Puzzle #2: Pentominoes 2

In this puzzle, only one of the other pentominoes has joined our favorite five (R, I, T, C and S), leaving five spaces empty. The empty spaces are given (as blacked-out squares below), and perhaps surprisingly, this is enough to determine the location of all six pentominoes! For reference, these are all the other seven and their names:

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L  N  P  V  W  X  Y
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Just leave the empty squares blank when recording your solution.