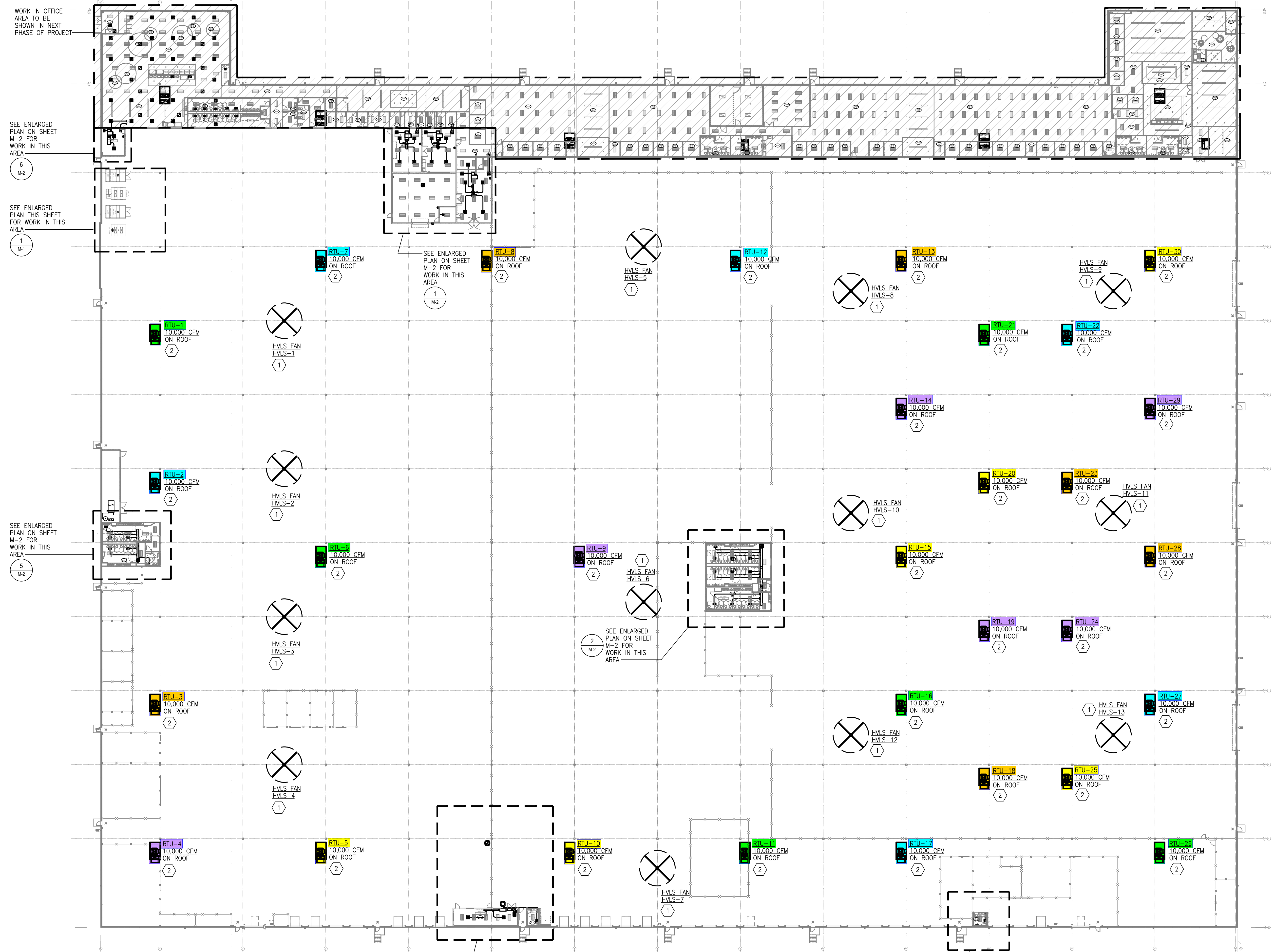
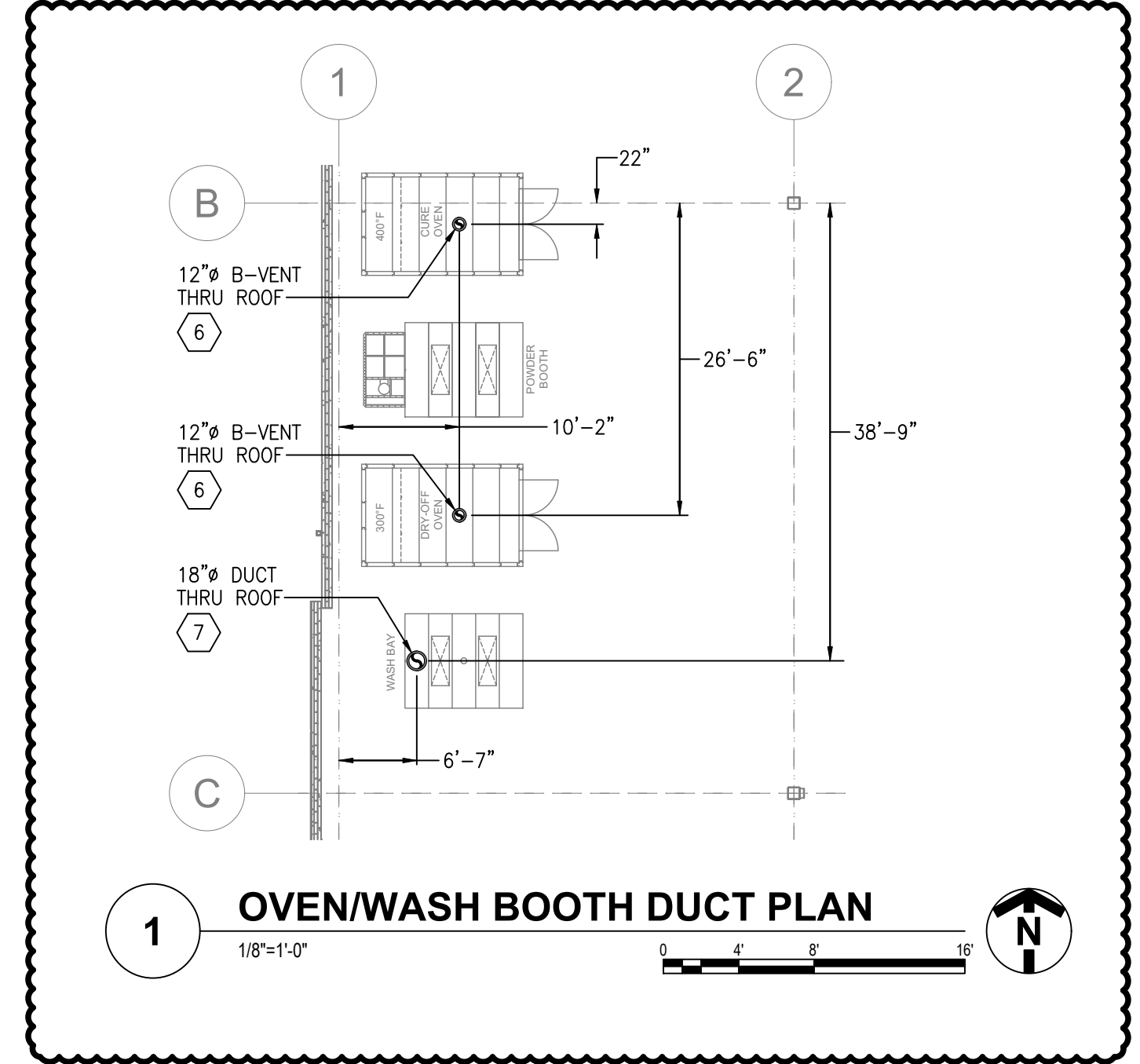


