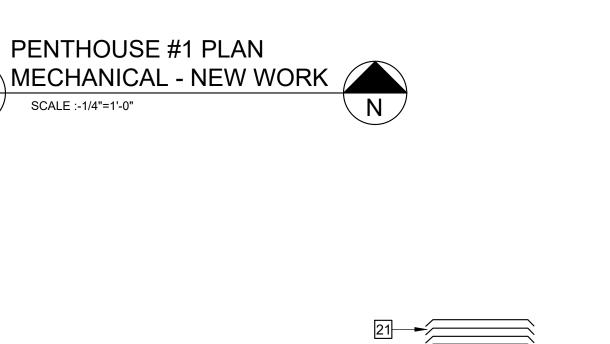
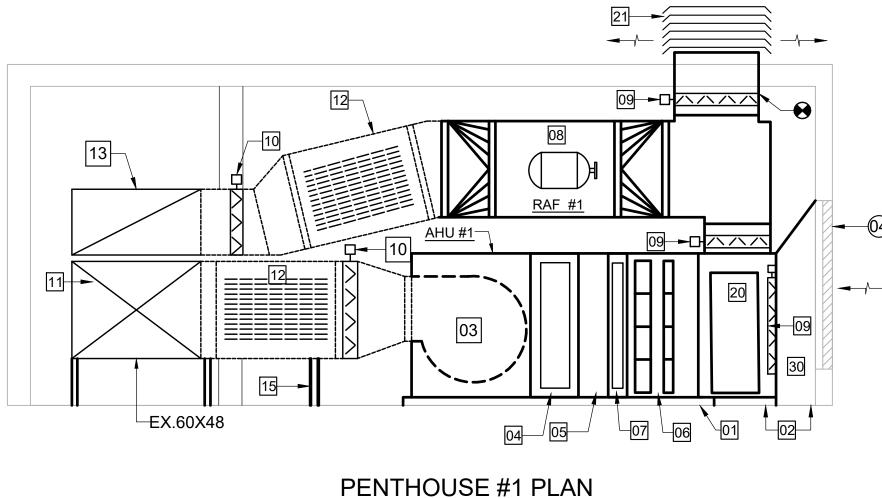


