



Blld Date: Mar 12, 2024, 3:11pm By: stranagahan  
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AIR CONDITIONING UNIT SCHEDULE

UNIT NO.	LOCATION	MANUFACTURER	MODEL NO.	SENS COOLING CAPACITY		TOTAL COOLING CAPACITY		REFRIG.	SEER OR IEER	NATURAL GAS HEATING CAP.				FAN				ELECTRICAL				OPERATING WEIGHT		REMARKS		
				KW	MBH	KW	MBH			INPUT		OUTPUT		AIR FLOW		BHP	R.P.M.	EXT. SP		VOLTS	PH				MCA	MOCP
										KW	MBH	KW	MBH	L/S	CFM			Pa	INCH			KG	LBS			
A/C-1	ROOF	CARRIER	486CEJ06A2A1-3A0A0	13.8	47.06	18.6	63.3	410A	16.5	32.2 24	110 82	25.8 19	88 65	944	2000	-	-	149	0.6	575	3	13	15	313	690	2 STAGE COOLING, 2 STAGE HEAT, DIRECT DRIVE, ECO BLUE C/W ELECTROMECHANICAL CONTROLS, ECONOMIZER WITH BAROMETRIC RELIEF , 24" ROOF CURB - W/PI PROGRAMMABLE T DAY THERMOSTAT  NOTE: PROVIDE ALTERNATE PRICE TO PROVIDE EACH UNIT WITH FACTORY INSTALLED "HUMIDI- MIZER" ADAPTIVE DEHUMIDIFICATION SYSTEM OPTION
A/C-2	ROOF	CARRIER	486CEJ06A2A1-3A0A0	13.8	47.06	18.6	63.3	410A	16.5	32.2 24	110 82	25.8 19	88 65	944	2000	-	-	149	0.6	575	3	13	15	313	690	
A/C-3	ROOF	CARRIER	486CEJ06A2A1-3A0A0	13.8	47.06	18.6	63.3	410A	16.5	32.2 24	110 82	25.8 19	88 65	944	2000	-	-	149	0.6	575	3	13	15	313	690	
A/C-4	ROOF	CARRIER	486CEJ06A2A1-3A0A0	13.8	47.06	18.6	63.3	410A	16.5	32.2 24	110 82	25.8 19	88 65	944	2000	-	-	149	0.6	575	3	13	15	313	690	

