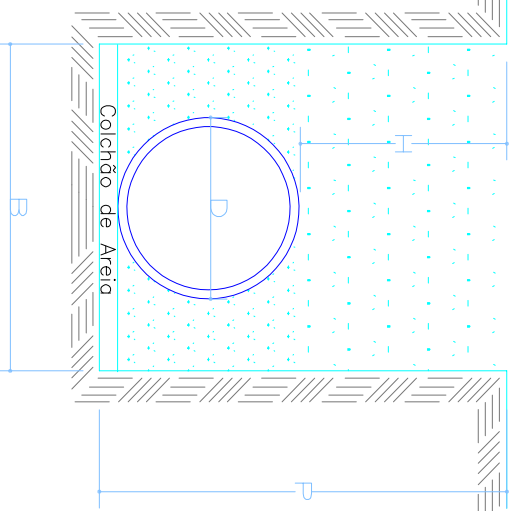


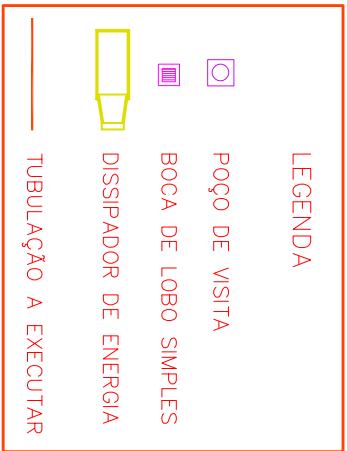
PAIMENTAÇÃO
PERFIL
ESCALA 1/1000

DETALHE DA VALA SIMPLES



LEGENDA

SOLO NATIVO				
SOLO DE REFORÇO				
DIMENSÕES (m)				
D	B	H	P	Área
0,4	1,00	1,00	1,50	0,10
0,6	1,20	1,00	1,70	0,10
0,8	1,40	1,00	1,90	0,10
1,0	1,60	1,00	2,10	0,10
1,2	1,80	1,20	2,50	0,10



