

MEMORANDUM OF AGREEMENT
REGARDING WINGSTOP AT 406 8TH STREET, SE

This MEMORANDUM OF AGREEMENT (“MOA”) is made this 10th day of June, 2026, by and between Emerald Wings LLC, a Delaware limited liability company (“Applicant”) and Advisory Neighborhood Commission (“ANC”) 6B. The Applicant and ANC 6B are together referred to herein as the “Parties.”

RECITALS

WHEREAS, Applicant has filed an application with the D.C. Board of Zoning Adjustment (hereinafter referred to as “BZA” or the “Board”) requesting special exception approval for (i) a fast food restaurant use and (ii) relief from Subtitle U § 513.1(e)(2) relating to the refuse dumpster requirements (the “Application”) for the property at 406 8th Street, SE (the “Property”).

WHEREAS, the Application is being processed as BZA Case No. 21438 and, if approved, would permit the operation of a Wingstop at the Property.

WHEREAS, the Applicant and its representatives have discussed the Application extensively with representatives from ANC 6B and neighborhood stakeholders at the following meetings:

12/8/25	Meeting with Commissioner Brian Gorman, SMD for ANC 6B04.
1/8/26	ANC 6B Planning & Zoning Committee Meeting
1/15/26	Meeting with ANC 6B Commissioners
2/5/26	Meeting with Planning & Zoning Subcommittee
2/11/26	Community Meeting at the Property
3/2/26	Virtual Meeting with Neighborhood Stakeholders
3/4/26	Meeting with the Fire Station
3/4/26	Capitol Hill Restoration Society’s Zoning Committee
3/5/26	ANC 6B Planning & Zoning Committee Meeting
3/9/26	Virtual Meeting with Neighborhood Stakeholders
4/13/26	ANC 6B Planning & Zoning Committee Meeting
4/30/26	Meeting with Fire Station, DDOT and Dept. of For-Hire Vehicles at PM Peak Hour
5/4/26	Meeting at Property with Engineers
5/7/26	ANC 6B Planning & Zoning Committee Meeting
6/4/26	ANC 6B Planning & Zoning Committee Meeting
6/9/26	ANC 6B Regular Meeting

WHEREAS, as a condition of ANC 6B's support of the Application, the Applicant and the ANC desire to enter into this MOA upon the terms below, regardless of whether the conditions are included in the BZA Order;

WHEREAS, the BZA is scheduled to hold a public hearing on the Application on June 17, 2026; and

WHEREAS, several neighborhood stakeholders have filed a request for party status as Proponents of the Application; subject to the conditions set forth below.

NOW, THEREFORE, in consideration of the foregoing Recitals and for other good and valuable consideration, as further described herein, the mutual receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

1. **Term Limit and Applicant's Good Faith Commitment**. This approval shall become effective the date this order becomes final and shall remain valid for a period of ten (10) years following the issuance of Applicant's Certificate of Occupancy (the "Term"). Throughout the Term, Applicant commits to using commercially reasonable efforts to work in good faith with the community to address reasonable concerns related to operations regarding noise, odors and pests, consistent with the intent of these conditions and applicable laws and regulations. For purposes of this condition, the Applicant shall provide to the ANC the name and contact information for the person designated to serve as a community liaison.
2. **Hours of Operation**. Applicant's operations hours for the restaurant shall be from 10:30 a.m. to 12:00 a.m. (midnight), Sunday through Thursday and from 10:30 a.m. to 2:00 a.m., Friday and Saturday. Notwithstanding the foregoing, on Friday and Saturday between the hours of 1:00 a.m. and 2:00 a.m., the establishment shall only accommodate mobile and online orders, no walk-in orders shall be permitted.
3. **Restaurant Trash and Recycling Pick-Ups**. Applicant shall provide for the onsite storage of trash and recycling in enclosed refrigerated storage areas, substantially consistent with the plans on Sheet M1 (Mechanical Floor Plan), marked as Revision 5 and dated 06/23/26 (attached hereto as **Exhibit 1**), and in accordance with applicable health and building code requirements, until removal from the building. Applicant shall arrange for trash pick-up service six (6) days per week and recycling pick-up service five (5) days per week. All trash pick-ups shall be from the abutting 8th Street, SE curb.
4. **Grease Collection, Storage & Removal**. The Applicant shall install a grease interceptor and oil collection system on the Property, designed to collect and store used

cooking grease indoors on the Property. The equipment and schedule of maintenance and oil collection shall be operated and maintained in a commercially reasonable manner consistent with similarly situated restaurant uses in the District of Columbia and in accordance with applicable laws, regulations, and manufacturer recommendations.

5. **Rodent and Pest Control.** During the operation of the Wingstop, the Applicant shall cause extermination services, including treatment for insects, spiders, rats, mice, moles and other rodents to the Property by a licensed exterminator on a monthly basis. In the event that any such pests are discovered on the Property, the Applicant shall take all commercially reasonable and appropriate measures to promptly relieve the Property of such pests.

6. **Customer Trash Receptacle.** During the operation of the Wingstop, the Applicant shall provide a trash receptacle in the customer waiting/pick up area in order to reasonably discourage littering in and around the Property.

7. **No Littering Sign.** Prior to the issuance of a final certificate of occupancy for the Wingstop, the Applicant shall place an anti-littering sign on the Property, in accordance with the signage to be finalized and attached with the MOA and subject to applicable laws and regulations.

8. **Pollution Control Unit.** In order to mitigate odors from the fast food establishment, the Applicant agrees to install a pollution control unit ("PCU") as part of the exhaust system. The PCU shall be substantially the same as the PCU specs reflected in Drawing No. 4LU1A1DK15FE2, and the installation shall be substantially the same as the engineering sketch represented in Sheet M1 (Mechanical Floor Plan), marked as Revision 5 and dated 06/23/26, Sheet M1.2 (Mechanical Roof Plan), marked as Revision 5 and dated 06/23/26, and Sheet M2 (Mechanical Schedules), marked as Revision 5 and dated 6/23/26. (All five documents are attached as **Exhibit 2.**)

9. **Minor Design Flexibility.** Applicant is granted minor design flexibility from the attached plans, including modifications to the layout, dimensions, configuration, screening, location, and specifications of the PCU, exhaust systems, rooftop equipment, HVAC equipment, mechanical systems, trash facilities, and related architectural or engineering elements as may be required by field conditions, permitting requirements, Historic Preservation Office review, Historic Preservation Review Board review, engineering considerations, manufacturer requirements, or code compliance, provided the overall intent of the Conditions 3 and 8 and the incorporated Exhibits 1 and 2 are maintained and such changes do not materially increase external impacts. Mechanical equipment may be repaired, replaced, relocated, upgraded, or modified over time with substantially equivalent or improved equipment, provided such changes comply with applicable law, and provided the overall intent of Conditions 3 and 8 and the incorporated

Exhibits 1 and 2 are maintained and such changes do not materially increase adverse external impacts. Nothing herein shall prohibit repairs, replacements, maintenance, upgrades, or modifications required by applicable law, permitting authorities, manufacturers, insurers, or operational necessity, provided the overall intent of Conditions 3 and 8 and the incorporated Exhibits 1 and 2 are maintained and such changes do not materially increase adverse external impacts.

10. **Instructions for Delivery Drivers.** The Applicant shall use commercially reasonable efforts, where able, to guide app-based delivery drivers to adhere to all signage along the Bus Only Lanes and to only park or stand in legal spaces, including the curbside spaces along the west side of 8th Street SE, the south side of Pennsylvania Avenue SE, and on D Street SE. The instructions shall specifically include a note that parking or standing in front of the fire station driveway is prohibited.

Miscellaneous

11. **ANC Support of Project.** The terms and provisions of the MOA are conditioned upon a written letter of support for the Application from ANC 6B to the BZA, prior to the BZA hearing scheduled for June 17, 2026.

12. **Incorporation into BZA Order.** The Applicant shall enter this MOA into the case record for the Application and request that the BZA include the foregoing provisions (paragraphs 1-10) as conditions in the BZA order approving the Application. Any provision not so incorporated into the BZA order shall be fully enforceable between the Parties ("**Privately-Enforceable Provisions**"). Any disputes arising out of or related to Privately-Enforceable Provisions shall be decided by binding arbitration between the Parties in the District of Columbia pursuant to the rules of the American Arbitration Association.

13. **Default and Opportunity to Cure.** In the event that the Applicant fails to perform any of its obligations under this MOA, ANC 6B shall notify the Applicant and the Applicant shall be given thirty (30) days to cure the defect. If the Applicant does not cure the defect within such period, the ANC may (1) notify the Department of Buildings ("DOB") in order for DOB to take the appropriate action, which may include revocation of the establishment's certificate of occupancy; or (2) seek to enforce this MOA in accordance with the laws of the District of Columbia, including any remedies at law or in equity, including the remedy of specific performance.

14. **Entire Agreement and Modification.** This MOA constitutes the complete agreement among the Parties and shall not be modified or amended except by written agreement of the Parties hereto.

15. **Counterparts.** This MOA may be executed in counterparts, each of which constitutes an original and all of which constitute one and the same MOA.

IN WITNESS WHEREOF, Emerald Wings, LLC and ANC 6B, have each caused this Memorandum of Agreement to be executed and delivered in its name by its duly authorized representative(s) as of the day and year first above written.

