

# FREEMAN FIT-UP

**ADDRESS:** 2295 ST.LAURENT BLVD | OTTAWA, ON  
**PROJECT NO:** 1927  
**DATE:** 2020-01-29

## RE-ISSUED FOR CONSTRUCTION

### ARCHITECTURAL DRAWINGS

0000	COVER
A001	FIRE SEPARATIONS, CONSTRUCTION ASSEMBLIES & NOTATION LEGEND
A003	DOOR SCHEDULE, DOOR & FRAME TYPES, MATERIALS & PRODUCT SCHEDULE
D101	LEVEL 01 & 02 - DEMOLITION PARTITION PLANS
D102	LEVEL 01 & 02 - DEMOLITION CEILING PLANS
A101	LEVEL 01 & 02 - PARTITION PLANS
A111	LEVEL 01 & 02 - FINISHES PLANS
A151	LEVEL 01 & 02 - REFLECTED CEILING PLANS
A401	STAIR C - ENLARGED PLANS, SECTIONS, AND DETAILS
A402	WC - ENLARGED PLANS AND ELEVATIONS
A701	INTERIOR DETAILS
A801	MILLWORK PLANS, ELEVATIONS, AND DETAILS
A802	MILLWORK CONTINUED

#### MECHANICAL ENGINEER

##### Quadrant Engineering Ltd

203-2283 St. Laurent Blvd.  
Ottawa, Ontario  
K1G 5A2

#### DRAWING LIST

REFER TO MECHANICAL TITLE SHEET

#### ELECTRICAL ENGINEER

##### Quadrant Engineering Ltd

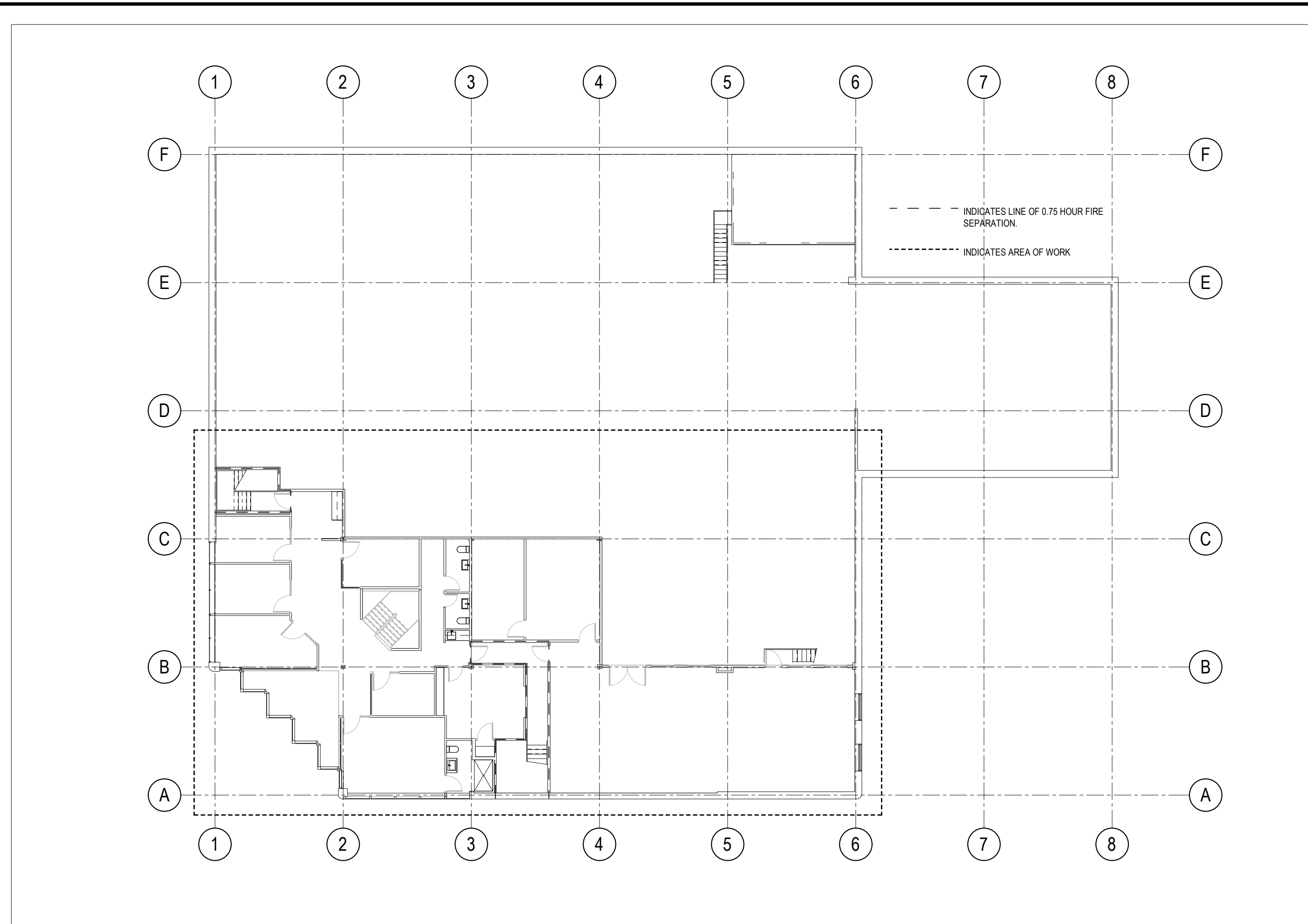
203-2283 St. Laurent Blvd.  
Ottawa, Ontario  
K1G 5A2

#### DRAWING LIST

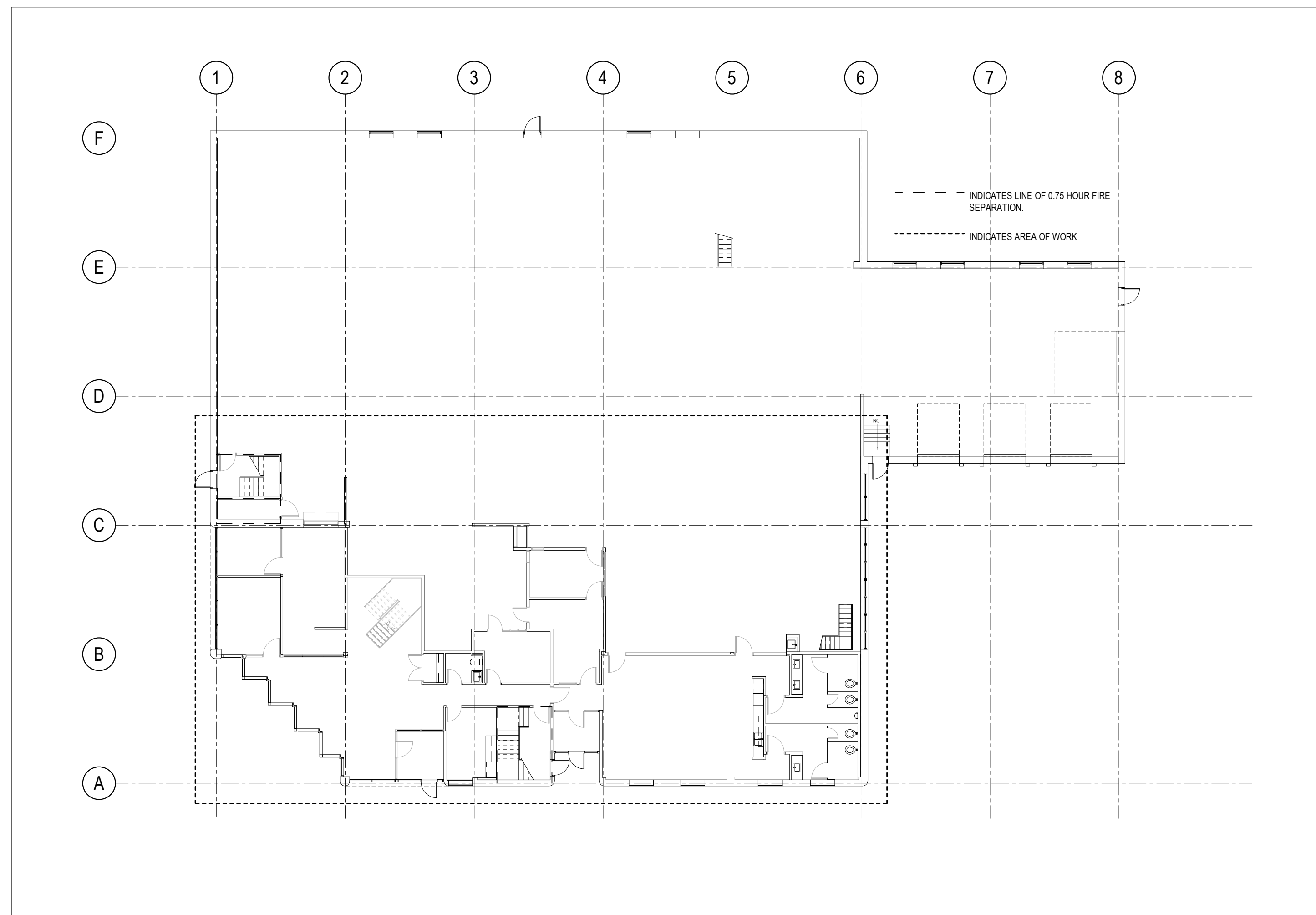
REFER TO ELECTRICAL TITLE SHEET



Project1 Studio Incorporated  
| 613.884.3939 | mail@project1studio.ca

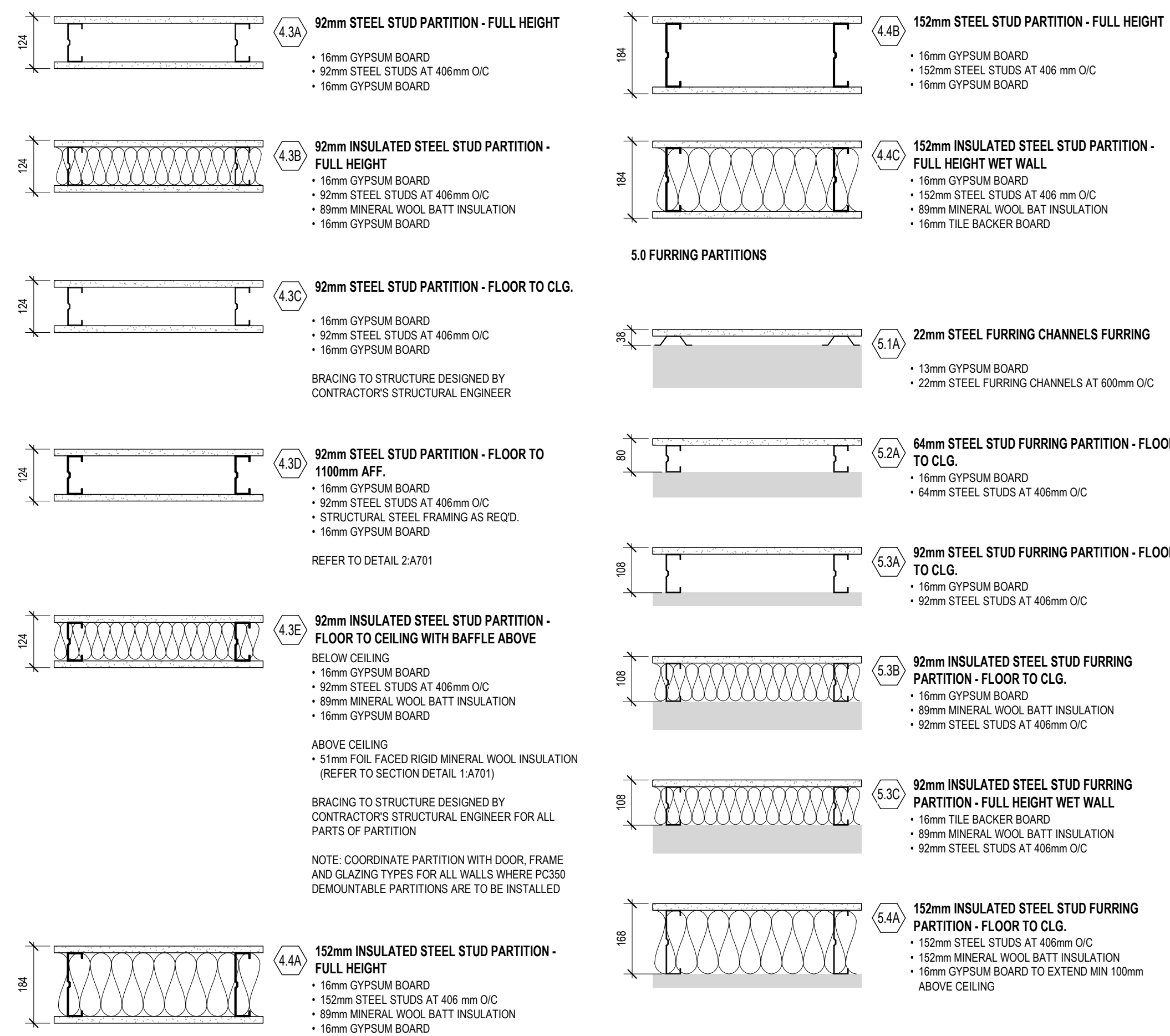


4 LEVEL 02 - FIRE SEPERATIONS  
A001 SCALE: 1 : 200



1 LEVEL 01 - FIRE SEPERATIONS  
A001 SCALE: 1 : 200

4.0 STANDARD PARTITIONS

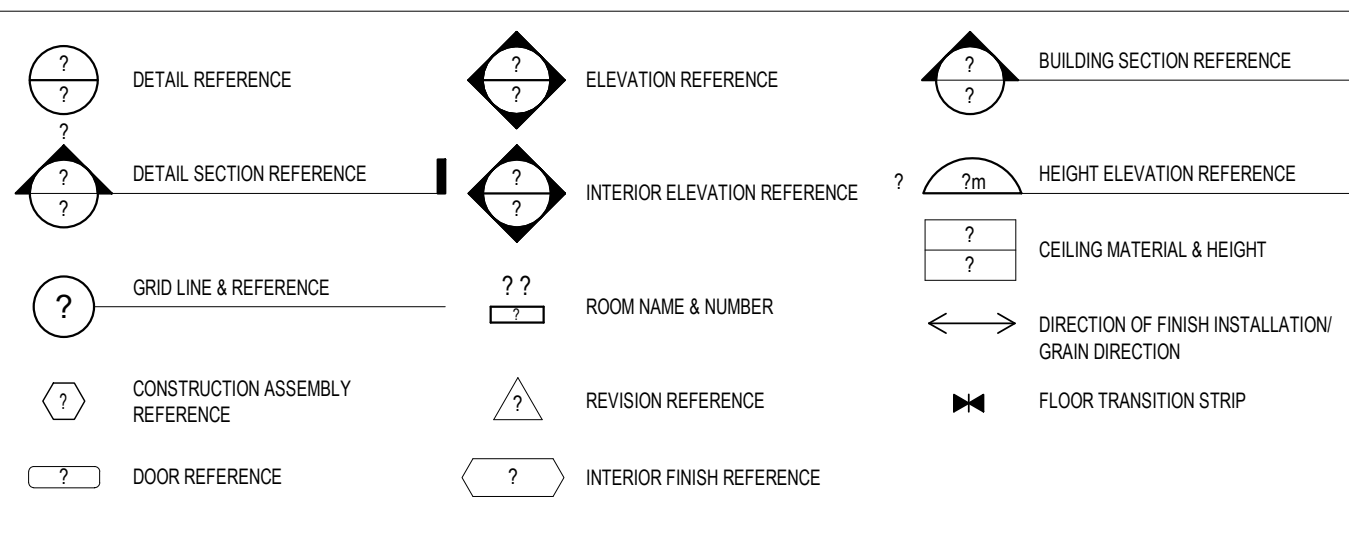


3 CONSTRUCTION ASSEMBLIES  
A001 SCALE: 1 : 10

CONSTRUCTION ASSEMBLIES GENERAL NOTES

- THE "PARTITION TYPE TAG" ILLUSTRATED BELOW, INDICATES THE ASSEMBLY OF THE COMPLETE EXTEND OF EACH WALL INDICATED BY THE TAG ON THE PARTITION PLANS AND OTHER DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
- CONSTRUCT FIRE RESISTANCE RATED PARTITIONS TO THE U.L.C OR u.L. DESIGN INDICATED. FIRE STOP AND SMOKE SEAL ALL PENETRATIONS THROUGH RATED PARTITION WITH FIRE RATED SEALANT.
- SUPPORT AND BRACING OF PARTITIONS TO COMPLY WITH SEISMIC ZONE PROVISIONS OF THE PLACE OF WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE (OBC) 2012 EDITIONS AND SUPPLEMENTAL STANDARD SB-1. EMPLOY PROFESSIONAL STRUCTURAL ENGINEER TO DESIGN COMPONENTS OF THIS WORK, REVIEW SHOP DRAWINGS AND REVIEW AND VERIFY CONSTRUCTION.
- PROVIDE A MINIMUM 13mm DEFLECTION CONNECTION AT UNDERSIDE OF STRUCTURE ON ALL PARTITIONS WHICH EXTEND FROM SLAB TO UNDERSIDE OF STRUCTURE ABOVE UNLESS OTHERWISE NOTED.
- USE A MINIMUM OF 25 GAUGE GALVANIZED METAL STUDS IN PARTITIONS UNLESS OTHERWISE NOTED.
- WHERE NOTED, PROVIDE ACOUSTICAL BATT INSULATION. TO FILL FULL HEIGHT OF STUD CAVITIES AND TO FIT TIGHTLY AROUND CONDUIT, ELECTRICAL BOXES AND OTHER OBSTRUCTIONS. INSULATION TO BE ROCKWOOL AFB ACOUSTICAL FIRE BATT INSULATION OR SIMILAR. SEAL ALL PENETRATIONS THROUGH ACOUSTICAL PARTITION WITH ACOUSTICAL SEALANT.
- INSTALL 1 LAYER OF 16mm GLASS MAT WATER-RESISTANT GYPSUM TILE BACKER BOARD IN PLACE OF OUTSIDE LAYER OF GYPSUM BOARD WHERE WALL IS TO RECEIVE CERAMIC/PORCELAIN TILE FINISH, REFER TO FINISHES PLAN.
- PROVIDE METAL DRYWALL TRIMS AT EXTERNAL CORNERS, EXPOSED GYPSUM BOARD EDGES AND AROUND OPENINGS, FRAMES CEILINGS, FLOORS ETC.

PARTITION TYPE TAG	PARTITION TYPE CHARACTER LEGEND	STUD WIDTH LEGEND
	1 - STANDARD PARTITIONS 2 - FURRING PARTITIONS 3 - DEMOUNTABLE PARTITIONS	1 - 22mm STEEL FURRING CHANNELS 2 - 64mm STEEL STUDS 3 - 92mm STEEL STUDS 4 - 152mm STEEL STUDS

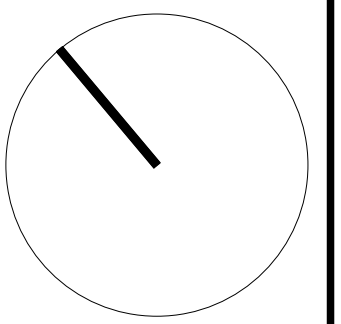


2 NOTATION LEGEND  
A001 SCALE: NTS

- GENERAL ARCHITECTURAL NOTES:
- This drawing is the property of the Architect and may not be reproduced or used without the expressed consent of the Architect.
  - Drawings are not to be scaled. The Contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Architect and obtain clarification prior to commencing work.
  - Upon notice in writing, the Architect will provide written/graphic clarification or supplementary information regarding the intent of the Contract Documents.
  - The Architectural drawings are to be read in conjunction with all other Contract Documents including Project Manuals and the Structural, Mechanical and Electrical Drawings.
  - Positions of exposed or finished Mechanical or Electrical devices, fittings and fixtures are indicated on the Architectural Drawings. Locations shown on the Architectural Drawings shall govern over Mechanical and Electrical Drawings. Mechanical and Electrical items not clearly located will be located as directed by the Architect.
  - These documents are not to be used for construction unless specifically noted for such purpose.

5 RE-ISSUED FOR CONSTRUCTION	2020-01-29
4 ISSUED FOR CONSTRUCTION	2020-01-27
2 ISSUED FOR TENDER	2019-11-29
1 ISSUED FOR BUILDING PERMIT	2019-11-15

ISSUE RECORD



project1 studio

Project1 Studio Incorporated  
613.884.9339 | mail@project1studio.ca

FREEMAN FIT-UP

2295 St.Laurent Blvd  
Ottawa ON

PROJ	SCALE	DRAWN	REVIEWED
1927	NOTED	AP	RMK

FIRE SEPARATIONS,  
CONSTRUCTION ASSEMBLIES  
& NOTATION LEGEND

A001

LEVEL	DOOR NO.	ROOM NAME	DOOR PANEL				FRAME				REMARKS					
			WIDTH 1	WIDTH 2	HEIGHT	THICK.	MAT.	FIN.	DOOR PANEL TYPE	DOOR GLASS	FRAME TYPE	MAT.	FIN.	FRAME GLASS	HARD WARE	FIRE RATING
<b>LEVEL 01</b>																
LEVEL 01	D101A	LOBBY 101	782	782	2134	44	SCW	PT	D1		F1	SKF	PT	LP		DOUBLE DOOR
LEVEL 01	D104A	OFFICE 104	965		2134	44	AL	ANO	D2	GLT	F4	AL	ANO	GLT	LS, DS	DOOR, FRAME, AND HARDWARE PART OF DEMOUNTABLE WALL SYSTEM, COORDINATE WITH SUPPLIER
LEVEL 01	D105A	OFFICE 105	965		2134	44	AL	ANO	D2	GLT	F5	AL	ANO	GLT	LS, DS	DOOR, FRAME, AND HARDWARE PART OF DEMOUNTABLE WALL SYSTEM, COORDINATE WITH SUPPLIER
LEVEL 01	D116A	LUNCH RM 116	965		2134	44	SCW	PT	D1		F1	SKF	PT	PS, DC		
LEVEL 01	D117A	WOMAN'S WC 117	965		2134	44	SCW	PT	D1		F1	SKF	PT	PS, ADD		
LEVEL 01	D118A	MEN'S WC 118	965		2134	44	SCW	PT	D1		F1	SKF	PT	PS, ADD		Not on drawings
LEVEL 01	D119A	WAREHOUSE 119	965		2134	44	SCW	PT	D1		F1	SKF	PT	PS, DC		
LEVEL 01	ED108A	PRINT ROOM 108												PS		
LEVEL 01	ED109A	WC 109												PLS		
LEVEL 01	ED110A	STAIR A 110												PS, DC	45 MIN	EXISTING DOOR CLOSER TO REMAIN
LEVEL 01	ED111A	OFFICE 111												LS, DS		
LEVEL 01	ED113A	CORRIDOR 113												PS		
LEVEL 01	ED114A	OFFICE 114												LS, DS		
LEVEL 01	ED115A	OFFICE 115												LS, DS		
LEVEL 01	ED116B	OFFICE 116												LS, DS		
LEVEL 01	ED118B	WAREHOUSE 118												LS		
LEVEL 01	ED119A	WAREHOUSE 119												LS, DS		INSTALL EXISTING DOOR & FRAME RETAINED FROM DEMOLITION
<b>LEVEL 02</b>																
LEVEL 02	D201A	OFFICE 201	965		2134	44	AL	ANO	D2		F4	AL	ANO	GLT	LS, DS	DOOR, FRAME, AND HARDWARE PART OF DEMOUNTABLE WALL SYSTEM, COORDINATE WITH SUPPLIER
LEVEL 02	D202A	OFFICE 202	965		2134	44	SCW	PT	D1		F2	SKF	PT	GLT	LS, DS	
LEVEL 02	D202AA	WC 202A	915		2134	44	SCW	PT	D1		F1	SKF	PT	PLS, DC		
LEVEL 02	D203A	OFFICE 203	965		2134	44	SCW	PT	D1		F2	SKF	PT	GLT	LS, DS	
LEVEL 02	D204A	OFFICE 204	965		2134	44	SCW	PT	D1		F2	SKF	PT	GLT	LS, DS	
LEVEL 02	D205A	OFFICE 205	965		2134	44	SCW	PT	D1		F2	SKF	PT	GLT	LS, DS	
LEVEL 02	D207A	OFFICE 207	965		2134	44	AL	ANO	D2		F3	AL	ANO	GLT	LS, DS	DOOR AND FRAME PART OF DEMOUNTABLE WALL SYSTEM REFER TO FINISHES SCHEDULE FOR SPECIFICATION
LEVEL 02	D208A	WC 208	813		2033	44	SCW	PT	D1		F1	SKF	PT	PLS, DC		DOOR HEIGHT TO MATCH ADJACENT DOOR ED208A, SITE VERIFY
LEVEL 02	D210A	MFG RM 210	915		2134	44	SCW	PT	D1		F1	SKF	PT	LS		
LEVEL 02	D212A	PRINT ROOM 212	1067	1067	2428	44	HM	PT	D3		F1	SKF	PT	LS		DOUBLE DOOR
LEVEL 02	D213A	SECURE STORAGE 213	965		2134	44	HM	PT	D1		F1	SKF	PT	LS, DC		
LEVEL 02	D214A	SERVER/MECH RM 214	965		2134	44	HM	PT	D1		F1	SKF	PT	LS, DC		
LEVEL 02	ED119C	WAREHOUSE 119												PS, DC		
LEVEL 02	ED209A	WC 209												PLS		No door closer
LEVEL 02	ED210A	MFG RM 210												PS		
LEVEL 02	ED211A	STAIR A 211												PS, DC	45 MIN	
LEVEL 02	ED211B	STAIR A 211												PS, DC	45 MIN	

**DOOR SCHEDULE GENERAL NOTES**

- SITE VERIFY ALL EXISTING DOOR AND FRAME TYPES & DIMENSIONS
- REPLACE / ADD HARDWARE AS NOTED ON EXISTING DOORS.
- PATCH & REPAIR DOOR AND FRAME AS REQ'D.

**DOOR SCHEDULE ABBREVIATIONS**

- ADO - AUTOMATIC DOOR OPERATOR
- AL - ALUMINUM
- ANO - CLEAR ANODIZED
- DB - DEADBOLT
- DC - DOOR CLOSER
- DS - DROP SEAL
- DWS - DEMOUNTABLE WALL SYSTEM
- GL - GLASS
- GLT - TEMPERED GLASS (6mm)
- HMA - HOLLOW METAL
- HO - HOLD OPEN DEVICE
- KDF - STEEL KNOCK DOWN FRAME
- LP - LADDER PULL
- LS - LOCKSET
- PLS - PRIVACY LOCK SET
- PS - PASSAGE SET
- PSF - PRESSED STEEL FRAME
- PT - PAINT
- SCW - SOLID CORE WOOD
- SKF - STEEL KNOCK-DOWN FRAME
- WD - WOOD

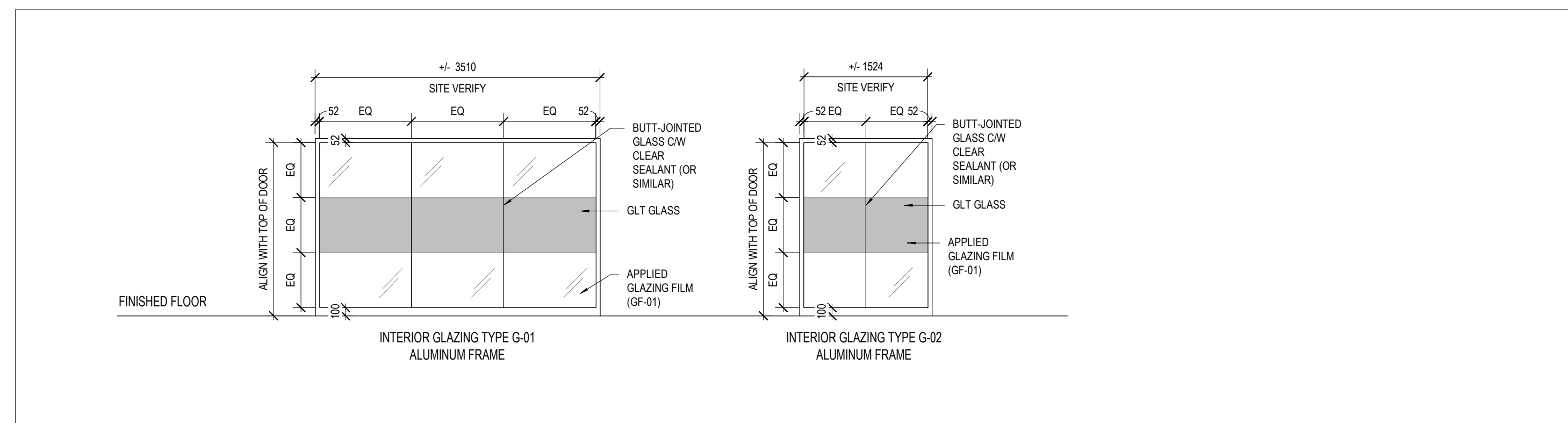
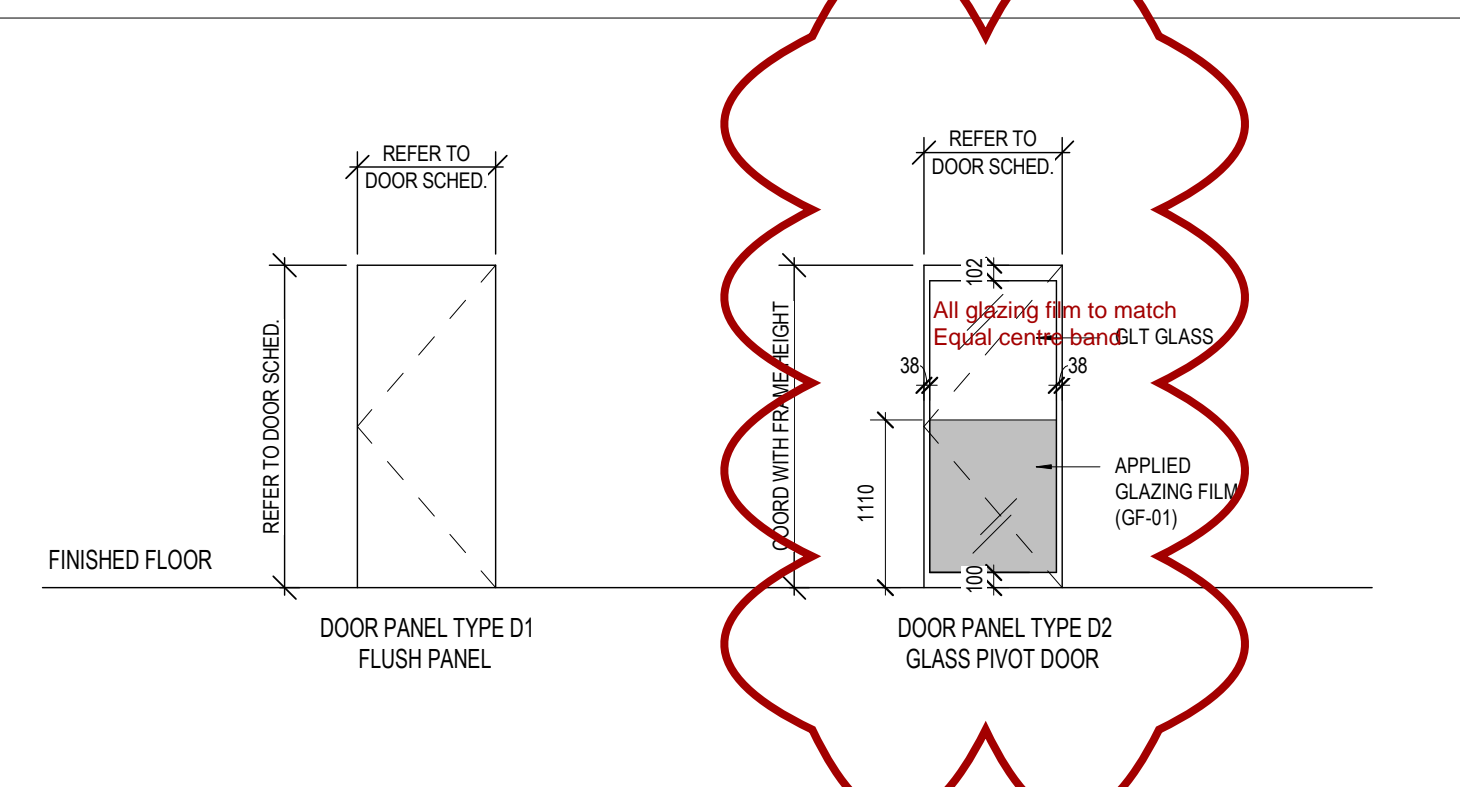
\*REFER TO MATERIALS AND FINISHES SCHED. FOR PAINT FINISHES

**DOOR SCHEDULE NOTES**

SCALE: N.T.S.

**DOOR SCHEDULE ABBREVIATIONS**

SCALE: N.T.S.

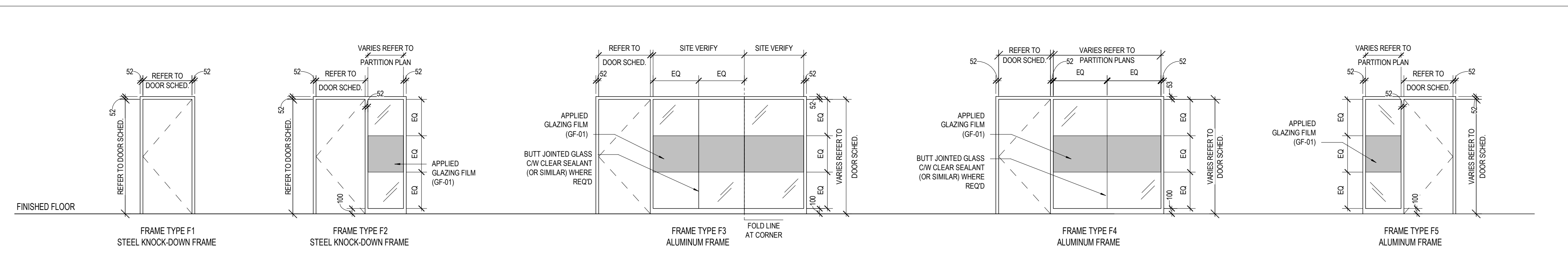


**DOOR PANEL TYPES**

SCALE: 1 : 50

**INTERIOR GLAZING TYPES**

SCALE: 1 : 50



**DOOR FRAME ELEVATIONS**

SCALE: 1 : 50

**GENERAL ARCHITECTURAL NOTES:**

- This drawing is the property of the Architect and may not be reproduced or used without the expressed consent of the Architect.
- Drawings are not to be scaled. The Contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Architect and obtain clarification prior to commencing work.
- Upon notice in writing, the Architect will provide written graphic clarification or supplementary information regarding the intent of the Contract Documents.
- The Architectural drawings are to be read in conjunction with all other Contract Documents including Project Manuals and the Structural, Mechanical and Electrical Drawings.
- Positions of exposed or finished Mechanical or Electrical devices, fittings and fixtures are indicated on the Architectural Drawings. Locations shown on the Architectural Drawings shall govern over Mechanical and Electrical Drawings. Mechanical and Electrical items not clearly located will be located as directed by the Architect.
- These documents are not to be used for construction unless specifically noted for such purpose.

