

BATHROOM EXHAUST FAN DETAIL
NOT TO SCALE

HVAC GENERAL NOTES

- HVAC SUB-CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE AND OPERATIONAL A/C SYSTEM.
- HVAC SUB-CONTRACTOR TO PROVIDE ALL REQUIRED HVAC PERMITS.
- COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES. THIS IS THE CONTRACTOR'S RESPONSIBILITY.
- FLEXIBLE DUCTS SHALL BE FULLY ANNEALED, CORRUGATED ALUMINUM WITH 1 -3/4 lb. DENSITY FIBERGLASS INSULATION AND SHALL BE U.L. LISTED. FIBERGLASS DUCTWORK
- ALL EXHAUST DUCTS SHALL BE GALVANIZED SHEET METAL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS.
- ALL AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION. TITUS, METALAIRE OR AS APPROVED BY EQUAL.
- HVAC SUB-CONTRACTOR SHALL PROVIDE ALL CONNECTORS, RELAYS AND THERMOSTATS. THE ELECTRICAL SUB-CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS AND CONTROL WIRING. THERMOSTATS SHALL BE APPROVED BY EQUIPMENT MANUFACTURER.
- ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS.
- ALL WORK OF THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID ANY INTERFERENCES THAT MAY DELAY THE PROGRESS OF CONSTRUCTION.
- COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH ELECTRICAL LIGHTS AND ARCHITECTURAL ELEMENTS.

NEW 1.5-TON MITSUBISHI HEAT PUMP

UNIT DESIGNATION	NEW AC2
AREA SERVED	ADDITION - SEE PLANS
MANUFACTURER	MITSUBISHI
DUCTED AHU MODEL #	PEAD-AA18NL***
CU MODEL #	PUZ-AK18NL***
CU BREAKER	15/15
TOTAL CAP BTUH	18,000
SENSIBLE CAP BTUH	12,600
COIL ENTERING COND	80/67
AMBIENT AIR TEMP	95°
TON	1.5
HEAT PUMP BTUH/HSPF	22,000/8.80
CONDENSING UNIT RLA	7.0
VOLTAGE FOR SYSTEM	1-60-208/230
CFM	500
FAN COIL UNIT LOCATION	ATTIC
COND UNIT LOCATION	GRADE
REFRIGERANT LINES SIZES	OUTSIDE
SUCTION (INCH)	1/2"
LIQUID (INCH)	1/4"
SEER2/EER2	20.1/11.7

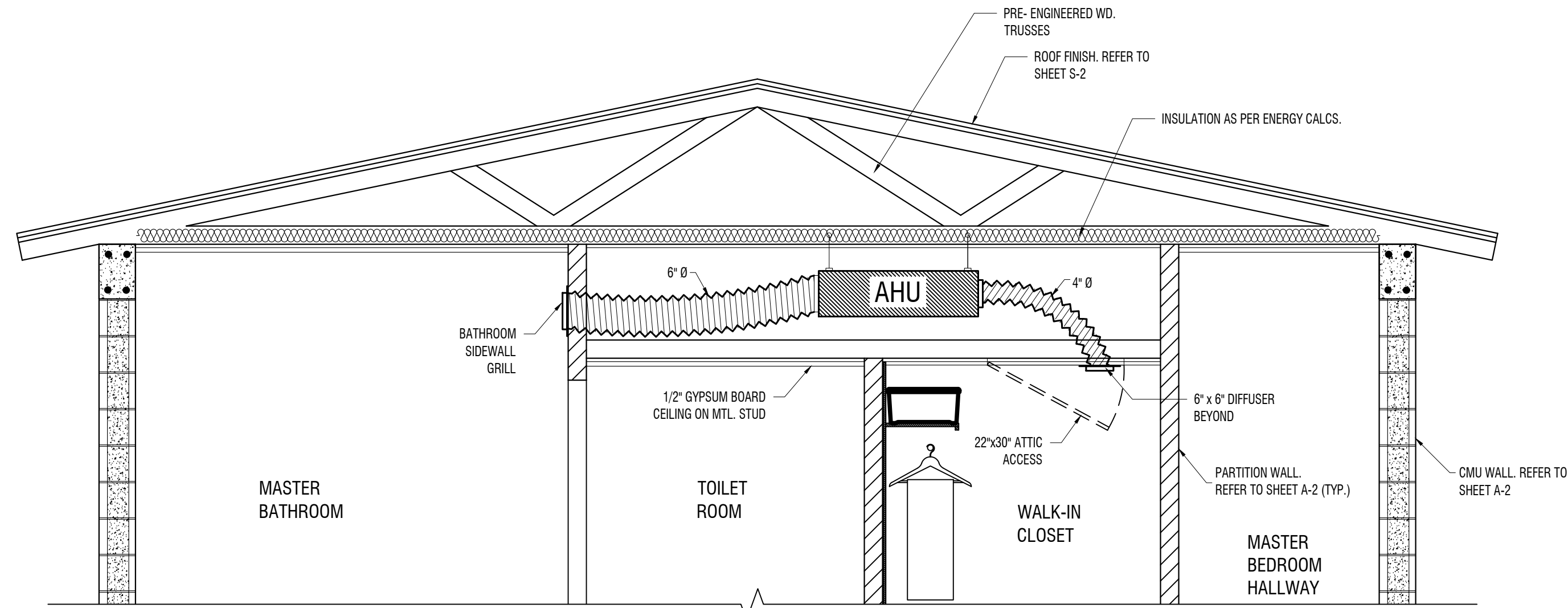
NOTE: IN CASES WHERE THIS MODEL IS DISCONTINUED AT TIME OF PURCHASE, PLEASE SUBSTITUTE FOR NEW MODEL WITH EQUIVALENT SPECS.