EMERALD WINGS LLC

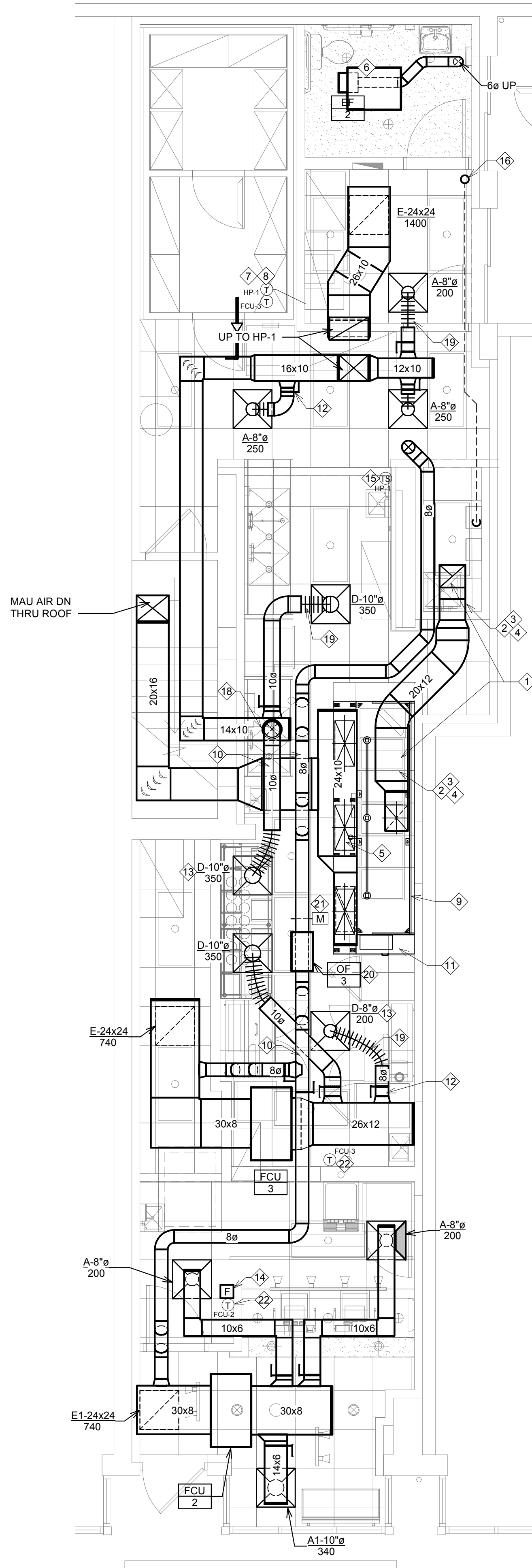


Saad Usman, Managing Member

ADVISORY NEIGHBORHOOD COMMISSION 6B

Samuel Pastore, Chair

EXHIBIT 1



1 MECHANICAL FLOOR PLAN
1/4" = 1'-0"

GENERAL NOTES:

- INSTALL VOLUME DAMPER IN DUCT TAKE-OFF TO EACH DIFFUSER, GRILLE, AND REGISTER.
- ALL DUCT DIMENSIONS ARE CLEAR INSIDE DIMENSIONS. CONTRACTOR MAY, AT THEIR OPTION, REPLACE RECTANGULAR DUCTWORK SHOWN WITH ROUND, SPIRAL DUCT OF EQUIVALENT CAPACITY.
- IN GENERAL, ALL PIPING AND DUCTWORK SHALL BE RUN CONCEALED IN SUSPENDED CEILING SPACES AND IN SHAFTS PROVIDED UNLESS NOTED OR INDICATED OTHERWISE.
- VERIFY ALL DUCT CONNECTION SIZES TO FANS, COILS, AND EXISTING DUCTWORK.
- COOPERATE WITH THE OTHER TRADES TO ELIMINATE ANY CONFLICTS BETWEEN PIPING, DUCTWORK, STRUCTURAL, ELECTRICAL WORK, ETC.
- DIFFUSER, REGISTER, AND SPRINKLER HEAD LOCATIONS SHALL BE COORDINATED WITH LIGHT FIXTURE LOCATIONS AND SHALL BE IN ACCORDANCE WITH CEILING PATTERNS AS SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS.
- ALL SQUARE DIFFUSERS SHALL HAVE THE AIR VOLUME EQUALLY IN FOUR DIRECTIONS UNLESS INDICATED OTHERWISE.
- MECHANICAL CONTRACTOR TO VERIFY RATINGS OF ALL WALLS WITH ARCHITECTURAL DRAWINGS. SEAL PIPE PENETRATIONS TO MATCH THE WALL RATINGS. PROVIDE ALL SUPPLY AND RETURN DUCTS PASSING THROUGH FIRE RATED WALLS WITH APPROVED FIRE DAMPERS.
- RUNOUTS TO DIFFUSERS SHALL BE THE SAME SIZE AS THE DIFFUSERS NECK SIZE.
- TENANT'S CONTRACTORS SHALL VERIFY WITH HVAC PLAN TO COORDINATE THE REQUIREMENT OF PLENUM RATED FIXTURES, PIPING, WIRING, ETC. FAILURE TO DO SO COULD RESULT IN THE REMOVAL AND REPLACEMENT OF THESE ITEMS AT NO ADDITIONAL COST TO THE TENANT - NO PVC PIPING ALLOWED IN PLENUM.
- CONTRACTOR SHALL STENCIL TENANT NAME AND SPACE NUMBER ON UNIT.
- THE TENANT'S MECHANICAL CONTRACTOR SHALL GO TO THE SITE AND VERIFY THE SIZE, DESIGN, SUPPORT AND LOCATION FOR ALL EXISTING AND FUTURE MECHANICAL EQUIPMENT AND UTILITY TAPS PRIOR TO ANY EQUIPMENT ORDERING, WORK, DUCTWORK FABRICATION ETC. NOTIFY THE TENANT'S PROJECT MANAGER OR PROJECT ENGINEER IMMEDIATELY WITH ANY DISCREPANCIES. FAILURE TO DO SO COULD RESULT IN EQUIPMENT AND/OR MATERIALS REPLACEMENT AT NO ADDITIONAL EXPENSE TO THE TENANT.
- ALL EQUIPMENT, INSTALLATIONS, AND MATERIAL SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES AND LANDLORD CRITERIA.
- REMOVE ALL UNUSED PIPING, DUCTWORK, AND ACCESSORIES - DO NOT ABANDON.
- VERIFY LOCATION OF ANY PENETRATION THRU ROOF WITH LANDLORD. ALL ROOF PENETRATIONS, PATCHING, AND FLASHING SHALL BE BY LANDLORD-APPROVED ROOFER AT MECHANICAL CONTRACTOR EXPENSE.
- PRIOR TO OCCUPANCY OF THE PREMISES, GENERAL CONTRACTOR IS REQUIRED TO PROVIDE AN AIR BALANCE REPORT. AN APPROVED, INDEPENDENT, CERTIFIED AIR-BALANCE COMPANY MUST PERFORM THE TEST REPORT.
- LOCATIONS OF MECHANICAL EQUIPMENT SHOWN ON THE MECHANICAL PLANS ARE FOR REFERENCE ONLY. REFER TO STRUCTURAL PLANS FOR EXACT DIMENSIONED LOCATIONS.

GENERAL INSTRUCTION TO BIDDER:

EQUIPMENT SHALL BE TRANE/MITSUBISHI WITH MODELS AND CONFIGURATIONS AS SHOWN. NO SUBSTITUTIONS ALLOWED WITHOUT PRIOR WRITTEN CONSENT FROM OWNER AND ENGINEER. FOR PRICING AND ORDERING PLEASE CONTACT:

CONTACT: WINGSTOP NATIONAL ACCOUNT TEAM
866-986-4822
EMAIL: WINGSTOP@TRANE.COM
ACCOUNT MANAGER: AUSTIN LUPTON

KEY NOTES:

