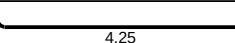
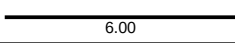
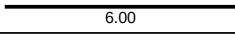
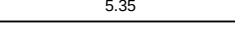
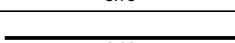
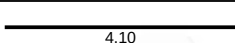
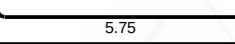
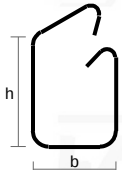


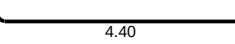
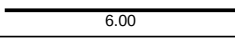
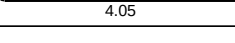
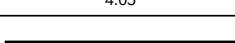
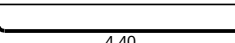
**“ REPOSICIÓN Y MEJORAMIENTO DE LA INFRAESTRUCTURA FISICA
DE LA SEDE EDUCATIVA JUAN MARÍA MARCELINO GUILLIBERT DE LA I.E.
SANTANDER DEL MUNICIPIO DE SAN JOSÉ DEL GUAVIARE.”
ELEMENTO POR ELEMENTO**

PÁGINA: 1 de 8

VCIM001 (Son 2) Peso/Elemento= 216.92Kg Peso 2 elementos=433.84Kg

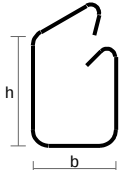
DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
0.25 	2	#5	4.50	14.0	(Total =4)
	2	#5	6.00	18.7	(Total =4)
	2	#5	6.00	18.7	(Total =4)
0.25 	2	#5	5.60	17.5	(Total =4)
0.25 	2	#5	6.00	18.7	(Total =4)
	2	#5	6.00	18.7	(Total =4)
	2	#5	4.10	12.8	(Total =4)
0.25 	2	#5	6.00	18.7	(Total =4)
 b=0.15 h=0.20 g=0.075**	166	#3	0.85	79.0	(Total =332)

VCIM002 (Son 2) Peso/Elemento= 146.12Kg Peso 2 elementos=292.25Kg

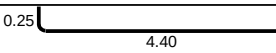
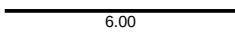
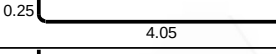
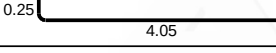
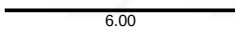
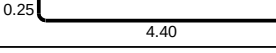
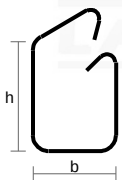
DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
0.25 	2	#5	4.65	14.5	(Total =4)
	2	#5	6.00	18.7	(Total =4)
0.25 	2	#5	4.30	13.4	(Total =4)
0.25 	2	#5	4.30	13.4	(Total =4)
	2	#5	6.00	18.7	(Total =4)
0.25 	2	#5	4.65	14.5	(Total =4)

**“ REPOSICIÓN Y MEJORAMIENTO DE LA INFRAESTRUCTURA FISICA
DE LA SEDE EDUCATIVA JUAN MARÍA MARCELINO GUILLIBERT DE LA I.E.
SANTANDER DEL MUNICIPIO DE SAN JOSÉ DEL GUAVIARE.”
ELEMENTO POR ELEMENTO**

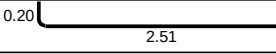
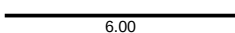
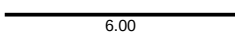
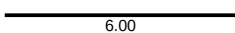
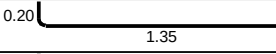
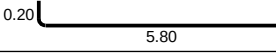
PÁGINA: 2 de 8

 b=0.15 h=0.20 g=0.075**	111	#3	0.85	52.8	(Total =222)
--	-----	----	------	------	--------------

VCIM003 (Son 2) Peso/Elemento= 146.12Kg Peso 2 elementos=292.25Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
 0.25 4.40	2	#5	4.65	14.5	(Total =4)
 6.00	2	#5	6.00	18.7	(Total =4)
 0.25 4.05	2	#5	4.30	13.4	(Total =4)
 0.25 4.05	2	#5	4.30	13.4	(Total =4)
 6.00	2	#5	6.00	18.7	(Total =4)
 0.25 4.40	2	#5	4.65	14.5	(Total =4)
 b=0.15 h=0.20 g=0.075**	111	#3	0.85	52.8	(Total =222)

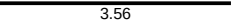
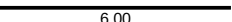
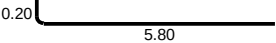
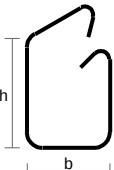
VCIM004 (Son 2) Peso/Elemento= 156.18Kg Peso 2 elementos=312.37Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
 0.20 2.51	2	#4	2.71	5.4	(Total =4)
 6.00	2	#4	6.00	12.0	(Total =4)
 6.00	2	#4	6.00	12.0	(Total =4)
 6.00	2	#4	6.00	12.0	(Total =4)
 0.20 1.35	2	#4	1.55	3.1	(Total =4)
 0.20 5.80	2	#4	6.00	12.0	(Total =4)

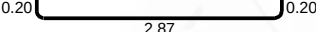
“ REPOSICIÓN Y MEJORAMIENTO DE LA INFRAESTRUCTURA FISICA
DE LA SEDE EDUCATIVA JUAN MARÍA MARCELINO GUILLIBERT DE LA I.E.
SANTANDER DEL MUNICIPIO DE SAN JOSÉ DEL GUAVIARE.”

