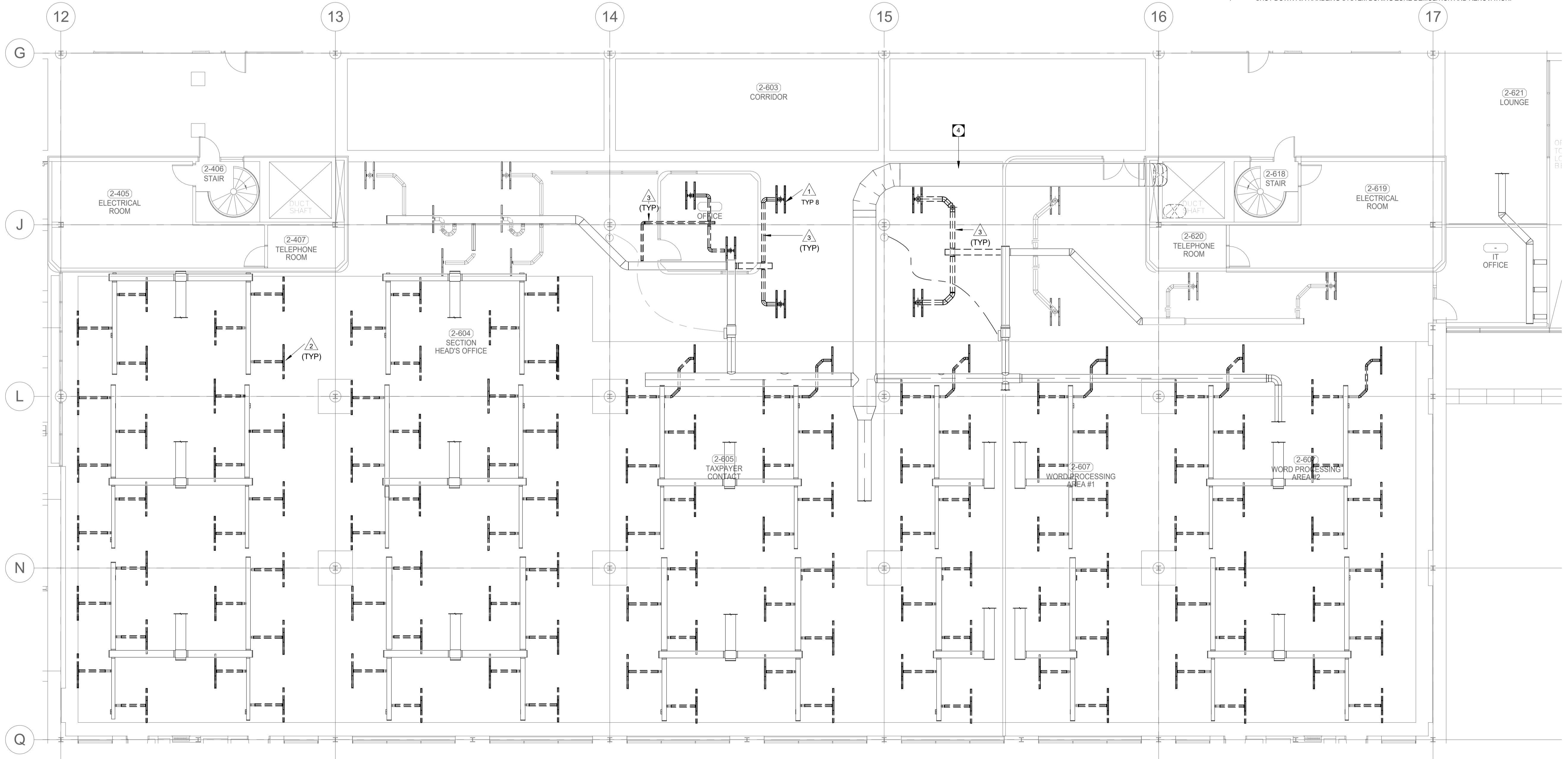


1 SECOND FLOOR TRAINING ROOM 204 - DEMOLITION - HVAC  
M1.4 SCALE: 1 : 100



2 SECOND FLOOR TRAINING ROOM 207 AND OFFICE - DEMOLITION -HVAC  
M1.4 SCALE: 1 : 100

HVAC GENERAL NOTES

- A. EXISTING DUCT SEALANT MASTIC CONTAINS ASBESTOS, REFER TO HAZARDOUS MATERIALS REPORT (PINCHIN ENVIRONMENTAL 2016-12-24) AND ABATEMENT SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
- B. FIRESTOP ALL MECHANICAL PENETRATIONS THROUGH FIRE-RATED FLOOR AND WALL ASSEMBLIES. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND TYPE OF RATINGS.
- C. DUCT TRANSITIONS MAY NOT BE SHOWN IN DETAIL ON PLAN, REFER TO DETAILS SHEETS AND SMACNA - HVAC DUCT CONSTRUCTION STANDARDS FOR REQUIRED DUCT TRANSITIONS AND FITTINGS. ALL DUCT TAPS TO BRANCH DUCTS SHALL HAVE 45 DEGREE ENTRY FITTINGS.
- D. INSTALL FIRE DAMPERS ON ALL DUCTS PENETRATING FIRE RATED WALL ASSEMBLIES, COMPLETE WITH ACCESS DOORS. SEE STANDARD DETAIL, REFER TO ARCHITECTURAL DRAWING FOR WALL TYPES.
- E. COORDINATE FINAL THERMOSTAT INSTALLATION HEIGHT AND DISTANCE FROM DOOR WITH ARCHITECT. THERMOSTAT TO BE LOCATED BETWEEN 1400 TO 1500 MM ABOVE FLOOR.
- F. REFER TO SPECIFICATION FOR ADDITIONAL STANDARD INSTALLATION DETAILS.
- G. DUCT INSULATION MATERIALS SHALL MEET SMOKE AND FLAME SPREAD REQUIREMENTS FOR PLENUM INSULATION.
- H. DUCT INSULATION SHALL FOLLOW THE SCHEDULES IN THE SPECIFICATION AS A MINIMUM REQUIREMENT. THESE REQUIREMENTS SHALL APPLY REGARDLESS OF WHETHER OR NOT DUCT INSULATION IS SHOWN ON THE DRAWINGS.
- I. WHERE DUCT INSULATION IS SHOWN ON THE DRAWINGS (EITHER WITH THE HATCHING CONVENTION OR BY MEANS OF A KEY NOTE) AND EXCEEDS THE REQUIREMENTS OF THE SCHEDULES IN THE SPECIFICATION, THE ADDITIONAL INSULATION REQUIREMENTS SHALL BE MET.