- 16" X 14" DIA. EXHAUST RISER UP FROM HOOD COLLAR. TRANSITION AS SHOWN AND EXTEND DUCT UP THRU ROOF. REFER TO HOOD PLANS FOR MORE INFORMATION.
- PROVIDE 16 GAUGE BLACK IRON GREASE EXHAUST DUCT, WELDED LIQUID TIGHT, FROM HOOD TO FAN ON ROOF. TRANSITION AS REQUIRED FOR CONNECTION TO HOOD AND EXHAUST FAN. REFER TO HOOD MANUFACTURER'S DRAWINGS FOR ADDITIONAL INFORMATION.
- PYROSCAT DUCT WRAP XL (OR EQUAL) PROVIDED BY MECHANICAL CONTRACTOR. INSTALL PER MANUFACTURERS INSTRUCTIONS TO COMPLY WITH ASTM E2336. SEE DETAILS 7/M3 AND 8/M3. COORDINATE QUANTITY OF WRAP WITH SUPPLIER PRIOR TO START OF WORK.
- PROVIDE 16"W X 12"H FIREMASTER F2-HT-XL3 (OR APPROVED EQUAL) ACCESS DOOR WHERE INDICATED AND WHERE OTHERWISE REQUIRED PER LOCAL AUTHORITY HAVING JURISDICTION. DOOR SHALL BE LISTED TO ASTM E2336. COORDINATE WITH GC TO PROVIDE CORRESPONDING CEILING AND WALL ACCESS PANELS AS NECESSARY. SEE DETAIL 7/M3 FOR ADDITIONAL INFORMATION.
- 28"x12" HOOD SUPPLY DUCT RISER UP FROM 28"x12" DUCT COLLAR. EXTEND DUCT UP TO MAIN SUPPLY DUCT. BALANCE AIRFLOW TO 720 CFM EACH.
- EXTEND DUCTS FROM CEILING EXHAUST FAN TO 6" EXHAUST DUCT THROUGH ROOF. TERMINATE ROOF DUCT NO LESS THAN 10'-0" FROM ANY OUTSIDE AIR INTAKE. PROVIDE WEATHERPROOF CAP AND BIRDSCREEN.
- PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT FOR RTU/FCU CONTROL MOUNTED 4'-0" A.F.F. ABOVE MANAGER'S DESK COVERED WITH CLEAR LOCKABLE BOX. THERMOSTAT SHALL HAVE AUTOMATIC NIGHT SET-BACK WITH 5°F DEADBAND, 2-HOUR OCCUPANT OVERRIDE, AND MIN. 10-HOUR BATTERY BACKUP.
- PROVIDE TEST/RESET SWITCH AND PIEZO ALERT SOUNDER AND REMOTE ANNUNCIATOR ALARM LED MOUNTED AS DIRECTED BY LOCAL AHJ. MECHANICAL CONTRACTOR TO PROVIDE ALL REQUIRED INTERLOCK WIRING AND COORDINATE ALL FINAL CONNECTIONS.
- EXHAUST HOOD TO BE FURNISHED BY HOOD VENDOR AND INSTALLED BY MECHANICAL CONTRACTOR. SEE HOOD DRAWINGS FOR ADDITIONAL INFORMATION. SEE ARCHITECTURAL DRAWINGS FOR HOOD MOUNTING LOCATION AND DIMENSIONS.
- INSTALL DUCTWORK AS HIGH AS POSSIBLE, BETWEEN JOISTS. COORDINATE EXACT ROUTING AND HEIGHT OF STRUCTURE IN FIELD.
- FIRE SUPPRESSION SYSTEM FURNISHED BY HOOD VENDOR WITH EXHAUST HOOD. SEE HOOD DRAWINGS FOR DETAILS. MECHANICAL CONTRACTOR SHALL INSTALL OWNER-FURNISHED FIRE SUPPRESSION GAS VALVE AND MAKE ALL ELECTRICAL CONNECTIONS. FIRE SYSTEM HOOKUP IS PROVIDED BY CAPTIVE AIRE.
- VOLUME DAMPER AT DUCT CONNECTION TO MAIN SUPPLY AIR DUCT, TYPICAL.
- PERFORATED SUPPLY AIR GRILLE WITH NO PATTERN CONTROLLER FOR MINIMUM THROW. TYPICAL FOR ALL TYPE D.
- FIRE SUPPRESSION SYSTEM PULL STATION, VERIFY EXACT LOCATION IN FIELD WITH LOCAL CODE OFFICIAL PRIOR TO INSTALLATION.
- PROVIDE COMPATIBLE REMOTE TEMPERATURE SENSOR. CONNECT TO CORRESPONDING THERMOSTAT. MOUNT 60" A.F.F. COORDINATE EXACT LOCATION WITH OWNER ON SITE.
- APPROXIMATE LOCATION OF WATER HEATER COMBUSTION AIR INTAKE AND FLUE. REFER TO SHEET P1 FOR ADDITIONAL INFORMATION. MAINTAIN MINIMUM 10'-0" FROM FRESH AIR INTAKES. COORDINATE TERMINATION LOCATION WITH PLUMBING CONTRACTOR.
- NOT USED.
- DUCT TAKE-OFF ON TOP SIDE OF SUPPLY DUCTWORK. VOLUME DAMPER NOT SHOWN FOR CLARITY.
- FLEX DUCT 5'-0" MAX LENGTH. TYPICAL FOR ALL.
- NEW INLINE OUTDOOR AIR FAN HUNG FROM STRUCTURE ABOVE WITH VIBRATION ISOLATORS. FAN SHALL OPERATE DURING OCCUPIED HOURS. SEE DETAIL 3/M3.
- PROVIDE MOTORIZED OUTDOOR AIR DAMPER, TRANSFORMER, AND LOW VOLTAGE CONTROL WIRING. DAMPER SHALL OPEN TO MINIMUM POSITION DURING OCCUPIED HOURS AND CLOSE DURING UNOCCUPIED HOURS.
- FCU-2 AND FCU-3 TO UTILIZE REMOTE THERMOSTAT PROVIDED WITH UNIT. MOUNT 4'-0" A.F.F.

CONSULTANT:



DUNHAM

50 South Sixth Street / Suite 1100
Minneapolis, Minnesota 55402-1540
PHONE 612.465.7550
FAX 612.465.7551
WEB dunhameng.com

mechanical + electrical
consulting engineering
PROJECT NO.: 0425995-175

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PROJECT INFORMATION:

WING-STOP
STORE NUMBER: GL#AC213
406 8TH ST SE
WASHINGTON, DC 20003

SEAL:

NOT FOR
CONSTRUCTION

PROJECT NO. 2024-0507
DRAWN BY TSB
CHECKED BY GMS

ISSUE DATE
PERMIT & BID SET 2025-06-04

REVISION DATE
5 REVISION 5 06/23/2026

WRI-TRAD_v103

PROJECT LOCATION:

WASHINGTON, DC

SHEET NUMBER / TITLE:

M1

MECHANICAL FLOOR PLAN

EXHIBIT 2

AIR CLEANER DATA:

CABINET 16 GA STEEL WELDED
VOLTAGE/PH/HZ 240/1/60
POWER RATING 250 WATT

FAN DATA:

BI-16RM 3HP 208/3/60
STATIC PRESSURE 4.0" WG
FOR 2,700 CFM

MISCELLANEOUS DATA:

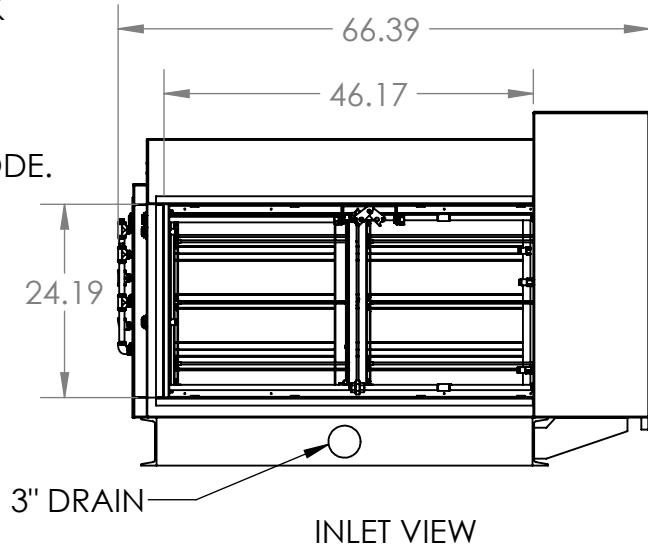
PCU STATIC FOR 2,700 CFM 2" WG
TOTAL WEIGHT approximate: 2,000 LBS
MIN WATER PRESSURE: 25 PSI
RECOMMENDED
WATER PRESSURE: 40 PSI
MAX WATER PRESSURE: 50 PSI
REGULATE IF NECESSARY
RECOMMENDED WASH
WATER TEMPERATURE: 125-160 °F

FILTER & COMPONENTS SCHEDULE:

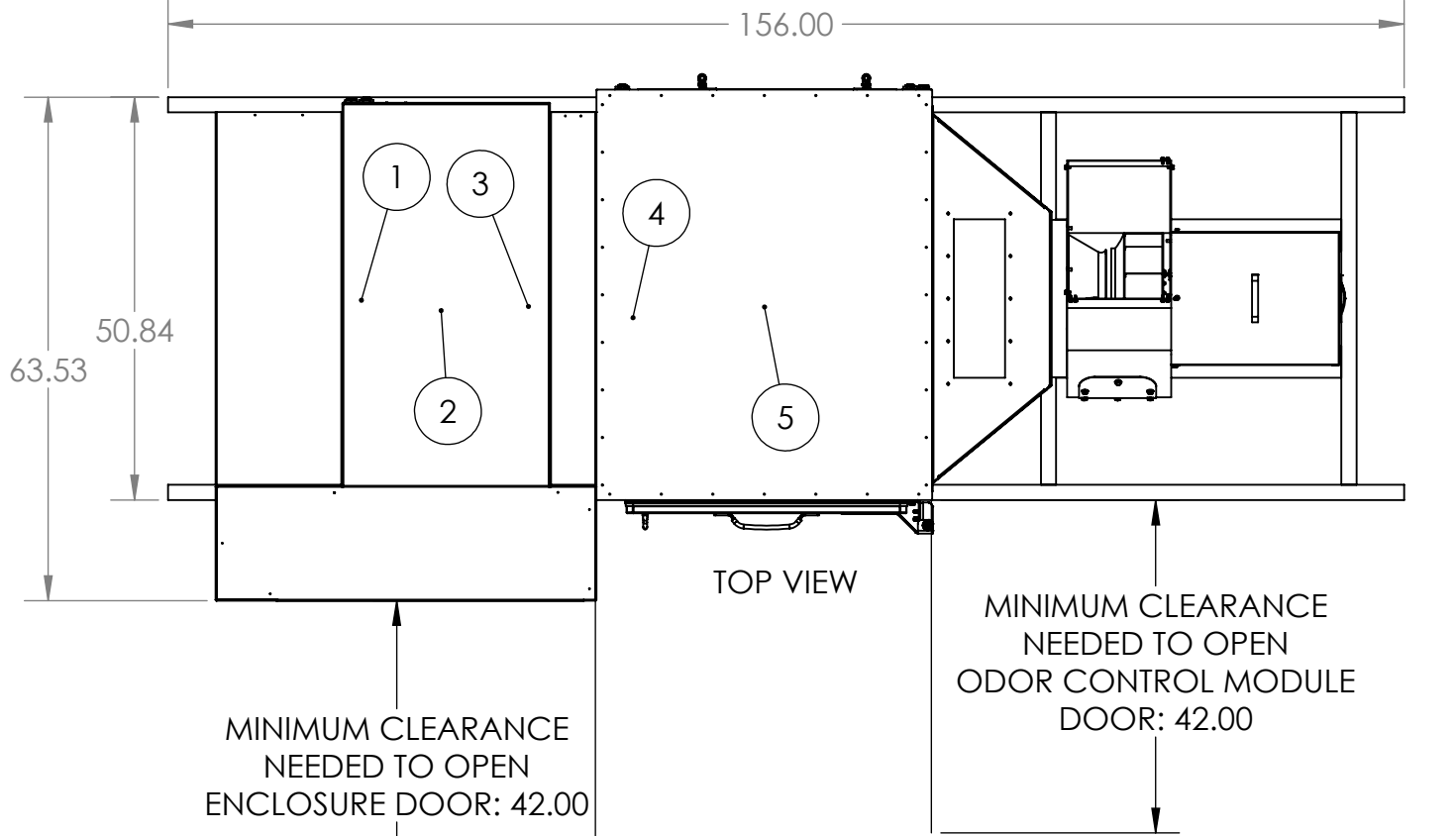
1. ALUMINUM MESH PREFILTER 24"X24"X1" (2)
2. ELECTRONIC CELL 24"X24"X10.75" (2)
3. ALUMINUM MESH POSTFILTER 24"X24"X1" (2)
4. MERV-14 ASHRAE 52.2 PLEATED PREFILTER 24"X24"X4" (2)
5. ODOR NEUTRALIZER: 16 2" TRAYS OF 288 LBS TOTAL

