

PLUMBING FIXTURE SCHEDULE*													
TYPE	DESCRIPTION	HANDICAPPED ACCESSIBILITY	FIXTURE		TRIM		SUPPLY		WASTE		TRAP		REMARKS
			MANUFACTURER	MODEL NO.	MANUFACTURER	MODEL NO.	MANUFACTURER	MODEL NO.	MANUFACTURER	MODEL NO.	MANUFACTURER	MODEL NO.	
S-1	DOUBLE COMPARTMENT LEDGE BACK- MANUAL TRIM	TRIM	-	-	-	-	-	-	SS STRAINER/STOPPER & TAILPIECE	-	-	-	20 GA. 304 S/S, MIRROR FINISH RIM, SATIN FINISH BOWL, UNDER COATED, INSTALLATION KIT. SEE SPEC.
WC-1	WATER CLOSET - FLOOR MOUNTED	NO	-	-	-	-	-	-	-	-	-	-	LINED TANK; SEAT: WHITE ELONGATED OPEN FRONT, MOLDED SOLID PLASTIC, LESS COVER, S/S CHECK. SEE SPEC.
UR-1	URINAL - WALL MOUNTED	NO	-	-	-	-	-	-	-	-	-	-	SEE SPEC.
L-1	COUNTER TOP - WASHROOM LAVATORY	YES	-	-	-	-	-	-	-	-	-	-	SEE SPEC.
SH-1	STAFF SHOWER STALL	NO	-	-	-	-	-	-	-	-	-	-	C/W ADJUSTABLE SHOWER HEAD, HAND HELD SHOWER, 24" BAR, DIVERTER, HOSE, VACUUM BREAKER(COLD &HOT WATER), 2 NPS P-TRAP, C/W TRAP PRIMER. C/W THERMOSTATIC VALVE. SEE SPEC.

GRILLE AND DIFFUSER SCHEDULE													
TAG	TYPE	STYLE	AIRFLOW	FRAME	MOUNTING	MODULE SIZE	NO. OF SLOTS OR CONES	DISCHARGE PATTERN	CONSTRUCTION	FASTENING	ACCESSORIES	FINISH	REMARKS
A	-	LOUVERED FACE	SUPPLY	-	WALL MOUNTED	-	-	0 DEGREES DEFLECTION	STEEL	MECHANICAL FASTEN	-	B12	STEEL DOUBLE DEFLECTION, 20MM BLADE SPACING, FRONT BLADES PARALLEL TO LONG DIMENSION, COUNTER-SUNK SCREW HOLES.
B	-	LOUVERED FACE	EXHAUST	-	DUCT MOUNTED	-	-	0 DEGREES DEFLECTION	STEEL	MECHANICAL FASTEN	-	B12	STEEL DOUBLE DEFLECTION, 20MM BLADE SPACING, FRONT BLADES PARALLEL TO LONG DIMENSION, COUNTER-SUNK SCREW HOLES.
C	-	LOUVERED FACE	SUPPLY	-	DUCT MOUNTED	-	-	0 DEGREES DEFLECTION	STEEL	MECHANICAL FASTEN	-	B12	STEEL DOUBLE DEFLECTION, 20MM BLADE SPACING, FRONT BLADES PARALLEL TO LONG DIMENSION, COUNTER-SUNK SCREW HOLES.
D	-	ROUND AIR DIFFUSER	SUPPLY	-	CEILING MOUNTED	-	-	-	PLASTIC	-	-	WHITE	FULLY ADJUSTABLE FLOW CAPACITY, 100 OR 150MM ROUND DUCT CONNECTION.
E	-	ROUND AIR DIFFUSER	EXHAUST	-	CEILING MOUNTED	-	-	-	PLASTIC	-	-	WHITE	FULLY ADJUSTABLE FLOW CAPACITY, 100 OR 150MM ROUND DUCT CONNECTION.
F	-	ROUND AIR DIFFUSER	RETURN	-	CEILING MOUNTED	-	-	-	PLASTIC	-	-	WHITE	FULLY ADJUSTABLE FLOW CAPACITY, 100 OR 150MM ROUND DUCT CONNECTION.