5 RE-ISSUED FOR CONSTRUCTION	2020-01-29
4 ISSUED FOR CONSTRUCTION	2020-01-27
2 ISSUED FOR TENDER	2019-11-29
1 ISSUED FOR BUILDING PERMIT	2019-11-15

**ISSUE RECORD**

**project1 studio**  
Project1 Studio Incorporated  
[613.884.9339 | email@project1studio.ca]

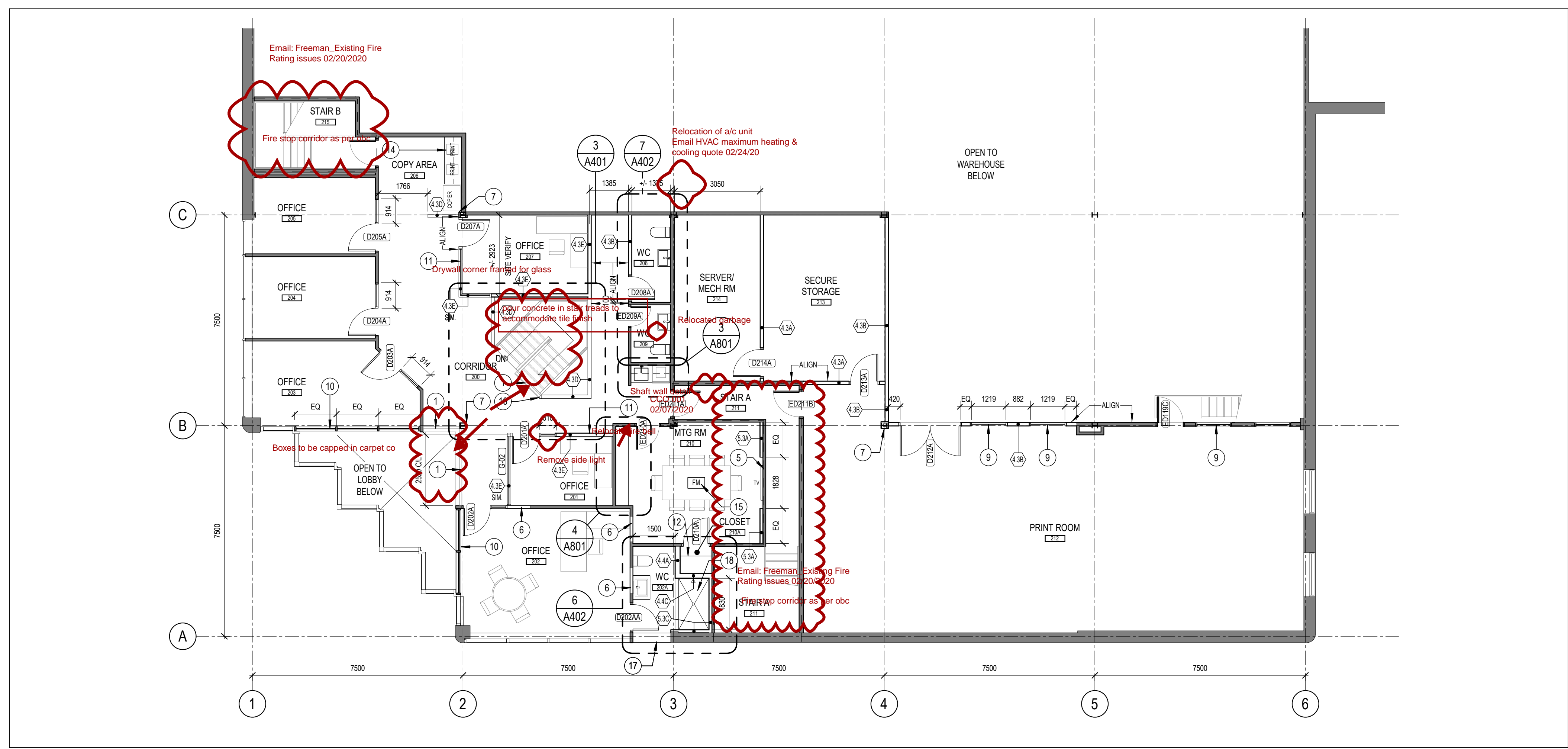
**FREEMAN FIT-UP**

2295 St.Laurent Blvd  
Ottawa ON

PROJ	SCALE	DRAWN	REVIEWED
1927	NOTED	WB	RMK

**DOOR SCHEDULE, DOOR & FRAME TYPES, MATERIALS & PRODUCT SCHEDULE**

**A003**

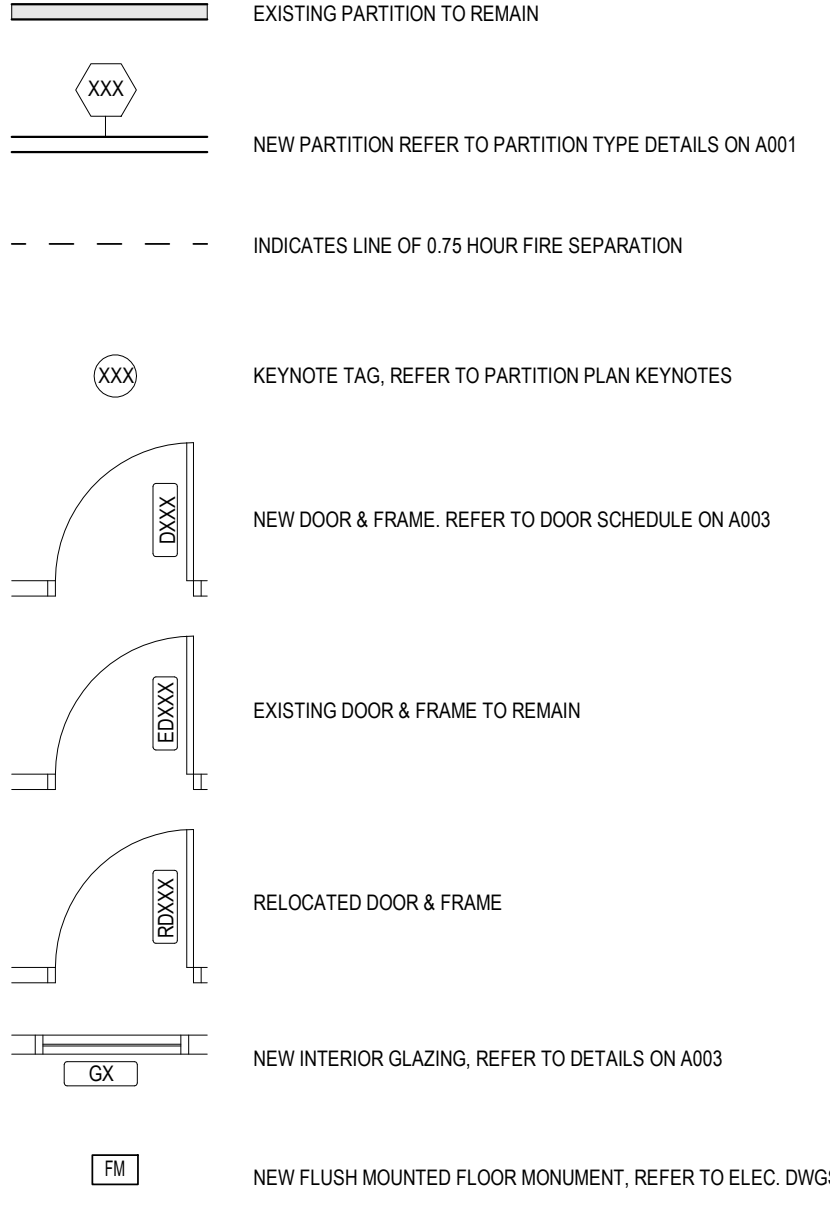


2 LEVEL 02 - PARTITION PLAN  
A101 SCALE: 1:100

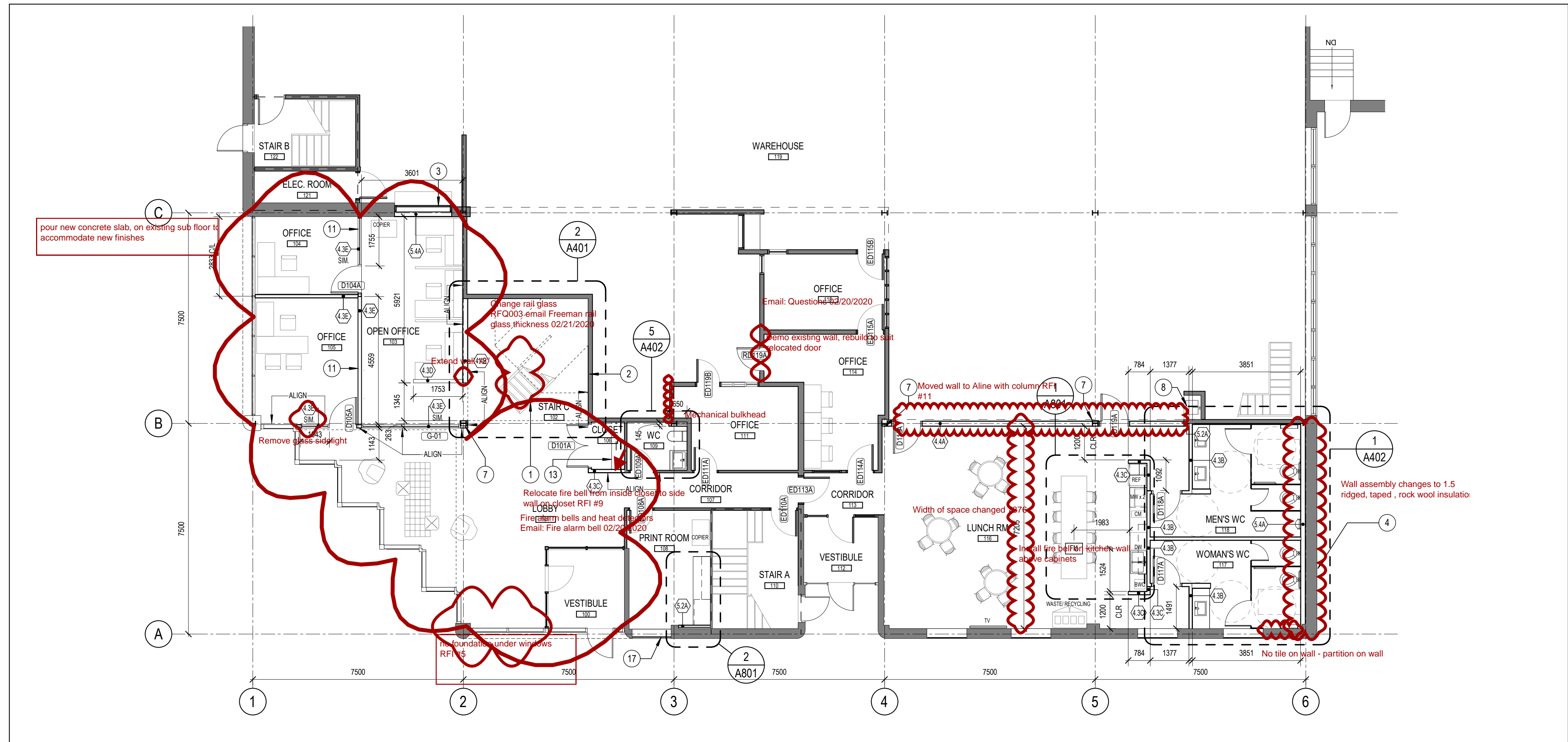
**PARTITION GENERAL NOTES**

- PARTITIONS ARE DIMENSIONED FROM FINISHED FACE OF PARTITIONS. HOLD CLEAR DIMENSIONS TO A TOLERANCE OF 3mm.
- SLAB TO SLAB PARTITIONS TO BE CONSTRUCTED TO UNDERSIDE OF METAL DECK ON ALL LEVELS.
- ALL DIMENSIONS TO THE EXTERIOR WALL ARE TO THE INSIDE FACE OF EXISTING SILL
- ALL DOORS TO BE 100mm FROM CORNER OF ROOM UNLESS OTHERWISE INDICATED. DIMENSION TO EDGE OF DOOR LEAF.
- PATCH AND REPAIR EXISTING PARTITIONS ADEQUATELY TO ACCEPT SCHEDULED FINISHES.
- PROVIDE ADEQUATE FIRE TREATED OR NON-COMBUSTIBLE BLOCKING IN PARTITIONS TO SUPPORT SHELVING, HANG RODS, MILLWORK, ACCESSORIES, FURNITURE AND OTHER ITEMS THAT ARE PART OF THIS CONTRACT.
- PROVIDE FIRESTOPPING AT ALL PENETRATIONS THROUGH FIRE SEPARATIONS. MAINTAIN THE FIRE RESISTANCE RATING OF ALL FIRE SEPARATIONS.
- REFER TO MILLWORK PLANS AND ELEVATIONS FOR ARCHITECTURAL MILLWORK FINISHES. INTERIOR OF CABINETS TO HAVE WHITE MELAMINE FINISH UNLESS OTHERWISE NOTED.
- SUBMITTALS AND SHOP DRAWINGS TO BE SUBMITTED TO CONSULTANT FOR REVIEW PRIOR TO ORDERING AND/OR MANUFACTURING.
- PROVIDE DOOR, FRAME AND HARDWARE SCHEDULES TO CONSULTANT FOR REVIEW
- PROVIDE ARCHITECTURAL WOODWORKING SHOP DRAWINGS, CABINET HARDWARE CUT SHEETS AND FINISHES SAMPLES TO CONSULTANT FOR REVIEW
- PATCH AND REPAIR GYPSUM BOARD AND INSULATION (WHERE EXISTS) AT EXISTING EXTERIOR AND INTERIOR WALLS AND COLUMNS WHICH WAS REMOVED DURING DEMOLITION TO COMPLETE EXPLORATORY WORK
- BLOCK RETURNS AND/OR TURN OFF HVAC SYSTEM DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE DUST GETTING INTO RECENTLY CLEANED DUCTS.

**PARTITION PLAN LEGEND**



GENERAL ARCHITECTURAL NOTES:  
 1. This drawing is the property of the Architect and may not be reproduced or used without the expressed consent of the Architect.  
 2. Drawings are not to be scaled. The Contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Architect and obtain clarification prior to commencing work.  
 3. Upon notice in writing, the Architect will provide written clarification or supplementary information regarding the intent of the Contract Documents.  
 4. The Architectural drawings are to be read in conjunction with all other Contract Documents including Project Manuals and the Structural, Mechanical and Electrical Drawings.  
 5. Positions of exposed or finished Mechanical or Electrical devices, fittings and fixtures are indicated on the Architectural Drawings. Locations shown on the Architectural Drawings shall govern over Mechanical and Electrical Drawings. Mechanical and Electrical items not clearly located will be located as directed by the Architect.  
 6. These documents are not to be used for construction unless specifically noted for such purpose.



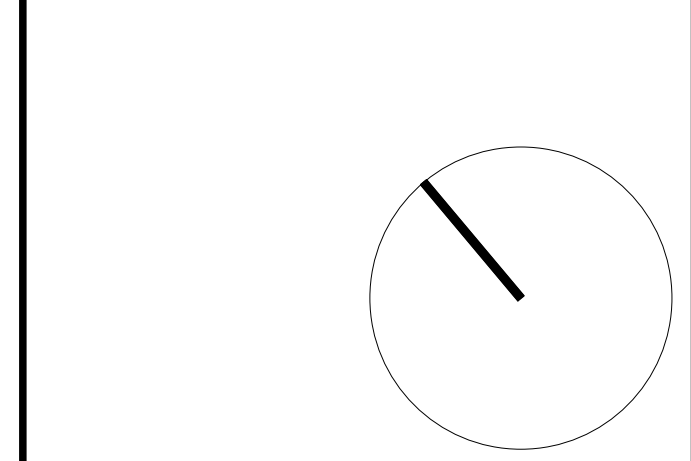
1 LEVEL 01 - PARTITION PLAN  
A101 SCALE: 1:100

- REPLACE EXISTING GLASS PANELS IN STAIR AND BALCONY GUARDS WITH NEW CLEAR HEAT STRENGTHENED LAMINATED GLASS CONFORMING TO OBC-2012 AND SUPPLEMENTAL STANDARD SB-13
- REMOVE EXISTING MECHANICAL GRILL AND RE-ROUTE DUCTWORK, REFER TO MECHANICAL DRAWINGS
- EXISTING ROLL UP DOOR TO REMAIN
- LOCATE WASHROOM EXHAUST VENT THROUGH EXTERIOR WALL, REFER TO 3.A701 AND MECHANICAL DRAWINGS
- PROVIDE FIRE RETARDANT/ NON COMBUSTIBLE BLOCKING WITHIN PARTITION FOR MOUNTING OF CLIENT SUPPLIED MONITOR. COORD HEIGHT WITH CLIENT
- PROVIDE INSULATED STEEL STUD PARTITION WALL WITH 16mm GYPSUM TO MATCH EXISTING WALL THICKNESS
- LAMINATE NEW GYPSUM ON COLUMN FLANGE AND INFILL WITH 64mm STEEL STUD FURRING PARTITION. PROVIDE FURRING TO ALIGN COLUMN COVERINGS WITH ADJACENT FINISHES AS NOTED.
- EXISTING SINK AND COUNTER TO REMAIN
- MOUNT RELOCATED WINDOWS IN NEW WALL TO MATCH HEIGHT OF EXISTING WINDOWS
- EXISTING WINDOW TO REMAIN
- STEEL STUD FRAMING SUSPENDED FROM LIS OF STRUCTURE TO SUPPORT AIR TRANSFER OPENINGS DESIGNED BY CONTRACTOR'S STRUCTURAL ENGINEER, REFER TO MECHANICAL DRAWINGS FOR LOCATION
- 4 NEW ADJUSTABLE CLOSET SHELVES WITH WHITE MELAMINE FINISH
- NEW CLOSET SHELF, WHITE MELAMINE FINISH, AND HANGER ROD
- MILLWORK BY OWNER
- COORD FINAL LOCATION OF FLOOR MONUMENT WITH CLIENT SUPPLIED FURNITURE
- MODIFY EXISTING WOOD CURB TO ALIGN WITH FACE OF ADJACENT GYP. BD. PARTITION
- LOCATE WASHROOM EXHAUST VENTS THROUGH EXTERIOR WALL TO SUIT EXISTING CONDITIONS, SIMILAR TO DETAIL 3.A701. REUSE EXISTING VENT OPENINGS WHERE POSSIBLE. COORD WITH MECHANICAL DRAWINGS
- LOCATE WASHROOM EXHAUST VENTS THROUGH EXTERIOR WALL TO SUIT EXISTING CONDITIONS, SIMILAR TO DETAIL 3.A701. REUSE EXISTING VENT OPENINGS WHERE POSSIBLE. COORD WITH MECHANICAL DRAWINGS

**KEYNOTE LEGEND**  
SCALE: N.T.S.

5	RE-ISSUED FOR CONSTRUCTION	2020-01-29
4	ISSUED FOR CONSTRUCTION	2020-01-27
2	ISSUED FOR TENDER	2019-11-29
1	ISSUED FOR BUILDING PERMIT	2019-11-15

**ISSUE RECORD**



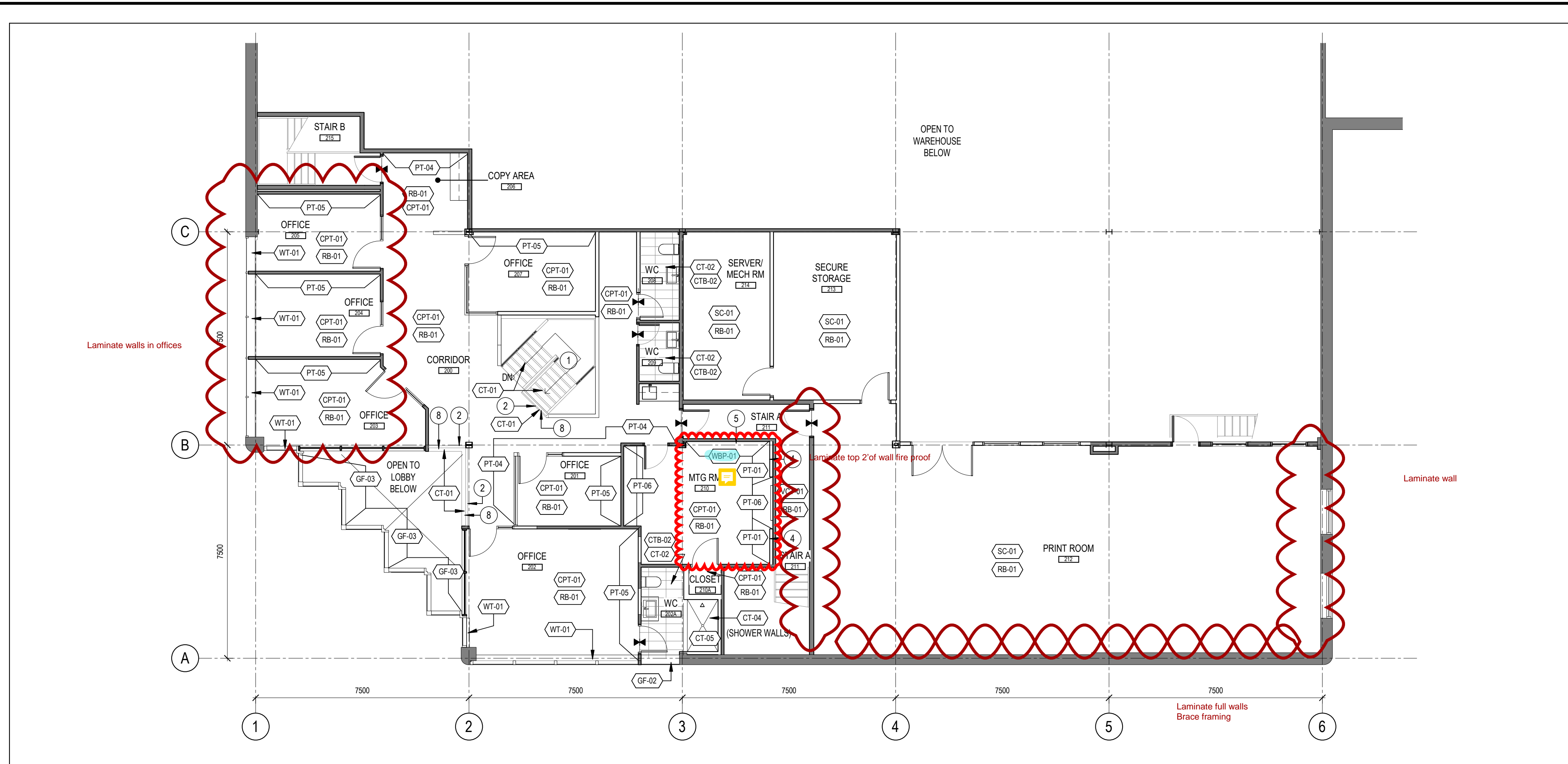
**project1 studio**  
Project1 Studio Incorporated  
1613.884.9339 | mail@project1studio.ca

**FREEMAN FIT-UP**  
2295 St.Laurent Blvd  
Ottawa ON

PROJ	SCALE	DRAWN	REVIEWED
1927	1:100	AP	RMK

**LEVEL 01 & 02 - PARTITION PLANS**

**A101**



### FINISHES GENERAL NOTES

- REFER TO MATERIALS AND PRODUCTS SCHEDULE FOR ALL FINISH SPECIFICATIONS
- PROVIDE SAMPLES AND PRODUCT DATA OF ALL FINISHES TO CONSULTANT FOR REVIEW PRIOR TO ORDERING
- FEATHER CONCRETE FLOORS WITH CONCRETE TOPPING AS REQUIRED TO BRING ADJACENT MATERIALS FLUSH.
- PROVIDE BRUSHED STAINLESS METAL TRANSITION STRIPS AT TRANSITIONS OF CERAMIC FLOOR FINISHES TO SUIT FLOORING MATERIAL THICKNESS. PROVIDE RESILIENT TRANSITION STRIPS TO MATCH RB-01 COLOUR AT ALL OTHER FLOORING TYPES (CARPET TILE, RESILIENT, CONCRETE ETC) TO SUIT FLOORING MATERIAL THICKNESS.
- ALL INTERSECTIONS OF FLOOR FINISH MATERIALS SHALL BE LOCATED DIRECTLY UNDER THE CENTER OF DOOR UNLESS OTHERWISE NOTED
- ALL FLOORING FINISHES SHALL BE INSTALLED UNDER MILLWORK CABINETS PRIOR TO INSTALLATION OF MILLWORK.
- INSTALL BEAD IF CAULKING TO MATCH FLOOR FINISH ALONG BOTTOM OF DOOR AND GLAZING FRAMES AT RESILIENT FLOORING
- PATCH AND REPAIR EXISTING SURFACES TO REMAIN TO MAKE READY FOR NEW FINISHES
- INSTALL SPECIFIED BASEBOARD AROUND ALL DRYWALL PARTITIONS.
- PAINT ALL NEW AND EXISTING WALLS PT-01 UNLESS OTHERWISE NOTED.
- PAINT ALL NEW AND EXISTING DOORS PT-04 UNLESS OTHERWISE NOTED.
- REFER TO REFLECTED CEILING PLAN FOR CEILING FINISHES

### FINISHES PLAN LEGEND

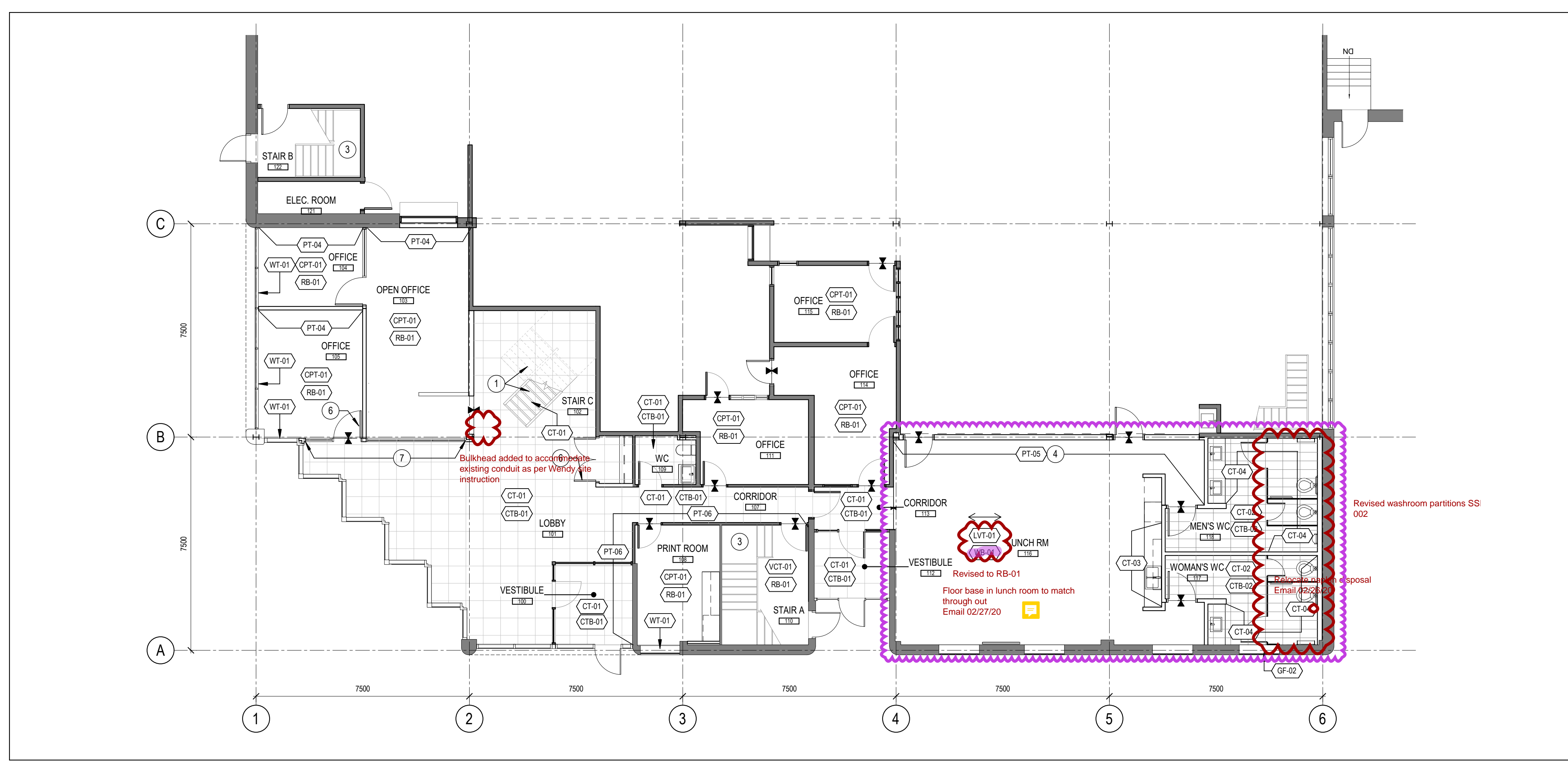
NOTE: REFER TO MATERIALS AND PRODUCTS SCHEDULE FOR ALL FINISH SPECIFICATIONS

CT-01	600 X 600mm CERAMIC TILE	GF-03	GLAZING FILM
CT-02	300 X 600mm CERAMIC TILE	CG-01	CORNER GUARD
CT-03	50 X 400mm CERAMIC TILE	WT-01	WINDOW TREATMENTS - ROLLER SHADES
CT-04	100 X 600mm CERAMIC TILE	PT-01	GENERAL PAINT FINISH
CTB-01	100 X 600mm CERAMIC TILE BASE	PT-02	CEILING PAINT FINISH
CTB-02	100 X 600mm CERAMIC TILE BASE	PT-03	ACCENT PAINT FINISH
CPT-01	460 X 915mm CARPET TILE	PT-04	ACCENT PAINT FINISH
LVT-01	152 X 1220mm LUXURY VINYL TILE	PT-05	ACCENT PAINT FINISH
VCT-01	305 X 305mm VINYL COMPOSITE TILE	PT-06	ACCENT PAINT FINISH
RB-01	102mm RESILIENT BASE	PT-07	ACCENT PAINT FINISH
WB-01	102mm WOOD BASEBOARD, PAINTED	WBP-01	WHITEBOARD PAINT FINISH
WP-01	WOOD WALL & CEILING PANELS	SC-01	SEALED CONCRETE FINISH
WP-02	WOOD WALL PANELS	XX	KEYNOTE TAG, REFER TO KEYNOTE LEGEND
GF-01	GLAZING FILM		
GF-02	GLAZING FILM		

2 LEVEL 02 - FINISHES PLAN  
A111 SCALE: 1 : 100

- PAINT GYP BD ON UNDERSIDE OF STAIR, STAIR RISERS, STRINGERS, BALUSTERS AND BRACKETS WITH PT-3 PAINT
- PAINT BALUSTERS AND BRACKETS WITH PT-3 PAINT
- EXISTING STAIR FINISH TO REMAIN
- CLIENT SUPPLIED WALL GRAPHIC TO BE INSTALLED AFTER OCCUPANCY. GYP BD PARTITION TO HAVE LEVEL 5 FINISH.
- GYP BD PARTITION TO HAVE LEVEL 5 FINISH AT WHITEBOARD PAINT
- DOOR AND FRAME FINISH TO MATCH ADJACENT WALL COLOUR IN SEMI-GLOSS FINISH
- CLIENT SUPPLIED GRAPHIC TO BE INSTALLED ON WALL AND GLASS AFTER OCCUPANCY
- INSTALL SPECIFIED CERAMIC TILE FINISH TO TOP & SIDE FACE OF EXISTING CURB. PROVIDE BRUSHED STAINLESS STEEL TILE TRIM AT EXPOSED EDGE OF TILE. INSTALL TILE AROUND EXISTING BALUSTERS OR REMOVE & REINSTALL AS REQUIRED TO INSTALL TILE

KEYNOTE LEGEND  
SCALE: N.T.S.

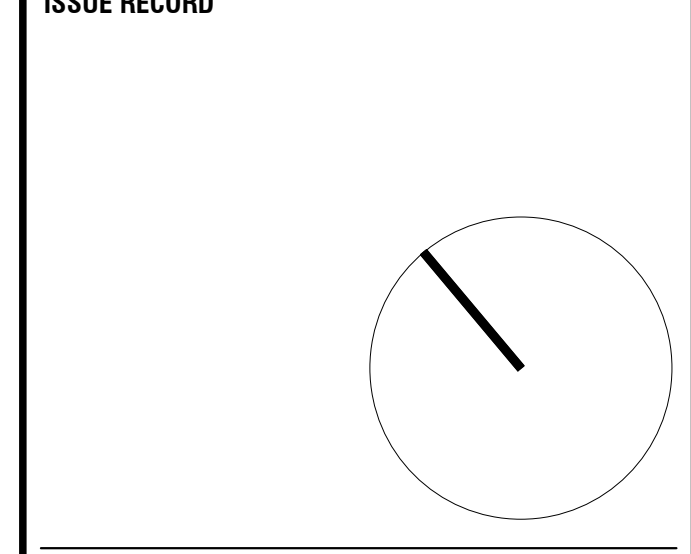


1 LEVEL 01 - FINISHES PLAN  
A111 SCALE: 1 : 100

GENERAL ARCHITECTURAL NOTES:

- This drawing is the property of the Architect and may not be reproduced or used without the expressed consent of the Architect.
- Drawings are not to be scaled. The Contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Architect and obtain clarification prior to commencing work.
- Upon notice in writing, the Architect will provide written/graphic clarification or supplementary information regarding the intent of the Contract Documents.
- The Architectural drawings are to be read in conjunction with all other Contract Documents including Project Manuals and the Structural, Mechanical and Electrical Drawings.
- Positions of exposed or finished Mechanical or Electrical devices, fittings and fixtures are indicated on the Architectural Drawings. Locations shown on the Architectural Drawings shall govern over Mechanical and Electrical Drawings. Mechanical and Electrical items not clearly located will be located as directed by the Architect.
- These documents are not to be used for construction unless specifically noted for such purpose.

