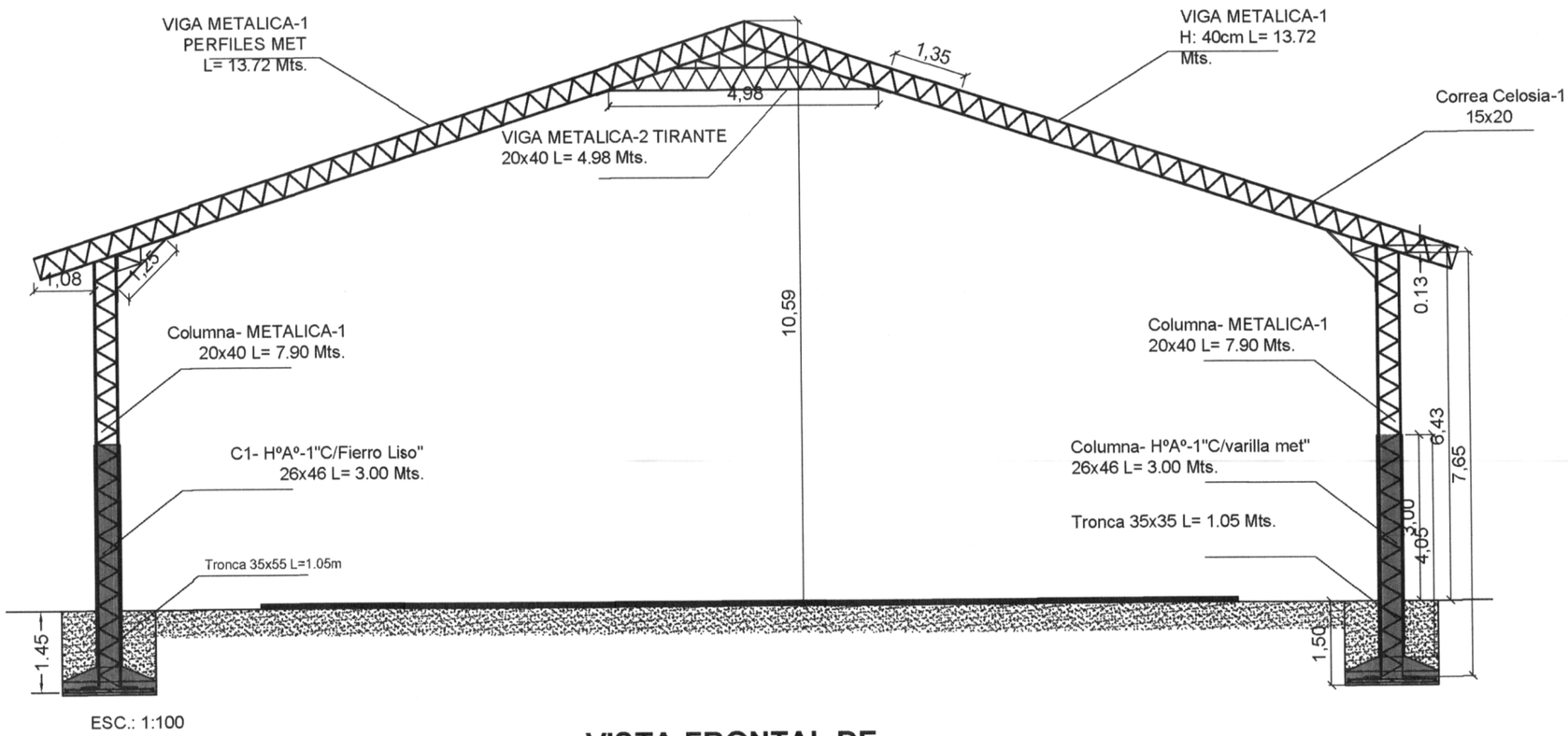

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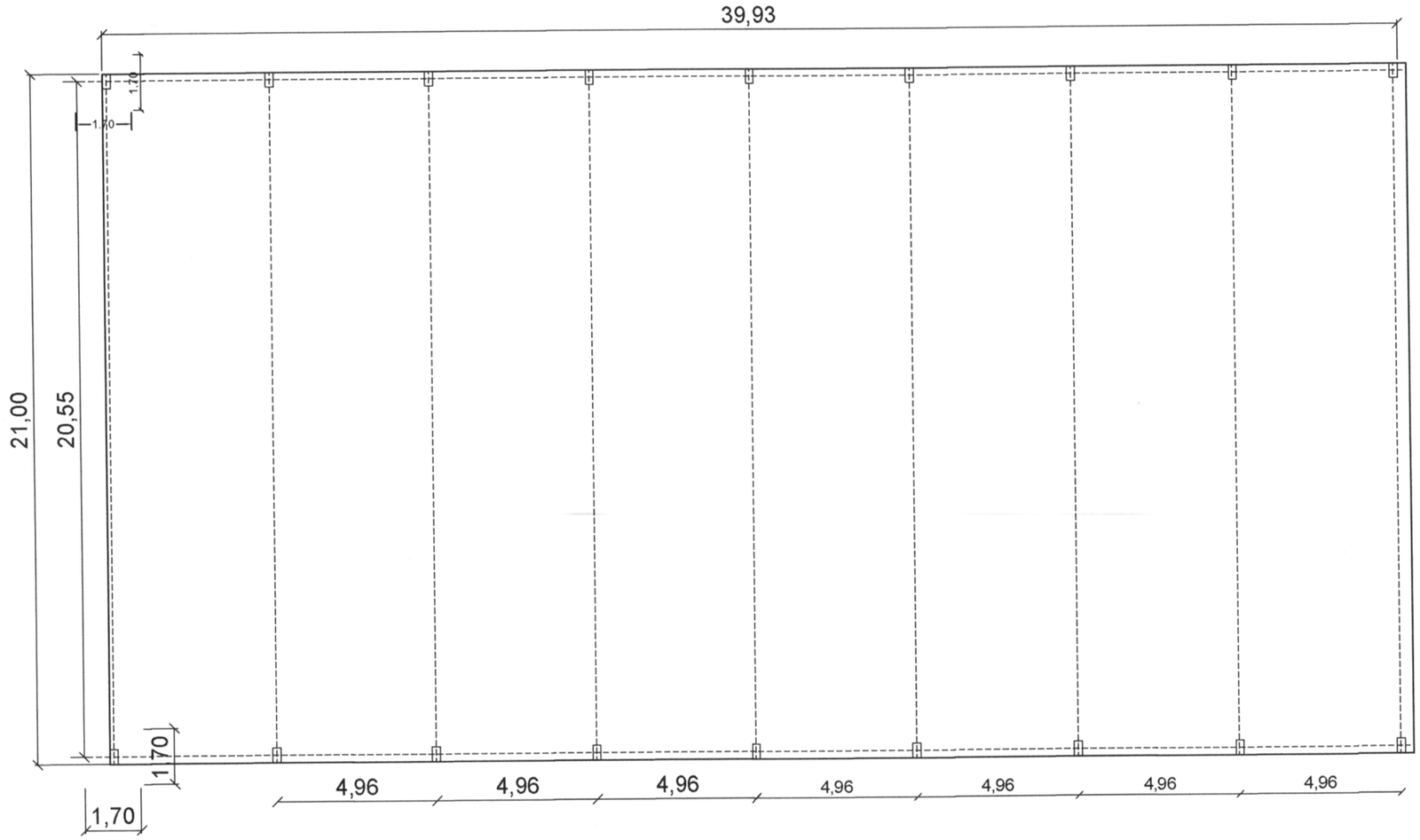
VISTA FRONTAL DE TINGLADO

Tensión Admisible:0.60 kg/cm2



ESC.: 1:100

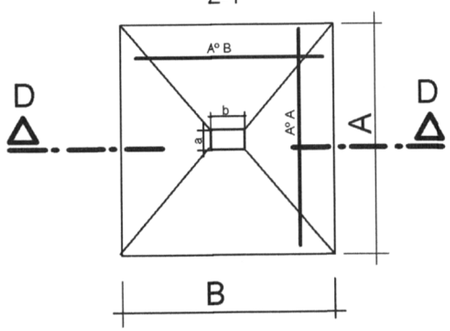
PLANTA DE REPLANTEO

CUADRO DE DETALLE EN ZAPATA

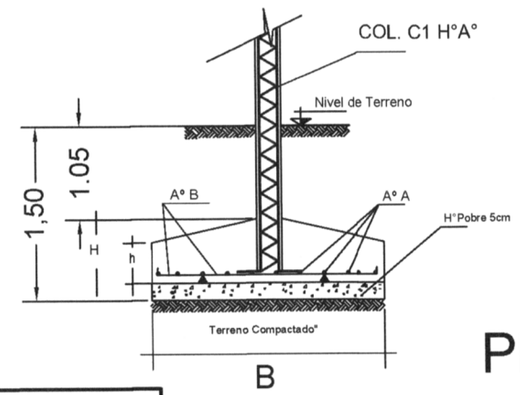
ZAPATAS TIPO	A	B	H	h	A° A	A°B	CANTIDAD	Profundidad de Fundación
Z-1	1.70m	1.70m	0.45m	0.25m	Ø12C/18cm	Ø12C/18cm	18	1.50m

