

**ANEXO 10.2 – DESCRIÇÃO DO PERÍMETRO URBANO DA SEDE DO DISTRITO DE
PASSAGEM DE MARIANA****MEMORIAL DESCRITIVO**

REFERÊNCIA: POLIGONAL DO PERÍMETRO URBANO DA SEDE DO DISTRITO DE PASSAGEM DE MARIANA

MUNICÍPIO: MARIANA-MG

ÁREA: 2292013.56m²

DATUM HORIZONTAL: SIRGAS 2000

ZONA: 23S

MERIDIANO CENTRAL (MC): 45°W

DESCRIÇÃO

Inicia-se no vértice denominado **P1**, georreferenciado com coordenadas plano retangulares Relativas do sistema de projeção Universal Transversa de Mercator (UTM), fuso 23S: E= 660350.03m e N= 7745066.73m; daí segue pelos vértices seguintes, em ordem crescente, com coordenadas, azimutes e distâncias descritos no Quadro de Coordenadas abaixo e na planta constantes deste Anexo, até o vértice **P280** (E= 660139.42m e N= 7745024.40m); daí segue com azimute de 78°38'4.90" e distância de 214.82m até o vértice **P1** início desta descrição, fechando assim o perímetro da Zona Urbana, com área total de 2292013.56m².

VÉRTICE	COORDENADAS		ALINHAMENTO	AZIMUTES	DISTÂNCIA(m)
	E(m)	N(m)			
P1	660350,03	7745066,73	P1-P2	103°03'19.08"	74,96
P2	660423,05	7745049,8	P2-P3	147°28'57.06"	100,41
P3	660477,03	7744965,13	P3-P4	90°00'0.00"	66,68
P4	660543,7	7744965,13	P4-P5	108°39'49.67"	303,78
P5	660831,51	7744867,92	P5-P6	150°41'51.95"	297,34
P6	660977,03	7744608,62	P6-P7	179°50'8.60"	110,33
P7	660977,35	7744498,29	P7-P8	233°11'47.78"	79,16
P8	660913,96	7744450,87	P8-P9	164°44'33.78"	60,35
P9	660929,85	7744392,64	P9-P10	151°54'35.30"	23,46
P10	660940,89	7744371,94	P10-P11	126°53'36.97"	15,49
P11	660953,28	7744362,65	P11-P12	108°38'25.45"	19,03
P12	660971,31	7744356,56	P12-P13	93°22'21.07"	52
P13	661023,22	7744353,5	P13-P14	112°50'19.27"	62,14
P14	661080,49	7744329,38	P14-P15	121°46'36.74"	47,14
P15	661120,56	7744304,56	P15-P16	142°55'57.31"	12,55
P16	661128,12	7744294,55	P16-P17	99°20'43.12"	62,91

