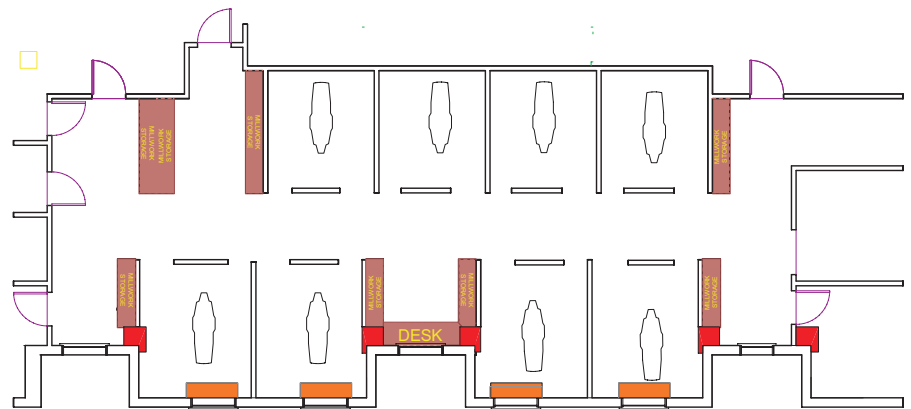


- FIXED, STRUCTURAL COLUMN
- FIXED HEATING/COOLING UNIT
- STORAGE CABINETS

EIGHT "PERFECT" ROOMS >>



## INTEGRATING THE FUNDAMENTALS OF FUNCTION, FLOW AND EFFICIENCY IN A TEACHING ENVIRONMENT

### The Challenges

We were asked to design millwork that would facilitate two treatment rooms that were spatially compromised. We documented the conditions and made the following observations:

- The dental clinic was divided into pods of four treatment rooms for generalists and specialists, respectively. Total eight rooms
- Two rooms in the subject specialist training pod were encroached-upon by: 1. An inset in the building core structure; 2. A structural column that supports the multi-story structure; 3. A though-wall heating and air-conditioning unit.
- The same condition was existent in the generalist training pod.
- The pods were bordered by 34 lineal feet of 24" deep storage cabinets. Rather than effectively support storage the deep cabinets created redundant space; since most of the supplies were shallow in depth, and would have become hidden in a 24" deep cabinet.
- Unit manager's work station was insufficient and created blockage in passageway

### The Concessions and Cost Projections

- Client had to agree to renovate both pods. Since the generalists were experiencing the same challenges, it was evident that the costs out-weighed the expense
- Proposed cost for renovation with out equipment: \$165,000

### The Benefits

- Created eight "perfect" treatment/training rooms with full access at all times.
- Increased storage from 476 cubic feet to 597 cubic feet of useable space in functionally design millwork.
- Doubled the unit manager's work area and located her out of traffic flow