Company Comp		EQUIPMEN	N T			EQUIPME	N T		PRO	CESS IDENTIFICATION	area legend
Section Sect	ASC	ADJUSTABLE SPEED CONTROLLER (FLEC)	$\overline{}$	LEVEL CONTROL CATE		P GATE		RECEIVER OR	PRIMARY PROCES	SS FLOW	
## 15 PART PAR			S	LEVEL CONTROL GATE		TOU DOTABLE OVERES ON			———— SECONDARY PRO	┌─ MATERIAL CODE	
March Marc	.Q	DRIVE (MECH)	P		SCRE	LA, NOTANT OVERFLOW		TANK, DOUBLE WALLED		DE BOUNDARY YYY-XXX	300 – TERIARY TREATMENT
## CASE OF THE CAS	//	BAR SCREEN, MECHANICAL		MIXER	I≒ SILEI	NCER		TANK		AND EQUIPMENT	500 - EFFLUENT WATER SYSTEM
	6/		\approx	MIXER, HORIZONTAL SURFACE	CONL	DENSATE TANK			""", """,	AND EQUIPMENT TO BE REMOVED	600 - SERVICE AIR
March 1997 See of 1997 S		INLINE SLUDGE SCREEN	\bowtie	-		PIDE LINE O	FVICES			NDAR I	
Company Comp		DIOMED OD CENTRICION		MIXER, INLINE STATIC	1	FIFE LINE D			PRUCESS & SI	ORAL CRUSS REFERENCE STSTEM	
Section of the control of the cont	(O)	FAN	M	MOTOR	- INJE	CTOR		AUTOMATIC AIR VENT	NN/XX FLOW STREAM TO SHEET N	M NO. NN ○. XX FLOW STREAM TO OR FROM EQUIPMENT NOT SHOWN ON	
Section Process Proc		SLIDING VANE COMPRESSOR				ME ARRESTER	\$	MANUAL AIR VENT	SICNAL NO		COMMODITY ABBREVIATIONS
March State of the control March	≖			PUMP, CENTRIFUGAL	+ ZXIIII)+ FLAI	ME ARRESTER WITH RMAL SHUTOFF VALVE			NN/XX SIGNAL NO.	NO. XX	04 004/005555 4/0
Application	I	BOILER			+-CD+ FLAI	WE CHECK		STRAINER	SIGNAL CONTON SAME DE	TINUATION PAWING X = 1,2,3, ETC.	CL - SODIUM HYPOCHLORITE
## CONTROL OF THE PARTY OF THE		RIIRNER WASTE CAS	$M \rightarrow J$	PUMP, PROPELLER	↓ T TRA	P	.	FOOT VALVE			DHW - DOMESTIC HOT WATER
And Section		BOTTLE, WHOLE OND	\bigcirc	5,445 5,4545,444 6555,475	Ŭ †		<u>-</u>	AIR SEPARATOR		VALVES	DWS — DEWATERED SLUDGE
And the second	M	CENTRIFUGE	<u>\$</u>	PUMP, DIAPHRAGM OPERATED	Ľ	MENT TRAP	- -U		THREE WAY VALUE	NEEDLE VALVE	FEW - FILTERED EFFLUENT WATER
AND MARKET CORP. AND MARKET C	\triangle		(8)	PUMP, GEAR	⊠ ^{PRA} PRES ASSE	SSURE REDUCING EMBLY	Ϋ́D	DRAIN	SOLENOID VALVE	PRESSURE REGULATING VALVE (EXTERNAL SENSING)	FP – FLUSH POINT HFEW – HOT FILTERED EFFLUENT WATER
Mark Allers	L &	CHILLER			!			CALIBRATION CHAMBER	(NORMALLY OPEN)	CHECK VALVE	HL – HYDRATED LIME MLQ – MIXED LIQUOR
And Control of the		COMPRESSOR COTTON	L	PUMP, METERING	* <u>_</u>	IID SEPARATOR	₹ .		(NORMALLY CLOSED)	VALVE (INTERNAL SENSING)	O/F - OVERFLOW
## AND PROPERTY OF THE PROPERT		CUMPRESSOR, ROTARY SCREW	ـــــــــــــــــــــــــــــــــــــ	DIMP PROCEEDING CANATY	U — <u>A</u>		T	PULSATION DAMPENER		BACK PRESSURE	PE - PRIMARY EFFLUENT
April Apri	\Leftrightarrow	COMPRESSOR, PISTON	~	. Omi, I NOUNESSIVE CAVITI	U FIFE		† *	SIGHT GLASS		DOUBLE CHECK VALVE	RAS — RETURN ACTIVATED SLUDGE
AND DESCRIPTION AND DESCRI				PUMP, ROTARY LOBE	RUP (VAC	TURE DISK CUUM RELIEF)	"	SIGHT GLASS	BALL VALVE (NORMALLY OPEN)	- FRESSORE AND VACCOM	RS - RAW SEWAGE