GENERAL SPECIFICATION

- PROVIDE ALL EQUIPMENT, MATERIALS, LABOUR AND SERVICES ETC. NECESSARY TO COMPLETE THE WORK. ALL MATERIALS AND EQUIPMENT USED ARE TO BE NEW AND ARE TO HAVE C.S.A. APPROVAL. MATERIALS AND EQUIPMENT ARE SPECIFIED BY NAME TO ESTABLISH A STANDARD OF QUALITY AND WORKMANSHIP. USE ONLY SPECIFIED EQUIPMENT OR ALTERNATES NOTED.
- VISIT AND EXAMINE THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AFFECTING THE WORK, PRIOR TO SUBMITTING TENDER. NO ALLOWANCES IN COST WILL BE MADE BY THE OWNER FOR ANY DIFFICULTIES ENCOUNTERED IN THE WORK ARISING OUT OF CONDITIONS EXISTING AT THE TIME OF TENDERING.
- OBEY ALL APPLICABLE CODES AND REGULATIONS OF ALL GOVERNING AUTHORITIES HAVING JURISDICTION OVER THE WORK.
- WHERE THE SUPPLY OF AN ITEM IS SPECIFIED GENERALLY ONLY WITHOUT EXTENSIVE DETAIL, THIS IMPLIES THE ITEM AND/OR WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE GOVERNING AUTHORITY AND/OR MANUFACTURER'S RECOMMENDATIONS.
- CONFORM TO THE BEST PRACTICES APPLICABLE TO THIS TYPE OF WORK. INSTALL ALL EQUIPMENT AND SYSTEMS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION BUT CONSISTENT WITH THE GENERAL REQUIREMENTS OF THIS SPECIFICATION.
- ARRANGE AND PAY FOR ALL PERMITS, INSPECTION FEES, CERTIFICATES, ETC. CONNECTED WITH THE WORK.
- OBTAIN FROM THE CONSULTANT TWO EXTRA SETS OF WHITE PRINTS ON WHICH TO NOTE AND CLEARLY MARK ANY APPROVED DEVIATIONS FROM THE WORK SHOWN ON THE PLANS AS THE JOB PROGRESSES. THESE SETS OF PRINTS SHALL BE KEPT UP TO DATA AND RETURNED TO THE OWNER FOR RECORD PURPOSES AT THE COMPLETION OF THE JOB.
- PERFORM ALL TESTS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION, SUPPLYING THEREFORE ALL NECESSARY EQUIPMENT AND LABOUR.
- GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR. IT SHALL BE UNDERSTOOD THAT IF ANY DEFECTS BECOME EVIDENT WITHIN THE GUARANTEE PERIOD, ALL NECESSARY REPAIRS AND REPLACEMENTS TO THE WORK SHALL BE MADE WITHOUT COST TO THE OWNER. ALSO PAY FOR MAKING GOOD ANY OTHER WORK DAMAGED THROUGH DEFECTS IN THE WORK OF THIS CONTRACT DURING BOTH CONSTRUCTION AND GUARANTEE PERIODS.
- PROVIDE HANGERS FOR ALL PIPES AND DUCTS AND AVOID ANY DIRECT CONTACT OF DISSIMILAR METALS. SPACE HANGERS TO PREVENT SAGGING OR LOADING JOINTS.
- HANGERS SHALL ONLY BE SUSPENDED FROM STRUCTURAL BEARINGS SUCH AS STEEL BEAMS OR TOP CHORD OF JOISTS. WHERE SUCH BEARINGS DO NOT EXISTS, USE NECESSARY BRIDGING STEEL.
- PROVIDE SUPPORTS FOR EQUIPMENT INSTALLED IN THIS CONTRACT, INCLUDING HANSER RODS AND SPRING VIBRATION ISOLATORS.
- PROVIDE MOTORS AND DRIVES FOR ALL POWERED EQUIPMENT OF CANADIAN MAKE AND LOCALLY SERVICEABLE MANUFACTURE.
- SUBMIT 1 ELECTRONIC (PDF) COPY OF SHOP DRAWINGS OF EACH PIECE OF MANUFACTURED EQUIPMENT TO CONSULTANT FOR REVIEW.
- RUN IN ADJUST AND BALANCE THE SYSTEMS FOR PROPER OPERATION.
- ALL EQUIPMENT, PIPING, DUCTWORK, ETC. IS NEW UNLESS NOTED AS BEING EXISTING.
- VERIFY EXACT LOCATION AND ELEVATION OF ALL EXISTING SERVICES PRIOR TO COMMENCING ANY WORK.
- MAINTAIN ALL NECESSARY INSURANCE TO PROTECT THE OWNER AND ALL TRADES FROM ALL POSSIBLE CLAIMS DURING THE CONSTRUCTION PERIOD.
- DO ALL NECESSARY REQUIRED CUTTING AND PATCHING AS MAY BE REQUIRED TO PERFORM THE WORKS OF THIS CONTRACT. CUTTINGS SHALL BE KEPT TO A MINIMUM, AND SHALL BE PERFORMED WITH CLEAN CUT STRAIGHT EDGES. PATCHINGS SHALL BE NEAT AND CLEAN AND RESTORE TO ORIGINAL FINISH CONDITIONS USING SIMILAR TYPES TO MATERIALS. USE ONLY TRADES PERSONNEL SKILLED IN THE VARIOUS TYPES OF WORK REQUIRED (ie. MASONS, ROOFERS, ETC.).
- UPON COMPLETION, REMOVE ALL WASTES, MATERIAL, ETC. AND LEAVE SITE IN CLEAN CONDITION.
- AT PROJECT COMPLETION AND PRIOR TO FINAL INSPECTION DELIVER TO THE CONSULTANT THREE (3) COMPLETE SETS OF OPERATION AND MAINTENANCE DATA FOR ALL EQUIPMENT SUPPLIED. SUBMIT THREE (3) VINYL HARD COVERED LOOSE LEAF BINDERS, INFORMATION REQUIRED IN THESE MANUALS IS DATA PERTAINING TO EFFICIENT OPERATING AND MAINTAINING OF EQUIPMENT, INCLUDING EQUIPMENT INSTALLATION INSTRUCTIONS SUPPLIED BY MANUFACTURER, INCLUDE FINAL REVIEWED SHOP DRAWINGS THAT HAVE BEEN SUBMITTED. COMPLETED SUBMISSION MUST BE INDEXED AND DIVIDED BETWEEN INDIVIDUAL COMPONENTS.
- PROVIDE & PAY FOR SERVICES OF FULLY EXPERIENCED TECHNICIAN TO INSTRUCT PERSONNEL DESIGNATED BY THE OWNER IN THE PROPER OPERATION AND MAINTENANCE OF ALL EQUIPMENT INSTALLED UNDER THIS CONTRACT INCLUDING CONTROLS, THERMOSTATS ETC.

