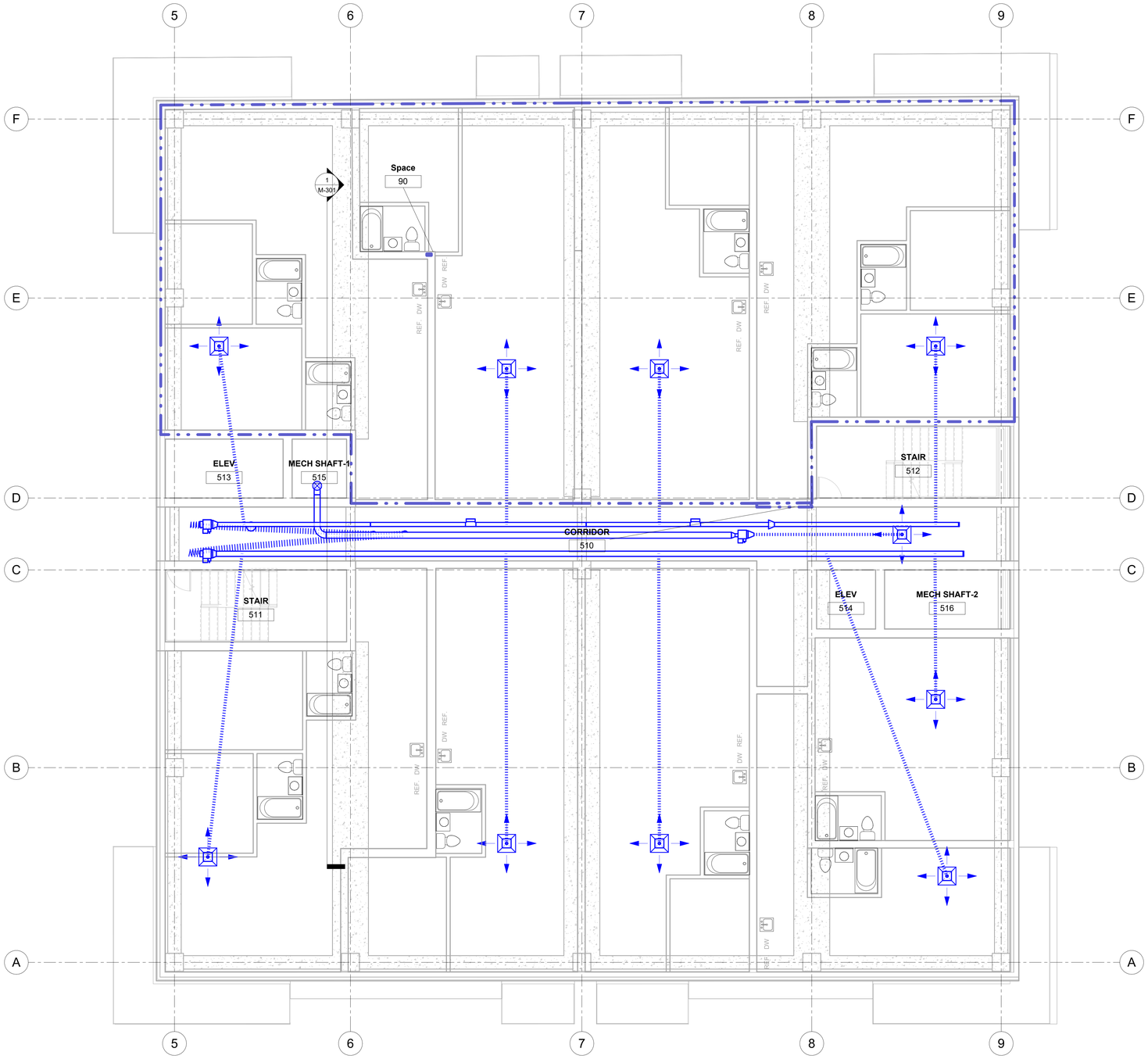


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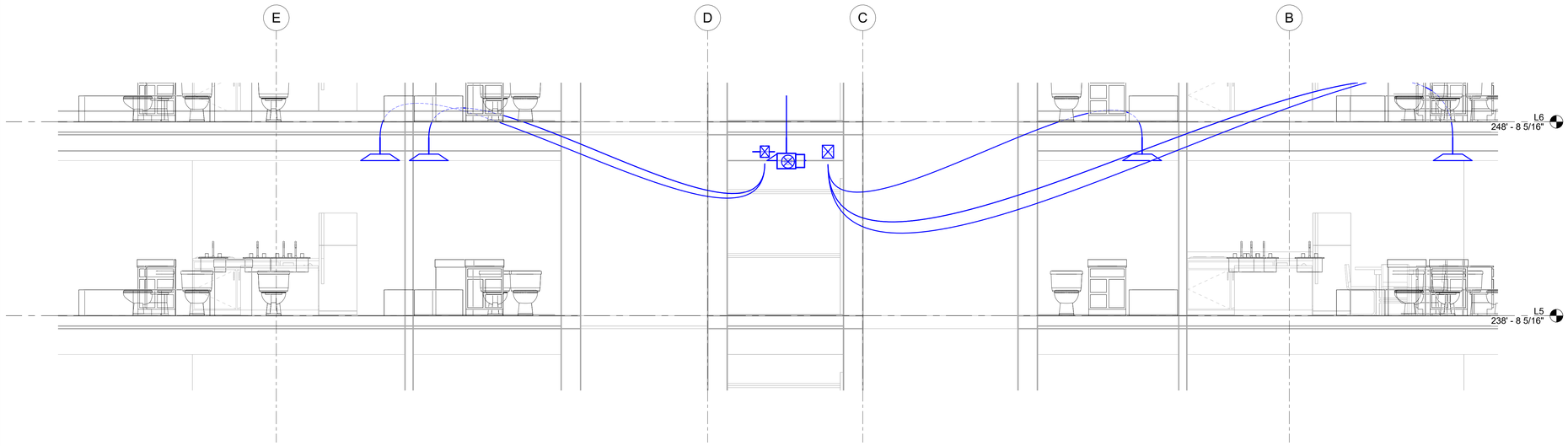
L5 Duct Plan

Project Number	CEE220A-M7
Date	11/09/2026
Drawn By	S. Kim
Checked By	-

M-101

Scale 3/16" = 1'-0"

