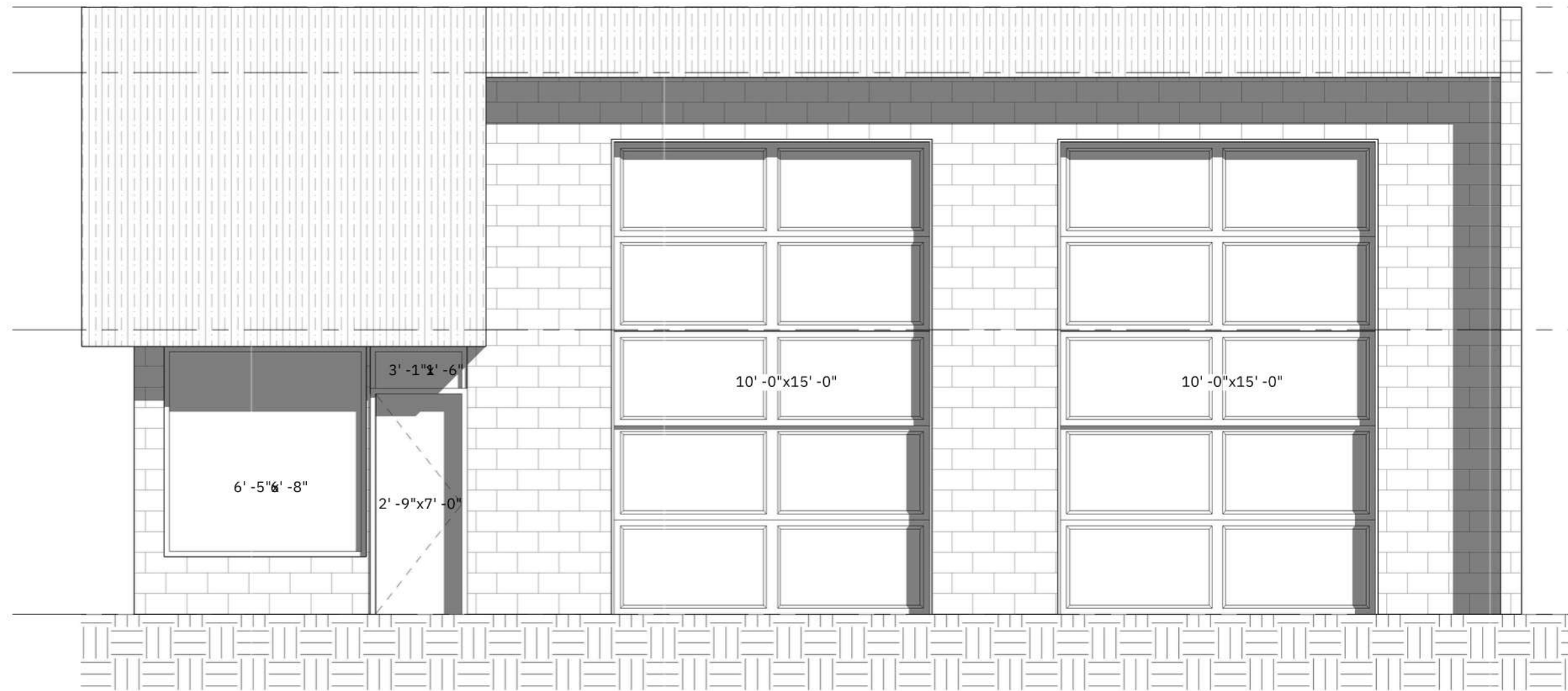
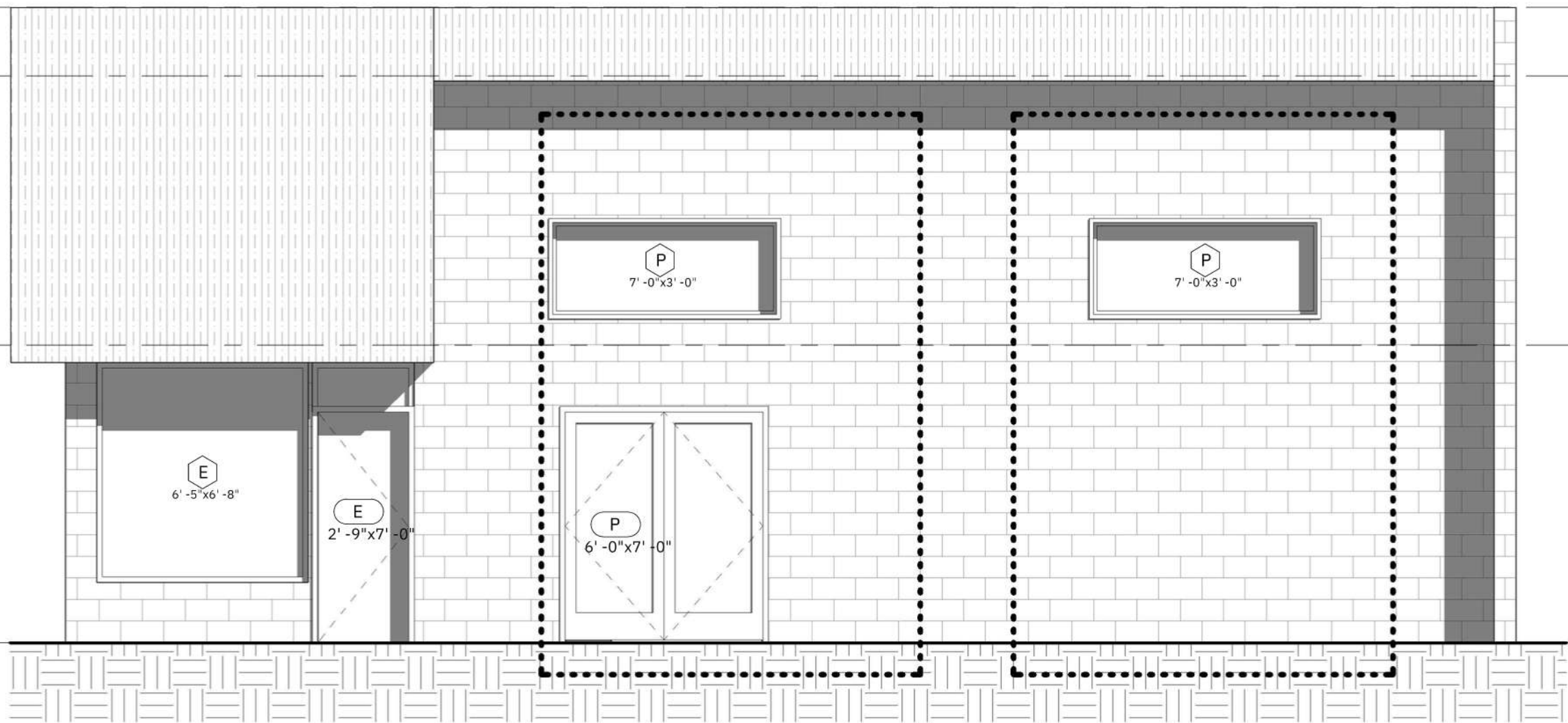
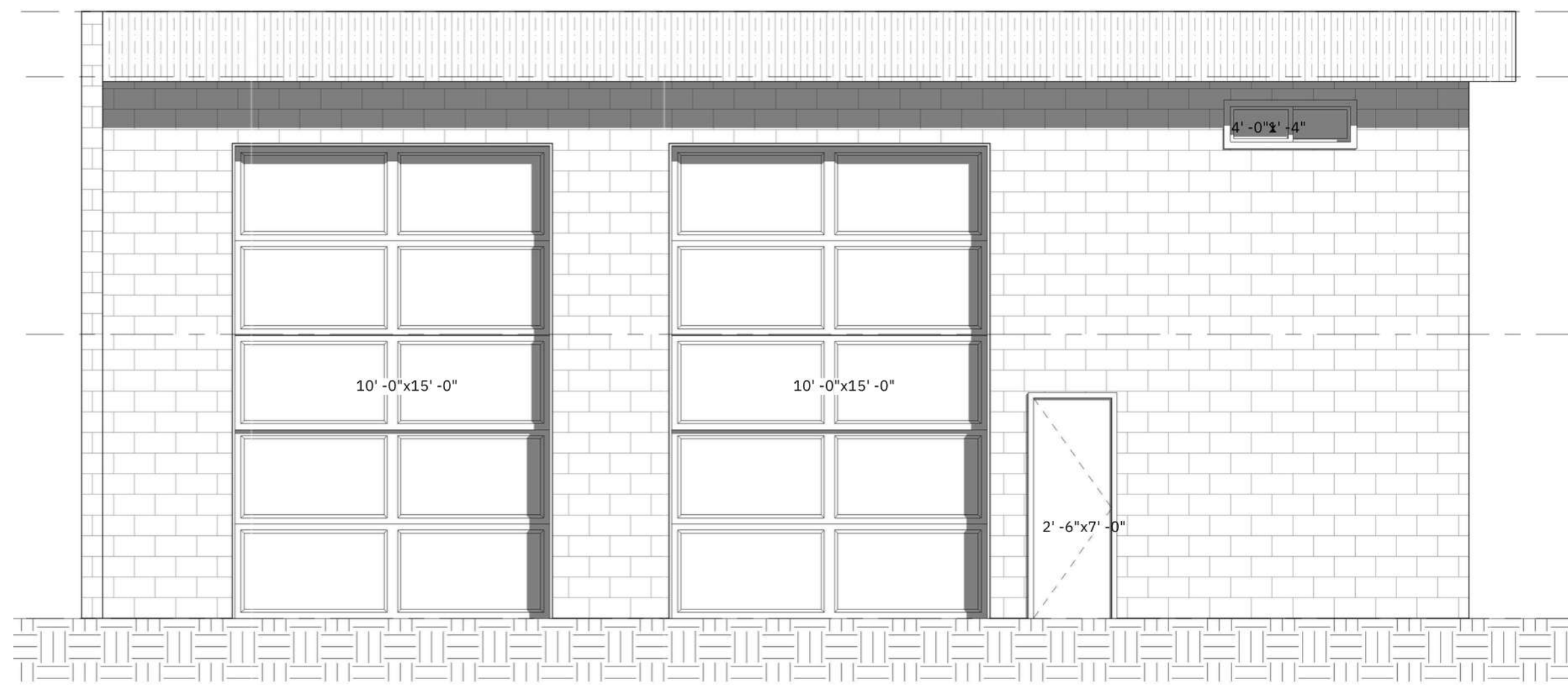




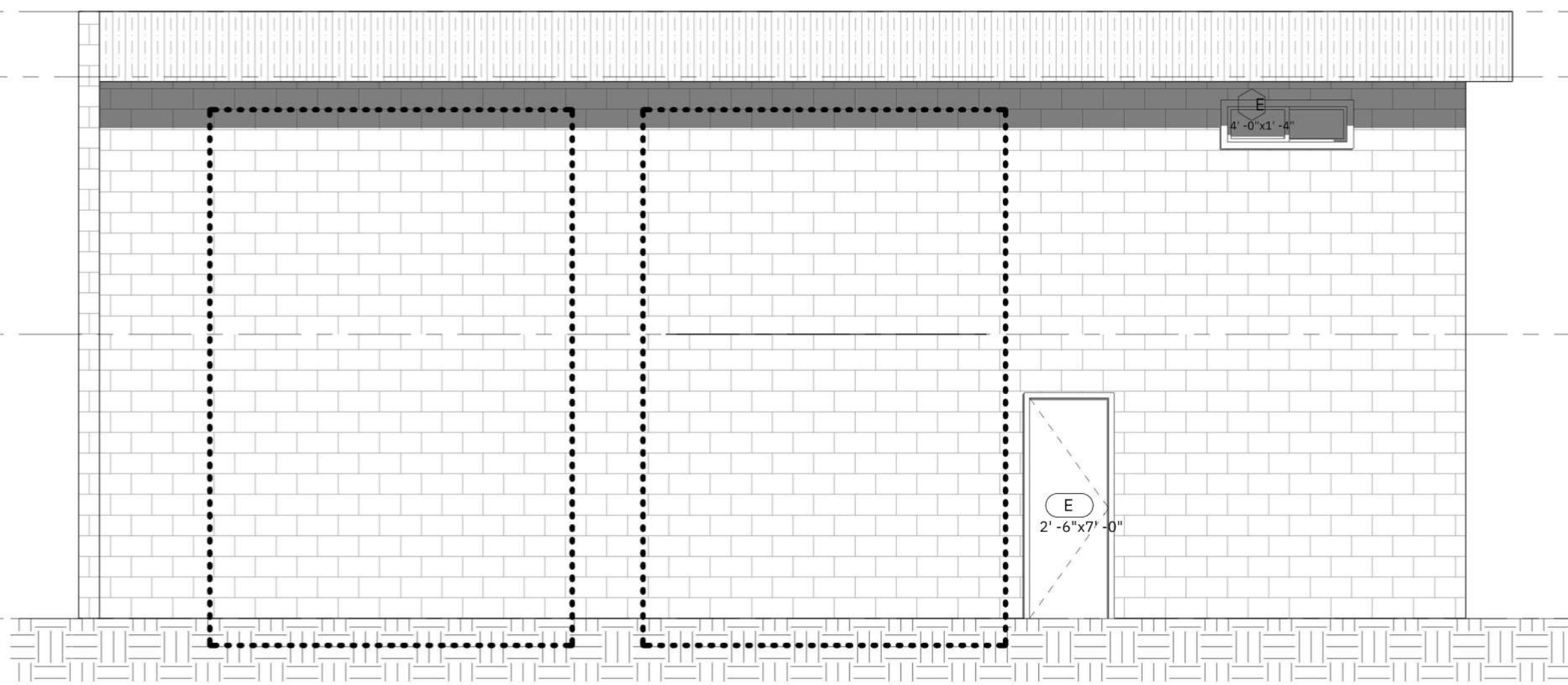
1 EXISTING SOUTH ELEVATION -FRONT  
1/4" = 1'-0"



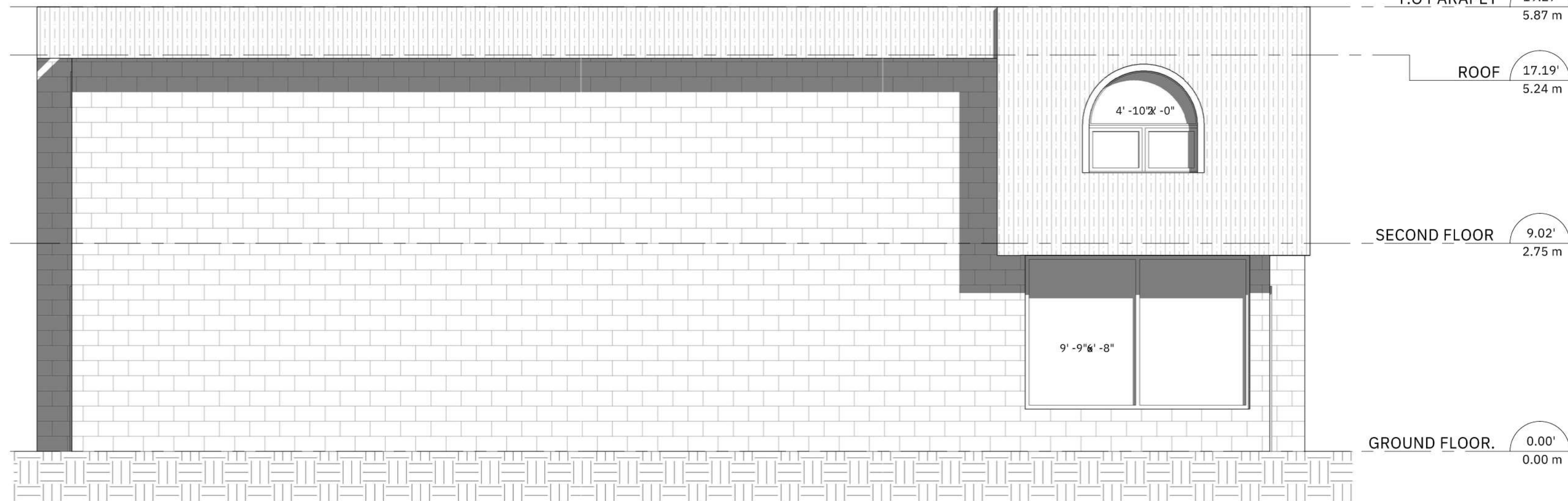
2 PROPOSED SOUTH ELEVATION -FRONT  
1/4" = 1'-0"



3 EXISTING NORTH ELEVATION -BACK  
1/4" = 1'-0"



4 PROPOSED NORTH ELEVATION -BACK  
1/4" = 1'-0"



5 EXISTING WEST ELEVATION -LEFT  
1/4" = 1'-0"

T.O PARAPET 19.27'  
5.87 m  
ROOF 17.19'  
5.24 m  
SECOND FLOOR 9.02'  
2.75 m  
GROUND FLOOR. 0.00'  
0.00 m

T.O PARAPET 19.27'  
5.87 m  
ROOF 17.19'  
5.24 m  
SECOND FLOOR 9.02'  
2.75 m  
GROUND FLOOR. 0.00'  
0.00 m

T.O PARAPET 19.27'  
5.87 m  
ROOF 17.19'  
5.24 m  
SECOND FLOOR 9.02'  
2.75 m  
GROUND FLOOR. 0.00'  
0.00 m

Appendix I



Architelier  
architecture + real estate



Sheet List

- A-1 Site & Landscape Plan
- A-2 Notes & Details
- A-3 Existing & Proposed Main Floor
- A-4 Existing & Proposed Second Floor Plans
- A-5 Existing & Proposed Main Floor Ceiling Plan
- A-6 Existing & Proposed Second Floor Ceiling Plan
- A-7 Existing & Proposed Elevations
- A-8 Sections & Details

Revisions

| No° | Description                | Date       |
|-----|----------------------------|------------|
| A   | Started preliminary design | 08/31/2026 |
| 1   | Issued for permit          | 09/08/2026 |



Team Cannabis  
Tenant Improvement

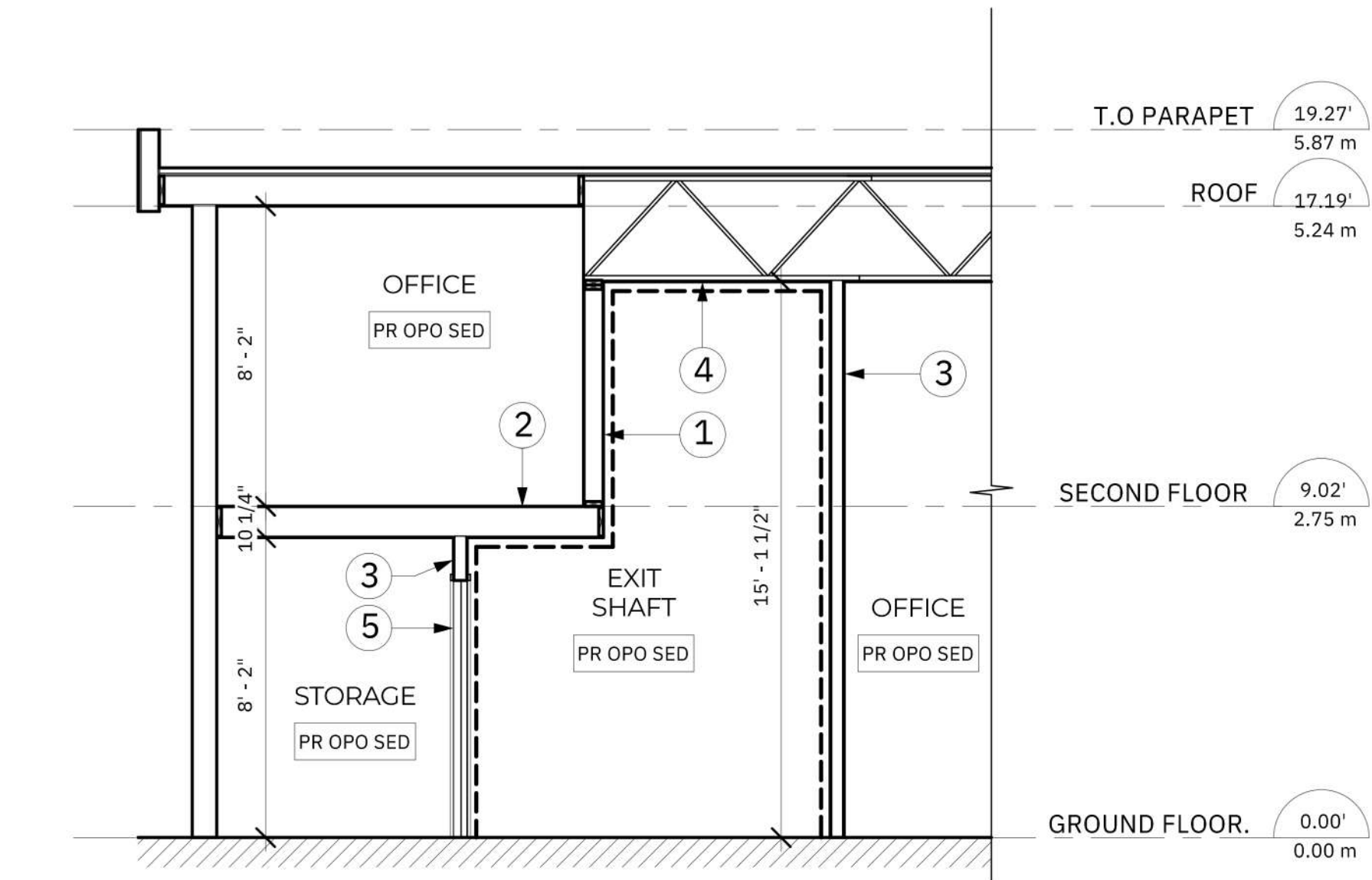
22339 48 Ave,  
Township of Langley  
V3A 3N4  
LOT 7, SECTION 6, TOWNSHIP  
11, NWD, PLAN NWP11549  
PART SE 1/4.  
PID: 009-549-111

Existing & Proposed  
Elevations

|                |             |
|----------------|-------------|
| Project number | 2160        |
| Date           | SEP 8, 2026 |
| Drawn by       | EV          |
| Checked by     | TC/FZ       |

A-7

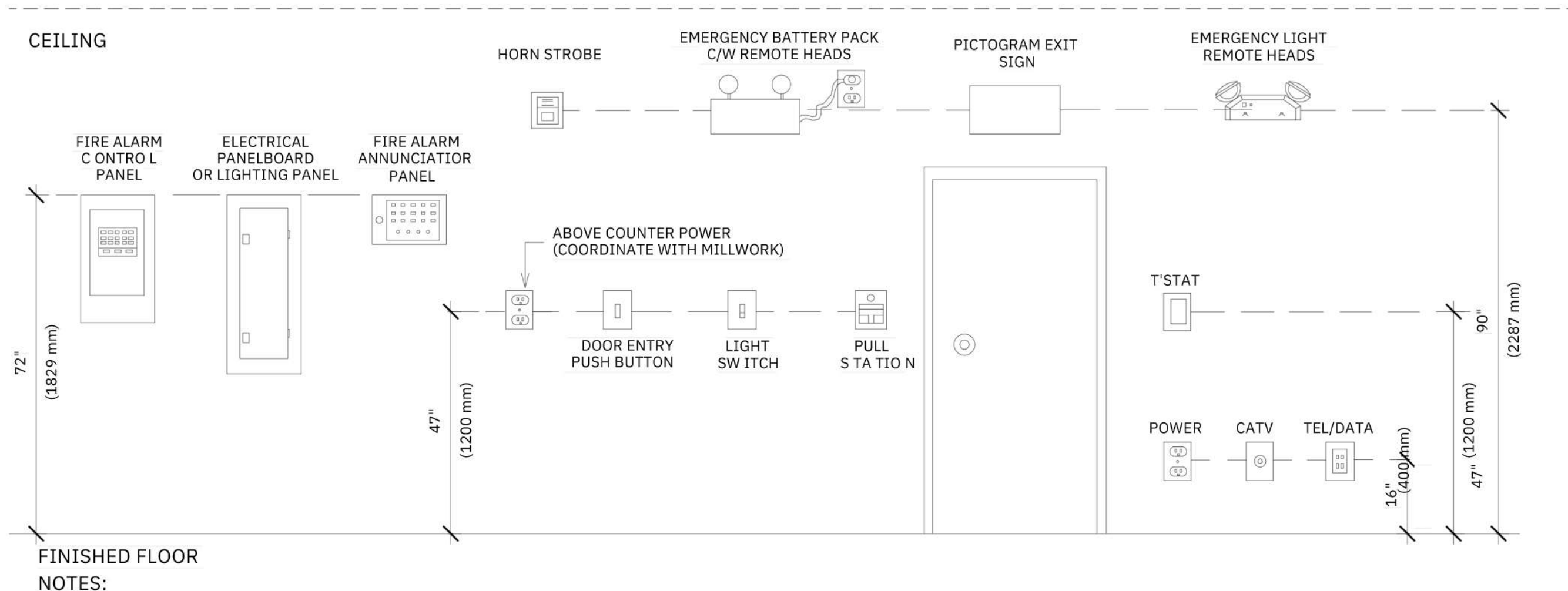
Scale 1/4" = 1'-0"



1 SECTION 1  
1/4" = 1'-0"

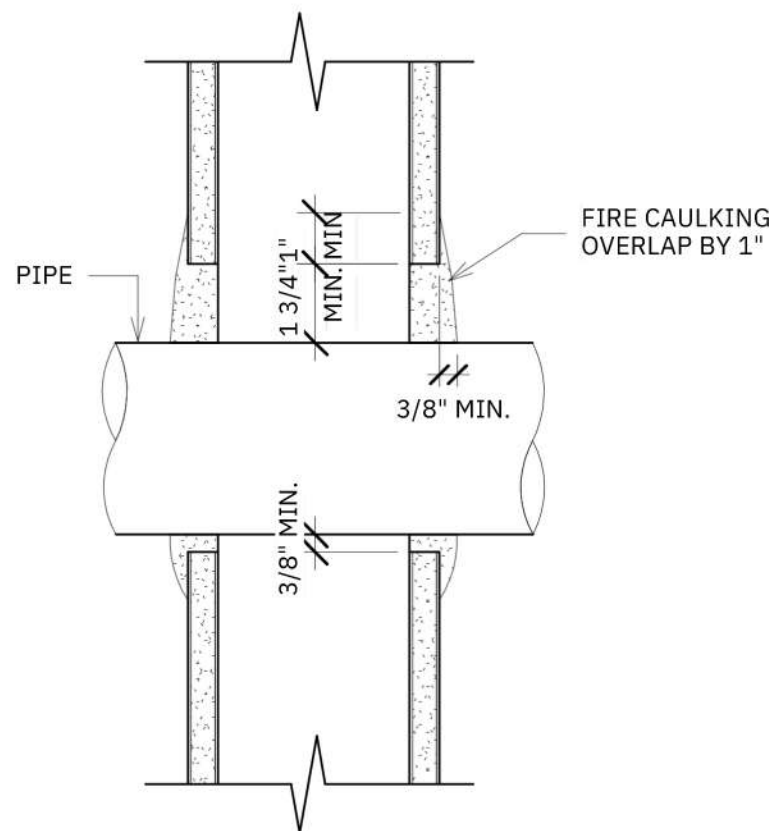
- 1 UPGRADED EXISTING WALL  
60 MIN. FRR AS PER ULC Des W301  
5/8" TYPE X GYPSUM BOARD  
2X6 WOOD FRAMING @ 16" O.C.  
5/8" TYPE X GYPSUM BOARD
- 2 UPGRADED EXISTING FLOOR  
60 MIN. FRR AS PER ULC Des M500  
1/2" PLYWOOD SHEATHING  
2X10 FLOOR JOIST  
1/2" TYPE X GYPSUM BOARD  
PROPOSED WALL  
60 MIN. FRR AS PER ULC Des W453  
5/8" TYPE X GYPSUM BOARD  
3-5/8" STEEL FRAMING @ 16" O.C.  
5/8" TYPE X GYPSUM BOARD
- 3 UPGRADED EXISTING ROOF  
60 MIN. FRR AS PER ULC Des L544  
EXISTING ROOF ASSEMBLY  
5/8" TYPE X GYPSUM BOARD
- 4 45 MIN. FRR DOOR  
SELF-CLOSING STEEL DOOR

CONSTRUCTION ASSEMBLY

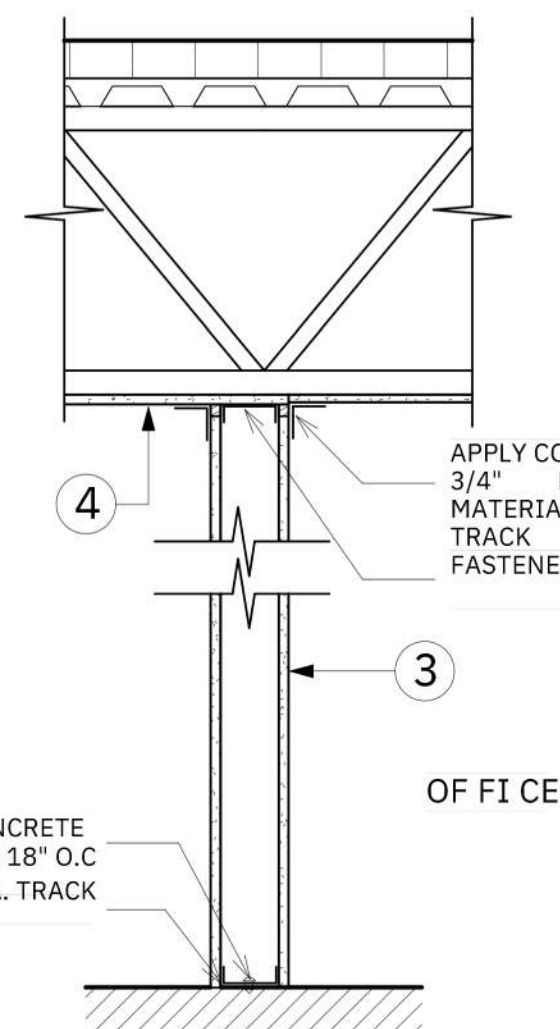


2 TYPICAL ELECTRICAL DEVICE MOUNTING HEIGHTS  
1/2" = 1'-0"

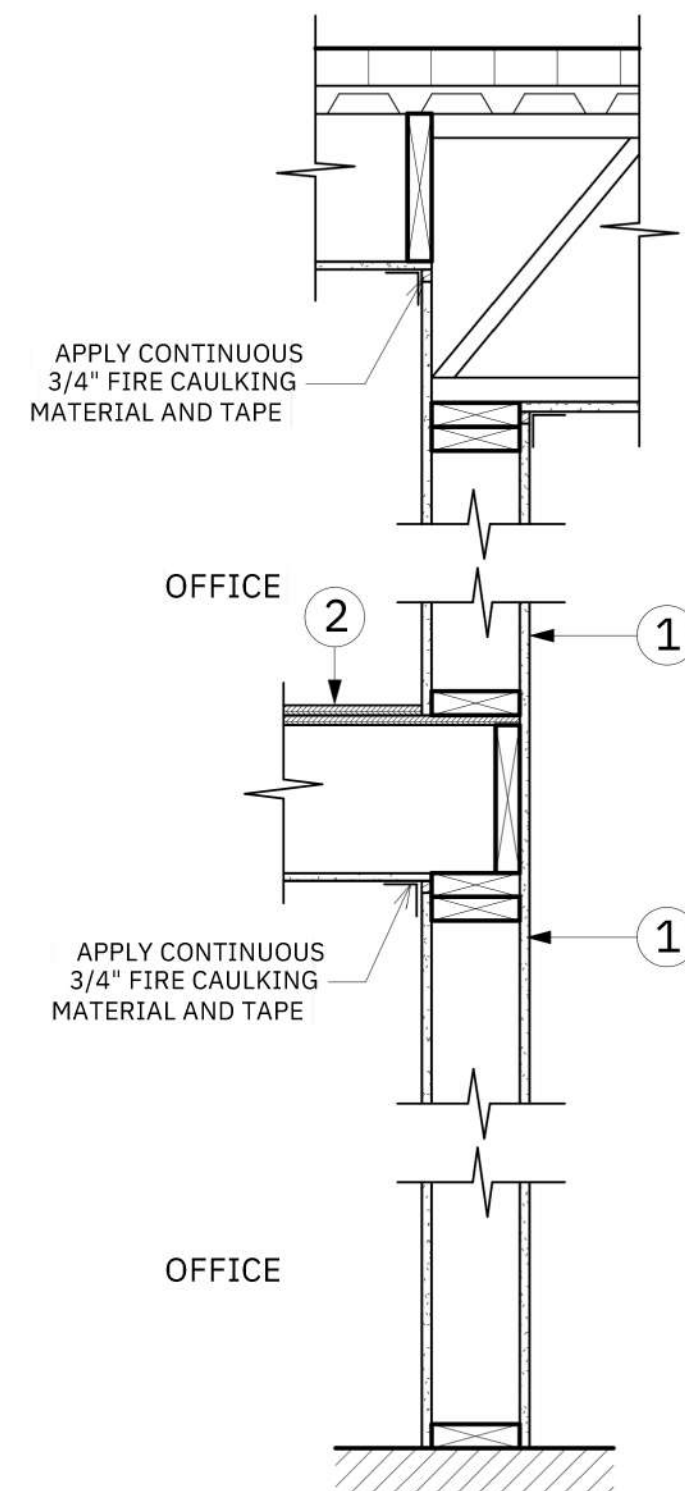
- NOTES:
1. MOUNTING HEIGHTS ARE TYPICAL UNLESS OTHERWISE NOTED ON THE DRAWINGS.
  2. ALIGN ALL DEVICES VERTICALLY AND HORIZONTALLY.
  3. COORDINATE EXIT SIGN AND EMERGENCY LIGHTING BATTERY PACKS/REMOTE HEADS LOCATIONS WITH SITE CONDITIONS FOR SITE LINE VISIBILITY.



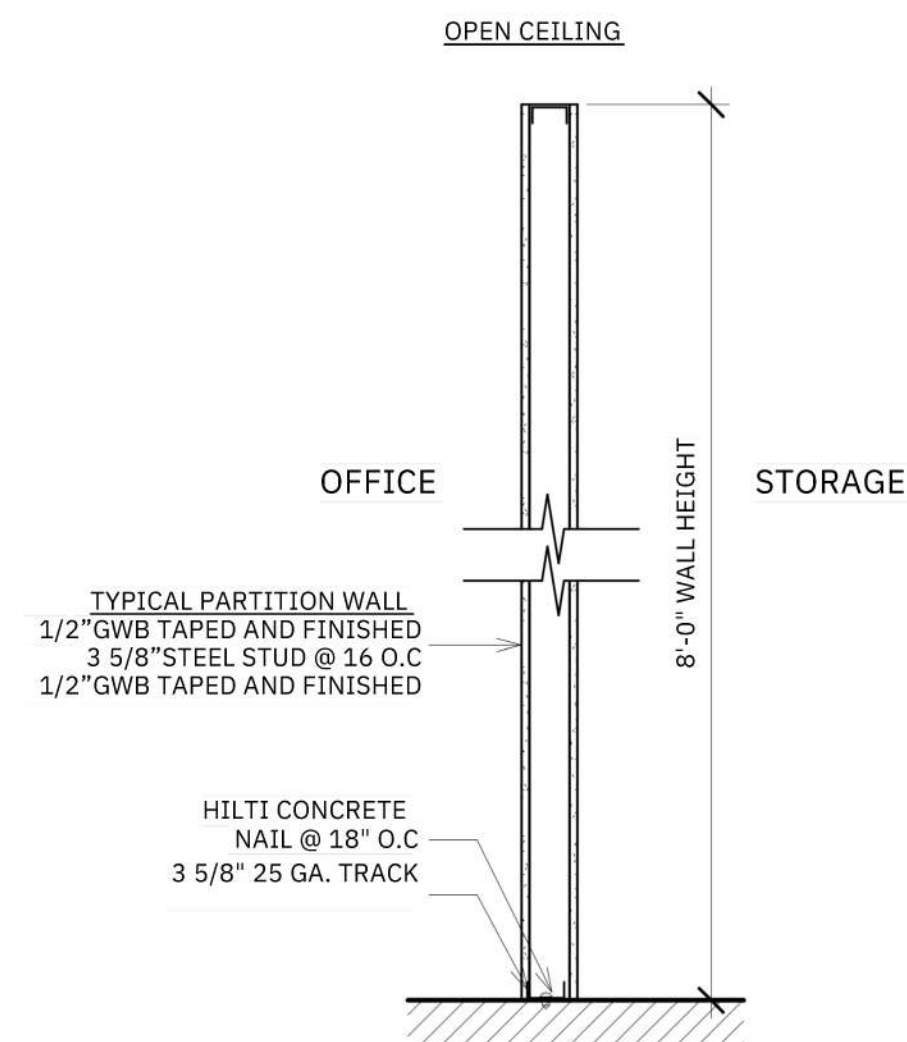
3 WALL PENETRATION DETAILS  
3" = 1'-0"



4 PROPOSED 60 MIN. FRR WALL DETAIL  
1" = 1'-0"



5 60 MIN. FRR UPGRADED WALL & FLOOR DETAIL  
1" = 1'-0"



6 TYPICAL PARTITION WALL DETAIL  
1" = 1'-0"

Sheet List

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A-5 Existing & Proposed Main Floor Ceiling  
Plan  
A-6 Existing & Proposed Second Floor Ceiling  
Plan  
A-7 Existing & Proposed Elevations  
A-8 Sections & Details

Revisions

| No° | Description                | Date       |
|-----|----------------------------|------------|
| A   | Started preliminary design | 08/31/2026 |
| 1   | Issued for permit          | 09/08/2026 |

Sections & Details

|                |             |
|----------------|-------------|
| Project number | 2160        |
| Date           | SEP 8, 2026 |
| Drawn by       | EV          |
| Checked by     | TC/FZ       |

|       |              |
|-------|--------------|
| Scale | As indicated |
|-------|--------------|

#### GENERAL CONTRACT SPECIFICATIONS

- Provide a complete and fully operational mechanical and plumbing system with facilities and services to meet the Owner's requirements described herein and in complete accordance with all applicable codes and ordinances. Include all labor, materials, tools and equipment required to install, test and place into operation a complete mechanical system.
- Coordinate final field reviews with all applicable authority having jurisdiction. Provide and include demonstration of operational sequence of mechanical systems.
- Give all notices, obtain all permits, and pay all fees so that the work specified herein may be carried out. Furnish all certificates requested by the Engineer.
- All work shall be executed and all materials shall conform to and be inspected in strict accordance with all the laws, rules and regulations of the local and provincial codes and all other authorities having jurisdiction. In case of conflict between the drawings and specifications and the codes and ordinances, the highest standard shall apply. Provide for all drilling for expansion bolts, hanger rods, brackets, supports, etc. to the approval of the architect. Do no damage to critically loaded structural elements. Do no cutting or burning of the structural parts of the building without obtaining prior written approval from the landlord.
- Provide shop drawing to Engineer for approval prior order of equipment.
- General contractor is to engage an experienced installer who is certified and licensed for the installation work where applicable.
- The contractor shall unconditionally warrant all work to be free of defects in material and workmanship for a period of one year from the date of acceptance by the owner and will repair or replace any defective work promptly and without charge and restore any other existing work damaged in the course of repairing defective material and workmanship.
- Applicable by-law, standards and codes that apply to this project are:

- 2024 British Columbia Building Code
- 2024 British Columbia Plumbing Code
- (NPC 2020 W/ BCBC 2024 Amendments)
- 2024 British Columbia Fire Code
- (NPC 2020 W/ BCBC 2024 Amendments)
- ASHRAE 90.1 (2018)
- ASHRAE STANDARD 62.1 (2016) - 62-2020 except addendum n
- British Columbia Insulation Association (BCICA) standards
- Natural Gas and Propane Installation Code CAN/CGA B149.1-10
- Ventilation work shall comply with current ANSI/SMACNA D06-2006 Standards HVAC Duct construction standards
- Roofing work shall comply with current RCBC Guidelines

#### GENERAL MECHANICAL SPECIFICATIONS

- The general conditions and instructions to Bidders as set forth in the General Contract Specifications shall apply to and govern this division.
- Provide a complete and fully operational mechanical system with facilities and services to meet the Owner's requirements described herein and in complete accordance with all applicable codes and ordinances. Include all labor, materials, tools and equipment required to install, test and place into operation a complete mechanical system.
- These drawings do not show all the structural details and any information involving accurate measurement of the building refer to the Architectural and/or Structural drawings. Coordinate installation to structural drawings and structural conditions at no increase in contract price.
- Each Contractor shall assume full responsibility for laying out their work and for any damage caused to the Owner or other Contractors by improper execution of his work. Carry all necessary insurance coverage.
- Give all notices, obtain all permits, and pay all dues so that the work specified herein may be carried out. Furnish all certificates requested by the Engineer.
- All work shall be inspected in strict accordance with all the laws, rules and regulations of the local and provincial codes and all other authorities having jurisdiction.
- Check and confirm connections and invert elevations or all services including water, gas and sanitary sewer with existing utilities prior to any work commencing on the site.
- Provide all sleeves and information on all openings required in the structure to enable installation of all mechanical systems.
- Provide for all drilling for expansion bolts, hanger rods, brackets, supports, etc. to the approval of the Architect. Do no damage to critically loaded structural elements.
- Do no cutting or burning of the structural parts of the building without obtaining prior written approval from the Architect and the consent of the General Contractor.
- Do all necessary excavation. Backfill with sand or other approved material to a minimum of 12" over pipe or as necessary to protect the mechanical work.
- Test all equipment and material where required by specification or authority having jurisdiction to demonstrate its proper operation.
- Keep written logs and data and record on site all pressure and performance tests. Include copies in the Maintenance Manual.
- Obtain certificates of approval, acceptance and compliance with rules and regulations from authorities having jurisdiction. The work will not be considered complete until these certificates have been delivered to the Owner.
- Perform the following tests: carry out hydraulic tests for a period of 8 hours and maintain pressure with no appreciable pressure drop. Make all test prior to covering piping or ducts in any way.
- Test domestic water piping at 150 psi water pressure measured at the low point in the system.
- Test drainage systems by filling systems with water producing a minimum pressure of 10 feet and a maximum pressure of 20 feet of water column.
- Test gas piping as required by authorities having jurisdiction.
- After the mechanical installations are completed and pressure tested, conduct performance tests to demonstrate that the equipment and systems actually meet the specified requirements and carry out final adjustments to suit exact building conditions.
- The permanent system shall not be used for temporary testing purposes without the written permission of the Architect and Engineer.
- As a condition precedent to final payment after completion of this work, provide the Owner with a written guarantee, warranting all apparatus furnished under the contract to remain in perfect, and serviceable condition for a period of one (1) year from date of final acceptance of the work by the Architect and Engineer.
- Where equipment has an extended manufacturer's warranty these documents shall be registered in the Owner's name and turned over at the time of the building acceptance.
- Keep in the job office, an extra set of white prints shall be recorded daily. At completion of the project, turn over to the Engineer, two sets of neat "As-Built" record drawings and specifications.
- Prior to fabrication of any materials or equipment, submit through the General Contractor shop drawings, and data sheets (i.e. one septa and one photocopy of each sheet) covering all items of equipment, furnished and intended for installation under this Contract. Materials shall not be ordered until reviewed shop drawings are received by this Contractor from the Engineer.
- Provide three complete bound maintenance and operation brochures for all mechanical equipment. Provide on-site instructions to the operation staff or owner regarding function, general maintenance and operation of all equipment.

#### MATERIALS

- Provide materials in compliance with all codes and requirements of authorities having jurisdiction. Materials shall be of quality and manufacture as approved by the Engineer.
- Provide sleeves, openings and escutcheons as required for all piping and ducting. Sleeves shall be 18 Ga. galvanized iron for floors and walls. Where penetrating fire rated separation provide fire stopping system to comply ULC-SB5 and acceptable to authorities having jurisdiction.
- Provide hangers and supports to secure pipes in place; prevent vibration, maintain grade by adjustment; provide for expansion and contraction and appear neat. Installation of piping shall conform to the following standards:
- Installed parallel to building lines unless otherwise shown.
- Supported at the same elevation on multiple or trapeze hangers where possible.
- Installed so that dissimilar metals are not in direct contact. Use copper plated supports for copper piping or use plastic impregnated asbestos fabric to isolate the two materials.
- Provide for all structural work and equipment required to control expansion and contraction of piping. Include angles or channels as required to rigidly anchor piping.
- Provide access doors for maintenance or adjustment of all parts of the mechanical systems including cleanouts, etc.
- Where equipment is concealed by a continuous structural or architectural surface, supply access doors of design to suit the surface in which they are to be installed. When located in walls or floors forming a fire separation, provide with ULC label.
- Fishing: Provide all fishing and counter fishing where mechanical pipes, ducts or parts pass through roofs, floors which must be waterproof, walls required to be weathertight.
- Hanger size and spacing for either copper or steel pipe, shall be as follows:

| Nominal Pipe Size (in) | Maximum Distance Between Supports ft. | Recommended Hanger Rod diameter (in) |
|------------------------|---------------------------------------|--------------------------------------|
| 1/2                    | 6                                     | 3/8                                  |
| 3/4                    | 8                                     | 1/2                                  |
| 1 - 1/2                | 12                                    | 1/2                                  |
| 3, 4                   | 12                                    | 1/2                                  |

#### HEATING AND VENTILATION

- Construct ductwork to standards as recommended in the latest issue of ASHRAE guide. Duct Construction Standards issued by the Sheet Metal and Air Conditioning Contractors National Association (SMACNA).
- Prior to fabrication of ductwork, check all ceiling spaces, heights and conflicts with other trades.
- Construct ducts in accordance with the following:

Ductwork Minimum metal thickness for regular ducts including fittings, access doors and accessories shall be as follows:

| Round Ductwork Duct Diameter (in) | Gauge | Rectangular Ductwork Duct Diameter (in) | Gauge |
|-----------------------------------|-------|-----------------------------------------|-------|
| up to 12                          | 26    | up to 12                                | 26    |
| 13 to 30                          | 24    | 13 to 30                                | 24    |

#### Installation:

- Round ductwork shall be suspended by band iron hangers. Provide pilot tube openings with metal cap with spring device or screws to prevent air leakage wherever required for testing of systems. On insulated ductwork, insulation material shall be installed inside a metal ring.
- Provide adequately sized hinged access doors for inspection and clearing before and after all filters, coils, fans, manual and automatic fire dampers, and elsewhere as indicated on the drawings. Access doors shall be rigid, close-fitting with sealing gaskets, and suitable quick-acting locking devices. For insulated ductwork, access doors shall have minimum 1" thick insulation installed with suitable sheet metal cover frame.
- Except as indicated, all tees, bends and elbows shall be constructed to a minimum radius of 48 times the duct width measured from the centerline. If impossible use approved type air foil turning vanes in rectangular elbows. Where acoustical lining is used the turning vanes shall be perforated metal type packed with fiberglass. Provide ULC approved fire damper where shown in drawing and required by authority having jurisdiction. Fire dampers shall be of the curtain type with curtain out of airstream.
- Provide balancing dampers complete with indicators at all points on supply, return and exhaust systems where branches are taken from larger ducts as required for proper air balancing. Provide a 4"x6" quick opening access for inspections at each set of balancing dampers.
- Ducts associated with fans and equipment subject to forced vibration shall be installed with flexible connections, immediately adjacent to the equipment and where indicated on the drawings. Material to be approved, neoprene coated, flameproof.
- Provide fire stop flaps equivalent to Controlled Air Manufacturing Ltd. Model 219 where required and shown on drawings.
- Fans:
  - All fans shall be statically and dynamically balanced so that no objectionable noise or vibration will be transmitted to occupied areas of the building.
  - Fans will conform to SMACNA bulletin regarding construction and testing.
- Air Outlets:
  - Round ductwork shall be suspended by band iron hangers.
  - Paint ductwork and screens visible behind air outlets matte black.
  - Provide grilles and diffusers as specified in schedule.
  - Grilles to have finish as selected by architect.
  - Adjust duct and terminal balance dampers to balance both the heating and cooling supply air system to provide air quantities (within ± 10%) at each outlet as indicated and to maintain the design relationship between the supply and return air systems.
  - Adjust diffusers to obtain the optimum air distribution pattern and to provide diffuser blank off as indicated.
  - Balance all air systems using an agency specializing in this work. Before commencing review with the Engineer the methods and instrument to be used. Submit a typed balance report on completion.

Branching and chimneys shall be ULC labeled type B for natural gas fired equipment. Install in conformance with the latest CGA code.

#### PLUMBING

- Provide complete systems to meet the applicable Code requirements including NFPA section 13 or better if called for in these specifications. This shall apply to all sprinkler system drainage systems, domestic water distribution, air and other miscellaneous piping systems.
- Provide all gas piping to meet the requirements of CSA Standard B149.1, Installation Code for Natural Gas Burning Appliances and Equipment.
- Provide all domestic water drainage and vent piping to meet the requirements of the BCPC and Municipal Codes.
- Provide materials as in accordance with the following:

| Service                                                   | Material                                                                    |
|-----------------------------------------------------------|-----------------------------------------------------------------------------|
| - Natural gas, vents                                      | Schedule 40 black steel                                                     |
| - Storm, sanitary and vent pipe (above grade)             | Cast Iron                                                                   |
| - Storm and sanitary pipes (Below grade)                  | PVC / DWV System B or AB5                                                   |
| - Domestic hot and cold (Above grade)                     | Type "K" hard copper                                                        |
| - Domestic hot and cold (Below grade, no joint underside) | Type "K" soft copper                                                        |
| - Gas vent/stack                                          | Steel piping ULC 636 PVC/CPVC ULC 636 Polypropylene AL29-4C Stainless Steel |
- Plastic piping such as PEX can be used as an alternative. Refer to manufacturer installation for application use.
- Ensure rated piping is used for hot/cold plumbing.
- Piping material to be consistent throughout interconnected plumbing systems.
- Provide in unfinished areas (i.e. mechanical rooms, storage rooms, etc.) floor cleanout access cover - round, nickel bronze serrated frames and plates. In finished areas provide cover with depressed center to accept floor finish being provided.
- Provide roof drains with lacquered cast iron body with removable manroom dome clamp and integral gravel stop.
- Provide floor drains or lacquered cast iron body with double drainage flange, weep holes, combined two piece body and reversible clamp device with strainers as follows:

|     | Adjustable solid nickel bronze type | Round in unfinished areas |
|-----|-------------------------------------|---------------------------|
| 12. |                                     |                           |
| 13. |                                     |                           |
- Provide air arrester to prevent water hammer. Provide of all hot and cold water supplies to each fixture or group of fixtures as required by BCPC and Municipal Codes.
- Rough-in fixture piping connection generally in accordance with the following table or as required for the particular fixtures specified elsewhere in this section.

|     | DCW | DHW | Waste | Vent |
|-----|-----|-----|-------|------|
| 1/2 | 1/2 | 1/4 | 1/4   |      |
| 3/4 | -   | -   | 4     | 1/4  |
| 1   | -   | -   | -     | -    |
- Wherever dissimilar metals are joined supported the piping shall have non-conductive type connections of hangers to prevent galvanic corrosion.

#### INSULATION

- Adhesives, insulation, coatings, sealers and recovering jackets. Composite fire and smoke hazard ratings shall not exceed 75 for flame spread and 50 for smoke developed. Adhesive coatings, and sealers shall be waterproof. Recovering jackets ULC listed Thermo Canvas treated cotton fabric and manufactured by 8 Retail Canvas Inc.
- All insulation shall be fibrous glass with K value at 15 degrees F maximum 0.02 BTU/In/F insulation on cold piping shall be C/U a factory reinforced vapor barrier.
- Ensure insulation is continuous through walls. Pack around pipes with fire proof self supporting insulation materials. Properly sealed. Entire

- Insulation installation shall equal the industry standard.
- Provide covering jackets on exposed insulation throughout, including equipment room. Insulation located in crawl spaces, pipe shafts and suspended ceiling spaces is not considered exposed. Use treated paper under recovering at unexposed surfaces.
- Ducting and piping insulation to be non-combustible within 18" of grease ducting and kitchen hood.
- Insulation thickness schedule:

| Piping                                                                     | Insulation Thickness | Duct and Equipment                                                                                                                                | Insulation Thickness |
|----------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 1 Vents and piping within 10' of outside and spaces to 6' inside warm wall | 1"                   | 4 Exhaust ducts within 10' of exterior walls or openings or from fan discharge (whichever is least) and within attic space to 6' inside warm wall | 1"                   |
| 2 Hot and cold except distribution piping within suites                    | 1"                   | 5 Outside air intake ducts                                                                                                                        | 1"                   |
| 3 Storm                                                                    | 1"                   | 6 Acoustic lining as per drawing                                                                                                                  | 1"                   |
|                                                                            |                      | 7 Combustion air ducts                                                                                                                            | 1"                   |
|                                                                            |                      | 8 Supply air ducts                                                                                                                                | 1"                   |

#### STRUCTURAL & SEISMIC ENGINEERING

- The mechanical contractor shall employ the services of a qualified seismic / structural engineer registered in BC to review the drawings and submit agreed sketches to the coordinating professional for building permit application and to submit a copy to Linkfield Engineering for documentation. Linkfield reserves the right to withhold all assurance letter until structural / seismic review is completed and assurance letter received.
- The seismic / structural engineer shall provide sign off for the seismic securement of the mechanical HVAC equipment and plumbing system.
- Fire Stopping and Smoke Material:
  - Fire stopping and smoke material usage and review to be identified by Architect and / or interior designer where applicable.
  - The contractor shall provide fire stopping at all duct, pipe, wiring and conduit penetrations of fire rated walls, ceilings, and floor where applicable.
  - All material that penetrates the fire rated assembly shall meet the smoke and flame spread requirements of the current bylaw.
  - Fire stopping and fire rated assembly installed shall be ULC approved. Upon request the contractor shall provide documentation of approved listing for review and acceptance.

- PROGRAMMABLE THERMOSTAT:
  - PROGRAMMABLE THERMOSTAT FOR NEW AIR HANDLING EQUIPMENT TO BE SUPPLIED BY LANDLORD AND INSTALLED BY MECHANICAL CONTRACTOR.
  - MECHANICAL CONTRACTOR TO PROVIDE A MINIMUM LENGTH OF 180FT OF LOW VOLTAGE THERMOSTAT CABLE, WIRED TO AIR HANDLING EQUIPMENT.
  - PROGRAMMABLE THERMOSTAT SHALL BE EQUIVALENT TO HONEYWELL COMMERCIAL MODEL VISON PRO 8000, TH8310R002 TOUCH SCREEN (UNLESS WIRELESS SENSORS ARE REQUIRED; REFER TO WIRELESS SENSOR SPECIFICATION SEE 010).
  - MECHANICAL CONTRACTOR TO CONFIGURE AND SET UP PROGRAMMABLE THERMOSTAT AS PER THE BELOW SPECIFICATIONS. THERMOSTAT TO BE SET WITH NO MORE THAN 8°F (15°C) DEADBAND. THERMOSTAT TO BE CAPABLE OF PROGRAMMING DIFFERENT TIME SCHEDULES FOR DIFFERENT DAYS OF THE WEEK WITH A 24HR MANUAL OVERRIDE.
  - OCCUPIED SET POINTS 66°F (19°C) HEATING; 15°F (24°C) COOLING.
  - SETBACK TEMPERATURE ON THERMOSTAT TO BE MINIMUM 60°F (16°C) AND MAXIMUM OF 80°F (27°C) DURING UNOCCUPIED HOURS.
  - DURING UNOCCUPIED MODE, SUPPLY FAN TO CYCLE WITH EITHER COOLING/HEATING MODE.
  - CONTRACTOR TO INSTALL PROGRAMMABLE THERMOSTAT AS INDICATED ON DRAWINGS AND TO PROVIDE SET UP AND CONFIGURATION AS PER LABEL. EACH THERMOSTAT WITH PERMANENT TAG INDICATING AIR HANDLING EQUIPMENT TAG.
  - INSTALL PROGRAMMABLE THERMOSTAT MAXIMUM 5FT ABOVE FINISHED FLOOR.
  - MECHANICAL CONTRACTOR TO INSTALL KEYOTE SENSOR(S) AS INDICATED ON DRAWINGS. INSTALL SENSORS MAXIMUM 5FT ABOVE FINISHED FLOOR, AWAY FROM HEAT PRODUCING EQUIPMENT AND WINDOWS.

#### PROJECT FIELD REVIEW:

- GENERAL CONTRACTOR TO CONTACT LINKFIELD FOR REVIEW AND APPROVAL OF THE FOLLOWING INSTALLATION AND PRIOR TO COVER (WHERE APPLICABLE). LINKFIELD RESERVES THE RIGHT TO WITH HOLD SCHEDULES OF ASSURANCES UNTIL INSTALLATION IS REVIEWED AND SUBSTANTIALLY COMPLETE.
- BELOW SLAB, SANITARY AND WATER SERVICE PIPE INSTALLATION
- PIPE INSTALLATION IN WALLS WITHOUT INSULATION
- ACCESSIBLE LAVATORY SINK BACKING SUPPORT
- FIRE STOPPING FOR FLOOR AND WALL PENETRATIONS OR ALTERNATIVELY REVIEWED BY ARCHITECT.
- PIPE INSTALLATION IN WALLS WITH INSULATION INSTALLED
- MECHANICAL EQUIPMENT AND DUCTWORK ROUGH IN
- SUBSTANTIAL COMPLETION OF MECHANICAL AND PLUMBING SYSTEM.

#### CLOSE OUT DOCUMENTS BY CONTRACTOR:

- GENERAL CONTRACTOR TO PROVIDE THE LISTED DOCUMENTS BELOW PRIOR TO FINAL FIELD REVIEW AND SIGN OFF BY THE ENGINEER.
- ALL NECESSARY INTERIM AND FINAL INSPECTION CERTIFICATES FROM THE AUTHORITY HAVING JURISDICTION.
- SCHEDULE C-B FOR RELATED STRUCTURAL AND SEISMIC RELATED WORK WHICH INCLUDES KITCHEN HOOD, EXHAUST FAN, HOT WATER TANK, CORING AND MAKE UP AIR UNIT.
- PROVIDE BALANCING REPORT FOR HVAC AND KITCHEN E/A AND MUA.
- AS-BUILTS DRAWINGS BY CONTRACTOR IN CAD FORMAT.
- ANY ADDITIONAL DOCUMENTS REQUIRED AND LISTED IN FIELD REPORTS.
- ONE WEEK NOTICE IS TO BE PROVIDED TO ENGINEER THAT MECHANICAL SYSTEM IS COMPLETE AND COMMISSIONED. CONTRACTOR TO PROVIDE SYSTEM ORIENTATION TO ENGINEER AND OWNER.

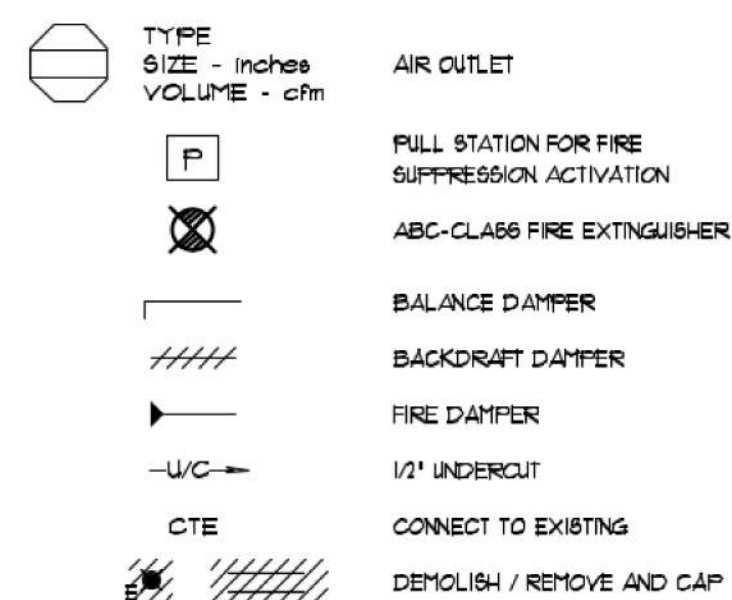
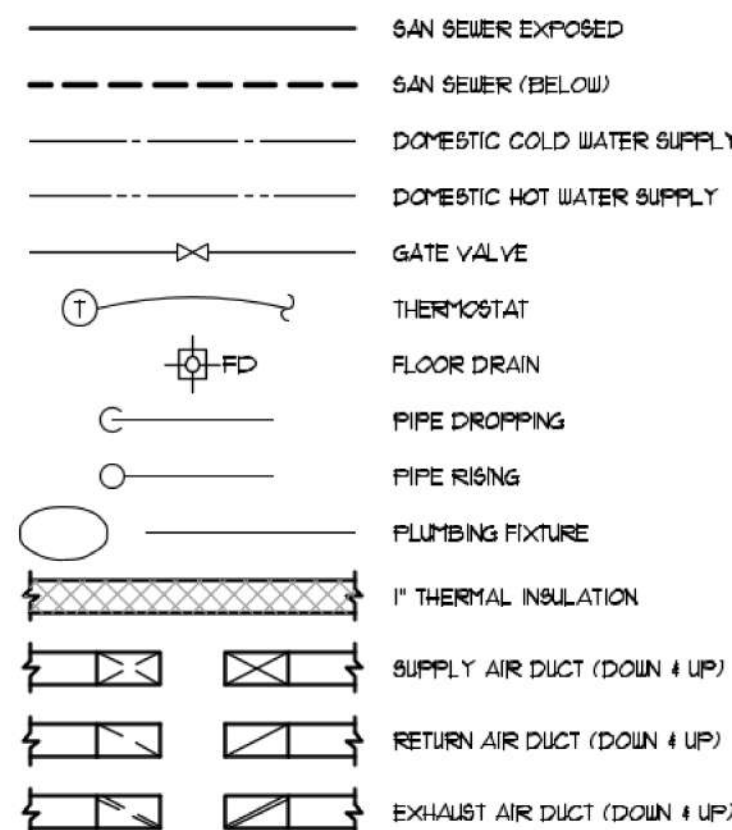
#### GENERAL NOTES:

- THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE LATEST ARCHITECTURAL, STRUCTURAL, CIVIL, LANDSCAPE, SPRINKLER & ELECTRICAL DRAWINGS.
- EX MECHANICAL AND PLUMBING CONFIGURATION TO BE CONFIRMED ON SITE. EX SERVICES NOTED ARE BASED ON DRAWINGS AND WILL NEED TO BE VERIFIED ON SITE. FOR DISCREPANCIES PLEASE CONTACT LINKFIELD FOR DETAILS.
- PRIOR TO PRICING/CONSTRUCTION REFER TO ARCHITECTURAL DRAWINGS FOR EXACT FLOOR PLAN, FLOOR ELEVATIONS, DIMENSIONS AND FIXTURE LOCATIONS.
- DO NOT SCALE OFF THIS DRAWING.
- LOCATION OF EXISTING EQUIPMENT SHOWN ON THIS DRAWING IS FOR REFERENCE ONLY. CONTRACTOR IS REQUIRED TO REVIEW AND CHECK THE EXACT LOCATION, SIZE, ELEVATION AND INVERT OF ALL EXISTING EQUIPMENT, THERMOSTATS, DUCTWORK AND PIPING ON SITE PRIOR TO COMMENCING WORK.
- ALLOW FOR X-RAY, CORING AND FIRE STOPPING OF ALL PENETRATIONS OF STRUCTURAL WALLS AND FLOORS. FOR ALL REBAR CUTTING AND REINFORCING A CERTIFIED STRUCTURAL ENGINEER WILL BE REQUIRED TO PROVIDE SUPPORTING DOCUMENTATION FOR THE REVIEW AND ACCEPTANCE OF WORK.
- GENERAL CONTRACTOR IS TO SEND A COMPLETE SET OF DRAWINGS TO THEIR SUB-TRADES AT THE TIME OF TENDER. NO CHANGES WILL BE CONSIDERED BY ANY SUB-TRADE OR SUPPLIER CLAIMING THAT THEY WERE NOT AWARE OF THE COMPLETE PROJECT SCOPE.

#### CONSTRUCTION NOTES:

- PROVIDE INSULATION FOR ALL NEW WATER SERVICE LINES AS PER ASHRAE 90.1 REQUIREMENTS.
- PROVIDE MIXING VALVE FOR TEMPERED WATER FOR ALL HAND BINK AND LAVATORY SINKS.
- CONTRACTOR TO REVIEW ALL MECHANICAL, DUCTWORK AND EQUIPMENT HEIGHTS AND COORDINATE INSTALLATION WITH ARCHITECTURAL DESIGNER. CONTACT LINKFIELD FOR ANY DISCREPANCY PRIOR TO INSTALLATION.
- CONTRACTOR TO ENSURE ALL PIPING AND MATERIAL IN RETURN AIR PLUMB TO BE FLUENT RATED.

## LEGEND



#### FORTIS GAS LOAD

| EQUIPMENT      | MEH |
|----------------|-----|
| HOT WATER TANK | -   |
| ROOF TOP UNIT  | 125 |
| EX UNIT HEATER | -   |
| TOTAL          | 125 |

#### NOTES:

- GAS FITTER TO CONFIRM SITE CONDITIONS AND DESIGN REQUIREMENTS PRIOR TO INSTALLATION. CONTACT LINKFIELD FOR ANY DISCREPANCIES ESTIMATED ± 80FT
- GAS REGULATOR + 8PSIG W/ 0.5 PSIG DROP - B149.1 A4
- PLUMBING CONTRACTOR TO ENGAGE A CERTIFIED GAS FITTER TO COMPLETE GAS PIPING DESIGN, INSTALLATION AND REVIEW TO CURRENT GAS CODE BY-LAW.
- GAS FITTER TO PROVIDE INSTALLATION AND CERTIFICATION TO LINKFIELD PRIOR TO PROJECT COMPLETION.

| NO | DATE      | REVISION                     | BY |
|----|-----------|------------------------------|----|
| 2  | SEP 08/26 | ISSUED FOR DP                | LS |
| 1  | SEP 06/26 | ISSUED FOR 90% CLIENT REVIEW | LS |

|                                                               |                                                         |
|---------------------------------------------------------------|---------------------------------------------------------|
| Stamp                                                         | FN\200516                                               |
| LINKFIELD CONSULTANTS LTD.<br>MECHANICAL CONSULTANT ENGINEERS |                                                         |
| 4737 Georgia Street<br>Burnaby, B.C. V5C 2V7                  | Email: La.Linkfield@gmail.com<br>Office: (778) 705-2481 |

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#### FIELD REVIEW

Contractor shall responsible to inform the Engineer 48 hours prior the Field Review. Field Reviews are required for all under slab installation, rough-in installation and Final.

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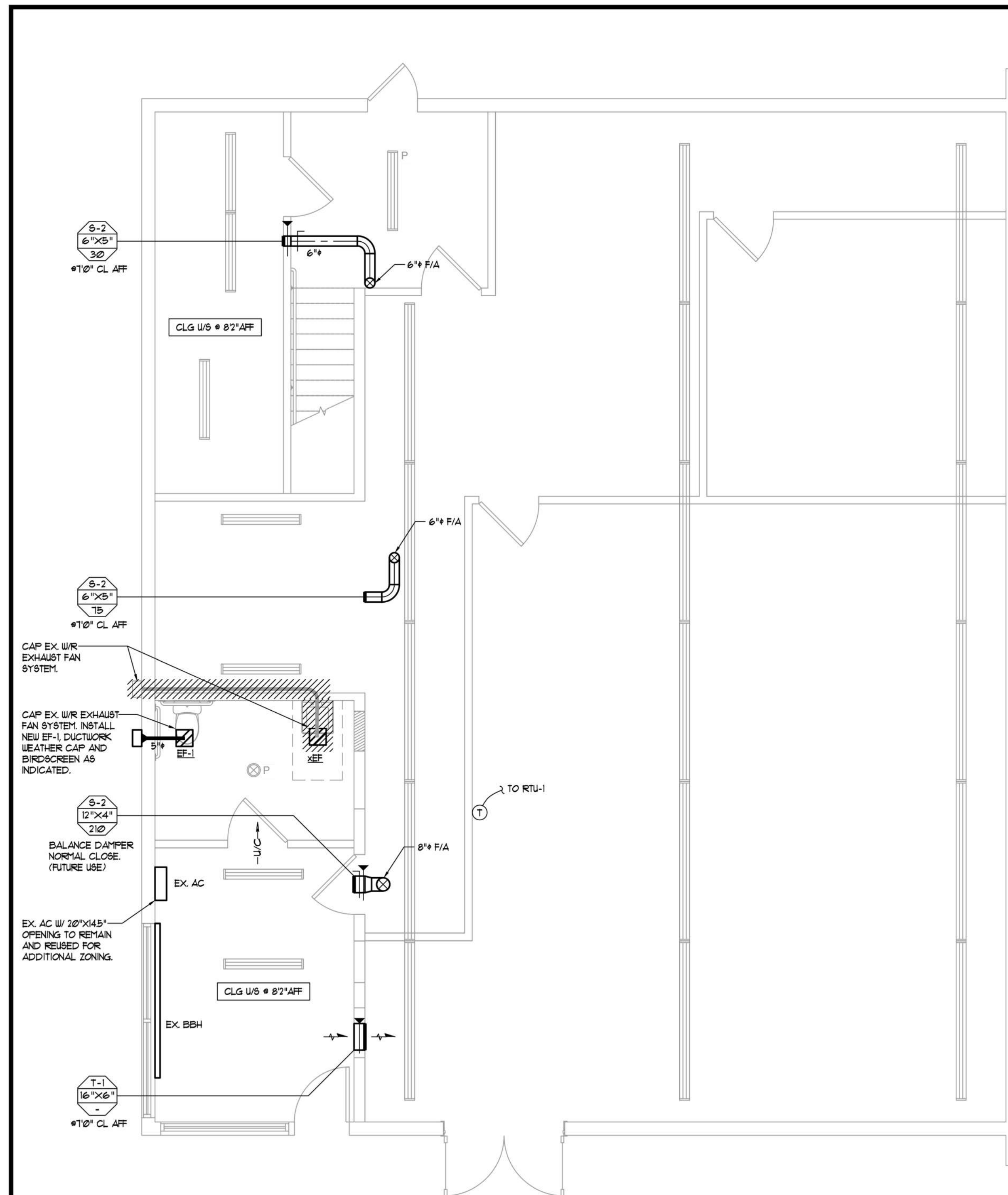
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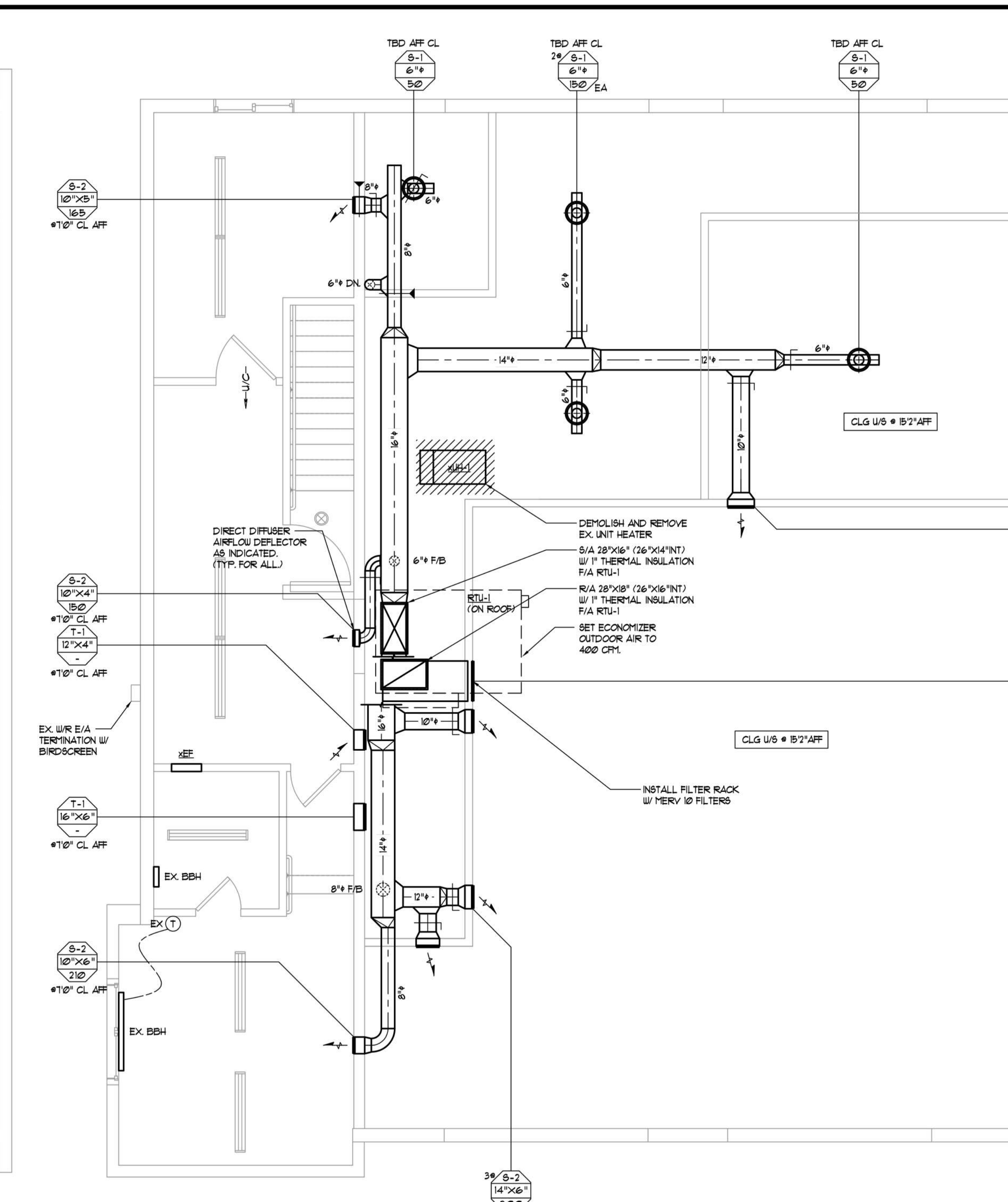
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MAIN FLOOR PLAN - H. V. A. C.

SCALE 1/4"=1'-0"

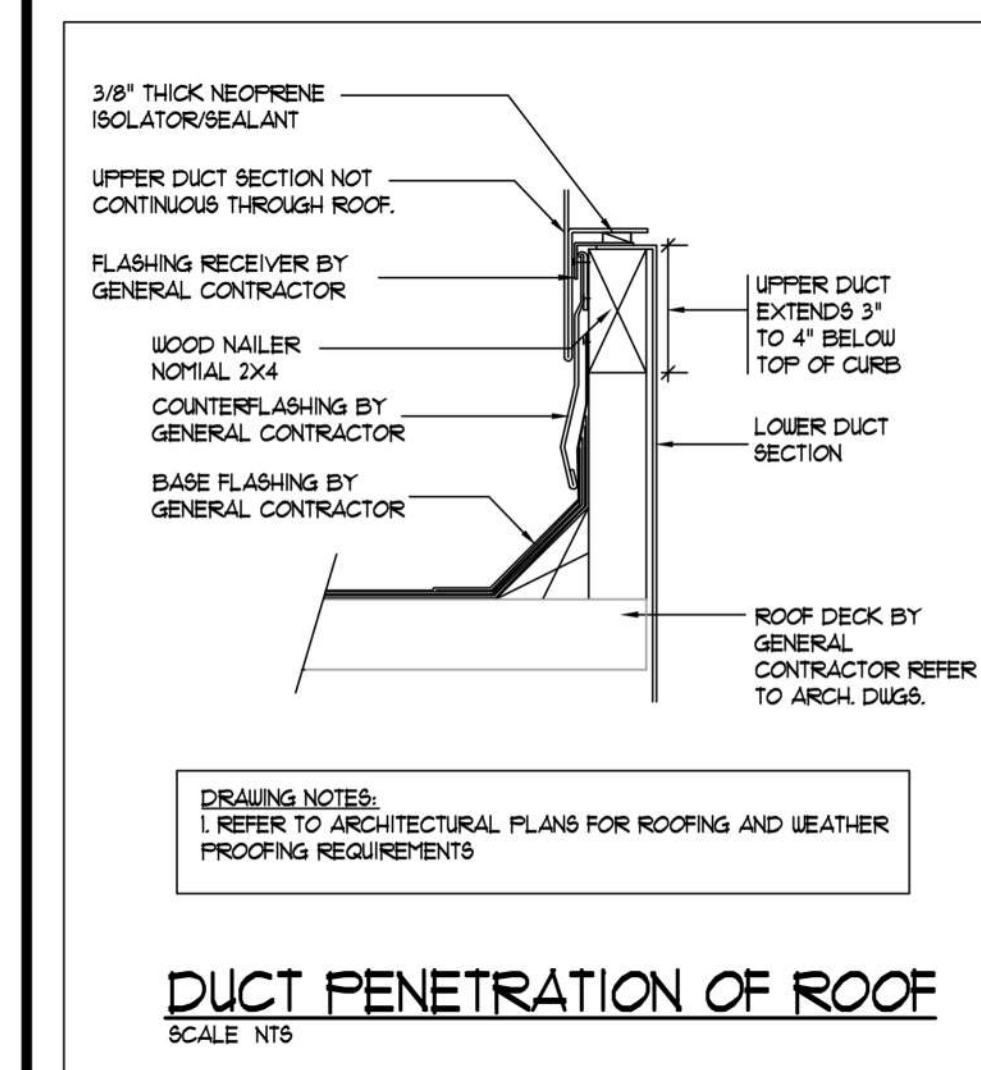


SECOND FLOOR PLAN - H. V. A. C.

SCALE 1/4"=1'-0"

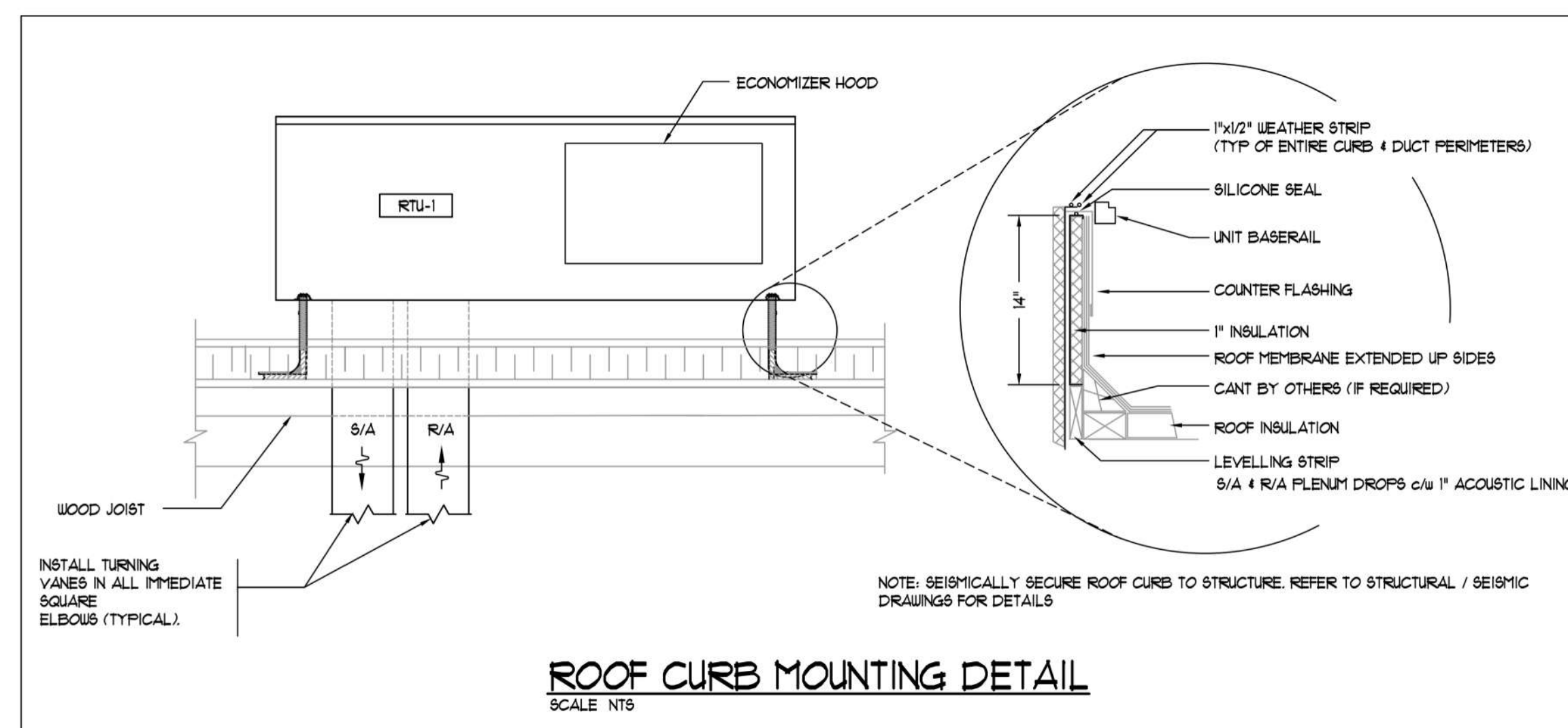
- HYAC GENERAL NOTE:

1. ALL EXISTING SERVICES IN THIS DRAWING MAY NOT REFLECT THE EXACT LOCATION OF THE SERVICE. CONTRACTOR REQUIRE TO CONFIRM ALL EXIST. SERVICE ON-SITE PRIOR TO CONSTRUCTION. CONSULT ENGINEER IMMEDIATELY FOR ANY DISCREPANCY.
2. DUCTS RUNNING PARALLEL TO THE JOIST SHALL RUN BETWEEN THE JOISTS, AND DUCTS RUNNING PERPENDICULAR TO THE JOIST SHALL RUN THROUGH THE JOIST. USE ALL DUCT, PIPE & EQUIPMENT HANGER SHALL BE CONNECTED AT PANEL POINTS IN THE JOISTS.COORDINATE WITH ALL OTHER TRADES AND SERVICES BEFORE FINAL LOCATIONS OF DUCTS, PIPES, DIFFUSERS, EQUIPMENT, ETC. ARE FINALIZED. CONTRACTOR TO COORDINATE THERMOSTAT FINAL LOCATION WITH OTHER ELECTRICAL SERVICES AND TO ACHIEVE APPROVAL.
3. CO-ORDINATE LOCATIONS OF ALL GRILLES AND DIFFUSERS WITH LIGHTS, SPRINKLERS, ETC AND REFLECTED CEILING PLANS.
4. KEEP ALL SERVICES AS HIGH AS POSSIBLE TO MAINTAIN CEILING HEIGHTS SHOWN ON ARCH.
5. FINAL LOCATIONS OF ALL AIR HANDLING EQUIPMENT MUST BE SUCH THAT SERVICE SPACE IS MAINTAINED IN ORDER THAT THEY ARE READILY ACCESSIBLE FOR SERVICEABILITY.
6. ALL DUCT, DUCT AND PIPE DROPS OR RISERS IN CEILING SPACE, WHETHER SHOWN OR NOT AS REQUIRED TO BUT STRUCTURAL ELEMENTS, ROOF LEVELS, CEILING LEVELS ETC.
7. PROVIDE FIRE DAMPERS IN ALL DUCTS PENETRATING FLOORS VERTICALLY WHERE AVAILABLE.
8. PROVIDE BALANCING DAMPER ON ALL FRESH AIR AND SUPPLY AIR BRANCHES WHETHER SHOWN OR NOT.
9. BALANCE SUPPLY AIR FOR AIR HANDLING UNIT. PROVIDE BALANCE AIR REPORT TO LIAISON ENGINEER FOR REVIEW AND REPLY TO SPECIFICATIONS FOR FURTHER DETAILS. UNDERCUT ALL INTERIOR SITE DOORS MINIMUM 1/2" (12mm).
10. PROVIDE BIRD SCREEN RUST PROOF MESH AT ALL OUTDOOR INTAKE AND EXHAUST WEATHER CAPS
11. PROVIDE AIR OUTLETS (IE DRYER, RANGE, BATHROOM) HAVE TO WEATHER CAP C/W BALD DRAFT DAMPER
12. TERMINATE FRESH AIR INTAKE MINIMUM 6FT (3M) FROM FLEU VENTS AND MINIMUM 6FT (18M) FROM ANY EXHAUST VENTS.
13. TERMINATE EXHAUST VENTS MINIMUM 6FT (18M) FROM FLEU VENTS.
14. TERMINATE ALL EXHAUST/INTAKE DUCTS OUTSIDE OF BUILDING STRUCTURE , NOT IN ROOF OR VOID SPACES.



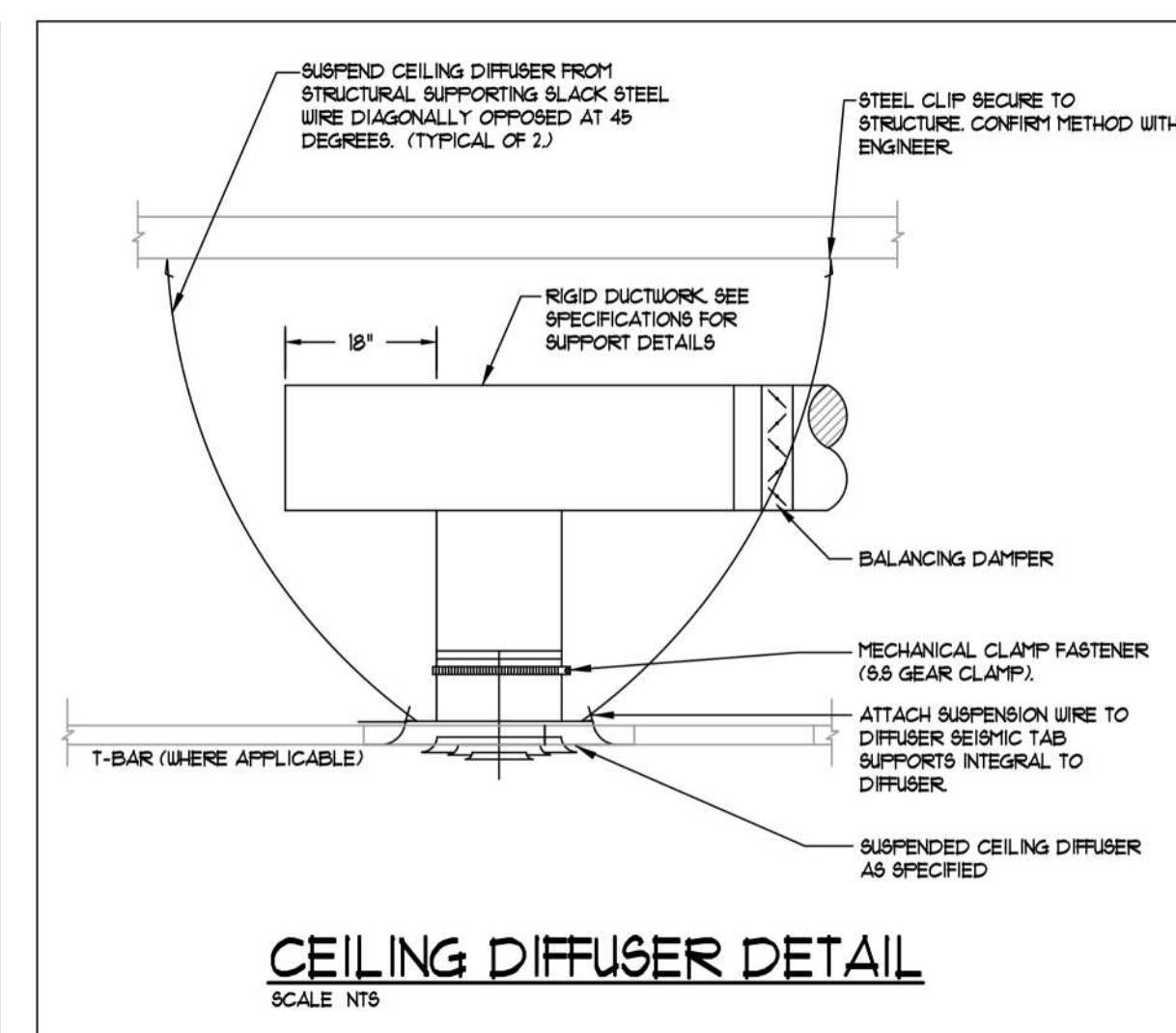
## DUCT PENETRATION OF ROOF

SCALE NTS



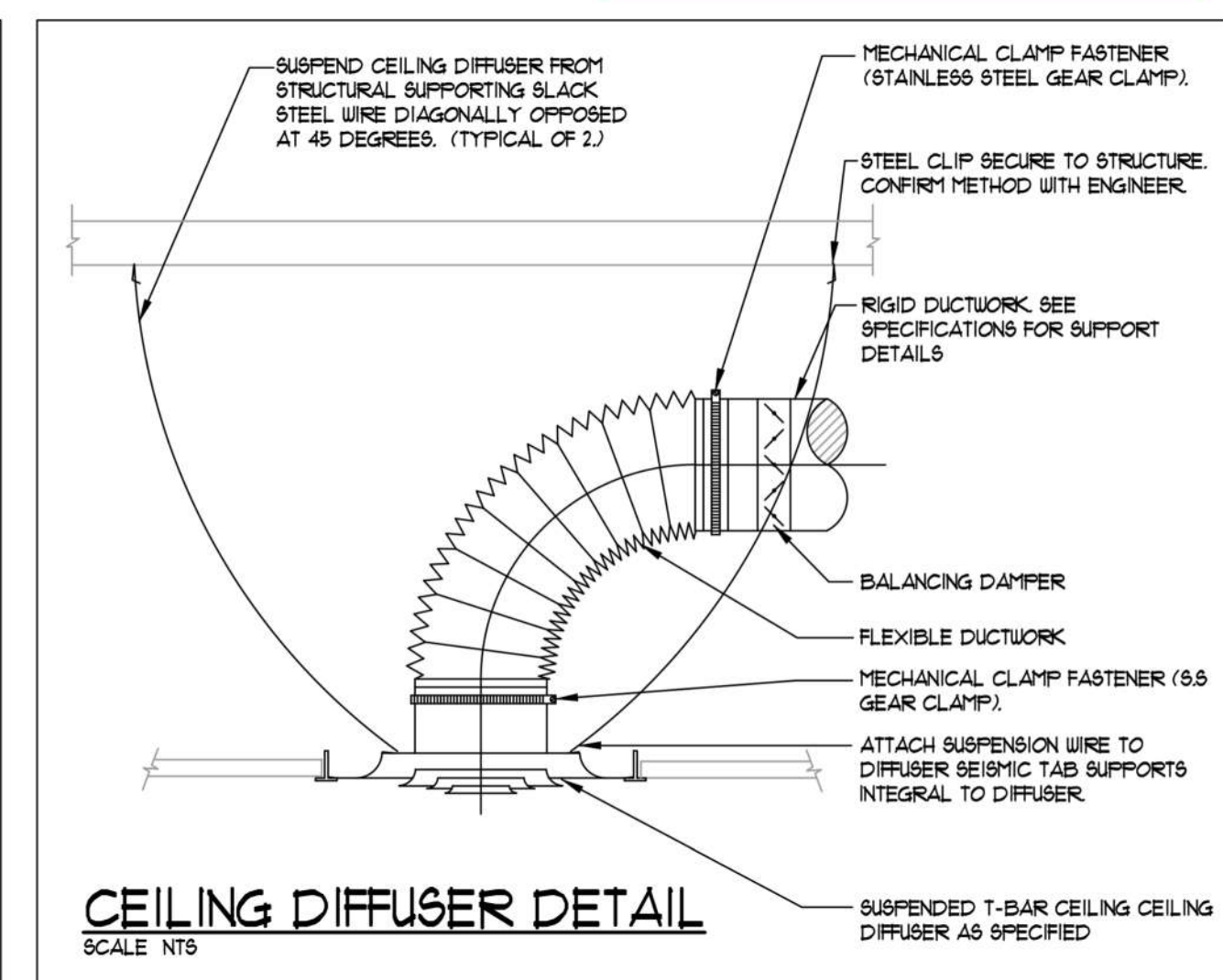
### ROOF CURB MOUNTING DETAIL

SCALE NTS



### CEILING DIFFUSER DETAIL

SCALE NTS



### CEILING DIFFUSER DETAIL

SCALE NT

## Appendix I

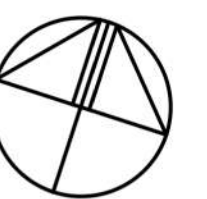
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| 2  | SEP 08/16 | ISSUED FOR DP                |  | L6 |
| 1  | SEP 06/16 | ISSUED FOR 90% CLIENT REVIEW |  | L6 |
| NO | DATE      | REVISION                     |  | BY |

Stamp



**LINKFIELD CONSULTANTS LTD.**  
MECHANICAL CONSULTANT ENGINEERS

4737 Georgia Street  
Burnaby, B.C. V5C 2V7

Email: [Ls.lnkfield@gmail.com](mailto:Ls.lnkfield@gmail.com)  
Office: (778) 708-2491

Project

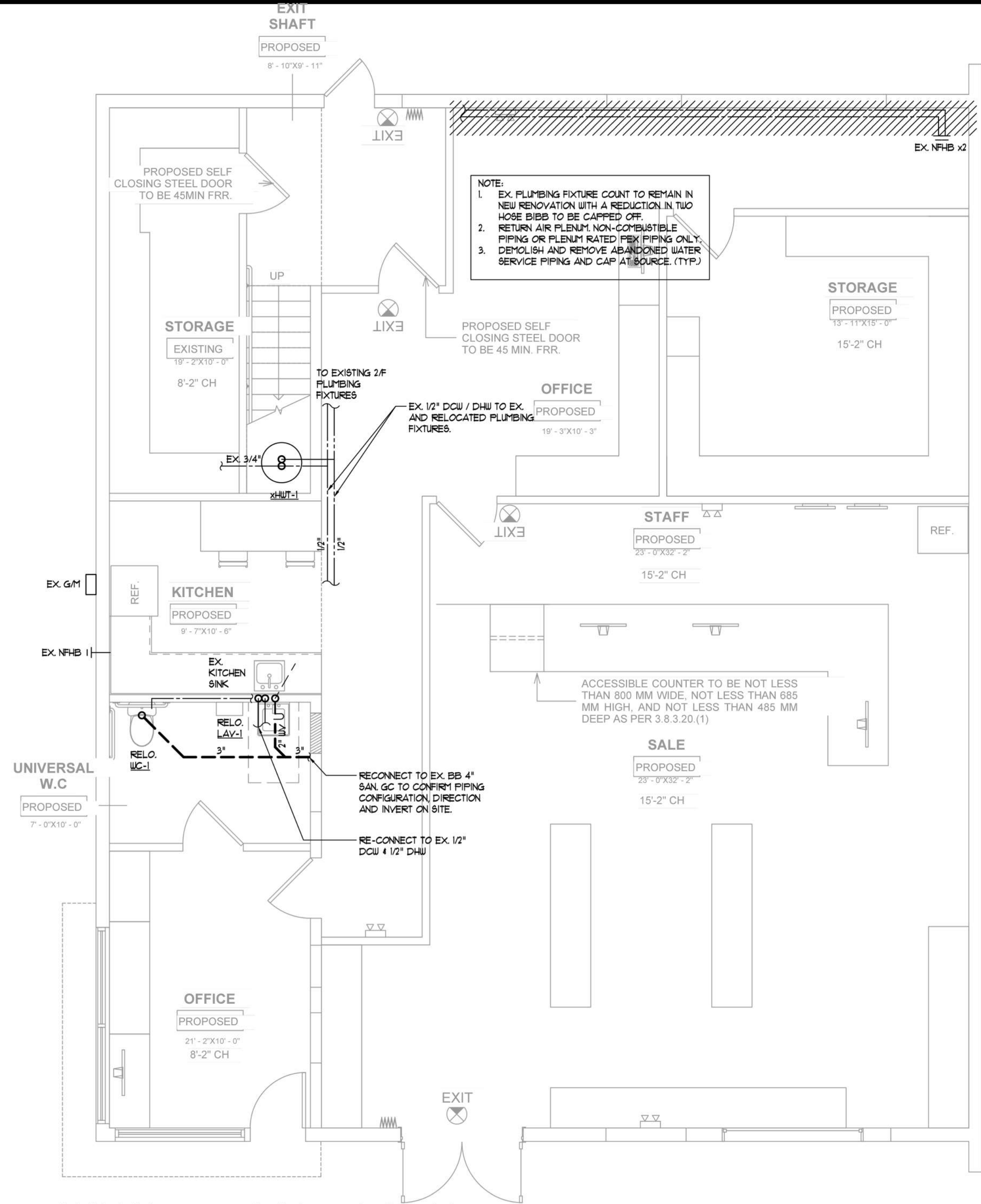
TEAM CANNABIS  
T.I.

22339 48 AVENUE  
LANGLEY, BC

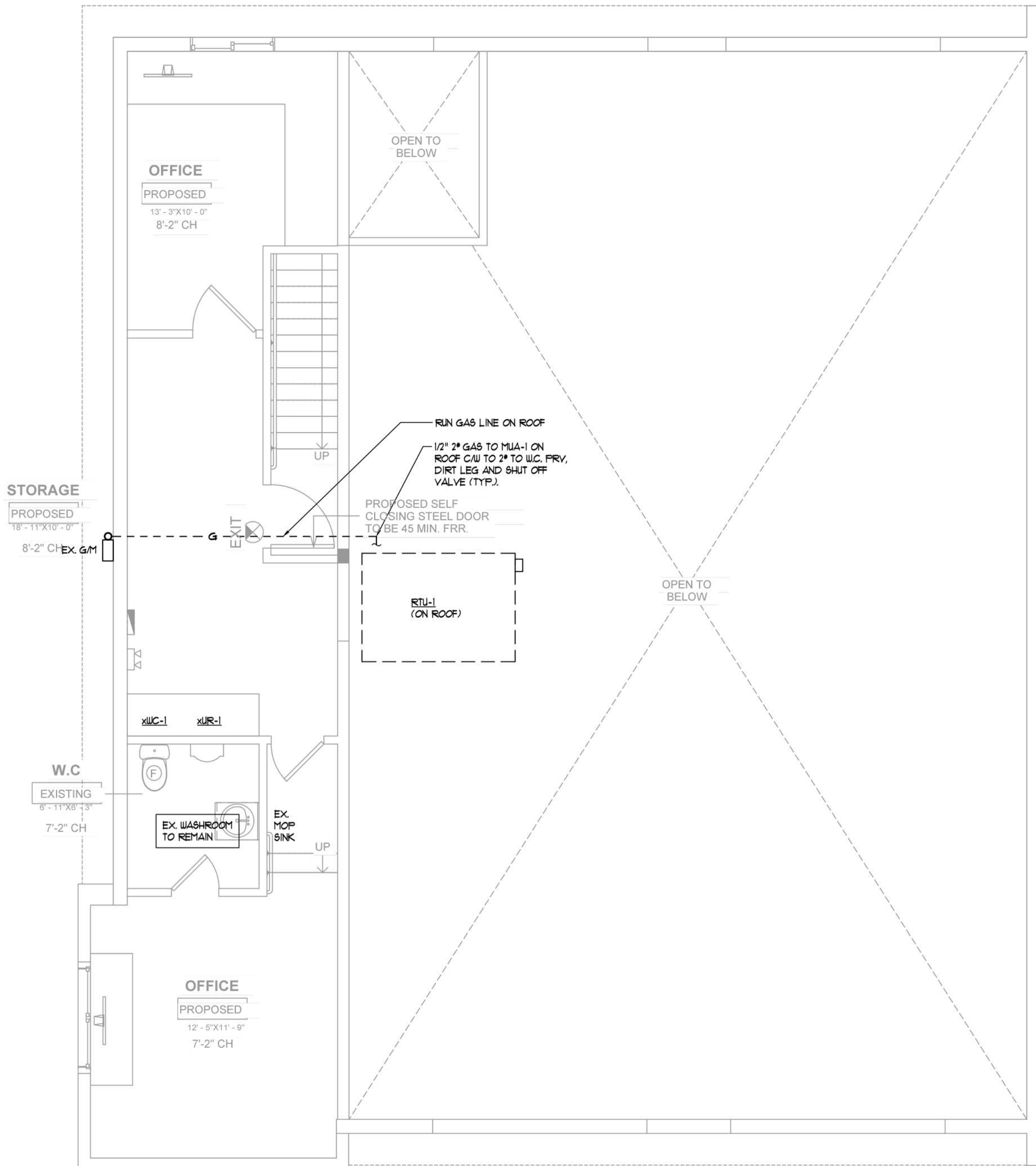
Title

**MECH. & PLUMB.**  
- FLOOR PLAN - H.V.A.C.  
- DETAILS

|         |              |             |             |
|---------|--------------|-------------|-------------|
| Drawn   | LS           | Project No. | M26127      |
| Checked | LS           | Drawing No. | <b>MP-2</b> |
| Date    | SEP 2026     |             |             |
| Scale   | 1/4" = 1'-0" | 2 of 3      |             |



MAIN FLOOR PLAN - PLUMBING  
SCALE 1/4"=1'-0"



SECOND FLOOR PLAN - PLUMBING  
SCALE 1/4"=1'-0"

- PLUMBING GENERAL NOTE:**
- ALL EXISTING SERVICE IN THIS DRAWING MAY NOT REFLECT THE EXACT LOCATION OF THE SERVICE. CONTRACTOR REQUIRE TO CONFIRM ALL EXIST. SERVICE ON-SITE PRIOR TO CONSTRUCTION. CONSULT ENGINEER IMMEDIATELY FOR ANY DISCREPANCY.
  - CONTRACTOR MUST VERIFY PIPE LENGTHS ON SITE PRIOR TO TENDER AND CONSTRUCTION.
  - ALL WATER SERVICE LINE SIZING AND MATERIAL TO BE BASED PEX PIPING
  - PROVIDE PLENUM RATED PEX PIPING WHERE APPLICABLE
  - REFER TO EQUIPMENT SCHEDULE FOR INDIVIDUAL PLUMBING FIXTURE LINE SIZING.
  - PROVIDE 2" LAVATORY WET VENT TO WATER CLOSET (TYP.)
  - REMOVE ALL WATER PIPING DEAD LEG AND CAP AT SOURCE (TYP.)
  - CONTRACTOR TO REVIEW EXISTING SAN PIPING INVERTS AND ESTABLISH MINIMUM GRADING PRIOR TO INSTALLATION. CONSULT LINKFIELD ENGINEERING FOR ANY INVERT COMPLICATIONS FOR REVIEW PRIOR TO INSTALLATION.  
4" SAN - 2.0% SLOPE  
3" SAN AND SMALLER - 2.0% SLOPE
  - UNSPECIFIED PLUMBING FIXTURE TO BE SPECIFIED AND REVIEWED BY OTHER.
  - INSTALL WATER PIPES TIGHT TO BACK OF WALL BELOW CABINET SURFACE TO PLUMBING FIXTURE
  - RUN WATER PIPES IN FURRED WALL TO PLUMBING FIXTURE (TYP. FOR ALL).
  - WALL CARRIER TO BE PROVIDED FOR HANDICAP LAVATORY AND ALL BACK OUTLET
  - CONTRACTOR TO ENSURE ALL THE DRAIN ARE LOCATED AT LOW POINTS. REFER TO ARCHITECT'S DRAWING FOR ELEVATIONS & SLOPES
  - CONTRACTOR TO CO-ORDINATE ALL REQUIRED PLUMBING WALLS, FOR LINES OVER 2" DIA. PRIOR TO CONSTRUCTION
  - GO TO X-RAY AND SCAN WALL OR FLOOR LOCATION. ENSURE NO CUTTING OF CRITICAL STRUCTURAL ELEMENTS AND BASE BUILDING SERVICES PRIOR TO CORING.
  - PROVIDE MIXING VALVE FOR TEMPERED WATER FOR ALL HAND SINK AND LAVATORY SINKS.

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| 2  | SEP 08/26 | ISSUED FOR DP                | LS |
| 1  | SEP 06/26 | ISSUED FOR 90% CLIENT REVIEW | LS |

Stamp

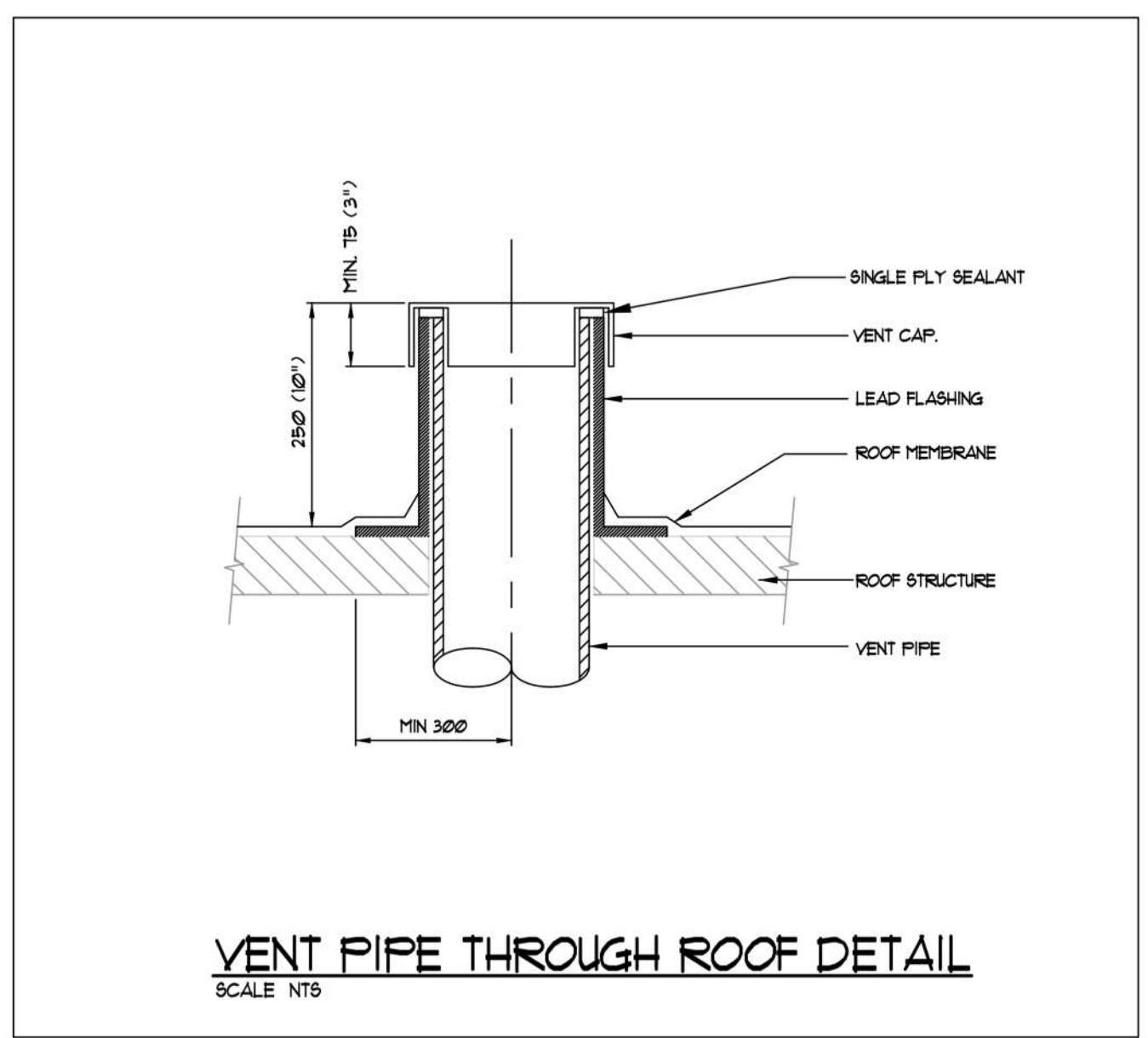
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**LINKFIELD CONSULTANTS LTD.**  
MECHANICAL CONSULTANT ENGINEERS

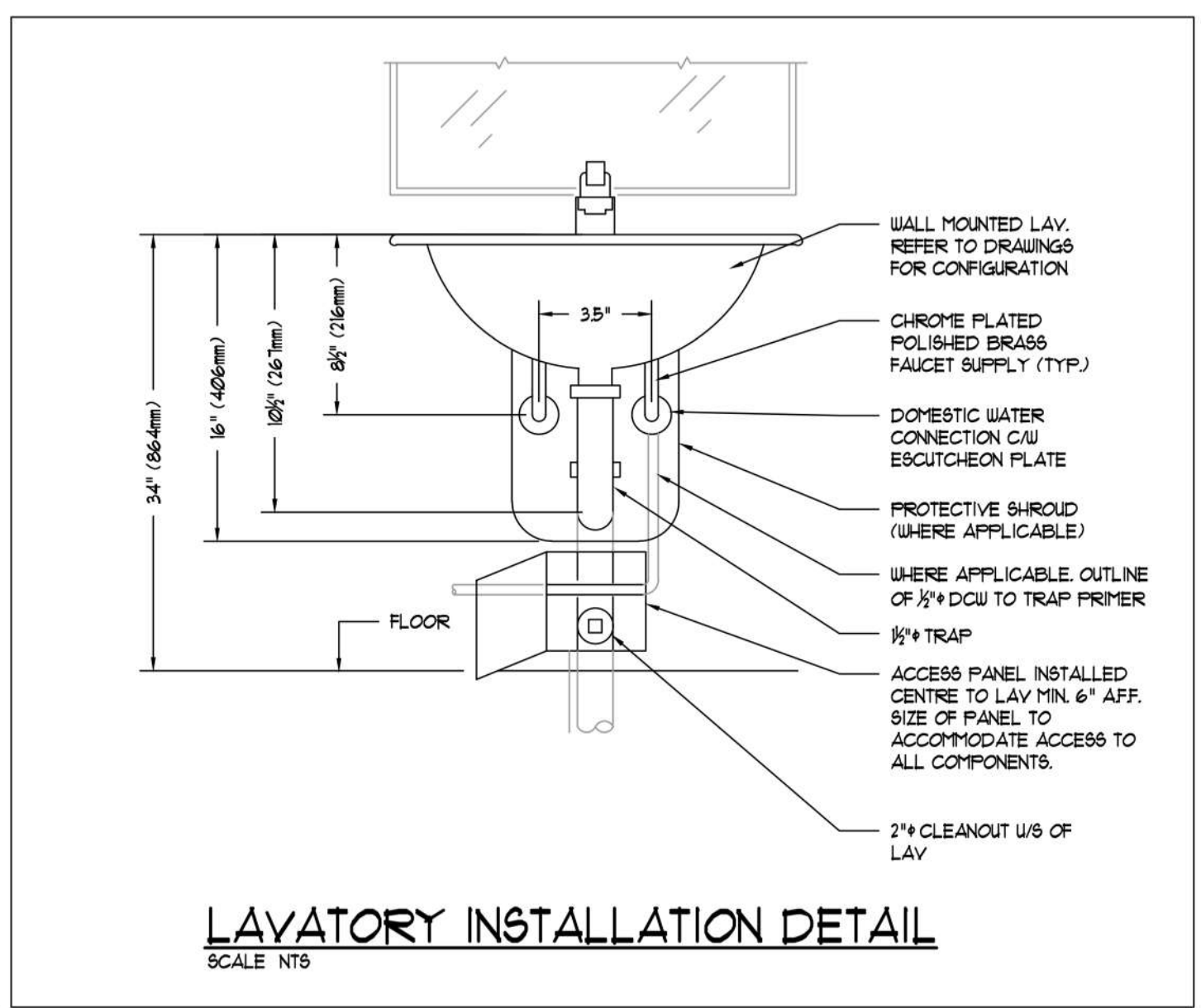
4737 Georgia Street  
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Email: [Lx.linkfield@gmail.com](mailto:Lx.linkfield@gmail.com)  
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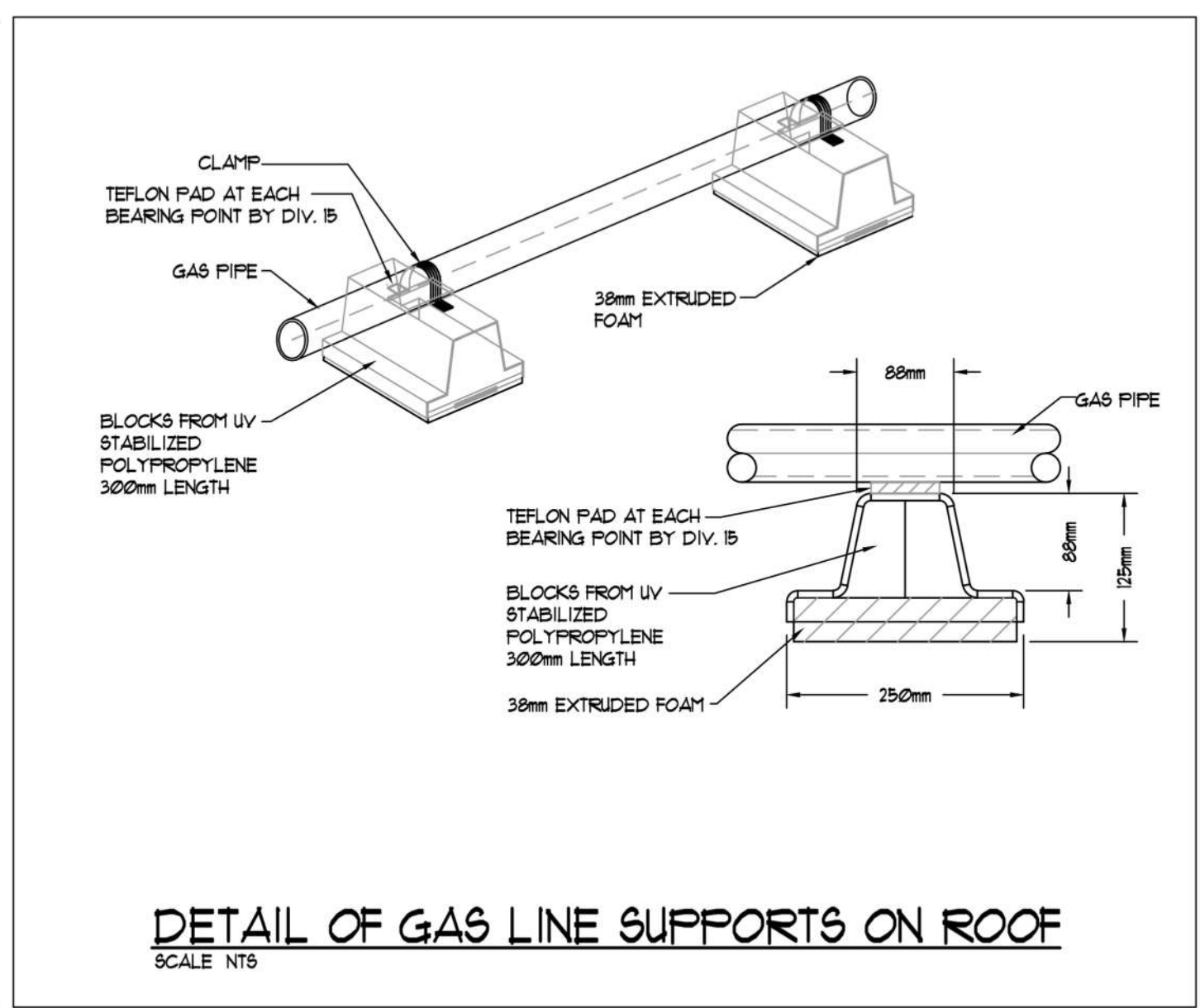
## Appendix I



VENT PIPE THROUGH ROOF DETAIL  
SCALE NTS



LAVATORY INSTALLATION DETAIL  
SCALE NTS



DETAIL OF GAS LINE SUPPORTS ON ROOF  
SCALE NTS

Project  
**TEAM CANNABIS**  
T.I.

**22339 48 AVENUE**  
**LANGLEY, BC**

|                                                                          |                            |
|--------------------------------------------------------------------------|----------------------------|
| Title<br><b>MECH. &amp; PLUMB.</b><br>- FLOOR PLAN - PLUMB.<br>- DETAILS |                            |
| Drawn<br>LS                                                              | Project No.<br>M26127      |
| Checked<br>LS                                                            | Drawing No.<br><b>MP-3</b> |
| Date<br>SEP 2026                                                         | Scale<br>1/4" = 1'-0"      |
| Scale<br>1/4" = 1'-0"                                                    | 3 of 3                     |