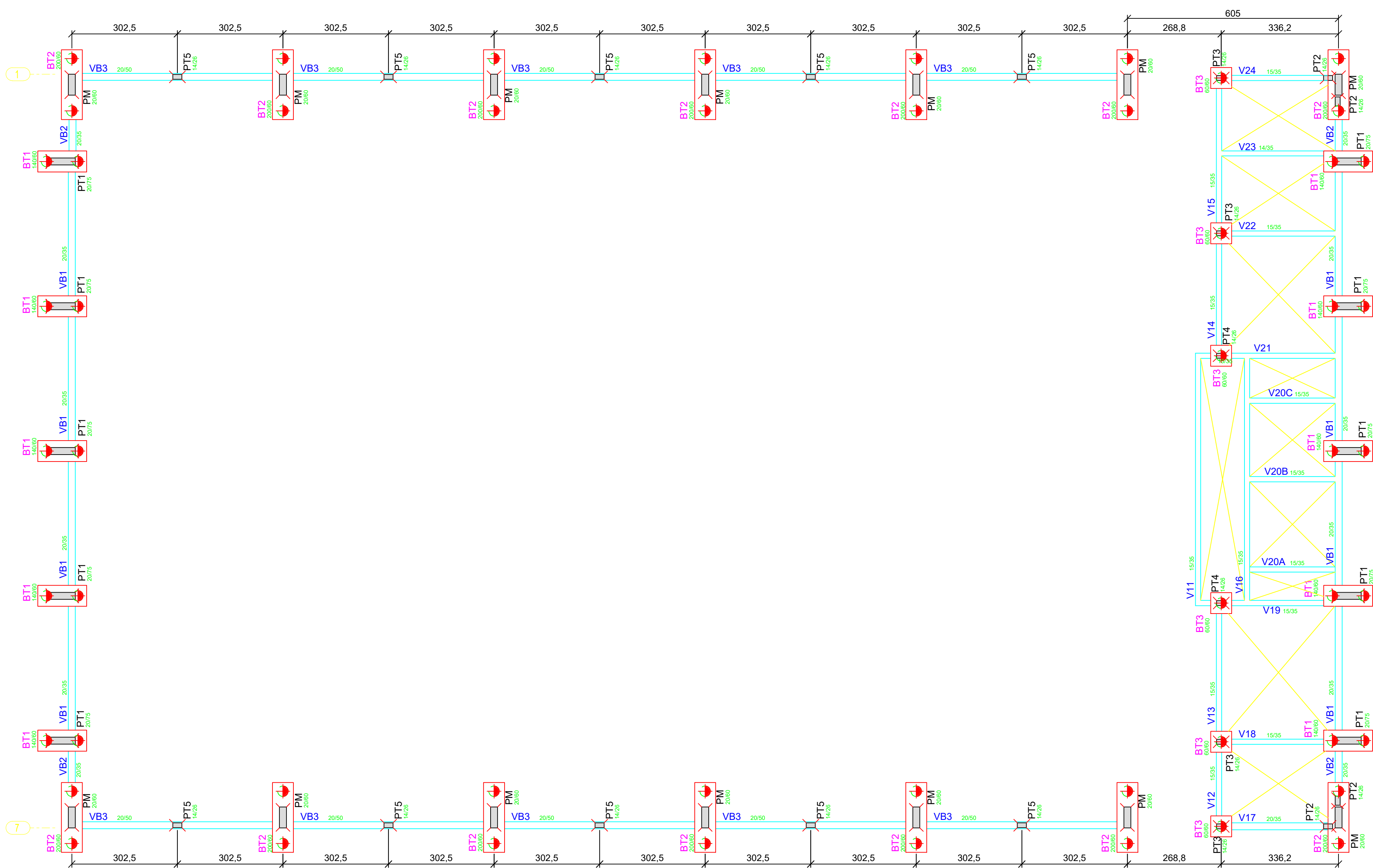
