

PLUMBING - HEATING - AIR CONDITIONNING - PETROLEUM PRODUCTS

	SANITARY DRAIN		GLOBE VALVE		GATE-VALVE		STRAINER		BLIND FLANGE
	DRAINAGE PIPING LOCATED AT THE CEILING		BALL VALVE		CHOCKPROOF REDUCING VALVE		STRAINER WITH DRAIN VALVE		PIPING UP
	STORM DRAIN		STOP AND BALANCING VALVE		CHECK VALVE WITH FLOOR ACCESS TRAP		PRESSURE GAUGE WITH BALL VALVE		PIPING DOWN
	BLIND OR FRENCH DRAIN		BUTTERFLY VALVE		UNION		THERMOMETER		DOWNWARD CONNECTION
	SEWER		NEEDLE VALVE (GAZ)		FLANGE		PRESSURE GAUGE FITTING WITH BALL VALVE		UPWARD CONNECTION
	VENT		NEEDLE VALVE		WATER HAMMER ARRESTOR		IMMERSION WELL FOR THERMOMETER		DRAINER ELBOW
	OIL NO X - SUPPLY		DRAIN VALVE WITH HOSE FITTING AND CAP		PRESSURE SAFETY VALVE		MANUAL AIR VENT		FILTER
	OIL NO X - RETURN		SLOW OPENING VALVE		PRESSURE AND TEMPERATURE SAFETY VALVE		AUTOMATIC AIR VENT		FLOOR DRAIN
	OIL NO X - VENT		QUICK OPENING VALVE		WALL HYDRANT		FLEXIBLE CONNECTOR		FUNNEL FLOOR DRAIN
			PRESSURE REDUCING VALVE		ENCASED HYDRANT		EXPANSION JOINT WITH GUIDES		ROOF DRAIN
			CHECK VALVE		INTERIOR WALL HYDRANT		SLEEVE		OPEN DRAIN
					CLEAN OUT		PUMP		FLOOR DRAIN
					CLEAN OUT WITH FLOOR ACCESS TRAP		CONCENTRIC REDUCER		FUNNEL FLOOR DRAIN
							ECCENTRIC REDUCER		
							SCREWED CAP TIGHT		

EQUIPMENTS IDENTIFICATION

AS : TRAP PRIMER
AT : UNIT HEATER
B : BATH
BC : CATCH BASIN
C : AIR COMPRESSOR
CA : WATER CLOSET
CC : CONDENSOR-COMPRESSOR
CD : CONDENSOR
CH : CHIMNEY
CL : AIR CONDITIONNER
CN : NUMERIC CONTROLLER
CP : PULSE COUNTER
D : SHOWER
DU : EMERGENCY SHOWER
DX : DIRECT EXPANSION COIL
E : SINK
EO : EXCHANGER
F : FILTER
FR : FONTAIN
HC : SUCTION HOOD
HL : FUME CUPBOARD
HU : HUMIDIFIER
INT : INTERCEPTOR
L : LAVATORY
LY : EYE WASH
P : PUMP
PD : FEED PUMP
PF : PRE-FILTER
PM : MURAL LOUVRE
RE : EXPANSION TANK
RF : COOLER
RM : MOTORIZED DAMPER
SC : HEATING COIL
SE : ELECTRIC COIL
SER : RECUPERATION COIL
SG : GLYCOL COIL
SI : SILENCER
SM : SIDEWALL EXHAUST
SPC : PREHEATING COIL
SPG : GLYCOL PRESSURIZATION SYSTEM
SR : COOLING COIL
TE : WATER TOWER
U : URINAL
UAE : OUTDOOR AIR UNIT
UC : CLIMATION UNIT
UT : TERMINAL UNIT
UV : VENTILATION UNIT
VA : ALIMENTATION FAN
VC : FAN COIL
VE : EVACUATION FAN
VP : BLADE FAN
VR : RETURN FAN
VS : FAN-COIL
VT : TRANSFER FAN

NOMENCLATURE

SAME SYSTEM EQUIPMENT NUMBERING (OMITTED WHEN ONLY ONE PIECE OF EQUIPMENT OF A SINGLE TYPE IN ONE SYSTEM)

NOMENCLATURE

SYSTEME NO.

