

Project: COLMENA Site: desp vs terra Surface 1: desp Surface 2: terra Volume tag: desp vs terra mar. agosto 2022 15:12:14 2023

Station	Cut Area (m <sup>2</sup> )	Fill Area (m <sup>2</sup> )	END AREA Volume (m <sup>3</sup> )	Cut 1.0000 Volume (m <sup>3</sup> )	Fill 1.0000 Volume (m <sup>3</sup> )	Tot Vol (m <sup>3</sup> )	Fill 1.0000 Tot Vol (m <sup>3</sup> )	Mass	Ordinate
0+000	3.18	0.00							
0+001	4.18	1.65	3.68	0.82	3.68	0.82	0.82	2.85	
0+002	4.00	3.15	4.09	2.40	7.77	3.22	4.55		
0+003	3.82	3.12	3.91	3.13	11.68	6.36	5.33		
0+004	3.65	3.14	3.74	3.13	15.42	9.49	5.93		
0+005	3.49	3.15	3.57	3.14	18.99	12.63	6.36		
0+006	68.38	4.40	35.94	3.77	54.93	16.41	38.52		
0+007	69.01	2.57	68.70	3.49	123.62	19.90	103.73		
0+008	68.65	3.75	68.83	3.16	192.46	23.05	169.40		
0+009	68.58	4.88	68.62	4.31	261.07	27.37	233.71		
0+010	68.24	5.81	68.41	5.35	329.48	32.71	296.77		
0+011	67.80	6.64	68.02	6.23	397.50	38.94	358.56		
0+012	67.36	7.43	67.58	7.03	465.08	45.97	419.10		
0+013	141.66	8.28	104.51	7.85	569.59	53.83	515.76		
0+014	141.22	9.16	141.44	8.72	711.03	62.54	648.49		
0+015	140.79	10.00	141.01	9.58	852.03	72.12	779.91		
0+016	140.36	10.70	140.58	10.35	992.61	82.47	910.14		
0+017	140.02	11.06	140.19	10.88	1132.80	93.34	1039.46		
0+018	139.45	12.39	139.74	11.72	1272.54	105.07	1167.47		
0+019	139.13	12.98	139.29	12.69	1411.83	117.76	1294.07		
0+020	138.88	13.67	139.01	13.33	1550.84	131.09	1419.75		
0+021	138.64	14.33	138.76	14.00	1689.60	145.08	1544.51		
0+022	138.39	14.92	138.52	14.63	1828.11	159.71	1668.40		
0+023	138.15	15.49	138.27	15.21	1966.38	174.92	1791.47		
0+024	137.91	16.02	138.03	15.76	2104.42	190.67	1913.74		
0+025	137.69	16.51	137.80	16.26	2242.22	206.94	2035.28		
0+026	137.46	16.93	137.57	16.72	2379.79	223.65	2156.13		
0+027	137.16	17.10	137.31	17.01	2517.10	240.67	2276.43		
0+028	136.96	14.25	137.06	15.68	2654.16	256.34	2397.82		
0+029	136.86	14.63	136.91	14.44	2791.07	270.79	2520.28		
0+030	136.73	14.99	136.79	14.81	2927.86	285.60	2642.26		
0+031	136.57	15.36	136.65	15.17	3064.51	300.77	2763.74		
0+032	136.38	15.74	136.48	15.55	3200.98	316.32	2884.67		
0+033	136.16	16.00	136.27	15.87	3337.26	332.19	3005.07		
0+034	61.25	19.06	98.71	17.53	3435.96	349.72	3086.25		
0+035	61.11	19.15	61.18	19.10	3497.14	368.82	3128.32		
0+036	58.07	19.40	59.59	19.27	3556.73	388.09	3168.64		
0+037	57.53	24.49	57.80	21.94	3614.54	410.04	3204.50		
0+038	55.72	29.84	56.63	27.16	3671.16	437.20	3233.97		
0+039	51.85	33.61	53.79	31.72	3724.95	468.92	3256.03		
0+040	45.14	34.01	48.50	33.81	3773.44	502.73	3270.71		
0+041	37.98	34.13	41.56	34.07	3815.00	536.80	3278.20		
0+042	38.29	34.24	38.13	34.19	3853.14	570.99	3282.15		
0+043	40.23	34.40	39.26	34.32	3892.39	605.31	3287.08		
0+044	44.64	34.55	42.43	34.48	3934.83	639.79	3295.04		
0+045	48.43	34.78	46.54	34.66	3981.36	674.45	3306.91		
0+046	48.88	34.92	48.55	34.85	4029.92	709.30	3320.62		
0+047	75.66	6.48	62.17	20.70	4092.08	730.00	3362.08		
0+048	75.71	7.51	75.68	7.00	4167.77	737.00	3430.77		
0+049	75.91	7.35	75.81	7.43	4243.58	744.43	3499.14		
0+050	76.35	6.80	76.13	7.08	4319.71	751.51	3568.20		
0+051	76.73	6.65	76.54	6.73	4396.25	758.24	3638.01		
0+052	77.20	6.55	76.97	6.60	4473.21	764.84	3708.38		
0+053	77.49	6.53	77.35	6.54	4550.56	771.38	3779.18		
0+054	77.84	6.80	77.67	6.57	4628.23	777.94	3850.28		
0+055	83.85	6.71	80.85	6.66	4709.07	784.60	3924.47		
0+056	84.03	6.77	83.94	6.74	4793.01	791.34	4001.67		
0+057	83.62	7.56	83.83	7.16	4876.84	798.50	4078.34		
0+058	83.16	9.07	83.39	8.31	4960.23	806.82	4153.41		
0+059	81.47	10.62	82.32	9.84	5042.55	816.66	4225.89		
0+060	52.08	43.73	66.77	27.17	5109.32	843.83	4265.49		
0+061	52.06	46.05	52.07	44.89	5161.39	888.72	4272.67		
0+062	52.04	49.22	52.05	47.64	5213.44	936.36	4277.08		
0+063	52.02	50.44	52.03	49.83	5265.47	986.19	4279.28		
0+064	51.99	50.80	52.01	50.62	5317.47	1036.81	4280.66		
0+065	51.97	51.12	51.98	50.96	5369.45	1087.77	4281.68		
0+066	51.95	47.85	51.96	49.49	5421.42	1137.26	4284.16		
0+067	51.93	47.91	51.94	47.88	5473.36	1185.13	4288.22		
0+068	51.91	1.41	51.92	24.66	5525.28	1209.79	4315.49		
0+069	51.90	1.34	51.90	1.38	5577.18	1211.17	4366.02		
0+070	51.88	1.28	51.89	1.31	5629.07	1212.48	4416.59		
			51.87	1.25	5680.94	1213.73	4467.21		

