

FIRST FLOOR LEASING OFFICE HVAC PLAN
SCALE: 1/4" = 1'-0"

MECHANICAL SPECIFICATIONS
3 TON HEAT PUMP

EQUIPMENT SELECTIONS

INDOOR HEAT PUMP ADP BU3610

AIR FLOW 1200 CFM

ELECTRICAL SPECIFICATIONS 240V-1Ø

UNIT M.C.A. (INCLUDING HEAT) 60.0 AMPS

REV. CYCLE HEAT CAPACITY 34120 BTUH

AUX.HEAT CAPACITY 10.0 KW (41.6A)

OUTDOOR HEAT PUMP DUCANE HP10B36

ELECTRICAL SPECIFICATIONS 240V-1Ø

UNIT M.C.A. 23.9 MCA

COOLING CAPACITY 34,400 BTUH S.E.E.R. 10.0

MECHANICAL SPECIFICATIONS
4 TON HEAT PUMP

EQUIPMENT SELECTIONS

INDOOR HEAT PUMP DUCANE DBP48CA

AIR FLOW 1600 CFM

ELECTRICAL SPECIFICATIONS 240V-1Ø

UNIT M.C.A. (INCLUDING HEAT) 60.0 AMPS

REV. CYCLE HEAT CAPACITY 47,000 BTUH

AUX.HEAT CAPACITY 10.0 KW

OUTDOOR HEAT PUMP DUCANE HP10B48

ELECTRICAL SPECIFICATIONS 240V-1Ø

UNIT M.C.A. 32.2 MCA

COOLING CAPACITY 45,500 BTUH S.E.E.R. 10.0

MECHANICAL EQUIPMENT SCHEDULE

WALL MOUNTED HEATER:
NUTONE MODEL 9315T, 750W W/ADJUSTABLE CONTROL, MOUNT 6'-0" A.F.F.

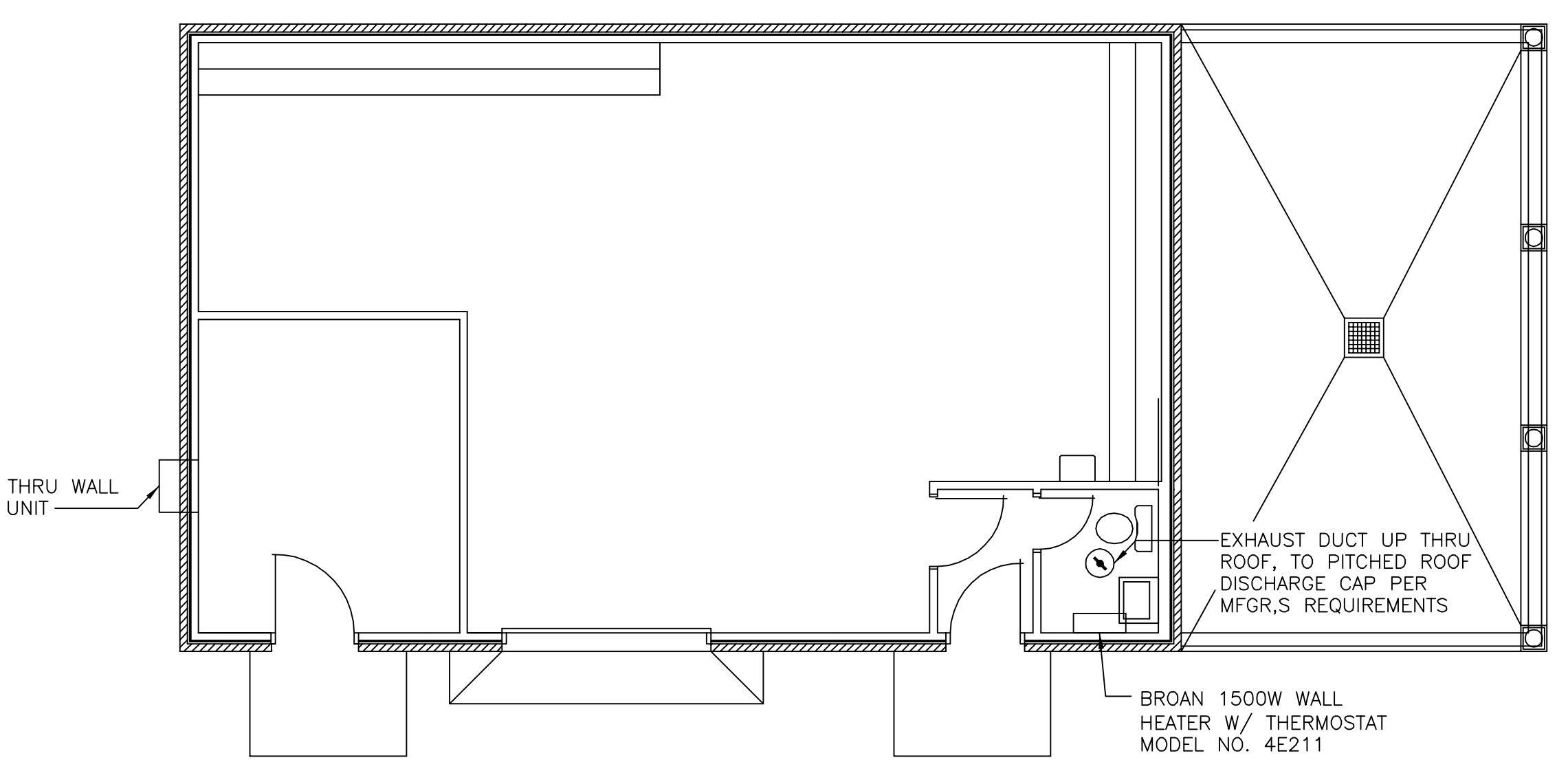
VENTILATION FAN:
NUTONE MODEL 8870 W/VS-69 COMBINATION TIMER/ON/OFF SWITCH, BACK DRAFT DAMPER & WEATHER AND INSECT PROOF CAP. FIELD VERIFY.

