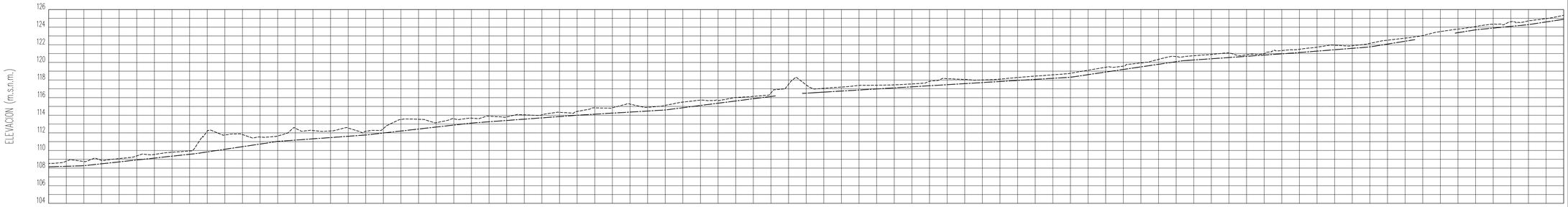
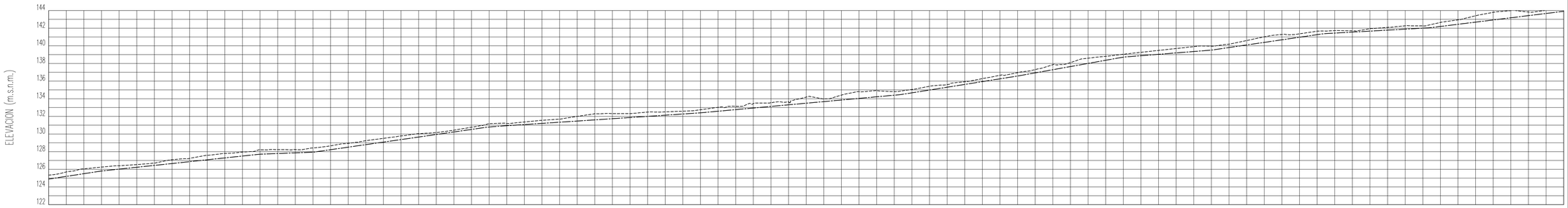


KILOMETRAJE	COTA DE TERRENO (m.s.n.m.)	COTA DESCOLMATACIÓN (m.s.n.m.)
20+980	108.53	108.14
21+000	108.78	108.20
21+020	108.75	108.27
21+040	108.88	108.49
21+060	109.08	108.70
21+080	109.39	108.92
21+100	109.55	109.14
21+120	109.80	109.35
21+140	109.93	109.57
21+160	112.19	109.83
21+180	111.76	110.13
21+200	111.81	110.43
21+220	111.53	110.73
21+240	111.65	111.03
21+260	112.53	111.18
21+280	112.27	111.32
21+300	112.22	111.47
21+320	112.55	111.61
21+340	112.18	111.76
21+360	112.49	111.98
21+380	113.52	112.21
21+400	113.54	112.43
21+420	113.15	112.66
21+440	113.59	112.89
21+460	113.67	113.11
21+480	113.90	113.26
21+500	113.81	113.41
21+520	114.04	113.56
21+540	114.05	113.70
21+560	114.33	113.85
21+580	114.44	114.00
21+600	114.84	114.12
21+620	114.85	114.24
21+640	115.27	114.36
21+660	114.90	114.48
21+680	115.12	114.60
21+700	115.49	114.85
21+720	115.71	115.11
21+740	115.68	115.36
21+760	116.01	115.62
21+780	116.14	115.87
21+800	116.51	116.13
21+820	117.51	
21+840	117.45	
21+860	117.06	116.62
21+880	117.20	116.74
21+900	117.38	116.87
21+920	117.41	116.99
21+940	117.45	117.11
21+960	117.55	117.23
21+980	117.84	117.35
22+000	118.15	117.47
22+020	118.07	117.59
22+040	118.01	117.71
22+060	118.10	117.83
22+080	118.28	117.95
22+100	118.44	118.07
22+120	118.59	118.19
22+140	118.77	118.32
22+160	119.11	118.61
22+180	119.45	118.90
22+200	119.57	119.20
22+220	119.94	119.49
22+240	120.34	119.78
22+260	120.66	120.08
22+280	120.76	120.27
22+300	120.90	120.41
22+320	121.09	120.55
22+340	120.85	120.69
22+360	120.97	120.83
22+380	121.34	120.97
22+400	121.49	121.12
22+420	121.73	121.28
22+440	121.95	121.44
22+460	121.89	121.59
22+480	122.16	121.76
22+500	122.52	122.08
22+520	122.75	122.40
22+540	123.04	
22+560	123.50	
22+580	123.78	123.37
22+600	124.07	123.69
22+620	124.33	123.89
22+640	124.61	124.09
22+660	124.71	124.28
22+680	124.97	124.59
22+700	125.34	124.89

