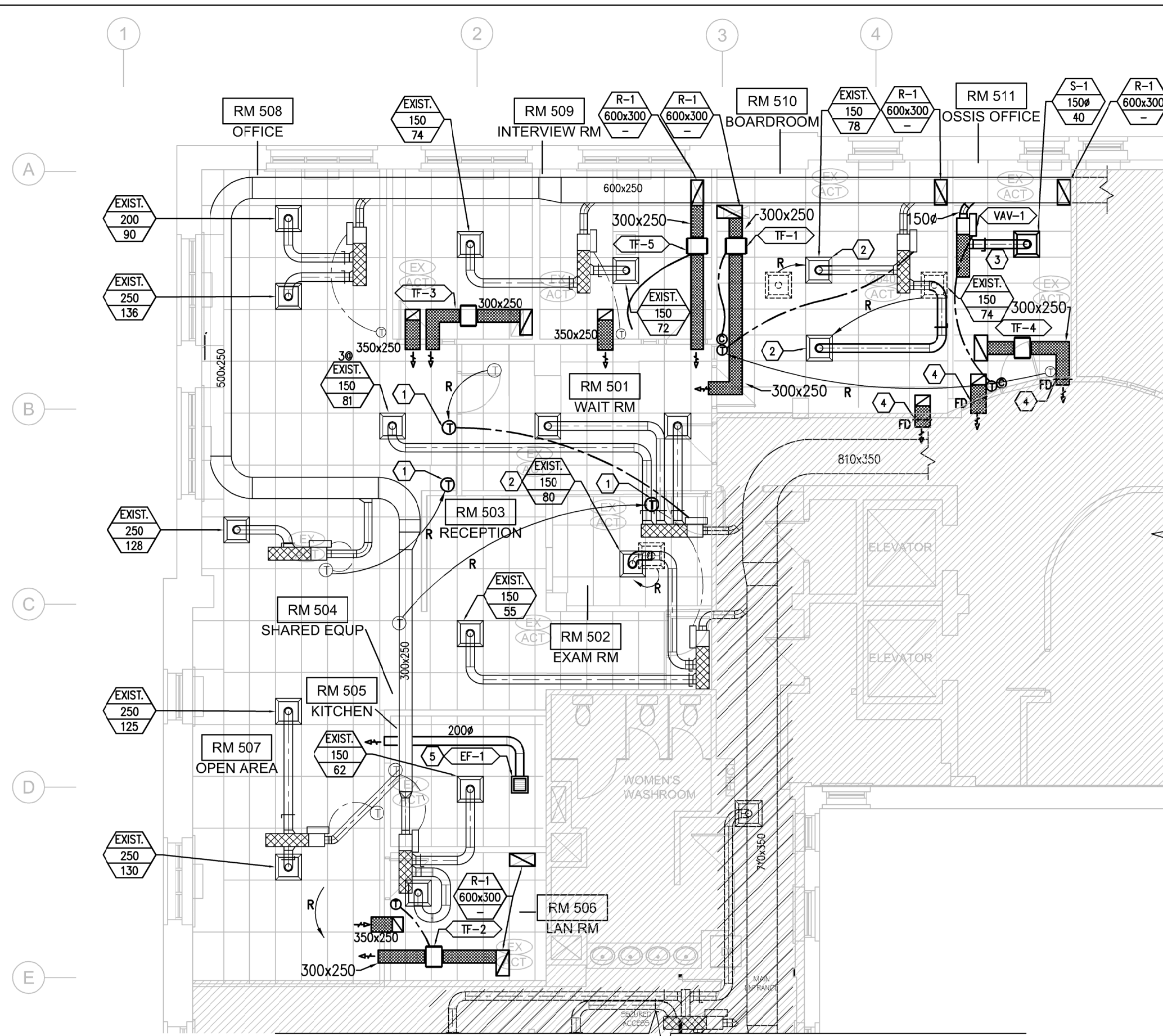


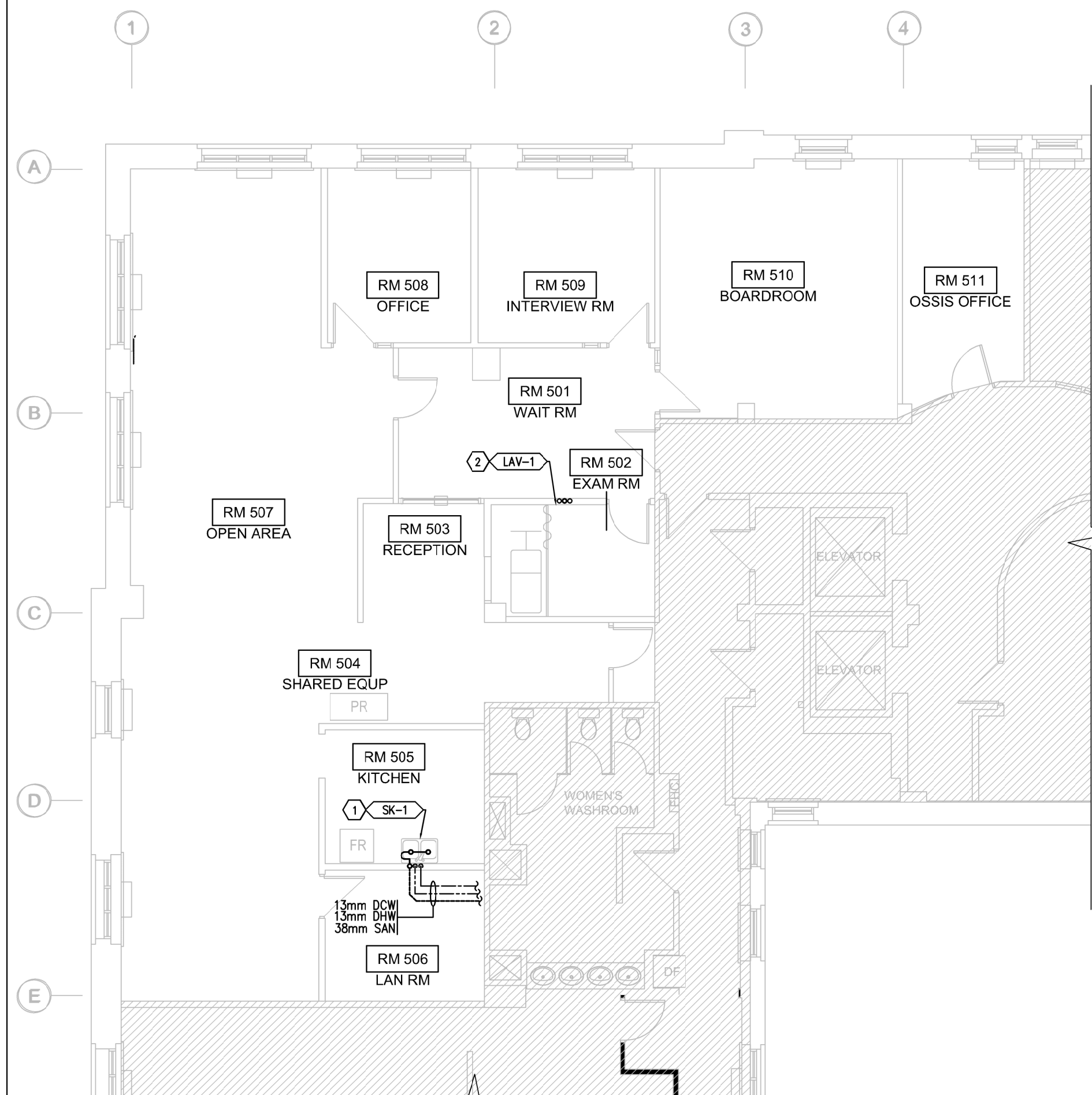
1 DEMOLITION PLAN - MECHANICAL  
M1 1:50

- # DEMOLITION KEYNOTES -MECHANICAL:
1. RELOCATE THERMOSTAT. REFER TO DRAWING 2/M1 FOR NEW LOCATION.
  2. DIFFUSER TO BE RELOCATED. REFER TO DRAWING 2/M1 FOR NEW LOCATION.
  3. DEMOLISH DUCTWORK BACK TO VAV SUPPLY PLENUM. RETAIN DIFFUSER FOR REUSE.
  4. EXISTING SINK TO BE REMOVED. CAP OFF EXISTING WATER AND SANITARY LINES AND PREPARE FOR NEW CONNECTION TO NEW PLUMBING FIXTURE.



2 NEW CONSTRUCTION PLAN - HVAC  
M1 1:50

- # NEW CONSTRUCTION KEYNOTE-HVAC:
1. NEW THERMOSTAT LOCATION. EXTEND/REPLACE WIRING AS REQUIRED.
  2. NEW DIFFUSER LOCATION. MODIFY DUCTWORK AS REQUIRED.
  3. NEW VAV BOX AND THERMOSTAT. REVISE EXISTING PERIMETER HEATER CONTROL SUCH THAT HEATER IS CONTROLLED BY NEW THERMOSTAT AND IN CONJUNCTION WITH NW VAV. SEQUENCE OF OPERATION TO MATCH EXISTING VAV BOXES, TO BE CONTROLLED BY EXISTING BUILDING AUTOMATION SYSTEM.
  4. NEW AIR TRANSFER TO MAINTAIN BUILDING RETURN AIR PATH. ADJUST LOCATION TO SUIT EXISTING CONDITIONS AS REQUIRED.
  5. INTERLOCK EXHAUST FAN WITH LIGHTING.



