

DATE	ISSUE
06.13.2025	PERMIT SET
04.30.2025	CLIENT COMMENTS
04.18.2025	CLIENT COMMENTS
04.14.2025	CLIENT SET
DATE	REVISION

PROJECT NAME / LOCATION  
**CHOPT**  
CREATIVE SALAD CO.  
TRENHOLM  
4840 FOREST DRIVE  
FOREST ACRES, SC 29206  
SUITE 16

PROJECT INFORMATION  
DATE: MAR 17, 2025  
PROJECT NO.: 11769-24  
DRAWN BY: MP  
REVIEWED BY: FP

SHEET TITLE / NUMBER  
MECHANICAL ROOF PLAN

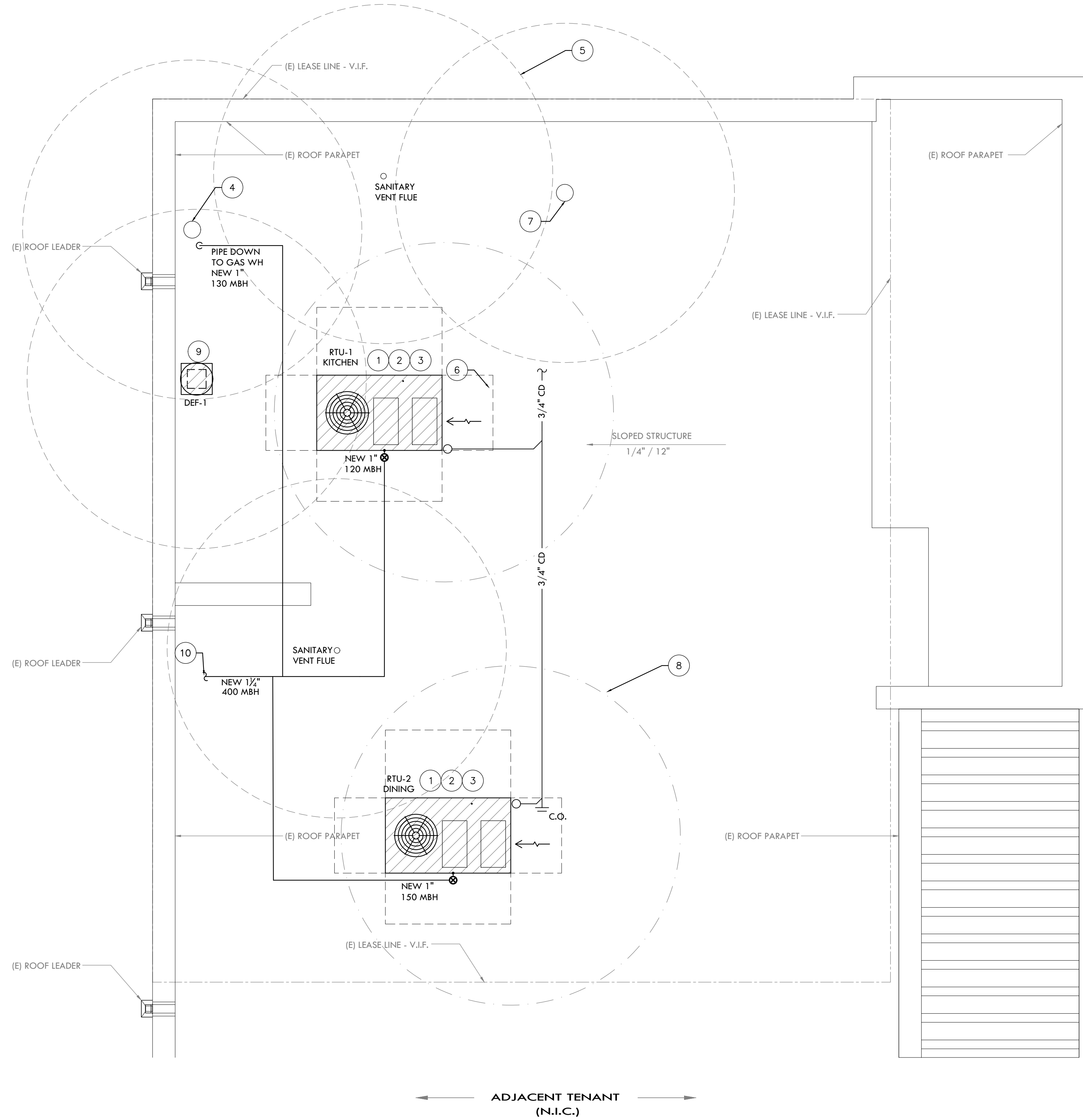
M1.0

**NOTE:**  
LANDLORD SHALL PROVIDE NEW ONE (1) TON OF AIR CONDITIONING PER 150 SQ FT OF PREMISES BY MEANS OF A NEW ROOF-TOP GAS-FIRED AIR HANDLERS OR SPLIT FAN-COIL UNITS (FCU) LOCATED AT MUTUALLY AGREED LOCATIONS TO ACCOMMODATE THE TENANT'S OPERATION AND AT THE LOCATION SHOWN ON SCHEDULE 2. THE NEW UNIT(S) SHALL BE INSTALLED WITH ALL NECESSARY STRUCTURAL SUPPORTS (E.G., ROOF CURBS WITH APPROPRIATE FLASHING AND/OR UNISTRUT HANGING SYSTEM), SUPPLY AND RETURN DUCTS STUBBED THROUGH THE ROOF INTO THE PREMISES (WITH APPROPRIATE FLASHING AND WATERPROOFING) CONTROLS WIRED AND TERMINATED TO MUTUALLY-AGREED LOCATION(S), ELECTRICAL AND GAS FACILITIES CONNECTED & TERMINATED, COMMISSIONED AND STARTED-UP, AND READY FOR TENANT IMMEDIATE USE IN THE PREMISES.

**DEMOLITION SCOPE OF WORK**  
A. REMOVE EXISTING ROOF TOP EQUIPMENT, CONTROLS, AND MISCELLANEOUS MECHANICAL EQUIPMENT NOT INTENDED FOR REUSE. FIELD VERIFY THE EXACT SCOPE PRIOR TO BID. COORDINATE ALL DEMOLITION WORK WITH THE LANDLORD AND GENERAL CONTRACTOR.

