



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.
- RE-USE 15A-3P BREAKER AND CONDUCTOR TO FEED NEW H640-AHU AIR HANDLING UNIT HEATER IN LOWER LEVEL OF HEADWORKS BUILDING. EXTEND CONDUCTORS AS NECESSARY. PROVIDE NEW LAMICOID FOR BREAKER.



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