



TO VALVE ③

3/C#10 TECK TO VALVE
8C#12 TECK
3PR #16 TECK

3/C#8 TECK
16C#12 TECK
3PR #16 TECK

CORE HOLES IN MANHOLE CABLE
PULL BOX TO TERMINATE CONCRETE
DUCT BANK

3C#8 TECK
16C#12 TECK
3PR #16 TECK

USE EXISTING SPARE CONDUIT

VALVE CHAMBER BUILDING
REFER TO DRAWING WY-E0122

750mm CABLE TRAY

TJB-D22

EXISTING DBPS 4160V DISTRIBUTION
TO BE MODIFIED (FUTURE)

MAIN INCOMING BREAKER

UNUSED INCOMING BREAKER

EXISTING 600V CDP-100

DEACON BOOSTER PUMPING STATION

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.

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
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	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION		
				DESIGNED BY: BLM		CHECKED BY: PS	ORIGINAL SIGNED BY: B.L. MOORE
				DRAWN BY: ERC		APPROVED BY: AHL	2006/08/30
				SCALE: AS SHOWN		RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI	CONSULTANT DRAWING NO. WD-E0112
	00 ISSUED FOR TENDER 06/08/30 ERC	DATE 2007/07/27	DATE 2006/08/30		WATER TREATMENT PLANT STANDBY POWER GENERATOR		
	NO. REVISIONS	DATE	DATE		ELECTRICAL DBPS FLOOR PLAN		
					CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER 1-0601D-A-E0112-001-000		