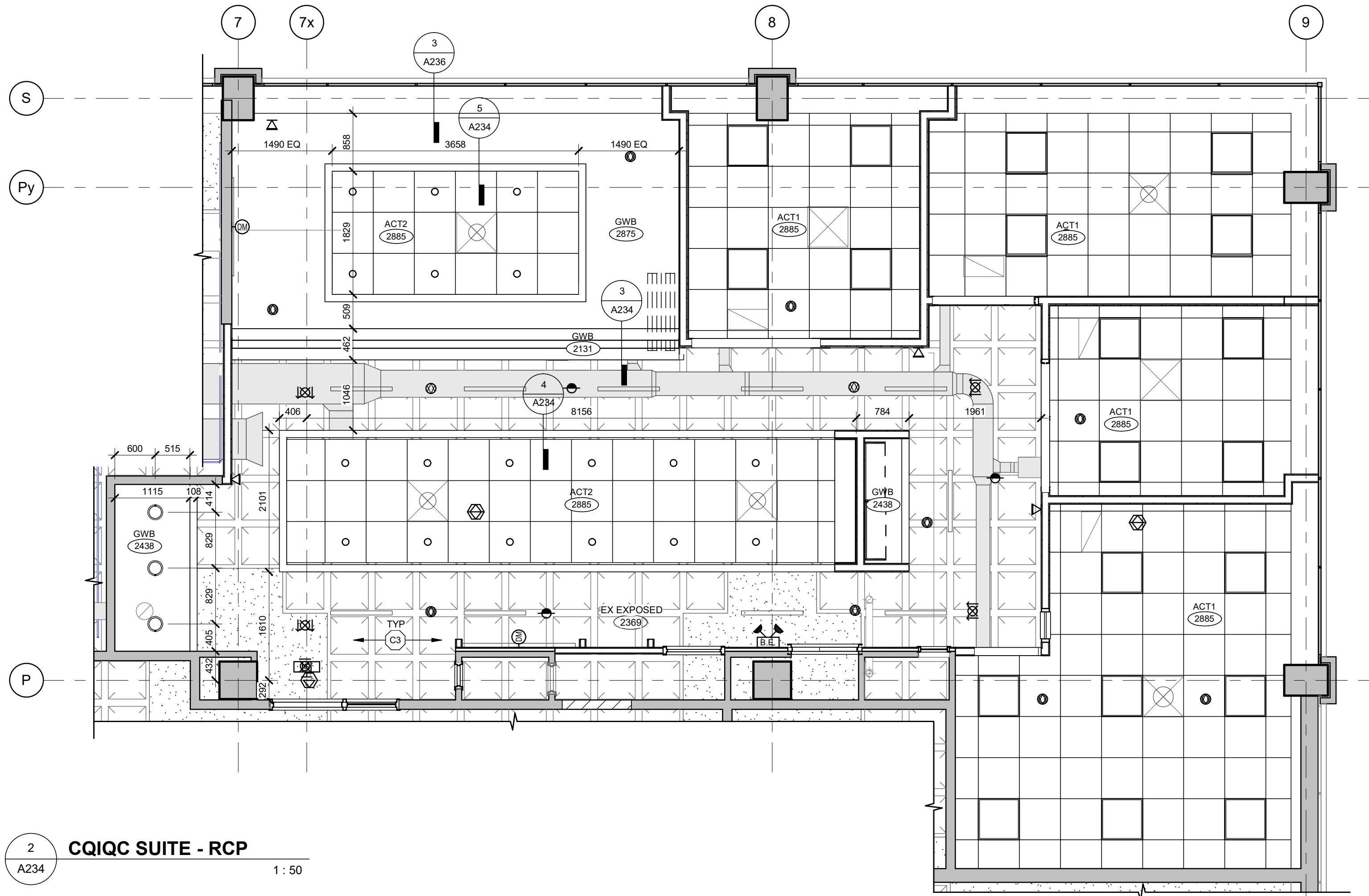
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PROJECT NO. 24119