NOTES:

1. ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES
2. FAN, FAN TRANSITION, SKID, AND DETERGENT TANK PROVIDED BY AQE.
3. FAN CONTROL AND RECOMMENED DRIP TRAY PROVIDED BY OTHERS.
4. ANSUL PRE-PIPED BY AIR QUALITY ENGINEERING.
5. POWER CONNECTIONS BY OTHERS PER LOCAL CODE.
6. UL8782 CERTIFICATION APPROVED PER INTERTEK.
7. FAN INSTALLED BY AQE.

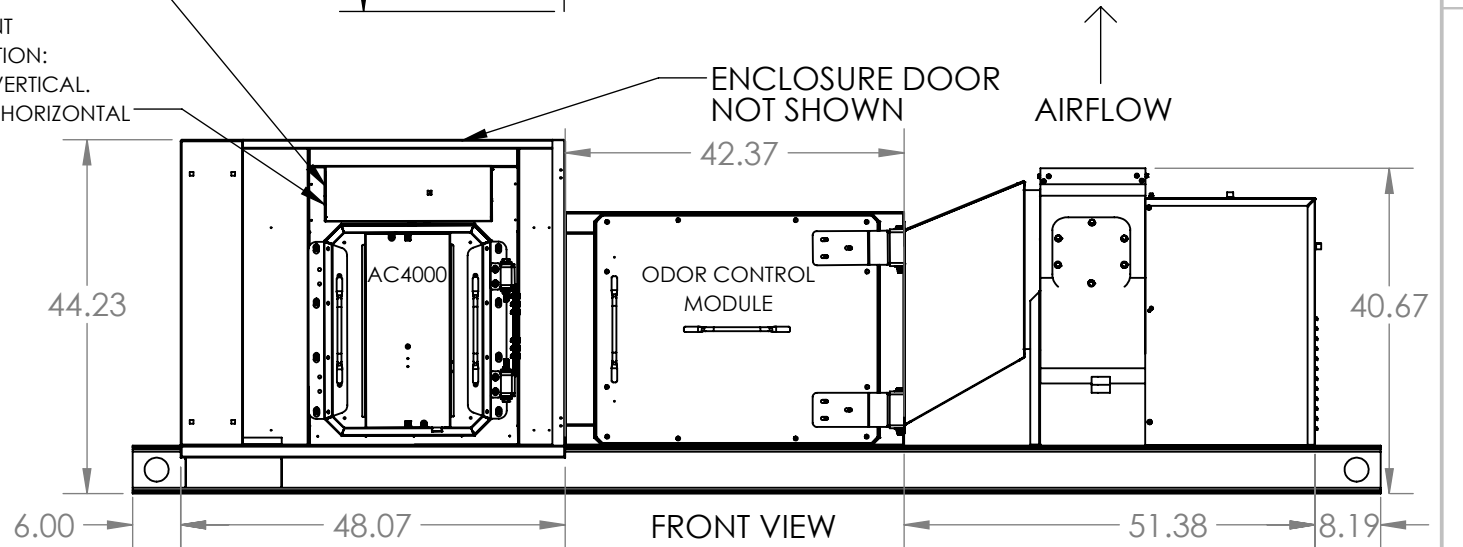


AIRFLOW →



1/2" WATER CONNECTION

DETERGENT CONNECTION:
7FT MAX VERTICAL.
25FT MAX HORIZONTAL



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UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES:

.XXX (3 PLC) ±.010"
.XX (2 PLC) ±.02"
.X (1 PLC) ±.1"
ANGLES ±.5 degrees

COMMENTS:

NAME	DATE
DRAWN IK	4/16/26
ENG APPR.	
MFG APPR.	
MATERIAL: Per BOM	
FINISH:	
SURFACE AREA (in2): 118916.00	
WEIGHT (lbs): 1179.88	

AIR QUALITY ENGINEERING INC.

7140 Northland Drive N., Brooklyn Park, MN 55428

TITLE:

AC4000UL with OM, Enclosed,
Skidded, L-R, 240V, BI-16RM

SIZE

DWG. NO.

B

4LU1A1DK15FE2

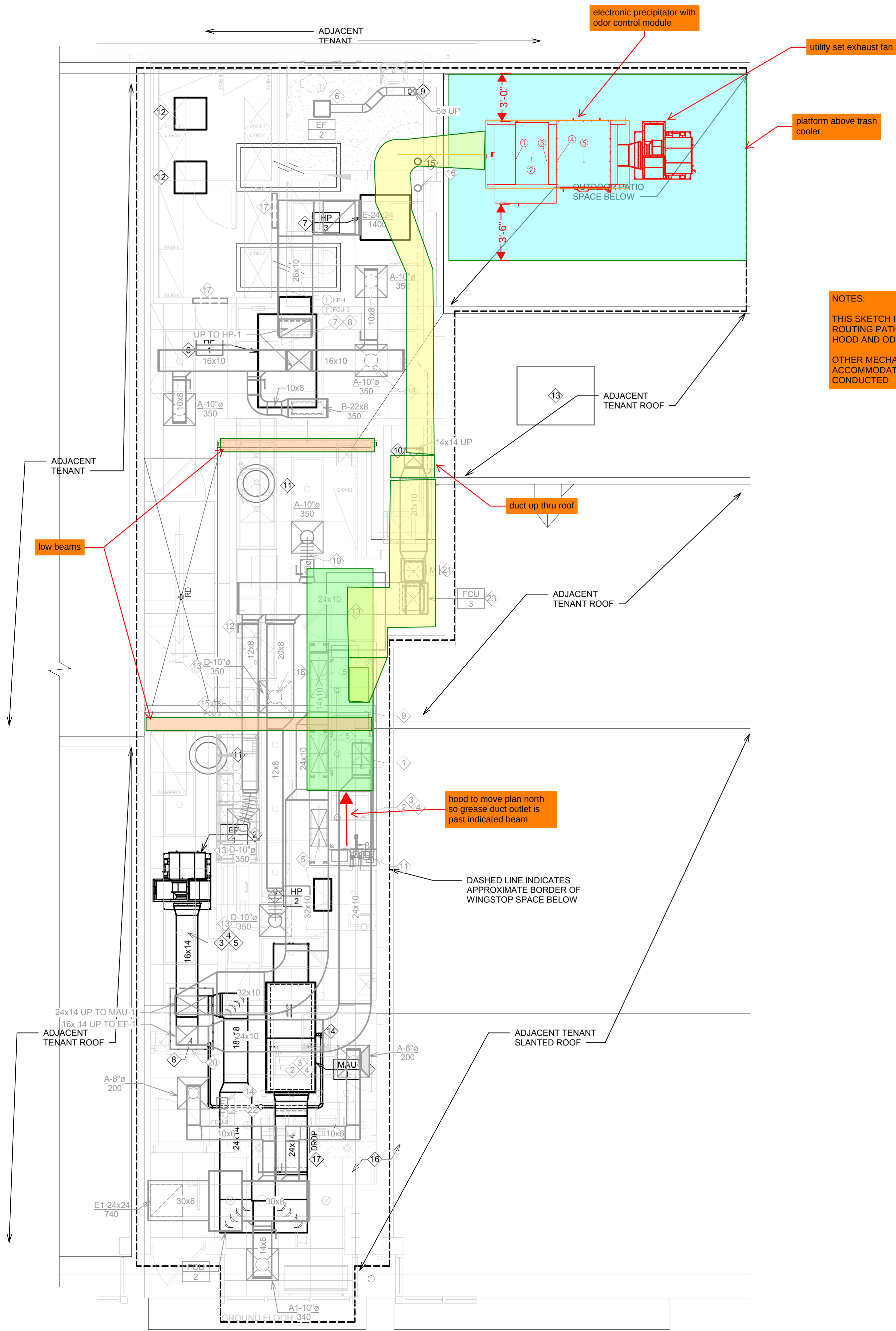
REV

A

SCALE: 1:24

DO NOT SCALE DRAWING

SHEET OF 1



NOTES:

THIS SKETCH IS INTENDED TO SHOW AN APPROXIMATE DUCT ROUTING PATH AND UNIT PLACEMENT FOR THE GREASE EXHAUST HOOD AND ODOR CONTROL UNIT.

