

TERMINAL UNIT SCHEDULE									
TAG	DESCRIPTION	MANUFACTURER	MODEL	SIZE	DESIGN COOLING FLOW RATE		DESIGN HEATING FLOW RATE		NOTES
					MIN. CFM	MAX. CFM	MAX. CFM	MIN. CFM	
DVAV-B01	DUAL DUCT TERMINAL UNIT	E.H. PRICE	DDQ5	8	324	648	648	324	1, 2
DVAV-B02	DUAL DUCT TERMINAL UNIT	E.H. PRICE	DDQ5	8	324	648	648	324	1, 2
DVAV-B03	DUAL DUCT TERMINAL UNIT	E.H. PRICE	DDQ5	5	55	110	110	55	1, 2
DVAV-B04	DUAL DUCT TERMINAL UNIT	E.H. PRICE	DDQ5	5	68	135	135	68	1, 3
DVAV-B05	DUAL DUCT TERMINAL UNIT	E.H. PRICE	DDQ5	5	53	105	105	53	1, 2
DVAV-B06	DUAL DUCT TERMINAL UNIT	E.H. PRICE	DDQ5	6	195	390	390	195	1, 3

NOTES:
 1. DDC CONTROL, 36" ATTENUATOR, PROTECTIVE SHROUD, HANGER BRACKET
 2. VAV, N.C. COLD DECK, N.O. HOT DECK. ON FAILURE OF THE MAIN AIR SUPPLY, THE COLD DECK FAIL CLOSED AND HOT DECK FAIL OPEN

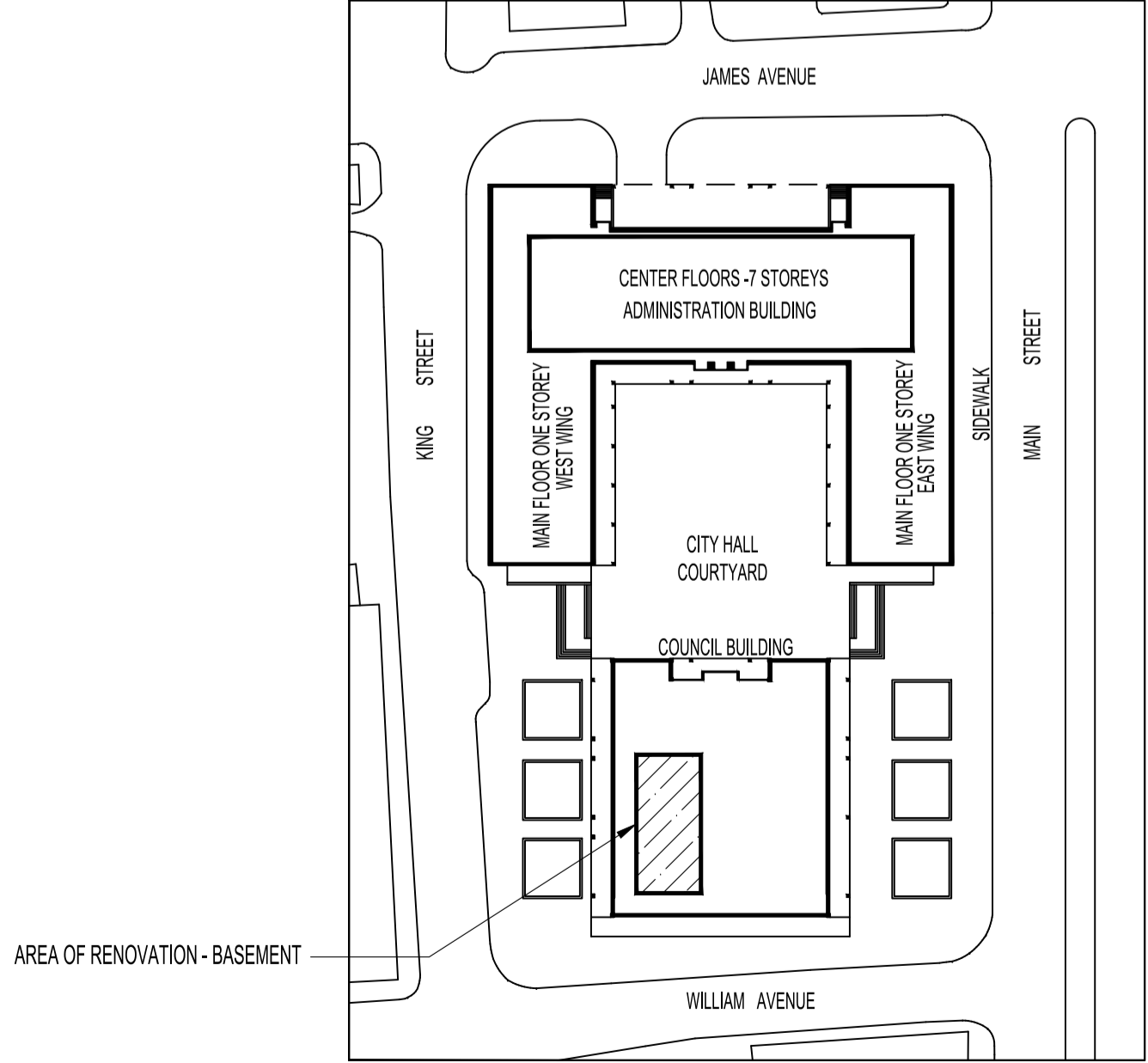
GRILLE AND DIFFUSER SCHEDULE				
TAG	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
S-1	SQUARE CONE DIFFUSER	E.H. PRICE	SCD/3C	SIZE 24" x 24", T-BAR CEILING MOUNTED, COLOUR B12
S-2	SQUARE CONE DIFFUSER	E.H. PRICE	SCD/3C	SIZE 12" x 12", T-BAR CEILING MOUNTED, COLOUR B12
R-1	EGG CRATE CEILING RETURN	E.H. PRICE	80	REFER TO DRAWING FOR SIZE, COLOUR B12

