



MacPHERSON
Engineering Inc.



ASSOCIATION OF PROFESSIONAL ENGINEERS
OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
MacPHERSON ENGINEERING INC.
NUMBER 805

PERMISSION TO CONSULT HELD BY:
DISCIPLINE SASK. REG. NO. SIGNATURE
MECH 5306

1	TENDER SET	13/07/05
revisions	description	date

**R.050172.002
FOR
PWGSC**

project title

OFFICE RENOVATIONS

REGINA, SASKATCHEWAN

approved by

designed by
J.L.

drawn by
B.G.

PWGSC Project Manager
SK

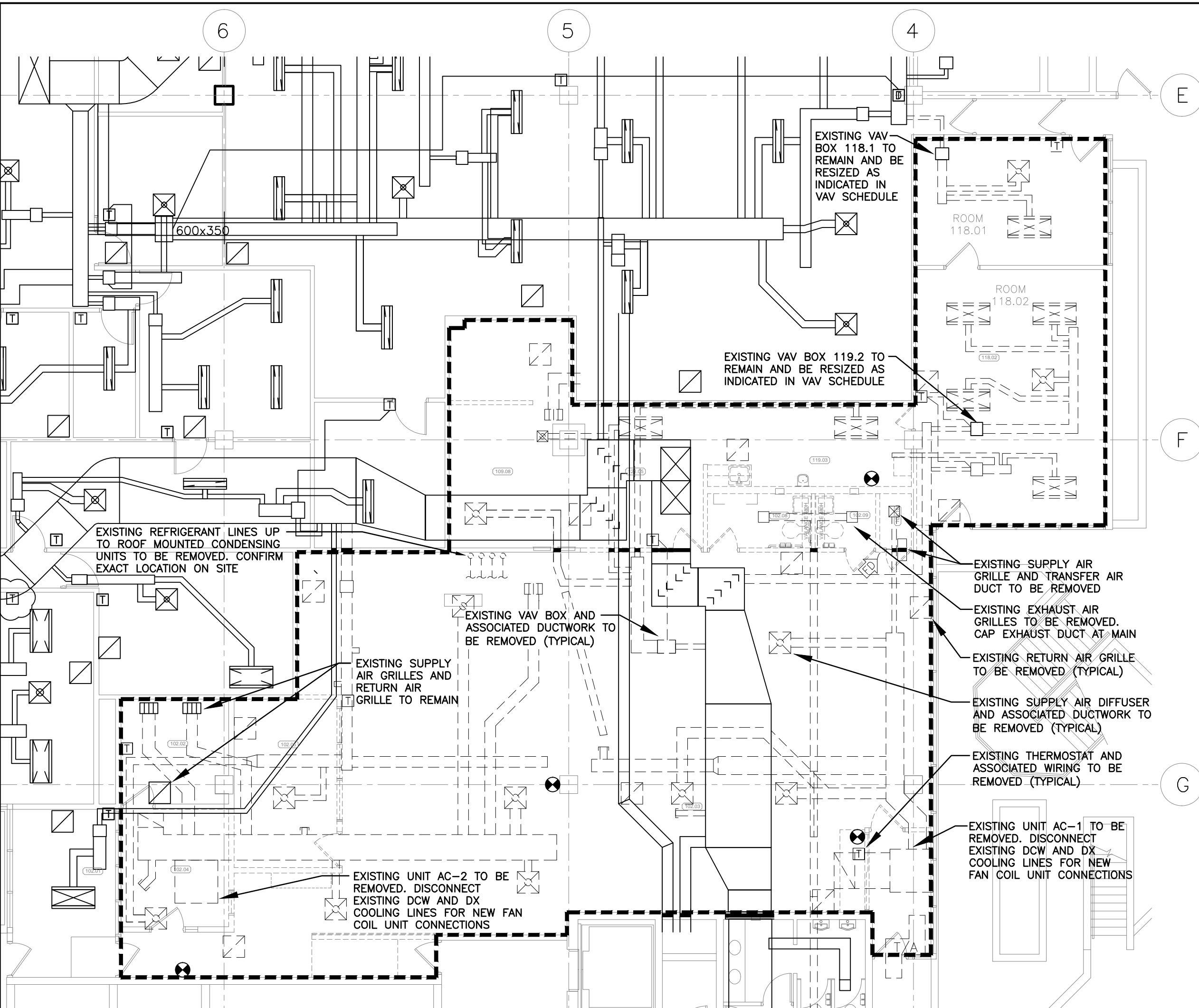
PWGSC, Architectural and Engineering Resources Manager
KD

