

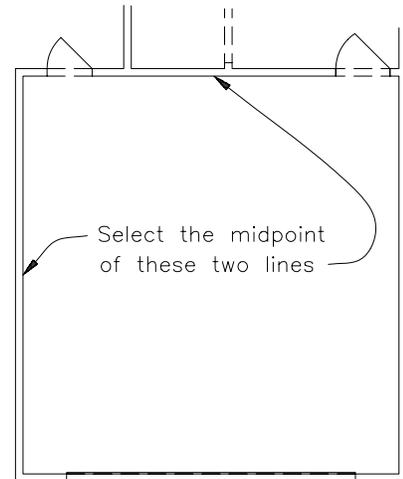
## CHAPTER 18 EXERCISES

### 1. Dtext

*Open* the **PLAN** drawing, create a *Layer* named **TEXT** and then make it *Current*. Use the *Style* command, use the *Standard* style and select the font named *CityBlueprint*. Label each room using this *Style*.

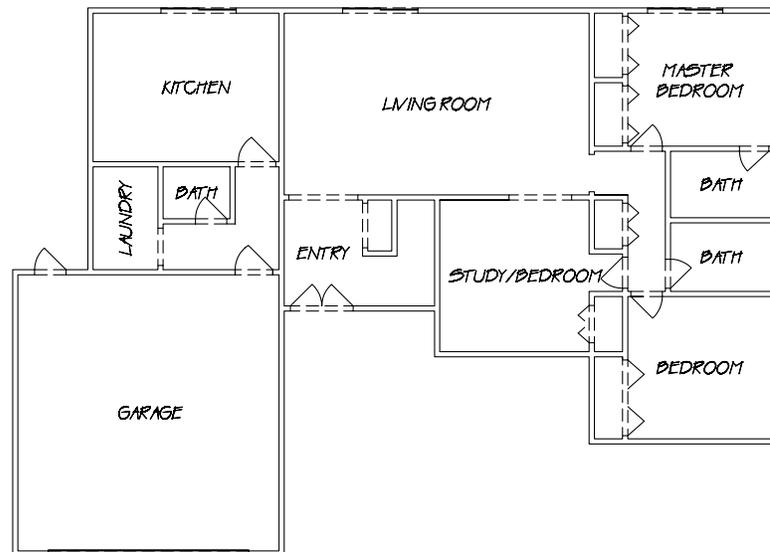
Use the *Dtext* command to create labels for the rooms in the floor plan. Use the *MC* (middle center) justification option and use *Osnap Tracking* to pick the midpoint of two lines to locate the "middle point of the text" as shown in Figure AR18-1. Use a text height of 12".

**Figure AR18-1**



Continue labeling the rest of the rooms in the house as shown in Figure AR18-2.

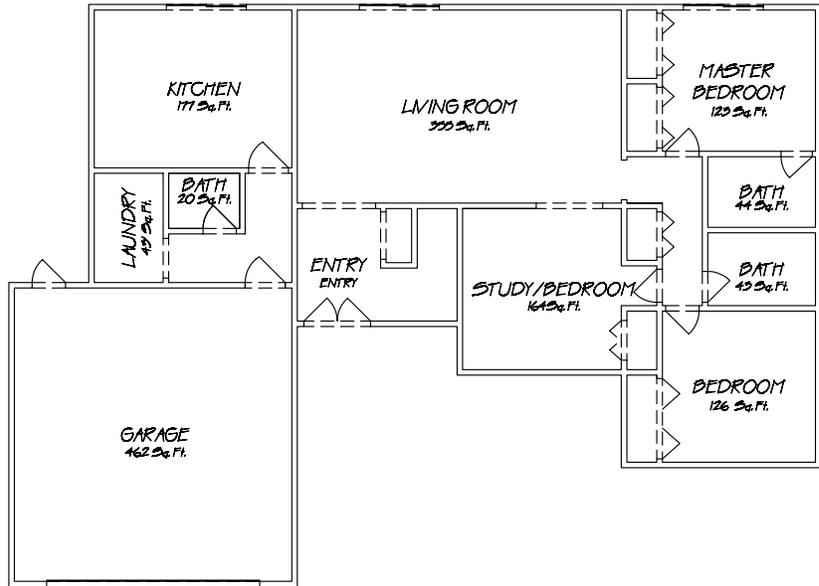
**Figure AR18-2**



2. Dtext

Next, add the labels for the square footage of each room (Figure AR18-3). You should have these values saved from the Chapter 17 exercises. Use the same font as the room labels, but use a text height of 8". When you are finished, *Save* the drawing.

