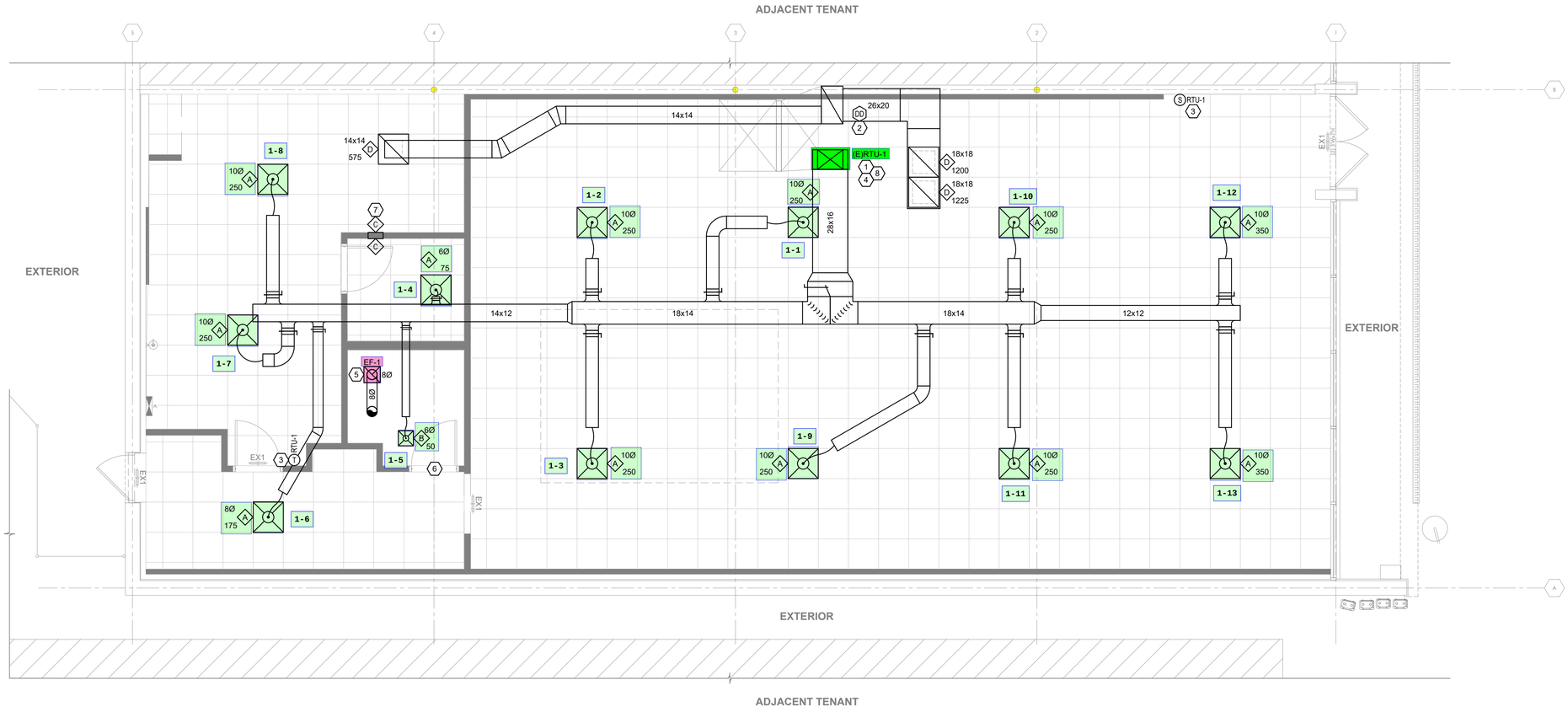

1 MECHANICAL FLOOR PLAN

1/4" = 1'-0"

FIELD VERIFY ALL CONDITIONS

DESIGN DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS. WHERE EXISTING CONDITIONS EXIST THAT PREVENT COMPLETION OF WORK, CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD.

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 LEGEND

MANUAL BALANCING DAMPER TO BE PLACED IN ACCESSIBLE LOCATION

NOTE: SEE SHEET M102 FOR MECHANICAL SCHEDULES AND SHEET M501 FOR MECHANICAL DETAILS

KEYED NOTES

##	NOTES
1	EXISTING ROOFTOP UNIT. CONNECT NEW DUCTWORK TO SUPPLY AND RETURN DROPS DOWN THRU ROOF. VERIFY EXACT LOCATION IN FIELD.
2	PROVIDE NEW DUCT MOUNTED SMOKE DETECTOR WITH REMOTE TEST STATION IN THE RETURN DUCT UPSTREAM OF ANY FILTERS. DETECTOR SHALL SHUT DOWN UNIT UPON DETECTION OF SMOKE. INSTALL REMOTE TEST STATION IN CEILING GRID BENEATH UNIT.
3	PROVIDE NEW "HONEYWELL" MODEL TH8321WF1001 OR EQUAL WALL MOUNTED PROGRAMMABLE THERMOSTAT. MOUNT AT 48" A.F.F. PROVIDE REMOTE SENSORS MOUNTED AT 60" A.F.F. FOR TEMPERATURE BALANCING. CONFIRM THERMOSTAT IS COMPATIBLE WITH EXISTING RTU BEFORE ORDERING.
4	EXISTING CONDENSATE LINE TO REMAIN.
5	NEW CEILING MOUNTED EXHAUST FAN. ROUTE EXHAUST DUCT UP THROUGH ROOF. MAINTAIN 10'-0" FROM ANY FRESH AIR INTAKE. PROVIDE GOOSENECK FITTING WITH INSECT SCREEN AT DISCHARGE. PROVIDE INSULATED DUCT CURB AT ROOF PENETRATION. SEE EXHAUST FAN SCHEDULE ON SHEET M102 AND DETAIL A2 ON SHEET M501.
6	UNDERCUT DOOR A MINIMUM OF 1" (MAXIMUM 1-1/4".)
7	PROVIDE NEW TRANSFER GRILLE THRU OFFICE/BOH WALL. INSTALL TOP OF GRILLE 6" BELOW FINISHED CEILING. SEE SCHEDULE FOR SIZE.
8	EXISTING GAS LINE AND METER TO REMAIN.