Client
KL

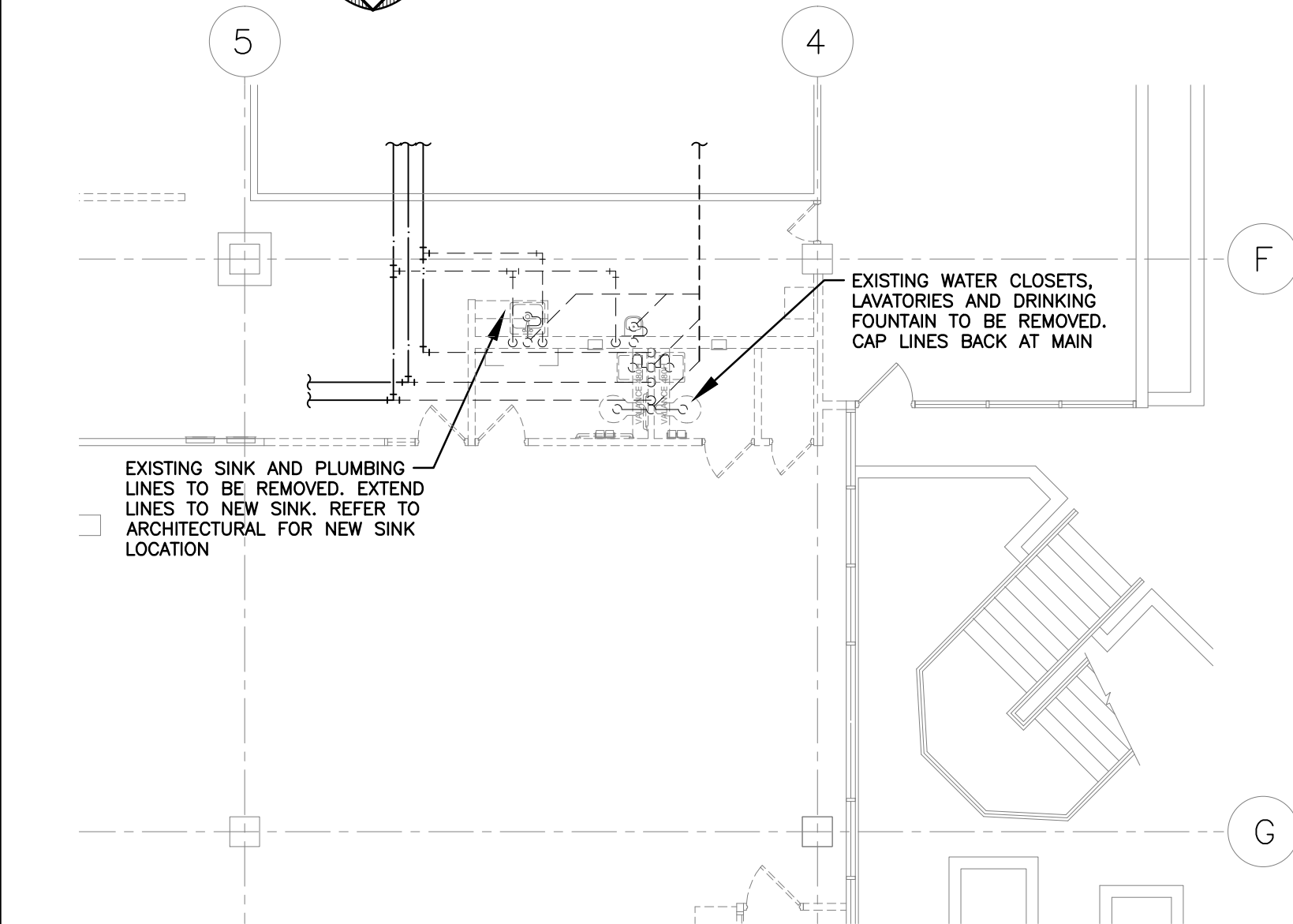
drawing title
**PARTIAL FIRST FLOOR
MECHANICAL PLAN**

