



KROGER STORE #473

2013 UNIVERSITY AVENUE OXFORD, MISSISSIPPI 38655

A DEVELOPMENT OF THE KROGER COMPANY

naos Naos Design Group Of Mississippi, PLLC.

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ARCHITECT OF RECORD



COMMERCIAL DESIGN SYSTEMS, INC. 12825 SW GALBREATH DRIVE SHERWOOD, OREGON 97140 503.866.7000 (7363) 629.8022

INTERIOR DECOR

Pickering Pickering Firm, Inc. Architectural - Engineering Planning - Surveying 6776 Lanox Center Court, Suite 300 Memphis, TN 38115 901.728.0816

ENGINEER OF RECORD: STRUCTURAL MECHANICAL ELECTRICAL CIVIL ENGINEER

V-SOFT INFRASTRUCTURE 1600 CHESTER ROAD CHATTANOOGA, TN 37424 T: 505-690-3009

LOW VOLTAGE

telgian TELGIAN CORPORATION 10230 SOUTH 50TH PLACE SUITE 100 PHOENIX, AZ 85044 T: (877) 805-4426 HTTP://WWW.TELGIAN.COM FIRE PROTECTION

ISSUE LOG

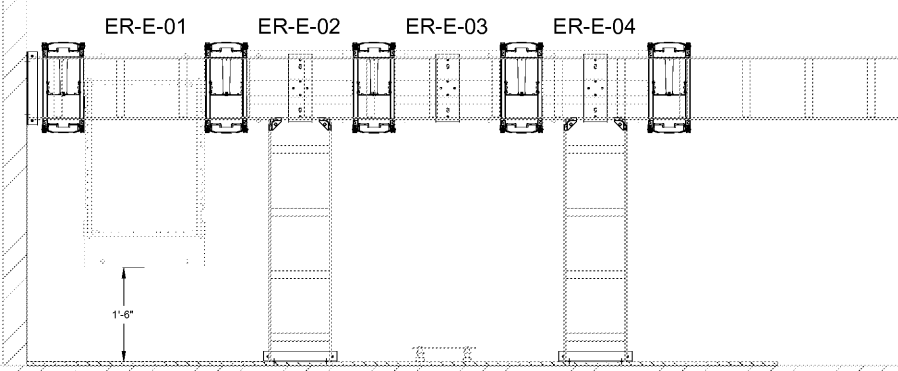
Table with 4 columns: NO., REV., DESCRIPTION, DATE. Contains two entries: 1 - PERMIT SET 12/08/18, 2 - BID SET 03/21/19

JOB: 2018041 SCALE: NO SCALE SHEET NO.

ER-E BUILD OUT T41

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3'-0"



