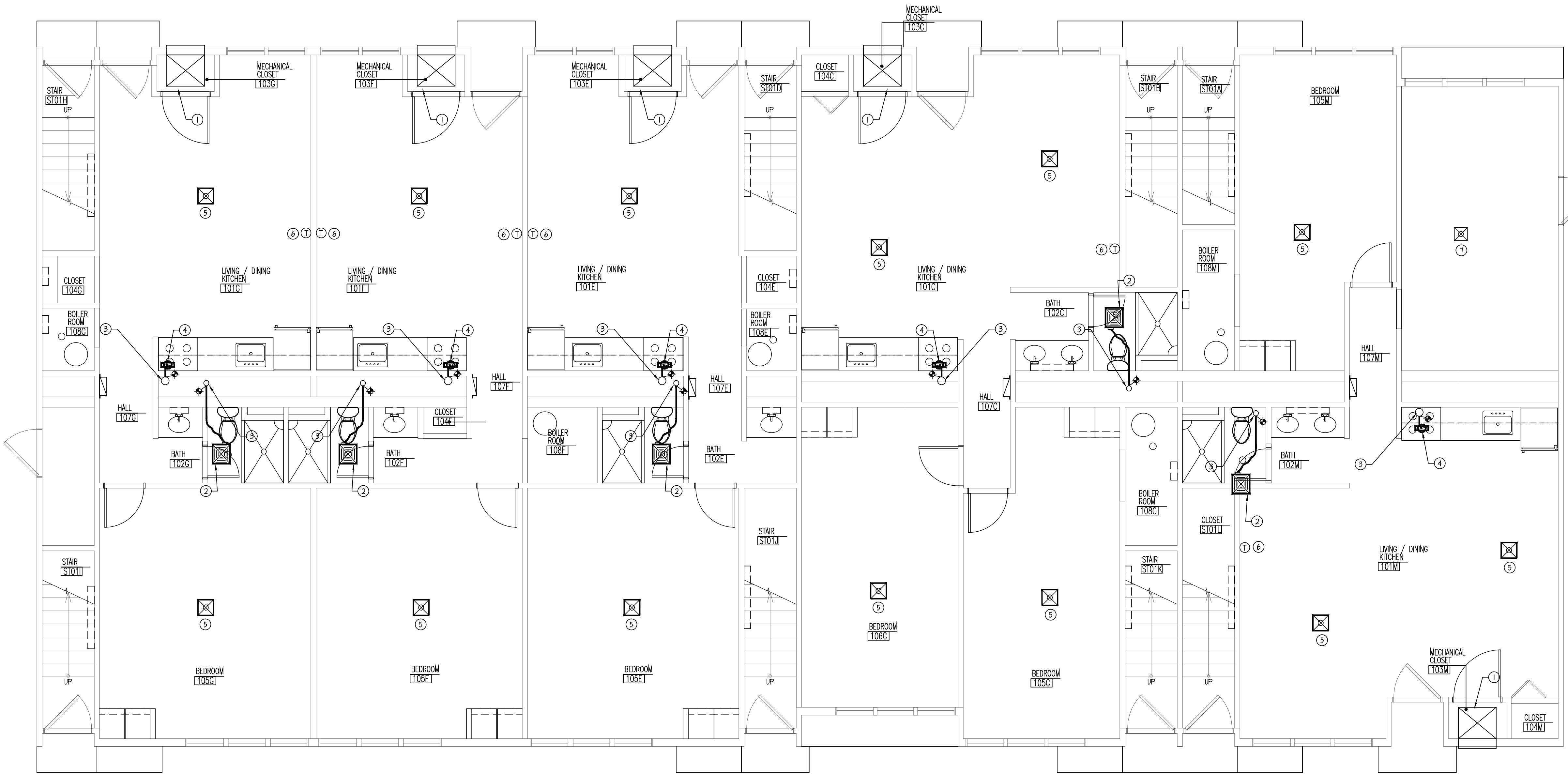


**SECOND FLOOR HVAC PLAN**  
SCALE: 1/4"=1'-0"

- KEY NOTES:**
- 1 EXISTING PACKAGED VERTICAL A/C UNIT.
  - 2 NEW EXHAUST FAN MANUFACTURED BY BROAD MODEL "619" TO CONNECT TO EXISTING DUCT RISER WITH 4" DUCT. VERIFY EXISTING LOCATION OF DUCT RISER IN FIELD.
  - 3 SEAL ALL JOINTS IN EXISTING TOILET AND KITCHEN EXHAUST DUCT RISER WITH NEW MASTIC.
  - 4 NEW 10"x8-1/4" DUCT TRANSITION TO 6" TO RUN IN CEILING TO CONNECT TO EXISTING EXHAUST DUCT RISER. VERIFY EXISTING LOCATION OF DUCT RISER IN FIELD.
  - 5 NEW SUPPLY GRILLE MANUFACTURED BY TITUS MODEL "300R" OR APPROVED EQUAL. NEW GRILLE NECK AND FRAME SIZE TO MATCH EXISTING.
  - 6 RE-INSTALL EXISTING THERMOSTAT/TEMPERATURE SENSOR. REPLACE AS REQUIRED IF DAMAGED DURING CONSTRUCTION. (TYP.)
  - 7 EXISTING SUPPLY GRILLE TO REMAIN.

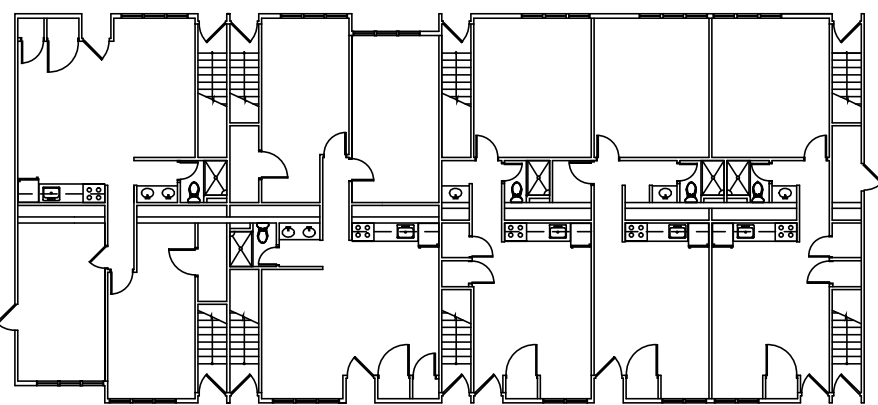


**FIRST FLOOR HVAC PLAN**  
SCALE: 1/4"=1'-0"