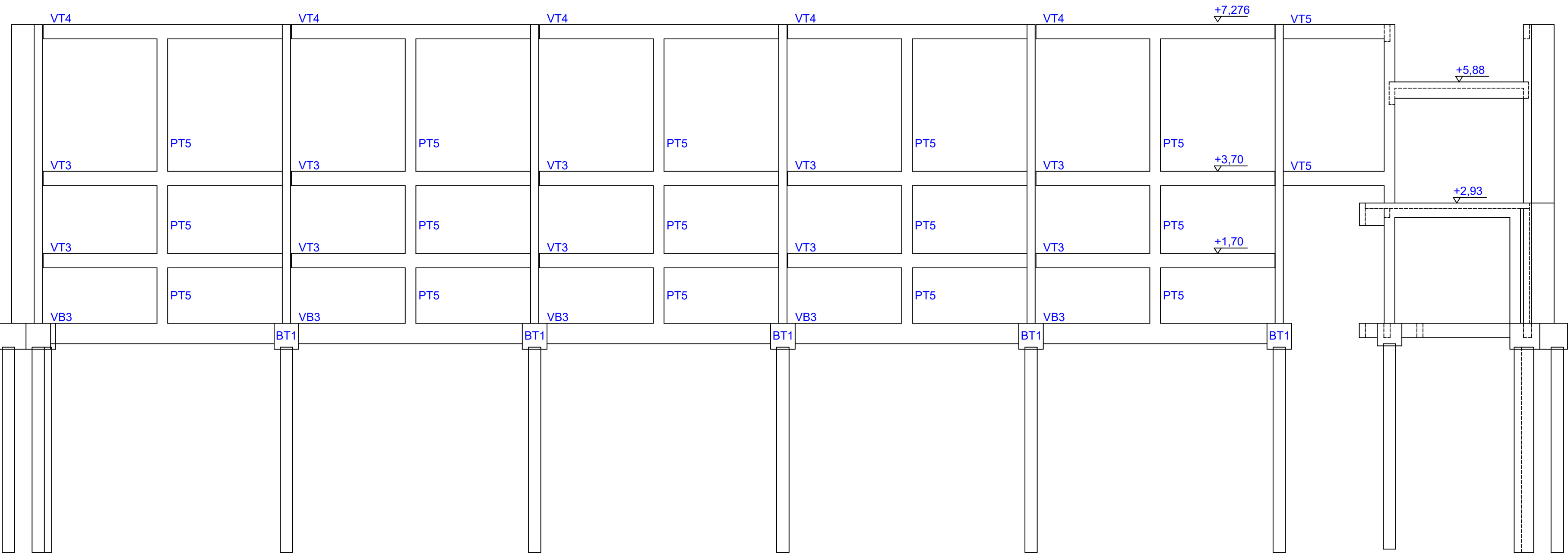