FAN SCHEDULE								
TAG	MANUFACTURER	MODEL	TYPE	AIRFLOW CFM	SP IN	MOTOR		NOTES
						HP	BHP	
F-B1	GREENHECK	SQ-95-D	INLINE FAN	420	0.5	0.125	0.09	-

MECHANICAL SYMBOLS	
	EXISTING CONSTRUCTION TO REMAIN
	TO BE DEMOLISHED
	NEW CONSTRUCTION
	NEW BALANCE DAMPER
	NEW FIRE DAMPER
	EXISTING SUPPLY AIR GRILLE TO BE REMOVED
	EXISTING RETURN AIR GRILLE TO BE REMOVED
	NEW SUPPLY AIR GRILLE
	NEW RETURN AIR GRILLE
	NEW FLEX DUCT THERMOFLEX, MODEL M-KE
	GRILLE TYPE (SEE GRILLE SCHEDULE) SIZE CFM / R/A
	EXISTING THERMOSTAT TO BE REMOVED
	NEW DDC THERMOSTAT
	EXISTING TERMINAL UNIT TO BE DISCONNECTED AND REMOVED
	NEW DUAL DUCT VAV TERMINAL UNIT C/W ATTENUATOR
	AIR TRANSFER ELBOW WITH ACOUSTIC LINER
	EQUIPMENT DESIGNATION
	NEW WET SPRINKLER PIPING
	NEW SPRINKLER DROP WITH PLUGGED OUTLET
	BACKDRAFT DAMPER
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	SANITARY DRAIN PIPING ABOVE SLAB
	SANITARY DRAIN PIPING BELOW SLAB
	STORM DRAIN PIPING ABOVE SLAB
	STORM DRAIN PIPING BELOW SLAB
	SHUT OFF VALVE
	NORMALLY CLOSED SHUT OFF VALVE
	FLOOR DRAIN
	CLEANOUT
	PLUMBING FIXTURE DESIGNATION
	FIRE EXTINGUISHER IN SEMI RECESSED CABINET
	FIRE EXTINGUISHER IN SURFACE MOUNTED CABINET
	WALL MOUNTED FIRE EXTINGUISHER