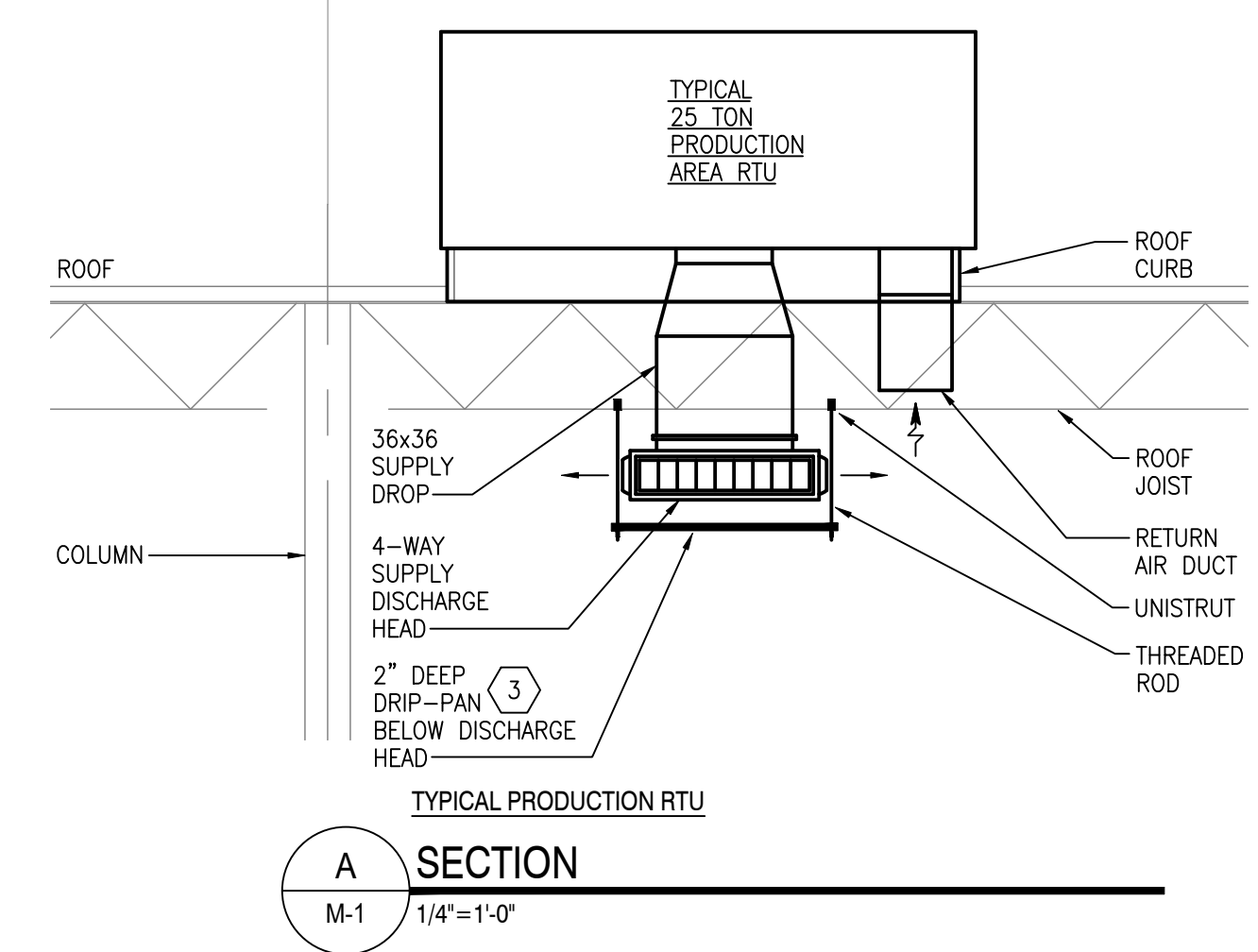
- KEYNOTES**
- HVLS FAN DESIGN, FINAL LOCATION AND INSTALLATION TO BE PERFORMED BY HVLS FAN VENDOR. FANS SHOWN ON THIS PLAN FOR REFERENCE ONLY.
 - SEE DETAILS THIS SHEET FOR INSTALLATION AND DUCT TERMINATION, THERMOSTAT AND ALL CONTROLS TO BE PROVIDED BY SCHNEIDER ELECTRIC.
 - PROVIDE DRIP PAN BELOW DISCHARGE HEAD TO CAPTURE ANY CONDENSATE DRIPPING. MOUNT 4" BELOW DISCHARGE HEAD.
 - SEE STRUCTURAL DRAWINGS FOR ROOF FRAMING.
 - SEE DETAIL THIS SHEET FOR SECTION VIEW OF INSTALLATION OF UNIT AND DUCTWORK.
 - TERMINATE ON ROOF WITH B-VENT CAP MIN. 36" ABOVE ROOF LEVEL. PENETRATE ROOF WITH ROOF CURB. FLASH TO ROOF AS REQUIRED.
 - TERMINATE WITH GOOSENECK AND BIRDSCREEN ON ROOF. TERMINATE MIN. 36" ABOVE ROOF LEVEL. PENETRATE ROOF WITH ROOF CURB. FLASH TO ROOF AS REQUIRED.