UNIT HEATER SCHEDULE								
TAG	MANUFACTURER	MODEL	AIRFLOW (L/s)	SPEED (RPM)	MOTOR (HP)	ELECTRICAL DATA		
						(VOLTS)	(PH.)	(Hz)
UH-1	23 82 39	-	1132	1075	1/4	120	1	60
UH-2	23 82 39	-	1132	1075	1/4	120	1	60
COMMENTS:								

FLOOR DRAIN SCHEDULE										
TAG	MANUFACTURER	MODEL	GRATING/STRAINER	FLASHING CLAMP	BODY CONSTRUCTION	TRAP	TRAP PRIMER	SPECIAL REQUIREMENTS	AREA OF APPLICATION	REMARKS
FD-1	-	-	127mm HEAVY DUTY SLOTTED GRATE	REVERSABLE C/W WEEP HOLES	DURA-COATED CAST IRON BODY	NO	NO	-	GARAGE AREA	SEDIMENT BUCKET

EVAPORATOR UNIT SCHEDULE							
TAG	MANUFACTURER	MODEL	LOCATION	ARRANGEMENT	CAPACITY (KW)	REFRIGERANT	COMMENTS
EV-1	-	-	OFFICE	CEILING CASSETTE	-	R-410A	SEE SPEC.
EV-2	-	-	MULTIPURPOSE ROOM	WALL MOUNTED	-	R-410A	SEE SPEC.

FAN SCHEDULE																					
TAG	TYPE	MANUFACTURER	MODEL	AIRFLOW (L/s)	S.P. (Pa)	SPEED (RPM)	DRIVE	CURB	MOTOR (HP)	ELECTRICAL DATA			DISCONNECT	FIRESTAT	BACKDRAFT DAMPER	VIBRATION ISOLATION	AREA SERVED	COATING	ELECTRIC MOTOR	CONSTRUCTION	COMMENTS
										(VOLTS)	(PH.)	(Hz)									
F-1	KITCHEN RANGE HOOD	-	-	203	25	-	DIRECT	NO	-	120	1	60	NO	NO	NO	NO	KITCHEN	STANDARD	-	STANDARD	WHITE, C/W LED LAMP, 750MM WIDE, CENTRIFUGAL BLOWER CHARCOAL FILTERS, 90 X 250 MM DUCT CONNECT.
F-2	ROOF MOUNTED	-	-	422	125	1448	BELT	YES	1/4	120	1	60	YES	NO	YES	NO	UREA STORAGE	STANDARD	TEFC	STANDARD	SEE SPEC 23 34 25
F-3	ROOF MOUNTED	-	-	848	125	1210	BELT	YES	1/2	208	3	60	YES	NO	YES	NO	GARAGE BAY	STANDARD	TEFC	STANDARD	SEE SPEC 23 34 25
F-4	IN-LINE TUBULAR FAN	-	-	-	-	-	-	NO	3	600	3	60	YES	NO	YES	NO	GARAGE BAY	STANDARD	TEFC	STANDARD	EXISTING
F-5	DESTRATIFICATION FAN	-	-	547	-	-	-	NO	0.05	120	1	60	-	NO	-	NO	GARAGE BAY	STANDARD	TEFC	STANDARD	SEE SPEC 23 34 00

HRV SCHEDULE											
TAG	TYPE	MANUFACTURER	MODEL	SUPPLY AIRFLOW (L/s)	S.P. (Pa)	EXHAUST AIRFLOW (L/s)	S.P. (Pa)	ELECTRICAL DATA			COMMENTS
								(VOLTS)	(PH.)	(Hz)	
HRV-1	HEAT RECOVERY VENTILATOR	-	-	75	125	75	125	120	1	60	2 ND LEVEL SEE SPEC FOR DESCRIPTION, UNIT C/W HANGERS AS REQUIRED.

