

GENERAL

PERFORM ALL MECHANICAL WORK DETAILED ON THESE DRAWINGS TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL OPERATING SYSTEM TO THE SATISFACTION OF THE MECHANICAL CONSULTANT.

EQUIPMENT SUBSTITUTIONS AFTER AWARD OF CONTRACT WILL NOT BE CONSIDERED WITHOUT WRITTEN EXPLANATION AND CONSULTANT'S WRITTEN AUTHORIZATION. THE QUALITY AND PERFORMANCE CHARACTERISTICS OF SUBSTITUTED PRODUCT SHALL BE EQUIVALENT TO THE SPECIFIED PRODUCT. ALL SUBSTITUTE PRODUCTS SHALL BE APPROVED BY CONSULTANTS. ANY ADDITIONAL COSTS INCURRED BY ALL TRADES FOR SUBSTITUTED EQUIPMENT INSTALLATION MUST BE INCURRED BY THIS CONTRACT.

BASE BUILDING STANDARDS SHALL FORM THE BASIS FOR THIS CONSTRUCTION. COMPLY WITH LANDLORD'S REQUIREMENTS FOR SYSTEM SHUTDOWN AND CONNECTION.

CODES AND BYLAWS SHALL BE STRICTLY ADHERED TO. OBTAIN NECESSARY PERMITS, APPROVALS AND INSPECTIONS FROM THE AUTHORITIES HAVING JURISDICTION.

PERMITS AND FEES REQUIRED BY THE AUTHORITIES HAVING JURISDICTION SHALL BE OBTAINED AND PAID FOR BY THIS CONTRACTOR. INCLUDE ALL APPLICABLE TAXES.

EXISTING SITE CONDITIONS AFFECTING THE WORK OF THIS TRADE SHALL BE REVIEWED PRIOR TO TENDER SUBMISSION. FAILURE TO DO SO SHALL NOT RELIEVE CONTRACTOR OF FULL CONTRACT RESPONSIBILITY.

CUTTING, PATCHING AND CORE DRILLING REQUIRED BY THIS TRADE SHALL BE PAID FOR BY THIS CONTRACTOR. X-RAY CONCRETE STRUCTURE IN ACCORDANCE WITH OWNER/LANDLORD STRUCTURAL ENGINEER'S REQUIREMENTS. PROVIDE DETAILS OF NEW OPENING THROUGH STRUCTURAL COMPONENTS FOR ENGINEER'S APPROVAL. INCL. ALL COSTS RELATED FOR STRUCTURAL APPROVAL.

PREMIUM TIME COSTS SHALL BE INCLUDED FOR WORK OUTSIDE OF NORMAL WORKING HOURS.

SHOP DRAWINGS SHALL BE COMPLETE WITH CONTRACTORS REVIEWED STAMP. SUBMIT ONE ELECTRONIC COPY. ALLOW ONE (1) WEEK FOR ENGINEERS REVIEW.

CONTROL WIRING AND DEVICES SHALL BE PROVIDED UNDER THIS CONTRACT. WHEN REQUIRED, CONTROL WORK SHALL BE COMPLETED BY OWNER'S/LANDLORD'S APPROVED CONTRACTOR AND PAID FOR UNDER THIS CONTRACT.

ELECTRICAL DEVICES SHALL BE PROVIDED FOR ALL LOAD SIZES INCLUDING WIRING, STARTERS, DISCONNECT, ETC. VERIFY AND COORDINATE VOLTAGE AND PHASE WITH THE ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.

ACCESS DOORS SHALL BE PROVIDED FOR ALL INACCESSIBLE MECHANICAL EQUIPMENT AND SERVICES REQUIRING INSPECTION OR SERVICE. FINISH SHALL SUIT DESIGNERS REQUIREMENTS. ACCESS DOORS SHALL BE RECESSED AS REQUIRED TO SUIT WALL FINISH (EG. TLE).

ENGINEERS FINAL INSPECTION IS IMPERATIVE PRIOR TO INSTALLATION OF ALL CEILING. THIS CONTRACTOR SHALL CONTACT MARGARET EDWARDS (ROMAR) AT MEADOWS@ROMARENGINEERING.COM TO PERFORM A FINAL INSPECTION. WHEN CEILING TILES HAVE BEEN INSTALLED IT WILL BE NECESSARY FOR THE CONTRACTOR TO REMOVE PORTIONS FOR INSPECTION.

ONE YEAR WRITTEN WARRANTY SHALL BE PROVIDED FOR THE COMPLETE MECHANICAL INSTALLATION FROM DATE OF ACCEPTANCE.

CAD AS-BUILT DRAWINGS SHALL BE COMPLETED BY THE CONTRACTOR UTILIZING AUTOCAD. RECORD ACCURATELY INSTALLED WORK ON WHITE PRINTS TRANSFERRING TO AUTOCAD. SUBMIT BOTH COPIES.

OPERATING AND MAINTENANCE MANUALS CONTAINING APPROVED SHOP DRAWINGS, AIR AND WATER BALANCING REPORTS, EQUIPMENT DATA SHEETS, WRITTEN WARRANTY, OPERATING INSTRUCTIONS AND MAINTENANCE PROCEDURES SHALL BE SUBMITTED TO CONSULTANT FOR REVIEW. MANUALS SHALL BE SEPARATED WITH DIVIDERS IN APPROPRIATE SECTIONS. MAKE ALL CORRECTIONS REQUESTED BY CONSULTANT AND RESUBMIT FOR REVIEW.

CHANGE NOTICE QUOTATIONS SHALL BE SUBMITTED COMPLETE WITH COST BREAKDOWN OF LABOUR AND MATERIALS. FAILURE TO PROVIDE WILL RESULT IN REJECTION. ALL MECHANICAL CHANGE NOTICES SHALL BE PRICED IN ACCORDANCE WITH "MECHANICAL CONTRACTORS ASSOCIATION" (MCA), LABOUR UNITS STRICTLY FOR LABOUR AND FOR MATERIALS COST USE "ALL PRICE" LESS DISCOUNT, TYPICALLY 20%-30%.

