

## HVAC SPECIFICATIONS

- A. GENERAL CONDITIONS OTHER CONTRACT DOCUMENTS
- The general conditions and other contract documents as set forth hereby are to be incorporated into and become a part of the specifications for the work under this division.
- B. CODES AND PERMITS
- Comply with rules, regulations of state, county, and city authorities having jurisdiction over the premises, including safety requirements of OSHA. Do not construe this as relieving contractor from complying with specifications which exceed code requirements and not in conflict therewith.
  - Secure and pay for all permits and certificates of inspection required. Make payments to all public utilities for work performed by them in providing service connections.
- C. LOCAL CONDITIONS
- Visit site, become familiar with conditions affecting this work. No additional payment will be made on claims that arise from lack of knowledge of existing conditions.
  - This contractor shall be held to have examined the premises and site so as to compare them with the drawings and specifications. No allowance shall be made to the contractor by reason of his failure to have made such examination or of any error on his part.
- D. DRAWINGS
- Drawings and specifications are to be considered as supplementing each other. Work specified shall be performed or furnished as though mentioned in both specifications and drawings.
  - The drawings are schematic only and are intended to show the approximate locations. Do not scale.
- E. SHOP DRAWINGS
- This contractor shall submit shop drawings on the items of equipment and systems as necessary to clearly show equipment and construction.
- F. SUPERVISION
- This contractor shall have in charge of the work, a competent superintendent with experience in the work to be installed under this contract.
- G. COORDINATION
- This contractor shall coordinate his work and cooperate with the other contractors. He shall arrange his work with theirs so that there will be no delay in the proper installation.
  - Examine work of other trades which comes in contact with or is covered by this work. Do not attach to, cover, or finish against any defective work, or install work of this division in a manner which will prevent other trades from properly installing their work. Consult all drawings, specifications and details of other divisions of the work.
- H. CUTTING AND PATCHING
- All cutting and patching work related to this contract will be the responsibility of this contractor.
- I. GUARANTEE AND WARRANTIES
- Warrant that equipment and all work is installed in accordance with good engineering practice and that all equipment will meet requirements specified. Any equipment failing to perform or function as specified shall be replaced with complying equipment, without cost to the owner.
  - Guarantee against defects in workmanship and materials; make good repair or replace any defective work, material or equipment within one year from date of acceptance.
- J. INSTALLATION REQUIREMENTS
- Location of equipment, ducts, etc., on the drawings is diagrammatic; indicated positions shall be followed as closely as possible; exact locations shall be subject to building construction and interferences with other work. Architect reserves right to make minor changes in location of any part of the work up to the time of roughing-in without additional cost.
- K. TEST AND ADJUSTMENTS
- Obtain all inspections required by law, ordinances, rules, regulations of authorities having jurisdiction, furnish certificates of such inspections. Pay all fees and provide all equipment, power and labor necessary for inspections and test.
  - Pressure tests
    - Test medium for refrigerant piping shall be oil pumped dry nitrogen. Twenty-four hour standing time minimum. Test the low side of the system to 150 psi and the high side to 300 psi. Tests shall conform to ANSI Standard B31.5 "Refrigeration Piping."
- L. HVAC SYSTEMS ADJUSTMENTS AND BALANCE
- Put all heating, ventilating, exhaust and air conditioning systems and equipment into full operation and continue operation of same during each working day of testing and balancing. All testing and balancing shall be done under both summer and winter design conditions.
  - Perform tests and balance systems in accordance with following requirements:
    - Balance and adjust all air handling systems for design flow of supply, return, relief, exhaust and outside air to within 10% of design requirements.
    - After or during one complete heating-cooling season, make any minor adjustments that may be necessary to insure uniform temperatures throughout the space.
  - Mechanical contractor shall submit a certified copy of the test and balance report to the City prior to final inspection.
- M. INSULATION
- All insulation shall be installed over clean dry surfaces. Insulation must be dry and in good condition. Wet or damaged insulation will not be acceptable. No insulation shall be applied prior to pressure test completion of the respective piping systems.
  - Fiberglass pipe insulation shall be installed with joints butted firmly together. Jacket laps to be sealed with factory applied adhesive. Butt joints to be sealed with butt stripes, having factory applied adhesive. Valves and fittings shall be insulated using mitered sections of insulation, insulation cement, or premolded fitting insulation. The insulation applied to the valves and fittings shall be covered with the same type of covering as used on the pipe insulation.
  - Provide the following insulation products as manufactured by Owens-Corning. Insulation products as manufactured by Armstrong, Certainteed or Knaflex are acceptable. Adhesive shall be Benjamin Foster or equal.
  - Owens Corning fiberglass 705: 2" thick for climate zones 1-4 and 3" thick for climate zones 5-8 asj equipment insulation (density 6 pcf) or Armacell AP Armaflex sheet and roll insulation (2")
    - Service:
      - Exposed supply air ductwork (in non air conditioned spaces)
      - Exposed outside air intake ductwork
  - Owens Corning ed 150 frk 25: 2" thick faced ductwrap
    - Service:
      - Concealed supply air ductwork (except in return air plenums)
      - Concealed outside air intake ductwork
  - Duct lining: Owens-Corning, 2" thick "Aeroflex Duct Liner" Type 300. Lining shall be installed with stick-klips and adhesive per manufacturer's instructions.
- N. DUCTWORK
- Provide all sheet metal work as shown on the drawings in accordance with the latest edition of the ASHRAE Guide and Data book, SMACNA Standards and this specification, the most demanding of which shall be the minimum standard.
  - Low Pressure Ductwork
    - All ductwork shall be constructed of galvanized steel. Exposed ductwork in architecturally finished spaces shall be fabricated from "Paint Grip" galvanized steel or similar mill surface etch treatment.
    - Construct all ductwork following the latest SMACNA "HVAC Duct Construction Standards,".
    - All ducts, except kitchen exhaust, shall be constructed to 1" W.G.
    - Seal all ducts to seal Class "C."
  - Flexible Ducts
    - Omnair Model 1300 Low pressure non insulated for exhaust ducts and supply air ducts in conditioned spaces up to 6" static pressure.
    - Install flexible tubing fully extended, free of sags and kinks. Maximum length of tubing shall be 5'-0". Flexible tubing shall be connected to supply air ducts with flared spin collar fitting.
  - Protection of Ductwork during Transportation and Construction shall follow the advanced level guidelines under the latest edition of the SMACNA Standards.
    - To maintain cleanliness during transportation, all Ductwork shall be sealed either by blanking or capping duct ends, bagging small fittings, surface wrapping or shrink wrapping.
    - The working area shall be clean, dry and the ductwork protected from dust. Protective coverings shall only be removed immediately before installation and inspected to determine if additional wipe down is necessary.
  - Type II Exhaust Ductwork
    - All type II exhaust ductwork shall be long seam welded 304L stainless steel with liquid tight seams and no joints. Provide complete with external duct insulation similar to other HVAC ductwork.
- O. WIRING
- All wiring incidental to this temperature control system shall be provided by the mechanical contractor.
  - The term "wiring" shall be construed to include furnishing of wire, conduit, miscellaneous materials and labor as required for mounting and connecting electrical control devices, and providing electrical interlocks between equipment.
- P. EQUIPMENT
- See schedule on drawing.
  - All mechanical equipment shall be labeled with equipment tags, space name, area of service (ie. RTU-1, Sweetgreen, Dining). Label equipment with 3" high stenciled paint.
- END OF SPECIFICATIONS