FIN TUBE RADIATION SCHEDULE, HOT WATER													
TAG	WATTS	L/S	EWT	LWT	HEATING ELEMENT				ENCLOSURE		RUNOUT SIZE	VALVE SIZE	COMMENTS
					TUBE	FIN	ACTIVE LENGTH	ROWS	D	L			
A1	1200	0.03	93°C	82°C	COPPER	ALUM.	1200mm	1	127	2200mm	NPS 3/4	NPS 3/4	SEE SPEC.
A2	500	0.02	93°C	82°C	COPPER	ALUM.	750mm	1	127	1750mm	NPS 3/4	NPS 3/4	SEE SPEC.

LEGEND

PIPING SPECIALTIES

————	EXISTING PIPING TO REMAIN
- - - - -	EXISTING PIPING TO BE REMOVED
	DOUBLE COMPARTMENT TO BE REMOVED
	WATER CLOSET, FLUSH TANK TO BE REMOVED
	URINAL, STALL OR WALL TO BE REMOVED
	SHOWER TO BE REMOVED
—————	SANITARY WASTE PIPE
- - - V - - -	VENT
—————	DOMESTIC COLD WATER
—————	DOMESTIC HOT WATER
—DHR—	DOMESTIC HOT WATER RECIRCULATION
—RS—	REFRIGERANT SUCTION
—RL—	REFRIGERANT LIQUID
—HWS—	HOT WATER SUPPLY
—HWR—	HOT WATER RETURN
—CD—	CONDENSATE DRAIN

DETAIL NUMBERING SYSTEM

	DETAIL NUMBER.
	LOCATION DRAWING NO.
	DETAIL DRAWING NO.
	DETAIL NUMBER.
	LOCATION DRAWING NO.
	DIFFUSER SIZE DIFFUSER TYPE (SEE SPEC/SCHED)
	SUPPLY, RETURN OR EXHAUST CAPACITY (LITRES/SECOND)

VENTILATION

	FRESH AIR OR INTAKE DUCT
	SUPPLY DUCT
	RETURN OR EXHAUST DUCT
	ELBOW R/W = 1.5 UNLESS OTHERWISE NOTED
	ELBOW W/ SPLITTER VANES
	MITERED ELBOW W/ AIRFOIL TURNING VANES
	DAMPER, MOTORIZED
	SQUARE TO ROUND DUCT TRANSITION.
	FIRE DAMPER

