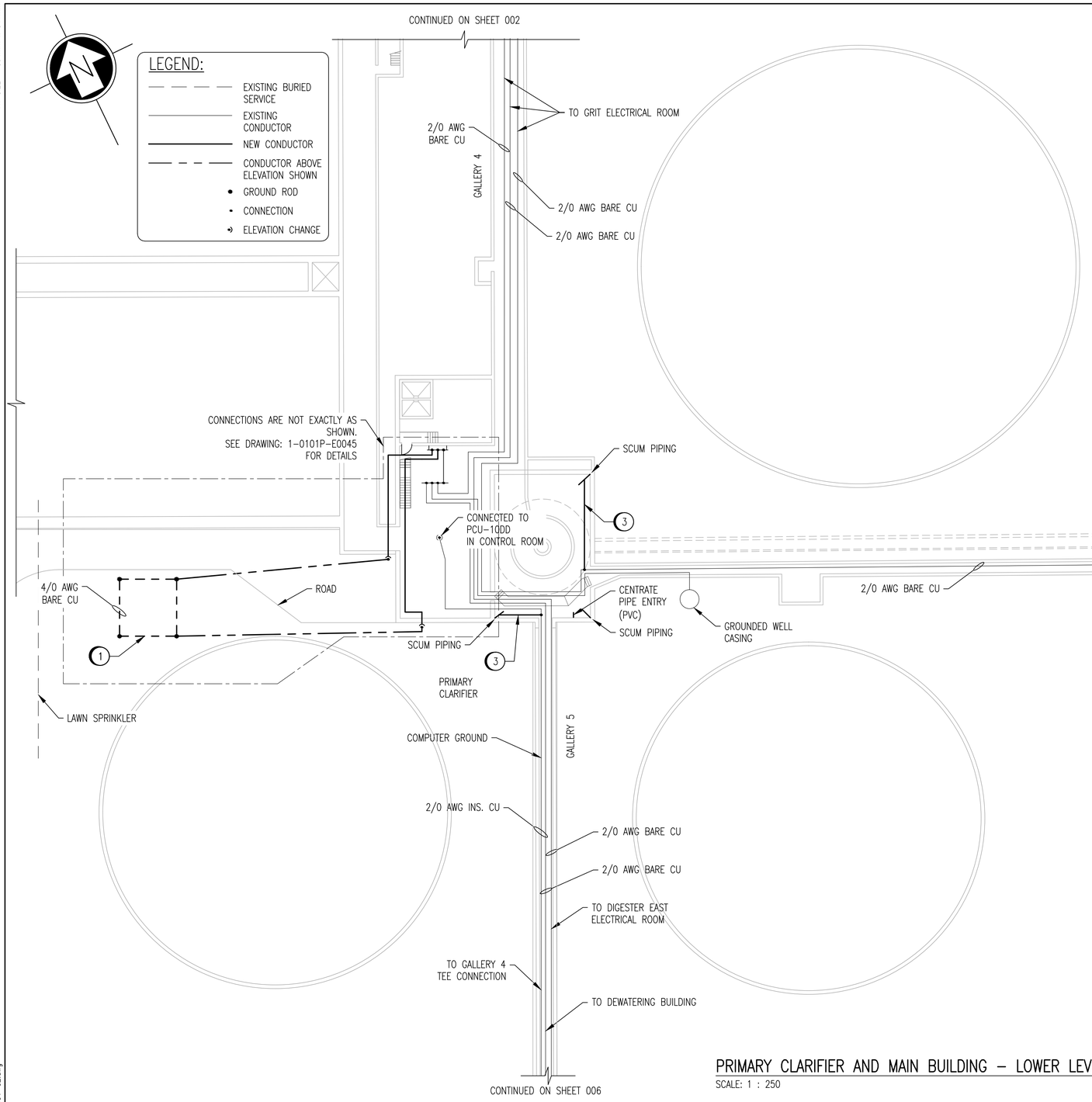
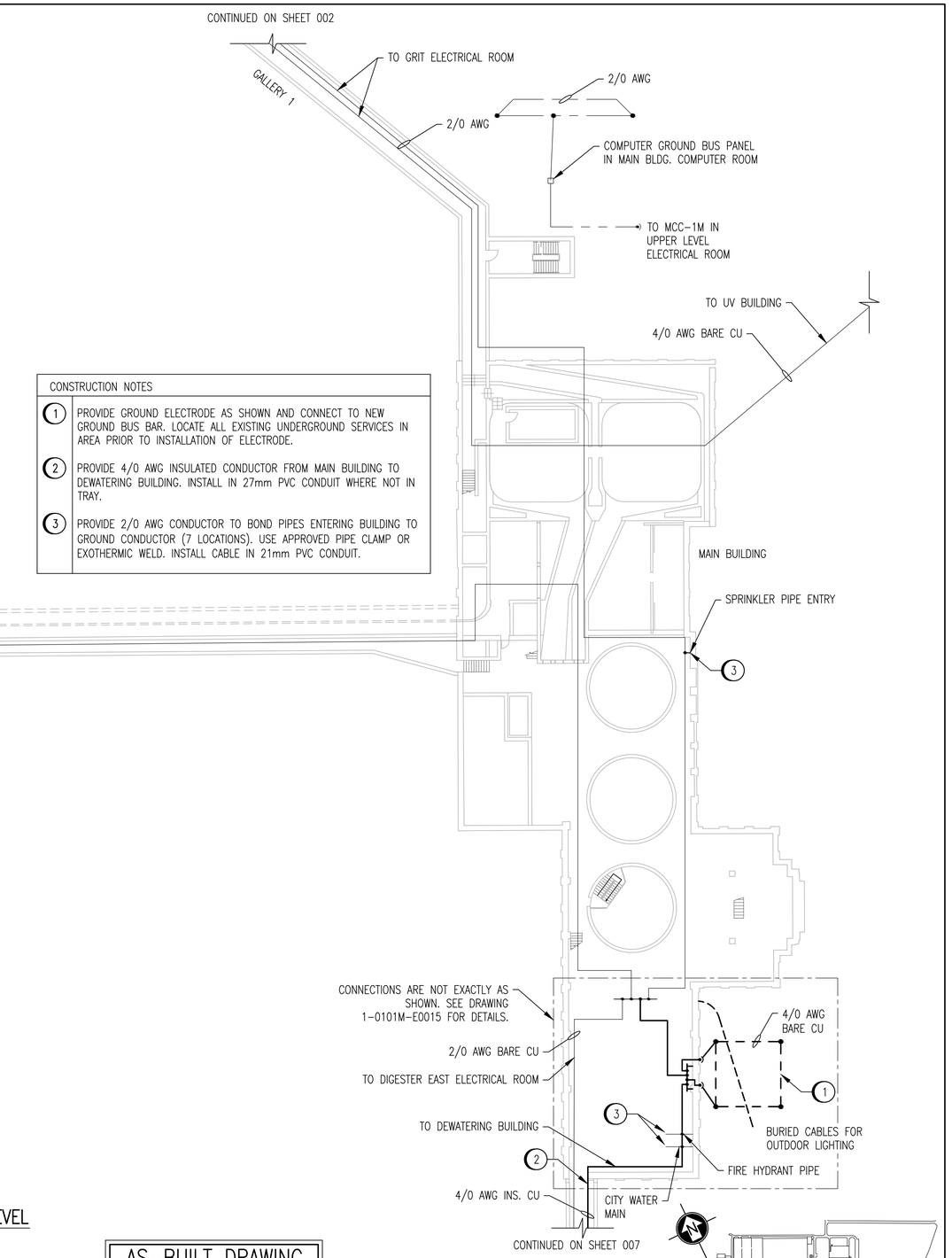
A1 SIZE - 594mm x 841mm





CONSTRUCTION NOTES	
1	PROVIDE GROUND ELECTRODE AS SHOWN AND CONNECT TO NEW GROUND BUS BAR. LOCATE ALL EXISTING UNDERGROUND SERVICES IN AREA PRIOR TO INSTALLATION OF ELECTRODE.
2	PROVIDE 4/0 AWG INSULATED CONDUCTOR FROM MAIN BUILDING TO DEWATERING BUILDING. INSTALL IN 27mm PVC CONDUIT WHERE NOT IN TRAY.
3	PROVIDE 2/0 AWG CONDUCTOR TO BOND PIPES ENTERING BUILDING TO GROUND CONDUCTOR (7 LOCATIONS). USE APPROVED PIPE CLAMP OR EXOTHERMIC WELD. INSTALL CABLE IN 21mm PVC CONDUIT.

PRIMARY CLARIFIER AND MAIN BUILDING – LOWER LEVEL

SCALE: 1 : 250

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.

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

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

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

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-0001	

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	001	01	A1

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

LAST SAVE: 2013/11/05 - 10:46am
PATH: M:\113312\4ENG\47ELE\DD - General DWG\1-0101A-E0011-001-02.dwg