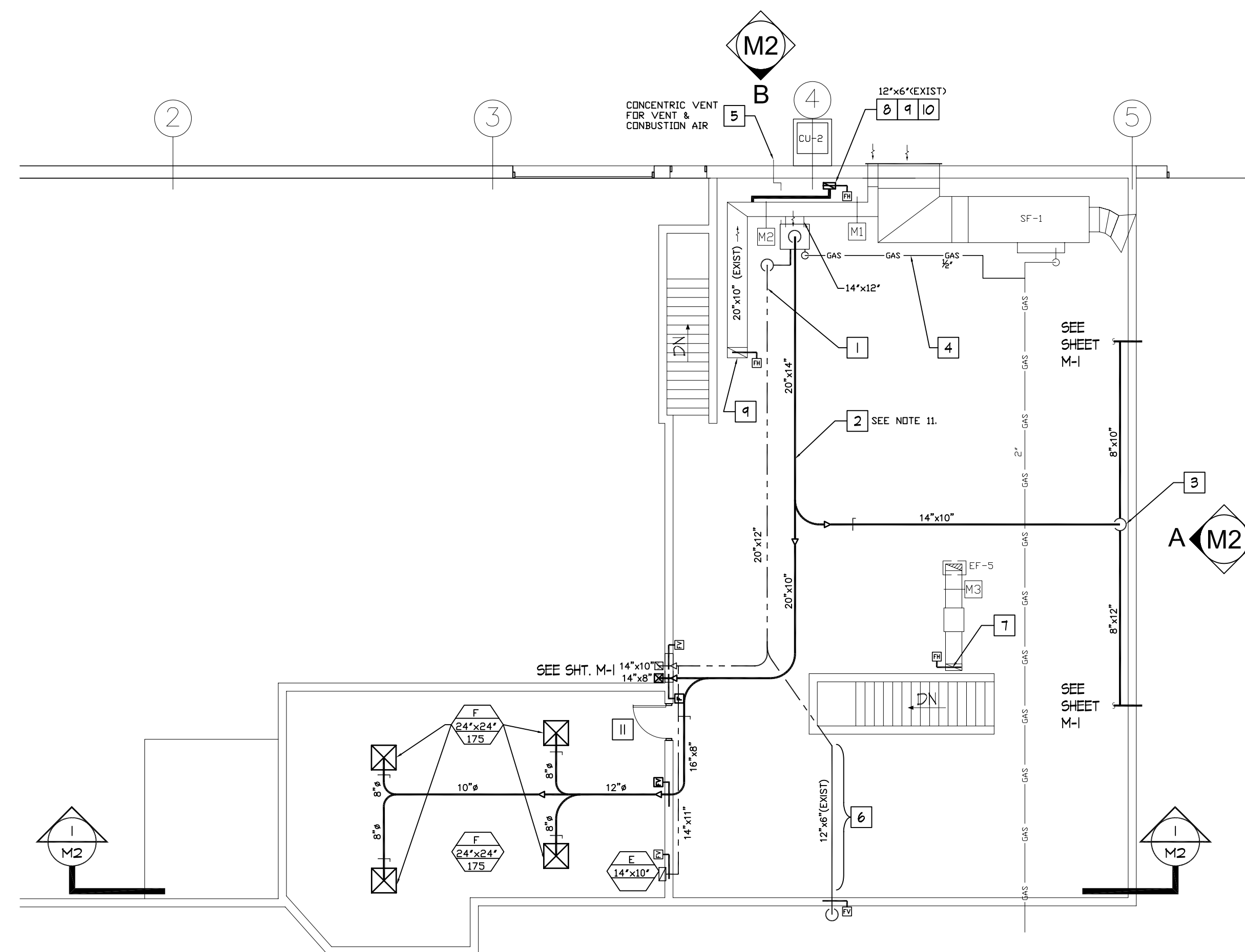
