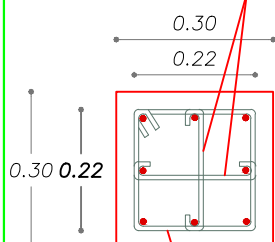
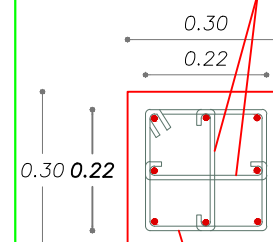
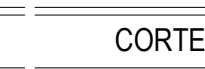
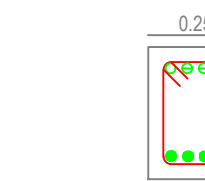
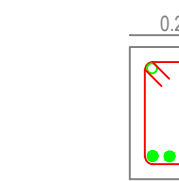
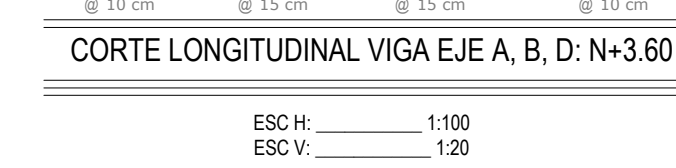
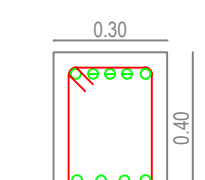
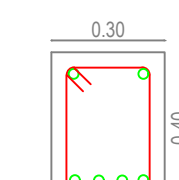
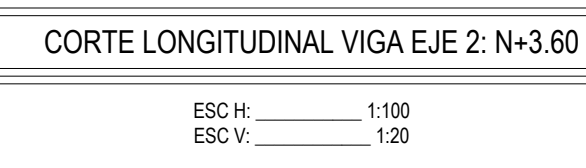
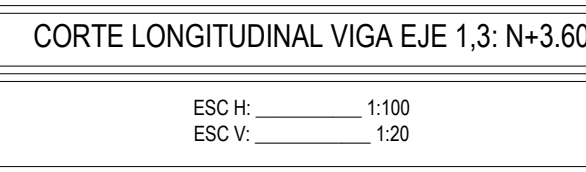
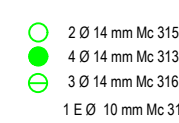
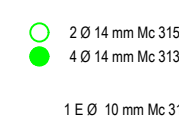
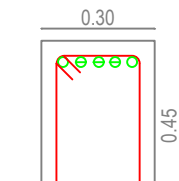
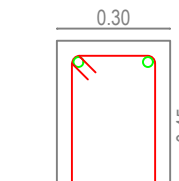
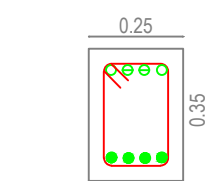
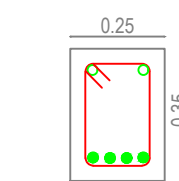




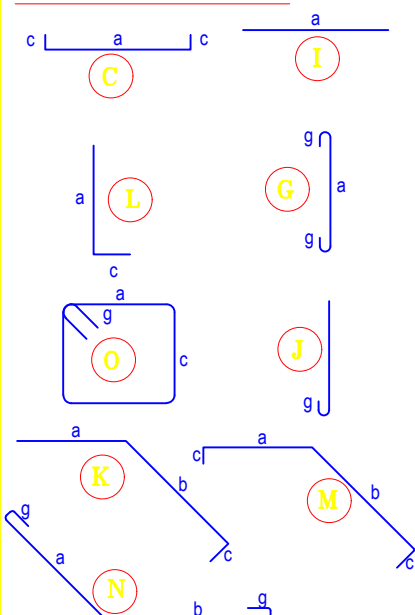
TIPO NIVEL	Col. tipo 1	TIPO NIVEL	Col. tipo 2
N +3.60	<p>e ø 10 @ 0.10 y 0.15 Mc 204</p> 	N +2.75	<p>e ø 10 @ 0.10 y 0.15 Mc 203</p> 
N +0.40	<p>e ø 10 @ 0.10 y 0.15 Mc 203</p> <p>• ø 8 12 Mc 201</p> <p>A1 B1 C1 D1 A2 B2 D2 A3 B3 C3 D3</p>	N +0.40	<p>e ø 10 @ 0.10 y 0.15 Mc 202</p> <p>• ø 12 Mc 202</p> <p>A4 B4 C4</p>
N +-0.00		N +-0.00	
N -0.40		N -0.40	
N -1.32		N -1.32	

