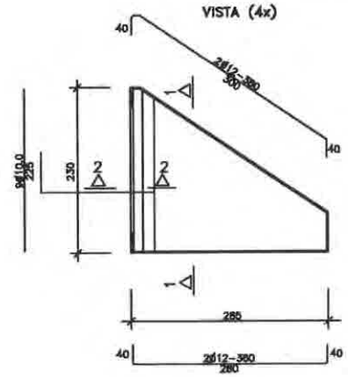
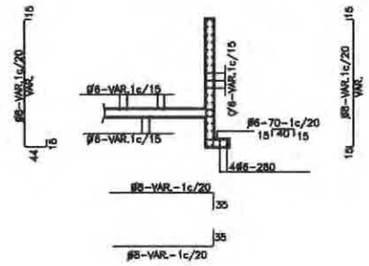
ARMADURAS DE CABECERAS – ALCANTARILLA CELULAR DE 1.00x1.00

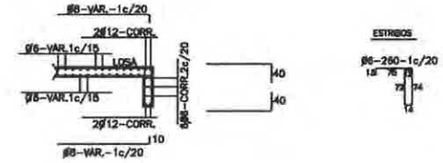
VISTA (4x)



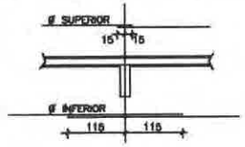
CORTE 1-1 (4x)



CORTE DE VIGA DE BORDE DE LA LOSA (2x)

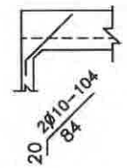


EMPALME DE LAS ALCANTARILLAS CON LAS CABECERAS (LOSA INFERIOR)

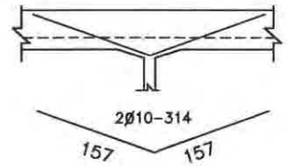


MENSULAS

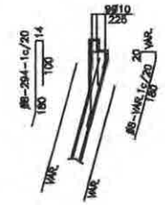
VISTA



VISTA



CORTE 2-2 (4x)



OBSERVACIONES:

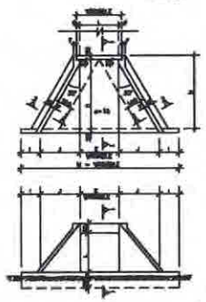
1- EL HORMIGÓN UTILIZADO DEBE SER FCK= 210 kg/cm.2

2- EL ACERO TIPO AP 420 DN

CABECERAS NORMALES PARA ALCANTARILLAS CELULARES

ALCANTARILLA SIMPLE

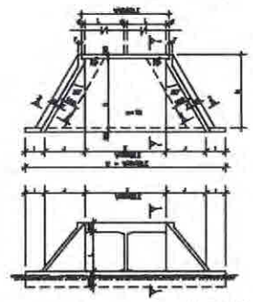
PLANTA



VISTA FRONTAL

ALCANTARILLA DOBLE

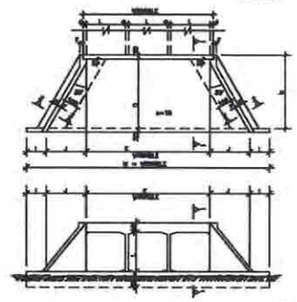
PLANTA



VISTA FRONTAL

ALCANTARILLA TRIPLE

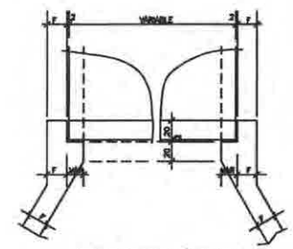
PLANTA



VISTA FRONTAL

CORTE 1-1

CORTE 2-2



DETALLE DE VISTA EN PLANTA

TABLA DE DIMENSIONES Y CANTIDAD DE MATERIALES PARA AMBAS CABECERAS

MEDIDAS (cm)	ALCANTARILLA SIMPLE				
	1,00x1,00m. fs ≥ 0,09 MPa	1,50x1,50m. fs ≥ 0,09 MPa	2,00x2,00m. fs ≥ 0,08 MPa	2,50x2,50m. fs ≥ 0,10 MPa	3,00x3,00m. fs ≥ 0,12 MPa
D	160,0	260,0	355,0	430,0	505,0
E	100,0	150,0	200,0	250,0	300,0
F	15,0	15,0	20,0	20,0	25,0
G	30,0	30,0	30,0	50,0	50,0
I	100,0	100,0	100,0	100,0	100,0
J	127,0	180,5	204,0	247,0	290,5
L	100,0	150,0	200,0	250,0	300,0
M	584,0	871,0	658,0	944,0	1081,0
N	225,0	320,0	395,0	470,0	545,0

MEDIDAS (cm)	ALCANTARILLA DOBLE				
	1,00x1,00m. fs ≥ 0,10 MPa	1,50x1,50m. fs ≥ 0,10 MPa	2,00x2,00m. fs ≥ 0,15 MPa	2,50x2,50m. fs ≥ 0,21 MPa	3,00x3,00m. fs ≥ 0,21 MPa
D	160,0	260,0	355,0	430,0	505,0
E	3L + 2d (VER LAMINA DD-03)				
F	15,0	15,0	20,0	20,0	25,0
G	30,0	30,0	30,0	50,0	50,0
I	100,0	100,0	100,0	100,0	100,0
J	127,0	180,5	204,0	247,0	290,5
L	100,0	150,0	200,0	250,0	300,0
M	200 + 3J + E				
N	225,0	320,0	395,0	470,0	545,0

MEDIDAS (cm)	ALCANTARILLA TRIPLE				
	1,00x1,00m. fs ≥ 0,13 MPa	1,50x1,50m. fs ≥ 0,13 MPa	2,00x2,00m. fs ≥ 0,13 MPa	2,50x2,50m. fs ≥ 0,21 MPa	3,00x3,00m. fs ≥ 0,21 MPa
D	160,0	260,0	355,0	430,0	505,0
E	3L + 2d (VER LAMINA DD-03)				
F	15,0	15,0	20,0	20,0	25,0
G	30,0	30,0	30,0	50,0	50,0
I	100,0	100,0	100,0	100,0	100,0
J	127,0	180,5	204,0	247,0	290,5
L	100,0	150,0	200,0	250,0	300,0
M	200 + 3J + E				
N	225,0	320,0	395,0	470,0	545,0

DESCRIPCION	UNID	ALCANTARILLA SIMPLE				
		1,00x1,00m.	1,50x1,50m.	2,00x2,00m.	2,50x2,50m.	3,00x3,00m.
CONTRAPISO	m²	1,37	2,46	4,35	6,30	8,70
ENCOFRADO	m²	54,00	83,60	113,00	144,00	181,00
HORMIGON	m³	5,70	10,85	17,86	24,35	36,55

DESCRIPCION	UNID	ALCANTARILLA DOBLE				
		1,00x1,00m.	1,50x1,50m.	2,00x2,00m.	2,50x2,50m.	3,00x3,00m.
CONTRAPISO	m²	1,88	3,63	8,45	9,75	13,65
ENCOFRADO	m²	83,20	92,00	120,80	155,00	193,00
HORMIGON	m³	6,82	12,35	20,86	30,05	44,43

DESCRIPCION	UNID	ALCANTARILLA TRIPLE				
		1,00x1,00m.	1,50x1,50m.	2,00x2,00m.	2,50x2,50m.	3,00x3,00m.
CONTRAPISO	m²	2,15	5,40	8,85	13,20	18,45
ENCOFRADO	m²	72,00	104,00	138,00	174,00	217,00
HORMIGON	m³	8,45	16,40	26,38	35,75	52,43

GAB