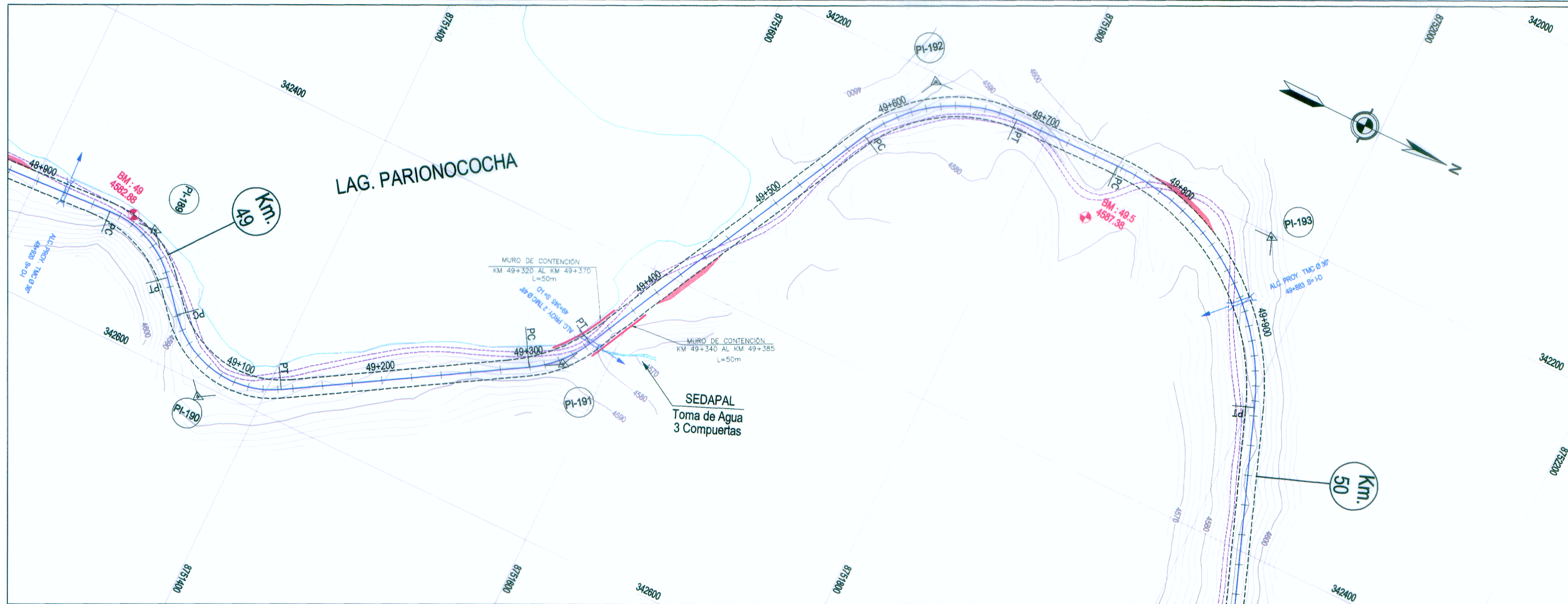
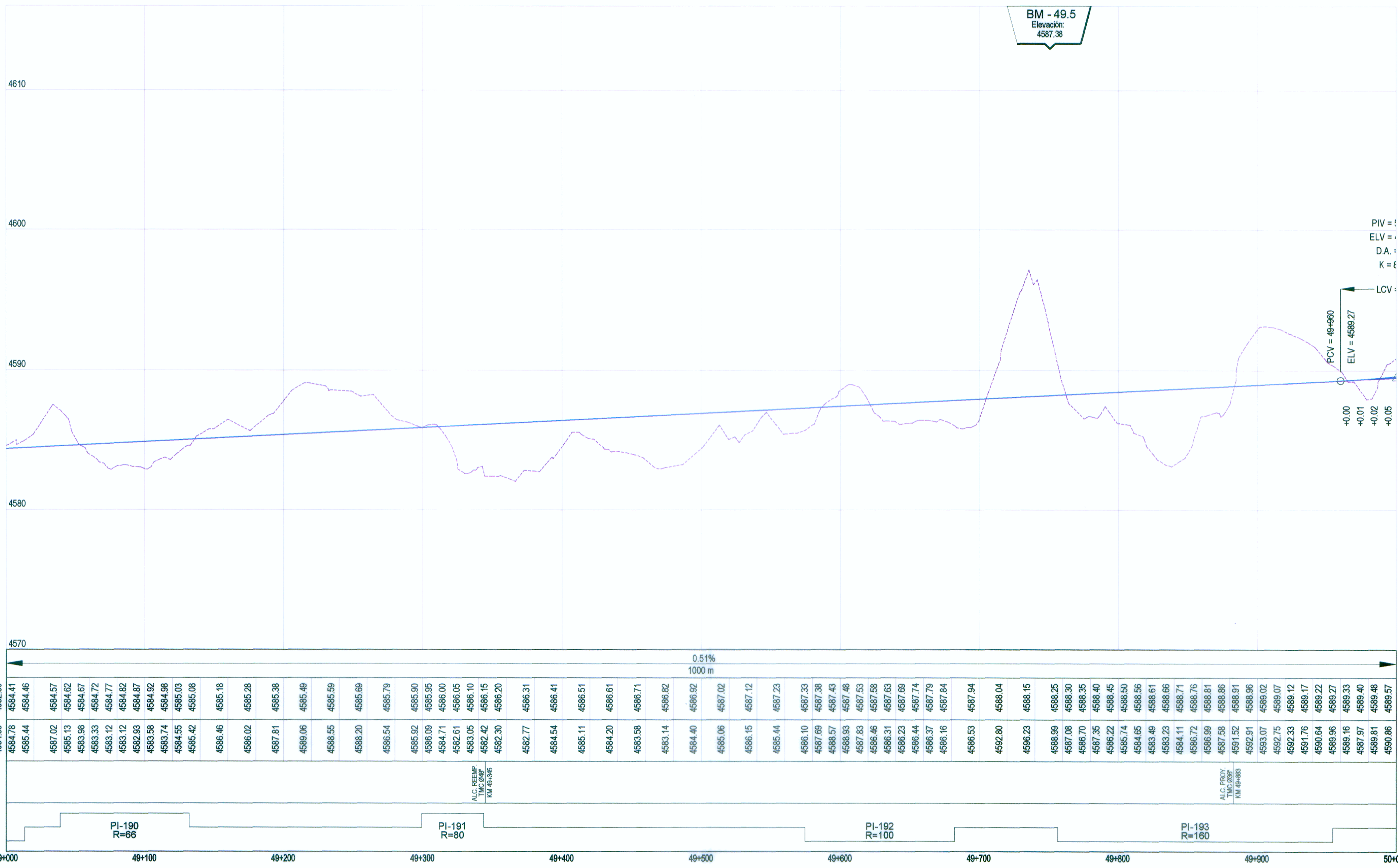