PREFEITURA MUNICIPAL DE SÃO JOSÉ DOS
QUATRO MARCOS

PAVIMENTAÇÃO ASFALTICA E DRENAGEM DE ÁGUAS PLUVIAIS

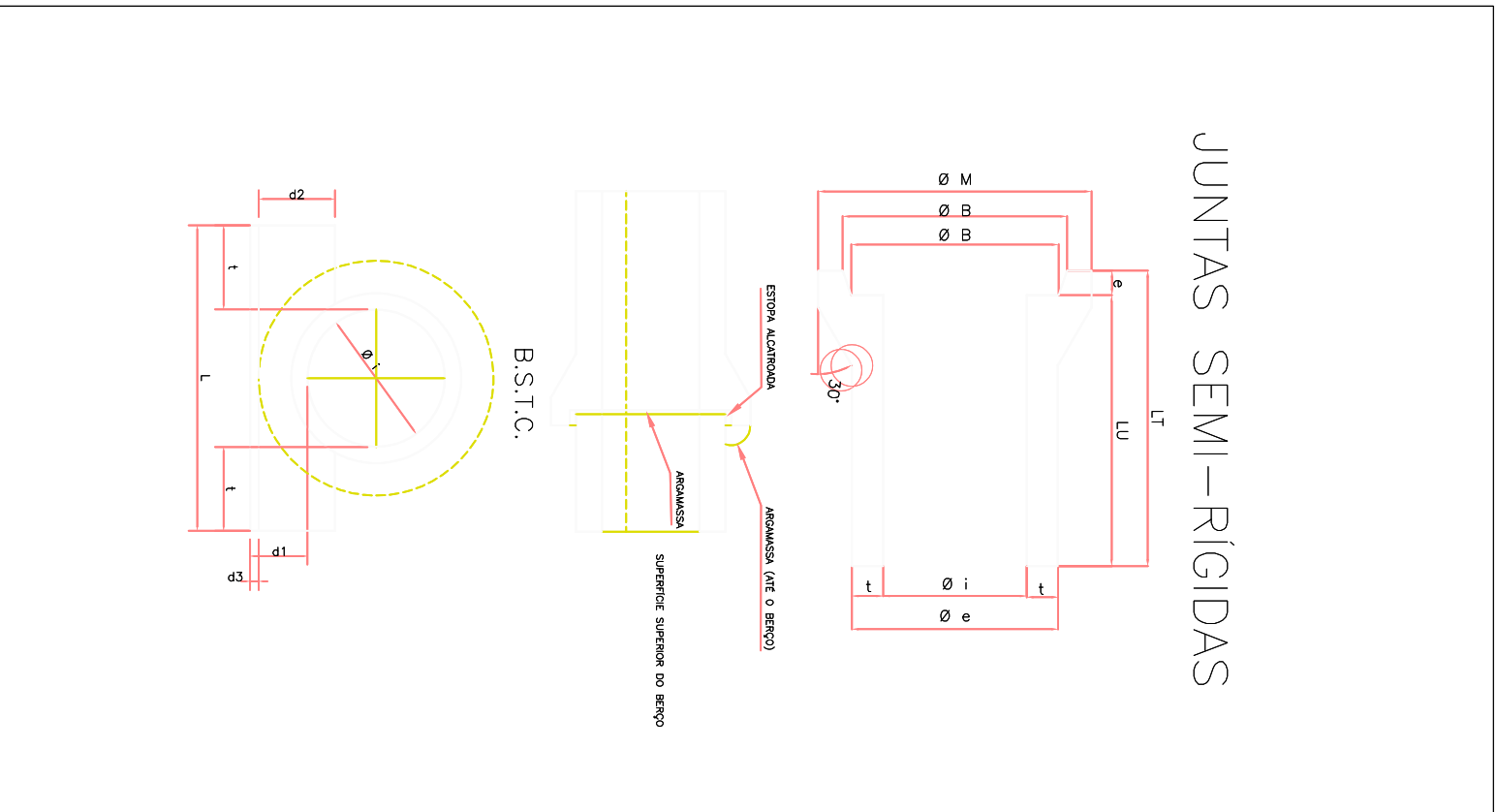
OBRA	PAVIMENTAÇÃO ASFALTICA E DRENAGEM DE ÁGUAS PLUVIAIS
TIPO DE OBRA	Institucional
PROPRIETÁRIO - C/C	PREFEITURA MUNICIPAL DE SÃO JOSÉ DOS QUATRO MARCOS
LOCAL - INSCRIÇÃO CADASTRAL	BAIRRO JARDIM RONDON
ASSINTO	PRANINHA
DRENAGEM DE ÁGUAS PLUVIAIS	LOCAÇÃO DE DRENAGEM, PERFIL E DETALHES
AUTOR DO PROJETO	ROBSON DARTIO SOUSA
RESPONSÁVEL TÉCNICO P/ OBRA	

ARQUIVO	TERRAPLENAGEM: 46,473,38m² PAVIMENTAÇÃO: 45,063,11m² EXT. RIDE: 829,00 m	ESCALA	INDICADA	FOLHA
DATA:	MAIO/2022			01/01

