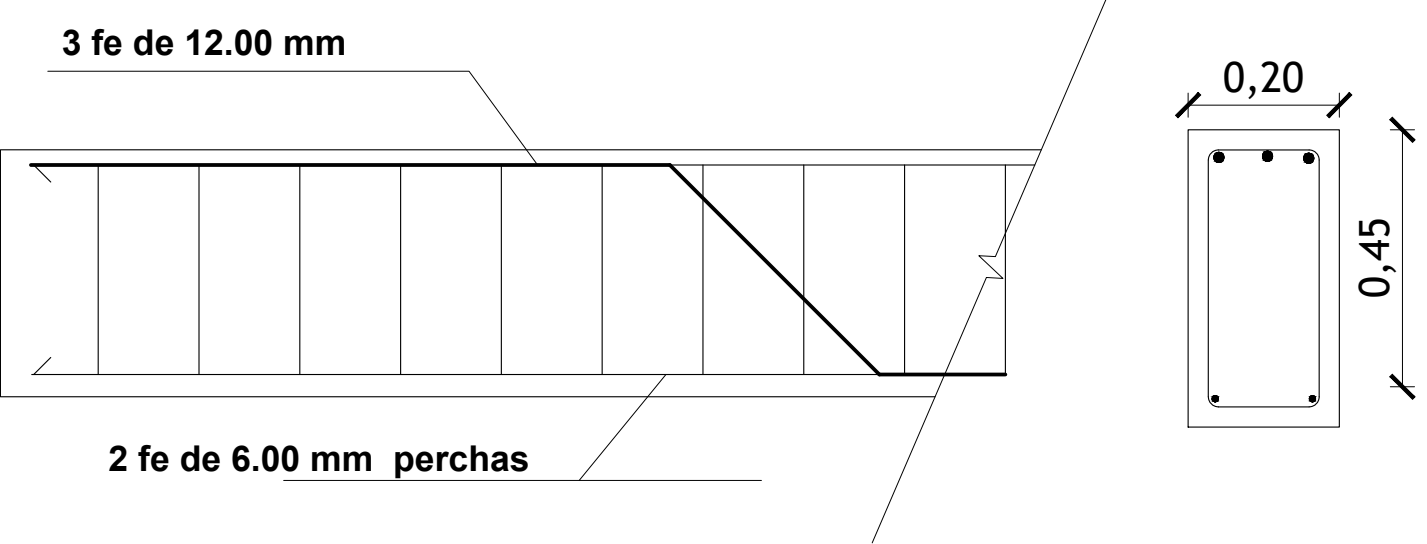
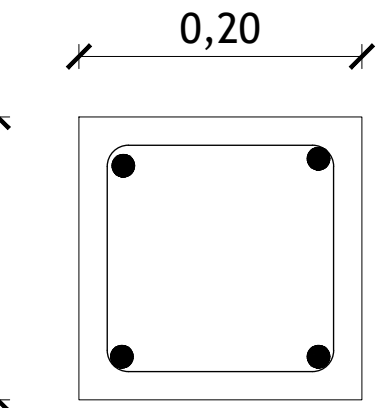


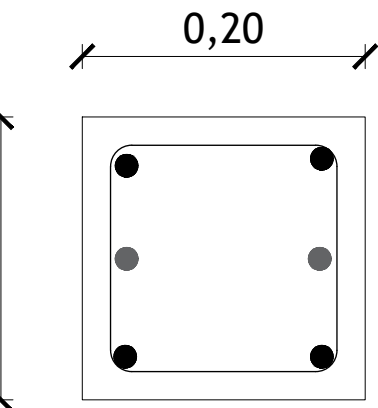
VIGA VOL1 (voladizo)