5	RE-ISSUED FOR CONSTRUCTION	2020-01-29
4	ISSUED FOR CONSTRUCTION	2020-01-27
2	ISSUED FOR TENDER	2019-11-29
1	ISSUED FOR BUILDING PERMIT	2019-11-15



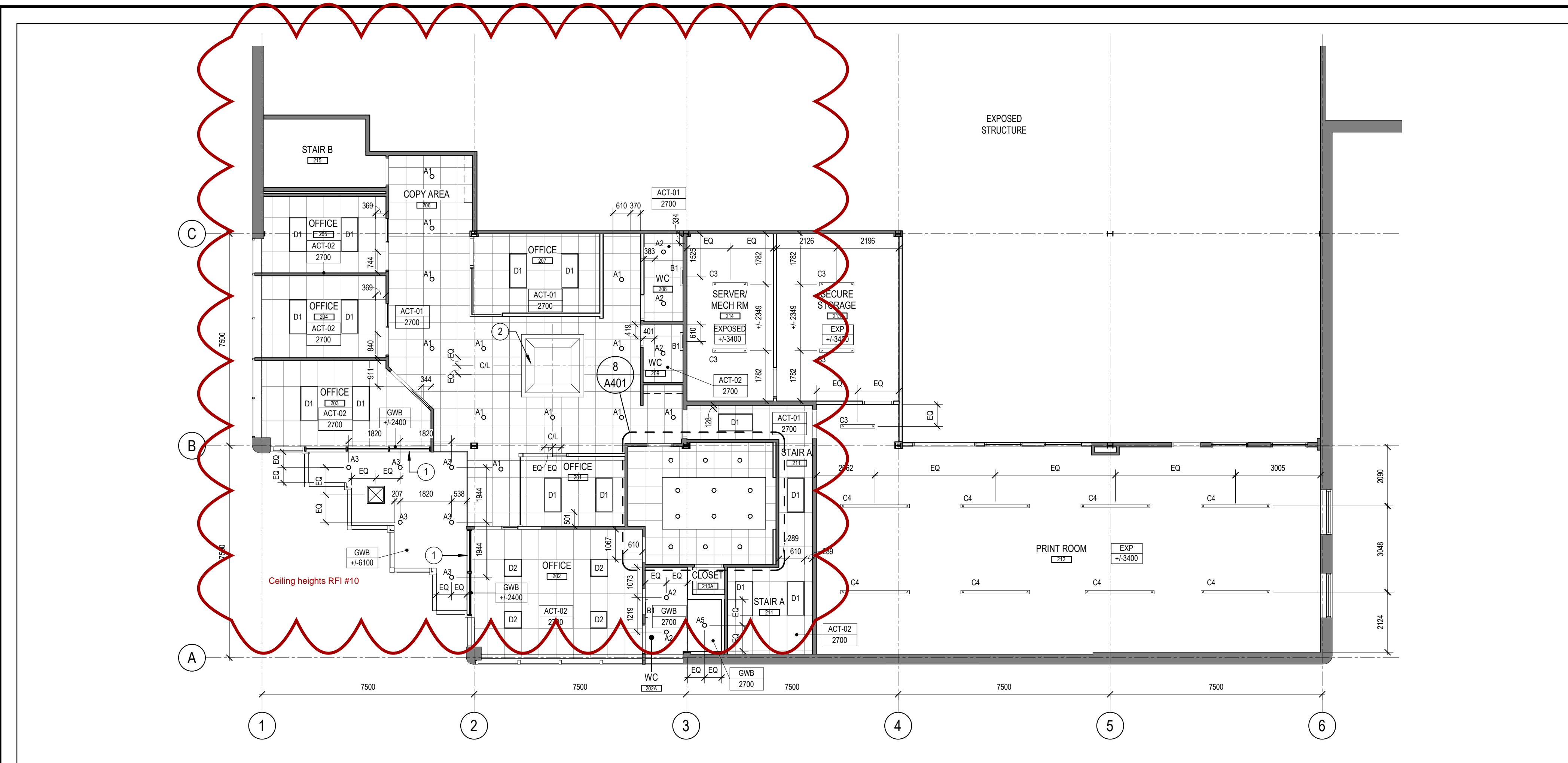
**project1 studio**  
Project1 Studio Incorporated  
[613.884.9339 | mail@project1studio.ca]

**FREEMAN FIT-UP**  
2295 St.Laurent Blvd  
Ottawa ON

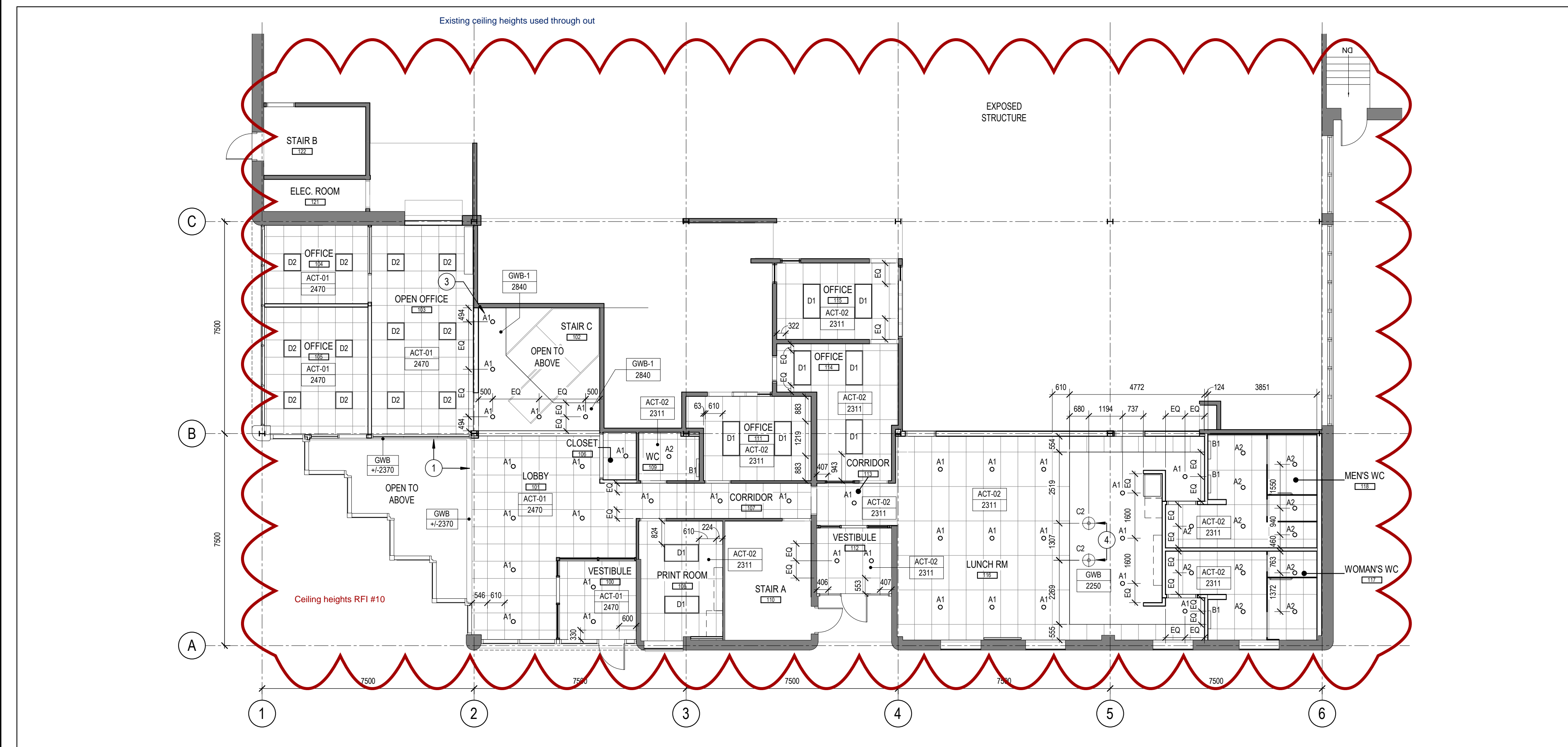
PROJ	SCALE	DRAWN	REVIEWED
1927	1 : 100	WB	RMK

LEVEL 01 & 02 - FINISHES PLANS

**A111**



**2 LEVEL 02 - REFLECTED CEILING PLAN**  
SCALE: 1 : 100



**1 LEVEL 01 - REFLECTED CEILING PLAN**  
SCALE: 1 : 100

**GENERAL REFLECTED CEILING NOTES**

- THIS DRAWING IS NOT INTENDED TO INDICATE THE COMPLETE SCOPE OF MECHANICAL AND ELECTRICAL WORK. REFER TO MECHANICAL AND ELECTRICAL ENGINEERS' DRAWINGS FOR COMPLETE SPECIFICATIONS, INCLUDING COLOUR AND FINISHES OF DEVICES AND COVER PLATES. REPORT ANY DISCREPANCIES BETWEEN THIS DRAWING AND THE ENGINEERS' DRAWINGS TO THE CONSULTANT IMMEDIATELY.
- ADVISE CONSULTANT IMMEDIATELY UPON DISCOVERY OF INTERFERENCE WITH STRUCTURAL MEMBERS, DUCTS, PIPES, OR OTHER BUILDING SERVICES THAT WILL AFFECT LAYOUT AS INDICATED ON DRAWINGS. ADJUST LOCATIONS AS REQUIRED AND AGREED TO BY CONSULTANT.
- DIMENSIONS ARE TO THE CENTERLINE OF FIXTURES UNLESS OTHERWISE NOTED.
- RECESSED FIXTURES AND SPRINKLER HEADS LOCATED IN CEILING TILE ARE TO BE CENTERED ON TILE UNLESS DIMENSIONED OTHERWISE.
- REVIEW LOCATIONS OF ALL ACCESS PANELS WITH CONSULTANT. ADJUST LOCATIONS AS REQUIRED BASED ON REVIEW.
- PAINT ALL BASE BUILDING GYPSUM BOARD SURFACES ON PERIMETER SOFFITS AND BULKHEADS TO MATCH THE ROOM OR AREA THEY ARE PART OF UNLESS OTHERWISE NOTED.
- PAINT ALL COVES AND RECESSES IN GYPSUM BOARD CEILINGS TO MATCH ADJACENT WALLS UNLESS OTHERWISE NOTED.
- PROVIDE CUT SHEETS LIGHT FIXTURES TO CONSULTANT FOR REVIEW PRIOR TO ORDERING
- PROVIDE SAMPLES AND PRODUCT DATA OF CEILING FINISHES TO CONSULTANT FOR REVIEW PRIOR TO ORDERING

**REFLECTED CEILING LEGEND - CEILING AND LIGHTING TYPES**

NOTE: REFER TO MATERIALS AND FINISHES SCHEDULE FOR FINISH SPECIFICATIONS  
REFER TO LIGHT FIXTURE SCHEDULE & ELEC DWGS FOR LIGHT FIXTURE SPECIFICATIONS

	CEILING TAG - TYPE & HEIGHT AS NOTED	A1	RECESSED DOWN LIGHT
	KEYNOTE TAG, REFER TO KEYNOTE LEGEND	A2	RECESSED DOWN LIGHT
	GYPSUM BOARD CEILING PAINTED PT-02 UNLESS OTHERWISE NOTED	A3	RECESSED DOWN LIGHT
	610 X 610mm ACOUSTICAL CEILING TILE SYSTEM	A4	RECESSED LINEAR FIXTURE
	610 X 1220mm ACOUSTICAL CEILING TILE SYSTEM	A5	WET RATED RECESSED DOWN LIGHT
	WOOD PANELS	B1	WALL MOUNTED VANITY FIXTURE
	EXPOSED STRUCTURE ABOVE	C1	SUSPENDED PENDANT FIXTURE
	CEILING DIFFUSER IN GYP BD CEILING, COORD WITH MECH DWGS	C2	SUSPENDED PENDANT FIXTURE
		C3	1219mm SUSPENDED LINEAR FIXTURE
		C4	2438mm SUSPENDED LINEAR FIXTURE
		D1	610 X 1220mm RECESSED TROFFER
		D2	610 X 610mm RECESSED TROFFER

- PAINT UNDERSIDE AND FACE OF EXISTING BULKHEAD PT-01
- PAINT EXISTING BULKHEAD AT SKYLIGHT PT-02
- ANGLE OF WOOD PANEL CEILING TO MATCH ANGLE OF WOOD PLATFORM BELOW  
*Wood panel ceiling removed from contract*
- BOTTOM OF PENDANT LIGHTS TO BE AT 1676mm ABOVE FLOOR FINISH

**KEYNOTE LEGEND**  
SCALE: N.T.S.

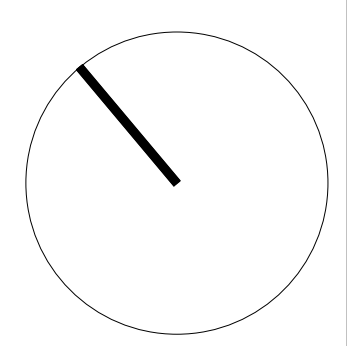


**GENERAL ARCHITECTURAL NOTES:**

- This drawing is the property of the Architect and may not be reproduced or used without the expressed consent of the Architect.
- Drawings are not to be scaled. The Contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Architect and obtain clarification prior to commencing work.
- Upon notice in writing, the Architect will provide written clarification or supplementary information regarding the intent of the Contract Documents.
- The Architectural drawings are to be read in conjunction with all other Contract Documents including Project Manuals and the Structural, Mechanical and Electrical Drawings.
- Positions of exposed or finished Mechanical or Electrical devices, fittings and fixtures are indicated on the Architectural Drawings. Locations shown on the Architectural Drawings shall govern over Mechanical and Electrical Drawings. Mechanical and Electrical items not clearly located will be located as directed by the Architect.
- These documents are not to be used for construction unless specifically noted for such purpose.

5	RE-ISSUED FOR CONSTRUCTION	2020-01-29
4	ISSUED FOR CONSTRUCTION	2020-01-27
2	ISSUED FOR TENDER	2019-11-29
1	ISSUED FOR BUILDING PERMIT	2019-11-15

**ISSUE RECORD**



**project1 studio**

Project1 Studio Incorporated  
[613.884.9339 | mail@project1studio.ca

**FREEMAN FIT-UP**

2295 St.Laurent Blvd  
Ottawa ON

PROJ	SCALE	DRAWN	REVIEWED
1927	NOTED	WB/AP	RMK

**LEVEL 01 & 02 - REFLECTED CEILING PLANS**

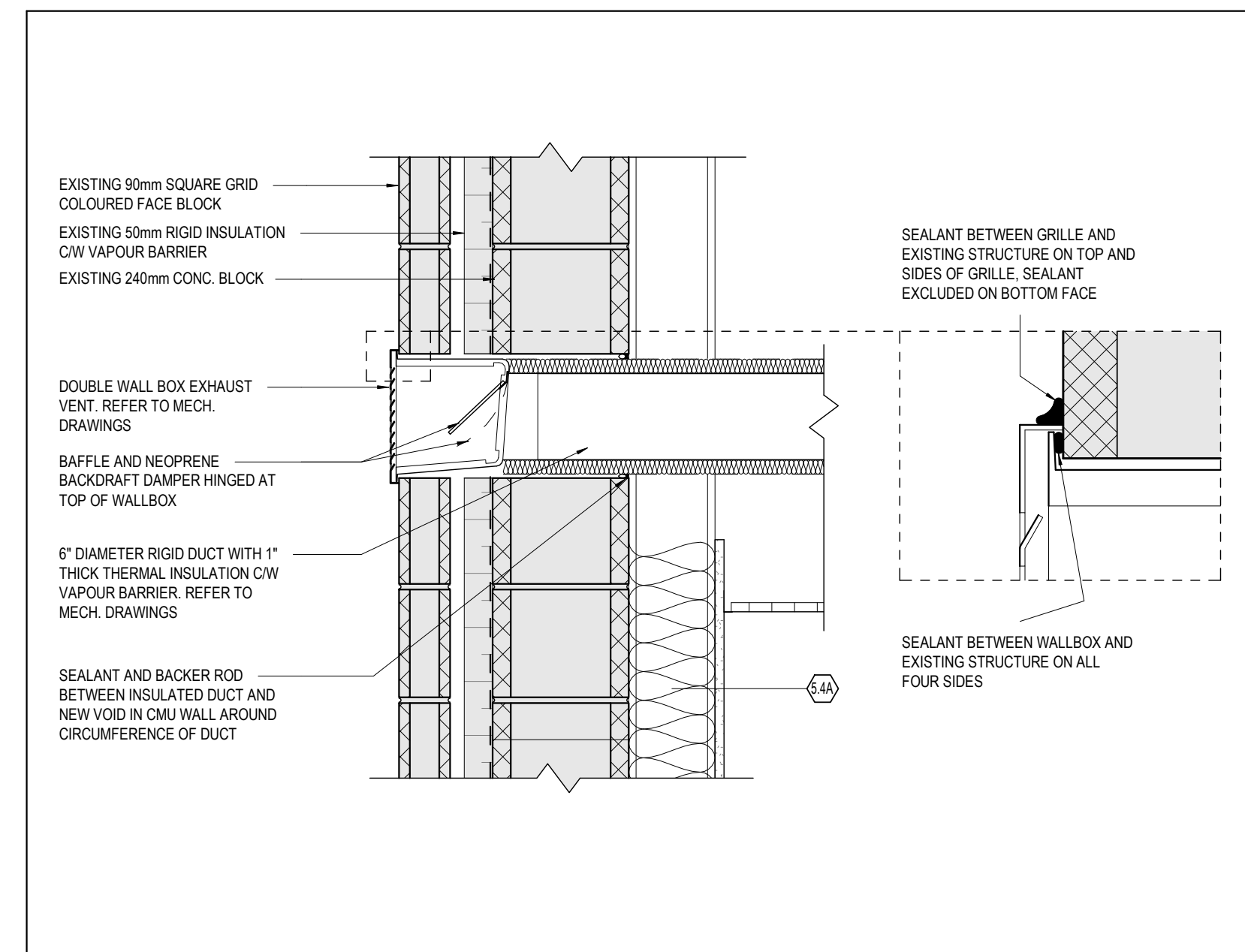
**A151**



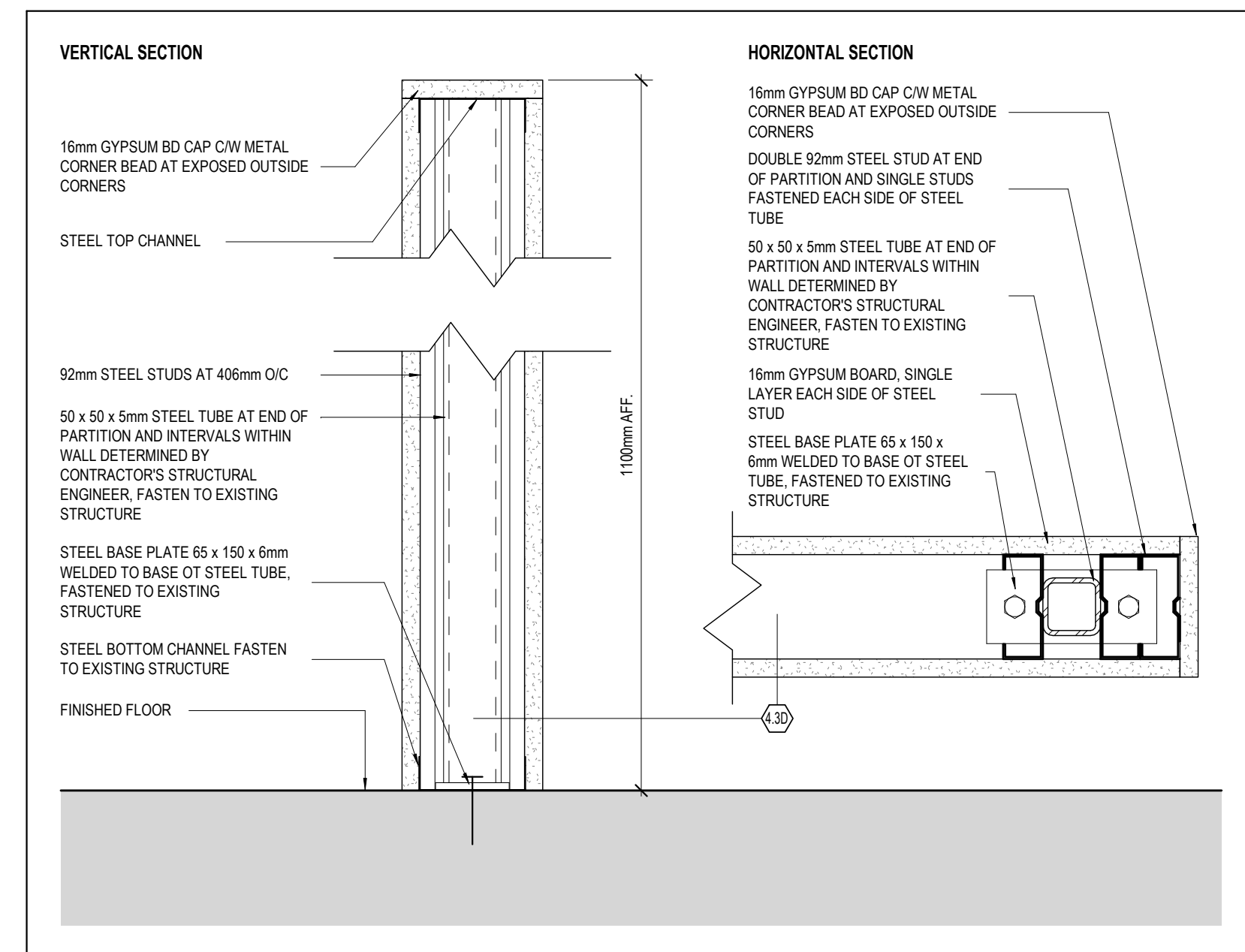




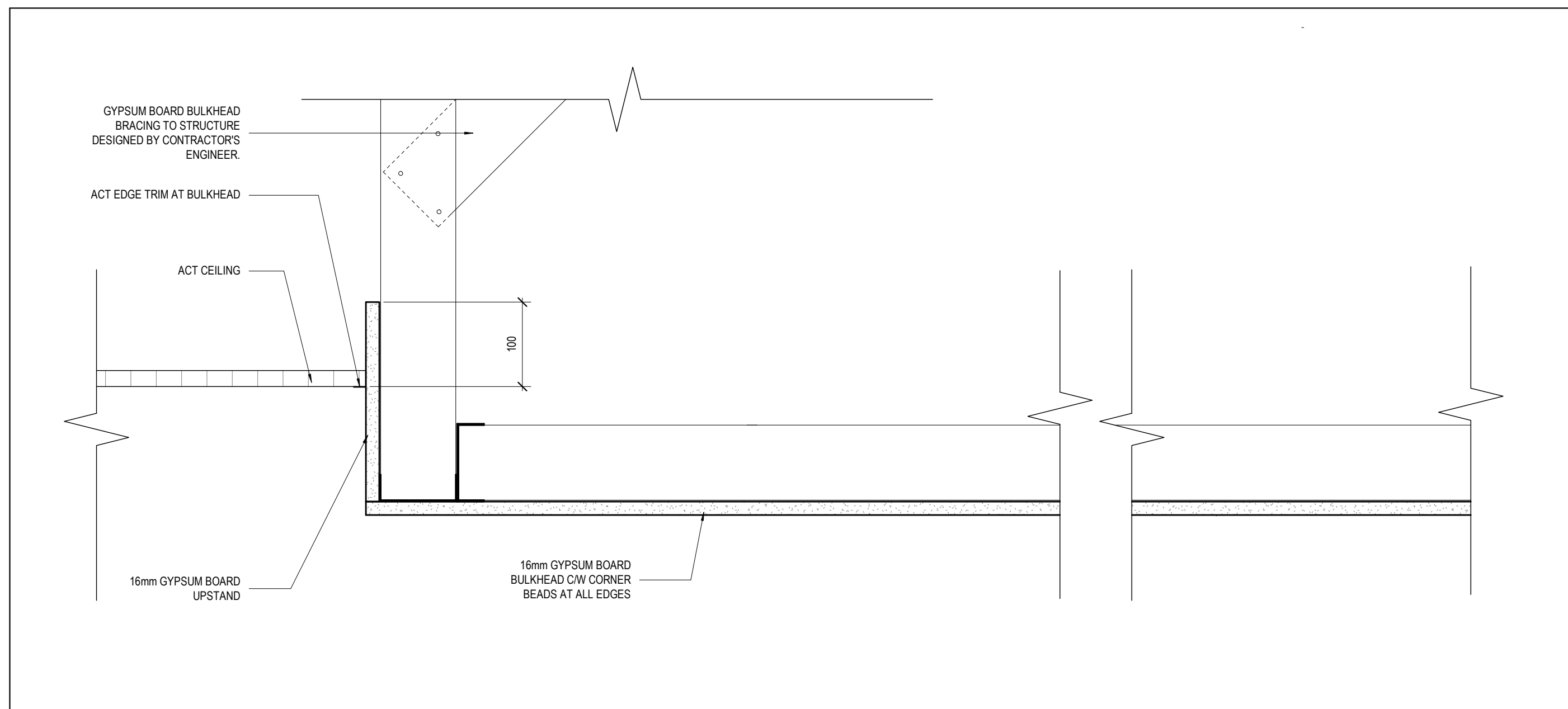
GENERAL ARCHITECTURAL NOTES:  
 1. This drawing is the property of the Architect and may not be reproduced or used without the expressed consent of the Architect.  
 2. Drawings are not to be scaled. The Contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Architect and obtain clarification prior to commencing work.  
 3. Upon notice in writing, the Architect will provide written graphic clarification or supplementary information regarding the intent of the Contract Documents.  
 4. The Architectural drawings are to be read in conjunction with all other Contract Documents including Project Manuals and the Structural, Mechanical and Electrical Drawings.  
 5. Positions of exposed or finished Mechanical or Electrical devices, fittings and fixtures are indicated on the Architectural Drawings. Locations shown on the Architectural Drawings shall govern over Mechanical and Electrical Drawings. Mechanical and Electrical items not clearly located will be located as directed by the Architect.  
 6. These documents are not to be used for construction unless specifically noted for such purpose.



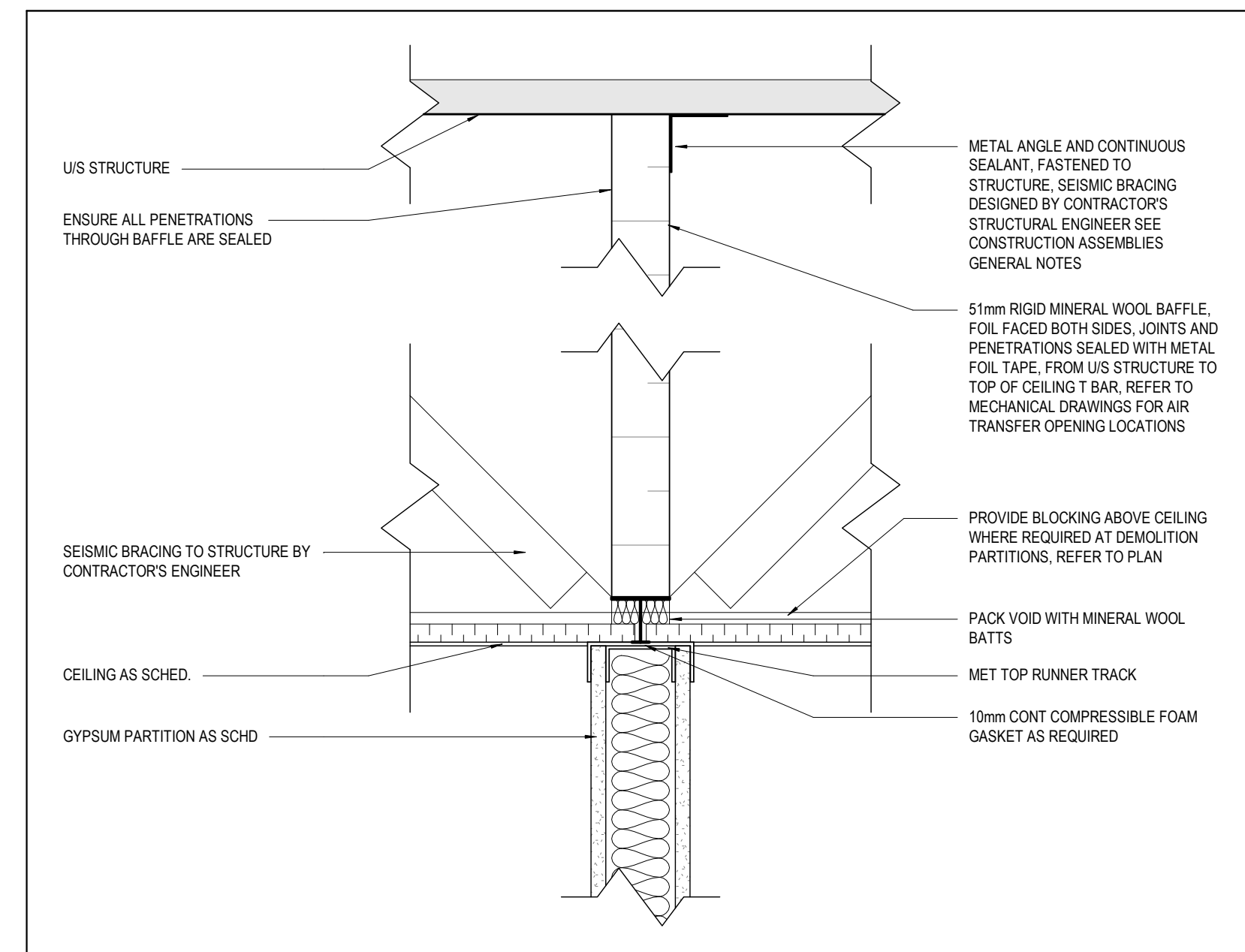
**3 WC VENT PENETRATION THROUGH EXTERIOR WALL**  
 SCALE: 1 : 10



**2 SECTION DETAILS AT LOW HEIGHT PARTITION 4.1D**  
 SCALE: 1 : 5



**4 SECTION DETAIL AT MTG RM BULKHEAD**  
 SCALE: 1 : 5



**1 PARTITION TYPE 3.4E DETAIL AT CEILING**  
 SCALE: 1 : 5

5	RE-ISSUED FOR CONSTRUCTION	2020-01-29
4	ISSUED FOR CONSTRUCTION	2020-01-27
2	ISSUED FOR TENDER	2019-11-29
1	ISSUED FOR BUILDING PERMIT	2019-11-15

**ISSUE RECORD**

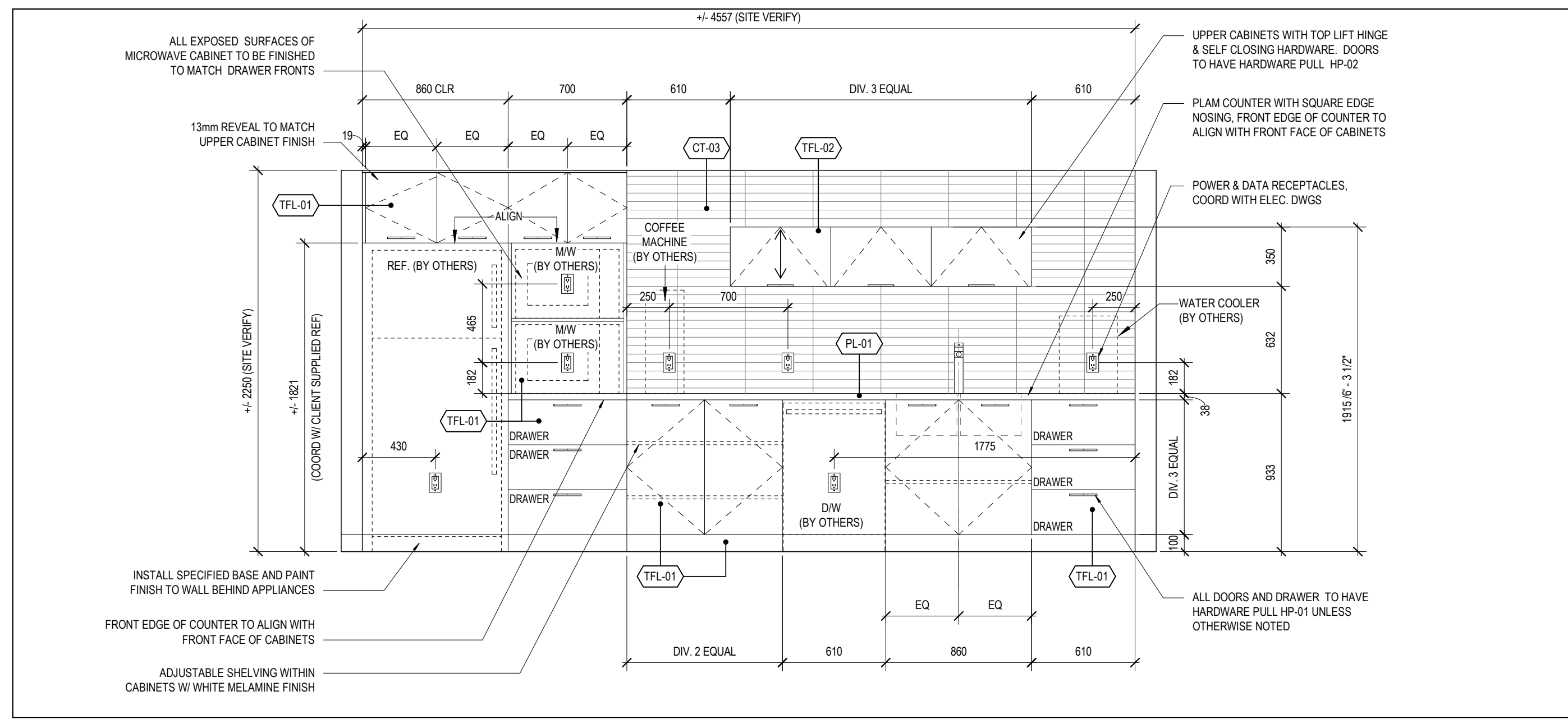
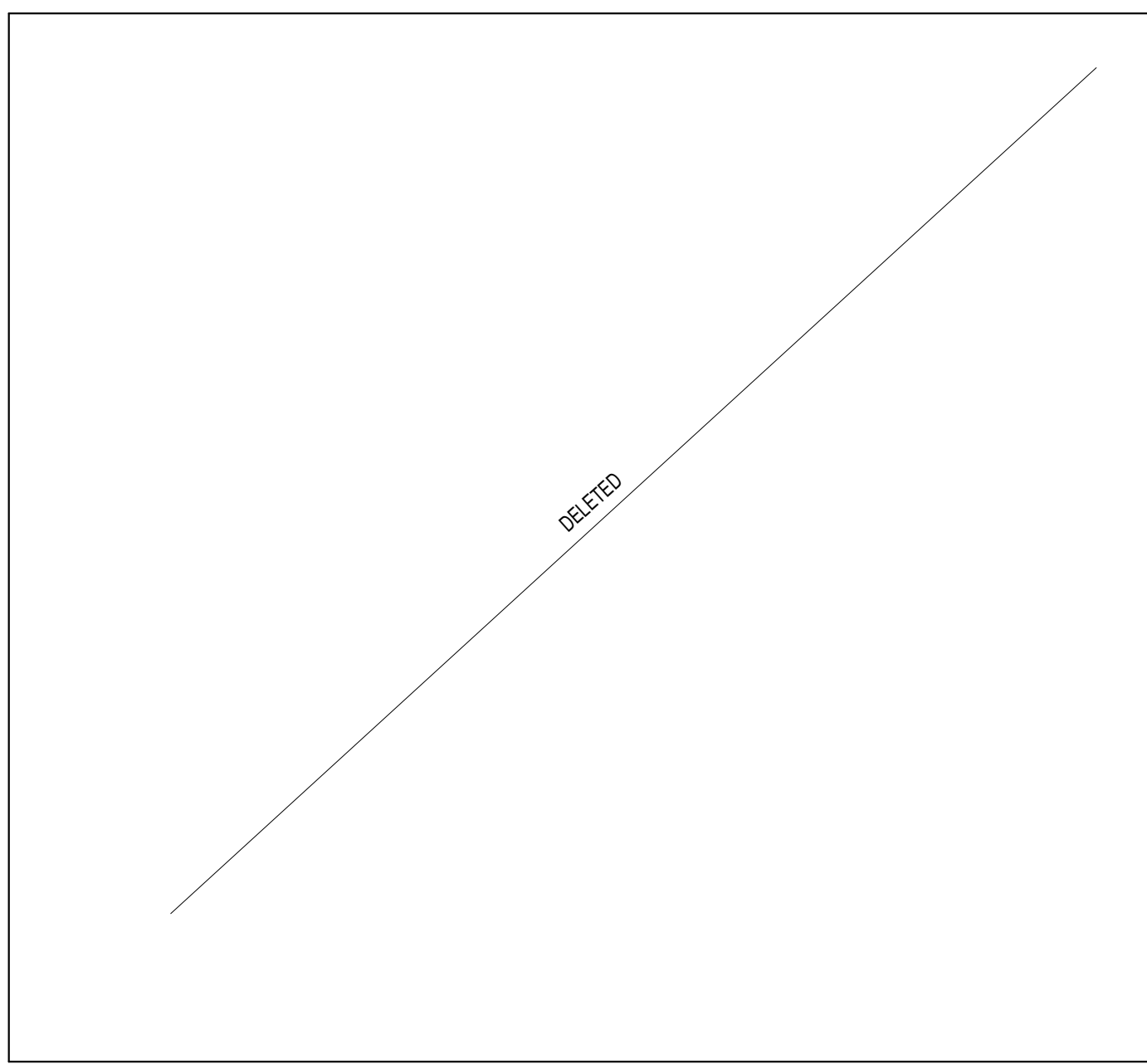
**project1 studio**  
 Project1 Studio Incorporated  
 (613.884.9339 | mail@project1studio.ca)

**FREEMAN FIT-UP**  
 2295 St.Laurent Blvd  
 Ottawa ON

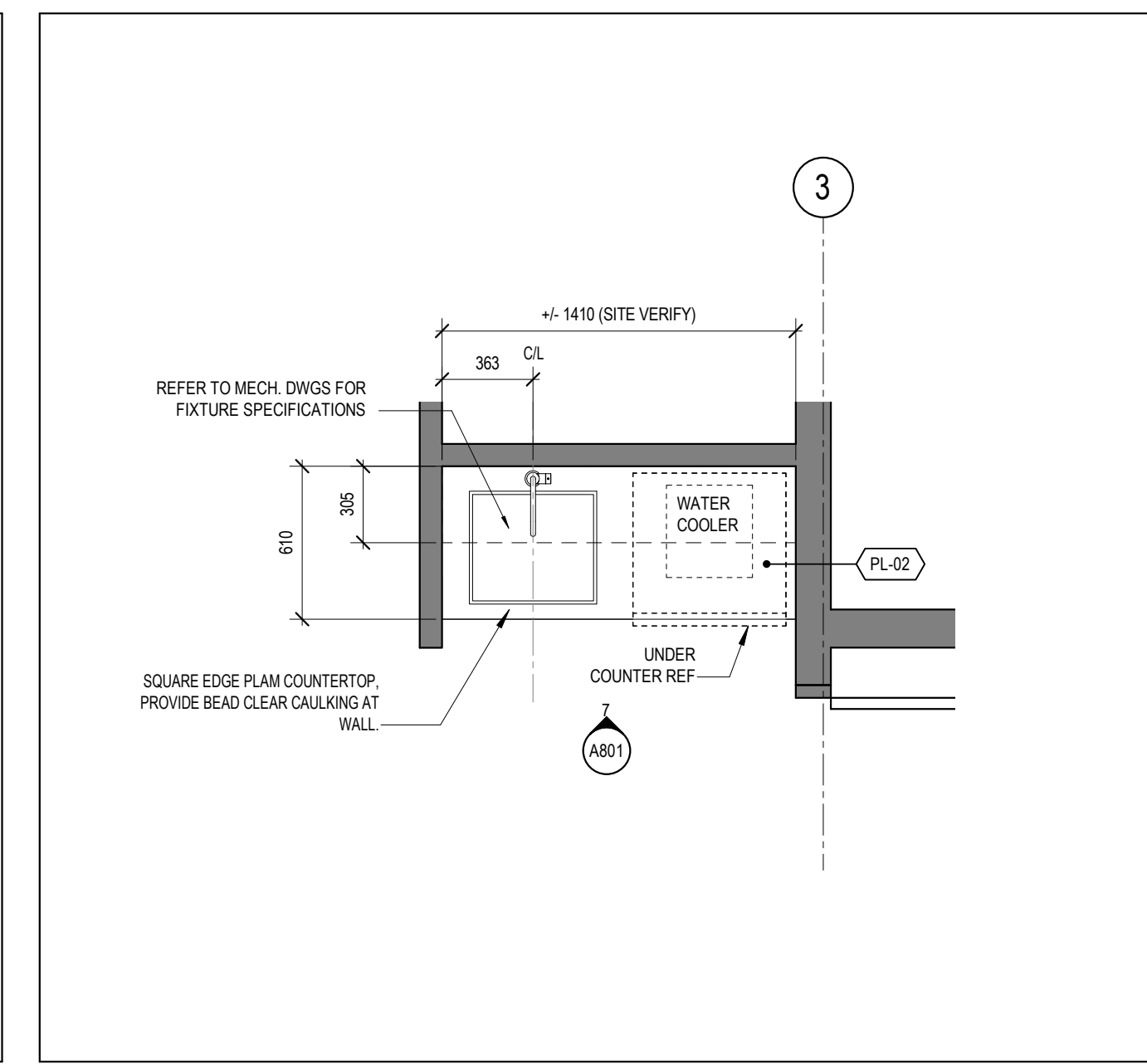
PROJ	SCALE	DRAWN	REVIEWED
1927	NOTED	AP/ WB	RMK

