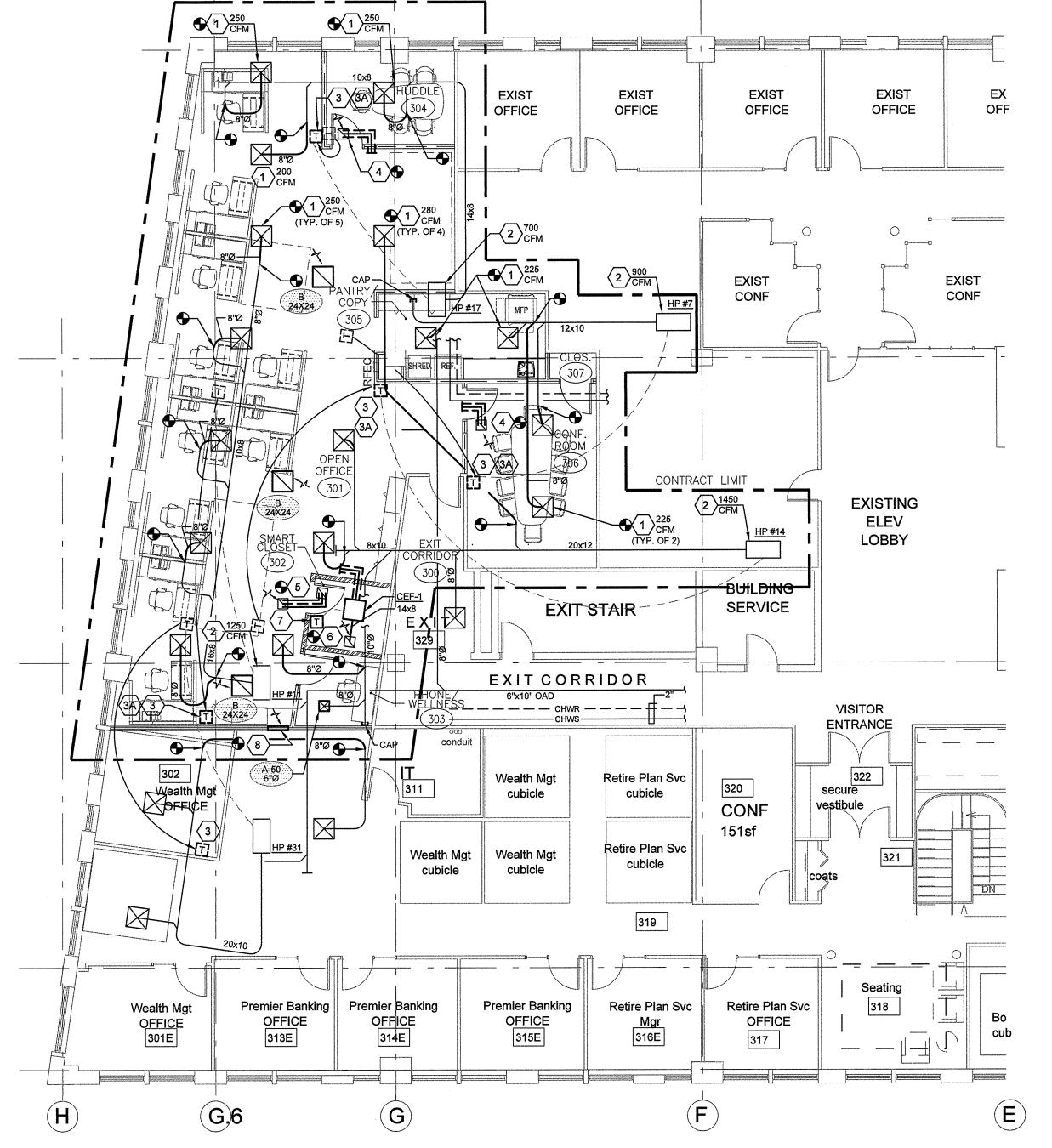


MECHANICAL THIRD FLOOR DEMOLITION PLAN SCALE: 1/8" = 1'-0"