ZAPATA CENTRAL

Z-1



CORTE-C1
D-D



ESPECIFICACIONES TECNICAS

HORMIGON .- Resistencia caracteristica Fck= 210 Kg/cm2

ACERO DE ALTA RESISTENCIA.- Limite elástico Fyk = 5000 Kg/cm2

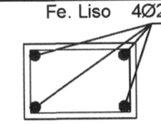
AGREGADO GRUESO.- Fundaciones < 1", Estribos, Vigas, Losas < 3/4"

RECUBRIMIENTOS.- Fundaciones 5 cm , Columna, Vigas, 2.5 cm.

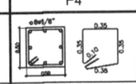
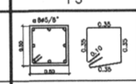
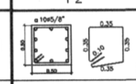
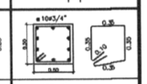
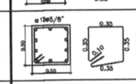
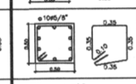
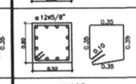
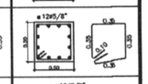
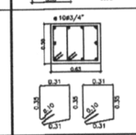
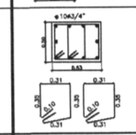
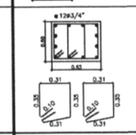
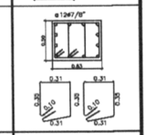
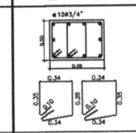
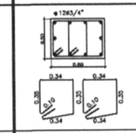
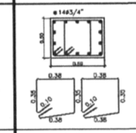
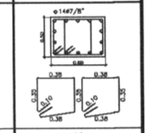
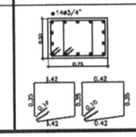
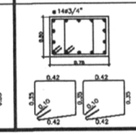
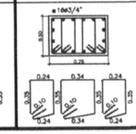
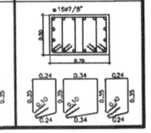
ENPALMES.- a flexion 60xØb , a compresión 40xØb

TERRENO CON CAPACIDAD PORTANTE BAJA:0.8 Kg/cm2

PLANILLA DE COLUMNA

COLUMNA TIPO	NIVEL	SECCION a x b	DETALLE	CANTIDAD
C1-H°A°	PLANTA BAJA	0.26 x 0.46 m2	Fe. Liso 4Ø25mm 	18

CUADRO DE COLUMNAS

DIMENSION	NIVEL	Tipo de Fundación F4	Tipo de Fundación F3	Tipo de Fundación F2	Tipo de Fundación F1
40x40	5				
40x40	4				
50x40	3				
55x40	2				
60x40	1				

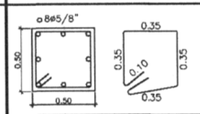
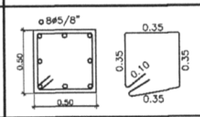
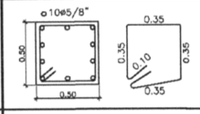
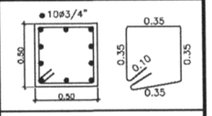
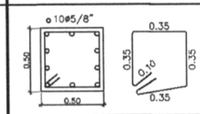
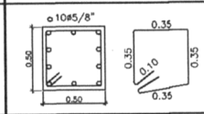
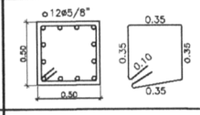
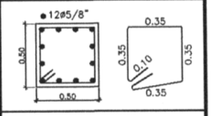
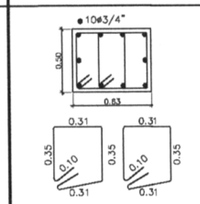
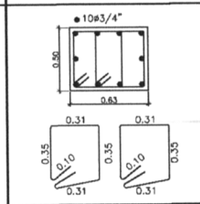
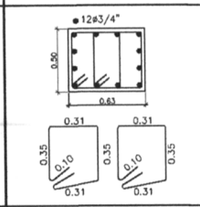
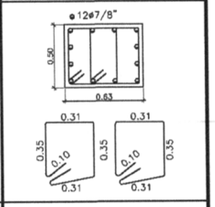
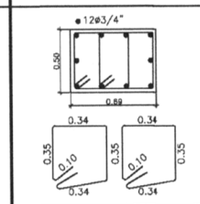
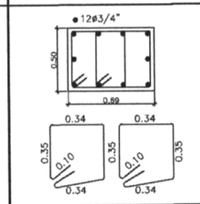
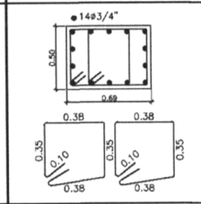
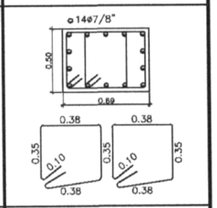
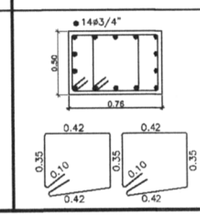
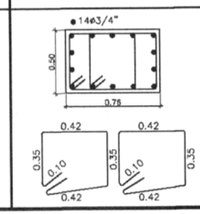
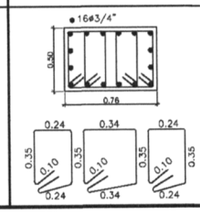
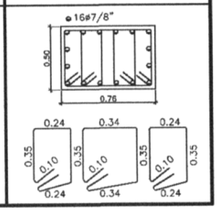
CUADRO DE FUNDACIONES

