A	AMMETER, AMPERES, AWNINGS	СНЕМ	CHEMICAL	-	EMPTY BED CONTACT TIME	GPS	GLOBAL POSITION SYSTEM	KIT	KITCHEN	Ν	NORTH, NEUTRAL
	AQUA AMMONIA	CHKD CHLR	CHECKERED CHILLER		ECCENTRIC	GR GRD	GLYCOL RETURN, GRILLE (GENERAL) GRILLE (DIFFUSER)	K-PL		N2	NITROGEN
AADF AB	ANNUAL AVERAGE DAILY FLOW ANCHOR BOLT, ABOVE	CHR	CHILLED WATER RETURN		EMERGENCY EYEWASH EDUCTOR	GRTG	GRATING	KSK KV	KITCHEN SINK KILOVOLTS	NA NAP	NOT APPLICABLE, NON-AUTOMATIC
ABDN	ABANDON	CHS	CHILLED WATER SUPPLY	EF	EACH FACE, EXHAUST FAN	GRS	GRIT SLURRY	KVA	KILOVOLT AMPERES	NC	NORMALLY CLOSED
AC	ACOUSTICAL, ACOUSTICAL CEILING	CI	CAST IRON CAST IRON PIPE, CAST IN PLACE		EFFICIENCY, EFFICIENT	GRT	GRIT	KVAR	KILOVOLT AMPERES REACTIVE	NEUT	NEUTRAL
AC	ALTERNATING CURRENT ASPHALTIC CONCRETE	CIP	CULVERT INLET PROTECTION		EFFLUENT EXTERIOR INSULATION AND FINISH SYSTEM	GS GSB	GLYCOL SUPPLY GYPSUM SOFFIT BOARD	KW	KILOWATT	NFW NG	NETWORK FIREWALL
ACFL	ACCESS FLOORING	CISP	CAST IRON SOIL PIPE		ELEVATION	GSP	GALVANIZED STEEL PIPE	L	ANGLE, LENGTH	NG	NEUTRAL GROUNDING RESISTOR
ACI ACMU	AMERICAN CONCRETE INSTITUTE ACOUSTICAL CONCRETE MASONRY	CJ CKT	CONSTRUCTION JOINT CIRCUIT		ELBOW, EMERGENCY LIGHTING BATTERY PACK ELECTRIC, ELECTRICAL	GD	GUTTER DRAIN	LA	LIGHTNING ARRESTER	NGVD	NATIONAL GEODETIC VERTICAL DATUM
ACMU	UNIT, ACOUSTICAL CMU	CL	CENTERLINE		ENGINEER	GV GVL	GATE VALVE GRAVEL	LAB LAM	LABORATORY LAMINATE	NGW	NETWORK GATEWAY
ACP	ACOUSTICAL PANELS, ACCESS CONTROL PANEL	CLDI	CEMENT LINED DUCTILE IRON	EOP	EDGE OF PAVEMENT	GWB	GYPSUM WALLBOARD	LAT	LATITUDE	NJ NJT	NETWORK JACK NETWORK JACK (TELEPHONE)
ACST	ACOUSTICAL	CLSF CLG	CONTROLLED LOW STRENGTH FILL CEILING		EROSION AND SEDIMENT CONTROL	GYP	GYPSUM	LB	POUND	NMC	NETWORK MEDIA CONVERTER
ACT ACU	ACOUSTICAL TILE AIR CONDITIONER UNIT	CLR	CLEAR, CLEARANCE		EXPLOSION PROOF, EDGE OF PAVING EQUAL			LCP	LOCAL CONTROL POINT	NIC	NOT IN CONTRACT
AD	AREA DRAIN, AIR DRYER	CLSM	CONTROLLED LOW STRENGTH MATERIAL		EQUALLY SPACED	н Н2	HIGH, HORN OR HOWLER HYDROGEN		LIGHTING CONTACTOR COMBINATION LOUVER/DAMPER	N.O. #	NORMALLY OPEN
ADDL	ADDITIONAL	CM CMP	CLARIFIER MECHANISM CORRUGATED METAL PIPE, COMPRESSOR	EQPT	EQUIPMENT	H2S	HYDROGEN SULFIDE	LDB	LOAD BANK	NO., <b>#</b> NOM	NUMBER NOMINAL
ADJ ADP	ADJACENT AUTOMATION DEVICE PANEL	CMU	CONCRETE MASONRY UNIT	ES	ELECTRIC SUPPLY	H.A.S.	HEADED ANCHOR STUD HOLLOW CORE WOOD, HEATING COIL	LDG	LOADING DOCK	NP	NETWORK PANEL, NON-PROTECTED
