

EBAR E IMPULSIÓN DE EL CHORRICO										
DENOMINACION	Ø (mm)	Peso (kg/m)	Long. (m)				Separación (m)	Long. aplicación (m)	nº barras	Total (kg)
			Patilla inicial	Long. Recta	Patilla final	Long. Total				
ARQUETA VÁLVULAS										
Losa cimentación										
Long.sup	12	0.89	0.2	4.2	0.2	4.6	0.2	3	16	65.50
Long.sup	12	0.89	0.2	2.7	0.2	3.1	0.2	1.1	6	16.55
Long.inf	12	0.89	0.2	4.2	0.2	4.6	0.2	3	16	65.50
Long.inf	12	0.89	0.2	2.7	0.2	3.1	0.2	1.1	6	16.55
Trans.sup	12	0.89	0.2	4.1	0.2	4.5	0.2	2.7	14	56.07
Trans.sup	12	0.89	0.2	3	0.2	3.4	0.2	1.4	8	24.21
Trans.inf	12	0.89	0.2	4.1	0.2	4.5	0.2	2.7	14	56.07
Trans.inf	12	0.89	0.2	3	0.2	3.4	0.2	1.4	8	24.21
TOTAL										324.67
Muro Longitudinal										
Horizontal Trasdós	12	0.89	0.15	3.95	0.15	4.25	0.2	2.05	11	41.61
Vertical Trasdós	12	0.89		2.1	0.15	2.25	0.2	3.95	20	40.05
Arranques Trasdós	12	0.89	0.3	1.05		1.35	0.2	3.95	20	24.03
Horizontal Intradós	12	0.89	0.15	3.95	0.15	4.25	0.2	2.05	11	41.61
Vertical Intradós	12	0.89		2.1	0.15	2.25	0.2	3.95	20	40.05
Arranques Intradós	12	0.89	0.3	1.05		1.35	0.2	3.95	20	24.03
Refuerzo cabeza	16	1.58		3.95		3.95			4	24.96
TOTAL (x2 ud)										472.68
Muro Transversal										
Horizontal Trasdós	12	0.89	0.15	3.6	0.15	3.9	0.2	2.05	11	38.18
Vertical Trasdós	12	0.89		2.1	0.15	2.25	0.2	3.6	19	38.05
Arranques Trasdós (x2)	12	0.89	0.3	1.05		1.35	0.2	3.6	19	45.66
Horizontal Intradós	12	0.89	0.15	3.6	0.15	3.9	0.2	2.05	11	38.18
Vertical Intradós	12	0.89		2.1	0.15	2.25	0.2	3.6	19	38.05
Arranques Intradós (x2)	12	0.89	0.3	1.05		1.35	0.2	3.6	19	45.66
Refuerzo cabeza	16	1.58		3.6		3.6			4	22.75
TOTAL										266.52
Losa tapadera										
Long.sup	12	0.89	0.2	3.95	0.2	4.35	0.2	2.6	14	54.20
Long.sup	12	0.89	0.2	2.45	0.2	2.85	0.2	1.1	6	15.22
Long.inf	12	0.89	0.2	3.95	0.2	4.35	0.2	2.6	14	54.20
Long.inf	12	0.89	0.2	2.45	0.2	2.85	0.2	1.1	6	15.22
Trans.sup	12	0.89	0.2	3.6	0.2	4	0.2	2.45	13	46.28
Trans.sup	12	0.89	0.2	2.5	0.2	2.9	0.2	1.45	8	20.65
Trans.inf	12	0.89	0.2	3.6	0.2	4	0.2	2.45	13	46.28
Trans.inf	12	0.89	0.2	2.5	0.2	2.9	0.2	1.45	8	20.65
TOTAL										272.70
Zuncho refuerzo hueco losa (20x25)										
Superior	12	0.89	0.18	1.2	0.18	1.56			2	2.78
Inferior	12	0.89	0.18	1.2	0.18	1.56			2	2.78
Estribos	6	0.22		0.82		0.82			6	1.08
TOTAL (x5ud)										33.18
Zuncho refuerzo hueco losa (20x25)										
Superior	12	0.89	0.18	1.7	0.18	2.06			2	3.67
Inferior	12	0.89	0.18	1.7	0.18	2.06			2	3.67
Estribos	6	0.22		0.82		0.82			9	1.62
TOTAL										8.96
Zuncho refuerzo hueco losa (20x25)										
Superior	12	0.89	0.18	3	0.18	3.36			2	5.98
Inferior	12	0.89	0.18	3	0.18	3.36			2	5.98
Estribos	6	0.22		0.82		0.82			17	3.07
TOTAL (x2ud)										30.06
TOTAL										1408.76
TOTAL (con 10% mermas y despuntes)										
										1549.64

EBAR E IMPULSIÓN DE EL CHORRICO										
DENOMINACION	Ø (mm)	Peso (kg/m)	Long. (m)				Separación (m)	Long. aplicación (m)	nº barras	Total (kg)
			Patilla Inicial	Long. Recta	Patilla final	Long. Total				
POZO BOMBEO										
Losa cimentación										
Long.sup	12	0.89	0.25	4.1	0.25	4.6	0.2	6.45	33	135.10
Long.inf	12	0.89	0.25	4.1	0.25	4.6	0.2	6.45	33	135.10
Trans.sup	12	0.89	0.25	6.45	0.25	6.95	0.2	4.1	21	129.90
Trans.inf	12	0.89	0.25	6.45	0.25	6.95	0.2	4.1	21	129.90
TOTAL										530.00
Muro Longitudinal (x 2 ud)										
Horizontal Trasdós	12	0.89	0.25	5.95	0.25	6.45	0.2	3.65	19	109.07
Vertical Trasdós	12	0.89		3.7	0.25	3.95	0.2	5.95	30	105.47
Arranques Trasdós	12	0.89	0.3	1.1		1.4	0.2	5.95	30	37.38
Horizontal Intradós	12	0.89	0.25	5.45	0.25	5.95	0.2	3.65	19	100.61
Vertical Intradós	12	0.89		3.7	0.25	3.95	0.2	5.95	30	105.47
Arranques Intradós	12	0.89	0.3	1.1		1.4	0.2	5.95	30	37.38
Refuerzo cabeza	16	1.58		5.95		5.95			2	18.80
TOTAL (2 ud)										1028.35
Muro Longitudinal										
Horizontal Trasdós	12	0.89	0.25	2.6	0.25	3.1	0.2	3.65	19	52.42
Vertical Trasdós	12	0.89		3.7	0.25	3.95	0.2	2	11	38.67
Arranques Trasdós	12	0.89	0.3	1.1		1.4	0.2	2	11	13.71
Horizontal Intradós	12	0.89	0.25	2.6	0.25	3.1	0.2	3.65	19	52.42
Vertical Intradós	12	0.89		3.7	0.25	3.95	0.2	2	11	38.67
Arranques Intradós	12	0.89	0.3	1.1		1.4	0.2	2	11	13.71
Refuerzo cabeza	16	1.58		3.6		3.6			2	11.38
TOTAL										220.97
Muro Transversal (x 3 ud)										
Horizontal Trasdós	12	0.89	0.25	3.6	0.25	4.1	0.2	3.65	19	69.33
Vertical Trasdós	12	0.89		3.7	0.25	3.95	0.2	3.6	19	66.79
Arranques Trasdós	12	0.89	0.3	1.1		1.4	0.2	3.6	19	23.67
Horizontal Intradós	12	0.89	0.25	3.1	0.25	3.6	0.2	3.65	19	60.88
Vertical Intradós	12	0.89		3.7	0.25	3.95	0.2	3.6	19	66.79
Arranques Intradós	12	0.89	0.3	1.1		1.4	0.2	3.6	19	23.67
Refuerzo cabeza	16	1.58		3.6		3.6			2	11.38
TOTAL										967.56
Muro Tranquilizador										
Horizontal Trasdós	10	0.62	0.2	2	0.2	2.4	0.2	1.95	10	14.88
Horizontal Trasdós	10	0.62	0.2	0.7	0.2	1.1	0.2	1.95	10	6.82
Vertical Trasdós	10	0.62		1.9	0.1	2	0.2	3	16	19.84
Arranques Trasdós	10	0.62	0.25	0.8		1.05	0.2	3	16	10.42
Horizontal Intradós	10	0.62	0.2	2	0.2	2.4	0.2	1.95	10	14.88
Horizontal Trasdós	10	0.62	0.2	0.7	0.2	1.1	0.2	1.95	10	6.82
Vertical Intradós	10	0.62		1.9	0.1	2	0.2	3	16	19.84
Arranques Intradós	10	0.62	0.25	0.8		1.05	0.2	3	16	10.42
Refuerzo cabeza	12	0.89		2		2			2	3.56
TOTAL										107.47
Losa tapadera										
Long.sup	12	0.89	0.25	3.6	0.25	4.1	0.2	5.95	30	109.47
Long.inf	12	0.89	0.25	3.6	0.25	4.1	0.2	5.95	30	109.47
Trans.sup	12	0.89	0.25	5.95	0.25	6.45	0.2	3.6	19	109.07
Trans.inf	12	0.89	0.25	5.95	0.25	6.45	0.2	3.6	19	109.07
TOTAL										437.08

