

**GENERAL NOTES:**

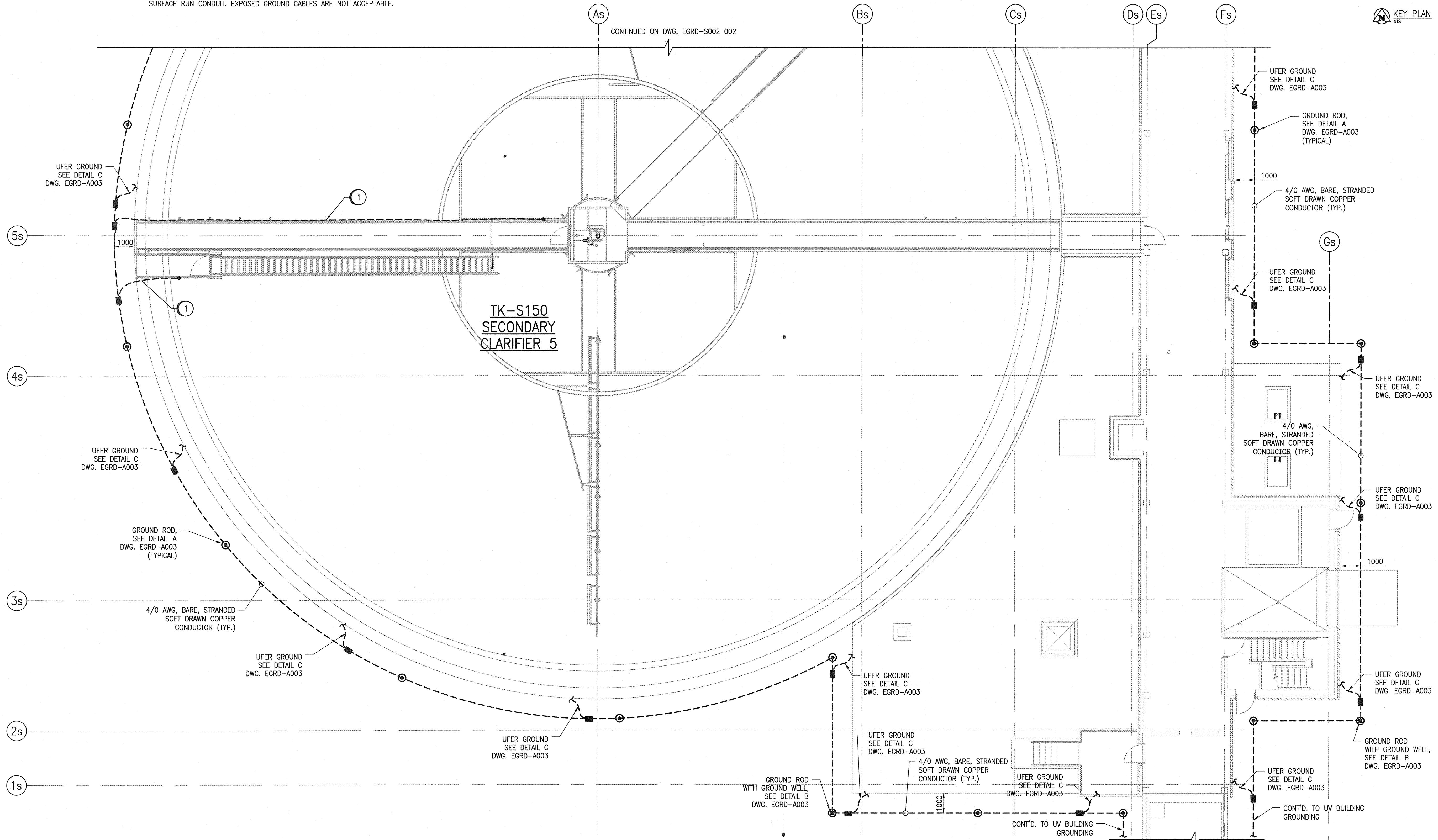
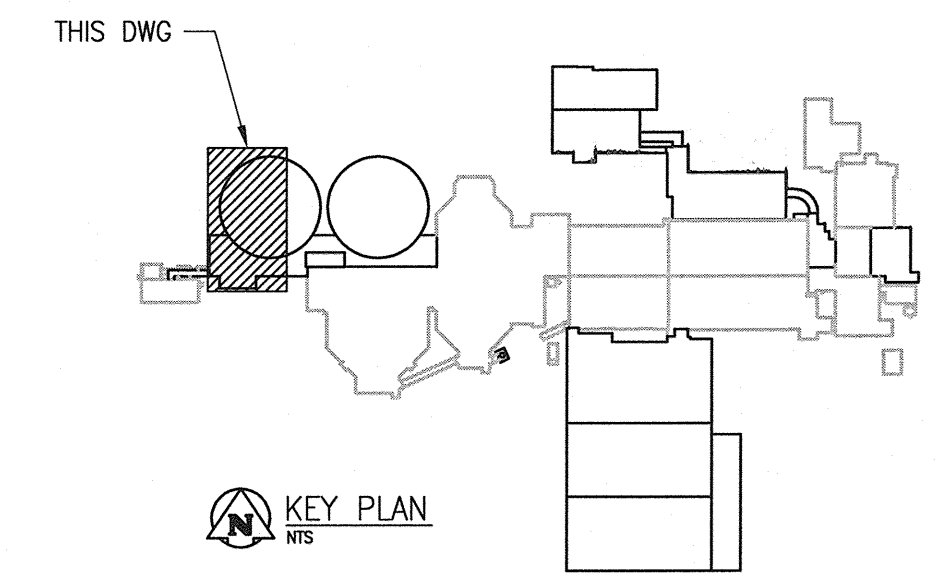
1. CONNECTIONS TO SYSTEM GROUND ELECTRODES SHALL BE THERMOWELDED IN ACCORDANCE WITH CEC 10-806.
2. PERIMETER BURIED GROUND WIRING SHALL BE LAID IN UNDISTURBED NATIVE SOIL OR MECHANICALLY COMPACTED SOIL. GROUND RODS SHALL BE INSTALLED IN UNDISTURBED NATIVE SOIL OR MECHANICALLY COMPACTED SOIL.
3. ALL GROUND CABLES AND CONNECTIONS SHALL BE 4/0 AWG COPPER UNLESS NOTED OTHERWISE.
4. ALL SURFACE RUN CABLING SHALL BE PHYSICALLY PROTECTED BY DIRECT BURIAL OR BY SURFACE RUN CONDUIT. EXPOSED GROUND CABLES ARE NOT ACCEPTABLE.