**INTERIOR DETAILS**

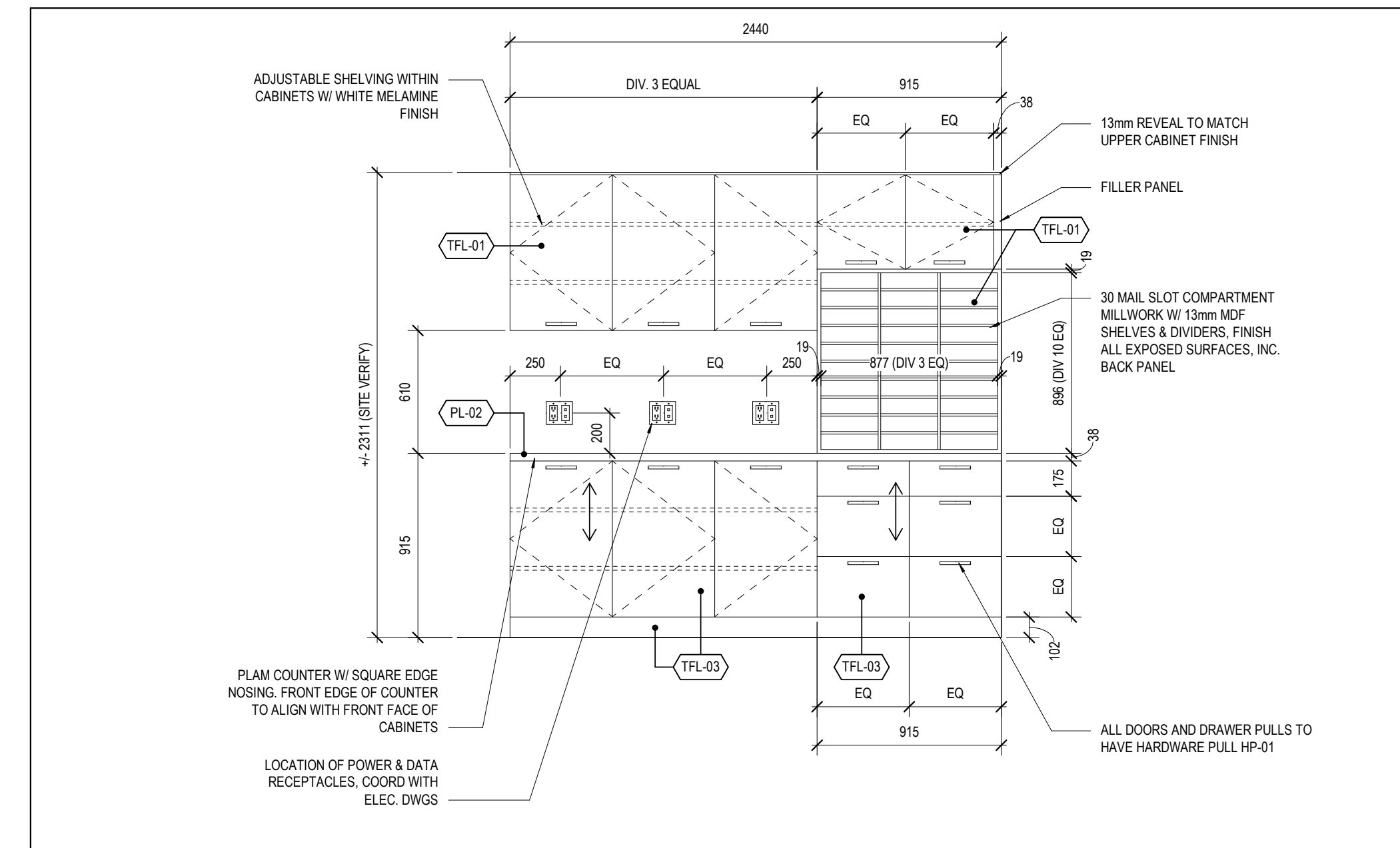
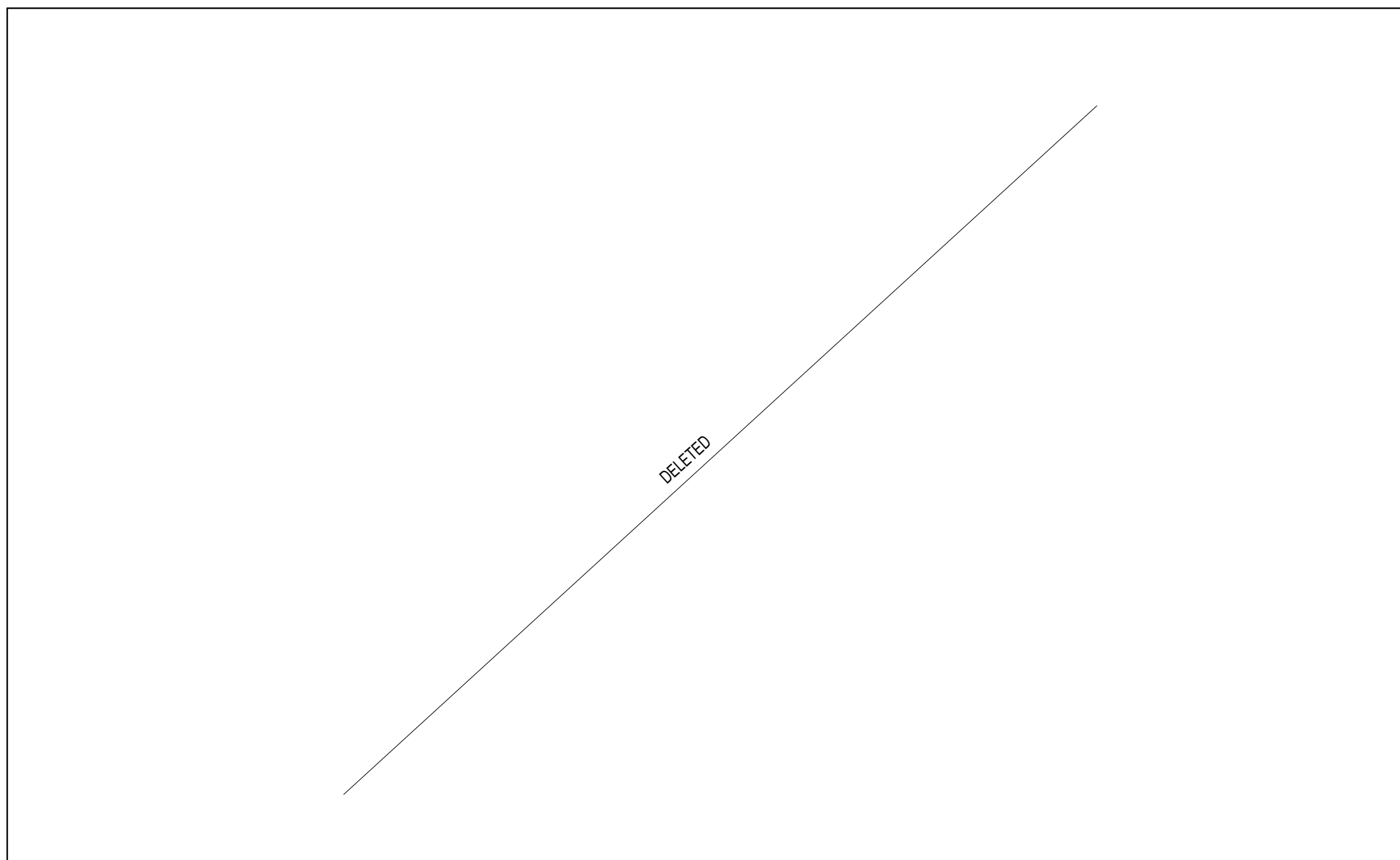
**A701**



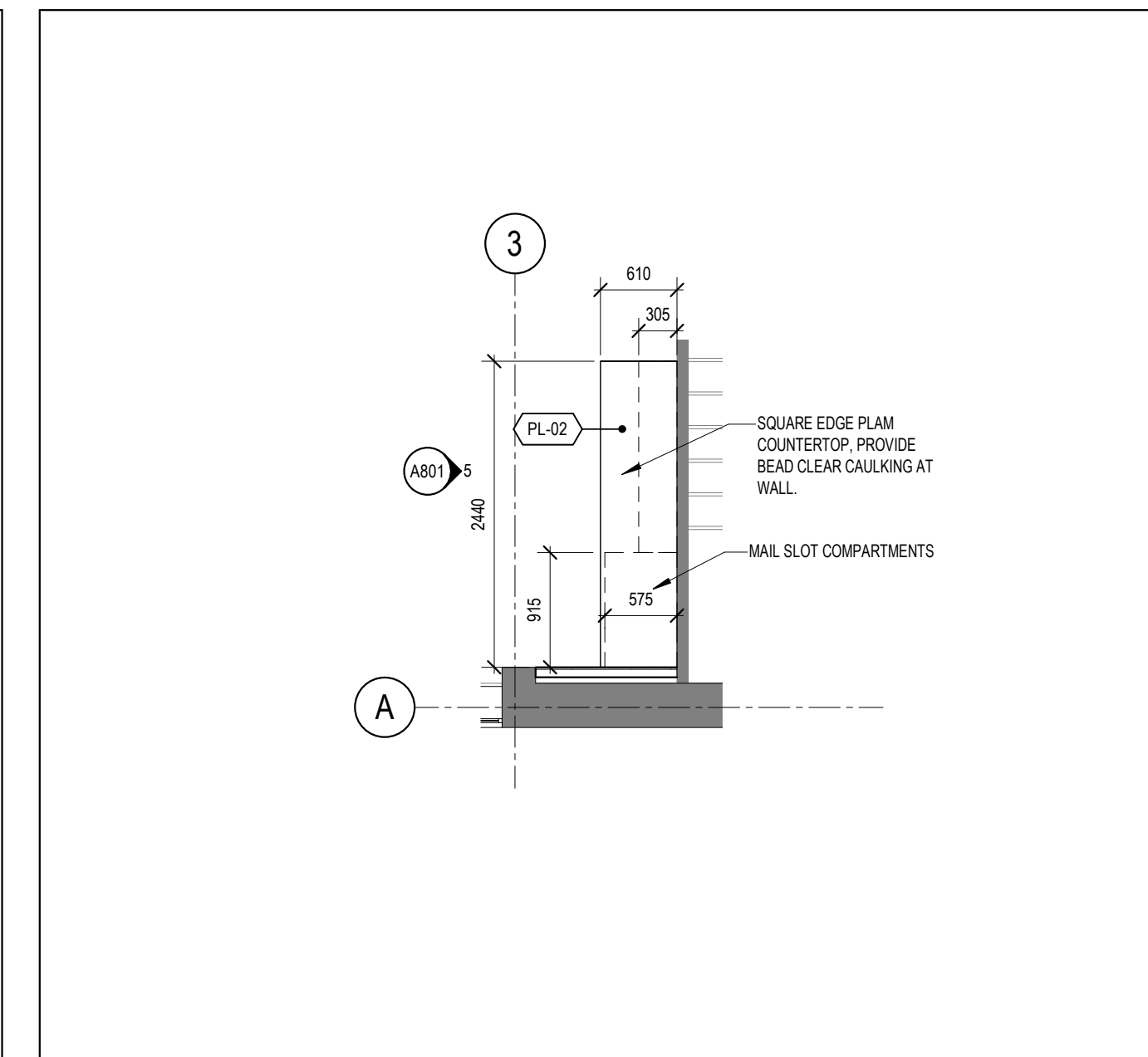
**6 LUNCH ROOM 116 MILLWORK - EAST ELEV**  
 SCALE: 1 : 25



**3 LEVEL 02 - CORR. 200 MILLWORK ENLARGED PLAN**  
 SCALE: 1 : 25



**5 PRINT ROOM 106 MILLWORK - EAST ELEV**  
 SCALE: 1 : 25

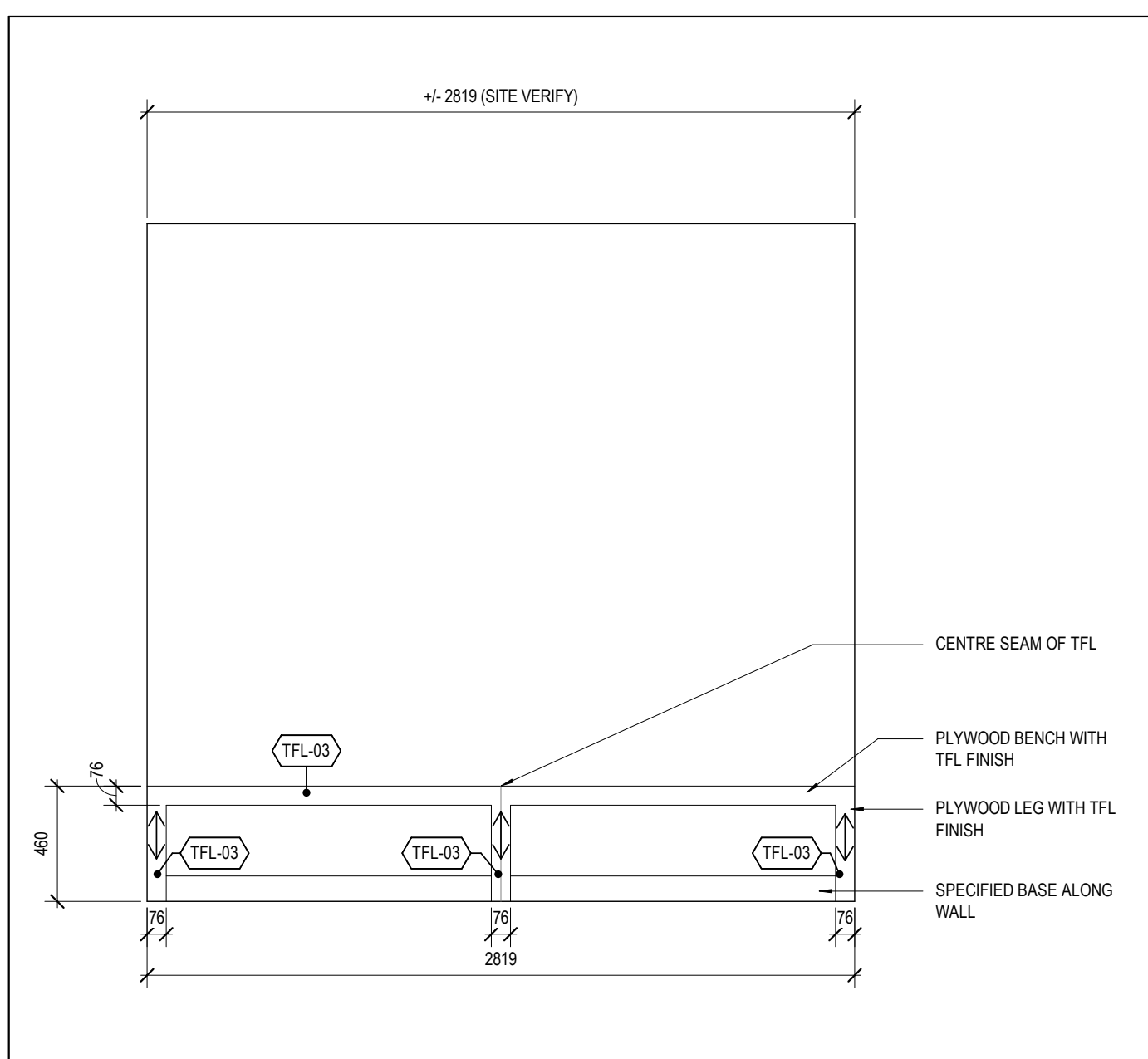


**2 LEVEL 01 - PRINT RM 106 MILLWORK ENLARGED PLAN**  
 SCALE: 1 : 50

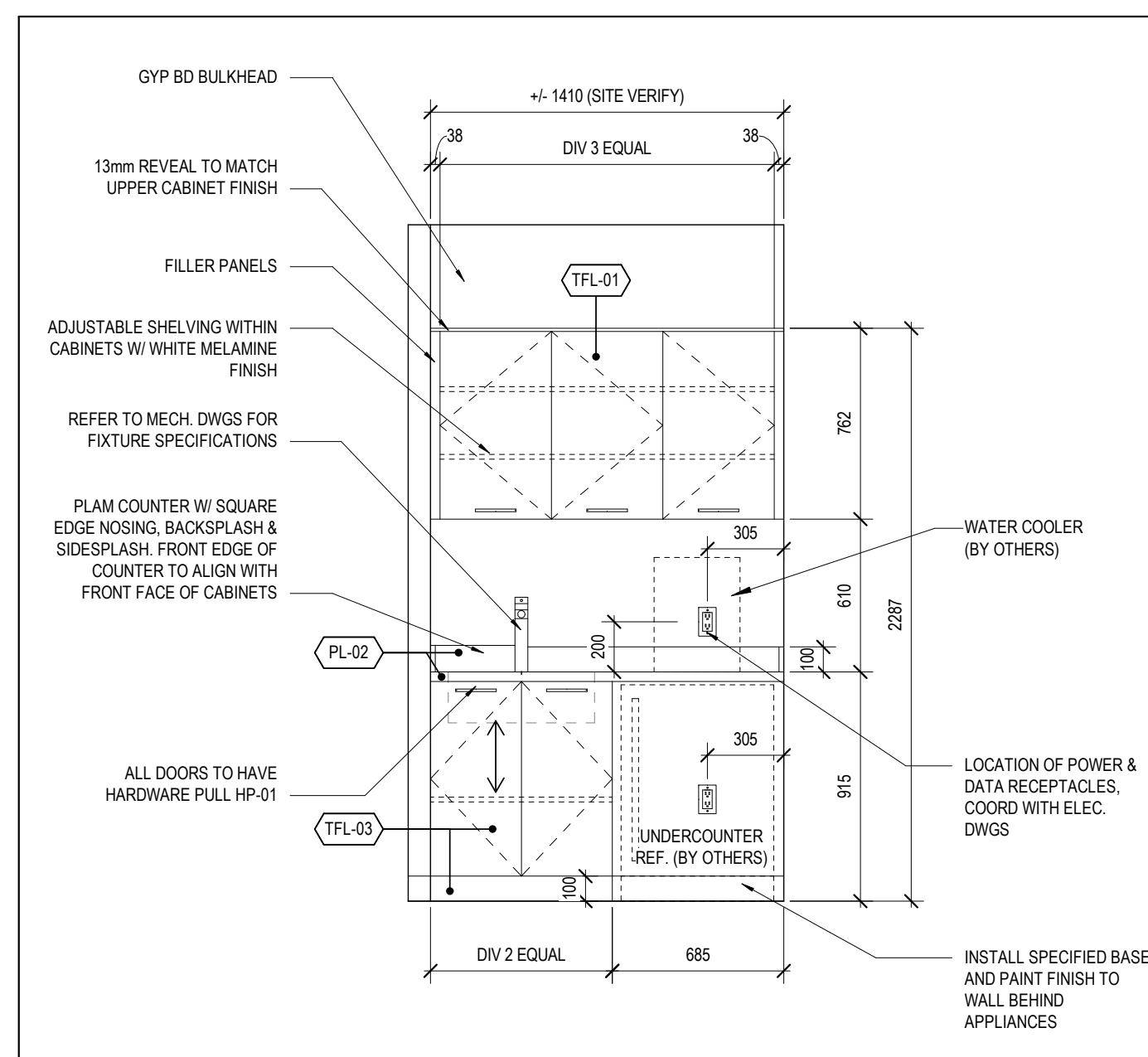
GENERAL ARCHITECTURAL NOTES:  
 1. This drawing is the property of the Architect and may not be reproduced or used without the expressed consent of the Architect.  
 2. Drawings are not to be scaled. The Contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Architect and obtain clarification prior to commencing work.  
 3. Upon notice in writing, the Architect will provide written graphic clarification or supplementary information regarding the intent of the Contract Documents.  
 4. The Architectural drawings are to be read in conjunction with all other Contract Documents including Project Manuals and the Structural, Mechanical and Electrical Drawings.  
 5. Positions of exposed or finished Mechanical or Electrical devices, fittings and fixtures are indicated on the Architectural Drawings. Locations shown on the Architectural Drawings shall govern over Mechanical and Electrical Drawings. Mechanical and Electrical items not clearly located will be located as directed by the Architect.  
 6. These documents are not to be used for construction unless specifically noted for such purpose.

ISSUE	DATE
5 RE-ISSUED FOR CONSTRUCTION	2020-01-29
4 ISSUED FOR CONSTRUCTION	2020-01-27
2 ISSUED FOR TENDER	2019-11-29
1 ISSUED FOR BUILDING PERMIT	2019-11-15

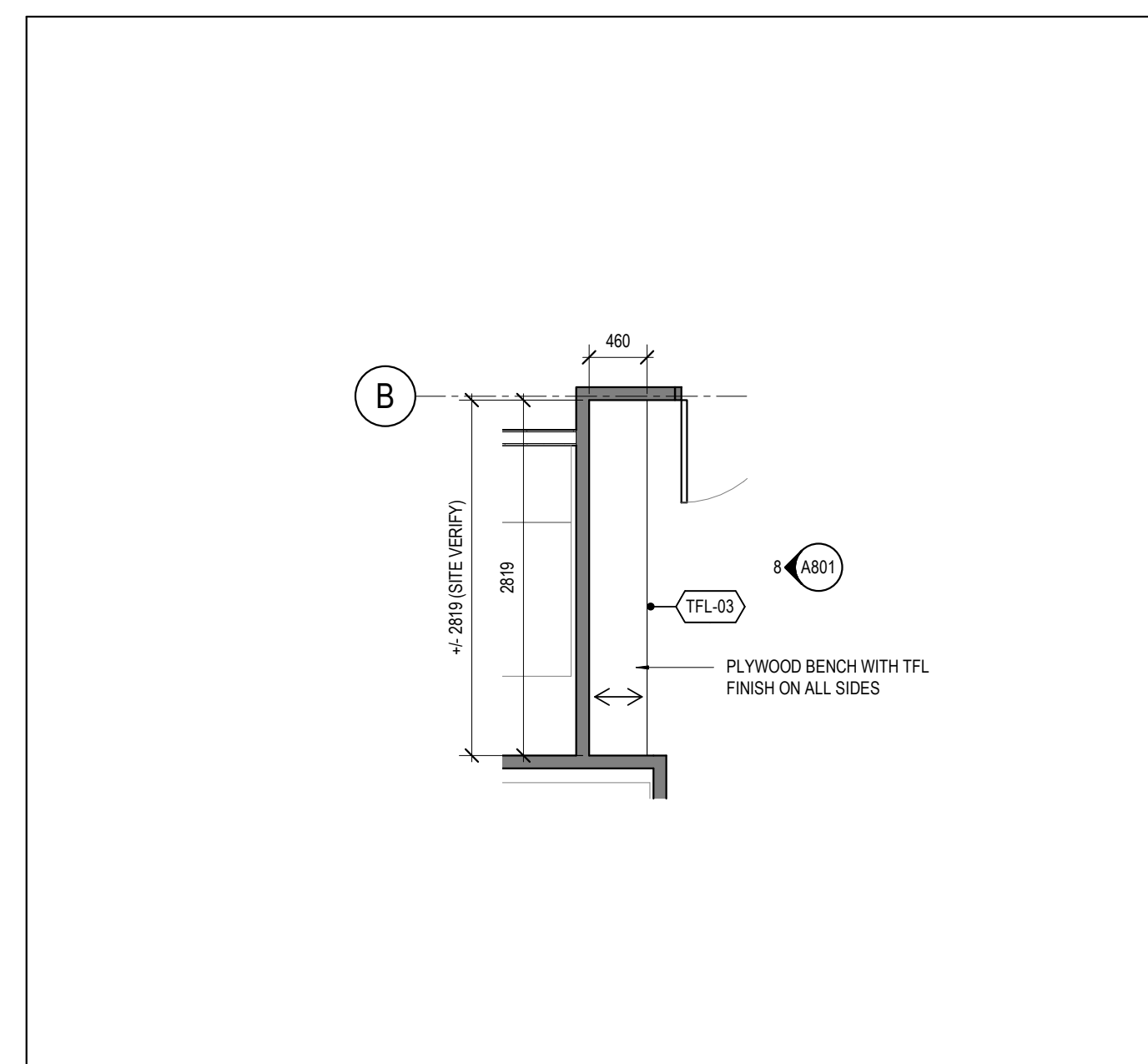
**ISSUE RECORD**



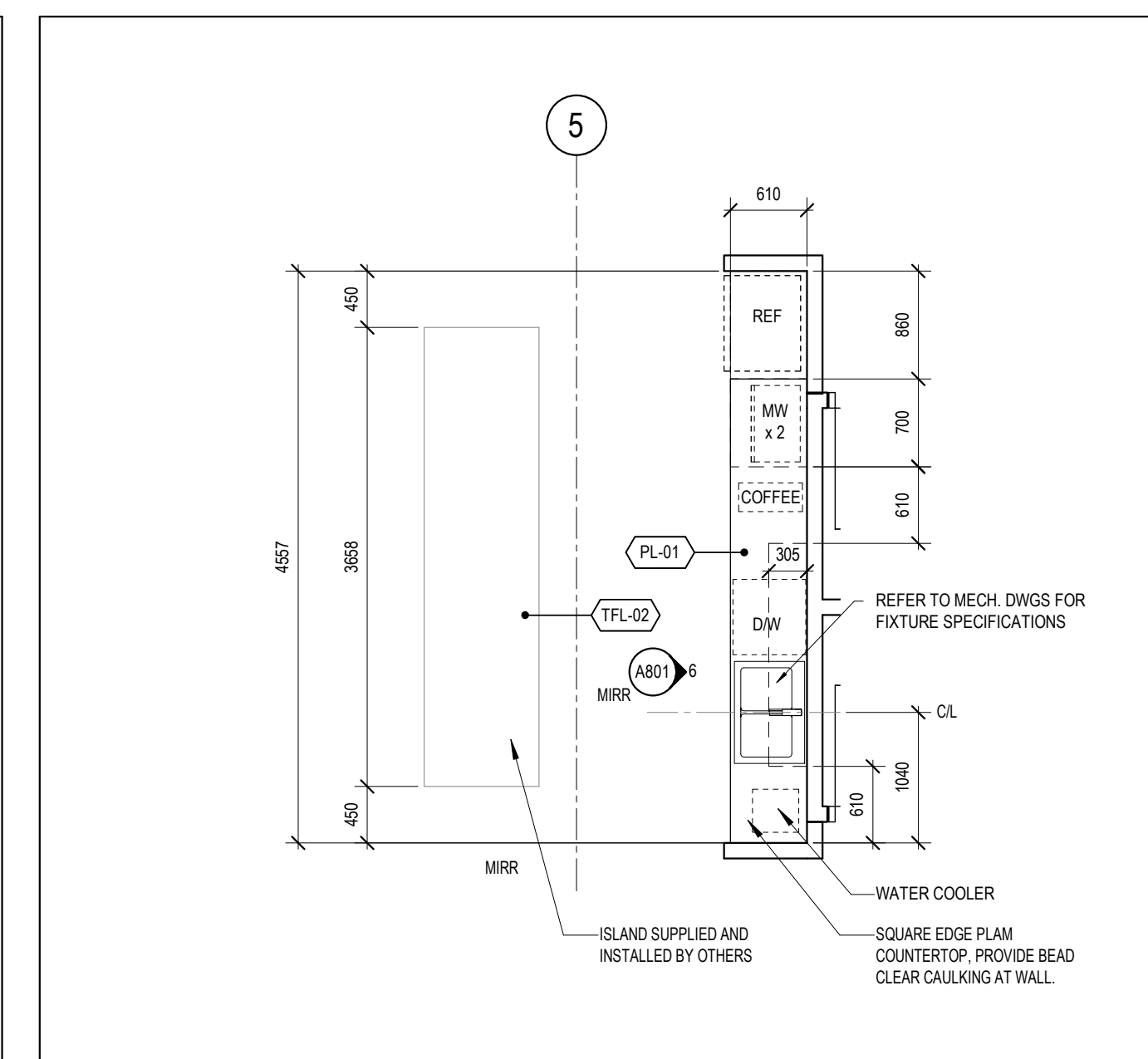
**8 MTG RM 210 BENCH MILLWORK - WEST ELEV**  
 SCALE: 1 : 25



**7 CORRIDOR 200 MILLWORK - NORTH ELEV**  
 SCALE: 1 : 25



**4 LEVEL 02 - MTG RM 210 BENCH ENLARGED PLAN**  
 SCALE: 1 : 50



**1 LEVEL 01 - LUNCH RM 116 MILLWORK ENLARGED PLAN**  
 SCALE: 1 : 50



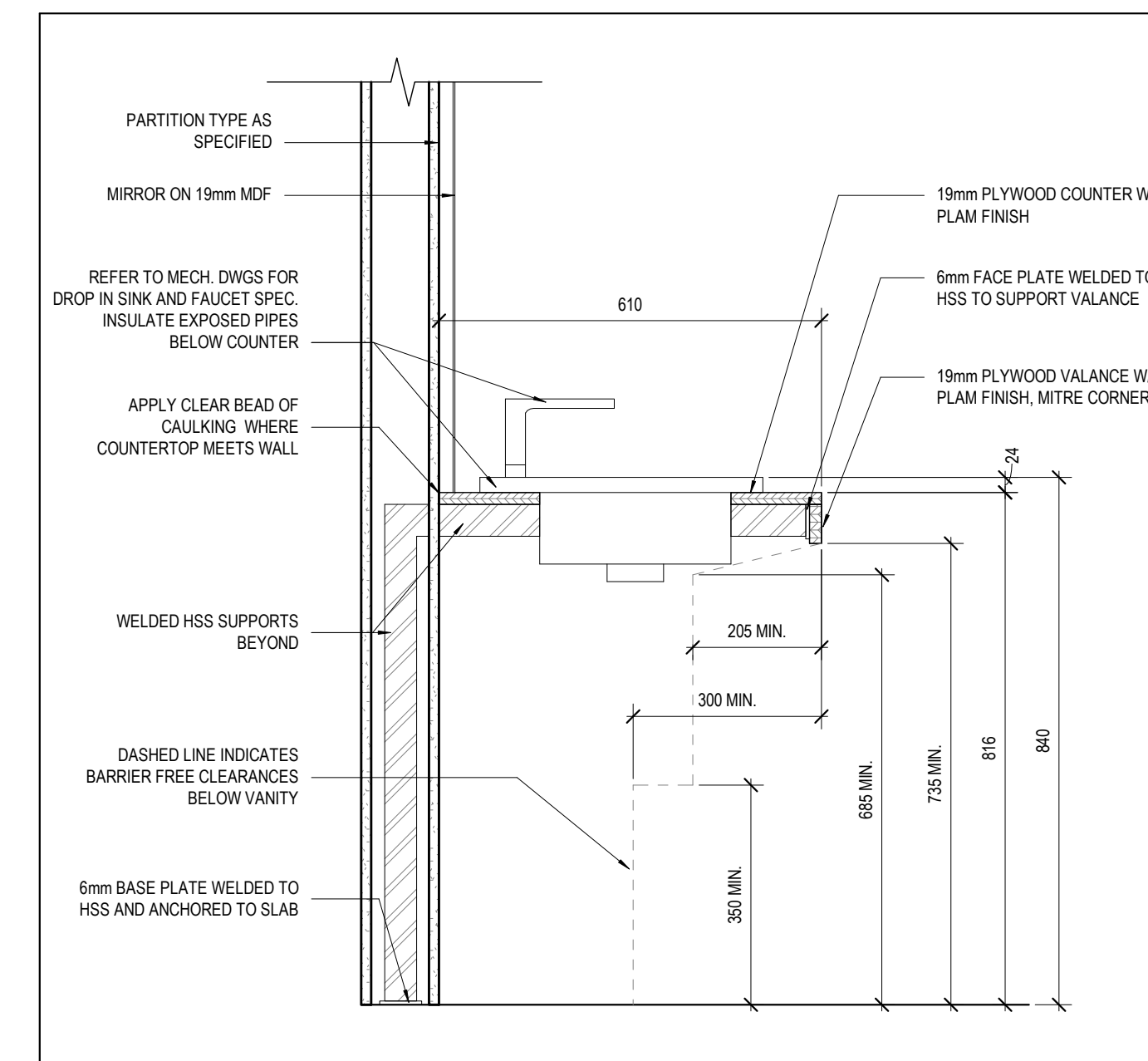
**FREEMAN FIT-UP**

2295 St. Laurent Blvd  
 Ottawa ON

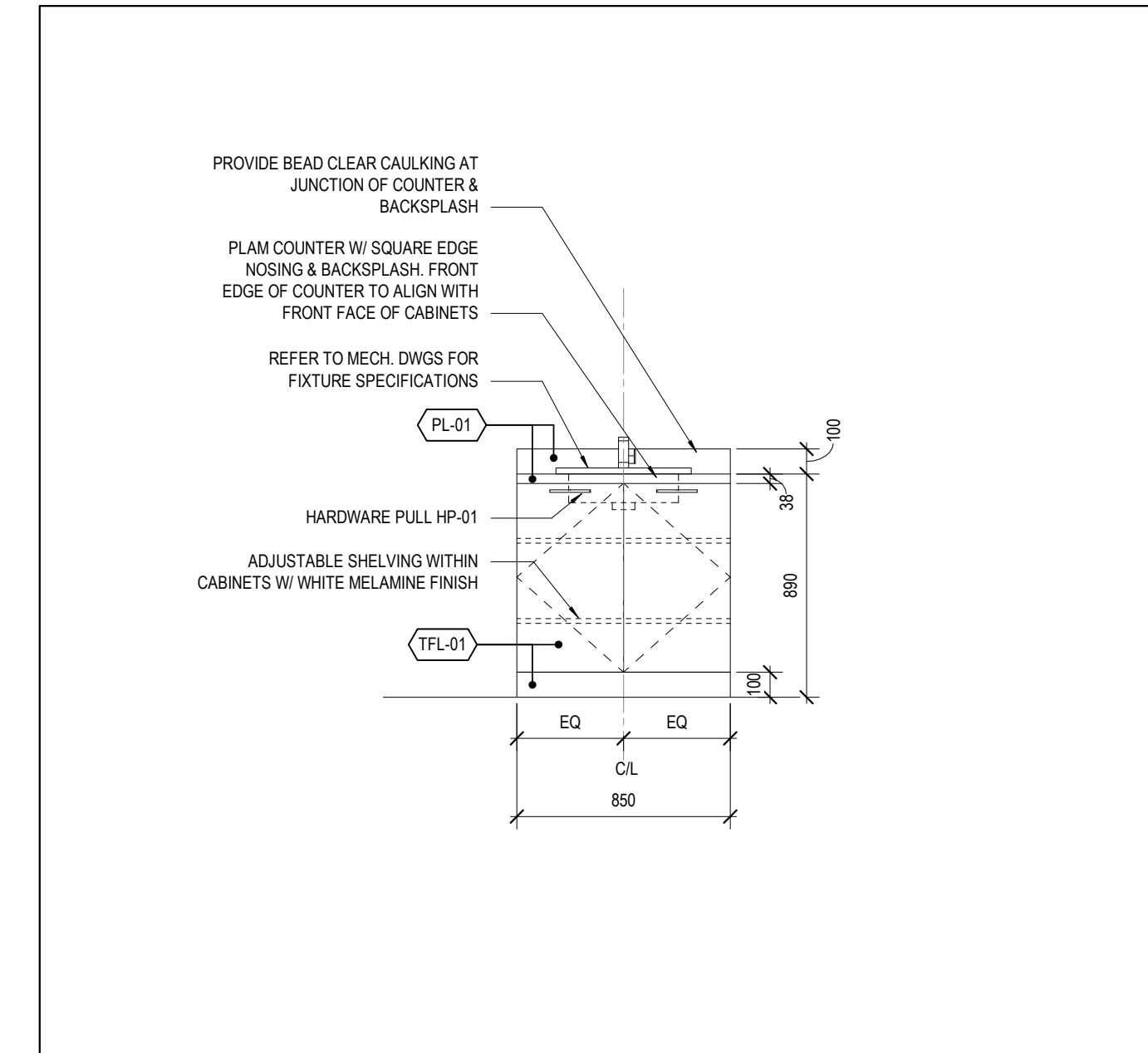
PROJ	SCALE	DRAWN	REVIEWED
1927	NOTED	WB	RMK

**MILLWORK PLANS, ELEVATIONS, AND DETAILS**

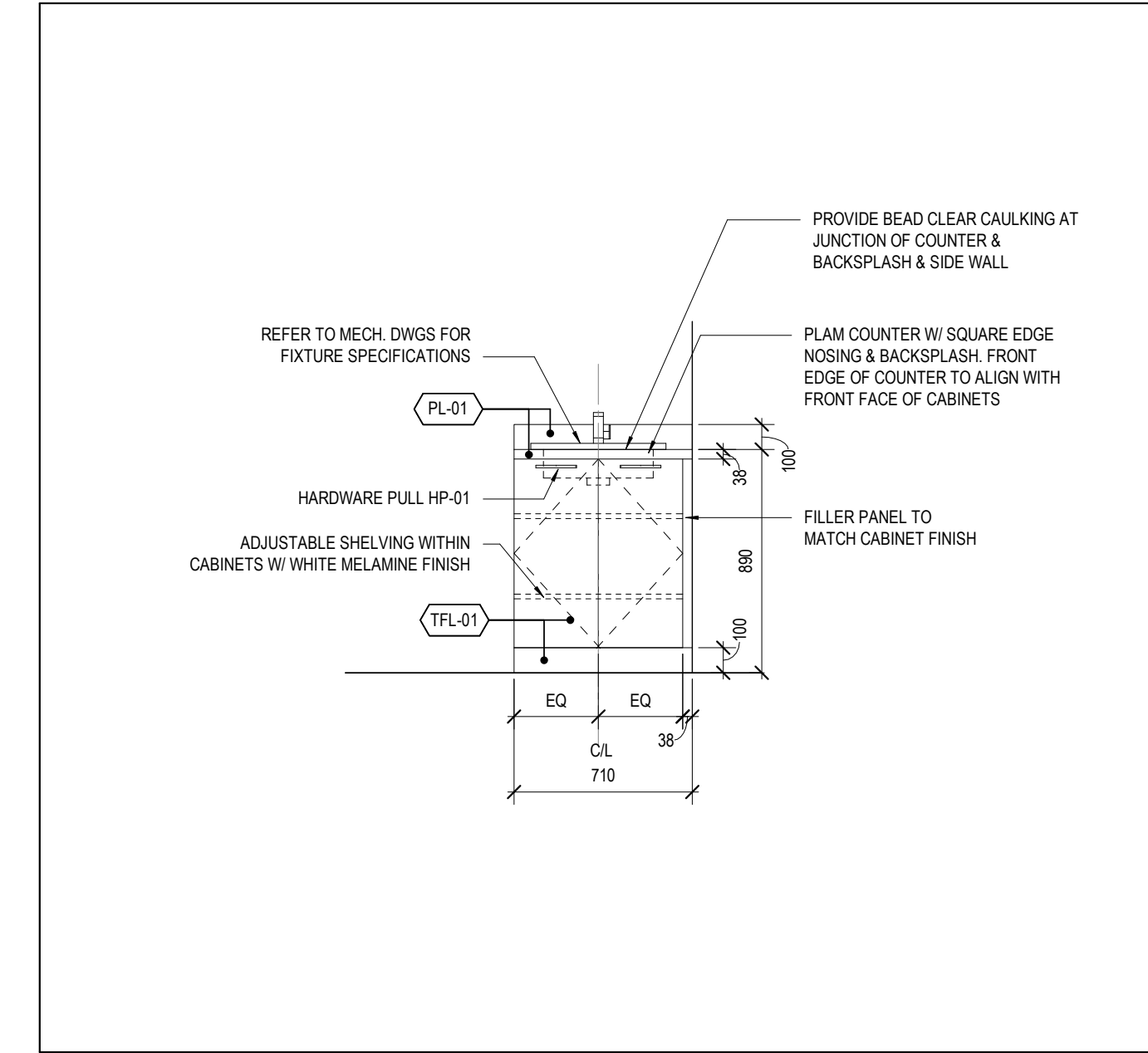
**A801**



3 WC 117 & 118 VANITY SECTION  
A802 SCALE: 1 : 10



2 WASHROOM 202A - VANITY ELEV  
A802 SCALE: 1 : 25



1 WASHROOM 109 - VANITY ELEV  
A802 SCALE: 1 : 25

- GENERAL ARCHITECTURAL NOTES:
1. This drawing is the property of the Architect and may not be reproduced or used without the expressed consent of the Architect.
  2. Drawings are not to be scaled. The Contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Architect and obtain clarification prior to commencing work.
  3. Upon notice in writing, the Architect will provide written graphic clarification or supplementary information regarding the intent of the Contract Documents.
  4. The Architectural drawings are to be read in conjunction with all other Contract Documents including Project Manuals and the Structural, Mechanical and Electrical Drawings.
  5. Positions of exposed or finished Mechanical or Electrical devices, fittings and fixtures are indicated on the Architectural Drawings. Locations shown on the Architectural Drawings shall govern over Mechanical and Electrical Drawings. Mechanical and Electrical items not clearly located will be located as directed by the Architect.
  6. These documents are not to be used for construction unless specifically noted for such purpose.

