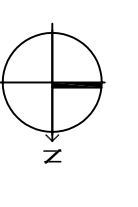
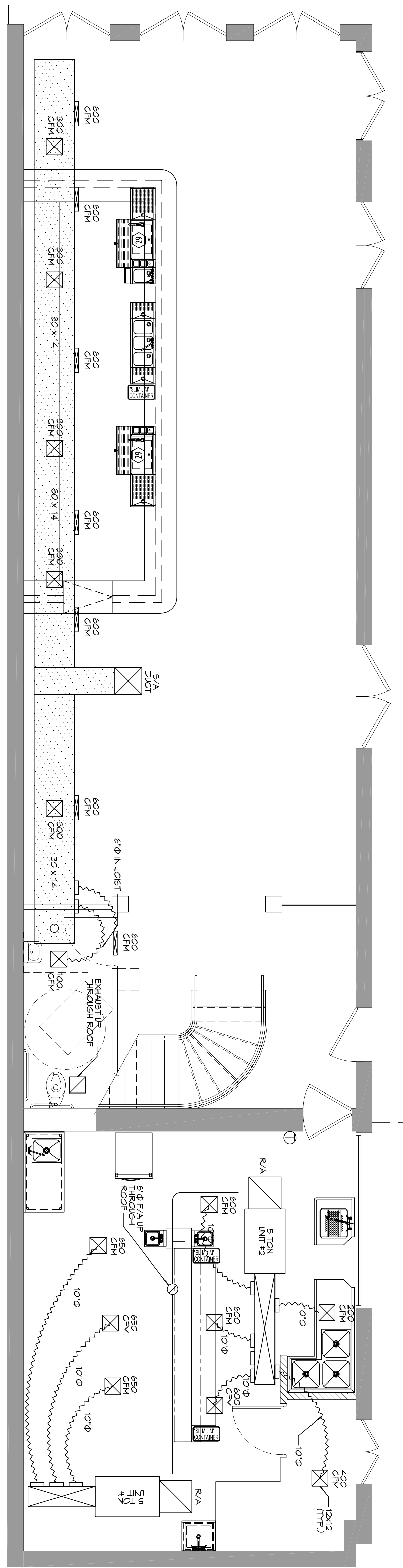
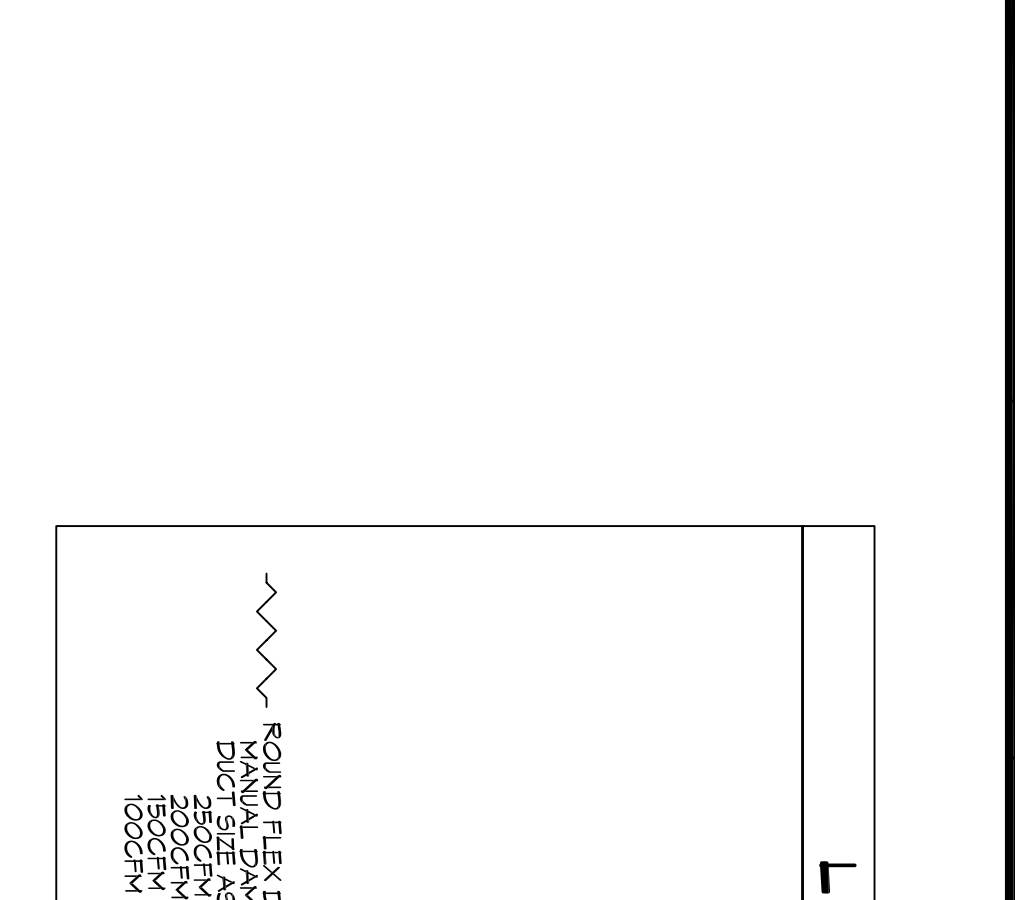
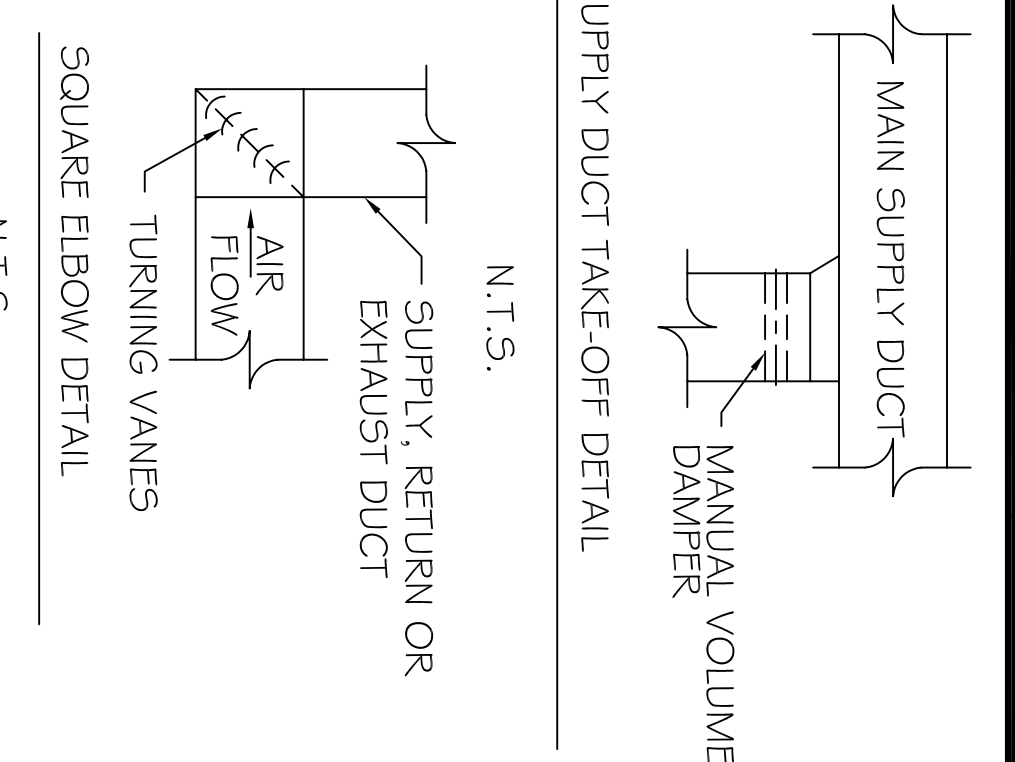
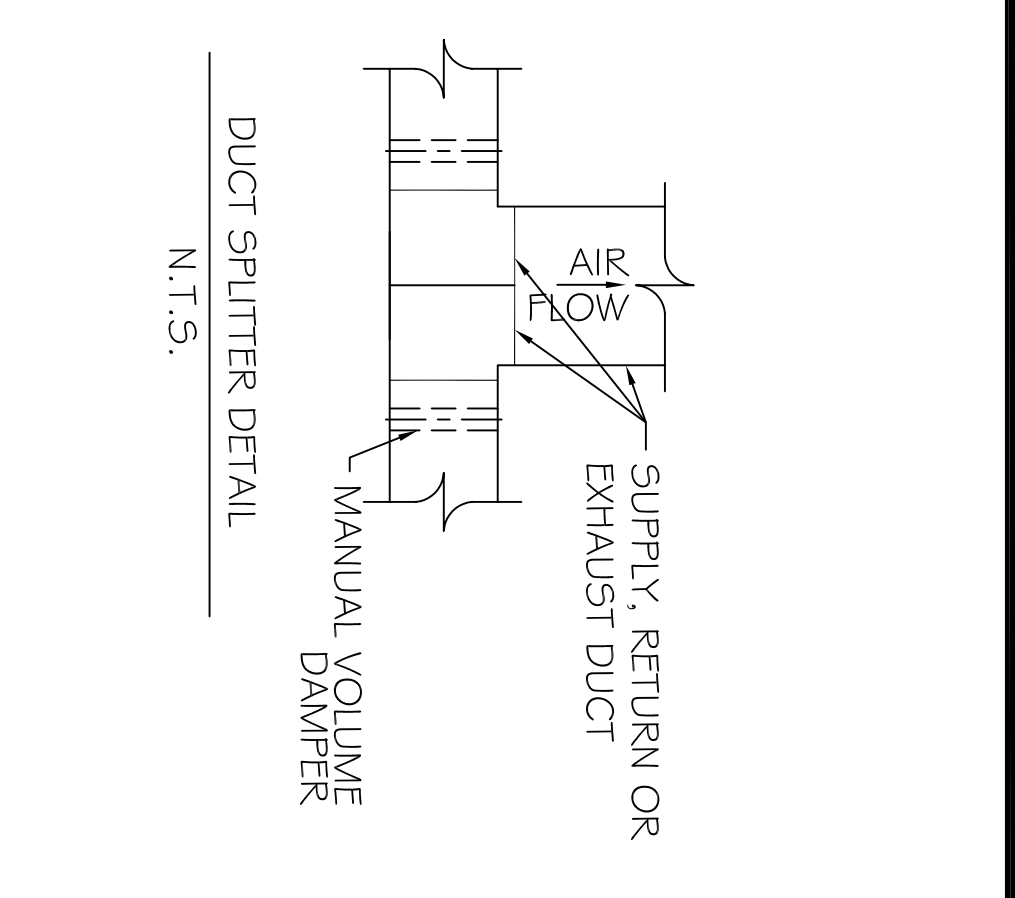
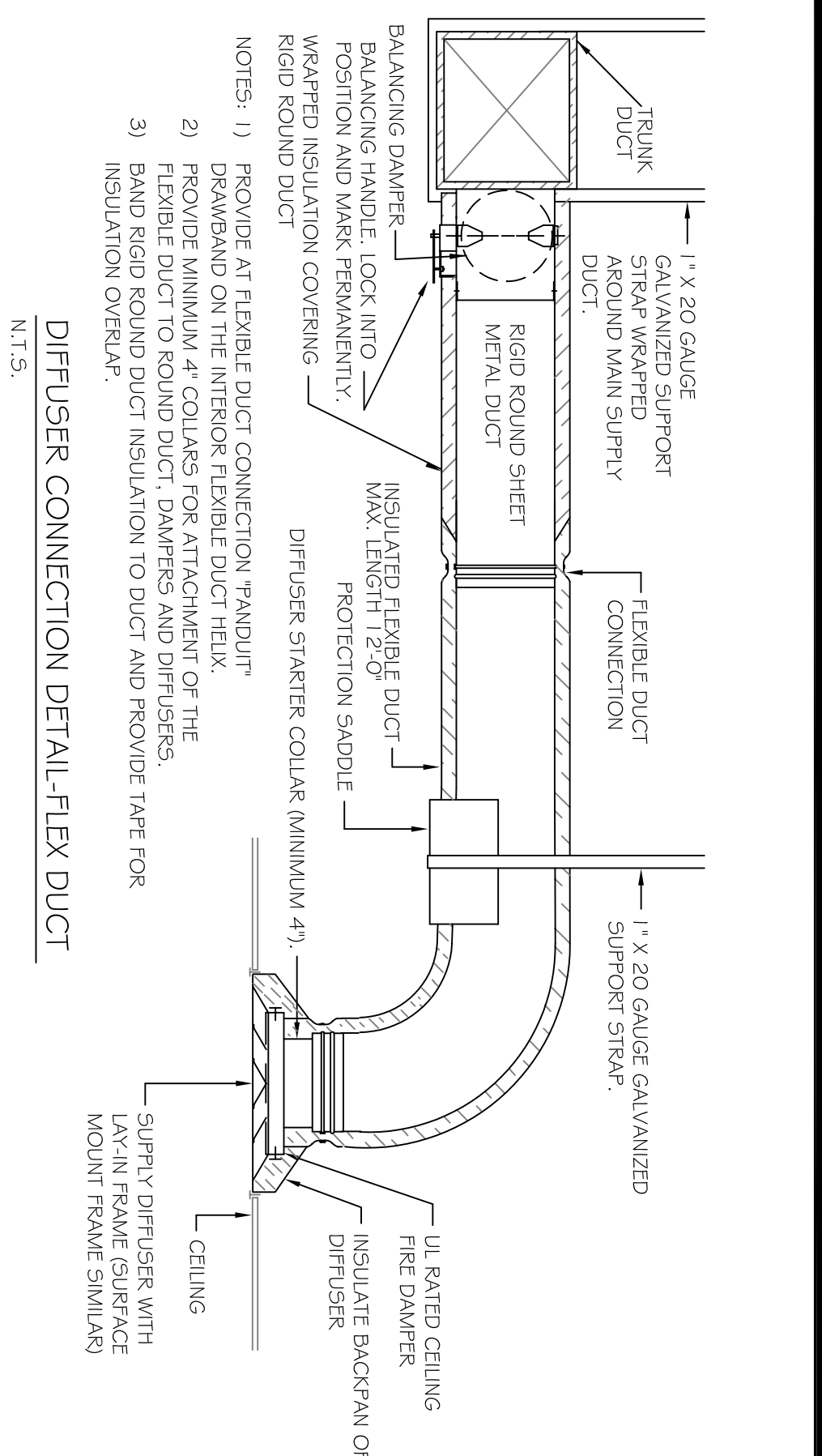
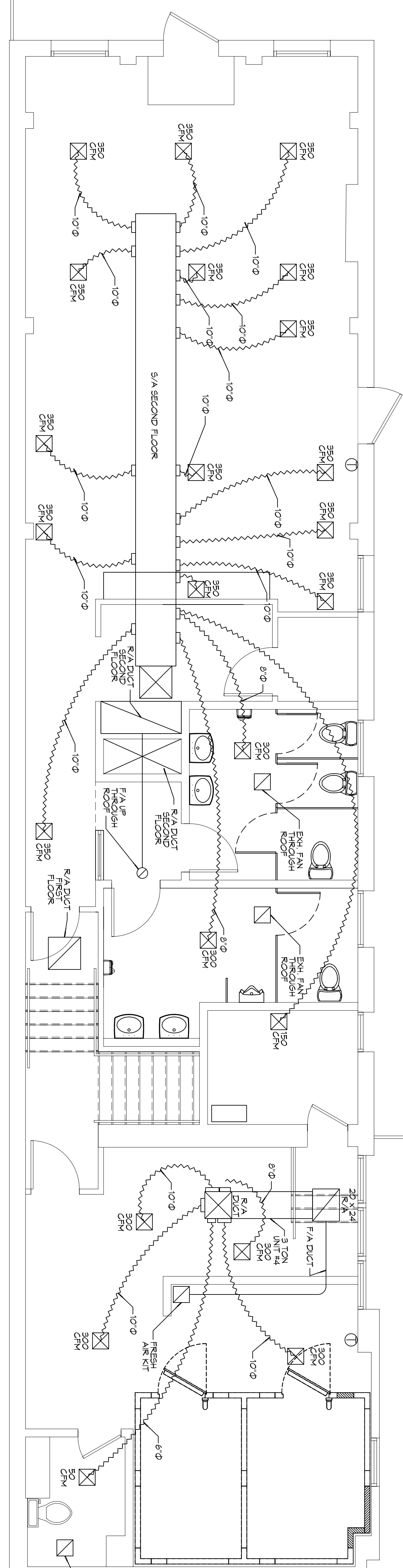


**MECHANICAL PLAN - LEVEL 1**  
 SCALE: 1/4"=1'-0"



**MECHANICAL PLAN - LEVEL 2**  
 SCALE: 1/4"=1'-0"



**A/C UNIT SCHEDULE**

UNIT #	QUANTITY	TOTAL TONS	COMMENTS