STORM DRAINAGE

- STORM DRAINAGE AND R/L PIPING ABOVE FLOOR SHALL BE PVC DWV CERTIFIED TO CSAB181Z. NO NON APPROVED PVC TO BE LOCATED IN RETURN AIR CEILING SPACE.
- STORM DRAINAGE AND R/L PIPING IN PLENUM SPACE SHALL BE CERTIFIED TO CSA B181.2 AND TESTED AND LISTED IN ACCORDANCE WITH CANULC S102.2 AND CLEARLY MARKED WITH CERTIFICATION LOGO INDICATING FLAME SPREAD RATING NOT MORE THAN 25 AND SMOKE-DEVELOPED CLASSIFICATION NOT EXCEEDING 50. PIPING EQUAL TO IPFX SYSTEM XFR 15-50 DWV.

ROOF DRAINS

- ROOF DRAIN IN ROOF SHALL BE 200mm (8") DIA. CAST IRON BODY, COMBINATION MEMBRANE FLASHING CLAMP, GRAVEL GUARD AND CAST DOME, UNDERDECK CLAMP. EQUALS: MATTS, J.R. SMITH, ZURN.

INSULATION

- COVER ALL ABOVE FINISHED FLOOR HORIZONTAL STORM PIPING WITH 25mm (1") THICK JOHNS MANVILLE MICROLOK® GLASS FIBRE DUAL TEMPERATURE INSULATION WITH FACTORY APPLIED FIRE RESISTANT GLASS FIBRE REINFORCED KRAFT PAPER AND ALUMINUM FOIL VAPOUR BARRIER AND ALL SERVICE JACKET. USE PRESSURE SENSITIVE LAP SEALING SYSTEM. INSTALL INSULATION AS PER MANUFACTURERS RECOMMENDATIONS
- ALL EXPOSED INSULATIONS SHALL BE COVERED WITH WHITE PVC INSULATED FITTING COVERS AND JACKETS SYSTEM EQUAL TO JOHNS MANVILLE ZESTON 2000. INSTALL AS PER MANUFACTURERS RECOMMENDATIONS