TEMPORARY FILTERS 25MM (1 IN.) SHALL BE PROVIDED AT ALL BASE BUILDING RETURN AIR OPENINGS WHICH REMAIN OPERATIONAL DURING CONSTRUCTION. FILTERS TO BE REPLACED WEEKLY. REMOVE UPON CONSTRUCTION COMPLETION.

MECHANICAL DEMOLITION

PROVIDE LABOUR, MATERIALS, PRODUCTS, EQUIPMENT AND SERVICES REQUIRED TO COMPLETE THE DEMOLITION WORK SPECIFIED HEREIN.

REFER TO DRAWINGS FOR EXTENT OF DEMOLITION WORK. THE DRAWINGS INDICATE THE APPROXIMATE LOCATIONS OF SERVICES AS FAR AS THESE ARE KNOWN. DISPOSE, OFF SITE, OF ALL DEBRIS IN ACCORDANCE WITH THE JURISDICTIONAL AUTHORITIES.

REMOVAL AND STORAGE OF SALVAGEABLE ITEMS AS DIRECTED BY THIS SPECIFICATION SECTION UND THE OWNER OF THEIR REPRESENTATIVE.

MEET THE REQUIREMENTS AND RECOMMENDATIONS OF ALL MUNICIPAL, PROVINCIAL AND FEDERAL BYLAWS AND ORDINANCES. EXECUTE THIS WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING CODES AND STANDARDS: CAN/CSA-S300-M890 CODE OF PRACTICE FOR SAFETY IN DEMOLITION OF STRUCTURES; ONTARIO BUILDING CODE; OCCUPATIONAL HEALTH AND SAFETY ACT; REGULATIONS FOR CONSTRUCTION PROJECTS; ONTARIO FIRE CODE; REGULATIONS UNDER FIRE MARSHALS ACT.

REMOVAL FROM SITE AND DISPOSAL OF DEBRIS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL JURISDICTIONAL AUTHORITIES. ARRANGE AND PAY FOR ALL PERMITS, NOTICES AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE DEMOLITION WORK. ALL MATERIALS WHICH HAVE NOT BEEN DESIGNATED FOR SALVAGE FROM THE DEMOLITION SHALL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVE ALL MATERIAL AND DEBRIS FROM THE SITE AS QUICKLY AS POSSIBLE AND DISPOSE OF LEGALLY. BURNING OF DEBRIS OR SELLING OF MATERIALS ON THE SITE WILL NOT BE PERMITTED. CONFORM TO REQUIREMENTS OF MUNICIPALITY'S WORKS DEPARTMENT REGARDING DISPOSAL OF WASTE MATERIALS. MATERIALS PROHIBITED FROM MUNICIPALITY WASTE MANAGEMENT FACILITIES SHALL BE REMOVED FROM SITE AND DISPOSED OF THROUGH RECYCLING COMPANIES SPECIALIZING IN RECYCLABLE MATERIALS. AT THE END OF EACH WORK SHIFT, LEAVE WORK IN A SAFE CONDITION. PATCH FIRE RATED PARTITIONS AND FLOORS TO MAINTAIN RATING UPON REMOVAL OF MECHANICAL SERVICES ORIGINALLY SPANNING FIRE RATED ASSEMBLIES. DEMOLISH WORK INTO SECTIONS OF PRACTICAL SIZE FOR REMOVAL WITHOUT ALTERATION OR DAMAGE TO EXISTING BUILDING. STORE MATERIALS ONLY IN AREAS DESIGNATED BY THE OWNER AND AS PERMITTED BY THE LOCAL JURISDICTIONAL AUTHORITIES. MATERIALS AND DEBRIS SHALL NOT BE STACKED IN BUILDING TO THE EXTENT THAT OVERLOADING OF ANY PART OF THE STRUCTURE WILL OCCUR.

CONFERENCE WITH THE OWNER CONCERNING SCHEDULE, DUST AND NOISE CONTROL PRIOR TO COMMENCING WORK IN OR ADJACENT TO EXISTING FACILITIES WHERE SUCH WORK MIGHT AFFECT EITHER THESE FACILITIES OR THEIR OCCUPANTS. EXECUTE WORK WITH LEAST POSSIBLE INTERFERENCE OR DISTURBANCE TO OCCUPANTS, PUBLIC AND NORMAL USE OF PREMISES. PROVIDE TEMPORARY MEANS TO MAINTAIN SECURITY WHEN SECURITY HAS BEEN REDUCED BY DIVISION 15.

PROVIDE TEMPORARY DUST SCREENS, BARRIERS, WARNING SIGNS IN LOCATIONS WHERE RENOVATIONS AND ALTERNATION WORK IS ADJACENT TO AREAS WHICH WILL BE OPERATIVE DURING WORK.

PROTECT ALL MECHANICAL SYSTEMS, INDICATED TO REMAIN, FROM DAMAGE. PROVIDE AND MAINTAIN READY ACCESS TO FIREFIGHTING EQUIPMENT AT ALL TIMES. PROVIDE AND MAINTAIN PROPER AND SUITABLE FIRE EXTINGUISHERS THROUGHOUT THE DURATION OF THE WORK.

THE DRAWINGS INDICATE THE APPROXIMATE LOCATIONS OF SERVICES AS FAR AS THESE ARE KNOWN. SHOULD ANY MECHANICAL OR ELECTRICAL SERVICE LINE BE BROKEN, OR DISRUPTED BY OPERATIONS SPECIFIED UNDER THIS CONTRACT, REPAIR SERVICE LINES, AND MAKE GOOD ALL DAMAGE DUE TO THE DEMOLITION OR BREAK, AT NO EXPENSE TO THE OWNER. NOTIFY THE OWNER IMMEDIATELY WHENEVER ANY SERVICE LINE IS BROKEN OR DAMAGED.

