

Table 56

SQUARE AREAS on the BIM											
Row Axis = Ax	Square Area = Ax <sup>2</sup>	equals =	[(Ax·4)	+	Ax <sup>2</sup> - (Ax·4)]	->	Ax <sup>2</sup> - (Ax·4)	=	nAx	n	Ax
1	1	=	4	+	-3		-3	=	-3	-3	1
2	4	=	8	+	-4		-4	=	-4	-2	2
3	9	=	12	+	-3		-3	=	-3	-1	3
4	16	=	16	+	0		0	=	0	0	4
5	25	=	20	+	5		5	=	5	1	5
6	36	=	24	+	12		12	=	12	2	6
7	49	=	28	+	21		21	=	21	3	7
8	64	=	32	+	32		32	=	32	4	8
9	81	=	36	+	45		45	=	45	5	9
10	100	=	40	+	60		60	=	60	6	10
11	121	=	44	+	77		77	=	77	7	11
12	144	=	48	+	96		96	=	96	8	12

**Table 56  
Square  
Areas**

Square AREAS (BLUE) are presented on the BIM as the values 4Ax (PURPLE) as the 2nd Parallel Diagonal, and, the nAx (GREEN) values as those in Column 2 (on the BIM). For Square Areas, the "x" variable in AREA=nAx + xAx ONLY works for x=4. See Image.

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