5	RE-ISSUED FOR CONSTRUCTION	2020-01-29
4	ISSUED FOR CONSTRUCTION	2020-01-27
2	ISSUED FOR TENDER	2019-11-29
1	ISSUED FOR BUILDING PERMIT	2019-11-15

ISSUE RECORD

**project1 studio**

Project1 Studio Incorporated  
613.884.9339 | mail@project1studio.ca

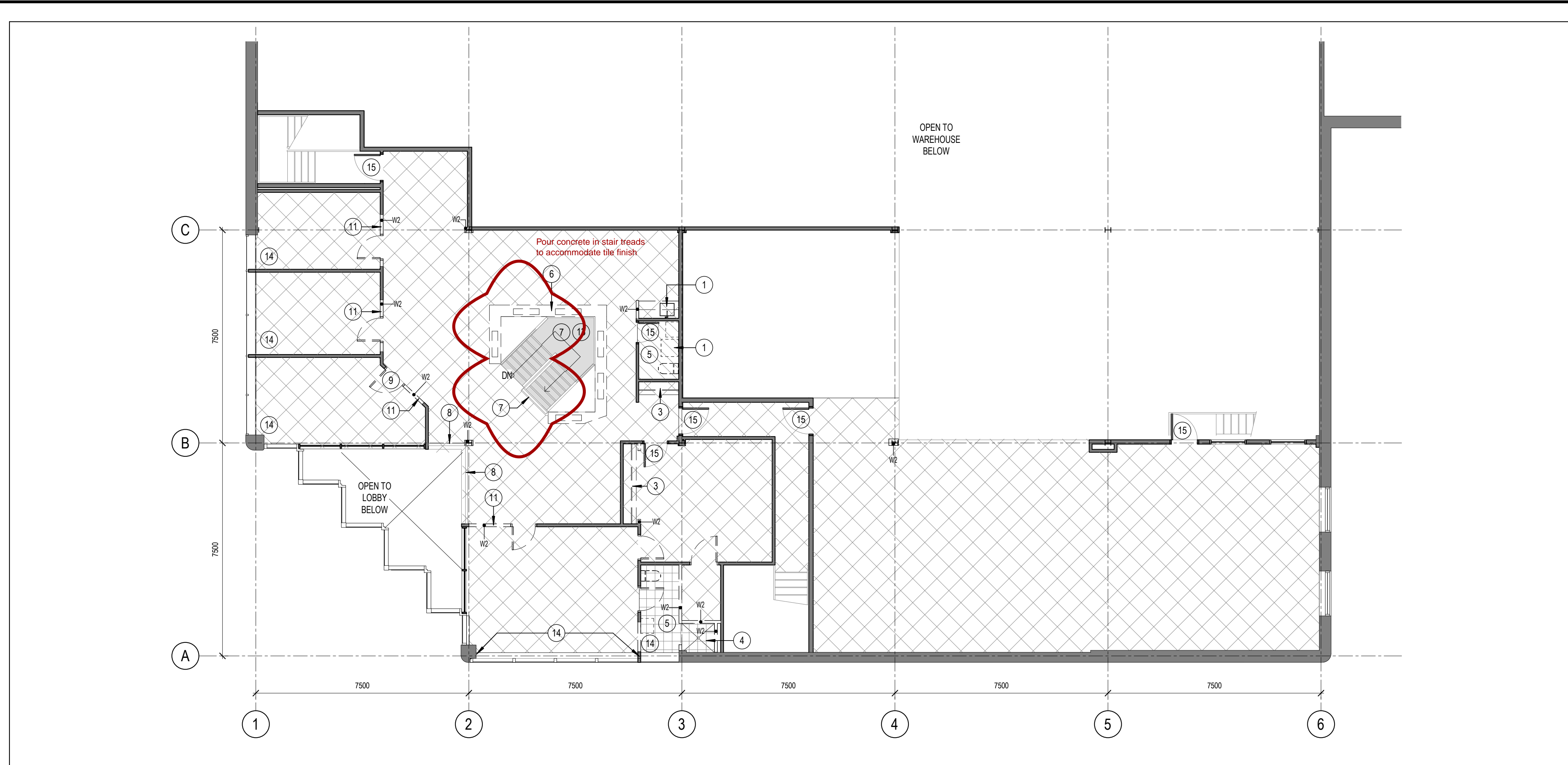
**FREEMAN FIT-UP**

2295 St. Laurent Blvd  
Ottawa ON

PROJ	SCALE	DRAWN	REVIEWED
1927	NOTED	WB	RMK

MILLWORK CONTINUED

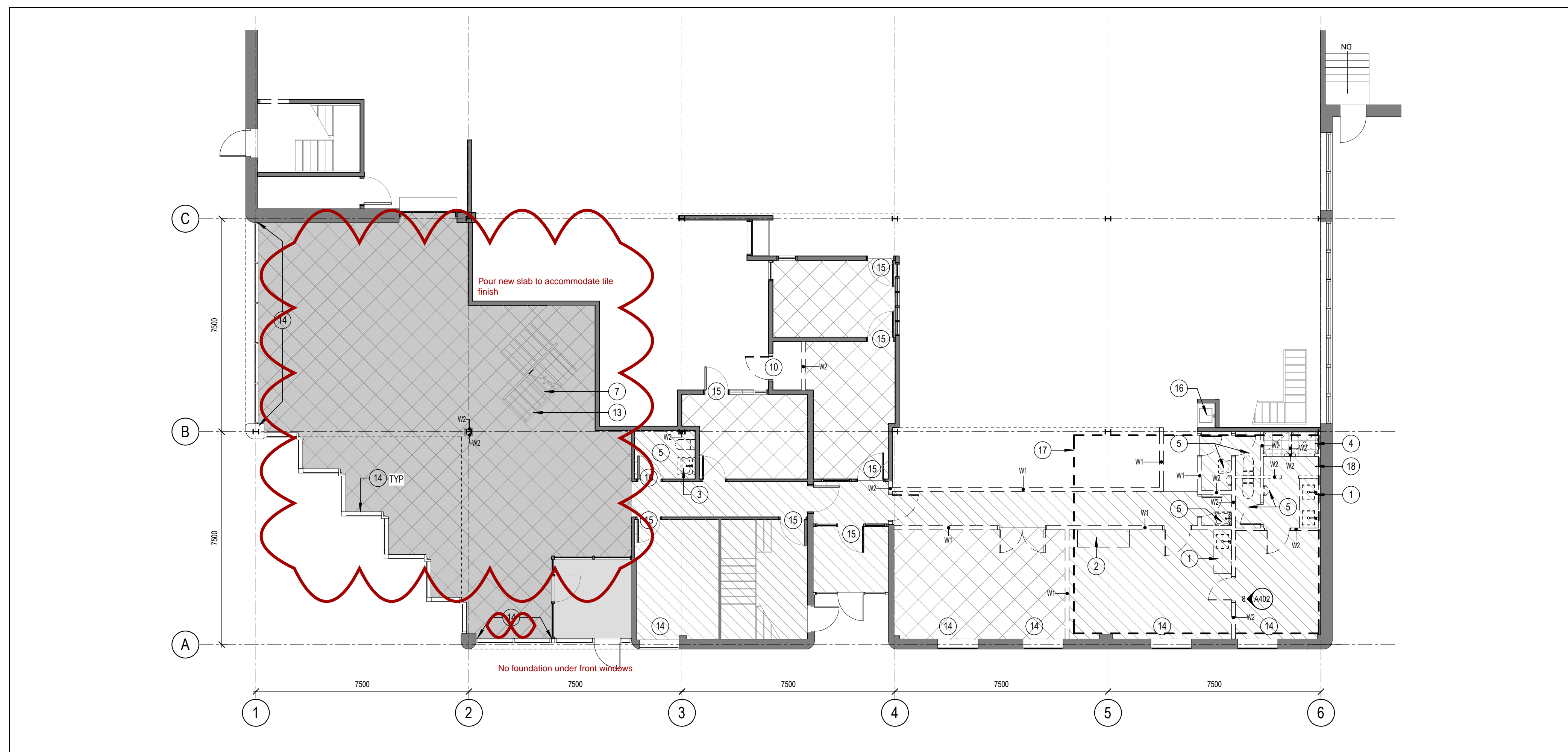
**A802**



**2** LEVEL 02 - DEMOLITION PARTITION PLAN  
 D101 SCALE: 1 : 100

- DEMOLITION GENERAL NOTES**
- DEMOLITION CONTRACTOR TO ENSURE THAT ALL DEMOLITION WORK IS CARRIED OUT SAFELY AND IN A MANNER THAT DOES NOT CAUSE UNDUE DAMAGE.
  - DEMOLITION CONTRACTOR IS TO REPORT INCONSISTENCIES IN THE DRAWINGS IMMEDIATELY
  - REFER TO MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS FOR DEMOLITION OF EXISTING EQUIPMENT, SERVICES, DEVICES, FIXTURES ETC. PATCH AND REPAIR ALL SURFACES TO REMAIN FOLLOWING REMOVALS.
  - WHERE REQUIRED, PROVIDE TEMPORARY STRUCTURAL BRACING PRIOR TO DEMOLITION
  - CONTRACTOR TO NOTIFY THE CLIENT OR CONSULTANT IF THERE IS ANY UNCERTAINTY WITH RESPECT TO THE SCOPE OF WORK.
  - ALL DIMENSIONS SHOWN TO / FROM THE FINISHED FACE OF EXISTING ELEMENTS UNLESS NOTED OTHERWISE.
  - CONTRACTOR TO PROTECT OWN WORK, THE WORK OF OTHERS, EXISTING AND ADJACENT STRUCTURES FROM DAMAGE DURING DEMOLITION.
  - EXISTING SUBFLOOR TO BE MADE GOOD TO ACCEPT NEW FLOORING IF EXISTING SUBFLOOR IS UNABLE TO BE MADE GOOD, DEMOLITION CONTRACTOR IS TO CONTACT CLIENT OR CONSULTANT
  - ALL EXISTING INTERIOR GYPSUM BOARD WALLS THAT ARE TO REMAIN SHALL BE PATCHED, REPAIRED AND BE MADE READY TO ACCEPT NEW FINISHES.
  - NO CUTTING, CORING, DRILLING OR OTHER ALTERATIONS TO COLUMNS, FLOORS, WALLS OR ROOF OF THE STRUCTURE WILL BE PERMITTED WITHOUT THE PRIOR WRITTEN PERMISSION OF THE LANDLORD AND MAY REQUIRE THE REVIEW OF CONTRACTOR'S STRUCTURAL ENGINEER. CUTTING AND CORING MAY NOT PROCEED WITHOUT X-RAYING BY A QUALIFIED CONTRACTOR.
  - PATCH AND REPAIR ALL DAMAGE DUE TO REMOVALS AND MAKE GOOD TO ACCEPT NEW FINISH.
  - REMOVE DEMOLISHED MATERIALS AND DEBRIS ON A CONTINUAL BASIS FROM THE WORK AREA. DO NOT OVERLOAD OR DAMAGE FLOORS, BROOM CLEAN WORK AREA AT COMPLETION OF DEMOLITION.
  - PATCH AND REPAIR ALL FIREPROOFING DAMAGED OR REMOVED DURING DEMOLITION. FIRE RESISTANCE RATING TO MATCH EXISTING
  - BLOCK RETURNS AND/ OR TURN OFF HVAC SYSTEM DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE DUST GETTING INTO RECENTLY CLEANED DUCTS.
- DEMOLITION PLAN LEGEND**
- EXISTING PARTITION TO REMAIN
  - W1 FULL HEIGHT CONCRETE BLOCK PARTITION TO BE REMOVED
  - W2 FULL HEIGHT GYPSUM BOARD PARTITION TO BE REMOVED
  - DOOR AND FRAME TO BE REMOVED
  - INTERIOR GLAZING TO BE REMOVED
  - VCT FLOORING AND RESILIENT BASE TO BE REMOVED
  - CARPET FLOORING AND RESILIENT BASE TO BE REMOVED
  - EXTERIOR CONCRETE PAVERS TO BE REMOVED C/W ALL BASE LAYERS. PREP AND LEVEL SUBFLOOR TO ACCEPT NEW FLOOR FINISH (REFER TO FINISHES PLAN)
  - CARPET FLOORING, BASE AND EXTERIOR CONCRETE PAVERS TO BE REMOVED C/W ALL BASE LAYERS. PREP AND LEVEL SUBFLOOR TO ACCEPT NEW FLOOR FINISH (REFER TO FINISHES PLAN)
  - CERAMIC MOSAIC TILE TO BE REMOVED C/W THIN SET
  - KEYNOTE TAG, REFER TO KEYNOTE LEGEND

- GENERAL ARCHITECTURAL NOTES:**
- This drawing is the property of the Architect and may not be reproduced or used without the expressed consent of the Architect.
  - Drawings are not to be scaled. The Contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Architect and obtain clarification prior to commencing work.
  - Upon notice in writing, the Architect will provide written/graphic clarification or supplementary information regarding the intent of the Contract Documents.
  - The Architectural drawings are to be read in conjunction with all other Contract Documents including Project Manuals and the Structural, Mechanical and Electrical Drawings.
  - Positions of exposed or finished Mechanical or Electrical devices, fittings and fixtures are indicated on the Architectural Drawings. Locations shown on the Architectural Drawings shall govern over Mechanical and Electrical Drawings. Mechanical and Electrical items not clearly located will be located as directed by the Architect.
  - These documents are not to be used for construction unless specifically noted for such purpose.



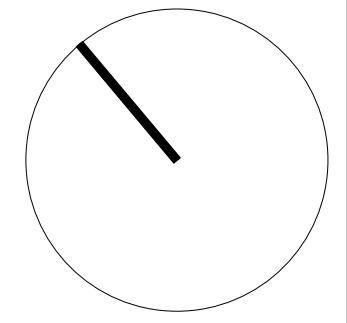
**1** LEVEL 01 - DEMOLITION PARTITION PLAN  
 D101 SCALE: 1 : 100

- MILLWORK TO BE REMOVED, REFER TO MECH. DWGS FOR PLUMBING REMOVALS
- WALL MOUNTED COUNTER TO BE REMOVED
- CLOSET MILLWORK TO BE REMOVED
- REMOVE SHOWER CURB AND BASE C/W CERAMIC TILE ON WALL & CEILING SURFACES TO BE REMOVED, REFER TO MECH. DWGS FOR PLUMBING REMOVALS
- ALL PLUMBING FIXTURES WITHIN THIS AREA TO BE REMOVED, REFER TO MECH DWGS
- 1002MM HIGH GYPSUM BOARD PLANTER TO BE REMOVED
- ALL GLASS FROM EXISTING STAIR RAILINGS AND GUARDS TO BE REMOVED. RETAIN ALL RAILING, BALUSTERS, BRACKETS AND MOUNTING HARDWARE FOR REINSTALLATION. EXISTING PLYWOOD CURB TO REMAIN, CARPET TO BE REMOVED.
- GLASS FROM EXISTING GUARDS TO BE REMOVED. RETAIN ALL RAILING, BALUSTERS, BRACKETS AND MOUNTING HARDWARE FOR REINSTALLATION. EXISTING PLYWOOD CURB TO REMAIN, CARPET TO BE REMOVED
- REMOVE AND RETAIN DOOR AND FRAME FOR REINSTALLATION IN OFFICE 111, REFER TO PARTITION PLAN. RETAIN ALL HARDWARE EXCEPT FOR DOOR KNOB
- REMOVE EXISTING DOOR AND FRAME
- PORTION OF PARTITION TO BE REMOVED TO ACCOMMODATE NEW DOOR AND FRAME. COORDINATE WITH PARTITION PLAN
- EXTERIOR CONCRETE PAVERS C/W BASE LAYERS FROM STAIRS TREADS AND LANDINGS TO BE REMOVED. PREP AND LEVEL REMAINING SURFACES TO ACCEPT NEW FLOOR FINISH (REFER TO FINISHES PLAN)
- BLINDS TO BE REMOVED
- DOOR KNOB HARDWARE TO BE REMOVED
- EXISTING SINK AND COUNTER TO REMAIN
- PROVIDE TRENCHING IN THIS AREA TO ACCOMMODATE NEW PLUMBING AND ELECTRICAL, COORD WITH MECH & ELEC DWGS. PATCH AND LEVEL FLOOR SUBSTRATE TO MAKE READY FOR NEW FINISHES
- CONTRACTOR TO COMPLETE MOLD REMEDIATION WHERE MOLD IS PRESENT AT EXISTING LEVEL 1 WASHROOMS AND SHOWERS

**KEYNOTE LEGEND**  
 SCALE: N.T.S.

5	RE-ISSUED FOR CONSTRUCTION	2020-01-29
4	ISSUED FOR CONSTRUCTION	2020-01-27
2	ISSUED FOR TENDER	2019-11-29
1	ISSUED FOR BUILDING PERMIT	2019-11-15

**ISSUE RECORD**



**project1 studio**  
 Project1 Studio Incorporated  
 (613.884.9339 | mail@project1studio.ca)

**FREEMAN FIT-UP**  
 2295 St.Laurent Blvd  
 Ottawa ON

PROJ	SCALE	DRAWN	REVIEWED
1927	1 : 100	WB	RMK

**LEVEL 01 & 02 - DEMOLITION PARTITION PLANS**

**D101**






**GENERAL ARCHITECTURAL NOTES:**

1. This drawing is the property of the Architect and may not be reproduced or used without the expressed consent of the Architect.
2. Drawings are not to be scaled. The Contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Architect and obtain clarification prior to commencing work.
3. Upon notice in writing, the Architect will provide written/graphic clarification or supplementary information regarding the intent of the Contract Documents.
4. The Architectural drawings are to be read in conjunction with all other Contract Documents including Project Manuals and the Structural, Mechanical and Electrical Drawings.
5. Positions of exposed or finished Mechanical or Electrical devices, fittings and fixtures are indicated on the Architectural Drawings. Locations shown on the Architectural Drawings shall govern over Mechanical and Electrical Drawings. Mechanical and Electrical items not clearly located will be located as directed by the Architect.
6. These documents are not to be used for construction unless specifically noted for such purpose.

**CEILING DEMOLITION GENERAL NOTES**

1. DEMOLITION CONTRACTOR TO ENSURE THAT ALL DEMOLITION WORK IS CARRIED OUT SAFELY AND IN A MANNER THAT DOES NOT CAUSE UNDUE DAMAGE.
2. DEMOLITION CONTRACTOR IS TO REPORT INCONSISTENCIES IN THE DRAWINGS IMMEDIATELY
3. REFER TO MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS FOR DEMOLITION OF EXISTING EQUIPMENT, SERVICES, DEVICES, FIXTURES ETC. PATCH AND REPAIR ALL SURFACES TO REMAIN FOLLOWING REMOVALS.
4. WHERE REQUIRED, PROVIDE TEMPORARY STRUCTURAL BRACING PRIOR TO DEMOLITION.
5. CONTRACTOR TO NOTIFY THE CLIENT OR CONSULTANT IF THERE IS ANY UNCERTAINTY WITH RESPECT TO THE SCOPE OF WORK.
6. ALL DIMENSIONS SHOWN TO / FROM THE FINISHED FACE OF EXISTING ELEMENTS UNLESS NOTED OTHERWISE.
7. CONTRACTOR TO PROTECT OWN WORK, THE WORK OF OTHERS, EXISTING AND ADJACENT STRUCTURES FROM DAMAGE DURING DEMOLITION.
8. PATCH AND REPAIR ALL DAMAGE DUE TO REMOVALS AND MAKE GOOD TO ACCEPT NEW FINISH.
9. REMOVE DEMOLISHED MATERIALS AND DEBRIS ON A CONTINUAL BASIS FROM THE WORK AREA. DO NOT OVERLOAD OR DAMAGE FLOORS, BROOM CLEAN WORK AREA AT COMPLETION OF DEMOLITION.
10. PATCH AND REPAIR ALL FIREPROOFING DAMAGED OR REMOVED DURING DEMOLITION. FIRE RESISTANCE RATING TO MATCH EXISTING
11. BLOCK RETURNS AND/ OR TURN OFF HVAC SYSTEM DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE DUST GETTING INTO RECENTLY CLEANED DUCTS.

**CEILING DEMOLITION PLAN LEGEND**

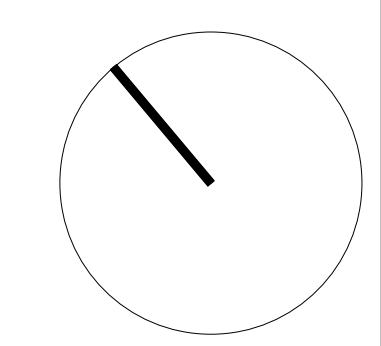
-  610 X 610MM ACOUSTICAL CEILING TILE SYSTEM TO BE REMOVED
-  610 X 1220MM ACOUSTICAL CEILING TILE SYSTEM TO BE REMOVED
-  GYPSUM BOARD CEILING TO BE REMOVED
-  STIPPLED CEILING FINISH TO BE REMOVED
-  KEYNOTE TAG, REFER TO KEYNOTE LEGEND

- 1 REMOVE EXISTING ACT & GYPSUM BOARD BULKHEAD AND AROUND STAIR OPENING. COORDINATE WITH NEW BULKHEAD DETAIL.
- 2 LINE OF FLOOR ABOVE
- 3 CERAMIC TILE ON CEILING TO BE REMOVED
- 4 EXPOSED STRUCTURE ABOVE
- 5 EXISTING SKYLIGHT

**KEYNOTE LEGEND**  
SCALE: N.T.S.

5	RE-ISSUED FOR CONSTRUCTION	2020-01-29
4	ISSUED FOR CONSTRUCTION	2020-01-27
2	ISSUED FOR TENDER	2019-11-29
1	ISSUED FOR BUILDING PERMIT	2019-11-15

**ISSUE RECORD**



**project1 studio**  
Project1 Studio Incorporated  
613.884.9339 | email@project1studio.ca

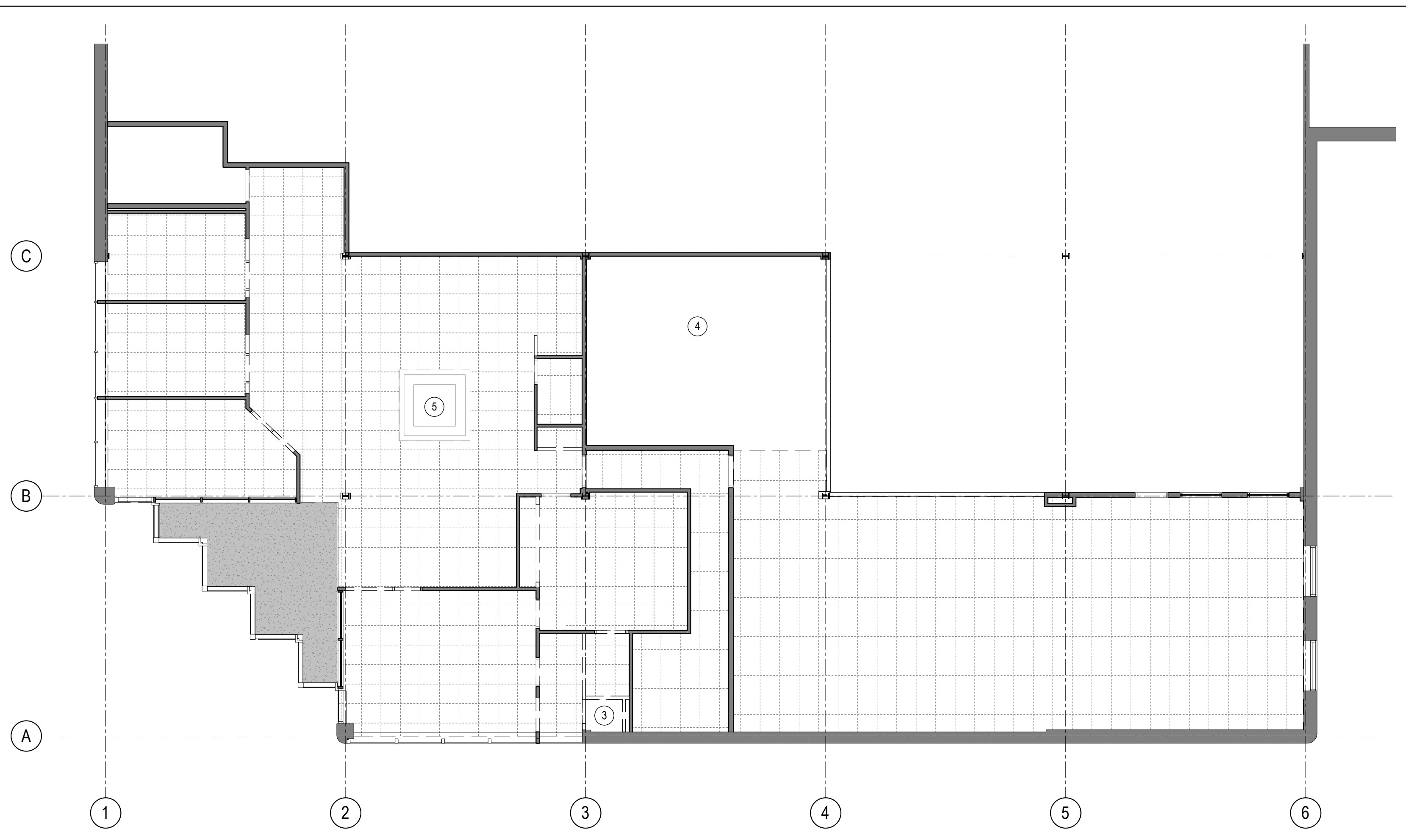
**FREEMAN FIT-UP**

2295 St.Laurent Blvd  
Ottawa ON

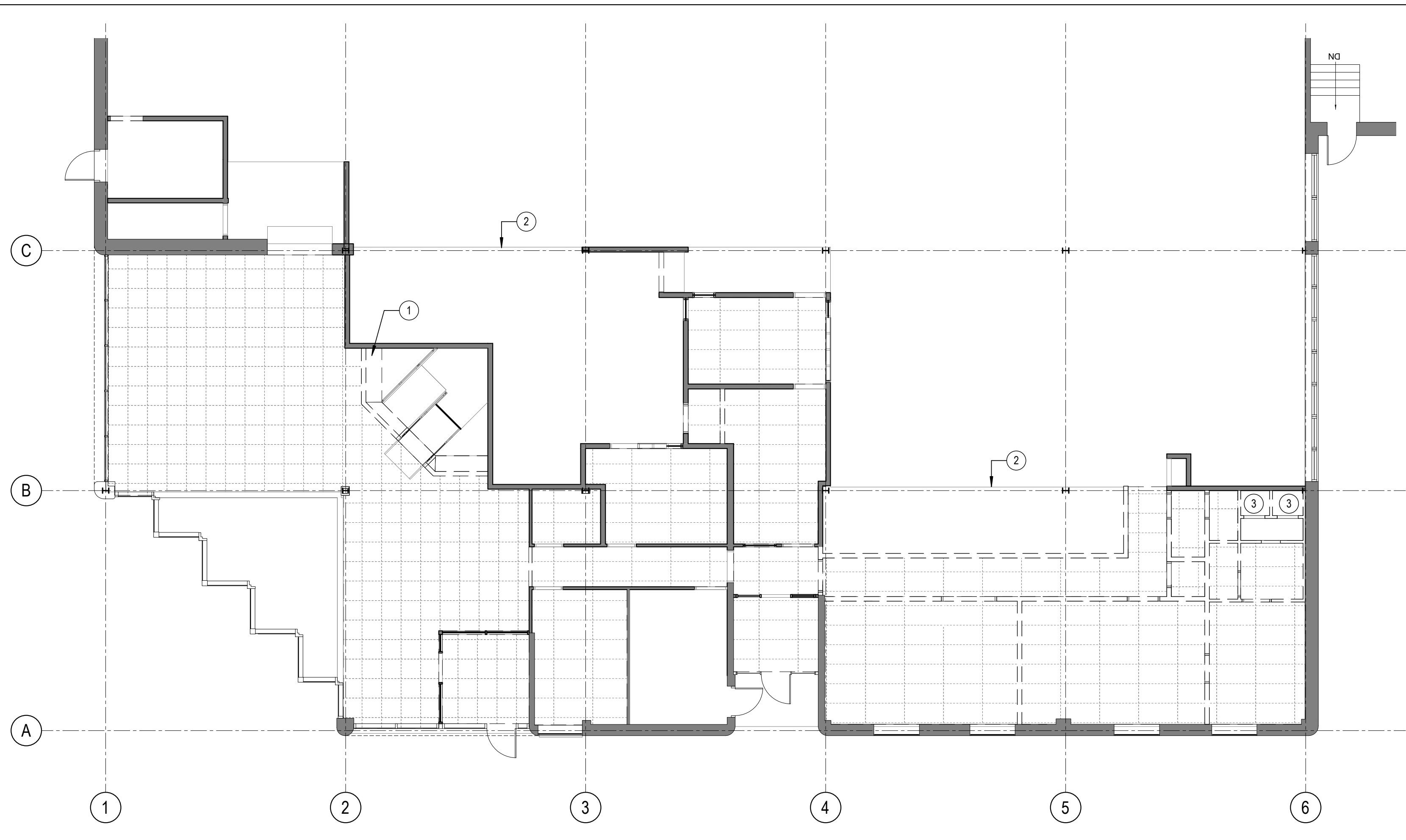
PROJ	SCALE	DRAWN	REVIEWED
1927	1 : 100	WB	RMK

**LEVEL 01 & 02 - DEMOLITION CEILING PLANS**

**D102**



**2 LEVEL 02 - REFLECTED CEILING PLAN DEMOLITION**  
D102 SCALE: 1 : 100



**1 LEVEL 01 - REFLECTED CEILING PLAN DEMOLITION**  
D102 SCALE: 1 : 100

THIS DRAWING, OR PARTS THEREOF, MAY NOT BE REPRODUCED OR USED IN ANY FORM, BY ANY METHOD, FOR ANY PURPOSE, WITHOUT THE WRITTEN PERMISSION OF QUADRANT ENGINEERING.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION. WHERE CONFLICT ARISES THE MORE STRINGENT OF THE TWO SHALL APPLY.

COPYRIGHT © 2020 QUADRANT ENGINEERING.

19Q025E

THE ELECTRICAL CONTRACT DOCUMENTS ARE THE PROPERTY OF QUADRANT ENGINEERING (QE)

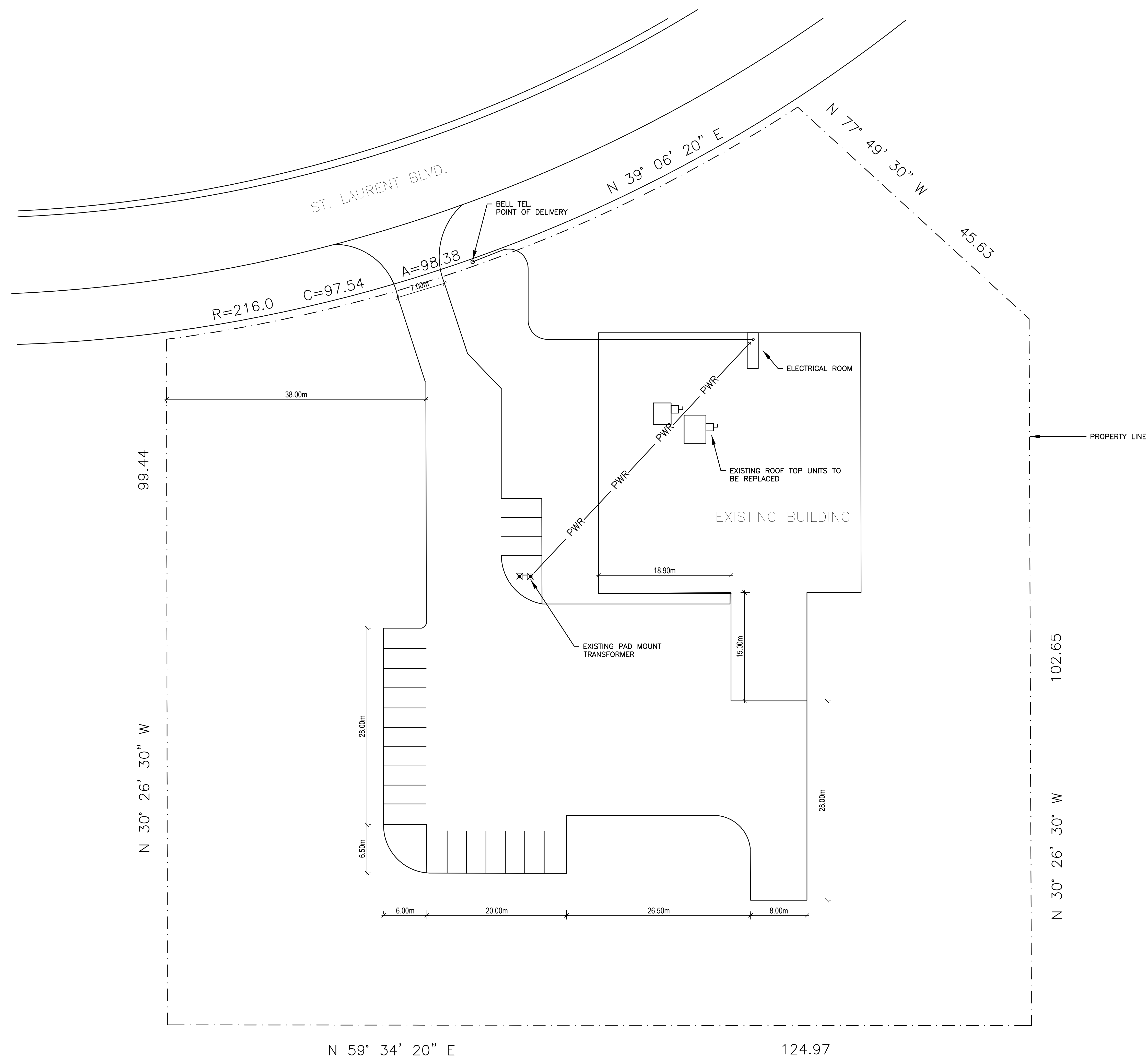
THE CONTRACTOR SHALL OBTAIN A FULL SET OF ALL CONSULTANTS' DESIGN DOCUMENTS PRIOR TO STARTING WORK.

QE BEARS NO RESPONSIBILITY FOR INTERPRETATIONS OF THESE DOCUMENTS BY OTHERS.

UPON WRITTEN APPLICATION QE WILL PROVIDE WRITTEN CLARIFICATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.

QE REVIEW OF SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR IS FOR DESIGN CONFORMANCE ONLY.

DRAWINGS ARE NOT TO BE SCALED FOR CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS, ON SITE, REQUIRED TO PERFORM THE WORK AND REPORT ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS TO THE DESIGN TEAM BEFORE COMMENCING WORK.



