

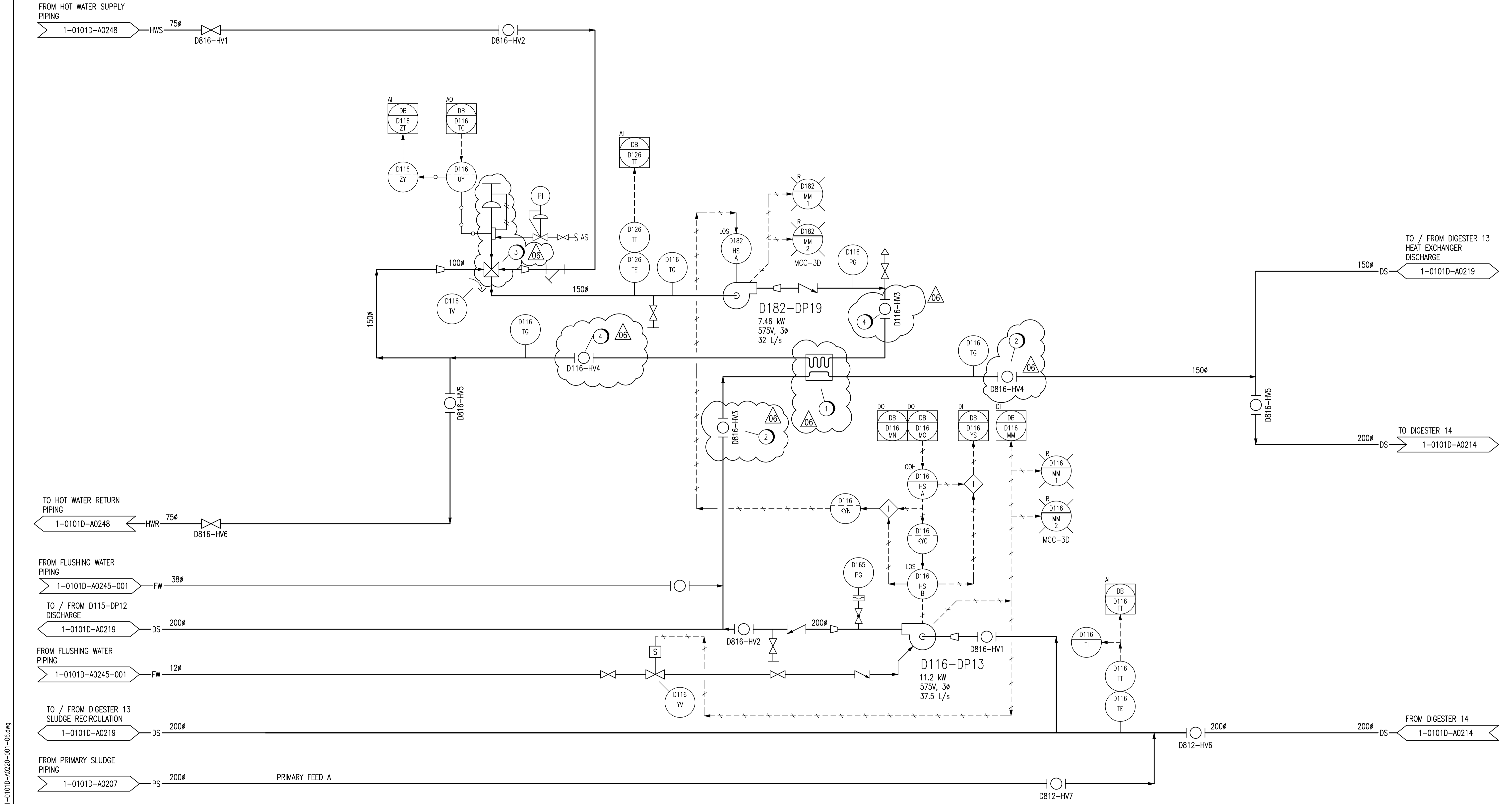
FROM HOT WATER SUPPLY PIPING

1-0101D-A0248

75ø

D816-HV1

D816-HV2



TO HOT WATER RETURN PIPING

1-0101D-A0248

75ø

D816-HV6

FROM FLUSHING WATER PIPING

1-0101D-A0245-001

38ø

FW

TO / FROM D115-DP12 DISCHARGE

1-0101D-A0219

200ø

DS

FROM FLUSHING WATER PIPING

1-0101D-A0245-001

12ø

FW

TO / FROM DIGESTER 13 SLUDGE RECIRCULATION

1-0101D-A0219

200ø

DS

FROM PRIMARY SLUDGE PIPING

1-0101D-A0207

200ø

PS PRIMARY FEED A

TO / FROM DIGESTER 13 HEAT EXCHANGER DISCHARGE

1-0101D-A0219

150ø

DS

TO DIGESTER 14

1-0101D-A0214

200ø

DS

FROM DIGESTER 14

1-0101D-A0214

200ø

DS

CONSTRUCTION NOTES:

- 1 REPLACE SPIRAL HEAT EXCHANGER.
- 2 REPLACE SLUDGE ISOLATION VALVES AT HIGH LEVEL WITH BALL VALVES C/W CHAIN WHEEL.
- 3 REPLACE HOT WATER MIXING VALVE, ACTUATOR, AND ASSOCIATED CONTROLS.
- 4 REPLACE EXISTING HOT WATER ISOLATION VALVES WITH BALL VALVES.

ENGINEERS GEOSCIENTISTS MANITOBA
 Certificate of Authorization
AtkinsRéalis Canada Inc.
 No. 4489

B.M. ELEV.		FIELD BOOK #:	
POSTED TO LBIS			
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
NO.	REVISIONS	DATE	BY

AtkinsRéalis
 148 Nature Park Way, Winnipeg, Manitoba
 Canada R3P 0X7 204-786-8080

DESIGNED BY	EXISTING	CHECKED BY	CJR
DRAWN BY	CJR	APPROVED BY	EMR
HOR. SCALE	NTS	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	2005/05/12	DATE	2008/11/20

ENGINEER'S SEAL

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

NORTH END WATER POLLUTION CONTROL CENTRE
 DIGESTERS
 PROCESS & INSTRUMENTATION DIAGRAM
 SLUDGE RECIRCULATION SYSTEM
 DIGESTER 14

CITY DRAWING NUMBER: 1-0101D-A0220 SHEET: 001 REV: 06 SIZE: D