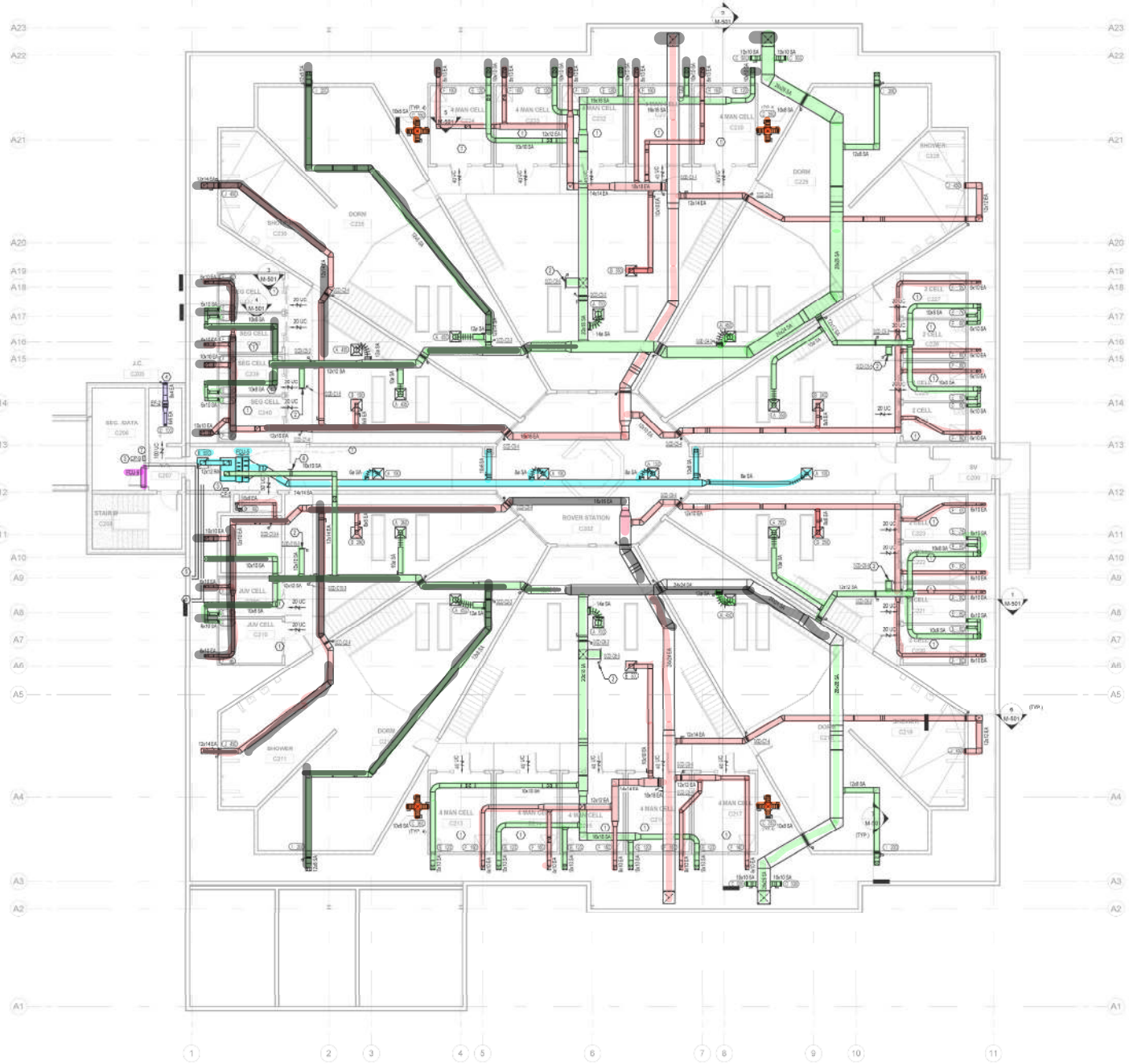

1 UPPER TIER MECHANICAL PLAN - AREA C
Scale: 1/8" = 1'-0"

KEYED NOTES

1	SUPPLY AND EXHAUST GRILLE LOCATIONS SHOWN FOR REFERENCE ONLY. REFER TO CELL MANUFACTURER DRAWINGS FOR EXACT SUPPLY AND EXHAUST GRILLE LOCATIONS. CONNECT DUCTWORK TO BACKSIDE OF CELLS. VOLUME DAMPERS ARE INTEGRAL TO GRILLES.
2	REFER TO M-321C FOR DUCTWORK CONTINUATION.
3	ROUTE CONDENSATE TO NEAREST HUB DRAIN. REFER TO PLUMBING DRAWINGS FOR HUB DRAIN LOCATIONS.
4	PROVIDE 8x4 BRICK VENT. BASIS OF DESIGN RUSKIN BV100 OR APPROVED EQUAL.
5	ROUTE R/S/R/L PIPING FROM CONDENSING UNIT TO FCU. REFER TO M-111C FOR CONTINUATION.
6	BALANCE DAMPER TO 500 CFM.

GENERAL NOTES:

1. PROVIDE DUCT SECURITY BARS AT ALL DUCT PENETRATIONS LARGER THAN 96 THROUGH SECURE BARRIERS PER THE FLORIDA MODEL JAIL STANDARDS SECTION 17.5.4. REFER TO ARCHITECTURAL FOR SECURE BARRIER LOCATIONS.
2. ALL DUCTS ASSOCIATED WITH SMOKE CONTROL SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FBC 606.10.2. FOR EXAMPLE, DUCT SUPPORTS & DUCT MATERIALS SHALL BE INCREASED IN GAUGE THICKNESS TO COMPLY AND DAMPER ACTUATORS SHALL HAVE FIRE RATED ENCLOSURES. DUCTS ASSOCIATED WITH SMOKE CONTROL SYSTEMS INCLUDE ALL DUCTWORK CONNECTED TO SMOKE EXHAUST AND/OR SMOKE MAKE-UP FANS.
3. REFER TO M-363 SERIES SMOKE CONTROL DRAWINGS FOR SMOKE CONTROL DUCTWORK.
4. SECURE GRILLES SHALL BE PROVIDED IN ALL SECURE CELLINGS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. TEMPERATURE SENSORS IN ALL SECURE AREAS SHALL BE WALL FLUSHMOUNT WITH TAMPER-PROOF CONSTRUCTION AND SCREWS SIMILAR TO THE HONEYWELL C7772.
6. ALL SMOKE CONTROL DUCTWORK LOCATED OUTSIDE THE SMOKE ZONE SERVED BY THE DUCTWORK SHALL BE FIRE WRAPPED. FIRE WRAP SHALL BE MINIMUM 1 HOUR RATED.

Dewl
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THINK. LISTEN.

Professional Seals

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Christopher Floegel

KEY PLAN

COLUMBIA COUNTY DETENTION FACILITY
389 NW Quinten St, Lake City, FL 32055

SCALE: As indica

No.	Descriptio
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REVISIONS

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APPROVED BY
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DATE

TITLE

UPPER
HVAC P
AREA

PROJECT NO.

M-12

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