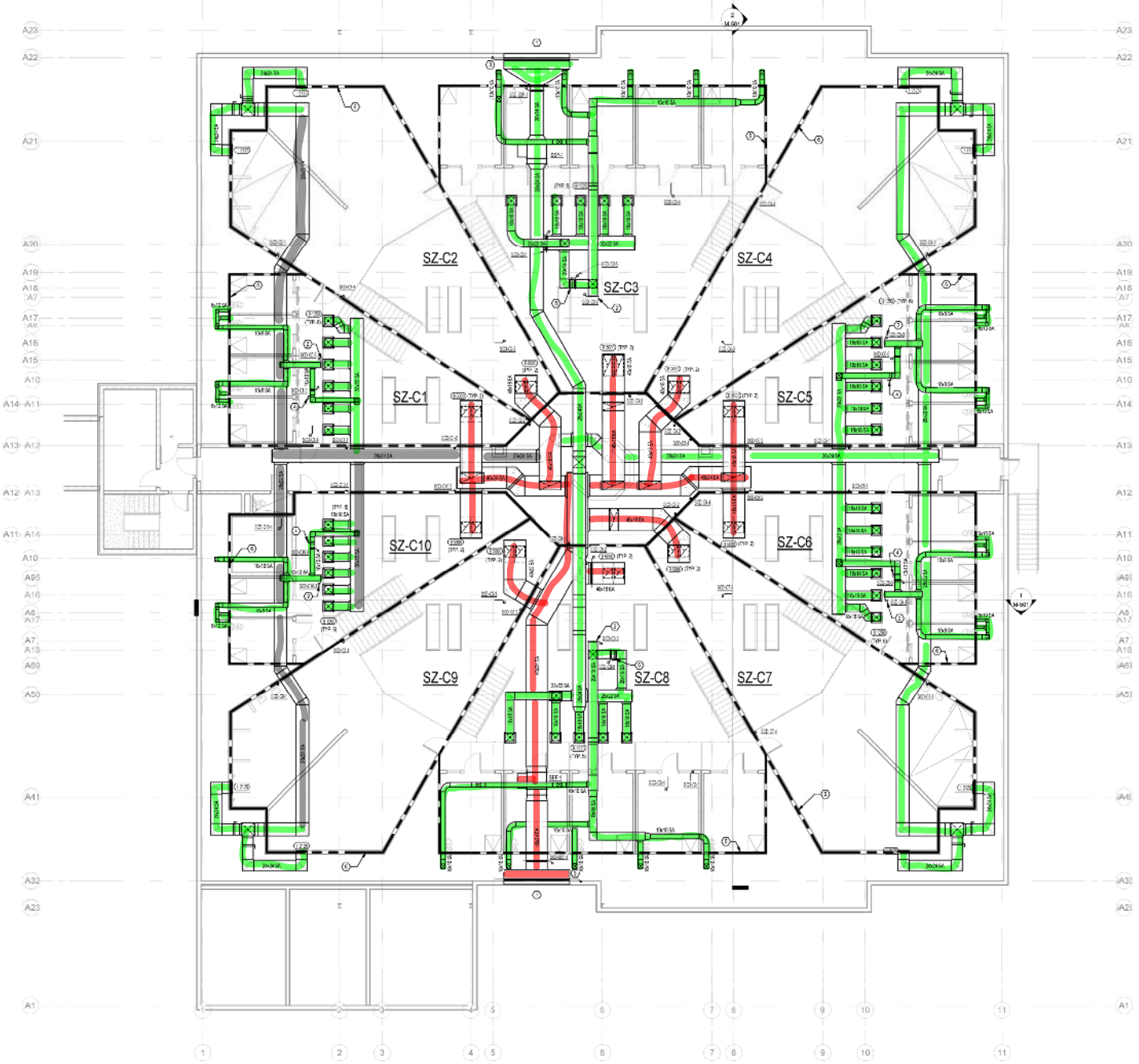

1 UPPER TIER SMOKE CONTROL PLAN - AREA C
Scale: 1/8" = 1'-0"

KEYED NOTES

1	PROVIDE LOUVER WITH MIN. 20 SQ. FT. FREE AREA. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE AND LOCATION
2	REFER TO SS-12HC FOR ELECTRICAL CONNECTION
3	PROVIDE SECURITY BARS AT LOUVER. REFER TO DETAIL 3/M-706
4	BALANCE DAMPER TO 1,600 CFM
5	BALANCE DAMPER TO 2,400 CFM
6	BOUNDARY OF SMOKE CONTROL ZONE

GENERAL NOTES:

1. PROVIDE DUCT SECURITY BARS AT ALL DUCT PENETRATIONS LARGER THAN 96 SQ THROUGH SECURE BARRIERS PER THE FLORIDA MODEL JAIL STANDARDS SECTION 17.5 & REFER TO ARCHITECTURAL FOR SECURE BARRIER LOCATIONS.

2. ALL DUCTS ASSOCIATED WITH SMOKE CONTROL SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FBC 606.1.2.2. FOR EXAMPLE: DUCT SUPPORTS & DUCT MATERIALS SHALL BE INCREASED IN GAUGE THICKNESS TO COMPLY AND DAMPER ACTUATORS SHALL HAVE FIRE RATING, ACCORDING. DUCTS ASSOCIATED WITH SMOKE CONTROL SYSTEMS INCLUDE ALL DUCTWORK CONNECTED TO SMOKE EXHAUST AND/OR SMOKE MAKE UP FANS

3. REFER TO M-500 SERIES SMOKE CONTROL DRAWINGS FOR SMOKE CONTROL DUCTWORK.

4. SOUND GRILLES SHALL BE PROVIDED IN ALL SECURE CELLS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5. TEMPERATURE SENSORS IN ALL SECURE AREAS SHALL BE WALL FLUSH MOUNT WITH TAMPER-PROOF CONSTRUCTION AND SCREWS SIMILAR TO THE HONEYWELL C775.

6. ALL SMOKE CONTROL DUCTWORK LOCATED OUTSIDE THE SMOKE ZONE SERVED BY THE DUCTWORK SHALL BE RATED WITH THE WRAP SHALL BE MINIMUM 1 HOUR RATED.

Dewl
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32803-3251

Ajax
10065 Fixed Road South, Suite 2
Lakeland, FL 33897

TLC ENG
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THINK. LISTEN.

Professional Seal:

Christopher J. Fl
State of Fl
Professional E
License No.

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Christopher Flo

KEY PLAN

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

SCALE As indica

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	ISSUED FOR PE

REVISIONS

DRAWN BY
APPROVED BY
CHECKED BY
DATE

TITLE
UPPER
SMOKE CO
PLAN - A

PROJECT NO.

M-32

SHEET NO.

DESTROY AFTER USE