DATOS DE CURVA DEL ALINEAMIENTO HORIZONTAL										
Nº PI	ANGULO	S	RADIO (m)	PC (Km)	PT (Km)	T (m)	LC (m)	EXT (m)	PER (%)	S/a (m)
190	80°44'18"	I	66.00	49+039.12	49+132.13	56.11	93.00	20.63	7.84%	2.50
191	31°52'04"	I	80.00	49+299.39	49+343.88	22.84	44.50	3.20	7.60%	1.90
192	61°49'13"	D	100.00	49+574.60	49+682.50	58.87	107.90	16.55	7.20%	1.50
193	70°53'01"	D	160.00	49+756.55	49+954.49	113.88	197.94	36.39	7.07%	0.80

COORDENADAS DE PIs - ALINEAMIENTO HORIZONTAL		
Nº PI	KM	COORDENADAS
		NORTE ESTE
190	49+095.23	8751360.43 342808.81
191	49+322.22	8751572.28 342483.17
192	49+834.47	8751717.03 342205.16
193	49+870.43	8751964.81 342202.24

PLANTA
H: 1/2,000



LEYENDA

PLANTA :

4+500

EJE DE CARRETERA PROYECTADA

CARRETERA EXISTENTE

CURVA AGOSTOR

CURVA MENOR

RIOS Y LAGUNAS

QUEBRADA

CANAL

ALCANTARILLAS PROYECTADAS

VIVIENDA EXISTENTE

TERRENO DE CULTIVO

CERCO

POSTE LUZ

POSTE TELEFONO

MURO DE PIEDRA

BOFEDAL

PLAZOLETAS

NUMERO DE CURVA

PERFIL :

SUB RASANTE

TERRENO EXISTENTE



ING. FERNANDO E. MASSA SILVA
INGENIERO Y DISEÑO GEOMETRICO
CIP N° 8987

WINROD CONTRATISTAS S.A.C.
ING. FERNANDO E. MASSA SILVA
Jefe del Estudio
Reg. CIP N° 8987

