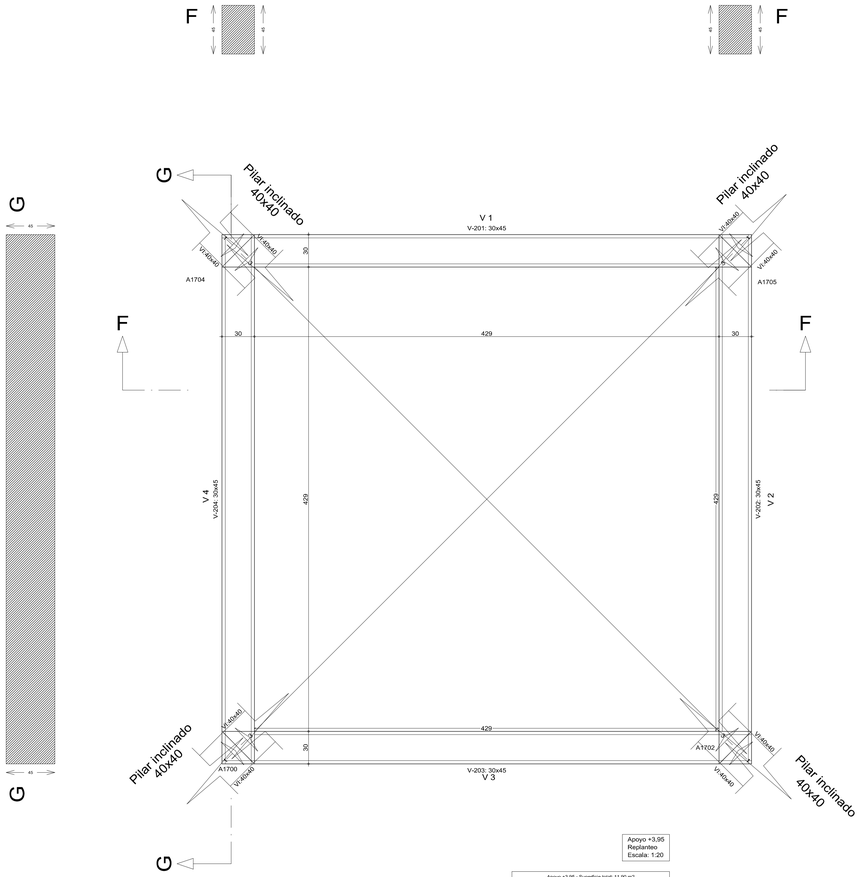
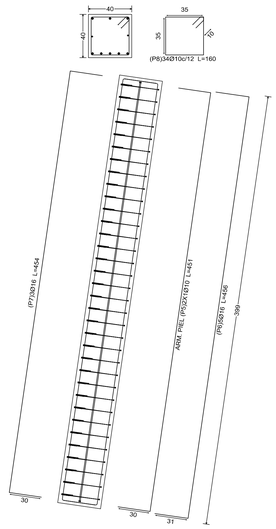


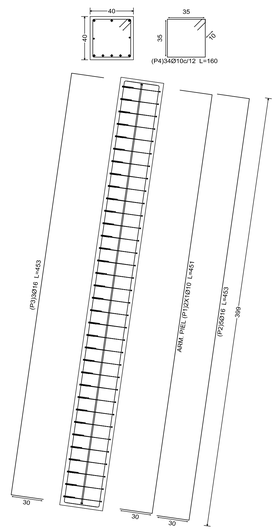
Apoyo +3,95
Replanteo
Escala: 1:20

Apoyo +3.95 - Superficie total: 11.90 m2			
Elemento	Superficie (m2)	Volumen (m3)	Barras (Kg)
Vigas	5.51	2.32	303
Encofrado lateral	16.52		
Vigas inclinadas	6.39	2.55	424
Encofrado lateral	12.77		
Pilares (Sup. Encofrado)	0.00		
Total	41.19	4.87	727
Índices (por m2)	3.461	0.409	61.09

Apoyo +3,95 (V 2(5.14,5.15)) - Apoyo +7,90 (V 2) y
Apoyo +3,95 (V 4(0.55,5.15)) - Apoyo +7,90 (V 4(0.96,4.74))