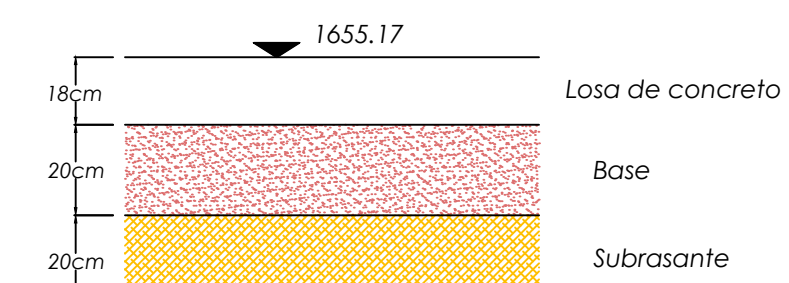
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Station	Cut Area (m <sup>2</sup> )	Fill Area (m <sup>2</sup> )	END AREA Volume (m <sup>3</sup> )	Cut 1.0000 Volume (m <sup>3</sup> )	Fill 1.0000 Volume (m <sup>3</sup> )	Tot Vol (m <sup>3</sup> )	Fill 1.0000 Tot Vol (m <sup>3</sup> )	Mass	Ordinate
0+071	51.86	1.22							
0+072	51.84	1.14	51.85	1.18	5732.79	1214.91	4517.88		
0+073	51.81	1.06	51.83	1.10	5784.62	1216.01	4568.61		
0+074	51.77	0.98	51.79	1.02	5836.41	1217.04	4619.37		
0+075	51.72	0.90	51.75	0.94	5888.15	1217.98	4670.18		
0+076	51.69	0.81	51.71	0.85	5939.86	1218.83	4721.03		
0+077	51.66	0.71	51.67	0.76	5991.53	1219.59	4771.95		
0+078	51.63	0.62	51.64	0.66	6043.18	1220.25	4822.93		
0+079	51.61	0.53	51.62	0.57	6094.80	1220.82	4873.97		
0+080	51.60	0.43	51.60	0.48	6146.40	1221.31	4925.09		
0+081	51.58	0.34	51.59	0.39	6197.99	1221.69	4976.30		
0+082	51.58	0.24	51.58	0.29	6249.57	1221.98	5027.59		
0+083	51.58	0.15	51.58	0.20	6301.15	1222.18	5078.97		
0+084	51.60	0.08	51.59	0.11	6352.74	1222.29	5130.45		
0+085	51.65	0.02	51.63	0.05	6404.37	1222.34	5182.03		
0+086	51.73	0.00	51.69	0.01	6456.06	1222.35	5233.71		
0+087	24.78	1.27	38.26	0.63	6494.31	1222.98	5271.33		
0+088	25.01	0.00	24.89	0.63	6519.21	1223.62	5295.59		
0+089	24.51	0.00	24.76	0.00	6543.96	1223.62	5320.34		
0+090	23.54	0.00	24.03	0.00	6567.99	1223.62	5344.37		
0+091	22.68	0.00	23.11	0.00	6591.10	1223.63	5367.47		
0+092	22.34	0.00	22.51	0.00	6613.61	1223.63	5389.98		
0+093	23.11	0.00	22.73	0.00	6636.34	1223.63	5412.71		
0+094	23.36	0.00	23.23	0.00	6659.58	1223.63	5435.95		
0+095	21.92	0.00	22.64	0.00	6682.22	1223.63	5458.59		
0+096	18.79	0.00	20.36	0.00	6702.57	1223.63	5478.94		
0+097	14.52	0.03	16.65	0.02	6719.23	1223.65	5495.58		
0+098	10.40	0.09	12.46	0.06	6731.69	1223.71	5507.98		
0+099	5.37	0.25	7.88	0.17	6739.57	1223.88	5515.70		
0+100	0.00	0.00	2.68	0.13	6742.26	1224.00	5518.25		