PERFIL LONGITUDINAL
H: 1/2,000 V: 1/200

PENDIENTE	4582.50 4584.41 4584.46 4584.57 4584.62 4584.67 4584.72 4584.77 4584.82 4584.87 4584.92 4584.96 4585.00 4585.05 4585.10 4585.15 4585.20 4585.25 4585.30 4585.35 4585.40 4585.45 4585.50 4585.55 4585.60 4585.65 4585.70 4585.75 4585.80 4585.85 4585.90 4585.95 4590.00 4592.51 4593.05 4592.42 4592.30 4592.31 4592.32 4592.33 4592.34 4592.35 4592.36 4592.37 4592.38 4592.39 4592.40 4592.41 4592.42 4592.43 4592.44 4592.45 4592.46 4592.47 4592.48 4592.49 4592.50 4592.51 4592.52 4592.53 4592.54 4592.55 4592.56 4592.57 4592.58 4592.59 4592.60 4592.61 4592.62 4592.63 4592.64 4592.65 4592.66 4592.67 4592.68 4592.69 4592.70 4592.71 4592.72 4592.73 4592.74 4592.75 4592.76 4592.77 4592.78 4592.79 4592.80 4592.81 4592.82 4592.83 4592.84 4592.85 4592.86 4592.87 4592.88 4592.89 4592.90 4592.91 4592.92 4592.93 4592.94 4592.95 4592.96 4592.97 4592.98 4592.99 4593.00 4593.01 4593.02 4593.03 4593.04 4593.05 4593.06 4593.07 4593.08 4593.09 4593.10 4593.11 4593.12 4593.13 4593.14 4593.15 4593.16 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4595.67 4595.68 4595.69 4595.70 4595.71 4595.72 4595.73 4595.74 4595.75 4595.76 4595.77 4595.78 4595.79 4595.80 4595.81 4595.82 4595.83 4595.84 4595.85 4595.86 4595.87 4595.88 4595.89 4595.90 4595.91 4595.92 4595.93 4595.94 4595.95 4595.96 4595.97 4595.98 4595.99 4596.00 4596.01 4596.02 4596.03 4596.04 4596.05 4596.06 4596.07 4596.08 4596.09 4596.10 4596.11 4596.12 4596.13 4596.14 4596.15 4596.16 4596.17 4596.18 4596.19 4596.20 4596.21 4596.22 4596.23 4596.24 4596.25 4596.26 4596.27 4596.28 4596.29 4596.30 4596.31 4596.32 4596.33 4596.34 4596.35 4596.36 4596.37 4596.38 4596.39 4596.40 4596.41 4596.42 4596.43 4596.44 4596.45 4596.46 4596.47 4596.48 4596.49 4596.50 4596.51 4596.52 4596.53 4596.54 4596.55 4596.56 4596.57 4596.58 4596.59 4596.60 4596.61 4596.62 4596.63 4596.64 4596.65 4596.66 4596.67 4596.68 4596.69 4596.70 4596.71 4596.72 4596.73 4596.74 4596.75 4596.76 4596.77 4596.78 4596.79 4596.80 4596.81 4596.82 4596.83 4596.84 4596.85 4596.86 4596.87 4596.88 4596.89 4596.90 4596.91 4596.92 4596.93 4596.94 4596.95 4596.96 4596.97 4596.98 4596.99 4597.00 4597.01 4597.02 4597.03 4597.04 4597.05 4597.06 4597.07 4597.08 4597.09 4597.10 4597.11 4597.12 4597.13 4597.14 4597.15 4597.16 4597.17 4597.18 4597.19 4597.20 4597.21 4597.22 4597.23 4597.24 4597.25 4597.26 4597.27 4597.28 4597.29 4597.30 4597.31 4597.32 4597.33 4597.34 4597.35 4597.36 4597.37 4597.38 4597.39 4597.40 4597.41 4597.42 4597.43 4597.44 4597.45 4597.46 4597.47 4597.48 4597.49 4597.50 4597.51 4597.52 4597.53 4597.54 4597.55 4597.56 4597.57 4597.58 4597.59 4597.60 4597.61 4597.62 4597.63 4597.64 4597.65 4597.66 4597.67 4597.68 4597.69 4597.70 4597.71 4597.72 4597.73 4597.74 4597.75 4597.76 4597.77 4597.78 4597.79 4597.80 4597.81 4597.82 4597.83 4597.84 4597.85 4597.86 4597.87 4597.88 4597.89 4597.90 4597.91 4597.92 4597.93 4597.94 4597.95 4597.96 4597.97 4597.98 4597.99 4598.00 4598.01 4598.02 4598.03 4598.04 4598.05 4598.06 4598.07 4598.08 4598.09 4598.10 4598.11 4598.12 4598.13 4598.14 4598.15 4598.16 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