NO.	REVISION	DATE
8	RE-ISSUED FOR CONSTRUCTION	29 JAN 2020
7	ISSUED FOR CONSTRUCTION	24 JAN 2020
6	ISSUED FOR CCNE-03	15 JAN 2020
5	ISSUED FOR CCNE-01	09 JAN 2020
4	ISSUED FOR ADD-E02	16 DEC 2019
3	ISSUED FOR ADD-E01	13 DEC 2019
2	ISSUED FOR PRICING	29 NOV 2019
1	ISSUED FOR PERMIT	15 NOV 2019

PROJECT  
**2295 ST. LAURENT  
 FIT UP**  
 OTTAWA, ONTARIO

**QUADRANT**  
 an Instaelectric Company

2283 ST. LAURENT BLVD., UNIT 203, OTTAWA, ONT., K1G 5A2  
 TEL. (613) 567-1487 FAX. (613) 567-1493  
 E-Mail: mail@quadrantengineering.ca

CURRENT DATE	Wed, 29 Jan 2020, 10:57
SCALE	NTS
DRAWN	YD
DESIGNED	YD
CHECKED	LVDL
PROJECT	19-Q025
DRAWING NUMBER	E-001

**SITE PLAN**

THIS DRAWING, OR PARTS THEREOF, MAY NOT BE REPRODUCED OR USED IN ANY FORM, BY ANY METHOD, FOR ANY PURPOSE, WITHOUT THE WRITTEN PERMISSION OF QUADRANT ENGINEERING.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION, WHERE CONFLICT ARISES THE MORE STRINGENT OF THE TWO SHALL APPLY.

COPYRIGHT © 2020 QUADRANT ENGINEERING.

THE ELECTRICAL CONTRACT DOCUMENTS ARE THE PROPERTY OF QUADRANT ENGINEERING (QE)

THE CONTRACTOR SHALL OBTAIN A FULL SET OF ALL CONSULTANTS' DESIGN DOCUMENTS PRIOR TO STARTING WORK.

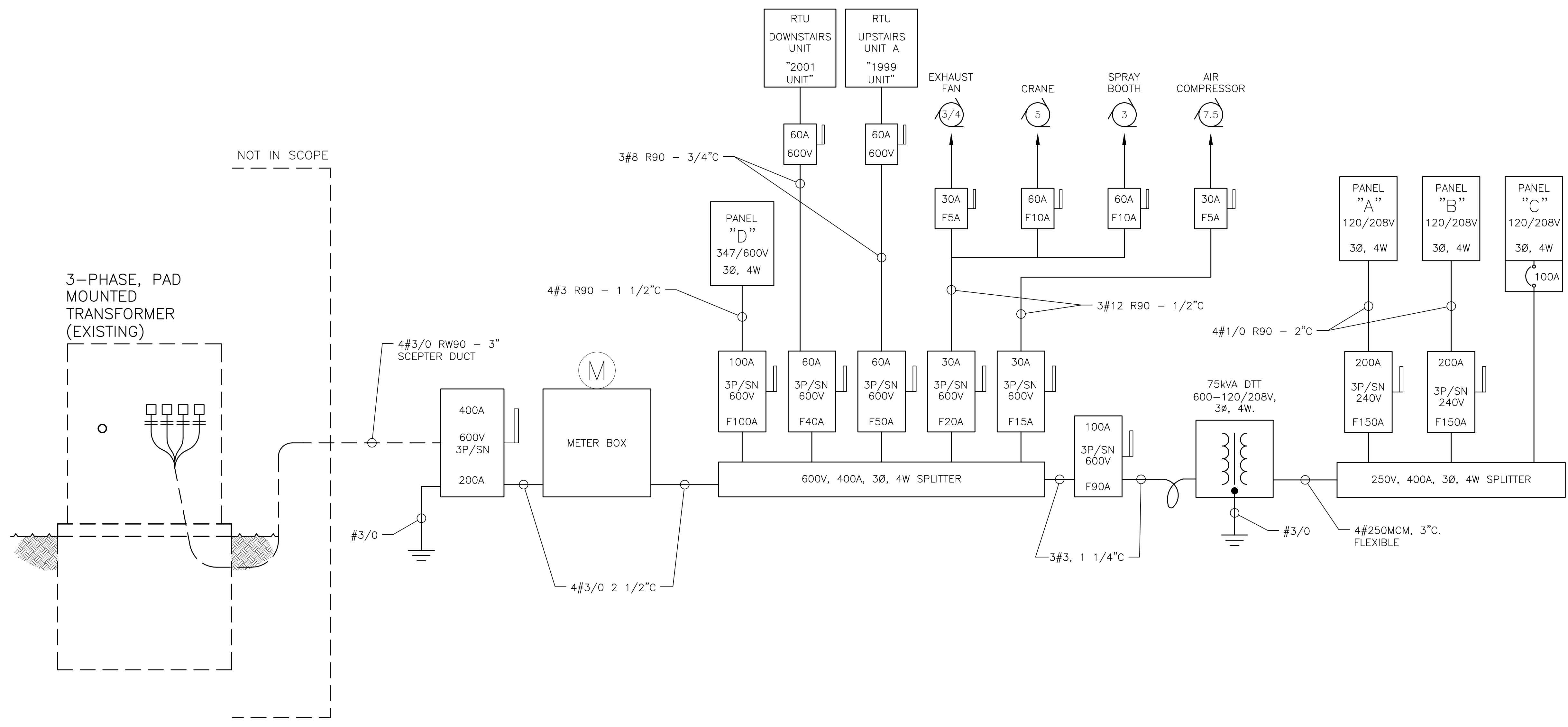
QE BEARS NO RESPONSIBILITY FOR INTERPRETATIONS OF THESE DOCUMENTS BY OTHERS.

UPON WRITTEN APPLICATION QE WILL PROVIDE WRITTEN CLARIFICATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.

QE REVIEW OF SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR IS FOR DESIGN CONFORMANCE ONLY.

DRAWINGS ARE NOT TO BE SCALED FOR CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS, ON SITE, REQUIRED TO PERFORM THE WORK AND REPORT ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS TO THE DESIGN TEAM BEFORE COMMENCING WORK.

19Q025E



EXISTING DISTRIBUTION DIAGRAM  
NTS

DISTRIBUTION NOTE:  
EXISTING SERVICE TO REMAIN

NO.	REVISION	DATE
8	RE-ISSUED FOR CONSTRUCTION	29 JAN 2020
7	ISSUED FOR CONSTRUCTION	24 JAN 2020
6	ISSUED FOR CCNE-03	15 JAN 2020
5	ISSUED FOR CCNE-01	09 JAN 2020
4	ISSUED FOR ADD-E02	16 DEC 2019
3	ISSUED FOR ADD-E01	13 DEC 2019
2	ISSUED FOR PRICING	29 NOV 2019
1	ISSUED FOR PERMIT	15 NOV 2019

2295 ST. LAURENT  
FIT UP  
OTTAWA, ONTARIO

**QUADRANT**  
an Instaelectric Company

2283 ST. LAURENT BLVD., UNIT 203, OTTAWA, ONT., K1G 5A2  
TEL. (613) 567-1487 FAX. (613) 567-1493  
E-Mail: mail@quadrantengineering.ca

CURRENT DATE	Wed, 29 Jan 2020, 10:57
SCALE	NTS
DRAWN	YD
DESIGNED	YD
CHECKED	LVDL
PROJECT	19-Q025
DRAWING NUMBER	E-002

DISTRIBUTION  
DRAWING

THIS DRAWING, OR PARTS THEREOF, MAY NOT BE REPRODUCED OR USED IN ANY FORM, BY ANY METHOD, FOR ANY PURPOSE, WITHOUT THE WRITTEN PERMISSION OF QUADRANT ENGINEERING.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION. WHERE CONFLICT ARISES THE MORE STRINGENT OF THE TWO SHALL APPLY.

COPYRIGHT © 2020 QUADRANT ENGINEERING.

THE ELECTRICAL CONTRACT DOCUMENTS ARE THE PROPERTY OF QUADRANT ENGINEERING (QE)

THE CONTRACTOR SHALL OBTAIN A FULL SET OF ALL CONSULTANTS' DESIGN DOCUMENTS PRIOR TO STARTING WORK.

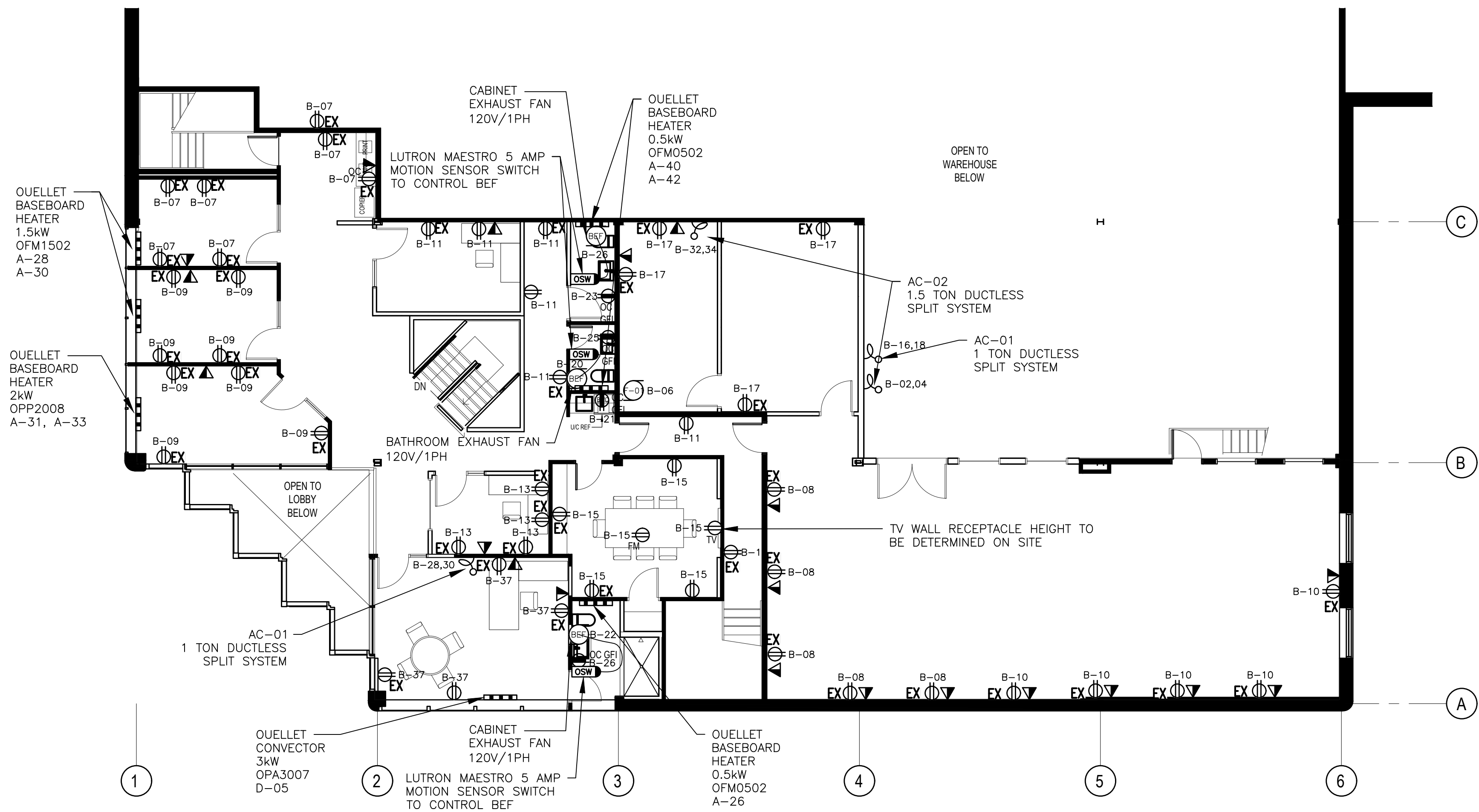
QE BEARS NO RESPONSIBILITY FOR INTERPRETATIONS OF THESE DOCUMENTS BY OTHERS.

UPON WRITTEN APPLICATION QE WILL PROVIDE WRITTEN CLARIFICATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.

QE REVIEW OF SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR IS FOR DESIGN CONFORMANCE ONLY.

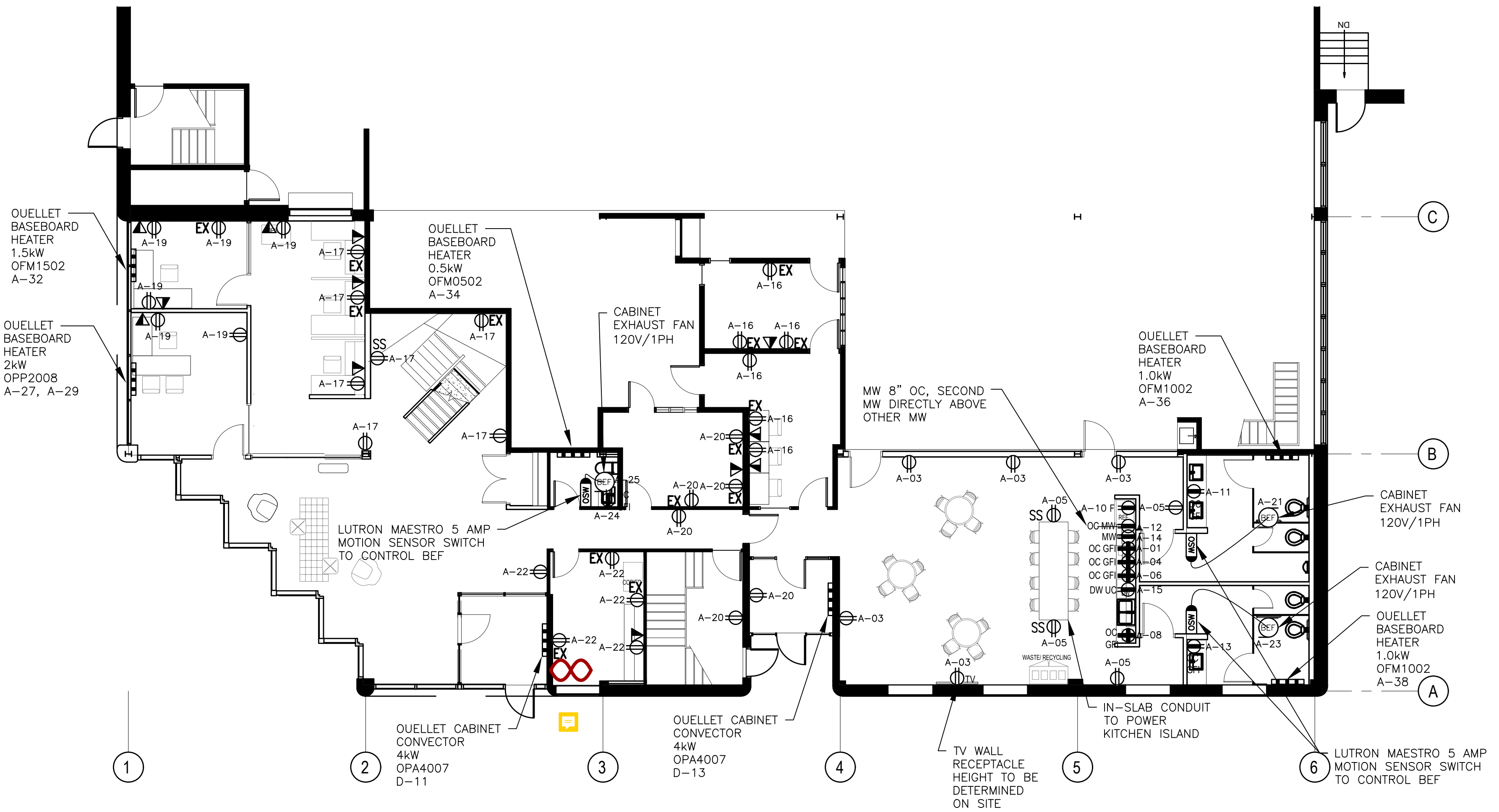
DRAWINGS ARE NOT TO BE SCALED FOR CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS, ON SITE, REQUIRED TO PERFORM THE WORK AND REPORT ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS TO THE DESIGN TEAM BEFORE COMMENCING WORK.

19Q025E



2 2ND FLOOR - POWER  
E-200 SCALE: 1:100

- GENERAL NOTES: *FM relocated to walls as per client*
- ALL EXISTING FLOOR MOUNTED RECEPTACLES TO BE REPLACED UNITS *EXHAW WITH THE GROUND*
  - ALL RECEPTACLES TO BE 8" ABOVE MILLWORK. OTHERWISE HEIGHT TO BE COORDINATED ON SITE
  - WHERE APPLICABLE, EXISTING BASEBOARD HEATERS TO REMAIN *All base heaters replaced*
  - INSTALL AN EMT CONDUIT FROM THE FIRE ALARM PANEL TO THE ALARM SYSTEM ON THE SECOND FLOOR



1 GROUND FLOOR - POWER  
E-200 SCALE: 1:100

NO.	REVISION	DATE
8	RE-ISSUED FOR CONSTRUCTION	29 JAN 2020
7	ISSUED FOR CONSTRUCTION	24 JAN 2020
6	ISSUED FOR CCNE-03	15 JAN 2020
5	ISSUED FOR CCNE-01	09 JAN 2020
4	ISSUED FOR ADD-E02	16 DEC 2019
3	ISSUED FOR ADD-E01	13 DEC 2019
2	ISSUED FOR PRICING	29 NOV 2019
1	ISSUED FOR PERMIT	15 NOV 2019

PROJECT  
2295 ST. LAURENT  
FIT UP  
OTTAWA, ONTARIO

**QUADRANT**  
an Instaelectric Company  
2283 ST. LAURENT BLVD., UNIT 203, OTTAWA, ONT., K1G 5A2  
TEL. (613) 567-1487 FAX. (613) 567-1493  
E-Mail: mail@quadrantengineering.ca

CURRENT DATE	
SCALE	1:100
DRAWN	YD
DESIGNED	YD
CHECKED	LVDL
PROJECT	19-Q025
DRAWING NUMBER	E-200

POWER LAYOUT



THIS DRAWING, OR PARTS THEREOF, MAY NOT BE REPRODUCED OR USED IN ANY FORM, BY ANY METHOD, FOR ANY PURPOSE, WITHOUT THE WRITTEN PERMISSION OF QUADRANT ENGINEERING.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION. WHERE CONFLICT ARISES THE MORE STRINGENT OF THE TWO SHALL APPLY.

COPYRIGHT © 2019 QUADRANT ENGINEERING.

THE ELECTRICAL CONTRACT DOCUMENTS ARE THE PROPERTY OF QUADRANT ENGINEERING (QE)

THE CONTRACTOR SHALL OBTAIN A FULL SET OF ALL CONSULTANTS' DESIGN DOCUMENTS PRIOR TO STARTING WORK.

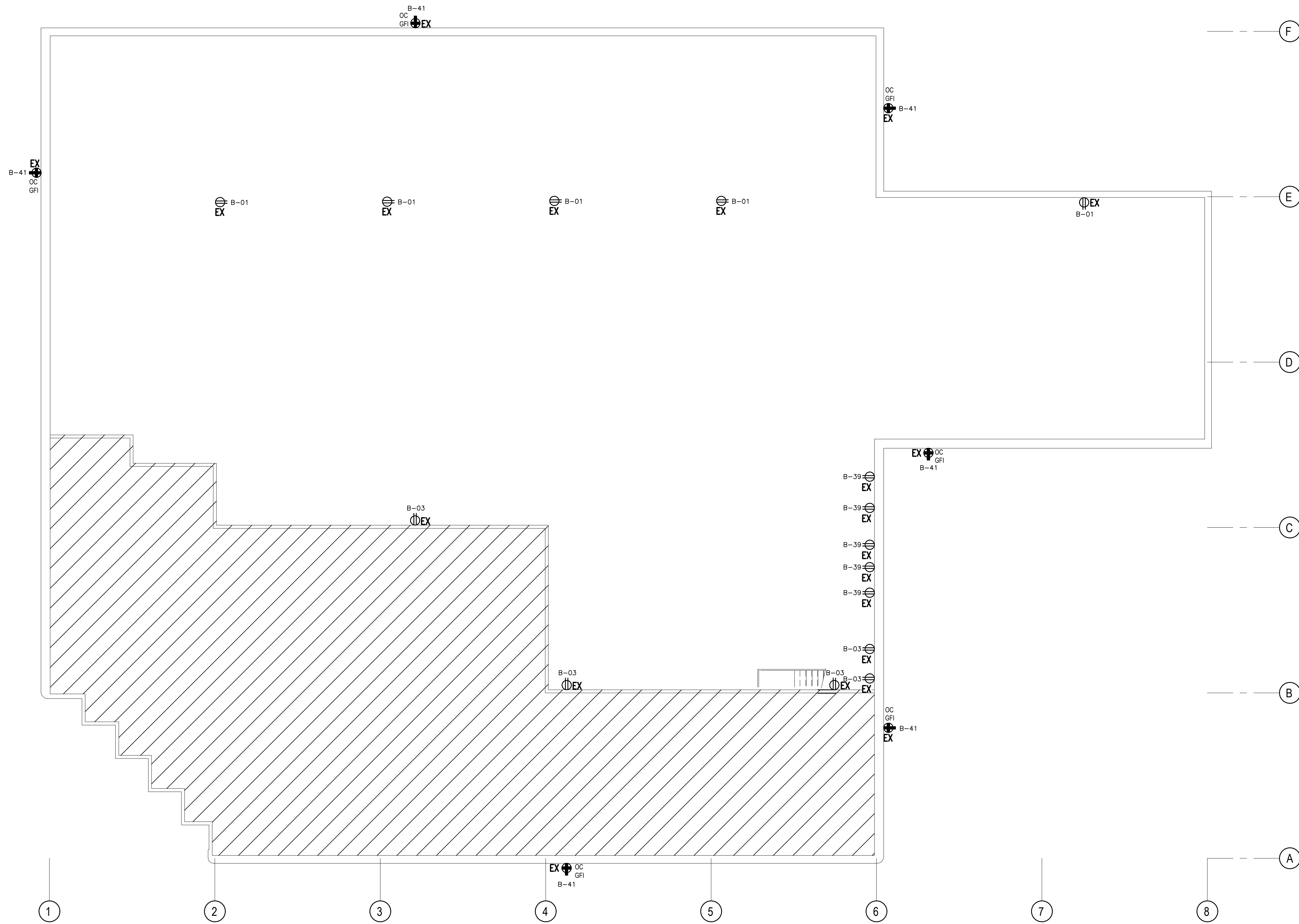
QE BEARS NO RESPONSIBILITY FOR INTERPRETATIONS OF THESE DOCUMENTS BY OTHERS.

UPON WRITTEN APPLICATION QE WILL PROVIDE WRITTEN CLARIFICATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.

QE REVIEW OF SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR IS FOR DESIGN CONFORMANCE ONLY.

DRAWINGS ARE NOT TO BE SCALED FOR CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS, ON SITE, REQUIRED TO PERFORM THE WORK AND REPORT ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS TO THE DESIGN TEAM BEFORE COMMENCING WORK.

19Q025E



- GENERAL NOTES:**
- ALL EXISTING FLOOR MOUNTED RECEPTACLES TO BE REPLACED UNITS FLUSH WITH THE GROUND
  - ALL RECEPTACLES TO BE 8" ABOVE MILLWORK. OTHERWISE HEIGHT TO BE COORDINATED ON SITE
  - WHERE APPLICABLE, EXISTING BASEBOARD HEATERS TO REMAIN

NO.	REVISION	DATE
2	ISSUED FOR PRICING	29 NOV 2019
1	ISSUED FOR PERMIT	15 NOV 2019

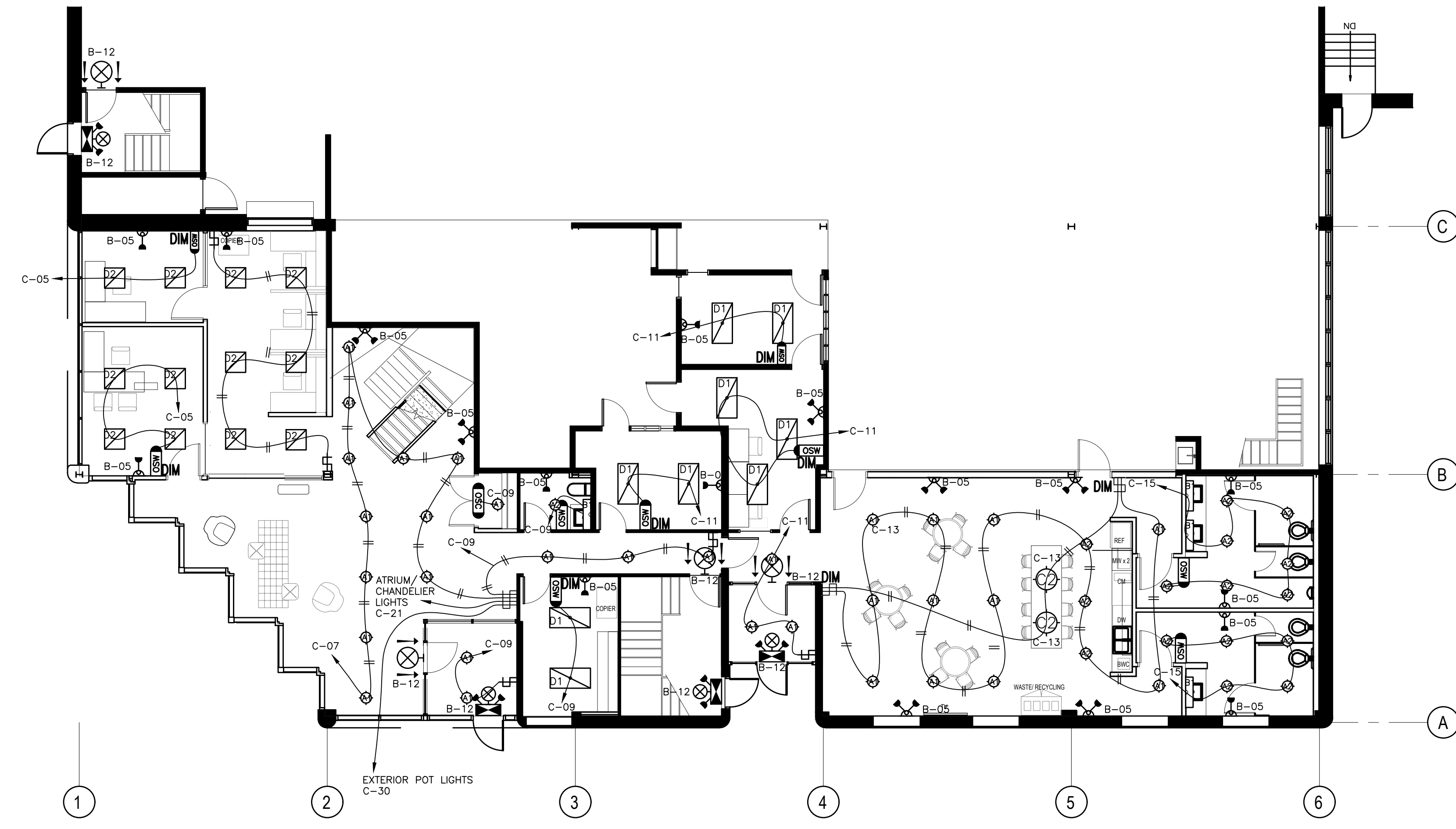
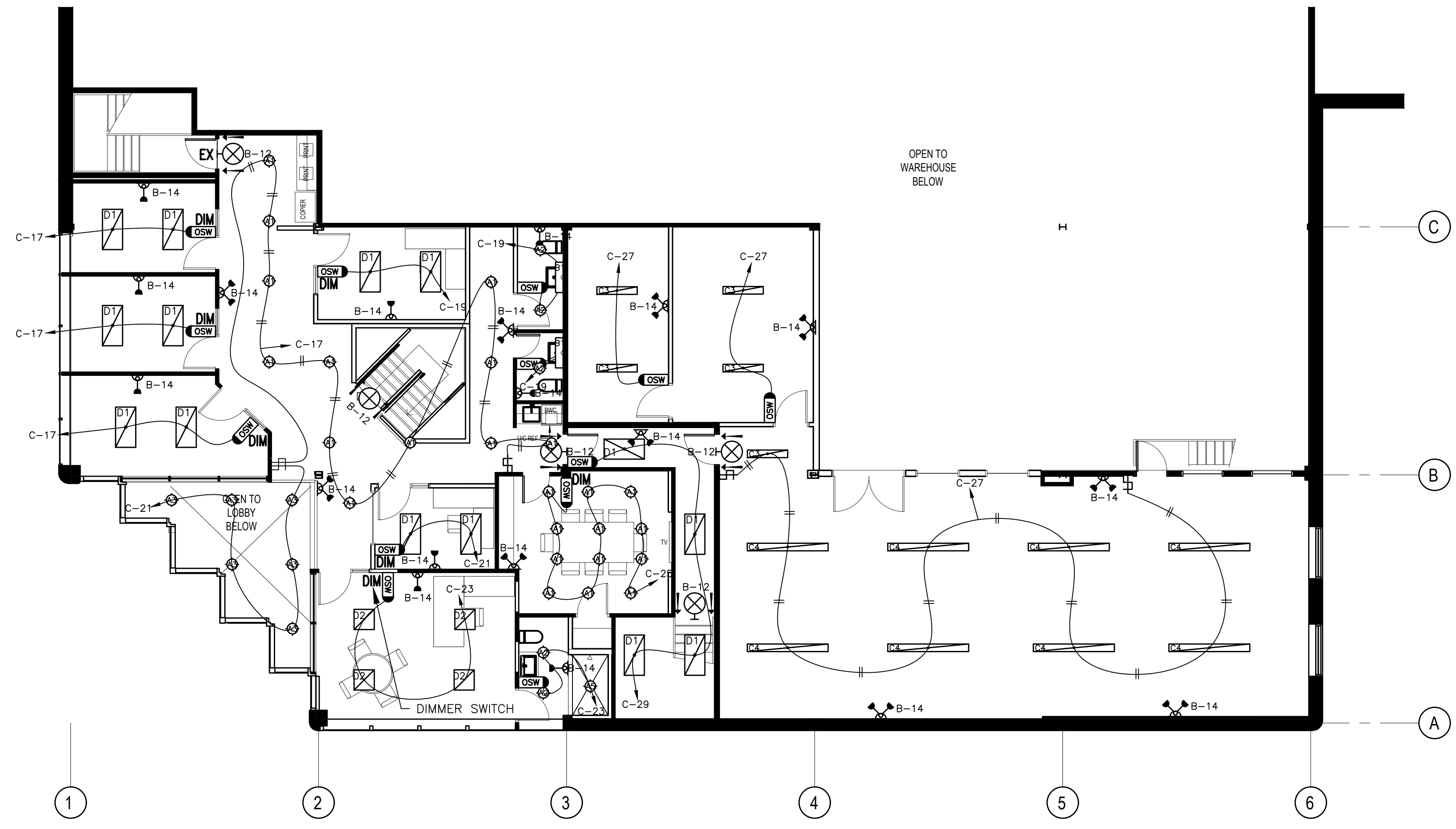
2295 ST. LAURENT  
FIT UP  
OTTAWA, ONTARIO

**QUADRANT**  
an Instelectric Company

2283 ST. LAURENT BLVD., UNIT 203, OTTAWA, ONT., K1G 5A2  
TEL. (613) 567-1487 FAX. (613) 567-1493  
E-Mail: mail@quadrantengineering.ca

CURRENT DATE	29 Nov 2019, 17:12
SCALE	1:100
DRAWN	YD
DESIGNED	AS
CHECKED	AS
PROJECT	19-Q025
DRAWING NUMBER	E-200

**POWER LAYOUT  
WAREHOUSE**



THIS DRAWING, OR PARTS THEREOF, MAY NOT BE REPRODUCED OR USED IN ANY FORM, BY ANY METHOD, FOR ANY PURPOSE, WITHOUT THE WRITTEN PERMISSION OF QUADRANT ENGINEERING.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION. WHERE CONFLICT ARISES THE MORE STRINGENT OF THE TWO SHALL APPLY.

COPYRIGHT © 2020 QUADRANT ENGINEERING.

THE ELECTRICAL CONTRACT DOCUMENTS ARE THE PROPERTY OF QUADRANT ENGINEERING (QE)

THE CONTRACTOR SHALL OBTAIN A FULL SET OF ALL CONSULTANTS' DESIGN DOCUMENTS PRIOR TO STARTING WORK.

QE BEARS NO RESPONSIBILITY FOR INTERPRETATIONS OF THESE DOCUMENTS BY OTHERS.

UPON WRITTEN APPLICATION QE WILL PROVIDE WRITTEN CLARIFICATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.

QE REVIEW OF SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR IS FOR DESIGN CONFORMANCE ONLY.

DRAWINGS ARE NOT TO BE SCALED FOR CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS, ON SITE, REQUIRED TO PERFORM THE WORK AND REPORT ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS TO THE DESIGN TEAM BEFORE COMMENCING WORK.

19Q025E

NO.	REVISION	DATE
8	RE-ISSUED FOR CONSTRUCTION	29 JAN 2020
7	ISSUED FOR CONSTRUCTION	24 JAN 2020
6	ISSUED FOR CCNE-03	15 JAN 2020
5	ISSUED FOR CCNE-01	09 JAN 2020
4	ISSUED FOR ADD-E02	16 DEC 2019
3	ISSUED FOR ADD-E01	13 DEC 2019
2	ISSUED FOR PRICING	29 NOV 2019
1	ISSUED FOR PERMIT	15 NOV 2019

2295 ST. LAURENT  
FIT UP  
OTTAWA, ONTARIO

**QUADRANT**  
an Instaelectric Company

2283 ST. LAURENT BLVD., UNIT 203, OTTAWA, ONT., K1G 5A2  
TEL. (613) 567-1487 FAX. (613) 567-1493  
E-Mail: mail@quadrantengineering.ca

CURRENT DATE	29 Jan 2020, 10:57
SCALE	1:100
DRAWN	YD
DESIGNED	YD
CHECKED	LVDL
PROJECT	19-Q025
DRAWING NUMBER	E-202

LIGHTING LAYOUT



ELECTRICAL SPECIFICATION

- GENERAL:**  
ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND BY-LAWS AND BE INSTALLED BY WORKERS SKILLED IN THAT PARTICULAR PORTION OF THE CONTRACT.
- SITE EXAMINATION:**  
EXAMINE SITE AND LOCAL CONDITIONS AFFECTING WORK UNDER THIS DIVISION TO ENSURE THAT WORK UNDER THIS DIVISION CAN BE SATISFACTORILY CARRIED OUT WITHOUT CHANGES TO DRAWINGS. NO ALLOWANCES WILL BE MADE LATER FOR ANY EXPENSES INCURRED THROUGH FAILURE TO MAKE THIS EXAMINATION. START OF WORK WILL BE DEEMED EVIDENCE OF ACCEPTANCE OF, AND SATISFACTION WITH, EXISTING CONDITIONS.
- GUARANTEE:**  
GUARANTEE ALL WORK FOR TWELVE (12) MONTHS FROM DATE OF ACCEPTANCE.
- PROTECTION:**  
ENSURE THAT ALL PROTECTIONS ARE TAKEN TO PROTECT ALL PERSONNEL FROM HAZARDS DURING WORK. PROTECT ALL EQUIPMENT FROM DAMAGE FROM ANY CAUSE.
- SCOPE OF WORK:**  
PERFORM ALL WORK AS SHOWN ON ELECTRICAL DRAWINGS AND AS COVERED IN THESE SPECIFICATIONS. FOLLOW MANUFACTURER'S INSTRUCTIONS REGARDING HANDLING, INSTALLING AND TESTING OF EQUIPMENT SPECIFIED HEREIN.
- MATERIALS:**  
USE ONLY NEW MATERIALS, FULLY CERTIFIED FOR USE AS INSTALLED, AND TO MEET THIS SPECIFICATION IN ALL RESPECTS.
- CLEAN-UP:**  
DURING THE COURSE OF INSTALLATION AND UPON COMPLETION, REMOVE ALL RUBBISH AND WASTE RESULTING FROM THIS WORK, TO THE SATISFACTION OF THE ENGINEER. CHECK, CLEAN AND REPAINT WHERE NECESSARY ALL ELECTRICAL EQUIPMENT, AND LEAVE IT IN FIRST CLASS CONDITION.
- GROUNDING:**  
GROUND ALL EQUIPMENT WITH APPROVED FITTINGS AND GROUND CONDUCTORS. ONTARIO ELECTRICAL SAFETY CODE OF AMPLE CAPACITY AS REQUIRED BY THE ALL GROUND CONDUCTORS SHALL HAVE GREEN INSULATION.
- RACEWAY AND FITTINGS:**  
INSTALL ALL WIRING IN EMT CONDUIT WITH THE FOLLOWING EXCEPTIONS:  
- USE RIGID PVC CONDUIT FOR UNDERGROUND WIRING & WIRING EXPOSED TO WEATHER.  
- USE RIGID PVC CONDUIT OR ELECTRICAL NON-METALLIC TUBING (COR-LINE) FOR WIRING EMBEDDED IN CONCRETE SLAB.  
- USE FLEXIBLE METAL CONDUIT FOR CONNECTIONS TO RECESSED LIGHTING FIXTURES.  
- USE LIQUID-TIGHT FLEXIBLE METAL CONDUIT FOR CONNECTIONS TO MOTORS EXPOSED TO WEATHER.  
- ARMoured CABLE TYPE AC90 MAY BE USED FOR BRANCH WIRING IN CEILING SPACE AND DOWN TO OUTLETS IN METAL STUD PARTITIONS.  
- **NMD90 MAY BE USED IN WOOD FRAME WHERE ACCEPTABLE TO E.S.A.**
- WIRING:**  
WIRING TO BE COPPER CONDUCTORS, No. 12 AWG MINIMUM OR AS INDICATED, CROSS LINKED POLYETHYLENE INSULATION RW90, EXCEPT AS FOLLOWS:  
- No. 14 AWG FOR CONTROL CIRCUITS FOR MECHANICAL EQUIPMENT.  
- No. 14 AWG MAY BE USED WITHIN SUITES.
- WIRING DEVICES:**  
SWITCHES AND RECEPTACLES TO BE SPECIFICATION GRADE. COVERPLATES FOR ALL WIRING DEVICES IN FLUSH MOUNTED OUTLET BOXES TO BE IVORY, FOR SURFACE MOUNTED BOXES TO BE GALVANIZED SHEET STEEL.
- PHOTOELECTRIC CELL:**  
TO BE WEATHERPROOF ENCLOSED, UNAFFECTED BY HUMIDITY, SPST, OPERATING RANGE -40° TO 60°. CONTROL SWITCH TO BE RATED MINIMUM 5A AT 120V TO TURN "ON" AND "OFF" OUTSIDE LIGHTS THROUGH LIGHTING CONTACTOR.
- DISCONNECT SWITCHES:**  
TO BE HEAVY DUTY, FUSED OR UNFUSED AS INDICATED, AND SIZED AS SHOWN ON THE DRAWINGS. DISCONNECT SWITCHES EXPOSED TO WEATHER TO HAVE WEATHERPROOF ENCLOSURE.
- PANELBOARDS:**  
PANELS TO BE SURFACE-MOUNTED (OR FLUSH MOUNTED WHERE INDICATED) CODE GAUGE PAINTED STEEL WITH LOCKABLE DOOR AND CONCEALED TRIM SCREWS. BREAKERS TO BE AMBIENT COMPENSATED, TRIP FREE, BOLTED TO THE BUS BARS. PROVIDE TYPED INDEX OF ALL CONNECTED LOADS FOR EACH PANELS, INCLUDING EXISTING PANELS.