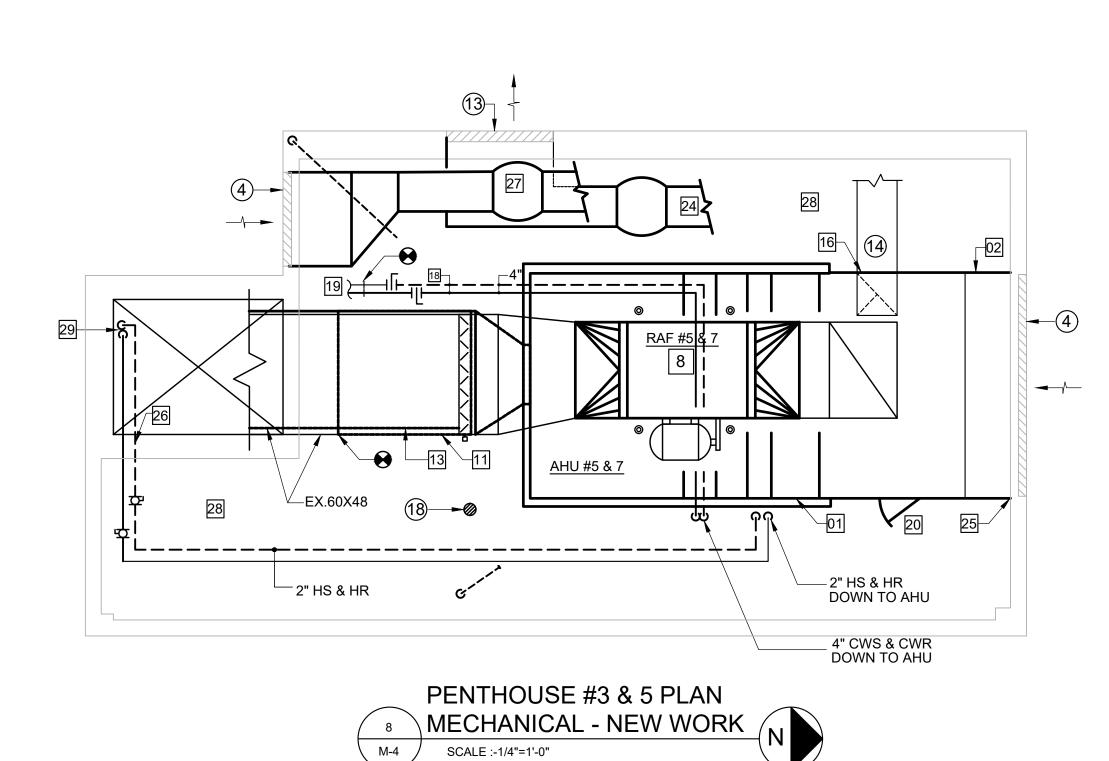
M-4

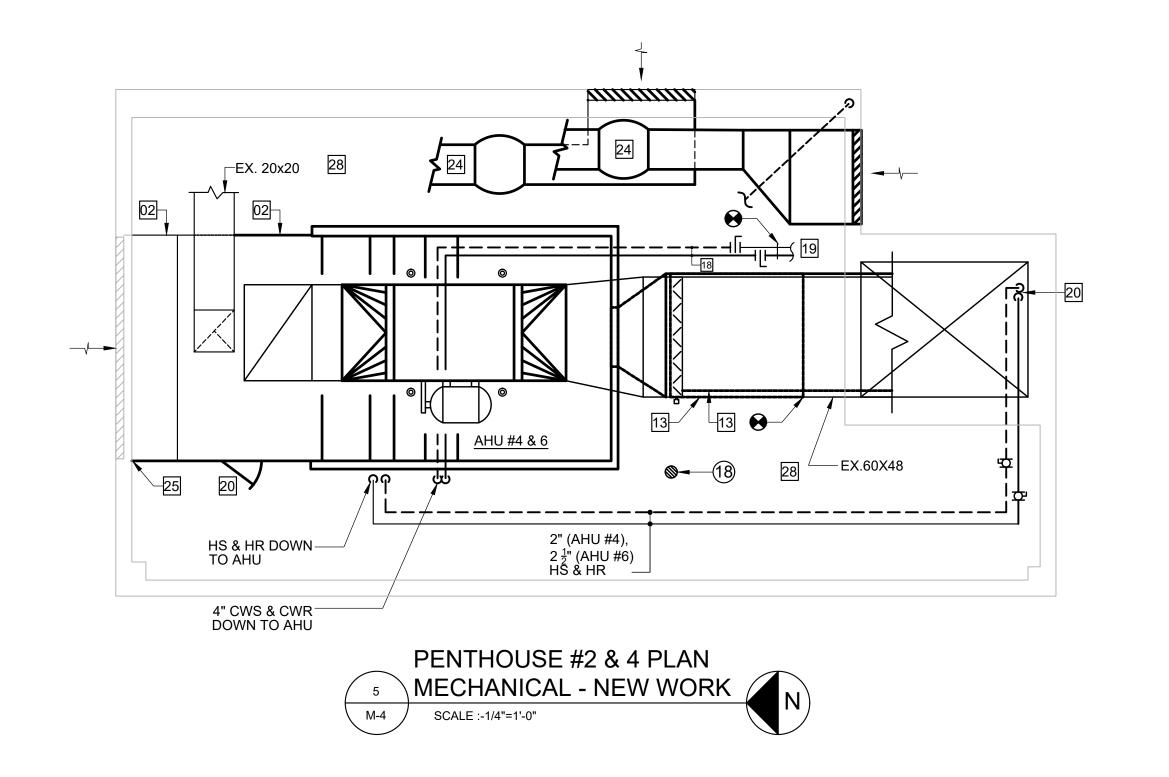


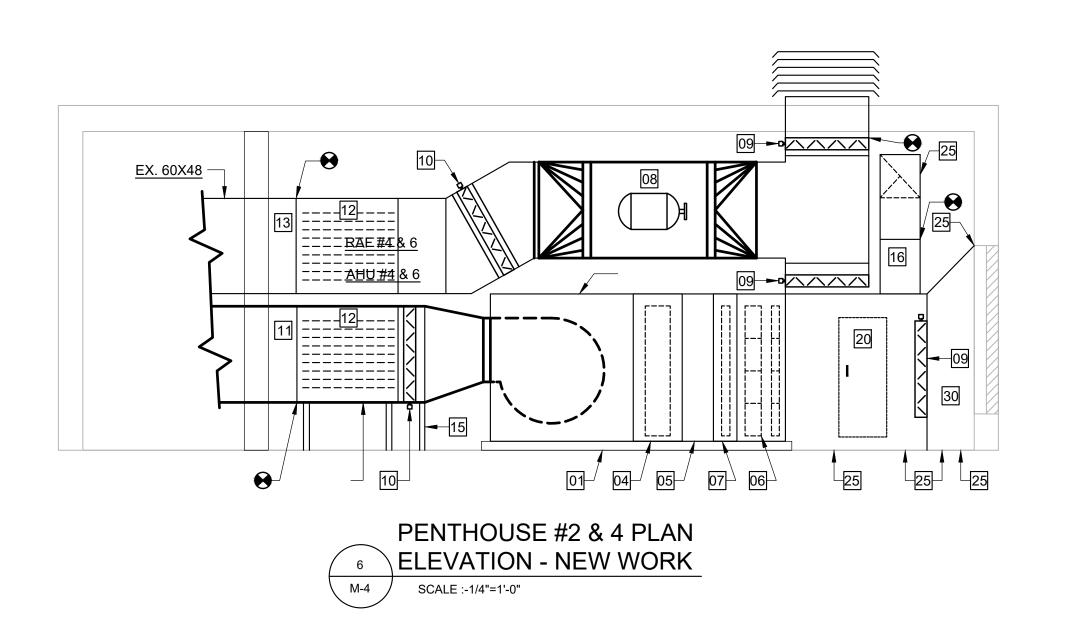