PERFIL LONGITUDINAL RASANTE DE DESCOLMATACION KM 20+980 – KM 22+700

ESC. H: 1/2500

ESC. V: 1/250

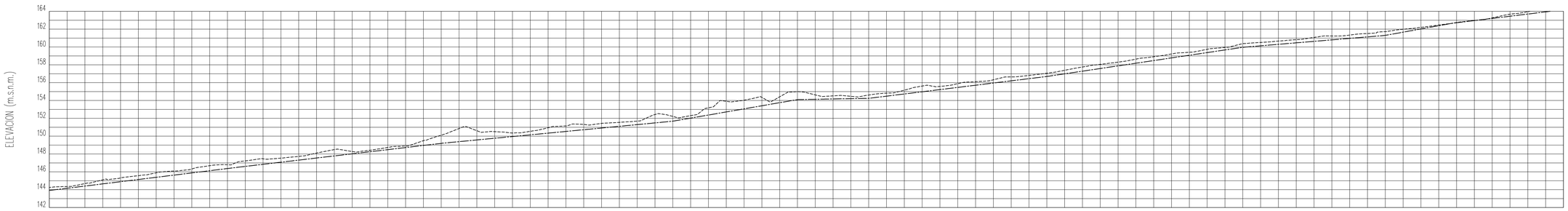


KILOMETRAJE	COTA DE TERRENO (m.s.n.m.)	COTA DESCOLMATACIÓN (m.s.n.m.)
22+700	125.34	124.89
22+720	125.70	125.20
22+740	126.05	125.50
22+760	126.25	125.80
22+780	126.40	126.02
22+800	126.54	126.23
22+820	126.71	126.45
22+840	127.09	126.66
22+860	127.24	126.87
22+880	127.59	127.08
22+900	127.80	127.29
22+920	127.96	127.50
22+940	128.22	127.71
22+960	128.23	127.79
22+980	128.24	127.86
23+000	128.43	127.94
23+020	128.66	128.22
23+040	128.94	128.51
23+060	129.24	128.80
23+080	129.51	129.08
23+100	129.78	129.37
23+120	130.04	129.66
23+140	130.16	129.95
23+160	130.43	130.23
23+180	130.77	130.52
23+200	131.17	130.80
23+220	131.20	130.94
23+240	131.37	131.07
23+260	131.56	131.21
23+280	131.68	131.34
23+300	132.00	131.47
23+320	132.31	131.60
23+340	132.32	131.74
23+360	132.32	131.87
23+380	132.49	132.00
23+400	132.51	132.14
23+420	132.59	132.27
23+440	132.76	132.40
23+460	133.03	132.58
23+480	133.15	132.77
23+500	133.44	132.95
23+520	133.56	133.13
23+540	133.66	133.31
23+560	134.18	133.49
23+580	133.98	133.68
23+600	134.41	133.86
23+620	134.80	134.04
23+640	134.91	134.22
23+660	134.81	134.40
23+680	135.05	134.67
23+700	135.41	134.99
23+720	135.60	135.30
23+740	135.92	135.62
23+760	136.28	135.94
23+780	136.66	136.26
23+800	136.96	136.58
23+820	137.31	136.93
23+840	137.86	137.29
23+860	138.10	137.65
23+880	138.60	138.00
23+900	138.81	138.36
23+920	139.04	138.71
23+940	139.26	138.88
23+960	139.48	139.04
23+980	139.69	139.19
24+000	139.91	139.55
24+020	139.96	139.52
24+040	140.18	139.80
24+060	140.60	140.10
24+080	141.02	140.39
24+100	141.29	140.68
24+120	141.36	140.97
24+140	141.65	141.26
24+160	141.72	141.44
24+180	141.70	141.55
24+200	141.94	141.67
24+220	142.09	141.78
24+240	142.27	141.89
24+260	142.26	142.00
24+280	142.65	142.19
24+300	142.94	142.44
24+320	143.40	142.68
24+340	143.79	142.93
24+360	143.99	143.18
24+380	143.83	143.42
24+400	144.02	143.67
24+420	144.24	143.91

