

Drawing Notes:
This sample drawing was produced using the Industrial Process>Process Plant Facilities solution, new to Visio Technical 5.0.

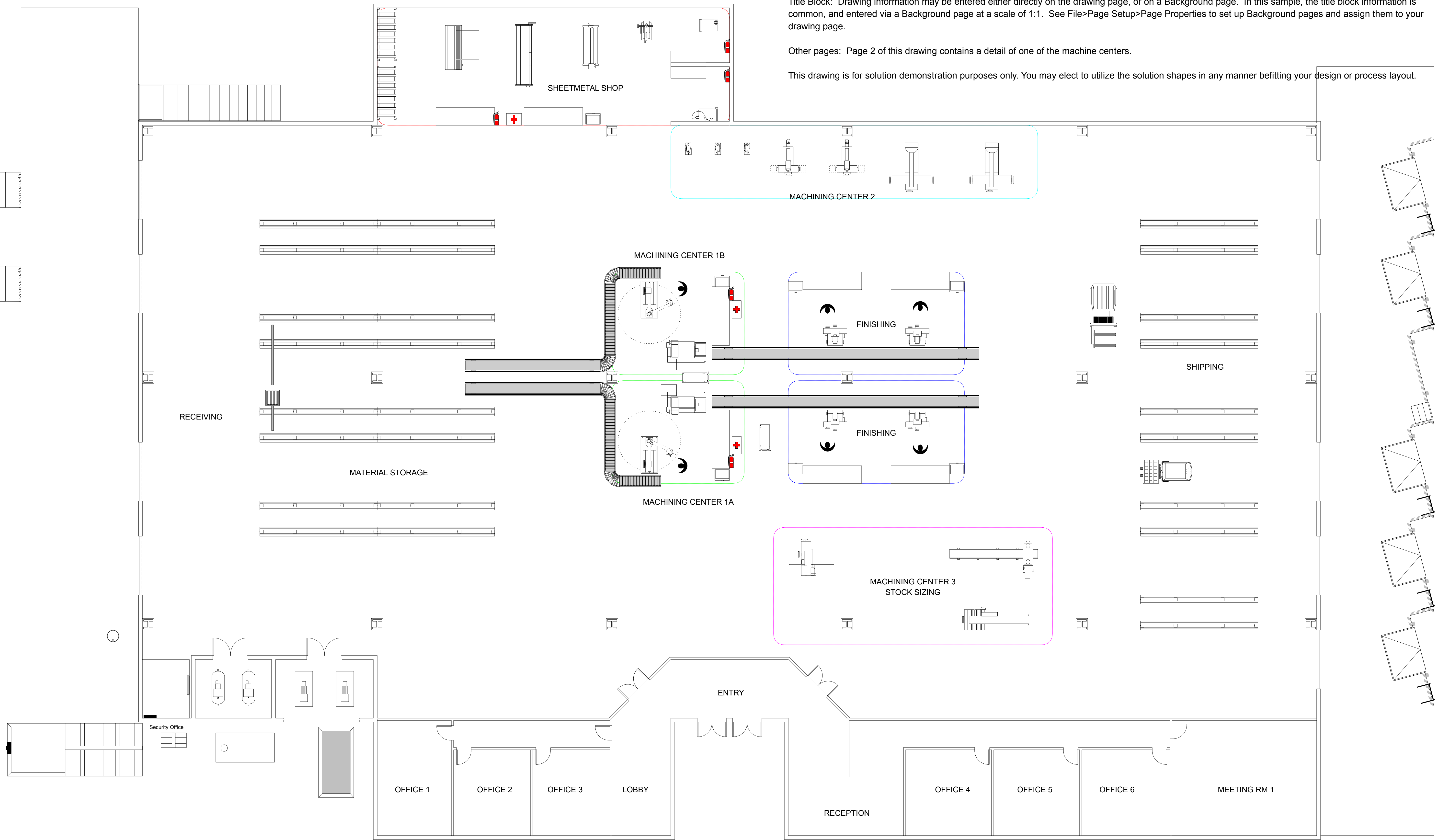
Building Plan: To begin the layout, horizontal and vertical guides were dragged into position from the upper and left hand rulers (at the drawing window's edge). The double line wall shape from the Walls, Shell and Structure stencil was then used to define the building envelope. Doors, windows, columns were then added. These shapes were all "glued" to the guides, simplifying later envelope modifications as the guide only need be moved to modify placement of a whole relationship of shapes. To input the loading dock and related building elements, note that shapes exist in the Warehouse - Shipping and Receiving stencil, or you may open the Building Core stencil for other shape options.

Drawing Layers: Layers are set by default, but you may make modifications, or add additional layers.

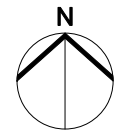
Title Block: Drawing information may be entered either directly on the drawing page, or on a Background page. In this sample, the title block information is common, and entered via a Background page at a scale of 1:1. See File>Page Setup>Page Properties to set up Background pages and assign them to your drawing page.

Other pages: Page 2 of this drawing contains a detail of one of the machine centers.

