



- ### DRAWING NOTES
- OVERHEAD DOOR OPENER AND CONTROL PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. CONNECTED BY ELECTRICAL CONTRACTOR.
 - WELDING RECEPTACLE 600V, 30A, WP, WIRE AND CONNECT TO MCC-2T.
 - VFD'S FOR POLYMER METERING PUMPS T136-POF, T137-POF, T131-POF AND T132-POF INSTALLED IN CSA4 CABINET. SUPPLIED BY DIV. 11.
 - WIRE AND CONNECT NEW POLYMER METERING PUMPS T136, T137, T131 AND T132 AND ASSOCIATED CONTROLS AND VFD'S TO MCC-1T AND MCC-2T.
 - VFD'S FOR FERRIC CHLORIDE DOSING PUMPS T141-MP, T142-MP, T143-MP AND T144-MP INSTALLED IN CSA4 CABINET. SUPPLIED BY DIV. 11.
 - WIRE AND CONNECT NEW FERRIC CHLORIDE METERING PUMPS T141, T142, T143 AND T144 AND ASSOCIATED CONTROLS AND VFD'S TO MCC-1T AND MCC-2T.
 - CRANE SUPPLIED BY GENERAL CONTRACTOR. CONNECTED BY ELECTRICAL CONTRACTOR.
 - VFD'S FOR SUBNATANT PUMPS T125-SBP AND T126-SBP INSTALLED IN CSA4 CABINET. SUPPLIED BY DIV. 11.
 - WIRE AND CONNECT NEW SUBNATANT PUMPS T125 AND T126 AND ASSOCIATED CONTROLS AND VFD'S TO MCC-1T AND MCC-2T.
 - PRIMARY CLARIFIER PACKAGE CONTROL PANEL - SINGLE POWER CONNECTION TO PACKAGE UNIT SUPPLIED BY DIVISION 11. WIRE AND CONNECTION TO CONTROL PANEL BY DIVISION 16.
 - DAF POLYMER PACKAGE CONTROL PANEL - SINGLE POWER CONNECTION TO PACKAGE UNIT SUPPLIED BY DIVISION 11. WIRE AND CONNECTION TO CONTROL PANEL BY DIVISION 16.
 - WIRE AND CONNECT HOW WATER UNIT HEATER AND ASSOCIATED CONTROLS TO PANEL TA.
 - SUMP PUMP CONTROL CABINET c/w ALTERNATOR, STARTERS AND CONTROLS SUPPLIED BY DIV. 15.
 - WIRE AND CONNECT SUMP PUMPS T700 AND T705 AND ASSOCIATED CONTROL TO MCC-2T.
 - DAF CONTROL PANEL - SINGLE POWER CONNECTION TO PACKAGE UNIT SUPPLIED BY DIVISION 11. WIRE AND CONNECTION TO CONTROL PANEL BY DIVISION 16.
 - TO MCC'S IN ELECTRICAL ROOM.
 - REFER TO MOTOR CONTROL SCHEDULE FOR INFORMATION ON POWER CABLES, STARTERS AND REQUIRED CONTROLS.

- ### GENERAL NOTES
- COORDINATE WITH OTHER TRADES TO PREVENT CONFLICTS.
 - USE PVC JACKETED HITECK CABLE FOR ALL POWER WIRING.
 - WIRING FOR LIGHTING, RECEPTACLES AND COMMUNICATIONS TO IN RIGID ALUMINUM CONDUIT.
 - ALL CONDUIT TO BE 21mmØ MINIMUM UNLESS OTHERWISE NOTED.

MAIN FLOOR - POWER PLAN
SCALE: 1:50



B.M. ELEV.		 A Tyco International Ltd. Company		ENGINEER'S SEAL	
DESIGNED BY	GSN			CHECKED BY	PS
DRAWN BY	ERC	APPROVED BY	JEH	DATE	2006/04/26
HOR. SCALE: NTS		RELEASED FOR CONSTRUCTION BY:		CONSULTANT DRAWING NO.	
VERTICAL SCALE:		J. VEILLEUX		TE1.02	
NO.	REVISIONS	DATE	BY	DATE	2005/11/22
00	ISSUED FOR TENDER	06/04/26	ERC	DATE	2006/04/26

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

WEWPCC
BIOLOGICAL NUTRIENT REMOVAL UPGRADE
CONTRACT 3

CITY FILE NUMBER
 SHEET OF
 CITY DRAWING NUMBER

ELECTRICAL
 AREA T - DAF THICKENER BUILDING
 MAIN FLOOR POWER PLAN