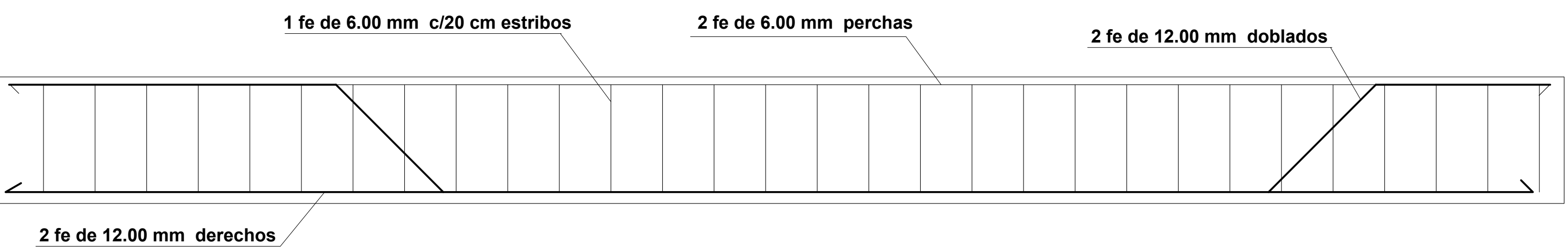
0.20m x 0.20m
4 fe de 12.00 mm
estribos fe de 6.00 mm
c/15.00cm



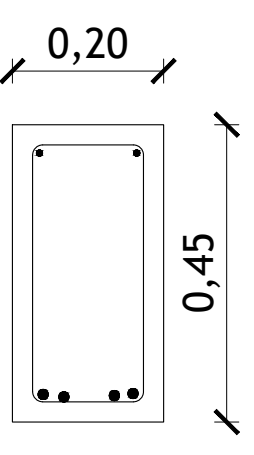
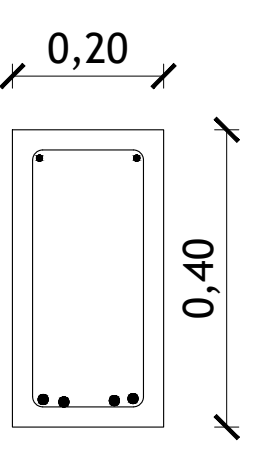
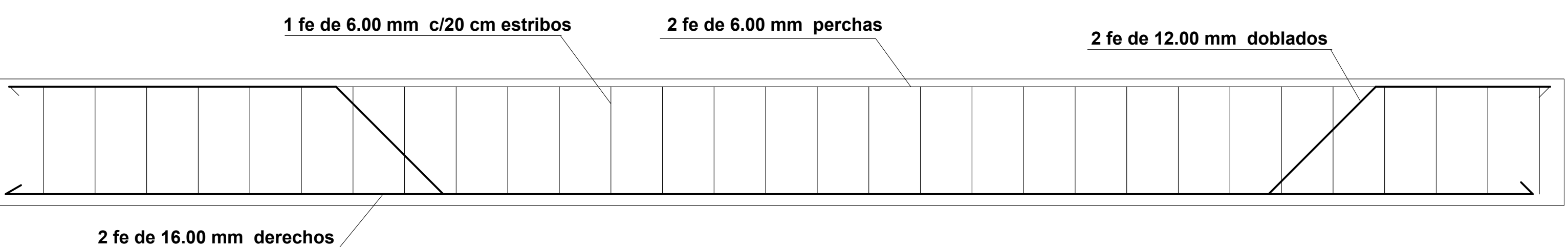
0.20m x 0.20m
4 fe de 12.00 mm
2 fe de 10.00 mm
estribos fe de 6.00 mm
c/15.00cm