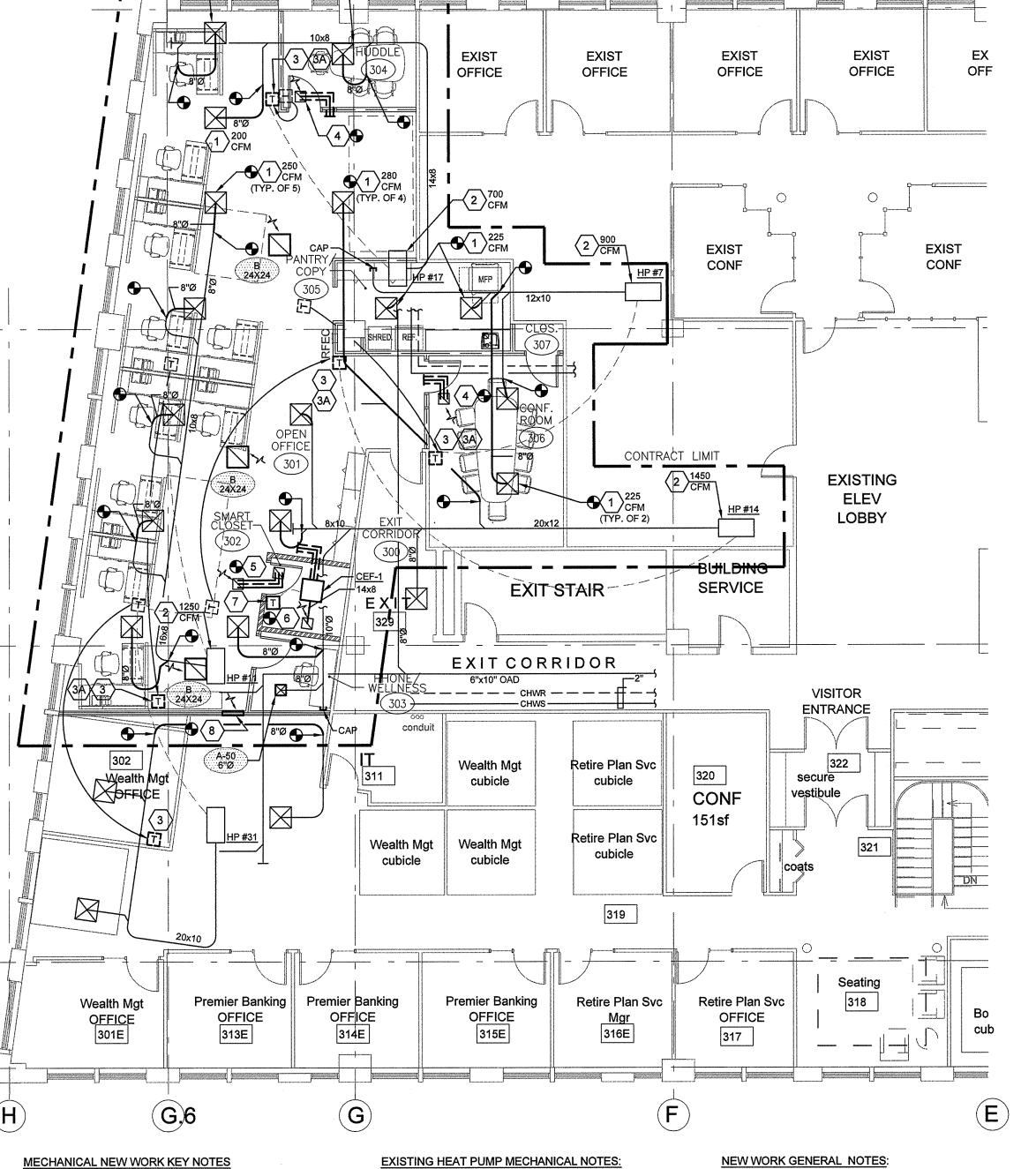
CONTRACT LIMIT

MECHANICAL NEW WORK KEY NOTES

- RELOCATED SUPPLY DIFFUSER. EXTEND/MODIFY SUPPLY DUCTWORK AS REQUIRED TO ACCOMMODATE NEW DIFFUSER LOCATION. BALANCE TO AIRFLOW NOTED ON DRAWING.
- 2 REBALANCE EXISTING HEAT PUMP TO AIRFLOW NOTED
- NEW LOCATION OF EXISTING THERMOSTAT.
 EXTEND/MODIFY CONTROL WIRING AS REQUIRED TO ACCOMMODATE NEW LOCATION.

ADD/ALTERNATE:

- PROVIDE NEW PROGRAMMABLE THERMOSTAT. THERMOSTAT SHALL BE 1 STAGE COOLING/1 STAGE HEATING WITH AUTO CHANGEOVER FROM COOLING TO HEATING. THERMOSTAT SHALL BE COMPATIBLE WITH EXISTING TRANE WATER SOURCE HEAT PUMPS. EXTEND/MODIFY CONTROL WIRING AS REQUIRED TO ACCOMMODATE NEW THERMOSTAT. THERMOSTATS SHALL BE BY HONEYWELL OR APPROVED EQUAL.
- NEW 16X8" LINED TRANSFER ELBOW. CONNECT INTO (1) EXISTING RELOCATED 12X12" RETURN GRILLE.
- NEW 16X8" LINED TRANSFER ELBOW. CONNECT INTO (2) EXISTING RELOCATED 12X12" RETURN GRILLES.
- EXISTING RELOCATED 12X12" RETURN GRILLE.
- PROVIDE REVERSE ACTING THERMOSTAT.
- PROVIDE 24X12" TRANSFER OPENING ABOVE CEILING
- MECHANICAL THIRD FLOOR NEW WORK PLAN



1. UTILIZE UNIT MOUNTED SPEED SWITCH TO

AIRFLOW CANNOT BE MET.

BALANCE AIRFLOW TO NOT LESS THEN AIRFLOW

NOTED ON DRAWINGS. DISTRIBUTE ADDITIONAL

AIRFLOW (IF ANY) EVENLY AMONGST SUPPLY DIFFUSERS SERVING OPEN AREAS IF DESIGN

2. CONTRACTOR TO INSPECT AND REPAIR/REPLACE

ENSURE ISOLATION VALVES AND UNIT

CONNECTIONS ARE NOT LEAKING. ALL

OF LEAKING SHALL BE REPLACED.

MANUFACTURER AND TYPE.

ALL CHWS&R AND CONDENSATE CONNECTIONS AT

EACH EXISTING HEAT PUMP WITHIN SCOPE AREA.

COMPONENTS FOUND LEAKING OR HAVING SIGNS

PUMP FILTERS WITH BUILDING STANDARD FILTER.

3. FOLLOWING CONSTRUCTION, REPLACE ALL HEAT

COORDINATE WITH OWNER AS TO FILTER

- PROPERLY BALANCE THE ENTIRE AIR SYSTEM.
- 2. PROVIDE SQUARE TO ROUND NECK ADAPTERS AND REDUCING ADAPTERS FOR DIFFUSERS WHERE REQUIRED.

1. PROVIDE VOLUME DAMPERS IN ALL SUPPLY, RETURN AND EXHAUST BRANCH DUCTS AS REQUIRED TO

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Consultants

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1 Owner's Review Comments/ Issue for Bid 5/26/16