EBAR E IMPULSIÓN DE EL CHORRICO										
DENOMINACION	Ø (mm)	Peso (kg/m)	Long. (m)			Separación (m)	Long. aplicación (m)	nº barras	Total (kg)	
			Patilla inicial	Long. Recta	Patilla final					Long. Total
POZO BOMBEO										
Zuncho refuerzo hueco losa (20x25)										
Superior	12	0.89	0.18	1.2	0.18	1.56		2	2.78	
Inferior	12	0.89	0.18	1.2	0.18	1.56		2	2.78	
Estribos	6	0.22		0.82		0.82		6	1.08	
TOTAL (x7ud)									46.45	
Zuncho refuerzo hueco losa (25x25)										
Superior	12	0.89	0.18	3	0.18	3.36		3	8.97	
Inferior	12	0.89	0.18	3	0.18	3.36		3	8.97	
Estribos	6	0.22		0.92		0.92		17	3.44	
TOTAL (x2ud)									21.38	
Zuncho refuerzo hueco losa (25x25)										
Superior	12	0.89	0.18	1.2	0.18	1.56		3	4.17	
Inferior	12	0.89	0.18	1.2	0.18	1.56		3	4.17	
Estribos	6	0.22		0.92		0.92		6	1.21	
TOTAL									9.54	
Zuncho refuerzo hueco losa (32x25)										
Superior	12	0.89	0.18	3	0.18	3.36		3	8.97	
Inferior	12	0.89	0.18	3	0.18	3.36		3	8.97	
Estribos	6	0.22		1.06		1.06		17	3.96	
TOTAL									21.91	
Zuncho refuerzo hueco losa (40x25)										
Superior	12	0.89	0.18	2.35	0.18	2.71		3	7.24	
Inferior	12	0.89	0.18	2.35	0.18	2.71		3	7.24	
Estribos	6	0.22		1.34		1.34		12	3.54	
TOTAL									18.01	
TOTAL									3408.72	
TOTAL (con 10% mermas y despuntes)									3749.60	

EBAR E IMPULSIÓN DE EL CHORRICO										
DENOMINACION	Ø (mm)	Peso (kg/m)	Long. (m)			Separación (m)	Long. aplicación (m)	nº barras	Total (kg)	
			Patilla inicial	Long. Recta	Patilla final					Long. Total
MUROS PERIMETRALES										
Zapata corrida										
Long sup	12	0.89	0.2	11.5	0.2	11.9	0.2	1.1	6	63.55
Long.inf	12	0.89	0.2	11.5	0.2	11.9	0.3	1.1	4	42.36
Trans.sup	12	0.89	0.2	1	0.2	1.4	0.2	11.5	58	72.27
Trans.inf	12	0.89	0.2	1	0.2	1.4	0.2	11.5	58	72.27
TOTAL										250.45
Zapata corrida										
Long sup	12	0.89	0.2	4.1	0.2	4.5	0.2	1.1	6	24.03
Long.inf	12	0.89	0.2	4.1	0.2	4.5	0.3	1.1	4	16.02
Trans.sup	12	0.89	0.2	1	0.2	1.4	0.2	4.1	21	26.17
Trans.inf	12	0.89	0.2	1	0.2	1.4	0.2	4.1	21	26.17
TOTAL (x2ud)										184.76
Zapata corrida										
Long sup	12	0.89	0.2	11.5	0.2	11.9	0.25	0.75	4	42.36
Long.inf	12	0.89	0.2	11.5	0.2	11.9	0.3	0.75	3	31.77
Trans.sup	12	0.89	0.2	0.65	0.2	1.05	0.25	11.5	47	43.92
Trans.inf	12	0.89	0.2	0.65	0.2	1.05	0.25	11.5	47	43.92
TOTAL										161.98
Muro Longitudinal (x 1 ud)										
Horizontal Trasdós	12	0.89	0.15	11.5	0.15	11.8	0.25	1.9	8	84.02
Vertical Trasdós	12	0.89		1.95	0.15	2.1	0.2	11.5	58	108.40
Arranques Trasdós	12	0.89	0.3	0.8		1.1	0.2	11.5	58	56.78
Horizontal Intradós	12	0.89	0.15	11.2	0.15	11.5	0.25	1.9	8	81.88
Vertical Intradós	12	0.89		1.95	0.15	2.1	0.2	11.5	58	108.40
Arranques Intradós	12	0.89	0.3	0.8		1.1	0.2	11.5	58	56.78
Refuerzo cabeza	12	0.89		11.5		11.5			2	20.47
TOTAL (1 ud)										1033.47
Muro Transversal (x 2 ud)										
Horizontal Trasdós	12	0.89	0.15	4.1	0.15	4.4	0.25	1.9	8	31.33
Vertical Trasdós	12	0.89		1.95	0.15	2.1	0.2	4.1	21	39.25
Arranques Trasdós	12	0.89	0.3	0.8		1.1	0.2	4.1	21	20.56
Horizontal Intradós	12	0.89	0.15	3.8	0.15	4.1	0.25	1.9	8	29.19
Vertical Intradós	12	0.89		1.95	0.15	2.1	0.2	4.1	21	39.25
Arranques Intradós	12	0.89	0.3	0.8		1.1	0.2	4.1	21	20.56
Refuerzo cabeza	12	0.89		4.1		4.1			2	7.30
TOTAL (2 ud)										374.87
Muro Longitudinal (x 1 ud)										
Horizontal Trasdós	12	0.89	0.15	11.5	0.15	11.8	0.25	0.9	4	42.01
Vertical Trasdós	12	0.89		1.2	0.3	1.5	0.25	11.5	47	62.75
Horizontal Intradós	12	0.89	0.15	11.2	0.15	11.5	0.25	0.9	4	40.94
Vertical Intradós	12	0.89		1.2	0.3	1.5	0.25	11.5	47	62.75
Refuerzo cabeza	12	0.89		11.5		11.5			2	20.47
TOTAL (1 ud)										457.82
TOTAL									2463.34	
TOTAL (con 10% mermas y despuntes)									2709.68	