VIGA V2-V6-V7-V8-V9-V10-V11-V12-V13-V14

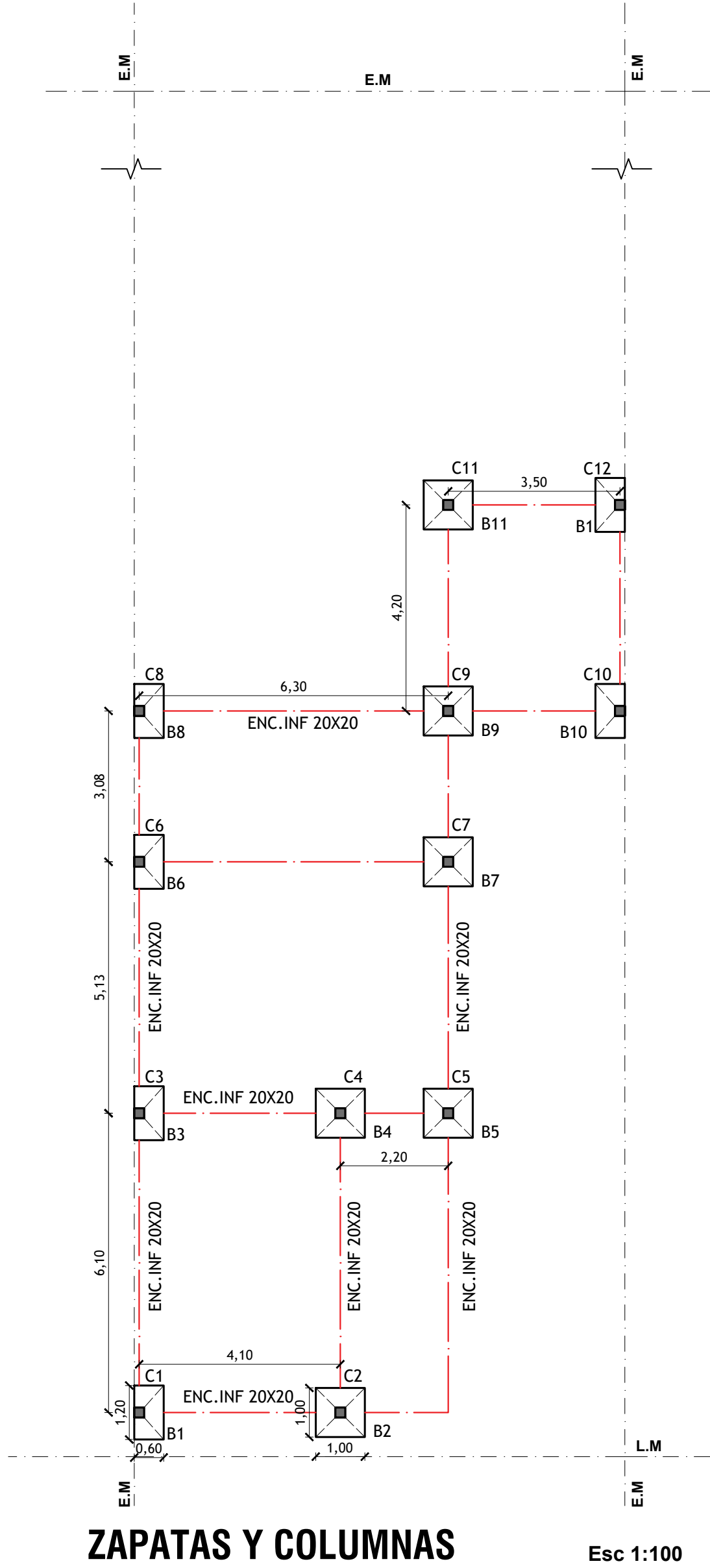


VIGA V1-V3-V4-V5

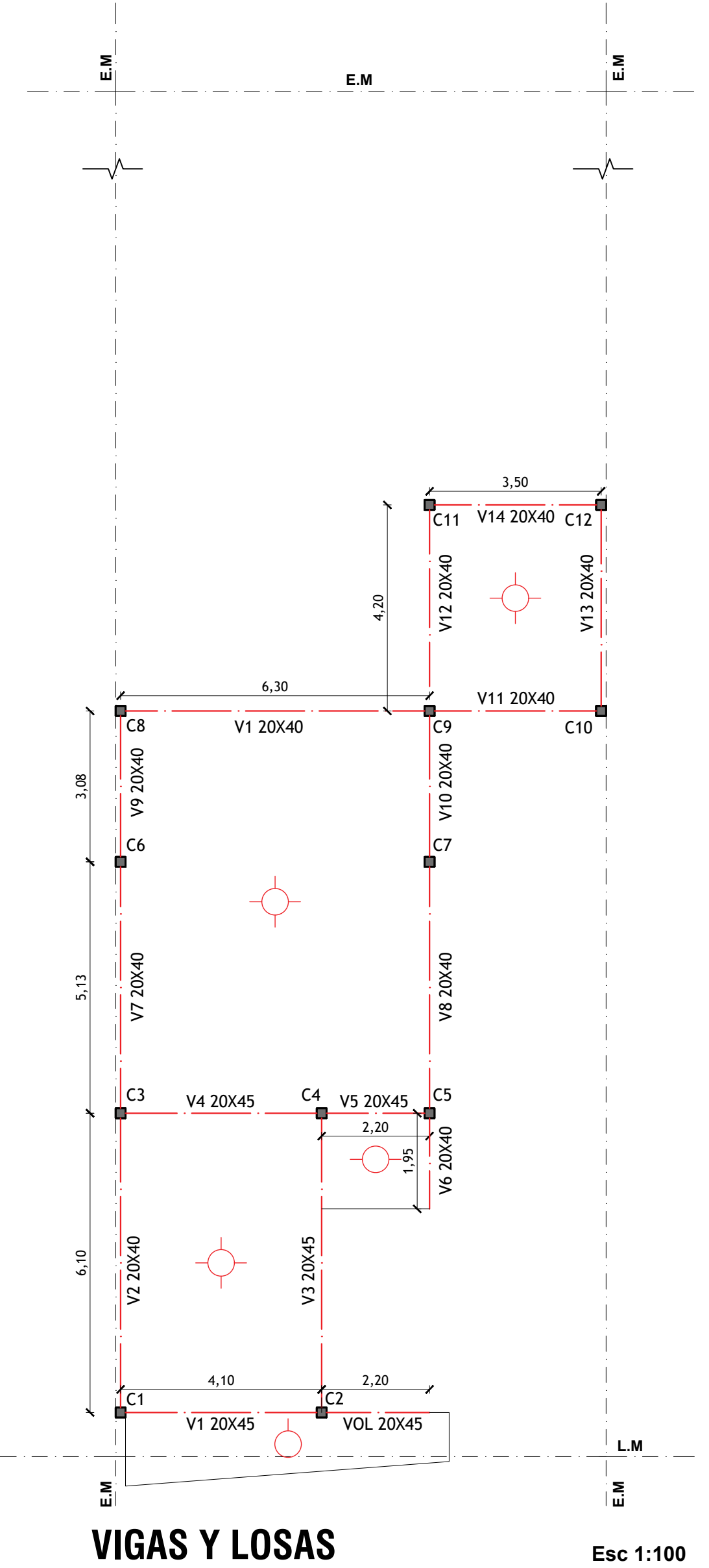


PLANILLAS DE CALCULOS											
Normas tipo: b 90/ b120											
sobre cargas: losa: 200 kg/m2											
mensula: 350kg/m2											
VIGAS											
NIVEL	Nº	L	B	H	Ql/m	H1	D1	Fe. pr.	Fe Apoy	Fe. est.	IGUAL A
	V1	4.10	0.20	0.45	1.5 x m.	0.40	0.18	2 Ø 16	2Ø 12	Ø 6 c/ 20	V4
	V2	6.10	0.20	0.40	1.5 x m.	0.35	0.18	2 Ø 12	2 Ø 12	Ø 6 c/ 20	
	V3	6.10	0.20	0.45	1.5 x m.	0.40	0.18	2 Ø 16	2Ø 12	Ø 6 c/ 20	