ACCEPT LIABILITY FOR COSTS INCURRED BY THE OWNER IN REPAIRING AND CLEANING EQUIPMENT, ETC., RESULTING FROM FAILURE TO COMPLY WITH THE ABOVE REQUIREMENTS.

CLEAN UP

DURING THE PROCESS OF WORK EACH CONTRACTOR SHALL KEEP HIS WORK TIDY. THE PREMISES SHALL AT ALL TIMES BE FREE FROM RUBBISH AND SURPLUS MATERIALS. CLEAN DAILY.

PROTECTING-TRADES

DIVISION 15 IS ENTIRELY FINANCIALLY RESPONSIBILITY FOR ALL DAMAGE TO PROPERTY OR ADJACENT PROPERTY, ARISING OF THE WORK OF THIS CONTRACTOR, WHETHER CAUSED BY HIMSELF OR ANY PERSONS ENGAGED ON HIS WORK.

DIVISION 15 CONTRACTORS ARE RESPONSIBLE TO ENSURE THAT THEIR EMPLOYEES AND SUB-TRADES USE ONLY SAFE PRACTICES AND CONDITIONS, OBSERVE ALL SAFETY REGULATIONS, SECURITY REGULATIONS AND FIRE SAFETY RULES.

DUCTWORK

NEW MATERIAL AND EQUIPMENT SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH BASE BUILDING STANDARDS.

DUCTWORK AND HANGERS SHALL BE FABRICATED IN ACCORDANCE WITH THE LATEST SMACNA STANDARDS.

FLEXIBLE DUCTWORK SHALL BE FLEXMASTER TRIPLE LOC OR EQUAL. SPIRAL WOUND ALUMINUM. SECURE TO RIGID DUCT USING GEAR CLAMPS. AT THE INLET OF EACH VAV TERMINAL, CONTROL UNIT, PROVIDE A MINIMUM OF 2 DIAMETERS OF STRAIGHT FLEX DUCT. MAXIMUM LENGTH 1200 MM (4 FT.-0 IN.) FLEXIBLE DUCTS SERVING DIFFUSERS SHALL BE INSTALLED AS ONE CONTINUOUS PECE AND SHALL NOT EXCEED 10'-0" LENGTHS.

FIRE DAMPER SHALL BE OUT OF STREAM UL/C LABELED. PROVIDE FIRE DAMPERS AS REQUIRED IN NEW AND EXISTING DUCTWORK C/W ACCESS DOORS.

ACOUSTIC DUCT LINING 25MM (1 IN.) SHALL BE PROVIDED WHERE SHOWN ON DRAWINGS. SECURE WITH MECHANICAL FASTENERS AND ADHESIVE. SEAL RAW EDGES. NOTE DUCT DIMENSIONS ARE CLEAR INSIDE.

THERMAL INSULATION WITH VAPOUR BARRIER SHALL BE PROVIDED ON ALL NEW SUPPLY AIR DUCTWORK TO MATCH BASE BUILDING STANDARDS OR REFER TO INSULATION SECTION.

FLEXIBLE DUCT CONNECTIONS SHALL BE DURETHANE NEOPRENE AND INSTALLED BETWEEN ALL AIR HANDLING EQUIPMENT AND SYSTEM DUCTWORK.

AR TRANSFER OPENINGS INDICATED WITHOUT DUCT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO ADVISE AND CONFIRM PROVISION BY GENERAL TRADES.

BALANCING AND VOLUME CONTROL DAMPERS SHALL BE PROVIDED IN NEW OR EXISTING DUCTWORK TO PROVIDE A COMPLETE AND BALANCED SYSTEM. BALANCING CONTRACTOR SHALL BE A MEMBER OF ASRC OR NERC. SUBMIT BALANCING REPORT IN TRIPLICATE TO THE CONSULTANT AND THE LANDLORD. INDICATING TERMINAL DESIGN AND MEASURED FLOW RATES. WHEN REQUIRED, BALANCING WORK SHALL BE COMPLETED BY OWNER'S/LANDLORD'S APPROVED CONTRACTOR AND PAID FOR UNDER THIS CONTRACT. PROVIDE SIX (6) ADDITIONAL HOURS OF BALANCING WORK. THIS WORK SHALL BE PERFORMED AFTER THE TENANT HAS MOVED IN, AS MAY BE REQUIRED FOR COMFORT BALANCING.

FAN SHEAVES SHALL BE ADJUSTED OR REPLACED AS REQUIRED TO OBTAIN DESON AIR QUANTITIES. COORDINATE THIS WORK WITH OWNER/LANDLORD.

INSULATION

SHEET METAL INSULATION

PROVIDE INSULATION WITH A MINIMUM THERMAL RESISTANCE OF 0.25 BTU/IN.R. 50/FT F AT 75F MEAN TEMPERATURE.

APPLY VAPOUR BARRIER OVER INSULATION ON COLD TEMPERATURE DUCTWORK.

CIRCULAR SLENDERS AND ACOUSTIC PLENUMS NEED NOT BE EXTERNALLY INSULATED.

DUCTWORK AND CASINGS LINED WITH ACOUSTIC INSULATION 1" OR MORE IN THICKNESS NEED NOT BE EXTERNALLY INSULATED.

PROVIDE THE FOLLOWING DUCTWORK INSULATION TYPE AS INDICATED IN THE DUCTWORK INSULATION TABLE BELOW.

TYPE D1 OWENS CORNING RIGID VAPOUR SEAL DUCT INSULATION, JOHN MANVILLE B14 SPIN-GLAS WITH FSK FACING, MANSON SPIN-GLAS RIGID INSULATING BOARD WITH REINFORCED FOL FACING, OR HANAF RIGID INSULATION BOARD WITH FSK FACING. DENSITY SHALL BE NOT LESS THAN 3.5LB./CUFT. IMPALE ON MECHANICALLY FASTENED PINS LOCATED AT NOT GREATER THAN 12" CENTERS. SECURE WITH SPEED WASHERS. BUTT JOINTS TIGHTLY TOGETHER AND SEAL WASHERS, BREAKS AND JOINTS WITH SELF-ADHERING 4" WIDE PLAIN ALUMINUM TAPE, OR ADHERE FOL WITH CHILDERS CP82 OR BAKELITE 230-39 ADHESIVE.