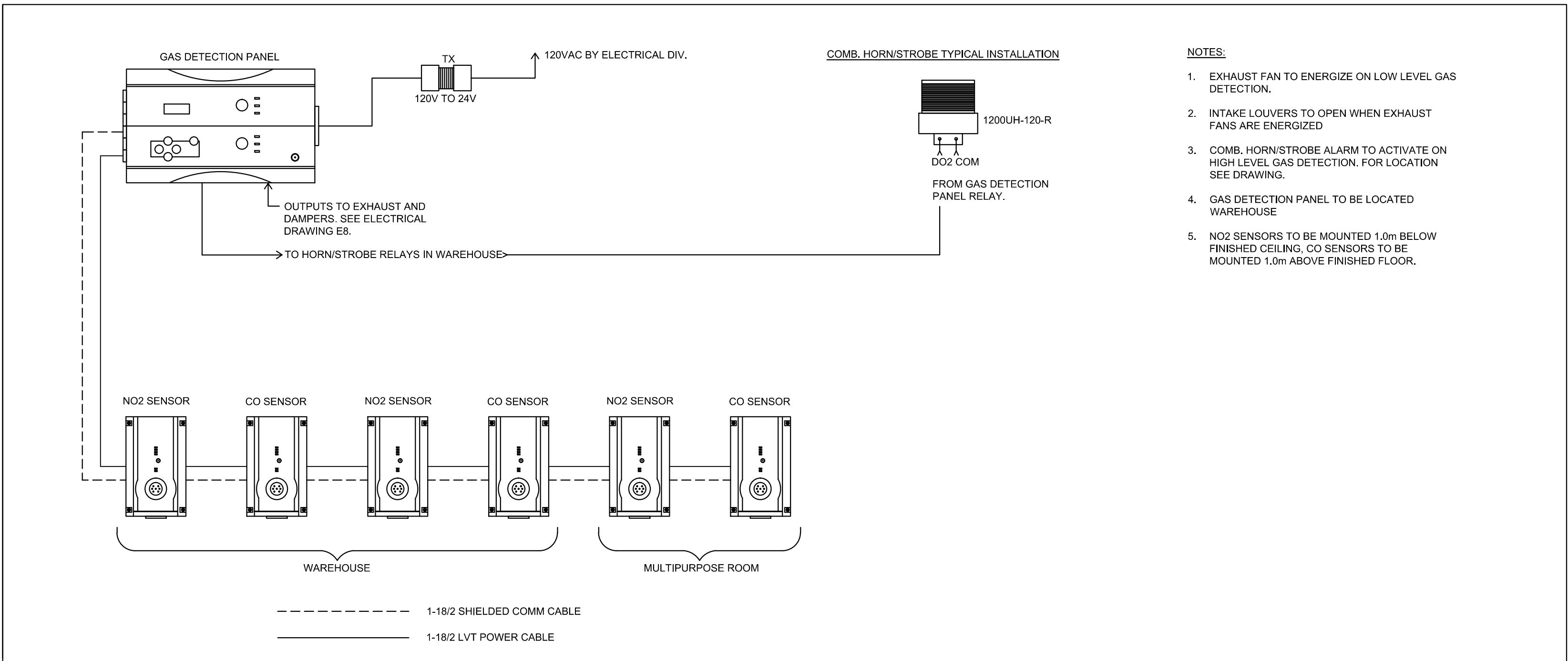
EQUIPMENT TAGS

CU-#	CONDENSER
EV-#	EVAPORATOR
HRV-#	HEAT RECOVERY UNIT
UH-#	UNIT HEATER
F-#	FAN
UH-#	UNIT HEATER
	HYDRONIC BASEBOARD HEATER

FIRE PROTECTION

— S —	SPRINKLER PIPING
○	PENDENT SPRINKLER HEAD
○	UPRIGHT SPRINKLER HEAD
○ LH	LIGHT HAZARD GROUP
○ OHG-1	ORDINARY HAZARD GROUP ONE

CONDENSING UNIT SCHEDULE															
TAG	MANUFACTURER	MODEL	LOCATION	CAPACITY (KW)	ELECTRICAL DATA			REFRIGERANT	MCA (AMPS)	MOCP (AMPS)	FAN		COMPRESSOR TYPE	SERVING	COMMENTS
					(VOLTS)	(PH.)	(Hz)				AIRFLOW (L/S)	MOTOR AMPS			
CU-1	-	-	-	-	208	1	60	R-410A	-	-	-	-	-	MULTIPURPOSE ROOM/OFFICE	SEE SPEC.



GAS DETECTION DETAIL  
N.T.S.

01  
M9

C03	ISSUED FOR TENDER	08/30 2019
C02	RE-ISSUED FOR TENDER	02/14 2019
C01	ISSUED FOR TENDER	09/28 2018
revisions		date

project

MAINTENANCE GARAGE  
REHABILITATION  
ST. ANTHONY AIRPORT

drawing

MECHANICAL  
SCHEDULES

designed	D.M.	conçu
date	2016.11.22	
drawn	D.B.	dessiné
date	2016.11.22	
approved	K.S.	approuvé
date	2016.11.22	
Tender		Submission
project number	PWSSC Project Manager	Administrateur de projets TPSSC
	R.077269.001	
drawing no.		no. du dessin
	M9	