



# THE CITY OF WINNIPEG

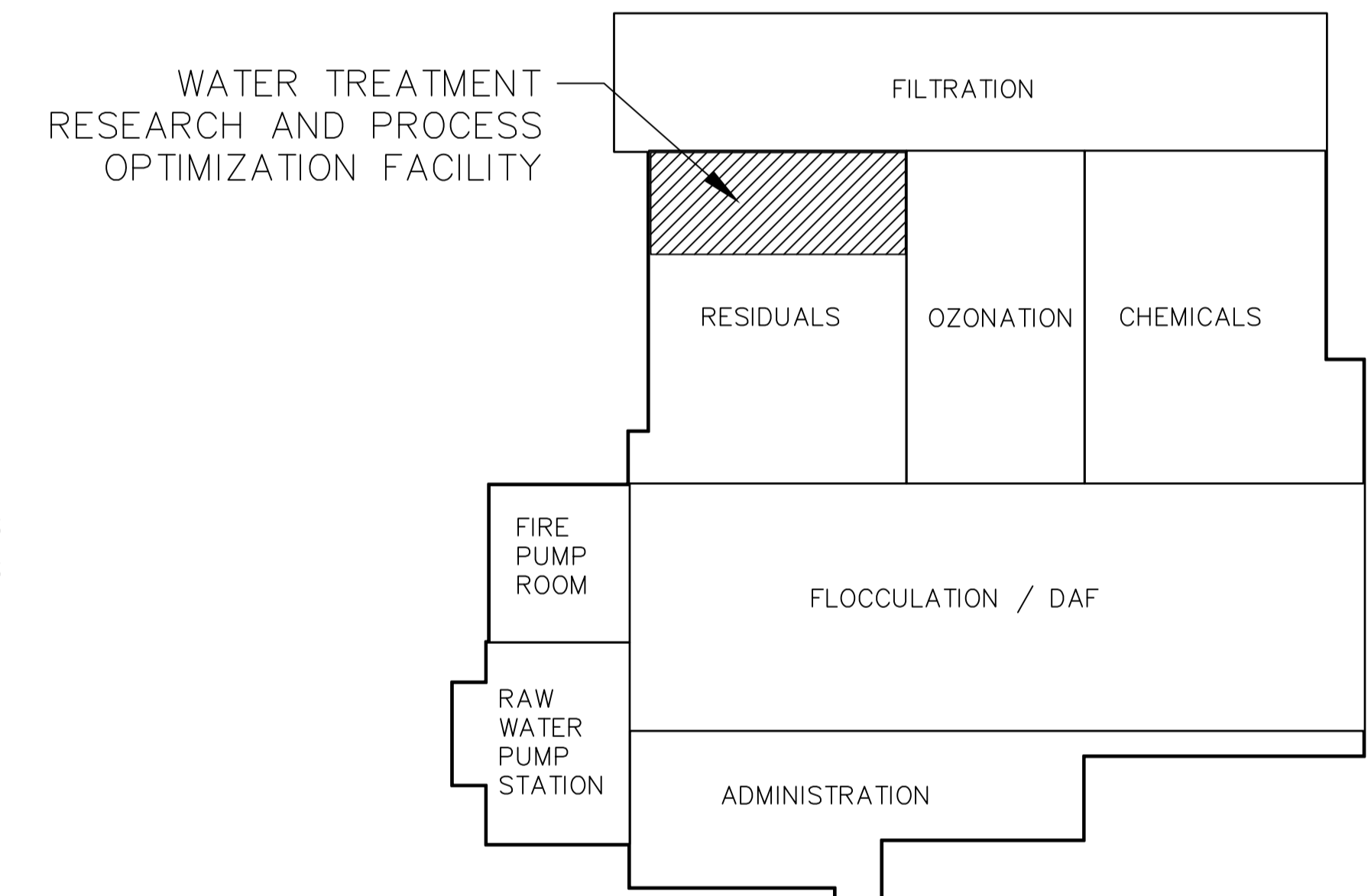
## WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

