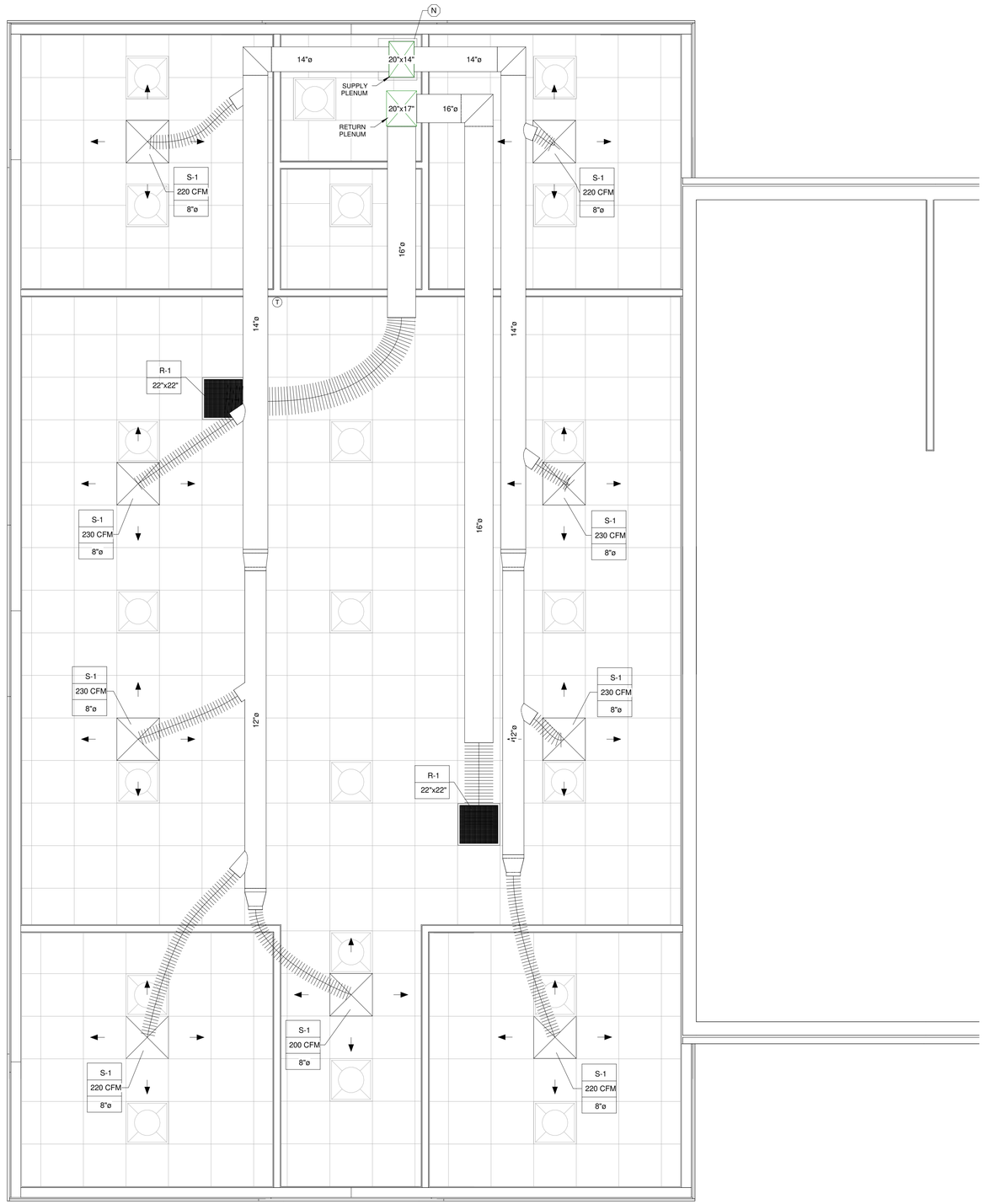

1 Mechanical Plan
3/8" = 1'-0"

TABLE M-1
DUCT CONSTRUCTION MINIMUM SHEET METAL GAGES

RECTANGULAR DUCTS		
MAXIMUM SIDE (INCHES)	STEEL (MINIMUM GALVANIZED SHEET GAGE)	ALUMINUM (MINIMUM B&S GAGE)
THROUGH 12 13 THROUGH 30 31 THROUGH 54 55 THROUGH 84 OVER 84	26 (0.022 in.) 24 (0.028 in.) 22 (0.034 in.) 20 (0.040 in.) 18 (0.052 in.)	24 (0.020 in.) 22 (0.025 in.) 20 (0.032 in.) 18 (0.040 in.) 16 (0.051 in.)

ROUND DUCTS			
DIAMETER (INCHES)	STEEL (MINIMUM GALVANIZED SHEET GAGE)		
	SPIRAL SEAM DUCT	LONGITUDINAL SEAM DUCT	FITTINGS
THROUGH 12 13 THROUGH 18 19 THROUGH 28 29 THROUGH 36 37 THROUGH 52	28 (0.019 in.) 26 (0.022 in.) 24 (0.028 in.) 22 (0.034 in.) 20 (0.040 in.)	26 (0.022 in.) 24 (0.028 in.) 22 (0.034 in.) 20 (0.040 in.) 18 (0.052 in.)	26 (0.022 in.) 24 (0.028 in.) 22 (0.034 in.) 20 (0.040 in.) 18 (0.052 in.)

MECHANICAL LEGEND

- (T) THERMOSTAT
- SUPPLY AIR DIFFUSER
- RETURN AIR

Air Terminal Schedule

Mark	Count	Description	Manufacturer	Model	Finish	Comments
DV-1	3	Dormer Vent With Full Size Louver (Pitch 8:12)	American Louver and Vent Company	TGV81248	White	Or Equal
R-1	2	Return Grille - Egg-Crate - Equal to Titus	Titus	50F		Or Equal
S-1	9	High Performance Square Cone Diffuser	Titus	TMS		Or Equal

Mechanical Equipment Schedule

Mark	Count	Description	Manufacturer	Model	HEATING CAP	COOLING TOTAL CAP	Comments
N	1	5 Ton HVAC Unit.	Trane	TAM7B0C60H51SC			Or Equal

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Atlanta, GA 30309
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No.	Description	Date

PROFESSIONAL SEAL

MODULAR CONSTRUCTION

CLIENT
Grace Baptist Church

PROJECT NAME
Building Addition

SHEET TITLE
Mechanical Plan

PROJECT NUMBER

ADDRESS
4020 Hwy. 81
McDonough GA

GENESIS NO. -
DRAWING NO. -
GBF PROJECT NO.
DATE 06/12/2024
PROFESSIONAL IN CHARGE
PROJECT MANAGER
DRAWN BY TD
QUALITY CONTROL -

03-M1

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Scale As indicated

4/8/2025 1:41:23 PM