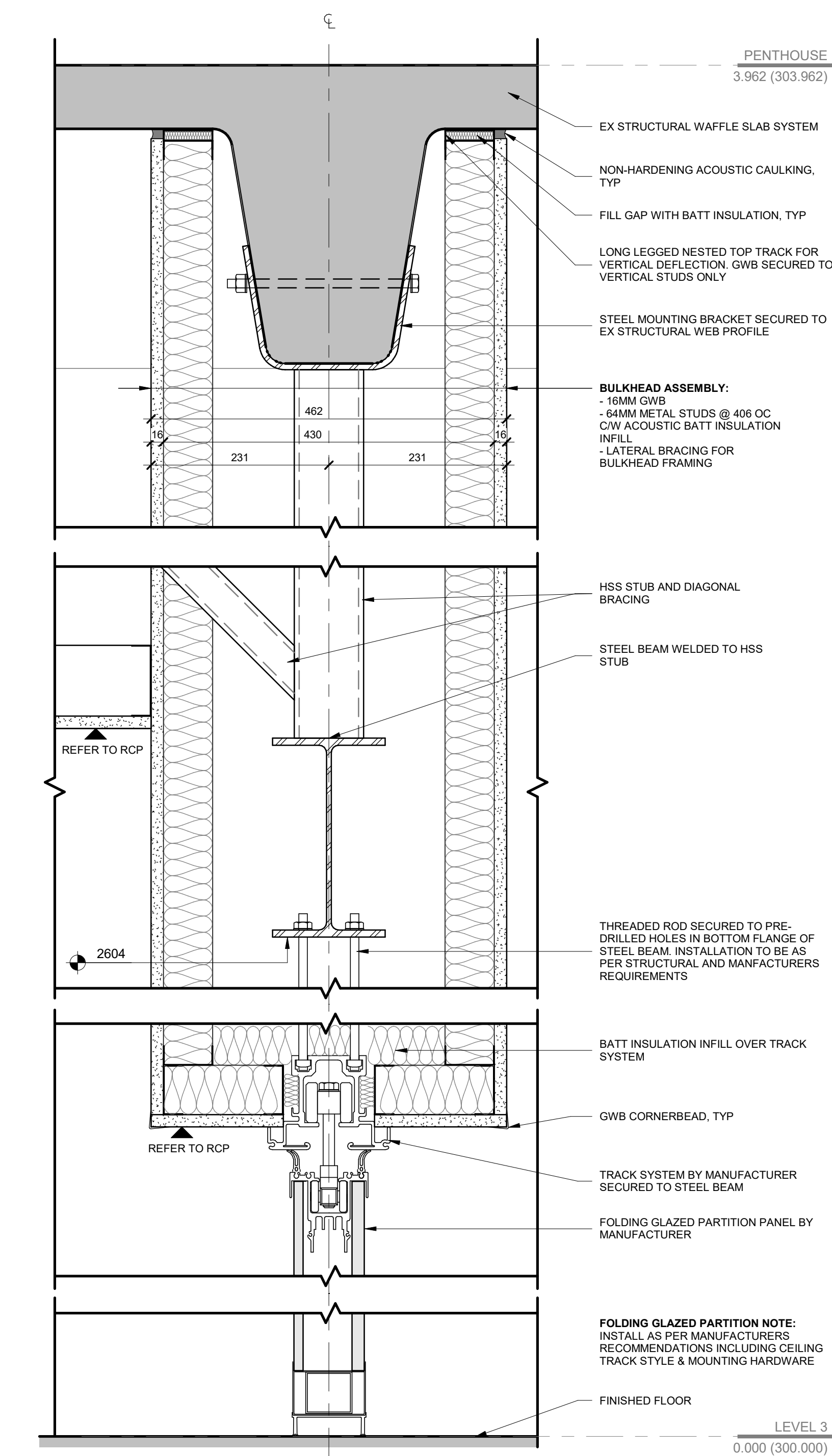
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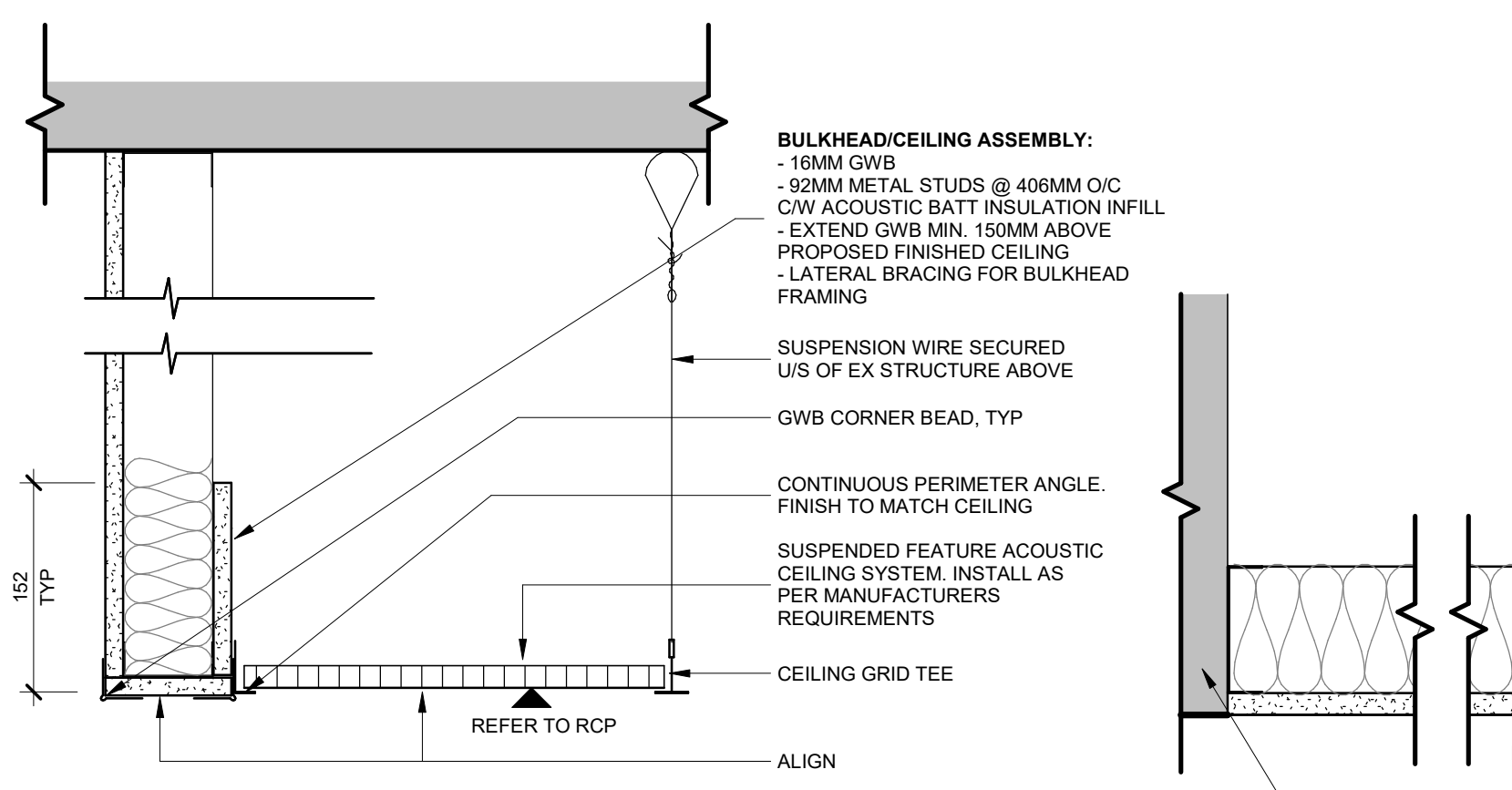
1 CQIQC SUITE - RENOVATION
A234 1:50