### CITY OF WINNIPEG WATER TREATMENT RESEARCH AND PROCESS OPTIMIZATION FACILITY

BID OPPORTUNITY NUMBER 1068-2014

#### DRAWING LIST

| CONSULTANT<br>DWG No. | CITY DWG No. *       | TITLE                                      | CONSULTANT<br>DWG No. | CITY DWG No.          | TITLE  |
|-----------------------|----------------------|--|-----------------------|-----------------------|--|
| WX-D0002              | 1-0601X-D0002-001-01 | COVERSHEET                                 | WX-M0112              | 1-0601X-M0002-001-01  | RAW WATER SUPPLY TO PILOT PLANT/<br>RESIDUALS DRAIN TO TSET<br>PLAN AT 239.410 |
| WX-D0003              | 1-0601X-D0003-001-01 | PROCESS FLOW DIAGRAM                       | WX-M0121              | 1-0601X-M0003-001-02  | PARTIAL PLAN AND SECTIONS SHEET 1 OF 3   |
| WX-D0004              | 1-0601X-S0005-001-01 | ISOMETRIC                                  | WX-M0122              | 1-0601X-M0004-001-01  | PARTIAL PLAN AND SECTIONS SHEET 2 OF 3   |
| WX-S0121              | 1-0601X-S0001-001-01 | PLAN AT 239.410                            | WX-M0123              | 1-0601X-M0004-002-01  | PARTIAL PLAN AND SECTIONS SHEET 3 OF 3   |
| WX-S0131              | 1-0601X-S0002-001-00 | WALKWAY PLAN AT 245.000                    | WX-M0124              | 1-0601X-M0004-003-01  | OZONE COLUMN DETAILS   |
| WX-S0201              | 1-0601X-S0003-001-00 | SECTIONS SHEET 1 OF 2                      | WX-M0401              | 1-0601X-M0005-001-01  | FILTER COLUMN DETAILS  |
| WX-S0202              | 1-0601X-S0003-002-00 | SECTIONS SHEET 2 OF 2                      | WX-M0402              | 1-0601X-M0006-001-01  | DISSOLVED AIR FLOTATION UNIT PLAN AND SECTIONS                                 |
| WX-S0401              | 1-0601X-S0004-001-00 | STANDARD DETAILS SHEET 1 OF 4              | WX-M0403              | 1-0601X-M0007-001-00  | DISSOLVED AIR FLOTATION UNIT PLAN AND SECTIONS                                 |
| WX-S0402              | 1-0601X-S0004-002-00 | STANDARD DETAILS SHEET 2 OF 4              | WX-M0404              | 1-0601X-M0007-002-00  | DISSOLVED AIR FLOTATION UNIT DETAILS   |
| WX-S0403              | 1-0601X-S0004-003-01 | STANDARD DETAILS SHEET 3 OF 4              | WX-M0405              | 1-0601X-M0007-003-00  | STANDARD DETAILS SHEET 1 OF 2  |
| WX-S0404              | 1-0601X-S0004-004-01 | STANDARD DETAILS SHEET 4 OF 4              | WX-M0501              | 1-0601X-M0008-001-01  | STANDARD DETAILS SHEET 2 OF 2  |
| WX-S0404              | 1-0601X-S0004-004-01 | STANDARD DETAILS SHEET 4 OF 4              | WX-M0502              | 1-0601X-M0008-002-01  | PLANS AND SCHEMATIC  |
| WX-P0001              | 1-0601X-P0001-001-02 | RAW WATER PUMPING P&ID                     | WX-H0122              | 1-0601X-H0003-001-02  | PLAN AT 239.410  |
| WX-P0002              | 1-0601X-P0002-001-02 | DAF TANK & RECYCLE SYSTEM P&ID             | WX-E0121              | 1-0601X-E0001-001-02  | RESIDUALS HANDLING AREA SECOND FLOOR POWER AND LIGHTING PLAN                   |
| WX-P0003              | 1-0601X-P0003-001-01 | OZONE CONTACTORS P&ID                      | WR-E0123              | 1-0601R-E0006-001-09  | RESIDUALS HANDLING AREA THIRD FLOOR POWER AND LIGHTING PLAN                    |
| WX-P0004              | 1-0601X-P0004-001-02 | FILTER BANK A (SHEET 1 OF 2) P&ID          | WR-E0133              | 1-0601R-E0009-001-05  | (MCC #3A, 3B) 600V SINGLE LINE DIAGRAM   |
| WX-P0005              | 1-0601X-P0004-002-01 | FILTER BANK A (SHEET 2 OF 2) P&ID          | WB-E0517              | 1-0601B-E0006-004-08  | ELECTRICAL ROOM AREA FIRST FLOOR PROCESS PLAN                                  |
| WX-P0006              | 1-0601X-P0005-001-02 | FILTER BANK B (SHEET 1 OF 2) P&ID          | WM-E0112              | 1-0601M-E0019-001-06  | CP-X10 PLC RACK LAYOUT   |
| WX-P0007              | 1-0601X-P0005-002-01 | FILTER BANK B (SHEET 2 OF 2) P&ID          | WX-A0001              | 1-0601X-A0001-001-03  | CP-H10B PLC RACK LAYOUT  |
| WX-P0008              | 1-0601X-P0006-001-01 | CHEMICAL FEED SYSTEMS (SHEET 1 OF 2) P&ID  | WX-A0002              | 1-0601X-A0002-001-03  | PNL-X901 AND PNL-X902 SCHEDULES  |
| WX-P0009              | 1-0601X-P0006-002-01 | CHEMICAL FEED SYSTEMS (SHEET 2 OF 2) P&ID  | WX-A0003              | 1-0601X-A0003-001-01  | COMMUNICATIONS PANEL CP-X10A FIBER OPTIC PATCH PANEL INTERCONNECTION DIAGRAM   |
| WX-P0010              | 1-0601X-P0007-001-01 | OZONE GENERATION AND DESTRUCT SYSTEMS P&ID | WX-A0004              | 1-0601X-A0004-001-01  | PLANT COMMUNICATION NETWORK OVERALL BLOCK CABLE DIAGRAM                        |
|                       |                      |  | WH-A0100              | 1-0601H-A0100-001-06D | PLANT COMMUNICATION NETWORK OVERALL BLOCK CABLE DIAGRAM                        |
|                       |                      |  | WH-A0101              | 1-0601H-A0101-001-03D | PLANT COMMUNICATION NETWORK OVERALL BLOCK CABLE DIAGRAM                        |
|                       |                      |  | WH-A0103              | 1-0601H-A0103-001-06D |  |



WATER TREATMENT PLANT  
KEY MAP  
NTS

DRAWINGS SHOWN SCREENED ARE PROVIDED FOR INFORMATION ONLY



PROJECT No. 462784

ISSUED FOR TENDER  
JANUARY, 2015