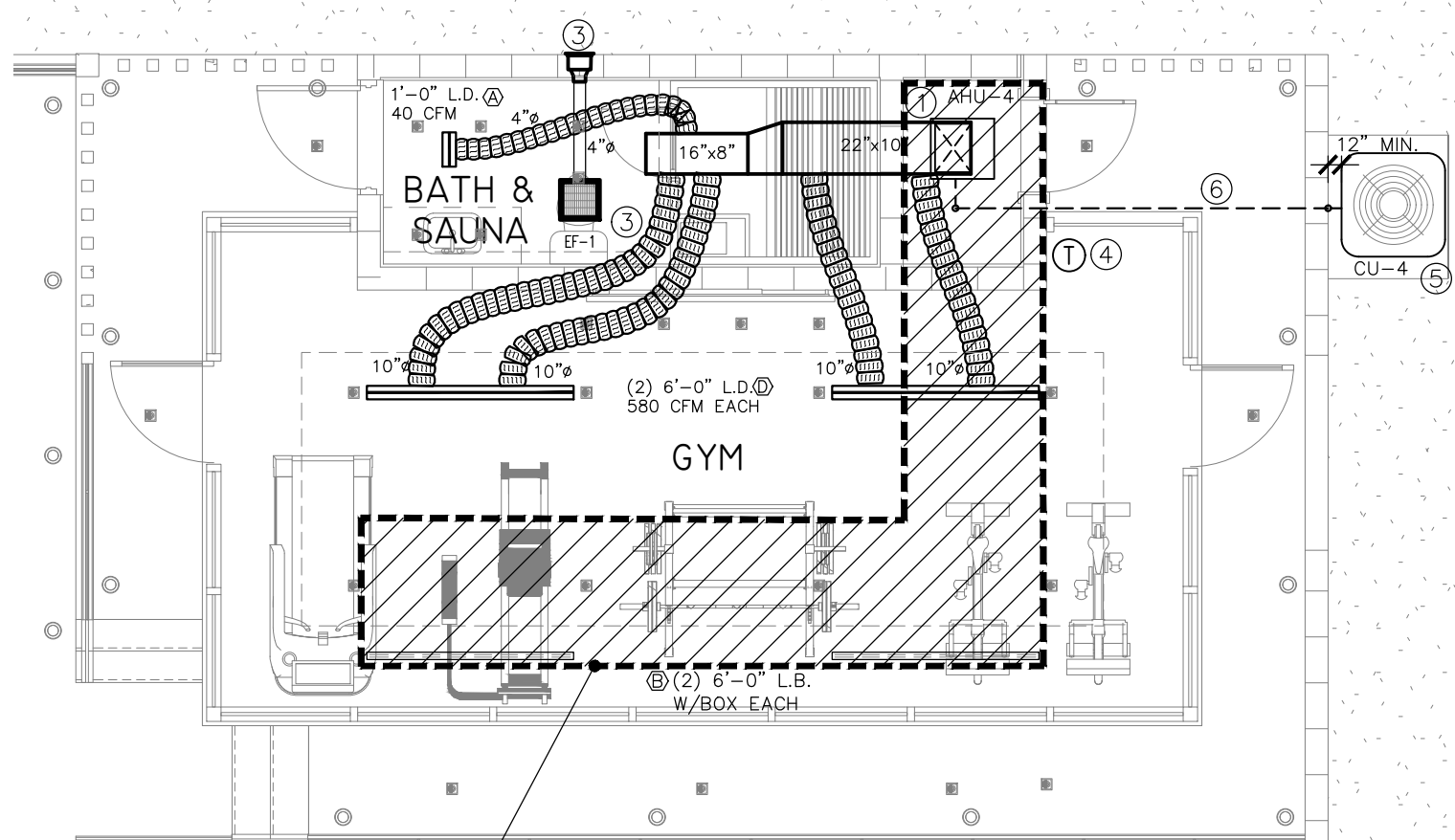
