

APPLICABLE CODES

THE FOLLOWING CODES AND REGULATIONS ARE APPLICABLE TO THIS PROJECT:

- COMMONWEALTH OF VIRGINIA - CAPITAL OUTLAY MANUAL - 1988 WITH LATEST AMENDMENTS. CRITERIA FOR ALL PHASES OF THE PROJECT.
- UNIFORM STATEWIDE BUILDING CODE - 1990 FOR INSTALLATION OF MECHANICAL EQUIPMENT, SYSTEMS AND ENERGY CONSERVATION.
- LIFE SAFETY CODE - 101 - 1993 VIRGINIA FIRE REGULATION FEATURES OF FIRE PROTECTION FOR PENETRATION OF SMOKE AND FIRE RATED BARRIERS.
- NATIONAL FIRE PROTECTION ASSOCIATION - 70 - 1993 NATIONAL ELECTRICAL CODE. MINIMUM REQUIREMENTS OF THE INSTALLATION OF ALL ELECTRICAL WORK.
- DIVISION OF ENGINEERING AND BUILDINGS - CAPITAL OUTLAY MANUAL 1988 WITH LATEST AMENDMENTS ENERGY CONSERVATION STANDARDS. MINIMUM DESIGN FOR HEATING, VENTILATING AND AIR CONDITIONING.
- INFORMATION OBTAINED FROM OFFICE OF STATE FIRE MARSHAL:
 - CONSTRUCTION CLASSIFICATION TYPE: 2B
 - BUILDING USE GROUP: I-2

ASBESTOS DISCLOSURE STATEMENT

AN ASBESTOS INSPECTION WAS PERFORMED AND ASBESTOS CONTAINING MATERIAL WAS FOUND GENERALLY ABOVE CEILINGS, IN PIPE CHASES AND MECHANICAL ROOMS. THESE MATERIALS WILL BE REMOVED UNDER A SEPARATE CONTRACT PRIOR TO CONSTRUCTION. THE WORK IN THIS PROJECT IS NOT INTENDED TO DISTURB THE EXISTING ASBESTOS-CONTAINING MATERIALS. ASBESTOS SURVEY REPORTS WILL BE MADE AVAILABLE TO THIS CONTRACTOR.

LEAD-BASED PAINT DISCLOSURE STATEMENT

A LEAD-BASED PAINT INSPECTION WAS PERFORMED AND LEAD BASED PAINT WAS FOUND IN THE AREAS INDICATED. HOWEVER, THE WORK IN THIS PROJECT IS NOT INTENDED TO DISTURB THE EXISTING LEAD-BASED PAINT. LEAD-BASED PAINT SURVEY REPORTS WILL BE MADE AVAILABLE TO THE CONTRACTOR.

INDEX OF DRAWINGS

SHEET NO.

DESCRIPTION

TITLE SHEET

CEILING REPLACEMENT

- CR-1 BUILDING 107 - CEILING REPLACEMENT - BASEMENT FLOOR PLAN
- CR-2 BUILDING 107 - CEILING REPLACEMENT - FIRST FLOOR PLAN
- CR-3 BUILDING 107 - CEILING REPLACEMENT - SECOND FLOOR PLAN
- CR-4 BUILDING 115 - CEILING REPLACEMENT - FIRST FLOOR PLAN
- CR-5 BUILDING 115 - CEILING REPLACEMENT - SECOND FLOOR PLAN
- CR-6 BUILDING 118 - CEILING REPLACEMENT - FIRST FLOOR PLAN
- CR-7 BUILDING 118 - CEILING REPLACEMENT - SECOND FLOOR PLAN