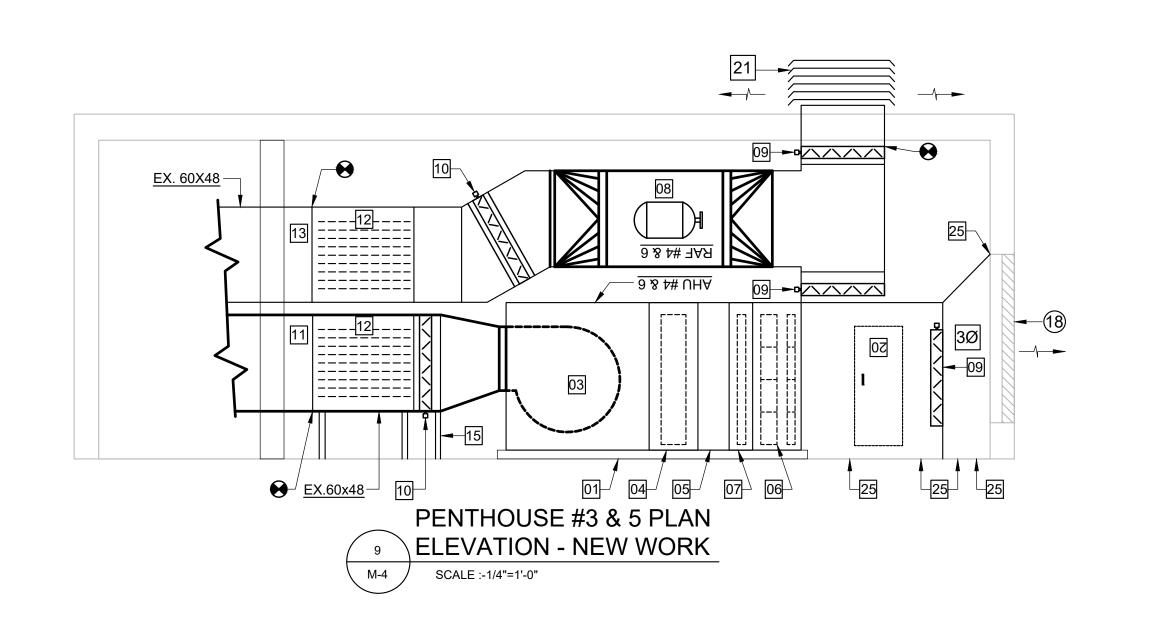
**\ ELEVATION - NEW WORK** 

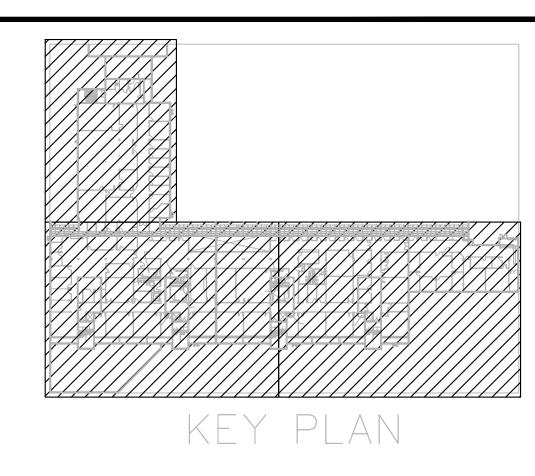
SCALE :-1/4"=1'-0"











