

ELECTRICAL SYMBOL LEGEND

LIGHTING

	FLUORESCENT LUMINAIRE - SURFACE OR SUSPENDED	LTG_SURF
	FLUORESCENT LUMINAIRE - RECESSED	LTG_REC
	FLUORESCENT EMERGENCY LUMINAIRE - SURFACE OR SUSPENDED	LTG_S_E
	FLUORESCENT RECESSED EMERGENCY LUMINAIRE - RECESSED	LTG_R_E
	FLUORESCENT LUMINAIRE - WALL MOUNTED	LTG_SURF
	FLUORESCENT STRIPLIGHT LUMINAIRE	LTG_STP
	CEILING POT OR HID LUMINAIRE - SURFACE OR SUSPENDED	SPOT
	CEILING POT OR HID LUMINAIRE - EMERGENCY - SURFACE OR SUSPENDED	SPOT_E
	RECESSED POT OR HID LUMINAIRE - RECESSED	R_POT
	RECESSED POT OR HID LUMINAIRE - EMERGENCY - RECESSED	R_POT_E
	WALL SCONCE OR HID LUMINAIRE	W_POT
	WALL SCONCE OR HID LUMINAIRE - EMERGENCY	W_POT_E
	TRACK LIGHT	TRACK_LT
	POLE MOUNTED LUMINAIRE	POLE_HID
	POLE MOUNTED LUMINAIRE - DOUBLE HEADS	POLE_HID_2
	CEILING MOUNTED EXIT LIGHT - ARROWS AS REQUIRED	EXIT_C
	WALL MOUNTED EXIT LIGHT - ARROWS AS REQUIRED	EXIT_W
	BATTERY PACK C/W HEADS AS INDICATED	BAT_PACK
	WALL MOUNTED EMERGENCY REMOTE HEADS	REM_HEAD
	CEILING MOUNTED EMERGENCY REMOTE HEADS	REM_HD_C
	OCCUPANCY SENSOR	OC_SENSOR
	PHOTO ELECTRIC CELL	PC
	TIME CLOCK	TC
	NIGHT LIGHT	NL
	LUMINAIRE TYPE	LUM_TYPE
	SINGLE POLE SWITCH (USE TORIENT COMMAND TO STRAITEN ATTRIBUTES)	SW_SP

WALL SWITCH: 3 - THREE WAY LV- LOW VOLTAGE
 4 - FOUR WAY M - MOTOR RATED
 D - DIMMER PL- PILOT LIGHT
 EX- EXPLOSION PROOF WP- WEATHER PROOF
 K - KEY OPERATED

POWER

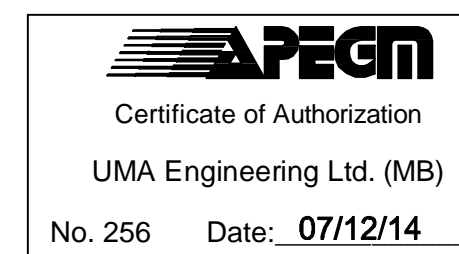
	DUPLEX RECEPTACLE	REC_		WALL MOUNTED CLOCK OUTLET ONLY	CLK_W
	CEILING MOUNTED RECEPTACLE	REC_C		WALL MOUNTED SINGLE FACE CLOCK	CLK_1F
	SINGLE RECEPTACLE	REC_SGL		WALL MOUNTED DOUBLE FACE CLOCK	CLK_2F
	FOUR-PLEX RECEPTACLE	REC_4PLX		CEILING MOUNTED CLOCK OUTLET ONLY	CLK_C
	ISOLATED GROUND RECEPTACLE	REC_IG		CEILING MOUNTED SINGLE FACE CLOCK	CLK_1FC
	SPLIT-FEED RECEPTACLE	REC_SPLT		CEILING MOUNTED DOUBLE FACE CLOCK	CLK_2FC
	GROUND FAULT RECEPTACLE	REC_GF		BELL	BELL
	120V RECEPTACLE (UPS POWER)	REC_120		PUSHBUTTON	PBUTTON
	SPECIAL 208V 1Ø RECEPTACLE	REC_2_1P		START-STOP PUSHBUTTON	START_STOP
	SPECIAL 208V 3Ø RECEPTACLE	REC_2_3P		BUZZER	BUZZER
	SPECIAL 347V RECEPTACLE	REC_347		HORN	HORN
	SPECIAL 600V WELDING RECEPTACLE	REC_600		KILL SWITCH/EMERGENCY STOP	SW_KILL
	SPECIAL RECEPTACLE	REC_SPE		PANEL BOARD - SURFACE MOUNTED	PNL_PWR
	SPECIAL RECEPTACLE - MOUNTED ABOVE COUNTER	REC_SPAC		MISC. PANEL BOARD - FLUSH MOUNTED	PNL_MISC
	DUPLEX RECEPTACLE - MOUNTED ABOVE COUNTER	REC_AC		MISC. PANEL BOARD - SURFACE MOUNTED	PNL_MISC_SURF
	SPLIT-FEED RECEPTACLE - MOUNTED ABOVE COUNTER	REC_SAC		THERMOSTAT	THERMOSTAT
	GROUND FAULT RECEPTACLE - MOUNTED ABOVE COUNTER	REC_GFAC		WALL MOUNTED JUNCTION BOX	JBO_W
	FLOOR MOUNTED DUPLEX RECEPTACLE	REC_FL		CEILING MOUNTED JUNCTION BOX	JB
	FLOOR MOUNTED FOUR-PLEX RECEPTACLE	REC_FL4P		FLOOR MOUNTED JUNCTION BOX	JB_FL
	FLOOR MOUNTED SPECIAL RECEPTACLE	REC_FLSP		WEATHER PROOF	WP
	SPLIT-FEED CAR POST C/W RECEPTACLE	REC_DIR		GROUND FAULT	GF
	EQUAL POTENTIAL GROUND RECEPTACLE	REC_POST		A.F.F. ABOVE FINISHED FLOOR	
	ISOLATED GROUND FOUR-PLEX RECEPTACLE	REC_PG		SYSTEM FURNITURE - POWER DIRECT CONNECTION	P_DIRECT_POLE
	ISOLATED/EQUAL POTENTIAL GROUND RECEPTACLE	REC_4IG		C-O-H COMPUTER-OFF-HAND	
	POWER/TELECOM - PACPOLE	REC_IGPG		H-O-A HAND-OFF-AUTO SWITCH	
	MOTOR	PACPOLE		(LOCAL TO EQUIPMENT CONTROLLED)	
	DISCONNECT SWITCH	MOTOR			
	FUSED DISCONNECT SWITCH	DISCSW			
	MAGNETIC MOTOR STARTER	DISCSW_FUSE			
	COMBINATION DISCONNECT/MAGNETIC MOTOR STARTER	MAGSTR			
	MANUAL MOTOR STARTER C/W PILOT LIGHT	COMBSTR			
	DIRECT CONNECTION - CONNECTION TO EQUIPMENT SUPPLIED UNDER OTHER DIVISIONS, CONDUIT AND WIRING UNDER DIVISION 16.	SW_MP			
	MANUAL MOTOR STARTER				