TIPO	BASE			ESCALON			PEDESTAL		
	largo	ancho	alto	largo	ancho	alto	largo	ancho	alto
F1	3.00	3.00	0.60	2.00	2.00	0.60	1.40	1.00	1.50
F2	2.40	2.60	0.60	1.40	0.90	0.60	1.20	0.70	1.50
F3	3.00	2.00	0.50	1.40	0.80	0.60	1.20	0.60	1.50
F4	2.60	2.00	0.50	1.60	1.20	0.60	1.20	0.60	1.50

DETALLE DE ARMADO DE ZAPATA Y HORMIGÓN DE COLUMNA

DETALLE DE ARMADO DE ZAPATA
Y HORMIGÓN DE COLUMNA

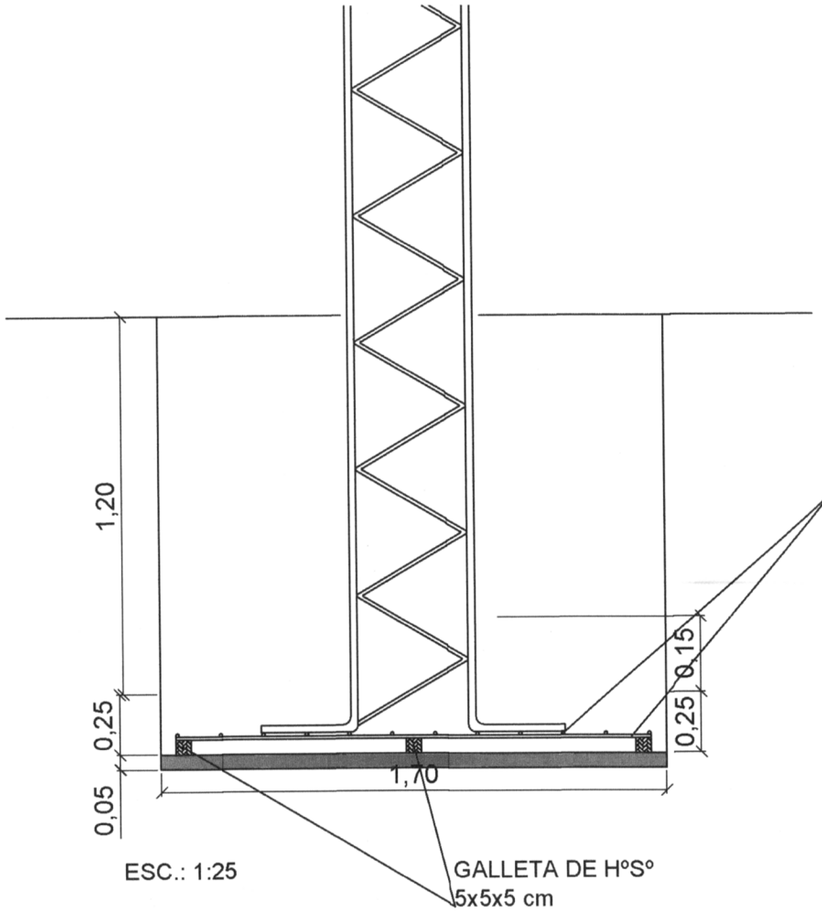
CUADRO DE COLUMNAS

DIMENSION	NIVEL	Tipo de Fundación F4	Tipo de Fundación F3	Tipo de Fundación F2	Tipo de Fundación F1
40x40	5				
40x40	4				
50x40	3				
55x40	2				
60x40	1				

