

CRAWL SPACE ELECTRICAL PLAN
SCALE: 1/4"=1'-0"

LIGHTING NOTES:

- WHERE EXISTING WIRING AND CIRCUITRY WHICH IS TO REMAIN IS LEFT EXPOSED BY DEMOLITION AND REMOVAL OF PARTITION AND/OR HUNG CEILING, RESERVE SUCH WIRING TO MAINTAIN THE CIRCUIT CONTINUITY.
- WHERE EXISTING WIRING AND CIRCUITRY TO REMAIN IS LEFT STRIPPED UP FROM FLOOR BY THE DEMOLITION AND REMOVAL OF PARTITIONS, RESERVE SUCH WIRING AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY AND GET BACK CONDUIT BELOW TOP OF FINISHED SLAB TO PERMIT PATCHING.
- WHERE EXISTING CIRCUITRY IS BEING UTILIZED FOR CONNECTION OF NEW LOADS OR BEING RETAINED FOR EXISTING LOADS AND SUCH CIRCUITRY IS NOT EXACTLY AS INDICATED ON PLANS, MAKE SUCH MODIFICATIONS AS MAY BE REQUIRED TO WIRING TO ACCOMPLISH THE DESIGN INTENT.
- WHERE EXISTING LIGHTING EQUIPMENT, WIRING, ETC. IS INDICATED AS REMAINING AND SUCH ITEMS INTERFERE WITH THE INSTALLATION OR THE DEMOLITION WORK OF OTHER TRADES, DISCONNECT, REMOVE, AND RELOCATE TO AVOID CONFLICTS. REINSTALL AND RECONNECT SUCH ITEMS AS REQUIRED.
- WHERE EXISTING FIXTURES ARE BEING REMOVED AND SUCH REMOVAL DISTURBS THE CIRCUITRY TO FIXTURES WHICH ARE TO REMAIN, PROVIDE ALL NECESSARY MODIFICATIONS AND ADDITIONS TO WIRING AS REQUIRED TO RETAIN SERVICE AND SWITCH CONTROL FOR REMAINING FIXTURES.
- NUMBERS INDICATED FOR BRANCH CIRCUITS ARE FOR GROUPING ONLY.
- ALL PANELBOARD DIRECTIONS ARE TO BE UPDATED FOR FUTURE REFERENCE.

POWER PLAN NOTES:

- WHERE EXISTING WIRING AND CIRCUITRY WHICH IS TO REMAIN IS LEFT EXPOSED BY DEMOLITION AND REMOVAL OF PARTITION AND/OR HUNG CEILING, RESERVE SUCH WIRING TO MAINTAIN THE CIRCUIT CONTINUITY.
- WHERE EXISTING WIRING AND CIRCUITRY TO REMAIN IS LEFT STRIPPED UP FROM FLOOR BY THE DEMOLITION AND REMOVAL OF PARTITIONS, RESERVE SUCH WIRING AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY AND GET BACK CONDUIT BELOW TOP OF FINISHED SLAB TO PERMIT PATCHING.
- WHERE EXISTING CIRCUITRY IS BEING UTILIZED FOR CONNECTION OF NEW LOADS OR BEING RETAINED FOR EXISTING LOADS AND SUCH CIRCUITRY IS NOT EXACTLY AS INDICATED ON PLANS, MAKE SUCH MODIFICATIONS AS MAY BE REQUIRED TO WIRING TO ACCOMPLISH THE DESIGN INTENT.
- WHERE EXISTING LIGHTING EQUIPMENT, WIRING, ETC. IS INDICATED AS REMAINING AND SUCH ITEMS INTERFERE WITH THE INSTALLATION OR THE DEMOLITION WORK OF OTHER TRADES, DISCONNECT, REMOVE, AND RELOCATE TO AVOID CONFLICTS. REINSTALL AND RECONNECT SUCH ITEMS AS REQUIRED.
- WHERE EXISTING FIXTURES ARE BEING REMOVED AND SUCH REMOVAL DISTURBS THE CIRCUITRY TO FIXTURES WHICH ARE TO REMAIN, PROVIDE ALL NECESSARY MODIFICATIONS AND ADDITIONS TO WIRING AS REQUIRED TO RETAIN SERVICE AND SWITCH CONTROL FOR REMAINING FIXTURES.
- NUMBERS INDICATED FOR BRANCH CIRCUITS ARE FOR GROUPING ONLY.
- ALL PANELBOARD DIRECTIONS ARE TO BE UPDATED FOR FUTURE REFERENCE.
- CONTRACTOR SHALL COORDINATE ALL DATA LOCATIONS, DEVICES, WIRING, EQUIPMENT, ETC. WITH COLLEGE PRIOR TO INSTALLATION FOR CONNECTION TO CAMPUS SYSTEM.