MECHANICAL - ELECTRICAL

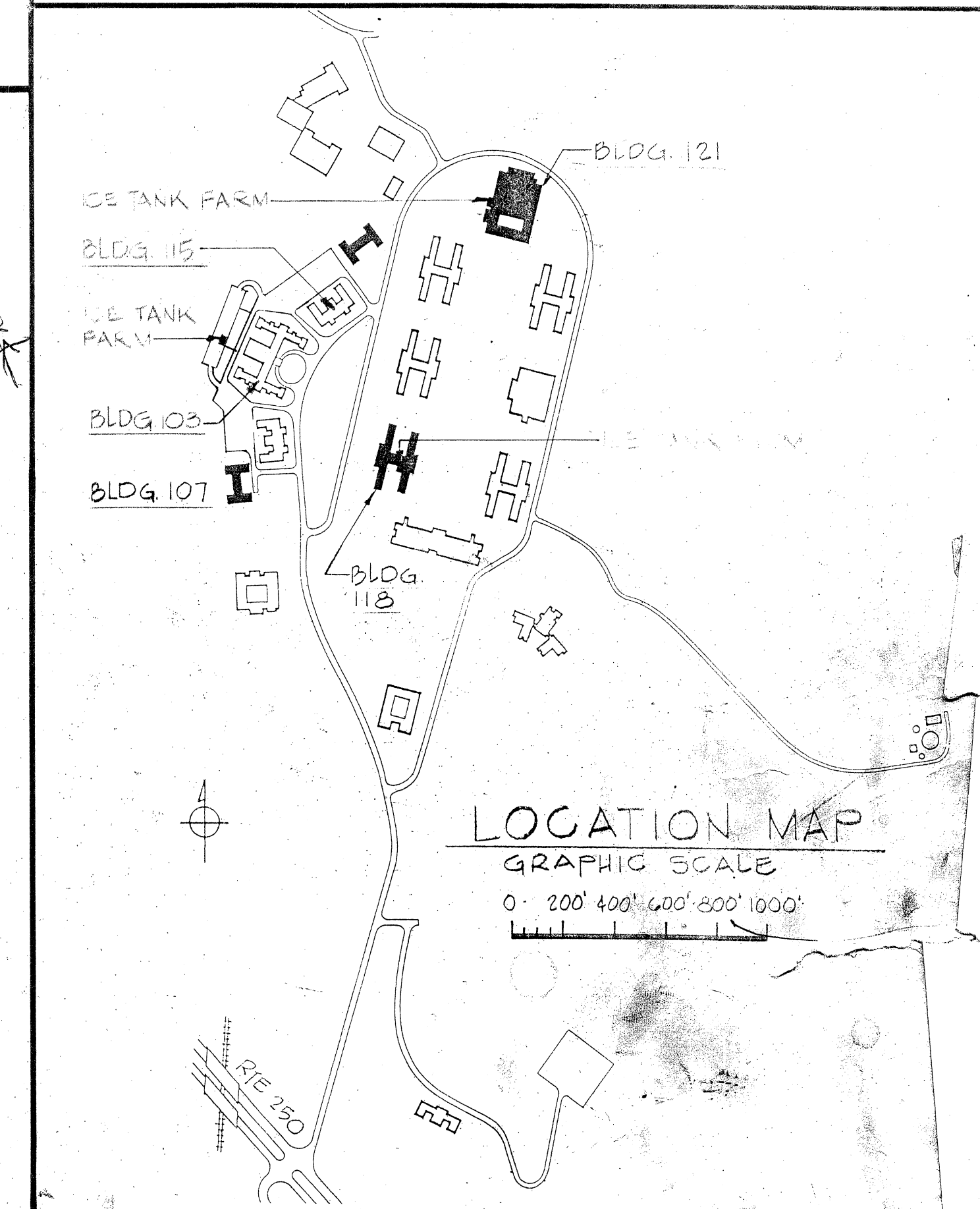
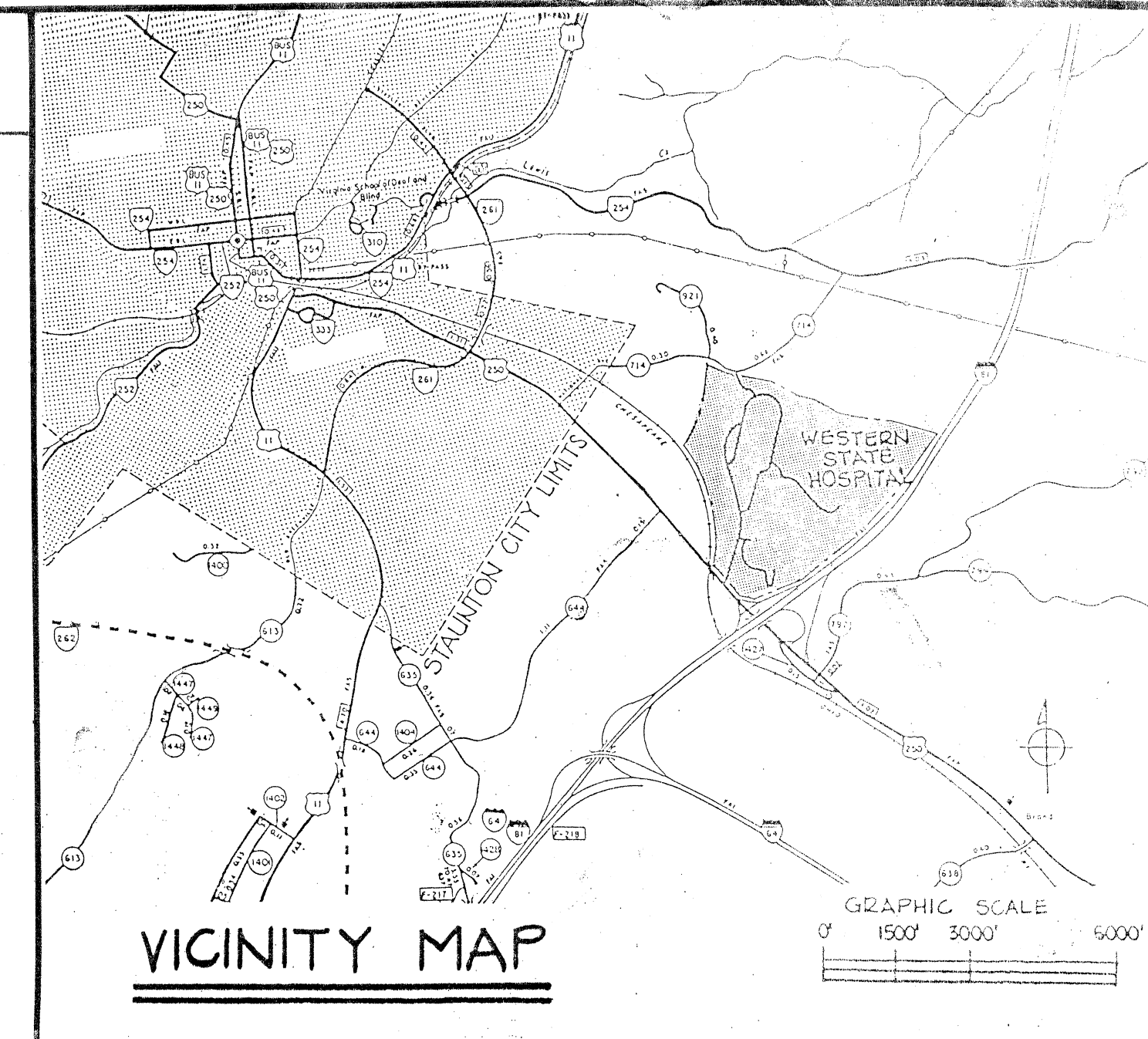
- ME-1 BUILDING 107 - MECHANICAL & ELECTRICAL-BASEMENT FLOOR PLAN
- ME-2 BUILDING 107 - MECHANICAL & ELECTRICAL-FIRST FLOOR PLAN
- ME-3 BUILDING 107 - MECHANICAL & ELECTRICAL-SECOND FLOOR PLAN
- ME-4 BUILDING 115 - MECHANICAL & ELECTRICAL-FIRST FLOOR PLAN
- ME-5 BUILDING 115 - MECHANICAL & ELECTRICAL-SECOND FLOOR PLAN
- ME-6 BUILDINGS 107 & 115 - MECHANICAL-PARTIAL-BASEMENT FLOOR PLAN
- ME-7 BUILDINGS 107 & 115 - MECHANICAL & ELECTRICAL - MECHANICAL ROOMS
- ME-8 BUILDING 118 - MECHANICAL & ELECTRICAL-FIRST FLOOR PLAN
- ME-9 BUILDING 118 - MECHANICAL & ELECTRICAL - SECOND FLOOR PLAN
- ME-10 BUILDING 118 - MECHANICAL & ELECTRICAL-PARTIAL PLANS & DETAILS
- ME-11 BUILDING 121 - MECHANICAL & ELECTRICAL-PARTIAL FIRST FLOOR PLAN 'A'
- ME-12 BUILDING 121 - MECHANICAL & ELECTRICAL-SECOND FLOOR PLAN
- ME-13 BUILDING 121 - MECHANICAL & ELECTRICAL-PARTIAL PLANS & DETAILS
- ME-14 SCHEDULE OF ROOM NAMES & NUMBERS
- ME-15 MECHANICAL SCHEDULES & DETAILS
- ME-16 ELECTRICAL - SCHEDULES & DETAILS
- ME-17 MECHANICAL & ELECTRICAL - CONTROL DIAGRAMS