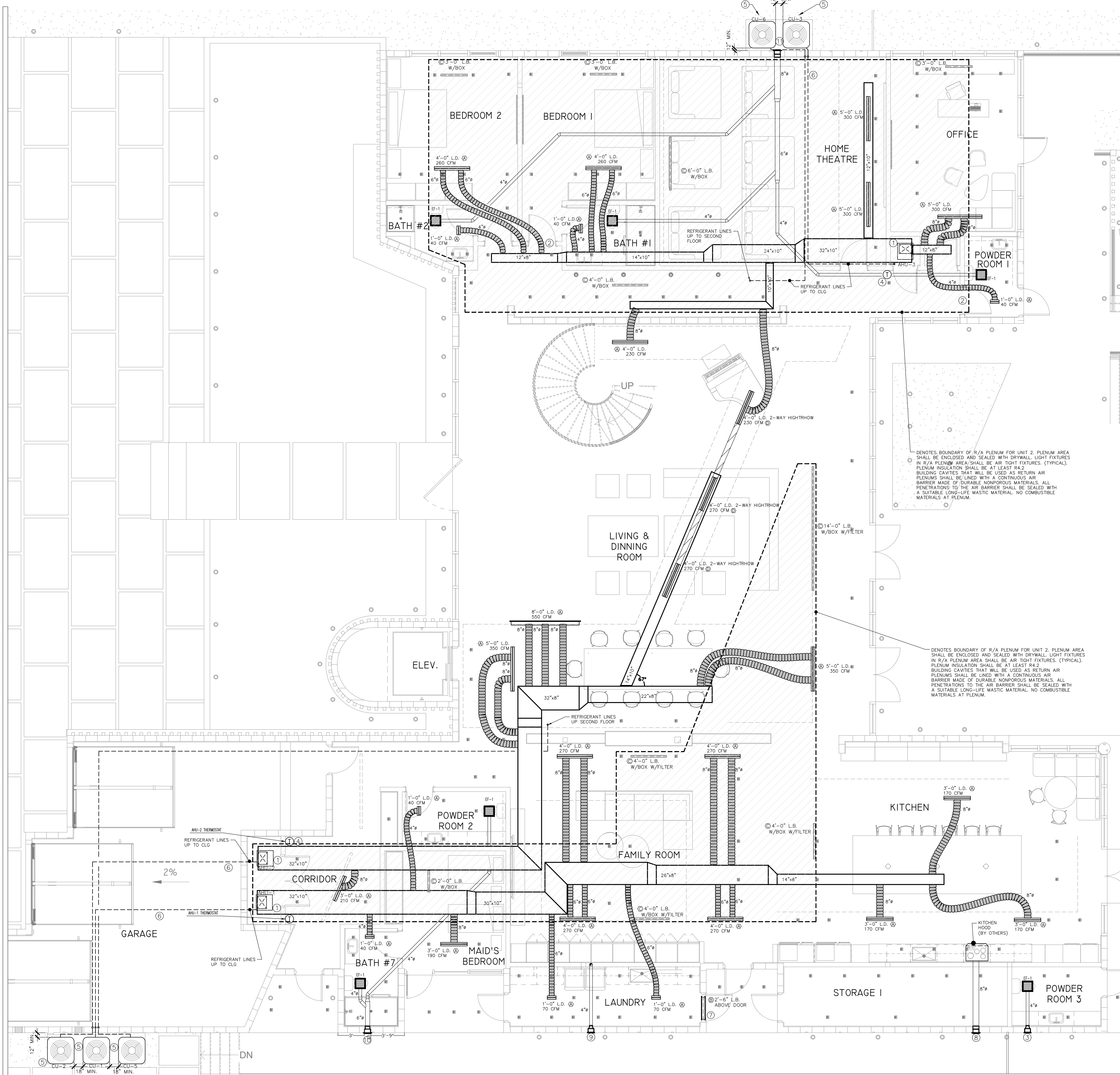