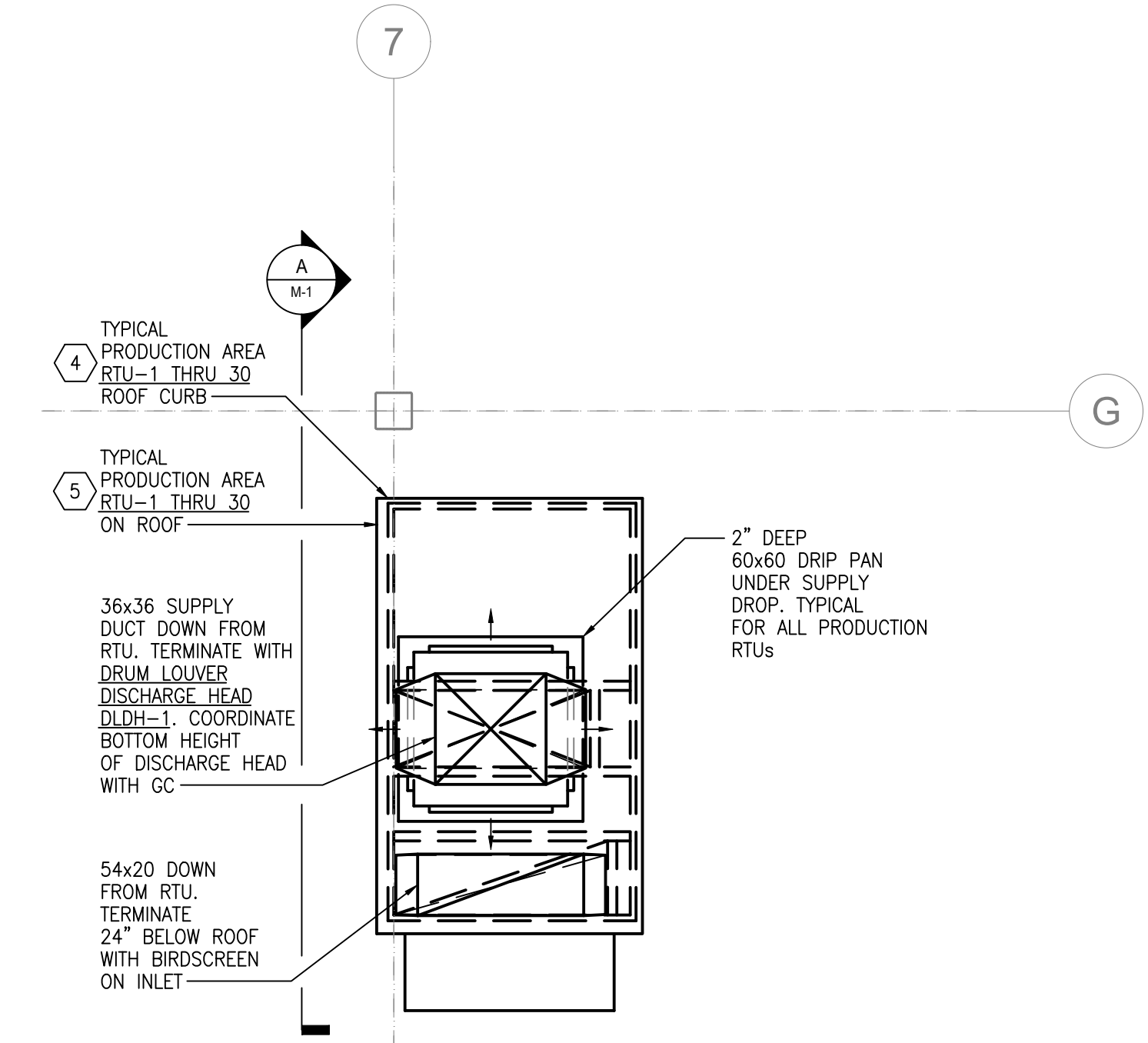
OVERALL HVAC FLOOR PLAN
1/32"=1'-0"



OVERWASH BOOTH DUCT PLAN
1/8"=1'-0"



SECTION
A
1/4"=1'-0"