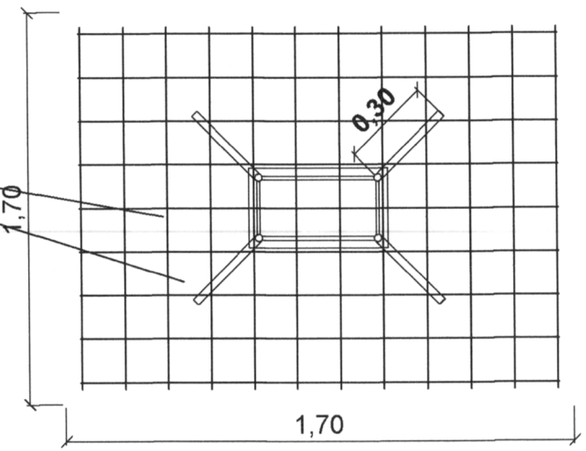
CUADRO DE FUNDACIONES

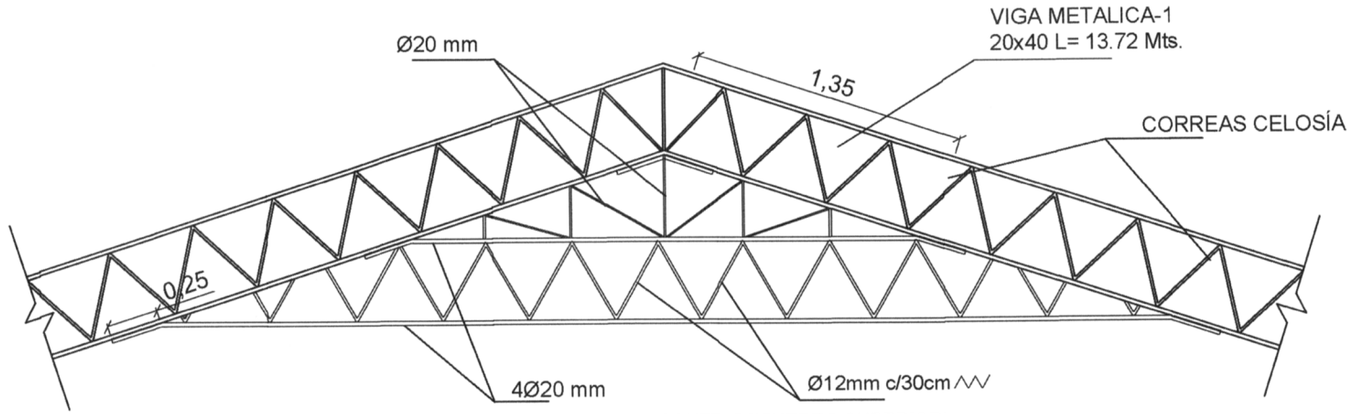
TIPO	BASE largo	BASE ancho	BASE alto	ESCALON largo	ESCALON ancho	ESCALON alto	PEDESTAL largo	PEDESTAL ancho	PEDESTAL alto
F1	3.00	3.00	0.60	2.00	2.00	0.60	1.40	1.00	1.50
F2	2.40	2.60	0.60	1.40	0.90	0.60	1.20	0.70	1.50
F3	3.00	2.00	0.50	1.40	0.80	0.60	1.20	0.60	1.50
F4	2.60	2.00	0.50	1.60	1.20	0.60	1.20	0.60	1.50

