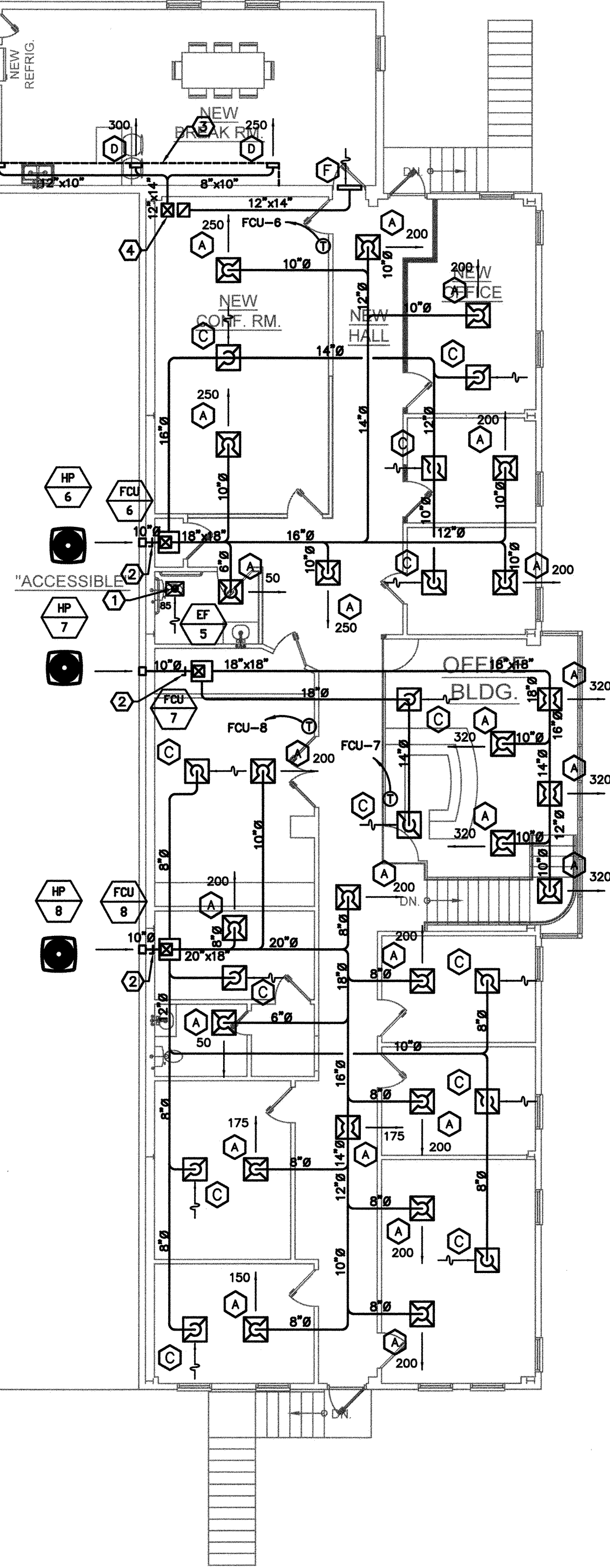


OFFICE
BLDG. AREA #1



HVAC FLOOR PLAN SECOND FLOOR
SCALE: 1/8" = 1'-0"

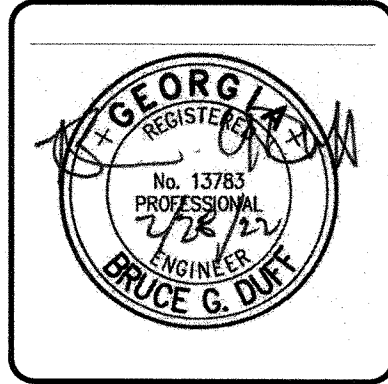
GENERAL NOTES:

- DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT SHOW ALL STRUCTURAL MEMBERS, ARCHITECTURAL ELEMENTS, LIGHTING LAYOUTS, OR ALL OFFSETS, FITTINGS, AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND ACCESSORIES REQUIRED FOR THE INSTALLATION OF A COMPLETE WORKING SYSTEM TO THE SATISFACTION OF THE OWNER.
- COORDINATE THE MECHANICAL WORK WITH THE WORK OF OTHER TRADES AND EXISTING CONDITIONS.
- COMPLY WITH ALL LOCAL CODES AND ORDINANCES.
- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK AND INFORM ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- CONNECT NEW DUCTWORK TO EXISTING HVAC UNITS IN LOCATIONS SHOWN AND IN ACCORDANCE WITH UNIT MANUFACTURER'S INSTALLATION INSTRUCTIONS. LOCATE UNIT DUCTWORK TO INSURE ADEQUATE SERVICE CLEARANCES PER MANUFACTURER'S RECOMMENDATIONS AND IN ACCORDANCE WITH CODE REQUIREMENTS.
- INSTALL NEW DUCTWORK AS SHOWN. ALL SHEET METAL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH CURRENT SMACNA DUCT CONSTRUCTION STANDARDS. DUCTWORK SHALL BE FABRICATED IN ACCORDANCE WITH REQUIREMENTS OF THE 1 IN. WG PRESSURE CLASSIFICATION.
- ALL OUTSIDE AIR DUCTWORK AND ALL DUCTWORK INSTALLED ABOVE INSULATED CEILINGS SHALL BE INSULATED WITH 2" THICK FIBERGLASS DUCTWRAP INSULATION WITH VAPOR BARRIER COATING. INSTALLATION SHALL BE COMPLETE FOR ALL DUCTWORK SYSTEMS UNLESS SPECIFICALLY EXCLUDED. INSULATION INSTALLATION SHALL BE IN ACCORDANCE WITH THE BEST PRACTICES OF THE TRADE SUCH THAT ALL VAPOR BARRIERS SHALL BE SECURE AND NO LOOSE JOINTS OR PATCHES EXIST IN THE FINISHED PRODUCT. EXPOSED DUCTWORK IN CONDITIONED AREAS ARE NOT REQUIRED TO BE INSULATED PER OVERSEEING CODES.
- NO FLEXIBLE DUCT SHALL BE UTILIZED IN RETURN AIR, OUTSIDE AIR, OR EXHAUST AIR SYSTEMS. MAXIMUM LENGTH OF FLEXIBLE DUCT IN SUPPLY AIR SYSTEM SHALL NOT EXCEED 5 FEET. NO FLEXIBLE DUCT SHALL BE UTILIZED IN AREAS WHERE THERE IS NO CEILING.
- PROVIDE SINGLE BLADE DAMPER AND SPIN-IN FITTING WITH SCOOP AT TAKE-OFFS FOR SUPPLY AIR SYSTEMS.
- AFTER COMPLETION OF NEW MECHANICAL SYSTEMS INSTALLATION, ADJUST ALL THERMOSTATS AND AIR HANDLING UNITS TO ATTAIN THE PERFORMANCE VALUES SCHEDULED. TEST, ADJUST AND BALANCE ALL AIR OUTLET DEVICES TO CFM VALUES SHOWN WITHOUT CREATING OBJECTIONABLE NOISE OR DRAFTS. PRIOR TO FINAL PROJECT CLOSE-OUT, SUBMIT FOUR COPIES OF FINAL TEST AND BALANCE REPORT TO ARCHITECT AND ENGINEER FOR RECORD.

KEY NOTES:

- 6" EXHAUST DUCT THROUGH ROOF.
- INSTALL 10" DUCT TAP ON RETURN AIR PLENUM FOR VENTILATION SUPPLY. ADJUST OUTSIDE AIR VOLUME ACCORDING TO THE RESPECTIVE SCHEDULE LOCATED ON PAGE M-1.0.
- INSTALL 12" SOFFET FOR DUCTWORK.
- SUPPLY AND RETURN DUCTWORK UP FROM FIRST FLOOR CEILING.

ISSUE / REVISIONS
0 (2/28/22) ISSUE FOR PERMIT AND CONSTRUCTION



RENOVATIONS TO
WATSON STREET WAREHOUSE
6667 WATSON STREET
UNION CITY, GA

Kent Ahrenhold
Architect
6851 ROSWELL RD. NE, NO K-22
ATLANTA, GEORGIA 30328
PHONE: 404-374-5885

DRAWN BY
JEL
CHECKED BY
BGD
DATE
28 Feb. 2022
DRAWING TITLE
HVAC FLOOR PLAN
SECOND FLOOR

SHEET NO.
M-2.1

RELEASED FOR
CONSTRUCTION