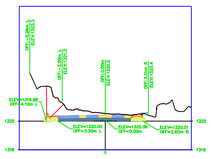
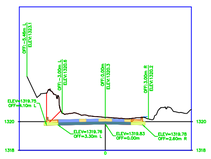
0+044.00



Total Volume at Station 0+044.00	
Cut Area	5.26
Fill Area	0.00
Cut Vol	6.64
Fill Vol	0.00
Cum Cut Vol	124.52
Cum Fill Vol	0.00
Net Vol	124.52

Material(s) at Station 0+044.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	16.79
CONCRETO CICLOPEO 60-40	0.36	0.36	15.84
CUNETA 3000 PSI	0.32	0.34	14.08
BASE TIPO C	0.76	0.83	24.48
BASE_CUNETA	0.33	0.36	14.55

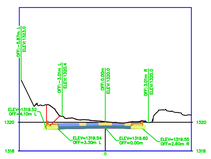
0+045.00



Total Volume at Station 0+045.00	
Cut Area	5.28
Fill Area	0.00
Cut Vol	6.40
Fill Vol	0.00
Cum Cut Vol	130.92
Cum Fill Vol	0.00
Net Vol	130.92

Material(s) at Station 0+045.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	17.55
CONCRETO CICLOPEO 60-40	0.36	0.36	16.20
CUNETA 3000 PSI	0.32	0.35	14.42
BASE TIPO C	0.76	0.83	25.31
BASE_CUNETA	0.33	0.36	14.91

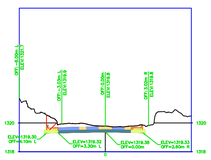
0+046.00



Total Volume at Station 0+046.00	
Cut Area	4.40
Fill Area	0.00
Cut Vol	5.81
Fill Vol	0.00
Cum Cut Vol	136.73
Cum Fill Vol	0.00
Net Vol	136.73

Material(s) at Station 0+046.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	18.30
CONCRETO CICLOPEO 60-40	0.36	0.36	16.56
CUNETA 3000 PSI	0.32	0.35	14.77
BASE TIPO C	0.76	0.83	26.14
BASE_CUNETA	0.33	0.36	15.26

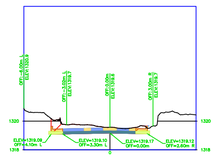
0+047.00



Total Volume at Station 0+047.00	
Cut Area	3.73
Fill Area	0.00
Cut Vol	4.75
Fill Vol	0.00
Cum Cut Vol	141.48
Cum Fill Vol	0.00
Net Vol	141.48

Material(s) at Station 0+047.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	19.05
CONCRETO CICLOPEO 60-40	0.36	0.36	16.92
CUNETA 3000 PSI	0.32	0.35	15.11
BASE TIPO C	0.76	0.83	26.97
BASE_CUNETA	0.33	0.36	15.62

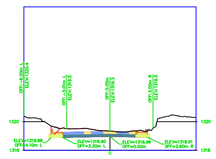
0+048.00



Total Volume at Station 0+048.00	
Cut Area	3.67
Fill Area	0.00
Cut Vol	4.26
Fill Vol	0.00
Cum Cut Vol	145.74
Cum Fill Vol	0.00
Net Vol	145.74

Material(s) at Station 0+048.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	19.80
CONCRETO CICLOPEO 60-40	0.36	0.36	17.28
CUNETA 3000 PSI	0.32	0.35	15.46
BASE TIPO C	0.76	0.83	27.81
BASE_CUNETA	0.33	0.36	15.98

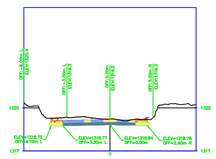
0+049.00



Total Volume at Station 0+049.00	
Cut Area	3.30
Fill Area	0.00
Cut Vol	3.99
Fill Vol	0.00
Cum Cut Vol	149.72
Cum Fill Vol	0.00
Net Vol	149.72

Material(s) at Station 0+049.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	20.55
CONCRETO CICLOPEO 60-40	0.36	0.36	17.64
CUNETA 3000 PSI	0.32	0.35	15.80
BASE TIPO C	0.76	0.83	28.64
BASE_CUNETA	0.33	0.36	16.33