1 Planta de localização elementos fechamento lateral
ESCALA 1/75



2 Elevação do Eixo 1 = Eixo 7
ESCALA 1/75

LEGENDA

PILAR NASCE

PILAR CONTÍNUA

PILAR MORRE

ATENÇÃO:

1- OS PILARES INDICADOS COMO "PM" SÃO OS PILARES METÁLICOS DEFINIDOS NO PROJETO DE COBERTURA METÁLICA. ASSIM COMO AS VIGAS BALDRAME VB1 E VB2, O PT1 E OS BLOCOS BT1 E BT2, VER FOLHA 07.

INSTRUÇÕES PARA EXECUÇÃO DOS ELEMENTOS DE CONCRETO.

DIÂMETRO DE PINOS DE DOBRA, COMPRIMENTO DE GANCOS E TRASPASSES

ØBARRA	ØPINO	COMPRIMENTO DO GANCHO		DIÂMETRO PINO CA-50	COMPRIMENTO DE TRASPASSE					
		180°	90°		BOA ADERÊNCIA			MÁ ADERÊNCIA		
					ØA	ØA	ØA	ØA	ØA	ØA
6,3	3,15	5	8,8	7,4	3,15	1,9	27	24	21	19
8	4	6,3	11,1	8	4	2,4	35	30	27	24
10	5	7,9	13,9	8,8	5	3	43	37	33	30
12,5	6,25	9,9	17,4	13,6	6,25	3,3	54	47	42	38
16	8	12,6	22,2	17,4	8	4	69	60	53	48
20	10	15,9	28,2	22,2	10	5	88	76	67	60
25	12,5	20,0	35,5	28,2	12,5	6,3	111	96	84	75
32	16	25,1	44,3	35,5	16	8	141	122	107	96
40	20	31,5	55,6	44,3	20	10	178	154	136	122
50	25	39,6	69,7	55,6	25	12,5	222	193	170	154
63	31,5	49,6	88,9	69,7	31,5	15,9	282	244	214	193
80	40	63,0	113,1	88,9	40	20,0	355	307	269	244
100	50	79,1	141,4	113,1	50	25,1	443	385	336	307
125	62,5	99,0	174,2	141,4	62,5	31,5	556	480	421	385
160	80	126,0	222,0	174,2	80	40,0	697	600	521	480
200	100	159,0	282,0	222,0	100	50,0	889	760	660	600
250	125	200,0	355,0	282,0	125	62,5	1111	960	840	760
320	160	251,0	443,0	355,0	160	79,1	1414	1220	1070	960
400	200	315,0	556,0	443,0	200	99,0	1742	1540	1360	1220
500	250	396,0	697,0	556,0	250	126,0	2220	1930	1700	1540
630	315	496,0	889,0	697,0	315	159,0	2820	2440	2140	1930
800	400	630,0	1131,0	889,0	400	200,0	3550	3070	2690	2440
1000	500	791,0	1414,0	1131,0	500	251,0	4430	3850	3360	3070
1250	625	990,0	1742,0	1414,0	625	315,0	5560	4800	4210	3850
1600	800	1260,0	2220,0	1742,0	800	396,0	6970	6000	5210	4800
2000	1000	1590,0	2820,0	2220,0	1000	496,0	8890	7600	6600	6000
2500	1250	2000,0	3550,0	2820,0	1250	630,0	11110	9600	8400	7600
3200	1600	2510,0	4430,0	3550,0	1600	791,0	14140	12200	10700	9600
4000	2000	3150,0	5560,0	4430,0	2000	990,0	17420	15400	13600	12200
5000	2500	3960,0	6970,0	5560,0	2500	1260,0	22200	19300	17000	15400
6300	3150	4960,0	8890,0	6970,0	3150	1590,0	28200	24400	21400	19300
8000	4000	6300,0	11310,0	8890,0	4000	2000,0	35500	30700	26900	24400
10000	5000	7910,0	14140,0	11310,0	5000	2510,0	44300	38500	33600	30700
12500	6250	9900,0	17420,0	14140,0	6250	3150,0	55600	48000	42100	38500
16000	8000	12600,0	22200,0	17420,0	8000	3960,0	69700	60000	52100	48000
20000	10000	15900,0	28200,0	22200,0	10000	4960,0	88900	76000	66000	60000
25000	12500	20000,0	35500,0	28200,0	12500	6300,0	111100	96000	84000	76000
32000	16000	25100,0	44300,0	35500,0	16000	7910,0	141400	122000	107000	96000
40000	20000	31500,0	55600,0	44300,0	20000	9900,0	174200	154000	136000	122000
50000	25000	39600,0	69700,0	55600,0	25000	12600,0	222000	193000	170000	154000
63000	31500	49600,0	88900,0	69700,0	31500	15900,0	282000	244000	214000	193000
80000	40000	63000,0	113100,0	88900,0	40000	20000,0	355000	307000	269000	244000
100000	50000	79100,0	141400,0	113100,0	50000	25100,0	443000	385000	336000	307000
125000	62500	99000,0	174200,0	141400,0	62500	31500,0	556000	480000	421000	385000
160000	80000	126000,0	222000,0	174200,0	80000	39600,0	697000	600000	521000	480000