## HVAC GENERAL NOTES

- A GENERAL NOTES APPLY TO ALL MECHANICAL SHEETS.
- B WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE AUTHORITY HAVING JURISDICTION, INCLUDING APPLICABLE SECTIONS OF NFPA, THE MECHANICAL CODE, AND ANY INTERIM AMENDMENTS AT THE TIME OF THE PROPOSAL. PURCHASE PERMITS ASSOCIATED WITH THE WORK. OBTAIN INSPECTIONS REQUIRED BY CODE. SEE SHEET G-001 FOR THE PREVAILING CODES.
- C CONTRACTOR AND SUBCONTRACTORS SHALL REVIEW A COMPLETE SET OF THE CONSTRUCTION DOCUMENTS.
- D COORDINATE WORK WITH THE WORK OF OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND OF THE EXISTING CONDITIONS AT THE PROJECT SITE.
- E DRAWINGS FOR THE MECHANICAL WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWING SHALL NOT BE SCALED FOR EXACT MEASUREMENTS, REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, OFFSETS, ACCESSORIES, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- F DUCT DIMENSIONS ON PLANS INDICATE DIMENSIONS OF INTERNAL FREE AREA.
- G PERFORATED CEILING DIFFUSERS SHALL BE 4-WAY UNLESS NOTED OTHERWISE.
- H COORDINATE ROOF WORK WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
- I UNLESS NOTED OTHERWISE RECTANGULAR DUCT ELBOWS GREATER THAN 45° SHALL BE MITERED ELBOWS WITH DOUBLE-THICKNESS TURNING VANES AND RECTANGULAR DUCT ELBOWS 45° OR LESS SHALL BE RADIUSSED ELBOWS WITH AN INSIDE RADIUS OF AT LEAST 1/2 THE WIDTH OF THE DUCT.
- J REPLACE EXISTING RTU AIR FILTERS WITH NEW, CLEAN, MERV 8 AIR FILTERS AT TURNOVER.
- K THE TERM "FURNISH" MEANS SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS. THE TERM "INSTALL" DESCRIBES THE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
- L A FINAL REPORT FOR THE TESTING AND ADJUSTMENTS OF ALL NEW SYSTEMS FROM ALL DISCIPLINES SHALL BE COMPLETED WITH FINAL APPROVAL BY THE FIELD INSPECTOR. THIS REPORT SHALL BE SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES.
- M TESTING AND BALANCING OF THE MECHANICAL SYSTEMS TO BE COMPLETED BY NATIONAL TAB AT THE GENERAL CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL CONTRACT WITH, SCHEDULE AND SUPERVISE/ASSIST NATIONAL TAB AS REQUIRED. REFER TO THE COVER SHEET, OR CONTACT SWEETGREEN'S CONSTRUCTION MANAGER FOR CONTACT INFORMATION.
- N ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, OR SHEET METAL UNTIL THE FINAL START UP OF THE HEATING, COOLING, AND VENTILATION EQUIPMENT.



sweetgreen

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LOS ANGELES, CALIFORNIA 90018

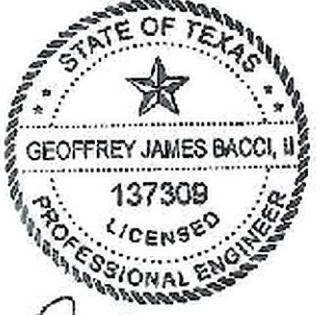
THESE DRAWINGS & SPECIFICATIONS ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF SWEETGREEN CORPORATION. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF SWEETGREEN CORPORATION. THESE DRAWINGS & SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL SWEETGREEN STORE (WHICH IS SUBJECT TO CHANGE AT ANY TIME) AND MAY NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT AS STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED.

