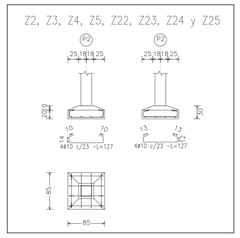
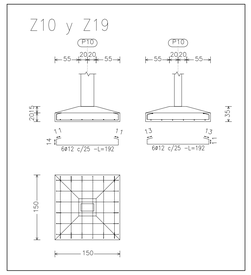
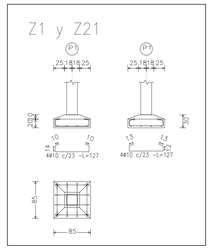
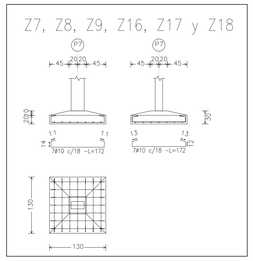
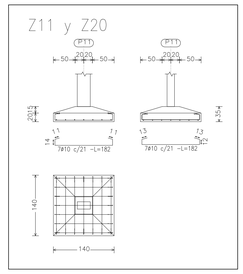
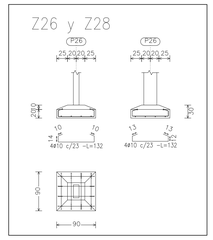


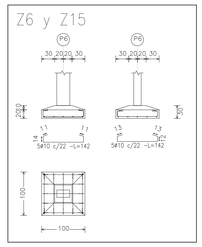








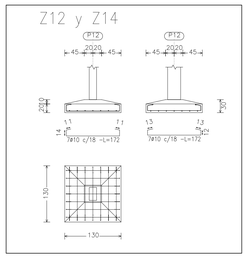


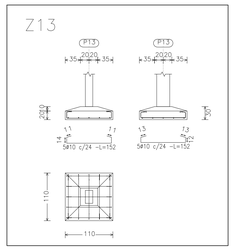


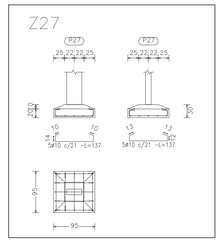
RESUMEN COMPUTO DE HIERROS			
ø	MTS.	No. BARRAS	Kgr.
10	398	34	255
12	46	4	44

Total Kgr – 299

CONSUMO DE HORMIGON EN ZAPATAS = 9.16 m3

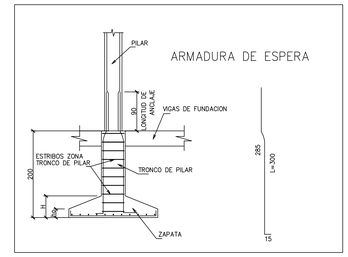


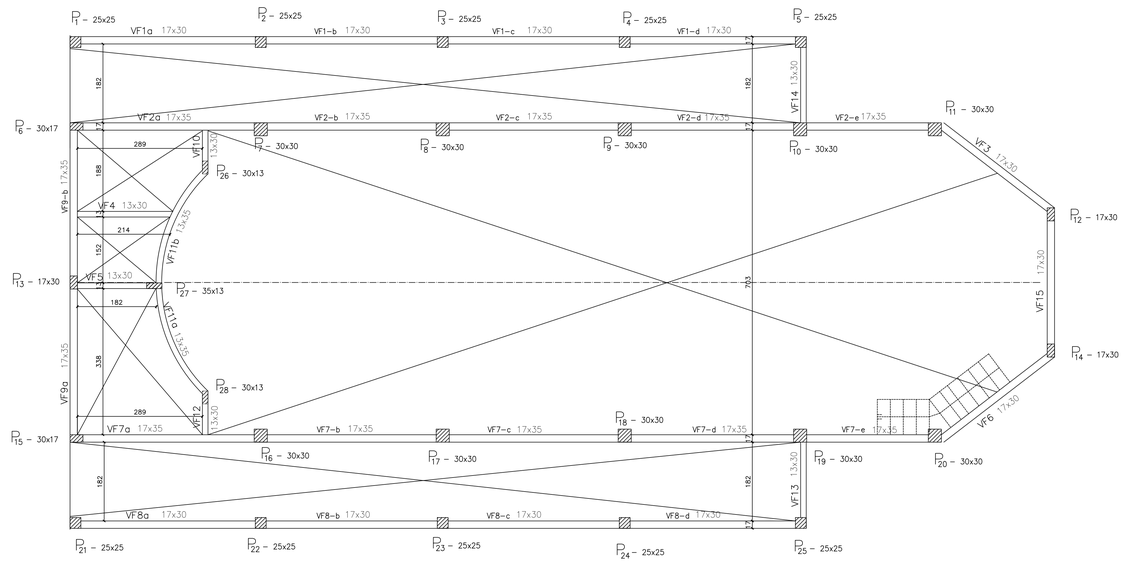




CUADRO DE ELEMENTOS DE CIMENTACIÓN				
Referencias	Dimensiones (cm)	Canto (cm)	Armado inf. X	Armado inf. Y
Z1, Z2, Z3, Z4, Z5, Z21, Z22, Z23, Z24 y Z25	85x85	30 / 20	4ø10c/23	4ø10c/23
Z6 y Z15	100x100	30 / 20	5ø10c/22	5ø10c/22
Z7, Z8, Z9, Z12, Z14, Z16, Z17 y Z18	130x130	30 / 20	7ø10c/18	7ø10c/18
Z10 y Z19	150x150	35 / 20	6ø12c/25	6ø12c/25
Z11 y Z20	140x140	35 / 20	7ø10c/21	7ø10c/21
Z13	110x110	30 / 20	5ø10c/24	5ø10c/24
Z26 y Z28	90x90	30 / 20	4ø10c/23	4ø10c/23
Z27	95x95	30 / 20	5ø10c/21	5ø10c/21

DETALLE DE ZAPATAS





PLANTA A NIVEL DE VIGAS DE FUNDACION

NOTAS:

1. LAS LONGITUDES DE LAS VARILLAS ESTAN EN CENTIMETROS, Y LOS DIAMETROS, EN MILIMETROS.
2. SE UTILIZARA ACERO DE DUREZA NATURAL CON UN LIMITE DE FLUENCIA MINIMO IGUAL A 4200 Kg/cm² .

ESTRUCTURA DE HORMIGON ARMADO

RICARDO CAZO
INGENIERO CIVIL

2D PROYECTADAS N° 1266 emj/ TTE.ROJAS SILVA
CEL: (0982) 43 86 76 – ASUNCION
cazo.ricardo@gmail.com

OBRA:	CAPILLA DEL COMANDO LOGISTICO
UBICACION:	RUTA TRANSCHACO KM.13.5
DESCRIPCION:	DETALLE DE ZAPATAS PLANTA A NIVEL DE VIGAS DE FUNDACION

	FECHA	ESCALA	LAMINA No.
fck = 180 Kg/cm² fyk = 4200 Kg/cm²	MAYO 2016	1/50	E01