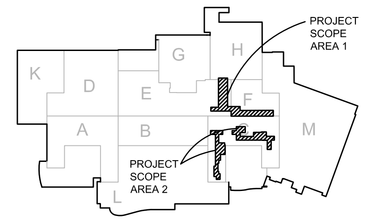
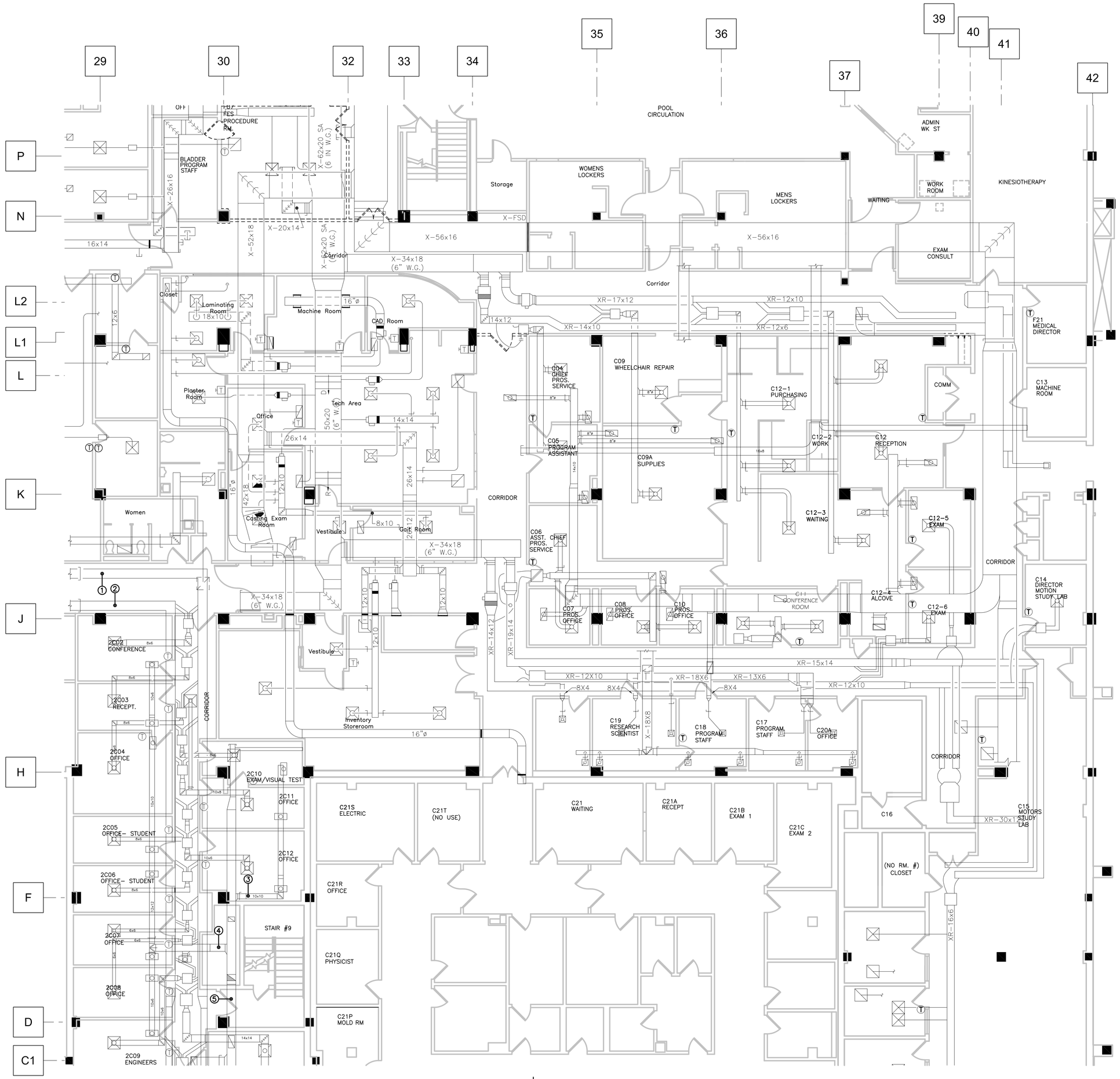
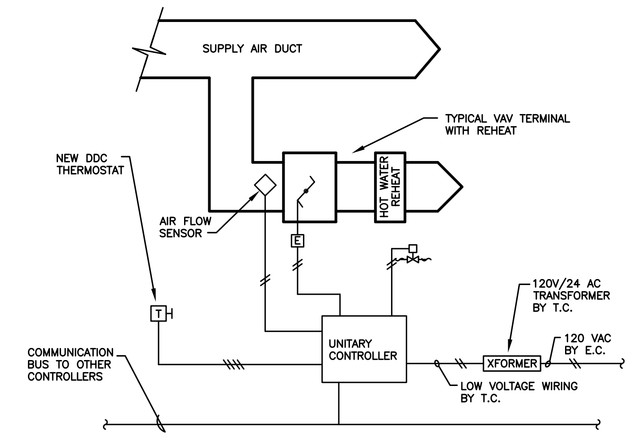


