



TERRACERIAS	FORMACIÓN Y COMPACTACIÓN	PREPARADO (VOL. CEMENTERO)	FINICIONES (VOL. CEMENTERO)	DESMONTE (para densidad 100%) VEGETACION TIPO	
				...	Hb
				DESPALME	385,8 m <sup>3</sup>
				TOTAL	m <sup>3</sup>
				MATERIAL A	m <sup>3</sup>
				MATERIAL B	m <sup>3</sup>
				MATERIAL C	m <sup>3</sup>
				CORTES Y EXC ADICIONALES (CORTES FRANCO)	105,4 m <sup>3</sup>
				MAT APROVECHADO	533,3 m <sup>3</sup>
				MAT DESPERDICADO	m <sup>3</sup>
				AMPLIACION DE CORTES	m <sup>3</sup>
				MAT APROVECHADO	m <sup>3</sup>
				MAT DESPERDICADO	m <sup>3</sup>
				REBALES CORONA DE CORTE Y/O TERRAPLÉ	m <sup>3</sup>
				MAT APROVECHADO	m <sup>3</sup>
				MAT DESPERDICADO	m <sup>3</sup>
				ESCALONES DE LISA	m <sup>3</sup>
				MAT APROVECHADO	m <sup>3</sup>
				MAT DESPERDICADO	m <sup>3</sup>
				DESVALME	
				TOTAL	m <sup>3</sup>
				MATERIAL A	m <sup>3</sup>
				MATERIAL B	m <sup>3</sup>
				MATERIAL C	m <sup>3</sup>
				LATERALES DENTRO DE LA FAJETA	m <sup>3</sup>
				CORTES/SUBERANTE	m <sup>3</sup>
				DE BANCOS	m <sup>3</sup>
				DE BANCOS	m <sup>3</sup>
				DE BANCOS	m <sup>3</sup>
				DE BANCOS	m <sup>3</sup>
				DE TERRAPLENES CON O SIN CUPO DE AFILAMIENTO	105,4 m <sup>3</sup>
				A 90%	m <sup>3</sup>
				A 100%	m <sup>3</sup>
				ESCARIFICADO	1.182,7 m <sup>3</sup>
				RECARGUE	214,1 m <sup>3</sup>
					m <sup>3</sup>
					m <sup>3</sup>

CENALFA MENOR	EXCAVACIONES	MATERIAL A	---	m <sup>3</sup>	CONCRETO	1.20 m <sup>3</sup>	---	m <sup>3</sup>
		MATERIAL B	12.0	m <sup>3</sup>	TUBOS	---	---	m
		MATERIAL C	---	m <sup>3</sup>	ACERO	2.00 m <sup>3</sup>	---	m
	CONCRETO C/2000	---	m <sup>3</sup>	ADIF	1.20 m <sup>3</sup>	---	m <sup>3</sup>	
	ENPAQUE DE GRASA	200 Kg/m <sup>2</sup>	---	REFUERZO	---	---	m <sup>3</sup>	
	CONCRETO	100 Kg/m <sup>2</sup>	---	ACERO DE APLAZADO	---	---	m <sup>3</sup>	
	EN PLANTILLA	150 Kg/m <sup>2</sup>	---	MAQUETERIA DE 3x4	---	---	Kg	
	CONCRETO	200 Kg/m <sup>2</sup>	48.0	DEMOLICIONES	DE CONCRETO	---	m <sup>3</sup>	
	CONCRETO	250 Kg/m <sup>2</sup>	---	DE MATELONTO	DE INSTALACIONES	---	m <sup>3</sup>	
		---	---	MATERIAL DE AROS	---	---	m <sup>3</sup>	
		---	---	PLANTILLA GRANULAR	---	---	m <sup>3</sup>	
		---	---	ZAPALADO	5.0	5.0	m <sup>3</sup>	
			PIEDRA EN DREN	---	---	m <sup>3</sup>		