ENGINEER OF RECORD:

Geoffrey J. Bacci II  
P.E.

1920 MCKINNEY AVENUE 469-722-7774  
7TH FLOOR JOB NO.: 32641  
DALLAS, TX 76201 DESIGNED BY: JTH

STAMP:



Feb 26, 2025 02:26:2025  
Geoffrey J. Bacci II, P.E. (P. 21667)  
TX License # 137308

PROJECT INFORMATION:  
SWEETGREEN VILLAGE AT  
WESTLAKE  
PROJECT INFORMATION:  
701 S CAPITAL OF TEXAS HWY.,  
STE. A050  
AUSTIN, TEXAS 78746

DRAWN BY: JTH  
CHECKED BY: GJB  
PROJECT MANAGER: EDC  
SG DESIGN MANAGER: SC  
SG DM CHECKED BY: DK  
SG CONSTR. MANAGER: DK  
PROJECT NO: 32641

REVISIONS  
REV. DATE DESCRIPTION

MECHANICAL  
SPECIFICATIONS

M-001

**GENERAL NOTES**

- A. LABEL ALL MECHANICAL EQUIPMENT WITH TENANT NAME, SPACE NUMBER, AND EQUIPMENT IDENTIFICATION IN 4" HIGH BLACK LETTERS.
- B. COORDINATE WITH GC TO PROVIDE ACCESS PANELS FOR MECHANICAL EQUIPMENT ABOVE HARD CEILINGS.

**CODED NOTES**

- 1 EXISTING RTU-1 (10-TON) AND ALL ASSOCIATED DUCTWORK, POWER, AND CONTROLS TO REMAIN.
- 2 EXISTING RTU-2 (7.5-TON) AND ALL ASSOCIATED DUCTWORK, POWER, AND CONTROLS TO REMAIN.
- 3 CONNECT NEW 12" DIAMETER EXHAUST DUCTWORK FROM EXHAUST DIFFUSER TO NEW ROOF TOP EXHAUST FAN (EF-1).
- 4 PROVIDE HONEYWELL TH8321R1001 THERMOSTATS WITH LOCKABLE COVERS (HONEYWELL CGS11A1000 OR EQUAL) FOR THE MECHANICAL EQUIPMENT AT THIS LOCATION AT 48" AFF. COORDINATE WITH ELECTRICAL SWITCHING IN THE AREA AND EXTEND WIRING TO REMOTE TEMPERATURE SENSOR AND UNITS. LABEL EACH THERMOSTAT ACCORDINGLY. COORDINATE THERMOSTAT LOCATION WITH WALL-MOUNTED EQUIPMENT SO THAT THE THERMOSTATS ARE NOT BLOCKED BY SHELVING, COAT RACKS OR DOORS.
- 5 INSTALL THE TEMPERATURE SENSOR FOR THE HVAC EQUIPMENT NOTED AT THIS LOCATION AT 5'-0" AFF. COORDINATION LOCATION WITH EQUIPMENT AND WALL-MOUNTED FIXTURES AS REQUIRED SUCH THAT THE SENSOR IS NOT BLOCKED.
- 6 THE GENERAL CONTRACTOR SHALL FURNISH A REME HALO AIR PURIFICATION SYSTEM AND REQUIRED TRANSFORMER, PURCHASED THROUGH SWEETGREEN'S VENDOR (NATIONAL TAB, CONTACT WILL TURNBOUGH [855-682-6822, EXT 4.2] [WILL@NATIONALTAB.COM]) AND INSTALL SYSTEM IN THE SUPPLY AIR DUCTWORK AND PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ADJUST AS REQUIRED FOR THE SUPPLY AIRFLOW.
- 7 COORDINATE WITH GC TO PAINT EXPOSED DUCTWORK TO MATCH THE DESIGN INTENT, TYPICAL.
- 8 INSTALL CONCENTRIC VENT THROUGH ROOF WITH MANUFACTURER'S OPTIONAL CONCENTRIC VENT KIT IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 9 COORDINATE MOUNTING LOCATION FOR WALK-IN COOLER CONDENSING UNIT, CU-1 ON TOP OF THE WALK-IN COOLER WITH THE KITCHEN EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN. ENSURE ALL CLEARANCE REQUIREMENTS FOR THE UNIT ARE MAINTAINED THROUGH CONSTRUCTION. KITCHEN EQUIPMENT SUPPLIER SHALL PROVIDE LINESET, SPECIALTIES AND MAKE ALL FINAL CONNECTIONS BETWEEN THE CONDENSING UNIT AND EVAPORATOR COIL.
- 10 BALANCE EXISTING RESTROOM EXHAUST FAN TO 70 CFM.
- 11 LOCATE DAMPERS IN BRANCH TAKE-OFFS ABOVE SUSPENDED CEILINGS FOR ACCESSIBILITY.