VÉRTICE	COORDENADAS		ALINHAMENTO	AZIMUTES	DISTÂNCIA(m)
	E(m)	N(m)			
P17	661190,19	7744284,34	P17-P18	78°47'2.84"	162,31
P18	661349,41	7744315,91	P18-P19	88°12'43.24"	53,22
P19	661402,6	7744317,57	P19-P20	95°05'55.57"	18,48
P20	661421,01	7744315,93	P20-P21	99°48'8.15"	73,46
P21	661493,39	7744303,42	P21-P22	345°40'28.16"	40,9
P22	661483,28	7744343,04	P22-P23	41°34'48.80"	8,36
P23	661488,82	7744349,3	P23-P24	67°29'38.32"	3,03
P24	661491,63	7744350,46	P24-P25	81°34'43.37"	62,47
P25	661553,43	7744359,61	P25-P26	342°01'58.33"	13,42
P26	661549,29	7744372,38	P26-P27	88°22'15.73"	22,39
P27	661571,67	7744373,01	P27-P28	116°58'38.33"	46,04
P28	661612,7	7744352,13	P28-P29	76°33'50.21"	47,51
P29	661658,9	7744363,17	P29-P30	192°59'28.58"	16,22
P30	661655,26	7744347,36	P30-P31	100°29'17.68"	61,27
P31	661715,5	7744336,21	P31-P32	9°11'31.11"	21,55
P32	661718,94	7744357,48	P32-P33	90°11'9.40"	46,9
P33	661765,85	7744357,33	P33-P34	159°52'57.72"	20,99
P34	661773,07	7744337,61	P34-P35	81°00'37.50"	50,52
P35	661822,97	7744345,51	P35-P36	356°57'55.73"	18,72
P36	661821,97	7744364,2	P36-P37	83°23'35.06"	13,49
P37	661835,38	7744365,75	P37-P38	176°42'8.29"	46,2
P38	661838,04	7744319,63	P38-P39	98°15'57.67"	28
P39	661865,75	7744315,61	P39-P40	61°54'24.31"	38,41
P40	661899,63	7744333,69	P40-P41	104°12'45.66"	7,14
P41	661906,56	7744331,94	P41-P42	194°47'10.63"	18,51
P42	661901,83	7744314,04	P42-P43	81°32'29.22"	10,25
P43	661911,97	7744315,55	P43-P44	94°46'49.20"	70,92
P44	661982,64	7744309,64	P44-P45	154°58'26.94"	14,58
P45	661988,81	7744296,43	P45-P46	48°23'16.93"	29,43
P46	662010,81	7744315,97	P46-P47	341°36'8.88"	29,02
P47	662001,65	7744343,51	P47-P48	73°30'4.94"	39,06
P48	662039,1	7744354,6	P48-P49	79°00'29.30"	17,69
P49	662056,46	7744357,98	P49-P50	173°09'53.49"	8,32
P50	662057,45	7744349,72	P50-P51	76°22'35.41"	7,84
P51	662065,07	7744351,56	P51-P52	162°02'13.79"	5,08
P52	662066,63	7744346,73	P52-P53	172°58'40.66"	13,32
P53	662068,26	7744333,51	P53-P54	77°33'7.34"	67,4
P54	662134,08	7744348,04	P54-P55	344°36'34.34"	35,31
P55	662124,71	7744382,09	P55-P56	76°40'38.17"	51,23
P56	662174,56	7744393,89	P56-P57	340°44'49.77"	35,44
P57	662162,88	7744427,36	P57-P58	68°34'45.63"	21,67
P58	662183,05	7744435,27	P58-P59	45°36'52.58"	22,76

VÉRTICE	COORDENADAS		ALINHAMENTO	AZIMUTES	DISTÂNCIA(m)
	E(m)	N(m)			
P59	662199,31	7744451,19	P59-P60	145°07'40.13"	14,5
P60	662207,6	7744439,29	P60-P61	158°07'14.93"	57,94
P61	662229,19	7744385,53	P61-P62	66°47'56.87"	3,22
P62	662232,15	7744386,8	P62-P63	144°48'52.21"	4,19
P63	662234,57	7744383,37	P63-P64	157°53'6.99"	18,07
P64	662241,37	7744366,63	P64-P65	54°30'34.27"	9,22
P65	662248,88	7744371,98	P65-P66	105°25'53.19"	33,19
P66	662280,87	7744363,15	P66-P67	141°12'30.03"	4,93
P67	662283,96	7744359,31	P67-P68	63°20'43.19"	22,62
P68	662304,17	7744369,46	P68-P69	66°44'35.53"	10,84
P69	662314,13	7744373,74	P69-P70	341°55'44.41"	4,36
P70	662312,78	7744377,88	P70-P71	56°31'42.11"	8,03
P71	662319,47	7744382,31	P71-P72	68°22'39.01"	15,8
P72	662334,16	7744388,13	P72-P73	78°28'54.55"	42,98
P73	662376,27	7744396,71	P73-P74	165°20'24.01"	52,13
P74	662389,47	7744346,28	P74-P75	79°29'26.92"	17,34
P75	662406,51	7744349,44	P75-P76	127°53'10.54"	18,55
P76	662421,15	7744338,05	P76-P77	175°31'14.11"	28,64
P77	662423,39	7744309,49	P77-P78	242°16'49.96"	43,89
P78	662384,53	7744289,08	P78-P79	261°26'46.95"	12,58
P79	662372,09	7744287,21	P79-P80	153°29'16.36"	14,69
P80	662378,65	7744274,06	P80-P81	105°17'16.76"	49,32
P81	662426,22	7744261,06	P81-P82	23°07'20.48"	8,87
P82	662429,7	7744269,22	P82-P83	68°55'14.42"	7,43
P83	662436,64	7744271,89	P83-P84	80°03'23.60"	28,62
P84	662464,83	7744276,84	P84-P85	134°03'43.97"	12,76
P85	662473,99	7744267,96	P85-P86	195°23'41.66"	9,49
P86	662471,47	7744258,81	P86-P87	105°02'4.42"	51,03
P87	662520,76	7744245,58	P87-P88	5°57'0.55"	17,2
P88	662522,55	7744262,68	P88-P89	12°50'0.87"	20,97
P89	662527,2	7744283,12	P89-P90	30°55'38.78"	13,95
P90	662534,37	7744295,09	P90-P91	41°34'33.35"	15,86
P91	662544,9	7744306,96	P91-P92	63°28'29.40"	18,51
P92	662561,46	7744315,22	P92-P93	146°46'53.93"	8,46
P93	662566,09	7744308,15	P93-P94	40°41'3.56"	5,97
P94	662569,98	7744312,67	P94-P95	54°24'18.59"	20,59
P95	662586,72	7744324,66	P95-P96	106°38'45.29"	11,36
P96	662597,6	7744321,41	P96-P97	42°58'0.18"	27,8
P97	662616,55	7744341,75	P97-P98	78°21'36.88"	39,45
P98	662655,19	7744349,71	P98-P99	356°59'54.72"	5,84
P99	662654,89	7744355,54	P99-P100	70°12'22.20"	2,56
P100	662657,29	7744356,41	P100-P101	108°51'44.58"	22,2