AND TOTAL COLUMN For the Part of the P	vvvlvvv	DIFFUSER HEADER			ا اھ	TURE DISK		THERMOWELL	BALL VALVE	PUMP DISCHARGE VALVE VACUUM RELIEF VALVE	SE - SECONDARY EFFLUENT
ASSESSMENT NOTES OF THE PROPERTY OF THE PROP	[" "]	ENGINE	L	DUMP CHOUSEDON -	(PRE	ESSURE RELIEF)	ЮН	SUCTION GUIDE STRAINER	工	GAUGE OR ROOT VALVE	SRS - SCREENED RAW SEWAGE
				PUMP, SUBMERSIBLE	AIR	VENT	-	FLOW STRAIGHTENING VANES	BUTTERFLY IT		TWAS — THICKENED WATSE ACTIVATED SLUDGE VAC — VACUUM
AND ADDRESS	Ä	EJECTOR, PNEUMATIC			ρ [†] sπελ	AM VENT			_	TO A DED DELICE VALUE	
A STATE OF THE S	\bigcup			PUMP, VERTICAL	_			MOTORIZED CONTROL DAMPER	DIAPHRAGM VAI VE	T wow.	
Fig. Control Fig.			\coprod	·			<i>y</i>		ANGLE VALVE	CIRCUIT BALANCING VALVE	EQUIPMENT ABBREVIATIONS
## APPLIED TO SOURCE OF THE PROPERTY OF THE PR	[EV]	ELOW METER	□ †				¥	BALANCING DAMPER	1 /		AC — AIR COLUMN
## AND TO SERVICE OF THE LEGENDA STATES OF THE CONTROL STATES OF T		FLOW METER		PUMP, LINE SHAFT	→\\\— FLEY SEE	KIBLE CONNECTION NOTE 5	-		J. PINCH VALVE		
Security	RA	RIGHT ANGLE GEAR	4		————— AIR	FILTER (HVAC)	F	FIRE DAMPER			
ACCOUNT OF MALES AND ACCOUNT O			Υ	STOP LOG	—₩— HEA	TING COIL					BSCR - BASKET SCREEN
SAME CONTROL SAME SAME CONTROL	Θ	GENERATOR	<u>^</u>		NC/I		В	RACKORAFT DAMPER	VA	LVE OPERATORS	
Part Property Part	\bigcirc	GRINDER		SLIDE GATE (NORMALLY CLOSED)	/ HAR	O PIPF	<u> </u>	DAGADIAN I DAMI EN	M XX MOTOR ACTUATOR	S XX SOLENOID \hookrightarrow XX DIAPHRAGM	
THE DESCRIPTION OF THE PROPERTY OF THE PROPERT	Havo	HFAT FXCHANGER.		-	ΰπί	L	25,000				DAF - DISSOLVED AIR FLOTATION UNIT
AND SECURING ON THE CONTROL OF THE C	Harof	PLATE TYPE		SLIDE GATE (NORMALLY OPEN)		MISCELLANEOUS	DEVICES		H VV DUSTINATE ON MIDS	C vv. DIADHDACIA	
RESIDENCE AND WARE THE CONTROL OF THE COUNTRY OF TH	-	HEAT EXCHANGER,	ı		71-05-001		\$\$	SAMPLER	PNEUMATIC CTLINDER	(PRESSURE BALANCED)	LFS — LIME FEED SYSTEM
P - PARE OF FLUSTING LETA WALE DATE MARKET SCREEN MARKET SCREEN	Ţ	SPIKAL TIPE		TELESCOPIC GATE VALVE	×			CONTROL LINIT	NOTE:		
FLANGED SCIENCE GROOVED AND SECURITION STREET OF HERMAND STREET SHAPE AND SH		HEAT EXCHANGER, STRAIGHT TUBE TYPE			_ T_		•		XX: FO = FAIL	AL)	P - PUMP
NOTE: SOFT STORMER OF THE CONTRACT DIAMNOS. 1. THIS CHARMING IS CHORAL IN MATURE. SHIELD SHIPLD SH	† T		 	ULTRA VIOLET UNIT			⟨ P ⟩		FI = FAIL TO INTERMEDIATE POSITION		
A SMINGS ARE ARRANCE ON IN AUTHER SOUTH NOT BE URED ON THE CONTROLT DIAMENT. 1. THIS DRAWNED C.— THE DESTRUMENT TO SHE CONTROLT DIAMENT SO THE URED ON THE CONTROLT DIAMENT SO THE CONTROLT DIAMENT SO THE SHE TO MICHANICS. 5. SEEP TO MICHANICS. 5. SEEP TO MICHANICS. 6. SEEPE TO MICHANICS. 6		HEAT EXCHANGER, U-TUBE TYPE	\succeq	WEIR	NOTES						
SERVING OF THE NOTICE			====		1. THIS DRAWING IS GENE			USED ON THE CONTRACT DRAWINGS.		AND IN CATEGORIES FOR CONVENIENCE ONLY; SYMBOLS MAY BE USED ON	STR - AUTOMATIC STRAINER
