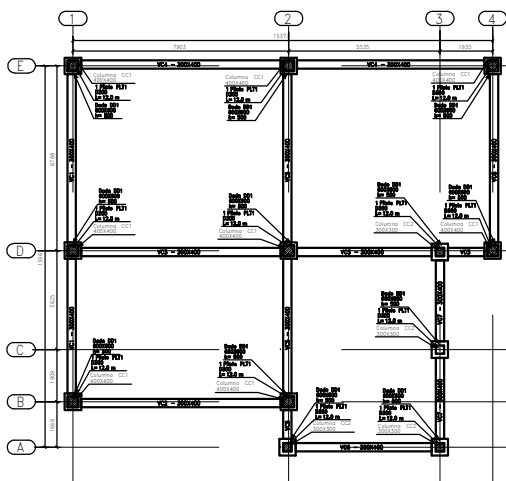
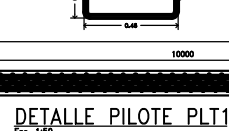
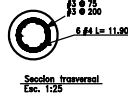
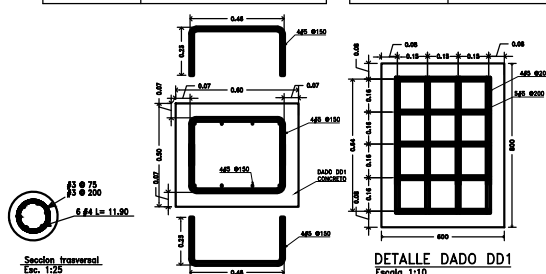
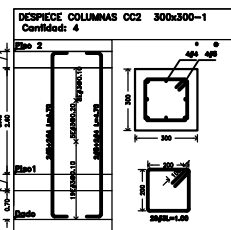
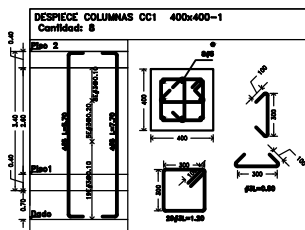
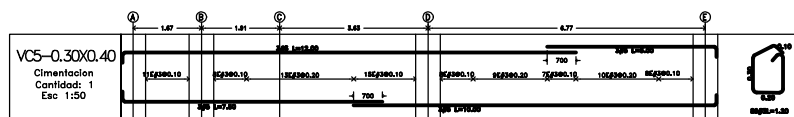
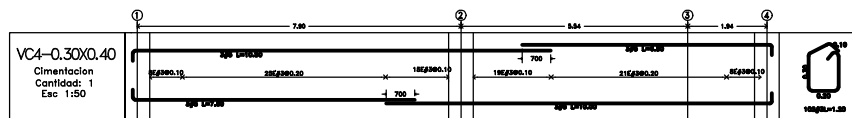
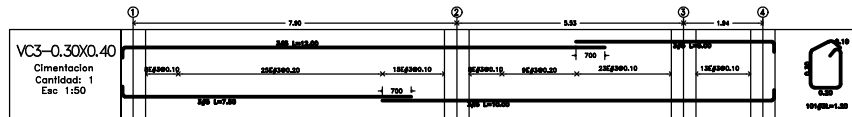
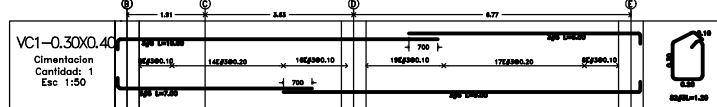
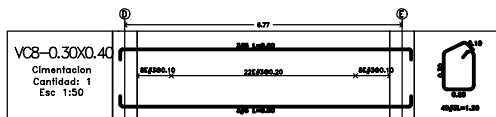
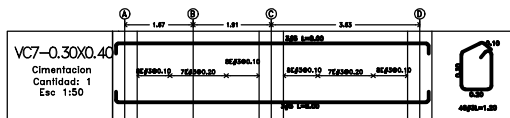
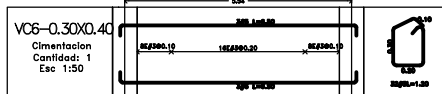
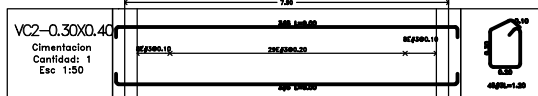