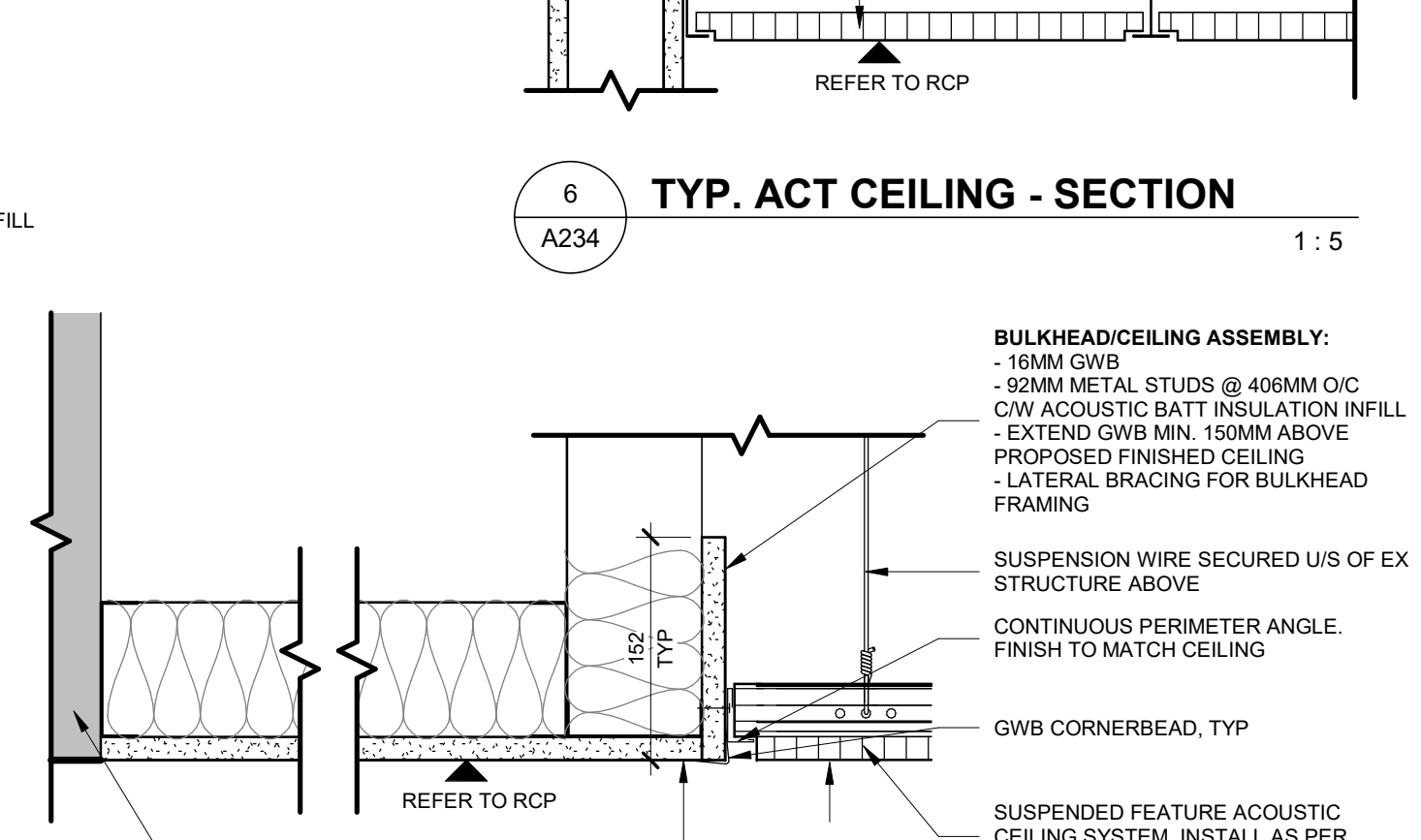
2 CQIQC SUITE - RCP
A234 1:50



3 FOLDING GLAZED PARTITION - SECTION DETAIL
A234 1:5



4 COLLAB. AREA FEATURE CEILING - SECTION
A234 1:5

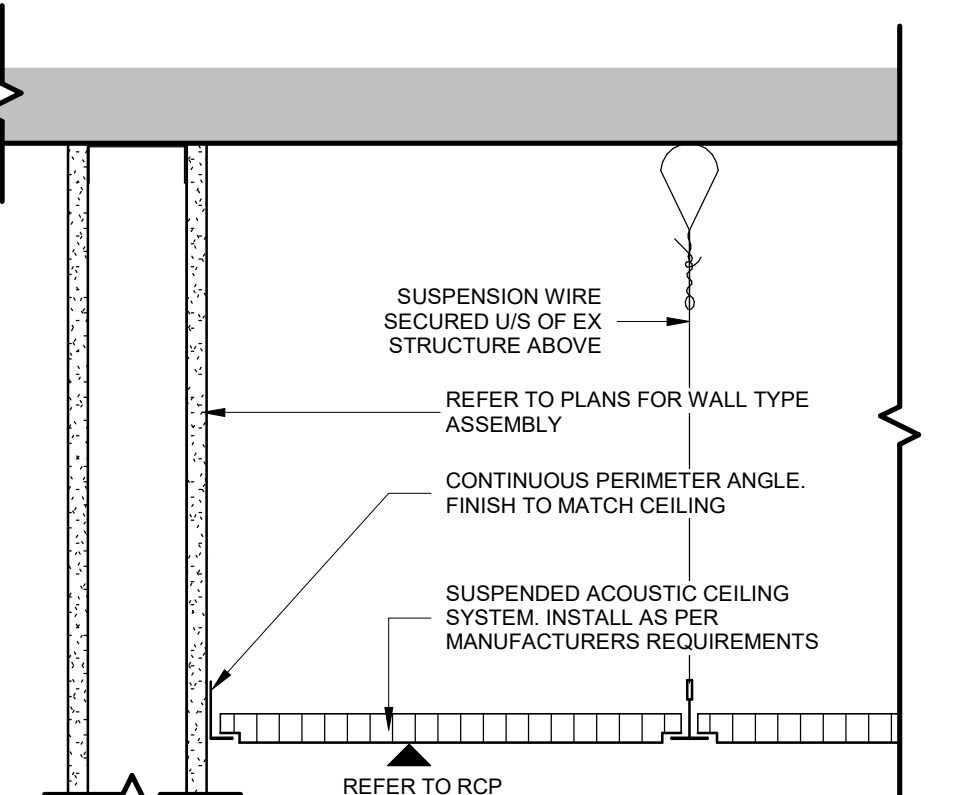


5 MEETING RM FEATURE CEILING - SECTION
A234 1:5

| 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 COIQC 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. |

| 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

UNIVERSITY OF TORONTO

PROJECT LOGO

TRUE NORTH

CONSTRUCTION NORTH

KEY PLAN

| | | |
|-----|--------------------|------------|
| 6 | IFT | 2025.11.27 |
| 6 | ISSUED FOR 100% CD | 2025.11.21 |
| 4 | ISSUED FOR R/W 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 |

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

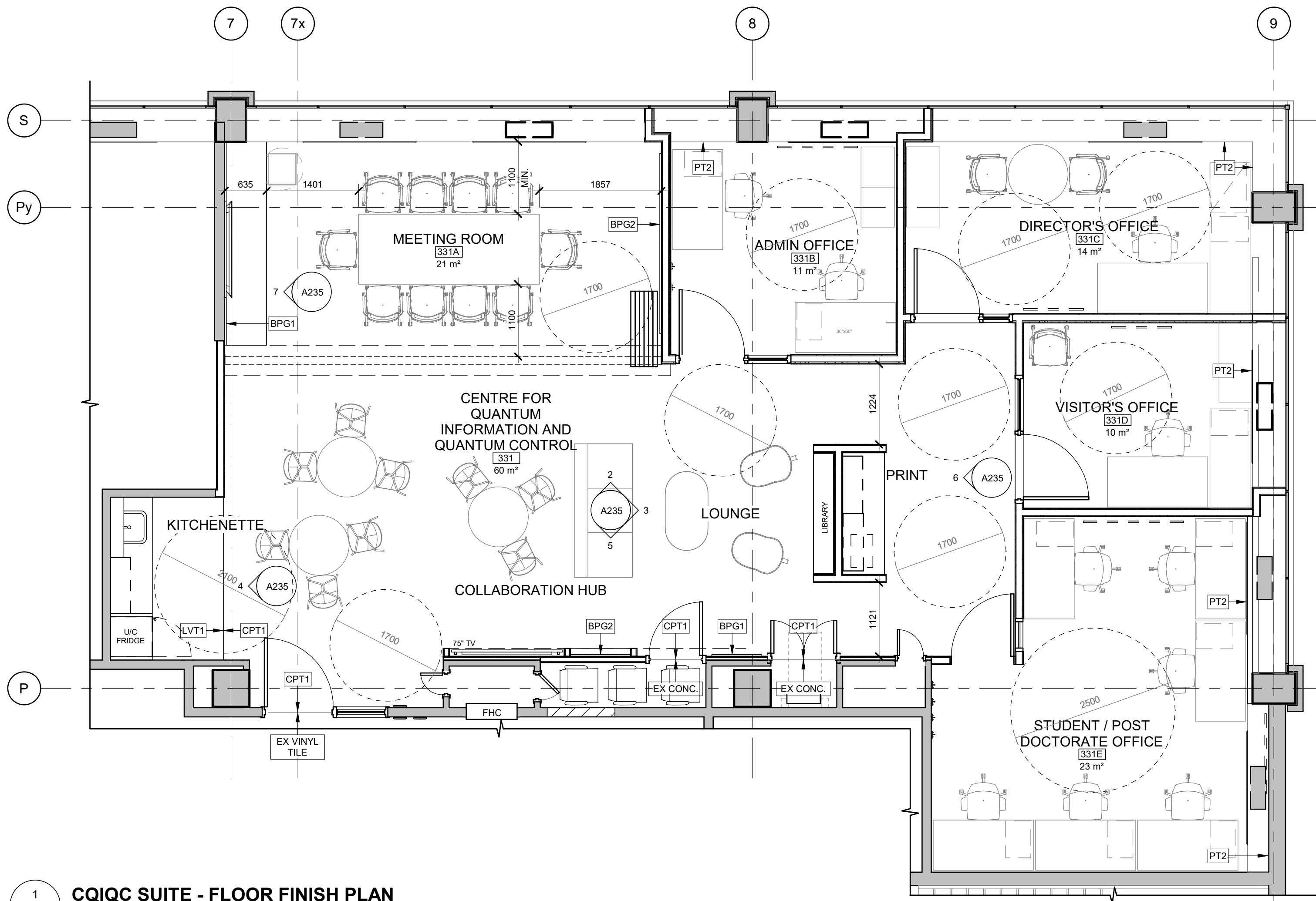
255 HURON STREET, TORONTO, ONTARIO M5S 3J1

