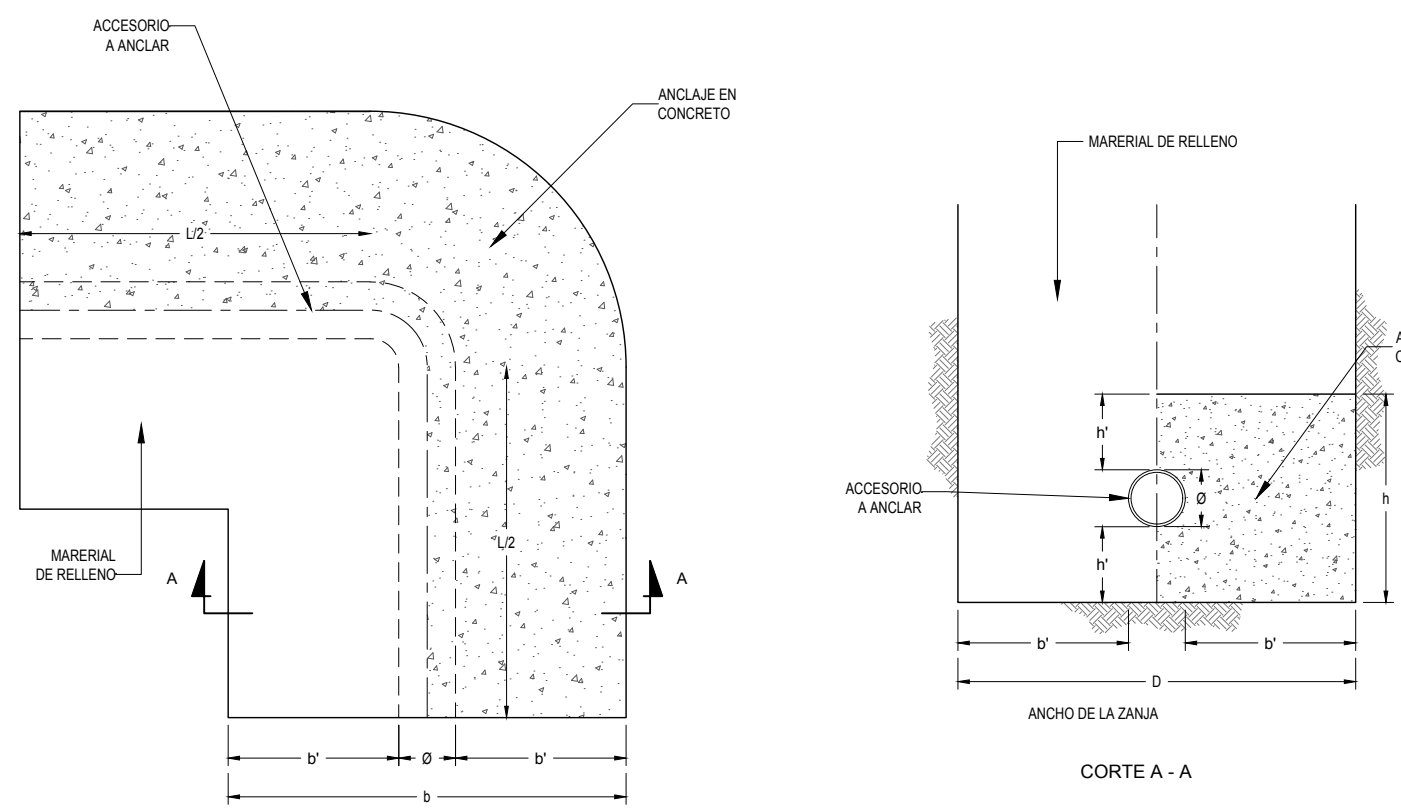
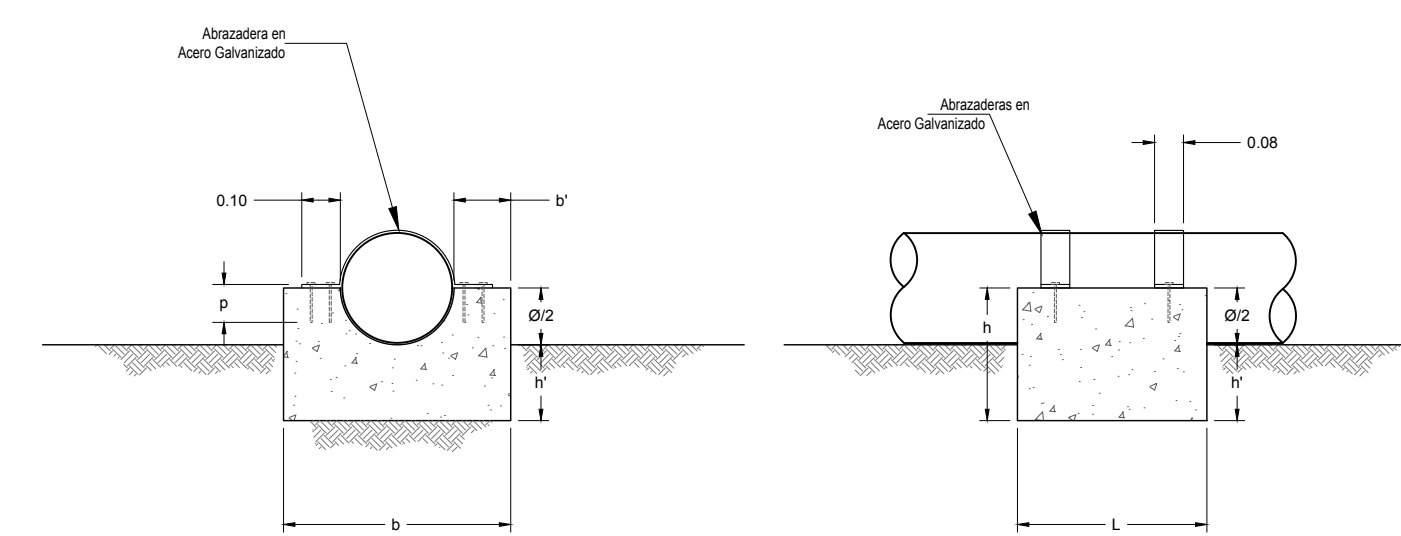


ESQUEMA DE ANCLAJES DE CURVA HORIZONTAL

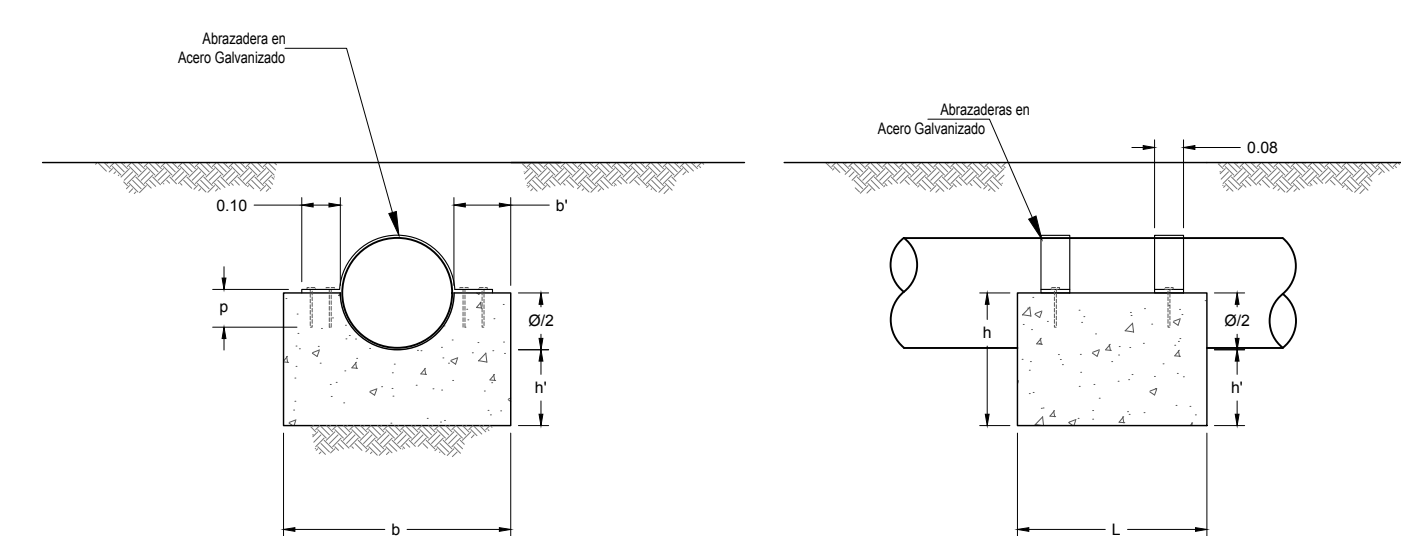


ESCALA 1:20

ESQUEMA DE ANCLAJES DE CURVA VERTICAL SUPERIOR(EMPUJE HACIA ARRIBA)



ESQUEMA DE ANCLAJES DE CURVA VERTICAL INFERIOR(EMPUJE HACIA ABAJO)



ESCALA 1:20

Abscisa	Accesorio	Dímetro (pulg)	Presión de Servicio (mca)	Empuje Total (kg)	Tipo de Anclaje	L1 (cm)	h (cm)	b (cm)	Volumen del Anclaje (m³)	Peso del Anclaje (kg)
15932.31	Codo	14.00	5.64	19.64	HO-01	40.00	60.00	60.00	0.12	297.93
15953.67	Codo	14.00	7.87	21.87	HO-02	35.00	90.00	90.00	0.27	638.69
15967.80	Codo	14.00	9.35	23.35	HO-01	120.00	60.00	60.00	0.37	893.79
16067.14	Codo	14.00	19.74	33.74	HO-01	35.00	60.00	60.00	0.11	260.69
16082.08	Codo	14.00	21.30	35.30	HO-01	145.00	60.00	60.00	0.45	1079.99
16149.67	Codo	14.00	28.36	42.36	HO-01	95.00	60.00	60.00	0.29	797.58
16164.46	Codo	14.00	29.91	43.91	HO-01	200.00	60.00	60.00	0.62	1489.64
16239.08	Codo	14.00	37.71	51.71	HO-01	250.00	60.00	60.00	0.78	1862.06
16270.98	Codo	14.00	41.05	55.05	HO-01	270.00	60.00	60.00	0.84	2011.02
16301.23	Codo	10.00	44.21	54.21	HO-01	40.00	60.00	60.00	0.13	321.28
16322.55	Codo	10.00	46.44	56.44	HO-01	40.00	60.00	60.00	0.13	321.28
16360.88	Codo	10.00	50.44	60.44	HO-01	45.00	60.00	60.00	0.15	361.44
16419.24	Codo	10.00	56.55	66.55	HO-01	100.00	60.00	60.00	0.33	803.20
16428.36	Codo	10.00	57.50	67.50	HO-01	195.00	60.00	60.00	0.65	1566.23
16430.94	Codo	10.00	57.77	67.77	HO-01	195.00	60.00	60.00	0.65	1566.23
16434.05	Codo	10.00	58.09	68.09	HO-01	195.00	60.00	60.00	0.65	1566.23
16470.27	Codo	10.00	61.88	71.88	HO-01	210.00	60.00	60.00	0.70	1686.71
16473.58	Codo	10.00	62.23	72.23	HO-01	210.00	60.00	60.00	0.70	1686.71
16549.83	Codo	10.00	70.20	80.20	HO-01	120.00	60.00	60.00	0.40	963.83
16608.59	Codo	10.00	76.34	86.34	HO-01	255.00	60.00	60.00	0.85	2048.15
16623.78	Codo	10.00	77.93	87.93	HO-01	135.00	60.00	60.00	0.45	1084.31
16674.83	Codo	10.00	83.27	93.27	HO-01	145.00	60.00	60.00	0.49	1164.63
16718.94	Codo	10.00	87.88	97.88	HO-01	150.00	60.00	60.00	0.50	1204.79
16734.03	Codo	10.00	89.45	99.45	HO-01	80.00	60.00	60.00	0.27	642.56
16743.16	Codo	10.00	90.41	100.41	HO-01	155.00	60.00	60.00	0.52	1244.95
16768.35	Codo	10.00	93.04	103.04	HO-01	80.00	60.00	60.00	0.27	642.56
16780.89	Codo	10.00	94.35	104.35	HO-01	315.00	60.00	60.00	1.05	2530.06
16782.46	Codo	10.00	94.52	104.52	HO-01	315.00	60.00	60.00	1.05	2530.06
16794.63	Codo	10.00	95.79	105.79	HO-01	165.00	60.00	60.00	0.55	1325.27
16797.46	Codo	10.00	96.09	106.09	HO-01	165.00	60.00	60.00	0.55	1325.27
16821.49	Codo	10.00	98.60	108.60	HO-01	330.00	60.00	60.00	1.10	2650.54
16850.07	Codo	10.00	101.59	111.59	HO-01	175.00	60.00	60.00	0.59	1405.59