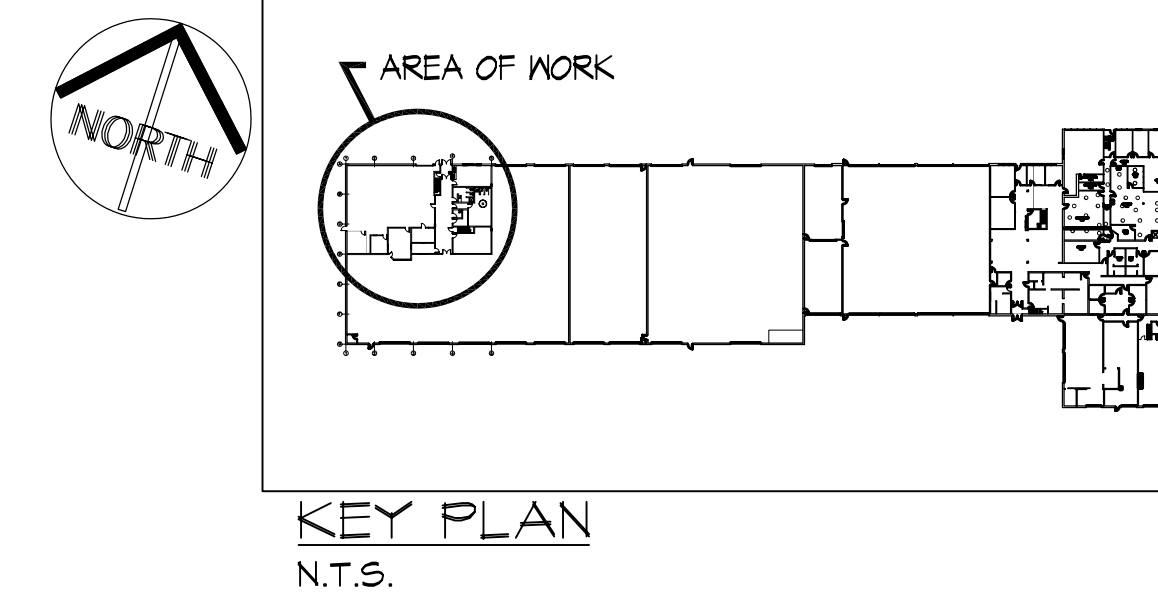