ADW	DRY WEATHER AVERAGE	CN	NETWORK CABLE		EROSION AND SEDIMENT CONTROL	HCC	HEATING COIL CONTROLLER	LDS	LAND DRAINAGE SEWER	NPT	NATIONAL PIPE THREADS
AF	AERATION FAN	CNTR CNV	COUNTER CONVEYOR		ELAPSED TIME METER END OF VERTICAL CURVE	HCE	HEATING COIL (ELECTRIC)	LEL LF	LOWER EXPLOSIVE LIMIT LINEAR FEET	NRA NRT	NETWORK RADIO NETWORK ROUTER
AFD	ADJUSTABLE FREQUENCY DRIVE	CO	CLEANOUT, CARBON MONOXIDE		EACH WAY	HCL	HYDROCHLORIC ACID	LG	LONG	NS	NON-SHRINK
AFF AFG	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE	CO2 COL	CARBON DIOXIDE COLUMN, COLOR	EWC	ELECTRIC WATER COOLER	HCO HDNR	HYDRAULIC OIL HARDENER	LGO	LUBRICATING OIL	NSW	NETWORK SWITCH (ETHERNET)
AG	ACOUSTICAL, ACOUSTICAL GLASS, AGITATOR	CON	CONDENSATE, CONTRACTOR	EXH	EXHAUST	HDNS	HARDNESS	LH LHR	LEFT HAND LEFT HAND REVERSE	NTS	NOT TO SCALE
AGGR	AGGREGATE	CONC	CONCRETE		EXPANSION, EXPOSED EXPANSION ANCHOR BOLT	HDR HDW	HEADER HARDWARE	LLH	LONG LEG HORIZONTAL	02	OXYGEN
AHP AHR	AIR HIGH PRESSURE ANCHOR	CONDTN CONN	CONDITIONED CONNECTION		EXPANSION JOINT	HDW HF	HARDWARE HEAT EXCHANGER	LLV	LONG LEG VERTICAL	0 TO 0	
AHU	AIR HANDLING UNIT	CONSTR	CONSTRUCTION	EXST,		HF	HARMONIC FILTER			OA OC	OUTDOOR AIR, OVERALL, ODOROUS AIR ON CENTER
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	CONT	CONTINUED, CONTINUOUS, CONTINUATION		EXISTING	HFW	HOT FLUSHING WATER	LONG LOS	LONGITUDINAL LOCK-OUT STOP PUSHBUTTON	00 00	OPEN-CLOSE (O)
AJ	ADJUSTABLE	CONTR	CONTRACTOR	EXT	EXTERIOR	HGL HK	HYDRAULIC GRADE LINE HOOK	LOX	LIQUID OXYGEN	OCA	OPEN-CLOSE-AUTO
AL ALKY	ALUMINUM ALKALINITY	COORD COP	COORDINATE COPPER	•F	DEGREE FAHRENHEIT, FAN – GENERAL	HGT	HEIGHT	LP	LIGHT POLE, LIGHTING PANEL, LOCAL PANEL	OCR	OPEN-CLOSE-REMOTE
ALP	AIR LOW PRESSURE	CP	CENTER PIVOT, CONTROL PANEL		FLAME ARRESTOR FIRE ALARM ANNUNCIATION PANEL	НН НID	HANDHOLE HIGH INTENSITY DISCHARGE	LPT	LOW POINT	OD	OUTSIDE DIAMETER, OVERFLOW DRAIN, OVERHEAD DOOR
ALTN	ALTERNATE	CPR	CATHODIC PROTECTION RECTIFIER		FIRE ALARM CONTROL PANEL	HK	HOOK	LPS LR	LOW PRESSURE STEAM LATCHING RELAY, LOCALE-REMOTE, LONG RADIUS	0.F.	OUTSIDE FACE
A/M AMRD	AUTO–MANUAL ACOUSTICAL METAL ROOF DECKING	CP-X	CONTROL PANEL NO. X		FIRE ALARM SYSTEM	НМ	HOLLOW METAL	LS	LABORATORY SINK	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
ANDZ	ANODIZE	CPLG CPRSR	COUPLING COMPRESSOR		FLAT BAR	HMI	STANDALONE HUMAN MACHINE INTERFACE	LT	LEFT	OFOI	OWNER FURNISHED, OWNER INSTALLED OVERLOAD RELAY
ANT	ANTENNA	CPRSR	COMFRESSOR CONTROL POWER TRANFORMER, CARPET	FU F, FX	FUSE FIXED	HO HOA	HOIST HAND-OFF-AUTO	LTG, LTS	LIGHTS OR LIGHTING	00	OVERLOAD RELAT