16934.65	Codo	10.00	110.43	120.43	HO-01	190.00	60.00	60.00	0.64	1526.07
16946.52	Codo	10.00	111.67	121.67	HO-01	375.00	60.00	60.00	1.25	3011.98
18331.00	Codo	10.00	225.04	235.04	HO-01	380.00	60.00	60.00	1.27	3052.14
18384.00	Codo	10.00	230.58	240.58	HO-01	390.00	60.00	60.00	1.31	3132.46
18394.00	Codo	10.00	231.63	241.63	HO-01	390.00	60.00	60.00	1.31	3132.46
18115.00	Codo	10.00	233.82	243.82	HO-01	200.00	60.00	60.00	0.67	1606.39
18128.53	Codo	10.00	235.24	245.24	HO-02	485.00	90.00	90.00	3.81	9133.50
18289.37	Codo	10.00	252.05	262.05	HO-02	515.00	90.00	90.00	4.04	9698.45
18315.82	Codo	10.00	0.95	10.95	HO-01	15.00	60.00	60.00	0.05	120.48
18332.86	Codo	10.00	2.78	12.78	HO-01	15.00	60.00	60.00	0.05	120.48
18354.42	Codo	10.00	2.86	12.86	HO-01	15.00	60.00	60.00	0.05	120.48
18361.01	Codo	10.00	3.34	13.34	HO-01	15.00	60.00	60.00	0.05	120.48
18429.00	Codo	10.00	8.25	18.25	HO-01	35.00	60.00	60.00	0.12	281.12
18432.64	Codo	10.00	8.54	18.54	HO-02	15.00	90.00	90.00	0.12	282.48
18440.96	Codo	10.00	9.14	19.14	HO-01	20.00	60.00	60.00	0.07	160.64
18582.93	Codo	10.00	19.45	29.45	HO-01	35.00	60.00	60.00	0.12	281.12
18631.79	Codo	10.00	23.00	33.00	HO-01	45.00	60.00	60.00	0.15	361.44
18698.47	Codo	10.00	27.84	37.84	HO-01	50.00	60.00	60.00	0.17	401.60
18697.97	Codo	14.00	35.79	45.79	HO-01	235.00	60.00	60.00	0.73	1750.33
18651.73	Codo	14.00	38.97	52.97	HO-02	135.00	60.00	60.00	0.42	1005.51
18912.00	Codo	14.00	43.34	57.34	HO-01	285.00	60.00	60.00	0.88	2122.74
18945.00	Codo	14.00	45.74	59.74	HO-01	300.00	60.00	60.00	0.93	2234.47
19015.00	Codo	14.00	50.82	64.82	HO-01	90.00	60.00	60.00	0.28	670.34
19026.00	Codo	14.00	51.62	65.62	HO-01	90.00	60.00	60.00	0.28	670.34
19096.00	Codo	14.00	56.70	70.70	HO-01	95.00	60.00	60.00	0.29	707.58
19130.00	Codo	14.00	59.17	73.17	HO-01	100.00	60.00	60.00	0.31	744.82
19160.00	Codo	14.00	61.35	75.35	HO-01	105.00	60.00	60.00	0.33	782.06
19213.00	Codo	14.00	65.20	79.20	HO-01	220.00	60.00	60.00	0.68	1638.61
19216.00	Codo	14.00	65.41	79.41	HO-01	220.00	60.00	60.00	0.68	1638.61
19223.00	Codo	14.00	65.92	79.92	HO-01	435.00	60.00	60.00	1.35	3239.98
19225.00	Codo	14.00	66.07	80.07	HO-01	435.00	60.00	60.00	1.35	3239.98
19305.79	Codo	14.00	71.93	85.93	HO-01	240.00	60.00	60.00	0.74	1787.57
19320.08	Codo	14.00	72.97	86.97	HO-01	480.00	60.00	60.00	1.49	3575.15
19327.76	Codo	14.00	73.53	87.53	HO-01	480.00	60.00	60.00	1.49	3575.15
19329.47	Codo	14.00	73.65	87.65	HO-01	485.00	60.00	60.00	1.51	3612.39
19894.32	Codo	14.00	114.66	128.66	HO-01	385.00	60.00	60.00	1.19	2867.57
19907.50	Codo	14.00	115.62	129.62	HO-01	195.00	60.00	60.00	0.61	1452.40
20019.92	Codo	14.00	123.78	137.78	HO-01	210.00	60.00	60.00	0.65	1564.13
20752.00	Codo	14.00	176.93	190.93	HO-02	365.00	90.00	90.00	2.78	6660.60
20775.00	Codo	14.00	178.60	192.60	HO-02	185.00	90.00	90.00	1.41	3375.92