**sweetgreen**

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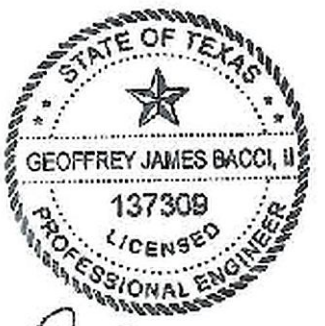
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PROJECT INFORMATION:  
**SWEETGREEN VILLAGE AT WESTLAKE**  
PROJECT INFORMATION:  
**701 S CAPITAL OF TEXAS HWY., STE. A050 AUSTIN, TEXAS 78746**

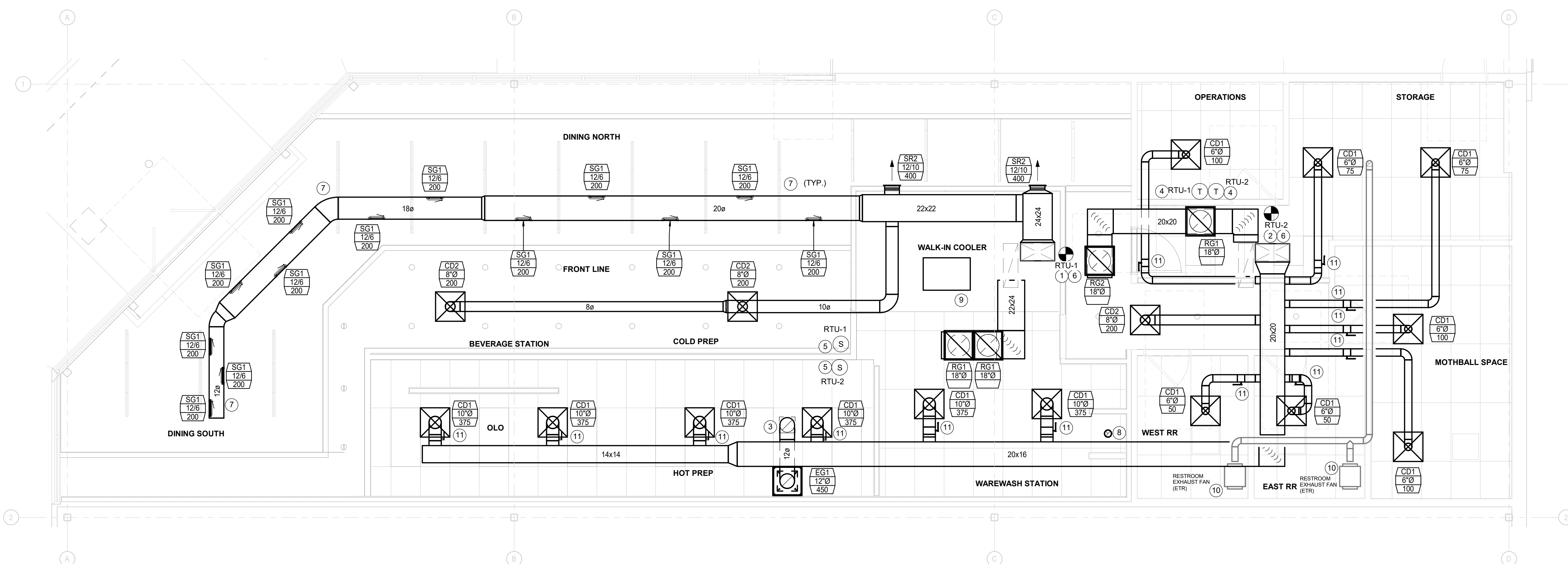
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CHECKED BY: GJB  
PROJECT MANAGER: EDC  
SG DESIGN MANAGER: SC  
SG DM CHECKED BY: DK  
SG CONSTR. MANAGER: DK  
PROJECT NO.: 32641

REVISIONS

REV.	DATE	DESCRIPTION

**HVAC PLAN**

**M-101**



**2 HVAC PLAN**  
1/4" = 1'-0"  
TRUE PLAN NORTH NORTH

**GENERAL NOTES**

- A. LOCATIONS OF ALL ROOF PENETRATIONS MUST BE REVIEWED AND APPROVED BY THE LANDLORD. IN WRITING. PRIOR TO COMMENCEMENT OF WORK. ALL RELATED ROOF WORK MUST BE DONE BY THE LANDLORD'S ROOFING CONTRACTOR. CONTACT THE BUILDING OPERATIONS MANAGER FOR APPROVED ROOFING CONTRACTORS.
- B. LABEL ALL ROOF EQUIPMENT WITH TENANT NAME, SPACE NUMBER, AND EQUIPMENT IDENTIFICATION IN 4" HIGH BLACK LETTERS.
- C. ACQUIRE WRITTEN APPROVAL FROM LANDLORD PRIOR TO INSTALLING ROOFTOP MECHANICAL EQUIPMENT. ALL ROOF TOP EQUIPMENT AND OPENINGS MUST HAVE DESIGNED AND STRUCTURALLY ENGINEERED STRUCTURAL SUPPORT.
- D. ALL PIPING ON ROOF SHALL BE SUPPORTED ON PRE-MANUFACTURED PIPE SUPPORTS INSTALLED ON CARRY TREAD, SPACED PROPERLY. TREATED WOOD SUPPORTS ARE NOT PERMITTED.