11/8/2026 12:45:46 PM



1 L5 Corridor Plenum Section
3/8" = 1'-0"

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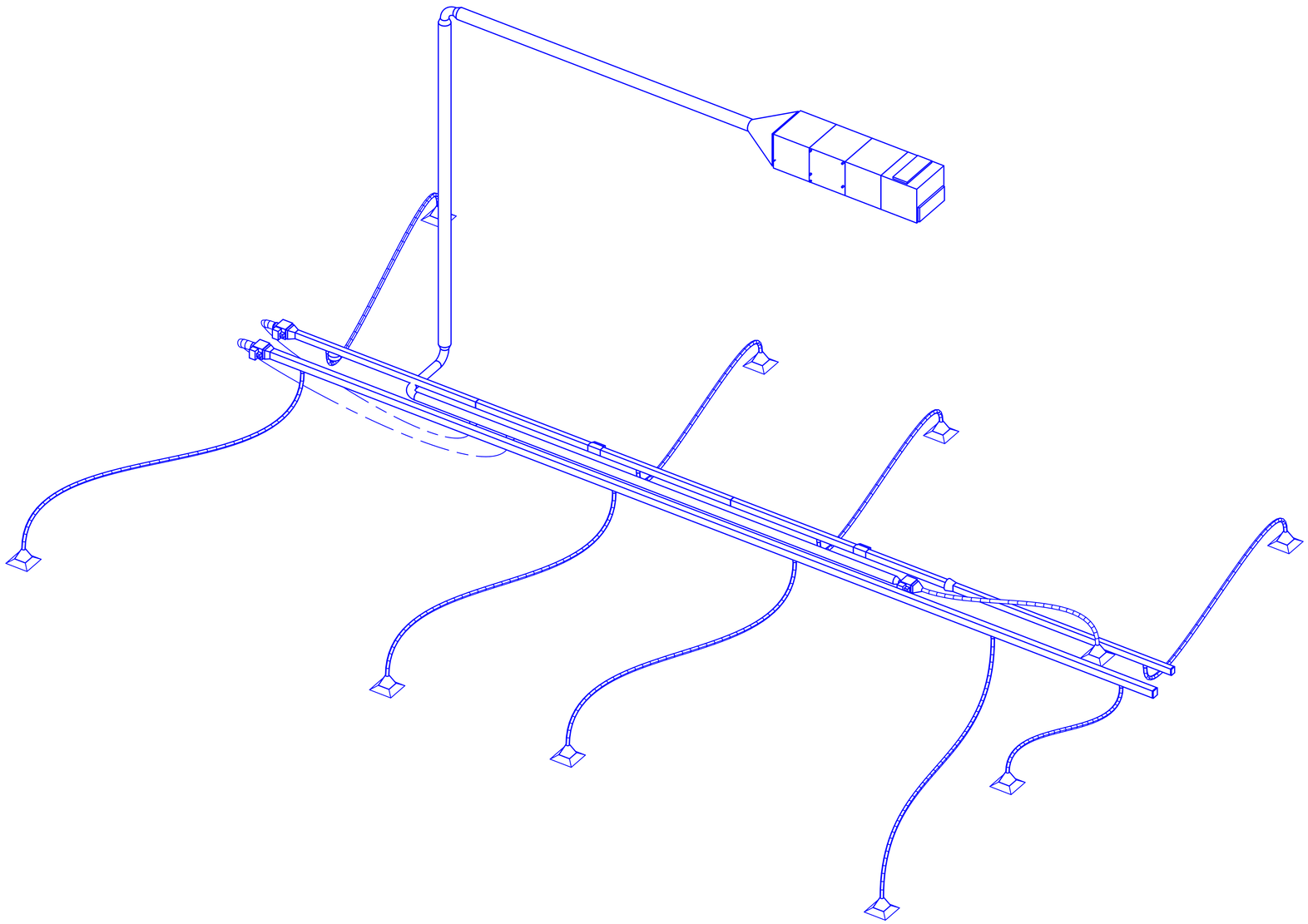
L5 Corridor Plenum Section

Project Number	CEE220A-M7
Date	11/09/2026
Drawn By	S. Kim
Checked By	-

M-301

Scale 3/8" = 1'-0"

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1 M7 - L5 Air System 3D

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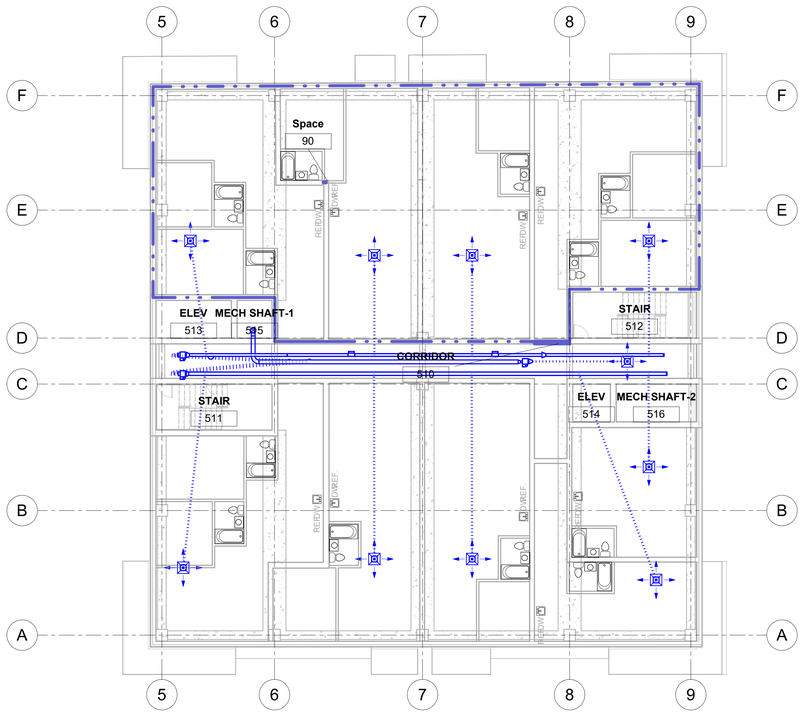
L5 Air System 3D