COMMON SYMBOLS

EAM : EQUIPMENT TO BE MODIFY
EAR : EQUIPMENT TO BE RELOCATED
EC : EQUIPMENT TO REMAIN
EE : EQUIPMENT TO REMOVE
ER : RELOCATED EQUIPMENT
N : NEW EQUIPMENT
EH : UP
EB : DOWN
NF : NORMALLY CLOSED
NO : NORMALLY OPENED
CAP AT THIS POINT
CONNECT AT THIS POINT
REMOVE UP TO THIS POINT AND CAP IF NECESSARY
EXISTING TO REMAIN
EXISTING TO REMOVE
NEW

NOTE #KY : NOTE No X ON DRAWING No Y

SECTION No

SEE DRAWING No.

DETAIL No

SEE DRAWING No.

GENERAL NOTES

- ALL SYMBOLS DO NOT NECESSARILY APPLY TO THIS PROJECT
- THE DIFFERENT SYMBOLS OF THIS LEGEND WERE GROUPED BY SPECIALTY TO FACILITATE USE. THE USE OF A SYMBOL IS NOT LIMITED TO THE SPECIALTY INDICATED FOR THE LEGEND AS A WHOLE AND THE MEANING OF A SYMBOL REMAINS THE SAME FROM ONE SPECIALTY TO ANOTHER UNLESS OTHERWISE DRAWING AND / OR SPECIFICATIONS.