- J. PROVIDE MANUAL BALANCE DAMPERS FOR EACH EXHAUST, SUPPLY, AND RETURN GRILLE WHERE AN AIR VOLUME HAS BEEN PROVIDED.
- K. INSTALL BALANCE DAMPERS AS FAR AWAY FROM GRILLES OR DIFFUSERS SERVED AS PRACTICALLY POSSIBLE.
- L. INSTALL ALL BALANCE DAMPERS IN AN EASILY ACCESSIBLE LOCATION.
- M. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF GRILLES AND DIFFUSERS.
- N. ALL EXHAUST FAN UNITS SHALL BE HUNG FROM STRUCTURE COMPLETE WITH SPRINGS VIBRATION ISOLATION AND ISOLATING FLEX DUCT CONNECTIONS.
- O. THE INTERRUPTION OF ANY SERVICES SHALL BE COORDINATED WITH THE BUILDING END USER AND SHALL BE KEPT TO A MINIMUM.

KEY NOTES

- 1. DEMOLISH EXISTING DIFFUSERS AND TURN OVER TO BUILDING REPRESENTATIVE.
- 2. DEMOLISH EXISTING SLOT DIFFUSERS AND DUCT TO BRANCH CONNECTION. CAP AND SEAL TERMINATED DUCT.
- 3. REFER TO ASBESTOS ABATEMENT SPECIFICATIONS FOR DUCT SEALANT REMOVAL. WHERE AIR HANDLING SYSTEM IS OPERATIONAL DURING ABATEMENT PROCESS, CLOSE VAV TO ISOLATE AIR FROM AFFECTED DUCTWORK. CUT DUCTWORK AT LOCATION AWAY FROM ASBESTOS CONTAINING SEALANT AND CAP RETAINED DUCT BEFORE STARTING ABATEMENT PROCESS.
- 4. SHUT DOWN AIR HANDLING SYSTEM DURING ZONE DEMOLITION AND RENOVATION.



O	ISSUED FOR CONSTRUCTION	2017-04-24
Revision	Description	Date
Client		client

PUBLIC WORK AND  
GOVERNMENT SERVICES  
CANADA

Project title  
CRA WINNIPEG TAX-CENTRE FIT-UP

WINNIPEG, MANITOBA

Designed by  
DR

Conçu par

Drawn by  
EB

Dessiné par

Approved by  
DS

Approuvé par

PWSSC Project Manager  
Jason Frozza

Administrateur de Projets TPSGC

Drawing Title  
SECOND FLOOR PARTIAL PLAN -  
HVAC - DEMOLITION

Titre du dessin

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
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