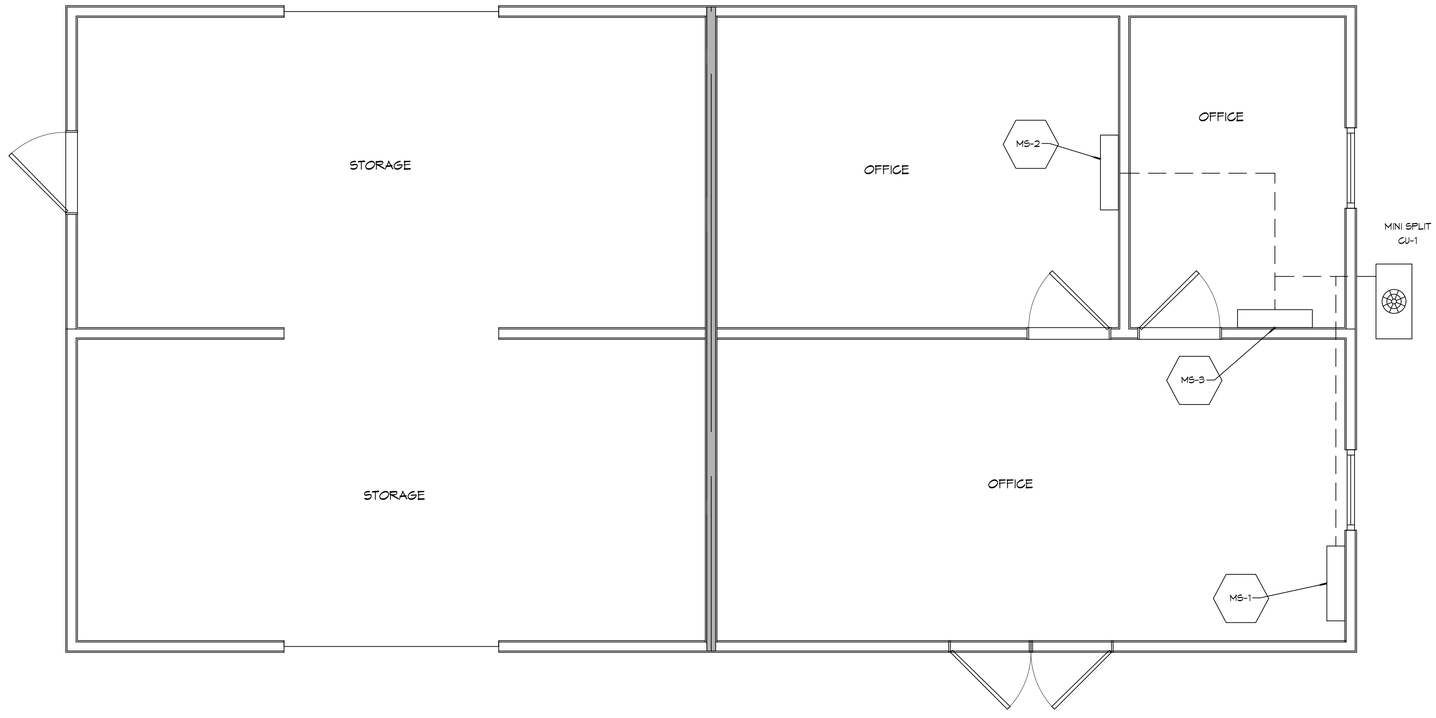
MIN-SPLIT SCHEDULE

AIR HANDLER					HEAT PUMP							
									System Power			
Tag	Make	Model	Cooling (MBH)	Heating (BTUH)	Tag	Make	Model	Cooling (MBH)	VAC	PH	MCA	Remarks
MS-1	Daikin	FTXS18LVJU	18.0	18.0	CU-1	Daikin	4MXS36RMVJU	36.0	208	1	23.9	1, 2, 3
MS-2	Daikin	FTXS09LVJU	9.0	9.0								
MS-3	Daikin	CTXS07LVJU	7.0	7.0								

NOTES:

1. Install per Manufacturer's recommendations
2. Provide new filters after commissioning and final acceptance.
3. Furnish with condensate pump removal kit and wall mounted thermostat.



13 MECHANICAL PLAN
SCALE: 3/8" = 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 PLUMBING FIXTURES 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. PLACE DAMPER CONTROLS IN ALL DUCT RUNS.
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. HVL'S, VL'S, HV'S & GAS RANGE HOODS MUST VENT OUTSIDE. BATHROOM EXHAUST VENTS TO THE OUTSIDE OR PROVIDE MINIMUM 1.5 SQUARE FEET OPENABLE AREA.
15. 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.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

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

SCHOOL BUILDING
POPE JOHN PAUL II CATHOLIC HIGH SCHOOL
1901 JAGUAR DRIVE
SLIDELL LA 70461

JOB No:
DATE: 06-25-2024
DRAWN BY: CKD
CHECKED BY: BAM

SHEET TITLE:
MECHANICAL PLAN

DRAWING NUMBER:
M101

SHEET No: 8 of 9