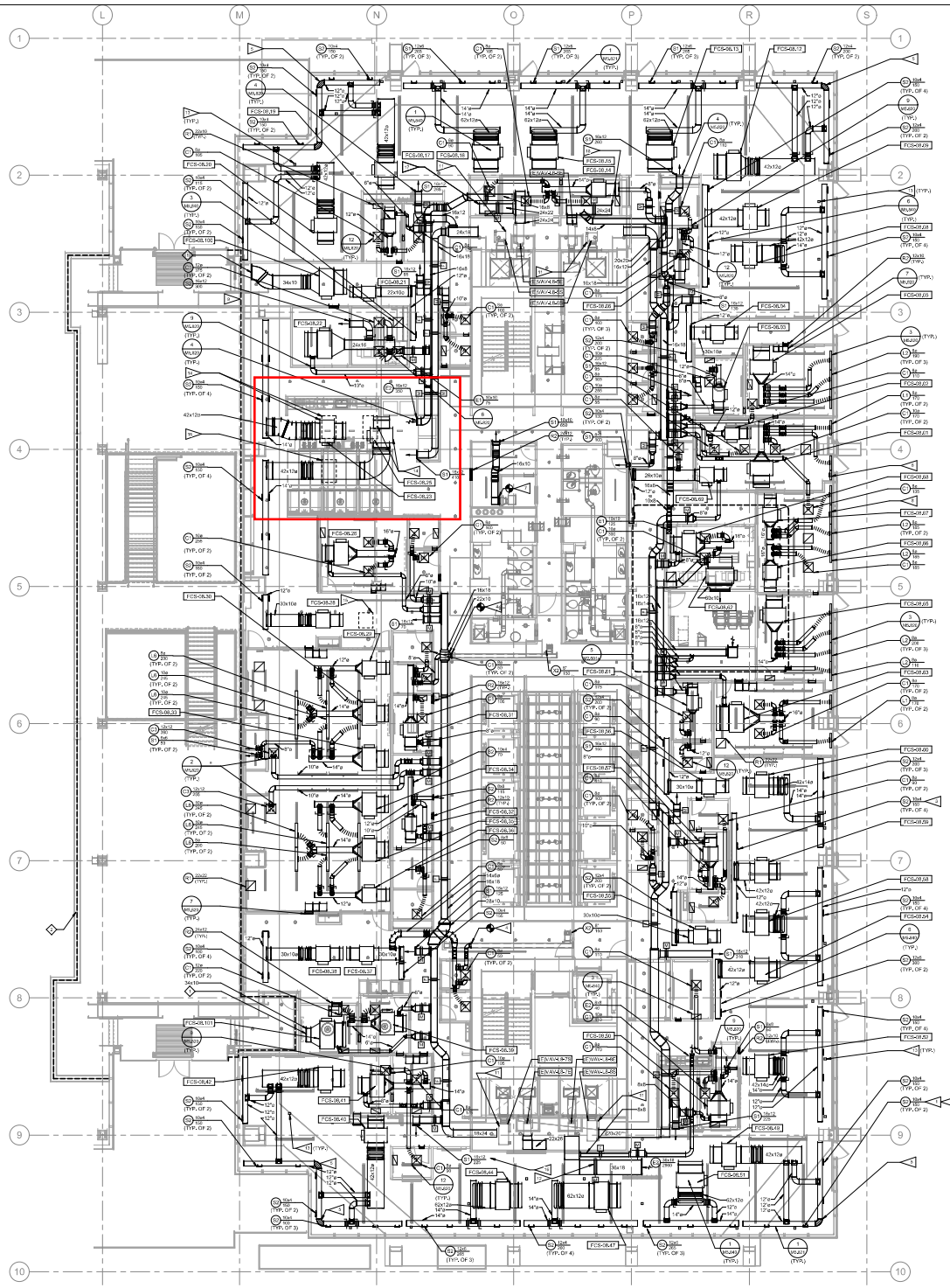

HVAC PLAN - LEVEL 08S - PREMISE A
SCALE: 1/8" = 1'-0"

