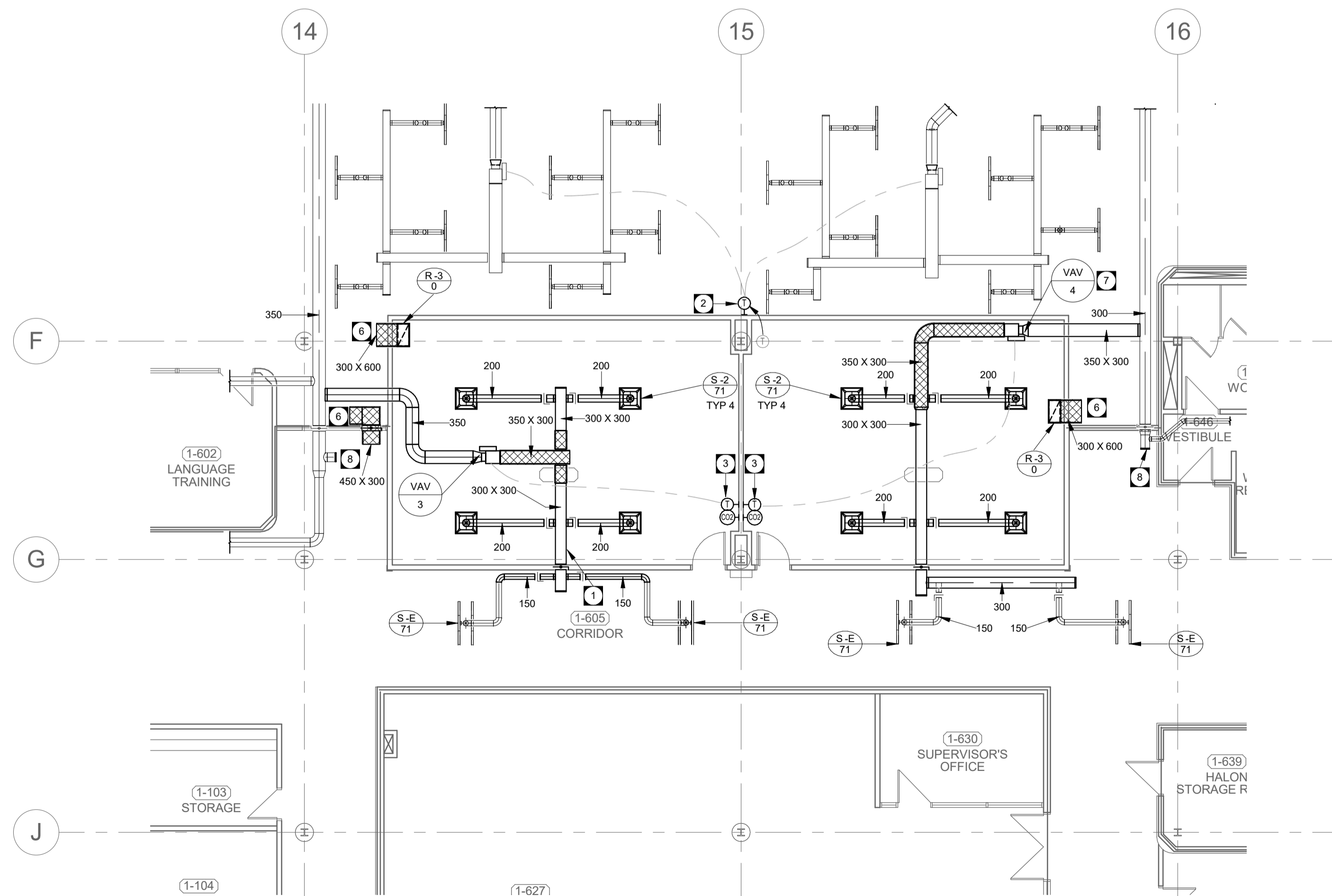


1 MAIN FLOOR TRAINING ROOM 324 - HVAC
M1.5 SCALE: 1 : 100



2 MAIN FLOOR TRAINING ROOM 207 AND OFFICE - HVAC
M1.5 SCALE: 1 : 100

HVAC GENERAL NOTES

- EXISTING DUCT SEALANT MASTIC CONTAINS ASBESTOS, REFER TO HAZARDOUS MATERIALS REPORT (PINCHIN ENVIRONMENTAL 2016-12-24) AND ABATEMENT SPECIFICATIONS FOR ABATEMENT REQUIREMENTS.
- FIRESTOP ALL MECHANICAL PENETRATIONS THROUGH FIRE-RATED FLOOR AND WALL ASSEMBLIES. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND TYPE OF RATINGS.
- 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.
- 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.
- COORDINATE FINAL THERMOSTAT INSTALLATION HEIGHT AND DISTANCE FROM DOOR WITH ARCHITECT. THERMOSTAT TO BE LOCATED BETWEEN 1400 TO 1500 MM ABOVE FLOOR.
- REFER TO SPECIFICATION FOR ADDITIONAL STANDARD INSTALLATION DETAILS.
- DUCT INSULATION MATERIALS SHALL MEET SMOKE AND FLAME SPREAD REQUIREMENTS FOR PLENUM INSULATION.
- 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.
- 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.
- PROVIDE MANUAL BALANCE DAMPERS FOR EACH EXHAUST, SUPPLY, AND RETURN GRILLE WHERE AN AIR VOLUME HAS BEEN PROVIDED.
- INSTALL BALANCE DAMPERS AS FAR AWAY FROM GRILLES OR DIFFUSERS SERVED AS PRACTICALLY POSSIBLE.
- INSTALL ALL BALANCE DAMPERS IN AN EASILY ACCESSIBLE LOCATION.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF GRILLES AND DIFFUSERS.
- ALL EXHAUST FAN UNITS SHALL BE HUNG FROM STRUCTURE COMPLETE WITH SPRING VIBRATION ISOLATION AND ISOLATING FLEX DUCT CONNECTIONS.
- THE INTERRUPTION OF ANY SERVICES SHALL BE COORDINATED WITH THE BUILDING END USER AND SHALL BE KEPT TO A MINIMUM.

KEY NOTES

- CONNECT NEW TO EXISTING.
- RELOCATED THERMOSTAT.
- NEW THERMOSTAT WITH CO2 MONITORING AND CONTROL.
- NEW DIFFUSERS WITH NEW VERTICAL DUCT, ELBOW AND DUCTWORK TO CONNECT TO EXISTING DUCTWORK.
- EXISTING ACOUSTIC ELBOW WITH FIRE DAMPER.
- NEW ACOUSTIC TRANSFER.
- EXISTING VAV - RELOCATED.
- CAP EXISTING BRANCHES WHERE DUCT IS DEMOLISHED AND TAKEOFF IS ABANDONED.



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 Frezza

Administrateur de Projets TPSSC

Drawing Title

Titre du dessin

**MAIN FLOOR PARTIAL PLAN -
HVAC - RENOVATION**

Project no./No. du
projet

R.078618

Drawing no./No. du dessin

M1.5

Revision no.

OF