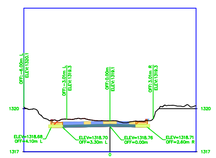
0+049.63



Total Volume at Station 0+049.63	
Cut Area	3.05
Fill Area	0.00
Cut Vol	2.26
Fill Vol	0.00
Cum Cut Vol	151.99
Cum Fill Vol	0.00
Net Vol	151.99

Material(s) at Station 0+049.63			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.47	21.02
CONCRETO CICLOPEO 60-40	0.36	0.23	17.87
CUNETA 3000 PSI	0.32	0.22	16.02
BASE TIPO C	0.76	0.52	29.16
BASE_CUNETA	0.33	0.22	16.56

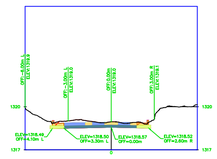
0+050.00



Total Volume at Station 0+050.00	
Cut Area	3.03
Fill Area	0.00
Cut Vol	1.27
Fill Vol	0.00
Cum Cut Vol	153.25
Cum Fill Vol	0.00
Net Vol	153.25

Material(s) at Station 0+050.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.28	21.30
CONCRETO CICLOPEO 60-40	0.36	0.13	18.00
CUNETA 3000 PSI	0.32	0.13	16.15
BASE TIPO C	0.77	0.31	29.47
BASE_CUNETA	0.33	0.13	16.69

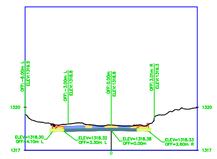
0+051.00



Total Volume at Station 0+051.00	
Cut Area	2.75
Fill Area	0.00
Cut Vol	3.24
Fill Vol	0.00
Cum Cut Vol	156.50
Cum Fill Vol	0.00
Net Vol	156.50

Material(s) at Station 0+051.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	22.05
CONCRETO CICLOPEO 60-40	0.36	0.36	18.36
CUNETA 3000 PSI	0.32	0.35	16.49
BASE TIPO C	0.76	0.83	30.31
BASE_CUNETA	0.33	0.36	17.05

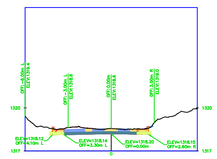
0+052.00



Total Volume at Station 0+052.00	
Cut Area	2.79
Fill Area	0.00
Cut Vol	3.10
Fill Vol	0.00
Cum Cut Vol	159.60
Cum Fill Vol	0.00
Net Vol	159.60

Material(s) at Station 0+052.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	22.80
CONCRETO CICLOPEO 60-40	0.36	0.36	18.72
CUNETA 3000 PSI	0.32	0.35	16.84
BASE TIPO C	0.76	0.83	31.14
BASE_CUNETA	0.33	0.36	17.41

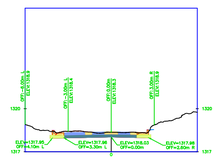
0+053.00



Total Volume at Station 0+053.00	
Cut Area	2.62
Fill Area	0.00
Cut Vol	3.01
Fill Vol	0.00
Cum Cut Vol	162.61
Cum Fill Vol	0.00
Net Vol	162.61

Material(s) at Station 0+053.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	23.55
CONCRETO CICLOPEO 60-40	0.36	0.36	19.08
CUNETA 3000 PSI	0.32	0.35	17.18
BASE TIPO C	0.76	0.83	31.97
BASE_CUNETA	0.33	0.36	17.76

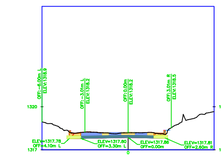
0+054.00



Total Volume at Station 0+054.00	
Cut Area	2.45
Fill Area	0.00
Cut Vol	2.82
Fill Vol	0.00
Cum Cut Vol	165.42
Cum Fill Vol	0.00
Net Vol	165.42

Material(s) at Station 0+054.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	24.30
CONCRETO CICLOPEO 60-40	0.36	0.36	19.44
CUNETA 3000 PSI	0.32	0.35	17.53
BASE TIPO C	0.76	0.83	32.80
BASE_CUNETA	0.33	0.36	18.12

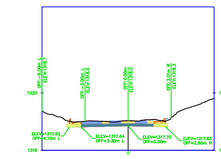
0+055.00



Total Volume at Station 0+055.00	
Cut Area	2.36
Fill Area	0.00
Cut Vol	2.67
Fill Vol	0.00
Cum Cut Vol	168.09
Cum Fill Vol	0.00
Net Vol	168.09