- COMMUNICATIONS:**  
PROVIDE APPROPRIATE OUTLET BOXES AND EMPTY CONDUITS C/W PULL WIRES FOR COMMUNICATION SYSTEMS, AS SHOWN ON THE DRAWINGS AND AS REQUIRED.
- LIGHTING:**  
PROVIDE AND INSTALL LIGHTING FIXTURES, COMPLETE WITH LAMPS, AS SHOWN IN THE LIGHTING SCHEDULE.
- EXIT SIGNS:**  
PROVIDE EXIT SIGNS AS SHOWN ON DRAWINGS WITH THE FOLLOWING FEATURES:  
- TO CONSIST OF A GREEN PICTOGRAM AND WHITE GRAPHIC SYMBOL AS PER ISO-38641.  
- CONSTRUCTED OF ONE PIECE EXTRUDED ALUMINUM HOUSING AND FACE PLATES.  
- ILLUMINATED WITH WHITE LED LIGHT SOURCE LESS THAN 2.5W.  
- UNIVERSAL TYPE FOR WALL, END TO WALL, OR CEILING MOUNTING, AS REQUIRED.  
- DIRECTIONAL ARROWS AS SHOWN.  
- SUITABLE FOR 120V SUPPLY AND 12Vdc EMERGENCY OPERATION.)
- EMERGENCY LIGHTING:**  
PROVIDE EMERGENCY LIGHTING BATTERY UNIT SUITABLE FOR 120V SUPPLY WITH 12Vdc OUTPUT, COMPLETE WITH TWO INTEGRAL HEADS. SEALED, LONG LIFE LEAD BATTERY MAINTENANCE FREE, WITH 10-YEARS PRO-RATA WARRANTY. INTEGRAL AND REMOTE HEADS TO USE "LED" SEALED BEAM LAMP, 9W, 12Vdc. FULLY ADJUSTABLE MOUNTING SWIVEL.  
- COMBINATION TYPE WITH INTEGRAL STANDBY BATTERY PACK.
- RECORD DRAWINGS:**  
AFTER COMPLETION OF WORK PROVIDE A SET OF MARKED UP AS-BUILT PRINTS FOR RECORD PURPOSES.
- ELECTRICAL SAFETY:**  
TAKE OUT AND PAY FOR ELECTRICAL SAFETY AUTHORITY PERMIT. AT COMPLETION OF JOB, PROVIDE FINAL ELECTRICAL SAFETY AUTHORITY INSPECTION CERTIFICATE BEFORE APPLYING FOR FINAL PROGRESS PAYMENT.
- HYDRO OTTAWA CHARGES:**  
HYDRO-OTTAWA SERVICE CHARGES WILL BE PAID DIRECTLY BY THE OWNER.
- FIRE PROTECTION:**  
WHERE CABLES OR CONDUITS PASS THROUGH FLOORS AND FIRE RATED WALLS, PACK SPACE BETWEEN WIRING AND SLEEVE FULL OF FIREPROOF MATERIAL, AND SEAL WITH COMPOUND CONFORMING TO "CGB 19-GP-9MAT-AMDT-0CT-80".
- DEMOLITION:**  
ISOLATE FROM POWER SUPPLY AND MAKE SAFE ALL EXISTING ELECTRIC WORK TO BE REMOVED. DISPOSE OF DEMOLISHED MATERIALS UNLESS NOTED OTHERWISE. REMOVE ALL ABANDONED CONDUIT AND WIRING. EXISTING DEVICES SHOWN ON PLANS ARE APPROXIMATE LOCATION. CONTRACTOR TO VERIFY EXACT LOCATION OF EXISTING DEVICES TO BE USED IN CONJUNCTION WITH NEW RENOVATIONS.
- SEISMIC RESTRAINTS:**  
RETAIN A SEISMIC RESTRAINT SPECIALIST TO PERFORM CALCULATIONS AND TO SPECIFY A SEISMIC RESTRAINT SYSTEM AS REQUIRED FOR ANY ELECTRICAL EQUIPMENT, INCLUDING GENERATOR, SWITCHBOARD, DRY TYPE TRANSFORMERS, PANELS, CONDUITS, CABLE TRAY, LIGHT FIXTURES, ETC. THE SEISMIC RESTRAINT SPECIALIST SHALL BE AN INDEPENDENT STRUCTURAL ENGINEER, REGISTERED IN THE PROVINCE OF ONTARIO AND SPECIALIZING IN THIS TYPE OF WORK, AND TO BE ACCEPTABLE TO CONSULTANT. SUPPLY AND INSTALL THE SEISMIC RESTRAINT SYSTEM TO THE SATISFACTION OF THE SEISMIC RESTRAINT SPECIALIST. UPON COMPLETION OF THE PROJECT, PROVIDE A SEALED AND SIGNED STATEMENT FROM THE SEISMIC RESTRAINT SPECIALIST, CERTIFYING THAT ALL COMPONENTS AND PROVISIONS OF THE SEISMIC RESTRAINTS SYSTEM, AS APPLIED TO THE ELECTRICAL EQUIPMENT HAVE BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE ONTARIO BUILDING CODE.
- SHOP DRAWINGS** PROVIDE [ PDF ] COPIES OF SHOP DRAWINGS FOR THE FOLLOWING EQUIPMENT:  
- "C.O." CARBON MONOXIDE SYSTEM,  
- DISCONNECT SWITCHES,  
- ELECTRIC HEATERS - EMERGENCY BATTERY UNIT AND REMOTE HEADS,  
- LIGHTING CONTACTORS,  
- LIGHTING FIXTURES AND EXIT LIGHTS,  
- LIGHTING OCCUPANCY SENSOR AND/OR SWITCHES,  
- PANELBOARDS,  
- PHOTOCELL,  
- WEATHERPROOF RECEPTACLE "WHILE-IN-USE" & "EXTRA-DUTY" COVER PLATE.

LEGEND

	FLUORESCENT OR LED LIGHT FIXTURE CEILING MOUNTED
	FLUORESCENT OR LED LIGHT FIXTURE WALL MOUNTED
	LIGHT FIXTURE CEILING AND WALL MOUNTED
	LIGHT FIXTURE POLE MOUNTED
	PICTOGRAM - RUNNING MAN UNIVERSAL MOUNT, COMBINATION EXIT SIGN/ BATTERY PACK C/W LED 2-HEADS/
	EMERGENCY LIGHTING BATTERY UNIT WITH TWO INTEGRAL "LED" HEADS
	REMOTE EMERGENCY LED HEADS MTD: WALL OR CEILING
	PICTOGRAM EXIT SIGN CEILING AND WALL MOUNTED DIRECTIONAL ARROWS AS SHOWN DF - DOUBLE FACE
	SINGLE POLE TOGGLE SWITCH (MTD 1100mm AFF)
	DOUBLE POLE TOGGLE SWITCH (MTD 1100mm AFF)
	GANGED SWITCHED UNDER ONE COVER (MTD 1100mm AFF)
	THREE WAY TOGGLE SWITCH (MTD 1100mm AFF)
	FOUR WAY TOGGLE SWITCH (MTD 1100mm AFF)
	347V TOGGLE SWITCH (MTD 1100mm AFF)
	DIMMER SWITCH (MTD 1100mm AFF)
	SPEED CONTROL SWITCH (MTD 1100mm AFF)
	WALL MOUNTED OCCUPANCY SENSOR (MTD 1100mm AFF)
	CEILING MOUNTED OCCUPANCY SENSOR
	DUPLEX RECEPTACLE 120V, 15A
	DUPLEX RECEPTACLE 120V, 15A ON SEPARATE CIRCUIT
	DUPLEX RECEPTACLE 120V, 15A SPLIT WIRED (2 CIRCUITS)
	DUPLEX RECEPTACLE - UPPER HALF SWITCHED
	SINGLE RECEPTACLE 120V, 15A
	FLOOR MOUNTED DUPLEX RECEPTACLE SPECIAL PURPOSE RECEPTACLE, AMPS AND VOLTS AS NOTES
	DUPLEX RECEPTACLE 120V, 20A 5-20R (1-SLOT) CSA RECEPTACLE (QUAD) (2) DUPLEX RECEPTABLES 120V, 15A
	DIRECT CONNECTION TO EQUIPMENT
	WIRING IN/ON WALL OR CEILING
	WIRING - 3 #12 CONDUCTOR OR AS INDICATED. UNMARKED RUNS - 2 #12 WIRING IN FLOOR OR UNDERGROUND
	WIRING UP
	WIRING DOWN
	HOME RUN
	CONTROL WIRING
	FLEXIBLE CONNECTION
	OUTLET BOX 4" x 4" x 2 1/8" (100 x 100 x 50mm) OR AS REQUIRED
	JUNCTION BOX SIZE AS REQUIRED
	PANELBOARD
	DISCONNECT SWITCH, FUSED IF NOTED
	SINGLE PHASE MOTOR CONNECTION
	THREE PHASE MOTOR CONNECTION
	MOTORIZED DAMPER
	MANUAL MOTOR STARTER
	MAGNETIC MOTOR STARTER
	COMBINATION MAGNETIC MOTOR STARTER
	CONTACTOR
	120V THERMOSTAT (MTD. 1100mm AFF)
	TIME SWITCH
	PHOTOCELL
	ELECTRIC BASEBOARD HEATER
	ELECTRIC BASEBOARD HEATER C/W BUILT-IN THERMOSTAT
	ELECTRIC UNIT HEATER
	ELECTRIC FORCED FLOW HEATER
	HEATER TYPE 'A' 2.0 KW
	TELEPHONE OUTLET
	TELEVISION OUTLET
	DATA LINE OUTLET
	COMBINATION DATA/TELEPHONE OUTLET
	CHIME
	PILOT LIGHT

LEGEND (continued)

	FIRE ALARM MANUAL PULL STATION (MTD 1200mm AFF)
	FIRE ALARM HORN (MTD 2100mm AFF)
	COMBINATION FIRE ALARM STROBE LIGHT & HORN (MTD 2100mm AFF)
	CEILING MOUNTED FIRE ALARM STROBE LIGHT
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM HEAT DETECTOR
	FIRE ALARM SMOKE DETECTOR DUCT MOUNTED
	120V COMBINATION STROBE/ SMOKE ALARM C/W 7-DAY BATTERY FOR SMOKE AND INTEGRAL SILENCING DEVICE.
	120V SELF CONTAINED CARBON MONOXIDE "CO" ALARM.
	FIRE ALARM END-OF-LINE RESISTOR
	END-OF-LINE RESISTOR .
	FIRE ALARM MAGNETIC DOOR HOLDER
	FLOW SWITCH
	PRESSURE SWITCH
	TAMPER SWITCH
	FIREMAN'S VOICE COMMUNICATION HANDSET
	FIRE ALARM - VOICE COMMUNICATION SPEAKER - CEILING AND WALL MOUNTED
	DRYER AMP SENSOR
	MAG-LOCK CAR READER
	MAG-LOCK
	ARC FAULT CCT. INTERRUPTER (FOR APT. UNITS ONLY)
	DRYER AMP SENSOR
	BATH SUITE - BATHROOM EXHAUST FAN
	COMMON COMMUNICATION BOX
	CEILING MOUNTED AND/OR MOUNTED HIGH ON WALL (MEANS OF DISCONNECT) IN PUBLIC AREAS.
	DRYER
	FLOOR MOUNTED
	GROUND FAULT CCT. INTERRUPTER
	MICROWAVE
	NIGHT LIGHT UNSWITCHED LIGHT FIXTURES (24hr)
	OVER COUNTER
	ELECTRICAL PANEL OR LOAD CENTRE
	RANGE
	UNDER COUNTER
	UNDER (KITCHEN) CUPBOARD LIGHTING
	UNDER COUNTER LIGHTING
	WEATHERPROOF
	WEATHERPROOF RECEPTACLE TO BE "WHILE-IN-USE" & "EXTRA-DUTY"

GENERAL NOTES:

- ALL EMPTY CONDUIT TO BE C/W PULL ROPE.
- EXACT LOCATION OF EQUIPMENT SUBJECTED TO COORDINATION WITH MECHANICAL.
- ALL NEW AND/OR RELOCATED LIGHT SWITCHES TO BE HEIGHT TAKEN 1100mm AFF. - 1100mm MOUNTED FROM TOP OF FINISHED FLOOR LEVEL "AFF" TO CENTER OF JUNCTION BOX.
- ALL NEW AND/OR RELOCATED "WALL MOUNTED" F/A HORNS & F/A STROBES TO BE HEIGHT TAKEN 2100mm AFF. - 2100mm MOUNTED FROM TOP OF FINISHED FLOOR LEVEL "AFF" TO CENTER OF JUNCTION BOX.
- ALL NEW AND/OR RELOCATED F/A PULL STATIONS TO BE HEIGHT TAKEN 1200mm AFF. - 1200mm MOUNTED FROM TOP OF FINISHED FLOOR LEVEL "AFF" TO CENTER OF JUNCTION BOX.
- HANDICAP PUSH DOOR BUTTONS REFER TO ARCHITECTURAL FLOOR PLANS FOR FINAL LOCATION TO EXACT HORIZONTAL PLACEMENT OF HANDICAP DOOR OPERATOR PUSH BUTTONS ALONG WALL - IN CONJUNCTION WITH LOCATIONS OF HC PUSH BUTTONS SHOWN ON ELECTRICAL FLOOR PLANS.
- LOCATION OF OUTLETS DO NOT INSTALL OUTLETS BACK-TO-BACK HORIZONTAL 150mm IN WALL; ALLOW MINIMUM CLEARANCE BETWEEN BOXES.
- IN ADDITION TO GENERAL NOTE #7 AND IN KEEPING THE ELECTRICAL CODE RECEPTACLE SPACING REQUIREMENTS, OUTLETS INSTALLED ON SHARED DEMISING WALLS BETWEEN APARTMENT SUITES ARE NOT TO SHARE THE SAME STUD CAVITY.
- ALL DUPLEX RECEPTACLES MUST COMPLY WITH THE "TAMPERPROOF" REQUIREMENTS OF THE E.S.C.

LIGHT FIXTURE SCHEDULE - INTERIOR			
SYM	LAMPS	VOLT	SPECIFICATIONS:
A1	LED	120V 13.5W	MODEL: 4RLD G3 09LM 35K 90CRI 120 FRPC WWH M6 MANUFACTURER: JUNO LIGHTING 4" RECESSED RETROFIT TRIM MODULE WHITE BAFFLE
A2	LED	120V 13.5W	MODEL: 4RLD G3 09LM 30K 90CRI 120 FRPC WWH M6 MANUFACTURER: JUNO LIGHTING 4" RECESSED RETROFIT TRIM MODULE WHITE BAFFLE
A3	LED	120V 42.1W	MODEL: L4 40LM 35K 120 G4 80CRI ZT HN CSS MANUFACTURER: INDY INDY 4" DIA. 1-LED 4000LM, 35K 80CRI, GEN4
A4	LED	120V 18.2W	MODEL: NF1xxB35[F1/F2/E1/E2/E3/E4]M04 MANUFACTURER: FLUXWERX ILLUMINATION INC
A5	LED	120V 13.5W	MODEL: EVO6SH 30/10 DFFAM SOL MANUFACTURER: GOTHAM ARCHITECTURAL LIGHTING EVO 6IN SHOWER, 3000K, 1000LM, FLUSH SOLITE, 80CRI
B1	LED	120V 13.8W	MODEL: 3541+74541-35_REG-LED
B2	LED	120V 26.1W OR 14.5W	MODEL: 3541+74541-47-LED_HO OR MODEL: 3531-23_HO-LED
C2	LED	120V 30.7W	MODEL: 4257_ANTE
C3	LED	120V 30.7W	MODEL: BLWP4 100L ADP LP835 MANUFACTURER: LITHONIA LIGHTING BLWP 4FT 10000 NOMINAL LUMENS, CURVED LINEAR LENS 3500K CCT, 80CRI
C4	LED	120V 30.7W	MODEL: BLWP8 100L ADP LP835 MANUFACTURER: LITHONIA LIGHTING BLWP 4FT 10000 NOMINAL LUMENS, CURVED LINEAR LENS 3500K CCT
D1	LED	120V 40.8W	MODEL: CPX 2X4 4000LM 35K XX MANUFACTURER: LITHONIA LIGHTING CPX FLAT PANEL 2X4, 4000 LUMENS, 35K CCT
D2	LED	120V 28.9W	MODEL: CPX 2X2 3200LM 35K XX MANUFACTURER: LITHONIA LIGHTING CPX FLAT PANEL 2X2, 3200 LUMENS, 35K CCT
E	LED	120V 14W	MODEL: CP6RB10810W MANUFACTURER: PHILIPS - LIGHTOLIER

120V EMERGENCY LIGHTING & EXIT			
SYSTEM	LAMPS	VOLT	DESCRIPTION
PICTOGRAM	LED	120V 12V	PICTOGRAM - RUNNING MAN UNIVERSAL MOUNT EXIT LIGHT
			EXIT LIGHT CEILING & WALL MOUNTED DIRECTION ARROWS AS SHOWN DF - DOUBLE FACE
	9W LED	12Vdc	REMOTE EMERGENCY LED HEADS MTD: WALL OR CEILING
	9W LED	120V 12Vdc	EMERGENCY LIGHTING BATTERY UNIT WITH TWO INTEGRAL LED HEADS SURFACE MOUNTED: PROVIDE 1/2hr RATING (ADD 50W EXTRA)
PICTOGRAM	9W LED	120V 12Vdc	PICTOGRAM - RUNNING MAN UNIVERSAL MOUNT, COMBINATION EXIT SIGN/ BATTERY PACK C/W LED 2-HEADS/  TO SATISFY THE REQUIREMENTS OF THE ONTARIO BUILDING CODE  ALL COMBO UNITS TO HAVE 1/2hr RATING.
PROVIDE #10 AWG MINIMUM FOR ALL 12Vdc WIRING			

THIS DRAWING OR PARTS THEREOF, MAY NOT BE REPRODUCED OR USED IN ANY FORM, BY ANY METHOD, FOR ANY PURPOSE, WITHOUT THE WRITTEN PERMISSION OF QUADRANT ENGINEERING.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION, WHERE CONFLICT ARISES THE MORE STRINGENT OF THE TWO SHALL APPLY.

COPYRIGHT © 2020 QUADRANT ENGINEERING.

THE ELECTRICAL CONTRACT DOCUMENTS ARE THE PROPERTY OF QUADRANT ENGINEERING (QE)

THE CONTRACTOR SHALL OBTAIN A FULL SET OF ALL CONSULTANTS' DESIGN DOCUMENTS PRIOR TO STARTING WORK.

QE BEARS NO RESPONSIBILITY FOR INTERPRETATIONS OF THESE DOCUMENTS BY OTHERS.

UPON WRITTEN APPLICATION QE WILL PROVIDE WRITTEN CLARIFICATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.

QE REVIEW OF SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR IS FOR DESIGN CONFORMANCE ONLY.

DRAWINGS ARE NOT TO BE SCALED FOR CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS, ON SITE, REQUIRED TO PERFORM THE WORK AND REPORT ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS TO THE DESIGN TEAM BEFORE COMMENCING WORK.

NO.	REVISION	DATE
8	RE-ISSUED FOR CONSTRUCTION	29 JAN 2020
7	ISSUED FOR CONSTRUCTION	24 JAN 2020
6	ISSUED FOR CCNE-03	15 JAN 2020
5	ISSUED FOR CCNE-01	09 JAN 2020
4	ISSUED FOR ADD-E02	16 DEC 2019
3	ISSUED FOR ADD-E01	13 DEC 2019
2	ISSUED FOR PRICING	29 NOV 2019
1	ISSUED FOR PERMIT	15 NOV 2019

PROJECT

2295 ST. LAURENT  
FIT UP  
OTTAWA, ONTARIO

**QUADRANT**  
an Instalelectric Company

2283 ST. LAURENT BLVD., UNIT 203, OTTAWA, ONT., K1G 5A2  
TEL. (613) 567-1487 FAX. (613) 567-1493  
E-Mail: mail@quadrantengineering.ca

CURRENT DATE	Wed, 29 Jan 2020, 10:57
SCALE	NTS
DRAWN	YD
DESIGNED	YD
CHECKED	LVDL
PROJECT	19-Q025
DRAWING NUMBER	E-400

DETAILS, LEGEND, AND NOTES

THIS DRAWING, OR PARTS THEREOF, MAY NOT BE REPRODUCED OR USED IN ANY FORM, BY ANY METHOD, FOR ANY PURPOSE, WITHOUT THE WRITTEN PERMISSION OF QUADRANT ENGINEERING.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION. WHERE CONFLICT ARISES THE MORE STRINGENT OF THE TWO SHALL APPLY.

COPYRIGHT © 2020 QUADRANT ENGINEERING.

19Q025E

THE ELECTRICAL CONTRACT DOCUMENTS ARE THE PROPERTY OF QUADRANT ENGINEERING (QE)

THE CONTRACTOR SHALL OBTAIN A FULL SET OF ALL CONSULTANTS' DESIGN DOCUMENTS PRIOR TO STARTING WORK.

QE BEARS NO RESPONSIBILITY FOR INTERPRETATIONS OF THESE DOCUMENTS BY OTHERS.

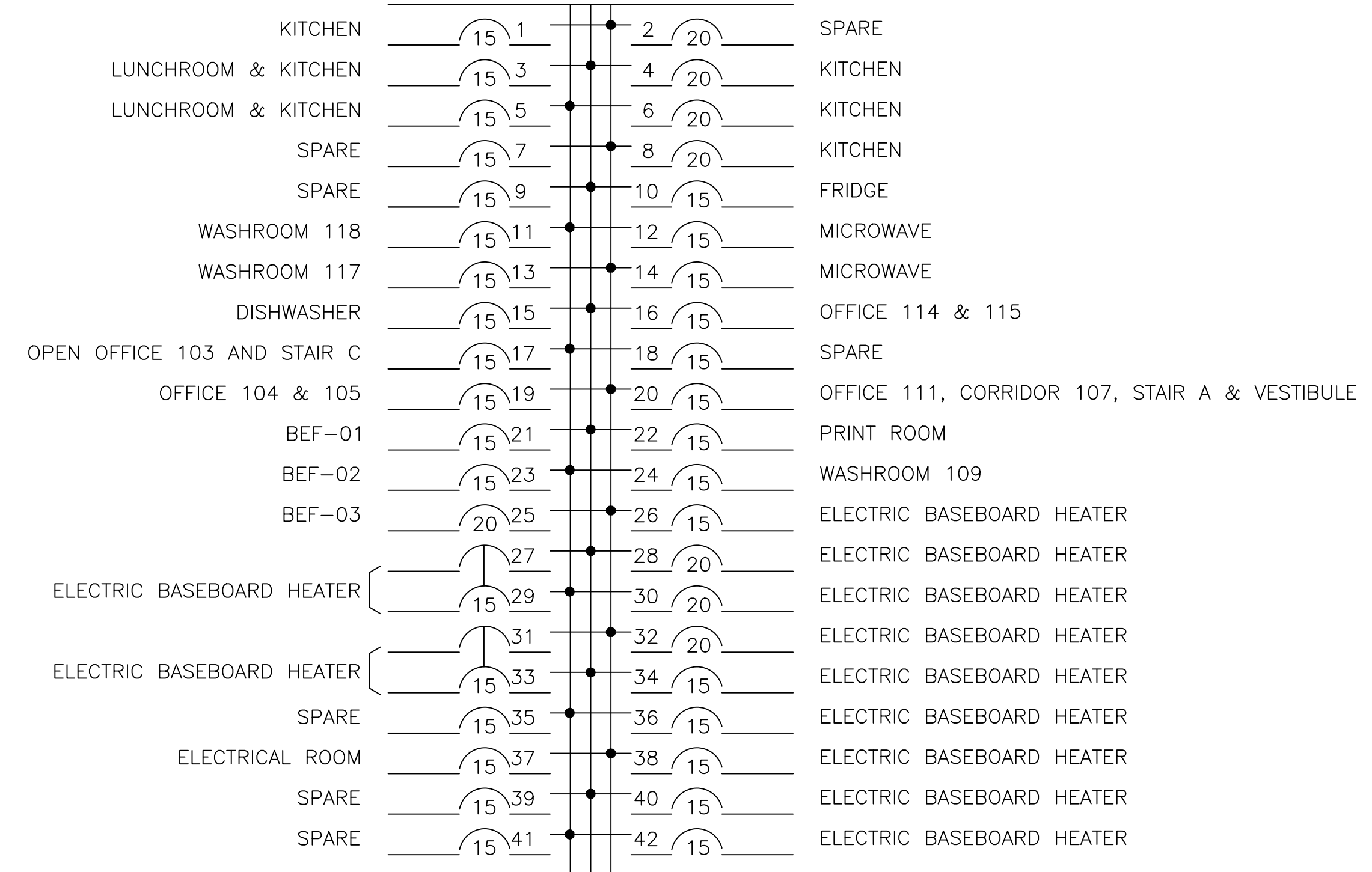
UPON WRITTEN APPLICATION QE WILL PROVIDE WRITTEN CLARIFICATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.

QE REVIEW OF SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR IS FOR DESIGN CONFORMANCE ONLY.

DRAWINGS ARE NOT TO BE SCALED FOR CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS, ON SITE, REQUIRED TO PERFORM THE WORK AND REPORT ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS TO THE DESIGN TEAM BEFORE COMMENCING WORK.

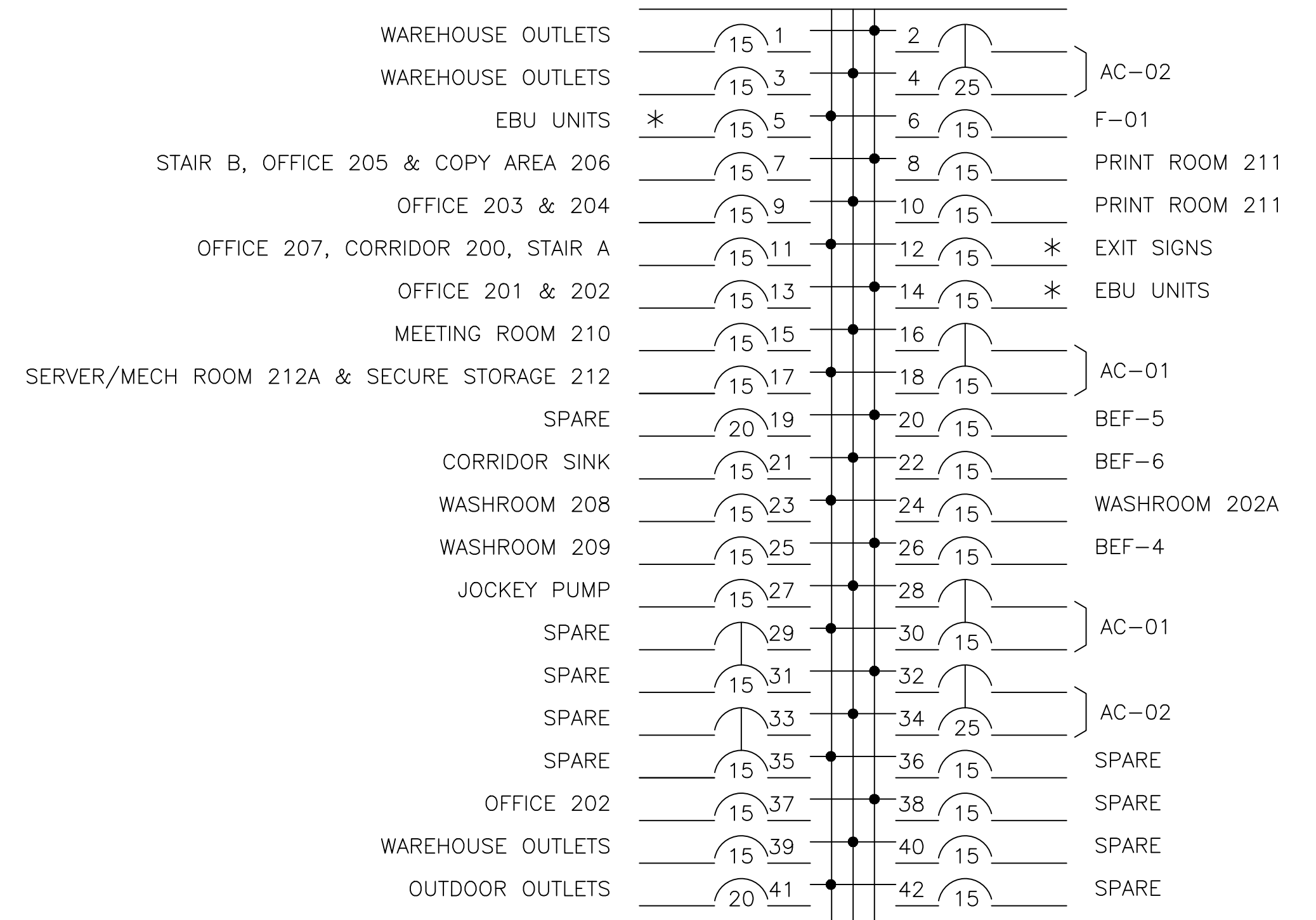
**PANEL 'A'**

VOLTAGE 120/208V  
 PHASE 3Ø, 4W  
 POLES 42  
 RATING AMPS 225A  
 TRIM SURFACE  
 MAIN BKR N.R.  
 BRANCH BKRS BOLT-ON



**PANEL 'B'**

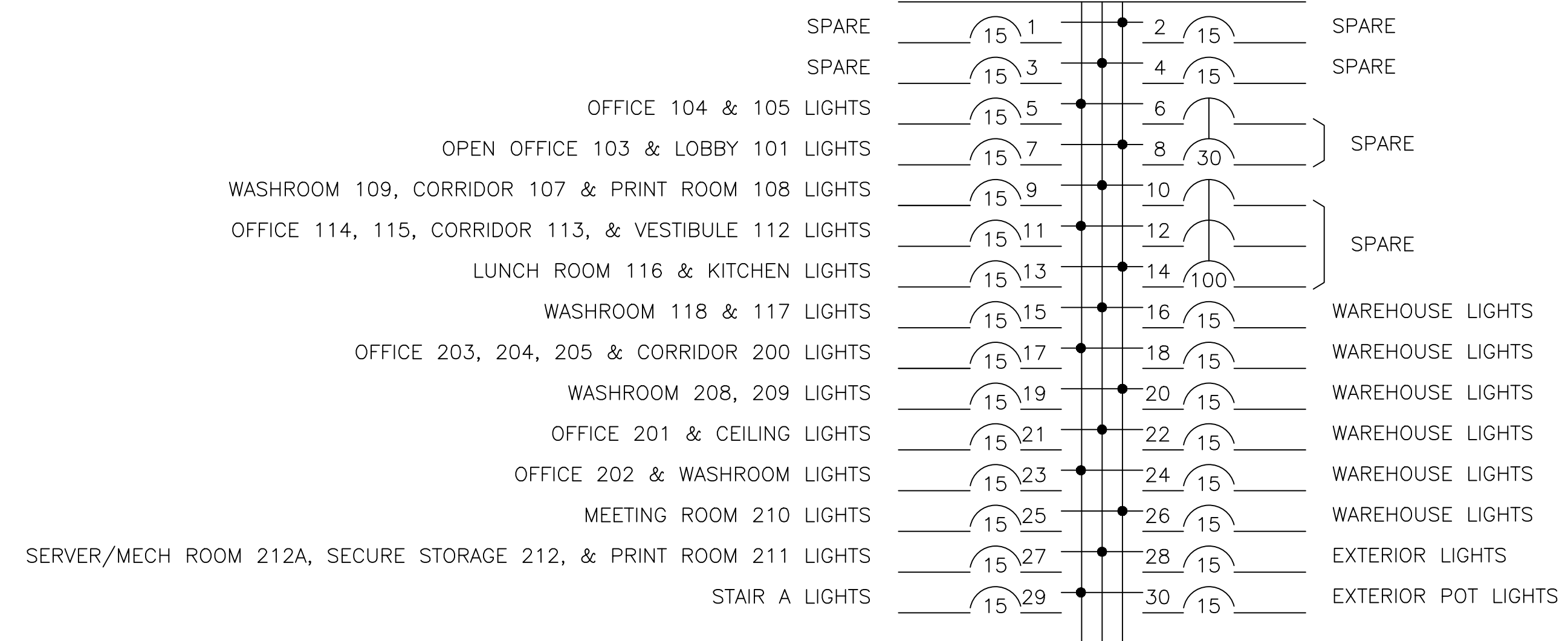
VOLTAGE 120/208V  
 PHASE 3Ø, 4W  
 POLES 42  
 RATING AMPS 225A  
 TRIM SURFACE  
 MAIN BKR N.R.  
 BRANCH BKRS BOLT-ON



\* = PROVIDE LOCK ON DEVICE

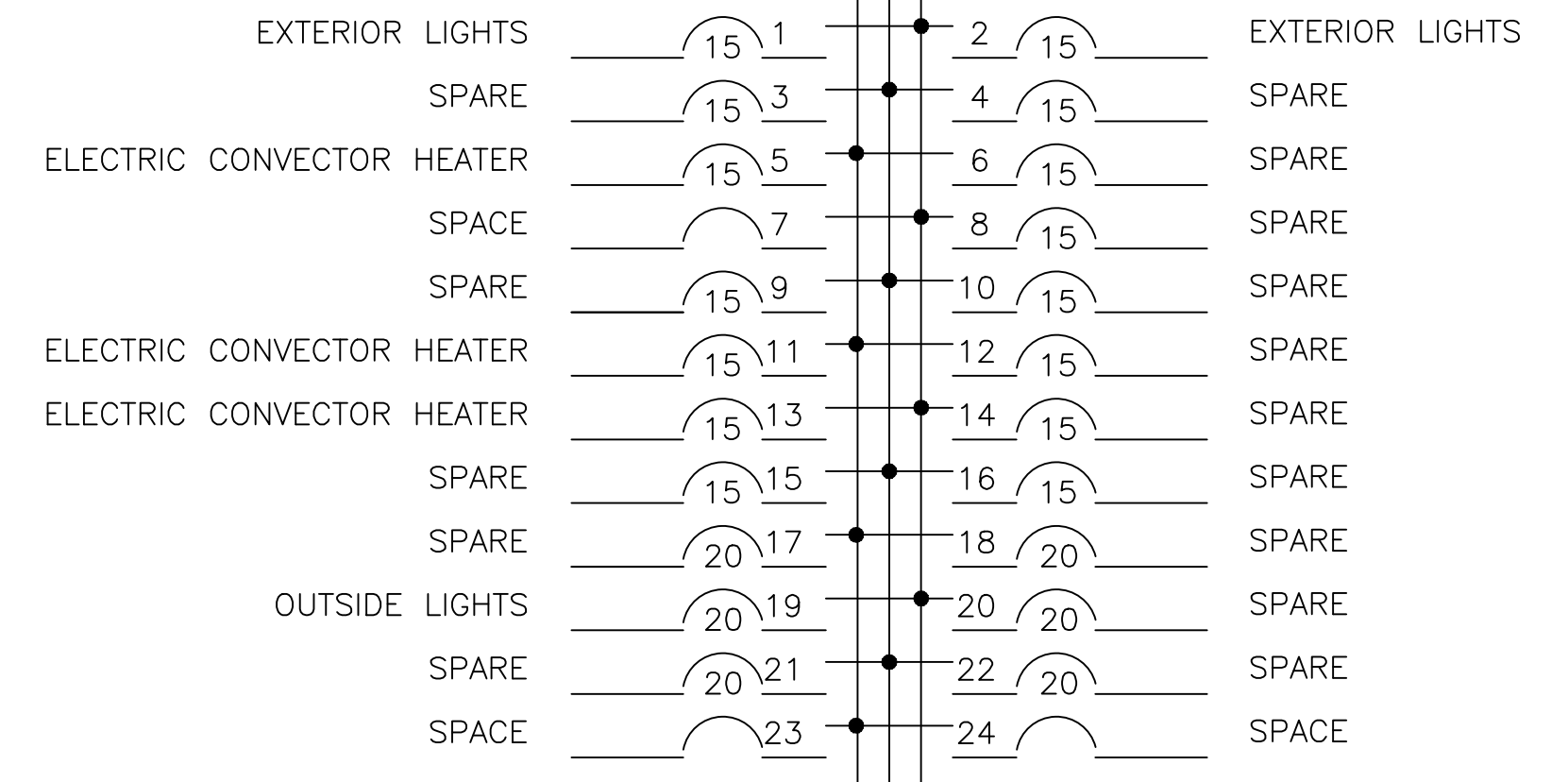
**PANEL 'C'**

VOLTAGE 120/208V  
 PHASE 3Ø, 4W  
 POLES 30  
 RATING AMPS 125A  
 TRIM SURFACE  
 MAIN BKR 100A  
 BRANCH BKRS BOLT-ON



**PANEL 'D'**

VOLTAGE 347/600V  
 PHASE 3Ø, 4W  
 POLES 24  
 RATING AMPS 100A  
 TRIM SURFACE  
 MAIN BKR N.R.  
 BRANCH BKRS BOLT-ON



**GENERAL NOTES:**

- EXISTING PANELS TO BE REUSED AND MODIFIED TO SUIT NEW LAYOUT. EXISTING BREAKERS ARE TO BE USED WHERE POSSIBLE, WITH NEW BREAKERS PROVIDED AS NEEDED.

