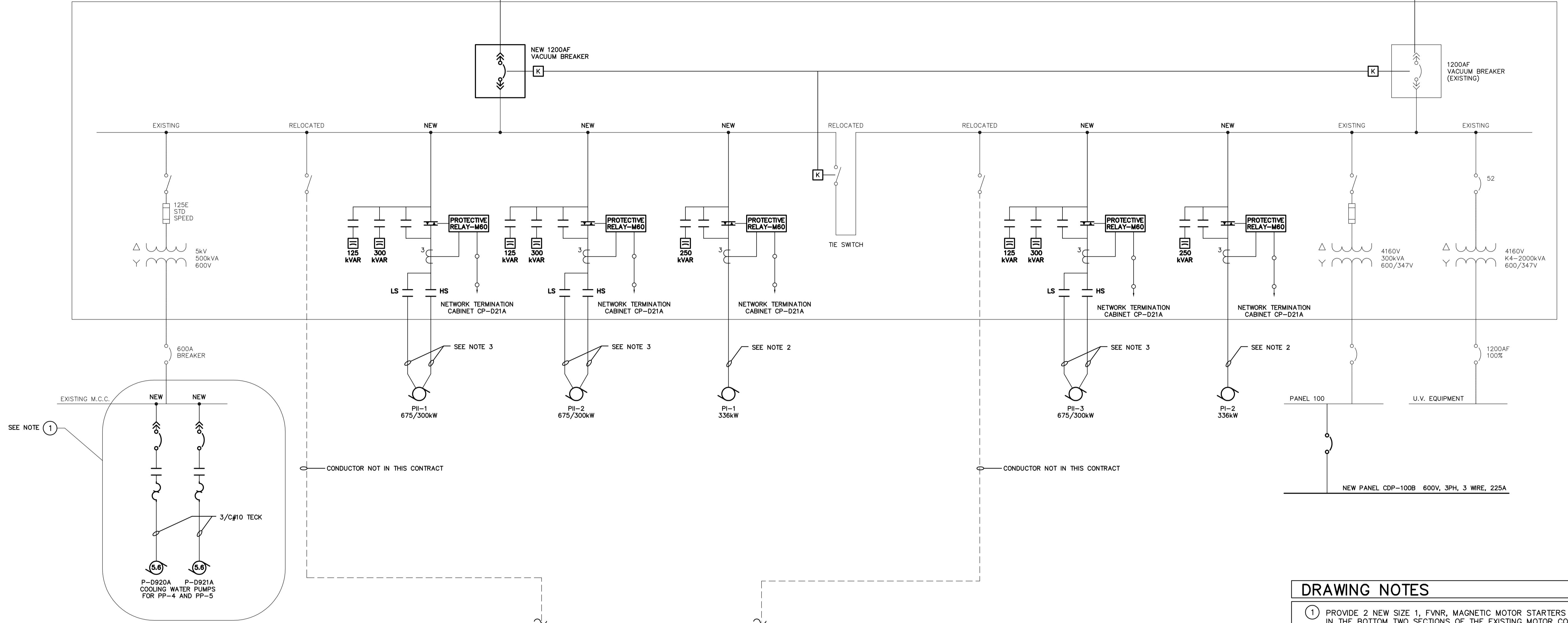


SUPPLIED BY THE CITY UNDER  
 BID OPPORTUNITY 498-2006  
 DRAWING 1-0601D-F-E0401-001  
 4160V SWITCHGEAR  
 GENERATOR BUILDING  
 SWGR-100A

SUPPLIED BY THE CITY UNDER  
 BID OPPORTUNITY 498-2006  
 DRAWING 1-0601D-F-E0401-001  
 4160V SWITCHGEAR  
 GENERATOR BUILDING  
 SWGR-100B  
 DRAWING WG-E0401

EXISTING DEACON BOOSTER PUMPING STATION



SEE NOTE 1

CONDUCTOR NOT IN THIS CONTRACT

CONDUCTOR NOT IN THIS CONTRACT

DECANT STRUCTURES  
 POWER DISTRIBUTION  
 ENCLOSURE DP-L11  
 DS-PP-L11A  
 DRAWING 1-0601L-A-E0112-001

DECANT STRUCTURES  
 POWER DISTRIBUTION  
 ENCLOSURE DP-L11  
 DS-PP-L11B  
 DRAWING 1-0601L-A-E0112-001

- ### DRAWING NOTES
- PROVIDE 2 NEW SIZE 1, FVNR, MAGNETIC MOTOR STARTERS TO BE LOCATED IN THE BOTTOM TWO SECTIONS OF THE EXISTING MOTOR CONTROL CENTRE (SOUTH WEST CELL).
  - PROVIDE, INSTALL AND TERMINATE NEW 3C-#2 5kV TECK ARMORED CABLES FOR THE TWO NEW SINGLE SPEED PUMPS (PI-1, PI-2); ONE CABLE PER EACH PUMP SHALL BE PROVIDED. THE CABLES SHALL BE MANUFACTURED BY PRYSMIAN.
  - PROVIDE, INSTALL AND TERMINATE NEW 3C-#4/0 5kV TECK ARMORED CABLES FOR THE THREE EXISTING TWO SPEED PUMPS (PI-1, PI-2, PI-3); TWO CABLES PER EACH PUMP SHALL BE PROVIDED; ONE CABLE FOR LOW SPEED WINDING AND ONE CABLE FOR HIGH SPEED WINDING FOR EACH MOTOR. TWO CABLES SHALL BE PROVIDED, INSTALLED AND TERMINATED BETWEEN EACH BENSRAW STARTER AND ITS RESPECTIVE PUMP MOTOR; SIX CABLES IN TOTAL.

<p>Certificate of Authorization                  Earth Tech Canada Inc.                  No. 730</p>	B.M. ELEV.	<p>Frederickson Cooper                  ARCHITECTS</p>	<p>A Tyco International Ltd. Company</p>	ENGINEER'S SEAL	<p>THE CITY OF WINNIPEG                  WATER AND WASTE DEPARTMENT                  ENGINEERING DIVISION</p>						
				DESIGNED BY BLM		CHECKED BY PS	ORIGINAL SIGNED BY P. STRYK				
				DRAWN BY ERC		APPROVED BY AHL	2007/03/19				
				SCALE: NTS		RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI	CONSULTANT DRAWING NO. WD-E0401				
	NO. REVISIONS	DATE	BY	DATE	2005/10/03	DATE	2007/03/19			WATER TREATMENT PLANT DEACON BOOSTER PUMP STATION UPGRADE	CITY FILE NUMBER
										ELECTRICAL SINGLE LINE DIAGRAM	SHEET OF CITY DRAWING NUMBER 1-0601D-F-E0401-001-02D