



COPYRIGHT

This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by Arcadis is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and Arcadis shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to Arcadis for general conformance before proceeding with fabrication.

Arcadis Professional Services (Canada) Inc.

ISSUES

No.	DESCRIPTION	DATE
A	ISSUED FOR 50% SUBMISSION	2024-11-19
B	ISSUED FOR 75% SUBMISSION	2024-12-13
C	ISSUED FOR 95% SUBMISSION	2025-2-3
D	ISSUED FOR 100%/PERMIT	2025-2-10
E	ADDENDUM #2	2025-03-07

CONSULTANTS

SEAL



175 Galaxy Blvd,
Toronto, ON M9W 0C9, Canada
tel 416 679 1930
www.arcadis.com

PROJECT

95 The Esplanade

95 The Esplanade
Toronto, ON
M5E 1Y8

PROJECT NO:
148121

DRAWN BY:
C. SU

CHECKED BY:
E. HADDAD

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
R. BARROSO

SHEET TITLE

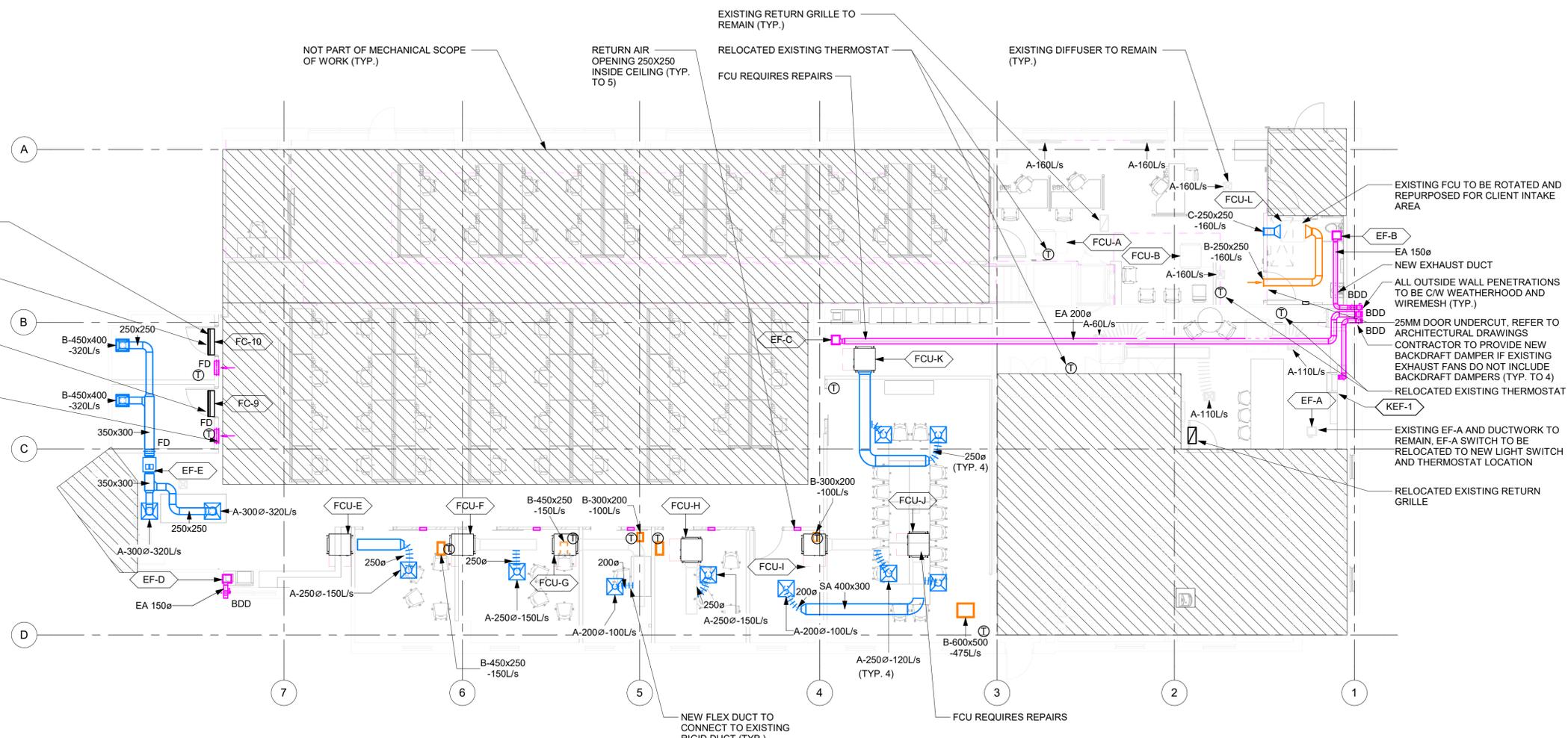
HVAC GROUND FLOOR PLAN

SHEET NUMBER

M4101

ISSUE

E



1 HVAC GROUND FLOOR
M4101 Scale: 1 : 100

NOTES:

- EXISTING MECHANICAL EQUIPMENT AND DUCT LAYOUTS SHOWN ARE FOR DRAWING REFERENCE ONLY. CONTRACTOR TO VERIFY ACTUAL LAYOUTS ON SITE PRIOR TO PROCEEDING WITH THE WORK. NOTIFY ENGINEER FOR GUIDANCE FOR DISCREPANCIES FOUND WITH ACTUAL RETROFIT WORK REQUIRED FOR GUIDANCE.