project no. sheet revision no.

R.050172.002 M1.1

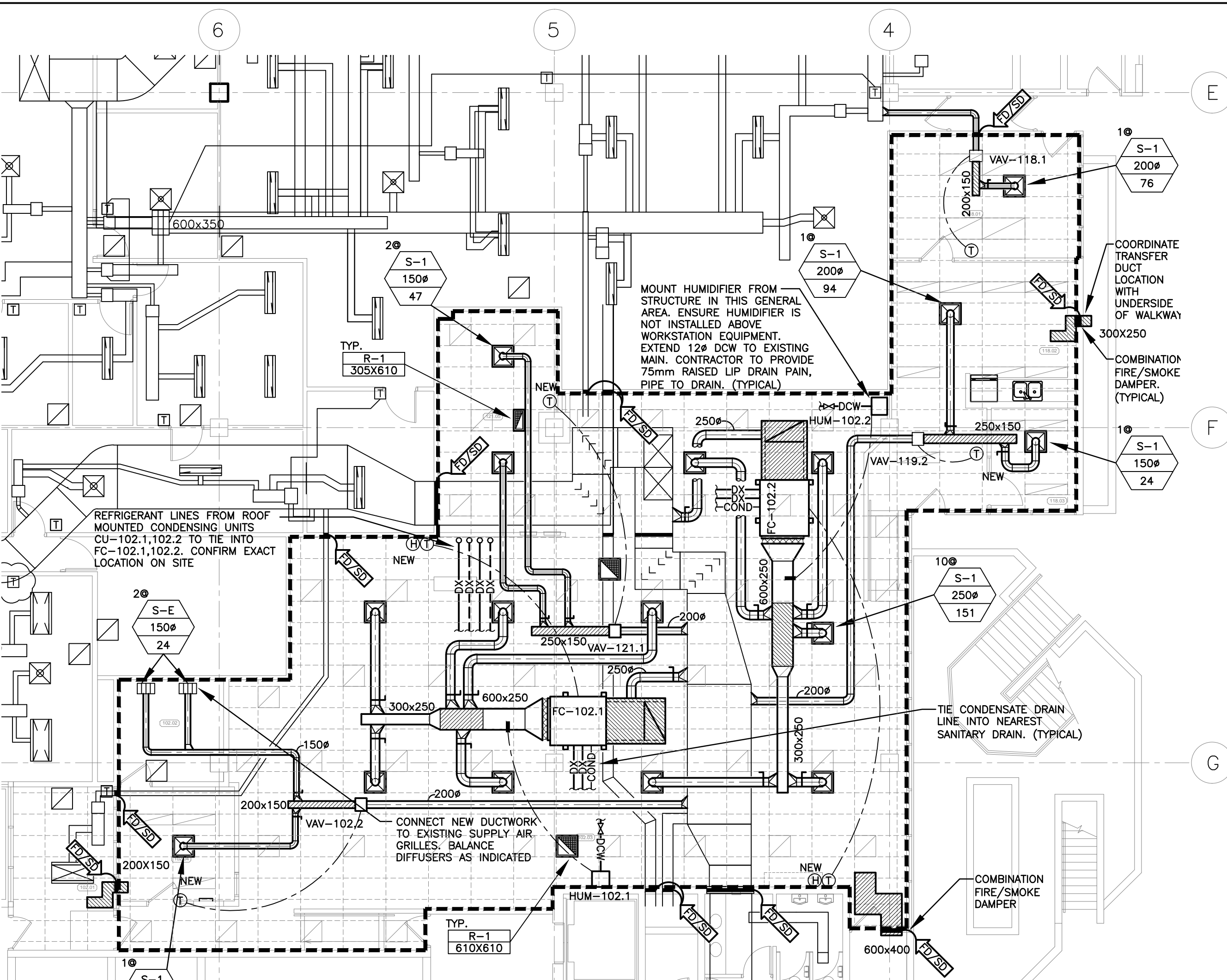


1 PARTIAL FIRST FLOOR VENTILATION PLAN - DEMOLITION
M1.1 1:100



3 PARTIAL FIRST FLOOR PLUMBING PLAN - DEMOLITION
M1.1 1:100

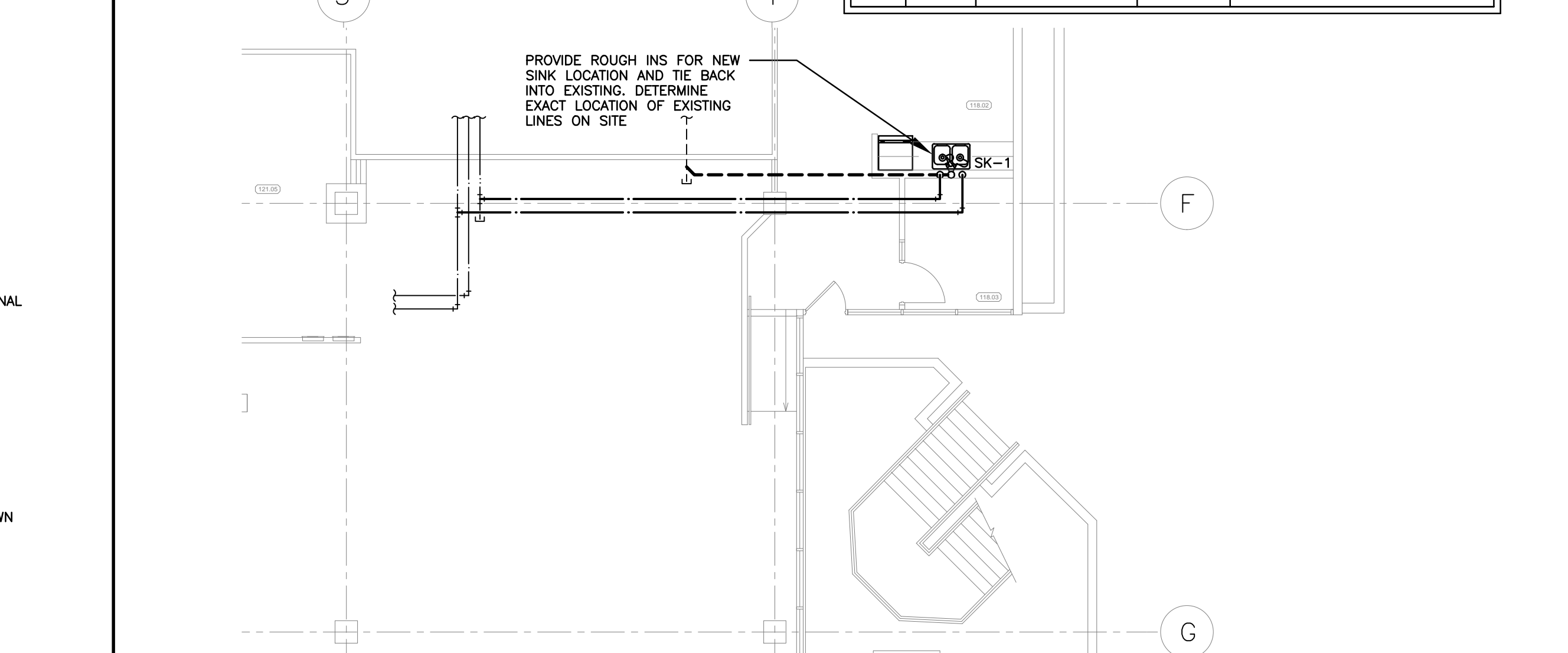
- GENERAL DEMOLITION NOTES:**
- DEMOLITION DRAWINGS INDICATE GENERAL ARRANGEMENT OF EXISTING MECHANICAL SYSTEMS. CONTRACTOR TO VERIFY ON SITE THE EXACT ARRANGEMENT AND EXTENT OF EXISTING MECHANICAL SYSTEMS. REFER TO NOTES FOR PIPING, DUCTWORK, EQUIPMENT, INSULATION, CONTROLS, AND ACCESSORIES TO BE REMOVED.
 - DRAIN EXISTING SYSTEMS TO BE REMOVED AND DISPOSE OF FLUIDS IN ACCORDANCE WITH GOVERNING REGULATIONS.
 - PIPING, DUCTWORK, & EQUIPMENT THAT IS BEING REMOVED TO BE DISMANTLED INTO SECTIONS SMALL ENOUGH TO ALLOW EXTRACTION AND REMOVAL FROM THE BUILDING.
 - ALL MECHANICAL EQUIPMENT TO BE REMOVED IS INDICATED BY A LIGHT, DASHED LINE.
 - ALL MECHANICAL EQUIPMENT TO REMAIN IS INDICATED BY A LIGHT, SOLID LINE.
 - AREA OF WORK TO BE PERFORMED INDICATED BY A DARK, DASHED LINE.
 - ALL NEW MECHANICAL EQUIPMENT IS INDICATED BY A DARK, SOLID LINE. OWNER SHALL HAVE FIRST OPTION OF ANY SALVAGE. TURN OVER EQUIPMENT TO A LOCATION PER DIRECTION. ALL OTHER RUBBISH SHALL BE REMOVED.
 - TURN OVER ALL EXISTING VAV BOXES TO OWNER.