DRAWING TITLE:
CQIQC SUITE - PLAN & RCP

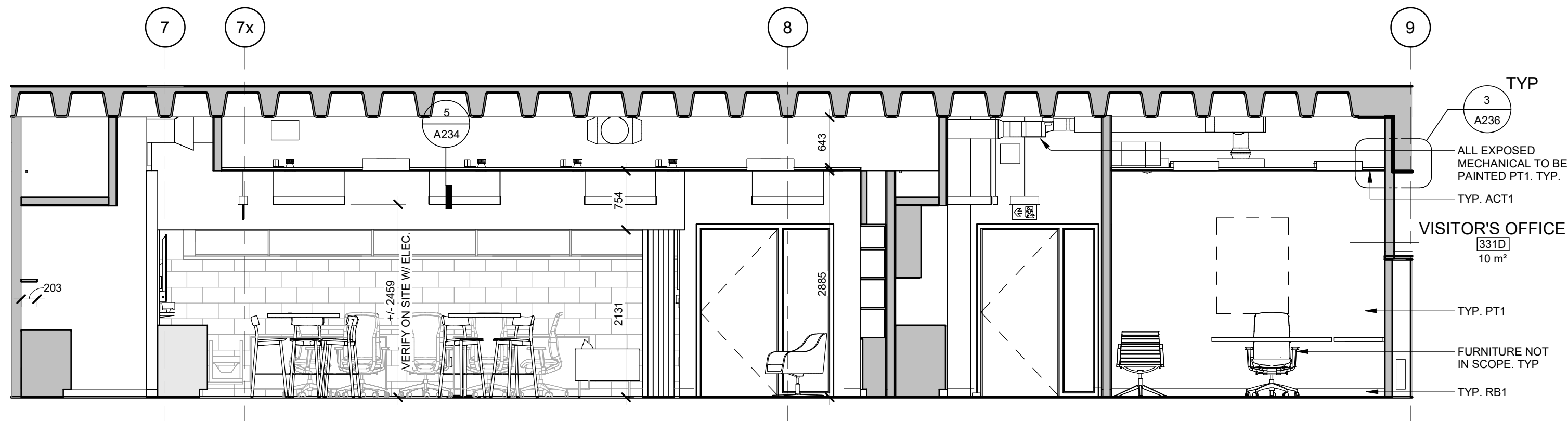
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PROJECT NO: **24119**

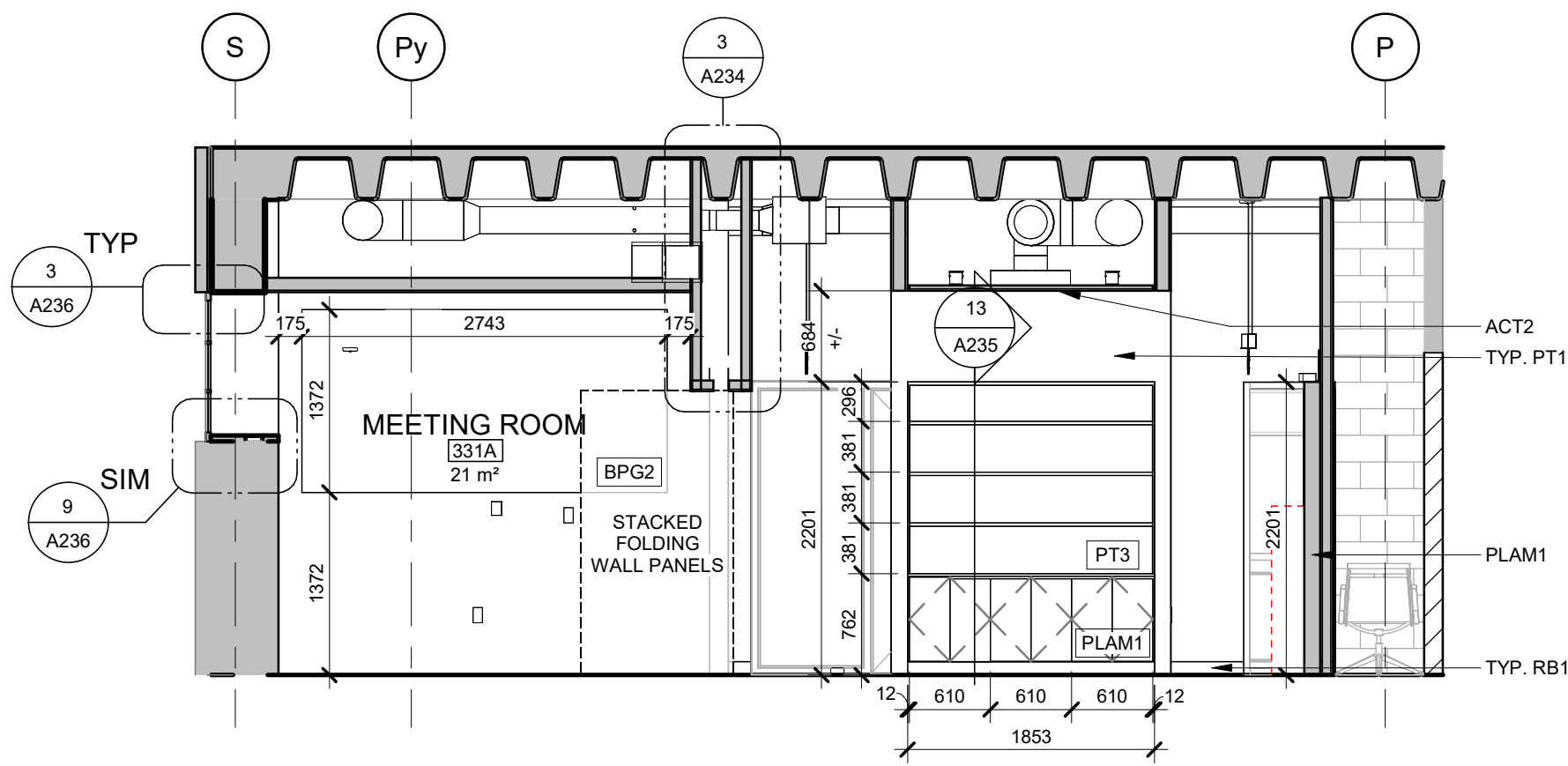
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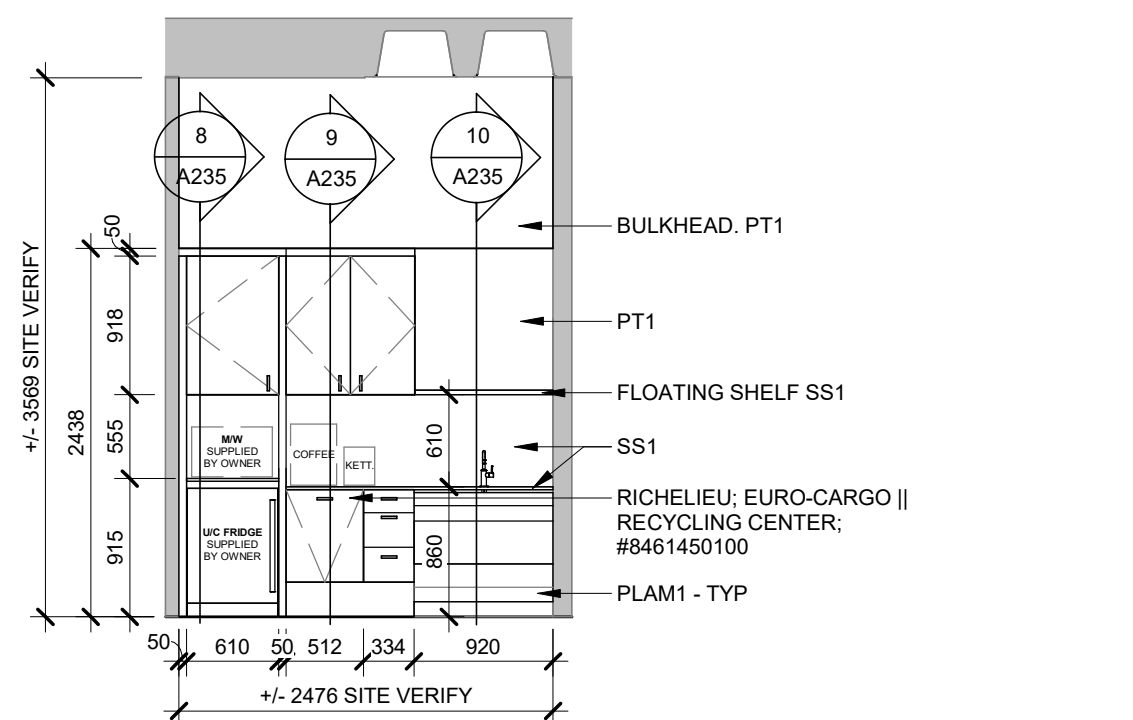
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A235 1:50