20886.99	Codo	14.00	186.73	200.73	HO-02	385.00	90.00	90.00	2.93	7025.57
20894.63	Codo	14.00	187.29	201.29	HO-03	452.65	120.00	120.00	6.92	16613.49
20910.32	Codo	14.00	188.43	202.43	HO-01	315.00	60.00	60.00	0.98	2346.19
20949.28	Codo	14.00	191.25	205.25	HO-02	395.00	90.00	90.00	3.00	7208.05
20956.70	Codo	14.00	191.79	205.79	HO-02	395.00	90.00	90.00	3.00	7208.05
20963.63	Codo	14.00	192.30	206.30	HO-02	395.00	90.00	90.00	3.00	7208.05
21025.00	Codo	14.00	196.75	210.75	HO-01	330.00	60.00	60.00	1.02	2457.91
21045.00	Codo	14.00	198.20	212.20	HO-01	335.00	60.00	60.00	1.04	2495.16
21118.00	Codo	14.00	4.55	18.55	HO-01	15.00	60.00	60.00	0.05	111.72
21165.00	Codo	14.00	9.89	23.89	HO-01	20.00	60.00	60.00	0.06	148.96
21175.00	Codo	14.00	11.03	25.03	HO-01	20.00	60.00	60.00	0.06	148.96
21185.00	Codo	14.00	12.17	26.17	HO-01	25.00	60.00	60.00	0.08	186.21
21280.00	Codo	14.00	22.97	36.97	HO-01	80.00	60.00	60.00	0.25	595.86
21286.00	Codo	14.00	23.66	37.66	HO-01	80.00	60.00	60.00	0.25	595.86
21295.00	Codo	14.00	24.68	38.68	HO-01	85.00	60.00	60.00	0.26	633.10
21302.00	Codo	14.00	25.48	39.48	HO-01	90.00	60.00	60.00	0.28	670.34
21330.00	Codo	14.00	28.66	42.66	HO-01	50.00	60.00	60.00	0.16	372.41
21350.00	Codo	14.00	30.94	44.94	HO-01	55.00	60.00	60.00	0.17	409.65
21365.00	Codo	14.00	32.64	46.64	HO-01	55.00	60.00	60.00	0.17	409.65
21395.38	Codo	14.00	36.10	50.10	HO-01	125.00	60.00	60.00	0.39	931.03
21425.67	Codo	14.00	39.54	53.54	HO-01	70.00	60.00	60.00	0.22	521.38
21435.99	Codo	14.00	40.72	54.72	HO-02	85.00	90.00	90.00	0.65	1551.10
21442.10	Codo	14.00	41.41	55.41	HO-02	45.00	90.00	90.00	0.34	821.17
21449.35	Codo	14.00	42.24	56.24	HO-01	75.00	60.00	60.00	0.23	558.62
21466.34	Codo	14.00	44.17	58.17	HO-01	75.00	60.00	60.00	0.23	558.62
21469.47	Codo	14.00	44.52	58.52	HO-01	540.00	60.00	60.00	1.68	4022.04

Abciscado	Accesorio	Díametro (pulg)	Presión de Servicio (mca)	Empuje Total (kg)	Tipo de Anclaje	L1 (cm)	h (cm)	b (cm)	Volumen del Anclaje (m³)	Peso del Anclaje (kg)
21471.28	Codo	14.00	44.73	58.73	HO-01	295.00	60.00	60.00	0.92	2197.23
21491.34	Codo	14.00	47.01	61.01	HO-01	160.00	60.00	60.00	0.50	1191.72
21517.07	Codo	14.00	49.94	63.94	HO-01	170.00	60.00	60.00	0.53	1266.20
21546.00	Codo	14.00	53.23	67.23	HO-01	90.00	60.00	60.00	0.28	670.34
21553.00	Codo	14.00	54.02	68.02	HO-01	95.00	60.00	60.00	0.29	707.58
21561.00	Codo	14.00	54.93	68.93	HO-01	95.00	60.00	60.00	0.29	707.58
21571.00	Codo	14.00	56.07	70.07	HO-01	190.00	60.00	60.00	0.59	1415.16
21587.00	Codo	14.00	57.89	71.89	HO-01	100.00	60.00	60.00	0.31	744.82
21597.00	Codo	14.00	59.03	73.03	HO-01	100.00	60.00	60.00	0.31	744.82
21625.00	Codo	14.00	62.21	76.21	HO-01	105.00	60.00	60.00	0.33	782.06
21628.00	Codo	14.00	62.55	76.55	HO-01	105.00	60.00	60.00	0.33	782.06