OTHER MECHANICAL SYSTEMS HAVE NOT BEEN ADJUSTED TO ACCOMMODATE AND FURTHER DESIGN REVIEW WILL NEED TO BE CONDUCTED

1 ROOF PLAN MECH
1/4" = 1'-0"

CONSULTANT:



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SEAL:



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ISSUE DATE

2026/05/07

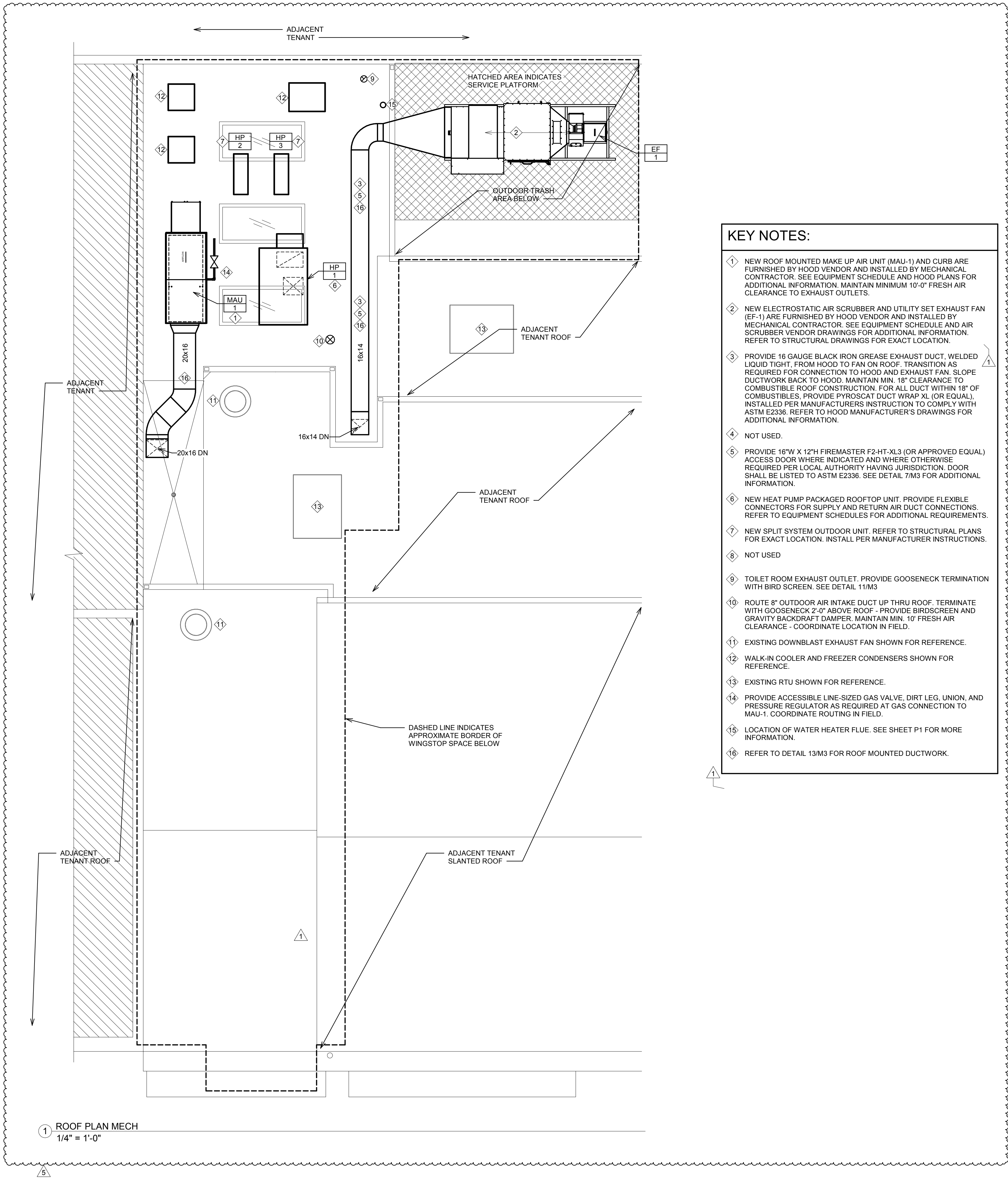
REVISION DATE

WRI-TRAD_v103

PROJECT LOCATION:

WASHINGTON, DC

SHEET NUMBER / TITLE:



KEY NOTES:

- NEW ROOF MOUNTED MAKE UP AIR UNIT (MAU-1) AND CURB ARE FURNISHED BY HOOD VENDOR AND INSTALLED BY MECHANICAL CONTRACTOR. SEE EQUIPMENT SCHEDULE AND HOOD PLANS FOR ADDITIONAL INFORMATION. MAINTAIN MINIMUM 10'-0" FRESH AIR CLEARANCE TO EXHAUST OUTLETS.
- NEW ELECTROSTATIC AIR SCRUBBER AND UTILITY SET EXHAUST FAN (EF-1) ARE FURNISHED BY HOOD VENDOR AND INSTALLED BY MECHANICAL CONTRACTOR. SEE EQUIPMENT SCHEDULE AND AIR SCRUBBER VENDOR DRAWINGS FOR ADDITIONAL INFORMATION. REFER TO STRUCTURAL DRAWINGS FOR EXACT LOCATION.
- PROVIDE 16 GAUGE BLACK IRON GREASE EXHAUST DUCT, WELDED LIQUID TIGHT, FROM HOOD TO FAN ON ROOF. TRANSITION AS REQUIRED FOR CONNECTION TO HOOD AND EXHAUST FAN. SLOPE DUCTWORK BACK TO HOOD. MAINTAIN MIN. 18" CLEARANCE TO COMBUSTIBLE ROOF CONSTRUCTION. FOR ALL DUCT WITHIN 18" OF COMBUSTIBLES, PROVIDE PYROSCAT DUCT WRAP XL (OR EQUAL), INSTALLED PER MANUFACTURERS INSTRUCTION TO COMPLY WITH ASTM E2336. REFER TO HOOD MANUFACTURER'S DRAWINGS FOR ADDITIONAL INFORMATION.
- NOT USED.
- PROVIDE 16"W X 12"H FIREMASTER F2-HT-XL3 (OR APPROVED EQUAL) ACCESS DOOR WHERE INDICATED AND WHERE OTHERWISE REQUIRED PER LOCAL AUTHORITY HAVING JURISDICTION. DOOR SHALL BE LISTED TO ASTM E2336. SEE DETAIL 7/M3 FOR ADDITIONAL INFORMATION.
- NEW HEAT PUMP PACKAGED ROOFTOP UNIT. PROVIDE FLEXIBLE CONNECTORS FOR SUPPLY AND RETURN AIR DUCT CONNECTIONS. REFER TO EQUIPMENT SCHEDULES FOR ADDITIONAL REQUIREMENTS.
- NEW SPLIT SYSTEM OUTDOOR UNIT. REFER TO STRUCTURAL PLANS FOR EXACT LOCATION. INSTALL PER MANUFACTURER INSTRUCTIONS.
- NOT USED.
- TOILET ROOM EXHAUST OUTLET. PROVIDE GOOSENECK TERMINATION WITH BIRD SCREEN. SEE DETAIL 11/M3.
- ROUTE 8" OUTDOOR AIR INTAKE DUCT UP THRU ROOF. TERMINATE WITH GOOSENECK 2'-0" ABOVE ROOF - PROVIDE BIRDSCREEN AND GRAVITY BACKDRAFT DAMPER. MAINTAIN MIN. 10' FRESH AIR CLEARANCE - COORDINATE LOCATION IN FIELD.
- EXISTING DOWNBLAST EXHAUST FAN SHOWN FOR REFERENCE.
- WALK-IN COOLER AND FREEZER CONDENSERS SHOWN FOR REFERENCE.
- EXISTING RTU SHOWN FOR REFERENCE.
- PROVIDE ACCESSIBLE LINE-SIZED GAS VALVE, DIRT LEG, UNION, AND PRESSURE REGULATOR AS REQUIRED AT GAS CONNECTION TO MAU-1. COORDINATE ROUTING IN FIELD.
- LOCATION OF WATER HEATER FLUE. SEE SHEET P1 FOR MORE INFORMATION.
- REFER TO DETAIL 13/M3 FOR ROOF MOUNTED DUCTWORK.

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PROJECT NO.: 0425995-175

CLIENT



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PROJECT INFORMATION:

WINGSTOP

STORE NUMBER: GL#AC213

406 8TH ST SE

WASHINGTON, DC 20003

SEAL:

NOT FOR CONSTRUCTION

PROJECT NO. 2024-0507

DRAWN BY TSB

CHECKED BY GMS

ISSUE

DATE

PERMIT & BID SET

2025-06-04

REVISION

DATE

1 BLDG COMMENTS

10/03/2025

5 REVISION 5

06/23/2026

WRI-TRAD_v103

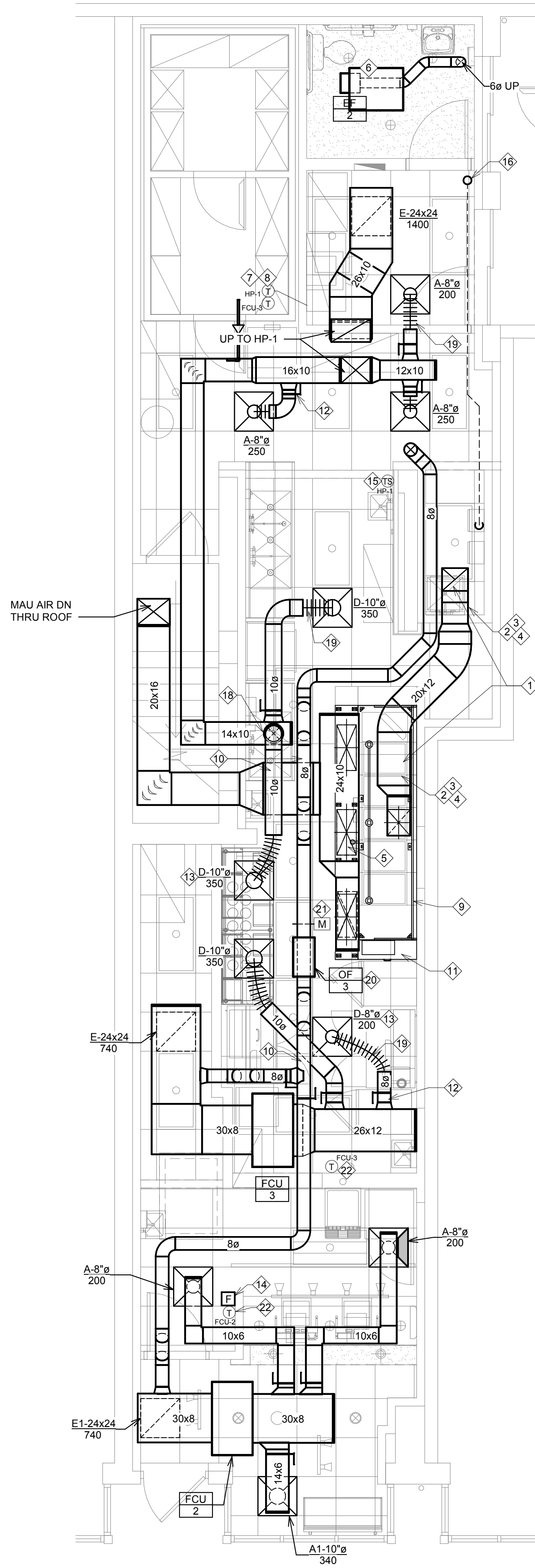
PROJECT LOCATION:

WASHINGTON, DC

SHEET NUMBER / TITLE:

M1.2

MECHANICAL ROOF PLAN



1 MECHANICAL FLOOR PLAN
1/4" = 1'-0"

GENERAL NOTES:

- INSTALL VOLUME DAMPER IN DUCT TAKE-OFF TO EACH DIFFUSER, GRILLE, AND REGISTER.
- ALL DUCT DIMENSIONS ARE CLEAR INSIDE DIMENSIONS. CONTRACTOR MAY, AT THEIR OPTION, REPLACE RECTANGULAR DUCTWORK SHOWN WITH ROUND, SPIRAL DUCT OF EQUIVALENT CAPACITY.
- IN GENERAL, ALL PIPING AND DUCTWORK SHALL BE RUN CONCEALED IN SUSPENDED CEILING SPACES AND IN SHAFTS PROVIDED UNLESS NOTED OR INDICATED OTHERWISE.
- VERIFY ALL DUCT CONNECTION SIZES TO FANS, COILS, AND EXISTING DUCTWORK.
- COOPERATE WITH THE OTHER TRADES TO ELIMINATE ANY CONFLICTS BETWEEN PIPING, DUCTWORK, STRUCTURAL, ELECTRICAL WORK, ETC.
- DIFFUSER, REGISTER, AND SPRINKLER HEAD LOCATIONS SHALL BE COORDINATED WITH LIGHT FIXTURE LOCATIONS AND SHALL BE IN ACCORDANCE WITH CEILING PATTERNS AS SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS.
- ALL SQUARE DIFFUSERS SHALL HAVE THE AIR VOLUME EQUALLY IN FOUR DIRECTIONS UNLESS INDICATED OTHERWISE.
- MECHANICAL CONTRACTOR TO VERIFY RATINGS OF ALL WALLS WITH ARCHITECTURAL DRAWINGS. SEAL PIPE PENETRATIONS TO MATCH THE WALL RATINGS. PROVIDE ALL SUPPLY AND RETURN DUCTS PASSING THROUGH FIRE RATED WALLS WITH APPROVED FIRE DAMPERS.
- RUNOUTS TO DIFFUSERS SHALL BE THE SAME SIZE AS THE DIFFUSERS NECK SIZE.
- TENANT'S CONTRACTORS SHALL VERIFY WITH HVAC PLAN TO COORDINATE THE REQUIREMENT OF PLENUM RATED FIXTURES, PIPING, WIRING, ETC. FAILURE TO DO SO COULD RESULT IN THE REMOVAL AND REPLACEMENT OF THESE ITEMS AT NO ADDITIONAL COST TO THE TENANT - NO PVC PIPING ALLOWED IN PLENUM.
- CONTRACTOR SHALL STENCIL TENANT NAME AND SPACE NUMBER ON UNIT.
- THE TENANT'S MECHANICAL CONTRACTOR SHALL GO TO THE SITE AND VERIFY THE SIZE, DESIGN, SUPPORT AND LOCATION FOR ALL EXISTING AND FUTURE MECHANICAL EQUIPMENT AND UTILITY TAPS PRIOR TO ANY EQUIPMENT ORDERING, WORK, DUCTWORK FABRICATION ETC. NOTIFY THE TENANTS PROJECT MANAGER OR PROJECT ENGINEER IMMEDIATELY WITH ANY DISCREPANCIES. FAILURE TO DO SO COULD RESULT IN EQUIPMENT AND/OR MATERIALS REPLACEMENT AT NO ADDITIONAL EXPENSE TO THE TENANT.
- ALL EQUIPMENT, INSTALLATIONS, AND MATERIAL SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES AND LANDLORD CRITERIA.
- REMOVE ALL UNUSED PIPING, DUCTWORK, AND ACCESSORIES - DO NOT ABANDON.
- VERIFY LOCATION OF ANY PENETRATION THRU ROOF WITH LANDLORD. ALL ROOF PENETRATIONS, PATCHING, AND FLASHING SHALL BE BY LANDLORD-APPROVED ROOFER AT MECHANICAL CONTRACTOR EXPENSE.
- PRIOR TO OCCUPANCY OF THE PREMISES, GENERAL CONTRACTOR IS REQUIRED TO PROVIDE AN AIR BALANCE REPORT. AN APPROVED, INDEPENDENT, CERTIFIED AIR-BALANCE COMPANY MUST PERFORM THE TEST REPORT.
- LOCATIONS OF MECHANICAL EQUIPMENT SHOWN ON THE MECHANICAL PLANS ARE FOR REFERENCE ONLY. REFER TO STRUCTURAL PLANS FOR EXACT DIMENSIONED LOCATIONS.

GENERAL INSTRUCTION TO BIDDER:

EQUIPMENT SHALL BE TRANE/MITSUBISHI WITH MODELS AND CONFIGURATIONS AS SHOWN. NO SUBSTITUTIONS ALLOWED WITHOUT PRIOR WRITTEN CONSENT FROM OWNER AND ENGINEER. FOR PRICING AND ORDERING PLEASE CONTACT:

CONTACT: WINGSTOP NATIONAL ACCOUNT TEAM
866-986-4822
EMAIL: WINGSTOP@TRANE.COM
ACCOUNT MANAGER: AUSTIN LUPTON

KEY NOTES:

- 16" X 14" DIA. EXHAUST RISER UP FROM HOOD COLLAR. TRANSITION AS SHOWN AND EXTEND DUCT UP THRU ROOF. REFER TO HOOD PLANS FOR MORE INFORMATION.
- PROVIDE 16 GAUGE BLACK IRON GREASE EXHAUST DUCT, WELDED LIQUID TIGHT, FROM HOOD TO FAN ON ROOF. TRANSITION AS REQUIRED FOR CONNECTION TO HOOD AND EXHAUST FAN. REFER TO HOOD MANUFACTURER'S DRAWINGS FOR ADDITIONAL INFORMATION.
- PYROSCAT DUCT WRAP XL (OR EQUAL) PROVIDED BY MECHANICAL CONTRACTOR. INSTALL PER MANUFACTURERS INSTRUCTIONS TO COMPLY WITH ASTM E2336. SEE DETAILS 7/M3 AND 8/M3. COORDINATE QUANTITY OF WRAP WITH SUPPLIER PRIOR TO START OF WORK.
- PROVIDE 16"W X 12"H FIREMASTER F2-HT-XL3 (OR APPROVED EQUAL) ACCESS DOOR WHERE INDICATED AND WHERE OTHERWISE REQUIRED PER LOCAL AUTHORITY HAVING JURISDICTION. DOOR SHALL BE LISTED TO ASTM E2336. COORDINATE WITH GC TO PROVIDE CORRESPONDING CEILING AND WALL ACCESS PANELS AS NECESSARY. SEE DETAIL 7/M3 FOR ADDITIONAL INFORMATION.
- 28"x12" HOOD SUPPLY DUCT RISER UP FROM 28"x12" DUCT COLLAR. EXTEND DUCT UP TO MAIN SUPPLY DUCT. BALANCE AIRFLOW TO 720 CFM EACH.
- EXTEND DUCTS FROM CEILING EXHAUST FAN TO 6" EXHAUST DUCT THROUGH ROOF. TERMINATE ROOF DUCT NO LESS THAN 10'-0" FROM ANY OUTSIDE AIR INTAKE. PROVIDE WEATHERPROOF CAP AND BIRDSCREEN.
- PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT FOR RTU/FCU CONTROL MOUNTED 4'-0" A.F.F. ABOVE MANAGER'S DESK COVERED WITH CLEAR LOCKABLE BOX. THERMOSTAT SHALL HAVE AUTOMATIC NIGHT SET-BACK WITH 5°F DEADBAND, 2-HOUR OCCUPANT OVERRIDE, AND MIN. 10-HOUR BATTERY BACKUP.
- PROVIDE TEST/RESET SWITCH AND PIEZO ALERT SOUNDER AND REMOTE ANNUNCIATOR ALARM LED MOUNTED AS DIRECTED BY LOCAL AHJ. MECHANICAL CONTRACTOR TO PROVIDE ALL REQUIRED INTERLOCK WIRING AND COORDINATE ALL FINAL CONNECTIONS.
- EXHAUST HOOD TO BE FURNISHED BY HOOD VENDOR AND INSTALLED BY MECHANICAL CONTRACTOR. SEE HOOD DRAWINGS FOR ADDITIONAL INFORMATION. SEE ARCHITECTURAL DRAWINGS FOR HOOD MOUNTING LOCATION AND DIMENSIONS.
- INSTALL DUCTWORK AS HIGH AS POSSIBLE, BETWEEN JOISTS. COORDINATE EXACT ROUTING AND HEIGHT OF STRUCTURE IN FIELD.
- FIRE SUPPRESSION SYSTEM FURNISHED BY HOOD VENDOR WITH EXHAUST HOOD. SEE HOOD DRAWINGS FOR DETAILS. MECHANICAL CONTRACTOR SHALL INSTALL OWNER-FURNISHED FIRE SUPPRESSION GAS VALVE AND MAKE ALL ELECTRICAL CONNECTIONS. FIRE SYSTEM HOOKUP IS PROVIDED BY CAPTIVE AIRE.
- VOLUME DAMPER AT DUCT CONNECTION TO MAIN SUPPLY AIR DUCT, TYPICAL.
- PERFORATED SUPPLY AIR GRILLE WITH NO PATTERN CONTROLLER FOR MINIMUM THROW. TYPICAL FOR ALL TYPE D.
- FIRE SUPPRESSION SYSTEM PULL STATION, VERIFY EXACT LOCATION IN FIELD WITH LOCAL CODE OFFICIAL PRIOR TO INSTALLATION.
- PROVIDE COMPATIBLE REMOTE TEMPERATURE SENSOR. CONNECT TO CORRESPONDING THERMOSTAT. MOUNT 60" A.F.F. COORDINATE EXACT LOCATION WITH OWNER ON SITE.
- APPROXIMATE LOCATION OF WATER HEATER COMBUSTION AIR INTAKE AND FLUE. REFER TO SHEET P1 FOR ADDITIONAL INFORMATION. MAINTAIN MINIMUM 10'-0" FROM FRESH AIR INTAKES. COORDINATE TERMINATION LOCATION WITH PLUMBING CONTRACTOR.
- NOT USED.
- DUCT TAKE-OFF ON TOP SIDE OF SUPPLY DUCTWORK. VOLUME DAMPER NOT SHOWN FOR CLARITY.
- FLEX DUCT 5'-0" MAX LENGTH. TYPICAL FOR ALL.
- NEW INLINE OUTDOOR AIR FAN HUNG FROM STRUCTURE ABOVE WITH VIBRATION ISOLATORS. FAN SHALL OPERATE DURING OCCUPIED HOURS. SEE DETAIL 3/M3.
- PROVIDE MOTORIZED OUTDOOR AIR DAMPER, TRANSFORMER, AND LOW VOLTAGE CONTROL WIRING. DAMPER SHALL OPEN TO MINIMUM POSITION DURING OCCUPIED HOURS AND CLOSE DURING UNOCCUPIED HOURS.
- FCU-2 AND FCU-3 TO UTILIZE REMOTE THERMOSTAT PROVIDED WITH UNIT. MOUNT 4'-0" A.F.F.