APPROX	APPROXIMATE	CPVC	CHLORINATED PVC	•	FERRIC CHLORIDE, FLEXIBLE CONDUIT, FAN COIL	HOP	HOPPER	LWL	LOW WATER LEVEL	OOA	ON-OFF-AUTO
APVD	APPROVED	CRN	CONTROL RELAY, CRANE	-	FLANGED COUPLING ADAPTER	HOR	HAND-OFF-REMOTE	MA	MIXED AIR, MANUAL-AUTO	OOR	ON-OFF-REMOTE
ARCH AS	ARCHITECTURAL AIR SCOUR, AS SELECTED	CRS CRS	COLD ROLLED STEEL CONSTRUCTION ROAD STABILIZATION		FREE CHLORINE RESIDUAL	HORIZ	HORIZONTAL	MAS	MASONRY	OP OPER	OPAQUE PANEL, OUTLET PROTECTION OPERATOR
ATS	AUTOMATIC TRANSFER SWITCH	CRS	COMBINED SEWER, COMPUTER SERVER		FLOOR CLEANOUT FLOOR DRAIN, FIRE DAMPER	HP HPT	HORSEPOWER, HEAT PUMP HIGH POINT	MATL	MATERIAL	OPER	OPENING
AUTO	AUTOMATIC	CSTE	CUSTOMER SERVICE TERMINATION EQUIPMENT		FIELD DEVICE PANEL	HPU	HYDRAULIC POWER UNIT	MAX	MAXIMUM MACHINE BOLT	OPP	OPPOSITE
AUX	AUXILIARY	СТ	CERAMIC TILE, COOLING TOWER	FDN	FOUNDATION	HR	HOSE RACK, HANDRAIL	MC	MASONRY CLEARANCE	OSA	OUTSIDE AIR
AVG	AVERAGE	CT	CURRENT TRANSFORMER COMPUTER TERMINAL CABINET	FDR	FEEDER	HRC	HIGH RATE CLARIFICATION, HEAT RECOVERY COIL	MC	MODULATE-CLOSE	OSC	OPEN-STOP-CLOSE
AWW @	WET WEATHER AVERAGE AT	CTR	CENTER		FUSIBLE DISCONNECT SWITCH FINAL EFFLUENT	HRS	HIGH RATE SLUDGE	MCC	MOTOR CONTROL CENTER	OSD OWSJ	OPEN SITE DRAIN OPEN WEB STEEL JOIST
G		CTRD	CENTERED		FIRE EXTINGUISHER	HTR HUM	HEATER HUMIDIFIER	MCD	MASONRY CONTROL JOINT MOTOR CONTROL PROTECTOR	OZ	OUNCE
B BAL	BELL, BLOWER BALANCE	CTSK	COUNTERSUNK		FINISHED FLOOR	HUM	HOMIDITER HOSE VALVE, HAND/MANUAL VALVE	MCF	MOULDED CASE SWITCH	_	
BAT	BATTERY	CU	CUBIC, CONDENSER(ING) UNIT, COPPER		FINISH GRADE, FLOAT GLASS, FLAP GATE	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	MDO	MEDIUM DENSITY OVERLAY	P	PUMP, PROJECTED PULL BOX, PILASTER, PIPE
BC	BATTERY CHARGER	CUH	COPPER TUBING, HARD DRAWN CHECK VALVE		FLAT HEAD FIRE HYDRANT	HWL	HIGH WATER LEVEL	MECH	MECHANICAL	PB PAVT	PAVER TILE
BD	BALANCE DAMPER	CW	COMPUTER WORKSTATION		FIGURE	HWR HWS	HOT WATER RETURN HOT WATER SUPPLY	MET MFD	METHANOL MANUFACTURED	PC	PUSHBUTTON SWITCH
BETW BF	BETWEEN BLIND FLANGE, BOTTOM FACE	CWR	COOLING WATER RETURN, CABINET DOOR MOUNTED	FIL	FILTER	ПИЗ	HUT WATER SUFFET	MFR	MANUFACTURER	PC	POINT OF CURVE, PHOTOCELL
BFV	BUTTERFLY VALVE		WASTE RECEPTACLE		FLOW LINE	IAS	INSTRUMENT AIR SUPPLY	MGD	MILLION GALLONS PER DAY		PRECAST CONCRETE PANEL PRECAST CONCRETE CYLINDER PIPE
BL	BASELINE	CWS	COOLING WATER SUPPLY	FLG FL	FLANGE FLOOR	IC	INTERRUPTING CAPACITY	MH	MANHOLE, MOUNTING HEIGHT MINIMUM	PCV	PRESSURE CONTROL VALVE