21671.00	Codo	14.00	67.44	81.44	HO-01	115.00	60.00	60.00	0.36	856.55
21753.00	Codo	14.00	76.77	90.77	HO-01	260.00	60.00	60.00	0.81	1936.54
21786.00	Codo	14.00	80.52	94.52	HO-01	975.00	60.00	60.00	3.03	7262.02
21796.00	Codo	14.00	81.66	95.66	HO-01	140.00	60.00	60.00	0.43	1042.75
21820.00	Codo	14.00	84.39	98.39	HO-01	145.00	60.00	60.00	0.45	1079.99
21848.97	Codo	10.00	87.69	97.69	HO-01	75.00	60.00	60.00	0.25	602.40
21856.04	Codo	10.00	88.49	98.49	HO-01	150.00	60.00	60.00	0.50	1204.79
21869.16	Codo	10.00	89.98	99.98	HO-01	155.00	60.00	60.00	0.52	1244.95
21914.32	Codo	10.00	95.12	105.12	HO-01	85.00	60.00	60.00	0.28	682.72
21927.71	Codo	10.00	96.64	106.64	HO-01	325.00	60.00	60.00	1.09	2610.38
21960.00	Codo	10.00	100.31	110.31	HO-02	385.00	90.00	90.00	3.02	7250.30
21971.00	Codo	10.00	101.56	111.56	HO-01	90.00	60.00	60.00	0.30	722.88
22015.00	Codo	10.00	106.57	116.57	HO-01	95.00	60.00	60.00	0.32	763.04
22017.00	Codo	10.00	106.80	116.80	HO-01	95.00	60.00	60.00	0.32	763.04
22055.00	Codo	10.00	111.12	121.12	HO-01	190.00	60.00	60.00	0.64	1526.07
22078.00	Codo	10.00	113.73	123.73	HO-01	100.00	60.00	60.00	0.33	803.20
22081.00	Codo	10.00	114.08	124.08	HO-01	100.00	60.00	60.00	0.33	803.20
22110.00	Codo	10.00	117.37	127.37	HO-01	100.00	60.00	60.00	0.33	803.20
22140.00	Codo	10.00	120.79	130.79	HO-01	105.00	60.00	60.00	0.35	843.35
22170.00	Codo	10.00	124.20	134.20	HO-01	110.00	60.00	60.00	0.37	883.51
22174.00	Codo	10.00	124.65	134.65	HO-01	215.00	60.00	60.00	0.72	1726.87
22180.00	Codo	10.00	125.33	135.33	HO-01	215.00	60.00	60.00	0.72	1726.87
22186.00	Codo	10.00	126.02	136.02	HO-01	215.00	60.00	60.00	0.72	1726.87
22205.00	Codo	10.00	128.18	138.18	HO-01	110.00	60.00	60.00	0.37	883.51
22214.00	Codo	10.00	128.20	138.20	HO-01	430.00	60.00	60.00	1.44	3453.74
22220.00	Codo	10.00	129.88	139.88	HO-01	430.00	60.00	60.00	1.44	3453.74
22370.00	Codo	10.00	146.94	156.94	HO-01	125.00	60.00	60.00	0.42	1000.99
22418.00	Codo	10.00	152.40	162.40	HO-01	130.00	60.00	60.00	0.44	1044.15
22483.00	Codo	10.00	159.90	169.90	HO-01	270.00	60.00	60.00	0.90	2169.63
22558.69	Codo	10.00	168.39	178.39	HO-01	145.00	60.00	60.00	0.49	1164.63
22551.41	Codo	10.00	167.58	177.58	HO-01	285.00	60.00	60.00	0.95	2289.11
22520.29	Codo	10.00	164.04	174.04	HO-01	140.00	60.00	60.00	0.47	1124.47
22501.05	Codo	10.00	161.85	171.85	HO-01	275.00	60.00	60.00	0.92	2208.79
22578.00	Codo	10.00	170.60	180.60	HO-01	145.00	60.00	60.00	0.49	1164.63
22582.00	Codo	10.00	171.06	181.06	HO-01	145.00	60.00	60.00	0.49	1164.63
22593.00	Codo	10.00	172.31	182.31	HO-01	150.00	60.00	60.00	0.50	1204.79
22599.00	Codo	10.00	172.99	182.99	HO-01	150.00	60.00	60.00	0.50	1204.79
22615.00	Codo	10.00	174.81	184.81	HO-01	150.00	60.00	60.00	0.50	1204.79