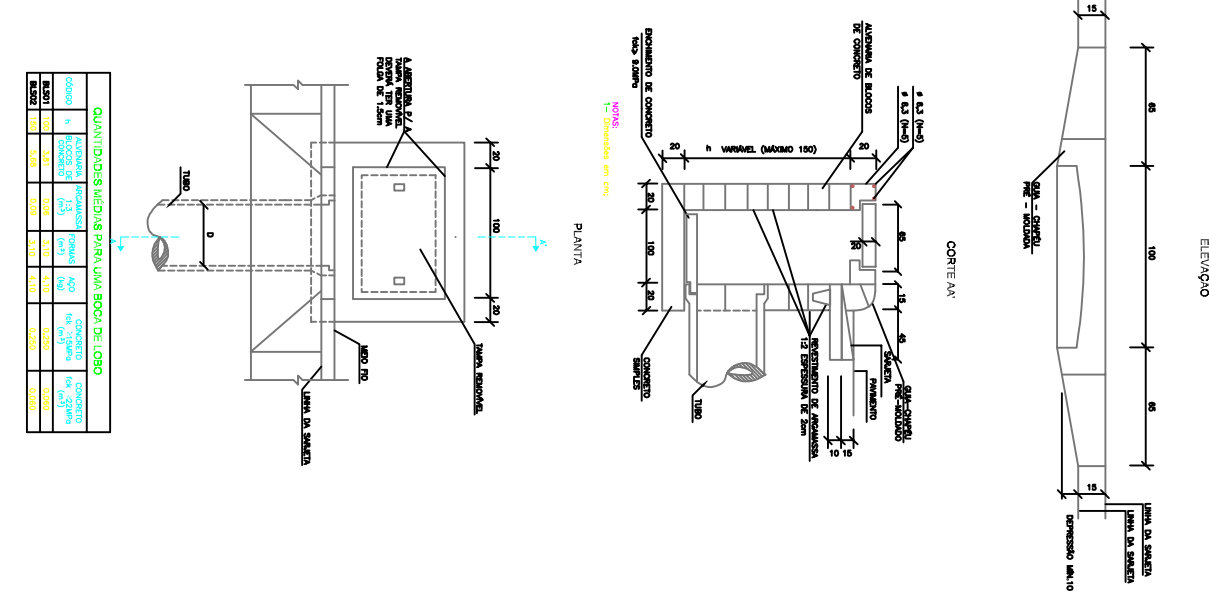
TABELA DE ARMADURAS DA TAMPA

PERÍMETRO									
N1	N2	N3	N4	N5	N6	N7	N8	N9	
40	6,5x/15	-	6,5x/15	3 # 12,5	-	3 # 12,5	4 # 6,3	12 # 10	
60	6,5x/15	-	6,5x/15	3 # 12,5	-	3 # 12,5	4 # 6,3	12 # 10	
80	6,5x/15	-	6,5x/15	3 # 12,5	-	3 # 12,5	4 # 6,3	12 # 10	
100	6,5x/15	-	6,5x/15	3 # 12,5	-	3 # 12,5	4 # 6,3	12 # 10	
120	6,5x/15	-	6,5x/15	3 # 12,5	-	3 # 12,5	4 # 6,3	12 # 10	
140	6,5x/15	-	6,5x/15	3 # 12,5	-	3 # 12,5	4 # 6,3	12 # 10	
160	6,5x/15	-	6,5x/15	3 # 12,5	-	3 # 12,5	4 # 6,3	12 # 10	