**CODED NOTES**

- 1. INSTALL NEW EXHAUST FAN PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE 14" ROOF CURB AND COORDINATE WITH LANDLORDS ROOFER FOR ROOF PENETRATION. CONTRACTOR TO FIELD MEASURE CURB ADAPTER. STENCIL THE UNIT TAG ON THE ROOFTOP EQUIPMENT SO IT IS VISIBLE FROM THE POINT OF ROOF ACCESS.
- 2. CONTRACTOR TO ENSURE EXHAUST FAN IS LOCATED A MIN. 10'-0" FROM ANY OUTSIDE AIR INTAKES.
- 3. CONTRACTOR TO VERIFY FUNCTIONALITY OF EXISTING ROOFTOP UNIT AND REBALANCE SUPPLY AND OA PER THE RTU SCHEDULE ON SHEET M-201.
- 4. CONTRACTOR TO VERIFY THAT NO EXHAUST DISCHARGES, FLUES, OR VENTS ARE LOCATED WITHIN 10'-0" FROM THE OUTSIDE AIR INTAKES.
- 5. VERIFY EXISTING GAS METER AND PIPING HAVE ADEQUATE CAPACITY FOR ALL GAS APPLIANCES. REPLACE WITH LARGER SIZE METER IF NECESSARY.
- 6. ROUTE NEW GAS SERVICE DOWN TO NEW WATER HEATER. VERIFY EXISTING GAS SERVICE HAS ENOUGH CAPACITY FOR ALL GAS APPLIANCES. COORDINATE WITH LANDLORDS ROOFER FOR ROOF PENETRATION.



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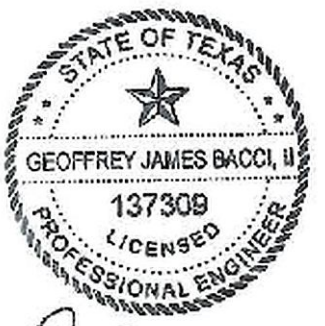
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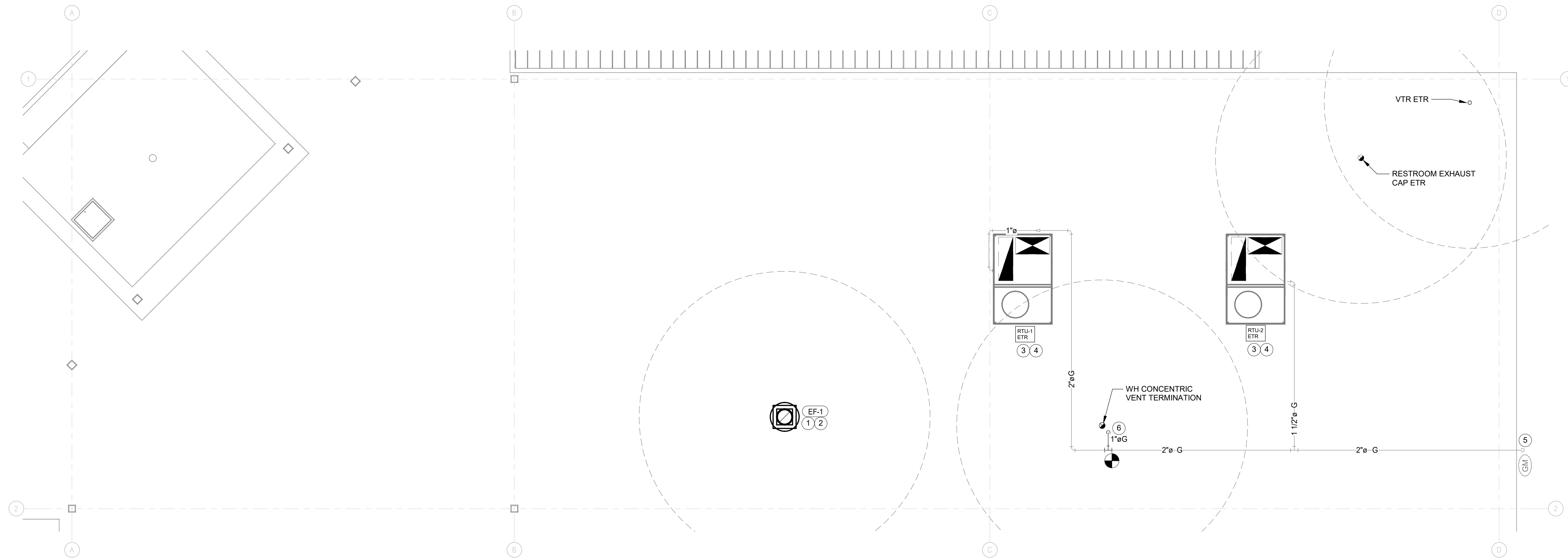
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REVISIONS  
REV. DATE DESCRIPTION