22825.00	Codo	10.00	198.69	208.69	HO-02	410.00	90.00	90.00	3.22	7721.10
22835.00	Codo	10.00	199.83	209.83	HO-02	410.00	90.00	90.00	3.22	7721.10
22842.00	Codo	10.00	200.63	210.63	HO-01	170.00	60.00	60.00	0.57	1365.43
22882.00	Codo	10.00	205.18	215.18	HO-01	175.00	60.00	60.00	0.59	1405.59
22888.00	Codo	10.00	205.86	215.86	HO-01	350.00	60.00	60.00	1.17	2811.18
22942.00	Codo	10.00	212.00	222.00	HO-01	360.00	60.00	60.00	1.20	2891.50
23006.00	Codo	14.00	1.56	15.56	HO-01	15.00	60.00	60.00	0.05	111.72
23011.00	Codo	14.00	1.97	15.97	HO-01	15.00	60.00	60.00	0.05	111.72
23014.00	Codo	14.00	2.21	16.21	HO-01	15.00	60.00	60.00	0.05	111.72
23115.00	Codo	14.00	10.50	24.50	HO-01	20.00	60.00	60.00	0.06	148.96
23128.00	Codo	14.00	11.57	25.57	HO-01	20.00	60.00	60.00	0.06	148.96
23156.00	Codo	14.00	13.86	27.86	HO-01	25.00	60.00	60.00	0.08	186.21
23183.00	Codo	14.00	16.08	30.08	HO-01	30.00	60.00	60.00	0.09	223.45
23188.00	Codo	14.00	16.49	30.49	HO-01	30.00	60.00	60.00	0.09	223.45
23192.00	Codo	14.00	16.82	30.82	HO-01	115.00	60.00	60.00	0.36	856.55
23195.00	Codo	14.00	17.06	31.06	HO-01	30.00	60.00	60.00	0.09	223.45
23209.00	Codo	14.00	18.21	32.21	HO-01	35.00	60.00	60.00	0.11	260.69
23225.00	Codo	14.00	19.52	33.52	HO-01	35.00	60.00	60.00	0.11	260.69
23235.00	Codo	14.00	20.34	34.34	HO-01	35.00	60.00	60.00	0.11	260.69
23240.00	Codo	14.00	20.75	34.75	HO-01	40.00	60.00	60.00	0.12	297.93
23250.00	Codo	14.00	21.57	35.57	HO-01	40.00	60.00	60.00	0.12	297.93
23270.00	Codo	14.00	23.21	37.21	HO-01	40.00	60.00	60.00	0.12	297.93
23401.00	Codo	14.00	33.96	47.96	HO-01	115.00	60.00	60.00	0.36	856.55
23409.00	Codo	14.00	34.62	48.62	HO-01	420.00	60.00	60.00	1.30	3128.25
23414.00	Codo	14.00	35.03	49.03	HO-01	60.00	60.00	60.00	0.19	446.89
23435.00	Codo	14.00	36.75	50.75	HO-01	65.00	60.00	60.00	0.20	484.13
23440.00	Codo	14.00	37.16	51.16	HO-01	65.00	60.00	60.00	0.20	484.13
23440.00	Codo	14.00	37.82	51.82	HO-01	65.00	60.00	60.00	0.20	484.13
23485.00	Codo	14.00	40.85	54.85	HO-01	70.00	60.00	60.00	0.22	521.38
23525.00	Codo	14.00	44.13	58.13	HO-01	290.00	60.00	60.00	0.90	2159.98
23540.00	Codo	14.00	45.38	59.38	HO-01	155.00	60.00	60.00	0.48	1154.47
23556.00	Codo	14.00	46.67	60.67	HO-01	80.00	60.00	60.00	0.25	595.86
23572.00	Codo	14.00	47.99	61.99	HO-01	85.00	60.00	60.00	0.26	633.10
23590.00	Codo	14.00	49.48	63.48	HO-01	85.00	60.00	60.00	0.26	633.10
23620.00	Codo	14.00	51.92	65.92	HO-01	175.00	60.00	60.00	0.54	1303.44
23683.00	Codo	14.00	57.28	71.28	HO-01	100.00	60.00	60.00	0.31	744.82
23690.00	Codo	14.00	57.67	71.67	HO-01	100.00	60.00	60.00	0.31	744.82
23695.00	Codo	14.00	58.08	72.08	HO-01	195.00	60.00	60.00	0.61	1452.40
23700.00	Codo	14.00	58.49	72.49	HO-01	100.00	60.00	60.00	0.31	744.82
23704.00	Codo	14.00	58.82	72.82	HO-01	100.00	60.00	60.00	0.31	744.82
