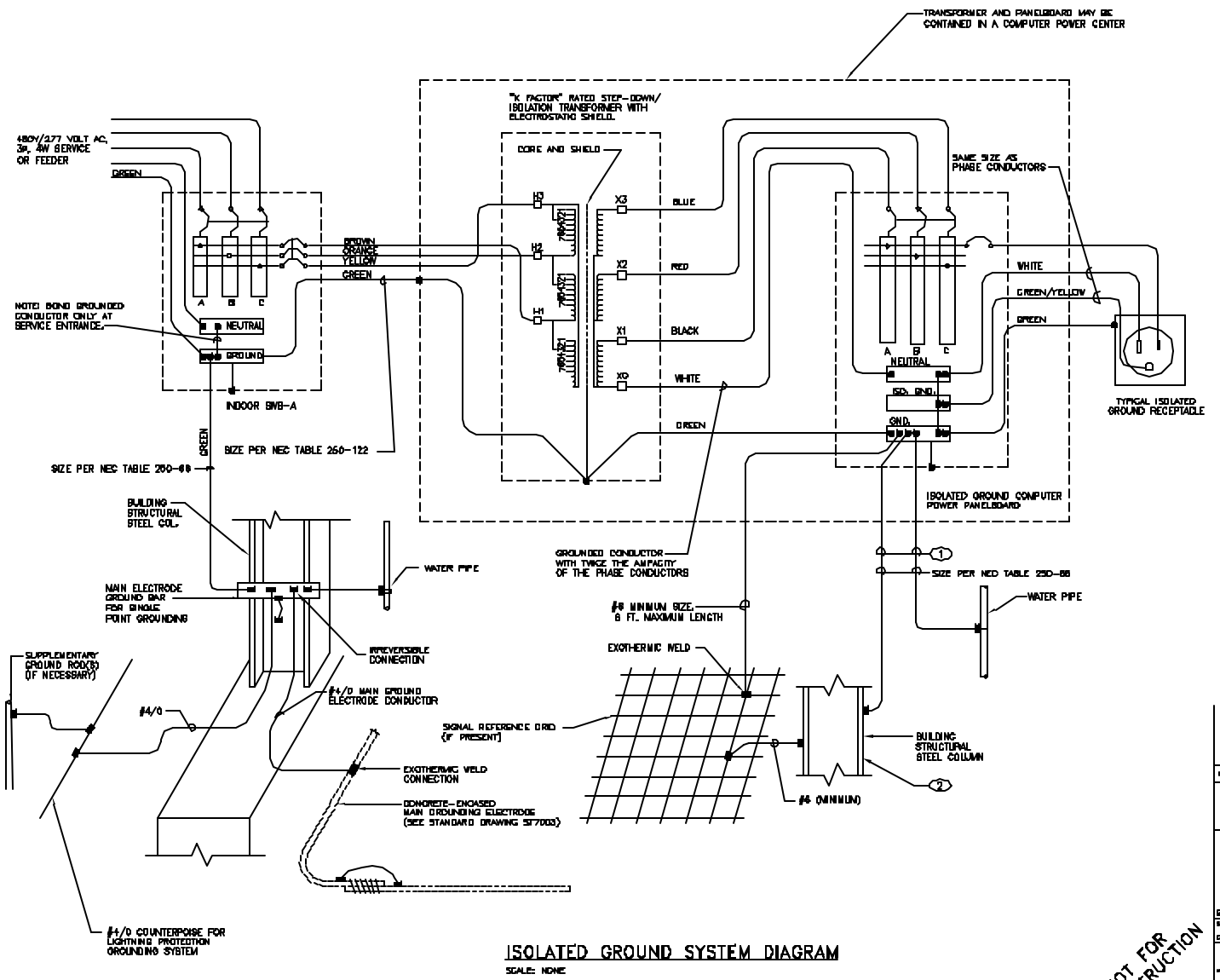

ISOLATED GROUND SYSTEM DIAGRAM

SCALE: NONE

NOT FOR CONSTRUCTION

KEYED NOTES:

1. BOND TO MAIN ELECTRODE GROUND BAR INSTEAD OF BUILDING STRUCTURAL STEEL IF FIRST OVERCURRENT DEVICE FOR THE SEPARATELY DERIVED SYSTEM IS WITHIN 50 FT. OF THE MAIN ELECTRODE GROUND BAR.
2. IF BUILDING STRUCTURE IS NOT STRUCTURAL STEEL, INSTALL "MAIN ELECTRODE GROUND BAR EXTENSIONS" FOR SEPARATELY DERIVED SYSTEMS FARTHER THAN 50 FT. FROM THE MAIN ELECTRODE GROUND BAR.

DESIGNER: EDIT ISOLATED GROUND SYSTEM DIAGRAM TO BE PROJECT-SPECIFIC.

NO	DATE	CLASS REV	DESCRIPTION	DWN	VER	CHKD	SUB	APP
1	11-19-02		NEW DRAWING NO., CORRECTED LAYERS, MINOR REVISIONS. REPLACES ST-7004	SB	DP	DW	DP	TD

FWO FACILITY & WASTE OPERATIONS SYSTEMS ENGINEERING & MAINTENANCE

LANL ENGINEERING MANUAL

ISOLATED GROUND SYSTEM DIAGRAM

BLDG. TA-

DRAWN D.W. POWELL
DESIGN D.W. POWELL
CHECKED D. STIMERELL
DATE 08-22-02

SUBMITTED: DISCIPLINE FOCS DAVID W. POWELL
APPROVED FOR RELEASE: STANDARDS MANAGER TOBIN DRUCH

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SHEET OF

CLASSIFICATION: UNC
REVIEWER: LARRY BOYS
DATE

PROJECT ID: CHAPTER 7
DRAWING NO: ST-D5010-2
REV: 1