Project Number	CEE220A-M7
Date	11/09/2026
Drawn By	S. Kim
Checked By	-

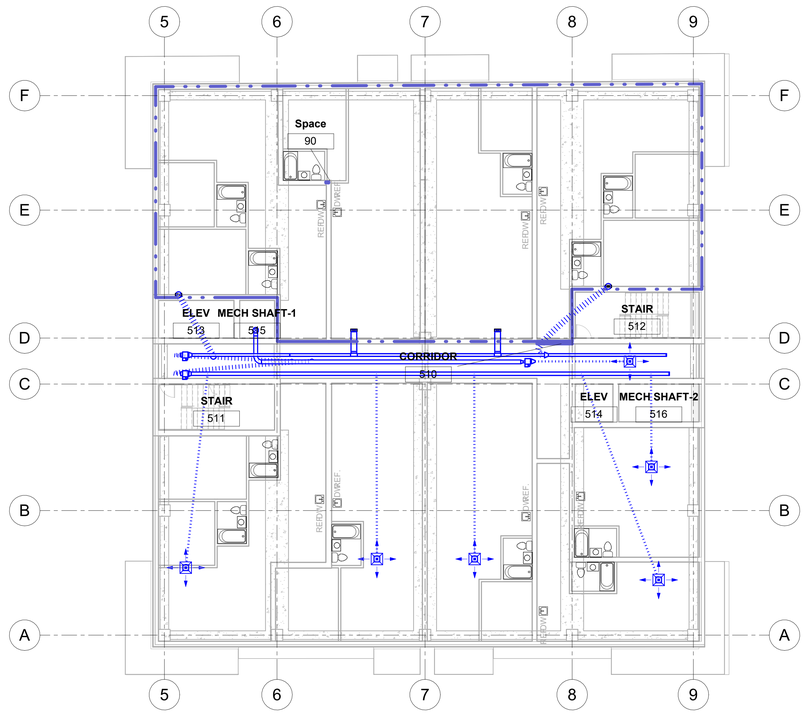
M-401

Scale

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OPTION A - CEILING DIFFUSERS IN UNITS (PRIMARY) 3/32" = 1'-0"



OPTION B - SIDEWALL GRILLES FROM CORRIDOR 3/32" = 1'-0"

Option A vs. Option B

Option A (ceiling diffusers) stays as the L5 baseline. Option B only helps the two middle units (502/503), where the drop stays in the corridor and the unit ceiling stays at full height. The corner units (501/504) still need long flex across the elevator and stair, and the corridor plenum gets tighter, so B is not worth it for the whole floor.

Branch duct to units 501-504

Option A — 86 ft flex (approx.)

Option B — 34 ft flex + 7 ft rigid

Flex runs longer than 6 ft

Option A — 4 of 4

Option B — 2 of 4

	Option A: Ceiling diffusers	Option B: Sidewall grilles
Unit ceiling	Soffit or dropped ceiling in every unit	Full height in 502/503
Corridor plenum	Main duct and taps	Main, taps and drops (tightest at band beam)
Air distribution	Even throw from unit center	Throw from one wall, window zone of deep units is weaker
Acoustics	Branch noise stays in unit	Grille on corridor wall, needs lined boots

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No.	Description	Date

Stanford CEE 220A

2132 Oxford Street

L5 Terminal Options A vs B

Project Number	CEE220A-M7
Date	11/09/2026
Drawn By	S. Kim
Checked By	-

M-501

Scale 3/32" = 1'-0"

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