**FIELD VERIFY ALL CONDITIONS**  
DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.  
THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTOR'S COST.  
BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

- MECHANICAL KEYNOTES**
- NEW ROOFTOP UNIT REFER TO ROOFTOP UNIT SCHEDULE AND ROOFTOP UNIT DETAIL.
  - ROOF-TOP EQUIPMENT IS DRAWN AND SHALL BE PLACED SUCH THAT THE DISTANCE BETWEEN SERVICEABLE HVAC EQUIPMENT AND BUILDING EDGE IS NOT LESS THAN 10'-0", UNLESS PARAPET IS 42" OR TALLER.
  - FACTORY MOUNTED SMOKE DETECTOR WITHIN RETURN AIR PLENUM OF RTU. PROVIDE A LINE VOLTAGE RELAY WITH WIRING CONFIGURED TO SHUT DOWN UNIT UPON DETECTION OF SMOKE. PROVIDE LOW VOLTAGE WIRING TO REMOTE ANNUNCIATOR.
  - CONCENTRIC FLE UP THRU ROOF TO VENT CAP, FOR GAS WATER HEATER. INSTALL IN COMPLIANCE WITH ALL LOCAL CODES. REFER TO DETAIL 14/P2.0.
  - CIRCLE DENOTES 10'-0" CLEARANCE BORDER FROM EXHAUST SOURCE, TYPICAL.
  - ROUTE CONDENSATE TO NEAREST APPROVED RECEPTAL, TYPICAL.
  - TOILET EXHAUST ROOF CAP. REFER TO DETAIL 6/M2.1.
  - CIRCLE DENOTES 10'-0" CLEARANCE BORDER FROM OUTSIDE AIR INTAKE, TYPICAL.
  - DISHWASHER HOOD EXHAUST FAN. MOTOR TO BE SET FOR 600 CFM OF EXHAUST AIR.
  - EXTEND TO GAS METER, SERVICE TO PROVIDE 400 MBH MINIMUM. VERIFY EXACT LOCATION. VERIFY PIPE ROUTING WITH LANDLORD REPRESENTATIVE.



