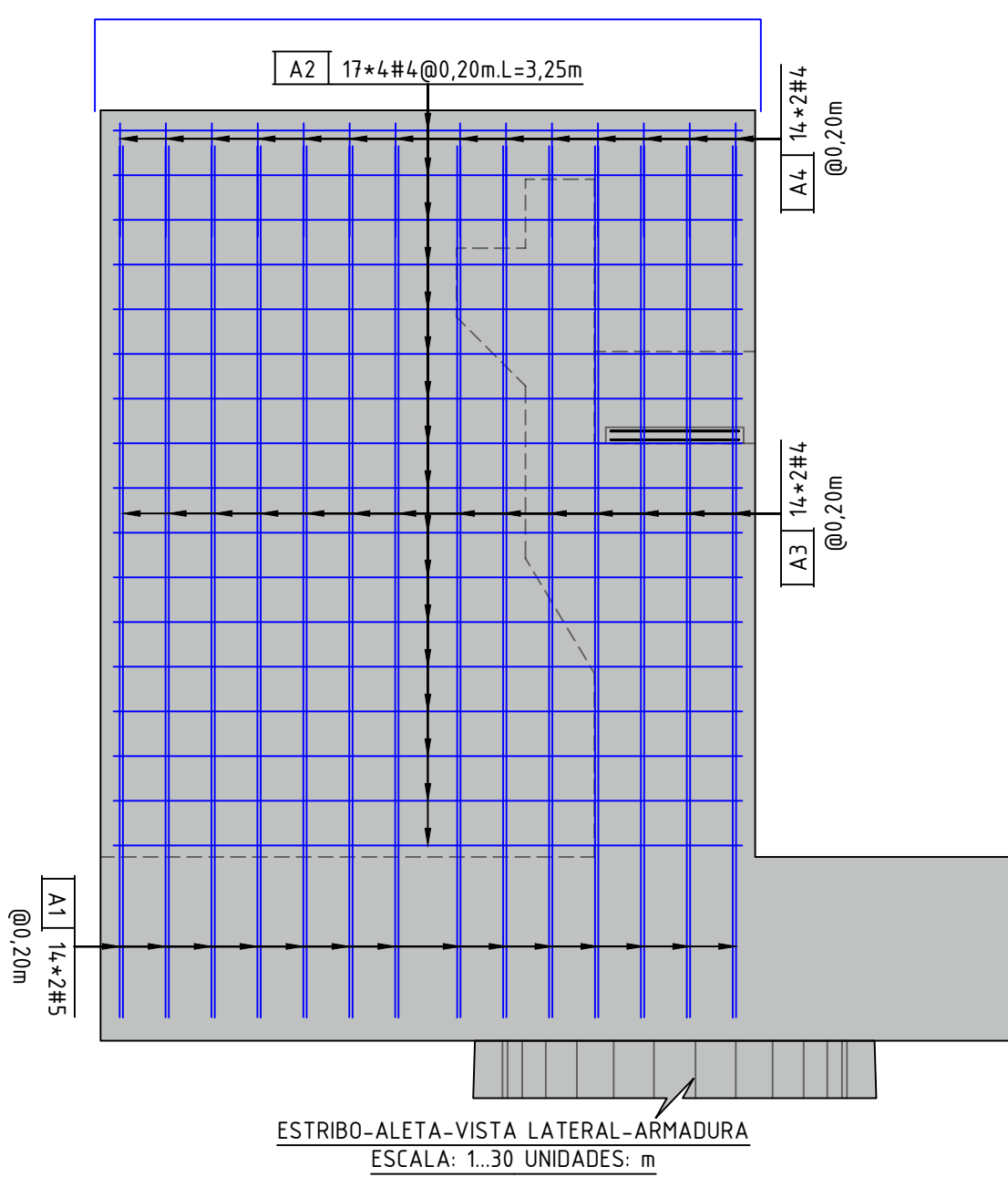
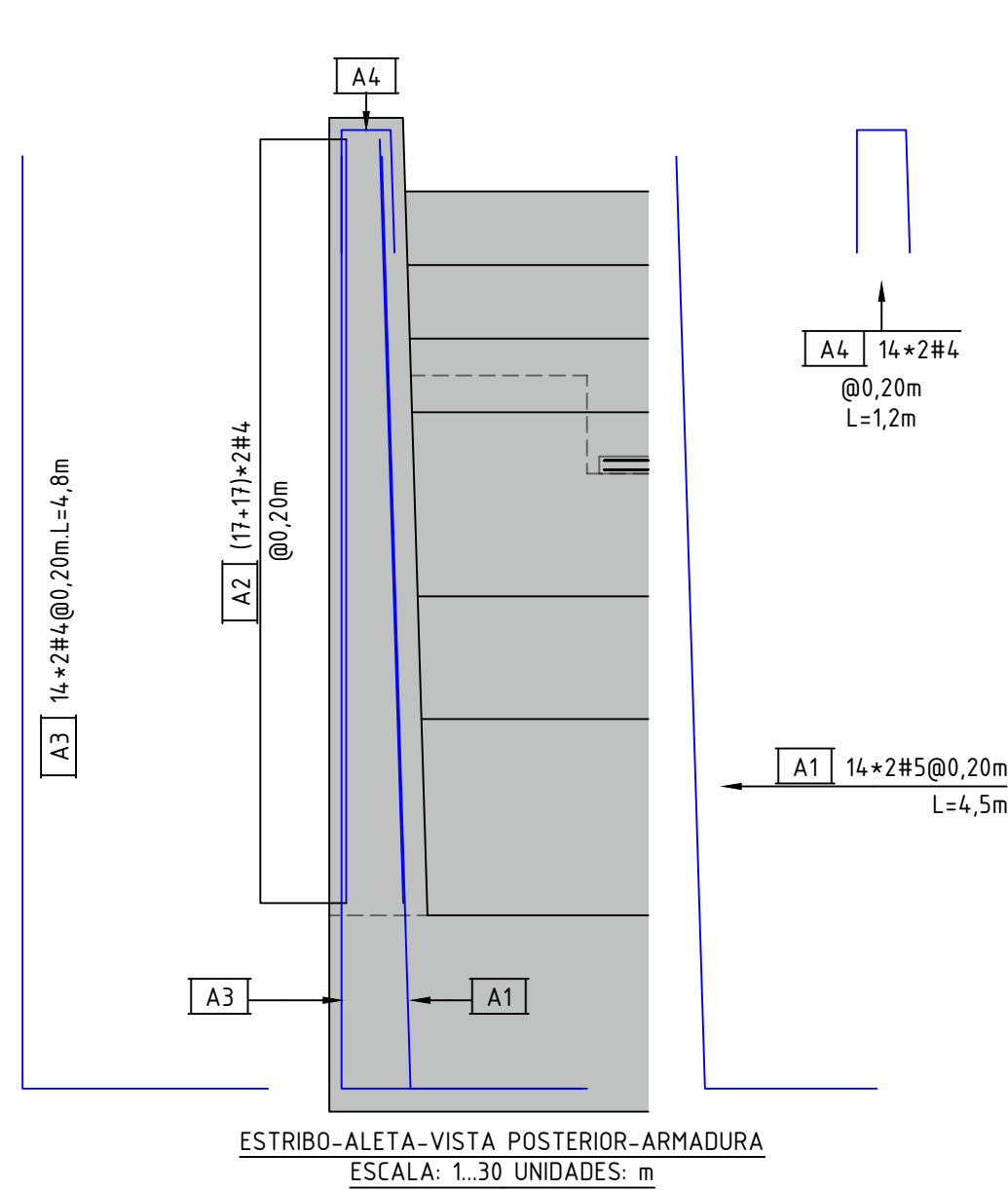
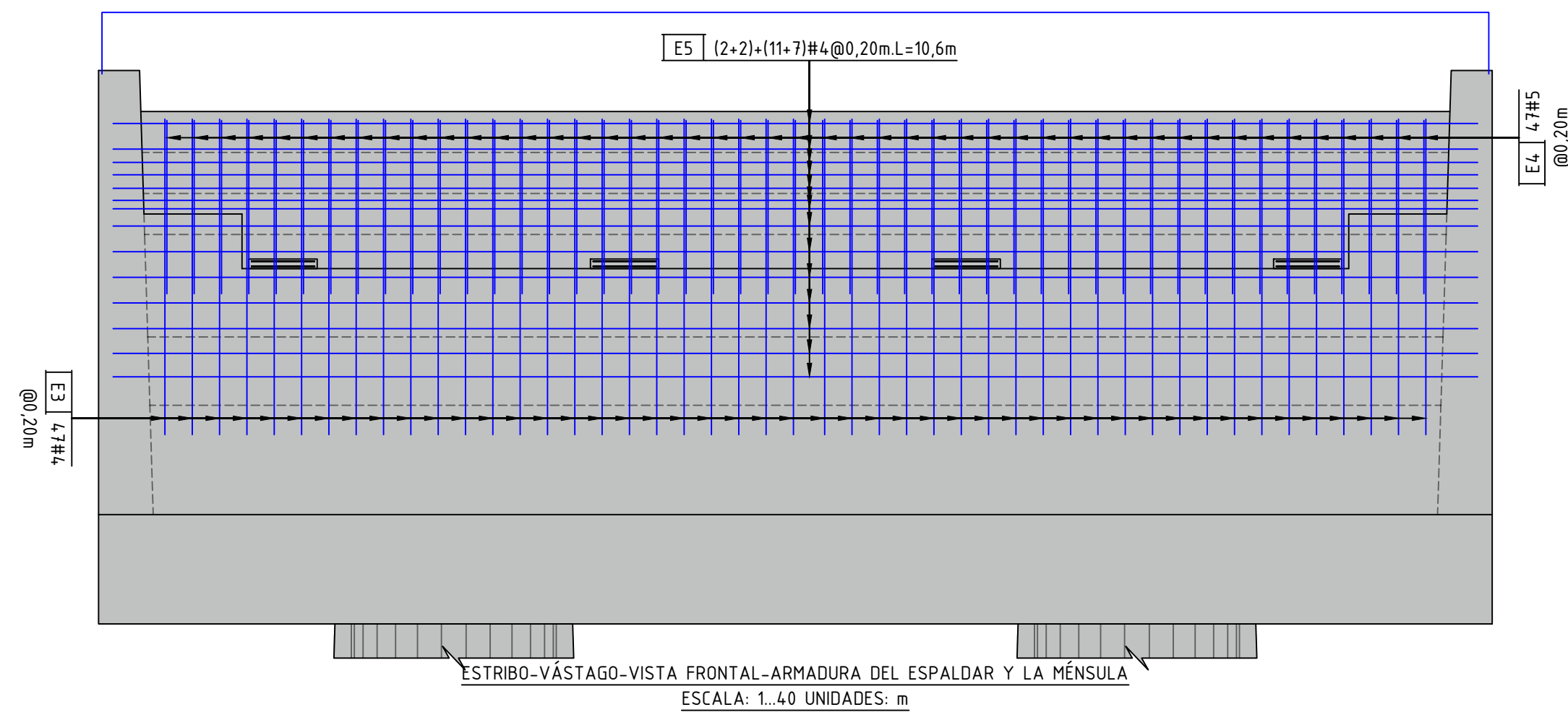