VÉRTICE	COORDENADAS		ALINHAMENTO	AZIMUTES	DISTÂNCIA(m)
	E(m)	N(m)			
P101	662678,3	7744349,23	P101-P102	85°33'52.20"	24,69
P102	662702,92	7744351,14	P102-P103	97°45'28.96"	76,43
P103	662778,65	7744340,82	P103-P104	23°09'0.20"	25,54
P104	662788,69	7744364,31	P104-P105	97°01'27.32"	73,13
P105	662861,27	7744355,37	P105-P106	198°43'13.08"	67,06
P106	662839,75	7744291,86	P106-P107	113°28'53.21"	35,19
P107	662872,03	7744277,84	P107-P108	109°44'34.52"	91,64
P108	662958,28	7744246,88	P108-P109	97°03'59.01"	32,26
P109	662990,3	7744242,91	P109-P110	47°43'37.52"	3,93
P110	662993,21	7744245,56	P110-P111	15°27'40.33"	51,61
P111	663006,96	7744295,3	P111-P112	1°23'2.29"	25,52
P112	663007,58	7744320,82	P112-P113	89°39'38.27"	60,4
P113	663067,97	7744321,17	P113-P114	61°38'1.63"	44,26
P114	663106,92	7744342,2	P114-P115	32°12'4.83"	62,73
P115	663140,35	7744395,29	P115-P116	37°19'11.19"	19,29
P116	663152,05	7744410,63	P116-P117	117°49'1.94"	108,3
P117	663247,84	7744360,09	P117-P118	61°57'37.31"	325,27
P118	663534,93	7744512,99	P118-P119	61°57'37.54"	273,8
P119	663776,58	7744641,7	P119-P120	176°30'57.07"	197,28
P120	663788,57	7744444,78	P120-P121	196°16'16.89"	18,16
P121	663783,49	7744427,35	P121-P122	220°18'48.97"	34,12
P122	663761,41	7744401,33	P122-P123	240°25'59.63"	23,4
P123	663741,06	7744389,79	P123-P124	253°09'20.75"	43
P124	663699,9	7744377,32	P124-P125	258°57'48.87"	87,73
P125	663613,8	7744360,53	P125-P126	252°52'54.68"	77,04
P126	663540,17	7744337,85	P126-P127	245°28'14.33"	70,15
P127	663476,35	7744308,73	P127-P128	239°27'39.57"	181,83
P128	663319,75	7744216,34	P128-P129	235°22'42.47"	180,57
P129	663171,15	7744113,75	P129-P130	223°32'20.05"	83,41
P130	663113,69	7744053,28	P130-P131	208°08'8.52"	76,18
P131	663077,76	7743986,1	P131-P132	179°16'39.74"	34,33
P132	663078,2	7743951,77	P132-P133	154°55'43.53"	30,92
P133	663091,3	7743923,77	P133-P134	178°05'40.39"	12,51
P134	663091,71	7743911,26	P134-P135	194°37'35.84"	5,55
P135	663090,31	7743905,89	P135-P136	91°52'5.63"	160,76
P136	663250,99	7743900,65	P136-P137	190°20'37.62"	164,15
P137	663221,51	7743739,17	P137-P138	196°26'9.88"	76,68
P138	663199,82	7743665,62	P138-P139	179°23'24.75"	17,29
P139	663200	7743648,33	P139-P140	165°59'49.03"	38,38
P140	663209,29	7743611,1	P140-P141	144°24'2.91"	99,5
P141	663267,21	7743530,19	P141-P142	155°08'49.17"	66,06
P142	663294,97	7743470,25	P142-P143	172°07'24.49"	94,43