- EXISTING MECHANICAL EQUIPMENT TO BE TESTED AND COMMISSIONED BY MECHANICAL CONTRACTOR TO THE EQUIPMENT'S CAPACITY PERFORMANCE AS PER ITS NAMEPLATE. INCLUDE REPAIR SCOPE FOR EQUIPMENT THAT IS NOT OPERATIONAL. SUPPLY AIR SHALL BE RE-BALANCED AS SHOWN AND PROVIDE A REPORT FOR ENGINEER'S REVIEW AND APPROVAL.
 - FCU - SUPPLY AIR DIFFUSER FAN NOT OPERATING.
 - FCU - LINEAR DIFFUSER HAS NO WATER FLOW.
 - FCU - SUPPLY AIR DIFFUSER FAN NOT OPERATIONAL, NO WATER FLOW.
 - FCU - FAN MOTOR REPLACEMENT. (MODEL #F.TSH.2.S06.A.A.00.B.00.AX.20.Z.Z.A.1)
 - FCU - HAS NO WATER FLOW, REPLACE CONTROL VALVE.
 - FCU - HEATING CONTROL VALVE NOT CONNECTED TO THE THERMOSTAT.
 - FCU - FAN MOTOR REPLACEMENT. (MODEL #F.TSH.2.S08.A.A.00.B.00.AX.20.Z.Z.A.1)
- THERMOSTATS SHALL BE PROGRAMMABLE WITH SETPOINTS WHICH CAN BE PROGRAMMED WITH OCCUPANCY SCHEDULES. THERMOSTATS SHALL ALSO BE LINE-POWERED. LOCATION SHALL BE COORDINATED WITH ARCHITECTURAL LAYOUT. SUBMIT SHOP DRAWING FOR REVIEW AND APPROVAL.
- CONTRACTOR TO INCLUDE DUCT CLEANING AND DISINFECTING OF NEW AND EXISTING EQUIPMENT, DUCTWORKS AND ITS ACCESSORIES UNDER THIS SCOPE OF WORK.
- CONTRACTOR TO CONDUCT AIR BALANCING TO MEET THE REQUIRED AIRFLOW AS SHOWN IN THE DRAWINGS. IT SHALL INCLUDE BOTH NEW AND EXISTING DIFFUSERS AND GRILLES.