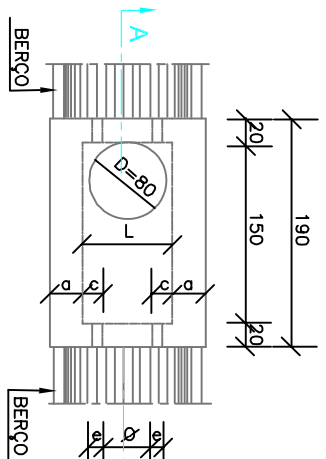
JUNTAS SEMI-RÍGIDAS



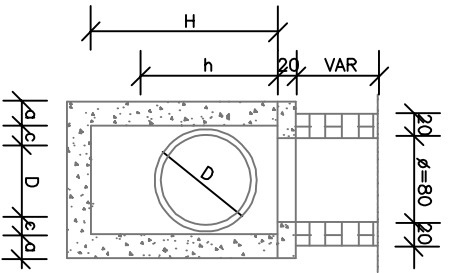
BORSA DE LUBO SIMPLES



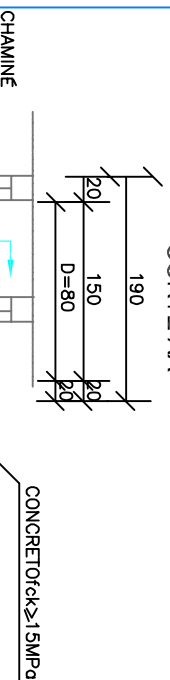
PLANTA



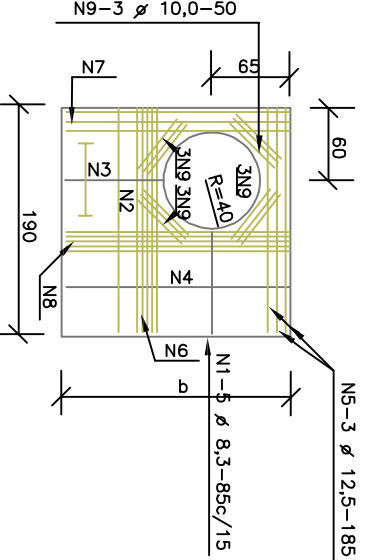
CORTE BB



CORTE AA'



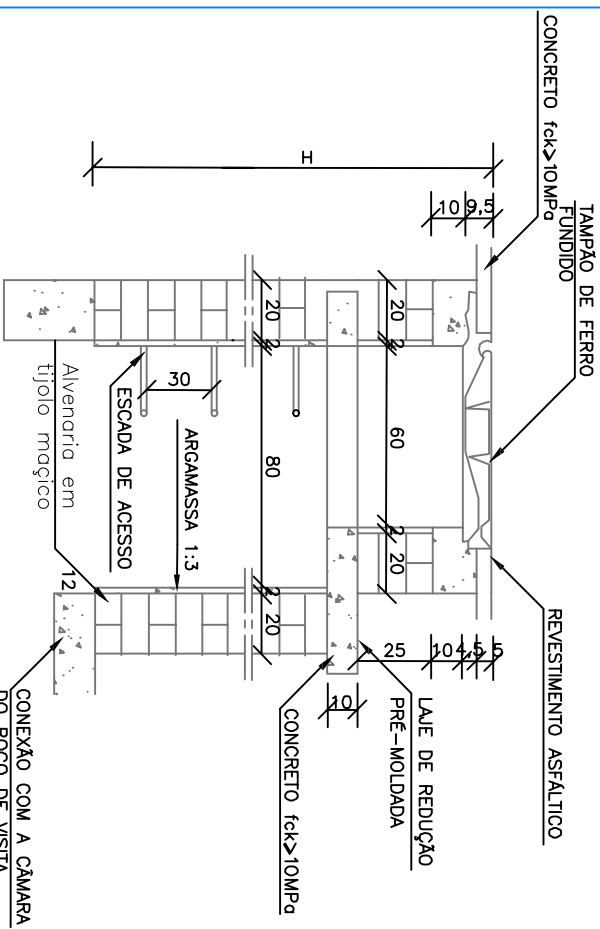
TAMPA DOS POÇOS DE VISITA



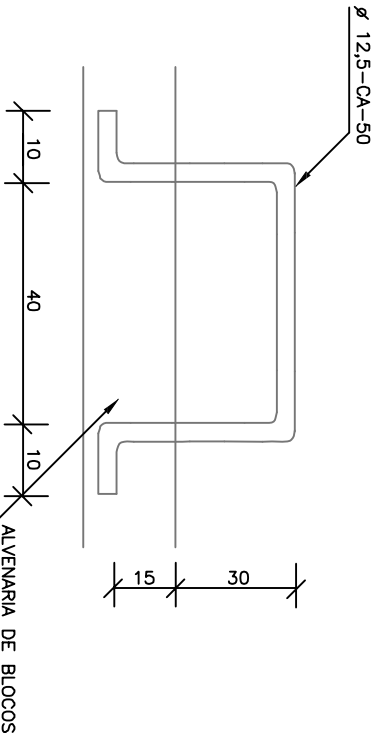
NOTAS:

- 1 - Dimensões em cm;
- 2 - Bóias em aço Ca-60; largura 2,50m;
- 3 - As condições apresentadas não incluem o cimento.

