Numbrix

Fill the grid with the numbers 1 to 64 in such that they make a path of consecutive numbers in sequence. You can move horizontally or vertically, but not diagonally.

		15			18		
10	13			56		54	21
	62		58			53	
		60			51		
7	64			47		45	
		34			41		
1	4		38		42		26
		32		30			

11	12	15	16	17	18	19	20
10	13	14	57	56	55	54	21
9	62	61	58	49	50	53	22
8	63	60	59	48	51	52	23
7	**64**	35	36	47	46	45	24
6	5	34	37	40	41	44	25
1	4	33	38	39	42	43	26
2	3	32	31	30	29	28	27