SHEET NO.

DESCRIPTION

ICE THERMAL STORAGE

- M-1 MECHANICAL SCHEDULES AND LEGEND
- M-2 BUILDINGS 101, 102, 103, 107 & 115 - MECHANICAL & ELECTRICAL - PARTIAL SITE PLAN
- M-3 BUILDING 103 - MECHANICAL & ELECTRICAL - MECHANICAL ROOM 32 PLAN
- M-4 BUILDINGS 101, 102, 103, 107 & 115 - MECHANICAL - PRIMARY SYSTEM FLOW DIAGRAM
- M-5 BUILDING 118 - MECHANICAL - BASEMENT MECHANICAL ROOM PLAN
- M-6 BUILDING 118 - MECHANICAL - PRIMARY SYSTEM FLOW DIAGRAM
- M-7 BUILDING 121 - MECHANICAL - MECHANICAL ROOM PLAN
- M-8 BUILDING 121 - MECHANICAL - PRIMARY SYSTEM FLOW DIAGRAM
- M-9 MECHANICAL DETAILS
- M-10 BUILDINGS 101, 102, 103, 107 & 115 - PRIMARY CHILLED WATER SYSTEM - CONTROL DIAGRAM
- M-11 BUILDING 118 - PRIMARY CHILLED WATER SYSTEM - CONTROL DIAGRAM
- M-12 BUILDING 121 - PRIMARY CHILLED WATER SYSTEM - CONTROL DIAGRAM
- M-13 MECHANICAL DETAILS



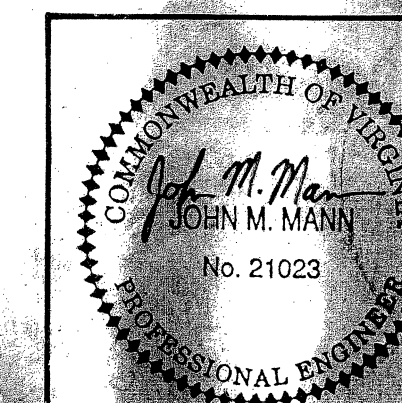
RENOVATE CLIMATE CONTROL BUILDINGS 107, 115, 118 & 121 FOR WESTERN STATE HOSPITAL, STAUNTON, VIRGINIA

PROJECT NO. 706-14677

AGENCY CODE: 706

AGENCY

DEPARTMENT OF MENTAL HEALTH,
MENTAL RETARDATION
& SUBSTANCE ABUSE SERVICES



TITLE SHEET	
RENOVATE CLIMATE CONTROL BUILDINGS 107, 115, 118 & 121 FOR WESTERN STATE HOSPITAL - STAUNTON, VIRGINIA PROJECT NO. 706-14677	
SOWERS & ASSOCIATES, P.C. CONSULTING ENGINEERS POST OFFICE BOX 4038 ROANOKE, VA 24015-0038	DATE: 11-95 REV: 1
	COMM. NO. 8904