	V5	2.20	0.20	0.45	1.5 x m.	0.40	0.18	2 Ø 16	2Ø 12	Ø 6 c/ 20	
	V6	1.95	0.20	0.40	1.5 x m.	0.35	0.18	2 Ø 12	2 Ø 12	Ø 6 c/ 20	
	V7	5.13	0.20	0.40	1.5 x m.	0.35	0.18	2 Ø 12	2 Ø 12	Ø 6 c/ 20	V8
	V9	3.08	0.20	0.40	1.5 x m.	0.35	0.18	2 Ø 12	2 Ø 12	Ø 6 c/ 20	V10
	V11	3.50	0.20	0.40	1.5 x m.	0.35	0.18	2 Ø 12	2 Ø 12	Ø 6 c/ 20	V14
	V12	4.20	0.20	0.40	1.5 x m.	0.35	0.18	2 Ø 12	2 Ø 12	Ø 6 c/ 20	V13
	VOL1	2.20	0.20	0.40	1.5 x m.	0.35	0.18	3 Ø 16	2 Ø 12	Ø 6 c/ 20	
COLUMNAS											
NIVEL	Nº	P	C1	C2	D1	D2	H	Fe Pr.	Fe Est.	IGUAL A	
P.B.	P	65.00	0.20	0.20	0.18	0.18	3.20	4 Ø 12	Ø 6 c/ 20	C1-C3-C5-C8-C9-C10-C11-C12	
P.B.	P	65.00	0.20	0.20	0.18	0.18	3.20	4Ø 12 + 2Ø 10	Ø 6 c/ 20	C2-C4-C6-C7	
ENCADENADO											
NIVEL	Nº	B	H	H1	D1	Fe. pr.	Fe. negr.	Fe. est.	IGUAL A		
	V.E	0.20	0.20	0.18	0.18	2 Ø 10	2 Ø 8	Ø 6 c/ 15	TODOS		
ZAPATAS											
Nº	POS.	P	D	TADM.	A	B	H	FeX	FeY	IGUAL A	
Z	excen	210.00	0.15	1.5 tm2	1.20	0.60	0.50	Ø 10 c/ 14	Ø 10 c/ 13	B1-B3-B6-B9-B10-B12	
Z	centr.	210.00	0.15	1.5 tm2	1.00	1.00	0.55	Ø 10 c/ 13.5	Ø 10 c/ 13.5	B2-B4-B5-B7-B9-B11	