FLANGED SCREWED GROVED WELDED FLANGE SPINN SINGLE LINE. 1. PROCESS PIPING SERVIN SINGLE LINE. FLANGED SCREWED GROVED MAN SINGLE LINE. FLANGES PIPING GROWED MAN SI				BASKET SCREEN			DESIGNATION SYSTEMS.		I	PECIFIC TYPE OF CONNECTOR.	
FLANGED SCREWED GROVED WELDED FLANGE SPINN SINGLE LINE. 1. PROCESS PIPING SERVIN SINGLE LINE. FLANGED SCREWED GROVED MAN SINGLE LINE. FLANGES PIPING GROWED MAN SI											
909 ELBOW TEE OUTLET DOWN THE OUTLET D		FI ANOTO COSTUTO TO		IPE LEGEND	El 1110ED	0000150 1151 055		GENERAL N	IUIES		
FIRST PAINS OF LARGER THAN 65Mm DIAMETER IS SHOWN DOUBLE LINE. 1. ALL SIZES OF PLUMBING PIPING IS SHOWN DOUBLE LINE. 1. ALL SIZES OF PLUMBING PIPING IS SHOWN DOUBLE LINE. 1. ALL SIZES OF PLUMBING PIPING IS SHOWN DOUBLE LINE. 2. PROCESS PIPING LARGER THAN 65Mm DIAMETER IS SHOWN DOUBLE LINE. 2. PROCESS PIPING LARGER THAN 65Mm DIAMETER IS SHOWN DOUBLE LINE. 2. PROCESS PIPING LARGER THAN 65Mm DIAMETER IS SHOWN DOUBLE LINE. 2. PROCESS PIPING LARGER THAN 65Mm DIAMETER IS SHOWN DOUBLE LINE. 3. ALL SIZES OF PLUMBING PIPING IS SHOWN DOUBLE LINE. 4. THIS DRAWNG IS TO BE READ IN CONJUNCTION WITH DRAWNGS STD POOD2. 6. HOW TURNED DOWN CONTROL VALVES, HOW, TEMPERATURE, PRESSURE, ANALYZER, LEVEL CONTROL VALVES. 6. N.O. INDICATES NORMALLY OFEN VALVES. 8. HOW SIDE OUTLET DOWN CONTROL VALVES. 8. HOW SIDE OUTLE		FLANGED SCREWED GROOT	OVED WELDED		FLANGED SCREWED	GROOVED WELDED					
ASP ELBOW	90ø ELBOW	$\mathcal{D} \neq \mathcal{D}$	7 2	TEE OUTLET DOWN						EXP-XX	INSULATED PIPE
ALTERAL LATERAL REDUCER CONCENTRIC LATERAL REDUCER CONCENTRIC LATERAL	45ø ELBOW		· 🗅	TEF OUTLET UP							O
LATERAL LAT	TEE	· —	-1 -2 ⁻² -3					3. ALL SIZES OF PLUMBING SHOWN SINGLE LINE.	PIPING IS	S EXPANSION COINT	METER
LATERAL ELBOW TURNED DOWN ELBOW TURNED DOWN ELBOW TURNED UP ELBOW SIDE OUTLET DOWN ELBOW SIDE OUTLET UP	ICE		· · ·		. Н -т-	h n			READ IN CONJUNCTION	EXPANSION JOINT In III	U VACUUM BREAKER VARI
ELBOW TURNED UP ELBOW TURNED UP ELBOW SIDE OUTLET UP ELBOW SIDE	LATERAL			REDUCER ECCENTRIC	□ -□-			WITH DRAWINGS STD POO	001 AND STD P0002.		
ELBOW TURNED UP © I O I O I O I O I O I O I O I O I O I	ELBOW TURNED DOWN			FLANGE	þ	þ		TEMPERATURE, PRESSURE	E, ANALYZER, LEVEL	FOUIPMENT IDENTI	FICATION
ELBOW SIDE OUTLET DOWN C CAP	ELBOW TURNED UP	© ⊣] 🛇	UNION	⊣ ⊢					DUTY	
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COUNDIENT ADDOCIMENT	ELBOW SIDE OUTLET UP		1 9	BALL AND SOCKET IN	-	ІНІ					
EQUIPMENT ABBREVIATION				2.122 7110 300NET 00						EQUIPMENT ABBREVI	ATION

Earth Tech
A Typo International List Company

17203-103rd Avenue EDMONTON, ALBERTA

PRELIMINARY
Not For Construction

OCT.15.2004

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No. Date Description

Iqaluit

CITY of IQALUIT,

Munavut

Design SNS
Drawn DKB

Director
Project Title

CITY OF IQALUIT
WASTEWATER
TREATMENT PLANT

LEGEND & SYMBOLS