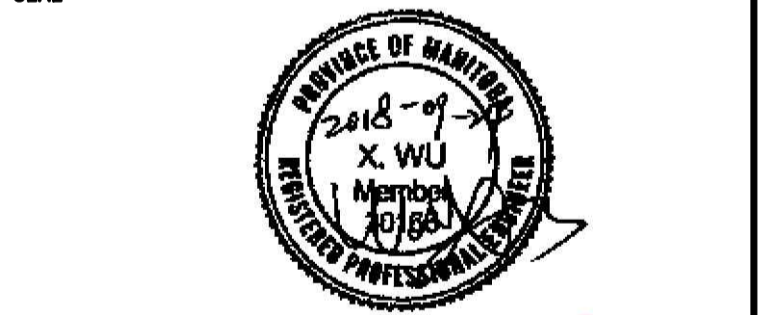
MECHANICAL DRAWING LIST	
SHEET No:	SHEET TITLE
M1	KEY PLAN, MECHANICAL SYMBOLS AND SCHEDULES
M2	PARTIAL BASEMENT FLOOR PLAN - MECHANICAL DEMOLITION
M3	PARTIAL BASEMENT FLOOR PLAN - MECHANICAL RENOVATION
M4	PARTIAL BASEMENT FLOOR PLAN - FIRE PROTECTION
M5	MECHANICAL SPECIFICATIONS

NOTES:
 THESE DRAWINGS SHALL NOT BE SCALED.
 THIS DRAWING IS DIAGRAMMATIC ONLY. CONTRACTOR TO COORDINATE EXACT LOCATIONS OF 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, ELECTRICAL AND STRUCTURAL 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 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.
 PLUMBING INSTALLATION SHALL CONFORM TO NATIONAL PLUMBING CODE OF CANADA.
 INSULATE EXISTING AND NEW HOT, COLD AND RECIRCULATION PIPING IN THE RENOVATED AREAS AS PER SPECIFICATIONS.
 CONTROL CONTRACTOR IS RESPONSIBLE TO REPLACE THE DAMAGED PNEUMATIC TUBING IN THE RENOVATION AREAS.
 THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING RISERS, SWING JOINTS AND DEEP CUP ESCUTCHEONS AS REQUIRED.
 ELECTRICAL WIRING SHALL BE PERFORMED BY A QUALIFIED ELECTRICAL SUBTRADE.
 ASBESTOS IS KNOWN TO BE PRESENT IN SOME WALLS AND VINYL TILE FLOOR BENEATH CARPET. ABATEMENT TO PRECEDE START OF DEMOLITION. ASBESTOS MAY BE PRESENT IN OTHER AREAS. IF ASBESTOS OR ANY HAZARDOUS MATERIAL IS FOUND, STOP WORK IMMEDIATELY AND CONTACT CITY OF WINNIPEG, CENTRAL CONTROL, PH: 204-986-2351.



KEY PLAN
 SCALE: N.T.S.

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR CONSTRUCTION	JAW	SEPT 24 2018
00	ISSUED FOR 80% CLIENT REVIEW	JAW	AUG 17 2018



DRAWN	CHECKED	DESIGNED	APPROVED
JAW	XYW	XYW	XYW

DATE: 2018.07.26
 USER APPROVAL

THE CITY OF WINNIPEG
 PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT
 MUNICIPAL ACCOMMODATIONS DIVISION
 3-65 GARRY STREET, R3C 4K4

PROJECT
 WFPS EMERGENCY OPERATIONS CENTRE
 INTERIOR RENOVATION

510 MAIN STREET
 BID OPP # 870-2018
 SHEET TITLE
 KEY PLAN, MECHANICAL SYMBOLS AND SCHEDULES

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2018-010	M1