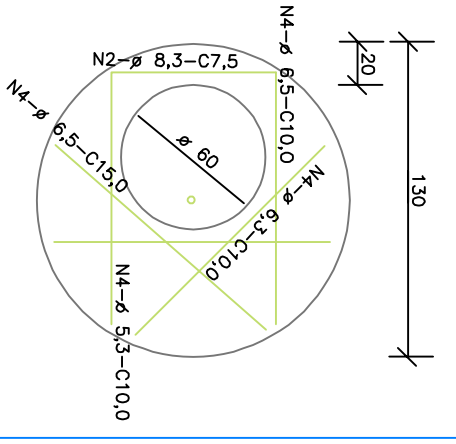
CORTE TRANSVERSAL



DEGRÁUS DA ESCADA DE ACESSO

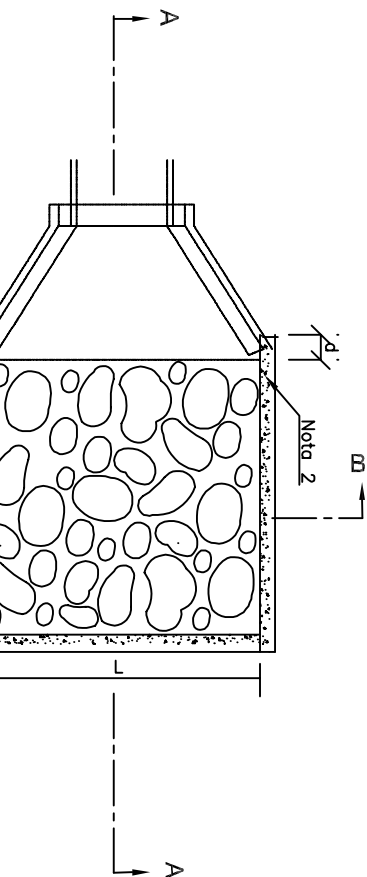


LAJE DE REDUÇÃO

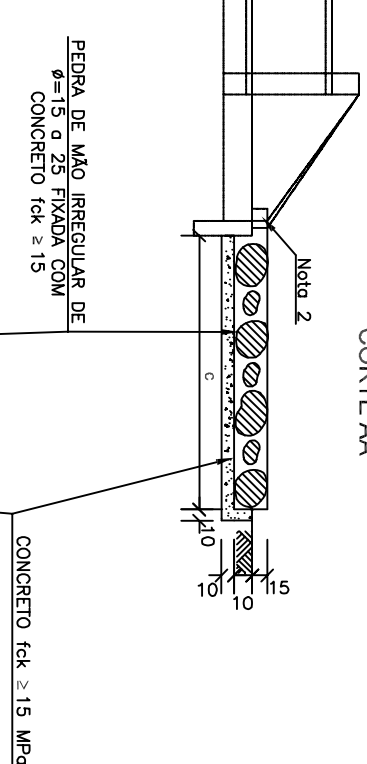


DISSIPADORES DE ENERGIA (II)

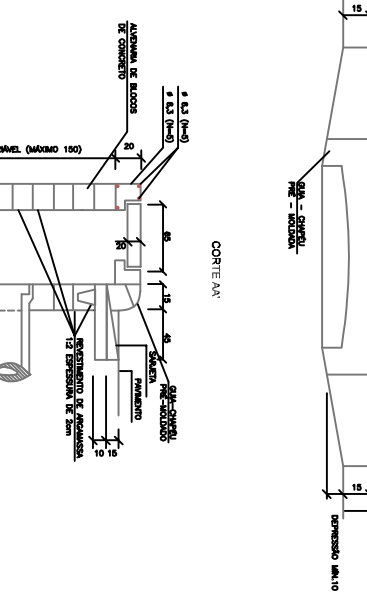
PLANTA



CORTE AA'



CORTE BB'



PERLA DE MÃO IRREGULAR DE

CONCRETO fck = 15 MPa

CORTE BB'