This drawing is for solution demonstration purposes only. You may elect to utilize the solution shapes in any manner befitting your design or process layout.



Manufacturing Plant Layout - West Campus
SCALE: 1/8"=1'-0"



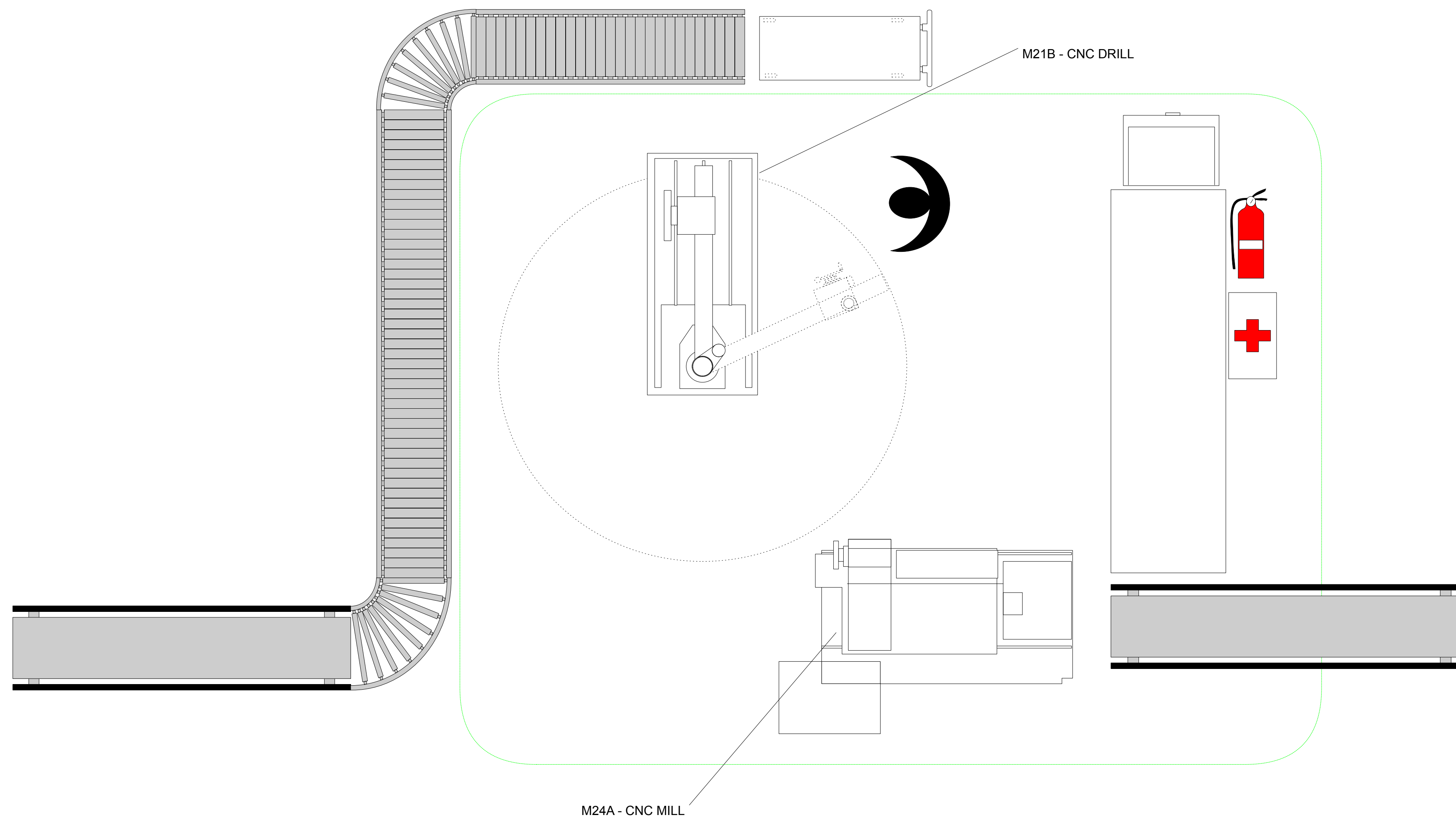
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Process Plant Facility Plan - Page 2
Detailed Plan of a single work cell.

For this drawing, a second page was created from page 1 through the Insert>Page command. The scale was changed to 1/2"=1'-0" for the detailed drawing. A work cell was copied from page 1 by first viewing page 1 through the Edit>Go To command. A work cell was chosen by a selection window using the mouse, followed by Edit>Copy (or Ctrl+C). Next, Edit>Go To was used again to return to Page 2 where the copy was positioned initially in the center of the drawing using Edit>Paste (or Ctrl+V).

Another method used to work between pages is to tile them, so that they are both visible at once on your screen. Select Window>New Window, drag the left or right side of the window to the mid point on your screen (to split the screen with two views), then change one of the windows to page 2 through the Edit>Go To command. To copy shapes between pages (or drawings) then becomes a simple matter of select, copy and drag & drop.



MACHINING CENTER 1B - CONCEPT PLAN

SCALE: 1/2" = 1'-0" DETAIL

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