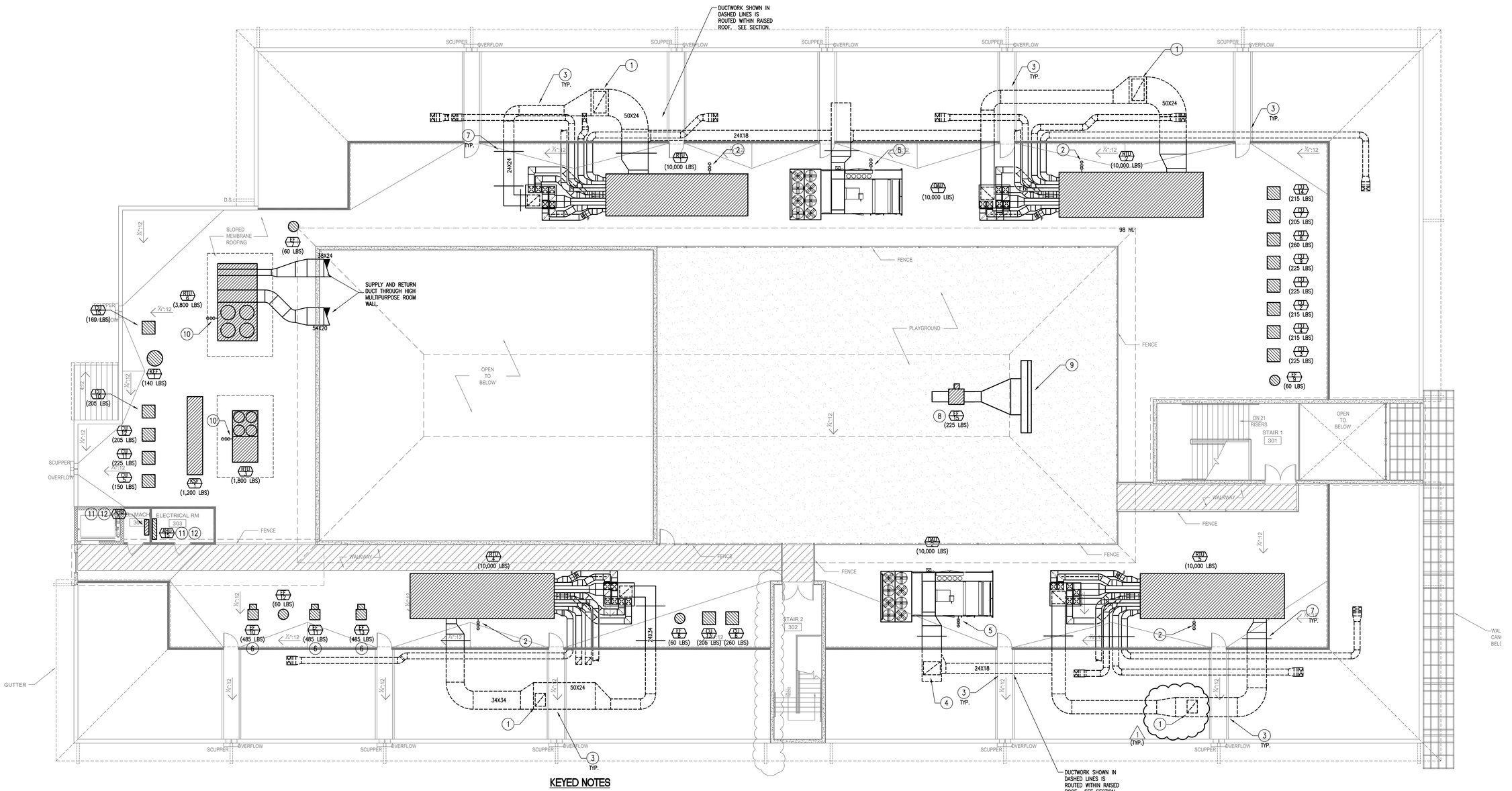

KEYED NOTES

1. ROUTE 30X24 RETURN DUCT DOWN TO ABOVE CEILING OF SECOND FLOOR BELOW.
2. ROUTE 1 1/2" CONDENSATE DRAIN LINE FROM RTU DOWN THROUGH ROOF TO ABOVE CEILING OF SECOND FLOOR. PROVIDE P-TRAP DIRECTLY ADJACENT TO UNIT AND ROUTE IN MANNER NOT TO OBSTRUCT ACCESS OF UNIT OR REMOVAL OF COMPONENTS.
3. ROUTE DUCT WORK TIGHT TO STRUCTURE HIGH AS POSSIBLE TO ALLOW MAXIMUM ACCESSIBLE HEIGHT THROUGH SCUTTLE PASS WAY. TRANSITION AS NECESSARY TO ACHIEVE OPTIMUM HEIGHT.
4. ROUTE 96X12 RETURN DUCT DOWN TO ABOVE CEILING OF SECOND FLOOR BELOW.
5. ROUTE 2" CONDENSATE DRAIN LINE DOWN FROM RTU DOWN THROUGH ROOF TO ABOVE CEILING OF SECOND FLOOR. PROVIDE P-TRAP DIRECTLY ADJACENT TO UNIT AND ROUTE IN MANNER NOT TO OBSTRUCT ACCESS OF UNIT OR REMOVAL OF COMPONENTS.
6. PROVIDE LAB TYPE EXHAUST FAN. REF. DETAIL.
7. PROVIDE ROOF MOUNTED DUCT SUPPORTS SIMILAR TO PORTABLE PIPE HANGERS, INC. MODEL # PPH-D WITH TOP UNISTRUT.
8. SUSPEND EXHAUST FAN FROM STRUCTURE ABOVE WITH UNISTRUT CHANNELS. PROVIDE SPRING ISOLATORS AND THREADED RODS MOUNTED TO CHANNELS.
9. CONNECT DUCTWORK TO DISCHARGE PLENUM AS SHOWN. PROVIDE SHEET METAL PLENUM SAME SIZE AS LOUVER AND 12" DEEP. SLOPE PLENUM TOWARD EXTERIOR FOR DRAINING PURPOSES. LOUVER TO BE X" X X" AND SIMILAR TO RUSKIN ELF837, STATIONARY TYPE BLADES, 4" FRAME, BIRD SCREEN WITH REMOVABLE FRAME, WIND LOAD OF 20 PSF. MAXIMUM FLOW RATE OF 700 FPM. COORDINATE WITH ARCHITECT FOR COLOR AND FINISH.
