

LOUVER SCHEDULE				
TAG	SERVICE	SIZE (mm)	ROUGH OPENING (mm)	MAKE AND MODEL
L-1	VENTILATION EXHAUST	1065x915	1075x925	PRICE DE 635
L-2	COOLING SUPPLY	915x1830	925x1840	PRICE DE 635
L-3	COOLING EXHAUST	1525x915	1535x925	PRICE DE 635
L-4	VENTILATION SUPPLY	1065x915	1075x925	PRICE DE 635
L-5	RELIEF	610x305	620x315	PRICE DE 635

GRILLE SCHEDULE	
TAG	MAKE & MODEL
A	PRICE 610D/F/L/A
B	PRICE 610/F/L/A
C	PRICE 635D/F/L/A

AREA	VOLUME (M ³)	MIN. AIR CHANGES PER HOUR	MIN. AIRFLOW (L/s)
MAIN FLOOR	232.1	6	387
FLOOD PUMP ROOM	383.4	6	639
LIFT MOTOR ROOM	39.8	6	66
LIFT PUMP ROOM	44.0	6	73
COMMUNOTOR MOTOR ROOM	42.5	6	71
COMMUNOTOR CHAMBER	115.5	6	193
TOTAL	857	6	1,429

UNIT HEATER SCHEDULE						
TAG	SERVICE	POWER	AIRFLOW (L/s)	CAPACITY (kW)	VOLTS/PH	NOTES
UH-A63	MAIN FLOOR	ELECTRIC	650	15	575/3	OUELLET OASU15036
UH-A64	MAIN FLOOR	ELECTRIC	650	15	575/3	OUELLET OASU15036
UH-A65	ELECTRICAL ROOM	ELECTRIC	328	7.5	575/3	OUELLET OASU07536

FIRE EXTINGUISHER SCHEDULE			
TAG	RATING/WEIGHT (MINIMUM)	TYPE	COMMENT
FEX-L1	2A, 5BC, 10LB (4.5 KG)	DRY CHEMICAL	NEW

FAN SCHEDULE								
TAG	SERVICE	FLOW (L/s)	ESP (PA)	MOTOR (kW)	VOLTS/PH	MOTOR TYPE	DESCRIPTION	NOTES
SF-F61/FIL-F61	SUPPLY AIR	1429	500	2.24	575/3 ϕ	INDUCTION	GREENHECK BSQ-200HP	
SF-F62/FIL-F62	COOLING AIR	3750	375	3.73	575/3 ϕ	INDUCTION	GREENHECK BSQ-240	C/W FACTORY SUPPLIED FILTER BOX, 508x635x50mm, MERV 8 FILTERS
SF-A65/FIL-A65	SUPPLY AIR	196	175	0.37	120/1 ϕ	ECM	GREENHECK SQ-130HP-VG	C/W FACTORY SUPPLIED FILTER BOX, 508x508x50mm, MERV 8 FILTERS, AND TWO SPEED CONTROLLER

DUCT HEATER SCHEDULE							
TAG	SERVICE	FLOW (L/s)	EAT (C°)	LAT (C°)	CAPACITY (kW)	VOLTS/PH	NOTES
HCE-A61	SUPPLY AIR	1429	-40	24	111	575/3 ϕ	INTEGRAL TEMPERATURE SENSOR, SCR

DAMPER SCHEDULE									
TAG	SERVICE	AIRFLOW (L/s)	SIZE (mm)	BLADE TYPE	MOUNT	ACTUATOR	MIN. REQ. TORQUE (N.m)	FAIL POSITION	DESCRIPTION
FV-A601-1	EXHAUST	1429	1065x915	OB	FLANGE TO DUCT	BELIMO PRP 0-10V	5.9	CLOSED	TAMCO 9000 SC
FV-A601-2	SUPPLY	1429	710x610	OB	FLANGE TO DUCT	BELIMO PRP 0-10V	2.6	CLOSED	TAMCO 9000 SC
FV-A601-3	RETURN	1429	710x610	OB	FLANGE TO DUCT	BELIMO PRP 0-10V	2.6	OPEN	TAMCO 1000
FV-F621-1	SUPPLY	3750	915x1830	PB	FLANGE TO DUCT	BELIMO ON/OFF	10.2	OPEN	TAMCO 9000 SC
FV-F621-2	EXHAUST	3750	915x1525	OB	FLANGE TO DUCT	BELIMO ON/OFF	8.5	OPEN	TAMCO 9000 SC
FV-A651-1	SUPPLY	196	915x510	PB	FLANGE TO DUCT	BELIMO ON/OFF	2.8	OPEN	TAMCO 9000 SC
FV-A651-2	RELIEF	196	610x305		REAR FLANGE	N/A	N/A		TAMCO 7000

DRAWING NUMBER	REFERENCE DRAWINGS
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NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OP. 331-2016	2016/05/09	TS	SSN

SNC-LAVALIN INC.
 148 Nature Park Way
 Winnipeg, MB, Canada R3P 0X7
 204-786-8080

DESIGNED BY: T. SCHICK	CHECKED BY: S. NORSWORTHY
DRAWN BY: D. CALVERLEY	APPROVED BY: I. PARKINSON
SCALE: N.T.S.	ISSUED FOR CONSTRUCTION BY: K. ZUREK
DATE: 2016/04/28	DATE: 2016/05/06

CONSULTANT NO.:

ENGINEER'S SEAL

ORIGINAL DRAWING
 SEALED BY:
 T. SCHICK
 SNC-LAVALIN
 MEMBER #21892
 2016/05/09
 REV. 00

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

COCKBURN FLOOD AND WASTEWATER PUMPING STATION
 2016 UPGRADES
 MECHANICAL
 EQUIPMENT SCHEDULES

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0127A-M0003	001	00	A1