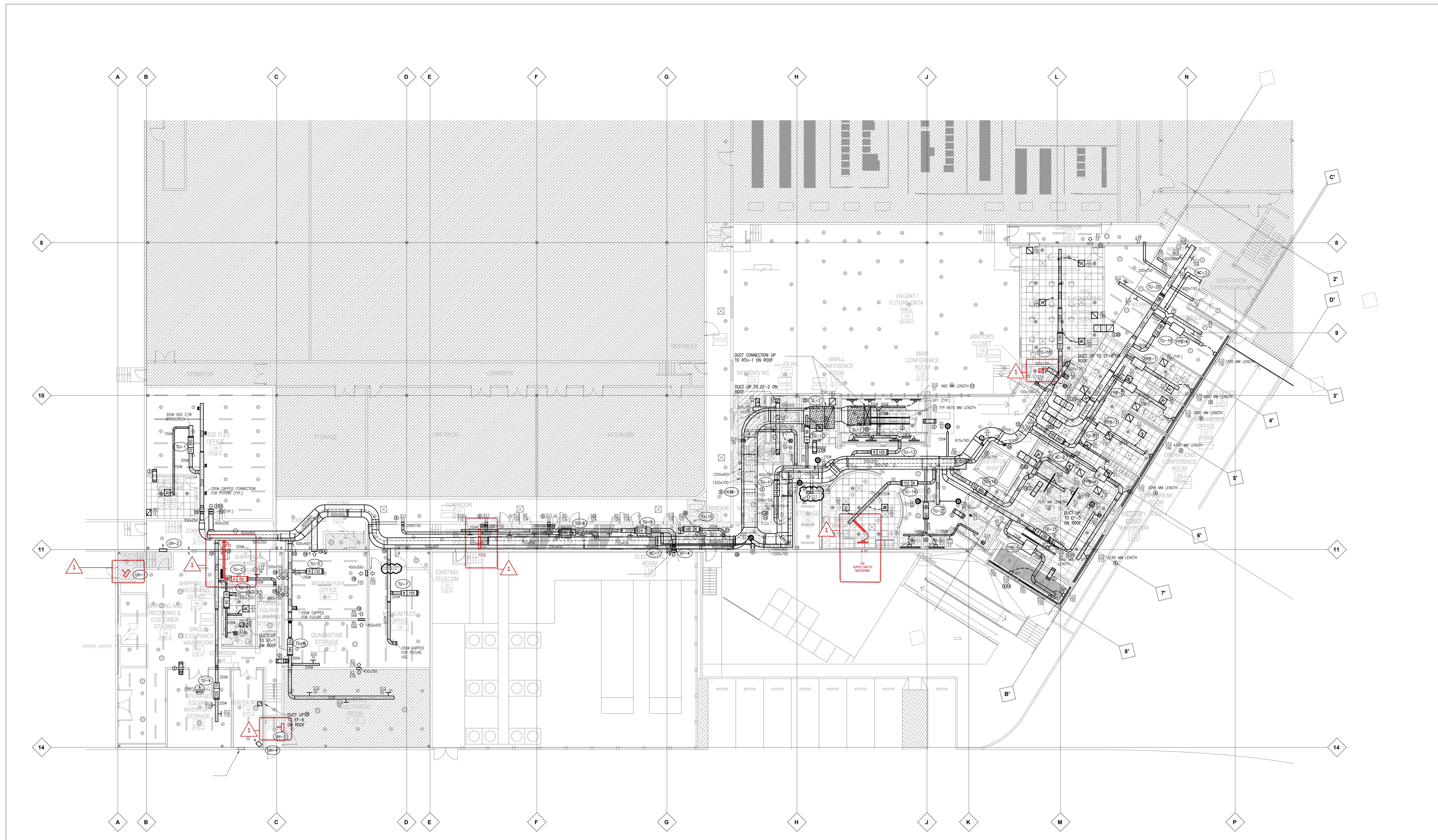


ISSUES/REVISIONS		
ISSUE	TITLE	DATE
C	ISSUED FOR SCHEMATIC DESIGN	2020-11-29
E1	ISSUED FOR PROGRESS REVIEW	2020-11-27
E2	ISSUED FOR PROGRESS REVIEW	2020-12-10
G	ISSUED FOR PROGRESS REVIEW	2020-12-23
H	ISSUED FOR 100% CD	2021-01-18
K	ISSUED FOR TENDER/PERMIT	2021-02-11
L	ISSUED FOR ADDENDUM #1	2021-02-26
K2	POST TENDER ADDENDUM	2021-03-03
K4	POST TENDER ADDENDUM 2	2021-03-07
K6	ISSUED FOR PERMIT REVISION	2021-03-26
L	ISSUED FOR CONSTRUCTION	2021-05-28
	ISSUED FOR GC M-PC-001	2021-07-20
	ISSUED FOR GC M-PC-002	2021-07-20
	ISSUED FOR CONLM	2021-08-03
	ISSUED FOR CONLM #1	2021-08-11
	ISSUED FOR GC M-PC-003	2021-08-21
AS BUILT		05-11-2022