NEW BATHROOM EXHAUST FAN

MFGR	NUTONE
MODEL NO.	QTN130LE1
VOLTAGE	120-1
AMPS	.8
CFM	130

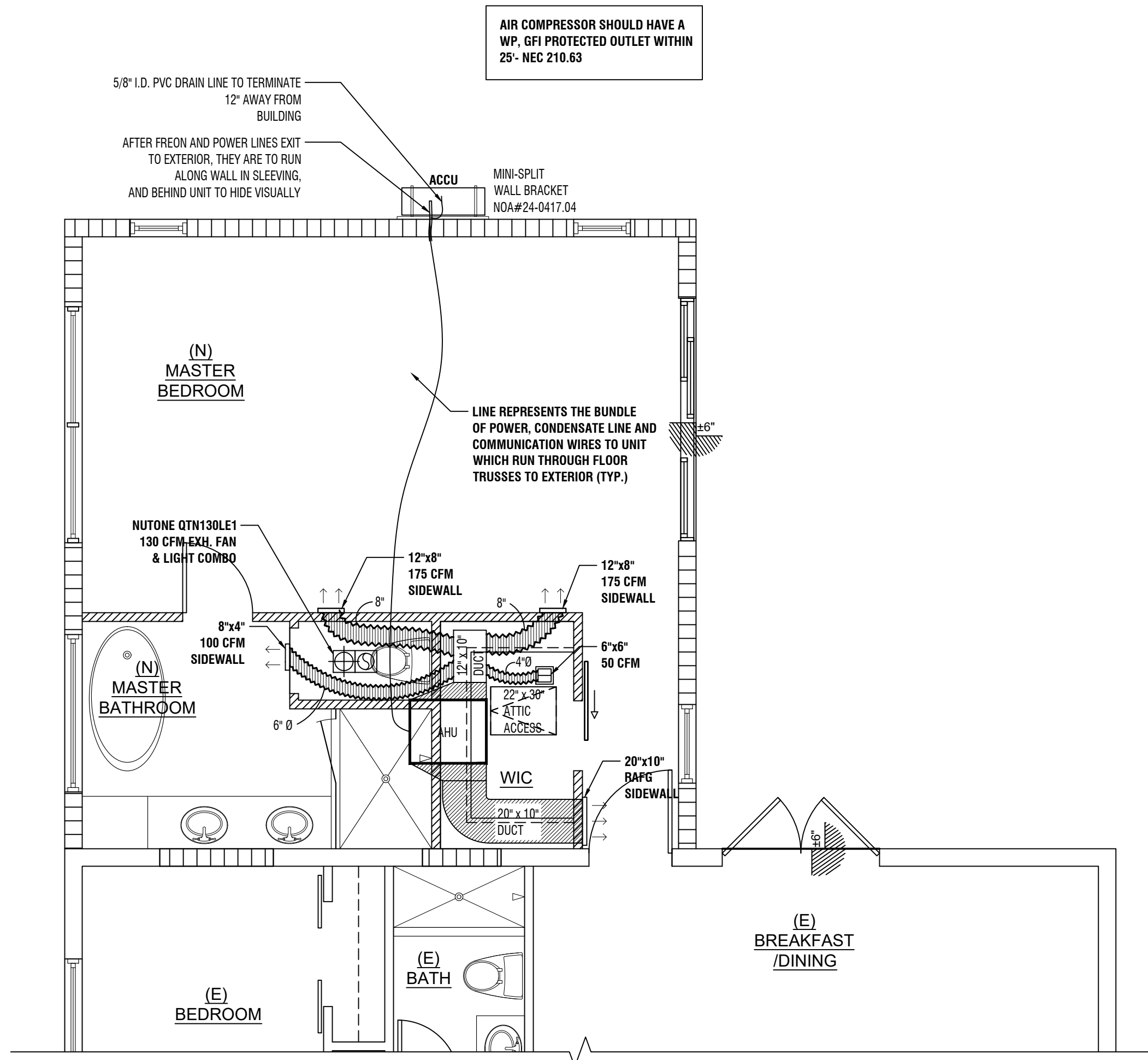
EXHAUST FAN & DUCTING NOTE:
4" METAL DUCT V.T.R. ALL BATHROOM EXHAUST FANS THRU ROOF TO HAVE BACK DRAFT DAMPER AND BUG SCREEN.

EXHAUST DUCTS SHALL TERMINATE ON THE OUTSIDE 3 FT. AWAY FROM ANY OPERABLE AND NONOPERABLE BLDG. OPENING AND SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER AND CORROSION RESISTANT SCREEN. FBC R-1506.2



AHU MOUNTING DETAIL

SCALE: 1/2" = 1'-0"



PROPOSED MECHANICAL PLAN

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

DEMETRIOS CHRISTOPOULOS
ARCHITECT

KINO-PAUL RICHARDS PROJECT MANAGER

STATE LIC #AR07264

438 SE 15TH COURT

DEERFIELD BEACH

FL 33441

954 821 6707

www.demetriosdesign.net

ADDITION TO:

YONIQUE GORDON

RESIDENCE

6620 NW 29TH STREET, SUNRISE FL 33313

ARCHITECT'S SEAL