PERFIL LONGITUDINAL RASANTE DE DESCOLMATACION KM 22+700 – KM 24+420

ESC. H: 1/2500

ESC. V: 1/250



KILOMETRAJE	COTA DE TERRENO (m.s.n.m.)	COTA DESCOLMATACIÓN (m.s.n.m.)
24+420	144.24	143.91
24+440	144.36	144.16
24+460	144.69	144.40
24+480	145.10	144.65
24+500	145.33	144.90
24+520	145.57	145.14
24+540	145.89	145.39
24+560	146.09	145.63
24+580	146.32	145.88
24+600	146.69	146.12
24+620	146.79	146.37
24+640	147.03	146.61
24+660	147.46	146.85
24+680	147.54	147.08
24+700	147.73	147.31
24+720	148.10	147.55
24+740	148.49	147.78
24+760	148.28	148.02
24+780	148.42	148.25
24+800	148.73	148.49
24+820	148.89	148.72
24+840	149.49	148.96
24+860	150.11	149.19
24+880	150.86	149.39
24+900	150.61	149.58
24+920	150.51	149.77
24+940	150.36	149.96
24+960	150.54	150.15
24+980	150.94	150.34
25+000	151.14	150.53
25+020	151.32	150.72
25+040	151.43	150.91
25+060	151.55	151.10
25+080	151.68	151.30
25+100	152.43	151.49
25+120	152.22	151.68
25+140	152.30	152.02
25+160	153.18	152.37
25+180	153.91	152.72
25+200	154.03	153.06
25+220	154.35	153.41
25+240	154.41	153.76
25+260	154.99	154.10
25+280	154.63	154.14
25+300	154.52	154.17
25+320	154.47	154.21
25+340	154.61	154.25
25+360	154.83	154.49
25+380	155.16	154.73
25+400	155.62	154.98
25+420	155.58	155.22
25+440	155.89	155.47
25+460	156.11	155.71
25+480	156.32	155.96
25+500	156.65	156.20
25+520	156.81	156.45
25+540	157.06	156.70
25+560	157.39	156.99
25+580	157.75	157.29
25+600	158.05	157.59
25+620	158.30	157.88
25+640	158.64	158.18
25+660	158.91	158.48
25+680	159.22	158.78
25+700	159.40	159.07
25+720	159.75	159.37
25+740	159.94	159.67
25+760	160.37	159.96
25+780	160.51	160.13
25+800	160.66	160.30
25+820	160.82	160.47
25+840	161.07	160.63
25+860	161.23	160.80
25+880	161.33	160.97
25+900	161.51	161.13
25+920	161.72	161.31
25+940	161.99	161.66
25+960	162.19	162.02
25+980	162.46	162.39
26+000	162.74	162.72
26+020	162.97	162.96
26+040	163.26	163.21
26+060	163.68	163.45
26+080	163.96	163.69
26+100	164.28	163.94
26+120	164.53	164.18

PERFIL LONGITUDINAL RASANTE DE DESCOLMATACION KM 24+420 – KM 26+120

ESC. H: 1/2500

ESC. V: 1/250

LEYENDA PERFIL

– – – – – – – –	COTA DE TERRENO
—·—·—·—	COTA DE DESCOLMATACIÓN

REVISIÓN DE DOCUMENTOS TÉCNICOS

[X] A- ACEPTADO

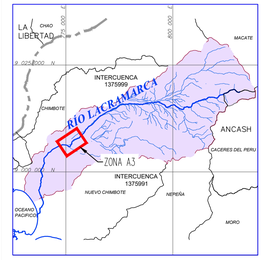
[ ] B- ACEPTADO CON COMENTARIOS

[ ] C- RECHAZADO

Luis Herrera - Autoridad para la Reconstrucción con Cambios

Jun 10, 2023, 10:02 PM GMT-5:00

FIRMA FECHA



PLANO DE UBICACIÓN

S/E

ESCALA GRAFICA :

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LEYENDA :

Sistema de Proyección:
Universal Transversal Mercator (UTM) , Zona 17 Sur
Datum : Sistema Geodesico Mundial (WGS 84)
Fuente : Equipo Técnico

REV N°	FECHA	DESCRIPCIÓN DE LA REVISIÓN	REVISADO	DIRECTOR
R01	11/2022	EMITIDO PARA APROBACIÓN	A.P.T.	M.A.B.

NOTA: EL DOCUMENTO INICIÓ EN LA REVISIÓN R01.

	FECHA	FIRMA
DISEÑO : ENRIQUE QUINTANO A.	23/11/2022	Enrique Quintano A. Ing. Caminos, Canales y Puertos CIP 279247
DIBUJO : ROGER ROSILLO L.	23/11/2022	Roger Rosillo L. Tecdoc CAD
REVISIÓN Y APROBACIÓN DE DISEÑO: ALBERTO PRIETO T.	23/11/2022	Alberto Prieto T. Ing. Caminos, Canales y Puertos CIP 3725-T
APROBACIÓN : RAUL FLORES C.	25/11/2022	Raul Elias Flores Carrasco CIP 55436
DIRECTOR DE PROYECTO : MIGUEL A. DEL BARCO	25/11/2022	Miguel A. Del Barco Ing. Caminos, Canales y Puertos CIP 2898-T

OHLA Perú

AIRTIFICIAL

PERÚ Presidencia del Consejo de Ministros

RECONSTRUCCIÓN CON CAMBIOS

TITULO :

ENTREGA DE DEFENSAS RIBEREÑAS DEL RIO LACRAMARCA

(PAQUETE R-07)

Creación del servicio de protección en riberas del río Lacramarca vulnerables ante peligros de inundación, en 58 comunidades en los distritos de Macate, Cáceres del Perú y Chimbote de la provincia de Santa - departamento de Ancash
CUI - 2499818

PLANO :

PERFIL LACRAMARCA
Km 20+980 al Km 26+120
Subproyecto A3

ESPECIALIDAD :

CIVIL

USO :

DEFENSAS RIBEREÑAS

ZONA :

CHIMBOTE – SANTA – ANCASH

ESCALA :	FECHA :	REV :
	25/11/22	R01

CÓDIGO DEL PLANO :

400197-OHL001-501-XX-DR-CV-000653