Apoyo +3,95 (V 3(0.55,0.56)) - Apoyo +7,90 (V 4(0.96,0.95)) y
Apoyo +3,95 (V 2(5.14,0.56)) - Apoyo +7,90 (V 3)



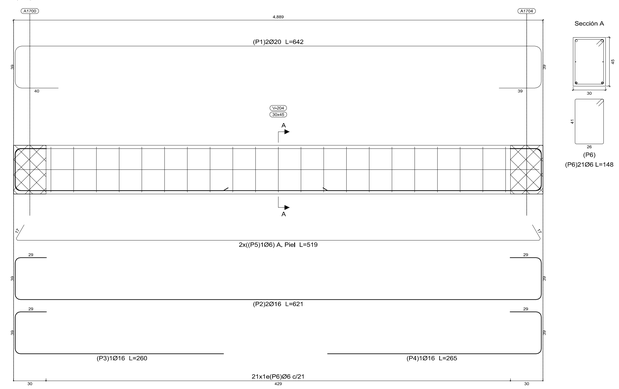
Elemento	Pos.	Diám.	No.	Pat. (cm)	Recta (cm)	Pat. (cm)	Long. (cm)	Total (cm)	ADN 420 (kg)
V 1	1	Ø20	2	77.7	486.1	78.6	642	1284	31.7
	2	Ø16	2	67.6	486.1	67.6	621	1242	19.6
	3	Ø16	1	67.6	197.4		265	265	4.2
	4	Ø16	1		192.4	67.6	260	260	4.1
	5	Ø6	2	16.5	486.1	16.5	519	1038	2.3
	6	Ø6	21	6	135.6	6	148	3108	6.9
							Total+10%:		75.7
V 2	1	Ø20	2	78.6	485.9	77.7	642	1284	31.7
	2	Ø16	2	67.6	485.9	67.6	621	1242	19.6
	3	Ø16	1	67.6	192.4		260	260	4.1
	4	Ø16	1		197.4	67.6	265	265	4.2
	5	Ø6	2	16.5	485.9	16.5	519	1038	2.3
	6	Ø6	21	6	135.6	6	148	3108	6.9
							Total+10%:		75.7
V 3	1	Ø20	2	77.6	486.1	78.4	642	1284	31.7
	2	Ø16	2	67.6	486.1	67.6	621	1242	19.6
	3	Ø16	1	67.6	197.4		265	265	4.2
	4	Ø16	1		192.4	67.6	260	260	4.1
	5	Ø6	2	16.5	486.1	16.5	519	1038	2.3
	6	Ø6	21	6	135.6	6	148	3108	6.9
							Total+10%:		75.7
V 4	1	Ø20	2	78.6	485.9	77.8	642	1284	31.7
	2	Ø16	2	67.6	485.9	67.6	621	1242	19.6
	3	Ø16	1	67.6	192.4		260	260	4.1
	4	Ø16	1		197.4	67.6	265	265	4.2
	5	Ø6	2	16.5	485.9	16.5	519	1038	2.3
	6	Ø6	21	6	135.6	6	148	3108	6.9
							Total+10%:		75.7
							Ø6:		40.4
							Ø16:		122.8
							Ø20:		139.6
							Total:		302.8

Elemento	Pos.	Diám.	No.	Long. (cm)	Total (cm)	ADN 420 (kg)
Apoyo +3,95 (V 3(0.55,0.56)) - Apoyo +7,90 (V 4(0.96,0.95)) Apoyo +3,95 (V 2(5.14,0.56)) - Apoyo +7,90 (V 3)	1	Ø10	2	451	902	5.6
	2	Ø16	5	453	2265	35.8
	3	Ø16	3	453	1359	21.5
	4	Ø10	34	160	5440	33.5
				Total+10%:		106.0
					(x2):	212.0
Apoyo +3,95 (V 2(5.14,5.15)) - Apoyo +7,90 (V 2) Apoyo +3,95 (V 4(0.55,5.15)) - Apoyo +7,90 (V 4(0.96,4.74))	5	Ø10	2	451	902	5.6
	6	Ø16	5	456	2280	36.0
	7	Ø16	3	454	1362	21.5
	8	Ø10	34	160	5440	33.5
				Total+10%:		106.3
					(x2):	212.6
					Ø6:	0.0
					Ø10:	172.0
					Ø16:	252.6
					Ø20:	0.0
					Total:	424.6

