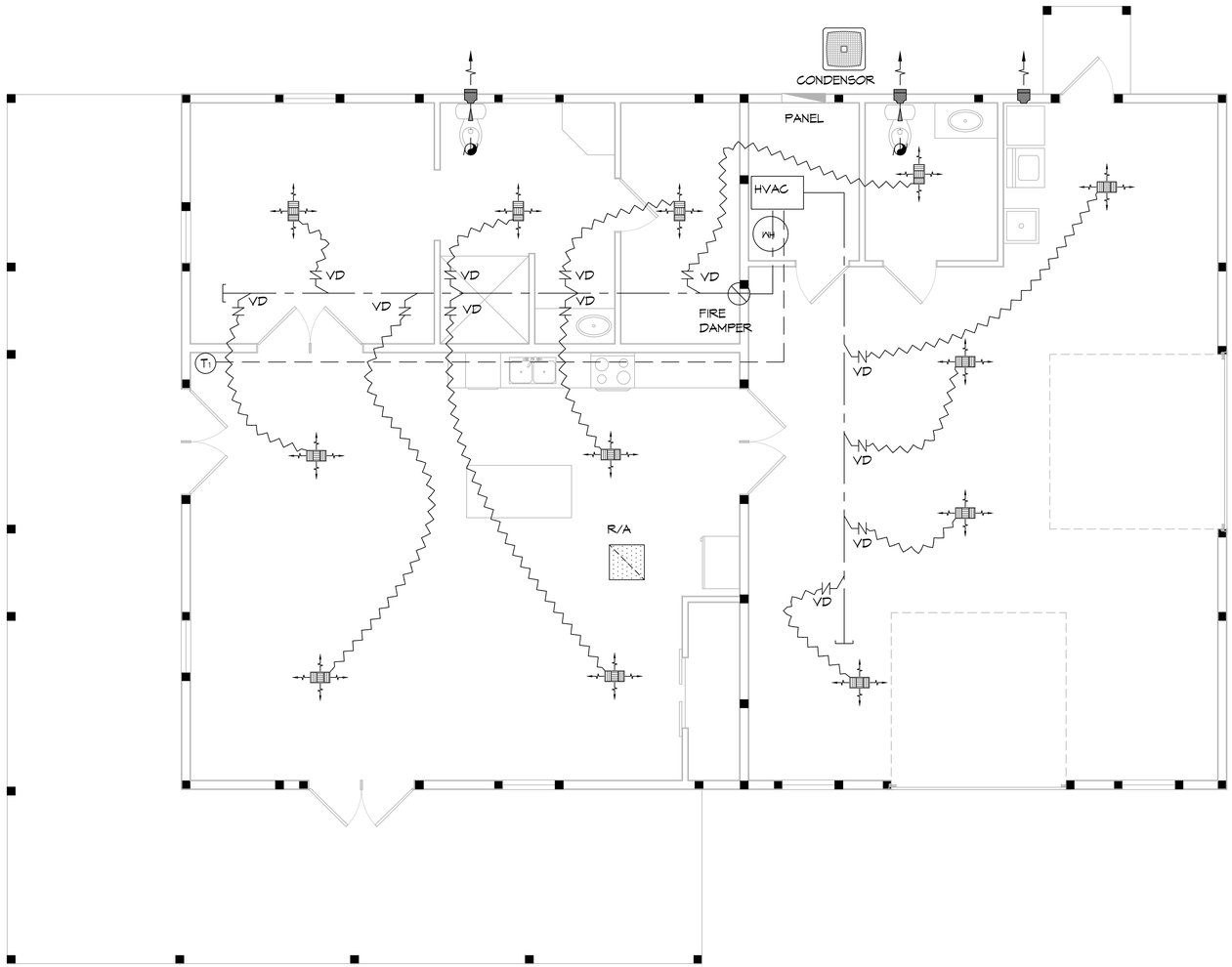

1 MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

MECHANICAL NOTES

1. MECHANICAL SUBCONTRACTOR TO INSTALL HVAC SYSTEM, ACCORDING TO NATIONAL, STATE AND CITY CODE.
2. MECHANICAL SUBCONTRACTOR TO VERIFY HVAC DESIGN LOADS.
3. OWNER TO SELECT MECHANICAL EQUIPMENT WITH CONTRACTOR.
4. DRAWINGS OF SYSTEM ARE SCHEMATIC AND SHOULD BE CONFIRMED BY SUBCONTRACTOR.
5. DUCTS AS SHOWN 26 GAUGE 6.1 INSULATE W/ 2" FIBERGLASS INSULATION. * MIN. DUCT SIZE 8" DIAMETER * MIN. DIFF. SIZE 10" DIAMETER WITH AIR VOLUME REG.
6. DAMPER CONTROLS AND VOLUME DAMPERS TO BE LOCATED AND CONFIRMED BY CONTRACTOR.
7. THERMOSTAT MIN. HONEYWELL. - WALL MOUNTED
8. MIN. CLEARANCE AT UNIT TO BE 4'-0".
9. PROVIDE 3/4" PLYWOOD, 24" MIN. WIDE CATWALK TO ALL MECHANICALS IN ATTIC. CATWALK - GREATER THAN 20' NEED 6' HEADROOM - MAX. 50' LENGTH. MAINTAIN PROPER CLEARANCE AT UNITS SERVICE AREA
10. CLEARANCE OF ALL HEAT PRODUCING APPLIANCES TO BE GREATER THAN 18" ABOVE OR 6" TO THE SIDE.
11. SEC. IR315: CARBON MONOXIDE ALARMS - REQUIRED IN THE SMOKE ALARMS
12. A/C DRAIN TO 1-1/2" P-TRAP
13. PROVIDE 30" MIN. WIDE WORKING PLATFORM TO ACCESS SIDE OF HVAC. ATTIC DECKED WORK AREA MIN. 30" X 30".
