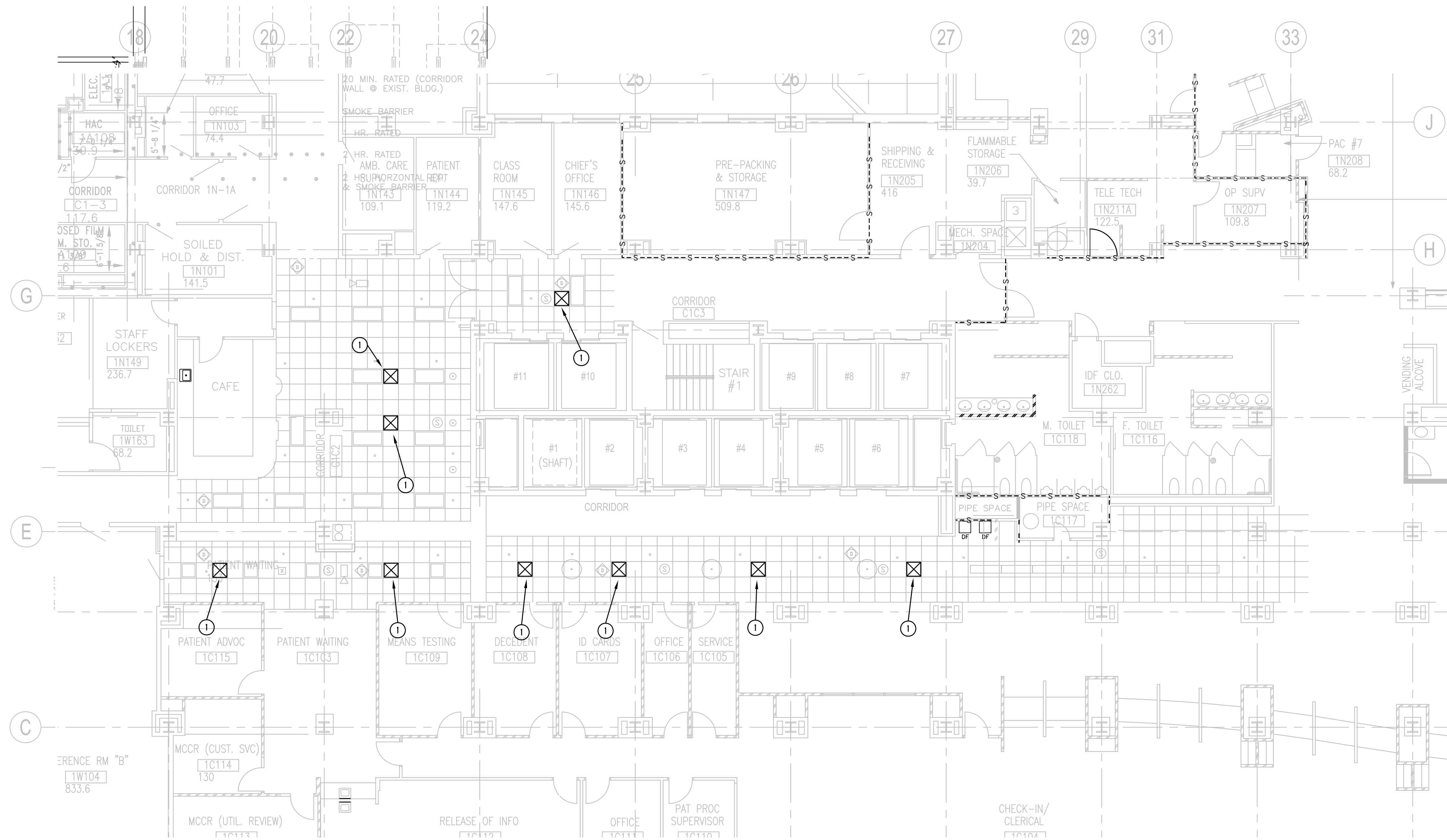


A three inches = one foot
B one and one-half inches = one foot
C one inch = one foot
D three-quarters inch = one foot
E one-half inch = one foot
F three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot



PARTIAL FIRST FLOOR HVAC

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

NUMBERED CONSTRUCTION NOTES

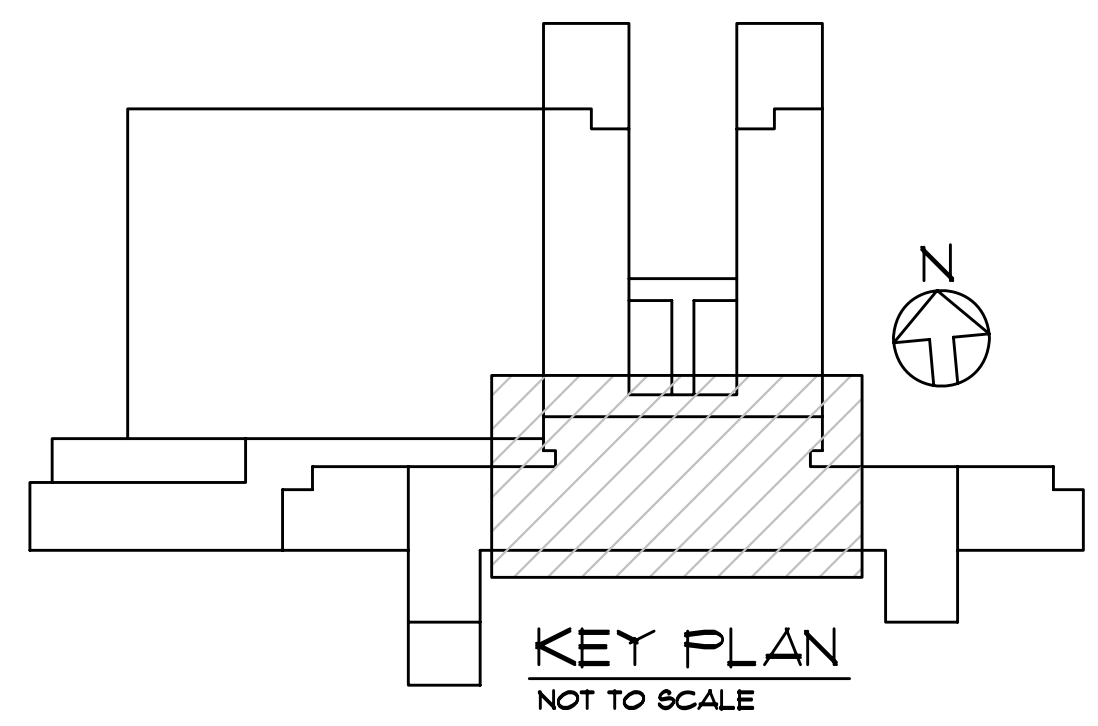
- 1 DISCONNECT AND REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED FLEXIBLE SUPPLY AIR DUCTWORK. STORE DIFFUSER DURING INSTALLATION OF PLUMBING SYSTEMS WORK. CLEAN AND RE-INSTALL EXISTING SUPPLY AIR DIFFUSER AS CEILING IS RE-INSTALLED. PROVIDE NEW FLEXIBLE SUPPLY AIR DUCTWORK, SIZE TO MATCH EXISTING REMOVED, AS REQUIRED.
- 2 DISCONNECT AND REMOVE EXISTING RETURN/EXHAUST AIR REGISTER AND ASSOCIATED FLEXIBLE RETURN/EXHAUST AIR DUCTWORK IF ANY. STORE REGISTER DURING INSTALLATION OF PLUMBING SYSTEMS WORK. CLEAN AND RE-INSTALL EXISTING RETURN/EXHAUST AIR REGISTER AS CEILING IS RE-INSTALLED. PROVIDE NEW FLEXIBLE RETURN/EXHAUST AIR DUCTWORK (IF REQUIRED), SIZE TO MATCH EXISTING REMOVED, AS REQUIRED.

PRE-CONSTRUCTION AIRFLOW TESTING

PRIOR TO PERFORMING ANY DISCONNECTIONS AND REMOVAL WORK, THE CONTRACTOR SHALL PERFORM AIRFLOW MEASUREMENTS AT ALL EXISTING SUPPLY AIR DIFFUSERS AND RETURN/EXHAUST AIR REGISTERS TO BE DISTURBED UNDER THIS PROJECT. THE RESULT OF THESE MEASUREMENTS SHALL BE RECORDED, ALONG WITH THE SUPPLY AIR DIFFUSER NECK SIZE AND THROW PATTERN, AND THE RETURN/EXHAUST AIR REGISTER NECK SIZE. ALL INFORMATION SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.

POST-CONSTRUCTION AIRFLOW TESTING

UPON COMPLETION OF ALL WORK, THE CONTRACTOR SHALL PERFORM AIRFLOW MEASUREMENTS AT ALL SUPPLY AIR DIFFUSERS AND RETURN/EXHAUST AIR REGISTERS DISTURBED UNDER THE PROJECT. THE AIRFLOWS SHALL BE ADJUSTED TO RESTORE THE VALUES READ UNDER THE PRE-CONSTRUCTION AIRFLOW TESTING. THE RESULTS OF THESE MEASUREMENTS SHALL BE RECORDED AND SUBMITTED TO THE ENGINEER FOR REVIEW.



* NO HVAC WORK ON SECOND & THIRD FLOORS ABOVE

BID SUBMISSION

Revisions	Date	CONSULTANTS: HORNBECK ENGINEERING, INC. CONSULTING ELECTRICAL ENGINEERS 1080 NORTH CANAL STREET PITTSBURGH, PA 15213 PHONE: 412/781-1500 FAX: 412/781-0593	 ALTMAN SALTMAN ARCHITECTS Architectural Services Since 1969 200 Denick Avenue Ligonier, Pennsylvania 15043 Phone: (724) 436-2518 Fax: (724) 436-0920 info@altmansaltman.com	Professional Stamp/Seal JEFFREY A. CARNEY ENGINEER 49077-E	MECHANICAL ENGINEERS: DODSON ENGINEERING, INC. 420 One Chatham Center Pittsburgh, Pa. 15219 Phone: 412-261-6515 Fax: 412-261-6527	 VA Pittsburgh Healthcare System	Drawing Title PARTIAL FIRST FLOOR HVAC	Project Title PLUMBING MAIN REPLACEMENT	Date 4/15/09	Office of Facilities Management
									Project No. VA244-P-0403	