

COIL SCHEDULE																	
TAG	PERFORMANCE DATA										DIMENSIONS				VOLT / PH	MAKE / MODEL	COMMENTS
	AIRFLOW		ΔP		EAT		LAT		CAPACITY		TURNDOWN	NOM. WIDTH		NOM. HEIGHT			
	CFM	L/S	IN. W.C.	PA	°F	°C	°F	°C	KW	MBH			IN.	mm	IN.	mm	
EHC-1	420	198	0.1	24.9	54.1	12.3	70.0	21.1	2.5	8.5	SCR	10	254	10	254		
													240 / 1	THERMOLEC / SLIP-IN OPEN COIL		SCR CONTROL DISCHARGE TO 70°F, INTERLOCK W/ ERV.	

ERV SCHEDULE																
TAG	DESCRIPTION	LOCATION	SUPPLY & EXHAUST FAN						SENSIBLE EFFECTIVENESS		VOLTAGE	MCA	MOCP	MANUFACTURER	MODEL	COMMENTS
			AIRFLOW		E.S.P.		MOTOR		WINTER	SUMMER						
			CFM	L/S	IN.W.C.	PA	HP	KW								
ERV-1	SINGLE-CORE ERV w/ MERV 8 FILTERS	103 - STORAGE	420	198	0.5	124.4	1/3	0.2	75%	75%	(V/Hz/PH) 120/60/1	9.5	15	LIFEBREATH	530 ERV	

EXPANSION TANK SCHEDULE									
TAG	LOCATION	SYSTEM SERVED	TYPE	DIAMETER		HEIGHT		TANK VOLUME	
				IN.	mm	IN.	mm	USGAL	L
ET-1	103 - STORAGE	DOMESTIC WATER	DIAPHRAM	8	203.2	11	279.4	2.1	7.9
								USGAL	L
								1.0	3.8
								WORKING FLUID	
								POTABLE WATER	
								MAKE/MODEL	
								WATTS / PLT-5	

ELECTRIC UNIT HEATER SCHEDULE													
TAG	AREA SERVED	PERFORMANCE DATA						MOTOR			ELECTRICAL		MAKE / MODEL
		AIRFLOW		EAT		LAT		CAPACITY		SIZE		VOLT / PH	FLA (A)
		CFM	L/S	°F	°C	°F	°C	KW	BTU/HR	HP	KW	RPM	
UH-1	103 - STORAGE	700	330	70.0	21.1	83.0	28.3	5.00	17061	0.03	0.02	1,550	240
												OUELLET / OAS05000AM	

ELECTRIC DHWT SCHEDULE									
TAG	VOLUME USGAL	L	INPUT KW	RECOVERY RATE		ELECTRICAL		MAKE / MODEL	COMMENTS
				USGAL/HR	L/HR	VOLTS/PH	AMPS		
HWT-1	27	102	3	12.5	47	240/1	15	AO SMITH / DELC-30	2 X 1.5 KW ELEMENTS, SIMULTANEOUS OPERATION

LOUVER SCHEDULE											
TAG	SERVICE	SIZE		PERFORMANCE					ACCESSORIES	MAKE/MODEL	COMMENTS
				FLOW		ΔP		FACE VELOCITY			
		IN	mm	CFM	L/S	IN.W.C.	PA	FPM	M/S		
L-1	ERV OA/EXHAUST	16 x 16	406 x 406	420	157	0.06	15	650	3.30		
								PRICE / DE635		FINISH: FACTORY CLEANED ALUMINUM	