Tramo: **KM 0+000 AL KM 2+800**  
Subtramo: **KM 0+000 AL KM 1+400**

<h1>SIMBOLOGIA</h1>	
    	<p>CENTRO DE OBRA DE DRENAJE</p>  <p>NÚMERO DE CURVA</p>  <p>TERRENO NATURAL</p>
<h2>DATOS DE CURVA VERTICAL</h2>	
<p>A = DIFERENCIA DE PENDIENTES</p> <p>k = PARÁMETRO DE LA CURVA</p> <p>LCV = LONGITUD DE CURVA VERTICAL</p> <p>PCV = PRINCIPIO DE CURVA VERTICAL</p> <p>PIV = PUNTO DE INFLEXIÓN VERTICAL</p> <p>PTV = PRINCIPIO DE TANGENTE VERTICAL</p> <p>CL EST. = ESTACIÓN DE OBRA DE DRENAJE MENOR</p>	



FECHA: ABRIL 2024	ESCALA: LA INDICADA	Plano <b>2</b> de <b>4</b>
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OBRAS DE DRENAJE		EST=+120.00 VADO	
VOLUMEN DE TERRAPLEN VOLUMEN DE CORTE			
464.54/467.17	0.05	0.00	0.00
464.55/467.17	0.05	0.00	0.00
464.56/467.17	0.05	0.00	0.00
464.57/467.17	0.05	0.00	0.00
464.58/467.17	0.05	0.00	0.00
464.59/467.17	0.05	0.00	0.00
464.60/467.17	0.05	0.00	0.00
464.61/467.17	0.05	0.00	0.00
464.62/467.17	0.05	0.00	0.00
464.63/467.17	0.05	0.00	0.00
464.64/467.17	0.05	0.00	0.00
464.65/467.17	0.05	0.00	0.00
464.66/467.17	0.05	0.00	0.00
464.67/467.17	0.05	0.00	0.00
464.68/467.17	0.05	0.00	0.00
464.69/467.17	0.05	0.00	0.00
464.70/467.17	0.05	0.00	0.00
464.71/467.17	0.05	0.00	0.00
464.72/467.17	0.05	0.00	0.00
464.73/467.17	0.05	0.00	0.00
464.74/467.17	0.05	0.00	0.00
464.75/467.17	0.05	0.00	0.00
464.76/467.17	0.05	0.00	0.00
464.77/467.17	0.05	0.00	0.00
464.78/467.17	0.05	0.00	0.00
464.79/467.17	0.05	0.00	0.00
464.80/467.17	0.05	0.00	0.00
464.81/467.17	0.05	0.00	0.00
464.82/467.17	0.05	0.00	0.00
464.83/467.17	0.05	0.00	0.00
464.84/467.17	0.05	0.00	0.00
464.85/467.17	0.05	0.00	0.00
464.86/467.17	0.05	0.00	0.00
464.87/467.17	0.05	0.00	0.00
464.88/467.17	0.05	0.00	0.00
464.89/467.17	0.05	0.00	0.00
464.90/467.17	0.05	0.00	0.00
464.91/467.17	0.05	0.00	0.00
464.92/467.17	0.05	0.00	0.00
464.93/467.17	0.05	0.00	0.00
464.94/467.17	0.05	0.00	0.00
464.95/467.17	0.05	0.00	0.00
464.96/467.17	0.05	0.00	0.00
464.97/467.17	0.05	0.00	0.00
464.98/467.17	0.05	0.00	0.00
464.99/467.17	0.05	0.00	0.00
465.00/467.17	0.05	0.00	0.00
465.01/467.17	0.05	0.00	0.00
465.02/467.17	0.05	0.00	0.00
465.03/467.17	0.05	0.00	0.00
465.04/467.17	0.05	0.00	0.00
465.05/467.17	0.05	0.00	0.00
465.06/467.17	0.05	0.00	0.00
465.07/467.17	0.05	0.00	0.00
465.08/467.17	0.05	0.00	0.00
465.09/467.17	0.05	0.00	0.00
465.10/467.17	0.05	0.00	0.00
465.11/467.17	0.05	0.00	0.00
465.12/467.17	0.05	0.00	0.00
465.13/467.17	0.05	0.00	0.00
465.14/467.17	0.05	0.00	0.00
465.15/467.17	0.05	0.00	0.00
465.16/467.17	0.05	0.00	0.00
465.17/467.17	0.05	0.00	0.00
465.18/467.17	0.05	0.00	0.00
465.19/467.17	0.05	0.00	0.00
465.20/467.17	0.05	0.00	0.00
465.21/467.17	0.05	0.00	0.00
465.22/467.17	0.05	0.00	0.00
465.23/467.17	0.05	0.00	0.00
465.24/467.17	0.05	0.00	0.00
465.25/467.			