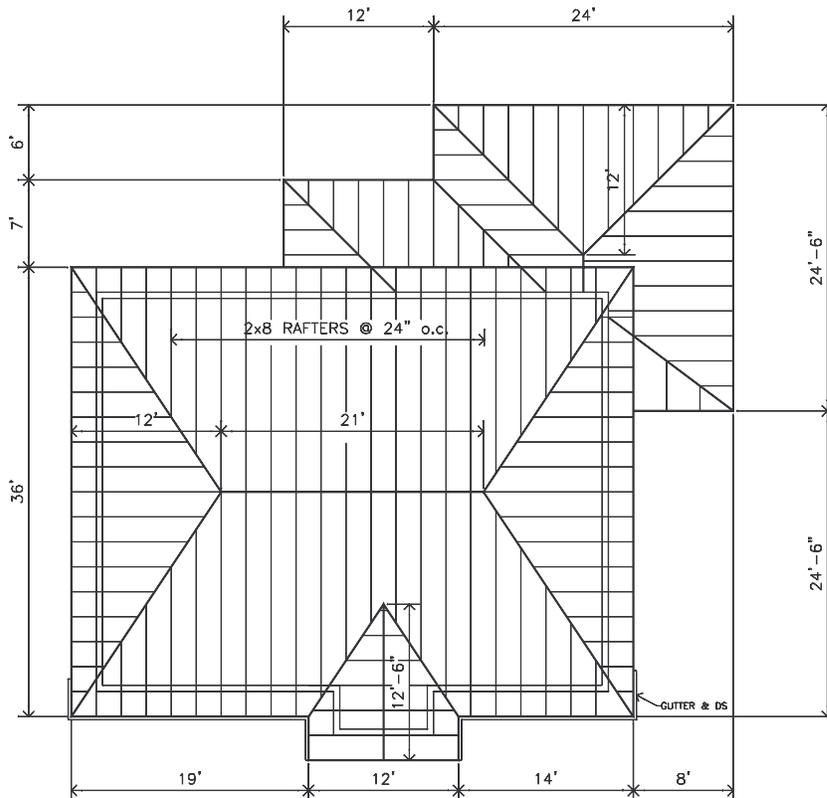
Figure AR18-3



3. Importing External Text into AutoCAD.

Complete the Roof Plan shown in Figure AR18-4. Add the following notes to the drawing using the Windows Note Pad and the *Import Text* option of the *Multiline Text Editor*.

Figure AR18-4



ROOF NOTES

1. ALL SLOPES FROM FRONT TO BACK ELEVATIONS ARE 7/12 PITCH AND SHALL HAVE 1'-6" OVERHANGE FROM THE FRAME WALL UNLESS SHOWN OTHERWISE.
2. ALL SLOPES FROM SIDE ELEVATION ARE 9/12 PITCH AND SHALL HAVE A 1'-2" OVERHANGE FROM THE FRAME WALL UNLESS OTHERWISE SHOWN.
3. ALL RAFTER OVERHANGES SHALL BE 8" FROM FINISH WALL UNLESS SHOWN OTHERWISE.
4. ALL ROOF TRUSSES SHALL BE DESIGNED AND ENGINEERED BY OTHERS.
5. ALL RAFTERS SHALL BE 2 x 6 @ 24" O.C. #3 K.O. GRADE OR BETTER UNLESS SHOWN OTHERWISE.
6. ALL CHIMNEYS SHALL HAVE FLASHING AND COUNTER FLASHING A MINIMUM OF 8" ABOVE ROOF SHEATHING. PROVIDE CRICKETS AS SHOWN.
7. PROVIDE VALLEY FLASHING WHERE ROOF PITCHES CHANGE AND WHERE ROOF INTERSECTS WITH VERTICAL SURFACES.
8. CONTRACTOR SHALL PROVIDE ADEQUATE ATTIC VENTILATION PER BUILDING CODES THROUGH CONTINUOUS SOFFIT VENTS TO RIDGE OR TURTLE VENTS. SEE WALL SECTION AND ROOF PLAN FOR LOCATION AND TYPE OF VENTS.
9. GUTTERS AND DIVERSERS TO BE PROVIDED BY CONTRACTOR AS REQUIRED.

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3. ALL RAKE OVERHANGS SHALL BE 8" FROM FINISH WALL UNLESS SHOWN OTHERWISE.
4. ALL ROOF TRUSSES SHALL BE DESIGNED AND ENGINEERED BY APPROVED CONTRACTORS.
5. ALL RAFTERS SHALL BE 2 x 6 @ 24" O.C. #3 K.O. GRADE OR BETTER UNLESS SHOWN OTHERWISE.
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9. GUTTERS AND DIVERTERS TO BE PROVIDED BY CONTRACTOR AS REQUIRED.