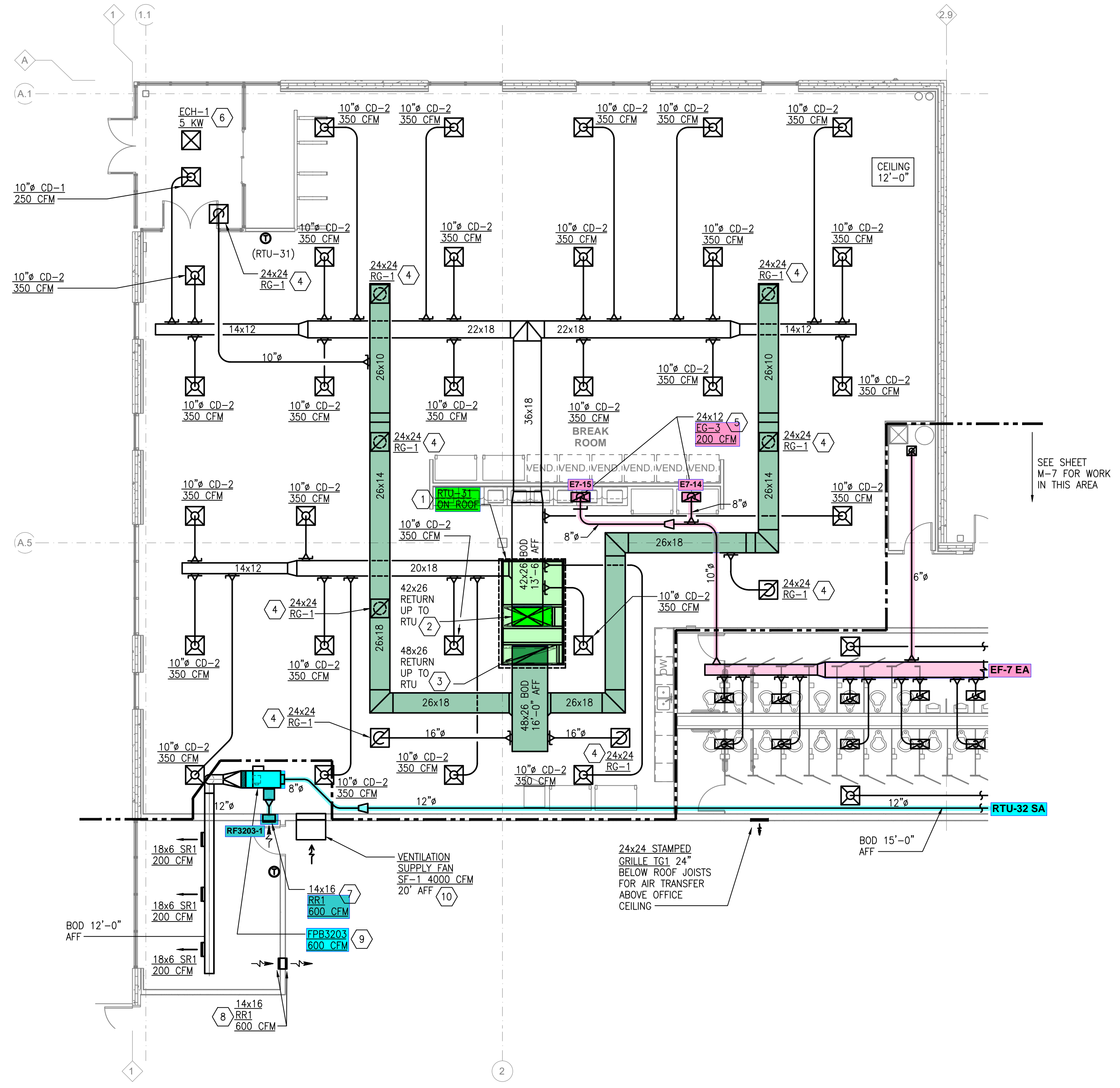
TYPICAL ENLARGED PRODUCTION RTU PLAN
1/4"=1'-0"

DATE	BY	ISSUE/REVISION
3-21-25	CKB	ISSUED FOR PERMIT
4-21-25	CKB	REVISED HVLS FAN LAYOUT
7-11-25	CKB	ADDED VENTS THRU ROOF

ESTD 1951
PERFECTION GROUP

OVERALL HVAC FLOOR PLAN
HVAC RENOVATIONS FOR:
ENERGIZE TI SCHNEIDER ELECTRIC
8210 SEWARD ROAD
FAIRFIELD, OHIO 45011

JOB NO.: 25025
SCALE: AS NOTED
DATE: 3-20-25
DRAWN BY: CKB
APPROVED BY: CSL
DRAWING NUMBER:
M-1
REVISION NO.: 2

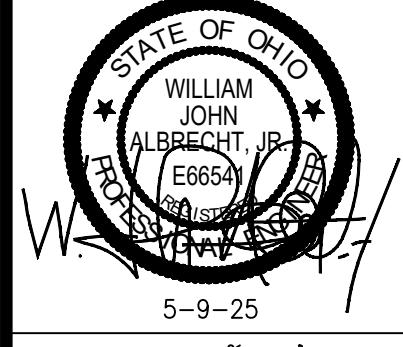


RTU-31 HVAC FLOOR PLAN
1/8" = 1'-0"

KEYNOTES

- 1 RTU INSTALLED ON 14" ROOF CURB.
- 2 VERTICAL SUPPLY DROP FROM RTU TO BE INTERNALLY LINED WITH 1" INSULATION. DUCT SIZE SHOWN IS OUTSIDE DIMENSIONS. ALL HORIZONTAL SUPPLY DUCTWORK AFTER ELBOW AT BOTTOM OF VERTICAL DROP TO BE EXTERNALLY INSULATED.
- 3 VERTICAL RETURN DROP FROM RTU TO BE INTERNALLY LINED WITH 1" INSULATION. DUCT SIZE SHOWN IS OUTSIDE DIMENSIONS. ALL HORIZONTAL RETURN DUCTWORK AFTER ELBOW AT BOTTOM OF VERTICAL DROP TO BE UN-INSULATED.
- 4 PROVIDE 8" DEEP PLENUM BOX ON TOP OF GRILLE FOR CONNECTION OF BRANCH DUCT.
- 5 EXHAUST GRILLE OVER MICROWAVES. COORDINATE INSTALLATION WITH OTHER TRADES. PROVIDE 8" DEEP PLENUM BOX ON TOP OF GRILLE FOR CONNECTION OF BRANCH DUCT.
- 6 INSTALL HEATER FLUSH IN CEILING.
- 7 INSTALL GRILLE DIRECTLY OFF SIDE OF FAN POWERED BOX IN EAA LAB WALL.
- 8 PROVIDE GRILLE ON BOTH SIDES OF WALL. MOUNT 10'-0" AFF.
- 9 CONTROLS AND THERMOSTAT INSTALLATION TO BE PERFORMED BY SCHNEIDER ELECTRIC CONTROLS GROUP. ENSURE BOX IS INSTALLED ALLOWING CODE REQUIRED CLEARANCE IN FRONT OF ANY ELECTRIC ACCESS POINT.
- 10 FAN TO RUN CONTINUOUSLY.