Revisions

Date	Issue	Description
06-03-15	1	ISSUED FOR CONSTRUCTION

Key Plan



Consultants

**LINWOOD ENGINEERING ASSOCIATES, P.A.**

CONSULTING MECHANICAL & ELECTRICAL ENGINEERS

**LEA**

955 Lincoln Ave.  
Glen Rock, New Jersey 07452  
t: 201.857.3998  
f: 201.857.3994

2301 Dupont Drive-Suite 150  
Irvine, California 92612  
t: 714.424.0001  
f: 714.424.0004

www.linwoodengineering.com

**Michael T. Davina, P.E.**

NJ #48654  
CT #0025779

**Robert J. Hatch, P.E.**

AR #13868  
CA #E16118  
CT #13318  
FL #69560  
MA #48516  
NJ #30419  
NV #019975  
NY #56608  
PA #036014-E

Project

INTERIOR RENOVATIONS  
AT THE  
**BUTTERNUT - M 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. Sonenshine, AIA  
Steven Napolitano, PE

Cert./Lic. No.  
Date 04-23-15 Scale AS NOTED  
Drawn By PSC/ckd Checked By MD

Dwg. Title  
**FIRST AND SECOND FLOOR HVAC PLANS**

Work Order No. Dwg. No.

**4698M M200**