ELEMENTO POR ELEMENTO

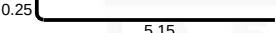
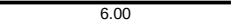
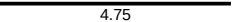
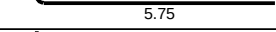
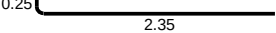
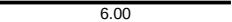
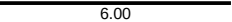
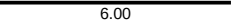
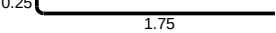
PÁGINA: 3 de 8

	2	#4	3.56	7.1	(Total =4)
	2	#4	6.00	12.0	(Total =4)
	2	#4	6.00	12.0	(Total =4)
 b=0.15 h=0.20 g=0.075**	144	#3	0.85	68.5	(Total =288)

VCIM005 (Son 2) Peso/Elemento= 13.08Kg Peso 2 elementos=26.16Kg

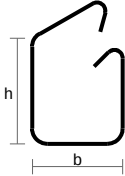
DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
	4	#4	3.27	13.1	(Total =8)

V101 (Son 2) Peso/Elemento= 222.35Kg Peso 2 elementos=444.71Kg

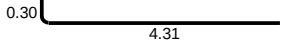
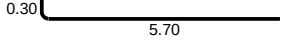
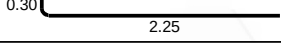
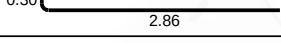
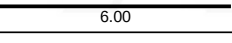
DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
	2	#5	5.40	16.8	(Total =4)
	2	#5	6.00	18.7	(Total =4)
	2	#5	4.75	14.8	(Total =4)
	2	#5	6.00	18.7	(Total =4)
	2	#5	2.60	8.1	(Total =4)
	2	#5	6.00	18.7	(Total =4)
	2	#5	6.00	18.7	(Total =4)
	2	#5	6.00	18.7	(Total =4)
	2	#5	2.00	6.2	(Total =4)

**“ REPOSICIÓN Y MEJORAMIENTO DE LA INFRAESTRUCTURA FISICA
DE LA SEDE EDUCATIVA JUAN MARÍA MARCELINO GUILLIBERT DE LA I.E.
SANTANDER DEL MUNICIPIO DE SAN JOSÉ DEL GUAVIARE.”
ELEMENTO POR ELEMENTO**

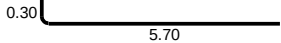
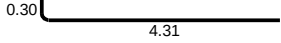
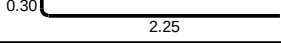
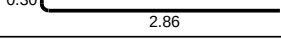
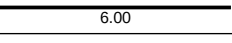
PÁGINA: 4 de 8

 b=0.17 h=0.20 g=0.075**	166	#3	0.89	82.7	(Total =332)
--	-----	----	------	------	--------------

V102 (Son 2) Peso/Elemento= 128.35Kg Peso 2 elementos=256.70Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
	2	#6	4.61	20.7	(Total =4)
	2	#6	6.00	27.0	(Total =4)
	2	#6	2.55	11.5	(Total =4)
	2	#6	3.16	14.2	(Total =4)
	2	#6	6.00	27.0	(Total =4)
 b=0.17 h=0.20 g=0.075**	56	#3	0.89	27.9	(Total =112)

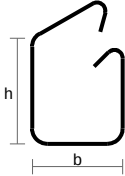
V103 (Es 1) Peso/Elemento= 128.35Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
	2	#6	6.00	27.0	
	2	#6	4.61	20.7	
	2	#6	2.55	11.5	
	2	#6	3.16	14.2	
	2	#6	6.00	27.0	

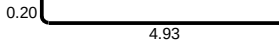
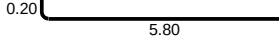
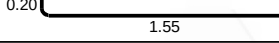
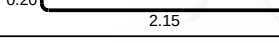
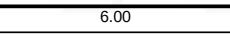
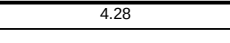
**“ REPOSICIÓN Y MEJORAMIENTO DE LA INFRAESTRUCTURA FISICA
DE LA SEDE EDUCATIVA JUAN MARÍA MARCELINO GUILLIBERT DE LA I.E.
SANTANDER DEL MUNICIPIO DE SAN JOSÉ DEL GUAVIARE.”**

ELEMENTO POR ELEMENTO

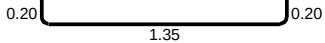
PÁGINA: 5 de 8

 b=0.17 h=0.20 g=0.075**	56	#3	0.89	27.9	
--	----	----	------	------	--

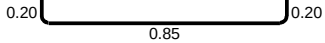
V201 (Son 2) Peso/Elemento= 170.22Kg Peso 2 elementos=340.44Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
	2	#4	5.13	10.3	(Total =4)
	2	#4	6.00	12.0	(Total =4)
	2	#4	1.75	3.5	(Total =4)
	2	#4	2.35	4.7	(Total =4)
	8	#4	6.00	48.0	(Total =16)
	2	#4	4.28	8.6	(Total =4)
 b=0.17 h=0.17 g=0.075**	179	#3	0.83	83.2	(Total =358)

