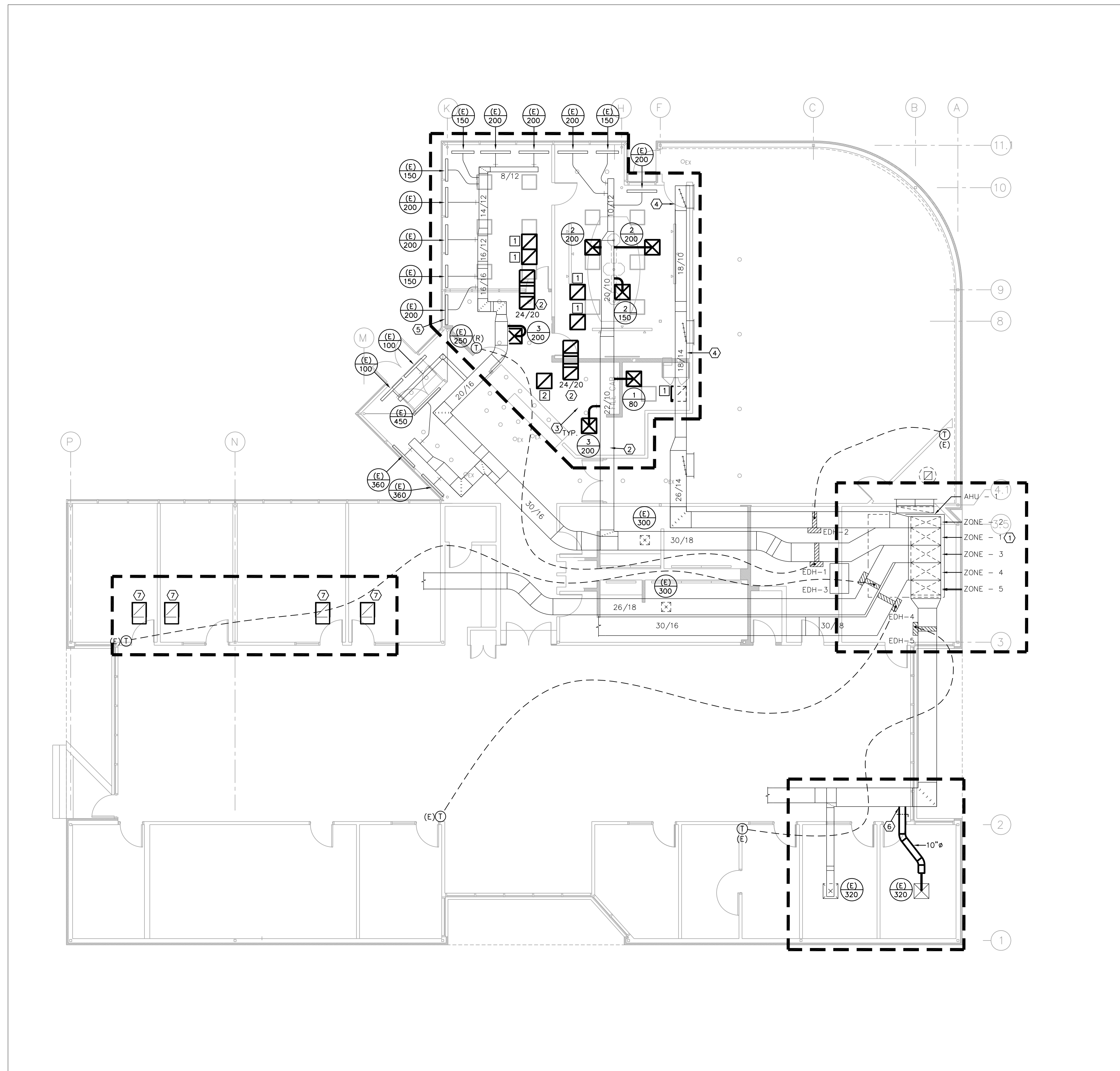


1 MECHANICAL DEMOLITION PLAN - LEVEL 1
 1/8"=1'-0"
 RE: 0 2 4 8 16'

□ AREAS OF WORK ARE OUTLINED AS SHOWN.

DEMOLITION KEYED NOTES

- ① REMOVE (E) SUPPLY AIR GRILLE AND ASSOCIATED FLEX, SPIN-IN, AND RIGID DUCT BACK TO (E) TRUNK DUCT. IF EXISTING DUCT IS TO REMAIN, CAP DUCT AIRTIGHT WITH INSULATED SHEET METAL AND SCREWS AND SEAL WITH HARDCAST. CLEAN AND REFURBISH GRILLE TO "LIKE NEW" CONDITIONS AND RE-USE GRILLE ON RENOVATION PLAN WHERE GRILLE OF SAME NECK SIZE AND TYPE IS SHOWN NEW. RE-USE SPIN-IN FITTINGS WHERE POSSIBLE.
- ② REMOVE EXISTING THERMOSTAT AND REFER TO RENOVATION PLAN FOR NEW LOCATION IF BEING RE-USED. REPAIR WALL AT ORIGINAL LOCATION AND PAINT TO MATCH EXISTING IF EXISTING WALL IS TO REMAIN OR PROVIDE BLANK-OFF COVERPLATE FOR WALLS WITH EXISTING WALLPAPER TO REMAIN.
- ③ REMOVE EXISTING RETURN AIR GRILLE. CLEAN AND REFURBISH TO "LIKE NEW" CONDITION AND RE-USE ON RENOVATION PLAN WHERE GRILLE OF SAME TYPE AND NECK SIZE IS SHOWN NEW.
- ④ REFER TO AIR BALANCE NOTES FOR ALL ASSOCIATED WORK REQUIRED IF THIS ZONE PRIOR TO THE START OF DEMOLITION.
- ⑤ REMOVE PORTION OF DUCTWORK SHOWN DASHED AND REPAIR AND INSULATE TRUNK DUCT.
- ⑥ EXISTING GRILLE TO REMAIN



2 MECHANICAL RENOVATION PLAN - LEVEL 1
 1/8"=1'-0"
 RE: 0 2 4 8 16'

□ AREAS OF WORK ARE OUTLINED AS SHOWN.