DETALLE DE ARMADO DE ZAPATA



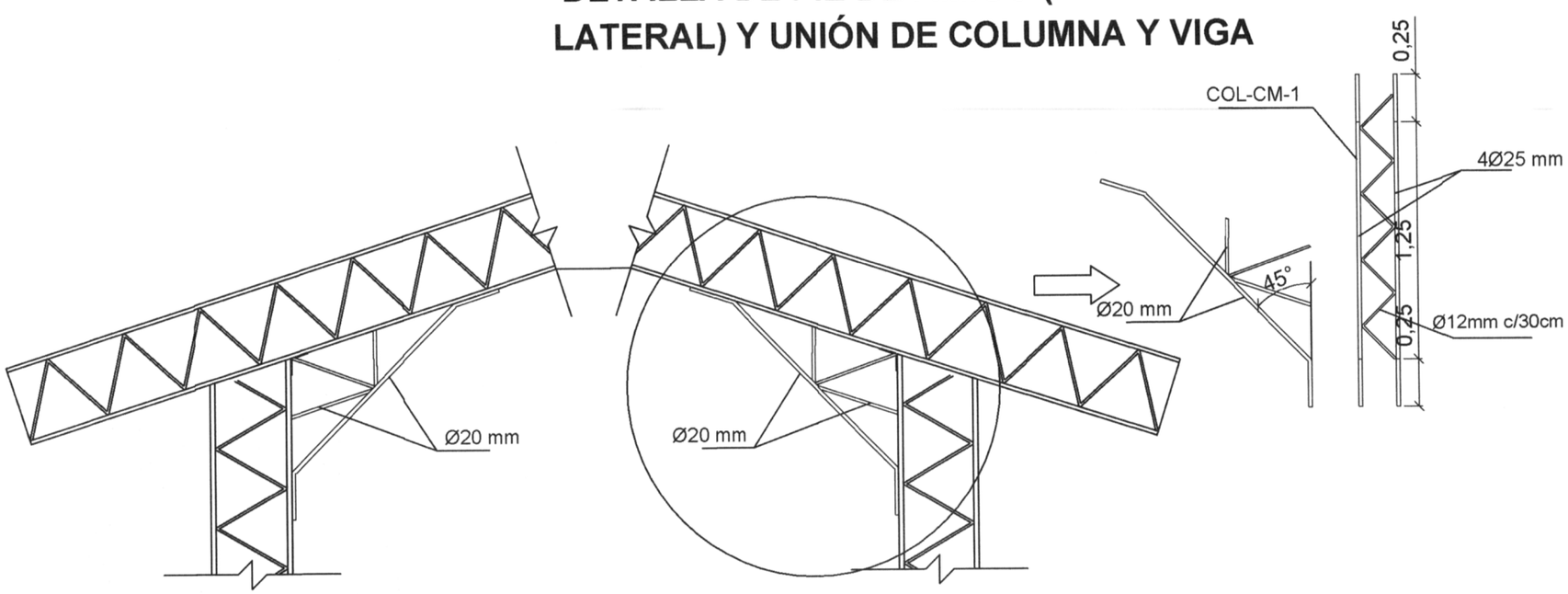
ESC.: 1:25



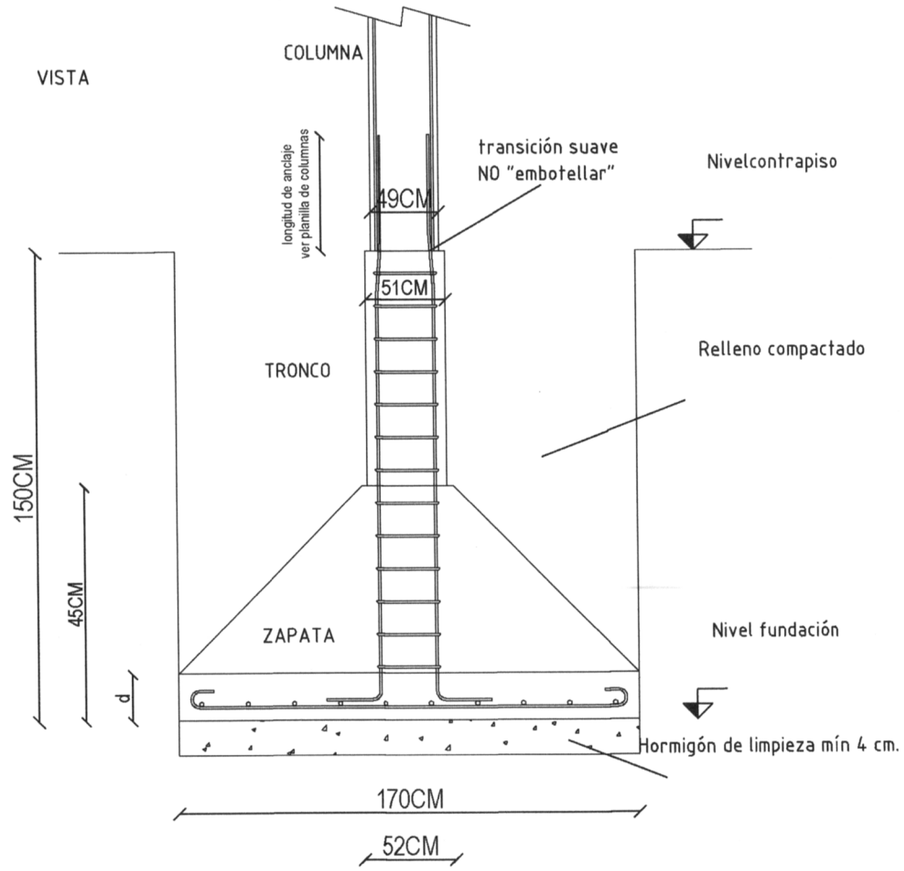


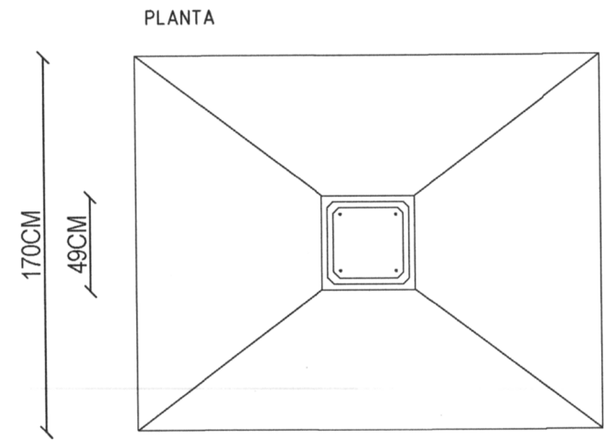
DETALLE VIGA TIRANTE (REFUERZO SUPERIOR)

DETALLA DE PIE DE AMIGO (REFUERZO LATERAL) Y UNIÓN DE COLUMNA Y VIGA



Detalle General de Bases Centradas