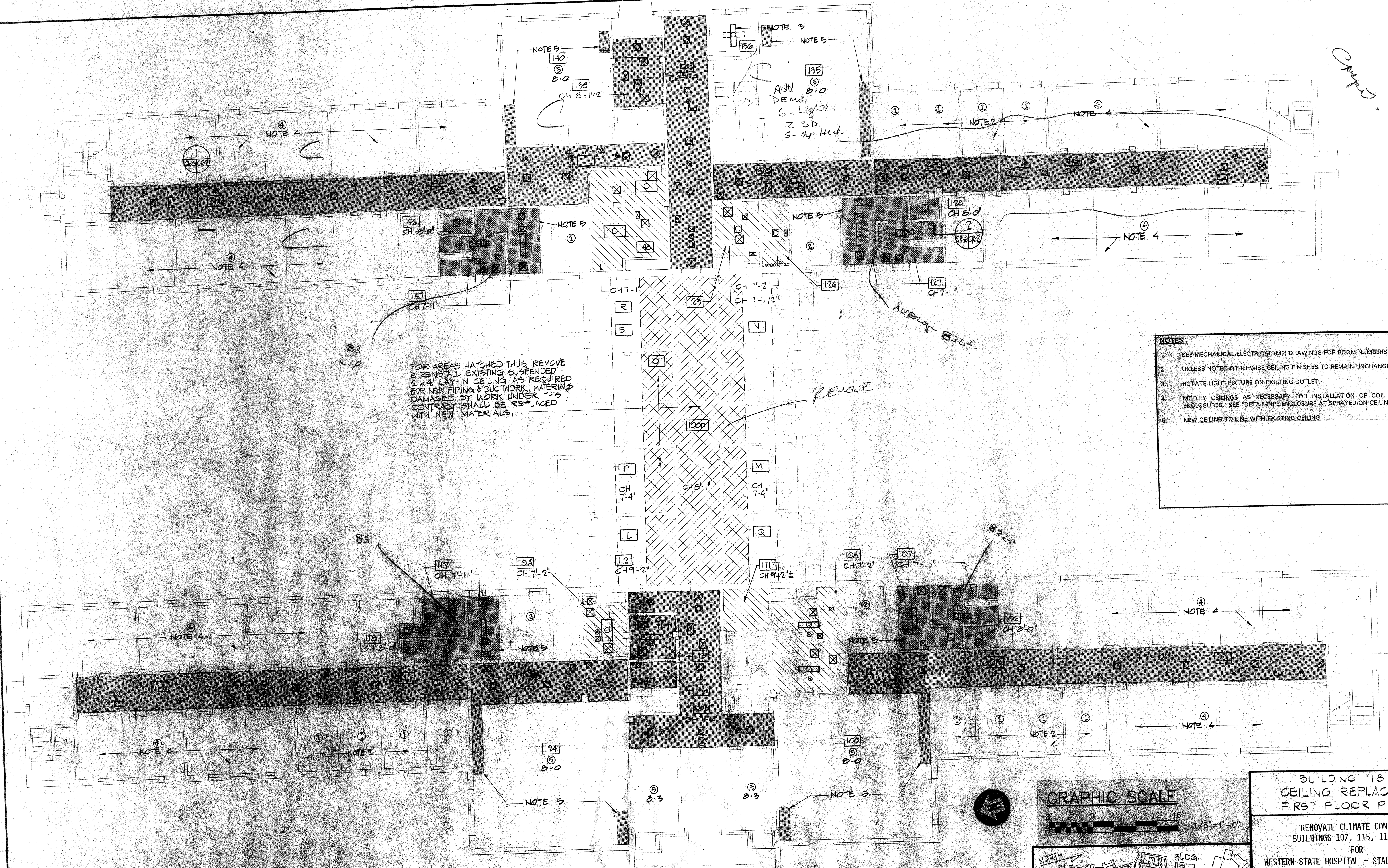
SET #43

118

Renov.

ME #3 DETAIL
25' x 25'