14. DRYER MUST BE VENTED TO THE EXTERIOR OF THE RESIDENCE, IN COMPLIANCE WITH THE MECHANICAL CODE. DRYER VENT, LENGTH (MAX. LENGTH 25', - 5' FOR 90 DEGREE TURN, - 2.5' FOR 45 DEGREE TURN OR PER MANUFACTURER) AND DISCHARGE LOCATION.

NOTE: DRAWN FOR DIAGRAMMATIC PURPOSE ONLY FIELD VERIFY ROUTING OF ALL DUCTWORK AND DIFFUSERS.

MECHANICAL LEGEND

- SUPPLY AIR GRILLE
- WALL LOUVER
- EXHAUST FAN
- RETURN AIR GRILLE
- VOLUME DAMPER
- FIRE DAMPER
- THERMOSTAT

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.9832
Chief Engineer: Brian Mistich, PE
5540 Highway 190 East
Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
PROFESSIONAL ENGINEER

HOUSE PLAN

GARRY AND ANGELA FEHN

39165 MOCKINGBIRD LOOP
PEARL RIVER, LA. 70452

JOB No: | DATE: 10-28-2025
DRAWN BY: LJP | CHECKED BY: CKD

THIS DOCUMENT IS THE PROPERTY OF DAMMON ENGINEERING, INC. AND MUST BE RETURNED ON REQUEST. ALL REPRODUCTIONS, COPIES OR USES OF THIS DOCUMENT IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF DAMMON ENGINEERING, INC. ARE FORBIDDEN. ONLY THE OWNER FOR WHOM THIS DOCUMENT IS PREPARED FOR IS AUTHORIZED TO USE THIS DOCUMENT FOR THE PROJECT FOR WHICH IT WAS PREPARED.

SHEET TITLE:
MECHANICAL PLAN

DRAWING NUMBER:
M101

SHEET No: 7 of 9

FILE NAME: J:_ RESIDENTIAL\Gary and Angela Fehn 39165 Mockingbird Loop Pearl River\Current Drawings\M101 - Mechanical Plan.dwg PLOT DATE & TIME: Wednesday, October 29, 2025 1:50:12 PM