



DRAWING NOTES

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

GENERAL NOTES

1. COORDINATE WITH OTHER TRADES TO PREVENT CONFLICTS.
2. USE PVC JACKETED HITECK CABLE FOR ALL POWER WIRING.
3. WIRING FOR LIGHTING, RECEPTACLES AND COMMUNICATIONS TO IN RGD ALUMINUM CONDUIT.
4. ALL CONDUIT TO BE 21mmØ MINIMUM UNLESS OTHERWISE NOTED.

MAIN FLOOR - POWER PLAN
SCALE: 1:50



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|-----------------|-------------------------|--|-----|--|------------|
| B.M. ELEV. | | A Tyco International Ltd. Company | | ENGINEER'S SEAL | |
| | | | | ORIGINAL SIGNED BY P. STRYK 2006/04/26 | |
| DESIGNED BY | GSN | CHECKED BY | PS | CONSULTANT DRAWING NO. TE1.02 | |
| DRAWN BY | ERC | APPROVED BY | JEH | | |
| HOR. SCALE: NTS | | RELEASED FOR CONSTRUCTION BY: J. VEILLEUX | | | |
| NO. | REVISIONS | DATE | BY | DATE | 2005/11/22 |
| 02 | ISSUED FOR CONSTRUCTION | 06/09/22 | SRP | DATE | 2006/04/26 |
| 01 | 21-2006 ADDENDUM 3 | 06/05/19 | ERC | | |
| 00 | ISSUED FOR TENDER | 06/04/26 | ERC | | |

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

WEWPC
 BIOLOGICAL NUTRIENT REMOVAL UPGRADE
 CONTRACT 3

CITY FILE NUMBER
 SHEET OF
 CITY DRAWING NUMBER

ELECTRICAL
 AREA T - DAF THICKENER BUILDING
 MAIN FLOOR POWER PLAN