DATE	BY	ISSUE/REVISION
5-9-25	CKB	ISSUED FOR PERMIT
8-11-25	CKB	FINAL FOR CONSTRUCTION
8-25-25	CKB	UPDATED VAN BOX INLET SIZES

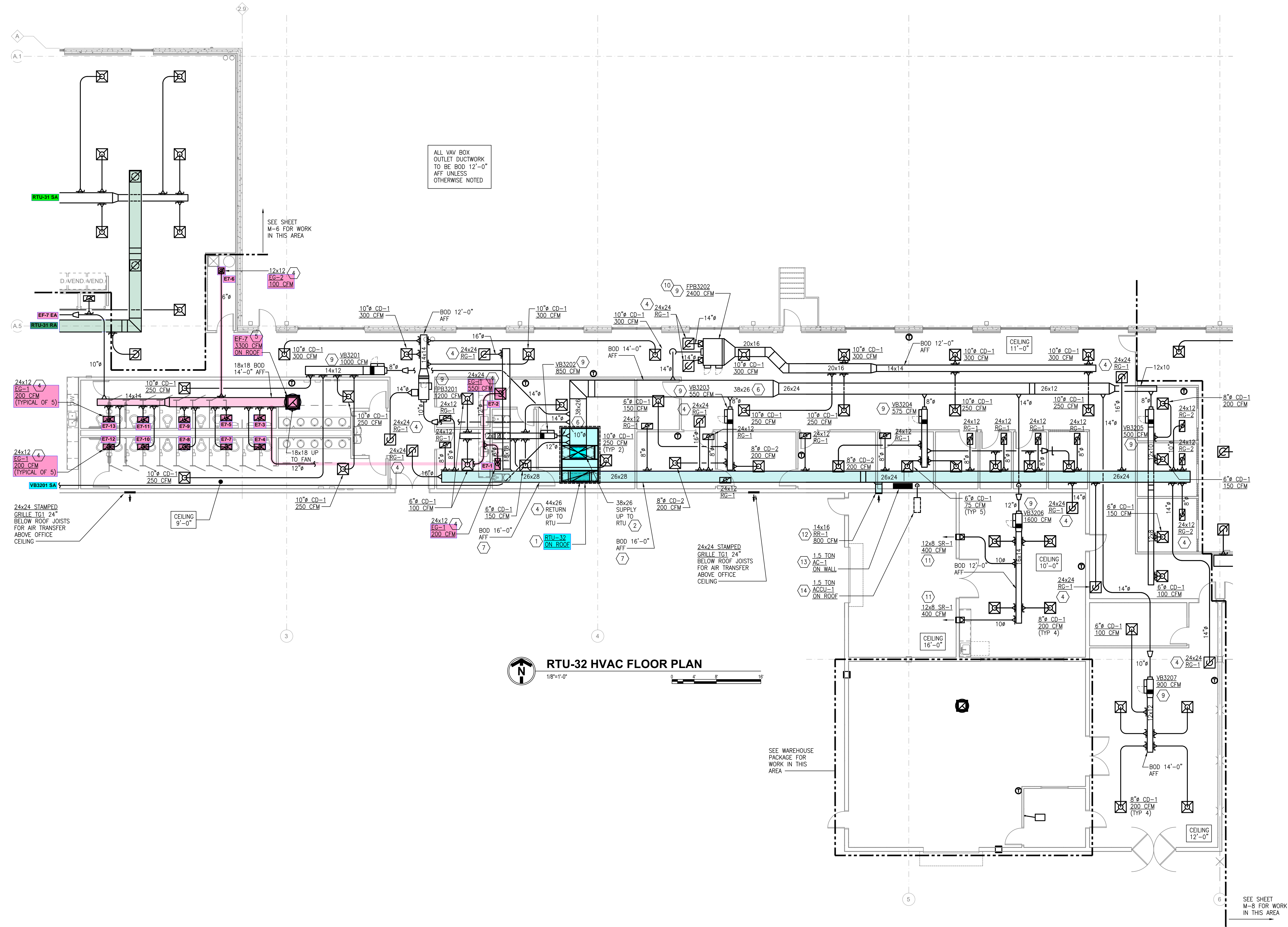


NOTICE: CONSULTING ENGINEER HAS REVIEWED THIS DRAWING FOR CONFORMANCE WITH THE PROFESSIONAL ENGINEERING ACT AND RULES OF THE BOARD OF ENGINEERING EXAMINERS OF THE STATE OF OHIO. THIS REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DRAWING AND DOES NOT CONSTITUTE A GUARANTEE OR WARRANTY OF ANY KIND. THE CONSULTING ENGINEER SHALL BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THE INFORMATION PROVIDED TO HIM OR HER BY THE CLIENT AND FOR THE PROVISION OF ALL NECESSARY PERMITS.