1 ER-E PLAN VIEW SCALE: NTS

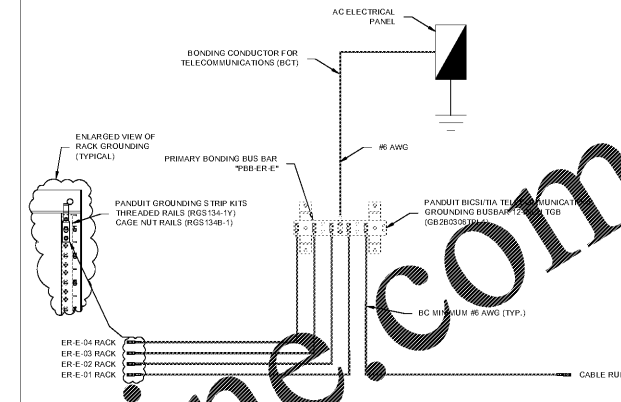
SHEET NOTES

- 1. PROVIDE AND INSTALL CPI 12-INCH CABLE RUNWAY (12050-712) AND COMPONENTS PER MANUFACTURER INSTALLATION GUIDELINES.
2. PROVIDE AND INSTALL PANDUIT 4-POST AND 2-POST RACKS, PANDUIT VERTICAL AND HORIZONTAL WIRE MANAGERS AS SHOWN.
3. REFER TO THE BONDING AND GROUNDING SCHEMATIC FOR DETAILS ON RACK AND CABLE RUNWAY GROUNDING REQUIREMENTS.
4. PROVIDE AND INSTALL PANDUIT ANGLED PATCH PANELS TO TERMINATE THE RISER AND HORIZONTAL CABLE RUNWAYS. ER-E: ALL PANDUIT PATCH PANELS REQUIRE PANDUIT STRIP KIT (S) BARS (S) (S) ON THE REAR OF THE CPI PANELS, FOR SUPPORT, MANAGEMENT AND PROTECTION. RADIUS PROTECTORS.
5. PROVIDE AND INSTALL THE REQUIRED QUANTITY, LENGTH, COLOR OF PATCH CORDS AND FIBER AS SHOWN. COORDINATE BY THE CABLE CONTRACTOR.
6. THE OWNER PROVIDED HP SWITCHES AND UPS SHALL BE INSTALLED BY THE CABLE CONTRACTOR.
7. THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ALL POWER GROUND REQUIREMENTS IN THE EQUIPMENT ROOM. OUTLETS SHALL BE LOCATED ON OVERHEAD CABLE RUNWAY AS DETAILED ON THE DRAWING.

2 SHEET NOTES SCALE: NTS

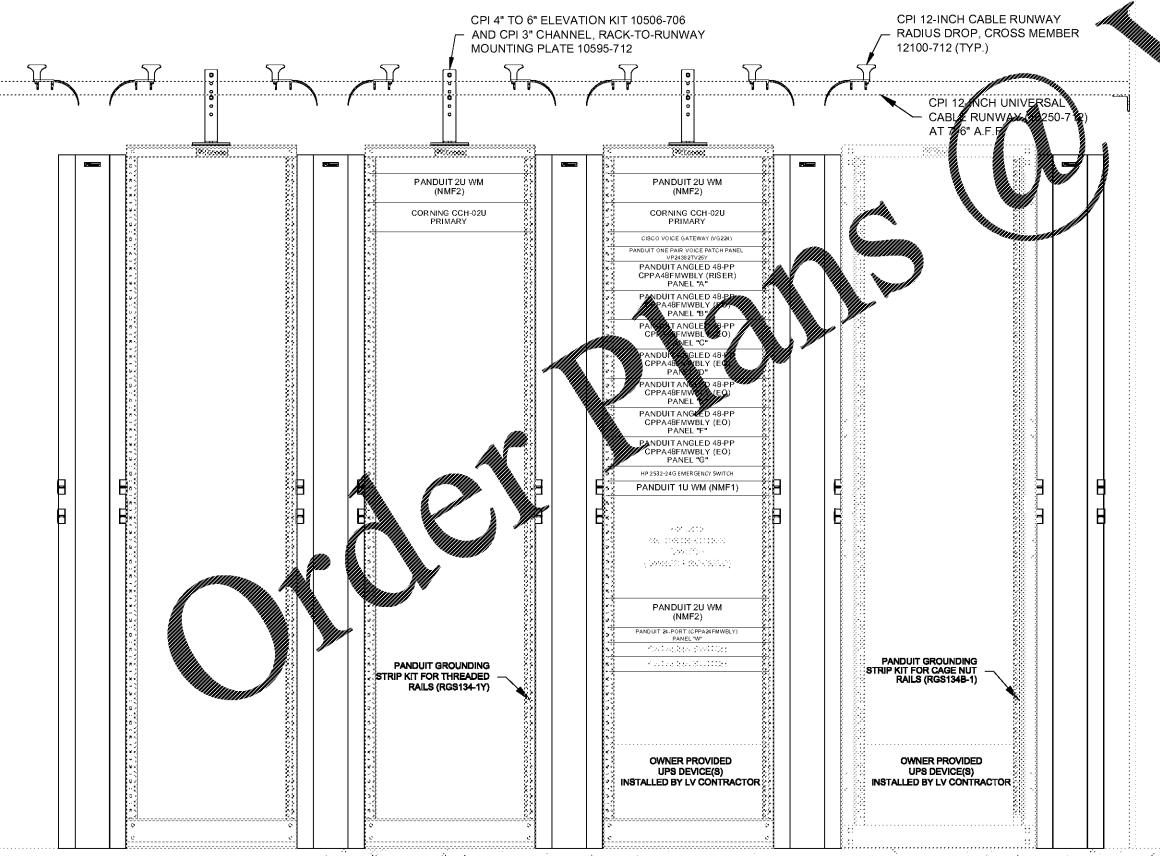
GROUNDING AND BONDING LEGEND:

- PANDUIT #6 AWG, 1/4-INCH, TWO-HOLE, CODE CONDUCTOR, LONG BARREL WITH WINDOW LUG, SLOTTED 45 DEGREE, FOR RACKS (LC05-14AWH-L)
PANDUIT #6 AWG, 1/4-INCH, TWO-HOLE, CODE CONDUCTOR, LONG BARREL WITH WINDOW LUG, STRAIGHT, FOR BUS BAR (LC05-14AW-L)
PANDUIT #6 AWG, 3/8-INCH, TWO-HOLE, CODE CONDUCTOR, LONG BARREL WITH WINDOW LUG, STRAIGHT, FOR BUS BAR (LC05-38AW-L)
PANDUIT GROUNDING STRIP KITS FOR CAGE NUT RAILS (RGS134B-1)
PANDUIT GROUNDING STRIP KITS FOR THREADED RAILS (RGS134-1Y)
BCT BONDING CONDUCTOR FOR TELECOMMUNICATIONS
BC BONDING CONDUCTOR

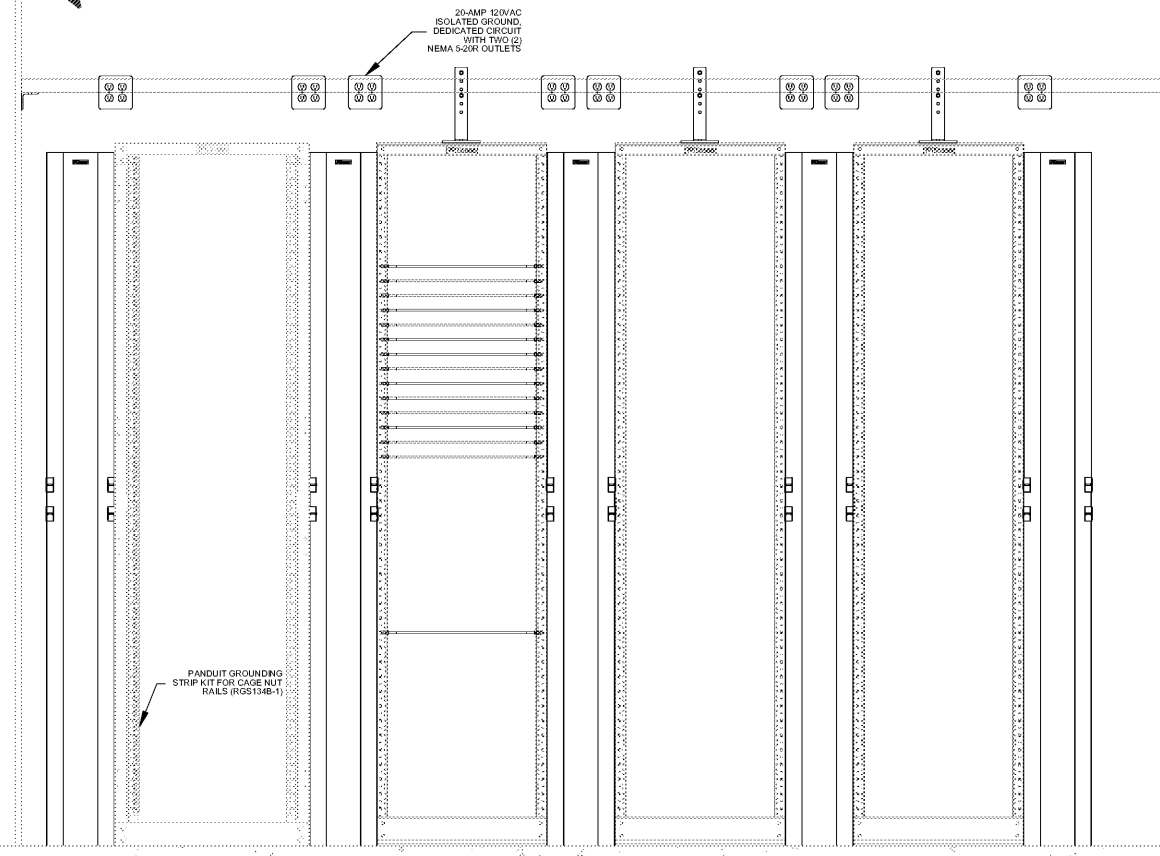


- 1. THE CABLE CONTRACTOR SHALL PROVIDE AND INSTALL THE PRIMARY BONDING BUS BAR (PBB) IN THE EQUIPMENT ROOM AS ILLUSTRATED IN ABOVE DETAIL AND ASSOCIATED DRAWING.
2. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL THE BONDING CONDUCTOR FOR TELECOMMUNICATIONS (BCT). THE BCT SHALL BE A MINIMUM #6 AWG COPPER CABLE WITH A GREEN INSULATING JACKET. THE BCT SHALL BE INSTALLED FROM THE NEAREST AC PANEL BOARD TO THE EQUIPMENT ROOM. THE BONDING OF THE BCT TO THE PBB SHALL BE MADE WITH A TWO-HOLE COMPRESSION LUG PLACED ON THE CENTERMOST LOCATION OF THE PBB. THE TWO-HOLE COMPRESSION LUG USED SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.
3. THE CABLE CONTRACTOR SHALL PROVIDE AND INSTALL A SEPARATE HOME RUN BONDING CONDUCTOR (BC) FROM EACH RACK TO THE PBB. THE BC SHALL BE A MINIMUM #6 AWG COPPER CABLE WITH A GREEN INSULATING JACKET. A PANDUIT GROUNDING STRIP KIT SHALL BE INSTALLED ON THE RIGHT RAIL. BONDING OF THE RACK END OF THE BC SHALL BE MADE WITH A TWO-HOLE COMPRESSION LUG. BONDING OF THE PBB END SHALL BE MADE WITH A TWO-HOLE COMPRESSION LUG. ALL COMPONENTS SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.