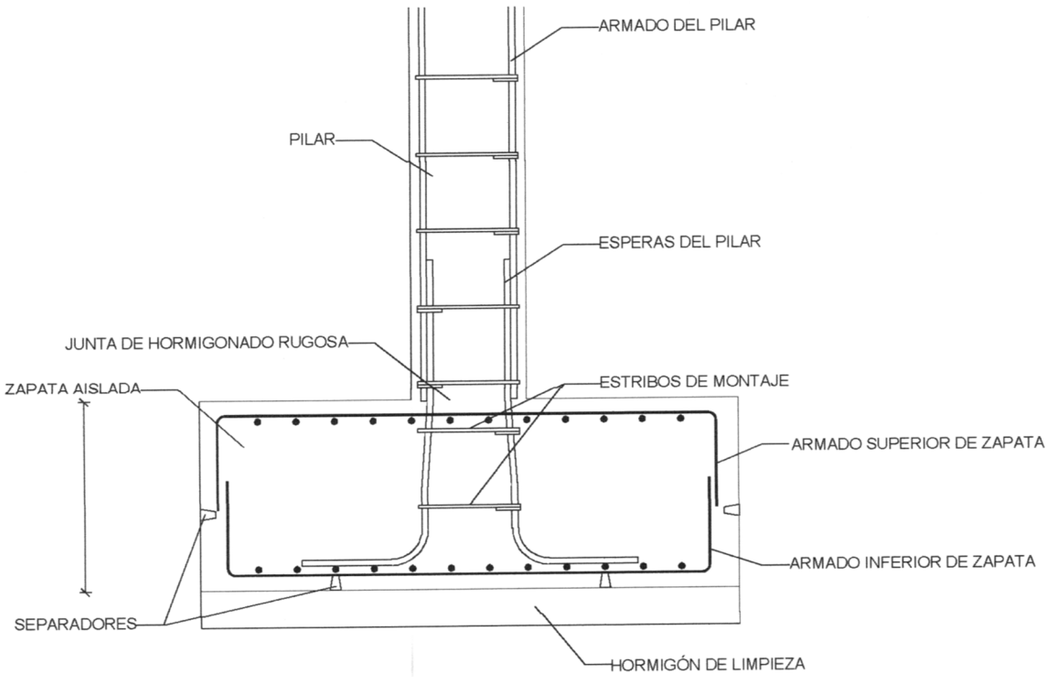




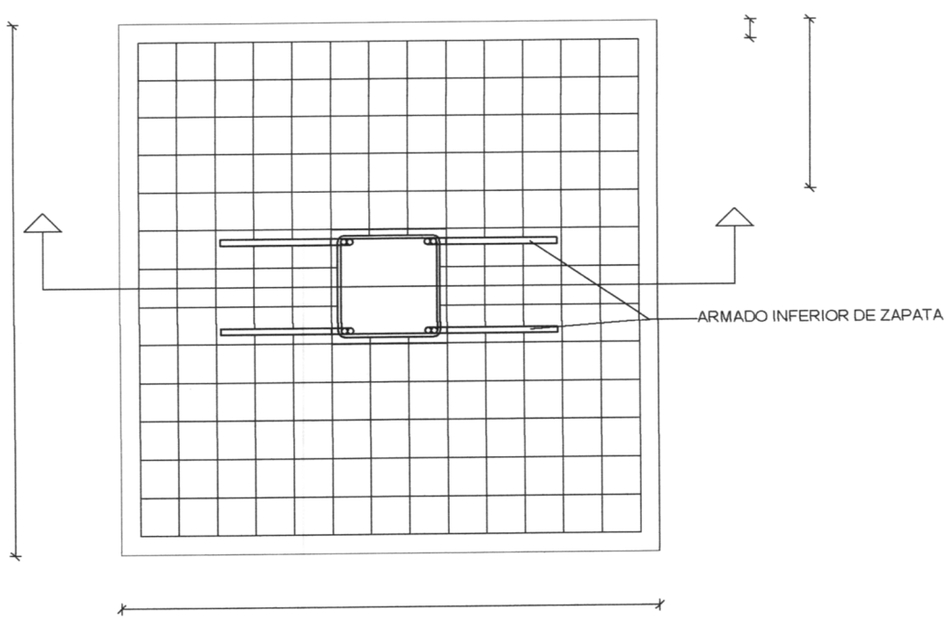
1- Recubrimiento de la armadura del tronco: 4cm
2- Recubrimiento de la armadura de la zapata: 8 cm total c/Ho.limp.
3- El hormigón de limpieza debe ser de igual calidad al de la zapata
4- Espesor del hormigón de limpieza: mínimo 4 cm

