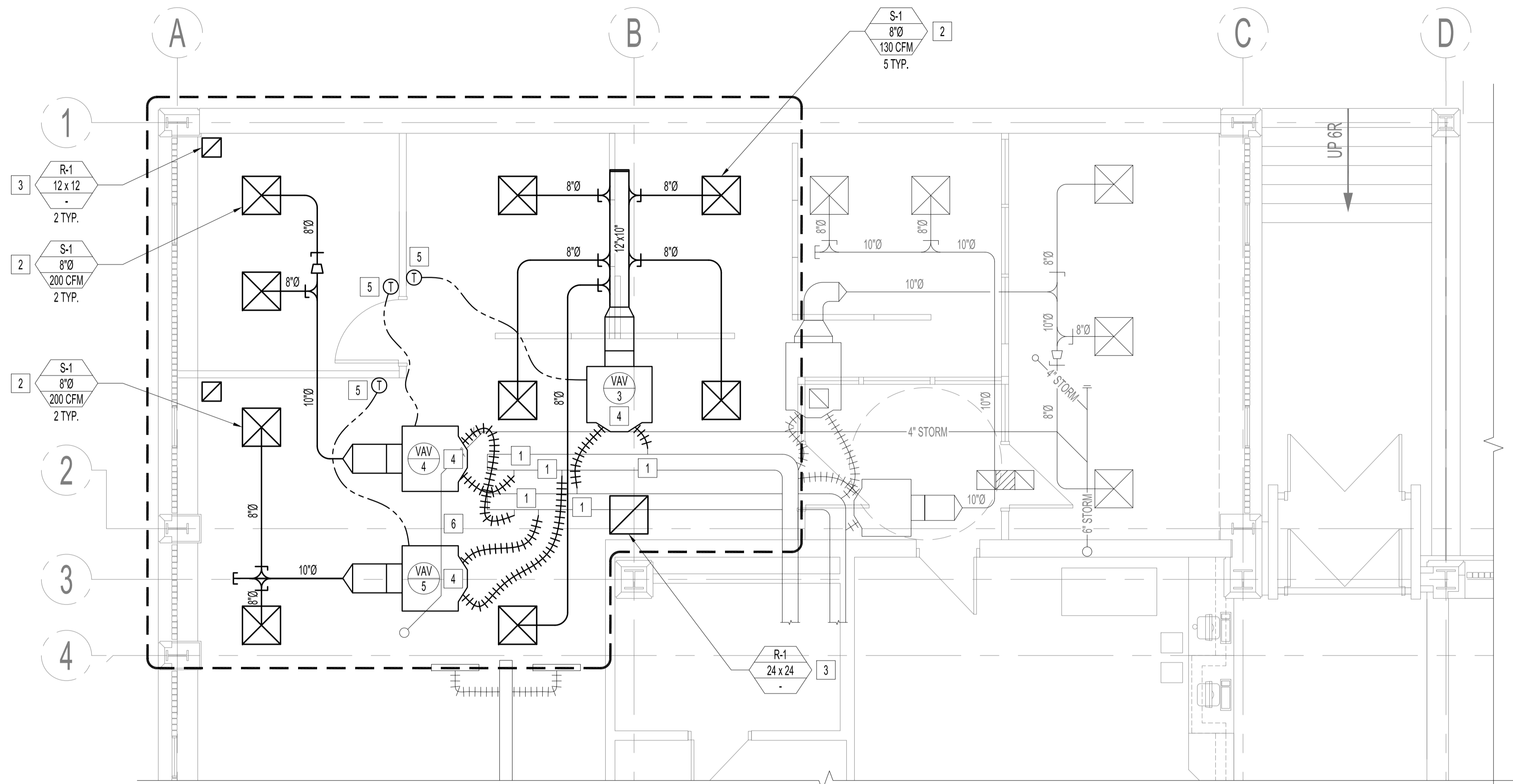


ADDRESS: 510 MAIN ST. PROJECT No: 2019-123 SHEET TITLE: PARTIAL MAIN FLOOR PLAN - MECHANICAL RENOVATION, LEGEND & SCHEDULES DATE: 2019.11.08 FILE NAME: 2019123MWO.dwg



PARTIAL MAIN FLOOR PLAN - MECHANICAL RENOVATION  
SCALE: 1/4" = 1'-0"

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	
VAV-3	DUAL DUCT TERMINAL UNIT	E.H. PRICE	DPQ	8	325	650	650	325	1, 2
VAV-4	DUAL DUCT TERMINAL UNIT	E.H. PRICE	DPQ	7	200	400	400	200	1, 2
VAV-5	DUAL DUCT TERMINAL UNIT	E.H. PRICE	DPQ	7	200	400	400	200	1, 2

NOTES:  
 1. PNEUMATIC CONTROL, 36" ATTENUATOR, PROTECTING 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.