GAS PIPING

- INSTALL GAS PIPING IN ACCORDANCE WITH LATEST EDITION OF CAN/CSA B149.1-00 NATURAL GAS & PROPANE INSTALLATION CODE INCLUDING LATEST AMENDMENTS AND LOCAL AUTHORITY HAVING JURISDICTION.
- PROVIDE COMPLETE DISTRIBUTION SYSTEM AS SHOWN ON DRAWINGS AND CONNECT TO ALL GAS APPLIANCES. PROVIDE UNION SYSTEM & SHUT OFF VALVES AT ISOLATION POINTS, AS INDICATED AND AT GAS APPLIANCES.
- TEST PIPING BEFORE APPLIANCES ARE CONNECTED AS REQUIRED BY THE GAS AUTHORITY.
- IDENTIFY PIPING AS PER CODE.
- GAS PIPE ON ROOF SHALL BE SUPPORTED BY PRE MANUFACTURED BLOCKING SYSTEM EQUAL TO A BETTER IDEA INC. "QUICK BLOCK" POLYPROPYLENE SUPPORT SHELL AND TYPE 3 20 PSI EXTRUDED POLYSTYRENE NON MARRING BASE.
- VENTING FOR DIRECT VENT APPLIANCES SHALL CONFORM TO CSA 149.1 AND ULC 5636 NATURAL GAS AND PROPANE INSTALLATION CODE. PIPING TO BE EQUAL TO IPFX SYSTEM 636.

DUCTWORK AND ACCESSORIES

- UNLESS NOTED OTHERWISE CONSTRUCT LOW PRESSURE RECTANGULAR DUCTWORK OF LOCK FORMING PRIME QUALITY GALVANIZED SHEET STEEL WITH ZINC COATINGS ASTM 525M-20. GUARANTEED TO BEND 180° AND FLATTEN WITHOUT FRACTURE OF GALVANIZATION OR METAL. ENSURE DUCT MATERIAL IS FREE FROM BUSTERS, FITS AND IMPERFECTLY COATED SPOTS, AND IS IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS FOR DUCT DESIGN AND METAL GAUGES.

CONSTRUCT DUCTS IN ACCORDANCE WITH FOLLOWING:

LOW PRESSURE

- | MAX. DUCT DIMENSION          | U.S. GAUGE |
|------------------------------|------------|
| UP TO 600mm (12")            | 26         |
| 925mm (36") TO 1300mm (50")  | 24         |
| 1750mm (69") TO 1950mm (76") | 22         |
- CONSTRUCT ROUND GALVANIZED DUCTWORK USING SAME MATERIAL AS RECTANGULAR DUCTWORK EXCEPT DUCT TO BE ROUNDED HELICOIDALLY TO VARIOUS DIAMETERS REQUIRED, WITH FOUR PLY LOCKSEAM TIGHTLY CLOSED TO PROVIDE A SMOOTH INTERIOR. PROVIDE FITTINGS FOR ROUND DUCTWORK DIE STAMPED, SEAM WELDED, CALIBRATED AND NOT DIPPED GALVANIZED TYPE, NO JOBS MADE FITTINGS WILL BE PERMITTED. CONSTRUCT ROUND DUCTS IN ACCORDANCE WITH FOLLOWING:  
  
200mm (4") TO 400mm (8") DIAMETER - 26 GAUGE  
225mm (4") TO 600mm (24") DIAMETER - 24 GAUGE
  - CONSTRUCT MANUAL BALANCING DAMPERS OF 18 GAUGE GALVANIZED STEEL WITH 4" WIDE OPPOSED BLADES WITH 3/8" DIAMETER TIE BARS AND DURO DYNE UNKLD QUADRANT SET WITH HEAVY GAUGE INDICATING QUADRANT, LEVER ARM AND WING TYPE LOCKING NUT.
  - INSTRUMENT TEST PORTS SHALL BE DURO DYNE MODEL IP-4 18mm (3/4") DIAMETER WITH NEOPRENE GASKETS, SCREW IN CAP AND MOUNTED WITH 2 SCREWS.
  - ACOUSTIC INSULATION FOR DUCTWORK SHALL BE JOHNS MANVILLE PERMACOTE LINACOUSTIC, 245mm (1") THICK INTERNAL ACOUSTIC INSULATION RIGID COATED DUCT LINER, INSTALL AS RECOMMENDED BY MANUFACTURER.
  - FIRE DAMPERS IN THE HORIZONTAL & VERTICAL DUCTS SHALL BE EQUAL TO RUSKIN D18D20 TYPE "B" (DYNAMIC SYSTEMS). FIRE DAMPER SHALL BE CONSTRUCTED AND TESTED IN ACCORDANCE WITH UL SAFETY STANDARD 555. DAMPER SHALL HAVE 1 1/2 HOUR FIRE RATING, 212 ° F FUSIBLE LINK AND INCLUDE UL LABELS.
  - FLEXIBLE THERMAL INSULATION FOR DUCTWORK SHALL BE EQUAL TO JOHNS MANVILLE MICROLITE FIBRE GLASS DUCT WRAP WITH FOIL, SCRIM, KRAFT FACING.  
  
