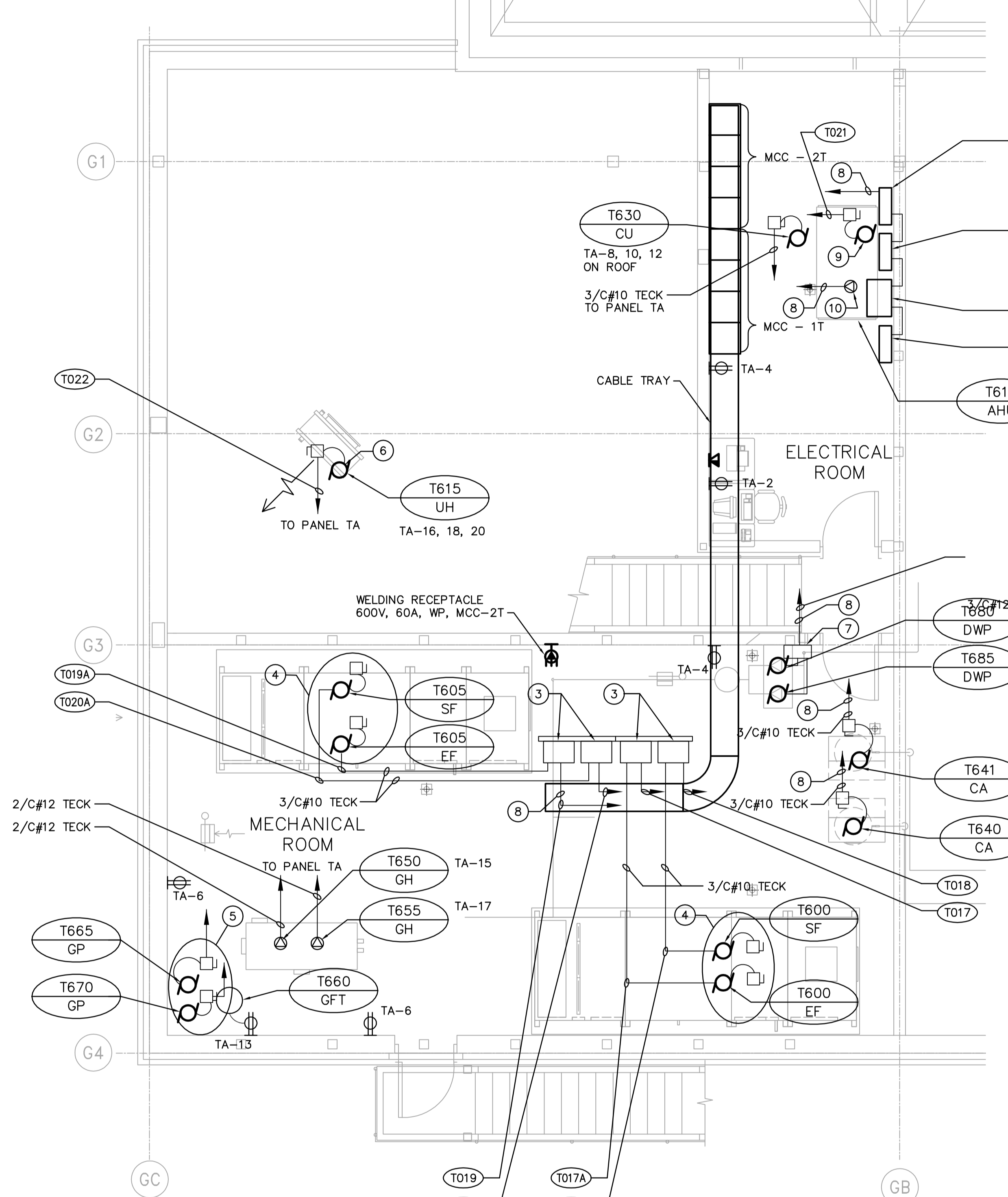


UPPER LEVEL - LIGHTING & SYSTEMS PLAN
SCALE: 1:50



UPPER LEVEL - POWER PLAN
SCALE: 1:50

DRAWING NOTES

1. COORDINATE LUMINAIRE CONNECTIONS WITH MECHANICAL PIPING AND DUCTWORK, WHERE REQUIRED SUSPEND LUMINAIRES BELOW SUCH EQUIPMENT.
2. CONDUCTOR TO EMERGENCY LUMINAIRE IN VESTIBULE ON MAIN FLOOR.
3. VFD'S FOR AIR HANDLING UNIT FANS T600-SF, T600-EF, T605-SF AND T605-EF INSTALLED IN CSA4 CABINET. SUPPLIED BY DIV. 15.
4. WIRE AND CONNECT AIR HANDLING UNIT FANS T600-SF, T600-EF, T605-SF AND T605-EF AND ASSOCIATED CONTROLS AND VFD'S TO MCC-1T AND MCC-2T.
5. WIRE AND CONNECT GLYCOL FEED PUMPS T665-GP AND T670-GP AND ASSOCIATED CONTROLS TO MCC-1T AND MCC-2T.
6. WIRE AND CONNECT HOT WATER UNIT HEATER T615-UH ASSOCIATED CONTROLS TO PANEL TA.
7. DOMESTIC WATER PUMP CONTROL PANEL - SINGLE POWER CONNECTION TO PACKAGE UNIT SUPPLIED BY DIVISION 15. WIRE AND CONNECTION TO CONTROL PANEL BY DIVISION 16.
8. TO MCC'S IN ELECTRICAL ROOM.
9. WIRE AND CONNECT AIR HANDLING UNIT T610-AHU FAN AND ASSOCIATED CONTROLS TO MCC-2T.
10. WIRE AND CONNECT AIR HANDLING UNIT T610-AHU ELECTRIC HEATER AND ASSOCIATED CONTROLS TO MCC-2T.
11. REFER TO MOTOR CONTROL SCHEDULE FOR INFORMATION ON POWER CABLES, STARTERS AND REQUIRED CONTROLS.
12. MOTORIZED DAMPERS FOR T600-MUA SUPPLIED AND INSTALLED BY DIVISION 15. CONNECTED BY DIVISION 16. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS.
13. MOTORIZED DAMPERS FOR T610-AHU SUPPLIED AND INSTALLED BY DIVISION 15. CONNECTED BY DIVISION 16. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS.
14. CONTROL VALVES FOR T600-MUA AND T605-MUA SUPPLIED AND INSTALLED BY DIVISION 15. CONNECTED BY DIVISION 16. REFER TO MECHANICAL DRAWINGS FOR 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 ALUMINIUM CONDUIT.
4. ALL CONDUIT TO BE 21mm \varnothing MINIMUM UNLESS OTHERWISE NOTED.



B.M. ELEV.		 A Tyco International Ltd. Company		ENGINEER'S SEAL	
				ORIGINAL SIGNED BY P. STRYK	
DESIGNED BY	GSN	CHECKED BY	PS	2006/04/26	
DRAWN BY	ERC	APPROVED BY	JEH	CONSULTANT DRAWING NO. TE1.03	
HOR. SCALE: NTS		RELEASED FOR CONSTRUCTION BY: J. VEILLEUX			
NO.	REVISIONS	DATE	BY	DATE	2005/11/22
01	21-2006 ADDENDUM 3	06/05/19	ERC	DATE	2006/04/26
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
 MEZZANINE LIGHTING, SYSTEMS AND POWER PLAN