200000	100000	159000,0	282000,0	222000,0	100000	49600,0	889000	760000	660000	600000
250000	125000	200000,0	355000,0	282000,0	125000	63000,0	1111000	960000	840000	760000
320000	160000	251000,0	443000,0	355000,0	160000	79100,0	1414000	1220000	1070000	960000
400000	200000	315000,0	556000,0	443000,0	200000	99000,0	1742000	1540000	1360000	1220000
500000	250000	396000,0	697000,0	556000,0	250000	126000,0	2220000	1930000	1700000	1540000
630000	315000	496000,0	889000,0	697000,0	315000	159000,0	2820000	2440000	2140000	1930000
800000	400000	630000,0	1131000,0	889000,0	400000	200000,0	3550000	3070000	2690000	2440000
1000000	500000	791000,0	1414000,0	1131000,0	500000	251000,0	4430000	3850000	3360000	3070000
1250000	625000	990000,0	1742000,0	1414000,0	625000	315000,0	5560000	4800000	4210000	3850000
1600000	800000	1260000,0	2220000,0	1742000,0	800000	396000,0	6970000	6000000	5210000	4800000
2000000	1000000	1590000,0	2820000,0	2220000,0	1000000	496000,0	8890000	7600000	6600000	6000000
2500000	1250000	2000000,0	3550000,0	2820000,0	1250000	630000,0	11110000	9600000	8400000	7600000
3200000	1600000	2510000,0	4430000,0	3550000,0	1600000	791000,0	14140000	12200000	10700000	9600000
4000000	2000000	3150000,0	5560000,0	4430000,0	2000000	990000,0	17420000	15400000	13600000	12200000
5000000	2500000	3960000,0	6970000,0	5560000,0	2500000	1260000,0	22200000	19300000	17000000	15400000
6300000	3150000	4960000,0	8890000,0	6970000,0	3150000	1590000,0	28200000	24400000	21400000	19300000
8000000	4000000	6300000,0	11310000,0	8890000,0	4000000	2000000,0	35500000	30700000	26900000	24400000
10000000	5000000	7910000,0	14140000,0	11310000,0	5000000	2510000,0	44300000	38500000	33600000	30700000
12500000	6250000	9900000,0	17420000,0	14140000,0	6250000	3150000,0	55600000	48000000	42100000	38500000
16000000	8000000	12600000,0	22200000,0	17420000,0	8000000	3960000,0	69700000	60000000	52100000	48000000
20000000	10000000	15900000,0	28200000,0	22200000,0	10000000	4960000,0	88900000	76000000	66000000	60000000
25000000	12500000	20000000,0	35500000,0	28200000,0	12500000	6300000,0	111100000	96000000	84000000	76000000
32000000	16000000	25100000,0	44300000,0	35500000,0	16000000	7910000,0	141400000	122000000	107000000	96000000
40000000	20000000	31500000,0	55600000,0	44300000,0	20000000	9900000,0	174200000	154000000	136000000	122000000
50000000	25000000	39600000,0	69700000,0	55600000,0	25000000	12600000,0	222000000	193000000	170000000	154000000
63000000	31500000	49600000,0	88900000,0	69700000,0	31500000	15900000,0	282000000	244000000	214000000	193000000
80000000	40000000	63000000,0	113100000,0	88900000,0	40000000	20000000,0	355000000	307000000	269000000	244000000
100000000	50000000	79100000,0	141400000,0	113100000,0	50000000	25100000,0	443000000	385000000	336000000	307000000
125000000	62500000	99000000,0	174200000,0	141400000,0	62500000	31500000,0	556000000	480000000	421000000	385000000
160000000	80000000	126000000,0	222000000,0	174200000,0	80000000	39600000,0	697000000	600000000	521000000	480000000
200000000	100000000	159000000,0	282000000,0	222000000,0	100000000	49600000,0	889000000	760000000	660000000	600000000
250000000	125000000	200000000,0	355000000,0	282000000,0	125000000	63000000,0	1111000000	960000000	840000000	760000000
320000000	160000000	251000000,0	443000000,0	355000000,0	160000000	79100000,0	1414000000	1220000000	10700000	