KEY NOTES:

- CONTRACTOR TO PROVIDE AND INSTALL NEW GAS-SHOWER SUB-METERING TO ACQUIRE ELECTRICAL POWER TO THE PANELBOARD. SUB-METERING TO BE ONLINE TO THE EXISTING CAMPUS METER, 150-30000-RATED OR ONE-ENGINEER APPROVED EQUAL.
- CONTRACTOR TO PROVIDE AND INSTALL TWO (2) NEW MOLD-CASE, 200/40 VAC, 20A, POLE-TO-KAG, CIRCUIT BREAKERS IN EXISTING PANELBOARD "PBR", SPACES R3 AND R4.
- CONTRACTOR TO PROVIDE AND INSTALL THREE (3) NEW MOLD-CASE, 200/40 VAC, 20A, POLE-TO-KAG, CIRCUIT BREAKERS IN EXISTING PANELBOARD "PBR", SPACES R1, R2 AND R5.
- NEW MIN-DOME SECURITY CAMERA. CONTRACTOR TO COORDINATE ALL SECURITY SYSTEM REQUIREMENTS WITH COLLEGE PRIOR TO INSTALLATION.

Revisions

Date	Issue	Description
03-06-15	1	ISSUED FOR DCA FILING
03-18-15	2	ISSUED FOR BIDDING

Consultants

LINWOOD ENGINEERING ASSOCIATES, P.A.

CONSULTING MECHANICAL & ELECTRICAL ENGINEERS

LEA 955 Lincoln Ave. 2301 Dupont Drive-Suite 150
 Glen Rock, New Jersey Irvine, California
 07452 92512
 t: 201.857.3998 f: 714.424.0001
 t: 201.857.3994 f: 714.424.0004
 www.linwoodengineering.com

Michael T. Davina, P.E. NJ #48654 AR #13868
 CT #0025779 CT #E16118
 CT #15318
 FL #69560
 MA #48516
 NJ #30419
 NY #019975
 NY #56608
 PA #036014-E

Project

INTERIOR RENOVATIONS
 AT THE
HOLLY - C RESIDENCE
RAMAPO COLLEGE
 OF NEW JERSEY
 505 Ramapo Valley Road
 Mahwah, New Jersey 07430-1680

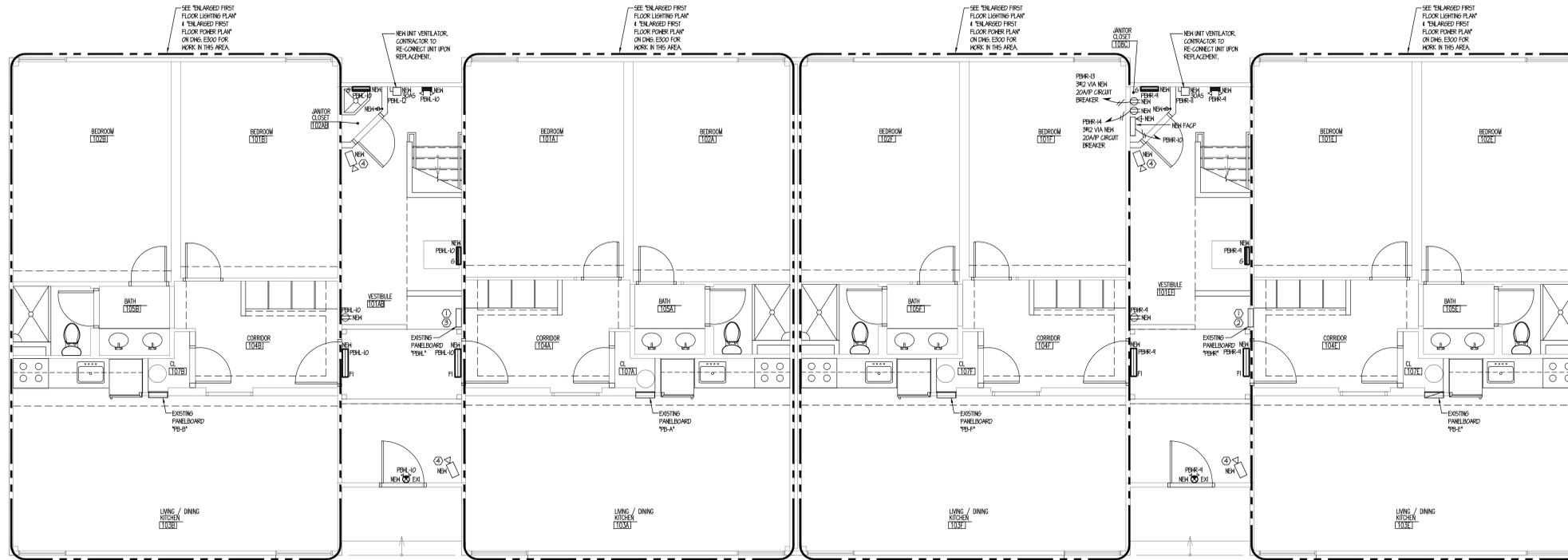
Client

RAMAPO COLLEGE
 OF NEW JERSEY
 505 Ramapo Valley Road
 Mahwah, New Jersey 07430-1680

SNS Architects & Engineers, PC
 1 PARAGON DRIVE - MONTVALE - NEW JERSEY - 07645
 tel: 201.573.1767 fax: 201.573.0808 www.sns-arch-eng.com

- Fay W. Logan, AIA
- John M. Lignos, AIA
- Lorin J. Somenshine, AIA
- Steven Napolitano, PE

Cert./Lic. No.		
Date	02-03-15	Scale AS NOTED
Drawn By	HD	Checked By gg
Dwg. Title	CRAWL SPACE & FIRST FLOOR ELECTRICAL PLANS	
Work Order No.	4698C	Dwg. No. E200



FIRST FLOOR ELECTRICAL PLAN
SCALE: 1/4"=1'-0"