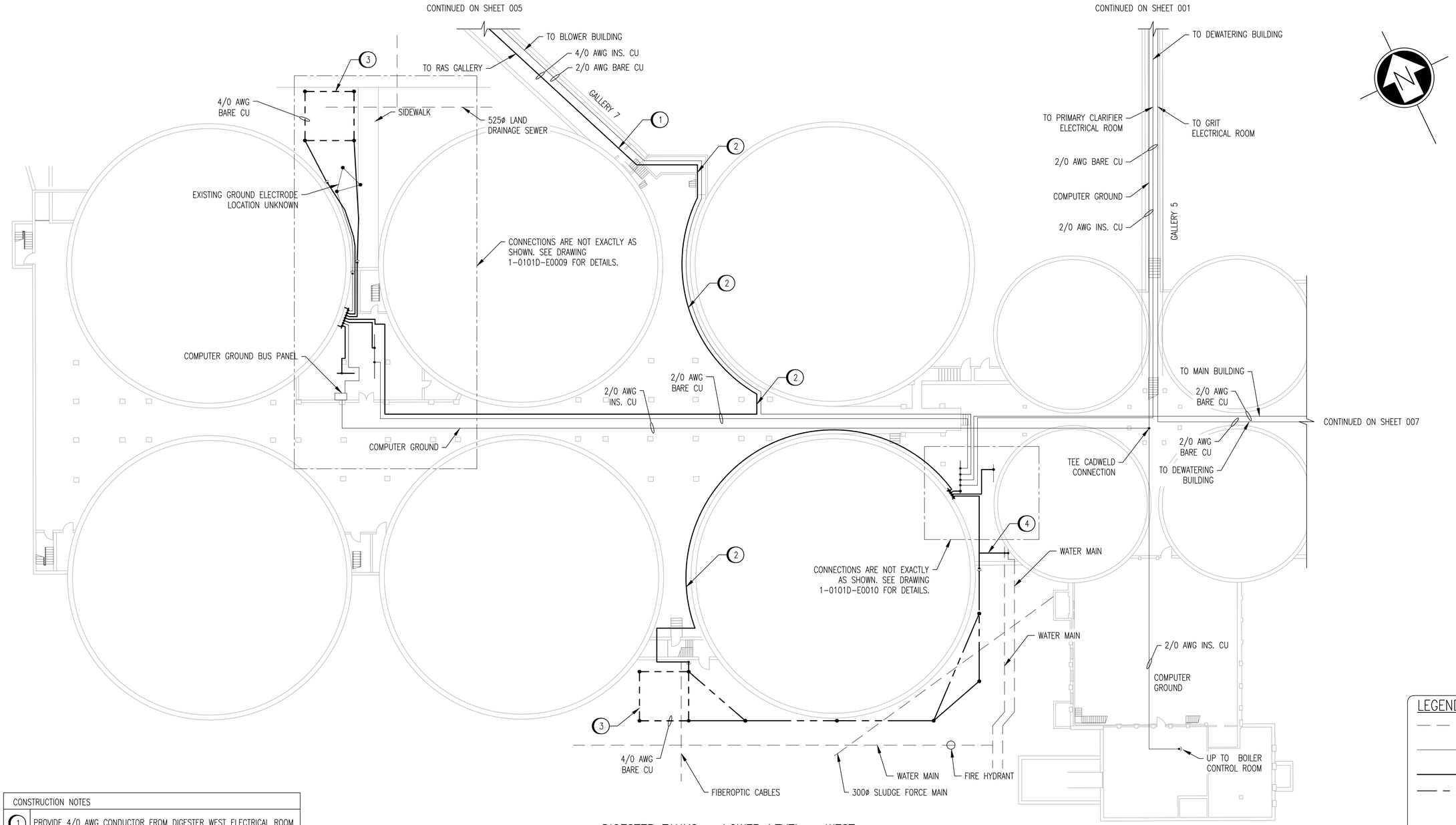
A1 SIZE - 594mm x 841mm



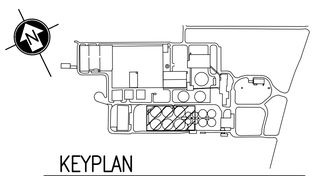
DIGESTER TANKS – LOWER LEVEL – WEST

SCALE: 1 : 250

CONSTRUCTION NOTES	
1	PROVIDE 4/0 AWG CONDUCTOR FROM DIGESTER WEST ELECTRICAL ROOM TO RAS GALLERY. LOCATE IN EXISTING CABLE TRAY WHERE AVAILABLE. INSTALL IN 27mm PVC CONDUIT WHERE NOT IN TRAY.
2	INSTALL CONDUCTOR IN 27mm PVC CONDUIT AT LEAST 1.5m ABOVE FINISHED FLOOR.
3	PROVIDE GROUND ELECTRODE AS SHOWN AND CONNECT TO GROUND BUS AS SHOWN.
4	PROVIDE 2/0 AWG CONDUCTOR TO BOND PIPES ENTERING BUILDING (2 LOCATIONS) TO GROUND. CONNECT TO NEW GROUND CONDUCTOR.

LEGEND:

- EXISTING BURIED SERVICE
- EXISTING CONDUCTOR
- NEW CONDUCTOR
- CONDUCTOR ABOVE ELEVATION SHOWN
- GROUND ROD
- CONNECTION
- ELEVATION CHANGE



KEYPLAN
NTS

AS-BUILT DRAWING

THIS DRAWING WAS PREPARED USING UNVERIFIED INFORMATION PROVIDED BY OTHERS AND THEREFORE NO WARRANTY OR CERTIFICATION IS PROVIDED.

NOTES:

1. THE ELEVATION OF THE GROUNDING CONDUCTORS AND ELECTRODES VARIES AND IS SHOWN ON A SINGLE LEVEL TO EASE THE UNDERSTANDING OF HOW THE GROUNDING SYSTEM IS INTERCONNECTED. SEE LEGEND FOR LINETYPES OF CONDUCTORS AT DIFFERENT ELEVATIONS.
