



VALVE CHAMBER BUILDING REFER TO DRAWING WY-E0122

DRAWING NOTES

- ① CONDUCTORS FROM GENERATOR BUILDING SWGR-E100A BREAKER BK-103A. NEW BREAKER IN DBPS 4160V DISTRIBUTION WILL BE INSTALLED IN APPROXIMATELY THE SAME LOCATION AS EXISTING BREAKER. PROVIDE EXTRA 6 METRES OF CABLE LENGTH FOR TERMINATION AT NEW BREAKER. SECURE OPEN END OF NEW CABLE GROUNDING ALL CURRENT CONDUCTORS AGAINST ACCIDENTAL ENERGIZATION. LOCK OUT BREAKER BK-103A IN OPEN POSITION.
- ② CONDUCTORS FROM GENERATOR BUILDING SWGR-E100B BREAKER BK-103B. TERMINATE IN UNUSED BREAKER IN DBPS 4160V DISTRIBUTION. LOCK OUT BREAKER IN OPEN POSITION. PROGRAM BREAKER SETTINGS ACCORDING TO SETTINGS PROVIDED BY CONTRACT ADMINISTRATOR.
- ③ CORE OPENINGS BELOW GRADE. SUPPLY AND INSTALL ROXTEC RS SEALS COMPLETE WITH ACID PROOF STAINLESS STEEL FITTINGS SIZED TO SUIT CABLES.
- ④ INSTALL FIBRE OPTIC CABLE IN NEW AND EXISTING CABLE TRAY. TERMINATE CABLE IN EXISTING NETWORK TERMINATION CABINET LOCATED IN CONTROL ROOM. PROVIDE PATCH PANEL AND TERMINATION KITS.

GENERAL NOTES

- 1. COORDINATE WITH OTHER TRADES TO PREVENT CONFLICTS.
- 2. USE PVC JACKETED TECK CABLE FOR ALL POWER WIRING.
- 3. ALL CONDUIT TO BE 21mmØ MINIMUM UNLESS OTHERWISE NOTED.

FLOOR PLAN ABOVE ELEVATION 230.80
1:100

 APEGM Certificate of Authorization Earth Tech Canada Inc. No. 730 Expiry: April 30, 2007	B.M. ELEV.	 Frederickson Cooper ARCHITECTS	 EarthTech A Tyco International Ltd. Company	ENGINEER'S SEAL ORIGINAL SIGNED BY B.L. MOORE 2006/08/30	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION			
	DESIGNED BY: BLM					CHECKED BY: PS	WATER TREATMENT PLANT STANDBY POWER GENERATOR	CITY FILE NUMBER SHEET OF
	DRAWN BY: ERC					APPROVED BY: AHL		
	SCALE: AS SHOWN					RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI	ELECTRICAL DBPS FLOOR PLAN	CITY DRAWING NUMBER 1-0601D-A-E012-001-0D
NO. REVISIONS	DATE BY	DATE 2007/07/27	DATE 2006/08/30	CONSULTANT DRAWING NO. WD-E0112				