-APPLY 1 1/2" THICKNESS TO:  
- ALL MECHANICAL DUCTS UNCONDITIONED SPACES ( UNLESS ACOUSTICALLY LINED)  
- ALL EXHAUST DUCT FROM ROOF/WALL DOWN TO 10'-0" OR TILL FAN)
  - RIGID BOARD THERMAL INSULATION FOR DUCTWORK SHALL BE EQUAL TO JOHNS MANVILLE 800 SERIES SPIN GLASS DUCT AND EQUIPMENT INSULATION WITH ALL-PURPOSE JACKET  
  
-APPLY 4" THICKNESS TO:  
- ALL DUCTS EXPOSED TO EXTERIOR  
- ALL SUPPLY AND EXHAUST PLENUMS - FROM OUTSIDE TO FAN
  - ON ALL WEATHER PROOF DUCT MEMBRANE SHALL BE EQUAL TO BAKOR "FOILSKIN" SELF ADHERING DUCT AND PIPE MEMBRANE CONSISTING OF 555 RUBBERIZED ASPHALT COMPOUND INTEGRALLY LAMINATED TO A GLASS SCRIM REINFORCED ALUMINUM FOIL  
  
-APPLY TO:  
- ALL EXTERIOR DUCTS

INSTALLATION OF DUCTWORK AND ACCESSORIES

- PROVIDE COMPLETE SYSTEM OF DUCTWORK, DAMPERS, GRILLES, AND REGISTERS, ETC. REQUIRED FOR COMPLETE AIR HANDLING SYSTEMS.
- DETAILS OF CONSTRUCTION AND MATERIALS NOT SPECIFIED HEREIN MUST CONFORM TO RECOMMENDATIONS OF ASHRAE HANDBOOK, AND SMACNA STANDARDS (LATEST EDITION).
- PRIOR TO ORDERING OR FABRICATING DUCTS, CHECK EXACT SIZES OF OPENINGS AND LOCATIONS FOR ALL DUCTS.
- PROVIDE ELBOWS WITH MINIMUM CENTER LINE RADIUS OF 1 1/2 TIMES DUCT WIDTH. WHERE THIS IS NOT POSSIBLE FIT ELBOWS WITH DOUBLE THICKNESS TURNING VANES. SHORT RADIUS ELBOWS ARE NOT ACCEPTABLE.
- EXPOSED ANGLES MUST BE CLEANED AND PAINTED WITH ONE COAT OF RUST RESISTANT PAINT PRIOR TO INSTALLATION.
- RECTANGULAR DUCTS OVER 450mm (18") WIDE MUST HAVE CROSS BREAKS ON FLAT SECTIONS BETWEEN JOINTS OR JOINTS AND REINFORCING.
- PATTERN LONGITUDINAL SEAM JOINT AFTER PITTSBURGH OR LOCK-GROOVE TYPE LOCK.
- TRANSVERSE JOINTS IN ROUND DUCTS MUST BE GRIMPED AND BEADED SLIP JOINT. TRANSVERSE JOINTS MAY BE CONSIDERED AS REINFORCING.