Material(s) at Station 0+055.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	25.05
CONCRETO CICLOPEO 60-40	0.36	0.36	19.80
CUNETA 3000 PSI	0.32	0.35	17.88
BASE TIPO C	0.76	0.83	33.64
BASE_CUNETA	0.33	0.36	18.48

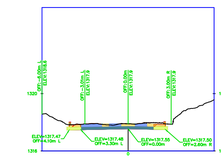
0+056.00



Total Volume at Station 0+056.00	
Cut Area	2.48
Fill Area	0.00
Cut Vol	2.64
Fill Vol	0.00
Cum Cut Vol	170.73
Cum Fill Vol	0.00
Net Vol	170.73

Material(s) at Station 0+056.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	25.80
CONCRETO CICLOPEO 60-40	0.36	0.36	20.16
CUNETA 3000 PSI	0.32	0.35	18.22
BASE TIPO C	0.76	0.83	34.47
BASE_CUNETA	0.33	0.36	18.83

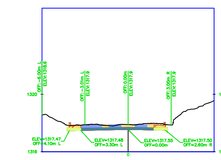
0+057.00



Total Volume at Station 0+057.00	
Cut Area	2.51
Fill Area	0.00
Cut Vol	2.68
Fill Vol	0.00
Cum Cut Vol	173.41
Cum Fill Vol	0.00
Net Vol	173.41

Material(s) at Station 0+057.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.75	26.55
CONCRETO CICLOPEO 60-40	0.36	0.36	20.52
CUNETA 3000 PSI	0.32	0.34	18.56
BASE TIPO C	0.77	0.83	35.30
BASE_CUNETA	0.33	0.36	19.19

0+057.00



Total Volume at Station 0+057.00	
Cut Area	2.51
Fill Area	0.00
Cut Vol	0.01
Fill Vol	0.00
Cum Cut Vol	173.42
Cum Fill Vol	0.00
Net Vol	173.42

Material(s) at Station 0+057.00			
Material Name	Area	Volume	Cumulative Volume
CONCRETO 3000 PSI	0.66	0.00	26.55
CONCRETO CICLOPEO 60-40	0.36	0.00	20.52
CUNETA 3000 PSI	0.32	0.00	18.57
BASE TIPO C	0.76	0.00	35.30
BASE_CUNETA	0.33	0.00	19.19

INDESK
LABORATORIO E INGENIERIA SAS
CARRERA 7A # 43A -38
TUNJA-BOYACÁ

"MEJORAMIENTO Y ADECUACIÓN DE LA RED VIAL TERCIARIA MEDIANTE LA CONSTRUCCIÓN DE PLACA HUELLAS EN LAS VEREDAS TARPEYA Y MINACHAL DEL MUNICIPIO DE BRICEÑO BOYACÁ."

CONTENIDO:

SECCIONES TRANSVERSALES TR3
TABLA DE CANTIDADES POR SECCION TR3

REVISIONES

FECHA	DESCRIPCIÓN

REVISO:

WILMER EFREN BENITEZ MARTINEZ
SECRETARIO DE PLANEACION E INFRAESTRUCTURA

ESPECIFICACIONES

CONCRETO:
-f'c= 21 MPa Placa huella
- Concreto ciclópeo 60 - 40
- Material granular compactado Base granular tipo C - INVIAS

ACERO:
- Fy = 420 MPa Todos los diametros

PARAMETROS GEOMETRICOS
- ANÁLISIS GEOMETRICO
- ANÁLISIS HIDRÁULICO E HIDROLÓGICO
- LEVANTAMIENTO TOPOGRAFICO
- ANALISIS USO DE SUELOS

ANOTACIONES

PARAMETROS GEOTÉCNICOS

- CBR: $3 \leq CBR < 5$

INGENIERO:

OMAR JHON BYRON ORTIZ MARIÑO
Matricula Profesional No. 25202-385894 CND

DELINEANTE : Omar Ortiz Mariño

FECHA: SEPTIEMBRE 2025

PLANO N°	CÓDIGO:
04 / 06	PL-DG-PH70-TR3-BRICEÑO
	ESCALA: INDICADAS / REV: 0