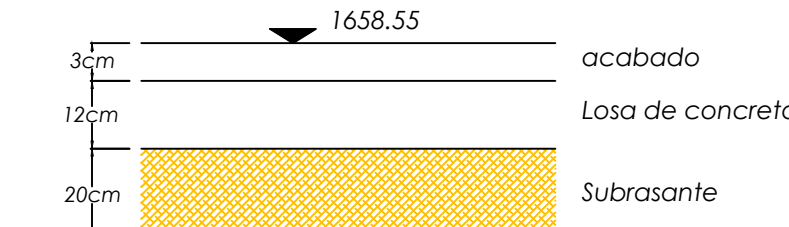
VOLUMEN DE CORTE = 6,742.26 M3  
 VOLUMEN DE TERRAPLEN = 1,224.00 M3  
 AREA DE COMPACTACION = 4,047.00 M2  
 AREA DE DESPALME = 4,047.00 M2  
 VOLUMEN DE DESPALME = 4,047.00 M2 X 0.40M = 1,618.80 M3  
 (Se considero un despilme de 40cm. de espesor)

AREAS Y VOLUMENES ESTRUCTURA DE PAVIMENTOS CENTRO DE AUTISMO											
	AREA (M2)	VOLUMEN CAPA SUBRASANTE (M2)	AREA DE BASE (M2)	VOLUMEN DE BASE (M3)	VOLUMEN DE GRAVA (M3)	AREA DE CONCRETO (ESPESOR 25CM) (M2)	AREA DE CONCRETO (ESPESOR 18CM) (M2)	AREA DE CONCRETO (ESPESOR 12CM) (M2)	AREA DE CONCRETO (ESPESOR 10CM) (M2)	AREA DE ADCRETO (M2)	AREA DE GRAVALOCK (M2)
SOTANO	2,020.80	404.16	2,020.80	404.16			1,965.60				
CISTERNA	17.81	3.56	17.81	3.56		17.81					
BANQUETA SOTANO	68.04	13.61						68.04			
PLANTA BAJA	551.04	110.21						551.04			
PATIO	38.44	7.69						38.44			
ZONA DEL HUERTO	113.60				11.36						113.60
ZONA DE ADCRETO	155.43	31.09								155.43	
ESCALERAS Y RAMPAS	249.72	49.94					249.72				
BANQUETA PERIMETRAL	476.90	71.54						476.90			
TOTALES	3,691.78	691.79	2,038.61	407.72	11.36	17.81	1,965.60	907.24	476.90	155.43	113.60

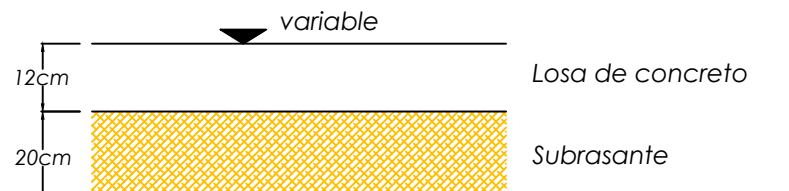
ESTRUCTURA DE PAVIMENTO EN ZONA DE SOTANO



ESTRUCTURA DE PAVIMENTO EDIFICIO PLANTA BAJA



ESTRUCTURA DE PAVIMENTO EN ZONA DE RAMPAS, ESCALERAS Y PATIO



ESTRUCTURA DE PAVIMENTO EN ZONA DE CISTERNA