GENERAL NOTES

A. ALL ROOF WORK IS TO BE DONE BY THE LANDLORD'S ROOFING CONTRACTOR AND AT THE TENANT'S EXPENSE.

B. ALL DUCTWORK SHALL BE GALVANIZED SHEETMETAL PER SMACNA STANDARDS. NO DUCTBOARD PERMITTED.

C. ALL DUCT WORK SHALL BE INSULATED WITH A MINIMUM R-6 INSULATION FOR INTERIOR DUCTWORK AND A MINIMUM R-8 INSULATION FOR EXTERIOR DUCTWORK PER IECC (IN CALIFORNIA PROVIDE MINIMUM R-8 INTERIOR / EXTERIOR.)

D. PROVIDE INSULATED FLEXIBLE DUCT CONNECTIONS TO DIFFUSERS. FLEX DUCT LENGTH NOT TO EXCEED 5 FT.

E. VERIFY THE EXACT MOUNTING FRAME REQUIRED FOR EACH DIFFUSER.

F. PROVIDE ALL MANUAL BALANCE DAMPERS REQUIRED TO BALANCE THE ENTIRE SYSTEM.

G. ALL NEW RESTROOM DOORS SHALL BE UNDERCUT A MINIMUM 1". TENANT GENERAL CONTRACTOR SHALL ENSURE THAT EXISTING DOORS COMPLY.

H. PROVIDE AND SIZE CONDENSATE LINES AS REQUIRED. ROUTE TO NEAREST ROOF DRAIN WHERE PERMITTED, ELSE TO THE NEAREST APPROVED RECEPTOR.

I. MODIFY THE SPRINKLER SYSTEM (WHERE EXISTING) TO ACCOMMODATE NEW FLOOR PLAN LAYOUT PER NFPA 13. REPLACE SPRINKLER HEADS AS REQUIRED. ALL HEADS IN THE SALES AREA ARE TO BE CONCEALED PENDANT TYPE. NON-SALES AREAS ARE TO BE PENDANT TYPE. CONTACT THE LANDLORD FOR ADDITIONAL REQUIREMENTS AND A LIST OF APPROVED FIRE PROTECTION CONTRACTORS.

J. REPLACE FILTERS PRIOR TO TURNOVER.

K. PROVIDE RFI/RFQ TO P.M. & ARCHITECT FOR ALL DISCREPANCIES PRIOR TO COMMENCING WORK.

L. TENANT GENERAL CONTRACTOR SUB TO PROVIDE REDLINES OF ALL DEVIATIONS FROM THE PLANS AND PROVIDE A COMPLETE TEST & BALANCE REPORT AS REQUIRED BY THE CONTRACT.

WHEN REQUIRED, IT IS THE OWNER'S RESPONSIBILITY TO CONTRACT WITH A COMMISSIONING AUTHORITY TO COMPLY WITH LOCAL CODES.

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(817) 672-7562

SEAL:

STATE OF OHIO
CLAYTON LUCAS
E-89734
REGISTERED
PROFESSIONAL ENGINEER
08/04/2025

CONTRACTOR'S NOTES:

WRITTEN DIMENSIONS HOLD PREFERENCE OVER SCALED DIMENSIONS. DO NOT SCALE THE DRAWINGS. THE CONTRACTORS MUST VISIT JOB SITE TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE SUBMITTING BIDS. REPORT ANY DISCREPANCIES OF ANY CONDITIONS WHICH MAY INTERFERE WITH THE PROPER EXECUTION OF, THE CONTRACT TO THE TENANT'S REPRESENTATIVE. REPORT DISCREPANCIES DURING BIDDING PROCESS AND BEFORE START OF CONSTRUCTION. CHANGE ORDERS NEED TO BE APPROVED BY THE CONSTRUCTION MANAGER FOR ISSUES ARISING FROM THE FIELD CONDITIONS OR CONFLICTS BETWEEN THE PLANS AND THE EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.

	DATE	ISSUE
△	DATE	REVISION

LOCATION:

Consumer Cellular®

8466 BEECHMONT AVE,
CINCINNATI, OH 45255

STORE NUMBER:

OH04

PROJECT INFORMATION:

DATE: 08/06/2025
PROJECT NUMBER: 13045 - 25
STORE TYPE: TIER 2
DRAWN BY: HO REVIEWED BY: GEG

TITLE:

MECHANICAL FLOOR PLAN

SHEET NUMBER:

M101