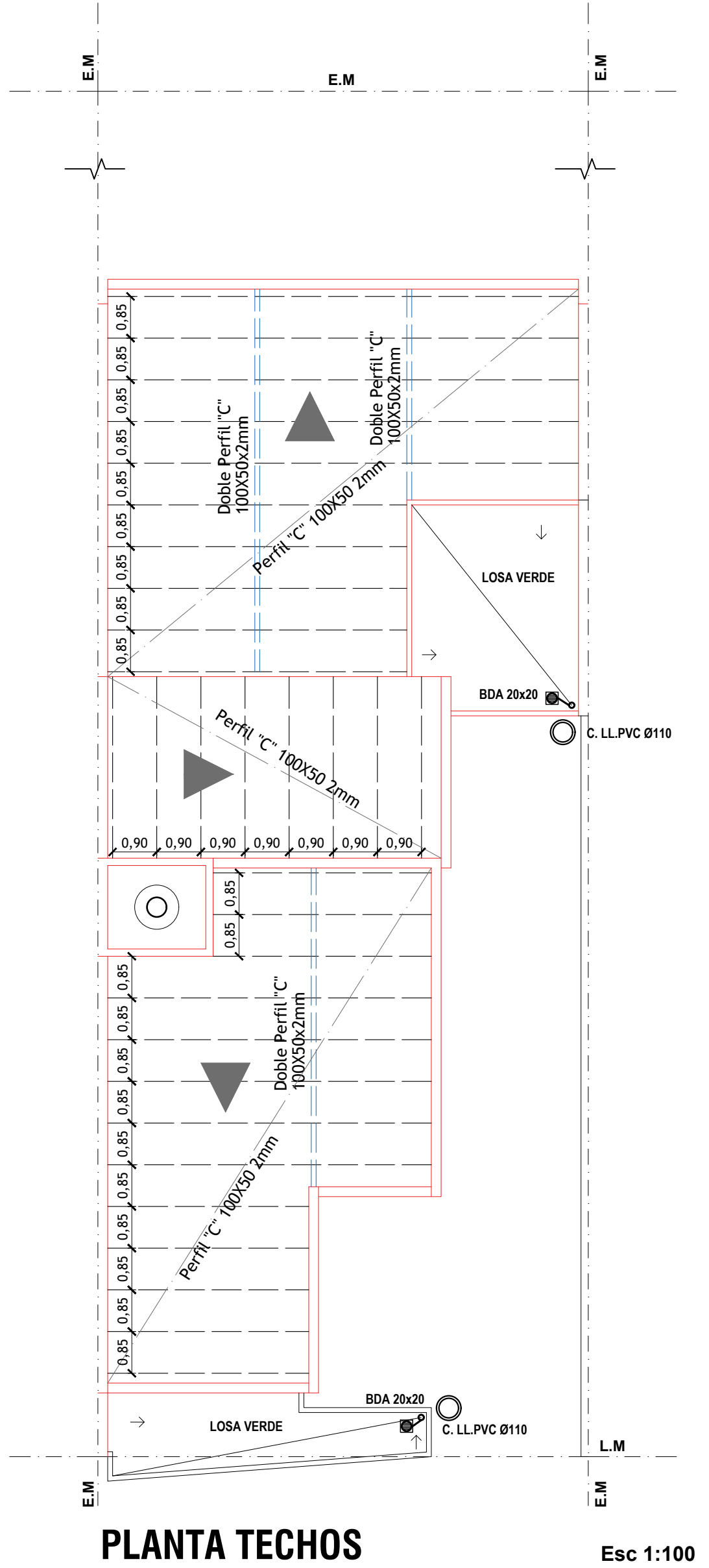
Base: B10 - IDEM B11



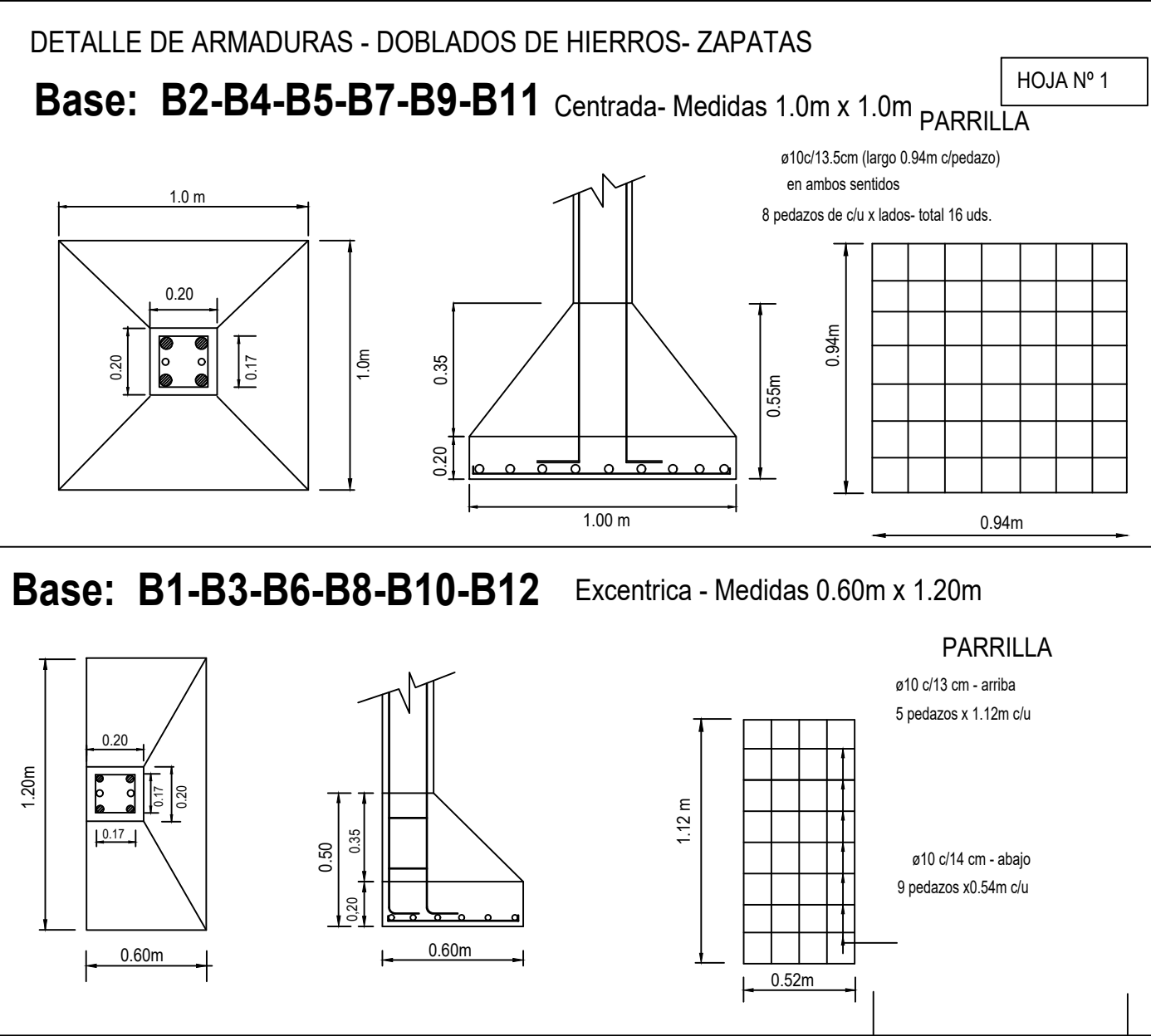
ZAPATAS Y COLUMNAS Esc 1:100



VIGAS Y LOSAS Esc 1:100

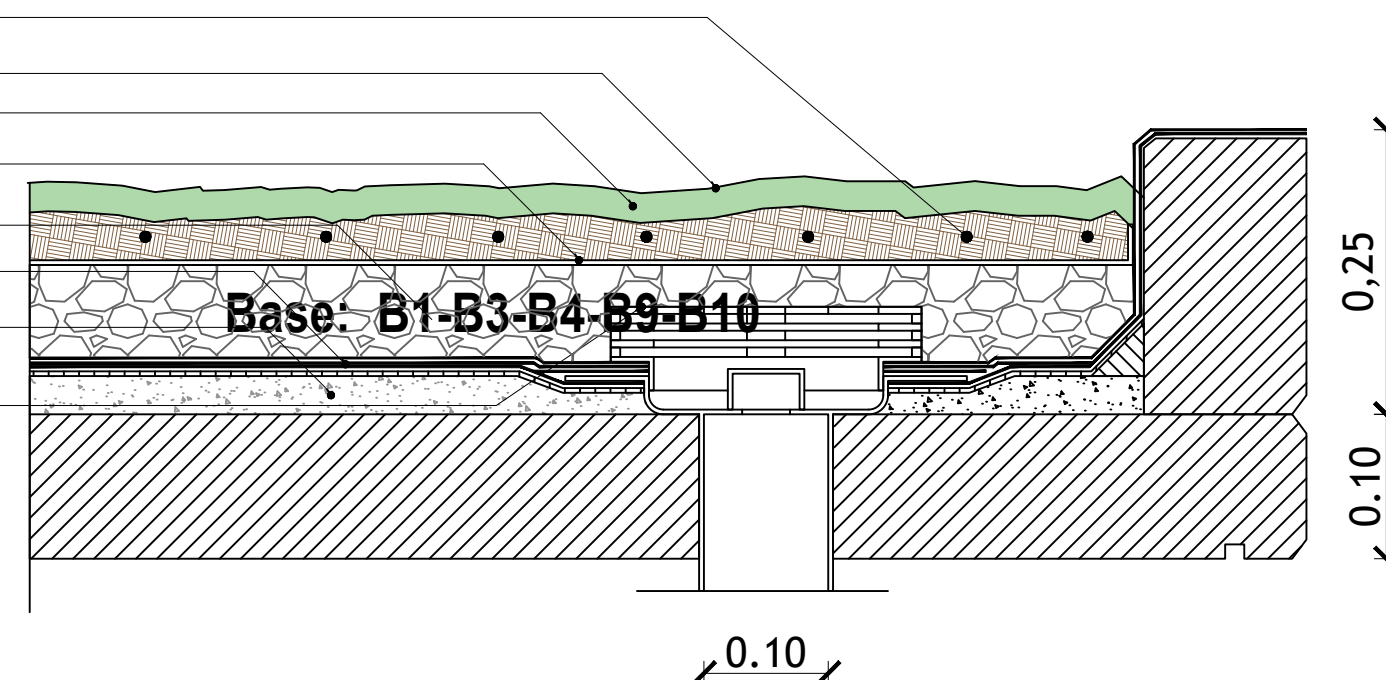


PLANTA TECHOS Esc 1:100



DETALLE LOSA VERDE Esc 1:20

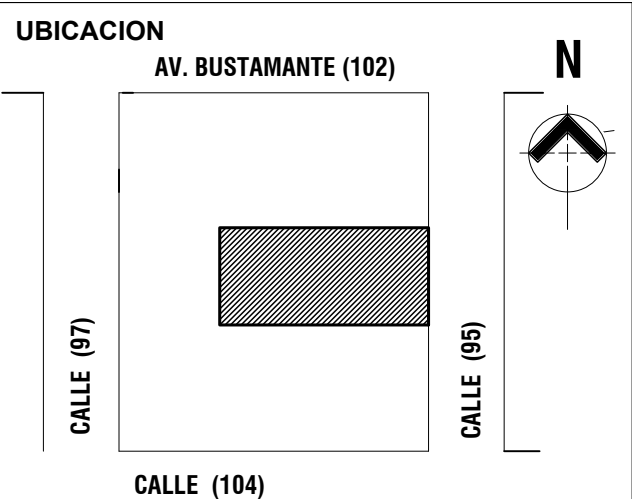
RIEGO POR GOTE
VEGETACIÓN
SUSTRATO
MEMBRANA GEOTEXTIL
DRENAJE DE LECA
IMPERMEABILIZACIÓN
Hº DE PENDIENTE 2%
DESAGUE



PLANO DE ESTRUCTURA

OBJETO: OBRA NUEVA
DESTINO: VIVIENDA UNIIFAMILIAR
PROPIETARIO: FARQUHARSON CAROLINA

DIRECCION: CALLE (95) Nº 5050 POSADAS MISIONES



NOMENCLATURA CATASTRAL				
SEGUN CATAST	ZON	SEC.	CH.	MAN
	016	098	001	008
SEGUN TITULO	SEC.	CH.	MAN	LOT.
	016	098	001	008

NUMERACION MUNIC. DE FINCA : 5050

TENSIONES DE CALCULO Y SOBRECARGA

PROPIETARIO: CARLOS MARTIN BETANCUR DNI 30.819.071

CALCULO: ING. JUAN SEBASTIAN LEDESMA MP N° 2261

DIRECCION: