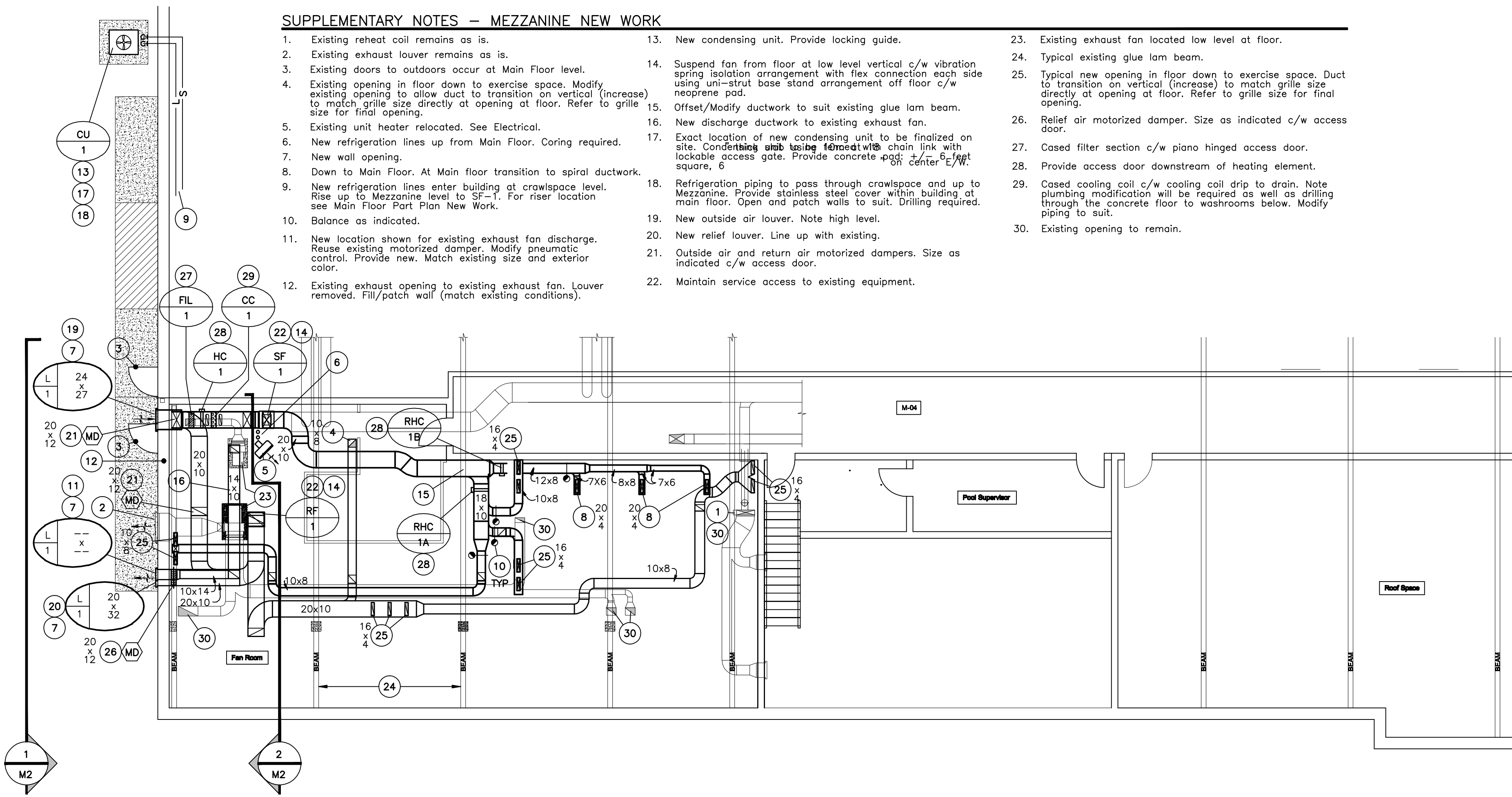
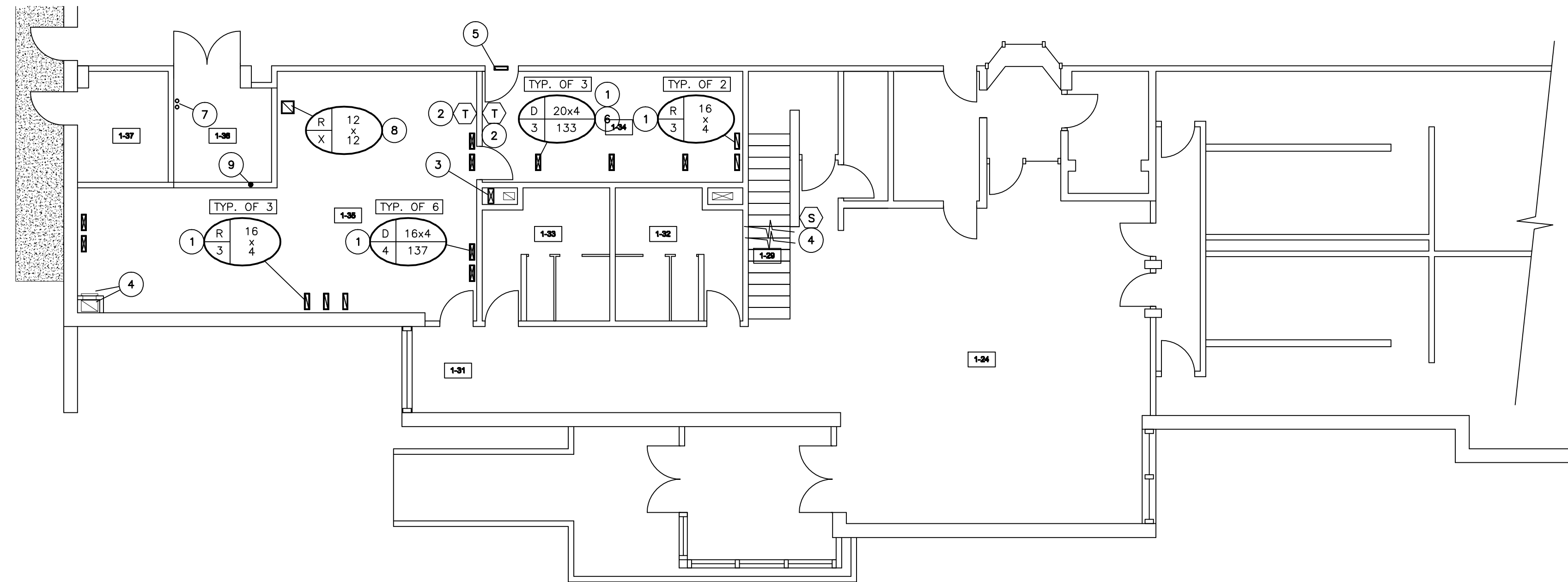


**SUPPLEMENTARY NOTES — MEZZANINE NEW WORK**

- Existing reheat coil remains as is.
- Existing exhaust louver remains as is.
- Existing doors to outdoors occur at Main Floor level.
- Existing opening in floor down to exercise space. Modify existing opening to allow duct to transition on vertical (increase) to match grille size directly at opening at floor. Refer to grille size for final opening.
- Existing unit heater relocated. See Electrical.
- New refrigeration lines up from Main Floor. Coring required.
- New wall opening.
- Down to Main Floor. At Main floor transition to spiral ductwork.
- New refrigeration lines enter building at crawlspace level. Rise up to Mezzanine level to SF-1. For riser location see Main Floor Part Plan New Work.
- Balance as indicated.
- New location shown for existing exhaust fan discharge. Reuse existing motorized damper. Modify pneumatic control. Provide new. Match existing size and exterior color.
- Existing exhaust opening to existing exhaust fan. Louver removed. Fill/patch wall (match existing conditions).
- New condensing unit. Provide locking guide.
- Suspend fan from floor at low level vertical c/w vibration spring isolation arrangement with flex connection each side using uni-strut base stand arrangement off floor c/w neoprene pad.
- Offset/Modify ductwork to suit existing glue lam beam.
- Exact location of new condensing unit to be finalized on site. Condensing unit being fabricated with chain link with lockable access gate. Provide concrete pad: center 6' x 6' square, 6"
- Refrigeration piping to pass through crawlspace and up to Mezzanine. Provide stainless steel cover within building at main floor. Open and patch walls to suit. Drilling required.
- New outside air louver. Note high level.
- New relief louver. Line up with existing.
- Outside air and return air motorized dampers. Size as indicated c/w access door.
- Maintain service access to existing equipment.
- Existing exhaust fan located low level at floor.
- Typical existing glue lam beam.
- Typical new opening in floor down to exercise space. Duct to transition on vertical (increase) to match grille size directly at opening at floor. Refer to grille size for final opening.
- Relief air motorized damper. Size as indicated c/w access door.
- Provide access door downstream of heating element.
- Cased cooling coil c/w cooling coil drip to drain. Note plumbing modification will be required as well as drilling through the concrete floor to washrooms below. Modify piping to suit.
- Existing opening to remain.



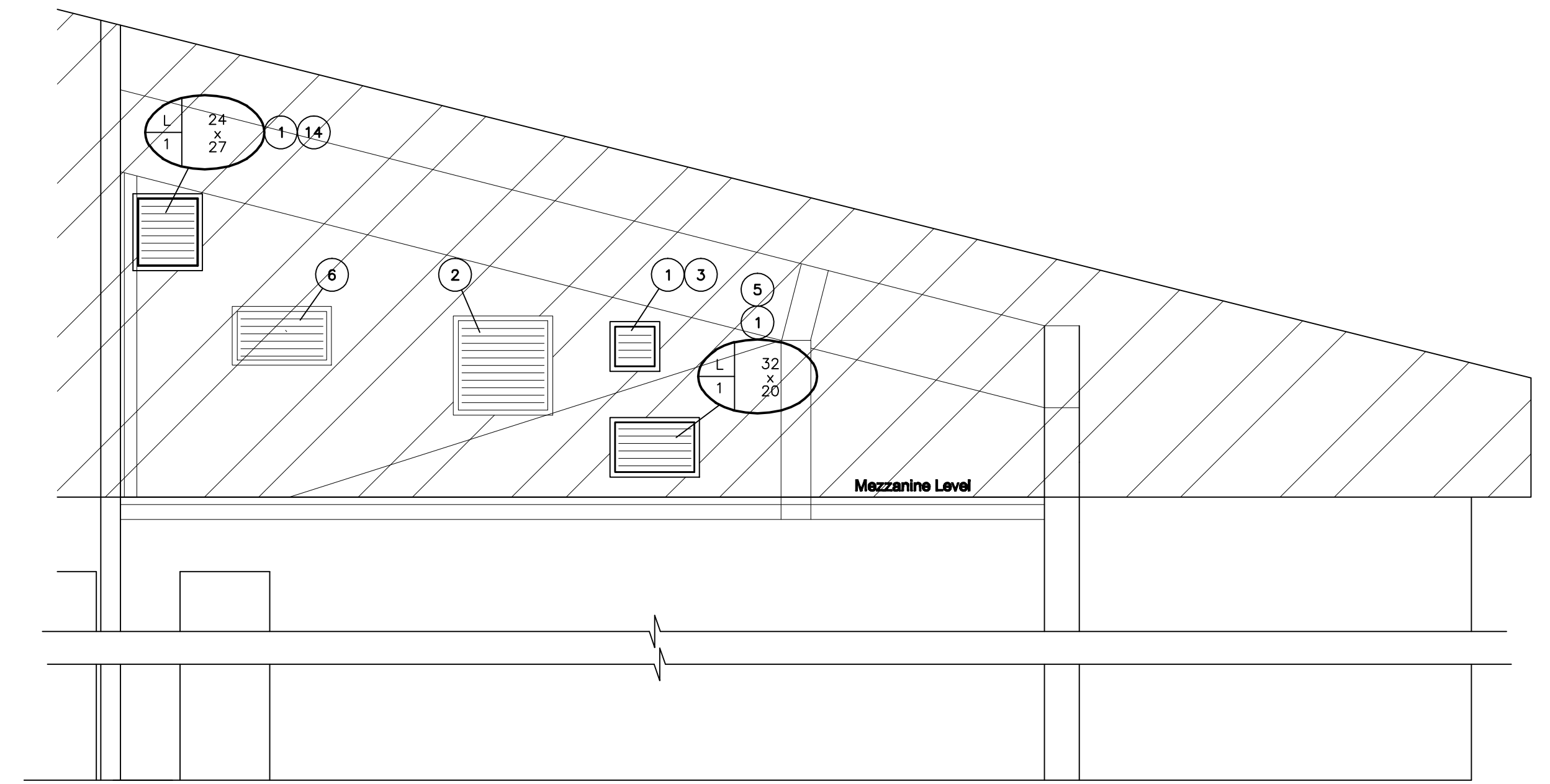
**MEZZANINE PART PLAN - NEW WORK**  
SCALE: 1/8" = 1'-0"



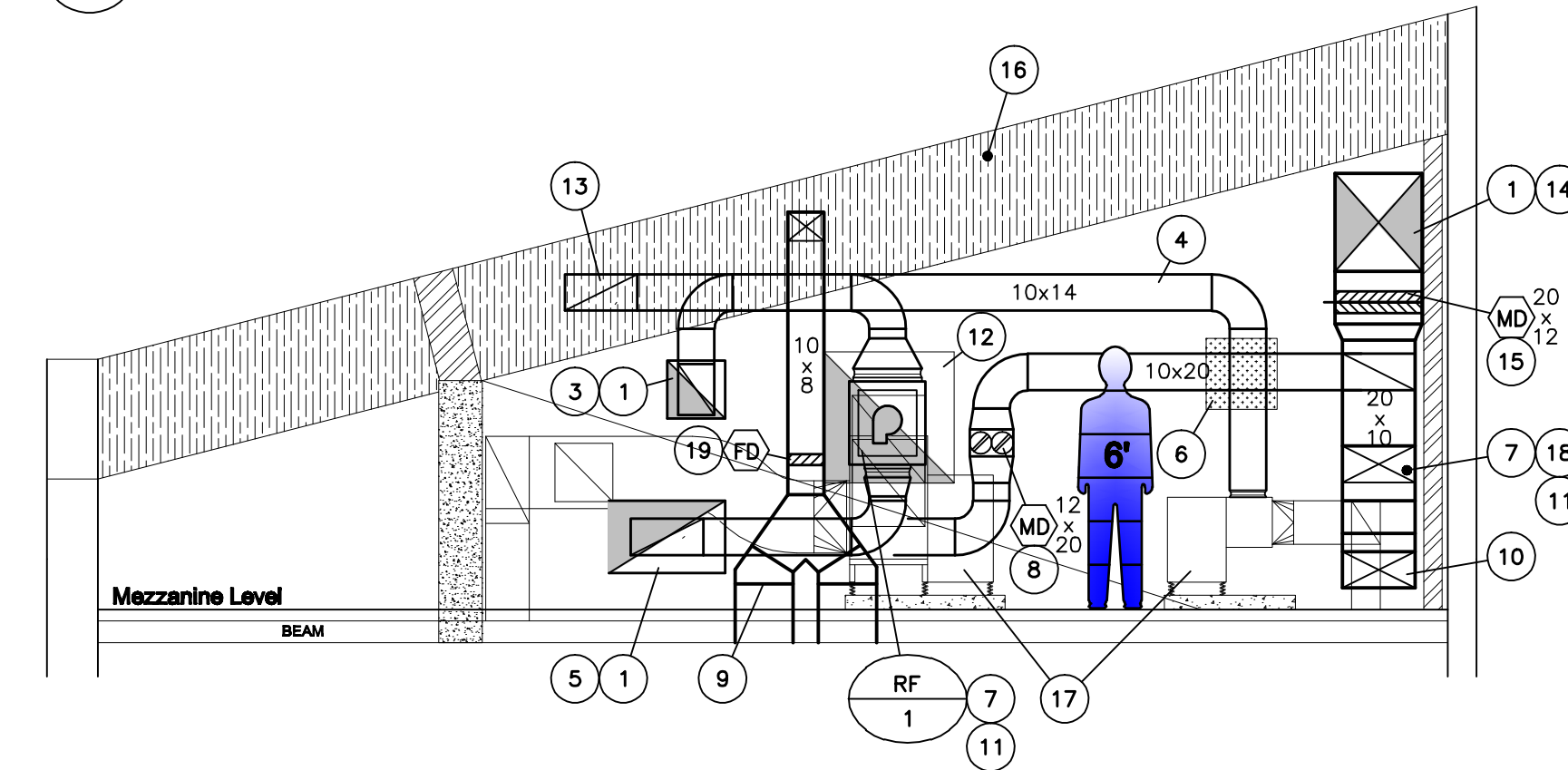
**MAIN FLOOR PART PLAN - NEW WORK**  
SCALE: 1/8" = 1'-0"

**SUPPLEMENTARY NOTES — MAIN FLOOR NEW WORK**

- New opening through Mezzanine Floor required. Final location will be based on existing conduit locations.
- Final locations of thermostat to be determined on site.
- Existing riser capped. Patch and paint. Finish floor at Mezzanine.
- Maintain existing.
- Existing door grille removed to the interior side. Patch door (metal, paint).
- Discharge air directed towards wall shared with washroom.
- Final location determined on-site. New refrigeration line risers from CU-1 to SF-1. Refrigeration lines down to low level/basement to exit to outdoors. Provide stainless steel cover within this room.
- Existing opening and grille reused.
- Existing wall to be patch (drywall). Entire wall to be painted.



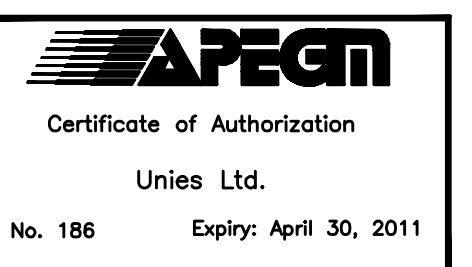
**1 ELEVATION**  
SCALE: 1/4" = 1'-0"



**2 SECTION**  
SCALE: 1/4" = 1'-0"

**SUPPLEMENTARY NOTES — ELEVATIONS AND SECTION NEW WORK**

- New wall opening.
- Existing exhaust louver remains as is.
- New location shown for existing exhaust fan discharge. Reuse existing motorized damper. Modify pneumatic control. New Louver (Match existing conditions).
- New discharge ductwork to existing exhaust fan.
- New relief louver. Line up with existing.
- Existing Louver remains. Fill/patch wall (match existing conditions).
- Suspend fan from floor at low level vertical c/w vibration spring isolation arrangement with flex connection each side using uni-strut base stand arrangement off floor c/w neoprene pad.
- New return air motorized dampers. Size as indicated c/w access door.
- Typical new opening in floor down to exercise space. Duct to transition on vertical (increase) to match grille size directly at opening at floor. Refer to grille size for final opening.
- Offset ductwork low level to set supply fan at approximate height shown.
- Maintain service access to existing equipment.
- Existing remains as is.
- Return from space. Offset to miss beam.
- New outside air louver. Note high level.
- New outside air motorized dampers. Size as indicated c/w access door.
- Existing glue lam beam.
- Existing exhaust fan located low level at floor.
- Supply fan in vertical position.
- Typical at each new penetration fire damper placed above floor line. Provide rated enclosure encapsulated from mezzanine floor line to fire damper. Typical.

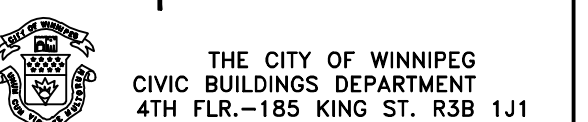


NO.	REVISION/DESCRIPTION	BY	DATE
R 1	FOR TENDER	BP/RP	23 AUG 2010
R 0	FOR REVIEW	BP/RP	27 JULY 2010

SEALS



DRAWN BY: NMLP CHECKED BY: BP/RP APPROVED: BP/RP  
DATE: 23 AUG 2010 USER APPROVAL



PROJECT  
**BID OPPORTUNITY 596-2010**  
**Upgrade Air Conditioning System**  
— Exercise Room  
909 CONCORDIA AVENUE  
Winnipeg, Mb.

SHEET TITLE  
**MAIN FLOOR AND MEZZANINE**  
**MECHANICAL PART PLANS &**  
**ELEVATIONS**  
NEW WORK

SCALE	PROJECT NO	SHEET NO
AS NOTED	596-2010	M2