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DENOMINACION	Ø (mm)	Peso (kg/m)	Long. (m)			Separación (m)	Long. aplicación (m)	nº barras	Total (kg)
			Patilla inicial	Long. Recta	Patilla final				
ARQUETA ROTURA									
Losa cimentación									
Long sup	12	0.89	0.2	2.6	0.2	3	1.9	10	26.70
Long inf	12	0.89	0.2	2.6	0.2	3	1.9	10	26.70
Trans sup	12	0.89	0.2	1.9	0.2	2.3	2.6	14	28.66
Trans inf	12	0.89	0.2	1.9	0.2	2.3	2.6	14	28.66
TOTAL									110.72
Muro Longitudinal (x 2 ud)									
Horizontal Trasdós	12	0.89	0.15	1.9	0.15	2.2	2.2	12	23.50
Vertical Trasdós	12	0.89		2.25	0.15	2.4	0.25	8	17.09
Arranques Trasdós	12	0.89	0.3	0.85		1.15	0.2	10	10.24
Horizontal Intradós	12	0.89	0.15	1.6	0.15	1.9	0.2	12	20.29
Vertical Intradós	12	0.89		2.25	0.15	2.4	0.25	8	17.09
Arranques Intradós	12	0.89	0.3	0.85		1.15	0.2	10	10.24
Refuerzo cabeza	16	1.58		1.9		1.9		2	6.00
TOTAL (2 ud)									208.88
Muro Transversal (x2 ud)									
Horizontal Trasdós	12	0.89	0.15	2.6	0.15	2.9	0.2	12	30.97
Vertical Trasdós	12	0.89		2.25	0.15	2.4	0.2	14	29.90
Arranques Trasdós	12	0.89	0.3	0.85		1.15	0.2	14	14.33
Horizontal Intradós	12	0.89	0.15	2.3	0.15	2.6	0.2	12	27.77
Vertical Intradós	12	0.89		2.25	0.15	2.4	0.2	14	29.90
Arranques Intradós	12	0.89	0.3	0.85		1.15	0.2	14	14.33
Refuerzo cabeza	16	1.58		2.6		2.6		2	8.22
TOTAL									310.84
Muro Tranquilizador									
Horizontal Trasdós	10	0.62	0.1	0.9	0.1	1.1	0.2	4	2.73
Vertical Trasdós	10	0.62		0.95	0.2	1.15	0.2	1	4.28
Horizontal Intradós	10	0.62	0.1	0.9	0.1	1.1	0.2	4	2.73
Vertical Intradós	10	0.62		0.95	0.2	1.15	0.2	1	4.28
TOTAL									14.01
Losa tapadera									
Long sup	12	0.89	0.2	2.6	0.2	3	1.9	10	26.70
Long inf	16	1.58	0.2	2.6	0.2	3	1.9	10	47.40
Trans sup	12	0.89	0.2	1.9	0.2	2.3	2.6	14	28.66
Trans inf	16	1.58	0.2	1.9	0.2	2.3	2.6	14	50.88
TOTAL									153.63
Zuncho refuerzo hueco losa (20x25)									
Superior	12	0.89	0.18	1.2	0.18	1.56		2	2.78
Inferior	12	0.89	0.18	1.2	0.18	1.56		2	2.78
Estribos	6	0.22		0.82		0.82		6	1.08
TOTAL (x2ud)									13.27
TOTAL									811.35
TOTAL (con 10% mermas y despuntes)									
892.49									

Perfil	p.k	Excavación (m²)	Relleno piedra (m²)	Relleno Zahorra A. (m²)	Relleno mat.excav (m²)	Excavación (m³)	Relleno piedra (m³)	Relleno Zahorra A. (m³)	Relleno mat.excav (m³)
1	0	34.85	15.24	2.72	7.59				
2	1	34.42	15.50	2.98	3.82	34.64	15.37	2.85	5.71
3	2	34.20	10.22	1.94	3.82	34.31	12.86	2.46	3.82
4	3	34.06	8.18	1.63	3.82	34.13	9.20	1.79	3.82
5	4	33.95	8.18	1.56	3.82	34.01	8.18	1.60	3.82
6	5	33.86	8.18	1.50	3.82	33.91	8.18	1.53	3.82
7	6	41.57	9.85	1.44	3.82	37.72	9.02	1.47	3.82
8	7	41.50	9.85	1.38	3.82	41.54	9.85	1.41	3.82
9	8	41.43	9.85	1.32	3.82	41.47	9.85	1.35	3.82
10	9	41.46	9.85	1.29	3.82	41.45	9.85	1.31	3.82
11	10	41.17	9.85	1.28	3.82	41.32	9.85	1.29	3.82
12	11	40.52	9.85	1.28	3.82	40.85	9.85	1.28	3.82
13	11.6	40.13	23.04	2.38	7.82	67.21	27.41	3.05	9.70
TOTALES						482.51	139.46	21.37	53.61

		LATERAL IZQUIERDO				LATERAL DERECHO				LATERAL IZQUIERDO				LATERAL DERECHO			
Perfil	p.k	Excavación (m²)	Relleno piedra (m²)	Relleno Zahorra A. (m²)	Relleno mat.excav (m²)	Excavación (m²)	Relleno piedra (m²)	Relleno Zahorra A. (m²)	Relleno mat.excav (m²)	Excavación (m³)	Relleno piedra (m³)	Relleno Zahorra A. (m³)	Relleno mat.excav (m³)	Excavación (m³)	Relleno piedra (m³)	Relleno Zahorra A. (m³)	Relleno mat.excav (m³)
1	0	6.14	3.98	0.82	0.38	5.00	4.29	0.55	0.00	9.21	5.97	1.23	0.57	7.50	6.44	0.83	0.00
2	1	7.37	3.98	0.82	0.61	6.11	4.29	0.79	0.21	7.37	3.98	0.82	0.61	6.11	4.29	0.79	0.21
3	2	8.98	3.98	0.82	1.22	7.63	4.29	0.79	1.34	8.98	3.98	0.82	1.22	7.63	4.29	0.79	1.34
4	3	10.87	3.98	0.82	1.83	9.10	4.29	0.79	2.64	10.87	3.98	0.82	1.83	9.10	4.29	0.79	2.64
5	4	12.74	3.98	0.82	2.58	10.78	4.29	0.79	3.75	12.74	3.98	0.82	2.58	10.78	4.29	0.79	3.75
6	4.2	13.11	3.98	0.82	2.58	11.14	4.29	0.79	3.75	36.05	10.95	2.26	7.10	30.64	11.80	2.17	10.31
TOTALES										85.22	32.84	6.77	13.91	71.76	35.39	6.16	18.25

LISTADO MEDICIONES AUXILIARES: IMPULSIÓN

EBAR E IMPULSIÓN DE EL CHORRICO (MOLINA DE SEGURA)