LEGEND & SYMBOLS OF FUEL OIL PRODUCTS

ITEM	SYM.	DESCRIPTION	# CODE	ITEM	SYM.	DESCRIPTION	# CODE
1		OUTSIDE UNDERGROUND TANK TYPE: FIBRE GLASS, DOUBLE WALL : APPROVED ZOL OR EQUIVALENT GUARANTEE: ZOL OR EQUIVALENT		11		SOLENOID VALVE MANUFACTURER: ASCO SERIES 8266 (NORMALLY CLOSED) NOTES: SPECIFY A BIGGER DIAMETER THAN THE PIPING ON WHICH IT IS CONNECTED, CONNECTION 24DC. INSTALL A PIPING OF BYPASS OF THE VALVE	B139-09 / 6.8.6
1a		MANHOLE COVER 525# C/W GASKET		12		AIRTIGHT JUNCTION BOX (EXPLOSION PROOF)	
1b		COVER C/W GASKET		12a		FILTER MANUFACTURER: RACCOR QUANTITY AND CAPACITY: BASED ON THE MANUFACTURER RECOMMENDATION	
1c		FIBER REINFORCING COMPOSITE ACCESS COVER 1065mm# C/W STAINLESS STEEL BOLT AND HANDLE		12b		FILTER TYPE: SPIN-ON, 30 MICRONS MANUFACTURER: ACCORDING TO LOCAL AVAILABILITY	
1d		SERVICE BOX FOR LEAK DETECTION SENSOR		13		FIRE VALVE MANUFACTURER: MORRISSON NOTE: CLOSURE AT 165°	
1e		NON DISCRIMINATE LEAK DETECTION SENSOR OR CALCIUM CHLORINE BRINE SOLUTION VEEDER-ROOT 794390-407		14		FLEXIBLE FITTING MANUFACTURER: AEROQUIP MODELS FC-234	B139-09 / 8.3.1.4
1f		DROP TUBE		15		PUMP MANUFACTURER: VIKING	B139-09 / 6.8.7
1g		SERVICE BOX FOR OBSERVATION WELL		16		CHECK VALVE MANUFACTURER: VELAN	
1h		BULKHEAD FITTING (100#) (4")		17		FITTING: ELBOW, TEE, UNION MANUFACTURER: NORTH AMERICAN MANUFACTURER	
1i		BULKHEAD FITTING (50#) (2")		18		BALL VALVE MANUFACTURER: VELAN, MODEL APPROVES API-607, LOCKABLE HANDLE	B139-09 / 8.4.1
1j		OBSERVATION WELL: - PERFORATED CONDUIT PVC 150 COVERED WITH A FILTERABLE BOTTOM - BOTTOM CAP - ACCESS CAP		19 & 20		COMBINED-MANOMETER-VACUUM GAUGE 65MM, METRIC SCALE & IMPERIAL (kPa / psi)	
1k		DIRECT FILLING EBW MODEL 77720201 WITH BOX OF CONFINEMENT EBW MODEL 70240465, PIPING 100#		21		PRESSURE SWITCH MANUFACTURER: McDONNELL and MILLER	B139-09 / 11.2.2
2		OUTSIDE ABOVEGROUND TANK, TYPE : WITH SECONDARY CONTAINMENT ULC-S653 ON SKID	B139-09 / 6.2.1.1	22		FLOW SWITCH MANUFACTURER: McDONNELL and MILLER	
3		INSIDE ABOVEGROUND TANK, TYPE: RECTANGULAR WITH SINGLE STEEL WALL CONFORM TO ULC-C142.18	B139-09 / 6.2.1.1	23		PRESSURE RELEASE VALVE ITEM INCLUDED WITH PUMPS, PRESSURES ADJUSTMENT BASED ON DESIGN	B139-09 / 8.4.2 & 11.2.4
4		UNDERGROUND VENT PIPING : FLEXIBLE SINGLE WALL MANUFACTURER: APT	-	24a		RETENTION BASIN FOR PUMP TYPE: STAINLESS STEEL WELDS AND QUENCHES CALIBRATED 16 24"x24" x4" OF HEIGHT (600x900x100)	-
4a		ABOVEGROUND VENT PIPING, TYPE, GALVANIZED STEEL, SCHEDULE 40.	-	24b		SECONDARY CONTAINMENT FOR DAY TANK TYPE: SECONDARY CONTAINMENT HAVING A CAPACITY AT LEAST EQUAL TO THE LARGEST TANK	B139-09 / 6.4.6 NFPA 4.3.7
4b		VENT CAP: TYPE: MUSHROOM WITH ANTI-MOSQUITO SREEN MANUFACTURER: APT	B139-09 / 6.9.1.6	25		LEAK DETECTION SENSOR NON DISCRIMINATE MANUFACTURER: VEEDER-ROOT MODELS:794380-208 PLACE: FLOOR OF ROOMS	B139-09 / 8.3.2.1.3
5		UNDERGROUND FILL PIPING TYPE: FLEXIBLE DOUBLE WALL 50# MANUFACTURER: APT	B139-09	25a		LEAK DETECTION SENSOR DISCRIMINATE MANUFACTURER: VEEDER-ROOT MODELS:794380-322 PLACE: - FLOOR IN PUMPS ROOM OR GENERATOR ROOM - SECONDARY CONTAINMENT IN OUTSIDE TANK	B139-09 / 8.3.2.1.2
5a		ABOVEGROUND FILL PIPING TYPE: BLACK STEEL, SCHEDULE 40		26		LEVEL CONTROL FOR TANK(S) PLACE: SUELVES EXPECTED UNLESS THE TANK HEIGHT DOES NOT PERMIT IT. IN THAT CASE THE PUMPS NON START ALARM SHALL BE CANCELLED. MANUFACTURER: BEST-O-BELL	B139-09 / 8.6.10.2 & 11.2.3
5b		FILL CAP TYPE: QUICK CONNECT WITH KAMLOK DUST CAPE ADAPTOR	B139-09 6.8	26a		LEVEL CONTROL FOR TANK (S) TYPE:2 LEVELS ULC / ORD-CS8.15 FABRICANT: BEST-O-BELL	
6		SPILL CONTAINMENT BOX TYPE: LOCKABLE, WHITE COLOR PAINTED STEEL CONFORM TO ULC-CS8.19		27		LEVEL SENSOR MAG 1 MANUFACTURER: VEEDER-ROOT	
7		VENT ALARM WHISTLE USAGE: FOR ALL ABOVEGROUND INSIDE OR OUTSIDE TANK		27a		VACUUM SENSOR MANUFACTURER: VEEDER-ROOT	
8		OVERFLOW ALARM TYPE: VISUAL AND AUDIBLE MANUFACTURER: VEEDER-ROOT EXCEPT FOR FAR REGION, USE "ALARM CONSOL" FROM EBW	B139-09 / 6.10.2				
9		SPILL CONTAINMENT BOX FOR EXTERIOR ABOVEGROUND TANK TYPE: SHOP FABRICATED CONFORM TO ULC-S653 WITH LOCKABLE PADLOCK					
10		ANTI-SYPHON VALVE USE: WITH TRANSFER PUMPS MANUFACTURER: OPW, ADJUSTED BASED ON HEIGHT OF HEAD	B139-09 / 6.8.7 & 8.3.2.1.15				
B139-09: INSTALLATION CODES FOR THE DEVICES OF FUEL OIL COMBUSTION							
RB90: QUEBEC CONSTRUCTION CODE CHAPTER VIII RB90							
NFPA: NATIONAL FIRE PROTECTION ASSOCIATION							
NFCC: NATIONAL FIRE CODE OF CANADA 2010							