**LEGEND:**

- GROUNDING CONDUCTOR
- ⊗ GROUND ROD WITH GROUND WELL
- ⊙ GROUND ROD
- THERMOWELDED TEE CONNECTION

**SPECIFIC NOTES:**

- 1 PROVIDE 2/0 AWG, GREEN INSULATED, STRANDED, BONDING CONDUCTOR FROM THE WALKWAY BRIDGE METAL FRAMES TO THE GROUNDING GRID. ALL EXPOSED CONNECTIONS SHALL BE PAINTED WITH GLYPHTAL PAINT TO PROVIDE PROTECTION FROM CORROSION.



**PARTIAL GROUND FLOOR PLAN**

1 : 100

REFERENCE DRAWINGS	DESCRIPTION
1-0102-EGRD-A003	GROUNDING DETAILS



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER - B.O. 899-2015	01/2016	SLJ	DEB

**CH2MHILL.**  
SNC-LAVALIN  
DESIGNED BY: S. JUGANAS  
DRAWN BY: S. JUGANAS  
SCALE: 1:100  
DATE: 2015/12/02

**KGS**  
CONSULTANTS  
CHECKED BY: D. BECKER  
APPROVED BY: E. RYCZKOWSKI  
BY: T. TURZAK  
DATE: 2016/01/29

CONSULTANT NO.: 474248



**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE  
SEWPPC UPGRADING/EXPANSION PROJECT  
ELECTRICAL - GROUNDING LAYOUT  
SECONDARY CLARIFIERS 4 AND 5  
GROUND FLOOR PLAN

CITY DRAWING NUMBER: 1-0102-EGRD-S002  
SHEET: 001  
REV: 00  
SIZE: A1