GENERAL NOTES

A. NEW EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE. COORDINATE ACTUAL LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.

B. MECHANICAL CONTRACTOR MUST EXAMINE THE CONTRACT DRAWINGS AND ALL AVAILABLE INFORMATION CONCERNING EXISTING INSTALLATION, STRUCTURE AND LOCAL CONDITIONS. VISIT THE SITE TO UNDERSTAND THE NATURE AND SCOPE OF ALL WORK TO BE PERFORMED AND VERIFY EXISTING CONDITIONS. CONTRACTOR SHALL NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS. COMMENCEMENT OF WORK WILL BE TAKEN AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND THAT ALL EXISTING CONDITIONS HAVE BEEN CONSIDERED, AND NO ADDITIONAL SERVICE FEES SHALL BE GRANTED FOR THE FAILURE TO PERFORM THIS WORK.

C. REFER TO ARCHITECTURAL DRAWINGS FOR ACCESS LOCATIONS TO ROOF.

D. PROVIDE DUCT TRANSITIONS WITH FLEXIBLE CONNECTIONS AT THE SUPPLY AND RETURN OPENINGS OF THE EQUIPMENT TO THE DUCT SIZES SHOWN ON DRAWINGS.

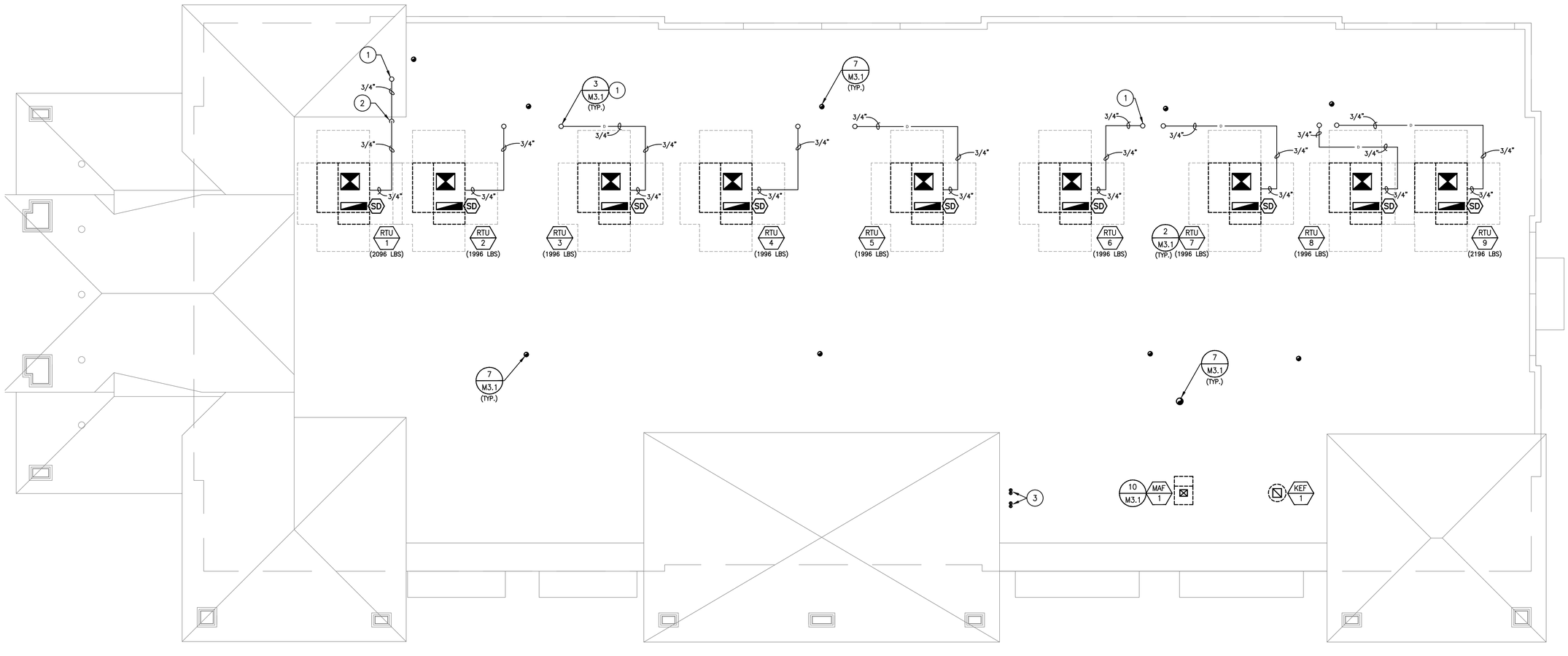
E. PROVIDE LOCKING DAMPER AS NEEDED IN OUTSIDE AIR AND/OR RETURN DUCTS FOR THE PURPOSE OF BALANCING OUTSIDE AIR TO DESIGN REQUIREMENTS.

F. CONTRACTOR SHALL MAINTAIN ALL WARRANTIES ASSOCIATED WITH THE ROOF FOR ALL ROOF PENETRATIONS. PROVIDE NEW ROOF CURBS AND PIPE PORTALS AS NECESSARY. COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL DRAWINGS.

G. MAINTAIN A MINIMUM OF 10'-0" CLEARANCE BETWEEN ALL EXHAUST/VENT OUTLETS AND ALL FRESH AIR INTAKES.

KEYED NOTES (#)

1. 3/4" CONDENSATE DRAIN DOWN THROUGH ROOF. ROUTE AS HIGH AS POSSIBLE AS SHOWN WITH MINIMUM 1/8" PER FOOT SLOPE.
2. 3/4" CONDENSATE DRAIN DOWN THROUGH ROOF (BESIDE THE PITCHED ROOF). ROUTE REMAINDER OF 3/4" CONDENSATE PIPING BELOW ROOF DECK AND OVER TO LAVATORY TAILPIECE.
3. PER MANUFACTURER REQUIREMENTS, EXTEND A 3" VENT PIPE AND A 3" COMBUSTION AIR INLET PIPE FROM THE INSTANTANEOUS WATER HEATER AND CONNECT TO A 4" CONCENTRIC VENT ON THE ROOF. REFER TO MEZZANINE PLAN ON M1.1 FOR CONTINUATION.



MECHANICAL PLAN

1/8"=1'-0"

TEXAS ENGINEER FIRM REGISTRATION #F-15201

ASEIENGINEERING 25329 Budde rd. #402, Spring, TX 77380 aseiengineering.com o 713.300.9579

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23421 FM 1093 RD.
RICHMOND, TX 77406

NO.	DESCRIPTION	DATE
1	FINAL SCHEME	02.01.19
2	REV.FINAL SCHEME	02.07.19
3	PERMIT	05.24.19

Radian
ARCHITECTURE
134 Eldridge Road Suite A
Sugar Land, Texas 77478
TEL (713) 933 0507
FAX (713) 933 1912

STATE OF TEXAS
DAVID E. McCARTHY
127184
LICENSED PROFESSIONAL ENGINEER
Date Signed: 05/24/19

Project No.	1801.74
Date	02/11/19
Drawn by	JG
Checked by	NL

Sheet No.

M1.2