23720.00	Codo	14.00	60.13	74.13	HO-01	105.00	60.00	60.00	0.33	782.06
23744.00	Codo	14.00	62.10	76.10	HO-01	210.00	60.00	60.00	0.65	1554.13
23748.00	Codo	14.00	62.42	76.42	HO-01	210.00	60.00	60.00	0.65	1554.13
23760.00	Codo	14.00	63.41	77.41	HO-01	110.00	60.00	60.00	0.34	819.30
23761.00	Codo	14.00	63.49	77.49	HO-01	110.00	60.00	60.00	0.34	819.30
23780.00	Codo	14.00	65.05	79.05	HO-01	110.00	60.00	60.00	0.34	819.30
23790.00	Codo	14.00	65.87	79.87	HO-01	115.00	60.00	60.00	0.36	856.55
23895.00	Codo	14.00	74.48	88.48	HO-01	125.00	60.00	60.00	0.39	931.03
24050.00	Codo	10.00	87.20	97.20	HO-01	75.00	60.00	60.00	0.25	602.40

Abcisdado	Accesorio	Dámetro (pulg)	Presión de Servicio (mca)	Empuje Total (kg)	Tipo de Anclaje	L1 (cm)	h (cm)	b (cm)	Volumen del Anclaje (m³)	Peso del Anclaje (kg)
24064.00	Codo	10.00	88.35	98.35	HO-01	150.00	60.00	60.00	0.27	1204.79
24078.00	Codo	10.00	89.49	99.49	HO-01	80.00	60.00	60.00	0.50	642.56
24165.00	Codo	10.00	96.63	106.63	HO-01	85.00	60.00	60.00	0.28	682.72
24175.00	Codo	10.00	97.45	107.45	HO-01	85.00	60.00	60.00	0.28	682.72
24190.00	Codo	10.00	98.68	108.68	HO-01	170.00	60.00	60.00	0.57	1365.43
24205.00	Codo	10.00	99.91	109.91	HO-01	170.00	60.00	60.00	0.57	1365.43
24220.00	Codo	10.00	101.14	111.14	HO-01	90.00	60.00	60.00	0.30	722.88
24232.00	Codo	10.00	102.13	112.13	HO-01	175.00	60.00	60.00	0.59	1405.59
24242.00	Codo	10.00	102.95	112.95	HO-01	90.00	60.00	60.00	0.30	722.88
24322.00	Codo	10.00	109.51	119.51	HO-01	95.00	60.00	60.00	0.32	763.04
24332.00	Codo	10.00	110.33	120.33	HO-01	95.00	60.00	60.00	0.32	763.04
24427.00	Codo	10.00	118.12	128.12	HO-01	105.00	60.00	60.00	0.35	843.35
24440.00	Codo	10.00	119.19	129.19	HO-01	105.00	60.00	60.00	0.35	843.35
24451.00	Codo	10.00	120.09	130.09	HO-01	105.00	60.00	60.00	0.35	843.35
24480.00	Codo	10.00	122.47	132.47	HO-01	105.00	60.00	60.00	0.35	843.35
24500.00	Codo	10.00	128.21	138.21	HO-01	110.00	60.00	60.00	0.37	883.51
24562.00	Codo	10.00	129.20	139.20	HO-01	220.00	60.00	60.00	0.74	1767.03
24571.00	Codo	10.00	129.94	139.94	HO-01	220.00	60.00	60.00	0.74	1767.03
24580.00	Codo	10.00	130.67	140.67	HO-01	115.00	60.00	60.00	0.38	923.67
24597.00	Codo	10.00	132.07	142.07	HO-01	115.00	60.00	60.00	0.38	923.67
24665.00	Codo	10.00	137.65	147.65	HO-01	120.00	60.00	60.00	0.40	963.83
24695.00	Codo	10.00	140.11	150.11	HO-02	290.00	90.00	90.00	2.28	5461.27
24720.00	Codo	10.00	142.16	152.16	HO-01	125.00	60.00	60.00	0.42	1003.99
24740.00	Codo	10.00	143.80	153.80	HO-01	245.00	60.00	60.00	0.82	1967.83
24750.00	Codo	10.00	144.78	154.78	HO-01	245.00	60.00	60.00	0.82	1967.83
24784.00	Codo	10.00	148.23	158.23	HO-01	250.00	60.00	60.00	0.84	2007.99
24810.00	Codo	10.00	149.54	159.54	HO-01	255.00	60.00	60.00	0.85	2048.15
24816.00	Codo	10.00	150.03	160.03	HO-01	255.00	60.00	60.00	0.85	2048.15