10. ROUTE 1" CONDENSATE DRAIN LINE DOWN FROM RTU DOWN THROUGH ROOF TO ABOVE CEILING OF SECOND FLOOR. PROVIDE P-TRAP DIRECTLY ADJACENT TO UNIT AND ROUTE IN MANNER NOT TO OBSTRUCT ACCESS OF UNIT OR REMOVAL OF COMPONENTS.
11. ROUTE 3/4" CONDENSATE DRAIN LINE DOWN IN WALL TO FLOOR BELOW REF. M2.1 FOR CONTINUATION.
12. MOUNT DUCTLESS SPLIT SYSTEM ON WALL HIGH AS POSSIBLE.

NORTH

1 ROOF PLAN - MECHANICAL

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

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PROJECT # 09044674

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NOTE: By act of submitting a bid for the proposed contract, the bidder warrants that the bidder has thoroughly investigated and that bidder has the means to thoroughly and fully and thoroughly review the drawings, specifications and other construction documents and have found them complete and free from any ambiguities and sufficient for the purpose intended. The bidder further warrants that to the best of bidder's knowledge and belief, neither supplier's knowledge all materials and products specified or indicated herein are acceptable for all applicable codes and authorities.

STATE OF TEXAS
R. ROSS ALEMAN
98427
REGISTERED
PROFESSIONAL ENGINEER
08.21.09

PROJECT MGR:

DRAWN BY:	CHKD. BY:
AYS	AYS

ISSUE DATES:

△	date	issue
	06.5.09	Permit Set
△	08.21.09	COH REVIEW 1

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ROOF PLAN - MECHANICAL & ROOF SECTION

M2.2