PLANTA DE PILOTES, DADOS,
COLUMNAS Y VIGAS DE CIMENTACIÓN
Esc 1:75



DETALLE DADO DD1
Escala 1:10

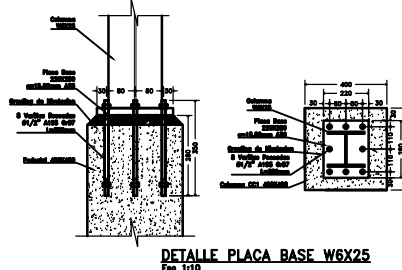
NOTAS DE CONSTRUCCIÓN PARA CIMENTACIONES

- Independientemente del espesor de llenos y restituciones en material granular, la cimentación debe desplazarse como mínimo 1.00m respecto al nivel N+0.00.
- Los refuerzos longitudinales de las vigas de enlace deben extenderse dentro de las Zapatas, y los mismos deberán terminar con gancho estando amarrados al refuerzo longitudinal de las columnas.
- Bajo todos los elementos de cimentación deben disponerse 5cm de solado de limpieza y los refuerzos deben apoyarse sobre distanciadores.
- En el momento en que el concreto vaya a ser colocado el refuerzo debe estar limpio de barro, aceite o cualquiera otra sustancia que pueda afectar la adherencia entre el acero y el concreto.

PERNOS Y PARTES ROSCADAS		
MINIMA TENSION DE INSTALACION DE PERNOS (kN)		
Tamaño mm (pulg.)	Grupo A ASTM A325	Grupo B ASTM A490
12.7 (1/2")	53	67
15.9 (5/8")	84	107
19.1 (3/4")	125	156
22.2 (7/8")	173	218
25.4 (1")	227	285
28.6 (1-1/8")	249	356

DIMENSIONES NOMINALES DE LAS PERFORACIONES				
Diámetro mm (pulg.)	Perforación Estándar mm	Perforación agrandada mm	Ranura corta Ancho x largo mm	Ranura larga Ancho x largo mm
12.7 (1/2")	14.3	15.9	14.3 x 17.5	14.3 x 31.8
15.9 (5/8")	17.5	20.6	17.5 x 22.2	17.5 x 39.7
19.1 (3/4")	20.6	23.8	20.6 x 25.4	20.6 x 47.6
22.2 (7/8")	23.8	27.0	23.8 x 28.6	23.8 x 55.6
25.4 (1")	27.0	31.8	27.0 x 33.3	27.0 x 63.5
>28.6 (1 1/8")	d+3.2	d+7.9	d+3.2 x d+9.5	d+3.2 x 2.5d
Espaciamiento mínimo entre centro de perforaciones 3 veces d				
Espaciamiento máximo entre centro de perforaciones 150 mm				

CUADRO DE GANCHOS Y TRASLAPOS		
BARRA Nro.	LONGITUD DE TRASLAPO m	Longitudes de Ganchos para Flejes a 45°
Nro 3	0.42	# 2 (1/4") 7.50 cm
Nro 4	0.56	# 3 (3/8") 7.50 cm
Nro 5	0.70	# 4 (1/2") 8.00 cm
Nro 6	0.84	Ganchos de refuerzo Principal a 90°
Nro 7	1.22	# 2 (1/4") 10.00 cm
Nro 8	1.39	# 3 (3/8") 15.00 cm
Traslapos malla electrosoldada		# 4 (1/2") 20.00 cm
Ø < 6.5mm	30 cm	# 5 (5/8") 25.00 cm
Ø = 7.0mm	35 cm	# 6 (3/4") 30.00 cm
Ø = 8.0mm	40 cm	# 7 (7/8") 35.00 cm
		# 8 (1") 40.00 cm



DETALLE PLACA BASE W6X25
Esc 1:10

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fy = 9400 MPa
fy = 9460 MPa
fy = 9520 MPa
fy = 95