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STATE OF MISSOURI
 ERIC R. GREITENS,
 GOVERNOR



Missouri State Certificate of Authority #00075
 PROFESSIONAL SEAL

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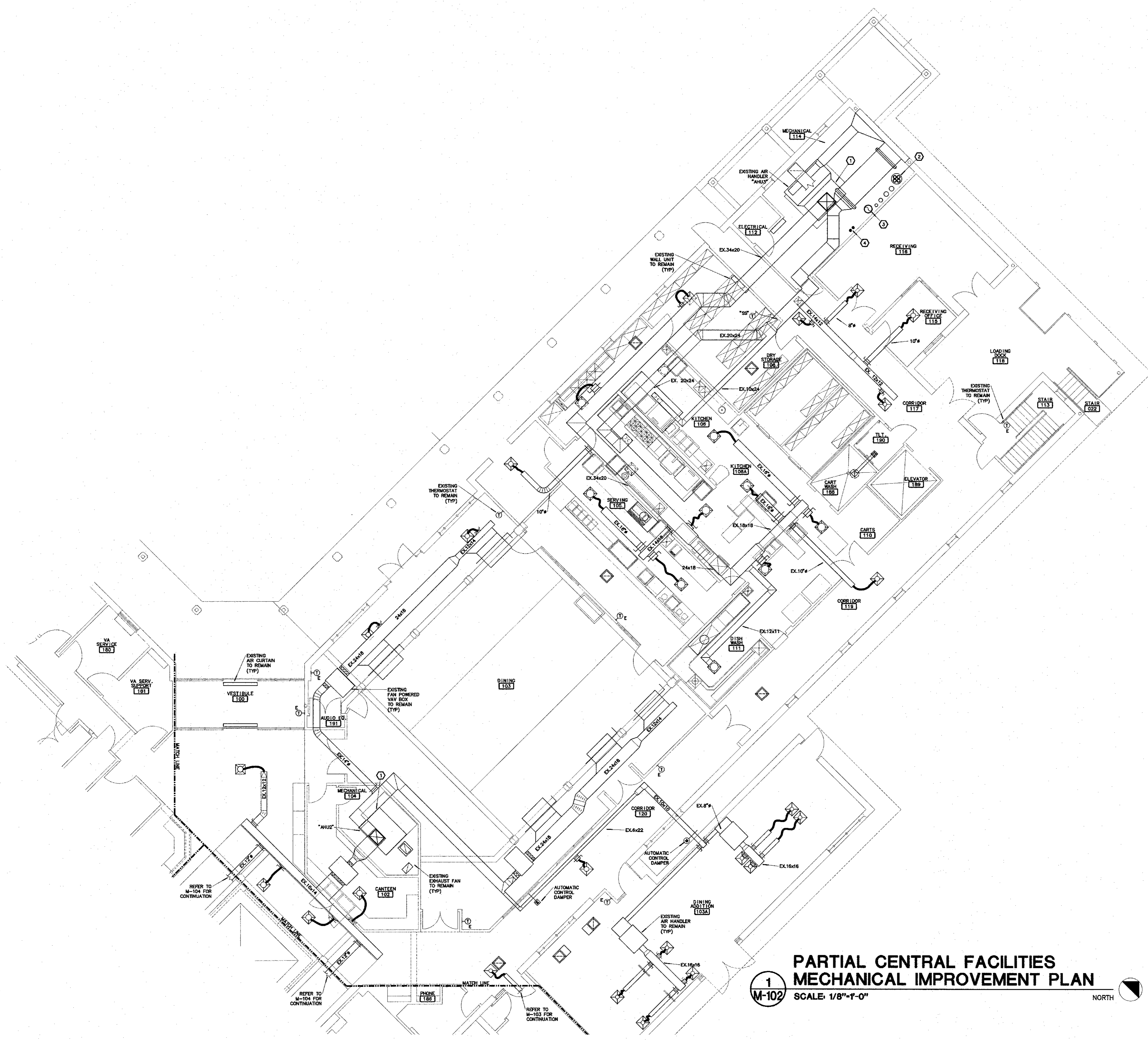
ESTERLY & ASSOCIATES, INC.
 architects & planners
 AIA
 COMM. # 4092

NOTES:

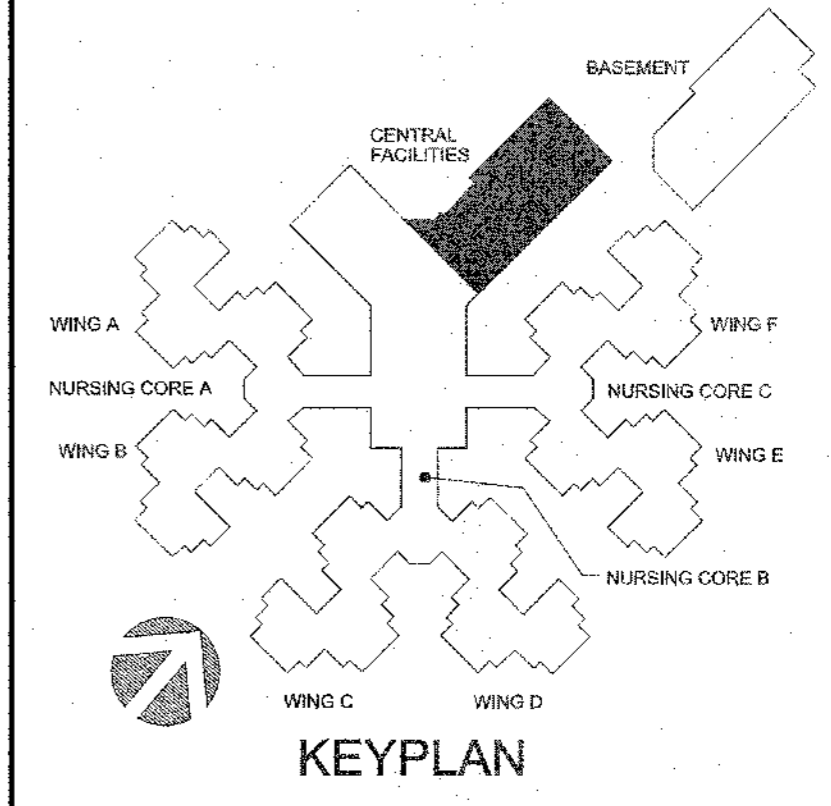
- REMOVE AND REPLACE EXISTING MIXED AIR DAMPER ACTUATOR. CLEAN DAMPERS AND GREASE ACTUATOR ARM AND DAMPERS FOR A FULLY OPERATIONAL ECONOMIZER OPERATION. BALANCE SUPPLY AIR. RETURN AIR AND OUTSIDE AIR TO VALUES SHOWN IN THE AIR HANDLING UNIT SCHEDULE.
- UNDER ALTERNATE BID #3, REMOVE EXISTING DOUBLE WALL FLUE DOWN THRU FLOOR AND UP THRU ROOF. REMOVE EXISTING FLUE CAP AND MAKE READY FOR NEW PIPE CURB. PROVIDE NEW 4" CPVC BOILER VENTS DOWN THRU FLOOR AND UP THRU ROOF TO NEW PIPE CURB. TERMINATE VENTS PER BOILER MANUFACTURER'S RECOMMENDATIONS AND PER ARCHITECT'S DIRECTION FOR A WATERTIGHT INSTALLATION.
- UNDER ALTERNATE BID #1, REMOVE AND REPLACE EXISTING DOUBLE WALL FLUE DOWN THRU FLOOR AND UP THRU ROOF. PROVIDE NEW CURB FOR FLUE AND PROVIDE CAP. FINAL INSTALLATION SHALL BE PER WATER HEATER MANUFACTURER'S RECOMMENDATIONS. CURB AND FLUE PENETRATION SHALL BE WATER TIGHT. INSTALLED PER ARCHITECT'S DIRECTION.
- UNDER ALTERNATE BID #1, ROUTE 4" CPVC VENTS DOWN THRU FLOOR AND UP THRU ROOF. TERMINATE VENTS PER BOILER MANUFACTURER'S RECOMMENDATIONS AND PER ARCHITECT'S DIRECTION FOR A WATERTIGHT INSTALLATION.

GENERAL NOTES:

- ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE 2015 EDITION OF THE INTERNATIONAL PLUMBING CODE.
- ALL MECHANICAL WORK SHALL BE IN ACCORDANCE WITH THE 2015 EDITION OF THE INTERNATIONAL MECHANICAL CODE.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
- CONTRACTOR SHALL SCHEDULE AND EXECUTE ALL WORK WITH REGARD TO THE OWNER'S USE OF THE BUILDING.
- PLANS ARE DIAGNOSTIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- FOR ALL PLUMBING OR HVAC QUESTIONS DURING BIDDING OR DURING CONSTRUCTION, CONTACT SCOTT VANDOREN. (417-881-0020)



**PARTIAL CENTRAL FACILITIES
 MECHANICAL IMPROVEMENT PLAN**
 SCALE: 1/8"=1'-0"



OFFICE OF ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND CONSTRUCTION

DEPARTMENT OF
 PUBLIC SAFETY,
 MISSOURI VETERANS
 COMMISSION

HVAC REPLACEMENT
 PROJECT

MISSOURI VETERANS
 HOME

620 N. JEFFERSON
 ST. JAMES, MO 65559

PROJECT # U1503-03
 FAI # 29-051
 SITE # 4700
 FACILITY # 55019

REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 ISSUE DATE: 10-27-17

CAD DWG FILE: M-102.DWG
 DRAWN BY: JMO
 CHECKED BY: CKC
 DESIGNED BY: JMO

SHEET TITLE:
**MECHANICAL
 PLAN**

SHEET NUMBER:

M-102
 6 OF 41 SHEETS

10-27-17

HVDSA\SPT\VA\SAP\M-102_23_Oct_2017 - 2:24 pm