CONSULTANT:



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PROJECT NO.: 0425995-175

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WRI-TRAD_v103

PROJECT LOCATION:

WASHINGTON, DC

SHEET NUMBER / TITLE:

M1

MECHANICAL FLOOR PLAN

Air System Sizing Summary for Whole space		
Project Name: 0425995-175 Wing Stop Washington DC	08/20/20	
Prepared by: Dunham Associates	12:12P	

Air System Information		
Air System Name	Whole space	
Equipment Class	PKG ROOF	
Air System Type	SZCAV	
Sizing Calculation Information		
Calculation Months	Jan to Dec	
Sizing Data	Calculated	
Central Cooling Coil Sizing Data		
Total coil load	7.3 Tons	Load occurs at
Total coil load	87.6 MBH	OA DB / WB
Sensible coil load	65.7 MBH	Entering DB / WB
Coil CFM at Aug 1500	2801 CFM	Leaving DB / WB
Max block CFM	2801 CFM	Coil ADP
Sum of peak zone CFM	2801 CFM	Bypass Factor
Sensible heat ratio	0.749	Resulting RH
CFM/Ton	382.9	Design supply temp
ft ³ /Ton	126.7	Zone T-stat Check
BTU/(hr ft ²)	94.7	Max zone temperature deviation
Water flow @ 10.0 °F rise	N/A	

Central Heating Coil Sizing Data		
Max coil load	59.6 MBH	Load occurs at
Coil CFM at Des Htg	2801 CFM	BTU/(hr ft ²)
Max coil CFM	2801 CFM	Ent. DB / Lvg DB
Water flow @ 20.0 °F drop	N/A	

Supply Fan Sizing Data		
Actual max CFM	2801 CFM	Fan motor BHP
Standard CFM	2794 CFM	Fan motor kW
Actual max CFM/ft ²	3.02 CFM/ft ²	Fan static
Outdoor Ventilation Air Data		
Design airflow CFM	765 CFM	CFM/person
CFM/ft ²	0.83 CFM/ft ²	85.00 CFM/person

Air System Design Load Summary for Whole space		
Project Name: 0425995-175 Wing Stop Washington DC	08/20/2025	
Prepared by: Dunham Associates	12:12PM	

DESIGN COOLING						DESIGN HEATING					
COOLING DATA AT Aug 1500						HEATING DATA AT DES Htg					
COOLING OA DB / WB 95.0 °F / 76.0 °F						HEATING OA DB / WB 15.0 °F / 12.2 °F					
ZONE LOADS		Details	Sensible (BTU/hr)	Latent (BTU/hr)		Details	Sensible (BTU/hr)	Latent (BTU/hr)			
Window & Skylight Solar Loads		112 ft ²	4138	-	-	112 ft ²	-	-	-	-	-
Wall Transmission		276 ft ²	2534	-	-	276 ft ²	3046	-	-	-	-
Roof Transmission		519 ft ²	3313	-	-	519 ft ²	3441	-	-	-	-
Window Transmission		112 ft ²	1078	-	-	112 ft ²	3283	-	-	-	-
Skylight Transmission		0 ft ²	0	-	-	0 ft ²	0	-	-	-	-
Door Loads		42 ft ²	1275	-	-	42 ft ²	1309	-	-	-	-
Floor Transmission		927 ft ²	0	-	-	927 ft ²	678	-	-	-	-
Partitions		0 ft ²	0	-	-	0 ft ²	0	-	-	-	-
Ceiling		0 ft ²	0	-	-	0 ft ²	0	-	-	-	-
Overhead Lighting		893 W	2717	-	-	0	0	-	-	-	-
Task Lighting		0 W	0	-	-	0	0	-	-	-	-
Electric Equipment		611 W	1937	-	-	0	0	-	-	-	-
People		9	2052	3585	-	0	0	0	0	0	0
Infiltration		-	2263	2136	-	-	5926	-	-	-	-
Miscellaneous		-	23459	0	-	-	0	0	0	0	0
Safety Factor		0% / 0%	0	0	0%	0	0	0	0	0	0
>> Total Zone Loads		-	44763	5721	-	-	17684	0	-	-	0
Zone Conditioning		-	46768	5721	-	-	17647	0	-	-	0
Plenum Wall Load		0%	0	-	-	0	0	-	-	-	-
Plenum Roof Load		0%	0	-	-	0	0	-	-	-	-
Plenum Lighting Load		0%	0	-	-	0	0	-	-	-	-
Return Fan Load		2801 CFM	0	-	-	2801 CFM	0	-	-	-	-
Ventilation Load		765 CFM	15841	16339	-	765 CFM	45059	0	-	-	0
Supply Fan Load		2801 CFM	3114	-	-	2801 CFM	-3114	-	-	-	-
Space Fan Coil Fans		0	0	-	-	0	0	-	-	-	-
Duct Heat Gain / Loss		0%	0	-	-	0%	0	-	-	-	-
>> Total System Loads		-	65721	22060	-	-	59592	0	-	-	0
Central Cooling Coil		-	65721	22061	-	-	0	0	-	-	0
Central Heating Coil		-	0	-	-	-	59592	-	-	-	0
>> Total Conditioning		-	65721	22061	-	-	59592	0	-	-	0
Key:		Positive values are ckg loads				Positive values are hkg loads					
		Negative values are hkg loads				Negative values are ckg loads					

Hourly Analysis Program 5.11

Hourly Analysis Program 5.11

OUTDOOR AIR CALCULATION BASED ON 2017 DISTRICT OF COLUMBIA MECHANICAL CODE

SPACE NAME	SPACE AREA Az (Ft2)	OCCUPANCY CLASSIFICATION	DEFAULT OCCUPANT DENSITY # / 1000 Ft2	ZONE POPULATION Pz(1)	O.A. RATE Rp (CFM/PERSON)	OCCUPANT O.A. Rp x Pz (CFM)	AREA O.A. RATE Ra (CFM/Ft2)	AREA O.A. Ra x Az (CFM)	BREATHING ZONE O.A. Vbz=RpPz + RaAz (CFM)	ZONE DISTRIBUTION EFFECTIVENESS (Ez)	ZONE O.A. Voz=Vbz/Ez (CFM)
KITCHEN+SCULLERY	348	FOOD AND BEVERAGE: KITCHENS (COOKING)	0	0	0	0	0	0	0	0.8	0
REAR STORAGE	216	RETAIL: STORAGE ROOMS	0	0	0	0	0.12	25.9	25.9	0.8	32.4
OFFICE	68	OFFICES: OFFICE SPACES	5	1	5	5	0.06	4.1	9.1	0.8	11.4
FRONT STORAGE	64	RETAIL: STORAGE ROOMS	0	0	0	0	0.12	7.7	7.7	0.8	9.6
TOILET	59	PUBLIC SPACES: TOILET ROOMS (CONTINUOUS EXHAUST)	0	0	0	0	0	0	0	0.8	0
SERVING/ORDERING	219	RETAIL: SALES	15	3	7.5	22.5	0.12	26.3	48.8	0.8	61
TOTAL O.A. PROVIDED VIA MECHANICAL VENTILATION:											640
TOTAL O.A. REQUIRED											114.4