BFP	BACKFLOW PREVENTER	CY,		FLEX	FLEXIBLE	ID IE	INDUCED DRAFT, INSIDE DIAMETER INVERT ELEVATION	MIN MISC	MISCELLANEOUS	PD	PROCESS DRAIN
BLDG BLK	BUILDING BLOCK	CU YD	CUBIC YARD		FLAT HEAD	IE LE	INSIDE FACE	MJ	MECHANICAL JOINT	PE	PRIMARY EFFLUENT, PLAIN END
BLR	BOILER	D	DEEP, DRAIN	FLTR	FILTER	IG	INSULATING, INSULATING GLASS	ML	MIXED LIQUOR	PED	PEDESTAL, PEDESTRIAN
ВМ	BEAM, BENCHMARK	d	PENNY NAIL SIZE	FLUOR FNSH	FLUORESCENT FINISH	INCAND	INCANDESCENT	MLO	MAIN LUGS ONLY	PEP PEN.	POLYETHYLENE PIPE PENETRATION
BO	BOTTOM OF		DUAL ACTION DEFORMED BAR ANCHOR	FOA	FOUL AIR		INFLUENT INJECTOR, INJECTIONS	MMDW MMP	DRY WEATHER MAXIMUM MONTH MECHANICAL MOUNTING PANEL	PFC	POWER FACTOR CORRECTION UNIT
B.O.B. BOD	BOTTOM OF BEAM BOTTOM OF DUCT	DBL	DOUBLE		FLAT ON BOTTOM	INJ/INJS INST	INSTANTANEOUS	MMF	MANUAL MOTOR STARTER	PLC	PROGRAMMABLE LOGIC CONTROLLER
BOP	BOTTOM OF PIPE	DC	DIRECT CURRENT		FLAT ON TOP	INSTM	INSTRUMENT, INSTRUMENTATION	MMWW	WET WEATHER MAXIMUM MONTH	PH	PENTHOUSE
BOT	BOTTOM	DCS	DISTRIBUTED CONTROL SYSTEM		FIELD PANEL FEET PER MINUTE	INSUL	INSULATION	MO	MANUAL OPERABLE, MASONRY OPENING	рН РН	HYDROGEN ION CONCENTRATION PHASE
BRG BRK	BEARING BRICK	DCW DEG	DOMESTIC COLD WATER DEGREE	FR	FORWARD REVERSE	INVT IP	INVERT INLET PROTECTION, INSTRUMENTATION PANEL	MP MPU	MIXED POLYMER, METAL PANEL MULTIPURPOSE UNIT	PI	POINT OF INTERSECTION
BRKR	BREAKER	DET	DETAIL		FIBERGLASS REINFORCED PLASTIC	IRRIG	IRRIGATION	MS	MANUFACTURER'S STANDARD, MOTOR STARTER	PIT	PILOT TUBE TEST STATION
BS	BAR SCREEN	DF	DOUGLAS FIR, DRINKING FOUNTAIN	FSHS FSL	FOLDING SHOWER SEAT FERMENTER SLUDGE	ITG	INSULATED TEMPERED GLASS	MSC	MANUFACTURER SUPPLIED CABLE	PJF	PREMOULDED JOINT FILLER
BSP	BLACK STEEL PIPE	DDI DG	DROP INLET DIGESTER GAS		FERMENTER SUPERNATANT	IU	INTAKE UNIT	MSP	MOTOR STARTER PANEL	PL Pl	PLATE (STEEL) PROPERTY LINE
BUS	BUSWAY	DGH	DIGESTER GAS DIGESTER GAS HIGH PRESSURE	FSW	FLUSHING WATER	IW	IRRIGATION WELL	MSR	GROUPED MOTOR CONTROL MOUNT	PLAM	PLASTIC LAMINATE
BV	BALL VALVE, BLOCK VENT BEGINNING OF VERTICAL CURVE	DH	DOUBLE HUNG		FOOT OR FEET	J	JALOUSIE	MTD	MOUNTED		F.
BVC BYP	BEGINNING OF VERTICAL CURVE BYPASS	DI	DUCTILE IRON	FTG FU	FOOTING FIXTURE UNIT, FUSE	JA	JAL-AWNING	MTG	MOUNTING	<u>1.</u>	CONTACT ENGINEER FOR ABBREVIATIONS USED
		DIA DIAG	DIAMETER		FULL VOLTAGE NON-REVERSING	JB .IRA	JUNCTION BOX JUNCTION BOX (AUTOMATION)	MTR	MOTOR		BUT NOT SHOWN ON THIS DRAWING.
