Overlapping Skyscrapers

Consider the four grids given below (of dimensions 7x7 each) which have four overlapping regions of dimensions 2x3. Each grid represents a standard Skyscraper puzzle. The four puzzles have to be solved simultaneously such that all the entered numbers in the overlapping regions coincide.

The encircled numbers are clues for both directions; the number in the circle is the sum of the two individual clue numbers for the two directions in question.