RTU-31 HVAC FLOOR PLAN
HVAC RENOVATIONS FOR:
FL1B - ENERGIZE TI SCHNEIDER ELECTRIC
8210 SEWARD ROAD
FAIRFIELD, OHIO 45011

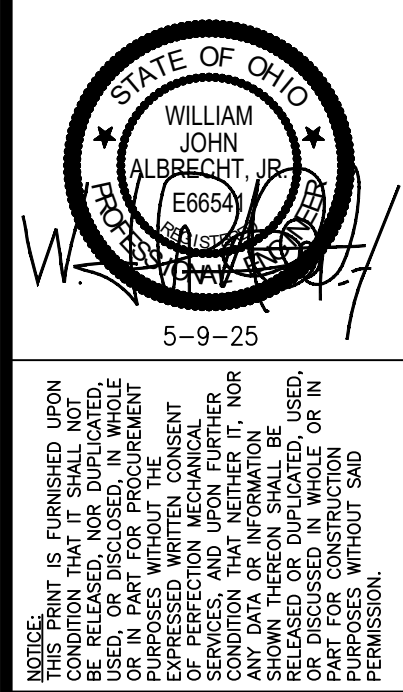
JOB NO.: 25025
SCALE: AS NOTED
DATE: 4-25-25
DRAWN BY: CKB
APPROVED BY: CSL
DRAWING NUMBER:
M-6
REVISION NO.: 2



RTU-32 HVAC FLOOR PLAN
1/8"=1'-0"

- KEYNOTES**
- 1 RTU INSTALLED ON 14" ROOF CURB.
 - 2 VERTICAL SUPPLY DROP FROM RTU TO BE INTERNALLY LINED WITH 1" INSULATION. DUCT SIZE SHOWN IS OUTSIDE DIMENSIONS. ALL HORIZONTAL SUPPLY DUCTWORK AFTER ELBOW AT BOTTOM OF VERTICAL DROP TO BE EXTERNALLY INSULATED.
 - 3 VERTICAL RETURN DROP FROM RTU TO BE INTERNALLY LINED WITH 1" INSULATION. DUCT SIZE SHOWN IS OUTSIDE DIMENSIONS. ALL HORIZONTAL RETURN DUCTWORK AFTER ELBOW AT BOTTOM OF VERTICAL DROP TO BE UN-INSULATED.
 - 4 PROVIDE 8" DEEP PLENUM BOX ON TOP OF GRILLE FOR CONNECTION OF BRANCH DUCT.
 - 5 EXHAUST FAN INSTALLED ON 14" ROOF CURB. PROVIDE GRAVITY DAMPER TRAY AT FAN INLET. FAN TO BE CONNECTED TO AND SCHEDULED THRU BAS BY SCHNEIDER ELECTRIC CONTROLS GROUP.
 - 6 SUPPLY DUCTWORK TO BE EXTERNALLY INSULATED.
 - 7 RETURN DUCTWORK TO BE UN-INSULATED.
 - 8 COORDINATE DUCT HEIGHT CROSSING RETURN MAIN TO ALLOW FOR CEILING HEIGHT OF SPACE.
 - 9 CONTROLS AND THERMOSTAT INSTALLATION TO BE PERFORMED BY SCHNEIDER ELECTRIC CONTROLS GROUP. ENSURE BOX IS INSTALLED ALLOWING CODE REQUIRED CLEARANCE IN FRONT OF ANY ELECTRIC ACCESS POINT.
 - 10 COORDINATE INSTALLATION OF LARGE FAN POWERED BOX WITH OTHER TRADES.
 - 11 MOUNT ON WALL 12'-0" AFF.
 - 12 MOUNT ON WALL 6" BELOW CEILING.
 - 13 MOUNT ON WALL 8'-0" AFF. ROUTE CONDENSATE TO OUTDOORS THRU EXTERIOR WALL. TERMINATE ON SPLASH BLOCK.
 - 14 MOUNT ON ROOF WITH ROOF RAILS. ROUTE LINESET AND POWER CABLE TO AC-1 AS REQUIRED.

DATE	ISSUE/REVISION
5-8-25	CKB ISSUED FOR PERMIT
7-1-25	CKB GENERAL AIR DISTRIBUTION REVISION
8-11-25	CKB FINAL FOR CONSTRUCTION
8-25-25	CKB UPDATED VAV BOX INLET SIZES