Inicio	Final	Diámetro	Rasante vial	Rasante vial	Rasante Plataforma	Rasante Plataforma	Longitud	Cota fondo		Cota fondo	Prof.total		Prof.total	Ancho fondo	Vol. excavado	Vol.arena	Vol.zahorras	Superficie
		mm	Inicio m	Final m	Inicio m	Final m		Inicio m	Final m		Inicio m	Final m			m	m3	m3	m3
0.000	0.360	250	120.238	120.241	120.238	120.241	0.36	117.3	117.3	117.3	3.038	3.041	0.8	0.8	1.451	0.287	1.147	0.000
0.360	0.575	250	120.241	120.341	120.241	120.341	0.215	117.3	117.3	117.3	3.041	3.141	0.8	0.8	0.905	0.171	0.724	0.000
0.575	2.000	250	120.341	120.469	120.341	120.469	1.425	117.3	117.3	117.3	3.141	3.269	0.8	0.8	6.587	1.134	5.383	0.000
2.000	2.019	250	120.469	120.481	120.469	120.481	0.019	117.3	117.315	117.315	3.269	3.266	0.8	0.8	0.092	0.015	0.076	0.000
2.019	3.777	250	120.481	121.596	120.481	121.596	1.758	117.315	118.705	118.705	3.266	2.991	0.8	0.8	7.680	1.399	6.194	0.000
3.777	4.000	250	121.596	121.67	121.596	121.67	0.223	118.705	118.882	118.882	2.991	2.888	0.8	0.8	0.852	0.177	0.664	0.000
4.000	4.393	250	121.67	121.801	121.67	121.801	0.393	118.882	119.193	119.193	2.888	2.708	0.8	0.8	1.429	0.313	1.097	0.000
4.393	5.000	250	121.801	122.193	121.801	122.193	0.607	119.193	119.673	119.673	2.708	2.62	0.8	0.8	2.102	0.483	1.589	0.000
5.000	6.000	250	122.193	122.838	122.193	122.838	1	119.673	120.464	120.464	2.62	2.474	0.8	0.8	3.311	0.796	2.466	0.000
6.000	8.000	250	122.838	124.128	122.838	124.128	2	120.464	122.045	122.045	2.474	2.183	0.8	0.8	6.054	1.592	4.364	0.000
8.000	10.000	250	124.128	125.418	124.128	125.418	2	122.045	123.627	123.627	2.183	1.891	0.8	0.8	4.708	1.309	3.301	0.000
10.000	12.000	250	125.418	126.709	125.418	126.709	2	123.627	125.209	125.209	1.891	1.6	0.8	0.8	3.406	1.026	2.282	0.000
12.000	14.000	250	126.709	127.999	126.709	127.999	2	125.209	126.339	126.339	1.6	1.76	0.8	0.8	3.254	1.026	2.129	0.000
14.000	15.000	250	127.999	128.644	127.999	128.644	1	126.339	126.905	126.905	1.76	1.839	0.8	0.8	1.764	0.513	1.201	0.000
15.000	15.128	250	128.644	128.727	128.644	128.727	0.128	126.905	126.977	126.977	1.839	1.85	0.8	0.8	0.232	0.066	0.160	0.000
15.128	16.000	250	128.727	128.84	128.727	128.84	0.872	126.977	127.072	127.072	1.85	1.868	0.8	0.8	1.598	0.447	1.108	0.000
16.000	16.103	250	128.84	128.853	128.84	128.853	0.103	127.072	127.083	127.083	1.868	1.87	0.8	0.8	0.190	0.053	0.132	0.000
16.103	16.833	250	128.853	128.945	128.853	128.945	0.73	127.083	127.162	127.162	1.87	1.883	0.8	0.8	1.353	0.375	0.942	0.000
16.833	16.873	250	128.945	128.955	128.945	128.955	0.04	127.162	127.166	127.166	1.883	1.889	0.8	0.8	0.075	0.021	0.052	0.000
16.873	16.888	250	128.955	128.953	128.955	128.953	0.015	127.166	127.168	127.168	1.889	1.885	0.8	0.8	0.028	0.008	0.020	0.000
16.888	16.938	250	128.953	128.803	128.953	128.803	0.05	127.168	127.173	127.173	1.885	1.73	0.8	0.8	0.089	0.026	0.061	0.000
16.938	17.981	250	128.803	128.808	128.803	128.808	1.043	127.173	127.286	127.286	1.73	1.622	0.8	0.8	1.692	0.535	1.105	0.000
17.981	18.000	250	128.808	128.808	128.808	128.808	0.019	127.286	127.288	127.288	1.622	1.62	0.8	0.8	0.030	0.010	0.019	0.027
18.000	18.138	250	128.808	128.808	128.808	128.808	0.138	127.288	127.303	127.303	1.62	1.605	0.8	0.8	0.214	0.071	0.136	0.196
18.138	18.171	250	128.808	128.807	128.808	128.807	0.033	127.303	127.307	127.307	1.605	1.6	0.8	0.8	0.051	0.017	0.032	0.047
18.171	20.000	250	128.807	128.719	128.807	128.719	1.829	127.307	127.219	127.219	1.6	1.6	0.8	0.8	2.809	0.939	1.781	2.597
20.000	21.146	250	128.719	128.664	128.719	128.664	1.146	127.219	127.164	127.164	1.6	1.6	0.8	0.8	1.760	0.588	1.116	1.627
21.146	22.000	250	128.664	128.627	128.664	128.627	0.854	127.164	127.127	127.127	1.6	1.6	0.8	0.8	1.312	0.438	0.832	1.213
22.000	22.376	250	128.627	128.61	128.627	128.61	0.376	127.127	127.11	127.11	1.6	1.6	0.8	0.8	0.578	0.193	0.366	0.534
22.376	22.824	250	128.61	128.591	128.61	128.591	0.448	127.11	127.091	127.091	1.6	1.6	0.8	0.8	0.688	0.230	0.436	0.636
22.824	24.000	250	128.591	128.536	128.591	128.536	1.176	127.091	127.036	127.036	1.6	1.6	0.8	0.8	1.806	0.603	1.145	1.670
24.000	25.000	250	128.536	128.489	128.536	128.489	1	127.036	126.989	126.989	1.6	1.6	0.8	0.8	1.536	0.513	0.974	1.420
25.000	26.000	250	128.489	128.442	128.489	128.442	1	126.989	126.942	126.942	1.6	1.6	0.8	0.8	1.536	0.513	0.974	1.420
26.000	28.000	250	128.442	128.348	128.442	128.348	2	126.942	126.848	126.848	1.6	1.6	0.8	0.8	3.072	1.026	1.948	2.840
28.000	28.721	250	128.348	128.314	128.348	128.314	0.721	126.848	126.814	126.814	1.6	1.6	0.8	0.8	1.107	0.370	0.702	1.024
28.721	30.000	250	128.314	128.272	128.314	128.272												

LISTADO MEDICIONES AUXILIARES: IMPULSIÓN

EBAR E IMPULSIÓN DE EL CHORRICO (MOLINA DE SEGURA)