- INSTALL TRANSVERSE JOINTS WITH THE FOLLOWING MINIMUM CHARACTERISTICS:

MAX. DUCT DIMENSION	TYPE OF JOINT AND MAX. SPACING	REINFORCING REQUIRED AND MAX. SPACING
UP TO 600mm (12")	DRIVE OR FLAT SLIP AT 2400mm (96")	NONE
925mm (36") TO 600mm (24")	25mm (1") STANDING S, BAR OR POCKET ANGLE LOCK AT 2400mm (96")	1" X 1" X 1" AT 1200mm (48")
625mm (25") TO 1200mm (48")	38mm (1 1/2") STANDING ANGLE BAR OR POCKET LOCK AT 2400mm (96")	1 1/2" X 1 1/2" X 1/8" AT 1200mm (48")

- USE STRAP HANGERS FOR DUCT SUPPORT.

- UNLESS NOTED OR DETAILED OTHERWISE SUPPORT HORIZONTAL DUCTS AS FOLLOWS:

MAX. DUCT WIDTH OR HEIGHT	MAX. CENTER DISTANCE	TYPE OF SUPPORT
UP TO 600mm (12")	1800mm (12")	TRAPEZE FORMED BY ANGLE 25x25x3mm, 6mm THREADED ROD WITH WASHERS AND LOCKNUTS
925mm (36") TO 600mm (24")	1200mm (48")	TRAPEZE FORMED BY ANGLE 40x40x3mm, 13mm THREADED ROD WITH WASHERS AND LOCKNUTS
625mm (25") TO 1200mm (48")	1200mm (48")	AS ABOVE

UNLESS NOTED OTHERWISE SUPPORT ROUND DUCTS AS FOLLOWS:

DUCT DIAMETER	MAX. CENTER DISTANCE	TYPE OF SUPPORT
UP TO 450mm (18")	AS PER MANUFACTURER	"GRIPPLE" WIRE HANGING SYSTEM

- DO NOT HANG DUCTS FROM ROOF DECK.

- ALL DUCT JOINTS (TRAVERSE) SHALL BE GLASS "G" AND SEALED WITH APPROVED DUCT SEALANT ON EXTERIOR.

- INSTALL FIRE DAMPERS TO SUIT NFPA-90A STANDARD AND MANUFACTURERS INSTRUCTIONS WITH FRAME RIGIDLY SECURED TO WALLS AND OR FLOORS. PROVIDE STEEL SLEEVES, ANGLES, & ALL REQUIRED MATERIALS TO SUIT UL TESTING. PROVIDE BREAKAWAY JOINT AT DUCTS

INSTALLATION OF AIR HANDLING EQUIPMENT

- INSTALL AIR HANDLING EQUIPMENT, COMPLETE WITH MOTORS, BELT DRIVES, GUARDS, VIBRATION ISOLATORS ETC., AS DESCRIBED AND SHOWN ON DRAWINGS. SET EQUIPMENT PLUMB, LEVEL, AND ARRANGE FOR MAXIMUM SERVICEABILITY.
- FOR ROOF MOUNTED EQUIPMENT PROVIDE PREFABRICATED ROOF CURBS, PROVIDE GENERAL CONTRACTOR WITH EXACT LOCATION AND DIMENSIONS REQUIRED FOR CURBS
- AT INLET AND OUTLET OF EACH PIECE OF AIR HANDLING EQUIPMENT, PROVIDE FLEXIBLE CONNECTIONS, WHERE CONNECTIONS ARE EXPOSED TO OUTSIDE BUILDING , PROVIDE WEATHERPROOF FLEXIBLE CONNECTIONS.
- PROVIDE NECESSARY STRUCTURAL STEEL MEMBERS, RODS, BRACKETS, BOLTS, NUTS ETC TO SUPPORT AIR HANDLING EQUIPMENT

