| REV. | CABLE TAG       | CABLE SPECIFICATIONS    | LENGTH (m) | FROM  | ТО   | DESCRIPTION                               |
|------|-----------------|-------------------------|------------|---|--|---|
| 1    | C-LCP-R001C-C01 | 4-Pair #24 AWG - Cat 5E |            | LCP-R21A<br>Residuals Communication Panel             | LCP-R001C<br>W.R.T. Flocculation Chamber Mixer VFD | W.R.T. Flocculation Chamber I             |
| 1    | C-MCC3A-C01     | 4-Pair #24 AWG - Cat 5E |            | LCP-H10A<br>Electrical Room No. 1 Communication Panel | МССЗА  | Washwater Recovery Tank WF<br>VFD Control |
| 1    | C-MCC3A-C02     | 4-Pair #24 AWG - Cat 5E |            | LCP-H10A<br>Electrical Room No. 1 Communication Panel | МССЗА  | Washwater Recovery Tank WR<br>VFD Control |
| 1    | C-MCC3B-C01     | 4-Pair #24 AWG - Cat 5E |            | LCP-H10A<br>Electrical Room No. 1 Communication Panel | МССЗВ  | Washwater Recovery Tank WR<br>VFD Control |
| 1    | C-MCC3B-C02     | 4-Pair #24 AWG - Cat 5E |            | LCP-H10A<br>Electrical Room No. 1 Communication Panel | МССЗВ  | Washwater Recovery Tank WR<br>VFD Control |
| 1    | C-MCC4A-C01     | 4-Pair #24 AWG - Cat 5E |            | CP-H30A<br>Plant Master PLC Communication Panel       | MCC4A  | Filter Air Scour Blower 1 Motor           |
| 1    | C-MCC4B-C01     | 4-Pair #24 AWG - Cat 5E |            | CP-H30A<br>Plant Master PLC Communication Panel       | MCC4B  | Filter Air Scour Blower 2 Motor           |

| NOTES:   | B.M<br>ELE |                     |          |     | Frederickson   | Cooper  | Earth A Tyco Internation | Tech<br>ional Ltd. Company | ENGINEER'S SEAL<br>ORIGINAL SIGNED BY | THE<br>WATE<br>ENGIN |
|--|------------|---------------------|----------|-----|----------------|---------|--------------------------|----------------------------|---------------------------------------|----------------------|
|  |            |                     |          |     | DESIGNED<br>BY | SWT     | CHECKED<br>BY            | SWT                        | S.W. TORMEY<br>2006/03/29             | WATER TREA<br>PLANT  |
|  | -          |                     |          |     | DRAWN BY       | SWT     | APPROVED<br>BY           | AHL                        |                                       | MECHANICAL           |
| Certificate of Authorization<br>Earth Tech Canada Inc. | 1          | 742-2005 ADDENDUM 6 | 06/05/25 | SWT | SCALE:         |         | RELEASED FC              |                            |                                       | AUTOMAT              |
| No. 730 Expiry: April 30, 2006.                        | 0          | ISSUED FOR TENDER   | 06/03/29 | SWT | NI             | 8       | R. SOROI                 |                            | CONSULTANT DRAWING NO.                | PLANT COMMU          |
|  | NO.        | REVISIONS           | DATE     | BY  | DATE 200       | 6/03/29 | DATE 2                   | 2006/03/29                 | WH-A0611                              | CAB                  |

Thursday, May 25, 2006

|                            | REMARKS |
|----------------------------|---------|
| r Mixer VFD Control        |         |
| /RT-R100A Sludge Pump      |         |
| /RT-R200A Sludge Pump      |         |
| /RT-R300A Sludge Pump      |         |
| /RT-R400A Sludge Pump      |         |
| or Protection Relay Status |         |
| or Protection Relay Status |         |
|                            |         |

## E CITY OF WINNIPEG ER AND WASTE DEPARTMENT NEERING DIVISION ATMENT PLANT CITY FILE NUMBER SHEET 11 TION / I AND C JNICATION CABLES BLE LIST