NOTE:
EXISTING CONDITIONS WERE TAKEN FROM SITE VISITS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

ALL HVAC EQUIPMENT AND CONTROLS MUST BE LOCATED FOR PROPER ACCESS FOR MAINTENANCE AND REPAIR, WHETHER INSTALLATION IS EXISTING OR NEW. EXISTING EQUIPMENT AND CONTROLS SHALL BE RELOCATED BY THIS CONTRACTOR IF REQUIRED.

NOTE: MECHANICAL SCOPE INCLUDES INTERIOR ALTERATION OF EXISTING TENANT SPACE BY INSTALLATION OF NEW DUCTWORK AND DIFFUSERS AS SHOWN ON PLANS.

NOTE: ALL DUCT SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS. SEE SPECIFICATIONS FOR INSULATION REQUIREMENTS.

KEYNOTE SYMBOLS: (1 , 2 , X)

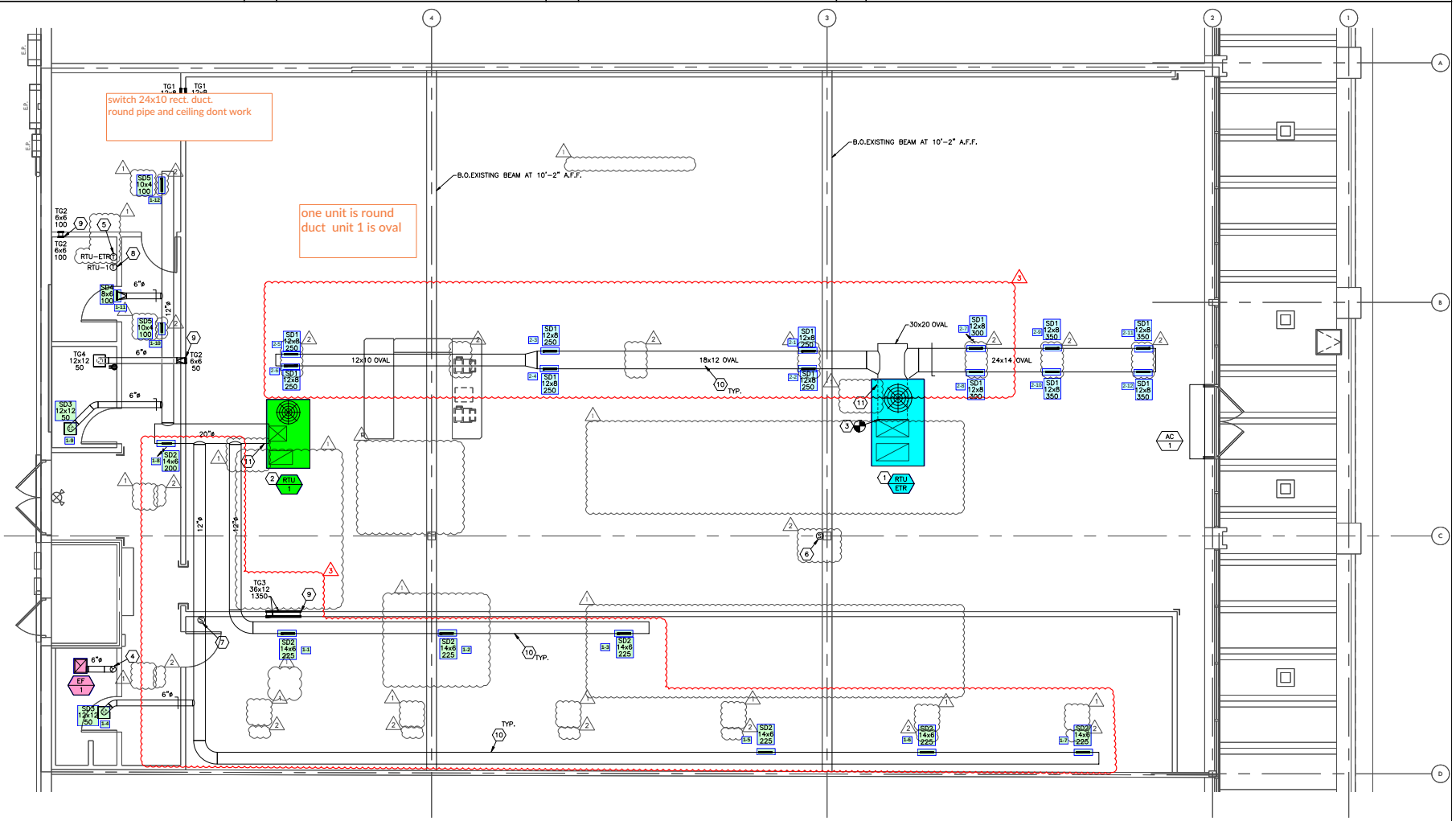
1. REUSE EXISTING 10 TON ROOFTOP UNIT. FIELD VERIFY EXACT LOCATION OF DUCT DROPS INTO THE SPACE AND COORDINATE AS NECESSARY. BALANCE SUPPLY AIR TO 3500 CFM AND MINIMUM OUTDOOR AIR TO 1175 CFM. CLEAN AND REFURBISH UNIT TO LIKE NEW CONDITION. UPDATE EXISTING IDENTIFICATION PLACARDS PER CBI STANDARDS.
2. REPLACE EXISTING ROOFTOP UNIT WITH NEW PER RTU SCHEDULE. FIELD VERIFY EXACT LOCATION OF DUCT DROPS INTO THE SPACE AND COORDINATE AS NECESSARY.
3. CONNECT NEW DUCT TO EXISTING. CLEAN AND REFURBISH EXISTING TO LIKE NEW CONDITION.
4. REPLACE EXISTING EXHAUST FAN WITH NEW PER SCHEDULE. ROUTE EXHAUST DUCT THRU ROOF AND PENETRATE WITH ROOF VENT CAP.
5. RELOCATE EXISTING THERMOSTAT TO LOCATION SHOWN. INSTALL AT ADA MOUNTING HEIGHT.
6. PROVIDE TEMPERATURE SENSOR MOUNTED ON COLUMN AS HIGH AS POSSIBLE FOR EXISTING ROOFTOP UNIT AND CONNECTED TO RELOCATED THERMOSTAT IN MANAGER'S OFFICE.
