

CONNECTIONS ARE NOT EXACTLY AS SHOWN. SEE DRAWING 1-0101S-E0005 FOR DETAILS.

CONTINUED ON SHEET 005

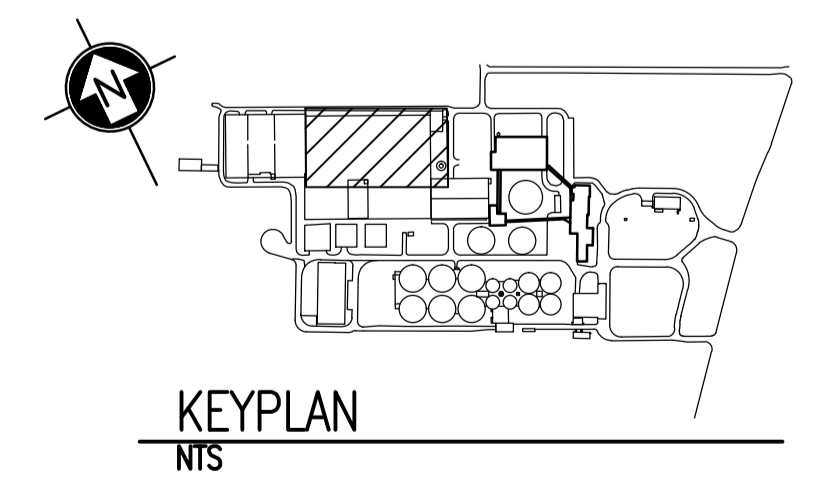
CONTINUED ON SHEET 005

SECONDARY CLARIFIERS - MAIN LEVEL - NORTH

SCALE: 1 : 250

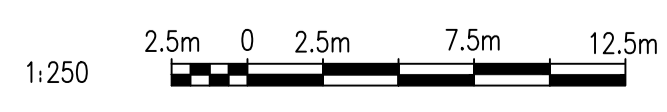
CONSTRUCTION NOTES	
①	PROVIDE 4/0 AWG CONDUCTOR FROM FAN HOUSE TO GROUND CONDUCTOR IN RAS GALLERY. LOCATE IN EXISTING CABLE TRAY. INSTALL IN 27mm PVC CONDUIT WHERE NOT IN TRAY.
②	PROVIDE GROUND ELECTRODE AS SHOWN. LOCATE ALL EXISTING SERVICES IN AREA PRIOR TO INSTALLATION OF ELECTRODE.
③	PROVIDE 4/0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

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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