Checked

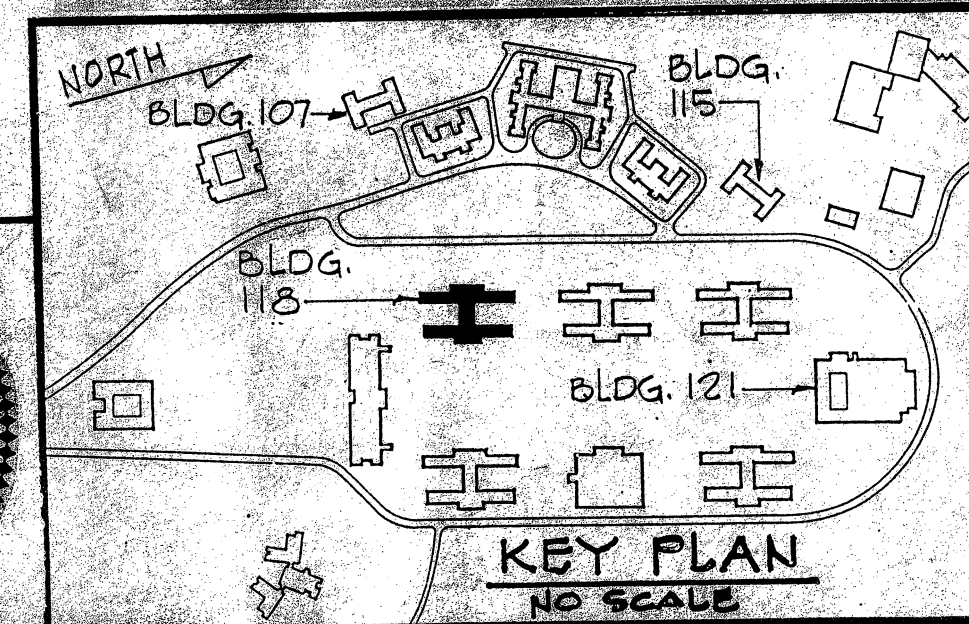
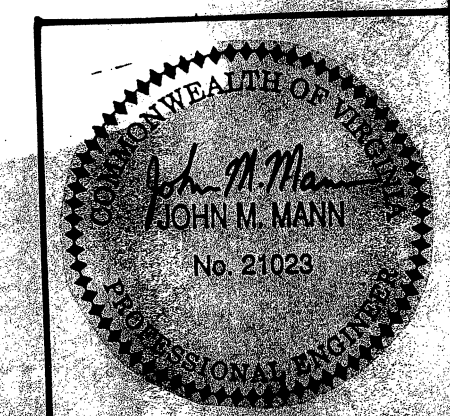
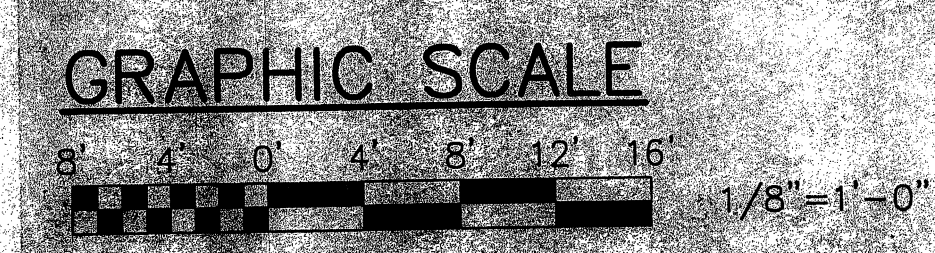


FOR AREAS HATCHED THIS REMOVE & REINSTALL EXISTING SUSPENDED 2'x4' LAY-IN CEILING AS REQUIRED FOR NEW PIPING & DUCTWORK. MATERIALS DAMAGED BY WORK UNDER THIS CONTRACT SHALL BE REPLACED WITH NEW MATERIALS.

REMOVE

- NOTES:
1. SEE MECHANICAL-ELECTRICAL (ME) DRAWINGS FOR ROOM NUMBERS NOT INDICATED.
 2. UNLESS NOTED OTHERWISE, CEILING FINISHES TO REMAIN UNCHANGED.
 3. ROTATE LIGHT FIXTURE ON EXISTING OUTLET.
 4. MODIFY CEILINGS AS NECESSARY FOR INSTALLATION OF COIL UNITS AND PIPE ENCLOSURES. SEE "DETAIL-PIPE ENCLOSURE AT SPRAYED-ON CEILING", SHEET ME-8.
 5. NEW CEILING TO LINE WITH EXISTING CEILING.

FIRST FLOOR PLAN - BUILDING 118
SCALE: 1/8" = 1'-0"



BUILDING 118
CEILING REPLACEMENT
FIRST FLOOR PLAN

RENOVATE CLIMATE CONTROL
BUILDINGS 107, 115, 118 & 121
FOR
WESTERN STATE HOSPITAL - STAUNTON, VIRGINIA
PROJECT NO. 706-14677

SOWERS & ASSOCIATES, P.C.
CONSULTING ENGINEERS
POST OFFICE BOX 4038
ROANOKE, VA 24015-0038

COMM. NO. 8904 DATE 8-11-95 REV. CR-6

DESIGNED RAM
DRAWN MTR/REM
CHECKED RAM
DRAWING NUMBER