4. THE CABLE CONTRACTOR SHALL BOND TOGETHER THE ENTIRE CPI OVERHEAD CABLE RUNWAY SYSTEM WITHIN THE EQUIPMENT ROOM WITH BONDING JUMPERS AT ALL OPEN JOINTS TO ENSURE THE ENTIRE SYSTEM IS PROPERLY BONDED. ALL BONDING JUMPERS SHALL BE CPI CABLE RUNWAY GROUNDING STRIP KIT (RGS134-1Y) OR EQUIVALENT. AT ALL BONDING LOCATIONS, THE PAINT SHALL BE REMOVED AND THE APPROPRIATE ANTI-OXIDANT JOINT COMPOUND APPLIED. ALL BONDING OF THE OVERHEAD CABLE RUNWAY SYSTEM SHALL BE MADE WITH A MINIMUM #6 AWG COPPER CABLE WITH A GREEN INSULATING JACKET AND TWO-HOLE COMPRESSION LUGS THAT ARE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.
5. THE CABLE CONTRACTOR SHALL PROVIDE AND INSTALL A SEPARATE HOME RUN BONDING CONDUCTOR (BC) FROM THE PBB TO THE CPI OVERHEAD CABLE RUNWAY SYSTEM WITHIN THE EQUIPMENT ROOM. THE BC SHALL BE A MINIMUM #6 AWG COPPER CABLE WITH A GREEN INSULATING JACKET. THE BC SHALL BE "HOME RUN" FROM THE OVERHEAD CABLE RUNWAY SYSTEM TO THE PBB. AT THE BONDING LOCATION ON THE OVERHEAD CABLE RUNWAY SYSTEM, THE PAINT SHALL BE REMOVED AND THE APPROPRIATE ANTI-OXIDANT JOINT COMPOUND APPLIED. BONDING OF BOTH ENDS OF THE BC SHALL BE MADE WITH TWO-HOLE COMPRESSION LUGS THAT ARE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

3 GROUNDING & BONDING SCALE: NTS



4 ER-E RACK ELEVATION (FRONT) SCALE: NTS



5 ER-E RACK ELEVATION (REAR) SCALE: NTS

Order Plans @