Compounding The Co-dependency – By Prasanna Seshadri

https://cracking-the-cryptic.web.app/sudoku/TmMBJj8jbr

Normal sudoku rules apply. In addition, there are some special CTC rules in this puzzle!

CTC rules – There are 7 pairs of variants in this sudoku, totalling to 14 different rules. For each pair, one area will follow one variant and the other area will follow the other variant. It is up to the solver to determine which variant gets used where. Through it all there will be no converse rules like "all dots given" or anything like that. Here are the pairs:

All clues on the left/All clues on the right:
A) Outside Parity – The clue gives the first N cells of the same parity until the first cell of the other parity in that direction.
B) Skyscraper – The numbers represent the heights of skyscrapers. The clues outside give the number of skyscrapers seen from that direction. Taller skyscrapers block shorter ones.

All clues on the top/All clues on the bottom:
A) Serbian Frame – The clue gives the sum of the digits in the 3_{rd} and the 4_{th} cells in that direction.
B) X-Sums – The digit in the first cell takes up the value of N where the clue outside gives the sum of the first N cells in that direction.

1_{st} Box/ 9_{th} Box:
A) Arrow – The digit in the circle must be the sum of the digits along the line.
B) Thermo – The digits must be in increasing order from the circle to the end of the line.

2_{nd} Box/ 8_{th} Box:
A) 3-Difference – The white dots mean that the digits on either side must have a difference of 3.
B) Consecutive – The white dots mean that the digits on either side must have a difference of 1.

3_{rd} Box/ 7_{th} Box:
A) Even Set – The shaded cells must contain 2, 4, 6 and 8 in any order.
B) Odd Set – The shaded cells must contain 1, 3, 5 and 7 in any order.

4_{th} Box/ 6_{th} Box:
A) Kropki – The white dots mean that the digits on either side must have a difference of 1. The black dots mean that of the two digits on either side, one must be double the other.
B) XV – The white dots mean that the digits on either side sum to 10. The black dots mean that the digits on either side sum to 5.

5_{th} Box: There are two clues here and each of them will follow one of the two rules below.
A) Quadruple – The digits shown must appear in the 2x2 area of cells they are in the middle of.
B) Quad Sum – The number is the sum of all four digits in the 2x2 area of cells the clue is in the middle of.