- 01 AHU MOUNTED ON 6" CONCRETE PAD, CURB OR BEAM SUPPORT.
- 02 FILLED FABRICATED INTAKE AND MIXING SECTION.INTAKE SECTION SHALL BE FULL SIZE OF AHU INLET. CONSTRUCTION SHALL BE DOUBLE WALL.INSULTED PANELS SIMILAR TO AHU CONSTRUCTION.SECTIONS SHALL BE SEALED AND PRESSURE TESTED IN ACCORDANCE WITH SPECIFICATIONS FOR "HIGH PRESSURE DUCTWORK".
- 03 FAN SECTION.
- 04 COOLING COIL SECTION.
- 05 ACCESS SECTION (MIN.12")
- 06 FILTER SECTION (2" -30% AND 12" 85% EFFICIENT FILTERS).
- 07 HEATING COIL SECTION.
- 08 RETURN AIR FAN SUSPENDED FROM STRUCTURE WITH VIBRATION
- 09 MOTOR OPERATED DAMPER.
- 10 SMOKE DAMPER.
- 10 SMOKE DAMPER.
- 10 SMOKE DAMPER.
- 11 EXISTING SUPPLY DUCT(LOW).
- 12 RELOCATED EXISTING SOUND ATTENUATOR. 13 EXISTING RETURN DUCT(HIGH).
- 14 NOT USED.
- 15 PROVIDE ADDITIONAL DUCT SUPPORTS AS REQUIRED (TYPICAL).
- 16 CONNECT TO EXISTING VENTILATION DUCT AND EXTEND TO MIXING SECTION(TYPICAL FOR AHU # 4,5,6 & 7).
- 17 HEATING WATER PIPING.
- 18 CHILLING WATER PIPING.
- 19 EXISTING PIPING. 20 60" x 20" ACCESS DOOR.
- 21 EXISTING RELIEF HOOD.
- 22 EXISTING VENTILATION DUCT.
- 23 EX.9' W x 7' H (APPROX.) FRESH AIR INTAKE LOUVER PH NO.5 LOUVER IS 9' W x 6' H (APPROX.) DIMENTIONS OF ALL EXISTING CONDITIONS SHALL BE VERIFIED.
- 24 EXISTING EXHAUST FAN TO REMAIN.
- CONNECT INTAKE SECTION PANELS TO EXTERIOR WALL AND FLOOR. SEAL AND PRESSURE TEST IN ACCORDANCE WITH SPECIFICATIONS FOR 'HIGH PRESSURE DUCTWORK'.
- 26 HS & HR PIPING. PROVIDE PRESENTATION THRU SHAFT WALL AND REPAIR TO MUCH THE ORIGINAL CONDITION AND MAINTAIN FIRE RATING, EXTEND PIPING INTO SHAFT AND CONNECT TO HS & HR RISERS. PROVIDE FIRE STOPPING AS REQUIRED.
- 27 EXISTING VENTILATION FAN.BALANCE TO 2700 CFM.
- 28 REMOVE, PATCH AND REPAIR EXISTING CEILING AS REQUIRED TO ACCOMMODATION INSTALLATION OF NEW PIPING, DUCT WORK AND EQUIPMENT. PAINT TO MATCH UPON COMPLETION.
- 29 HS & HR DN IN SHAFT.
- PROVIDE DIFFERENTIAL PRESSURE TYPE AIR FLOW MONITOR SUITABLE FOR OUTDOOR CONDITIONS (ADD ALTERNATE NO.1).

Addition

**Mariboro Hall** 

**Renovation and** 

Prince George's 301 Largo Rd, Largo, MD

**JCJ**ARCHITECTURE

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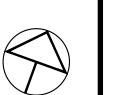
SD SET



I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 17366, EXPIRATION DATE MAY 29 2019 "

DRAWN\_MW

MECHANICAL PARTIAL PLAN & SECTION



ME-203