VÉRTICE	COORDENADAS		ALINHAMENTO	AZIMUTES	DISTÂNCIA(m)
	E(m)	N(m)			
P143	663307,91	7743376,72	P143-P144	159°56'53.88"	41,36
P144	663322,09	7743337,86	P144-P145	170°23'20.50"	40,75
P145	663328,9	7743297,68	P145-P146	137°47'53.90"	14,64
P146	663338,74	7743286,84	P146-P147	148°05'32.99"	17,22
P147	663347,84	7743272,22	P147-P148	131°04'26.73"	39,88
P148	663377,9	7743246,02	P148-P149	159°55'23.78"	38,57
P149	663391,14	7743209,79	P149-P150	146°05'4.75"	38,89
P150	663412,84	7743177,52	P150-P151	153°49'5.22"	24,59
P151	663423,69	7743155,46	P151-P152	186°23'34.70"	8,18
P152	663422,78	7743147,33	P152-P153	249°48'43.33"	51,7
P153	663374,26	7743129,49	P153-P154	296°16'29.88"	57,52
P154	663322,68	7743154,95	P154-P155	287°08'55.71"	29,51
P155	663294,48	7743163,65	P155-P156	188°06'54.76"	44,77
P156	663288,16	7743119,33	P156-P157	241°46'27.74"	28,66
P157	663262,91	7743105,78	P157-P158	182°13'51.40"	16,93
P158	663262,25	7743088,86	P158-P159	252°07'45.15"	16,79
P159	663246,27	7743083,71	P159-P160	317°44'24.07"	16,11
P160	663235,43	7743095,64	P160-P161	353°32'11.24"	28,8
P161	663232,19	7743124,26	P161-P162	66°41'13.48"	14,61
P162	663245,6	7743130,04	P162-P163	334°57'32.97"	72,23
P163	663215,03	7743195,48	P163-P164	258°42'3.94"	86,21
P164	663130,5	7743178,59	P164-P165	287°31'23.20"	90,75
P165	663043,96	7743205,91	P165-P166	245°17'49.29"	25,23
P166	663021,04	7743195,37	P166-P167	302°44'25.51"	15,33
P167	663008,14	7743203,66	P167-P168	316°53'32.39"	6,69
P168	663003,57	7743208,54	P168-P169	10°29'22.94"	16,26
P169	663006,53	7743224,53	P169-P170	18°56'47.13"	43,26
P170	663020,58	7743265,45	P170-P171	269°25'51.11"	44,52
P171	662976,06	7743265,01	P171-P172	334°07'53.21"	12,68
P172	662970,53	7743276,42	P172-P173	43°09'29.28"	20,74
P173	662984,71	7743291,55	P173-P174	333°24'27.44"	30,1
P174	662971,23	7743318,47	P174-P175	296°04'47.74"	17,19
P175	662955,8	7743326,02	P175-P176	326°04'35.19"	18,72
P176	662945,35	7743341,56	P176-P177	250°26'47.25"	17,77
P177	662928,6	7743335,61	P177-P178	261°15'8.47"	22,2
P178	662906,66	7743332,23	P178-P179	354°09'23.48"	117,81
P179	662894,67	7743449,43	P179-P180	271°51'30.53"	421,67
P180	662473,22	7743463,1	P180-P181	234°12'11.56"	201,29
P181	662309,95	7743345,36	P181-P182	307°23'43.81"	36,25
P182	662281,15	7743367,38	P182-P183	334°28'41.60"	78,38
P183	662247,38	7743438,12	P183-P184	355°24'1.16"	50,67
P184	662243,32	7743488,62	P184-P185	326°49'28.66"	24,66