1 MECHANICAL ROOF PLAN





SECTION 23 05 01.00 - COMMON REQUIREMENTS FOR HVAC

GENERAL PROVISIONS OF THE CONTRACT INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND GENERAL REQUIREMENTS APPLY TO THIS SECTION... THE BASE BID INCLUDES FURNISHING ALL MATERIALS, LABOR, TOOLS, AND EQUIPMENT AND THE PERFORMANCE OF ALL WORK REQUIRED TO INSTALL A COMPLETE HEATING AND AIR CONDITIONING SYSTEM AS OUTLINED HEREIN.

TOGETHER AT ONE TIME, AS ONE COMPLETE SUBMITTAL, DO NOT SEND THE PRODUCT DATA AS ONE SUBMITTAL AND THE OTHER HALF AS A SEPARATE ONE, WHEN RESUBMITTAL IS REQUIRED (E.G. REVISE AND RESUBMIT) THE REVISED SUBMITTAL... SUBMITTAL REQUIREMENTS: PRODUCT DATA FOR EACH TYPE OF PRODUCT INDICATED. SHOP DRAWINGS, FABRICATION AND INSTALLATION DETAILS.

(INDICATED BY E/O ON HGCS SCHEDULE) CONTROLS: ELECTRICAL CONTRACTOR WILL PROVIDE POWER WIRING, HVAC CONTRACTOR SHALL PROVIDE THE LOW VOLTAGE WIRING OF HVAC UNITS AND CONTROLS, THERMOSTATS AND CONTROLLERS... GENERAL: CONTRACT WIRING REQUIREMENTS AND INSTALLATION METHODS EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE ABOVE.

VIEW, BY LOCATING IN MECHANICAL SHEDS, HOLLOW WALL CONSTRUCTION OR ABOVE CEILING. CEILING JOISTS, DO NOT EXCEED HORIZONTAL RUNS IN SPACES OTHER THAN EXCEPT AS SPECIFICALLY SHOWN... SUBMITTAL REQUIREMENTS: PRODUCT DATA FOR EACH TYPE OF PRODUCT INDICATED. GENERAL: PROVIDE CENTRIFUGAL ROOM TYPE, CURB MOUNTED, POWER VENTILATORS OF TYPE, MOTOR AND CAPACITY AS SPECIFIED BY THE FOLLOWING TYPES.

SIZE OF 1/4 INCH THICK STEEL PLATE. RUBBER GASKET FOR EACH HANGER. A. MOLDED RUBBER DESIGNED FOR 0.5 INCHES (13 MM) DEFLECTION WITH THREADED INSERT. CLASSIFIED FIBER PADS: A. NEOPRENE JACKETED PRE-COMPRESSED MOLDED GLASS FIBER. B. NEOPRENE NON-DIRECTIONAL AND DOUBLE ACTING UNIT CONSISTING OF INTERLOCKING STEEL MEMBERS RESTRAINED BY NEOPRENE ELEMENTS.

461 FROM ROAD, PARAMAR, NJ 07652 1973.253.9393 - WWW.SARGENTANDMPW.COM ARCHITECTURAL SEAL: MPW ENGINEERING, LLC CERTIFICATE OF AUTHORITY #3064. MEP ENGINEER: MPW Engineering No. 3054. STRUCTURAL ENGINEER: MPW Engineering No. 42980. DATE / ISSUE: 06.13.2025 PERMIT SET, 04.18.2025 CLIENT COMMENTS, 04.14.2025 CLIENT SET. PROJECT NAME / LOCATION: TRENHOLM 4840 FOREST DRIVE FOREST ACRE, SC 29206 SUITE 16. MECHANICAL SPECIFICATIONS: M3.0.



