CHAPTER 21 EXERCISES

1. *Ddinsert*

   A. For the next exercise you will need the following drawings:

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DW.DWG
FRIDG.DWG
SINK.DWG
STOVE.DWG
TUB.DWG
VANITY.DWG
WC.DWG
2040WINDOW.DWG
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   These drawings may be provided by your instructor or can be downloaded from the www.mhhe.com/leach web site.

   B. *Open* the PLAN drawing and *Freeze* the text layer.

   C. Create a new layer called A-PLFR-FIXTURES and make it the *Current* layer.

   D. Type in *Insert*, select *Browse*, and select TUB.DWG from the desired folder. Use a scale factor of 1 and an insertion point at the Endpoint of the bathroom wall as shown in Figure AR21-1. Insert the tub into both bathrooms.

   E. Continue inserting the rest of the fixtures (WC and VANITY) into the bathrooms as shown in Figure AR21-2. Use *Osnaps* where appropriate based on the base points for each *Block* you insert.
2. Kitchen

A. Next, lay out the kitchen. This requires drawing the cabinets and Inserting the proper symbols. Offset the inner wall line 24" to the inside of the kitchen. Next Offset another line from the inside wall 12". Trim as necessary. See Figure AR21-3.

B. Insert the 2040WINDOW into the kitchen at a distance of 5'-7" from the other wall.

C. Trim the overhead cabinets (middle lines) even with the window as shown in figure AR21-3.

D. Insert the SINK.DWG centered on the window as shown in Figure AR21-4. Use the Midpoint Osnap option.

E. Continue to Insert the DW.DWG, STOVE.DWG and FRIDGE.DWG into the kitchen. Also Insert the WC.DWG and VANITY.DWG into the half bath above the garage. See Figure AR21-5.
3. Additional Kitchens

Draw each of the following kitchen types shown in Figure AR21-6. Use the symbols from the previous exercise.

Figure AR21-6