3 NEW CONSTRUCTION PLAN - PLUMBING  
M1 1:50

- # NEW CONSTRUCTION KEYNOTE-PLUMBING:
1. NEW KITCHENETTE SINK. CONNECT TO EXISTING ADJACENT PLUMBING (DRAINAGE, WASTE, VENT, DCW, DHW, DHWR).
  2. NEW EXAM ROOM SINK. CONNECT TO EXISTING ADJACENT PLUMBING (DRAINAGE, WASTE, VENT, DCW, DHW, DHWR).

#### GENERAL NOTES:

1. DO NOT SCALE THIS DRAWING, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE DEPARTMENTAL REPRESENTATIVE.
2. THE DRAWING ONLY SHOWS A GENERAL SCHEMATIC OF NEW SYSTEMS. ROUTING OF DUCTWORK AND UNITS LOCATIONS SHALL SUIT SITE CONDITIONS AND MAY HAVE TO BE CHANGED TO AVOID CONFLICTS WITH STRUCTURE, DUCTS AND PIPES. WHEN CONFLICT CANNOT BE AVOIDED, THE DUCTWORK SHALL BE MODIFIED AS REQUIRED.
3. CONTRACTOR SHALL INCLUDE FOR AND PROVIDE ALL COORDINATION BETWEEN TRADES AND CONSULTANT ON AND OFF SITE AS REQUIRED FOR INSTALLATION OF MECHANICAL AND ELECTRICAL SYSTEMS, WHERE MINOR REROUTING OF DUCTWORK OR SERVICES IS REQUIRED DUE TO ONSITE CONDITIONS, IT SHALL BE PERFORMED AT NO ADDITIONAL COST.
4. COORDINATE ALL GRILLE AND DIFFUSER LOCATIONS WITH LIGHTING LAYOUT.
5. INSTALL FIRE DAMPERS IN ALL DUCTWORKS WHERE THEY PASS THROUGH FIRE RATED WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF RATED WALLS AND THEIR RATING IN HOURS.
6. FIRE STOP ALL PIPE PENETRATIONS WHERE THEY PASS THROUGH FIRE RATED WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF RATED WALLS AND THEIR RATING IN HOURS.
7. CONFORM TO SPECIFICATIONS AND MANUFACTURER GUIDES FOR MATERIALS AND UNITS' INSTALLATION DETAILS.
8. PROVIDE TESTING AND BALANCING, CONFIRM ALL NEW FLOWS AS INDICATED AND CONFIRM ALL EXISTING AIR FLOWS IN AREA OF RENOVATION ON ALL OUTLETS AND ALL VAV BOXES.
9. MAINTAIN ALL BUILDING RETURN AIR PATHS. ADD LINED AIR TRANSFER DUCTS AS REQUIRED.
10. MODIFY EMCS AS REQUIRED.
11. INSTALL ALL NEW CONTROLS AND ACCESSIBLE BARRIER FREE HEIGHT. ALLOW FOR REMOVAL AND REINSTALLATION OF EXISTING AND ACCESSIBLE HEIGHT FOR BARRIER FREE REQUIREMENTS.

#### SYMBOL LEGEND

— DCW —	DOMESTIC COLD WATER
— DHW —	DOMESTIC HOT WATER
— SAN —	SANITARY
←	RELOCATE
FD	FIRE DAMPER
FSF	FIRESTOP FLAP
— L —	BALANCING DAMPER
↺	AIRFLOW
⊙	SPEED CONTROLLER
⊙	THERMOSTAT
⊙	SUPPLY AIR DIFFUSER
□	RETURN AIR GRILLE
2@	QUANTITY
A	TAG
200ø	NECK SIZE
20L/s	FLOW RATE



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AREA OF WORK

DO NOT SCALE DRAWINGS		
5		
4		
3	ISSUED FOR CONSTRUCTION	NOV 04-16
2	99% CONSTRUCTION DRAWING SUBMISSION	OCT 05-16
1	66% CONSTRUCTION DRAWING SUBMISSION	AUG 16-16
0	DESIGN DEVELOPMENT SUBMISSION	JULY 14-16
Revision/	Description/Description	Date/Date
Revision		
Client/client		
Public Works and Government Services Canada (PWGSC)		
Project title/Titre du projet		
101 22nd Street East Saskatoon, Saskatchewan		
VETERANS AFFAIRS CANADA FIT-UP (VAC) - PHASE 2		
Approved by/Approve par DH		
Designed by/Concept par DHRR		
Drawn by/Dessine par IS		
PWGSC Project Manager/Administrateur de Projets TPSCG April Reid		
PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'ingénierie, TPSCG		
Client/client VAC		
Drawing title/Titre du dessin		
Demolition and New Construction Plans - HVAC & Plumbing, Notes and Symbol Legend		
Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.080397.010	M1 OF 3	3