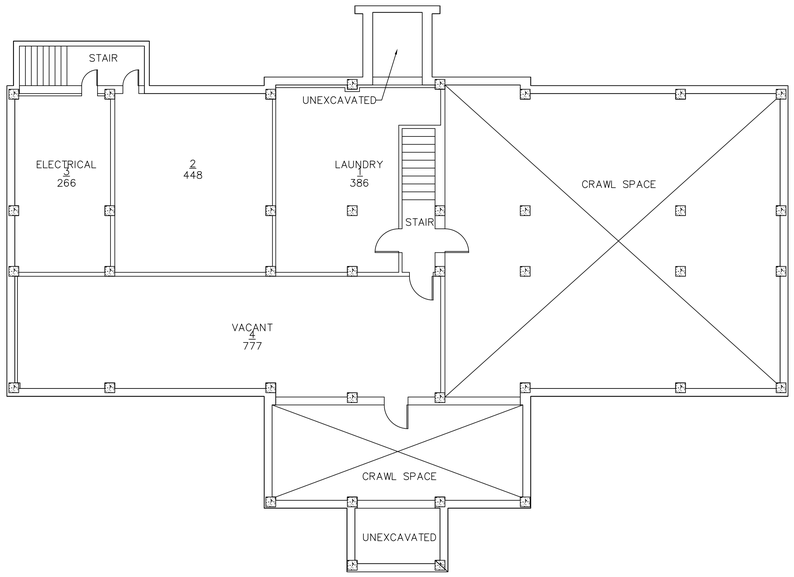
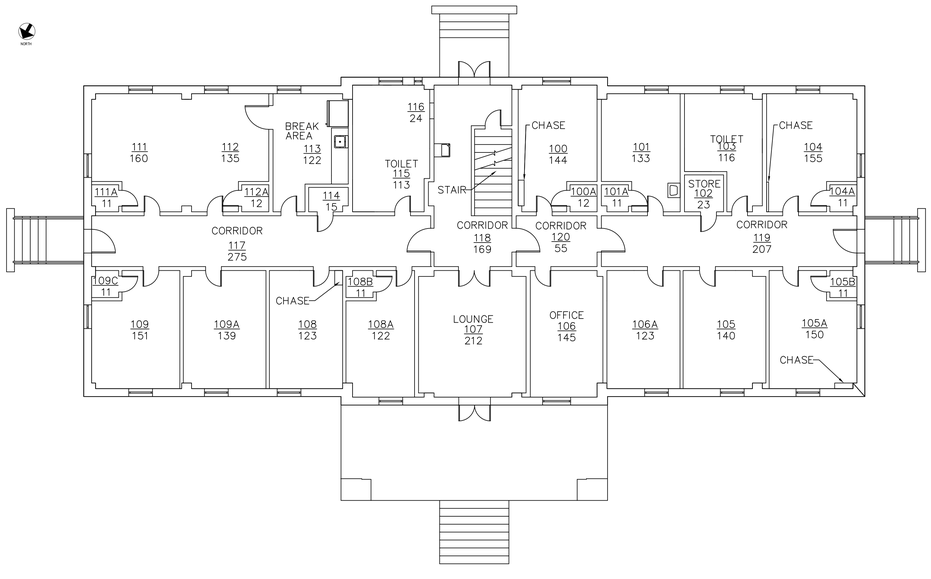


BLDG. 17, BSMT., PLAN VIEW

SCALE: 1/8"=1'-0"

BLDG. 17, 2ND FLR., PLAN VIEW

SCALE: 1/8"=1'-0"



BLDG. 17, 1ST FLR., PLAN VIEW

SCALE: 1/8"=1'-0"

NEW CONSTRUCTION HVAC

BASEMENT
INSTALL HVAC SYSTEM AS NEEDED FOR ENVIRONMENTAL CONTROL

1ST FLOOR
INSTALL NEW CENTRAL HVAC SYSTEM UTILIZING EXISTING BOILER

2ND FLOOR
INSTALL NEW CENTRAL HVAC SYSTEM UTILIZING EXISTING BOILER

GENERAL HVAC NOTES:

1. CONTRACTOR SHALL DESIGN AND INSTALL (UPON APPROVAL OF DESIGN) A CENTRALIZED MULTI-ZONE VARIABLE REFRIGERANT FLOW HVAC SYSTEM CONSISTING OF A MINIMUM OF 5 ZONES FOR THE BUILDING. SYSTEM SHALL UTILIZE EXISTING BOILER FOR PRIMARY HEAT AND SHALL INCLUDE INDIVIDUAL ROOM CONTROLS. SYSTEM SHALL BE PATTERNED AFTER RECENTLY INSTALLED SYSTEMS IN VAMC SALEM BUILDINGS 11 AND 12.
2. BASEMENT, ATTIC OR ABOVE CEILING SPACE MAY BE USED FOR AIR HANDLERS.
3. NEW HVAC SYSTEM SHALL UTILIZE EXISTING BOILER FOR HEATING OF ENTIRE BUILDING.
4. NEW SYSTEM SHALL UTILIZE SIEMANS CONTROLS AND BE CAPABLE OF MONITORING AND CONTROL FROM THE CONTROL ROOM IN BUILDING 143.
5. CONTRACTOR SHALL HAVE THE OPTION OF UTILIZING SOME OF THE EXISTING CLOSETS AS CHASES FOR HVAC COMPONENTS, ELECTRICAL, OR PLUMBING BETWEEN FLOORS (WITHOUT IMPACT TO STRUCTURAL COMPONENTS). CONTRACTOR MAY USE EXISTING CLOSETS FOR STAGING OF TERMINAL UNITS, SUPPLY LINES, OR DUCTWORK WHICH SHALL GENERALLY BE LOCATED OVERHEAD. CONTRACTOR SHALL DEMOLISH ALL CLOSETS MARKED FOR DEMOLITION AND NOT USED FOR CHASES.
6. ABOVE CEILING SPACE IN CORRIDORS.
7. ALL AIR PLNUMS SHALL BE DUCTED. DESIGN SHALL INCORPORATE ALL VA HVAC DESIGN GUIDANCE AND ENERGY CONSERVATION REQUIREMENTS.
8. AS AN ALTERNATIVE TO THE SYSTEM NOTED ABOVE, THE CONTRACTOR MAY PROPOSE A VARIABLE AIR VOLUME SYSTEM WITH SIMILAR PERFORMANCE TO THE SYSTEM DESCRIBED ABOVE. DUE TO LIMITED OVERHEAD SPACE, THIS TYPE OF SYSTEM MAY NOT BE FEASIBLE FOR INSTALLATION ABOVE CORRIDOR CEILINGS, ETC..

LEGEND

111/125 — ROOM NUMBER.

EXISTING.

NEW CONSTRUCTION.

Revisions	Date

Approved: Energy Engineer

Approved: Safety Manager

Approved: Service Chief

Approved: Infection Control Officer

Approved: Chief of Staff

Approved: GEMS Coordinator

Approved: Associate Director

Drawing Title: MECHANICAL-HVAC BASEMENT, 1ST & 2ND FLOORS

Approved: Chief of Facility Management Svc.

Approved: Medical Center Director

Project Title: RENOVATE VACANT SPACE FOR RURAL HEALTH PROGRAM

Building Number: 17 | Checked: WGJ | Drawn: WBJ

Location: V.A.M.C. SALEM 24153

Date: 03-16-12

Project No. 658-12-105

DRAWING NO. M-1

Sheet 8 Of 10

Veterans Affairs