NO.	REVISION	DATE
8	RE-ISSUED FOR CONSTRUCTION	29 JAN 2020
7	ISSUED FOR CONSTRUCTION	24 JAN 2020
6	ISSUED FOR CCNE-03	15 JAN 2020
5	ISSUED FOR CCNE-01	09 JAN 2020
4	ISSUED FOR ADD-E02	16 DEC 2019
3	ISSUED FOR ADD-E01	13 DEC 2019
2	ISSUED FOR PRICING	29 NOV 2019
1	ISSUED FOR PERMIT	15 NOV 2019

2295 ST. LAURENT  
 FIT UP  
 OTTAWA, ONTARIO

**QUADRANT**  
 an Instaelectric Company  
 2283 ST. LAURENT BLVD., UNIT 203, OTTAWA, ONT., K1G 5A2  
 TEL. (613) 567-1487 FAX. (613) 567-1493  
 E-Mail: mail@quadrantengineering.ca

NO.	REVISION	DATE
SCALE	NTS	
DRAWN	YD	
DESIGNED	YD	
CHECKED	LVDL	
PROJECT	19-Q025	
DRAWING NUMBER	E-300	

**PANEL DETAILS**

THIS DRAWING, OR PARTS THEREOF, MAY NOT BE REPRODUCED OR USED IN ANY FORM, BY ANY METHOD, FOR ANY PURPOSE, WITHOUT THE WRITTEN PERMISSION OF QUADRANT ENGINEERING.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION. WHERE CONFLICT ARISES THE MORE STRINGENT OF THE TWO SHALL APPLY.

COPYRIGHT © 2020 QUADRANT ENGINEERING.

THE ELECTRICAL CONTRACT DOCUMENTS ARE THE PROPERTY OF QUADRANT ENGINEERING (QE)

THE CONTRACTOR SHALL OBTAIN A FULL SET OF ALL CONSULTANTS' DESIGN DOCUMENTS PRIOR TO STARTING WORK.

QE BEARS NO RESPONSIBILITY FOR INTERPRETATIONS OF THESE DOCUMENTS BY OTHERS.

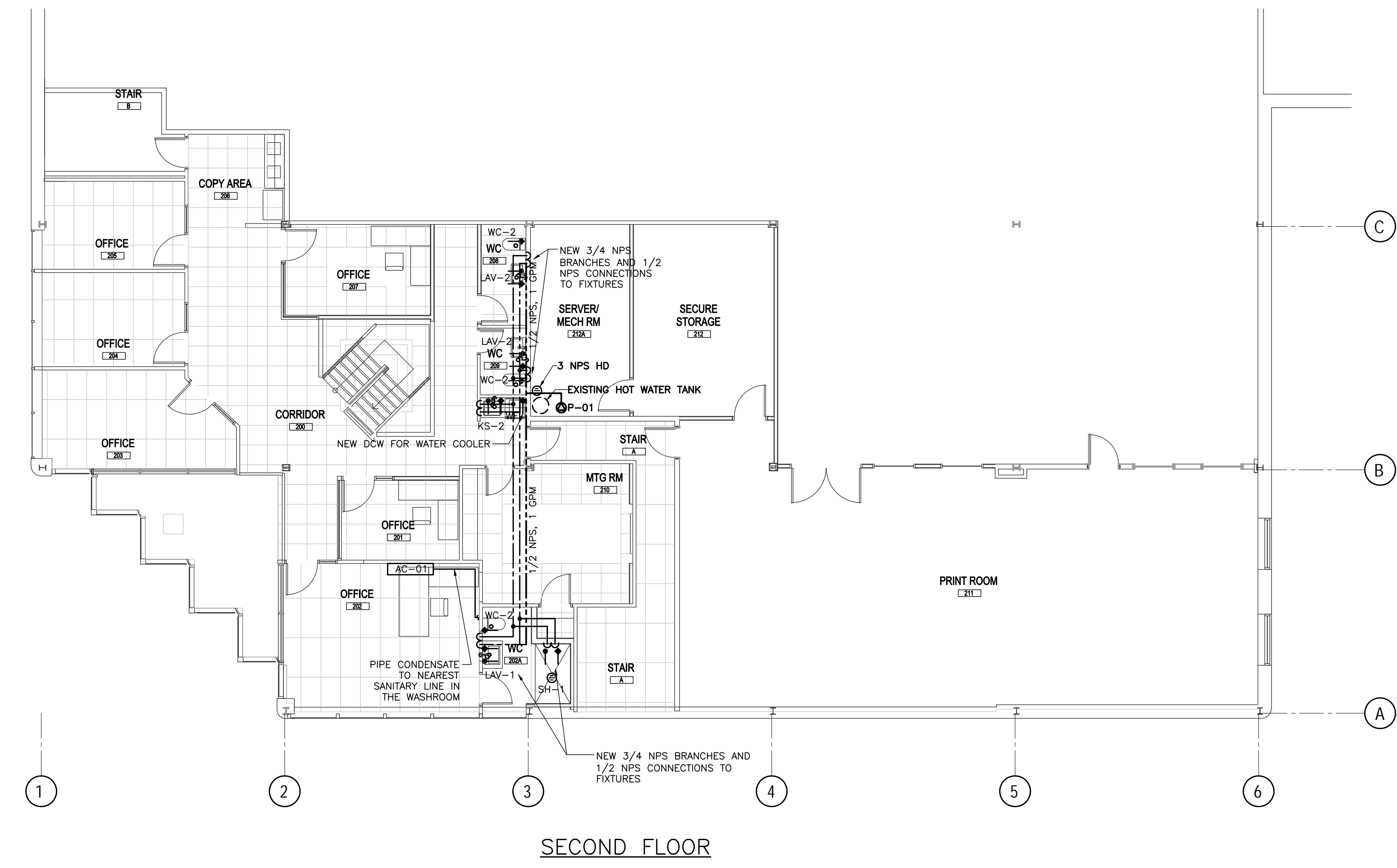
UPON WRITTEN APPLICATION QE WILL PROVIDE WRITTEN CLARIFICATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.

QE REVIEW OF SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR IS FOR DESIGN CONFORMANCE ONLY.

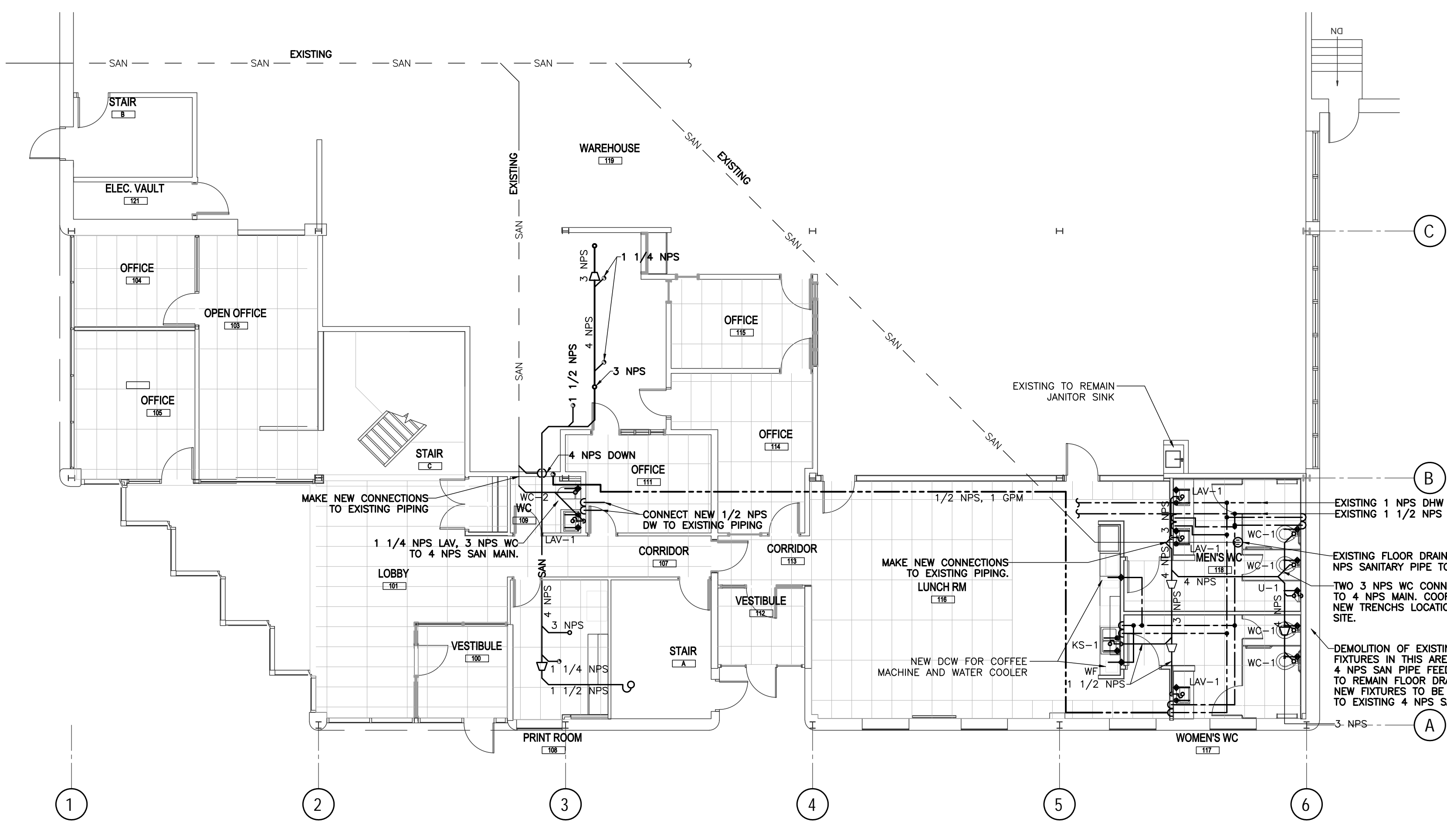
DRAWINGS ARE NOT TO BE SCALED FOR CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS, ON SITE, REQUIRED TO PERFORM THE WORK AND REPORT ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS TO THE DESIGN TEAM BEFORE COMMENCING WORK.

NOTES

- THE PROJECT CONSISTS OF A RENOVATION OF AN EXISTING OFFICE BUILDING. WAREHOUSE TO REMAIN AS IT IS.
- ALL EXISTING AND NEW SAN PIPING UNDERGROUND TO BE CCTV CHECKED PRIOR TO OCCUPANCY.
- TYPICAL: CONNECT NEW SANITARY PIPING TO EXISTING BUILDING PIPING.
- TYPICAL: CONNECT NEW WATER PIPING TO EXISTING BUILDING WATER PIPING.
- TYPICAL: CONNECT NEW FIXTURES TO EXISTING BUILDING VENT PIPING.
- LINE BREAKS ARE FOR CLARITY AND DO NOT NECESSARILY SHOW ORDER OF INSTALLATION.
- NOT ALL REQUIRED CLEANOUTS ARE SHOWN. PROVIDE ALL CODE REQUIRED CLEANOUTS.
- NUMBER, LOCATIONS OF FIXTURES: ARCHITECTURAL DRAWINGS TO GOVERN.
- IT IS THE INTENT OF THESE DRAWINGS THAT THE MECHANICAL CONTRACTOR PROVIDE A COMPLETE EQUIPMENT AND FITTINGS, WHETHER OR NOT ALL SUCH ITEMS ARE EXPLICITLY SHOWN ON THESE DRAWINGS. IN ALL CASES OF UNCERTAINTY THE ENGINEER SHALL BE REQUESTED IN WRITING TO PROVIDE CLARIFICATION IN WRITING.
- CONTRACTOR TO VISIT SITE BEFORE TENDER AND ASCERTAIN ALL SITE CONDITIONS BEFORE BIDDING. REPORT ALL DISCREPANCIES TO ENGINEER BEFORE TENDER.
- MECHANICAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND ELECTRICAL PLANS.
- CONTRACTOR IS TO CO-ORDINATE LOCATIONS OF DUCTWORK, PIPING AND FIXTURES WITH OTHER TRADES.
- SEAL ALL PENETRATIONS OF WALLS BY PIPING, CONTROL WIRING AND DUCTWORK.
- ESCUTCHEON COVERS TO BE PROVIDED FOR ALL PIPING PASSING THROUGH FINISHED WALLS.
- ALL PIPING INSTALLED ALONG OUTSIDE WALLS IS TO BE ROUTED ON THE WARM SIDE OF THE BUILDING INSULATION.
- PROVIDE ISOLATION VALVES ON ALL WATER SUPPLY CONNECTIONS TO PLUMBING FIXTURES.
- ALL VALVES AND STRAINERS TO BE LINE SIZE.
- ALL EXPOSED PLUMBING IS TO BE FINISHED AND CHROMED PLATED.
- PROVIDE AS-BUILT PLANS. CONTRACTORS ARE RESPONSIBLE FOR INDICATING THE EXACT LOCATIONS OF UNDERGROUND PIPING.
- PIPE SIZES ARE IN NPS.
- MECHANICAL CONTRACTOR TO PROVIDE ACCESS DOORS FOR ALL CONCEALED VALVES AND EQUIPMENT. GENERAL CONTRACTOR TO INSTALL ACCESS DOORS.
- WC-1: AMERICAN STANDARD, MADERA FLOWISE, FLOOR MOUNT ELONGATED FLUSHOMETER VALVE TOILET, VITREOUS CHINA 4.2 LPF, 10" ROUGHING-IN, 16-1/2" RIM HEIGHT, 1-1/2" TOP SPUD, OPEN FRONT SEAT WITH COVER. FLUSH VALVE: MODEL 6047.121 ADA COMPLIANT NON-HOLD OPEN HANDLE, CHLORAMINE-RESISTANT EPDM SEALS, ADJUSTABLE TAILPIECE.
- WC-2: AMERICAN STANDARD, TOPYNO CONCEALED TRAPWAY DUAL FLUSH ELONGATED ONE PIECE TOILET WITH SEAT 2996C.203 ELONGATED BOWL, ONE PIECE TOILET WITH SLOW CLOSE SEAT WITH COVER, SIPHON JET BOWL, 4.1 LPF, 15-1/4" (387MM) RIM HEIGHT, CHROME-PLATED TOP MOUNTED PUSH BUTTON ACTUATOR, SUPPLY WITH STOP.
- U-1: AMERICAN STANDARD, PINTBROOK URINAL, VITREOUS CHINA, 1.9 LPF, 3/4" INLET TOP SPUD, OUTLET CONNECTION THREADED 2" NPT, WALL HANGERS.
- LAV-1: AMERICAN STANDARD, STUDIO MODEL 0643-001, DROP IN UNIVERSAL ACCESS LAV, DELTA TRINSIC SINGLE LEVER 5.7 L/M FAUCET MODEL 559, TRAP, DRAIN, PLUG, 1/2 NPS DW, 1 1/4 NPS SAN, VENT.
- LAV-2: AMERICAN STANDARD, MODEL LUCERNE, WALL-HUNG LAVATORY, WALL HANGERS, VITREOUS CHINA, DELTA TRINSIC SINGLE LEVER 5.7 L/M FAUCET MODEL 559, TRAP, DRAIN, PLUG, 1/2 NPS DW, 1 1/4 NPS SAN, VENT.
- KS-1: (IFC UPDATE, DROP-IN) UNDERMOUNT KITCHEN SINK, KINDRED STAINLESS STEEL MODEL 123.0078.543, DOUBLE BOWL, DELTA TRINSIC MODEL 4159-DST SINGLE LEVER 5.7 L/M FAUCET, TRAP, DRAIN, CRUMB CUP STRAINER, SOUND DEADENING PAD, 1/2 NPS DW, 1 1/2 NPS SAN, VENT.
- KS-2: DROP IN KITCHEN SINK, KINDRED STAINLESS STEEL MODEL 101.0191.918, SINGLE BOWL, DELTA TRINSIC MODEL 4159-DST SINGLE LEVER 5.7 L/M FAUCET, TRAP, DRAIN, CRUMB CUP STRAINER, SOUND DEADENING PAD, 1/2 NPS DW, 1 1/2 NPS SAN, VENT.
- P-01: DHW RECIRC. PUMP, ALL BRONZE, AQUASTAT, 120V/1PH 1/4HP. CONNECT TO EXISTING DHW PIPING NEAR EXISTING HOT WATER TANK.
- WF: (IFC UPDATE - ROUGH-IN ONLY) BOTTLE WATER COOLER, CULLIGAN, EXECUTIVE SERIES COUNTER TOP, 1/4 NPS DCW INLET.
- SH-1: SHOWER BUILT UP BY OTHERS, STAINLESS STEEL CURTAIN ROD BY OTHERS, ULTRA THIN LED DOME LIGHT, CHROME DRAINS, PAN LINER, TRAP, SHOWER TRIM TO BE MANUFACTURED BY DELTA, MODEL TRINSIC #114259 PRESSURE BALANCED SHOWER VALVE 6.6 LPM.



SECOND FLOOR



PART GROUND FLOOR

DRAWING LIST

DRAWING NUMBER	NAME
M-01	PLUMBING, LEGEND AND NOTES
M-02	HVAC AND SPRINKLERS
M-03	SPECIFICATION

NO.	REVISION	DATE
4	ISSUED FOR CONSTRUCTION	28 JAN 2020
3	ISSUED FOR ADD-M01	13 DEC 2019
2	ISSUED FOR PRICING	29 NOV 2019
1	ISSUED FOR PERMIT	15 NOV 2019

2295 ST. LAURENT  
FIT UP  
OTTAWA, ONTARIO



2283 ST. LAURENT BLVD., UNIT 203, OTTAWA, ONT., K1G 5A2  
TEL. (613) 567-1487 FAX. (613) 567-1493  
E-Mail: mail@quadrantengineering.ca

LEGEND	
(T)	PROGRAMMABLE THERMOSTAT
(B)	BRANCH DUCT CONNECTION WITH BALANCING DAMPER
(F)	FLEXIBLE CONNECTION
(S)	SQUARE TO ROUND TRANSITION
- SAN	SANITARY DRAIN ABOVE GRADE/FLOOR
- SAN	SANITARY DRAIN BURIED
- DW	DOMESTIC COLD WATER
- HW	DOMESTIC HOT WATER
->	PIPE DROPS, PIPE RISERS
(U)	DIELECTRIC UNION
(FD)	FLOOR DRAIN WITH TRAP
(FFD)	FUNNEL FLOOR DRAIN
(H.D.)	HUB DRAIN
(V)	ISOLATING VALVE
(C)	CLEANOUT ABOVE FLOOR
(D)	CLEANOUT IN FLOOR
(DCW)	DCW CONNECTION TO FAUCET
(DHW)	DHW CONNECTION TO FAUCET
(E)	FIRE EXTINGUISHER ON WALL BRACKET
(S)	NEW SEMI-RECESSED PENDENT SPRINKLER HEAD
(U)	NEW UPRIGHT SPRINKLER HEAD

PLUMBING, LEGEND AND NOTES

M-01

THIS DRAWING, OR PARTS THEREOF, MAY NOT BE REPRODUCED OR USED IN ANY FORM, BY ANY METHOD, FOR ANY PURPOSE, WITHOUT THE WRITTEN PERMISSION OF QUADRANT ENGINEERING.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION. WHERE CONFLICT ARISES THE MORE STRINGENT OF THE TWO SHALL APPLY.

COPYRIGHT © 2020 QUADRANT ENGINEERING.

THE ELECTRICAL CONTRACT DOCUMENTS ARE THE PROPERTY OF QUADRANT ENGINEERING (QE)

THE CONTRACTOR SHALL OBTAIN A FULL SET OF ALL CONSULTANTS' DESIGN DOCUMENTS PRIOR TO STARTING WORK.

QE BEARS NO RESPONSIBILITY FOR INTERPRETATIONS OF THESE DOCUMENTS BY OTHERS.

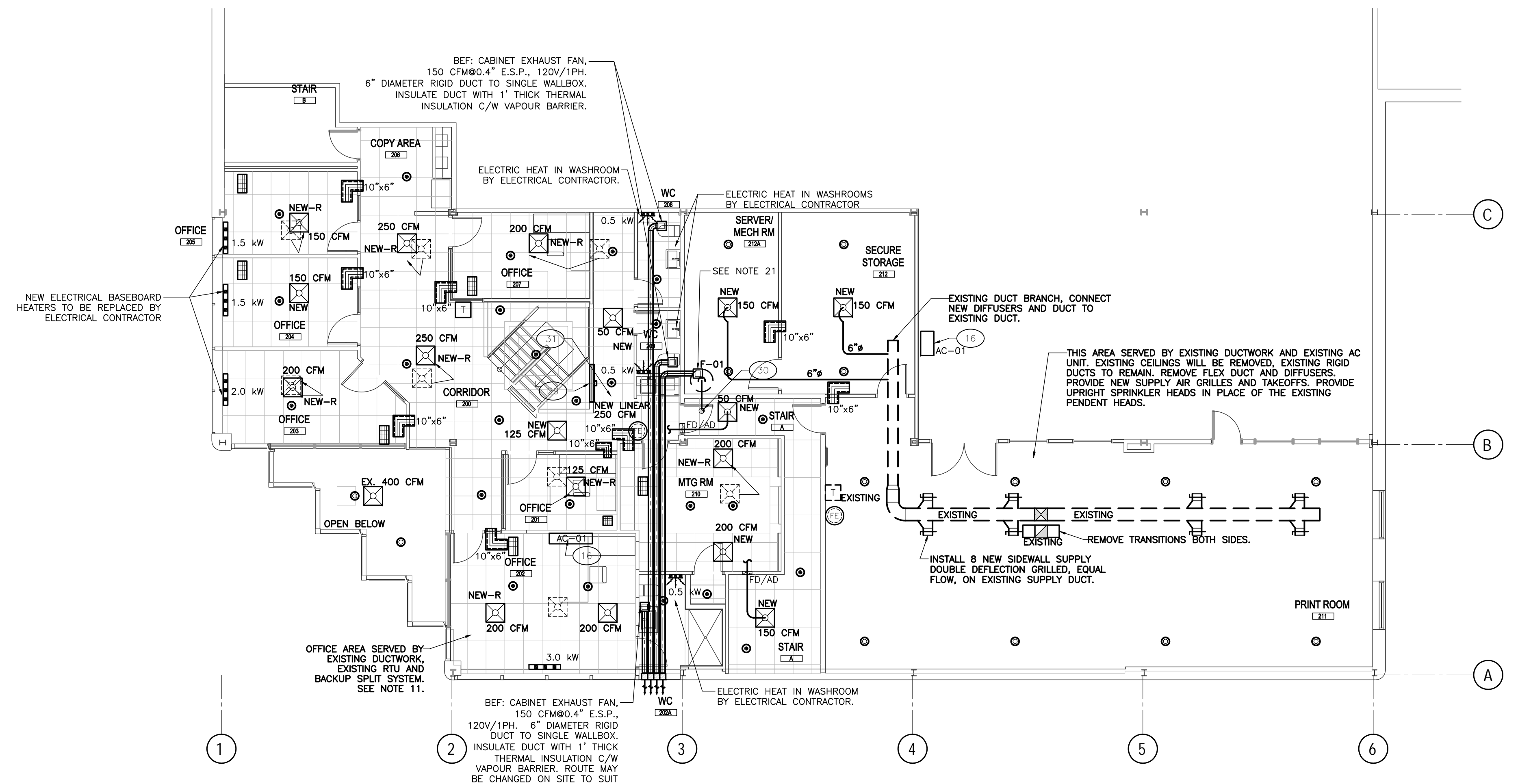
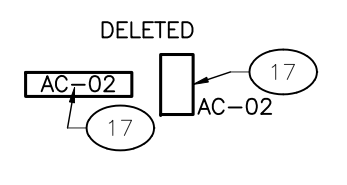
UPON WRITTEN APPLICATION QE WILL PROVIDE WRITTEN CLARIFICATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.

QE REVIEW OF SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR IS FOR DESIGN CONFORMANCE ONLY.

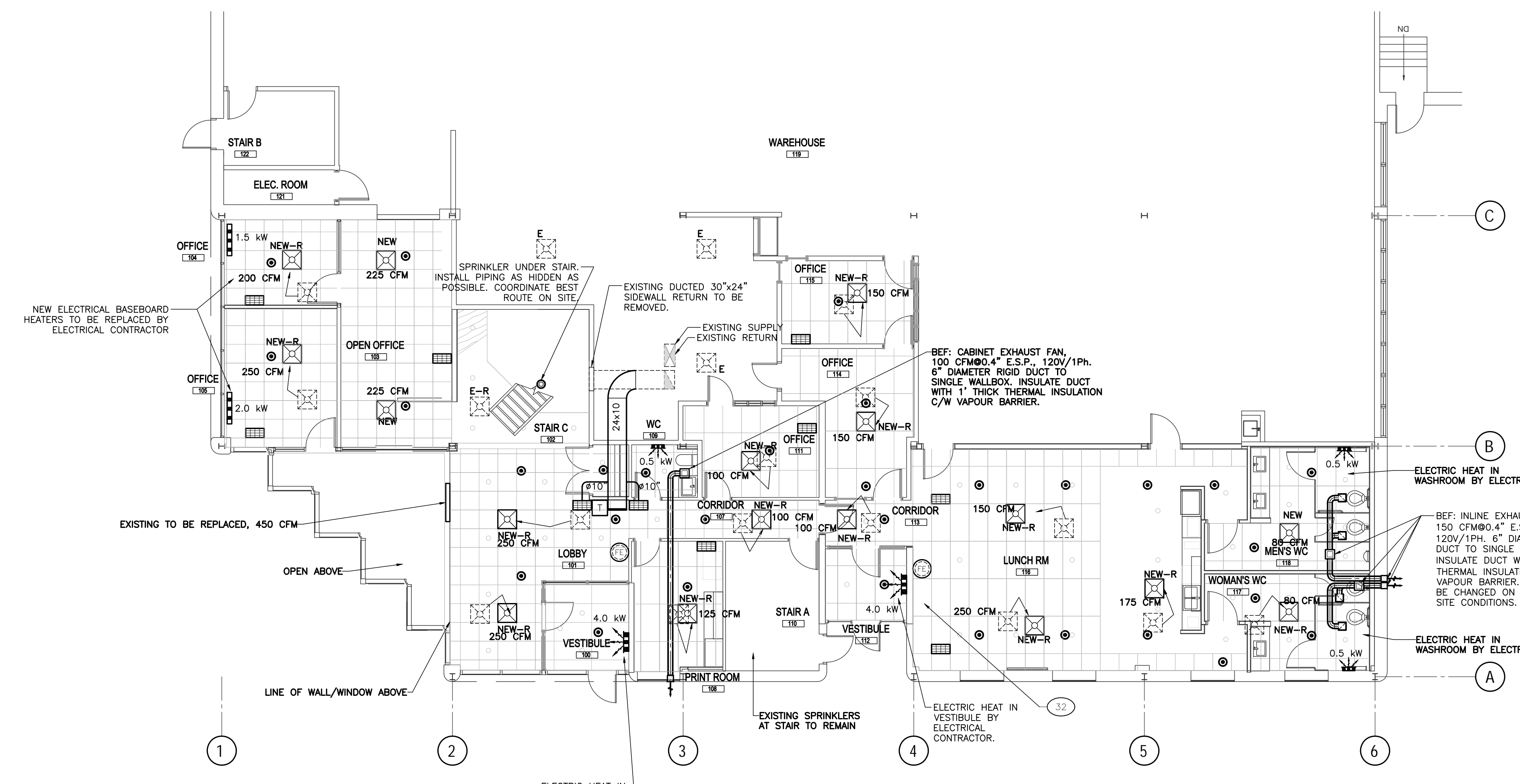
DRAWINGS ARE NOT TO BE SCALED FOR CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS ON SITE, REQUIRED TO PERFORM THE WORK AND REPORT ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS TO THE DESIGN TEAM BEFORE COMMENCING WORK.

NOTES

- SEE NOTES ON M-01.
- EXISTING ROOFTOP PACKAGED UNITS TO BE REPLACED UNDER SEPARATE CONTRACT. UNIT OUTSIDE AIR TO BE SET AT 15%. NEW THERMOSTATS TO BE 7-DAYS PROGRAMMABLE.
- GROUND FLOOR IS SUPPLIED BY A NEW 10 TON AC UNIT AND EXISTING DUCTWORK.
- 2ND FLOOR IS SUPPLIED BY A NEW 7.5 TON AND NEW 5 TON UNIT AND EXISTING DUCTWORK.
- SEE ELECTRICAL DRAWING E-200 FOR EXISTING AND NEW BASEBOARD ELECTRICAL HEATERS.
- EXISTING DUCTWORK ABOVE THE CEILING TO REMAIN UNLESS NOTED.
- PATCH AND MAKE GOOD ALL EXISTING DUCT INSULATION.
- EXISTING DIFFUSERS TO BE REMOVED. NEW DIFFUSERS, 24x24 3 CONE STEEL WITH DAMPER, TO BE INSTALLED AND CONNECTED TO EXISTING DUCTWORK. NEW DIFFUSERS NOT ASSOCIATED WITH AN EXISTING DIFFUSER NOTED AS NEW-R. NEW DIFFUSERS ASSOCIATED WITH AN EXISTING-REMOVED DIFFUSER NOTED AS NEW-R. NEW LINEAR DIFFUSER TO BE VERTICAL MOUNTED IN THE NEW BULKHEAD AT THE STAIRS. SIDES WITH PLENUM OR SIMILAR APPROVED.
- NEW AND NEW-R DIFFUSERS TO BE CONNECTED WITH NO MORE THAN 36" OF ALUMINUM FLEX DUCT.
- FIRE PROTECTION WILL BE CARRIED OUT BY THE CLIENT.
- EXISTING SPRINKLER SYSTEM IN THE OFFICE AREA TO BE REVISED TO SUIT THE NEW LAYOUT. MAINS AND MAIN BRANCHES TO BE LEFT AS-IS. PROVIDE NEW SPRINKLER HEADS IN NEW LOCATIONS. NEW UPRIGHT AND SEMI-RECESSED PENDENT HEADS TO BE USED. PROVIDE ANY NEW PIPE REQUIRED.
- FIRE PROTECTION CONTRACTOR TO SUBMIT SHOP DRAWINGS SHOWING ALL HEAD LOCATIONS AND MAIN BRANCH LINES. WORK SHALL NOT START UNTIL ENGINEER AND ARCHITECT REVIEW IS SATISFIED. CONTRACTOR SHALL PROVIDE TWO SEALED COPIES, OVER AND ABOVE THOSE REQUIRED FOR ENGINEER'S REVIEW, FOR SUBMISSION TO THE AUTHORITY HAVING JURISDICTION AS A PART OF THE BUILDING PERMIT APPLICATION. FIRE PROTECTION SHOP DRAWINGS FOR ALL EQUIPMENT. INCLUDE CONFIRMATION THAT THE DESIGN CONFORMS TO SEISMIC REQUIREMENTS OF NFPA, STRUCTURAL ENGINEER AND AUTHORITY HAVING JURISDICTION.
- FIRE PROTECTION SHOP DRAWINGS TO BE DONE BY A PROFESSIONAL ENGINEER PERMANENTLY LICENSED IN THE PROVINCE OF ONTARIO.
- THE FIRE PROTECTION CONTRACTOR SHALL OBTAIN A COMPLETE SET OF ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR USE IN PREPARING THE TENDER BEFORE SUBMITTING THE TENDER. ALSO CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NO CONFLICTS WITH OTHER TRADES OCCUR. SHOP DRAWINGS WILL BE REVIEWED BY THE ENGINEER AND THE ARCHITECT.
- PROVIDE FIRE EXTINGUISHERS AS PER CODE AND APPROVAL OF LOCAL AUTHORITIES HAVING JURISDICTION.
- AC-01: DUCTLESS SPLIT SYSTEM, 1 TON CAPACITY, WIRELESS THERMOSTAT, PIPE CONDENSATE TO ADJACENT DRAIN IN BATHROOM. CONDENSING UNIT TO BE INSTALLED IN WAREHOUSE ON WALL BRACKETS AND NEOPRENE ISOLATORS. REFRIGERANT PIPING TO BE RUN IN THE CEILING. COORDINATE WITH EXISTING TO REMAIN DUCTWORK AND SPRINKLER PIPING. 208-230V, 1PH, 9.1A FLA, 11.2A MCA, 15 MOP.
- AC-02: NOT USED.
- RETURN GRILLES: 24"x12" R/A EGGRATE, STEEL 1/2"x1/2", WHITE.
- TRANSFER DUCTS, 12"x6" OR AS INDICATED C/W 1" THICK ACOUSTIC INSULATION, SIGHT PROOF.
- END OF RETURN DUCT WITH 24"x10" GRILLE FOR CEILING RETURN FROM ADJACENT SPACES
- F-01: CABINET EXHAUST FAN, 300 CFM@0.4" E.S.P., 120V/1PH/1.5A, 8" DIAMETER RIGID DUCT TO SINGLE WALLBOX. INSULATE DUCT WITH 1" THICK THERMAL INSULATION C/W VAPOUR BARRIER.
- ELECTRICAL CONTRACTOR TO PROVIDE SHUT DOWN TIMERS FOR BEF IN ALL WASHROOMS.
- DUCT DIMENSIONS ARE IN INCHES. DUCT DIMENSIONS ARE OUTSIDE DIMENSIONS.
- CONTRACTOR IS TO PROVIDE RIGID METALLIC DUCTWORK AND/OR A MAXIMUM OF 6 FT. OF METALLIC FLEXIBLE DUCTWORK ON GRILL/DIFFUSER CONNECTIONS.
- PROVIDE BALANCING DAMPER ON EACH DUCT TAKEOFF TO A SUPPLY DIFFUSER/GRILL.
- PROVIDE BALANCING DAMPER ON EACH DUCT TAKEOFF TO AN EXHAUST GRILL IN WASHROOMS.
- ALIGN ALL DIFFUSERS TO NEW CEILING LAYOUT.
- WALL BOXES TO BE LEAK-PROOF, 26 GA. STEEL, ALUMINUM GRILLE, NEOPRENE BACKDRAFT DAMPER.
- THIS LINEAR DIFFUSER NOT USED, DISTRIBUTE AIR TO OTHER DIFFUSERS IN THE AREA.
- EXISTING HWT VENT TO BE BOXED IN BY OTHERS, ABOVE THE EXIT CORRIDOR CEILING.
- EXISTING AC UNIT SUPPLY, NOT SHOWN, TO BE DISCONNECTED AND RAISED APPROXIMATELY 4" TO CLEAR THE NEW CEILING. BEST METHOD OF COMPLETING WORK TBD BY CONTRACTOR. CONTRACTOR SHALL SUBMIT FABRICATION SHEETS FOR REVIEW PRIOR TO STARTING WORK.
- REMOVE EXISTING RETURN AIR DUCT (NOT SHOWN) ABOVE CEILING IN LUNCH ROOM.



PART SECOND FLOOR



PART GROUND FLOOR

NO.	REVISION	DATE
4	ISSUED FOR CONSTRUCTION	28 JAN 2020
3	ISSUED FOR ADD-M01	13 DEC 2019
2	ISSUED FOR PRICING	29 NOV 2019
1	ISSUED FOR PERMIT	15 NOV 2019

2295 ST. LAURENT  
FIT UP  
OTTAWA, ONTARIO

**QUADRANT**  
an Insulet Company

2283 ST. LAURENT BLVD., UNIT 203, OTTAWA, ONT., K1G 5A2  
TEL. (613) 567-1487 FAX. (613) 567-1493  
E-Mail: mail@quadrantengineering.ca

CURRENT DATE
Tue, 28 Jan 2020, 15:09
SCALE: 1:100
DRAWN: CWC
DESIGNED: CWC
CHECKED: CWC
PROJECT: 19-Q025
DRAWING NUMBER: M-02

HVAC AND SPRINKLERS