2. THE LOCATION AND ROUTING OF EXISTING GROUNDING CONDUCTORS IS APPROXIMATE.

1:250 2.5m 0 2.5m 7.5m 12.5m

APEGM Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

DRAWING NUMBER	REFERENCE DRAWINGS
1-0101A-E0010	GROUNDING INSTALLATION DETAILS

NO.	REVISIONS	DATE	DESIGN	CHECK
01	AS-BUILT, BID OPP. 845-2012	2013/09/19	-	TMC
00	ISSUED FOR TENDER, BID OPP. 845-2012	2012/10/30	TMC	CJR

SNC·LAVALIN

SNC-LAVALIN INC.
148 Nature Park Way
Winnipeg, MB, Canada R3P 0X7
204-786-8080

DESIGNED BY: T. CHURCH	CHECKED BY: C. REIMER
DRAWN BY: S. COATES	APPROVED BY: C. REIMER
SCALE: 1:250	RELEASED FOR CONSTRUCTION BY: B. STATION
DATE: 2009/11/20	DATE: 2012/10/31
CONSULTANT NO.: 113312-0000-47DD-0006	

ENGINEER'S SEAL

ORIGINAL DRAWING SEALED BY:
T. M. CHURCH
SNC-LAVALIN
MEMBER #32682
2012/10/31
REV. 00

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END WATER POLLUTION CONTROL CENTRE
GROUNDING UPGRADES
SITE PLAN
GROUNDING CONDUCTOR ROUTING

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0101A-E0011	006	01	A1

1-0101A-E0011-001-02.dwg

LAST SAVE: 2013/11/05 - 11:05am
PATH: M:\113312\4ENG\47ELE\DD - General DWG\1-0101A-E0011-001-02.dwg