DI DO DI DI DI DI AI AO
D375 YS 3 | D375 MN | D375 MM | D375 RDY | D375 QF | D375 IT | D375 ST | D375 SK

VFD LOCATED IN DIGESTER GALLERY 6 WEST ELECTRICAL ROOM

HOA R G
D375 HS 3 | D375 MM | D375 QF

VENTED TO OUTSIDE ABOVE ROOF

D377 ARV

D388 HV 1

D-CV-391 3 UPD 5 UPD FROM FLUSHING WATER PIPING

DI DI DI DO DO
D379 ZB | D379 ZD | D379 YS | D379 VD | D379 VB

CLS OPN L/R O/C
D379 ZSB | D379 ZSD | D379 HS 1 | D379 HS 2

−103 to 103 kPa
D375 PG 1

E/S
D375 HS 1

LD
D375 HS 2

0 to 414 kPa
D375 PG 2

HV1

HV2

D377 HV 1

D379 XV

50ø FW

1-0101D-A0211-001 DS 600ø

DIGESTED SLUDGE FROM ANAEROBIC DIGESTER TANK ADT-1100

D371 HV 1

D372 HV 1 K

DS 450ø

MIXING PUMP D375-P
125HP/93.2KW
575V, 3ø

DS 300ø

DS 500ø

600ø DS

AI
D386 PT

0-1000 kPa
D386 PIT

D386 PE

D386 PG 1

D386 HV 1

DO
D384 VX 1

DO
D384 VX 2

S

50ø FW

D384 XV 2

D384 HV 1

D384 XV 1

FROM FLUSHING WATER PIPING FW 50ø

D-CV-385 5 UPD 3 UPD

D387 HV 1

D389 HV 1

200ø

TO SLUDGE SUCTION HEADER
1-0101D-G-A0221

AI DI
D382 FT | D382 FQ

0-2000 M^3/hr

D382 FIT

D383 HV *

4 P.D. D382 FE 2 P.D.

500ø DS 1-0101D-A0211-001

DIGESTED SLUDGE TO ANAEROBIC DIGESTER TANK ADT-1100

**ø PD **ø

D381 HV 1

FLOOR DRAIN

DI DI DI DO DO
D380 ZB | D380 ZD | D380 YS | D380 VD | D380 VB

CLS OPN L/R O/C
D380 ZSB | D380 ZSD | D380 HS 1 | D380 HS 2

D380 XV

DI DO DI DI DI DI AI AO
D376 YS 3 | D376 MN | D376 MM | D376 RDY | D376 QF | D376 IT | D376 ST | D376 SK

VFD LOCATED IN DIGESTER GALLERY 6 WEST ELECTRICAL ROOM

HOA R G
D376 HS 3 | D376 MM | D376 QF

VENTED TO OUTSIDE ABOVE ROOF

D378 ARV

−103 to 103 kPa
D376 PG 1

E/S
D376 HS 1

LD
D376 HS 2

0 to 414 kPa
D376 PG 2

HV1

HV2

D378 HV 1

D374 HV 1 K

DS 450ø

MIXING PUMP D376-P
125HP/93.2KW
575V, 3ø

DS 300ø

DS 500ø

D373 HV 1

D392 HV 1

50ø FW

FROM FLUSHING WATER PIPING D-CV-390 5 UPD 3 UPD

UPD = UNINTERRUPTED PIPE DIAMETERS

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE _____ DATE _____

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.

NO.	REVISIONS	DATE	BY
2.	ISSUED FOR TENDER	12.11.01	D.K.G.
1.	ISSUED FOR 60% REVIEW	12.07.25	D.K.G

Stantec Consulting Ltd.
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DESIGNED BY	B.S.J.	CHECKED BY	S.T.
DRAWN BY	D.K.G.	APPROVED BY	S.K.B.
HOR. SCALE: — VERTICAL:		RELEASED FOR CONSTRUCTION:	
DATE	2012.01.23	DATE	

ENGINEER'S SEAL

ORIGINAL SEALED BY B.S. JANZ P. ENG. 12/10/31

BID OPPORTUNITY NO.

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END WATER POLLUTION CONTROL CENTRE
REHABILITATION OF DIGESTER No. II, SLUDGE HOLDING TANKS
No. 5 AND No. 7

DIGESTER NO. II MIXING PUMPS P&ID

CITY DRAWING NUMBER: I-0101D-A0082-001

SHEET 21 OF 29

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2012 October 31, 12:09 p.m.