**HVAC ROOF PLAN**

**M-102**



**HVAC ROOF PLAN**  
1  
1/4" = 1'-0"  
TRUE NORTH PLAN NORTH

### GRILLES, REGISTERS, AND DIFFUSERS SCHEDULE

TAG	DESCRIPTION	FACE SIZE	MATERIAL	FINISH	MOUNTING	SUPPLIER	INSTALLER	BASIS FOR DESIGN		NOTES
								MANUFACTURER	MODEL	
CD1	PERFORATED CEILING DIFFUSER	24" x 24"	ALUMINUM	WHITE	LAY-IN	GC	GC	TITUS	PAS-AA	PROVIDE TRIM KIT FOR INSTALLATION IN GYPSUM CEILING. PROVIDE WITH OBD.
CD2	PLAQUE FACE DIFFUSER	24" x 24"	ALUMINUM	WHITE	GYPSUM BOARD	GC	GC	TITUS	OMNI-AA PAR-AA	
EG1	PERFORATED CEILING RETURN	24" x 24"	ALUMINUM	WHITE	LAY-IN	GC	GC	TITUS	PAR-AA	PROVIDE WITH INTEGRAL OBD.
RG1	PERFORATED CEILING RETURN	24" x 24"	ALUMINUM	WHITE	LAY-IN	GC	GC	TITUS	PAR-AA	PROVIDE WITH TRIM KIT FOR INSTALLATION IN GYPSUM CEILING.
RG2	PERFORATED CEILING RETURN	24" x 24"	ALUMINUM	WHITE	GYPSUM BOARD	GC	GC	TITUS	PAR	
SG1	SPIRAL DUCT GRILLE	SEE PLAN	ALUMINUM	WHITE	DUCT MOUNTED	GC	GC	TITUS	S300FS	DOUBLE DEFLECTION WITH SHORT FRONT BLADES. FACTORY PROVIDED WITH OPTIONAL EXTRACTOR, TITUS MODEL ASD (AIR SCOOP DEVICE).
SR2	DOUBLE DIRECTIONAL SUPPLY REGISTER	12" x 10"	ALUMINUM	WHITE	WALL	GC	GC	TITUS	300FL	PROVIDE WITH OBD.

### FAN SCHEDULE

TAG	DRIVE TYPE	EXHAUST FLOW [CFM]	E.S.P. [in W.C.]	WEIGHT [lbs]	ELECTRICAL		FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
					MOTOR POWER	V/P/H			MANUFACTURER	MODEL	
EF-1	DIRECT	450	0.25	45	.18	120/1/60	GC	GC	CAPTIVEAIRE	DR12HFA	FURNISHED WITH DISCONNECT, SPEED CONTROLLER, AND BACKDRAFT DAMPER. PROVIDE WITH 14" HIGH ROOF CURB.

### AIR BALANCE SCHEDULE

TAG	SUPPLY FLOW	OA FLOW	RETURN FLOW	EXHAUST FLOW	PRESSURIZATION
	3,000	450	2,550	0	450
EF-1	0		0	450	-450
EF-2 (E) RESTROOM	0		0	70	-70
EF-3 (E) RESTROOM	0		0	70	-70
RTU-1 (E)	3,800	570	3,230	0	570
TOTALS (CFM)	6,800	1,020	5,780	590	430

### VENTILATION SCHEDULE

(2021 INTERNATIONAL MECHANICAL CODE WITH AMENDMENTS)

CATEGORY	AREA (SF)	OCCUPANCY	OA RATE		OA REQUIRED (CFM)		TOTAL OA REQUIRED (CFM)	EXHAUST REQUIRED (CFM)
			CFM / PERSON	CFM / SF	OCCUPANCY	AREA		
KITCHEN	617	12	7.5	0.12	90	74	205	432
OPERATIONS ROOM	59	1	5.0	0.06	5	4	11	0
RESTROOMS	84	0	0.0	0	0	0	0	140
DINING	913	30	7.5	0.18	225	164	487	0
	1,673	43					702	572

### EXISTING ROOFTOP UNIT SCHEDULE

TAG	NOMINAL CAPACITY (TONS)	AIRFLOW		TOTAL (MBH)	SENSIBLE (MBH)	GROSS COOLING CAPACITY		HEATING CAPACITY			APPROXIMATE WEIGHT (LBS)	ELECTRICAL			MANUFACTURER	MODEL
		TOTAL (CFM)	OA (CFM)			EAT (DEG. F)	DB	WB	INPUT (MBH)	OUTPUT (MBH)		EAT (DEG. F)	MOP	MCA		
(E) RTU-1	10	3,800	570	114000.0 Btu/h	78000.0 Btu/h	79.3	64.8	180	148	60	895	60 A	53.0 A	208/3/60	CARRIER	48TCD012A2A5
(E) RTU-2	7.5	3,000	480	83000.0 Btu/h	61600.0 Btu/h	79.3	64.8	125	103	60	805	60 A	48.0 A	208/3/60	CARRIER	48TCD08A2A5

1. CONTRACTOR TO BALANCE SUPPLY AND OUTSIDE AIRFLOWS TO MATCH SCHEDULE.

### MATERIAL SCHEDULE

CATEGORY	APPLICATION	ALLOWABLE MATERIAL
DUCT	EXPOSED SUPPLY	ROUND AS SHOWN. PAINTED TO MATCH ROOF DECK.
	EXPOSED RETURN	ROUND AS SHOWN. PAINTED TO MATCH ROOF DECK.
	CONCEALED SUPPLY	RECTANGULAR OR ROUND AS SHOWN. INSULATED.
	CONCEALED RETURN	RECTANGULAR OR ROUND AS SHOWN. INSULATED.
	CONCEALED GENERAL EXHAUST	RECTANGULAR OR ROUND AS SHOWN.
PIPING	CONDENSATE DRAINS	TYPE M COPPER TUBE. INSULATED.
	REFRIGERANT PIPING	ACR COPPER TUBING. CLEANED BY THE MANUFACTURER. ENDS CAPPED.

