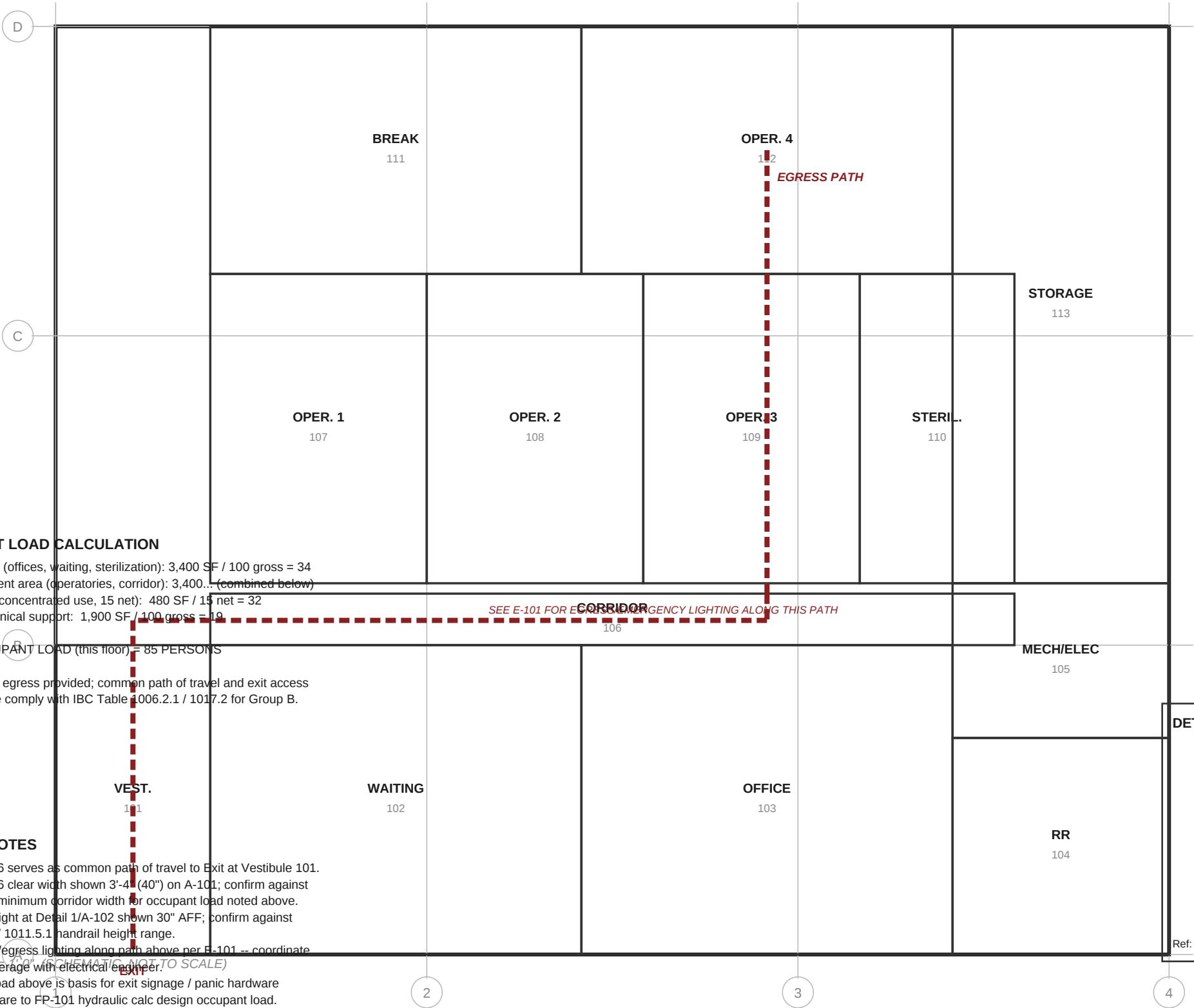


A-102 — LIFE SAFETY / EGRESS PLAN

Marlowe Sedgwick Architecture, LLC — Means of Egress & Occupant Load



OCCUPANT LOAD CALCULATION

Business area (offices, waiting, sterilization): 3,400 SF / 100 gross = 34
Clinic / treatment area (operatories, corridor): 3,400... (combined below)
Waiting area (concentrated use, 15 net): 480 SF / 15 net = 32
Treatment / clinical support: 1,900 SF / 100 gross = 19

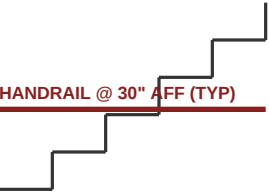
TOTAL OCCUPANT LOAD (this floor) = 85 PERSONS

Two means of egress provided; common path of travel and exit access travel distance comply with IBC Table 1006.2.1 / 1017.2 for Group B.

EGRESS NOTES

1. Corridor 106 serves as common path of travel to Exit at Vestibule 101.
2. Corridor 106 clear width shown 3'-4" (40") on A-101; confirm against IBC 1020.2 minimum corridor width for occupant load noted above.
3. Handrail height at Detail 1/A-102 shown 30" AFF; confirm against IBC 1014.2 / 1011.5.1 handrail height range.
4. Emergency/egress lighting along path above per E-101 -- coordinate with electrical engineer.
5. Occupant load above is basis for exit signage / panic hardware count; compare to FP-101 hydraulic calc design occupant load.

DETAIL 1/A-102: EXIT STAIR HANDRAIL



HANDRAIL @ 30" AFF (TYP)

Ref: guard/handrail height per architectural stair sections

Marlowe Sedgwick Architecture, LLC

License No. AR-2025-0091

Riverbend Family Dental Clinic — Tenant

4400 W. Diversey Ave., Suite 100, Chicago, IL 60639
City of Chicago — Department of Buildings
Permit No. BLD2026-04471 Proj. No. 25-0138

Life Safety Plan

06/15/2025 Issued for Permit Constr: Type II B
Drawn: J.T. Checked: R.H. Date: 06/15/2025

A-102

Rev A