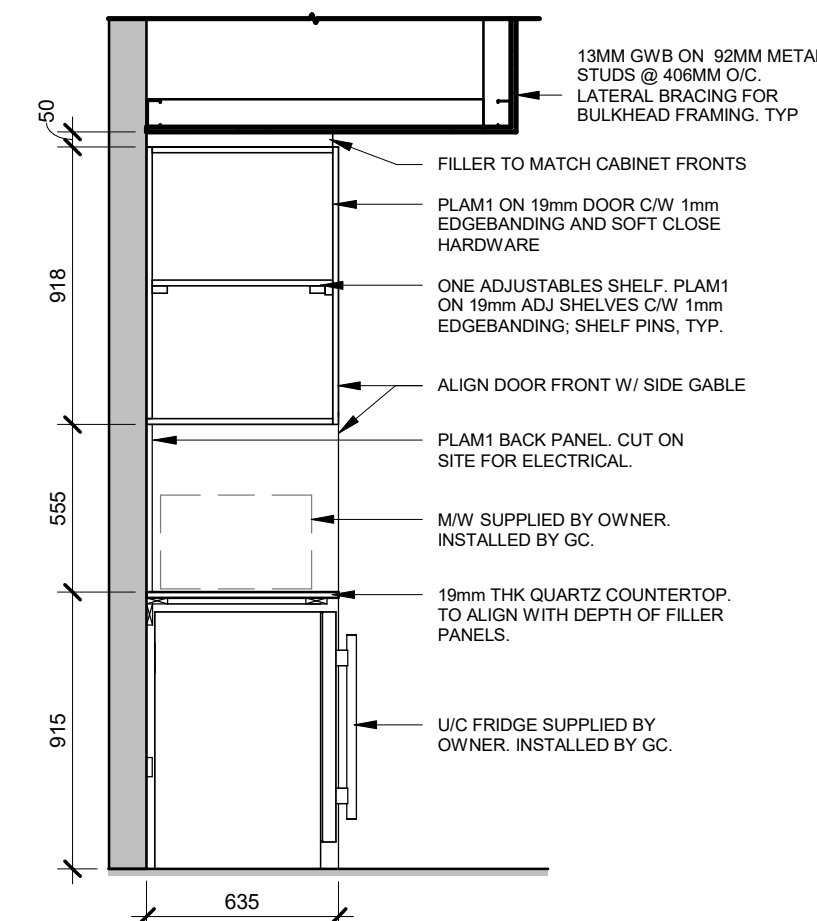
2 CQIC 331 - NORTH ELEVATIONS
A235 1:50



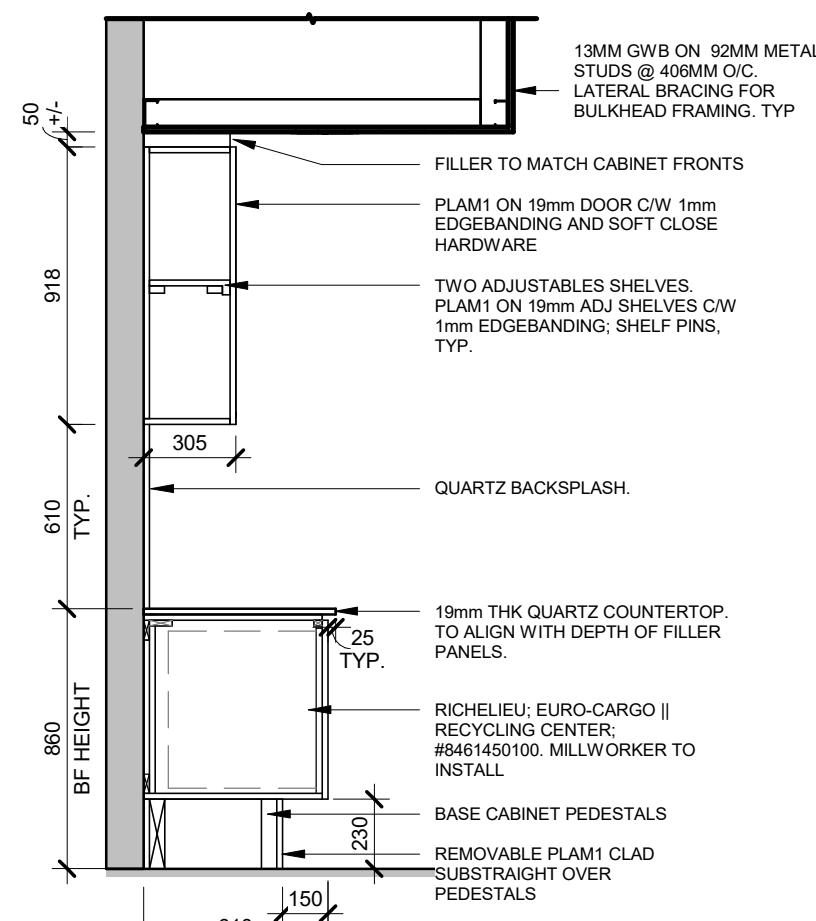
3 CQIC 331 - EAST ELEVATION
A235 1:50



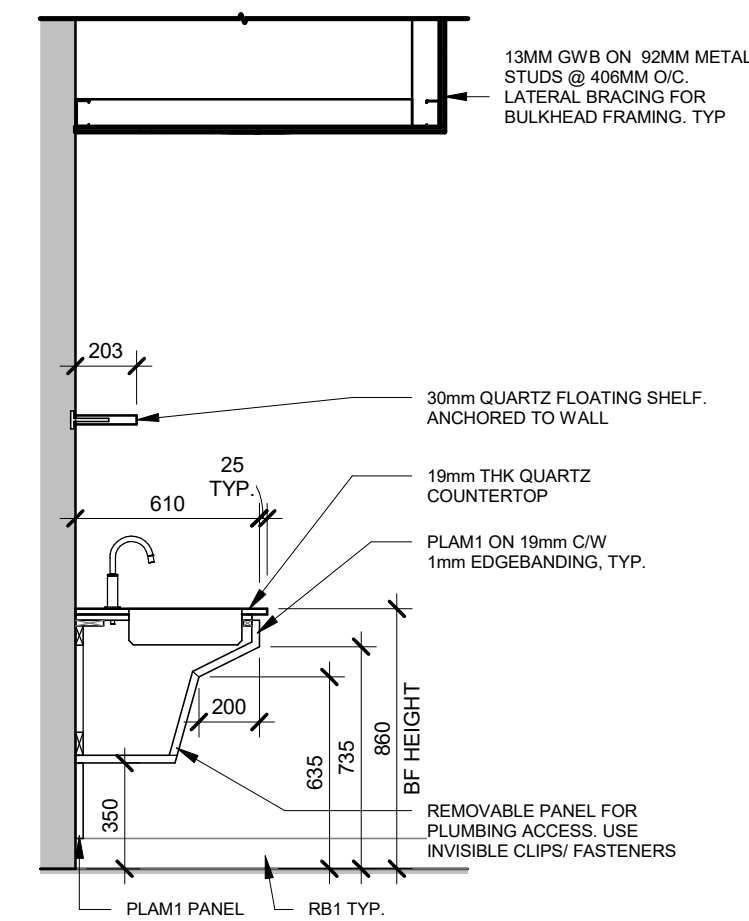
4 CQIC 331 - KITCHENETTE - WEST ELEVATION
A235 1:50