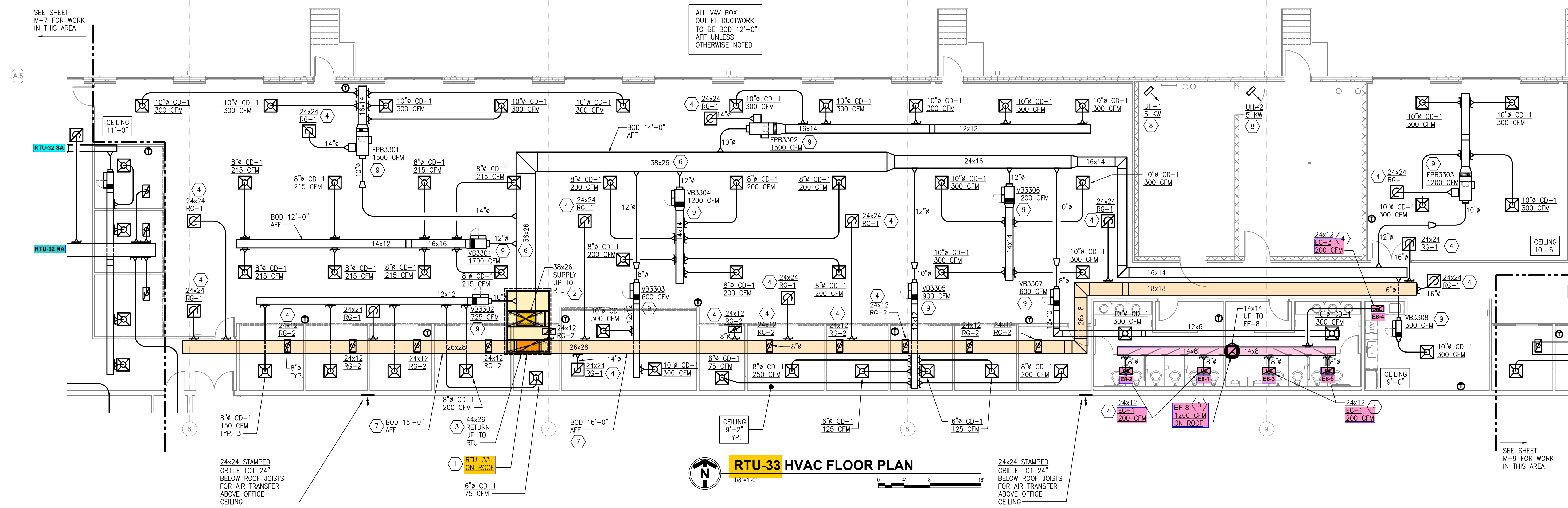


RTU-32 HVAC FLOOR PLAN
HVAC RENOVATIONS FOR:
FL1B - ENERGIZE TI SCHNEIDER ELECTRIC
8210 SEWARD ROAD
FAIRFIELD, OHIO 45011

JOB NO.: 25025
SCALE: AS NOTED
DATE: 4-25-25
DRAWN BY: CKB
APPROVED BY: CSL
DRAWING NUMBER:
M-7
REVISION NO.: 3

KEYNOTES

- 1 RTU INSTALLED ON 14" ROOF CURB.
- 2 VERTICAL SUPPLY DROP FROM RTU TO BE INTERNALLY LINED WITH 1" INSULATION. DUCT SIZE SHOWN IS OUTSIDE DIMENSIONS. ALL HORIZONTAL SUPPLY DUCTWORK AFTER ELBOW AT BOTTOM OF VERTICAL DROP TO BE EXTERNALLY INSULATED.
- 3 VERTICAL RETURN DROP FROM RTU TO BE INTERNALLY LINED WITH 1" INSULATION. DUCT SIZE SHOWN IS OUTSIDE DIMENSIONS. ALL HORIZONTAL RETURN DUCTWORK AFTER ELBOW AT BOTTOM OF VERTICAL DROP TO BE EXTERNALLY INSULATED.
- 4 PROVIDE 8" DEEP PLENUM BOX ON TOP OF GRILLE FOR CONNECTION OF BRANCH DUCT.
- 5 EXHAUST FAN INSTALLED ON 14" ROOF CURB. PROVIDE GRAVITY DAMPER TRAY AT FAN INLET. FAN TO BE CONNECTED TO AND SCHEDULED THRU BAS BY SCHNEIDER ELECTRIC CONTROLS GROUP.
- 6 SUPPLY DUCTWORK TO BE EXTERNALLY INSULATED.
- 7 RETURN DUCTWORK TO BE UN-INSULATED.
- 8 COORDINATE DUCT HEIGHT CROSSING RETURN MAIN TO ALLOW FOR CEILING HEIGHT OF SPACE.
- 9 CONTROLS AND THERMOSTAT INSTALLATION TO BE PERFORMED BY SCHNEIDER ELECTRIC CONTROLS GROUP. ENSURE BOX IS INSTALLED ALLOWING CODE REQUIRED CLEARANCE IN FRONT OF ANY ELECTRIC ACCESS POINT.



RTU-33 HVAC FLOOR PLAN
1/8"=1'-0"

DATE	BY	ISSUE/REVISION
5-8-25	CKB	ISSUED FOR PERMIT
8-11-25	CKB	FINAL FOR CONSTRUCTION
8-25-25	CKB	UPDATED VAV BOX INLET SIZES



NOTES: 1. CONTRACTOR SHALL VERIFY ALL CONDITIONS OF WORK PRIOR TO COMMENCEMENT OF WORK. 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL MECHANICAL CODE (NMC). 3. ALL MATERIALS AND EQUIPMENT SHALL BE APPROVED BY THE ARCHITECT AND THE ENGINEER. 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES. 5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITIES AND STRUCTURES AT ALL TIMES.

