



KEY NOTES:	
①	WIRE AND CONNECT NEW PUMP P-1 FROM NEW STARTER WITH A 3c#6 TECK CABLE. PROVIDE SIMILAR CONNECTION FOR P-2.
②	WIRE AND CONNECT NEW FLOW METER AND REMOTE DISPLAY. CONNECT TO EXISTING PANEL K. REMOVE EXISTING REDUNDANT EQUIPMENT TO MAKE SPACE FOR NEW DISPLAY.
③	RELOCATE EXISTING RECEPTACLES, CONTROL AND WIRING TO NEW CHLORINATOR. LOCATE ALL EQUIPMENT AND WIRING TO COORDINATE WITH NEW SINK.
④	WIRE AND CONNECT NEW PUMP P-1 WITH 3#6 RW90 IN EMT FROM DISTRIBUTION PANEL 6SD-1 TO A NEW MOTOR STARTER. PROVIDE A 70 AMP, 3 POLE BREAKER C/W ALL MOUNTING HARDWARE IN 6SD-1. MOTOR STARTER TO BE ALTISTART 22 ATS2D75S6U WITH VENTILATED, GASKETED ENCLOSURE. PROVIDE SIMILAR EQUIPMENT AND CONNECTIONS FOR PUMP P-2
⑤	WIRE AND CONNECT A NEW 600-480 VOLT, 3PHASE 15KVA TRANSFORMER (TR-UV) TO A NEW 20 AMP 3POLE BREAKER IN DISTRIBUTION PANEL 6SD-1 WITH 3#10 RW90 IN EMT. GROUND TRANSFORMER TO MAIN BUILDING GROUND WITH A #6 AWG CU CABLE.
⑥	WIRE AND CONNECT UV CONTROL PANEL TO A FUSED DISCONNECT SWITCH CONNECTED TO THE SECONDARY SIDE OF TR-UV. CONNECT BOTH WITH A 3c#10 TECK CABLE. FUSE CONTROL PANEL AS RECOMMENDED BY UV EQUIPMENT MANUFACTURER.
⑦	WIRE AND CONNECT UV UNIT TO CONTROL PANEL WITH A 3c#10 TECK CABLE.
⑧	PROVIDE 4" CONCRETE HOUSEKEEPING PAD FOR MOUNTING OF TR-UV.
⑨	REFEED EXISTING COMBINATION EXIT LIGHT TO BE INTERLOCKED WITH AREA LIGHTING.
⑩	SECURE EXISTING GROUND CABLE, ENSURE CABLE DOES NOT CONTACT DISSIMILAR METALS.
⑪	ORGANIZE, RE-ROUTE AND REPAIR ALL EXISTING CABLING ON AND AROUND EXISTING COLUMN. INVESTIGATE AND REMOVE ALL REDUNDANT EQUIPMENT AND WIRING IN THIS AREA.
⑫	CHIP OUT CONCRETE IN THIS AREA AND REPAIR EXISTING CONDUIT.
⑬	REPLACE ALL RECEPTACLES AND COVERPLATES ON THIS COLUMN.
⑭	REMOVE AND REPLACE ALL EXISTING LUMINAIRES IN THIS AREA WITH NEW TYPE A FIXTURES, MODEL: BEGHELLI BS10048T8232120VEB-PREM, C/W LAMPS: ALTO II F32T8/TL841. COORDINATE LOCATION TO BEST SUIT AREA AND NEW PIPING.
⑮	ADD A NEW TYPE A LUMINAIRE AT THIS LOCATION, CONNECT TO EXISTING CIRCUIT WITH CAPACITY.
⑯	PROVIDE MODIFICATIONS, INCLUDING NEW HARDWARE, BREAKERS, FILLER PLATES, ETC, TO EXISTING CDP 6SD-1. REFER TO THE SINGLE LINE DIAGRAM FOR FURTHER DETAILS.



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DATE	2012.04.05	USER APPROVAL	

Winnipeg CITY OF WINNIPEG
 PLANNING, PROPERTY AND
 DEVELOPMENT DEPARTMENT
 CIVIC ACCOMMODATIONS DIVISION
 300 - 65 GARRY ST. R3C 4K4

PROJECT
 ELMWOOD KILDONAN POOL
 ULTRAVIOLET SYSTEM & PUMP UPGRADES
 909 CONCORDIA AVE.

SHEET TITLE
 ELECTRICAL
 RENOVATION_PLAN

SCALE	PROJECT NO.	SHEET NO.
1/8"=1'-0"	118-2012	E-2