



- CONSTRUCTION NOTES:**
- 1 REPLACE SPIRAL HEAT EXCHANGER.
  - 2 REPLACE EXISTING SLUDGE ISOLATION VALVES WITH BALL VALVES.
  - 3 REPLACE HOT WATER MIXING VALVE, ACTUATOR, AND ASSOCIATED CONTROLS.
  - 4 REPLACE EXISTING HOT WATER ISOLATION VALVES WITH BALL VALVES.

**ENGINEERS  
GEO-SCIENTISTS  
MANITOBA**  
Certificate of Authorization  
**AtkinsRéalis Canada Inc.**  
No. 4489

NO.	REVISIONS	DATE	BY
06	ISSUE FOR CONSTRUCTION, PROJECT S-1287	2024/03/04	NL
05	REVISE TO AS BUILT	2024/03/01	NL
04	ISSUED FOR CONSTRUCTION	2008/11/20	CJR
03	ISSUED FOR REVIEW	2008/07/08	CJR
02	RENUMBERED FACILITY CODE	2005/10/06	CJR
01	ISSUED FOR C.O.W. USE	2005/09/15	CJR
00	RELEASED FOR CUSTOMER REVIEW	2005/08/22	CJR

DESIGNED BY	EXISTING	CHECKED BY	CJR
DRAWN BY	CJR	APPROVED BY	EMR
HOR. SCALE	NTS	RELEASED FOR CONSTRUCTION	
VERTICAL		DATE	2008/11/20

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

NORTH END WATER POLLUTION CONTROL CENTRE  
DIGESTERS  
PROCESS & INSTRUMENTATION DIAGRAM  
SLUDGE RECIRCULATION SYSTEM  
DIGESTER TANK 10

CITY DRAWING NUMBER: 1-0101D-A0216  
SHEET: 001  
REV: 06  
SIZE: D

1-0101A-A0001	PROCESS AND INSTRUMENT DIAGRAMS LEGEND AND DETAILS
DRAWING NUMBER	REFERENCE DRAWINGS