



UV INFLUENT PUMPS

TYPE: AXIAL FLOW PROPELLER
 TDH: 6-7m
 SPEED: VFD
 POWER: 127 kW (est)

UV CHANNELS 1-3

TYPE: MEDIUM PRESSURE HIGH INTENSITY
 BANKS / CHANNEL: 2
 NO OF LAMPS: 1008
 CAPACITY: 143 ML/d PER CHANNEL
 DIMENSIONS: 2440 w X 4060 d X 15000
 HEADLOSS @ MAX FLOW: 260 mm



| B.M. ELEV. | DESIGNED BY | CHECKED BY | DATE | BY | DATE |
|------------|-------------------|------------|-------------------------------|------------|------------|
| | CGL | DT | | JEH | 05/02/18 |
| | KJW | DT | | | |
| | HOR. SCALE: | | RELEASED FOR CONSTRUCTION BY: | | |
| | VERTICAL SCALE: | | T. KJARTANSON | | |
| 0 | ISSUED FOR TENDER | 05/02/18 | JEH | 2004/11/03 | 2005-02-18 |
| NO. | REVISIONS | DATE | BY | DATE | DATE |

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| EARTH TECH Earth Tech (Canada) Inc. Winnipeg, Manitoba 204.477.5381 | | ENGINEER'S SEAL ORIGINAL SIGNED BY D.J. TANIGUCHI FEB. 18/05 | |
| DESIGNED BY | CGL | CHECKED BY | DT |
| DRAWN BY | KJW | APPROVED BY | DT |
| HOR. SCALE: | | RELEASED FOR CONSTRUCTION BY: | |
| VERTICAL SCALE: | | T. KJARTANSON | |
| DATE | | DATE | |
| 2004/11/03 | | 2005-02-18 | |

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| THE CITY OF WINNIPEG Winnipeg WATER AND WASTE DEPARTMENT | | ENGINEER'S SEAL ORIGINAL SIGNED BY D.J. TANIGUCHI FEB. 18/05 |
| NEWPCC - SECONDARY EFFLUENT UV DISINFECTION FACILITY | | CITY FILE NUMBER |
| PROCESS PROCESS FLOW DIAGRAM | | SHEET # OF #S |
| | | CITY DRAWING NUMBER |