DRAWING NOTES

- ALL FIRE DAMPERS TO BE "TYPE B" (TYPICAL). REFER TO DETAIL 9/M500.
- RETURN AIR TRANSFER DUCT REFER TO DETAIL 1/M500. TRANSFER DUCT DIMENSIONS AS NOTED IN DETAIL UNLESS OTHERWISE SPECIFIED ON PLAN DRAWING.
- PROVIDE REMOTE CABLE DAMPER ACTUATORS FOR ALL CONFERENCE ROOM LINEAR SUPPLY DIFFUSER PLENUM BOXES. EXTEND THE CABLES TO THE LOCATION SHOWN ON THE DRAWING AND PROVIDE ACCESS PANEL IN CEILING. COORDINATE FINAL ACCESS PANEL LOCATION WITH ARCHITECT.
- DUCT COMPLETE WITH BROSSCREEN AND SECURITY MESH.
- PROVIDE 304 STAINLESS STEEL DUCTWORK A MINIMUM OF 1M (3') UPSTREAM OF THE HUMIDIFIER AND 3M (10') DOWNSTREAM OF THE HUMIDIFIER.
- SUPPLY GRILLE TO BE INSTALLED ON WALL BELOW EXISTING OYSPIM BOARD CEILING IN CORRIDOR. RUN SUPPLY DUCT ABOVE CEILING LEVEL AND DROP TO CONNECT TO NEW GRILLE.

- REFRIGERANT PIPING UP TO CONDENSER ON ROOF. REFER TO DETAIL 5/M100.

- PROVIDE ACCESS HATCH IN SUPPLY DUCTWORK IN THE WATER PROCESS ROOM FOR INSPECTION AND MAINTENANCE OF THE HUMIDIFIER MANIFOLD. ENSURE ACCESS HATCH IS NOT OBSTRUCTED.
- REFER TO DETAILS 3/M500 AND 7/M500 FOR LINEAR SUPPLY RETURN INSTALLATION DETAILS.
- PROVIDE ACCESS HATCH FOR FIRE DAMPER INSPECTION AND MAINTENANCE.
- ALIGN SUPPLY IN CENTER OF GLAZING. LINEAR DIFFUSER TO BE LOCATED A MINIMUM OF 30MM (1") AWAY FROM THE WINDOW GLAZING. COORDINATE FINAL DIFFUSER LOCATION WITH SPRINKLER LAYOUT.
- REMOTE DUCT MOUNTED PRESSURE SENSOR FOR RTU SUPPLY AIR CONTROL. COORDINATE INSTALLATION AND LOCATION REQUIREMENTS WITH DIV. 25.
- DUCT MOUNTED SMOKE DETECTOR ON RETURN DUCT. COORDINATE INSTALLATION AND INTEGRATION TO FAS WITH DIV. 26. INTERLOCK SMOKE DETECTION WITH RTU.

- PROVIDE CONTINUOUS LINEAR DIFFUSER WITH INACTIVE PORTIONS AS NOTED FOR CEILING RETURN.
- COORDINATE FINAL OPENING SIZE AND LOCATION WITH ARCHITECTURAL AND STRUCTURAL DURING CONSTRUCTION.
- PROVIDE 500X450 TRANSFER DUCT WITH 450X450 OPENINGS.
- GED WITH BROSSCREEN.
- PROVIDE 250X200 TRANSFER DUCT WITH 200X200 OPENINGS.
- INSTALL GRILLES AT HIGH LEVEL TO BE ABOVE FINISHED CEILING.
- PROVIDE 700X650 TRANSFER DUCT WITH 650X650 OPENING.
- PROVIDE 750X700 TRANSFER DUCT WITH 700X700 OPENING.

