

NO	REVISION / SUBMISSIONS	DATE

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 SCIENCE BLDG. (5015) MODERNIZATION
 1001 MANSFIELD ST. BRUNSWICK GA, 31520
 GLYNN COUNTY BOARD OF EDUCATION

CAPITAL OUTLAY
 PROJECT # TBD
 SYSTEM CODE: 663
 SCHOOL CODE: 4752
 FTE: 1793

ELECTRICAL RISER DIAGRAMS



ISSUED FOR:
 BID SET

J.V. MP
 DRAWN BY
 DPCE
 CHECKED BY
 DJP
 APPROVED BY
 01/18/19
 PROJECT DATE
 1802
 PROJECT NUMBER

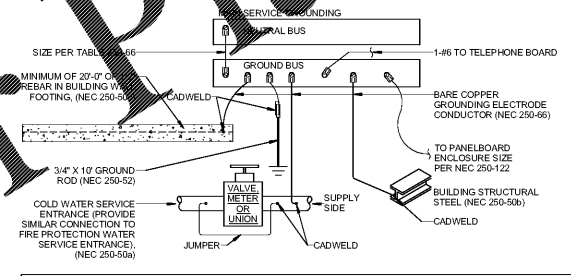
SHEET NUMBER:
E7.01

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dpce DON PENN CONSULTING ENGINEER
 1001 BELLANA BLVD.
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 WESTLAKE, TX 79082
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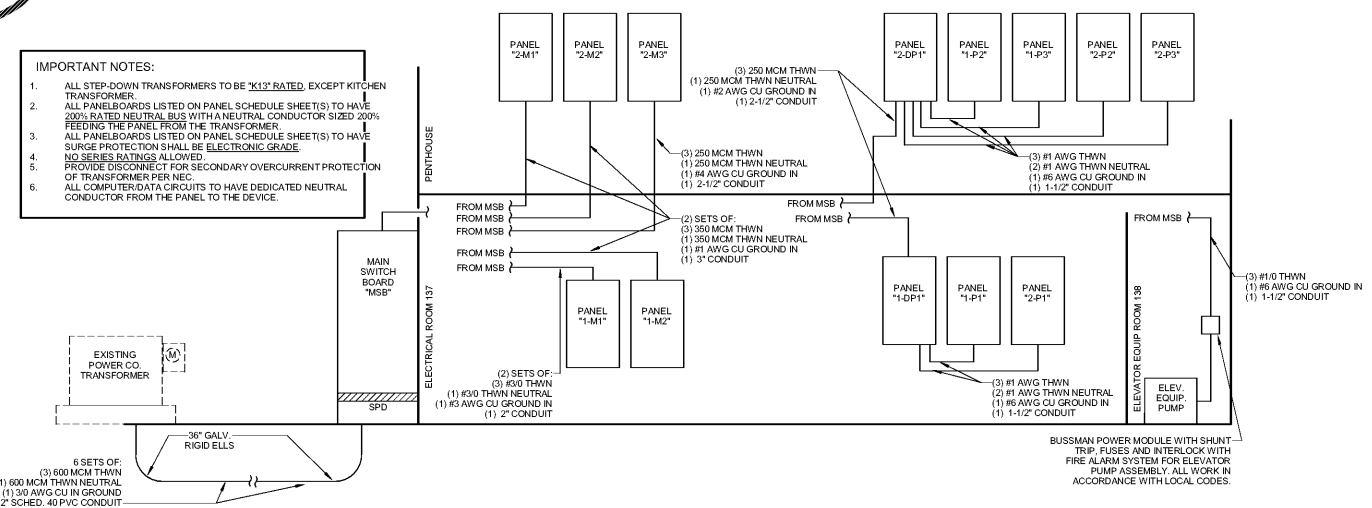
Order Plans @ www.LDILine.com

2 GROUNDING ELECTRODE SYSTEM DETAIL
 SCALE: N.T.S.



- NOTES:
 1. PROVIDE AT ALL EXPANSION JOINTS TO MAINTAIN CONTINUITY OF STEEL ELECTRICAL BOND.
 2. INSTALL ALL GROUNDING AND BONDING IN ACCORDANCE WITH ARTICLE 250-50 OF THE NATIONAL ELECTRICAL CODE.
 3. ALL GROUNDING CABLES SHALL BE #2/0 COPPER UNLESS NOTED OTHERWISE.

1 ELECTRICAL RISER DIAGRAM - SYSTEM 1
 SCALE: N.T.S.



- IMPORTANT NOTES:
 1. ALL STEP-DOWN TRANSFORMERS TO BE "K112" RATED, EXCEPT KITCHEN TRANSFORMER.
 2. ALL PANELBOARDS LISTED ON PANEL SCHEDULE SHEETS(S) TO HAVE 200% RATED NEUTRAL BUS WITH A NEUTRAL CONDUCTOR SIZED 200% FEEDING THE PANEL FROM THE TRANSFORMER.
 3. ALL PANELBOARDS LISTED ON PANEL SCHEDULE SHEETS(S) TO HAVE SURGE PROTECTION SHALL BE ELECTRONIC GRADE.
 4. NO SERIES RATINGS ALLOWED.
 5. PROVIDE DISCONNECT FOR SECONDARY OVERCURRENT PROTECTION OF TRANSFORMER PER NEC.
 6. ALL COMPUTER DATA CIRCUITS TO HAVE DEDICATED NEUTRAL CONDUCTOR FROM THE PANEL TO THE DEVICE.

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