Z1 (Son 6) Peso/Elemento= 35.00Kg Peso 6 elementos=210.00Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
	20	#4	1.75	35.0	(Total =120)

Z2 (Son 8) Peso/Elemento= 15.00Kg Peso 8 elementos=120.00Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
	12	#4	1.25	15.0	(Total =96)

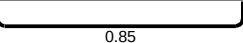
Z3 (Son 12) Peso/Elemento= 12.50Kg Peso 12 elementos=150.00Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
----------	----------	----------	----------	----------	-------

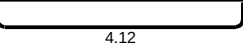
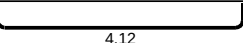
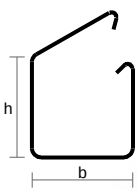
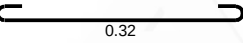
**“ REPOSICIÓN Y MEJORAMIENTO DE LA INFRAESTRUCTURA FISICA
DE LA SEDE EDUCATIVA JUAN MARÍA MARCELINO GUILLIBERT DE LA I.E.
SANTANDER DEL MUNICIPIO DE SAN JOSÉ DEL GUAVIARE.”**

ELEMENTO POR ELEMENTO

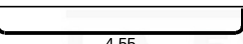
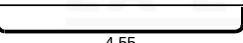
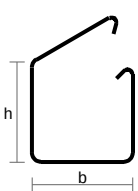
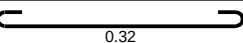
PÁGINA: 6 de 8

0.20  0.20	10	#4	1.25	12.5	(Total =120)
---	----	----	------	------	--------------

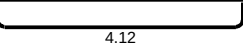
C1 (Son 3) Peso/Elemento= 96.54Kg Peso 3 elementos=289.63Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
0.25**  0.30	4	#6	4.67	42.0	(Total =12)
0.25  0.30	4	#4	4.67	18.7	(Total =12)
 b=0.32 h=0.32 g=0.075**	27	#3	1.43	21.6	(Total =81)
0.075**  0.075**	54	#3	0.47	14.2	(Total =162)

C2 (Son 3) Peso/Elemento= 104.79Kg Peso 3 elementos=314.37Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
0.25**  0.30	4	#6	5.10	45.9	(Total =12)
0.25  0.30	4	#4	5.10	20.4	(Total =12)
 b=0.32 h=0.32 g=0.075**	29	#3	1.43	23.2	(Total =87)
0.075**  0.075**	58	#3	0.47	15.3	(Total =174)

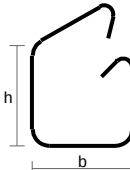
C3 (Son 4) Peso/Elemento= 40.57Kg Peso 4 elementos=162.28Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
0.25  0.30	6	#4	4.67	28.0	(Total =24)

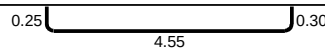
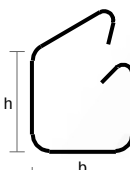
**“ REPOSICIÓN Y MEJORAMIENTO DE LA INFRAESTRUCTURA FISICA
DE LA SEDE EDUCATIVA JUAN MARÍA MARCELINO GUILLIBERT DE LA I.E.
SANTANDER DEL MUNICIPIO DE SAN JOSÉ DEL GUAVIARE.”**

ELEMENTO POR ELEMENTO

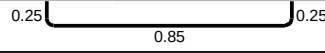
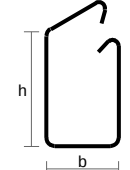
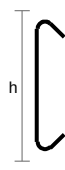
PÁGINA: 7 de 8

 b=0.17 h=0.17 g=0.075**	27	#3	0.83	12.5	(Total =108)
--	----	----	------	------	--------------

C4 (Son 4) Peso/Elemento= 44.08Kg Peso 4 elementos=176.32Kg

DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
	6	#4	5.10	30.6	(Total =24)
 b=0.17 h=0.17 g=0.075**	29	#3	0.83	13.5	(Total =116)

PD-1 (Son 12) Peso/Elemento= 36.18Kg Peso 12 elementos=434.16Kg

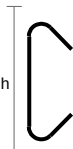
DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	PESO TOT	NOTAS
	10	#5	1.35	21.1	(Total =120)
 b=0.25 h=0.40 g=0.10	9	#3	1.50	7.6	(Total =108)
 h=0.40 g=0.10	9	#3	0.60	3.0	(Total =108)



“ REPOSICIÓN Y MEJORAMIENTO DE LA INFRAESTRUCTURA FISICA
DE LA SEDE EDUCATIVA JUAN MARÍA MARCELINO GUILLIBERT DE LA I.E.
SANTANDER DEL MUNICIPIO DE SAN JOSÉ DEL GUAVIARE.”

ELEMENTO POR ELEMENTO

PÁGINA: 8 de 8

	$h=0.25$ $g=0.10$					
		18	#3	0.45	4.5	(Total =216)

