

linea de empate 14 (hoja 11)

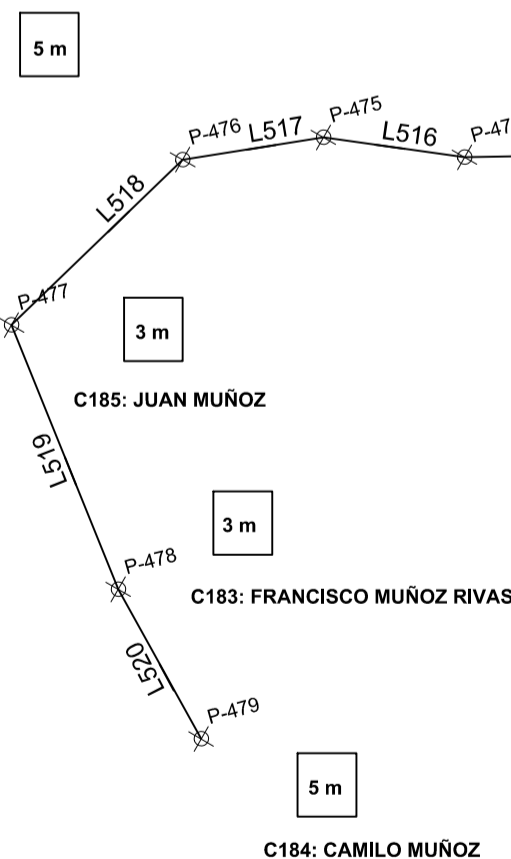
Red de distribución #3
PI.451 - PI .502
L=675.7 m
Ø=11/2"

RED N° 3 PI:451 - PI:538
L=1217.20 m

P:451-P:502;Ø=1.5"
P:502-P:508;Ø=1"
P:508-P:538;Ø=3/4"

RAMAL 15
PI 463 - PI 479
L=228.70 m
Ø=3/4"

C182: ENTIMO CENTENO



C185: JUAN MUÑOZ

C183: FRANCISCO MUÑOZ RIVAS

C184: CAMILO MUÑOZ

C181: LUIS ENRIQUE CENTENO

C186: GABRIEL MUÑOZ

C187: ADELINA OLIVAS

C188: GRACIELA CENTENO

COORDENADAS DE LOS PUNTOS			
PUNTO	ESTE (X)	NORTE (Y)	ELEVACION (Z)
Pi 463	809.118		
Pi 464	810.413		
Pi 465	811.605		
Pi 466	813.252		
Pi 467	814.061		
Pi 468	816.246		
Pi 469	818.757		
Pi 470	821.928		
Pi 471	824.755		
Pi 472	827.443		
Pi 473	830.794		
Pi 474	831.12		
Pi 475	833.066		
Pi 476	835.678		
Pi 477	837.744		
Pi 478	838.913		
Pi 479	837.416		

RAMAL 15			
LINEA N°	PI	PI	ESPECIFICACION
L505	P-463	P-464	20.00
L506	P-464	P-465	20.00
L507	P-465	P-466	20.00
L508	P-466	P-467	20.00
L509	P-467	P-468	20.00
L510	P-468	P-469	10.00
L511	P-469	P-470	10.00
L512	P-470	P-471	10.00
L513	P-471	P-472	10.00
L514	P-472	P-473	10.00
L515	P-473	P-474	10.00
L516	P-474	P-475	10.00
L517	P-475	P-476	10.00
L518	P-476	P-477	16.70
L519	P-477	P-478	20.00
L520	P-478	P-479	12.00

COORDENADAS DE LOS PUNTOS				
PUNTO	ESTE (X)	NORTE (Y)	ELEVACION (Z)	Observaciones
Pi 451	819.674			
Pi 452	818.308			
Pi 453	816.426			
Pi 454	814.437			
Pi 455	812.205			
Pi 456	811.424			
Pi 457	810.703			
Pi 458	809.904			
Pi 459	809.057			
Pi 460	808.139			
Pi 461	808.136			
Pi 462	807.999			
Pi 463	808.118			
Pi 464	807.351			
Pi 465	807.51			
Pi 466	807.21			
Pi 467	807.56			
Pi 468	807.857			
Pi 469	807.312			
Pi 470	807.091			
Pi 471	806.695			
Pi 472	806.744			
Pi 473	806.569			
Pi 474	806.787			
Pi 475	807.147			
Pi 476	807.783			
Pi 477	808.528			
Pi 478	809.921			
Pi 479	811.188			
Pi 480	811.464			
Pi 481	813.252			
Pi 482	814.929			
Pi 483	817.852			
Pi 484	817.421			
Pi 485	817.002			
Pi 486	817.841			
Pi 487	818.276			
Pi 488	819.095			
Pi 489	819.972			
Pi 490	814.202			
Pi 491	817.078			
Pi 492	817.754			
Pi 493	818.985			
Pi 494	819.956			
Pi 495	820.523			
Pi 496	820.926			
Pi 497	821.057			
Pi 498	821.293			
Pi 499	820.981			
Pi 500	820.853			
Pi 501	820.289			
Pi 502	819.468			
Pi 503	817.626			
Pi 504	816.098			
Pi 505	816.321			
Pi 506	815.314			
Pi 507	814.072			
Pi 508	812.729			
Pi 509	811.868			
Pi 510	811.147			
Pi 511	809.296			
Pi 512	808.581			
Pi 513	808.161			
Pi 514	807.998			
Pi 515	803.144			
Pi 516	799.064			