1, 3	2	10 TON	15 TON CONDENSER MODEL # TSA12054D 15 AIR HANDLER MODEL # TAA12054D
2	1	15 TON	15 TON CONDENSER MODEL # TSA12054D 15 AIR HANDLER MODEL # TAA12054D
4	1	30 TON	3 TON CONDENSER MODEL # TSA12054D-30 3 AIR HANDLER MODEL # TAA12054D-30

**GENERAL MECHANICAL NOTES**

1. THE CONTRACTOR SHALL BRUSH ALL WORK MATERIALS AND EQUIPMENT NECESSARY FOR THE PROJECT FROM THE WORK AREA. ALL MATERIALS AND EQUIPMENT SHALL BE STORED IN THE BUILDING CORSE AND ALL OTHER APPLICABLE STATE, FEDERAL AND LOCAL ORDINANCES AND THE LATEST EDITION OF THE FOLLOWING REGULATIONS SHALL APPLY: 90A, 90B, 91A AND 91B. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES AND SHALL BE RESPONSIBLE FOR THE COST OF SUCH PERMITS AND APPROVALS.
3. THE CONTRACTOR SHALL VERIFY THE SIZE AND COMPONENT WORK WITH OTHER TRADES TO VERIFY AN ACCURATE RECORD OF THE WORK.
4. THE CONTRACTOR SHALL VERIFY THE LOCATION WITH "AS-BUILT" DRAWINGS UPON COMPLETION OF THIS PROJECT.
5. CONTRACTOR SHALL SUBMIT FOR APPROVAL ALL FIELD NOTES OF WORKERS PERFORMING WORK FOR EACH TRADE OF EQUIPMENT AND CONTROL'S INCLUDED IN CONTRACT.
6. ALL MATERIAL SHALL BE NEW AND OF GOOD QUALITY. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER BY SKILLED WORKERS.
7. ALL SUPPLY AND RETURN AIR DUCTWORK SHALL BE PROBABLY RELATED GALVANIZED SHEET METAL. INSULATION SHALL BE A MINIMUM OF 2" THICK RIGID INSULATION R-8 VALUE OR HIGHER. INSULATION SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SHALL BE PROTECTED FROM MECHANICAL DAMAGE.
8. DUCT SYSTEMS SHALL BE DESIGNED TO MAINTAIN THE CONTRACTOR SHALL, IN THE PROVISION OF THE CONTRACT, BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SUPPLY AND RETURN AIR DUCTWORK AND SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SUPPLY AND RETURN AIR DUCTWORK AND SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SUPPLY AND RETURN AIR DUCTWORK.