SHEET NOTES

1. REFER TO NOTES ON SHEET M0.0 FOR ADDITIONAL REQUIREMENTS AND SPECIFIC REQUIREMENTS AT BF ROOM LOCATIONS.
2. REFER TO M0.M0X SERIES SHEETS FOR STANDARD DETAILS NOT REFERENCED ON PLANS, COMPLY WITH ALL REQUIREMENTS IN DETAILS.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS FOR FINAL LOCATION OF ALL GRILLES, DIFFUSERS, AND EXPOSED DUCTWORK. PROVIDE ADDITIONAL DUCTWORK AND FITTINGS TO MAKE FINAL CONNECTION.
4. PROVIDE REMOTE CABLE CONTROL SYSTEM FOR ALL VOLUME DAMPERS LOCATED ABOVE HARD CEILINGS. ATTACH ACCESS PANEL FROM CORRESPONDING FAN COIL UNIT AND ZONE CONTROLLER(S) ABOVE CEILING UNLESS OTHERWISE NOTED. MAXIMUM CABLE LENGTH FROM CONTROLLER TO DAMPER(S) SHALL NOT EXCEED 15'-0". GROUP ALL CONTROLLERS TOGETHER AS MUCH AS POSSIBLE.
5. PROVIDE A MANUAL VOLUME DAMPER FOR EACH SUPPLY, RETURN, AND EXHAUST OPENING LOCATE AS FAR UPSTREAM AS POSSIBLE FROM THE OPENING UNLESS OTHERWISE NOTED. NOT ALL VOLUME DAMPERS ARE SHOWN ON PLANS. PROVIDE A MANUAL VOLUME DAMPER FOR BRANCH MAINS SERVING MORE THAN ONE OPENING AS INDICATED ON THE DRAWINGS.
6. DIVISION 23 SHALL REVIEW FTU/VAV BOX LOCATIONS AND COORDINATE WITH OTHER DISCIPLINES TO ENSURE FTU/VAV BOX ACCESS IS MAINTAINED. TYPICAL ALL FTU/VAV BOX LOCATIONS. CONTRACTOR SHALL PROVIDE MOCKUP OF ONE FTU/VAV FOR REVIEW PRIOR TO INSTALLATION OF ALL EQUIPMENT TO ENSURE DESIGN INTENT IS MET.
7. REFER TO ARCHITECTURAL ELEVATIONS FOR SWITCH THERMOSTAT, CO2, AND SENSOR MOUNTING HEIGHTS AND EXACT LOCATIONS. LOCATIONS ON PLANS ARE APPROXIMATE.
8. MAINTAIN 12" CLEAR BETWEEN OPEN END AND STRUCTURE WHERE TRANSFER, RETURN, AND EXHAUST DUCTS ARE OPEN ENDED. NOTIFY ARCHITECT IN WRITING WHERE CONFLICTS OCCUR.
9. CONTRACTOR SHALL VERIFY INSTALLED LOCATION OF EXISTING FAN COIL UNITS, SHIFT TERMINAL UNITS AWAY FROM NEW WALLS AS REQUIRED TO MAINTAIN REQUIRED CLEARANCES AND DESIGN CONSTRAINTS.
10. REFER TO ZONING PLANS FOR MOTORIZED DAMPER AND FLOW MEASURING STATION CALLOUTS.
11. ALL LIGHT UNDERWEIGHT WORK IS LANDLORD SCOPE OF WORK. ALL DARK UNDERWEIGHT IS SCOPE OF WORK. FIELD VERIFY ALL SCOPE OF WORK BEFORE BID.
12. ALL MECHANICAL ENTITIES ROUTING PARALLEL TO THE FRONT OF AN OFFICE STOREFRONT STYLE ENTRY WAY SHALL BE ROUTED A MINIMUM OF 6" AWAY. REFER TO ARCH DRAWINGS FOR STOREFRONT LOCATIONS.
13. LIGHTING AND POWER POLE LOCATIONS SHOWN FOR REFERENCE. REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION.
14. ALL FAN COIL UNITS SHALL BE LOCATED A MINIMUM OF 10" FROM STRUCTURAL BEAMS, DEPRESSED SLABS, PARTITIONS, ETC. TO MAINTAIN CLEARANCE TO ELECTRICAL SIDE OF THE UNIT. REFER TO DETAIL 1/M0.A10 FOR ADDITIONAL INFORMATION.

DUCT FINISH AND INSULATION NOTES

1. WHERE INDICATED WITH DIAMETER DIMENSIONS, DUCTS EXPOSED TO TENANT VIEW SHALL BE SPIRAL RATHER THAN ROUND.
2. NOT USED.
3. DUCT MAINS SHALL BE ROUTED WITH TOP OF DUCT JUST BELOW BOTTOM OF STRUCTURAL BEAMS. COORDINATE WITH OTHER TRADES TO ENSURE OTHER INSTALLATIONS ARE PROVIDED BENEATH DUCTS AND/OR ABOVE DUCTS WITHIN BEAM POCKETS.
4. MOUNT EXPOSED WALL RETURN/TRANSFER AIR DEVICES AS HIGH AS POSSIBLE AT CONSISTENT ELEVATIONS THROUGHOUT. NOTIFY THE ARCHITECT/ENGINEER OF CONDITIONS PREVENTING CONSISTENT ELEVATIONS.
5. MEDIUM PRESSURE DUCTWORK SHALL BE LINED 1" THICK PRIOR TO THE VAV BOX AND SHALL BE 1" THICK LINED AFTER THE VAV BOX (LOW PRESSURE) FOR THE FIRST 10 OR TO THE SECOND FITTING, WHICHEVER IS LONGER.
6. AFTER THE FIRST 20-40" OUT OF THE VENTILATION RISER, VENTILATION DUCTS SHALL BE WRAPPED WHERE CONCEALED WITHIN A CEILING, OR ABOVE AN OPEN EDGE CEILING BUT PREDOMINANTLY CONCEALED FROM TENANT VIEW.
7. LOW PRESSURE SUPPLY DUCTS SHALL BE LINED WITH 1" THICK ACOUSTICAL LINER FOR THE FIRST 15'-0" OR TO THE SECOND FITTING OFF FAN COIL UNIT OUTLETS, WHICHEVER IS LONGER.
8. LINER AND WRAP INSULATION SHALL OVERLAP PER INSULATION SPECIFICATIONS.
9. BF ROOM SUPPLY AND RETURN DUCTS SHALL BE LINED WITH 1" THICK ACOUSTICAL LINER.
10. PROVIDE 1" THICK ACOUSTICAL LINER FOR ALL TRANSFER AND RETURN AIR DUCTS, AND RESTROOM SUPPLY DUCTS.
11. UNLESS NOTED OTHERWISE, EXPOSED DUCTS SHALL BE PRIMED AND PREPARED FOR PAINTING PER ARCHITECTURAL SPECIFICATION.
12. WALL-MOUNT GRILLES SHALL MATCH COLOR OF ADJACENT WALLS, CEILINGS, AND/OR SURFACES. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT COLOR SPECIFICATION.
13. DUCT MOUNT GRILLES SHALL MATCH THE FINISH OF THE ASSOCIATED DUCT. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT COLOR SPECIFICATION.
14. DUCT SIZING SHOWN ON DRAWINGS INDICATIVE OF SIZE WITH LINER WHERE APPLICABLE.