VÉRTICE	COORDENADAS		ALINHAMENTO	AZIMUTES	DISTÂNCIA(m)
	E(m)	N(m)			
P185	662229,82	7743509,26	P185-P186	355°52'6.81"	34,02
P186	662227,37	7743543,19	P186-P187	335°18'8.31"	81,87
P187	662193,16	7743617,57	P187-P188	236°33'49.83"	73,97
P188	662131,44	7743576,82	P188-P189	230°25'27.60"	67,95
P189	662079,06	7743533,52	P189-P190	206°32'24.93"	45,48
P190	662058,74	7743492,84	P190-P191	221°16'54.61"	26,48
P191	662041,27	7743472,94	P191-P192	194°42'11.66"	110,49
P192	662013,22	7743366,06	P192-P193	212°58'22.29"	61,62
P193	661979,69	7743314,37	P193-P194	229°27'39.58"	46,56
P194	661944,31	7743284,11	P194-P195	237°34'57.59"	284,83
P195	661703,86	7743131,41	P195-P196	262°06'7.28"	40,65
P196	661663,59	7743125,83	P196-P197	286°55'38.23"	50,36
P197	661615,41	7743140,49	P197-P198	310°36'5.52"	55,8
P198	661573,05	7743176,8	P198-P199	335°48'44.42"	30,11
P199	661560,71	7743204,27	P199-P200	351°52'12.10"	34,56
P200	661555,82	7743238,49	P200-P201	8°15'33.60"	29,17
P201	661560,01	7743267,35	P201-P202	25°33'35.96"	35,61
P202	661575,38	7743299,47	P202-P203	38°23'42.50"	50,66
P203	661606,84	7743339,17	P203-P204	49°12'4.98"	66,05
P204	661656,84	7743382,33	P204-P205	33°46'46.24"	41,45
P205	661679,89	7743416,78	P205-P206	17°04'15.24"	30,92
P206	661688,96	7743446,34	P206-P207	4°32'16.84"	44,13
P207	661692,46	7743490,34	P207-P208	339°10'24.48"	63,5
P208	661669,88	7743549,69	P208-P209	311°58'0.77"	45,69
P209	661635,91	7743580,24	P209-P210	288°33'45.63"	71,46
P210	661568,16	7743602,99	P210-P211	279°16'36.09"	78,51
P211	661490,68	7743615,65	P211-P212	24°56'10.24"	113,62
P212	661538,58	7743718,67	P212-P213	84°52'2.70"	93,69
P213	661631,89	7743727,05	P213-P214	99°55'3.58"	179,24
P214	661808,46	7743696,18	P214-P215	111°07'29.37"	62,4
P215	661866,66	7743673,69	P215-P216	104°02'10.20"	43,64
P216	661909	7743663,11	P216-P217	38°12'9.51"	111,77
P217	661978,12	7743750,94	P217-P218	358°07'32.55"	20,68
P218	661977,44	7743771,61	P218-P219	11°52'21.67"	27,39
P219	661983,08	7743798,42	P219-P220	315°37'37.55"	138,19
P220	661886,44	7743897,19	P220-P221	295°47'36.46"	85,07
P221	661809,85	7743934,21	P221-P222	279°08'3.76"	41
P222	661769,37	7743940,72	P222-P223	297°30'14.81"	43,31
P223	661730,95	7743960,72	P223-P224	283°49'19.24"	61,8
P224	661670,94	7743975,48	P224-P225	260°35'14.43"	60,18
P225	661611,57	7743965,64	P225-P226	238°05'57.30"	12,67
P226	661600,82	7743958,95	P226-P227	219°56'33.23"	134,74