CONCRETO fck = 15 MPa

DIMENSÕES E CONSUMOS MÉDIOS PARA UMA UNIDADE

TIPO	ADAPTIVEL	C	L	d	g	CONCRETO (m³)	FERRO (kg)	RESERVAÇÃO (m³)	ESCALADA (m³)
DEB 01	DEB01/02/03	200	70	10	15	0,35800	2,720	0,310	0,284
DEB 02	DEB02/03/04	240	120	30	15	0,61350	5,650	0,650	0,650
DEB 03	DEB03/04/05/06/07	240	150	30	15	0,61350	5,650	0,650	0,650
DEB 04	DEB04/05/06/07/08	320	180	30	15	1,00500	5,700	1,146	1,155
DEB 05	DEB05/06/07/08/09/10	320	210	30	15	1,37450	6,120	1,584	1,584
DEB 06	DEB06/07/08/09/10/11/12	360	240	30	15	1,74400	6,540	2,022	2,022
DEB 07	DEB07/08/09/10/11/12/13	360	270	30	15	2,09800	6,990	2,460	2,460
DEB 08	DEB08/09/10/11/12/13/14	400	300	30	15	2,45250	7,500	2,898	2,898
DEB 09	DEB09/10/11/12/13/14/15	400	330	30	15	2,80700	7,950	3,336	3,336
DEB 10	DEB10/11/12/13/14/15/16	440	360	30	15	3,16150	8,520	3,774	3,774
DEB 11	DEB11/12/13/14/15/16/17	480	390	30	15	3,51600	9,090	4,212	4,212
DEB 12	DEB12/13/14/15/16/17/18	480	420	30	15	3,87050	9,660	4,650	4,650
DEB 13	DEB13/14/15/16/17/18/19	520	450	30	15	4,22500	10,230	5,088	5,088
DEB 14	DEB14/15/16/17/18/19/20	560	480	30	15	4,57950	10,800	5,526	5,526
DEB 15	DEB15/16/17/18/19/20/21	600	510	30	15	4,93400	11,370	5,964	5,964
DEB 16	DEB16/17/18/19/20/21/22	640	540	30	15	5,28850	11,940	6,402	6,402
DEB 17	DEB17/18/19/20/21/22/23	680	570	30	15	5,64300	12,510	6,840	6,840
DEB 18	DEB18/19/20/21/22/23/24	720	600	30	15	6,000	13,080	7,278	7,278
DEB 19	DEB19/20/21/22/23/24/25	760	630	30	15	6,35450	13,650	7,716	7,716
DEB 20	DEB20/21/22/23/24/25/26	800	660	30	15	6,70900	14,220	8,154	8,154
DEB 21	DEB21/22/23/24/25/26/27	840	690	30	15	7,06350	14,790	8,592	8,592
DEB 22	DEB22/23/24/25/26/27/28	880	720	30	15	7,41800	15,360	9,030	9,030
DEB 23	DEB23/24/25/26/27/28/29	920	750	30	15	7,77250	15,930	9,468	9,468
DEB 24	DEB24/25/26/27/28/29/30	960	780	30	15	8,12700	16,500	9,906	9,906
DEB 25	DEB25/26/27/28/29/30/31	1000	810	30	15	8,48150	17,070	10,344	10,344
DEB 26	DEB26/27/28/29/30/31/32	1040	840	30	15	8,83600	17,640	10,782	10,782
DEB 27	DEB27/28/29/30/31/32/33	1080	870	30	15	9,19050	18,210	11,220	11,220
DEB 28	DEB28/29/30/31/32/33/34	1120	900	30	15	9,54500	18,780	11,658	11,658
DEB 29	DEB29/30/31/32/33/34/35	1160	930	30	15	9,89950	19,350	12,096	12,096
DEB 30	DEB30/31/32/33/34/35/36	1200	960	30	15	10,25400	19,920	12,534	12,534
DEB 31	DEB31/32/33/34/35/36/37	1240	990	30	15	10,60850	20,490	12,972	12,972
DEB 32	DEB32/33/34/35/36/37/38	1280	1020	30	15	10,96300	21,060	13,410	13,410
DEB 33	DEB33/34/35/36/37/38/39	1320	1050	30	15	11,31750	21,630	13,848	13,848
DEB 34	DEB34/35/36/37/38/39/40	1360	1080	30	15	11,67200	22,200	14,286	14,286