CONTROLS

- THE CONTRACTOR IS TO INCLUDE ALL MECHANICAL SYSTEM CONTROLS CALLED FOR OR IMPLIED BY THE DRAWINGS AND SPECIFICATIONS, TOGETHER WITH ALL NECESSARY INCIDENTALS WHETHER REFERRED TO OR NOT TO ALLOW ALL SYSTEMS TO FUNCTION COMPLETELY TO THE FULL INTENT OF THE DRAWINGS AND SPECIFICATIONS
- LOW VOLTAGE WIRING (< 50 VOLTS) TO BE BY MECHANICAL CONTRACTOR
- LOW VOLTAGE WIRING TO BE SUITABLE FOR THE USE IN THE RETURN AIR PLENUM (PLENUM RATED LOW VOLTAGE WIRE)
- WIRING IN THE MECHANICAL ROOM, SERVICE ROOMS AND ANY OTHER AREAS WHERE WIRING IS EXPOSED TO VIEW SHALL RUN IN EMT CONDUIT.

LEGEND

SYMBOL	DESCRIPTION
— G —	NATURAL GAS PIPING
⊠	SUPPLY DIFFUSER
⊠	RETURN OR EXHAUST GRILLE
⊠	SIDEWALL SUPPLY OR RETURN GRILLE
⊠	10"x8" TRANSFER SHEET METAL SLEVE IN WALL ABOVE CEILING ( 2" WIDER THAT WALL THICKNESS)
⊠	RETURN OR EXHAUST DUCT DOWN OR AWAY
⊠	SUPPLY DUCT DOWN OR AWAY
⊠	SUPPLY DUCT UP OR TOWARDS
⊠	RETURN OR EXHAUST UP OR TOWARDS

GENERAL NOTES


- ALL DUCTWORK, PIPING & EQUIPMENT IS NEW UNLESS NOTED AS BEING EXISTING
- VISIT AND EXAMINE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AFFECTING WORK. NO ALLOWANCES WILL BE MADE BY THE OWNER FOR DIFFICULTIES ENCOUNTERED IN THE WORK ARISING OUT OF CONDITIONS EXISTING AT THE TIME OF TENDERING.
- CONDITIONS SHOWN ON PLANS ARE RELATIVE TO THE WORK TO BE PERFORMED. DRAWINGS ARE BASED ON THE BEST INFORMATION AVAILABLE BUT ARE SUBJECT TO VERIFICATION. VERIFY EXACT LOCATION AND ELEVATION OF ALL SERVICES PRIOR TO COMMENCING ANY WORK. FAILURE TO PERFORM SUCH VERIFICATIONS WHICH CAUSE DEFICIENCIES SHALL BE CORRECTED AT NO EXPENSE TO OWNER
- CO-ORDINATE INSTALLATION OF DUCTWORK, PIPING, EQUIPMENT ETC. WITH ARCHITECTURAL, STRUCTURAL, ELECTRICAL & FIRE PROTECTION TRADES PRIOR TO INSTALLATION


0	ISSUED FOR TENDER/PERMIT	MAR12/24	SHS
NO.	DESCRIPTION	DATE	BY

ISSUES



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A DIVISION OF OTONABEE TECHNICAL SERVICES LTD.

294 Rink Street  
P.O. BOX 1841  
Peterborough, Ont.  
K9J 7J7

Phone: (705) 745-5530  
Fax: (705) 745-7466  
Email: info@otsengineering.com

PROJECT

**KAWARTHA LAKES  
PUBLIC LIBRARY  
ROOF & HVAC UNIT REPLACEMENT**

**19 MARKET STREET  
FENELON FALLS**

TITLE

**SPECIFICATIONS  
- MECHANICAL**

SCALE	AS NOTED	DWG NO.
DRAWN	S. STRANAGHAN	<b>M2</b>
DESIGNED	S. STRANAGHAN	
CHECKED	REB	
PROJECT	23025	
		REV. 0 JAN 2024 CADD FILE NO. 23025M02