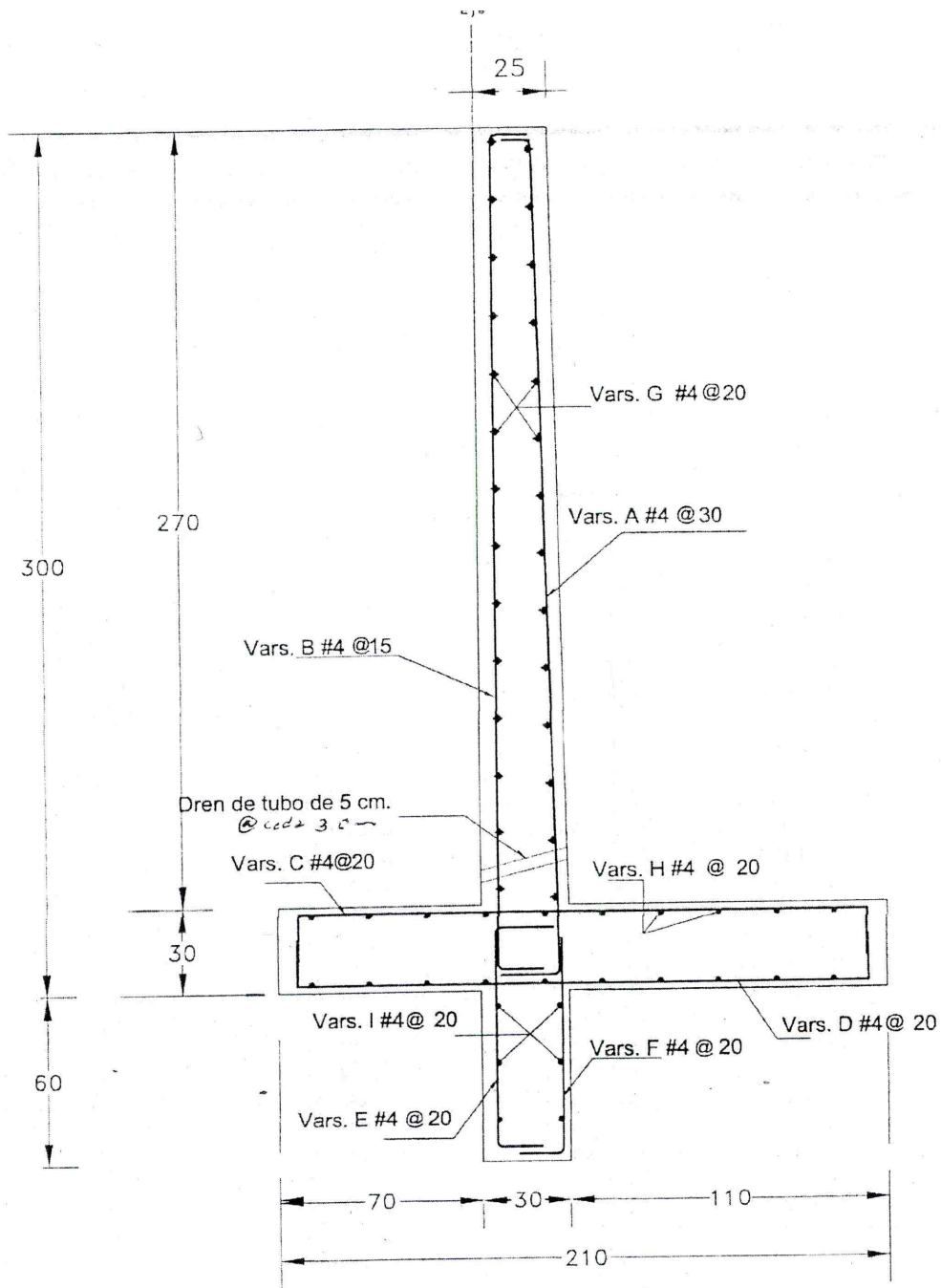




SUBSECRETARIA DE INFRAESTRUCTURA
DIRECCION GENERAL DE CARRETERAS FEDERALES
DIRECCION DE PROYECTOS DE CARRETERAS
DEPTO. DE PROJ. DEF. OF. DE ALCANT. Y E.M.

CARRETERA :
TRAMO :
ESTACION :
ORIGEN :

PROYECTO TIPO DE MURO
DE CONCRETO REFORZADO.
ALTURA: 3.00 m

OFNA DE ALCANTARILLADO Y ESTRUCTURAS MENORES
Jefe de Oficina : ING. SERGIO CONTRERAS
Telefono : 5687-61-99 Ext 107
Proyectista :

MURO:

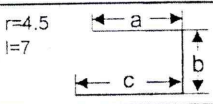
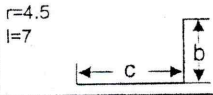
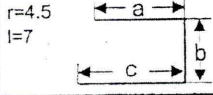
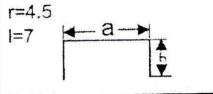
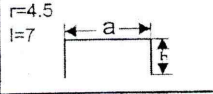
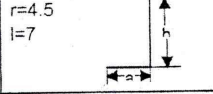
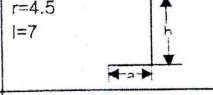
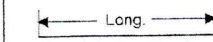
3

DE 15

Muros de Concreto Reforzado para $f = 1 \text{ Kg/cm}^2$																			
D I M E N S I O N E S																			
ALTURA PANTALLA Z A P A T A DENTELLON ESFUERZOS COEFICIENTES CANTIDADES																			
HT	h'	b	bi	Pz	P'z	Ve	VI	BT	Hd	Ad	Bd	f _{máx.}	f _{mín.}	Cv	Cd	CONCRETO	ACERO		
1.00	75	20	20	0	25	30	50	100	30	30	30	8.05	0.18	2.42	1.86	0.88	73.4		
2.00	175	25	25	0	25	40	65	130	40	30	30	10.14	1.46	2.76	1.80	1.55	107.8		
3.00	270	25	30	0	30	70	110	210	60	30	30	10.30	4.69	3.86	1.79	2.74	208.7		
4.00	360	30	40	0	40	110	185	335	45	30	30	10.06	6.77	3.79	1.77	4.16	322.9		
5.00	450	30	50	0	50	180	190	420	85	30	30								
6.00																			
7.00																			
8.00																			
9.00																			
10.00																			
11.00																			
12.00																			
13.00																			
14.00																			
15.00																			
16.00																			
17.00																			
18.00																			
19.00																			
20.00																			

H = 3.0 m

LISTA DE VARILLAS

ELEM.	DESIG.	NUM.	DIAM.	CROQUIS	a	b	c	ESP.	LONG.	PESO
P	Vars. A	6	4		15	266	30	30	331	19.9
P	Vars. A1	6	4		--	151	30	20	211	12.7
P	Vars. B	6	4		15	286	15	15	316	19.0
Z	Vars. C	6	4		196	16	--	20	228	13.7
Z	Vars. D	6	4		196	16	--	20	228	13.7
D	Vars. E	6	4		15	75	--	20	90	5.4
D	Vars. F	6	4		15	75	--	20	90	5.4
P	Vars. G	6	4		--	--	--	20	100	6.0
Z	Vars. H	6	4		--	--	--	20	100	6.0
D	Vars. I	6	4		--	--	--	20	100	6.0

P = PANTALLA

Z = ZAPATA

D = DENTELLON