- PROVIDE REMOTE CABLE DAMPER ACTUATORS FOR LINEAR SUPPLY DIFFUSERS IN KIOSK AREAS PLENUM BOXES. EXTEND THE CABLES TO THE LOCATION SHOWN ON THE DRAWING AND PROVIDE ACCESS PANEL IN CEILING. COORDINATE FINAL ACCESS PANEL LOCATION WITH ARCHITECT.
- DUCT UP TO EF-6 ON ROOF. TERMINATE DUCT AT HIGH LEVEL IN THE CEILING JOISTS WITH BIRD SCREEN.
- 200X200 CAPPED DUCT FOR FUTURE CONNECTION.
- ELBOW SILENCER. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS AND DIMENSIONS.
- MOUNT EXHAUST FAN AT HIGHEST AVAILABLE LEVEL (MINIMUM 2745 MM AFT) BELOW FINISHED CEILING. COORDINATE LOCATION WITH CABLE TRAY AND EQUIPMENT TO AVOID INTERFERENCE. MAINTAIN ADEQUATE CLEARANCE FOR MAINTENANCE.
- DROP DUCT BELOW FINISHED CEILING AND RUN INTO ELECTRICAL ROOM. FIRE DAMPER, TERMINAL UNIT, AND GRILLE ALL TO BE AT HIGHEST AVAILABLE LEVEL BELOW FINISHED CEILING. COORDINATE LOCATION WITH CABLE TRAY AND OTHER EQUIPMENT TO AVOID INTERFERENCE AND MAINTAIN ADEQUATE CLEARANCE FOR MAINTENANCE.

- MOUNT RETURN GRILLES AND FIRE DAMPER AT HIGH LEVEL BELOW FINISHED CEILING. COORDINATE LOCATION WITH CABLE TRAY AND EQUIPMENT TO AVOID INTERFERENCE. MAINTAIN ADEQUATE CLEARANCE FOR MAINTENANCE.
- FIRE DAMPERS OFFSET FOR DRAWING CLARITY ONLY. DAMPERS TO BE LOCATED IN FIRE RATED WALL ASSEMBLY. PROVIDE ACCESS HATCH IN CORRIDOR 156 DRIPWALL CEILING FOR ACCESS TO ALL FIRE DAMPERS FOR MAINTENANCE AND INSPECTION. PROVIDE ACCESS HATCH LOCATION COORDINATION DRAWINGS FOR REVIEW PRIOR TO INSTALLATION.
- PROVIDE 250X250 ARCHITECTURAL ACCESS HATCH IN WIRE MESH CEILING. COORDINATE LOCATION WITH FIRE DAMPER LOCATION.
- PROVIDE 900X600 ARCHITECTURAL ACCESS HATCH IN WIRE MESH CEILING. COORDINATE LOCATION WITH TERMINAL UNIT LOCATION.

GENERAL NOTES

- ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- ALL AIRFLOW VALUES ARE SHOWN IN L/S.
- BALANCING CONTRACTOR TO CONFORM WITH ALL TESTING REQUIREMENTS AND SPECIFICATIONS.
- MAINTAIN ALL EQUIPMENT CLEARANCES AS REQUIRED BY MANUFACTURER.
- CONTRACTOR TO COORDINATE ALL NEW DUCTWORK WITH FIELD CONDITIONS. DRAWINGS ARE DIAGRAMMATIC AND ALL REQUIRED OFFSETS MAY NOT BE SHOWN.
- BALANCING DAMPERS ARE REQUIRED AT ALL DUCTWORK BRANCH CONNECTIONS. BALANCING DAMPERS SHOWN INDICATE PREFERRED LOCATIONS ONLY.
- MAXIMUM LENGTH OF FLEXIBLE DUCTWORK IS 1500MM (5'-0"). SPIRAL ROUND DUCT SHALL BE USED FOR PRECISION LENGTH WHERE MAXIMUM LENGTH IS EXCEEDED.
- PROVIDE ACCESS HATCH IN DUCTWORK AND FINISHED CEILING AT ALL FIRE DAMPERS FOR INSPECTION AND MAINTENANCE. REFER TO SPECIFICATIONS FOR COMPLETE REQUIREMENTS.

ASBUILTS

Drawing Title

HVAC NEW -
LEVEL 1

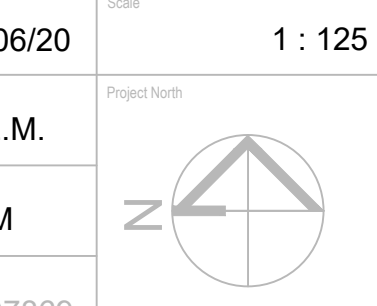
Date: 11/06/20

E.M.

N.M.

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Drawing No.



M-120