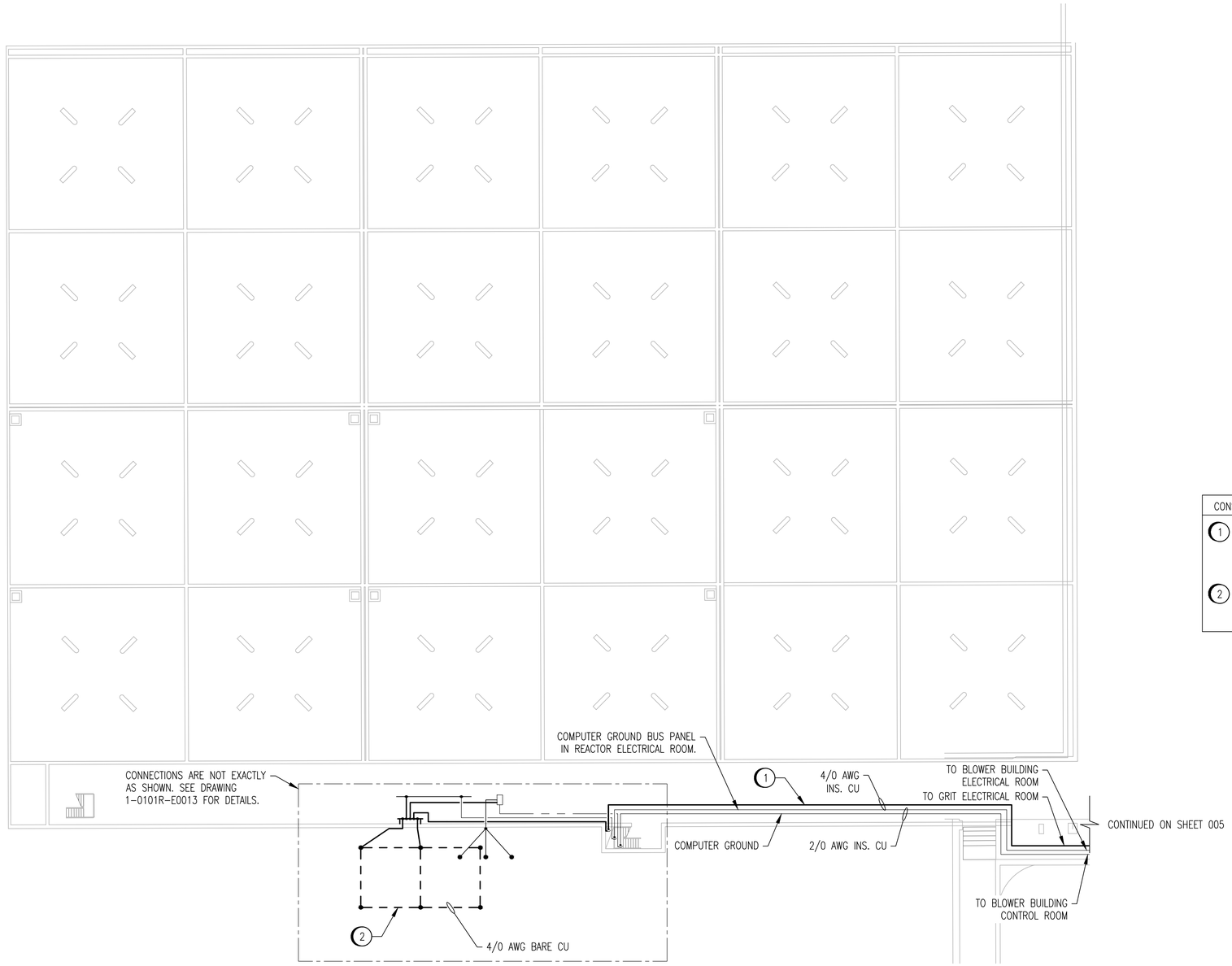
A1 SIZE – 594mm x 841mm



OXYGEN REACTORS – LOWER LEVEL

SCALE: 1 : 250

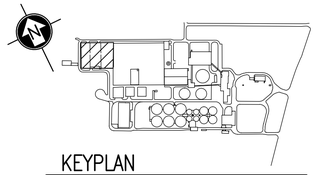
CONSTRUCTION NOTES	
1	PROVIDE 4/0 AWG CONDUCTOR FROM OXYGEN REACTORS TO GRIT ELECTRICAL ROOM. LOCATE IN EXISTING CABLE TRAY WHERE AVAILABLE. INSTALL IN 27mm PVC CONDUIT WHERE NOT IN TRAY. FOR VERTICAL RUN, CLAMP CONDUIT TO EXISTING UNISTRUT SUPPORTS.
2	PROVIDE GROUND ELECTRODE AS SHOWN. LOCATE ALL EXISTING UNDERGROUND SERVICES IN AREA PRIOR TO INSTALLATION OF ELECTRODE.

LEGEND:

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

AS-BUILT DRAWING

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



KEYPLAN
NTS

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

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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-0003	

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	003	01	A1

LAST SAVE: 2013/11/05 – 11:01am
PATH: M:\113312\4ENG\47ELE\DD – General DWG\1-0101A-E0011-001-02.dwg

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