

CONTINUED ON SHEET 005

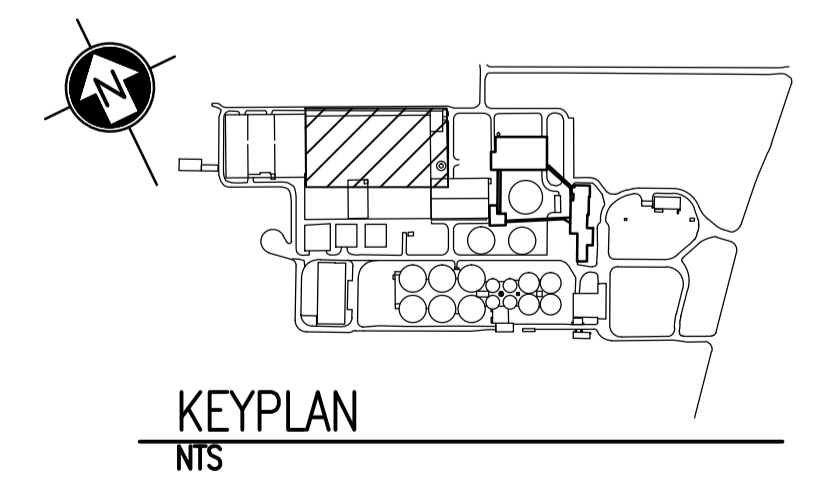
CONTINUED ON SHEET 005

### SECONDARY CLARIFIERS - MAIN LEVEL - NORTH

SCALE: 1 : 250

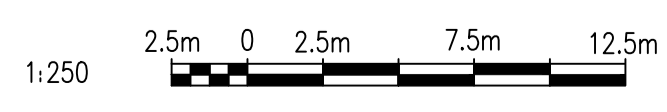
CONSTRUCTION NOTES	
①	PROVIDE 4/0 AWG CONDUCTOR FROM FAN HOUSE TO GROUND CONDUCTOR IN RAS GALLERY. LOCATE IN EXISTING CABLE TRAY. INSTALL IN 27mm PVC CONDUIT WHERE NOT IN TRAY.
②	PROVIDE GROUND ELECTRODE AS SHOWN. LOCATE ALL EXISTING SERVICES IN AREA PRIOR TO INSTALLATION OF ELECTRODE.
③	PROVIDE 4/0 AWG CONDUCTOR FROM EXISTING STACK GROUNDING ELECTRODES TO NEW GROUND ELECTRODE. INSTALL IN 27mm PVC CONDUIT WHERE CONDUCTOR IS RUN ABOVE GRADE. RUN CONDUIT ABOVE STACK CONCRETE FOUNDATION.

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



### NOTES:

- 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.
- THE LOCATION AND ROUTING OF EXISTING GROUNDING CONDUCTORS IS APPROXIMATE.



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OPP: 845-2012	2012/10/30	TMC	CJR

		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-0004		

ENGINEER'S SEAL

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	004	00	A1

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