DEB 35	DEB35/36/37/38/39/40/41	1400	1110	30	15	12,02650	22,770	14,724	14,724
DEB 36	DEB36/37/38/39/40/41/42	1440	1140	30	15	12,38100	23,340	15,162	15,162
DEB 37	DEB37/38/39/40/41/42/43	1480	1170	30	15	12,73550	23,910	15,600	15,600
DEB 38	DEB38/39/40/41/42/43/44	1520	1200	30	15	13,09000	24,480	16,038	16,038
DEB 39	DEB39/40/41/42/43/44/45	1560	1230	30	15	13,44450	25,050	16,476	16,476
DEB 40	DEB40/41/42/43/44/45/46	1600	1260	30	15	13,79900	25,620	16,914	16,914
DEB 41	DEB41/42/43/44/45/46/47	1640	1290	30	15	14,15350	26,190	17,352	17,352
DEB 42	DEB42/43/44/45/46/47/48	1680	1320	30	15	14,50800	26,760	17,790	17,790
DEB 43	DEB43/44/45/46/47/48/49	1720	1350	30	15	14,86250	27,330	18,228	18,228
DEB 44	DEB44/45/46/47/48/49/50	1760	1380	30	15	15,21700	27,900	18,666	18,666
DEB 45	DEB45/46/47/48/49/50/51	1800	1410	30	15	15,57150	28,470	19,104	19,104
DEB 46	DEB46/47/48/49/50/51/52	1840	1440	30	15	15,92600	29,040	19,542	19,542
DEB 47	DEB47/48/49/50/51/52/53	1880	1470	30	15	16,28050	29,610	19,980	19,980
DEB 48	DEB48/49/50/51/52/53/54	1920	1500	30	15	16,63500	30,180	20,418	20,418
DEB 49	DEB49/50/51/52/53/54/55	1960	1530	30	15	16,98950	30,750	20,856	20,856
DEB 50	DEB50/51/52/53/54/55/56	2000	1560	30	15	17,34400	31,320	21,294	21,294
DEB 51	DEB51/52/53/54/55/56/57	2040	1590	30	15	17,69850	31,890	21,732	21,732
DEB 52	DEB52/53/54/55/56/57/58	2080	1620	30	15	18,05300	32,460	22,170	22,170
DEB 53	DEB53/54/55/56/57/58/59	2120	1650	30	15	18,40750	33,030	22,608	22,608
DEB 54	DEB54/55/56/57/58/59/60	2160	1680	30	15	18,76200	33,600	23,046	23,046
DEB 55	DEB55/56/57/58/59/60/61	2200	1710	30	15	19,11650	34,170	23,484	23,484
DEB 56	DEB56/57/58/59/60/61/62	2240	1740	30	15	19,47100	34,740	23,922	23,922
DEB 57	DEB57/58/59/60/61/62/63	2280	1770	30	15	19,82550	35,310	24,360	24,360
DEB 58	DEB58/59/60/61/62/63/64	2320	1800	30	15	20,18000	35,880	24,798	24,798
DEB 59	DEB59/60/61/62/63/64/65	2360	1830	30	15	20,53450	36,450	25,236	25,236
DEB 60	DEB60/61/62/63/64/65/66	2400	1860	30	15	20,88900	37,020	25,674	25,674
DEB 61	DEB61/62/63/64/65/66/67	2440	1890	30	15	21,24350	37,590	26,112	26,112
DEB 62	DEB62/63/64/65/66/67/68	2480	1920	30	15	21,59800	38,160	26,550	26,550
DEB 63	DEB63/64/65/66/67/68/69	2520	1950	30	15	21,95250	38,730	26,988	26,988
DEB 64	DEB64/65/66/67/68/69/70	2560	1980	30	15	22,30700	39,300	27,426	27,426
DEB 65	DEB65/66/67/68/69/70/71	2600	2010	30	15	22,66150	39,870	27,864	27,864
DEB 66	DEB66/67/68/69/70/71/72	2640	2040	30	15	23,01600	40,440	28,302	28,302
DEB 67	DEB67/68/69/70/71/72/73	2680	2070	30	15	23,37050	41,010	28,740	28,740