RGF AIR PURIFIERS TO BE PROVIDED BY NATIONAL TAB (NO EXCEPTIONS) AND CONTRACTED BY THE GENERAL CONTRACTOR. INSTALLATION BY OTHERS.

CONTACT:  
WILL TURNBOUGH  
NATIONAL TAB  
WILL@NATIONALTAB.COM  
855-682-6822, EXT. 4.2



sweetgreen

3101 W. EXPOSITION BLVD.  
LOS ANGELES, CALIFORNIA 90018

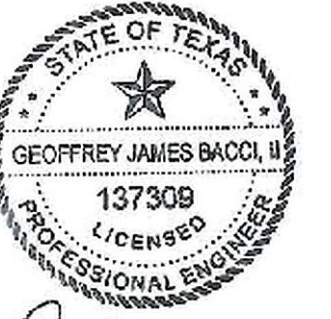
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ENGINEER OF RECORD:

Geoffrey J. Bacci II  
P.E.

1920 MCKINNEY AVENUE 469-722-7774  
7TH FLOOR JOB NO.: 32641  
DALLAS, TX 75201 DESIGNED BY: JTH

STAMP:



Feb 26, 2025  
Geoffrey J. Bacci II, P.E. (F. 21661)  
TX License # 137308

PROJECT INFORMATION:  
**SWEETGREEN VILLAGE AT WESTLAKE**  
PROJECT INFORMATION:  
**701 S CAPITAL OF TEXAS HWY., STE. A050 AUSTIN, TEXAS 78746**

DRAWN BY: JTH  
CHECKED BY: GJB  
PROJECT MANAGER: EDC  
SG DESIGN MANAGER: SC  
SG DM CHECKED BY: DK  
SG CONSTR. MANAGER: DK  
PROJECT NO.: 32641

REVISIONS  
REV. DATE DESCRIPTION

HVAC SCHEDULES

M-201



**sweetgreen**

3101 W. EXPOSITION BLVD.  
LOS ANGELES, CALIFORNIA 90018

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Feb 26, 2025 02/26/2025  
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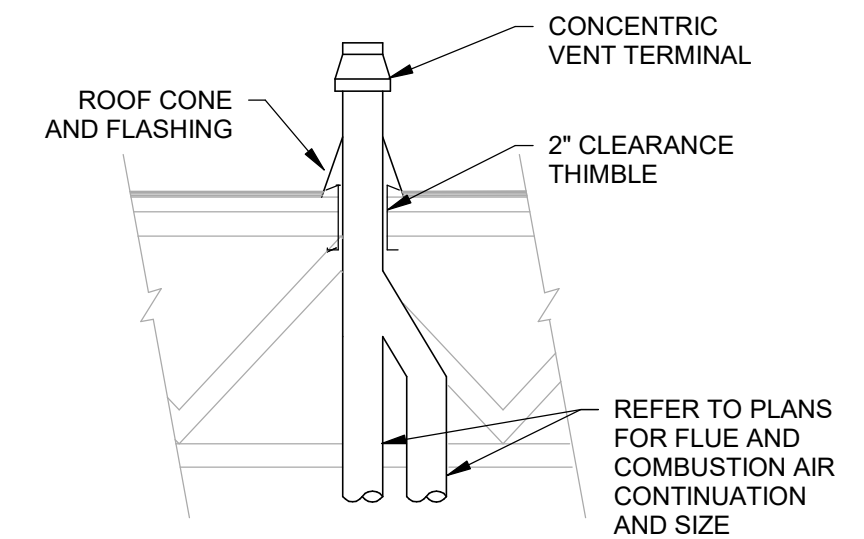
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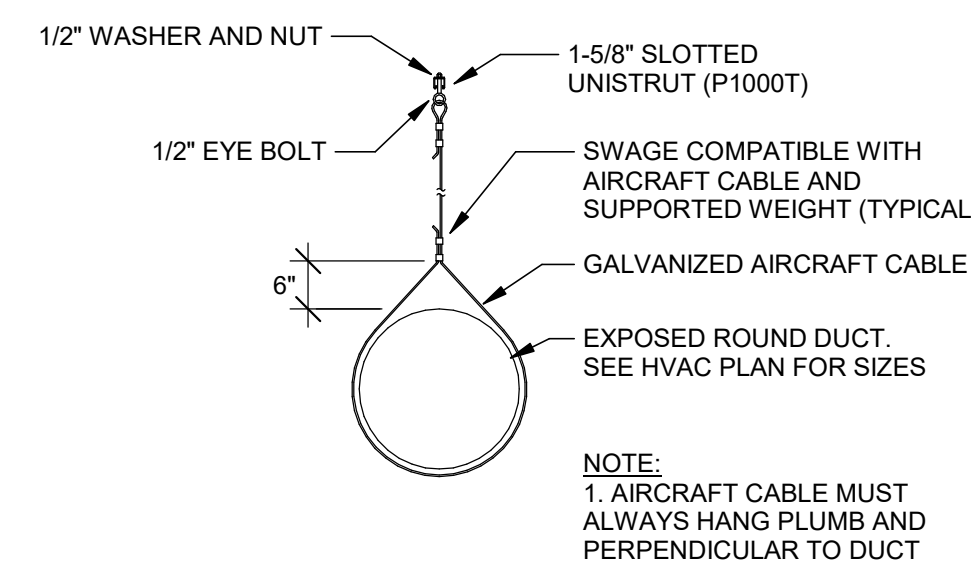
REVISIONS  
REV. DATE DESCRIPTION

