



**DRAWING NOTES**

**MOTOR CONTROL CENTRES 1H, 1HA, 1HE, 2H & 2HA**

- REMOVE EXISTING SIZE 2 STARTERS FOR PUMP H410-STP (MCC-1H) AND PUMP H420-STP (MCC-2H). DISCONNECT WIRING AT STARTERS. REPLACE STARTERS WITH NEW SIZE 3 STARTERS RATED FOR 37kW (50HP). REMOVE ALL POWER WIRING FROM MCC UNITS TO EXISTING PUMP LOCATIONS. PROVIDE NEW WIRING (3/C#4 TECK IN EXISTING CABLE TRAY) FROM MCC STARTERS TO MOTOR LOCATIONS AND TERMINATE AT MOTOR. REFER TO DRAWING HE1.01 FOR MOTOR LOCATIONS).
- MODIFY EXISTING SPACE IN MCC-1H AND 2H TO SUIT NEW STARTERS AND BREAKERS BEING INSTALLED. MODIFY DOORS TO PROVIDE FOR STARTER CONTROL SWITCHES, INDICATING LIGHTS AND BREAKER CONTROLS AS REQUIRED.
- RELOCATE MCC-1HA AS SHOWN ON HE1.01.



B.M. ELEV.	 A Tyco International Ltd. Company	ENGINEER'S SEAL  ORIGINAL SIGNED BY <b>P. STRYK</b>  2006/04/26	 <b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT ENGINEERING DIVISION	CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER
DESIGNED BY: <b>GSN</b> DRAWN BY: <b>ERC</b> HOR. SCALE: <b>NTS</b> VERTICAL SCALE:	CHECKED BY: <b>PS</b> APPROVED BY: <b>JEH</b> RELEASED FOR CONSTRUCTION BY: <b>J. VEILLEUX</b>	CONSULTANT DRAWING NO. <b>HE2.01</b>	<b>WEWPCC</b> <b>BIOLOGICAL NUTRIENT REMOVAL UPGRADE</b> <b>CONTRACT 3</b>  ELECTRICAL AREA H - HEADWORKS DETAILS	
NO. REVISIONS	DATE BY	DATE	DATE	
<b>00</b>	<b>ISSUED FOR TENDER</b>	<b>06/04/26</b>	<b>ERC</b>	<b>2005/11/22</b>
		<b>2005/11/22</b>	<b>2006/04/26</b>	