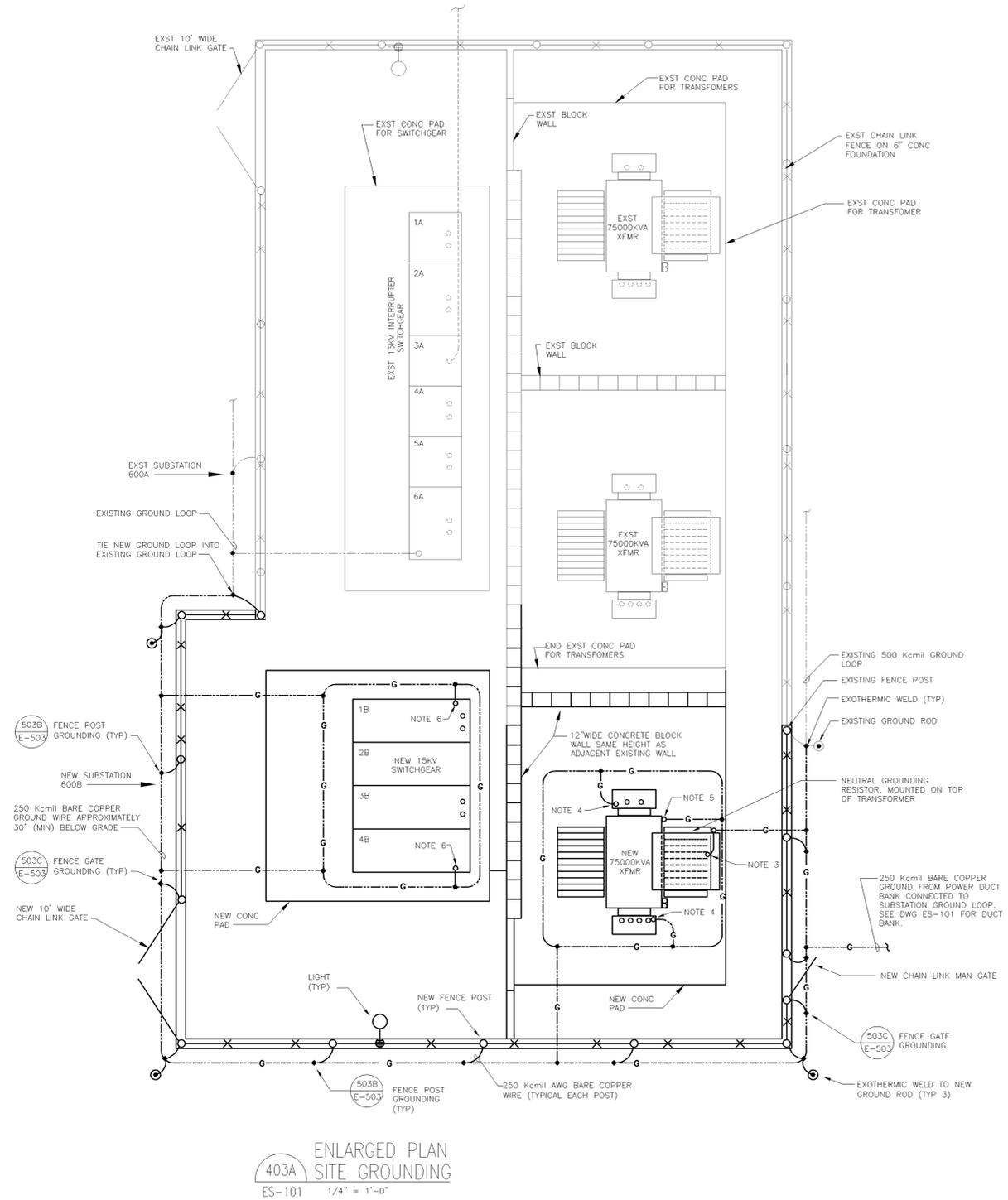


Date (mm dd yyyy)	Issued For	Rev.
12-07-2007	TITLE II DESIGN 30% REVIEW SUBMITTAL	C
03-28-2008	TITLE II DESIGN 60% REVIEW SUBMITTAL	D
07-31-2008	TITLE II DESIGN 90% REVIEW SUBMITTAL	E
09-25-2008	TITLE II DESIGN 100% OWNER REVIEW	F
02-19-2009	TITLE II CONSTRUCTION BID ISSUE	0



ENLARGED PLAN
403A SITE GROUNDING
ES-101 1/4" = 1'-0"

This drawing has been prepared solely for the use of Brookhaven National Laboratory and there are no representations of any kind made by Giffels Partnership to any party with whom Giffels Partnership has not entered into a contract.

This drawing shall not be used for construction purposes until the seal and signature of the responsible registrant appears on the drawing and proper permit forms and related fees are transmitted by the Owner, Owner's Agent or Contractor to the Authority Having Jurisdiction.

- NOTES**
- ALL GROUND WIRES TO SHALL BE 250 Kcmil BARE COPPER U.O.N.
 - NOT USED.
 - GROUND RESISTOR ELEMENT TO GROUND LOOP. RUN 250 Kcmil BARE COPPER GROUND WIRE FROM GROUND RESISTOR TO GROUND LOOP SIMILAR TO EXISTING TRANSFORMER.
 - BOLTED CONNECTION TO GROUND BAR IN AIR TERMINAL BOX.
 - GROUND TRANSFORMER RAIL.
 - 250 Kcmil BARE COPPER GROUND WIRE TO SWITCHGEAR GROUND BUS FROM GROUND LOOP.

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Approved By: E. BARTOY
Project Manager: G. KAPLAN
Project Engineer/Architect: J. BOSSORY
Project No.: SF070003

JOB NO. SHEET NO. REVISION		DATE	ENL.	APPR.	QA
BROOKHAVEN NATIONAL LABORATORY					
UNDER CONTRACT WITH UNITED STATES DEPARTMENT OF ENERGY PLANT ENGINEERING DIVISION UPTON, NEW YORK 11973					
JOB TITLE CENTRAL CHILLED WATER FACILITY PHASE II			DWG. TITLE ENLARGED PLAN SITE GROUNDING		
DATE	SCALE	APPR. BY	DATE	SCALE	APPR. BY
11/20/05	AS NOTED	R. BARTOY	11/20/05	AS NOTED	R. BARTOY
JOB NO. 11705		SHEET OF 600		DWG. NO. ES-403	