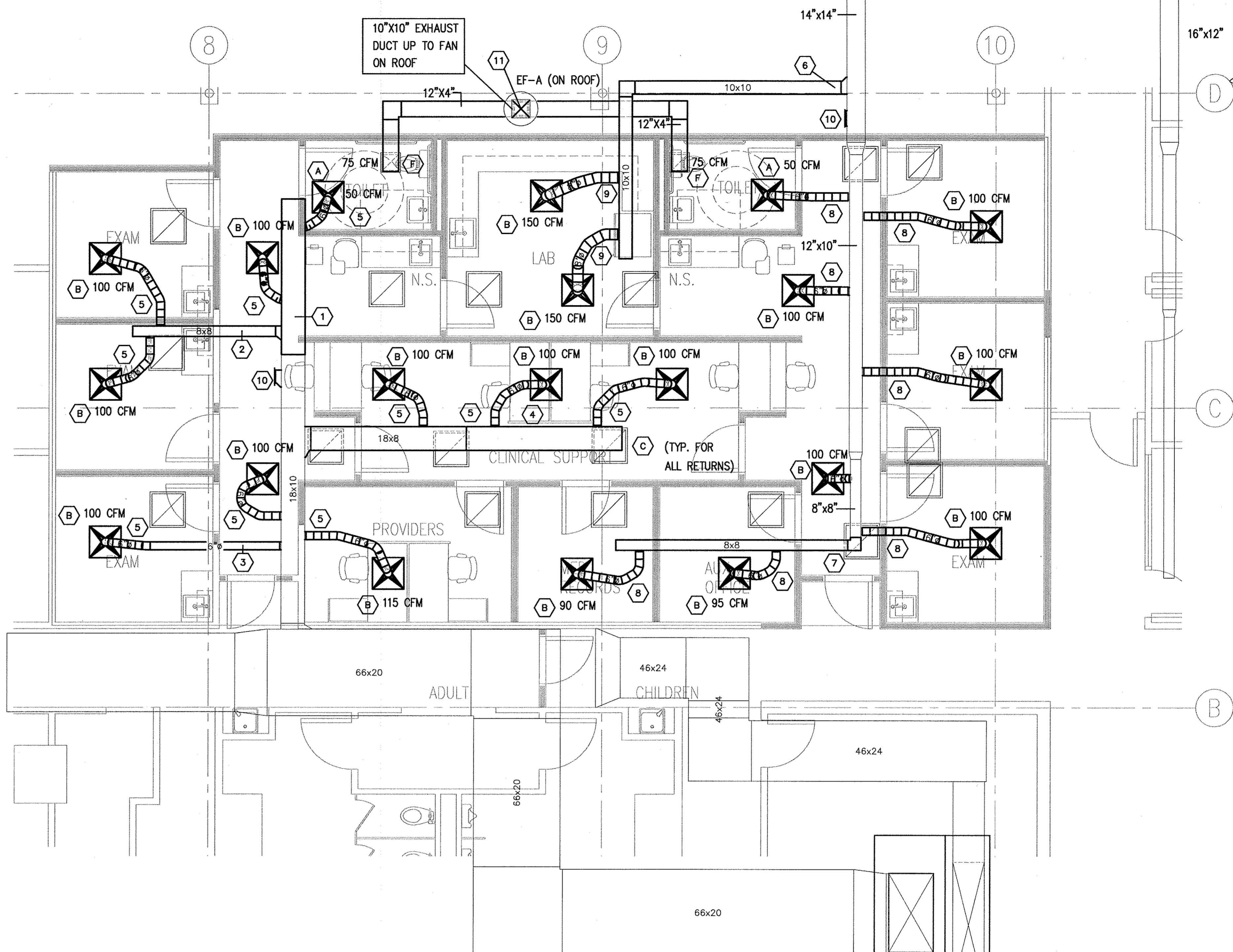


KEYED NOTES

- CONTRACTOR SHALL INSTALL A NEW 18"x10" SECTION OF SUPPLY DUCT TO THE END OF THE EXISTING SUPPLY DUCT TO SUPPLY NEW DIFFUSERS.
- CONTRACTOR SHALL INSTALL AND CONNECT A NEW 8"x8" SUPPLY BRANCH TO THE NEW SECTION OF SUPPLY DUCT TO SERVE TWO NEW DIFFUSERS.
- CONTRACTOR SHALL INSTALL AND CONNECT A NEW 6" RIGID ROUND DUCT SUPPLY BRANCH TO THE SERVE ONE NEW DIFFUSER.
- CONTRACTOR SHALL INSTALL AND CONNECT A NEW SECTION OF 18"x8" SUPPLY DUCT TO THE END OF THE EXISTING SUPPLY TO SERVE THE NEW DIFFUSERS.
- CONTRACTOR SHALL INSTALL NEW SECTIONS OF 6" FLEX DUCT TO CONNECT NEW DIFFUSERS TO THE DUCT SYSTEMS SERVED BY AHU-2. PROVIDE A NEW BALANCE DAMPER FOR EACH FLEX DUCT CONNECTION.
- CONTRACTOR SHALL INSTALL AND CONNECT A NEW SECTION OF 10"x10" SUPPLY DUCT TO THE EXISTING 14"x14" SUPPLY DUCT SERVED BY AHU-4. THE NEW DUCT SHALL SERVE 2 NEW DIFFUSERS.
- CONTRACTOR SHALL ADD A NEW SECTION OF 8"x8" SUPPLY DUCT TO THE END OF THE EXISTING SUPPLY.
- CONTRACTOR SHALL INSTALL NEW SECTIONS OF 6" FLEX DUCT TO THE NEW DIFFUSERS SERVED BY AHU-4. EACH FLEX DUCT WILL REQUIRE A NEW BALANCE DAMPER.
- CONTRACTOR SHALL INSTALL NEW 8" FLEX DUCTS TO TWO NEW DIFFUSERS SERVED BY AHU-4. ALL NEW FLEX DUCTS WILL REQUIRE A NEW BALANCE DAMPER.
- PROVIDE A PERMANENT CAP FOR OLD DUCT TAP.
- CONTRACTOR SHALL PROVIDE AND INSTALL A NEW ROOF MOUNTED EXHAUST FAN TO PROVIDE REQUIRED EXHAUST FROM TWO NEW RESTROOMS.

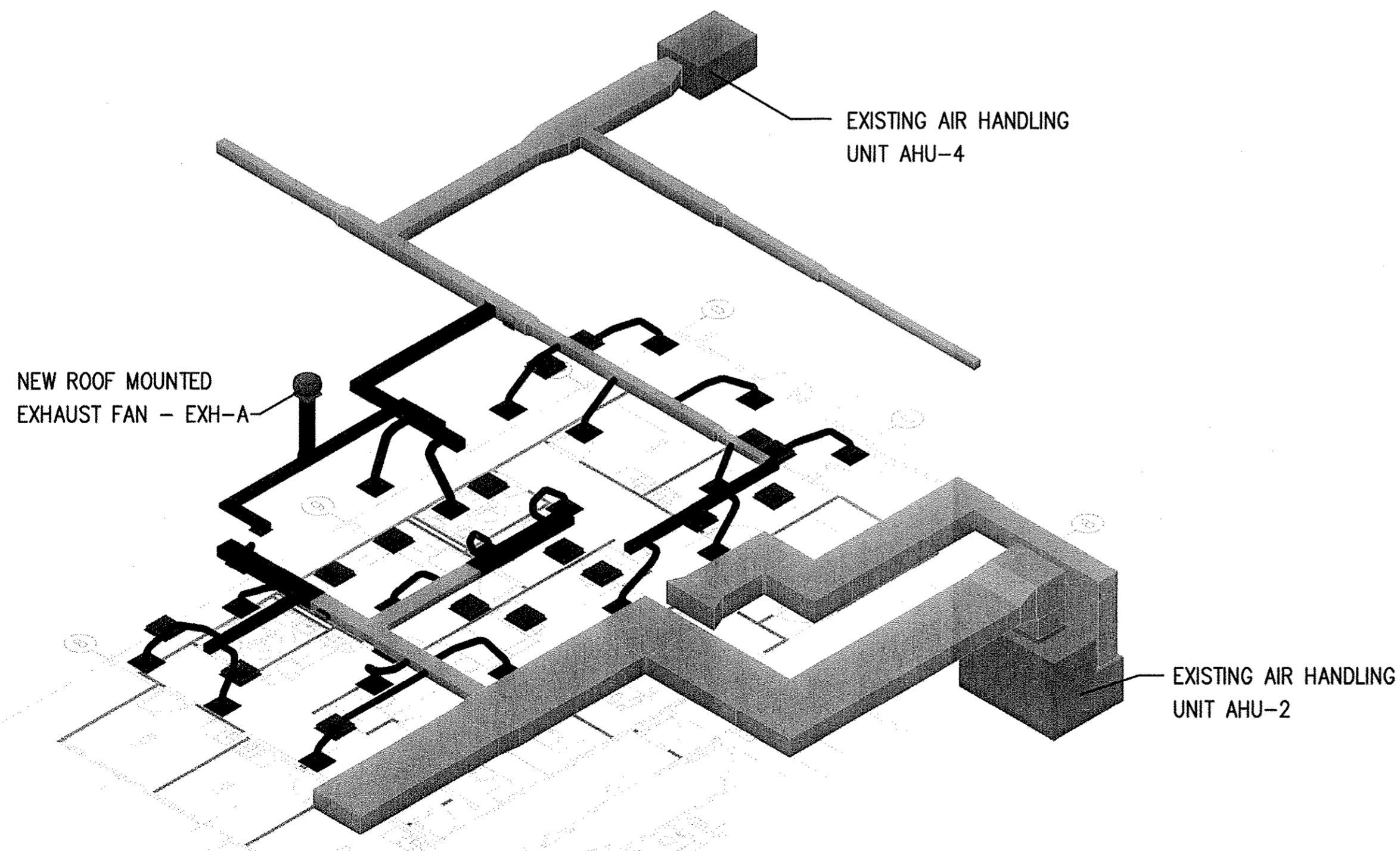
GENERAL NOTES

- THE ORIGINAL CFM VALUES THAT WERE ASSIGNED TO DUCTS AND DIFFUSERS CURRENTLY SERVING THE PROJECT AREA WILL BE REDISTRIBUTED TO THE NEW DIFFUSERS REQUIRED FOR THE REDESIGNED SPACES WITHIN THE PROJECT AREA. THE TOTAL AIR REQUIRED FROM AHU-2 IS 965 CFM AND THE TOTAL AIR FROM AHU-4 IS 1035 CFM.
- THE NEW DUCTS AND DIFFUSERS SHALL BE RE-BALANCED TO THE DESIGNATED CFM VALUES.
- EXISTING DUCT TAPS NOT REQUIRED FOR NEW DUCTWORK SHALL BE CAPPED AND SEALED.
- EXISTING AIR HANDLING UNIT AHU-2 PULLS RETURN FROM AN OPEN ENDED RETURN DUCT IN THE CEILING ABOVE THE SE CORRIDOR. THE SUPPLY AIR DELIVERED TO THE REVISED PROJECT AREA FROM THIS UNIT MUST HAVE A CLEAR PATH TO ALLOW THE RETURN AIR TO FREELY FLOW BACK TO THIS PICK-UP POINT.