FLAG NOTES

1. DUCT MOUNT GRILLES IN OPEN OFFICE SHALL BE PLACED 24" AWAY FROM THE MAIN SUPPLY DUCT AND/OR VOLUME DAMPER WHERE SPACE ALLOWS. MAINTAIN 24" FROM LAST DUCT MOUNT GRILLE TO THE DUCT END CAP. (TYP.)
2. DUCT MOUNT GRILLES AT THE EXTERIOR SHALL BE ANGLED DOWN SUCH THAT OPPSET FOR GRILLE SHALL ALIGN TO TOP OF WINDOW AND AVOID BLIND SOX. (TYP.)
3. DUCT MOUNT GRILLES AT THE INTERIOR SHALL BE ANGLED DOWN 22 DEGREES. (TYP.)
4. CONNECT TO EXISTING DUCTWORK THAT SERVES ELEVATOR LOBBY THIS LOCATION. MODIFY AS REQUIRED.
5. PROVIDE BLANK DUCTWORK THAT IS SEALED ON EITHER END AS TO NOT ALLOW ANY AIRFLOW PASS BETWEEN. FITTING PROVIDED AS VISUAL FEATURE. (TYP.)
6. NOT USED.
7. CONNECT EXHAUST DUCTWORK TO EXISTING SYSTEMS THIS LOCATION. DEMO EXISTING DIFFUSER AND MODIFY EXISTING DUCTWORK FOR CONNECTION.
8. PROVIDE BLANK DIFFUSER FOR CONTINUOUS LOOK. CAP DUCT CONNECTION.
9. PREMISE A BOUNDARY.
10. MODIFY PLENUM AND CORRESPONDING DUCTWORK TO ALLOW CONDENSATE TO ROUTE ADJACENT TO PLENUM.
11. EXISTING UNIT(S) AND CORRESPONDING DUCTWORK SHALL BE COORDINATED IN THE BIM COORDINATION PROCESS AS TO BETTER COORDINATE WITH ACTUAL SITE CONDITIONS, MATCH THE INTENT SHOWN ON DRAWINGS WHERE APPLICABLE.
12. PROVIDE TWO ADJACENT MOTORIZED DAMPERS THIS LOCATION.
13. CONTRACTOR SHALL COORDINATE WITH POWER POLE TO BE INSTALLED IN THIS LOCATION. (TYP.)
14. UNITS SHALL BE MOVED TO THIS LOCATION. FIELD VERIFY ORIGINAL LOCATION AND MAKE THE SHIFT.
15. UNIT SHALL BE REMOVED AND REALLOCATED FOR FUTURE PREMISE.
16. PROVIDE BIRD SCREEN COVER AT END OF THE DUCT FOR 3000 CFM.
17. PROVIDE BIRD SCREEN COVER AT END OF THE DUCT FOR 2575 CFM.
18. PROVIDE BIRD SCREEN COVER AT END OF THE DUCT FOR 3875 CFM.
19. NOT USED.

PHASING NOTES

1. CAP DUCTWORK FOR FUTURE PREMISE B2 WORK. UNIT SHALL NOT RUN.
2. EXISTING DEMISING WALL TO BE DEMOLISHED. REFER TO ARCH.

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MECHANICAL ELECTRICAL PLUMBING

02/29/24

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EXP: 06/30/2024

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CORPORATE TENANT IMPROVEMENT

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REV.	RELEASE	DATE
	ISSUE FOR PERMIT	12/15/21
	PERMIT UPDATE	03/31/22
D	BP REVISION #1	06/16/22
F	BP REVISION #2	06/09/23
	FINAL DESIGN DRAWINGS	02/29/24

PROJECT	YVR26
HARGIS PROJECT	14787
DRAWN	WK
CHECKED	BD
APPROVED BY	BH

SHEET TITLE
HVAC PLAN - LEVEL 08S - PREMISE A

SHEET
M1.308a