TYPE D2 OWENS CORNING FLEXIBLE DUCT INSULATION, JOHN MANVILLE MICROGLITE TYPE 75 DUCT WRAP, MANSON MICROGLITE INSULATION OR KRAFT DUCT WRAP. (3/4LB./CUFT.) DENSITY WITH FACTORY APPLIED REINFORCED FOL FACING. ADHERE INSULATION TO DUCT SURFACE WITH CHILDERS CP82 OR BAKELITE 230-39 ADHESIVE, WHICH SHALL BE APPLIED IN STRIPS 6" WIDE AT NOT GREATER THAN 12" CENTERS. BUTT EDGES OF INSULATION TIGHTLY TOGETHER, AND SEAL BREAKS AND JOINTS OF FACING WITH SELF-ADHERING 4" WIDE ALUMINUM TAPE OR ADHERE FOL WITH CHILDERS CP82 OR BAKELITE 230-39 ADHESIVE.

DUTY	INSULATION TYPE	THICKNESS	VAPOUR BARRIER
PANELS BEHND UNUSED PORTION OF LOUVERES	D-1	2"	YES
FINAL 10' OF EXHAUST DUCT BEFORE EXTING BUILDING	D-1	1"	YES
EXPOSED DUCTWORK	D-1	1"	YES
DUCTWORK OUTSIDE OF BUILDING OR EXPOSED TO WEATHER	D-1	2"	YES
CONCEALED DUCTWORK UP TO TERMINAL CONTROL UNITS	D-2	1"	YES
CONCEALED DUCTWORK FROM AIR TERMINAL CONTROL UNIT DISCHARGE TO AIR TERMINALS EXCLUDING FLEXIBLE DUCTWORK.	D-2	1"	YES

CONCEALED DUCTWORK UP TO TERMINAL CONTROL UNITS

CONCEALED DUCTWORK FROM AIR TERMINAL CONTROL UNIT DISCHARGE TO AIR TERMINALS EXCLUDING FLEXIBLE DUCTWORK.

DUCTWORK OUTSIDE OF BUILDING OR EXPOSED TO WEATHER

EXPOSED DUCTWORK

FINAL 10' OF EXHAUST DUCT BEFORE EXTING BUILDING

PANELS BEHND UNUSED PORTION OF LOUVERES

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PANELS BEHND UNUSED PORTION OF LOUVERES

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CONCEALED DUCTWORK FROM AIR TERMINAL CONTROL UNIT DISCHARGE TO AIR TERMINALS EXCLUDING FLEXIBLE DUCTWORK.

DUCTWORK OUTSIDE OF BUILDING OR EXPOSED TO WEATHER

EXPOSED DUCTWORK

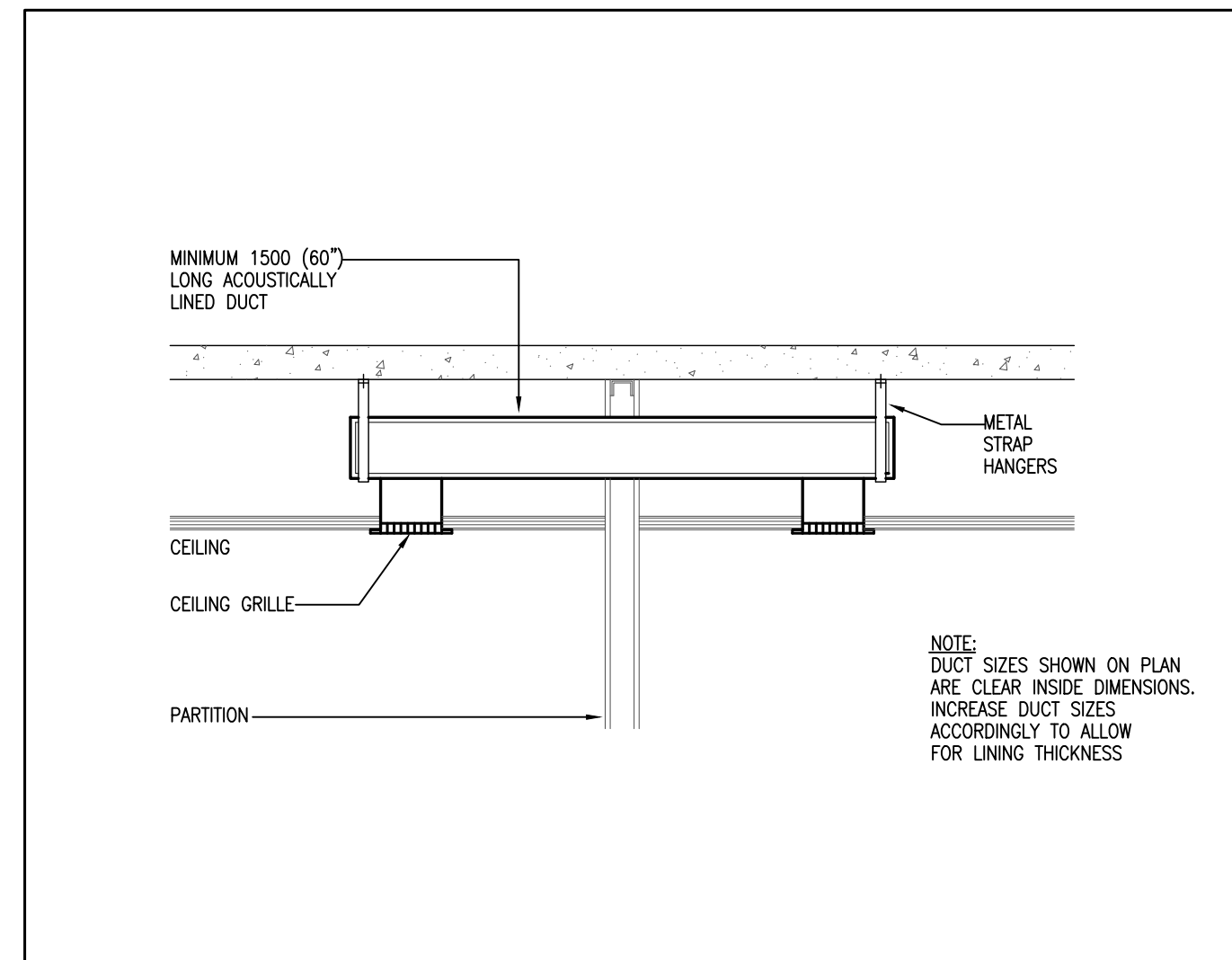
FINAL 10' OF EXHAUST DUCT BEFORE EXTING BUILDING