- EXISTING AIR HANDLING UNIT AHU-4 PULLS IT RETURN AIR FROM THE FILTERED RETURN OPENING AT THE REAR OF THE UNIT. THE SUPPLY AIR DELIVERED TO THE REVISED PROJECT AREA FROM THIS UNIT MUST HAVE A CLEAR PATH TO ALLOW THE RETURN AIR TO FREELY FLOW BACK TO THIS PICK-UP POINT.
- EXISTING AIR HANDLING UNITS AHU-2 AND AHU-4 SHOULD BE CHECKED TO DETERMINE IF THEY HAVE THE PROPER SMOKE DETECTOR INSTALLED. IF REQUIRED, NEW DETECTORS NEED TO BE ADDED.

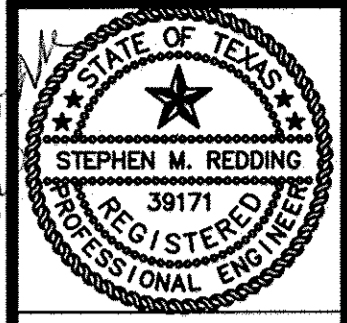


01 FLOOR PLAN - NEW MECHANICAL PLAN
1/4" = 1'-0"

EQUIPMENT NOTE:
EXISTING AIR HANDLING UNIT AHU-2 SHALL REMAIN IN SERVICE TO PROVIDE CONDITIONED AIR TO ITS CURRENT AREA OF COVERAGE.



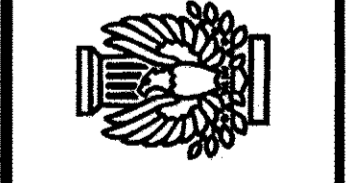
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PROJECT NUMBER
10467.00
DRAWN BY
RCR
CHECKED BY
SMR
SHEET DATE
11/15/2010
**NEW MECHANICAL
PLAN**

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