RENOVATION KEYED NOTES

- ① REFER TO AIR BALANCE NOTES FOR ALL AIR BALANCING WORK REQUIRED OF THIS ZONE.
- ② INSTALL NEW RETURN AIR SOUND BOOT IN WALL ABOVE THE CEILING AT THIS LOCATION. SIZE AS INDICATED ON THE PLAN.
- ③ FURNISH AND INSTALL VOLUME REGULATORS FOR MANUAL CONTROL AND BALANCING OF VOLUME CONTROL DAMPERS LOCATED ABOVE GYP-BOARD CEILING.
- ④ EXISTING DUCTWORK SERVES ADJACENT ROOM AND IS EXISTING TO REMAIN UNCHANGED.
- ⑤ RELOCATE/SUPPORT SLOT WHILE WINDOW FINISH IS BEING REPAIRED AND INSTALL IN ORIGINAL LOCATION.
- ⑥ CONNECT NEW DUCTWORK TO EXISTING.
- ⑦ EXISTING RETURN AIR GRILLE TO REMAIN. INSTALL NEW RETURN AIR GRILLE SOUND BOOT OVER EXISTING RETURN AIR GRILLE. REFER TO DETAIL 5/M-200 FOR ADDITIONAL INFORMATION.

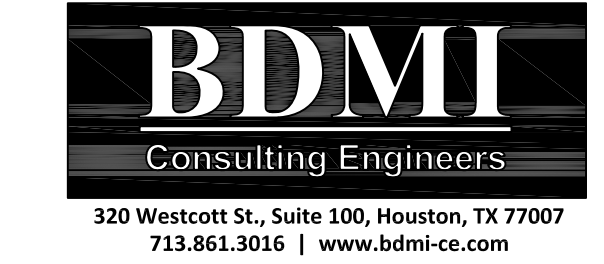
AIR BALANCING NOTE

1. PRIOR TO ANY CONSTRUCTION WORK, THE CONTRACTOR SHALL TRAVERSE AND RECORD EXISTING AIR QUANTITIES FOR ALL AREAS BOTH INSIDE THE AREA OF WORK AND OUTSIDE THE AREA OF WORK OF ALL ZONES, FANS, AND AIR UNITS AFFECTED BY RENOVATION AND RECORD THOSE AIR QUANTITIES AND CAPACITIES. ADVISE ENGINEER IF THE AIR QUANTITIES ARE LESS THAN ADEQUATE TO SUPPORT THE RENOVATION QUANTITIES. THIS WORK SHALL BE PERFORMED BY AN INDEPENDENT NEBB CERTIFIED AIR BALANCE CONTRACTOR.
2. AT COMPLETION OF WORK, AIR BALANCING CONTRACTOR SHALL BALANCE ALL ZONES, FANS, AND AIR UNITS AFFECTED BY RENOVATION TO MEET NEW CFM QUANTITY NEEDED FOR AREAS BOTH INSIDE THE AREA OF WORK AND OUTSIDE THE AREA OF WORK. AS MEASURED PRIOR TO BEGINNING CONSTRUCTION. PROVIDE NEW SHEAVES AND BELTS AS REQUIRED. THIS WORK SHALL BE PERFORMED BY AN INDEPENDENT NEBB CERTIFIED AIR BALANCE CONTRACTOR.
3. AFTER TENANT MOVE IN, THE CONTRACTOR SHALL PROVIDE A "COMFORT BALANCE" IN ADDITION TO A COMPLETE NEBB CERTIFIED AIR BALANCE REPORT PRIOR TO MOVE IN FOR THE AREA OF CONSTRUCTION. THIS WORK SHALL BE PERFORMED BY AN INDEPENDENT NEBB CERTIFIED AIR BALANCING CONTRACTOR.
4. ALL SPACES SERVED BY THE HVAC SYSTEM SHALL HAVE A RETURN AIR PATH BACK TO THE AHU OR FCU. WHERE SUCH PATHS DO NOT EXIST IN EXISTING OR NEW WALLS TO DECK, INFORM THE ENGINEER.

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ASSOCIATE ARCHITECT

STRUCTURAL ENGINEER



M.E.P. ENGINEER

CIVIL ENGINEER

LANDSCAPE ARCHITECT

FIRE PROTECTION

06.17.15 ISSUED FOR PRICING AND PERMIT

| NO. | DATE | DESCRIPTION |
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| | | |



Burns, Detalle & McCoy, Inc.
 Texas Registered Engineering Firm
 F-685

KEY PLAN

OWNER

**THE HARRIS-GALVESTON
 SUBSIDENCE DISTRICT
 OFFICE RENOVATIONS**
 1660 WEST BAY AREA BLVD. HOUSTON, TEXAS 77546

PROJECT
Mechanical Plan - Level 1

DRAWING TITLE

SCALE AS NOTED DATE 05/13/15

BSF JOB NUMBER 04815.000 14007
 SONYI JOB NUMBER 084059.00

ISSUED FOR PRICING & PERMIT

SUBMISSION

M1.00

DRAWING NUMBER