Inicio	Final	Diámetro	Rasante vial	Rasante vial	Rasante Plataforma	Rasante Plataforma	Longitud	Cota fondo		Prof.total		Ancho fondo	Vol. excavado	Vol.arena	Vol.zahorras	Superficie pavimento
		mm	Inicio m	Final m	Inicio m	Final m		Inicio m	Final m	Inicio m	Final m		m	m3	m3	m3
108.000	110.000	250	132.018	132.168	132.018	132.168	2	130.518	130.668	1.6	1.6	0.8	3.072	1.026	1.948	2.840
110.000	110.825	250	132.168	132.23	132.168	132.23	0.825	130.668	130.73	1.6	1.6	0.8	1.267	0.423	0.803	1.172
110.825	111.319	250	132.23	132.266	132.23	132.266	0.494	130.73	130.766	1.6	1.6	0.8	0.759	0.254	0.481	0.701
111.319	112.000	250	132.266	132.315	132.266	132.315	0.681	130.766	130.815	1.6	1.6	0.8	1.046	0.349	0.663	0.967
112.000	112.353	250	132.315	132.341	132.315	132.341	0.353	130.815	130.841	1.6	1.6	0.8	0.542	0.181	0.344	0.501
112.353	112.726	250	132.341	132.364	132.341	132.364	0.373	130.841	130.864	1.6	1.6	0.8	0.573	0.191	0.363	0.530
112.726	113.045	250	132.364	132.384	132.364	132.384	0.319	130.864	130.884	1.6	1.6	0.8	0.490	0.164	0.311	0.453
113.045	114.000	250	132.384	132.461	132.384	132.461	0.955	130.884	130.961	1.6	1.6	0.8	1.467	0.490	0.930	1.356
114.000	115.000	250	132.461	132.542	132.461	132.542	1	130.961	131.042	1.6	1.6	0.8	1.536	0.513	0.974	1.420
115.000	116.000	250	132.542	132.622	132.542	132.622	1	131.042	131.122	1.6	1.6	0.8	1.536	0.513	0.974	1.420
116.000	118.000	250	132.622	132.783	132.622	132.783	2	131.122	131.283	1.6	1.6	0.8	3.072	1.026	1.948	2.840
118.000	118.540	250	132.783	132.826	132.783	132.826	0.54	131.283	131.326	1.6	1.6	0.8	0.829	0.277	0.526	0.767
118.540	120.000	250	132.826	132.936	132.826	132.936	1.46	131.326	131.436	1.6	1.6	0.8	2.243	0.749	1.422	2.073
120.000	122.000	250	132.936	133.087	132.936	133.087	2	131.436	131.587	1.6	1.6	0.8	3.072	1.026	1.948	2.840
122.000	122.885	250	133.087	133.153	133.087	133.153	0.885	131.587	131.653	1.6	1.6	0.8	1.359	0.454	0.862	1.257
122.885	123.921	250	133.153	133.233	133.153	133.233	1.036	131.653	131.733	1.6	1.6	0.8	1.591	0.532	1.009	1.471
123.921	124.000	250	133.233	133.239	133.233	133.239	0.079	131.733	131.739	1.6	1.6	0.8	0.121	0.041	0.077	0.112
124.000	124.961	250	133.239	133.313	133.239	133.313	0.961	131.739	131.813	1.6	1.6	0.8	1.476	0.493	0.936	1.365
124.961	125.000	250	133.313	133.316	133.313	133.316	0.039	131.813	131.816	1.6	1.6	0.8	0.060	0.020	0.038	0.055
125.000	126.000	250	133.316	133.395	133.316	133.395	1	131.816	131.895	1.6	1.6	0.8	1.536	0.513	0.974	1.420
126.000	128.000	250	133.395	133.553	133.395	133.553	2	131.895	132.053	1.6	1.6	0.8	3.072	1.026	1.948	2.840
128.000	130.000	250	133.553	133.712	133.553	133.712	2	132.053	132.212	1.6	1.6	0.8	3.072	1.026	1.948	2.840
130.000	132.000	250	133.712	133.871	133.712	133.871	2	132.212	132.371	1.6	1.6	0.8	3.072	1.026	1.948	2.840
132.000	134.000	250	133.871	134.029	133.871	134.029	2	132.371	132.529	1.6	1.6	0.8	3.072	1.026	1.948	2.840
134.000	135.000	250	134.029	134.108	134.029	134.108	1	132.529	132.608	1.6	1.6	0.8	1.536	0.513	0.974	1.420
135.000	135.198	250	134.108	134.124	134.108	134.124	0.198	132.608	132.624	1.6	1.6	0.8	0.304	0.102	0.193	0.281
135.198	136.000	250	134.124	134.182	134.124	134.182	0.802	132.624	132.682	1.6	1.6	0.8	1.232	0.412	0.781	1.139
136.000	136.315	250	134.182	134.205	134.182	134.205	0.315	132.682	132.705	1.6	1.6	0.8	0.484	0.162	0.307	0.447
136.315	137.574	250	134.205	134.297	134.205	134.297	1.259	132.705	132.797	1.6	1.6	0.8	1.934	0.646	1.226	1.788
137.574	138.000	250	134.297	134.326	134.297	134.326	0.426	132.797	132.826	1.6	1.6	0.8	0.654	0.219	0.415	0.605
138.000	140.000	250	134.326	134.463	134.326	134.463	2	132.826	132.963	1.6	1.6	0.8	3.072	1.026	1.948	2.840
140.000	142.000	250	134.463	134.6	134.463	134.6	2	132.963	133.1	1.6	1.6	0.8	3.072	1.026	1.948	2.840
142.000	142.593	250	134.6	134.64	134.6	134.64	0.593	133.1	133.14	1.6	1.6	0.8	0.911	0.304	0.577	0.842
142.593	143.890	250	134.64	134.733	134.64	134.733	1.297	133.14	133.233	1.6	1.6	0.8	1.992	0.666	1.263	1.842
143.890	143.948	250	134.733	134.737	134.733	134.737	0.058	133.233	133.237	1.6	1.6	0.8	0.089	0.030	0.056	0.082
143.948	144.000	250	134.737	134.741	134.737	134.741	0.052	133.237	133.241	1.6	1.6	0.8	0.080	0.027	0.051	0.074
144.000	145.000	250	134.741	134.807	134.741	134.807	1	133.241	133.307	1.6	1.6	0.8	1.536	0.513	0.974	1.420
145.000	145.675	250	134.807	134.851	134.807	134.851	0.675	133.307	133.351	1.6	1.6	0.8	1.037	0.346	0.657	0.959
145.675	146.000	250	134.851	134.872	134.851	134.872	0.325	133.351	133.372	1.6	1.6	0.8	0.499	0.167	0.316	0.461
146.000	147.236	2														

LISTADO MEDICIONES AUXILIARES: IMPULSIÓN

EBAR E IMPULSIÓN DE EL CHORRICO (MOLINA DE SEGURA)

