CP-H11A Generator Communication Panel

Rev.	Comments	Jumper or Internal Cable	Switch 1	Conductor #	Cable	Cable Information
3	Spare		01			
0	Primary Generator PLC		02	RJ-45	C-CP-H11-C01	4-Pair #24 AWG - Cat 5E TO CP-H11
0	Standby Generator PLC		03	RJ-45	C-CP-H11-C02	4-Pair #24 AWG - Cat 5E TO CP-H11
0	Spare		04			
0	Spare		05			
0	Spare		06			
2	Plant Control Network	PP1: 01, 02	07-Sx			
2	Plant Control Network	PP1: 30, 29	08-Sx			
2	Spare		09			
2	Spare		10			
2	Spare		11			
3	Power Meter: Generator 1		12	RJ-45	TBA Gen-1	2-Strand 50/125/250 um Multi-mode TO TBA Gen-1
3	Power Meter: Generator 2		13	RJ-45	TBA Gen-2	2-Strand 50/125/250 um Multi-mode TO TBA Gen-2
3	Power Meter: Generator 3		14	RJ-45	TBA Gen-3	2-Strand 50/125/250 um Multi-mode TO TBA Gen-3
3	Protection Relay: Generator 1		15	RJ-45	TBA Gen-4	2-Strand 50/125/250 um Multi-mode TO TBA Gen-4
3	Protection Relay: Generator 2		16	RJ-45	TBA Gen-5	2-Strand 50/125/250 um Multi-mode TO TBA Gen-5
3	Protection Relay: Generator 3		17	RJ-45	TBA Gen-6	2-Strand 50/125/250 um Multi-mode TO TBA Gen-6
3	Neutral Grounding Resistor		18	RJ-45	TBA Gen-7	2-Strand 50/125/250 um Multi-mode TO TBA Gen-7
2	Spare		19			

NOTES:

1. Panel and Cabling are not in Contract 742-2005. Drawing Issued for Information Only.
2. Panel and Cabling are in Contract 498-2006.

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2006.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
4	498-2006 ADDENDUM 2	06/09/22	BT
3	FOR CONSTRUCTION	06/07/28	BT
2	GENERAL REVISIONS	06/07/13	BT
1	742-2005 ADDENDUM 6	06/05/29	SWT
0	ISSUED FOR TENDER	06/03/29	SWT

CH2MHILL
Frederickson Cooper ARCHITECTS
EarthTech A Tyco International Ltd. Company

DESIGNED BY	SWT	CHECKED BY	SWT
DRAWN BY	SWT	APPROVED BY	AHL
SCALE:	NTS	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
DATE	2006/03/29	DATE	2006/03/29

ENGINEER'S SEAL

ORIGINAL SIGNED BY
S.W. TORMEY
2006/03/29

CONSULTANT DRAWING NO.
WH-A0617

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
PLANT UTILITIES
MECHANICAL AND ELECTRICAL

CITY FILE NUMBER

SHEET 117 OF 130

AUTOMATION / I AND C
PLANT COMMUNICATION CABLE
TERMINATION DIAGRAMS

CITY DRAWING NUMBER
1-0601H-J-A0617-001-04B

Wednesday, September 27, 2006