9. ALL AIR SERVICES (DIFFUSERS, REGISTERS AND GRILLES) SHALL BE ALL ALUMINUM CONSTRUCTION WITH DIVERSED SERVICE OFF WITH BROAD DAMPER, FINISH OR AS SPECIFIED BY OWNER. REMOVE ALL EXISTING DIFFUSERS AT ALL DIFFUSERS AND REGISTERS. DIFFUSERS, REGISTERS AND GRILLES SHALL BE INSTALLED IN THE FIELD AND SHALL BE PROTECTED FROM MECHANICAL DAMAGE. ALL FIELD DUCT SHALL BE LIMITED TO FEET IN LENGTH AND USED ONLY FOR KNOTS TO PREPARE FLEX DUCT SHALL BE 11" (11) BUILT.
10. ALL AIR SERVICES (DIFFUSERS, REGISTERS AND GRILLES) SHALL BE ALL ALUMINUM CONSTRUCTION WITH DIVERSED SERVICE OFF WITH BROAD DAMPER, FINISH OR AS SPECIFIED BY OWNER. REMOVE ALL EXISTING DIFFUSERS AT ALL DIFFUSERS AND REGISTERS. DIFFUSERS, REGISTERS AND GRILLES SHALL BE INSTALLED IN THE FIELD AND SHALL BE PROTECTED FROM MECHANICAL DAMAGE. ALL FIELD DUCT SHALL BE LIMITED TO FEET IN LENGTH AND USED ONLY FOR KNOTS TO PREPARE FLEX DUCT SHALL BE 11" (11) BUILT.
11. THERMOSTAT SHALL BE A T10V REPROGRAMMABLE TYPE WITH SYSTEM COOL, AUTO-ON/OFF AND FAN ON/OFF SELECTOR SWITCHES. PROVIDE ONE PER ROOM OR SUITE.
12. ALL BRANCH LINEWORKS TO BE PROVIDED IN MANUAL VOLUME DAMPERS. ALL ELBOWS AND TEES SHALL BE PROVIDED IN MANUAL VOLUME DAMPERS. PROVIDE 45 DEGREE TAKE-OFFS FOR BRANCH DUCT TO THE MAIN DUCT.
13. REMOVE ALL EXISTING AIR AIR CONDITIONING EQUIPMENT BEFORE STARTING THEIR REPLACE WORK TO FINAL ACCESS POINTS BY ALL RETURN AIR DUCTS FOR FINE AND HANDS. REMOVE ALL EXISTING AIR AIR CONDITIONING EQUIPMENT BEFORE STARTING THEIR REPLACE WORK TO FINAL ACCESS POINTS BY ALL RETURN AIR DUCTS FOR FINE AND HANDS. REMOVE ALL EXISTING AIR AIR CONDITIONING EQUIPMENT BEFORE STARTING THEIR REPLACE WORK TO FINAL ACCESS POINTS BY ALL RETURN AIR DUCTS FOR FINE AND HANDS.
14. REMOVE SMOKE DETECTORS WITH ACCESS POINTS BY ALL RETURN AIR DUCTS FOR FINE AND HANDS. REMOVE SMOKE DETECTORS WITH ACCESS POINTS BY ALL RETURN AIR DUCTS FOR FINE AND HANDS. REMOVE SMOKE DETECTORS WITH ACCESS POINTS BY ALL RETURN AIR DUCTS FOR FINE AND HANDS.
15. REMOVE ALL EXISTING AIR AIR CONDITIONING EQUIPMENT BEFORE STARTING THEIR REPLACE WORK TO FINAL ACCESS POINTS BY ALL RETURN AIR DUCTS FOR FINE AND HANDS. REMOVE ALL EXISTING AIR AIR CONDITIONING EQUIPMENT BEFORE STARTING THEIR REPLACE WORK TO FINAL ACCESS POINTS BY ALL RETURN AIR DUCTS FOR FINE AND HANDS. REMOVE ALL EXISTING AIR AIR CONDITIONING EQUIPMENT BEFORE STARTING THEIR REPLACE WORK TO FINAL ACCESS POINTS BY ALL RETURN AIR DUCTS FOR FINE AND HANDS.