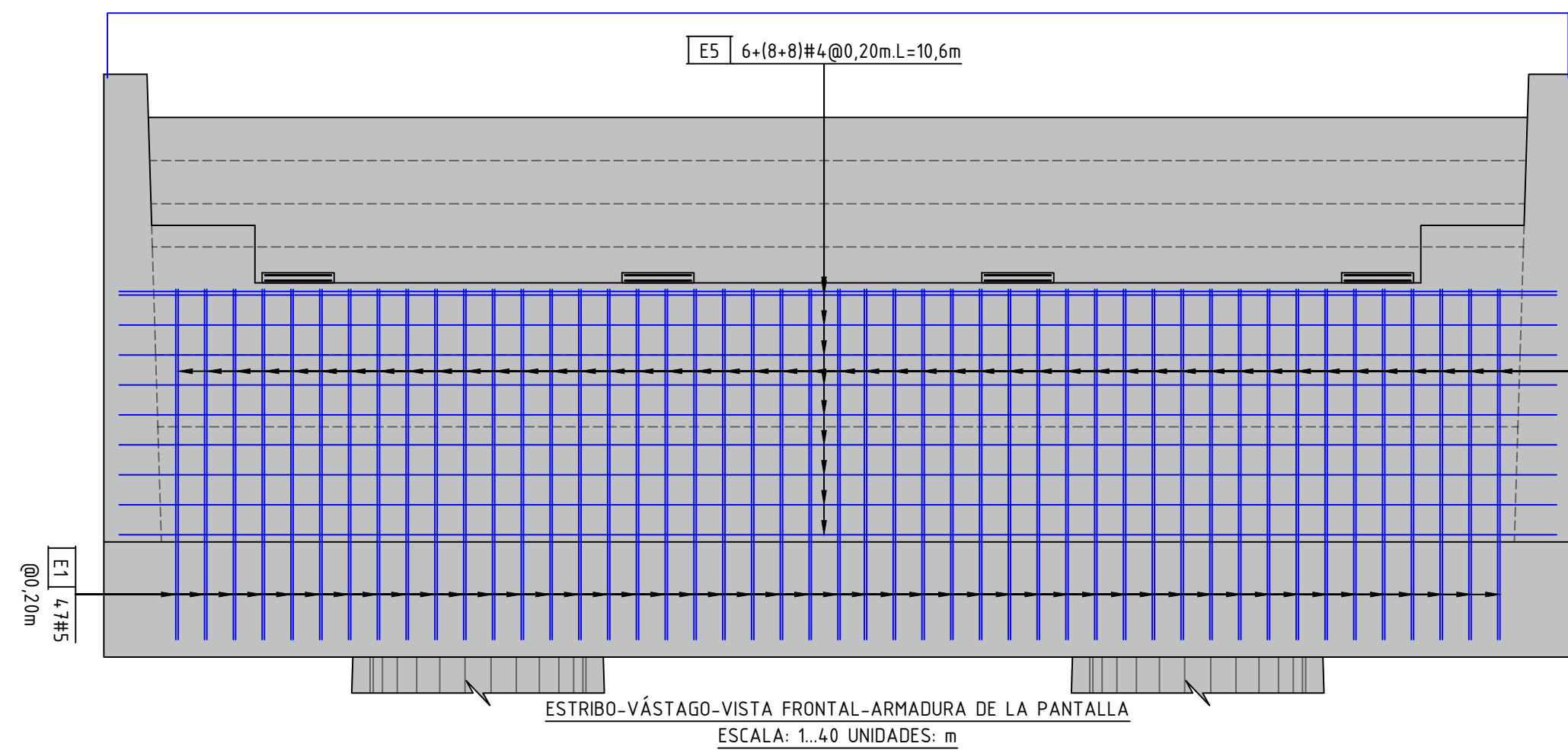
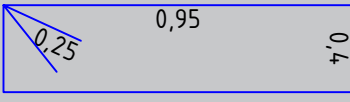
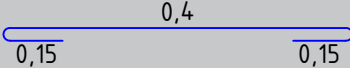