MEZZANINE FLOOR PLAN - DEMOLITION  
SCALE: 1/8"=1'-0"

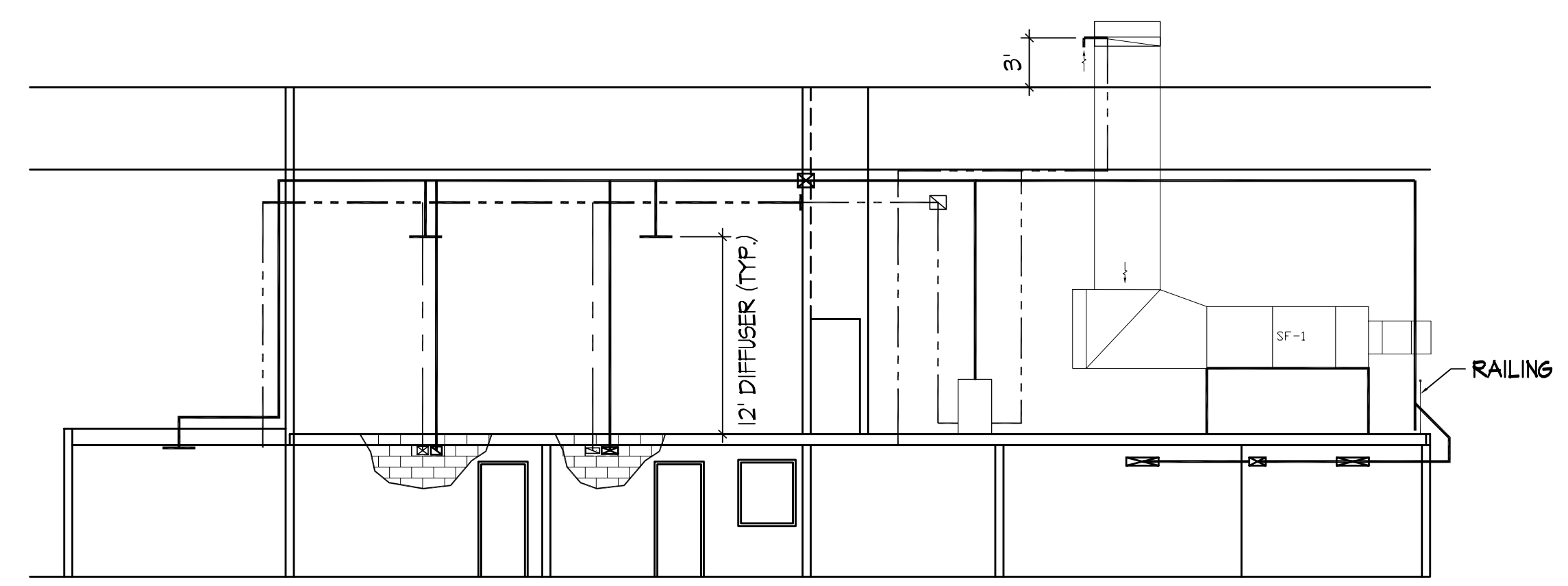