PANELS BEHND UNUSED PORTION OF LOUVERES

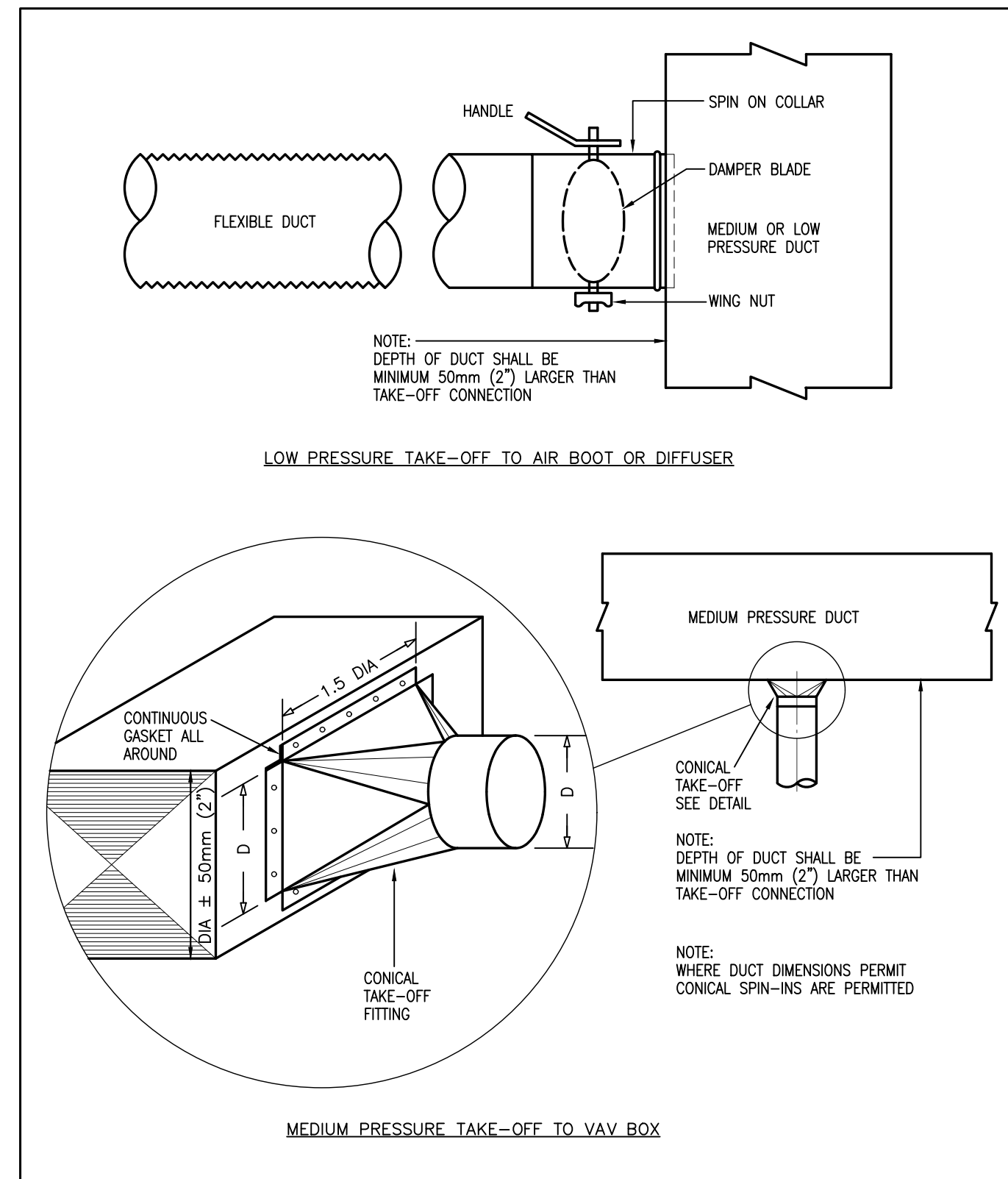
MECHANICAL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
—	EXISTING DUCTS, PIPES & EQUIPMENT TO REMAIN	○	EXISTING SPRINKLER HEAD TO REMAIN
----- R	DUCTS, PIPES & EQUIPMENT TO BE REMOVED	○ R	REMOVE OR RELOCATE EXISTING SPRINKLER HEAD
—	NEW DUCT OR PIPE	○	NEW OR RELOCATED SPRINKLER HEAD (PENDENT TYPE)
—	NEW DUCT OR EQUIPMENT	○	NEW OR RELOCATED SPRINKLER HEAD (UPRIGHT TYPE)
—	NEW FLEXIBLE DUCT	●	NEW OR RELOCATED SPRINKLER HEAD (CONCEALED TYPE)
—	NEW CAP ON EXISTING DUCT OR PIPE	▲	NEW OR RELOCATED SPRINKLER HEAD (SIDEWALL TYPE)
—	NEW CAP ON EXISTING DUCT		
—	EXISTING VAV BOX TO REMAIN		
Ⓧ	EXISTING THERMOSTAT		
Ⓧ R	REMOVE OR RE-USE WHERE SHOWN AS NEW		
Ⓧ	NEW THERMOSTAT		
Ⓧ	FAN SWITCH		
Ⓧ	SUPPLY AIR DIFFUSER		
Ⓧ	RETURN AIR GRILLE		
Ⓧ	DIFF NECK SIZE DIFF TYPE		
Ⓧ	SUPPLY AIR L/S		
Ⓧ	GRILLE OR REGISTER SIZE TYPE		
Ⓧ	SUPPLY AIR CFM		
Ⓧ	GRILLE OR REGISTER SIZE TYPE		
Ⓧ	EXHAUST OR RETURN AIR CFM		
Ⓧ	GRILLE OR REGISTER SIZE TYPE		
Ⓧ	SUPPLY AIR CFM		
Ⓧ	GRILLE OR REGISTER SIZE TYPE		
Ⓧ	EXHAUST OR RETURN AIR CFM		