KEY PLAN - BASEMENT
Scale = None



PARTIAL BASEMENT FLOOR TEST AND BALANCE PLAN
SCALE: 1/8" =1'-0"



SEQUENCE OF OPERATION:

VARIABLE AIR VOLUME TERMINALS:

A. SPACE THERMOSTAT SHALL MODULATE DAMPER TO MAINTAIN SET POINT.
B. ON CALL FOR HEAT, RETURN DAMPER TO MINIMUM POSITION AND MODULATE HOT WATER VALVE TO MAINTAIN SETPOINT.

VAV CONTROL DIAGRAM
NOT TO SCALE

EXISTING AC-5 TAB NOTES:

- TEST AND BALANCE CONTRACTOR SHALL PERFORM PRE-SURVEY EXISTING AC-5 LOCATED IN SECOND FLOOR FAN ROOM.
- TEST AND BALANCE CONTRACTOR SHALL PERFORM DUCT STATIC AND AIR FLOW MEASUREMENTS AT THE POINTS INDICATED ON FLOOR PLAN (SEE THIS DWG., PTS 1-5).
- A REPORT SHALL BE GENERATED AND SUBMITTED TO ENGINEER FOR REVIEW.
- UPON THE DISCONNECTION OF THE HOT AND COLD DUCT SERVING THE OCULAR MOTILITY DEPT, THE TEST AND BALANCE CONTRACTOR SHALL REBALANCE THE EXISTING AC-5 TO THE NEW CORRECTED AIRFLOW AS DIRECTED BY THE ENGINEER. TAB CONTRACTOR SHALL RE-SHEAVE AND RE-BELT AS REQUIRED.
- AIRFLOW MEASUREMENT POINTS #3, 4, AND 5 SHALL BE RECORDED FOR REBALANCING PURPOSES UPON INSTALLATION OF NEW RETURN AIR DUCTWORK.

AHU-E-0-2 TAB NOTES:

- TEST AND BALANCE CONTRACTOR SHALL PERFORM FULL SURVEY OF AHU-E-0-2 FOLLOWING SUBSTANTIAL COMPLETION OF CONSTRUCTION. AIR HANDLING UNIT SHALL BE ADJUSTED TO ACCOMODATE NEW AIR FLOWS AND WATER FLOWS.
- A REPORT SHALL BE SUBMITTED TO ENGINEER FOLLOWING COMPLETION OF SURVEY.

FULLY SPRINKLERED

Revisions:	Date
Bid Issue	05-16-08

CONSULTANTS:

FREDRICK, FREDRICK & HELLER ENGINEERS, INC.
672 EAST ROYALTON ROAD
BROADVIEW HTS., OHIO 44147
TEL. (440) 546-9696
FAX: (440) 546-9699

STATE OF OHIO — BRIAN M. WIDOWSKI E-66625 — REGISTERED PROFESSIONAL ENGINEER
07073

ARCHITECT:

Perspectus architecture
13212 Shaker Square Suite 204 Cleveland, Ohio 44120
P. 216.752.1800 F.216.752.3833

DESIGN AND CONSTRUCTION DOCUMENTS AS INSTRUMENTS OF SERVICE ARE GIVEN IN CONFIDENCE AND REMAIN THE PROPERTY OF PERSPECTUS ARCHITECTURE. THE USE OF THIS DESIGN AND THESE CONSTRUCTION DOCUMENTS FOR PURPOSES OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT THE EXPRESSED WRITTEN CONSENT OF PERSPECTUS ARCHITECTURE.

Drawing Title: **PARTIAL BASEMENT FLOOR TEST AND BALANCE AND TEMPERATURE CONTROL PLAN**

Approved: Project Director

Project Title: **PROSTHETICS RENOVATIONS**

Project Number: 541-05-1071

Building Number: 1

Location: **VAMC - WADE PARK**

Date: 03-12-08 | Checked: BMW | Drawn: LDH

Drawing Number: **1-H9**
Dwg. of

Office of Facilities Management
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978