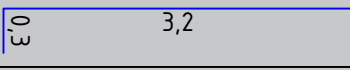
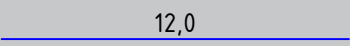
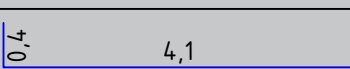
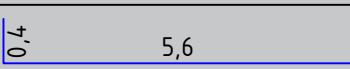
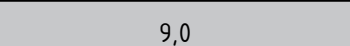
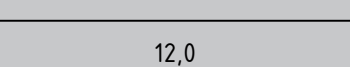
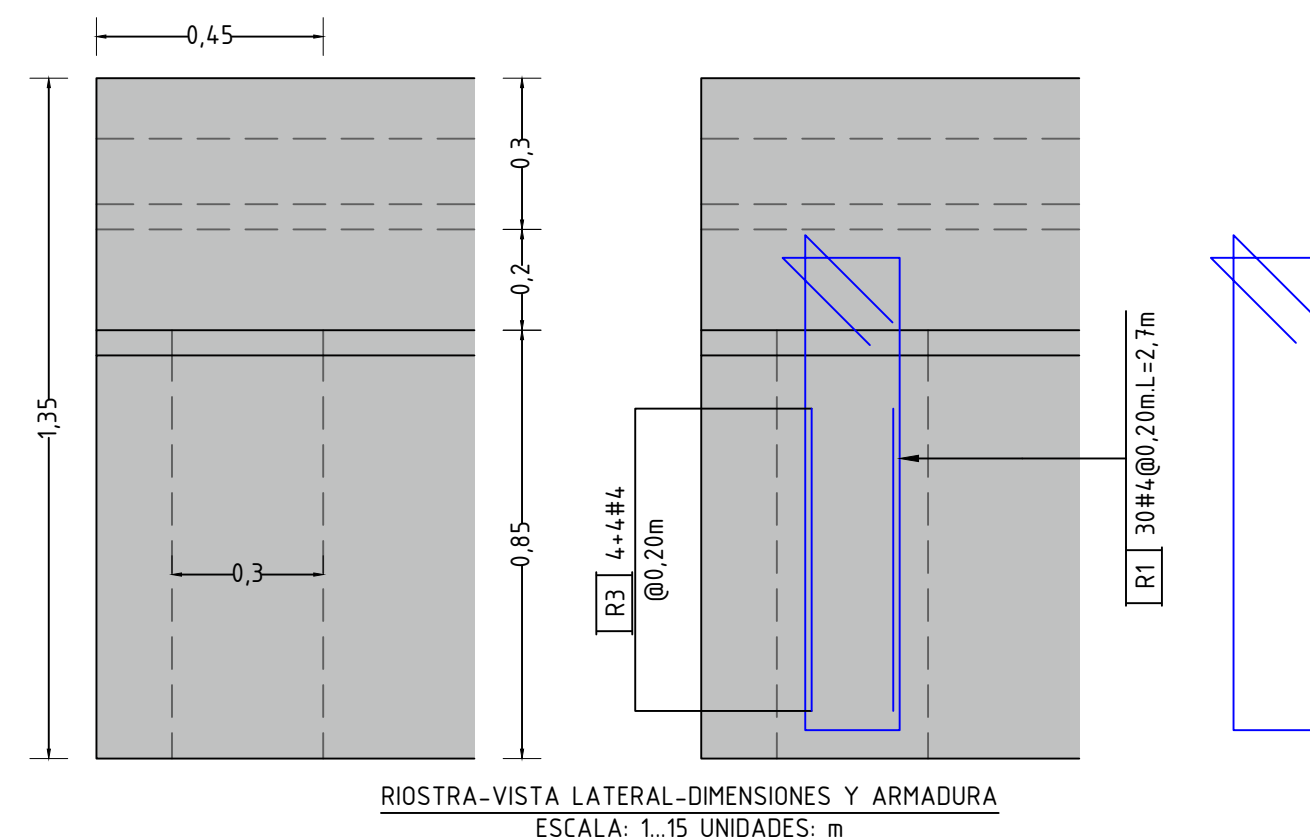
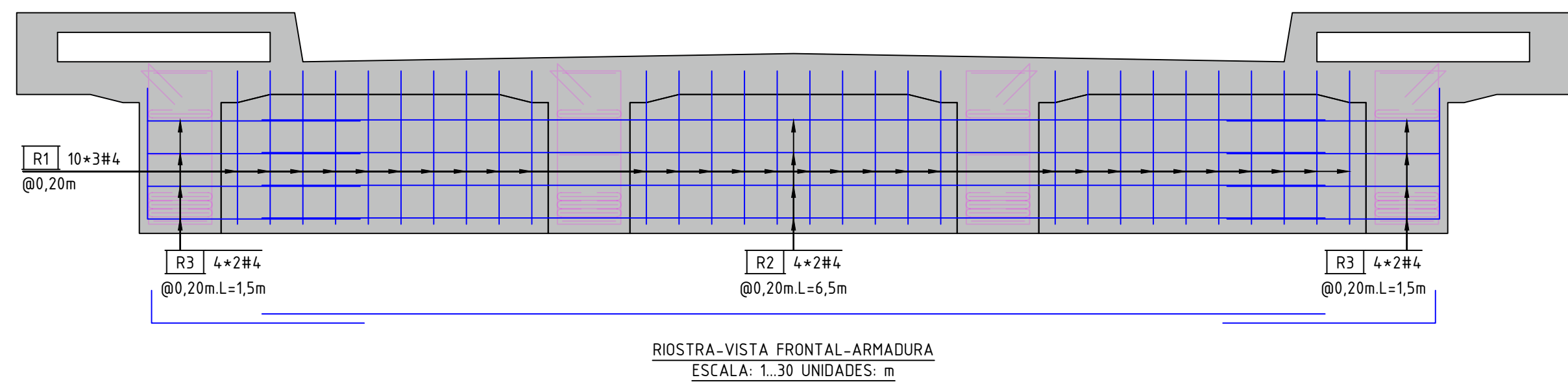
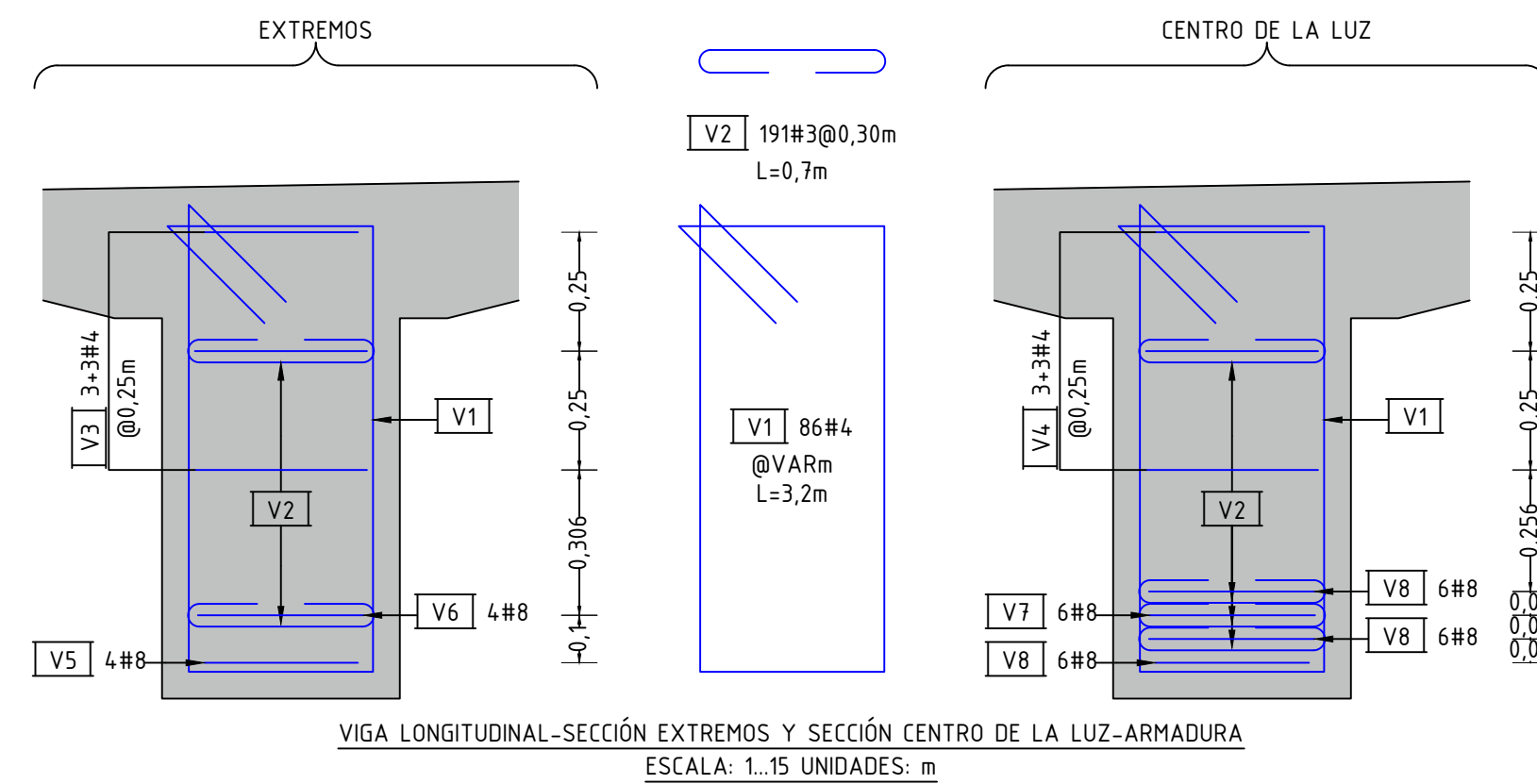
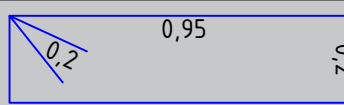
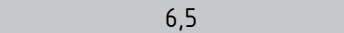
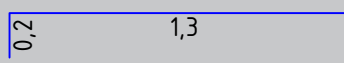