Service Correctionnel Canada

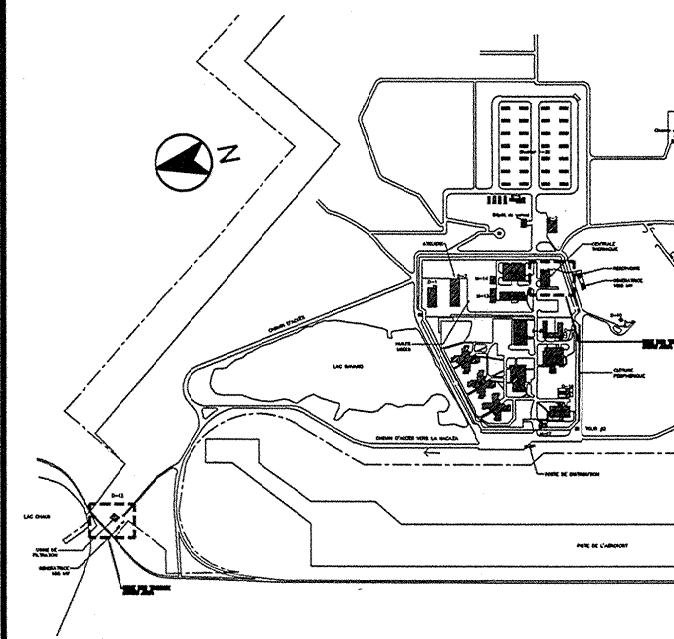
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B	B no. de la feuille-où détail exigé sheet no. - where detail required
C	C no. de la feuille-où détaillé sheet no. - where detailed

Projet
SERVICE CORRECTIONNEL CANADA
CORRECTIONAL SERVICE CANADA
321, chemin de l'aéroport, La Macaza, Qc, J0T 1R0

SCC - LA MACAZA
MISE AUX NORMES SYSTÈMES
DE STOCKAGE
UPGRADING PETROLEUM
STORAGE SYSTEMS

Dessin Drawing

MÉCANIQUE
MECHANICAL

LÉGENDE ANGLAIS
ET LISTE D'ÉQUIPEMENTS

ENGLISH LEGEND
AND EQUIPMENTS LIST

Conçu par Designed by
Marc Bachkongi ing. 29.04.2015
Date

Dessiné par Drawn by
Valentin Irimia tech. 05.05.2015
Date

Approuvé par Approved by
Mark Bachkongi ing. 08.05.2015
Date

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