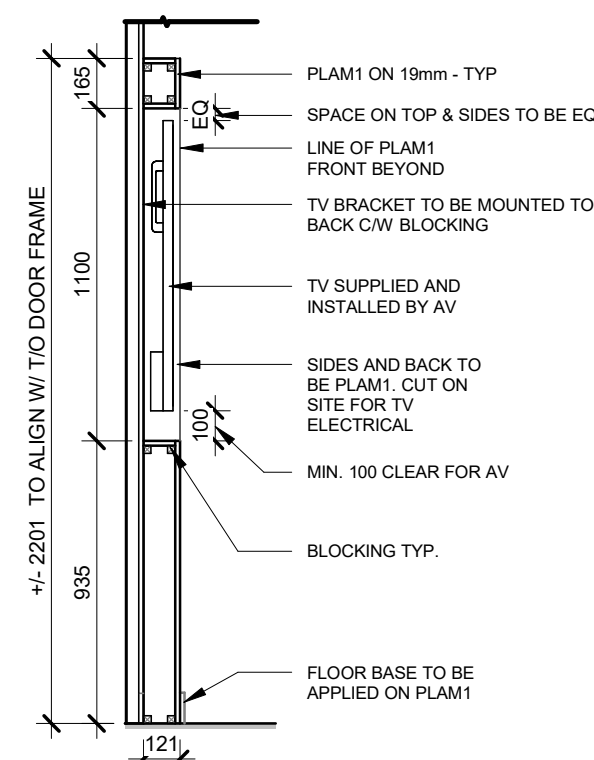
8 KITCHENETTE - FRIDGE
A235 1:25



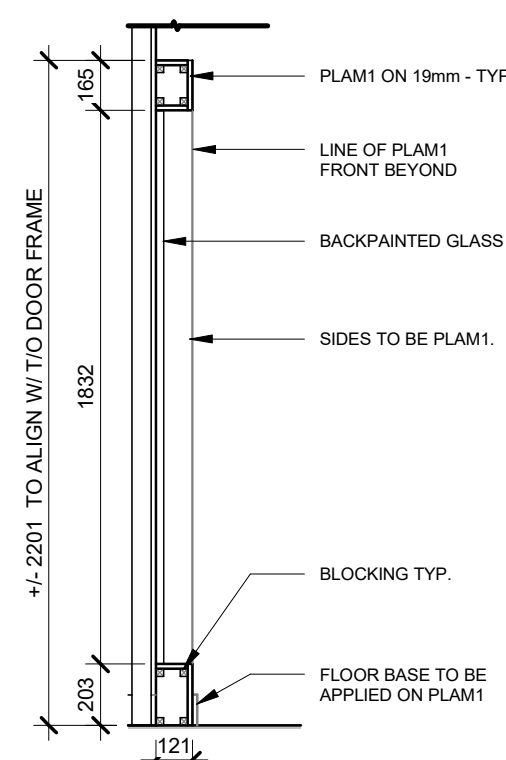
9 KITCHENETTE - TYP.
A235 1:25



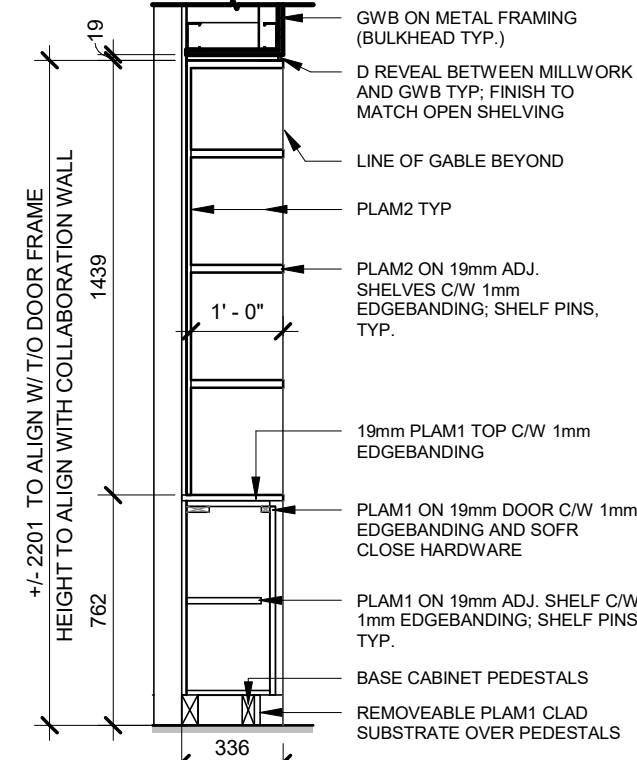
10 KITCHENETTE - BF SINK
A235 1:25



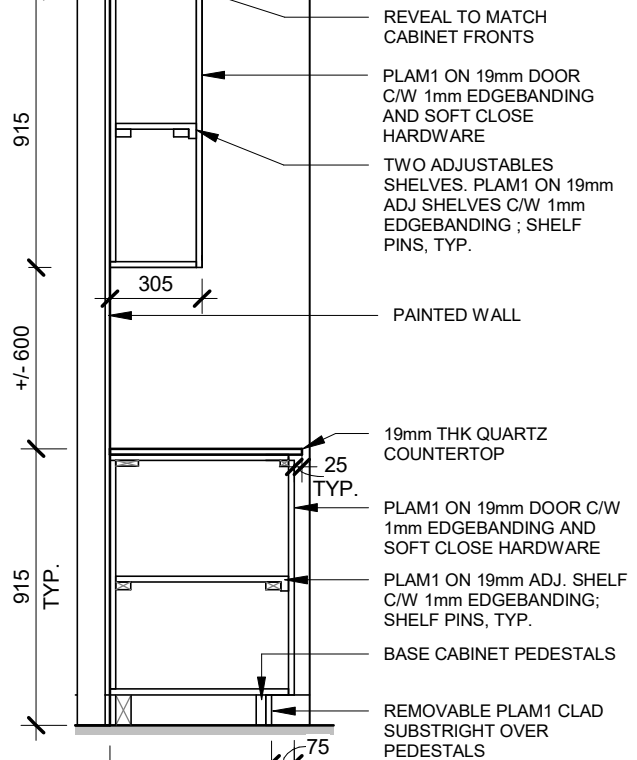
11 COLLAB - TV
A235 1:25



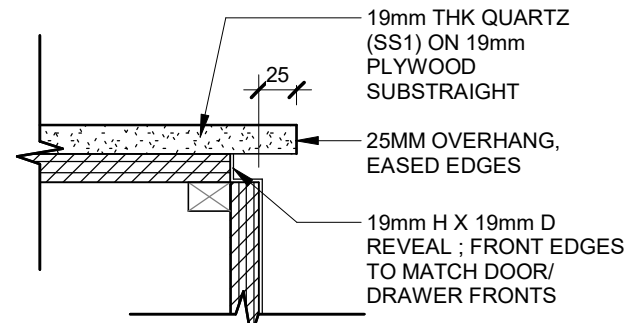
12 COLLAB - BPG
A235 1:25



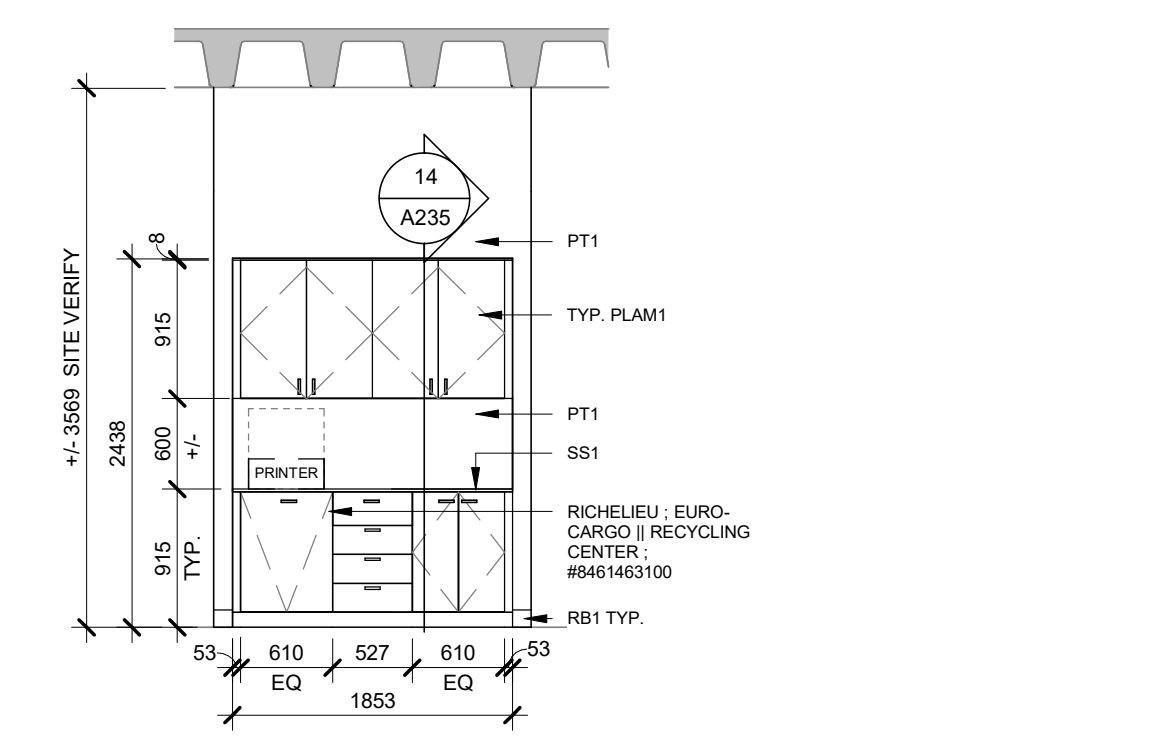
13 LIBRARY - TYP
A235 1:25



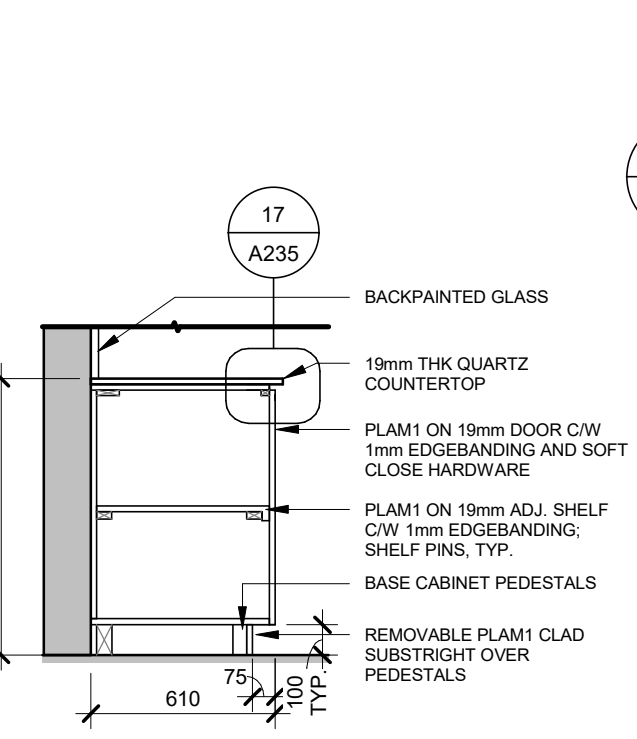
