

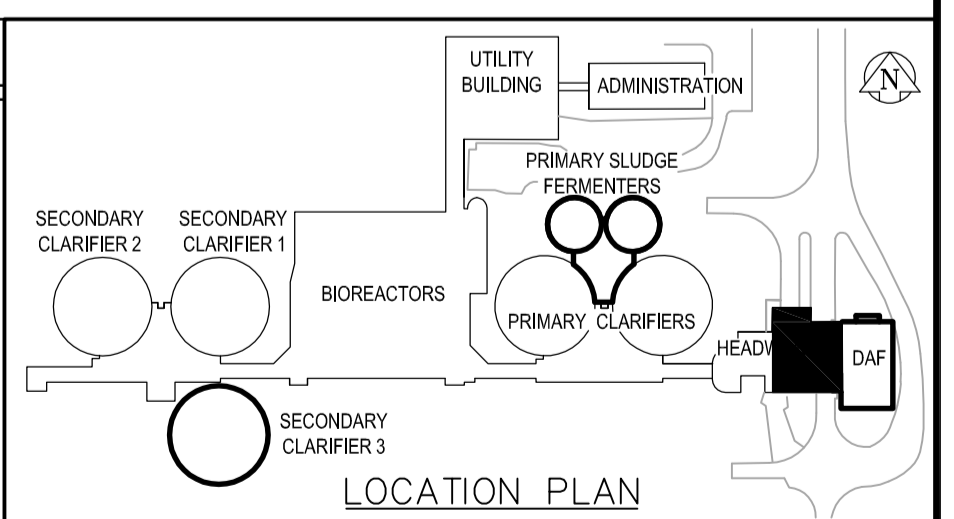
PLAN - EXISTING HEADWORKS BUILDING
1:50



FIGURE - EXISTING SLUDGE TRANSFER PUMPS
NTS

DRAWING NOTES

- 1 REMOVE AND REPLACE EXISTING SLUDGE TRANSFER PUMPS. MODIFY SUCTION/DISCHARGE PIPING AND PUMP PAD AS REQUIRED TO TIE-IN NEW PUMP. REFER TO FIGURE A FOR PHOTO OF EXISTING SLUDGE TRANSFER PUMPS.
- 2 RE-USE EXISTING WAS PIPE UP TO THIS POINT FROM WAS PUMPS LOCATED ON DRAWING SP1.04.
- 3 INSTALL NEW PIPING FOR S820-150-WAS FROM THIS POINT TO DAF THICKENERS.
- 4 INSTALL NEW 12 DIA. FERRIC CHLORIDE LINES T141/T142/T143-12-FC ON EXISTING PIPE RACK.
- 5 INSTALL NEW 150 DIA DAF SUBNATANT LINE T125-150-SUB ON EXISTING PIPE RACK.
- 6 INSTALL NEW 150 DIA. FERMENTER SLUDGE LINE F551-150-FSL ON EXISTING PIPE RACK.



APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2006

<p>EarthTech A Tyco International Ltd. Company</p>		ENGINEER'S SEAL ORIGINAL SIGNED BY J.E. HUTCHISON 2006/04/26		<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p>	
DESIGNED BY: YL CHECKED BY: KM DRAWN BY: PJY APPROVED BY: JEH		CONSULTANT DRAWING NO. HP1.01		WEWPC BIOLOGICAL NUTRIENT REMOVAL UPGRADE CONTRACT 3	
HOR. SCALE: 1:50 VERTICAL SCALE:		RELEASED FOR CONSTRUCTION BY: J. VEILLEUX		CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER	
NO. 00 ISSUED FOR TENDER 06/04/26 SRP		DATE 2005/10/06		DATE 2006/04/26	
NO. REVISIONS		DATE BY		PROCESS AREA H - HEADWORKS PLAN	