DEB 68	DEB68/69/70/71/72/73/74	2720	2100	30	15	23,72500	41,580	29,178	29,178
DEB 69	DEB69/70/71/72/73/74/75	2760	2130	30	15	24,07950	42,150	29,616	29,616
DEB 70	DEB70/71/72/73/74/75/76	2800	2160	30	15	24,43400	42,720	30,054	30,054
DEB 71	DEB71/72/73/74/75/76/77	2840	2190	30	15	24,78850	43,290	30,492	30,492
DEB 72	DEB72/73/74/75/76/77/78	2880	2220	30	15	25,14300	43,860	30,930	30,930
DEB 73	DEB73/74/75/76/77/78/79	2920	2250	30	15	25,49750	44,430	31,368	31,368
DEB 74	DEB74/75/76/77/78/79/80	2960	2280	30	15	25,85200	45,000	31,806	31,806
DEB 75	DEB75/76/77/78/79/80/81	3000	2310	30	15	26,20650	45,570	32,244	32,244
DEB 76	DEB76/77/78/79/80/81/82	3040	2340	30	15	26,56100	46,140	32,682	32,682
DEB 77	DEB77/78/79/80/81/82/83	3080	2370	30	15	26,91550	46,710	33,120	33,120
DEB 78	DEB78/79/80/81/82/83/84	3120	2400	30	15	27,27000	47,280	33,558	33,558
DEB 79	DEB79/80/81/82/83/84/85	3160	2430	30	15	27,62450	47,850	33,996	33,996
DEB 80	DEB80/81/82/83/84/85/86	3200	2460	30	15	27,97900	48,420	34,434	34,434
DEB 81	DEB81/82/83/84/85/86/87	3240	2490	30	15	28,33350	48,990	34,872	34,872
DEB 82	DEB82/83/84/85/86/87/88	3280	2520	30	15	28,68800	49,560	35,310	35,310
DEB 83	DEB83/84/85/86/87/88/89	3320	2550	30	15	29,04250	50,130	35,748	35,748
DEB 84	DEB84/85/86/87/88/89/90	3360	2580	30	15	29,39700	50,700	36,186	36,186
DEB 85	DEB85/86/87/88/89/90/91	3400	2610	30	15	29,75150	51,270	36,624	36,624
DEB 86	DEB86/87/88/89/90/91/92	3440	2640	30	15	30,10600	51,840	37,062	37,062
DEB 87	DEB87/88/89/90/91/92/93	3480	2670	30	15	30,46050	52,410	37,500	37,500
DEB 88	DEB88/89/90/91/92/93/94	3520	2700	30	15	30,81500	52,980	37,938	37,938
DEB 89	DEB89/90/91/92/93/94/95	3560	2730	30	15	31,16950	53,550	38,376	38,376
DEB 90	DEB90/91/92/93/94/95/96	3600	2760	30	15	31,52400	54,120	38,814	38,814
DEB 91	DEB91/92/93/94/95/96/97	3640	2790	30	15	31,87850	54,690	39,252	39,252
DEB 92	DEB92/93/94/95/96/97/98	3680	2820	30	15	32,23300	55,260	39,690	39,690
DEB 93	DEB93/94/95/96/97/98/99	3720	2850	30	15	32,58750	55,830	40,128	40,128
DEB 94	DEB94/95/96/97/98/99/100	3760	2880	30	15	32,94200	56,400	40,566	40,566
DEB 95	DEB95/96/97/98/99/100/101	3800	2910	30	15	33,29650	56,970	41,004	41,004
DEB 96	DEB96/97/98/99/100/101/102	3840	2940	30	15	33,65100	57,540	41,442	41,442
DEB 97	DEB97/98/99/100/101/102/103	3880	2970	30	15	34,00550	58,110	41,880	41,880
DEB 98	DEB98/99/100/101/102/103/104	3920	3000	30	15	34,36000	58,680	42,318	42,318
DEB 99	DEB99/100/101/102/103/104/105	3960	3030	30	15	34,71450	59,250	42,756	42,756
DEB 100	DEB100/101/102/103/104/105/106	4000	3060	30	15	35,06900	59,820	43,194	43,194