14 PRINT - TYP
A235 1:25



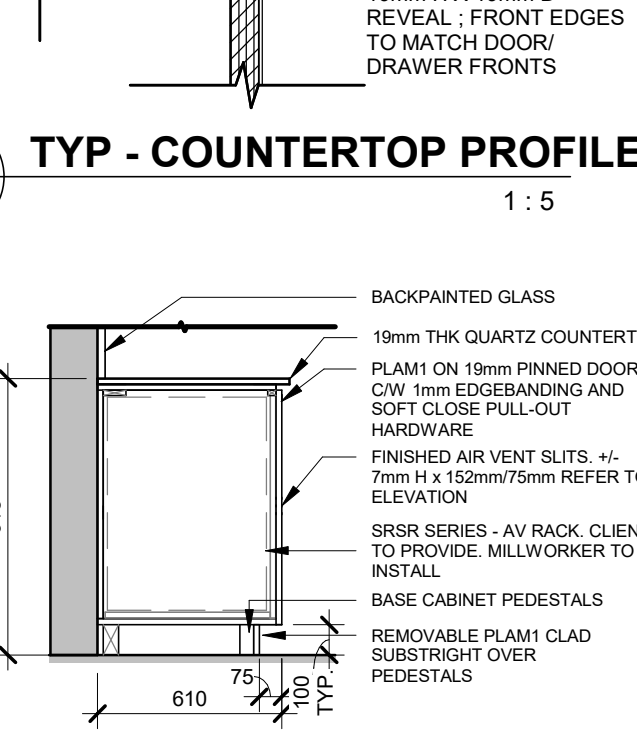
17 TYP - COUNTERTOP PROFILE
A235 1:5



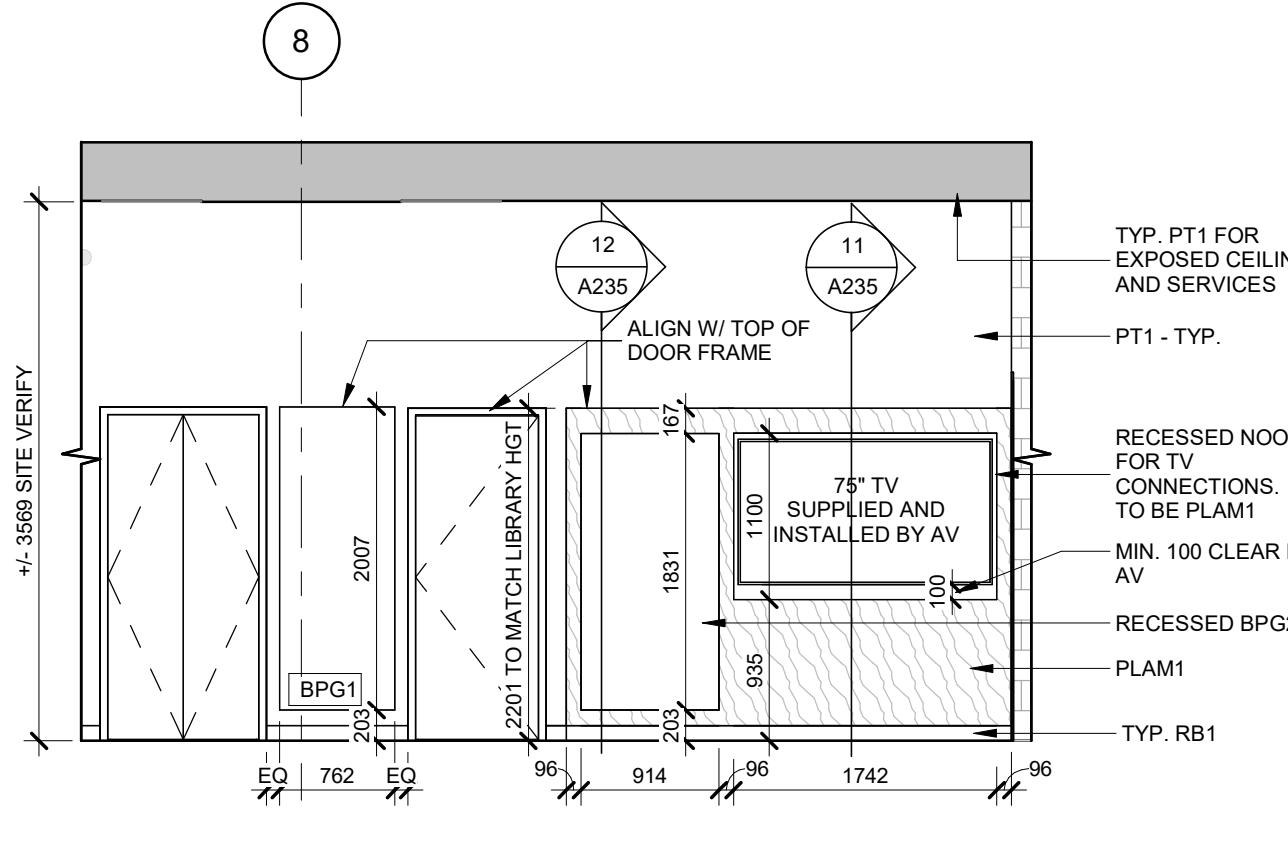
6 CQIC 331 - PRINT CENTRE - WEST ELEVATION
A235 1:50



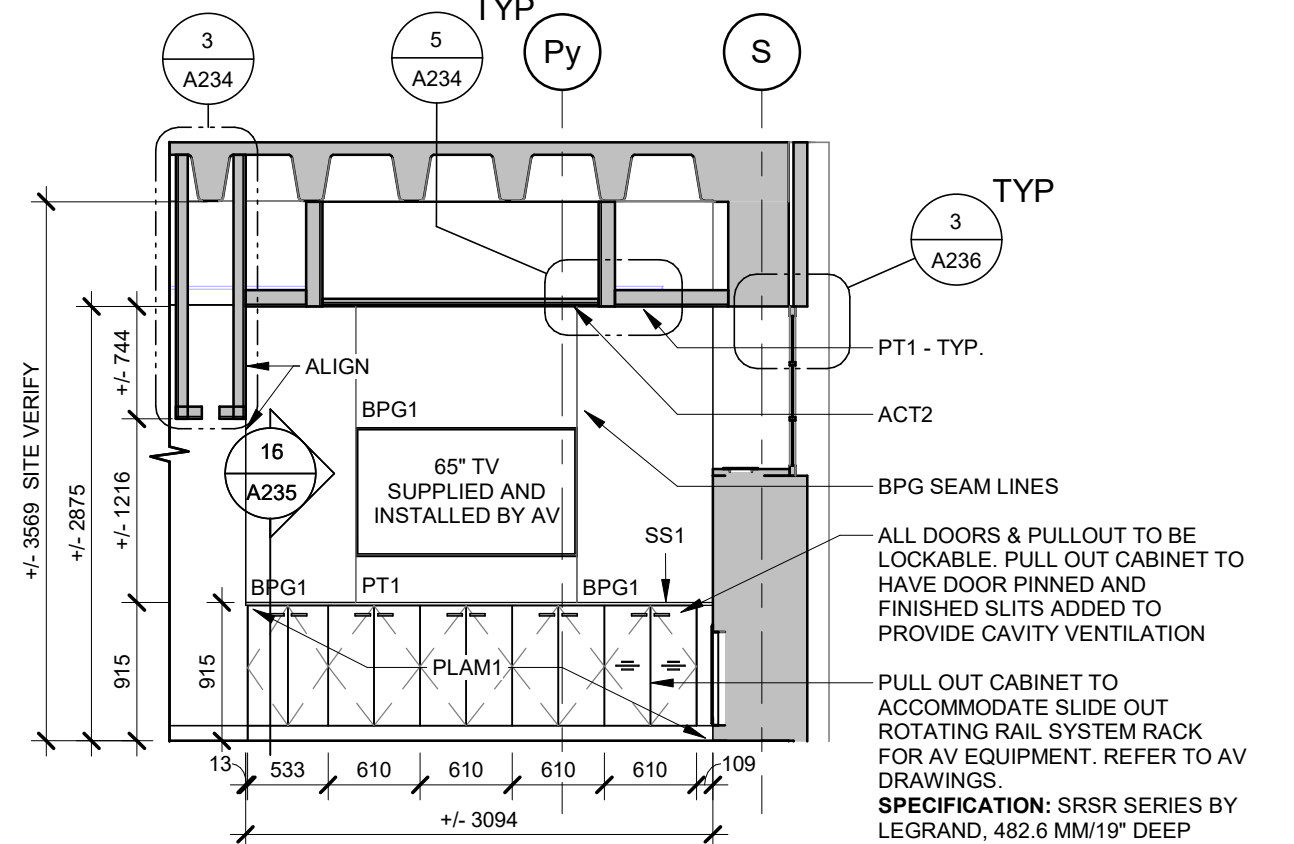
15 MEETING RM - TYP
A235 1:25



16 MEETING RM - AV RACK
A235 1:25



5 CQIC 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

PRELIMINARY - NOT FOR CONSTRUCTION

| NO. | DESCRIPTION | DATE |
|-----|--------------------|------------|
| 1 | ISSUED FOR 100% CD | 2025.07.11 |
| 2 | ISSUED FOR 90% CD | 2025.06.19 |
| 3 | ISSUED FOR 90% CD | 2025.06.17 |
| 4 | ISSUED FOR 100% CD | 2025.11.27 |

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CONSULTANTS:

PROJECT:

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

255 HURON STREET, TORONTO, ONTARIO M5S 3J1

DRAWING TITLE:

CQIC SUITE - FINISHES

SHEET NO. ARCH D (610x914) SCALE: As indicated

PROJECT NO. 24119

DRAWING NO. A235