24835.00	Codo	10.00	159.79	169.79	HO-01	140.00	60.00	60.00	0.47	1124.47
24943.00	Codo	10.00	160.45	170.45	HO-01	275.00	60.00	60.00	0.92	2208.79
24950.00	Codo	10.00	161.02	171.02	HO-01	140.00	60.00	60.00	0.47	1134.47
24962.00	Codo	10.00	162.01	172.01	HO-01	140.00	60.00	60.00	0.47	1134.47
25050.00	Codo	10.00	169.23	179.23	HO-01	290.00	60.00	60.00	0.97	2329.27
25075.00	Codo	10.00	171.28	181.28	HO-01	445.00	60.00	60.00	0.49	1194.63
25170.00	Codo	10.00	179.07	189.07	HO-01	155.00	60.00	60.00	0.52	1244.86
25290.00	Codo	10.00	188.91	198.91	HO-01	630.00	60.00	60.00	0.54	1285.11
25300.00	Codo	10.00	197.12	207.12	HO-01	335.00	60.00	60.00	1.12	2690.70
25400.00	Codo	10.00	197.94	207.94	HO-01	335.00	60.00	60.00	1.12	2690.70
25440.00	Codo	10.00	201.22	211.22	HO-01	175.00	60.00	60.00	0.59	1405.59
25451.00	Codo	10.00	202.12	212.12	HO-01	175.00	60.00	60.00	0.59	1405.59
25460.00	Codo	10.00	202.86	212.86	HO-01	175.00	60.00	60.00	0.59	1405.59
25485.00	Codo	10.00	204.91	214.91	HO-01	175.00	60.00	60.00	0.59	1405.59
25496.00	Codo	10.00	205.81	215.81	HO-01	175.00	60.00	60.00	0.59	1405.59
25508.00	Codo	10.00	206.80	216.80	HO-02	425.00	90.00	90.00	3.33	8002.58
25515.00	Codo	10.00	207.37	217.37	HO-01	180.00	60.00	60.00	0.60	1445.75
25567.00	Codo	10.00	210.82	220.82	HO-01	180.00	60.00	60.00	0.60	1445.75
25567.00	Codo	10.00	211.64	221.64	HO-01	180.00	60.00	60.00	0.60	1445.75
25600.00	Codo	10.00	214.34	224.34	HO-01	185.00	60.00	60.00	0.62	1485.91
25630.00	Codo	14.00	1.57	15.57	HO-01	15.00	60.00	60.00	0.05	111.72
25690.00	Codo	14.00	5.86	19.86	HO-01	25.00	60.00	60.00	0.08	186.21
25750.00	Codo	14.00	10.15	24.15	HO-01	35.00	60.00	60.00	0.11	260.69
25760.00	Codo	14.00	10.87	24.87	HO-01	40.00	60.00	60.00	0.12	299.93
25775.00	Codo	14.00	11.94	25.94	HO-01	25.00	60.00	60.00	0.08	186.21
25780.00	Codo	14.00	12.30	26.30	HO-01	25.00	60.00	60.00	0.08	186.21
25800.00	Codo	14.00	13.73	27.73	HO-01	25.00	60.00	60.00	0.08	186.21
25820.00	Codo	14.00	15.16	29.16	HO-01	30.00	60.00	60.00	0.09	223.45
25835.00	Codo	14.00	16.23	30.23	HO-01	30.00	60.00	60.00	0.09	223.45
25845.00	Codo	14.00	16.95	30.95	HO-01	30.00	60.00	60.00	0.09	223.45
25853.00	Codo	14.00	17.52	31.52	HO-01	120.00	60.00	60.00	0.37	893.79
25890.00	Codo	14.00	20.16	34.16	HO-01	35.00	60.00	60.00	0.11	260.69
25921.12	Codo	14.00	22.39	36.39	HO-01	40.00	60.00	60.00	0.12	297.93
25928.72	Codo	14.00	22.79	36.79	HO-01	40.00	60.00	60.00	0.12	297.93
25950.00	Codo	14.00	24.45	38.45	HO-01	45.00	60.00	60.00	0.14	336.17
25990.00	Codo	14.00	27.31	41.31	HO-01	50.00	60.00	60.00	0.16	372.41
26020.00	Codo	14.00	29.46	43.46	HO-01	100.00	60.00	60.00	0.31	744.82
26103.00	Codo	14.00	35.39	49.39	HO-01	60.00	60.00	60.00	0.19	446.89
26178.00	Codo	14.00	35.89	49.89	HO-01	65.00	60.00	60.00	0.20	484.13