FIRE ALARM

	MANUAL PULL STATION	FA_PULL
	BELL C/W VISUAL ALARM LIGHT	FA_STROBE
	WALL MOUNTED HORN	FA_HORN
	WALL MOUNTED HORN/STROBE	FA_HORN_STR
	WALL MOUNTED BELL	FA_BELL
	WALL MOUNTED BELL/STROBE	FA_BELL_STR
	CEILING MOUNTED HORN	FA_HORN_C
	SMOKE DETECTOR	FA_SMOKE
	RATE OF RISE THERMAL DETECTOR	FA_ROR
	FIXED TEMPERATURE THERMAL DETECTOR	FA_FIXHT
	DUCT MOUNTED SMOKE DETECTOR	FA_DUCT
	END OF LINE RESISTOR	FA_EOL
	FIRE ALARM ADDRESSABLE MODULE	FA_ADDRESS
	SPRINKLER FLOW SWITCH	FA_FSW
	SPRINKLER PRESSURE SWITCH	FA_PSW
	SPRINKLER VALVE MONITOR	FA_VALVE
	CONTROL MODULE	FA_CONTROL
	SOLENOID VALVE	S_VALVE
	FIRE PHONE	FA_PHONE
	FIRE ALARM SPEAKER	FA_SPKR
	EXPLOSION PROOF	EXP

CONDUIT AND WIRE

	CONDUIT STUB		CONDUIT DRAIN SEAL
	HOME RUN		CONDUIT CAP
	VERTICAL LEVEL CHANGE (PLAN) OR RECEDING CONDUIT (ELEVATION)		CONDUIT
	CONDUIT FITTING		OVERHEAD POWER LINES
	CONDUIT BREATHER/DRAIN		CONDUIT UNDERGROUND OR CONCEALED
	CONDUIT SEAL		E.C. EMPTY CONDUIT
			GROUND ROD C/W WELL
			GROUND ROD WITHOUT WELL



QL	RS	BM	BM	BF
DRN	CHK	DES	ENG	IDR
UMA REVIEW				

B.M. ELEV.	FIELD BOOK #:	UMA AECOM	
POSTED TO LBIS		DESIGNED BY: BLM	CHECKED BY: -----
		DRAWN BY: QL	APPROVED BY: -
D ISSUED FOR BID	07/12/14	LJV	
C ISSUED FOR 100% REVIEW	07/11/09	SCK	
B ISSUED FOR ZONING	07/08/21	SCK	
A ISSUED FOR 80% REVIEW	07/06/18	SCK	
NO. REVISIONS	DATE	BY	FILENAME: D265-202-02_00-E-0002_RX.dwg

ENGINEER'S SEAL
 ISSUE / REVISION D
 ISSUED FOR BID
 WAS SEALED BY
 B.L. MOORE
 AND DATED
 07/12/14

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

PERIMETER ROAD PUMPING STATION UPGRADES
 Contract B - Building Upgrades

Electrical
 SYMBOLS LEGEND

CITY DRAWING NUMBER: 1-0111L-E0001 SHEET: 002 REV: D SIZE: D

D SIZE 22" x 34" (599mm x 864mm) PLOT: 07/12/14 9:01:50 AM UMA FILE NAME: D265-202-02_00-E-0002_RX.dwg Saved By: djl