

FAN SCHEDULE								
TAG	MANUFACTURER	MODEL	TYPE	AIR FLOW CFM	SP in.	MOTOR		NOTES
						VIC/P	NEC FLA (amps)	
F-1	GREENHECK	SP-110-VG	CEILING MOUNT	80	0.4	115/60/1	0.2	WASHROOM EXHAUST FAN
F-2	GREENHECK	SP-110-VG	CEILING MOUNT	80	0.4	115/60/1	0.2	WASHROOM EXHAUST FAN
F-3	GREENHECK	SP-A390-VG	CEILING MOUNT	200	0.4	115/60/1	1.5	NETWORK ROOM CIRCULATION FAN

1 APPROVED EQUAL PRODUCTS: PENN. COOK

MINI MAKE UP AIR SCHEDULE						
TAG	MANUFACTURER	MODEL	AIR FLOW (CFM)	SP (in)	MAX (kW)	REMARKS
MUA-1	THERMOLEC	FER-10-10	300	0.2	10	CW FILTER AND ELECTRONIC CONTROLLER BUILT-IN DAMPER, ELECTRONIC TEMPERATURE SENSOR
MUA-2	THERMOLEC	FER-12-20	600	0.2	20	CW FILTER AND ELECTRONIC CONTROLLER BUILT-IN DAMPER, ELECTRONIC TEMPERATURE SENSOR

NOTES: INTERLOCK MAU-2 WITH KITCHEN HOOD EXHAUST FAN

WALL FIN SCHEDULE					
TAG	LENGTH (ft)	FIN TYPE SERIES	OUTPUT (BTU/HR/LIN FT)	ENCLOSURE TYPE	REMARKS
WF-1	15	3/4" COPPER TUBE 2 1/2" X 3 1/4" ALUMINUM FIN 60 FIN/FT	960	P-10	14.4 MBH
WF-2	8	3/4" COPPER TUBE 2 1/2" X 3 1/4" ALUMINUM FIN 60 FIN/FT	960	P-10	7.68 MBH
WF-3	18	3/4" COPPER TUBE 2 1/2" X 3 1/4" ALUMINUM FIN 60 FIN/FT	960	P-10	17.28 MBH

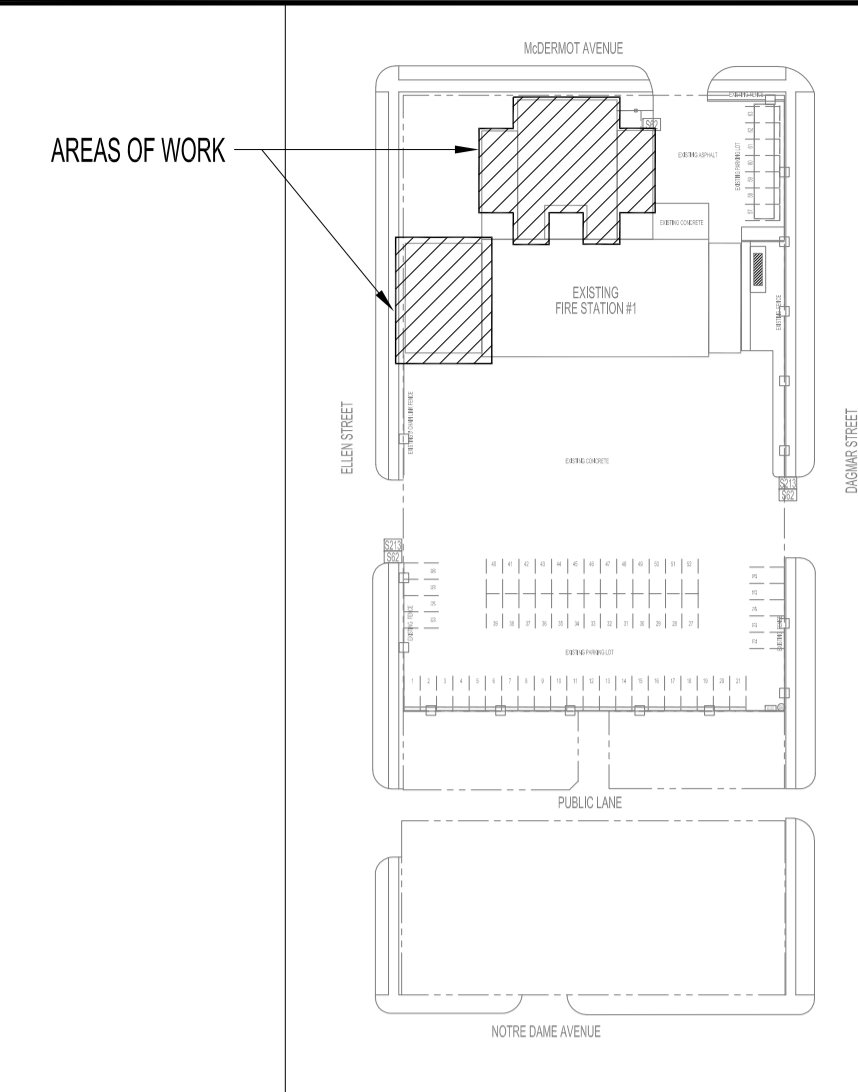
NOTES: BASED ON ENG. A PROFILE SERIES, 65°F AVERAGE AIR TEMPERATURE, AND 190°F AVERAGE WATER TEMPERATURE.

