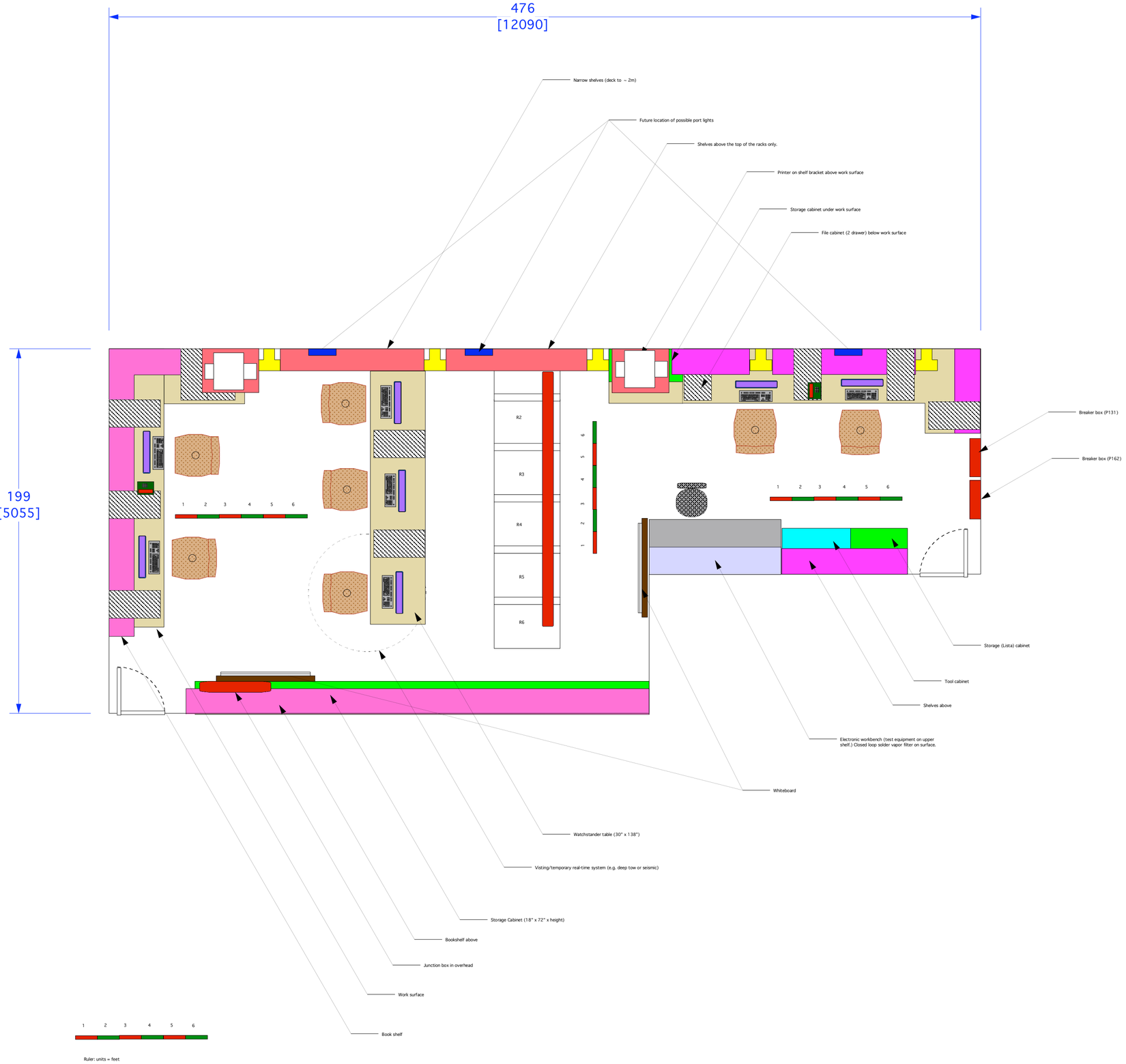

General Notes

1. Dimensions:
   Dimensions shown are inside and measured from the inner surface of the lagging. They are not structural, they are intended only to portray the actual useable space.
2. Doors:
   The doors at the fore and aft end of the Computer Lab are 26" opening with door removed but only 24" with door on it's hinges.
3. Racks:
   Rack dimensions are 24" by 36". Deep racks are required to accomodate some of the existing and future electronics. Cable management space between the racks is allocated 4".
4. Work (table) surfaces:
   Table surfaces will be 29" above the deck. Table surfaces are 3/4" finished one side plywood with smooth polyurethane finish. Surfaces are mounted on Unistrut from the bulkheds using standard table brackets. Front and exposed side edges are finshed with half-round moulding glued and nailed in place with a flush and sanded surface, particularly on the top surface.

   When beat up (by securing temporay equipment) they are easily replaced. Permanent equipment on the table tops are mounted with T-nuts from the bottom.
5. Book shelves:
   Two rows of 14" deep book shelves to be mounted between the frames on the Unistrut with the bottom 28" above the work surface. Allow 14" clearance above the inside, bottom of the lower shelf. Provide removeable retaining bars for all shelves.
6. Securing equipment:
   All items mounted on walls will be mounted to Unistrut channels to be installed.
   Equipment mounted to the deck will be mounted using existing (or new) threaded inserts and foundation plates as necessary. Use of threaded inserts and Unistrut provide optimum flexibitliy when re-arranging equipment for temporary or longer term installations and reduce the need for hot-work.
   Hot work will be required to remove existing foundations, to add some inserts, to mount the Unistrut, and to create a top mount for the new racks.

Instrument Lab
Lamont-Doherty Earth Observatory of Columbia University

Healy Proposed Computer Lab Renovation Option B: Watch standers looking at equipment and oriented forward

Dale Chayes <dale@ldeo.columbia.edu>

October 16, 2004

DRAWING NO.	REVISION	SIZE
-	-	A

SCALE	FILE NAME
None	complab-b2-20041016