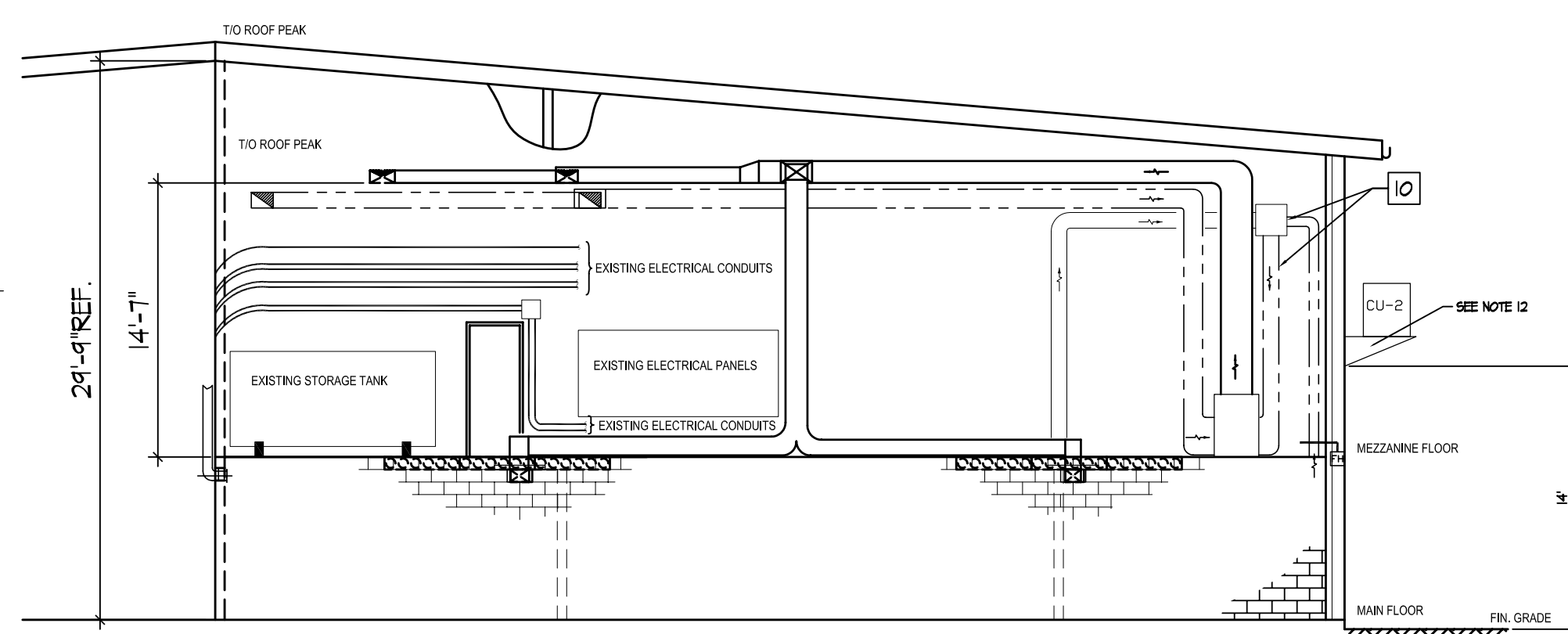
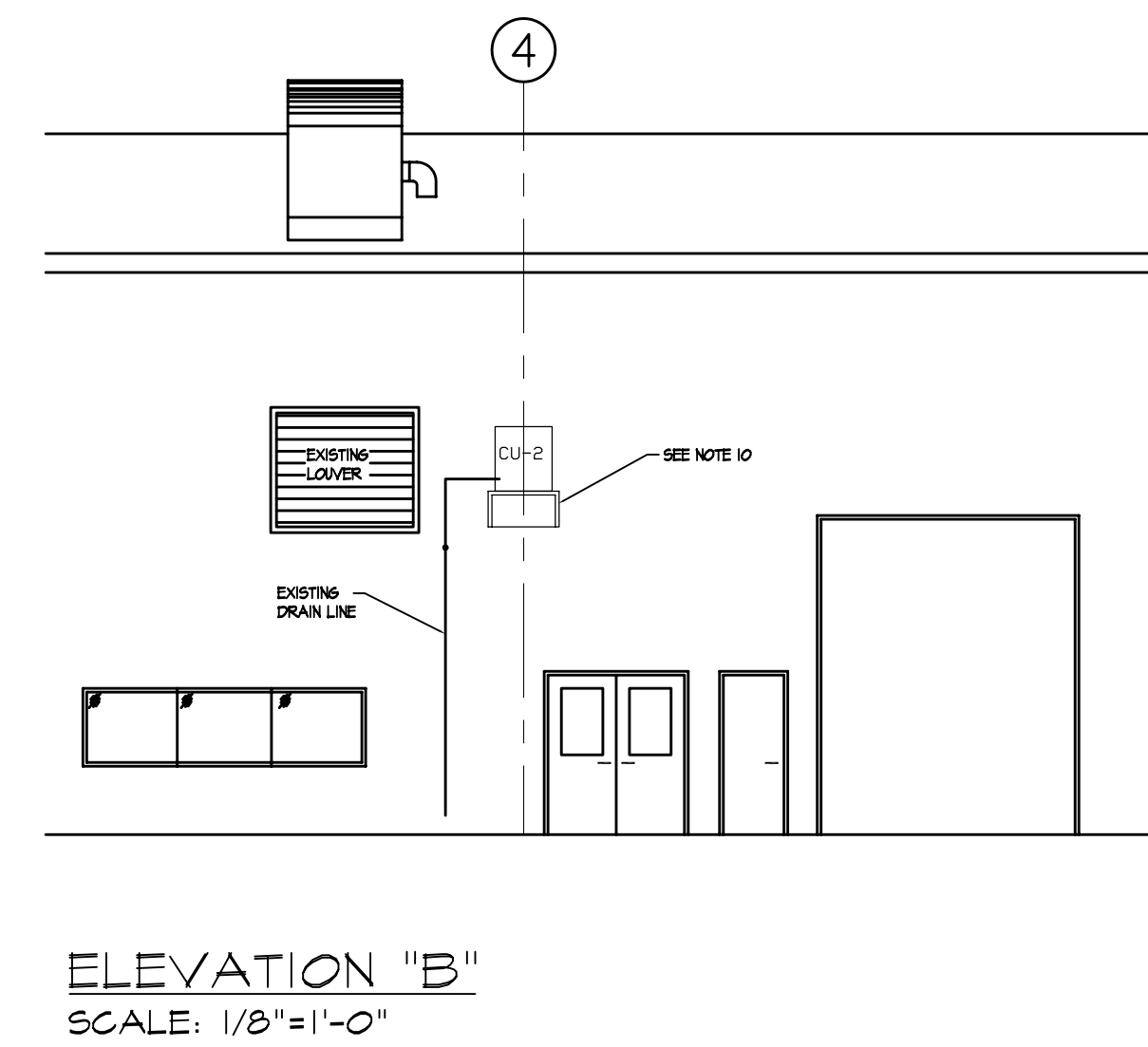