Inicio	Final	Diámetro	Rasante vial	Rasante vial	Rasante Plataforma	Rasante Plataforma	Longitud	Cota fondo		Prof.total	Prof.total	Ancho fondo	Vol. excavado	Vol.arena	Vol.zahorras	Superficie pavimento
		mm	Inicio m	Final m	Inicio m	Final m		Inicio m	Final m				Inicio m	Final m	m	
235.000	236.000	250	139.034	139.076	139.034	139.076	1	137.534	137.576	1.6	1.6	0.8	1.536	0.513	0.974	1.420
236.000	238.000	250	139.076	139.159	139.076	139.159	2	137.576	137.659	1.6	1.6	0.8	3.072	1.026	1.948	2.840
238.000	240.000	250	139.159	139.243	139.159	139.243	2	137.659	137.743	1.6	1.6	0.8	3.072	1.026	1.948	2.840
240.000	242.000	250	139.243	139.327	139.243	139.327	2	137.743	137.827	1.6	1.6	0.8	3.072	1.026	1.948	2.840
242.000	244.000	250	139.327	139.411	139.327	139.411	2	137.827	137.911	1.6	1.6	0.8	3.072	1.026	1.948	2.840
244.000	244.995	250	139.411	139.452	139.411	139.452	0.995	137.911	137.952	1.6	1.6	0.8	1.528	0.511	0.969	1.413
244.995	245.000	250	139.452	139.452	139.452	139.452	0.005	137.952	137.952	1.6	1.6	0.8	0.008	0.003	0.005	0.007
245.000	246.000	250	139.452	139.491	139.452	139.491	1	137.952	137.991	1.6	1.6	0.8	1.536	0.513	0.974	1.420
246.000	248.000	250	139.491	139.569	139.491	139.569	2	137.991	138.069	1.6	1.6	0.8	3.072	1.026	1.948	2.840
248.000	248.859	250	139.569	139.602	139.569	139.602	0.859	138.069	138.102	1.6	1.6	0.8	1.319	0.441	0.836	1.220
248.859	249.695	250	139.602	139.681	139.602	139.681	0.836	138.102	138.181	1.6	1.6	0.8	1.284	0.429	0.814	1.187
249.695	249.971	250	139.681	139.688	139.681	139.688	0.276	138.181	138.188	1.6	1.6	0.8	0.424	0.142	0.269	0.392
249.971	250.000	250	139.688	139.689	139.688	139.689	0.029	138.188	138.189	1.6	1.6	0.8	0.045	0.015	0.028	0.041
250.000	251.276	250	139.689	139.719	139.689	139.719	1.276	138.189	138.219	1.6	1.6	0.8	1.960	0.655	1.243	1.812
251.276	252.000	250	139.719	139.752	139.719	139.752	0.724	138.219	138.252	1.6	1.6	0.8	1.112	0.372	0.705	1.028
252.000	254.000	250	139.752	139.843	139.752	139.843	2	138.252	138.343	1.6	1.6	0.8	3.072	1.026	1.948	2.840
254.000	255.000	250	139.843	139.888	139.843	139.888	1	138.343	138.388	1.6	1.6	0.8	1.536	0.513	0.974	1.420
255.000	255.587	250	139.888	139.915	139.888	139.915	0.587	138.388	138.415	1.6	1.6	0.8	0.902	0.301	0.572	0.834
255.587	256.000	250	139.915	139.933	139.915	139.933	0.413	138.415	138.433	1.6	1.6	0.8	0.634	0.212	0.402	0.586
256.000	256.536	250	139.933	139.956	139.933	139.956	0.536	138.433	138.456	1.6	1.6	0.8	0.823	0.275	0.522	0.761
256.536	257.228	250	139.956	139.986	139.956	139.986	0.692	138.456	138.486	1.6	1.6	0.8	1.063	0.355	0.674	0.983
257.228	258.000	250	139.986	140.019	139.986	140.019	0.772	138.486	138.519	1.6	1.6	0.8	1.186	0.396	0.752	1.096
258.000	260.000	250	140.019	140.107	140.019	140.107	2	138.519	138.607	1.6	1.6	0.8	3.072	1.026	1.948	2.840
260.000	262.000	250	140.107	140.195	140.107	140.195	2	138.607	138.695	1.6	1.6	0.8	3.072	1.026	1.948	2.840
262.000	263.280	250	140.195	140.251	140.195	140.251	1.28	138.695	138.751	1.6	1.6	0.8	1.966	0.657	1.246	1.818
263.280	264.000	250	140.251	140.281	140.251	140.281	0.72	138.751	138.781	1.6	1.6	0.8	1.106	0.369	0.701	1.022
264.000	265.000	250	140.281	140.323	140.281	140.323	1	138.781	138.823	1.6	1.6	0.8	1.536	0.513	0.974	1.420
265.000	265.811	250	140.323	140.357	140.323	140.357	0.811	138.823	138.857	1.6	1.6	0.8	1.246	0.416	0.790	1.152
265.811	266.000	250	140.357	140.365	140.357	140.365	0.189	138.857	138.865	1.6	1.6	0.8	0.290	0.097	0.184	0.268
266.000	266.702	250	140.365	140.395	140.365	140.395	0.702	138.865	138.895	1.6	1.6	0.8	1.078	0.360	0.684	0.997
266.702	268.000	250	140.395	140.451	140.395	140.451	1.298	138.895	138.951	1.6	1.6	0.8	1.994	0.666	1.264	1.843
268.000	270.000	250	140.451	140.537	140.451	140.537	2	138.951	139.037	1.6	1.6	0.8	3.072	1.026	1.948	2.840
270.000	272.000	250	140.537	140.624	140.537	140.624	2	139.037	139.124	1.6	1.6	0.8	3.072	1.026	1.948	2.840
272.000	274.000	250	140.624	140.71	140.624	140.71	2	139.124	139.21	1.6	1.6	0.8	3.072	1.026	1.948	2.840
274.000	275.000	250	140.71	140.753	140.71	140.753	1	139.21	139.253	1.6	1.6	0.8	1.536	0.513	0.974	1.420
275.000	275.427	250	140.753	140.772	140.753	140.772	0.427	139.253	139.272	1.6	1.6	0.8	0.656	0.219	0.416	0.606
275.427	276.000	250	140.772	140.793	140.772	140.793	0.573	139.272	139.293	1.6	1.6	0.8	0.880	0.294	0.558	0.814
276.000	277.335	250	140.793	140.843	140.793	140.843	1.335	139.293	139.343	1.6	1.6	0.8	2.051	0.685	1.300	1.896
277.335	278.000	250	140.843	140.866	140.843	140.866	0.665	139.343	139.366	1.6	1.6	0.8	1.021	0.341	0.648	0.944
278.000	278															

LISTADO MEDICIONES AUXILIARES: IMPULSIÓN

EBAR E IMPULSIÓN DE EL CHORRICO (MOLINA DE SEGURA)

