A1 SIZE – 594mm x 841mm

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N

9s 10s 11s

Bs Cs Ds Es

TK-S140
SECONDARY
CLARIFIER 4

STOAGE
ROOM

PUMP
ROOM

GALLERY 3

MATCH LINE SEE DWG PGAD-S003

600-RAS-SS01
CL EL 222.950
CONCRETE ENCASED

900-ML-SS01
CL EL VARIES
CONCRETE ENCASED

350-RAS-SS01
CL EL 223.650
CONCRETE ENCASED

4027-623

4027-605

4027-607B

HV-S140C

FLEXIBLE
COUPLING

300-PD-SS01
CL EL 226.858

300-PD-SS01
CL EL 225.720
CONCRETE ENCASED

350-RAS-SS01
CL EL 223.935
CONCRETE ENCASED

600-RAS-SS01
CL EL 223.829
CONCRETE ENCASED

300-PD-SS01
CL EL 225.500
CONCRETE ENCASED

1400 1350 4250 1500

4850

1800

675

450-RAS-SS01
CL EL 229.165

100-SC-SS01
CL EL 229.782

CUT BACK (REMOVE)
EX 300-PD-CS01
CL EL 226.787

INSTALL NEW
300 DIA TEE
CL EL 226.787

HV-400L

BF

NEW EXIST

50-DR
(BOP)

REMOVE EXISTING BLIND
FLANGE/GASKET AND
FASTENERS, CLEAN UP
EXISTING FLANGE AND
CONNECT NEW PIPING

150-SC-SS01
CL EL 229.782
(FIELD ROUTE
TO WAS SUMP)

HV-S300G

HV-S300E

(100-SC-SS01 FIELD RUN TO EXISTING 100-SC
FROM TANK V-305 AND V-314)
INSTALL HV-S300D AND HV-S300F ON EXISTING
100-SC AT A CONVENIENT LOCATION DETERMINED IN THE FIELD

G PGAD-S014

H PGAD-S015

E PGAD-S013

04

LOWER LEVEL PLAN – PART C

1:50

0 500 1000 1500 2000 2500

KEY PLAN NTS

APEGM
Certificate of Authorization
CH2M HILL Canada Ltd.
No. 1441

NO.	REVISIONS	DATE	DESIGN	CHECK
04	ISSUED FOR ADDENDUM 4 – 976-2016	2017/06/30	B.C.	J.C.
03	ISSUED FOR CONSTRUCTION – 976-2016	2017/04/05	B.C.	J.C.
02	ISSUED FOR CONSTR – B.O. 899-2015	04/2016	B.C.	J.C.
01	ISSUED FOR 90% PRELIMINARY REVIEW	04/2016	B.C.	J.C.
00	ISSUED FOR TENDER – B.O. 899-2015	01/2016	B.C.	J.C.

CH2MHILL
SNC·LAVALIN KGS GROUP

DESIGNED BY: F. ABSI
CHECKED BY: B. EDGAR
DRAWN BY: B. COOPER
APPROVED BY: H.T. FREIHAMMER
SCALE: 1:50
ISSUED FOR CONSTRUCTION
BY: J. SHUMKA
DATE: 2017/04/05
DATE: 2017/04/05
CONSULTANT NO.: 474248

ENGINEER'S SEAL
PROVINCE OF MANITOBA
F. J. ABSI Member 36875
REGISTERED PROFESSIONAL ENGINEER
30 June 2017

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
PROCESS
SECONDARY CLARIFIERS 4 AND 5
LOWER LEVEL PLAN – PART C

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-PGAD-S004	001	04	A1

PLOT DATE: 2017\07\03

FILE NAME: 1-0102-PGAD-S004.dgn