PUMP SCHEDULE

TAG	SERVICE	CAPACITY	TDH	PUMP SPEED	SOLIDS SIZE	MOTOR		ELECTRICAL			NOTES
		L/s	m WC	RPM	mm	HP	RPM	V	Ph	Hz	
P-L01	WASTEWATER LIFT PUMP	110	12.5	1200	76	35	1200	575	3	60	
P-L02	WASTEWATER LIFT PUMP	110	12.5	1200	76	35	1200	575	3	60	
P-L03	DRY WELL SUMP PUMP	5	1.5	3450	20	3/4		120	1	60	

AREA	VOLUME	AIR CHANGES PER HOUR	AIR FLOW
	m^3		L/s
MAIN FLOOR	78.8	6	131
BASEMENT	81.6	6	136
COMMINUTOR CHAMBER	47.6	6	79
PUMP ROOM	35.9	6	60
MOTOR ROOM	76.8	6	128
TOTAL	320.7	6	534

UNIT HEATER SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	CAPACITY	FLOWRATE	MOTOR		ELECTRICAL			NOTES
				kW	cfm	HP	RPM	V	Ph	Hz	
UH-L63	OUELLET	OAS03036AM	PUMP ROOM	3	510	1/30	1550	600	3	60	
UH-L64	OUELLET	OAS04036AM	MAIN FLOOR	4	510	1/30	1550	600	3	60	
UH-L65	OUELLET	OAS03036AM	BASEMENT	3	510	1/30	1550	600	3	60	

FAN SCHEDULE

TAG	LOCATION	SERVICE	MANUFACTURER	MODEL	AIRFLOW		E.S.P		MOTOR		ELECTRICAL			MOUNTING	TYPE	WEIGHT		NOTES
					CFM	L/s	in.w.c.	Pa	HP	kW	V	Ph	Hz			lbs	kg	
SF-L61	MAIN FLOOR	SUPPLY FAN	GREENHECK	SQ-100-AX-QD	1134	535	0.375	93.2	1/4	0.186	575	3	60	CEILING HUNG, INLINE WITH DUCT	CENTRIFUGAL INLINE	62	28.1	INSULATED CABINET C/W GREENHECK FILTER BOX – MERV 8 PLEATED FILTERS
EF-L62	MAIN FLOOR	EXHAUST FAN	GREENHECK	SQ-100-AX-QD	1134	535	0.375	93.2	1/4	0.186	575	3	60	CEILING HUNG, INLINE WITH DUCT	CENTRIFUGAL INLINE	62	28.1	

DUCTLESS A/C SCHEDULE

TAG	LOCATION		MANUFACTURER	MODEL		COOLING CAPACITY		MOTOR		ELECTRICAL			MCA	NOTES
	EVAPORATOR	CONDENSER		INDOOR UNIT	OUTDOOR UNIT	TONS	kW	HP	kW	V	Ph	Hz		
AC-L68	MAIN FLOOR	OUTSIDE	CARRIER	40MHHC18---3	38MHRCC18AA3	1.5	5.28	1/4	0.186	208	1	60	19	

DUCT HEATER SCHEDULE

TAG	LOCATION	MANUFACTURER	CAPACITY	ELECTRICAL			CONTROL			NOTES
			kW	V	Ph	Hz	CONTROLLER	TYPE	SIGNAL	
HCE-L67	MAIN FLOOR	THERMOLEC	40	575	3	60	SCR CONTROLLER	MODULATING	0 – 10V	OPEN COIL C/W DUCT SENSOR SET 10°C

MOTORIZED DAMPER SCHEDULE

TAG	DAMPER					ACTUATOR								NOTES
	SERVICE	MANUFACTURER	MODEL	BLADE TYPE	SIZE	MANUFACTURER	MODEL	CONTROL		FAIL POSITION	ELECTRICAL			
					(mm)			TYPE	SIGNAL		V	Ph	Hz	
FV-L601	SUPPLY	GREENHECK	ICD-45	PARALLEL	406 x 406	BELIMO		MODULATING	0 – 10V	OPEN	24	1	60	
FV-L602	RETURN	GREENHECK	ICD-45	PARALLEL	406 x 406	BELIMO		MODULATING	0 – 10V	CLOSED	24	1	60	
FV-L603	EXHAUST	GREENHECK	ICD-45	PARALLEL	406 x 406	BELIMO		MODULATING	0 – 10V	OPEN	24	1	60	

FIRE EXTINGUISHER SCHEDULE

TAG	SERVICE	RATING	TYPE	WEIGHT (kg)	NOTES
FEX-L69	MAIN FLOOR	4-A:60-B:C	DRY CHEMICAL	4.5	C/W WALL MOUNTING BRACKET AND IDENTIFICATION

GRILL AND DIFFUSER SCHEDULE

TAG	SERVICE	MANUFACTURER	MODEL	SIZE (mm)	NOTES
GRD-L605	SUPPLY	PRICE INDUSTRIES	610	406x203	C/W INTEGRAL OBD DAMPER
GRD-L605	SUPPLY	PRICE INDUSTRIES	610	406x203	C/W INTEGRAL OBD DAMPER
GRD-L605	SUPPLY	PRICE INDUSTRIES	610	406x203	C/W INTEGRAL OBD DAMPER
GRD-L605	SUPPLY	PRICE INDUSTRIES	610	406x203	C/W INTEGRAL OBD DAMPER
GRD-L605	SUPPLY	PRICE INDUSTRIES	610	406x203	C/W INTEGRAL OBD DAMPER
GRD-L605	SUPPLY	PRICE INDUSTRIES	610	406x203	C/W INTEGRAL OBD DAMPER
GRD-L605	SUPPLY	PRICE INDUSTRIES	610	406x203	C/W INTEGRAL OBD DAMPER
GRD-L605	SUPPLY	PRICE INDUSTRIES	610	406x203	C/W INTEGRAL OBD DAMPER
GRD-L605	SUPPLY	PRICE INDUSTRIES	610	406x203	C/W INTEGRAL OBD DAMPER
GRD-L605	SUPPLY	PRICE INDUSTRIES	610	406x203	C/W INTEGRAL OBD DAMPER

LOUVRE SCHEDULE

TAG	SERVICE	SIZE (mm)	MANUFACTURER	MODEL
GR-L601	SUPPLY	508 x 457	PRICE INDUSTRIES	635
GR-L603	EXHAUST	508 x 457	PRICE INDUSTRIES	635

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10		
9		
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1		

REFERENCE DRAWINGS

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MPE, a division of Englobe Corp.
No. 4968 Date: MAR 22, 2024

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	2024-03-22	

MPE a division of Englobe

DESIGNED BY P. NAYAK
CHECKED BY P. GOERTZEN
DRAWN BY D. MCMILLAN
APPROVED BY P. GOERTZEN
SCALE: N.T.S.
HORIZONTAL
VERTICAL
RELEASED FOR CONSTRUCTION
DATE 2024-03-19
DATE
PLOT DATE: 2024 03 22

PROVINCE OF MANITOBA P.P. GOERTZEN Member 43822 REGISTERED PROFESSIONAL ENGINEER
MARCH 22, 2024
CONSULTANT DRAWING NUMBER

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

CONWAY LIFT PUMPING STATION
2024 UPGRADES
MECHANICAL SCHEDULES
PROCESS & HVAC EQUIPMENT

CITY DRAWING NUMBER 1-0131L-M0013-001-00 SHEET 41 OF 102

BID OPPORTUNITY: --

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