CANTIDAD DE MATERIALES, 4 VIGAS LONGITUDINALES.					
POSICIÓN	FIGURA	L(m)	CANT.	# BARRA	PESO (kg)
V1		3,2	86	4	274
V2		0,7	191	3	75
V3		3,5	12	4	42
V4		12,0	6	4	72
V5		4,5	8	8	143
V6		6,0	8	8	191
V7		9,0	6	8	215
V8		12,0	18	8	859
PESO DEL ACERO (kg)		1 VIGA LONGITUDINAL			1870
		4 VIGAS LONGITUDINALES			7480
VOLUMEN DE CONCRETO (m³)		1 VIGA LONGITUDINAL			6,8
		4 VIGAS LONGITUDINALES			27,2



CANTIDAD DE MATERIALES, 3 RIOSTRAS.						
POSICIÓN	FIGURA	L(m)	CANT.	# BARRA	PESO (kg)	
R1		2,7	30	4	81	
R2		6,5	8	4	52	
R3		1,5	16	4	24	
PESO DEL ACERO (kg)		1 RIOSTRA			156	
		3 RIOSTRAS			468	
VOLUMEN DE CONCRETO (m³)		1 RIOSTRA			1,5	
		3 RIOSTRAS			4,5	



Gobernación de
Cundinamarca



ICCU
INSTITUTO DE CAMINOS Y
CONSTRUCCIONES DE CUNDINAMARCA

MUNICIPIO DE
GUADUAS

PUENTE VEHICULAR SOBRE EL RÍO LIMONAL
CARRERA 5 ENTRE CALLES 1 Y 4 SUR
BARRIO TOMÁS CIPRIANO
5°3'54,29" N 74°35'49,68" O

DISEÑO ESTRUCTURAL:
ING. CARLOS RAMIRO VALLECILLA B.
M. P. 25082-17942-080
AK 3 # 52 A - 20 OF 264 Bogotá
TELÉFONO: 330-824689
vallecillarcarlos@yahoo.com
cvallecilla@gmail.com

CONTRATO
INTERADMINISTRATIVO
299 DE 2026
ICCU
UNIVERSIDAD NACIONAL
DE COLOMBIA

VERSIÓN

1

2

3

4

5

AJUSTE

DISEÑO ESTRUCTURAL

FECHA DE
EDICIÓN

03/03/2026

SOLICITÓ:

ING. MAURICIO LÓPEZ
ICCU

PLANO

6 DE 9