2 PARTIAL FIRST FLOOR VENTILATION PLAN
M1.1 1:100

GENERAL NOTES:

- CONTRACTOR TO RUN DRAIN LINES TO NEAREST EXISTING FLOOR DRAIN.
- CONTRACTOR TO BALANCE SUPPLY GRILLES ON EACH FLOOR AS NOTED ON DRAWINGS.
- ADJUST PIPING CONFIGURATION & ROUTING ON SITE AND PROVIDE TRANSITIONS & OFFSETS AS REQUIRED TO SUIT STRUCTURE, DUCTWORK, CEILINGS & FINISHES AND WORK OF OTHER TRADES.
- CONTRACTOR TO REPLACE ALL DAMAGED EXISTING INSULATION INVOLVED IN PROJECT.
- ALL DUCTWORK TO BE SUPPORTED OFF OF THE STRUCTURE.
- HATCHED DUCTWORK TO BE ACOUSTIC INTERNALLY INSULATED.
- REPLACE ISOLATION VALVES ON ALL RADS.
- CONTROLS CONTRACTOR TO COORDINATE EXACT THERMOSTAT LOCATIONS WITH FURNITURE.
- CONTRACTOR TO CONFIRM CEILING GRID DIMENSIONS WITH ARCHITECTURAL PRIOR TO ORDERING GRILLES.
- PROVIDE FIRE/SMOKE DAMPERS AT ALL MECHANICAL PENETRATIONS AT DASHED LINE.



4 PARTIAL FIRST FLOOR PLUMBING PLAN
M1.1 1:100