26116.00	Codo	14.00	36.32	50.32	HO-01	65.00	60.00	60.00	0.20	484.13
26130.00	Codo	14.00	37.32	51.32	HO-01	65.00	60.00	60.00	0.20	484.13
26192.00	Codo	14.00	41.76	55.76	HO-01	70.00	60.00	60.00	0.22	521.38
26198.00	Codo	14.00	42.19	56.19	HO-01	75.00	60.00	60.00	0.23	558.62
26208.00	Codo	14.00	42.90	56.90	HO-01	285.00	60.00	60.00	0.88	2122.74
26228.00	Codo	14.00	44.33	58.33	HO-01	150.00	60.00	60.00	0.47	1117.23
26262.00	Codo	14.00	46.76	60.76	HO-01	80.00	60.00	60.00	0.25	596.86
26278.00	Codo	14.00	47.91	61.91	HO-01	85.00	60.00	60.00	0.26	633.10
26275.00	Codo	14.00	47.89	61.89	HO-01	160.00	60.00	60.00	0.50	1191.72
26285.00	Codo	14.00	48.41	62.41	HO-01	85.00	60.00	60.00	0.26	633.10
26385.00	Codo	14.00	55.56	69.56	HO-01	95.00	60.00	60.00	0.29	707.58
26435.00	Codo	14.00	59.13	73.13	HO-01	100.00	60.00	60.00	0.31	744.82
26441.00	Codo	14.00	59.56	73.56	HO-01	100.00	60.00	60.00	0.31	744.82
26447.00	Codo	14.00	59.99	73.99	HO-01	105.00	60.00	60.00	0.33	782.06
26453.00	Codo	14.00	60.42	74.42	HO-01	105.00	60.00	60.00	0.33	782.06
26459.00	Codo	14.00	60.85	74.85	HO-01	105.00	60.00	60.00	0.33	782.06
26465.00	Codo	14.00	61.28	75.28	HO-01	105.00	60.00	60.00	0.33	782.06
26471.00	Codo	14.00	61.71	75.71	HO-01	105.00	60.00	60.00	0.33	782.06
26477.00	Codo	14.00	62.13	76.13	HO-01	105.00	60.00	60.00	0.33	782.06
26483.00	Codo	14.00	62.56	76.56	HO-01	105.00	60.00	60.00	0.33	782.06
26515.00	Codo	14.00	64.85	78.85	HO-01	110.00	60.00	60.00	0.34	819.30
26521.00	Codo	14.00	65.28	79.28	HO-01	110.00	60.00	60.00	0.34	819.30
26535.00	Codo	14.00	66.28	80.28	HO-01	115.00	60.00	60.00	0.36	856.55
26541.00	Codo	14.00	66.71	80.71	HO-01	115.00	60.00	60.00	0.36	856.55
26562.00	Codo	14.00	67.50	81.50	HO-01	115.00	60.00	60.00	0.36	856.55
26567.00	Codo	14.00	68.57	82.57	HO-01	115.00	60.00	60.00	0.36	856.55
26612.00	Codo	14.00	71.79	85.79	HO-01	120.00	60.00	60.00	0.37	893.79
26618.00	Codo	14.00	72.22	86.22	HO-01	245.00	60.00	60.00	0.76	1824.81
26624.00	Codo	14.00	72.65	86.65	HO-01	125.00	60.00	60.00	0.39	931.03
26630.00	Codo	14.00	73.07	87.07	HO-01	125.00	60.00	60.00	0.39	931.03
26700.00	Codo	14.00	78.08	92.08	HO-01	260.00	60.00	60.00	0.81	1936.54
26715.00	Codo	14.00	79.15	93.15	HO-01	265.00	60.00	60.00	0.82	1973.78
26725.00	Codo	14.00	79.87	93.87	HO-01	270.00	60.00	60.00	0.84	2011.02
26765.00	Codo	14.00	82.73	96.73	HO-01	275.00	60.00	60.00	0.85	2048.26
26785.00	Codo	14.00	84.16	98.16	HO-01	280.00	60.00	60.00	0.87	2085.50
26810.00	Codo	14.00	85.94	99.94	HO-01	145.00	60.00	60.00	0.45	1079.99
27120.00	Codo	14.00	108.11	122.11	HO-01	185.00	60.00	60.00	0.57	1377.92
27126.00	Codo	14.00	108.54	122.54	HO-01	185.00	60.00	60.00	0.57	1377.92
27132.00	Codo	14.00	108.97	122.97	HO-01	185.00	60.00	60.00	0.57	1377.92
27254.00	Codo	14.00	117.69	131.69						