RED 3				
LINEA N°	PI	PI	LONGITUD(m)	ESPECIFICACION
L116	P-451	P-452	18.70	
L117	P-452	P-453	20.00	
L118	P-453	P-454	20	
L119	P-454	P-455	20	
L120	P-455	P-456	20	
L121	P-456	P-457	20	
L122	P-457	P-458	20	
L123	P-458	P-459	20	
L124	P-459	P-460	20	
L125	P-460	P-461	20	
L126	P-461	P-462	20	
L127	P-462	P-463	20	
L128	P-463	P-464	20	
L129	P-464	P-465	20	
L130	P-465	P-466	20	
L131	P-466	P-467	20	
L132	P-467	P-468	20	
L133	P-468	P-469	20	
L134	P-469	P-470	20	
L135	P-470	P-471	11.5	
L136	P-471	P-472	20	
L137	P-472	P-473	20	
L138	P-473	P-474	20	
L139	P-474	P-475	20	
L140	P-475	P-476	20	
L141	P-476	P-477	20	
L142	P-477	P-478	19.5	
L143	P-478	P-479	20	
L144	P-479	P-480	20	
L145	P-480	P-481	20	
L146	P-481	P-482	20	
L147	P-482	P-483	20	
L148	P-483	P-484	20	
L149	P-484	P-485	20	
L150	P-485	P-486	20	
L151	P-486	P-487	20	
L152	P-487	P-488	20	
L153	P-488	P-489	19.5	
L154	P-489	P-490	20	
L155	P-490	P-491	20	
L156	P-491	P-492	20	
L157	P-492	P-493	20	
L158	P-493	P-494	20	
L159	P-494	P-495	20	
L160	P-495	P-496	20	
L161	P-496	P-497	20	
L162	P-497	P-498	20	
L163	P-498	P-499	20	
L164	P-499	P-500	20	
L165	P-500	P-501	20	
L166	P-501	P-502	6	
L167	P-502	P-503	17.2	
L168	P-503	P-504	20	
L169	P-504	P-505	20	
L170	P-505	P-506	20	
L171	P-506	P-507	20	
L172	P-507	P-508	20	
L173	P-508	P-509	20	
L174	P-509	P-510	10	
L175	P-510	P-511	20	
L176	P-511	P-512	20	
L177	P-512	P-513	20	
L178	P-513	P-514	20	
L179	P-514	P-515	20	
L180	P-515	P-516	20	
L181	P-516	P-517	20	
L182	P-517	P-518	20	
L183	P-518	P-519	20	
L184	P-519	P-520	20	
L185	P-520	P-521	20	
L186	P-521	P-522	20	
L187	P-522	P-523	4.3	
L188	P-523	P-524	20	
L189	P-524	P-525	20	
L190	P-525	P-526	20	
L191	P-526	P-527	20	
L192	P-527	P-528	20	
L193	P-528	P-529	20	
L194	P-529	P-530	20	
L195	P-530	P-531	20	
L196	P-531	P-532	20	
L197	P-532	P-533	20	
L198	P-533	P-534	20	
L199	P-534	P-535	10	
L200	P-535	P-536	20	
L201	P-536	P-537	20	
L202	P-537	P-538	20	

<p>PROYECTO AGUA Y SANEAMIENTO EN MABE COMUNIDAD EL BRAMADERO</p> <p>MUNICIPIO DE CONDEGA , ESTELI</p>	<p>COORDINADOR: ING. SANTIAGO BETANCO</p>	<p>CONTENIDO: sistema</p>	<p>LAMINA # 11</p> <hr/> <p>L-2</p> <hr/> <p>L-3</p>
	<p>DISEÑO: ING. ARQ: SANTIAGO BETANCO</p>	<p>ESCALA: 1-500</p>	
	<p>TOPOGRAFIA: ASIDCON</p>	<p>FECHA: ABRIL- 2019</p>	