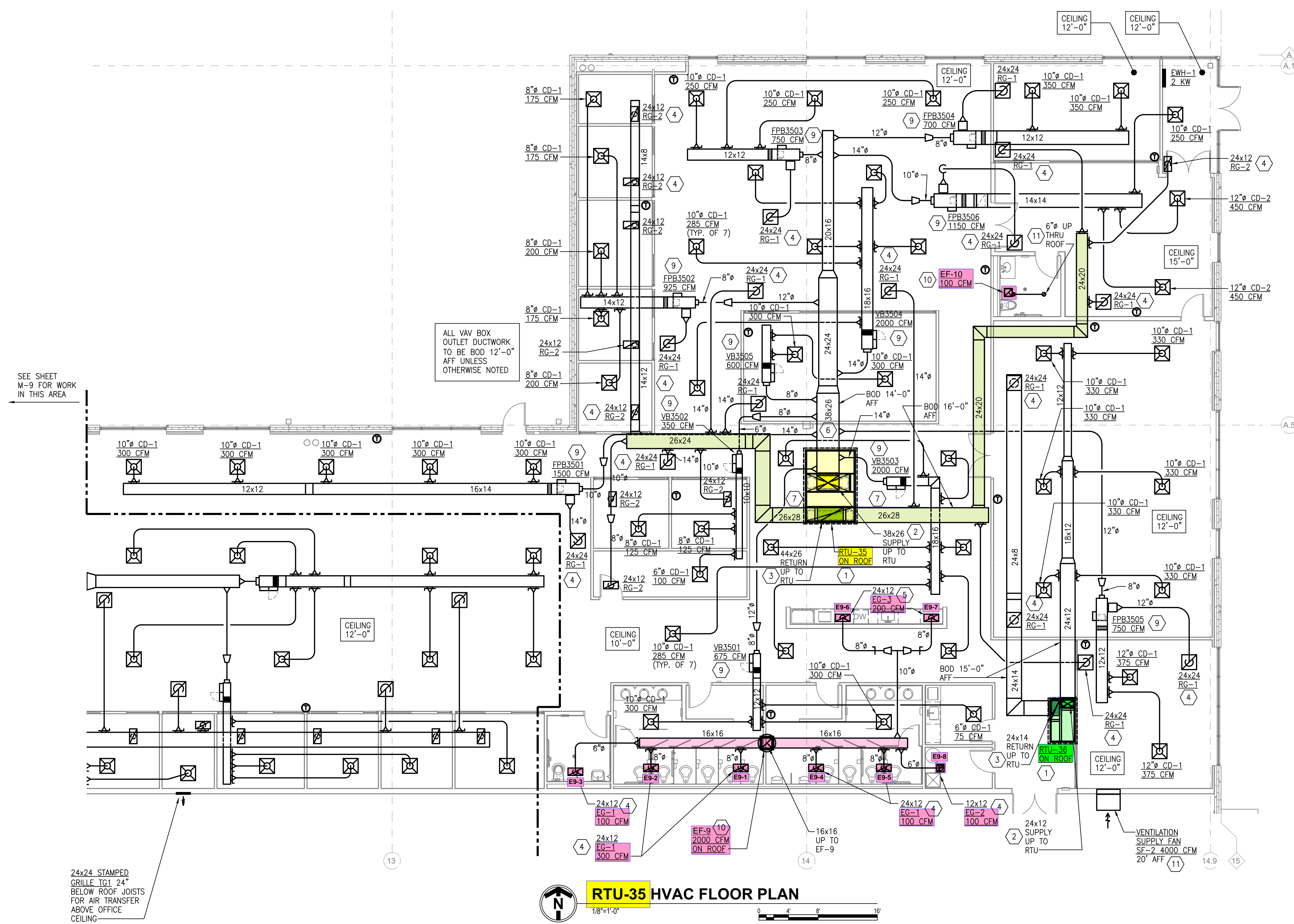


RTU-33 HVAC FLOOR PLAN
HVAC RENOVATIONS FOR:
FL1B - ENERGIZE TI SCHNEIDER ELECTRIC
8210 SEWARD ROAD
FAIRFIELD, OHIO 45011

JOB NO.: 25025
SCALE: AS NOTED
DATE: 4-25-25
DRAWN BY: CKB
APPROVED BY: CSL
DRAWING NUMBER:
M-8
REVISION NO.: 2

KEYNOTES

- RTU INSTALLED ON 14" ROOF CURB.
- VERTICAL SUPPLY DROP FROM RTU TO BE INTERNALLY LINED WITH 1" INSULATION. DUCT SIZE SHOWN IS OUTSIDE DIMENSIONS. ALL HORIZONTAL SUPPLY DUCTWORK AFTER ELBOW AT BOTTOM OF VERTICAL DROP TO BE EXTERNALLY INSULATED.
- VERTICAL RETURN DROP FROM RTU TO BE INTERNALLY LINED WITH 1" INSULATION. DUCT SIZE SHOWN IS OUTSIDE DIMENSIONS. ALL HORIZONTAL RETURN DUCTWORK AFTER ELBOW AT BOTTOM OF VERTICAL DROP TO BE EXTERNALLY INSULATED.
- PROVIDE 8" DEEP PLENUM BOX ON TOP OF GRILLE FOR CONNECTION OF BRANCH DUCT.
- EXHAUST GRILLE OVER MICROWAVES. COORDINATE INSTALLATION WITH OTHER TRADES. PROVIDE 8" DEEP PLENUM BOX ON TOP OF GRILLE FOR CONNECTION OF BRANCH DUCT.
- SUPPLY DUCTWORK TO BE EXTERNALLY INSULATED.
- RETURN DUCTWORK TO BE UN-INSULATED.
- COORDINATE DUCT HEIGHT CROSSING RETURN MAIN TO ALLOW FOR CEILING HEIGHT OF SPACE.
- CONTROLS AND THERMOSTAT INSTALLATION TO BE PERFORMED BY SCHNEIDER ELECTRIC CONTROLS GROUP. ENSURE BOX IS INSTALLED ALLOWING CODE REQUIRED CLEARANCE IN FRONT OF ANY ELECTRIC ACCESS POINT.
- EXHAUST FAN INSTALLED ON 14" ROOF CURB. PROVIDE GRAVITY DAMPER TRAY AT FAN INLET. FAN TO BE CONNECTED TO AND SCHEDULED THRU BAS BY SCHNEIDER ELECTRIC CONTROLS GROUP.
- FAN TO RUN CONTINUOUSLY.



ALL VAV BOX OUTLET DUCTWORK TO BE BOD 12'-0" AFF UNLESS OTHERWISE NOTED

SEE SHEET M-9 FOR WORK IN THIS AREA

24x24 STAMPED GRILLE TO 24" BELOW ROOF JOISTS FOR AIR TRANSFER ABOVE OFFICE CEILING

RTU-35 HVAC FLOOR PLAN
1/8"=1'-0"

DATE	BY	ISSUE/REVISION
5-9-25	CKB	ISSUED FOR PERMIT
7-1-25	CKB	REVISED RTU-35/ADDED RTU-36
8-11-25	CKB	FINAL FOR CONSTRUCTION
8-25-25	CKB	UPDATED VAV BOX INLET SIZES



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RTU-35 HVAC FLOOR PLAN
HVAC RENOVATIONS FOR:
FL1B - ENERGIZE TI SCHNEIDER ELECTRIC
8210 SEWARD ROAD
FAIRFIELD, OHIO 45011

JOB NO.: 25025
SCALE: AS NOTED
DATE: 4-25-25
DRAWN BY: CKB
APPROVED BY: CSL
DRAWING NUMBER:
M-10
REVISION NO.: 3