NOTES

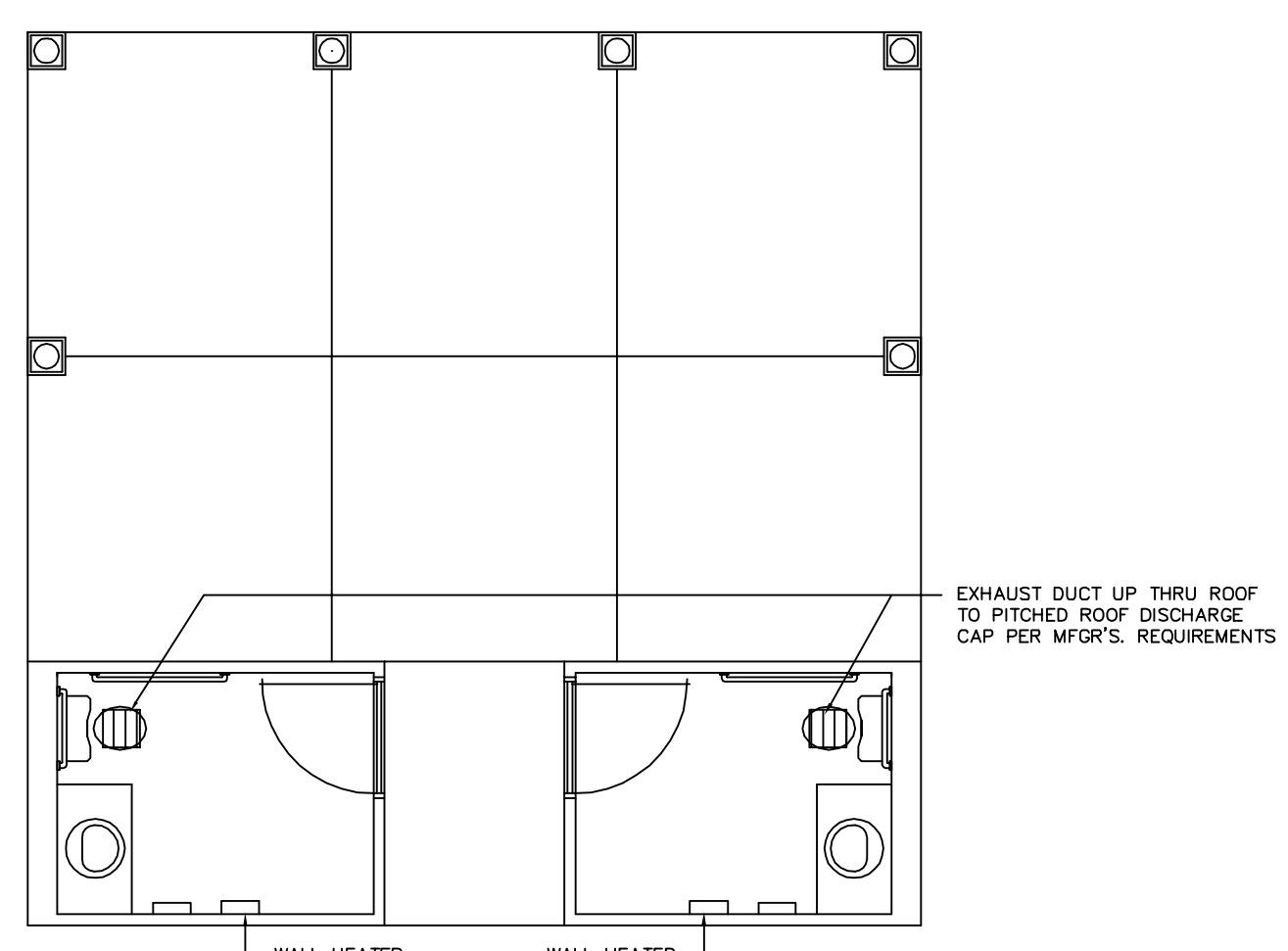
- EXHAUST FAN EQUAL TO BROAN MODEL NO. L100 100 CFM OR EQUAL. FAN SHALL BE CONTROLLED BY SWITCH ON WALL AT LIGHT SWITCH. PROVIDE BACK DRAFT DAMPER AND FIRE DAMPER.
- PROVIDE AND INSTALL WATER PROOF GRILLE IN OUTSIDE WALL FOR TOILET EXHAUST.
- DRYER DISCHARGE GRILLE PER MFG.'S REQUIREMENTS. BACK DRAFT DAMPER MUST BE WEATHER AND INSECT PROOF.
- EXHAUST DISCHARGE GRILLE PER MFG.'S REQUIREMENTS.
- ALL SIZES SHOWN FOR DUCTWORK IS CLEAR INSIDE DIMENSIONS
- ROUND FLEXIBLE DUCT TO BE UL-181, CLASS I, AIR DUCT MATERIAL.
- PROVIDE U.L. LISTED 1250°F FIRESTAT IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN FAN IN THE EVENT OF A FIRE.
- ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH FIRE DAMPERS (CONNECTED TO THE BUILDING FIRE ALARM SYSTEM) AND AIR CONTROL DAMPERS.
- ALL AIR HANDLING SYSTEMS SHALL BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLAN.
- ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT-OFF-COOL SWITCH
- LOCATION OF OUTDOOR UNITS AS PER ARCHITECTS RECOMMENDATION. MECHANICAL CONTRACTOR SHALL PROVIDE A 4" CONCRETE RIENFORCED PAD FOR EACH CONDENSING UNIT.
- REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO INSTRUCTIONS.
- THE HVAC SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH NFPA 101(1997), SECTION 7-2.

LEGEND

- SUPPLY AIR VENT
- ↘ FIRE DAMPER
- BATHROOM EXHAUST
- ⊕ THERMOSTAT



MAINTENANCE BUILDING HVAC PLAN
SCALE: 1/4" = 1'-0"



GAZEBO BUILDING HVAC PLAN
SCALE: 1/4" = 1'-0"

THE BRYAN COMPANY
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APARTMENT COMMUNITY
SHREVEPORT, LA.

ISLAND PARK
DAMMON ENGINEERING, INC.
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SCALE: AS NOTED
FILE: --
JOB No.: --
DATE: 03-29-04
SHEET
M-1
OF --