ZAPATA TIPO

SECCIÓN A-A



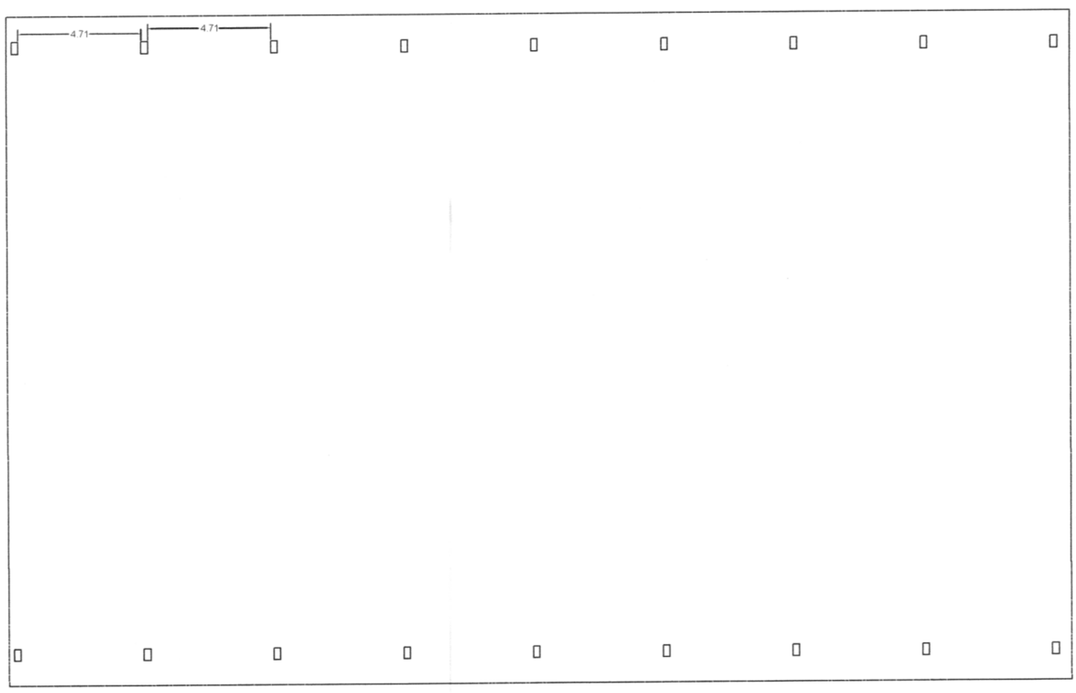
PLANTA



DESCRIPCIÓN DE LA ZAPATA

Zapata n (Pxxx) TIPO
Pilar xxx (Pxxx)
Dimensiones: AxBxh Ang.: alfa°
A: l:nrØDsS(lp1P+la+lpfP)(di;df)
B: l:nrØDsS(lp1P+la+lpfP)(di;df)

n	NÚMERO DE ZAPATA
xxx	NÚMERO DE PILAR
TIPO	TIPO DE ZAPATA
A,B,h	DIMENSIONES LARGOxANCHOxALTO (cm)
alfa°	ÁNGULO ROTACIÓN DE LA ZAPATA
nr	NÚMERO DE BARRAS
D	DIAMETRO DE LAS BARRAS
S	SEPARACIÓN ENTRE BARRAS (cm)
lp1	LONGITUD PATILLA INICIAL(cm)
la	LONGITUD BARRA(cm)



ESC.: 1:100

PLANTA GENERAL DE TINGLADO