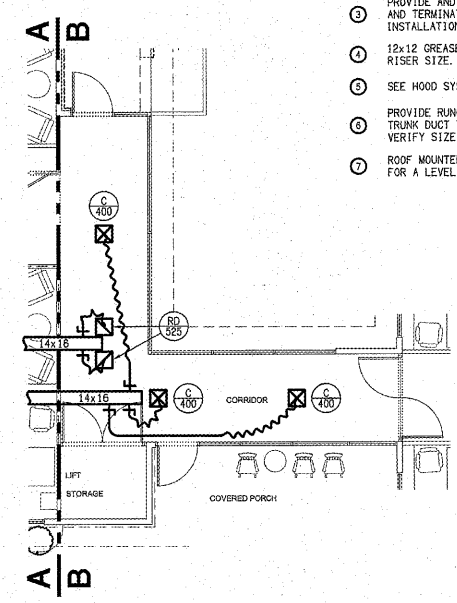


**A MECHANICAL PLAN**  
M1.0 SCALE: 3/16" = 1'-0"

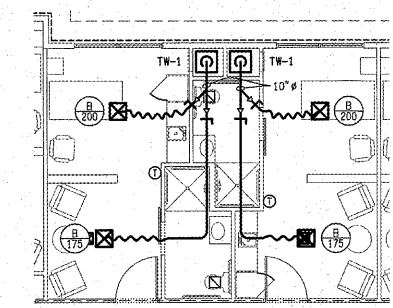
**KEY NOTES**

- 1 FRESH AIR INTAKE DUCT WITH VOLUME CONTROL DAMPER. SEE SPLIT SYSTEM UNIT SCHEDULE FOR DUCT SIZE AND CFM SETTING.
- 2 THE OXYGEN STORAGE ROOMS ARE DESIGN FOR A MAXIMUM STORAGE OF 300 CUBIC FEET PER SMOKE COMPARTMENT.
- 3 PROVIDE AND INSTALL COMBUSTION AIR INTAKE AND EXHAUST PIPE AND TERMINATIONS FOR FURNACE AS PER MANUFACTURERS INSTALLATION INSTRUCTIONS.
- 4 12x12 GREASE DUCT DOWN TO TYPE I HOOD RISER. TRANSITION TO RISER SIZE.
- 5 SEE HOOD SYSTEM REQUIREMENT NOTES.
- 6 PROVIDE RUNOUTS WITH BALANCING DAMPERS FROM MAKE-UP AIR TRUNK DUCT TO THE HOOD'S FRESH AIR MAKE-UP AIR CONNECTION. VERIFY SIZE AND QUANTITY WITH HOOD MANUFACTURER.
- 7 ROOF MOUNTED FANS. COORDINATE WITH THE GENERAL CONTRACTOR FOR A LEVEL WORKING PLATFORM AND ACCESS.

THIS ADDITION USES A UL P522 ROOF-CEILING ASSEMBLY THAT HAS THE ABILITY OF BEING RATED BUT THE ARCHITECT HAS INDICATED THAT THERE IS NO REQUIREMENT FOR THE ROOF-CEILING ASSEMBLY TO BE RATED AND SHALL NOT BE RATED. THEREFORE WE HAVE NOT CALLED FOR RADIATION DAMPERS IN THE CEILING DIFFUSERS/GRILLES EXCEPT IN THE AREAS BENEATH THE RATED ATTIC AREAS AROUND THE GAS FIRE EQUIPMENT AND SEVERAL STORAGE TYPE ROOMS THAT REQUIRE A 1 HOUR SEPARATION. SEE PLANS FOR RADIATION DAMPER AND FIRE DAMPER LOCATIONS.



**B CONNECTOR HALL MECHANICAL PLAN**  
M1.0 SCALE: 3/16" = 1'-0"



**C TYPICAL TENANT ROOM MECHANICAL PLAN**  
M1.0 SCALE: 3/16" = 1'-0"

Order Plans

NEW ERV. FIELD VERIFY FINAL THE LOCATION OF THIS UNIT WITH THE EXISTING CONDITIONS EARLY IN THE PROJECT BEFORE PURCHASING ANY MATERIALS OR CONSTRUCTING ANY DUCT. VERIFY DUCT ROUTING WITH EXISTING CONDITIONS TO AVOID CONFLICTS. MAINTAIN 10' CLEAR BETWEEN ALL FRESH AIR INTAKES AND EXHAUSTS/VENTS.

EXISTING RTU. FIELD VERIFY EXACT LOCATION OF THIS UNIT EARLY IN THE PROJECT BEFORE PURCHASING ANY MATERIALS OR CONSTRUCTING ANY DUCT. VERIFY DUCT ROUTING WITH EXISTING CONDITIONS TO AVOID CONFLICTS.

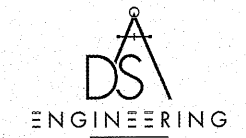
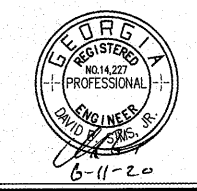
CONTRACTOR TO REMOVE EXISTING DUCTING UNUSED PART IN THE EXISTING KITCHEN AREA. PROVIDE WEATHER TIGHT INSULATED CAPS FOR THE ROOF CURBS AND WEATHER CAPS. THE ROOF TOP UNIT SERVING THE KITCHEN SHALL REMAIN AND BE REUSED BY THE CONTRACTOR SHALL PROVIDE NEW DUCT FOR THE UNIT.

PROVIDE TWO REMOTE TEMPERATURE SENSORS. UNIT SHALL OPERATE OFF OF THE AVERAGE OF THE TEMPERATURE READINGS.

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ALTERATION & ADDITION TO:  
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12825 WHITE BLUFF ROAD  
SAVANNAH, GA 31419

Project Reference Numbers  
Architect's Project No. 180017

Drawn By:

REVISIONS  
6/11/20 FLOOR PLAN CHANGES

DATES  
PHASE ISSUED  
PERMIT SET 05/22/19

MECHANICAL PLAN

SHEET NUMBER

M1.0