

**COLLEGE OF CHEMISTRY (herein called "CChem" or "owner")  
UNIVERSITY OF CALIFORNIA, BERKELEY  
METAL FABRICATION (CASEWORK SUPPORT) SPECIFICATION  
REV. 3/9/05**

1.00 Assemblies

A. Metal Channel Framing System:

1. Description: 1 5/8" wide x 12 or 14 gage or 16-gage (for four-sided posts only) steel channel framing system. Provide system complete with bolts, nuts, washers, end caps, angles, suspension rods, seismic sway bracing, attachment clamps, plates, brackets and other accessories as required.
2. Product: Unistrut Corporation "Unistrut P-1000 Series", "Unistrut P-4000 Series"; Cooper Industries "B-Line B54 Series"; or equal. Vertical supports at island benches to be four-sided Unistrut P-4000 Series, B-Line B54B4, or equal.
3. Finish: Channels, plates, angles and brackets to be powder coated. Provide in custom color to be selected by Owner.
4. Shelving support: Unistrut or Cooper B-Line (or equal) supported shelving system for attachment to island, ceiling, or wall core frame supports. Maximum distance between shelf supports not to exceed 40".
5. Seismic shelf restraint: Unistrut or Cooper B-Line (or equal) construction on open sides attached to face of shelves and supports.
6. Installation: Similar to Bioengineering Lab model in Room 401 Latimer Hall. Contractor to visit model lab to match existing channel framing system for shelving, seismic shelf restraint, casework support systems and seismic bracing. In new installation, all vertical island bench posts are to be four-sided, including end posts and vertical posts are to be slab-to-slab (unless approved otherwise where slab-to-slab is not feasible). Base plates to be used at floor (unless approved otherwise).