16. PROVIDE THE BY THE FIRE DAMPERS IN ALL DUCTS OR OPENINGS PENETRATING FIRE RATED WALLS, CEILING AND FLOOR. REMOVE ALL EXISTING FIRE DAMPERS IN ALL DUCTS OR OPENINGS PENETRATING FIRE RATED WALLS, CEILING AND FLOOR. REMOVE ALL EXISTING FIRE DAMPERS IN ALL DUCTS OR OPENINGS PENETRATING FIRE RATED WALLS, CEILING AND FLOOR.
17. REMOVE ALL EXISTING FIRE DAMPERS IN ALL DUCTS OR OPENINGS PENETRATING FIRE RATED WALLS, CEILING AND FLOOR. REMOVE ALL EXISTING FIRE DAMPERS IN ALL DUCTS OR OPENINGS PENETRATING FIRE RATED WALLS, CEILING AND FLOOR. REMOVE ALL EXISTING FIRE DAMPERS IN ALL DUCTS OR OPENINGS PENETRATING FIRE RATED WALLS, CEILING AND FLOOR.
18. THERMOSTAT LOCATION SHALL BE APPROVED BY OWNER AND ACQUIRED BEFORE INSTALLATION.
19. ALL INSTALLATION SHALL BE IN ACCORDANCE WITH THE FOLLOWING: 90A, 90B, 91A AND 91B.
20. VERIFY ALL IN-SERVICE, AIR DISBURSERS, VALVES AND AIR SET TO BE USED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SHALL BE PROVIDED BY THE CONTRACTOR. VERIFY ALL IN-SERVICE, AIR DISBURSERS, VALVES AND AIR SET TO BE USED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SHALL BE PROVIDED BY THE CONTRACTOR.
21. CONTRACTOR SHALL VERIFY ALL OUTDOOR EQUIPMENT TO BE INSTALLED AND LOADING AREAS AS REQUIRED BY LOCAL CODES.
22. PROVIDE ALL WEATHER-RESISTANT RELAYS, ETC. FOR ALL COMPLETE OPERATING UNIT.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SUPPLY AND RETURN AIR DUCTWORK AND SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SUPPLY AND RETURN AIR DUCTWORK AND SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SUPPLY AND RETURN AIR DUCTWORK.
24. IT IS THE INTENT OF THE PLAN AND SPECIFICATIONS TO FORM A COMPLETE MECHANICAL SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SUPPLY AND RETURN AIR DUCTWORK AND SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SUPPLY AND RETURN AIR DUCTWORK AND SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SUPPLY AND RETURN AIR DUCTWORK.
25. VERIFY ALL IN-SERVICE, AIR DISBURSERS, VALVES AND AIR SET TO BE USED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SHALL BE PROVIDED BY THE CONTRACTOR. VERIFY ALL IN-SERVICE, AIR DISBURSERS, VALVES AND AIR SET TO BE USED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SHALL BE PROVIDED BY THE CONTRACTOR.
26. IF ANY REVISIONS, DISCREPANCIES OR OMISSIONS ARE FOUND ON THE DRAWINGS, SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF SUCH DISCREPANCIES OR OMISSIONS IN THE EVENT OF THE CONTRACTOR.

**MURRAY ARCHITECTS**  
 131. ormond center court  
 downtown, la 70047  
 (985) 764-7275  
 fax (985) 725-0182

**DAMMON ENGINEERING, INC.**  
 Chief Engineer:  
 Brian Misch, PE  
 554 Old Spanish  
 Trail, Slidell, LA 70458  
 LOUISIANA & MISSISSIPPI  
 www.dammonengineering.com  
 TEL: (985) 681-5333, F: (985) 681-5320

**M100**  
 301 ROYAL ST.  
 Stamp Mecha

**MURRAY ARCHITECTS**  
 PROJECT NUMBER: 1334  
 DATE: 08-05-16  
 MISSING OR INVALID REFERENCE: File: P:\Stamps\Brian Lg Stamp Mecha Sheet1