С	CONDUIT, CASEMENT, CABLE (POWER)	DIAG	DIAGONAL DUCTILE IRON PIPE	FVR	FULL VOLTAGE REVERSING	JBN	JUNCTION BOX (NETWORK)	MTS	MILL TYPE STEEL PIPE, MANUAL TRANSFER SWITCH		ENERAL NOTE:
°C	DEGREE CELSIUS	DIP	DIRECTION	FWD	FORWARD	JAN	JANITOR	MU MV	MULCHING MERCURY VAPOR		
C TO C CA	CENTER TO CENTER COMPRESSED AIR, CABLE (AUTOMATION)	DISCH	DISCHARGE	G, GND	GROUND	JCT	JUNCTION	MWS	MAXIMUM WATER SURFACE	1.	THIS IS A STANDARD LEGEND SHEET. THEREFORE, NOT ALL OF THE INFORMATION SHOWN MAY BE USED ON THIS PROJECT.
CAB	CABINET	DHR	DOMESTIC HOT WATER RETURN	GA	GAUGE	Jſ	JOINT	MXR	MIXER		SHOWN MAY BE USED ON THIS PROJECT.
CAL	CALIBRATION COLUMN	UHW DI	DOMESTIC HOT WATER DECANT LIQUOR	GAL	GALLON	К	KEY GROUP, INTERLOCKING KEY				
CAP CB	CAPACITOR CATCH BASIN, CIRCUIT BREAKER	DN	DOWN	GALV	GALVANIZED				CH2MHILL®		
CBUS	CABLE BUS	DO	DISSOLVED OXYGEN	6C GC	GYPSUM BOARD GROOVED COUPLING						
CC	CENTER OF CIRCLE, COOLING COIL	DOL	DIRECT-ON-LINE	GCMU	GLAZED CONCRETE MASONRY UNITS				LAVALIN ENGINEERS	Wi	innipeg WATER AND WASTE DEPARTMENT
CCP	CENTRAL CONTROL PANEL	UP	DRY POLYMER, DISTRIBUTION PANEL	GDC	GAS DETECTION CONTROLLER				NED BY: CHECKED BY:		SOUTH END WATER POLLUTION CONTROL CENTRE
CCS CDF	CENTRAL CONTROL SYSTEM CONTROLLED DENSITY FILL	DK DS	DOOR DIGESTER SLUDGE, DOWNSPOUT, DISCONNECT SWITCH	GE		□		DRAWN	G. GERMAN J. CHENG		SEWPCC UPGRADING/EXPANSION PROJECT
CDF	CONTROLLED DENSITY FILL CONDENSER WATER RETURN, CONDENSER	DWG	DRAWING	GEN GEA	GENERATOR GROOVED FLANGE ADAPTER			.G. J.C.	G GERMAN H.T. FREIHAMMER	Addition of the second	GENERAL
CDS	CONDENSER WATER SUPPLY	DWL	DOWEL	GFA GFI	GROUND FAULT INTERRUPTER Certificate of Authorization	n I 🛏 🕂	ISSUED FOR 90% PRELIMINARY REVIEW 11/2015 G	.G. J.C. SCALE	NTS ISSUED FOR CONSTRUCTION	1 H	ABBREVIATIONS (1) $\int_{0.3}$
CE CFM	CENTRATE, CONSTRUCTION ENTRANCE, CENTRIFUGE CUBIC FEET PER MINUTE	$\bigtriangleup$	DELTA	GFR	GROUND FAULT RELAY CH2M HILL Canada Ltd.		ISSUED FOR CONSTRUCTION10/20150ISSUED FOR 60% PRELIMINARY REVIEW09/20150	G JC DATE:	NTS BY: T. TURZAK 2015/08/13 DATE: 2016/01/29	S. As	
CFM	CUBIC FEET PER SECOND	E	EAST, EMPTY	GH	GREENHOUSE No. 1441		ISSUED FOR TENDER 08/2015 G	.G. J.C. CONSI	IL TANT NO :		WING NUMBER SHEET REV. SIZE
CG	CALIBRATION GAS	EA	EACH, EXHAUST AIR	GL	GLASS		REVISIONS DATE DE		474248		)102-DDTL-A007 001 04 A1
							PLOT DATE: 2016\01\27		FILE NAME: 1-0102-DDTL-A007	-001.dgn	