1 APPROVED EQUAL PRODUCTS: RITTLING VULCAN

GRILLE AND DIFFUSER SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
S1	SQUARE CONE DIFFUSER	E.H. PRICE	SCD/3C	SIZE 24" x 24", T-BAR CEILING MOUNTED, COLOUR B12
S2	LOUVERED FACE SUPPLY	E.H. PRICE	510/SDFL/A	REFER TO DRAWING FOR SIZE, COLOUR B12
R1	EGG CRATE CEILING RETURN	E.H. PRICE	80	REFER TO DRAWING FOR SIZE, COLOUR B12

PLUMBING FIXTURE CONNECTION SIZES					
TAG	SANITARY in.	DCW in.	DHW in.	TRAP in.	NOTE
WC	3	1	-	INTERNAL	
LAVATORY	1.5	0.5	0.5	1.5	
SINK	1.5	0.5	0.5	1.5	
SHOWER	3	0.5	0.5	3	

MECHANICAL LEGEND	
	EXISTING CONSTRUCTION TO REMAIN
	TO BE DEMOLISHED / RELOCATED
	NEW CONSTRUCTION
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	VENT PIPING
	SANITARY PIPING UNDER SLAB
	HOT WATER SUPPLY UNDER SLAB
	HOT WATER RETURN UNDER SLAB
	SWITCH
	THERMOSTAT
	MOTORIZED DAMPER
	BALANCE DAMPER
	FLEXIBLE CONNECTION
	DUCT/PIPE CAP
	UNION
	GATE VALVE
	TWO WAY CONTROL VALVE
	REDUCER
	WALL FIN BASEBOARD HEATER
	SUPPLY AIR GRILLE
	RETURN AIR GRILLE
	SUPPLY AIR DUCT UP/DOWN
	RETURN AIR DUCT UP/DOWN
	AIR TRANSFER ELBOW WITH ACOUSTIC INSULATION
	PLUMBING FIXTURE DESIGNATION
	EQUIPMENT DESIGNATION
	GRILLE TYPE (SEE GRILLE SCHEDULE)
	SIZE
	CFM / R/A



NOTES:  
THESE DRAWINGS SHALL NOT BE SCALED.

THIS DRAWING IS DIAGRAMMATIC ONLY. CONTRACTOR TO COORDINATE EXACT LOCATIONS AND ROUTING ON SITE WITH ALL NEW AND EXISTING SYSTEM.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.

ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.

ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.

NEW DUCT SHALL BE CONSTRUCTED AS RECOMMENDED BY SMACNA.

INSULATE EXISTING AND NEW CONDITIONAL AIR DUCT AND DOMESTIC HOT AND COLD WATER PIPES IN THE RENOVATED AREAS AS PER SPECIFICATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.

CLEAN ALL EXISTING DUCTWORK IN THE RENOVATION AREAS AS PER SPECIFICATION.

ELECTRICAL WIRING SHALL BE PERFORMED BY A QUALIFIED ELECTRICAL SUBTRADE.

MECHANICAL DRAWING LIST	
SHEET No:	SHEET TITLE
M1	KEY PLAN, MECHANICAL SYMBOLS AND SCHEDULES
M2	PARTIAL MAIN FLOOR PLAN - PLUMBING DEMOLITION AND RENOVATION - PHASE 1
M3	PARTIAL MAIN FLOOR PLAN - PLUMBING DEMOLITION - PHASE 2
M4	PARTIAL MAIN FLOOR PLAN - PLUMBING SYSTEM RENOVATION - PHASE 2
M5	PARTIAL MAIN FLOOR HVAC PLAN - DEMOLITION AND RENOVATION - PHASE 1
M6	PARTIAL MAIN FLOOR PLAN - HVAC DEMOLITION - PHASE 2
M7	PARTIAL MAIN FLOOR HVAC PLAN - RENOVATION - PHASE 2
M8	MECHANICAL SPECIFICATIONS - SHEET 1
M9	MECHANICAL SPECIFICATIONS - SHEET 2

1	ISSUED FOR ADDENDUM #1	EAG	NOV 30 2021
0	ISSUED FOR CONSTRUCTION	EAG	OCT 28 2021
No.	REVISION/DESCRIPTION	BY	DATE



DRAWN	CHECKED	DESIGNED	APPROVED
EAG		XYW	
DATE: 2021.04.14	USER APPROVAL		

Winnipeg THE CITY OF WINNIPEG  
MUNICIPAL ACCOMMODATIONS DEPARTMENT  
ASSET AND PROJECT MANAGEMENT DIVISION  
3-65 GARRY STREET, R3C 4K4

PROJECT  
WINNIPEG FIRE PARAMEDIC SERVICES  
FIRE STATION #1  
INTERIOR RENOVATIONS  
65 ELLEN ST.

SHEET TITLE  
KEY PLAN, SCHEDULES, MECHANICAL  
LEGENDS AND SYMBOLS

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2019-075	M1-R1