2 GYM MECHANICAL FLOOR PLAN  
3/16" = 1'-0"

- KEY NOTES — HVAC:
- 1 FULL SIZE DISCHARGE PLENUM.
  - 2 ALL INTERIOR DOORS MUST HAVE 1" UNDERCUT (TYP.)
  - 3 4" TOILET EXHAUST DUCT THRU WALL, PROVIDE CORROSIVE RESISTANT INSECT SCREEN.
  - 4 CONTRACTOR TO PROVIDE NEW 7-DAY PROGRAMABLE THERMOSTAT MOUNTED AT 48" A.F.F. FOR AHU. CONTRACTOR TO VERIFY EXACT LOCATION WITH ARCHITECT/OWNER.
  - 5 CONDENSING UNIT'S ON 4" MIN CONC. PAD ABOVE MINIMUM FLOOD ELEVATION. REFER TO CONDENSING UNIT MOUNTING DETAIL ON SHEET M-102. BOTTOM OF UNIT ABOVE MIN. FLOOD ELEVATION. CONTRACTOR TO FIELD VERIFY AND COORDINATE FINAL LOCATION WITH OWNER. CONDENSING UNIT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND REQUIREMENTS OF FLORIDA BUILDING CODE AS PER FBC-R M1401.1 AND FBC 1620.
  - 6 RUN INSULATED REFRIGERANT PIPING THROUGH SLEEVE FROM INDOOR AIR HANDLING UNITS TO OUTDOOR CONDENSING UNITS. REFRIGERANT PIPING TO BE ROUTED WITHIN CEILING SPACE. RUN REFRIGERANT INSIDE PVC OR EQUAL CONDUIT. SUPPORT EVERY 8 FEET CENTER TO CENTER. PROVIDE REFRIGERANT LINE COVER AND SEAL WATERTIGHT. REFRIGERANT SUCTION LINE SHALL BE INSULATED WITH INSULATION HAVING A THERMAL RESISTIVITY OF AT LEAST R-4 AND AN EXTERNAL PERMEANCE NOT EXCEEDING 0.05 PERM WHEN TESTED IN ACCORDANCE WITH ASTM E96. FBC-R M1411.6. REFRIGERANT CIRCUIT ACCESS PORTS LOCATED OUTDOORS SHALL BE FITTED WITH LOCKING-TYPE TAMPER-RESISTANT CAPS OR SHALL BE OTHERWISE SECURED TO PREVENT UNAUTHORIZED ACCESS. FBC-R M1411.8. (TYP)
  - 7 100 SQIN. MIN. FREE AREA TRANSFER GRILLE FOR DRYER MAKEUP USE.
  - 8 8" KITCHEN HOOD EXHAUST DUCT TO ROOF CAP WITH BACKDRAFT DAMPER. HOOD EXHAUST FAN LESS THAN 400 CFM. PROVIDE CORROSIVE RESISTANT INSECT SCREEN.
  - 9 4" DRYER EXHAUST DUCT TO WALL CAP WITH BACKDRAFT DAMPER (NOT SCREEN). OPEN AREA OF NOT LESS THAN 12.5 SQUARE INCHES.
  - 10 6" TOILET EXHAUST DUCT THRU WALL CAP, PROVIDE CORROSIVE RESISTANT INSECT SCREEN.
  - 11 8" TOILET EXHAUST DUCT THRU WALL CAP, PROVIDE CORROSIVE RESISTANT INSECT SCREEN.

1 MECHANICAL GROUND FLOOR PLAN  
3/16" = 1'-0"

EDUARDO A. BARRETO  
P.E. No. 69677  
PH: (786) 239-1808  
EMAIL: eabsservices@gmail.com

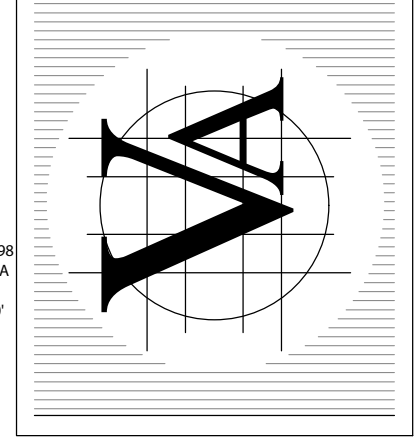
EDUARDO A. BARRETO, PROFESSIONAL ENGINEER,  
STATE OF FLORIDA, LICENSE NO. 69677  
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED  
BY EDUARDO A. BARRETO, PE, ON DAY AS APPEAR  
ON SEAL.  
PRINTED COPIES OF THIS DOCUMENT ARE NOT  
CONSIDERED SIGNED AND SEALED AND THE  
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC  
COPIES.

| REVISIONS |             |
|-----------|-------------|
| Rev.      | Description |
|           |             |
|           |             |
|           |             |

FIDANZA'S FAMILY HOUSE  
NEW CONSTRUCTION  
11041 SW 77TH AVE, PINECREST, FL 33156

Corporation Licence  
#A40003589  
Architectural Seal  
JORGEL VILLALVENCIO  
NC AR001210

VILLA & ASSOCIATES INC.  
ARCHITECTURE PLANNING INTERIOR DESIGN  
5801 SW 69 AVENUE MIAMI, FLORIDA 33155  
TEL. 305-613-0865 - E-Mail: jvillalarchitect@gmail.com  
CONSULTANT: ARCHI-TEK STUDIO CORP.  
TEL. 305-799-8016 - E-Mail: maguilar@architekstudio.com



|                        |                       |
|------------------------|-----------------------|
| DATE:<br>10-20-2022    | SCALE:<br>AS<br>SHOWN |
| PROJECT NO:<br>Unnamed | DRAWING NO:<br>M-1.0  |