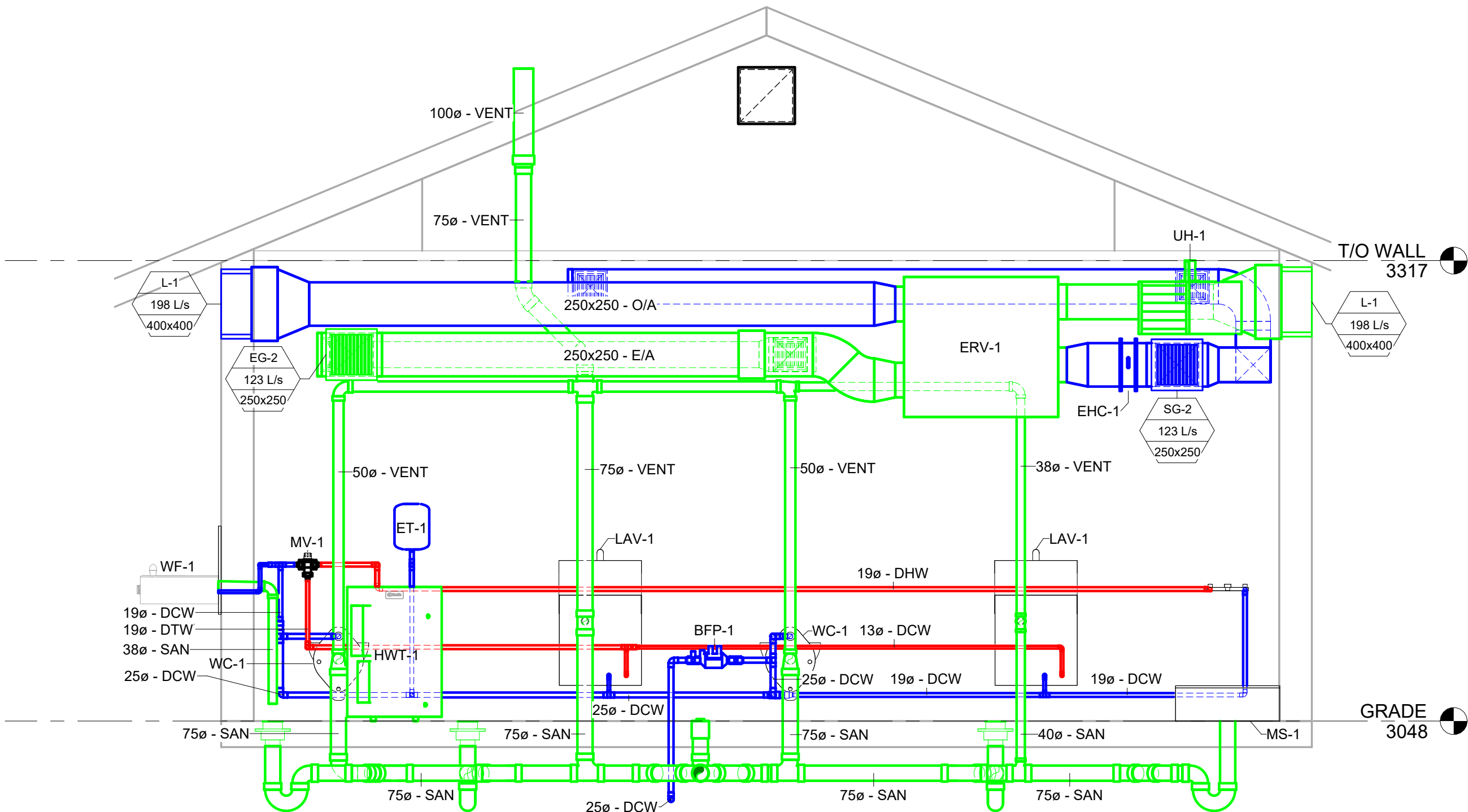
GRILLES, REGISTERS AND DIFFUSERS SCHEDULE				
TAG	MAKE	MODEL	TYPE	COMMENTS
SG-1-2	PRICE	600 SERIES	620 - SUPPLY	45 DEGREE ANGLE TO CEILING, INCLUDE BALANCING DAMPER.
RG-1-2	PRICE	600 SERIES	635 - RETURN	45 DEGREE ANGLE TO CEILING, INCLUDE BALANCING DAMPER.
NOTE: ALL GRILLES TO BE ALUMINUM, AND OF THE SAME FINISH.				

CONTROL DEVICE LISTING						
TAG	DESCRIPTION	APPLICATION	SOURCE	SIGNAL TYPE	NOTES	
MD-1	INSULATED MOTORIZED DAMPER	OUTDOOR AIR	ELEC	DIGITAL	NC/FC/ZSO	
MD-2	INSULATED MOTORIZED DAMPER	EXHAUST AIR	ELEC	DIGITAL	NC/FC/ZSO	

ABBREVIATIONS:
ELEC ELECTRIC
PNEUM PNEUMATIC
NC NORMALLY CLOSED
NO NORMALLY OPEN
FO FAIL OPEN
FC FAIL CLOSED
FL FAIL LAST
O/A OUTSIDE AIR
R/A RETURN AIR
S/A SUPPLY AIR
E/A EXHAUST AIR
FRZ FREEZE STAT
ZSO POSITION INDICATOR, OPEN
ZSC POSITION INDICATOR, CLOSED

ASHRAE STANDARD 62.1-2022
NOTE: EXHAUST RATES ESTABLISHED FROM TABLE 6.2

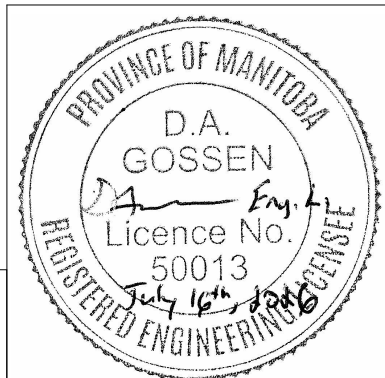
ROOM NAME	ROOM #	UNIT TAG	Az (ft2)	EXHAUST CATEGORY	EXHAUST RATE (cfm/unit)	# OF UNITS	EXHAUST RATE (cfm/ft2)	EXHAUST REQUIRED (cfm)	EXHAUST REQUIRED (L/s)	COMMENTS
ERV-1										
101 - UTR	101	ERV-1	100	TOILETS-PUBLIC	70.0	1.0	0.00	70.0	33	
102 - TOILET ROOM	102	ERV-1	75	TOILETS-PUBLIC	70.0	1.0	0.00	70.0	33	
103 - STORAGE	103	ERV-1	331	PARKING GARAGE	0.0	0.0	0.75	248.3	117	
								388	183	



1 MECHANICAL WALL SECTION - NEW CONDITIONS
SCALE: 1 : 25 22"x34" SHEET

0	ISSUED FOR CONSTRUCTION	2026-07-16	D.G.
Rev	Revision Description	Date	Issued by
Revision Schedule			

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Certificate of Authorization
Alliance Engineering Services Inc.
No.2906



CITY OF WINNIPEG 2777 Portage Avenue, Winnipeg, MB, R3J 0R3	
GRANT'S OLD MILL MAINTENANCE BUILDING RENOVATION SECTIONS & SCHEDULES	
SIZE	DWG. NO.
SCALE	SHEET
AS NOTED	REV 0
M3.1	