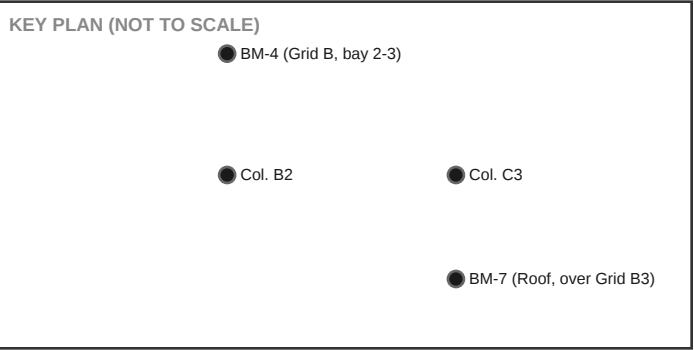


S-101 — STRUCTURAL FRAMING PLAN

Halloran-Voss Structural Engineers — Roof Framing & New Column Reinforcement



STRUCTURAL NOTES

- All new and existing columns are located strictly on the structural grid unless individually dimensioned otherwise. The column at Grid C/3, adjacent to the Sterilization/Storage partition, is located on grid at 48'-0" from Grid 1. The architectural floor plan (A-101) dimensions this same column at 47'-6" from Grid 1 based on field conditions observed during their site walkthrough. Reconcile this 6" discrepancy with the architect before partitions or casework are set relative to this column.
- Beam BM-1 (Grid B, bay 1-2): W10X22, 24'-0" long, bottom of steel +9'-0" AFF.
- Beam BM-4 (Grid B, bay 2-3): W10X22, 24'-0" long, bottom of steel +9'-0" AFF -- note that the framing plan callout for BM-4 elsewhere on this sheet reads W12X26; field-verify and confirm the correct size with this office before fabrication, as the two callouts for the same mark do not agree.
- Beam BM-7 (roof, over Grid B3): W14X30, 20'-0" long, designed for a concentrated point load of 2,000 lb at midspan to accommodate future rooftop mechanical equipment.
- Beam BM-8 (Grid C, bay 1-2): W12X26, 24'-0" long, bottom of steel +9'-0" AFF.
- BM-7's 2,000 lb design point load is intended to cover the rooftop unit anticipated for this tenant space. Confirm the actual operating weight of the rooftop unit selected by the mechanical engineer (see M-101) does not exceed this 2,000 lb design allowance; if it does, this beam will need to be resized before the unit is set.
- All new steel per AISC 360; connections per AISC 358 as applicable.
- Existing roof structure to remain except as noted; new point loads from mechanical equipment require verification against the original roof design documents, which are not available for this building -- the 2,000 lb allowance noted above for BM-7 is an assumed allowable pending that verification.
- Bottom-of-steel elevations noted above are to the bottom of the beam flange, above finished floor. Mechanical and electrical trades should maintain a minimum 2" clearance below bottom-of-steel for all ductwork and conduit racks crossing beam lines -- see M-101, which shows the RA-1 return duct crossing BM-4's bay with its own bottom-of-duct elevation noted; confirm that elevation clears BM-4's bottom-of-steel by at least 2".

Halloran-Voss Structural Engineers License No. SE-2025-1147	
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	
Framing Plan Drawn: J.T. Checked: R.H. Date: 04/11/2026	S-101 Rev A