DRAWING SCHEDULE	
DWG NO	DRAWING TITLE
M-100	MECHANICAL LEGEND, SPECIFICATIONS, SCHEDULES, DETAILS, & DRAWING LIST
M-200	MECHANICAL - DEMO/NEW

AIR TERMINAL SCHEDULE						
TAG	SIZE	MANUFACTURER	TYPE	DESCRIPTION	FINISH	OPTIONS/ ACCESSORIES
A	REFER TO PLANS	EH PRICE	50D	SQUARE CONE DIFFUSER	B12	
B	REFER TO PLANS	EH PRICE	80	EGGGRATE RETURN AIR GRILLE	B12	CEILING MODULE FOR T-BAR MOUNTING
C	REFER TO PLANS	EH PRICE	610Z	ALUMINUM LOUVERED RETURN	REFER TO ARCHITECT	ØR DEFLECTION, 5/4" IN. BLADE SPACING



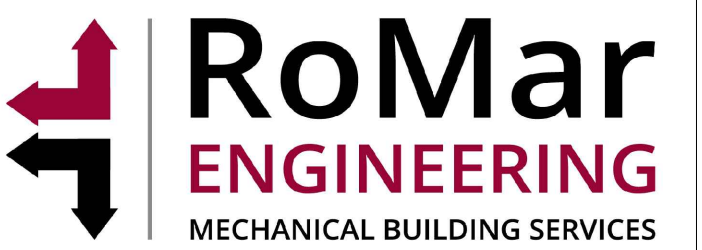
1 TRANSFER AIR DUCT
M-100 NTS



2 DUCT TAKE-OFF
M-100 NTS

CLIENT:

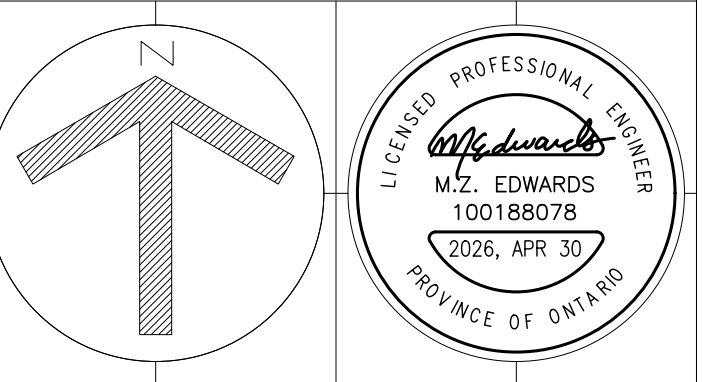
City Of Oshawa



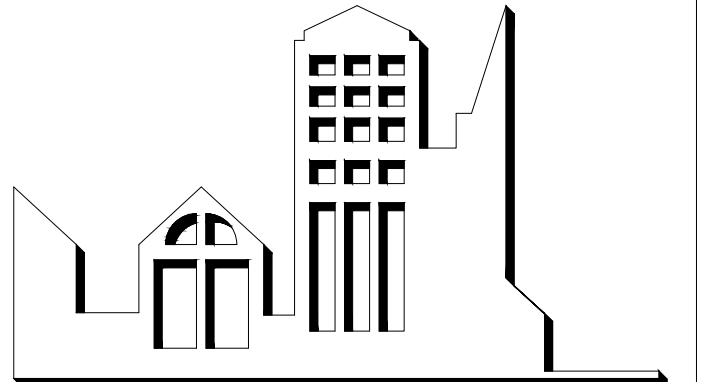
02	IF PERMIT & TENDER	ME	04/30/26.
01	IF COORDINATION	ME	03/10/26.
No.	DESCRIPTION	BY:	DATE.

REVISIONS

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JR. FREETHY ARCHITECT



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L1C 4P8 Tel: (905) 623-7476

PROJECT:

Oshawa Airport MLES Office Alterations

1200 Airport Blvd, Oshawa, ON L1J 8P5

SCALE:	AS SHOWN
DWG. BY:	GPC
CHECKED BY:	ME
STATUS:	
PLOT FACTOR:	1:1

TITLE:

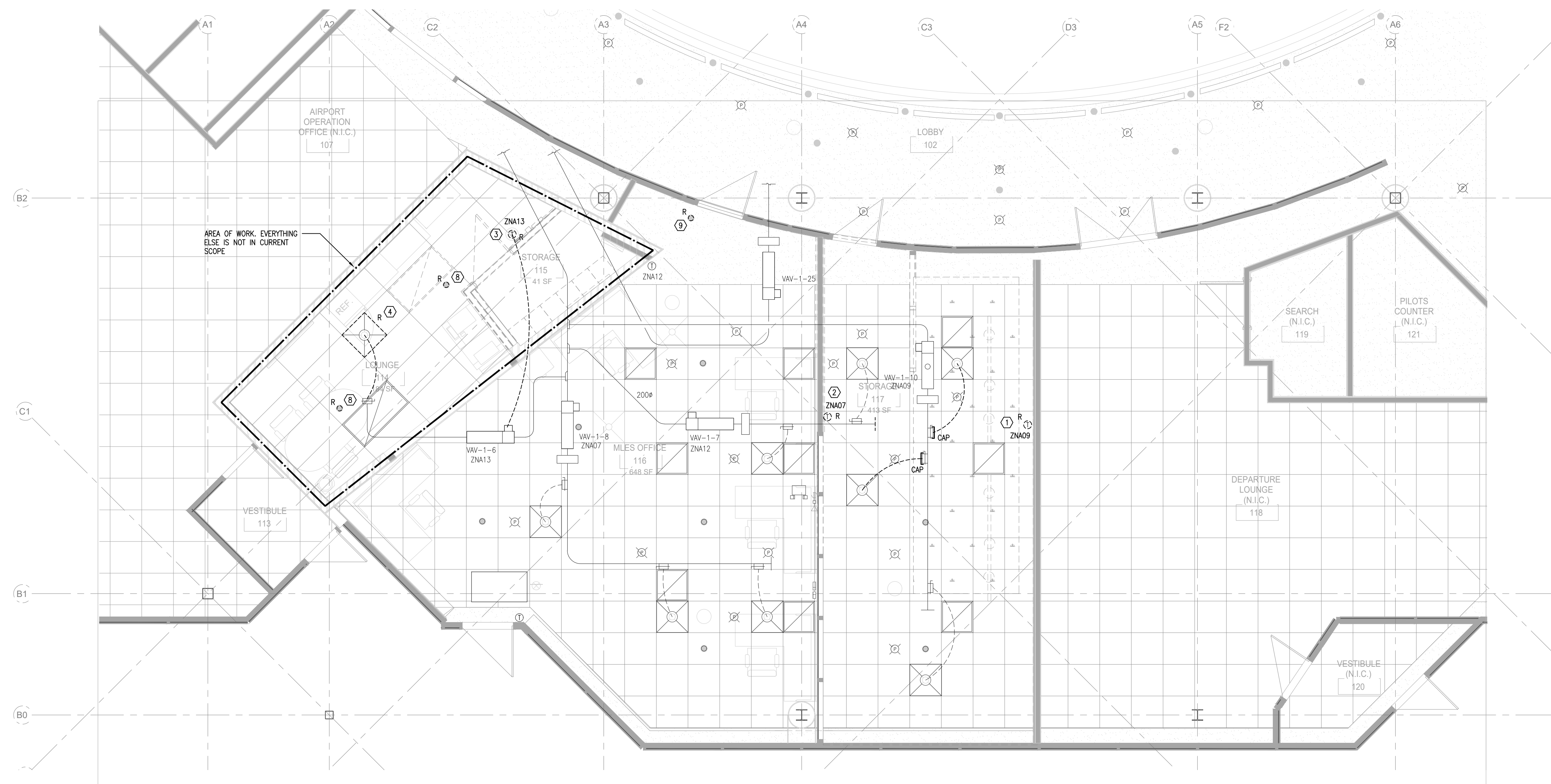
MECHANICAL LEGEND, SPECIFICATIONS, SCHEDULES, DETAILS & DRAWING LIST

PROJECT No.:

25-15

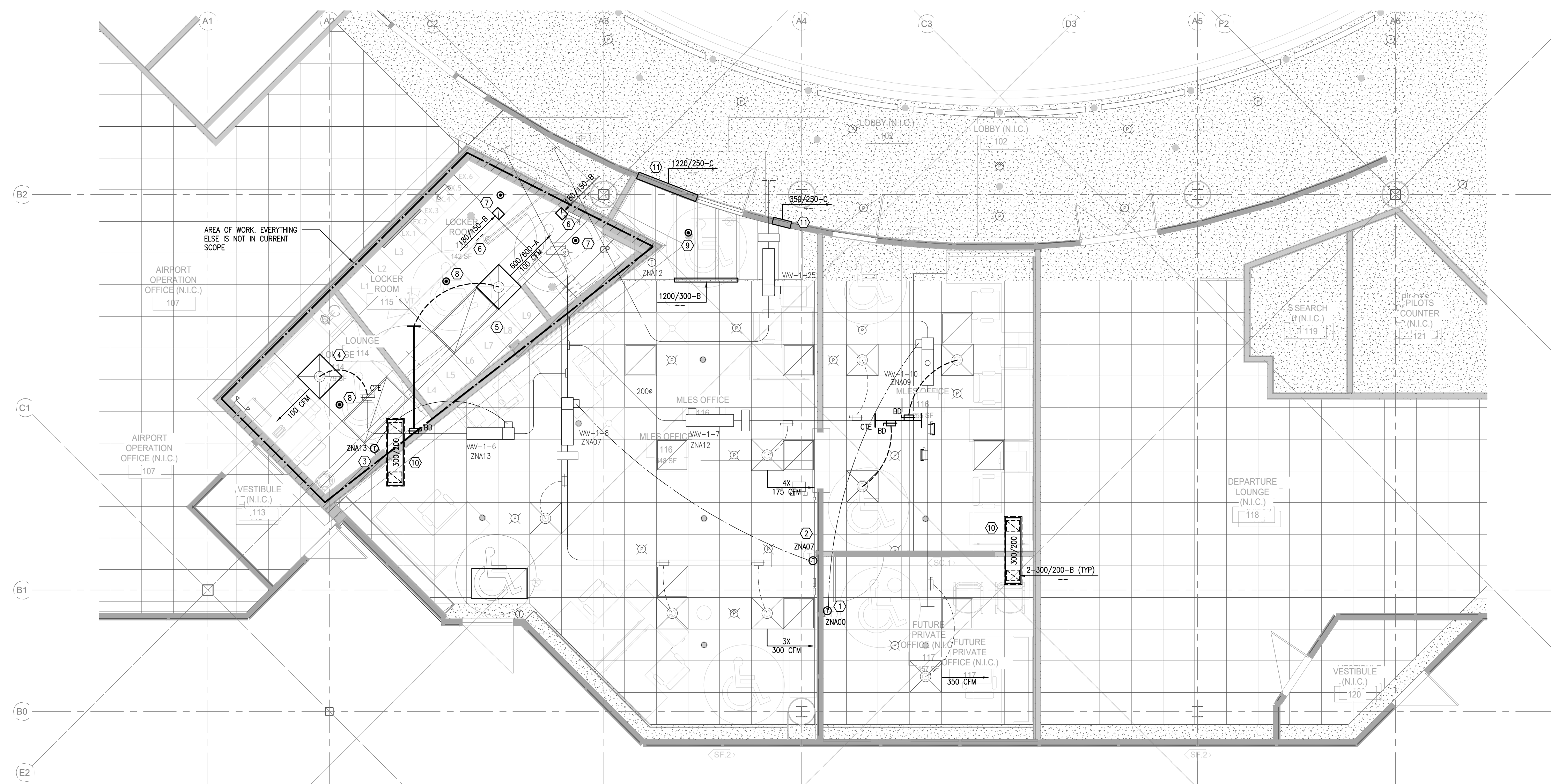
DWG. No.:

M-100



1 MECHANICAL - DEMO
M-200 SCALE: 1:50

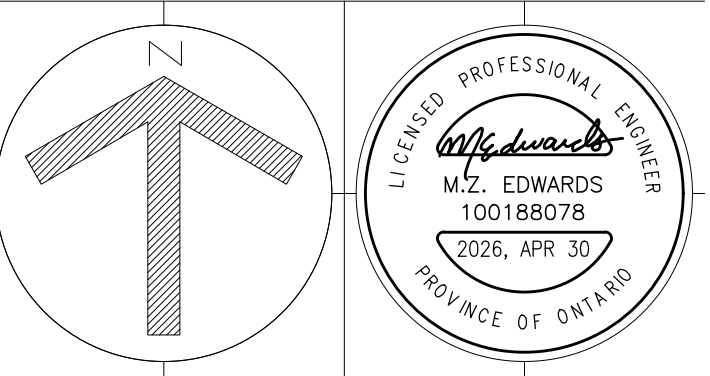
- GENERAL NOTES:**
REBALANCE AIRFLOW AS SHOWN ON DRAWING.
- KEYED NOTES:**
- 1 RELOCATE ZNA09 THERMOSTAT AS SHOWN.
 - 2 RELOCATE ZNA07 THERMOSTAT AS SHOWN.
 - 3 RELOCATE ZNA13 THERMOSTAT AS SHOWN.
 - 4 RELOCATE AND REBALANCE EXISTING DIFFUSER AS SHOWN.
 - 5 ADD NEW DIFFUSER AND BALANCE AS SHOWN.
 - 6 ADD RETURN AIR GRILLE THROUGHOUT AS SHOWN WITH SIZES NOTED ON DRAWINGS.
 - 7 ADD SPRINKLER AS SHOWN, LIGHT HAZARD, MATCH EXISTING ON SITE.
 - 8 EXISTING SPRINKLERS TO BE REPLACED WITH CONCEALED SPRINKLER HEADS AS NOTED.
 - 9 RELOCATE EXISTING SPRINKLER HEAD INTO NEW BULKHEAD.
 - 10 PROVIDE TRANSFER AIR DUCT IN CEILING SPACE ABOVE COMPLETE WITH TYPE B RETURN AIR GRILLE ON BOTH SIDES IN 1" DIA. DUCT TO BE 10" x 8". REFER TO DETAIL 1/M-100.
 - 11 TRANSFER AIR GRILLE TO BE INSTALLED ON SF-10 AND SF-6 ALUMINUM PANEL AREAS (REFER TO ARCH DWG'S). CONTRACTOR TO CONFIRM SPECIFIED SIZE WILL FIT WITHIN ARCH SPACES PRIOR TO ORDERING.



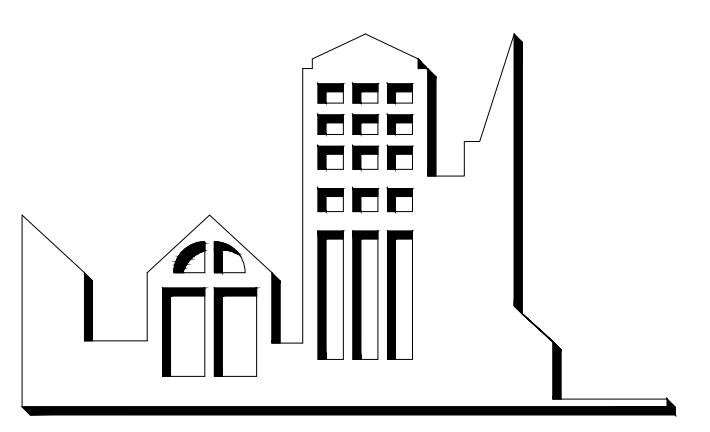
2 MECHANICAL - NEW
M-200 SCALE: 1:50

No.	DESCRIPTION	BY	DATE
02	IF PERMIT & TENDER	ME	04/30/26.
01	IF COORDINATION	ME	03/10/26.

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PROJECT:

Oshawa Airport MLES Office Alterations

1200 Airport Blvd, Oshawa, ON L1J 8P5

SCALE: AS SHOWN
DWG. BY: GPC
CHECKED BY: ME
STATUS:
PLOT FACTOR: 1:1

TITLE:
HVAC - DEMO/NEW

PROJECT No.: 25-15
DWG. No.: M-200