Apoyo +3,95
Despiece de vigas
Hormigón: H-200
Acero: ADN 420
Escala pórticos: 1:20
Escala secciones: 1:10

Resumen Acero Apoyo +3.95 Vigas		Long. total (m)	Peso+10% (kg)	Total
ADN 420	Ø10	253.7	172	
	Ø16	145.3	252	424

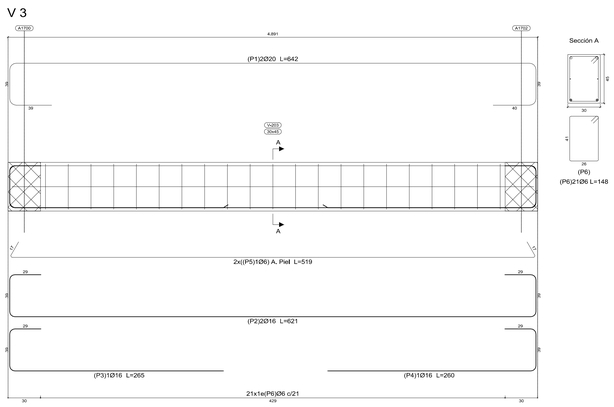
V 4



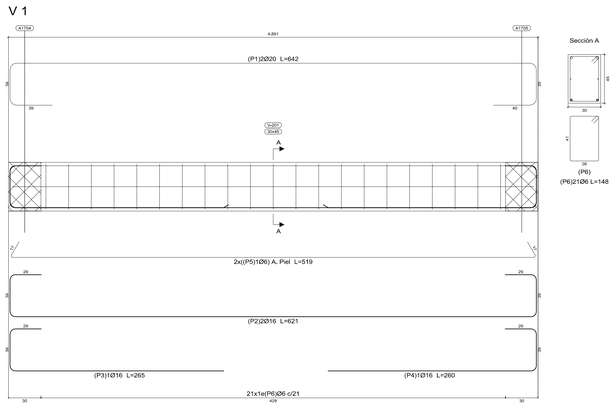
Apoyo +3.95
Despiece de vigas
Hormigón: H-200
Acero en barras: ADN 420
Acero en estribos: ADN 420
Escala pórticos 1:20
Escala secciones 1:20
Escala huecos 1:20

Resumen Acero Plano de pórticos		Long. total (m)	Peso+10% (kg)	Total
ADN 420	Ø6	165.8	41	
	Ø16	70.7	123	
	Ø20	51.4	139	303

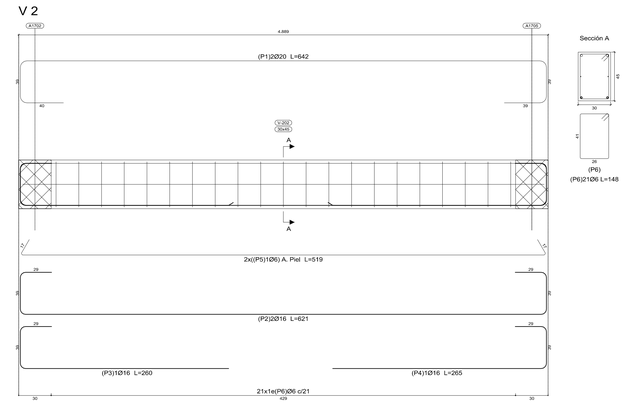
V 3



V 1



V 2



GOBERNACION DE MISIONES

SECRETARIA DE OBRAS PUBLICAS

COMPAÑIA SAN CRISTOBAL - SAN JUAN BAUTISTA MISIONES

CONSTRUCCION DE TANQUE DE Ho. Ao.

REPLANTEO DE PILARES Y 2DA. RIOSTRA