MEZZANINE FLOOR PLAN - RENOVATION  
SCALE: 1/8"=1'-0"

- MEZZANINE FLOOR DEMOLITION NOTES:**
- DISCONNECT EXISTING OUTSIDE AIR DUCT BETWEEN WALL LOUVER & O.A. DAMPER, M1, AND CONNECT NEW 10" DIA. OUTSIDE AIR DUCT INSIDE OF EXISTING SF-1 O.A. ROOF DUCT TO ROOF THEN THRU DUCT WALL PAST ROOF ELEVATION OF 3 FEET. CAP NEW O.A. DUCT WITH WEATHER CAP.
  - REMOVE SUPPLY AIR DUCT & SUPPORTS TO EXISTING SF-4 SUPPLY CONNECTION EXCEPT AS NOTED.
- MEZZANINE FLOOR RENOVATION NOTES:**
- DUCTS SHALL BE CONSTRUCTED TO MINIMIZE STATIC PRESSURE, IE. DUCT 45 DEGREE NYES, NYES.
- TURNS VANES REQUIRED ON 90 DEGREE MAIN DUCTS, SEE MECHANICAL SPECIFICATIONS.
- RETURN AIR DUCTS TO BE CONNECTED TO BOTH SIDES OF AHU-1, FILTER SECTIONS AS SHOWN. (SUPPLY & INSTALL 2 FILTER SECTIONS).
  - ELEVATION OF NEW DUCTWORK SHALL BE THE SAME AS EXISTING DUCTS. ALL DUCTS TO BE LEVELLED, SUPPORTED AND INSULATED AS PER MECHANICAL SPECIFICATION.
  - NEW SUPPLY DUCT FROM VERTICAL DROP TRANSITIONING TO NYE ALONG FLOOR SHALL RUN AGAINST THE EXISTING RAILING ON THE MEZZANINE SIDE, SEE ELEVATION "A".
  - NEW 1/2" NPS GAS LINE & GAS REGULATOR IF REQUIRED, CONNECTED TO EXISTING 2" GAS LINE AS SHOWN. ROUTING & INSTALLATION SHALL BE IN ACCORDANCE WITH LATEST BUILDING CODE & BY-LAWS.
  - (SUPPLY & INSTALL) CONCENTRIC VENT FOR COMBUSTION & VENT AIR FOR AHU-1. CARRIER PART No. KGAVT0601CVT.
  - DISCONNECT FROM MAIN HORIZONTAL ABOVE MEZZANINE FLOOR & RECONNECT TO NEW RETURN AIR NYE DUCT TO AHU-1.
  - ADD FIRE DAMPER TO EXISTING DUCT AT 12" FROM FLOOR LEVEL.
  - DISCONNECT FROM EXISTING SF-4 AND RECONNECT TO EXISTING RETURN AIR DUCT BETWEEN HALLWAY RETURN AIR & DAMPER, M2, AS SHOWN IN ELEVATION "A". ADD FIRE DAMPER TO EXISTING DUCT AT 12" FROM FLOOR LEVEL.
  - ADD FIRE DAMPER TO EXISTING DUCT AT 12" FROM FLOOR LEVEL. EXISTING RETURN AIR DUCT FROM FLOOR TO MOTORIZED OUTSIDE AIR DAMPER SHALL REMAIN.
  - EXISTING RETURN AIR DUCT WITH O.A. & R.A. DAMPER SECTION TO REMAIN.
  - (SUPPLY & INSTALL) INSTALL M2 SMOKE SEALS & GTSO DOOR SWEEPS ON DOOR.



- NOTES :
- THESE DRAWINGS SHALL NOT BE SCALED.
  - THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.
  - THE CONTRACTOR IS TO REPORT ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
  - THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.
  - ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH U.L.C. APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.
  - ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.
  - THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.
  - WHERE NEW FLOORING AND BASE IS TO BE INSTALL IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.
  - WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.
  - CONDENSING UNIT (CU-2) SUPPORT BASE (SUPPLY) SHALL BE WELDED TO EXISTING BUILDING COLUMN, GRID 4, AT MINIMUM ELEVATION SHOWN. CONNECT CU-2 CONDENSATE LINE TO EXISTING DRAIN LINE.
  - SUPPLY DUCTS ABOVE MEZZANINE LEVEL SHALL BE INSULATED WITH 1" THICK FIBERGLASS ALUMINIZED OUTER JACKET INSULATION. OUTSIDE AIR DUCTS SHALL ALSO BE INSULATED WITH SAME INSULATION FOR A MINIMUM RUN LENGTH OF 8 FEET FROM THE OUTSIDE ENVELOPE.



NO.	REVISION/DESCRIPTION	BY	DATE

SEALS

ORIGINAL STAMPED BY:  
DOUG PALEY, P.ENG  
20040615

DRAWN BY	DTA	CHECKED BY	APPROVED
DATE	2004.05.20	USER APPROVAL	

CITY OF WINNIPEG  
PLANNING, PROPERTY &  
DEVELOPMENT DEPARTMENT  
CIVIC ACCOMMODATIONS DIVISION  
300 - 65 GARRY ST. R3C 4K4

PROJECT  
PUBLIC WORKS SOUTH YARD  
RENOVATIONS TO FLEET MGMT.  
SHOPS OFFICE AREA  
1534 WAVERLEY STREET

SHEET TITLE  
MEZZANINE FLOOR PLAN  
MECHANICAL  
DEMOLITION & RENOVATION

SCALE	PROJECT NO.	SHEET NO.
AS SHOWN	2003-220	M2