7. PROVIDE TEMPERATURE SENSOR MOUNTED NEAR TRANSFER GRILLE FOR RTU-1 AND CONNECTED TO THERMOSTAT IN MANAGER'S OFFICE.
8. PROVIDE NEW PROGRAMMABLE THERMOSTAT FOR RTU-1 IN LOCATION SHOWN.
9. MOUNT TRANSFER GRILLE ON WALL AS HIGH AS POSSIBLE. INSTALL GRILLES WITH LOUVERS IN OPPOSED DIRECTIONS TO SHIELD FROM LIGHT TRANSFER.
10. DUCTWORK TO BE INSTALLED TIGHT TO DECK/STRUCTURE ABOVE. WHERE POSSIBLE, DUCTWORK SHALL BE ROUTED THROUGH JOIST WEBS. CONTRACTOR TO VERIFY DUCT SIZING AND ROUTING PRIOR TO FABRICATION.
11. ACTUATION OF SMOKE DETECTOR SHALL ACTIVE A VISIBLE AND AUDIBLE SIGNAL IN AN APPROVED LOCATION. DUCT SMOKE DETECTOR TROUBLE CONDITIONS SHALL ACTIVATE A VISIBLE OR AUDIBLE SIGNAL IN AN PPROVED LOCATION AND SHALL BE IDENTIFIED AS AIR DUCT DETECTOR TROUBLE PER SECTION 606.4.1 EXCEPTION 2 OF THE OHIO MECHANICAL CODE. CONTRACTOR TO COORDINATE APPROVED LOCATION WITH LANDLORD.

5 - SCALE: N/A

4 - SCALE: N/A

3 GENERAL NOTES SCALE: N/A

2 MECHANICAL KEYNOTES SCALE: N/A



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

snipes

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ACERTUS CONSULTING GROUP LLC

PROFESSIONAL SEAL

DESCRIPTION	DATE	DWR	APP
CD/PERMIT ISSUANCE	11/10/23	AR/GG	RT
REV 1 CITY / OWNER COMMENTS	12/08/23	AR/GG	RT
REV 2 CITY / OWNER COMMENTS	01/26/24	AR/GG	RT
REV 3 OWNER COMMENTS - FOR CONSTRUCTION	03/13/24	AR/GG	RT

PROJECT NUMBER
23128

MECHANICAL PLAN

M1.0