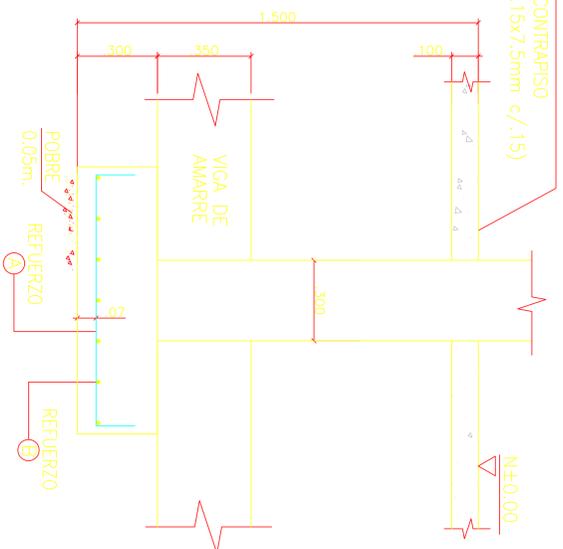
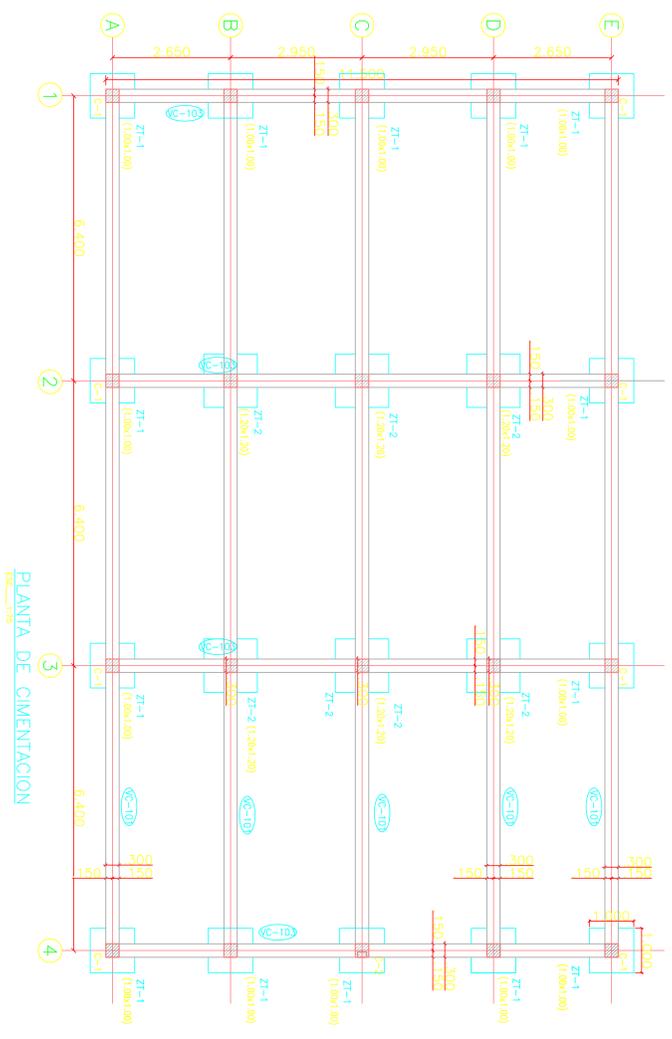


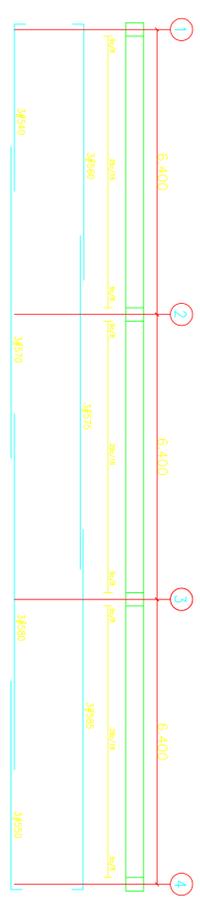
PLACA DE CONTRARIBISO
(7.5mm c/.15x7.5mm c/.15)



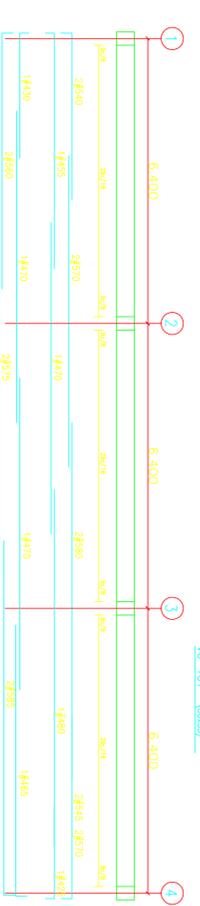
DETALLE TÍPICO DE CIMENTACION
ESC. 1:10



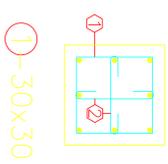
PLANTA DE CIMENTACION
ESC. 1:75



VC-101 (00x35)



V-201 (00x30)
E#3



1-30x30



SECCION Y ESTIBO DE COLUMNA
ESC. 1:10

OBSERVACIONES:
 $f_c = 21 \text{ Mpa}$
 $f_y = 240 \text{ Mpa} (\#2 \text{ y } \#3)$
 $f_y = 420 \text{ Mpa} (\#4)$
 USAR ELECTRODO E70XX
 ACERO ASTM A36
 NORMAS PARA SOLDADURA SEGUN AWS D11.1

NOTA:
 GRADO DE DISPERSION DES
 CERCA VVA CUBERTERIA 35 kg/M²

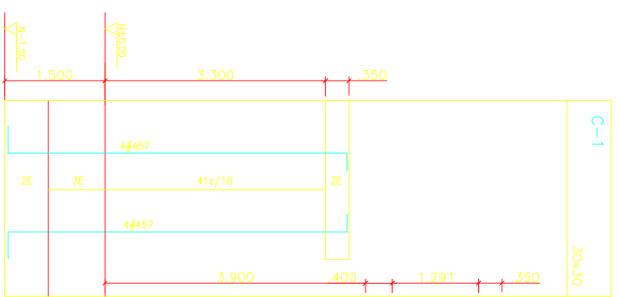
DIMENSION GANCHOS (en cms)
 #2-10 #4-19 #6-28 #8-85
 #3-14 #5-23 #7-32 #8-122
 #8-37 #8-70 #8-140

TRASLAPOS CLASE A

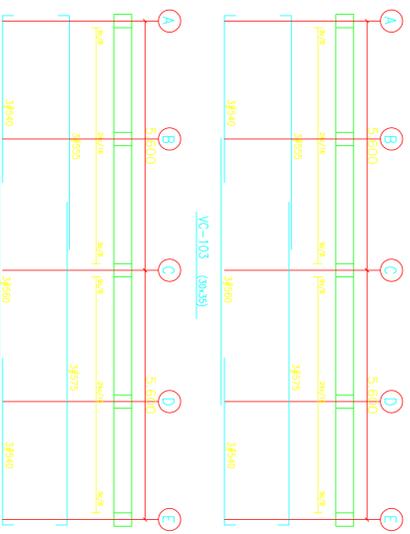
QUADRO DE ZAPATAS	REF. A	REF. B	
Z-TIPO	TAMANO	REF. A	REF. B
ZT-1	1.00x1.00	7#412 c/20	7#412 c/20
ZT-2	1.20x1.20	8#414 c/20	8#414 c/20

QUADRO DE ESTIBOS	ESC. 1:10		
E#3 L=1.14	E#3 L=1.22	E#3 L=1.12	E#3 L=0.56
30x35 CIMENTACION	30x35 VIGA AMARRE PERIMETRAL	30x30 COLUMNAS	.12x.12 VIGUETAS COLUMNETAS
.27 .22	.29 .24	.24 .24	.17 .09

QUADRO DE ZAPATAS	REF. A	REF. B	
Z-TIPO	TAMANO	REF. A	REF. B
ZT-1	1.00x1.00	7#412 c/20	7#412 c/20
ZT-2	1.20x1.20	8#414 c/20	8#414 c/20



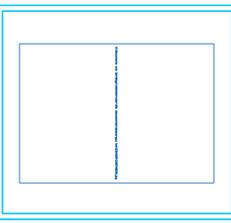
DESPIECES DE COLUMNAS
ESC. 1:30



VC-103 (00x35)

V-203 (00x30)
E#3

REPUBLICA DE COLOMBIA
 DEPARTAMENTO DE CAQUETA
 MUNICIPIO DE CARTAGENA
 DEL CHAIRA



PROYECTO:
 RESTAURANTE ESCOLAR
 Y MODULO EDUCATIVO

INSPECCION DE REQUISITOS DEL CADENA MUNICIPAL DE CONTROL DEL CALIDAD DE CONSTRUCCION

CONTIENE:
 ZAPATAS Y VIGAS DE CIMENTACION

OBSERVACIONES:

V.O. B.B.
 PLANIFICACION MUNICIPAL

V.O. B.B.
 PLANIFICACION MUNICIPAL

DISEÑO:
 PLANIFICACION MUNICIPAL

ESCALA:
 1:50
 FECHA:
 MAYO/2010

PLANO No:
 3 DE 7