**HVAC DETAILS**

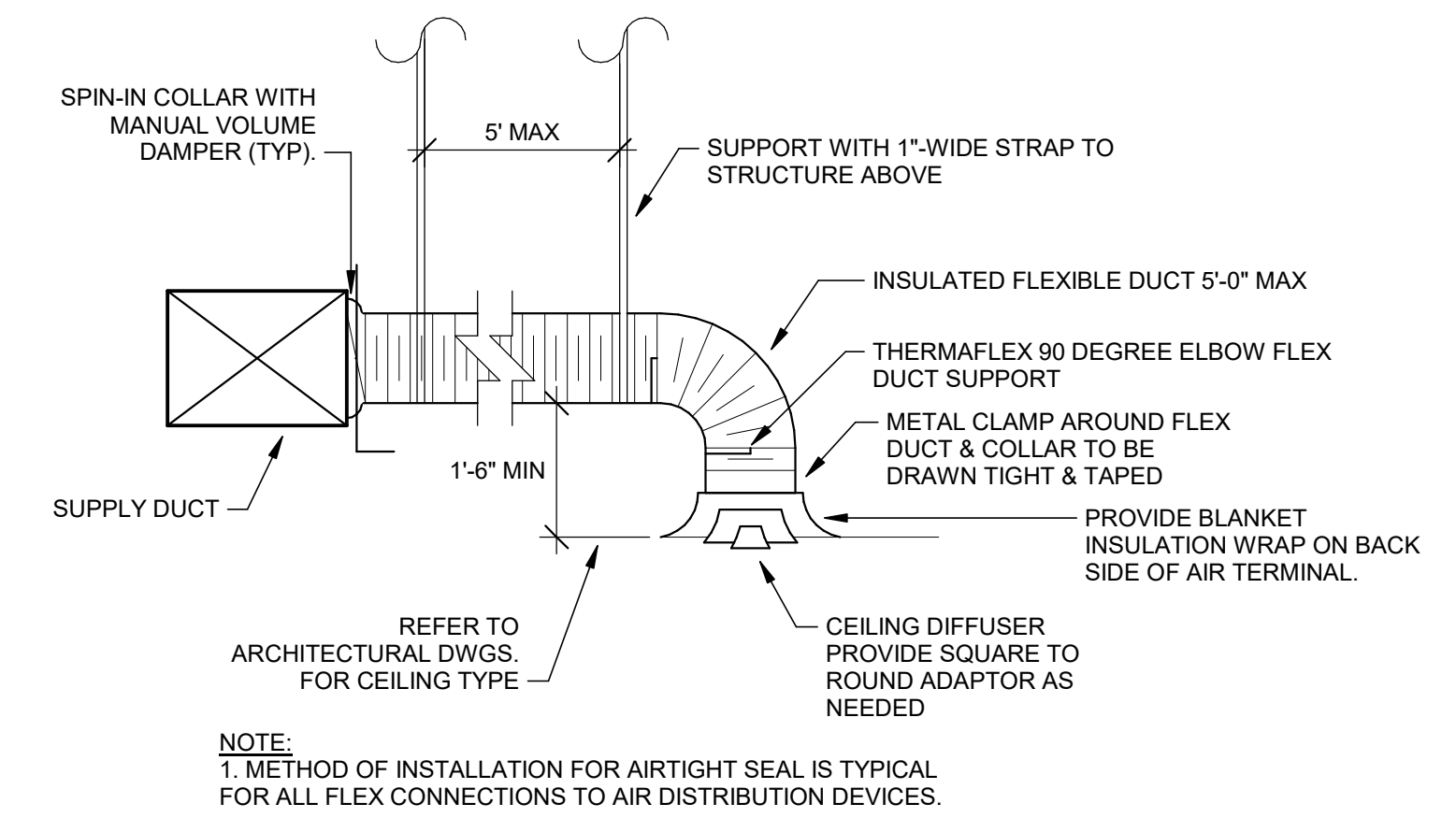
**M-301**



**3 CONCENTRIC VENT THRU ROOF DETAIL**  
N.T.S.



**2 EXPOSED DUCTWORK SUPPORT**  
N.T.S.



**1 DIFFUSER CONNECTION**  
N.T.S.

2/26/2025 8:05:31 PM