Inicio	Final	Diámetro	Rasante vial	Rasante vial	Rasante Plataforma	Rasante Plataforma	Longitud	Cota fondo		Prof.total		Ancho fondo	Vol. excavado	Vol.arena	Vol.zahorras	Superficie pavimento
		mm	Inicio m	Final m	Inicio m	Final m		Inicio m	Final m	Inicio m	Final m		m	m3	m3	
367.261	368.000	250	145.623	145.697	145.623	145.697	0.739	144.123	144.197	1.6	1.6	0.8	1.135	0.379	0.720	1.049
368.000	370.000	250	145.697	145.897	145.697	145.897	2	144.197	144.397	1.6	1.6	0.8	3.072	1.026	1.948	2.840
370.000	371.679	250	145.897	146.065	145.897	146.065	1.679	144.397	144.565	1.6	1.6	0.8	2.579	0.862	1.635	2.384
371.679	372.000	250	146.065	146.098	146.065	146.098	0.321	144.565	144.598	1.6	1.6	0.8	0.493	0.165	0.313	0.456
372.000	372.400	250	146.098	146.138	146.098	146.138	0.4	144.598	144.638	1.6	1.6	0.8	0.614	0.205	0.389	0.568
372.400	374.000	250	146.138	146.3	146.138	146.3	1.6	144.638	144.8	1.6	1.6	0.8	2.458	0.821	1.558	2.272
374.000	374.308	250	146.3	146.331	146.3	146.331	0.308	144.8	144.831	1.6	1.6	0.8	0.473	0.158	0.300	0.437
374.308	375.000	250	146.331	146.406	146.331	146.406	0.692	144.831	144.906	1.6	1.6	0.8	1.063	0.355	0.674	0.983
375.000	376.000	250	146.406	146.514	146.406	146.514	1	144.906	145.014	1.6	1.6	0.8	1.536	0.513	0.974	1.420
376.000	378.000	250	146.514	146.73	146.514	146.73	2	145.014	145.23	1.6	1.6	0.8	3.072	1.026	1.948	2.840
378.000	380.000	250	146.73	146.947	146.73	146.947	2	145.23	145.447	1.6	1.6	0.8	3.072	1.026	1.948	2.840
380.000	380.583	250	146.947	147.01	146.947	147.01	0.583	145.447	145.51	1.6	1.6	0.8	0.895	0.299	0.568	0.828
380.583	381.849	250	147.01	147.138	147.01	147.138	1.266	145.51	145.638	1.6	1.6	0.8	1.945	0.650	1.233	1.798
381.849	382.000	250	147.138	147.153	147.138	147.153	0.151	145.638	145.653	1.6	1.6	0.8	0.232	0.077	0.147	0.214
382.000	382.721	250	147.153	147.226	147.153	147.226	0.721	145.653	145.726	1.6	1.6	0.8	1.107	0.370	0.702	1.024
382.721	384.000	250	147.226	147.352	147.226	147.352	1.279	145.726	145.852	1.6	1.6	0.8	1.965	0.656	1.245	1.816
384.000	385.000	250	147.352	147.451	147.352	147.451	1	145.852	145.951	1.6	1.6	0.8	1.536	0.513	0.974	1.420
385.000	386.000	250	147.451	147.549	147.451	147.549	1	145.951	146.049	1.6	1.6	0.8	1.536	0.513	0.974	1.420
386.000	388.000	250	147.549	147.747	147.549	147.747	2	146.049	146.247	1.6	1.6	0.8	3.072	1.026	1.948	2.840
388.000	390.000	250	147.747	147.944	147.747	147.944	2	146.247	146.444	1.6	1.6	0.8	3.072	1.026	1.948	2.840
390.000	392.000	250	147.944	148.141	147.944	148.141	2	146.444	146.641	1.6	1.6	0.8	3.072	1.026	1.948	2.840
392.000	392.176	250	148.141	148.159	148.141	148.159	0.176	146.641	146.659	1.6	1.6	0.8	0.270	0.090	0.171	0.250
392.176	394.000	250	148.159	148.339	148.159	148.339	1.824	146.659	146.839	1.6	1.6	0.8	2.802	0.936	1.776	2.590
394.000	395.000	250	148.339	148.438	148.339	148.438	1	146.839	146.938	1.6	1.6	0.8	1.536	0.513	0.974	1.420
395.000	395.516	250	148.438	148.489	148.438	148.489	0.516	146.938	146.989	1.6	1.6	0.8	0.793	0.265	0.502	0.733
395.516	396.000	250	148.489	148.54	148.489	148.54	0.484	146.989	147.04	1.6	1.6	0.8	0.743	0.248	0.471	0.687
396.000	396.072	250	148.54	148.548	148.54	148.548	0.072	147.04	147.047	1.6	1.601	0.8	0.111	0.037	0.070	0.102
396.072	396.144	250	148.548	148.555	148.548	148.555	0.072	147.047	147.055	1.601	1.6	0.8	0.111	0.037	0.070	0.102
396.144	396.447	250	148.555	148.587	148.555	148.587	0.303	147.055	147.089	1.6	1.598	0.8	0.465	0.155	0.295	0.430
396.447	398.000	250	148.587	148.761	148.587	148.761	1.553	147.089	147.264	1.598	1.597	0.8	2.381	0.797	1.508	2.204
398.000	400.000	250	148.761	148.984	148.761	148.984	2	147.264	147.49	1.597	1.594	0.8	3.062	1.026	1.937	2.838
400.000	402.000	250	148.984	149.207	148.984	149.207	2	147.49	147.716	1.594	1.591	0.8	3.055	1.026	1.931	2.837
402.000	404.000	250	149.207	149.431	149.207	149.431	2	147.716	147.941	1.591	1.59	0.8	3.051	1.026	1.926	2.836
404.000	405.000	250	149.431	149.543	149.431	149.543	1	147.941	148.054	1.59	1.589	0.8	1.524	0.513	0.962	1.418
405.000	406.000	250	149.543	149.654	149.543	149.654	1	148.054	148.167	1.589	1.587	0.8	1.523	0.513	0.960	1.418
406.000	407.370	250	149.654	149.807	149.654	149.807	1.37	148.167	148.321	1.587	1.586	0.8	2.084	0.703	1.313	1.942
407.370	408.000	250	149.807	149.882	149.807	149.882	0.63	148.321	148.392	1.586	1.59	0.8	0.959	0.323	0.605	0.893
408.000	409.602	250	149.882	150.073	149.882	150.073	1.602	148.392	148.573	1.59	1.6	0.8	2.452	0.822	1.551	2.273
409.602	410.000	250	150.073	150.121	150.073	150.121	0.398	148.573	148.593	1.6	1.628	0.8	0.618	0.204	0.394	0.566
410.000	411.536	250	150.121	150.304	150.12											

LISTADO MEDICIONES AUXILIARES: COLECTORES

EBAR E IMPULSIÓN DE EL CHORRICO (MOLINA DE SEGURA)