VÉRTICE	COORDENADAS		ALINHAMENTO	AZIMUTES	DISTÂNCIA(m)
	E(m)	N(m)			
P227	661514,31	7743855,64	P227-P228	243°26'5.53"	19,52
P228	661496,85	7743846,91	P228-P229	202°35'46.04"	49,58
P229	661477,8	7743801,14	P229-P230	284°02'11.51"	20,73
P230	661457,69	7743806,17	P230-P231	337°21'53.82"	23,65
P231	661448,59	7743827,99	P231-P232	17°14'46.00"	55,61
P232	661465,07	7743881,1	P232-P233	0°26'35.44"	55,15
P233	661465,5	7743936,25	P233-P234	345°24'42.02"	22,33
P234	661459,88	7743957,85	P234-P235	66°29'10.10"	67,62
P235	661521,88	7743984,83	P235-P236	337°26'27.26"	115,53
P236	661477,56	7744091,52	P236-P237	265°22'38.33"	44,34
P237	661433,36	7744087,94	P237-P238	276°48'37.12"	24,72
P238	661408,81	7744090,88	P238-P239	292°36'56.30"	30,75
P239	661380,43	7744102,7	P239-P240	307°36'5.86"	96,46
P240	661304	7744161,56	P240-P241	297°10'32.34"	36,55
P241	661271,49	7744178,25	P241-P242	283°33'46.76"	27,88
P242	661244,39	7744184,79	P242-P243	271°53'20.54"	198,67
P243	661045,82	7744191,34	P243-P244	288°27'5.92"	41,53
P244	661006,43	7744204,48	P244-P245	300°35'7.45"	78,54
P245	660938,82	7744244,45	P245-P246	316°12'16.15"	51
P246	660903,52	7744281,26	P246-P247	323°47'38.78"	207,84
P247	660780,75	7744448,97	P247-P248	306°55'2.99"	40,6
P248	660748,29	7744473,35	P248-P249	296°22'27.71"	39,9
P249	660712,54	7744491,08	P249-P250	291°59'47.21"	286,75
P250	660446,66	7744598,48	P250-P251	266°09'45.56"	29,09
P251	660417,64	7744596,53	P251-P252	249°09'19.87"	46,23
P252	660374,43	7744580,08	P252-P253	236°16'47.32"	28,5
P253	660350,73	7744564,26	P253-P254	242°47'4.99"	28,92
P254	660325,01	7744551,04	P254-P255	255°12'42.73"	29,25
P255	660296,73	7744543,57	P255-P256	266°27'3.07"	17,47
P256	660279,3	7744542,49	P256-P257	273°33'57.17"	105,24
P257	660174,26	7744549,04	P257-P258	282°29'34.51"	31,39
P258	660143,61	7744555,83	P258-P259	296°21'13.45"	28,92
P259	660117,7	7744568,67	P259-P260	313°35'30.45"	46,43
P260	660084,07	7744600,68	P260-P261	317°36'48.71"	45,91
P261	660053,12	7744634,59	P261-P262	275°01'0.85"	70,53
P262	659982,87	7744640,76	P262-P263	287°57'35.45"	44,43
P263	659940,6	7744654,46	P263-P264	293°47'47.23"	87,84
P264	659860,23	7744689,9	P264-P265	296°25'48.57"	48,02
P265	659817,23	7744711,28	P265-P266	260°39'1.12"	21,66
P266	659795,86	7744707,76	P266-P267	285°29'57.96"	20,29
P267	659776,31	7744713,18	P267-P268	316°46'57.54"	42,95
P268	659746,89	7744744,48	P268-P269	275°37'29.77"	77,65

VÉRTICE	COORDENADAS		ALINHAMENTO	AZIMUTES	DISTÂNCIA(m)
	E(m)	N(m)			
P269	659669,62	7744752,09	P269-P270	279°03'49.71"	19,83
P270	659650,04	7744755,22	P270-P271	312°43'0.52"	13,98
P271	659639,76	7744764,7	P271-P272	322°31'58.61"	12,74
P272	659632,01	7744774,81	P272-P273	345°12'10.68"	37,3
P273	659622,49	7744810,88	P273-P274	100°40'35.49"	41,03
P274	659662,8	7744803,28	P274-P275	44°51'19.89"	146,2
P275	659765,92	7744906,92	P275-P276	35°48'3.61"	134,17
P276	659844,41	7745015,74	P276-P277	89°47'39.05"	53,71
P277	659898,12	7745015,93	P277-P278	108°42'30.02"	77,98
P278	659971,98	7744990,92	P278-P279	55°35'13.04"	104,18
P279	660057,93	7745049,8	P279-P280	107°18'42.06"	85,36
P280	660139,42	7745024,4	P280-P1	78°38'4.90"	214,82