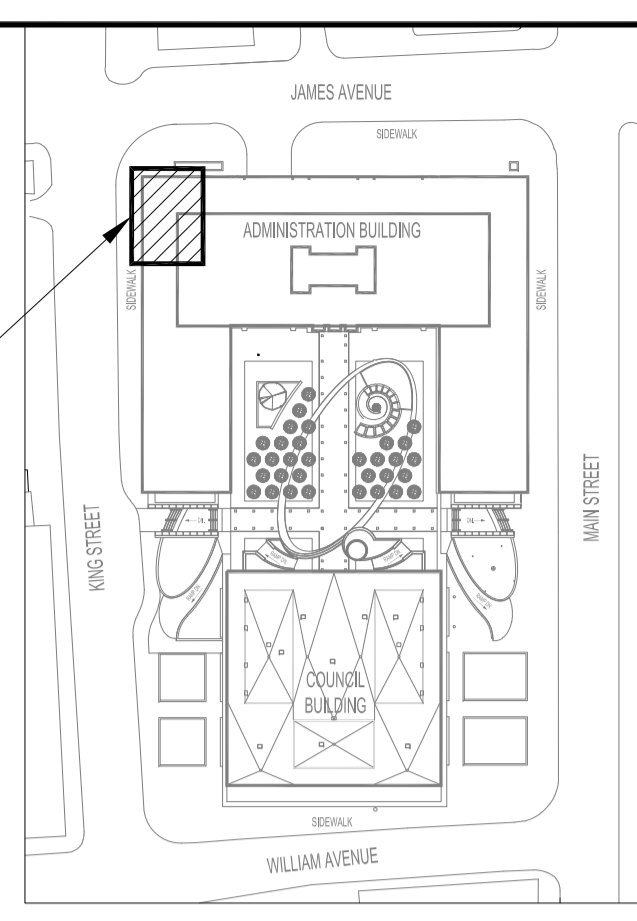
MECHANICAL DRAWING LIST	
SHEET No:	SHEET TITLE
M1	PARTIAL MAIN FLOOR PLAN - MECHANICAL DEMOLITION (NOT IN CONTRACT)
M2	PARTIAL MAIN FLOOR PLAN - MECHANICAL RENOVATION, LEGEND & SCHEDULES
M3	MECHANICAL SPECIFICATIONS

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
R-1	EGG CRATE CEILING RETURN	E.H. PRICE	80	REFER TO DRAWING FOR SIZE, COLOUR B12

**MECHANICAL RENOVATION NOTES:**

- CONNECT EXISTING DUAL DUCT TERMINAL TO HOT AND COLD SUPPLY DUCTS.
- NEW CEILING MOUNTED SUPPLY AIR DIFFUSER.
- NEW CEILING MOUNTED RETURN AIR GRILLE.
- NEW DUAL DUCT VAV TERMINAL UNIT SUSPENDED FROM STRUCTURE. SUPPLY AND INSTALL HOT AIR AND COLD AIR DUCT CONNECTION TO THE NEW VAV BOX AS INDICATED.
- NEW PNEUMATIC/IDDC THERMOSTAT TO BE PROVIDED BY CITY OF WINNIPEG AND INSTALLED BY CONTRACTOR.
- INSULATE EXISTING STORM DRAIN IN CEILING SPACE WITHIN RENOVATED AREA.

MECHANICAL LEGEND	
	EXISTING CONSTRUCTION TO REMAIN
	TO BE DEMOLISHED
	NEW CONSTRUCTION
	THERMOSTAT
	MOTORIZED DAMPER
	BALANCE DAMPER
	FLEXIBLE CONNECTION
	END CAP
	REDUCER
	FIRE DAMPER
	SUPPLY AIR GRILLE
	RETURN AIR GRILLE
	SUPPLY AIR DUCT UP/DOWN
	RETURN AIR DUCT UP/DOWN
	EQUIPMENT DESIGNATION
	DUAL DUCT VAV TERMINAL UNIT CW ATTENUATOR
	GRILLE TYPE (SEE GRILLE SCHEDULE)
	SIZE
	CFM / R/A

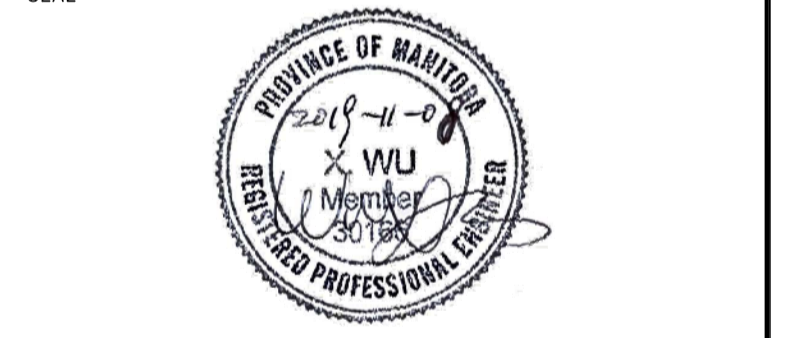


KEY PLAN  
SCALE: NTS

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 AND STORM DRAIN 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.  
 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.

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR CONSTRUCTION	EAG	NOV/08 2019



DRAWN	EAG	CHECKED	XYW	DESIGNED	XYW	APPROVED	XYW
DATE	2019.11.08	USER APPROVAL					

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

PROJECT  
 CITY HALL  
 ADMINISTRATION BUILDING  
 NEW OFFICE AND TRANSIT RENOVATION  
 510 MAIN ST.

SHEET TITLE  
 PARTIAL MAIN FLOOR PLAN  
 MECHANICAL RENOVATION

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2019-123	M2

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1