	Inicio	Final	Diámetro	Rasante vial	Rasante vial	Rasante Plataforma	Rasante Plataforma	Longitud	Cota fondo	Cota fondo	Prof.total	Prof.total	Ancho fondo	Vol. excavado	Vol.arena	Vol.zahorras
			mm	Inicio m	Final m	Inicio m	Final m	m	Inicio m	Final m	Inicio m	Final m	m	m3	m3	m3
	0.000	1.718	315	123.467	123.443	123.467	123.443	1.718	122.46	122.443	1.107	1.1	1	2.105	1.182	0.789
	1.718	5.000	315	123.443	123.381	123.443	123.381	3.282	122.443	122.41	1.1	1.071	1	3.949	2.259	1.435
	5.000	10.000	315	123.381	123.287	123.381	123.287	5	122.41	122.36	1.071	1.027	1	5.795	3.441	1.965
	10.000	12.772	315	123.287	123.235	123.287	123.235	2.772	122.36	122.332	1.027	1.003	1	3.099	1.908	0.976
	12.772	15.000	315	123.235	123.207	123.235	123.207	2.228	122.332	122.31	1.003	0.997	1	2.451	1.533	0.744
	15.000	17.389	315	123.207	123.178	123.207	123.178	2.389	122.31	122.286	0.997	0.992	1	2.612	1.644	0.782
	17.389	18.221	315	123.178	123.158	123.178	123.158	0.832	122.286	122.278	0.992	0.98	1	0.901	0.573	0.264
	18.221	19.989	315	123.158	123.151	123.158	123.151	1.768	122.278	122.26	0.98	0.991	1	1.914	1.217	0.560
	19.989	20.000	315	123.151	123.151	123.151	123.151	0.011	122.26	122.26	0.991	0.991	1	0.012	0.008	0.004
	20.000	25.000	315	123.151	123.141	123.151	123.141	5	122.26	122.21	0.991	1.031	1	5.566	3.441	1.736
	25.000	30.000	315	123.141	123.132	123.141	123.132	5	122.21	122.16	1.031	1.072	1	5.811	3.441	1.980
	30.000	31.149	315	123.132	123.13	123.132	123.13	1.149	122.16	122.149	1.072	1.081	1	1.370	0.791	0.490
	31.149	34.025	315	123.13	123.181	123.13	123.181	2.876	122.149	122.12	1.081	1.161	1	3.586	1.979	1.382
	34.025	35.000	315	123.181	123.197	123.181	123.197	0.975	122.12	122.11	1.161	1.187	1	1.279	0.671	0.532
	35.000	39.991	315	123.197	123.28	123.197	123.28	4.991	122.11	122.06	1.187	1.32	1	7.043	3.435	3.219
	39.991	40.000	315	123.28	123.28	123.28	123.28	0.009	122.06	122.06	1.32	1.32	1	0.013	0.006	0.007
	40.000	43.332	315	123.28	123.305	123.28	123.305	3.332	122.06	122.027	1.32	1.378	1	5.102	2.293	2.549
	43.332	45.000	315	123.305	123.302	123.305	123.302	1.668	122.027	122.01	1.378	1.392	1	2.630	1.148	1.352
	45.000	45.118	315	123.302	123.302	123.302	123.302	0.118	122.01	122.009	1.392	1.393	1	0.187	0.081	0.097
	45.118	45.832	315	123.302	123.302	123.302	123.302	0.714	122.009	122.002	1.393	1.4	1	1.136	0.491	0.589
	45.832	50.000	315	123.302	123.335	123.302	123.335	4.168	122.002	121.96	1.4	1.475	1	6.853	2.868	3.660
	50.000	54.539	315	123.335	123.291	123.335	123.291	4.539	121.96	121.915	1.475	1.476	1	7.685	3.124	4.208
	54.539	55.000	315	123.291	123.281	123.291	123.281	0.461	121.915	121.91	1.476	1.471	1	0.779	0.317	0.426
	55.000	57.194	315	123.281	123.232	123.281	123.232	2.194	121.91	121.888	1.471	1.444	1	3.664	1.510	1.983
	57.194	60.000	315	123.232	123.187	123.232	123.187	2.806	121.888	121.86	1.444	1.427	1	4.606	1.931	2.457
	60.000	61.762	315	123.187	123.159	123.187	123.159	1.762	121.86	121.842	1.427	1.417	1	2.862	1.213	1.512
	61.762	64.068	315	123.159	123.136	123.159	123.136	2.306	121.842	121.819	1.417	1.417	1	3.731	1.587	1.964
	64.068	65.000	315	123.136	123.142	123.136	123.142	0.932	121.819	121.81	1.417	1.432	1	1.517	0.641	0.803
	65.000	68.160	315	123.142	123.163	123.142	123.163	3.16	121.81	121.778	1.432	1.485	1	5.281	2.175	2.860
	68.160	70.000	315	123.163	123.183	123.163	123.183	1.84	121.778	121.76	1.485	1.523	1	3.184	1.266	1.774
	70.000	71.989	315	123.183	123.205	123.183	123.205	1.989	121.76	121.74	1.523	1.565	1	3.545	1.369	2.021
	71.989	73.056	315	123.205	123.228	123.205	123.228	1.067	121.74	121.729	1.565	1.599	1	1.955	0.734	1.138
	73.056	75.000	315	123.228	123.208	123.228	123.208	1.944	121.729	121.71	1.599	1.598	1	3.604	1.338	2.115
	75.000	79.635	315	123.208	123.161	123.208	123.161	4.635	121.71	121.664	1.598	1.597	1	8.587	3.190	5.036
	79.635	80.000	315	123.161	123.156	123.161	123.156	0.365	121.664	121.66	1.597	1.596	1	0.676	0.251	0.396
	80.000	81.686	315	123.156	123.131	123.156	123.131	1.686	121.66	121.643	1.596	1.588	1	3.111	1.160	1.820
HINCA	81.686	81.700	315	123.131	123.131	123.131	123.131	0.014	121.643	121.643	1.588	1.588				
	81.700	82.335	315	123.131	123.126	123.131	123.126	0.635	121.643	121.593	1.588	1.633				
	82.335	82.562	315	123.126	123.159	123.126	123.159	0.227	121.593	121.576	1.633	1.683				
	82.562	85.000	315	123.159	124.852	123.159	124.852	2.438	121.576	121.385	1.683	3.567				
	85.000	87.065	315	124.852	126.286	124.852	126.286	2.065	121.385	121.224	3.567	5.162				
	87.065	89.907	315	126.286	128.546	126.286	128.546	2.842	121.224	121.002	5.162	7.644				
	89.907	90.000	315	128.546	128.545	128.546	128.545	0.093	121.002	120.995	7.644	7.65				
	90.000	95.000	315	128.545	128.516	128.545	128.516	5	120.995	120.605	7.65	8.011				
	95.000	95.058	315	128.516	128.516	128.516	128.516	0.058	120.605	120.6	8.011	8.016				
	95.058	96.171	315	128.516	128.482	128.516	128.482	1.113	120.6	120.513	8.016	8.069				
	96.171	96.646	315	128.482	128.471	128.482	128.471	0.475	120.513	120.476	8.069	8.095				
	96.646	96.659	315	128.471	128.434	128.471	128.434	0.013	120.476	120.475	8.095	8.059				
	96.659	96.697	315	128.434	128.321	128.434	128.321	0.038	120.475	120.472	8.059	7.949				
	96.697	98.517	315	128.321	128.371	128.321	128.371	1.82	120.472	120.33	7.949	8.141				
	98.517	100.000	315	128.371	128.404	128.371	128.404	1.483	120.33	120.215	8.141	8.289				
	100.000	100.108	315	128.404	128.406	128.404	128.406	0.108	120.215	120.206	8.289	8.3				
	100.108	102.593	315	128.406	128.316	128.406	128.316	2.485	120.206	120.012	8.3	8.404				
	102.593	103.823	315	128.316	128.305	128.316	128.305	1.23	120.012	119.916	8.404	8.489				
	103.823	103.837	315	128.305	128.347	128.305	128.347	0.014	119.916	119.915	8.489	8.532				
	103.837	103.873	315	128.347	128.455	128.347	128.455	0.036	119.915	119.912	8.532	8.643				
	103.873	103.998	315	128.455	128.462	128.455	128.462	0.125	119.912	119.902	8.643	8.66				
	103.998	104.990	315	128.462	128.421	128.462	128.421	0.992	119.902	119.825	8.66	8.696				
	104.990	105.000	315	128.421	128.421	128.421	128.421	0.01	119.825	119.824	8.696	8.697				
	105.000	105.695	315	128.421	128.427	128.421	128.427	0.695	119.824	119.77	8.697	8.757				
	105.695	106.797	315	128.427	128.338	128.427	128.338	1.102	119.77	119.684	8.757	8.754				
	106.797	108.477	315	128.338	127.303	128.338	127.303	1.68	119.684	119.553	8.754	7.85				
	108.477	108.738	315	127.303	127.227	127.303	127.227	0.261	119.553	119.532	7.85	7.795				
	108.738	110.000	315	127.227	126.471	127.227	126.471	1.262	119.532	119.434	7.795	7.137				
	110.000	115.000	315	126.471	123.477	126.471	123.477	5	119.434	119.044	7.137	4.533				
	115.000	115.318	315	123.477	123.287	123.477	123.287	0.318	119.044	119.019	4.533	4.368				
	115.318	116.488	315	123.287	122.578	123.287	122.578	1.17	119.019	118.927	4.368	3.751				
	116.488	120.000	315	122.578	120.328	122.578	120.328	3.512	118.927	118.653	3.751	1.775				
	120.000	120.304	315	120.328	120.133	120.328	120.133	0.304	118.653	118.63	1.775	1.603				
	120.304	121.964	315	120.133	119.972	120.133	119.972	1.66	118.63	118.5	1.603	1.572				
	121.964	125.000	315	119.972	119.681	119.972	119.681	3.036	118.5	118.279	1.572	1.502				</