FOOTNOTES:
(1) - ZONE POPULATION BASED ON NET OCCUPIABLE FLOOR AREA, OR NUMBER OF FIXED SEATS IN RESTAURANT DINING AREAS

FAN SCHEDULE

EQUIPMENT TAG	APPLICATION	TYPE	CFM	ESP (IN W.C.)	BHP	MOTOR HP	RPM	DRIVE TYPE	ELECTRICAL DATA	MANUFACTURER	MODEL NUMBER	MECHANICAL NOTES
EF 1	KITCHEN EXHAUST	UTILITY SET	2700	4.0	2.7	3	2023	BELT VFD	SEE ELEC	CANARM	BI-16RM	1,2,3
EF 2	TOILET EXHAUST	CEILING	50	0.25	FRAC	FRAC	803	DIRECT	SEE ELEC	BROAN	L100E	4,5,6,7
OF 3	OUTDOOR AIR	INLINE	240	0.25	0.05	FRAC	1022	DIRECT	SEE ELEC	GREENHECK	CSP-A380-VG	5,6,8

MECHANICAL NOTES:

- GREASE EXHAUST FAN FURNISHED BY AIR SCRUBBER VENDOR, INSTALLED BY MECHANICAL CONTRACTOR. REFER TO VENDOR-PROVIDED DOCUMENTS FOR ADDITIONAL INFORMATION.
- REFER TO STRUCTURAL PLANS FOR EXACT LOCATION. VERIFY REQUIREMENTS IN FIELD PRIOR TO BID.
- FAN SHALL BEAR UL-762 "POWER VENT. FOR RESTAURANT EXHAUST APPLICATIONS" LISTING.
- FACTORY INSTALLED GRAVITY BACKDRAFT DAMPER.
- FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED HOURS.
- GRAVITY BACKDRAFT DAMPER.
- PROVIDE WEATHER-PROOF ROOF CAP WITH BIRDSCREEN. SEE LOCATION ON PLANS.
- INLINE OUTDOOR AIR FAN.
- PROVIDE MOTORIZED DAMPER.

MAKE UP AIR UNIT SCHEDULE

EQUIPMENT TAG	SYSTEM	CAPACITY (CFM)	FAN S.P. INCHES W.G.	HP	GAS INPUT (MBH)	GAS OUTPUT (MBH)	ELECTRICAL DATA	MANUFACTURER	MODEL NUMBER	MECHANICAL NOTES
MAU 1	KITCHEN HOOD	2160	0.6	1	133.0	122.4	SEE ELEC	CAPTIVEAIRE	EA2-D 250-20D	1,2

MECHANICAL NOTES:

- NEW MAKE UP AIR UNIT FURNISHED BY HOOD VENDOR - INSTALLED BY MECHANICAL CONTRACTOR.
- PROVIDED WITH ACCESSORIES SPECIFIED ON HOOD PLANS. SEE HOOD PLANS FOR ADDITIONAL INFORMATION.

SPLIT HEAT PUMP OUTDOOR UNIT SCHEDULE

EQUIPMENT TAG	FCU SERVED	COOLING			HEATING			REFRIGERANT TYPE	FAN POWER	SUPPLEMENTAL HEATER KW	COP (HSPF)	ELECTRICAL DATA	EER (SEER)	MANUFACTURER	MODEL NUMBER	MECHANICAL NOTES
		SENSIBLE CAPACITY (MBH)	TOTAL CAPACITY (MBH)	AMBIENT TEMPERATURE (F)	NOMINAL TONS	AMBIENT TEMPERATURE (F)	TOTAL CAPACITY (MBH)									
HP 2	FRONT OF HOUSE MINI SPLIT OUTDOOR UNIT	16.3	24.0	95	2	17.0	25.0	R-410A	74W	N/A	2.0 (9.4)	SEE ELEC	11.7 (16.7)	mitsubishi	PUZ-HA24NHA1	1, 2
HP 3	FRONT OF HOUSE MINI SPLIT OUTDOOR UNIT	16.3	24.0	95	2	17.0	25.0	R-410A	74W	N/A	2.0 (9.4)	SEE ELEC	11.7 (16.7)	mitsubishi	PUZ-HA24NHA1	1, 2

MECHANICAL NOTES:

- LOUVERED HAIL GUARDS
- INSTALL PER MANUFACTURER INSTRUCTIONS

HEAT PUMP SCHEDULE - AIR-TO-AIR

EQUIPMENT TAG	APPLICATION	DISCHARGE	FAN			COOLING								HEATING		REFRIGERANT TYPE	AMBIENT AIR FAN HP	SUPPLEMENTAL HEATER KW	EER (SEER)	COP (HSPF)	MANUFACTURER	MODEL NUMBER	MECHANICAL NOTES	
			TOTAL CFM	OA CFM	ESP (IN W.C.)	MOTOR HP	EAT DB (F)	EAT WB (F)	LAT DB (F)	LAT WB (F)	SENSIBLE CAPACITY (MBH)	TOTAL CAPACITY (MBH)	NOMINAL TONS	AMBIENT TEMPERATURE (F)	TOTAL CAPACITY (MBH)									AMBIENT TEMPERATURE (F)
HP 1	BACK OF HOUSE ROOFTOP UNIT	VERTICAL	1600	400	1.1	1.5	79.8	68.0	55.0	54.9	35.6	49.0	4	95	27.1	17.4	R-454B	1/3	N/A	12.3 (14.3)	3.5 (8.2)	TRANE	WSK048H3	1,2,3,4,5,6

MECHANICAL NOTES:

- FACTORY SUPPLIED ROOF CURB.
- FACTORY SUPPLIED DIFFERENTIAL ENTHALPY ECONOMIZER PACKAGE CAPABLE OF INDUCING 100% OUTDOOR AIR.
- GRAVITY RELIEF DAMPER.
- FACTORY PROVIDED CONVENIENCE OUTLET.
- FACTORY PROVIDED HAIL COIL GUARD.

EQUIPMENT SHALL BE TRANE WITH MODELS AND CONFIGURATIONS AS SHOWN. NO SUBSTITUTIONS ALLOWED WITHOUT PRIOR WRITTEN CONSENT FROM OWNER AND ENGINEER. FOR PRICING AND ORDERING PLEASE CONTACT:

CONTACT: WINGSTOP NATIONAL ACCOUNT TEAM
866-986-4622
EMAIL: WINGSTOP@TRANE.COM
ACCOUNT MANAGER: AUSTIN LUPTON

AIR BALANCE SCHEDULE						
TAG	OUTSIDE AIR (CFM)	RETURN AIR (CFM)	SUPPLY AIR (CFM)	EXHAUST AIR (CFM)	SPACE PRESSURE	NOTES
EF-1				2700	-2700	1
EF-2				50	-50	1
HP-1	400	1200	1600		+400	1
FCU-2	140	600	740		+140	1
FCU-3	100	640	740		+100	1
MAU-1	2160		2160		+2160	1
TOTAL					+50	5
1. GENERAL CONTRACTOR SHALL CONTRACT A SEPARATE TEST AND BALANCE CONTRACTOR FOR FINAL SETUP OF ALL SYSTEMS, THEIR OPERATION AND BALANCING.						

GRILLES, REGISTERS, AND DIFFUSERS SCHEDULE

EQUIPMENT TAG	APPLICATION	MOUNTING TYPE	DESCRIPTION	ACCESSORIES	FINISH	MANUFACTURER	MODEL NUMBER	MECHANICAL NOTES
A	SUPPLY	LAY-IN	24" X 24" SUPPLY AIR DIFFUSER	OBD	WHITE	TITUS	TMS	1
A1	SUPPLY	LAY-IN	24" X 24" SUPPLY AIR DIFFUSER	OBD	BLACK	TITUS	TMS	1,2
D	SUPPLY	LAY-IN	24" X 24" PERFORATED AIR GRILLE	OBD	WHITE	TITUS	PAR	3
E	RETURN	LAY-IN	EGGCRATE RETURN GRILLE	OBD	WHITE	TITUS	50F	4
F1	RETURN	LAY-IN	EGGCRATE RETURN GRILLE	OBD	BLACK	TITUS	50F	4,2

MECHANICAL NOTES:

- SUPPLY AIR DIFFUSER WITH OPPOSED BLADE DAMPER.
- PROVIDE FLAT BLACK FACTORY FINISH.
- PERFORATED DIFFUSER WITHOUT PATTERN CONTROLLER FOR MINIMUM THROW.
- 1/2" X 1/2" X 1/2" EGGCRATE RETURN AIR GRILLE

FAN COIL UNIT SCHEDULE

EQUIPMENT TAG	UNIT SERVED	SUPPLY FAN			HEATING DATA			COOLING DATA			MANUFACTURER	MODEL NUMBER	MECHANICAL NOTES
		CFM	OA CFM	ESP (IN W.C.)	FAN POWER	ELECTRICAL DATA	EAT (F)	LAT (F)	ENTERING AIR DB (F)	LEAVING AIR DB (F)			
FCU 2	HP 2	740	140	0.6	121 W	SEE ELEC	65.0	87.8	79.8	68.0	mitsubishi	PEAD-A24AA9	1
FCU 3	HP 3	740	100	0.6	121 W	SEE ELEC	65.0	87.8	79.8	68.0	mitsubishi	PEAD-A24AA9	1

MECHANICAL NOTES:

- NEW FAN COIL HEAT PUMP UNIT

CONSULTANT:

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TELE