VIGAS										
301	12	G	12	6.07	-	2 * 0.10	6.27	75.24	0.888	66.81
302	14	C	11	1.80	2 * 0.10	-	2.10	23.1	1.208	27.90
303	14	C	7	11.42	2 * 0.10	-	11.72	82.04	1.208	99.10
304	8	B	8	2.30	2 * 0.10	-	2.60	20.80	1.208	25.13
305	14	C	3	2.80	2 * 0.10	-	2.60	7.80	1.208	9.42
306	14	C	3	1.30	2 * 0.10	-	2.10	6.30	1.208	7.61
307	10	O	362	2 * 0.12	0.27	2 * 0.10	1.08	993.96	0.617	281.22
308	81	2	81	2 * 0.2	0.32	2 * 0.10	1.20	103.68	0.617	43.67
309	12	G	12	6.16	-	2 * 0.10	7.66	91.92	0.888	81.62
310	14	C	6	2.44	2 * 0.10	-	2.74	16.44	1.208	19.86
311	14	C	6	7.81	2 * 0.10	-	8.11	46.66	1.208	56.86
312	14	C	6	1.80	2 * 0.10	-	4.10	24.60	1.208	27.92
313	14	C	4	7.46	2 * 0.10	2 * 0.10	7.86	31.44	1.208	37.98
314	14	C	3	2.29	2 * 0.10	-	3.09	9.27	1.208	11.06
315	12	G	2	0.24	0.10	-	8.17	16.2	1.208	19.63
316	14	C	3	2.80	2 * 0.10	-	3.10	9.3	1.208	11.23
317	10	O	59	2 * 0.22	2 * 0.37	2 * 0.10	1.38	81.42	0.617	50.24
LOSA										
401	12	C	67	11.50	2 * 0.1	-	11.70	783.9	0.888	696.10
402	12	C	99	7.90	2 * 0.1	-	8.10	801.9	0.888	712.09
403	12	C	50	1.90	2 * 0.1	-	2.10	10.5	0.888	93.4
404	12	C	50	0.1	0.1	-	2.90	10.9	0.888	88.6
405	12	C	70	1.40	2 * 0.1	-	1.60	8.0	0.888	71.04
406	12	C	70	1.65	2 * 0.1	-	1.85	12.95	0.888	115.00
407	12	C	70	1.80	2 * 0.1	-	2.00	16.0	0.888	128.32



1. LA RESISTENCIA CILÍNDRICA DEL HORMIGÓN SERÁ $f_c = 210 \text{ kg/cm}^2$ A LOS 28 DÍAS.
2. LA RESISTENCIA A LA FLUENCIA DE LAS VARILLAS CORRUGADAS SERÁ $f_y = 4\,200 \text{ kg/cm}^2$.
3. LOS RECUBRIMIENTOS EN HIERROS SERÁN DE 4.00 cm (MEDIDOS DESDE EL CENTRO DE LA VARILLA) PARA LAS VIGAS Y COLUMNAS.
4. EL RECUBRIMIENTO EN PLINTOS ES 8 cm
5. EL CONSTRUCTOR SE REGIRÁ A TODAS LAS NORMAS DICTADAS POR EL INEN Y LA NORMA ECUATORIANA DE LA CONSTRUCCIÓN (NEC-15).
6. REVISAR DEMÁS ESPECIFICACIONES EN LA MEMORIA DE CÁLCULO


HIERROS



Este documento es propiedad de MAG.
No debe compartirse con terceros sin
la aprobación escrita de MAG.



FILE NAME NUEVA ARMERÍA PATUCA.dwg	
Date DWG:	By:
Date Verification:	By:
Date Approval:	By:

es  MAG International, WAM Project

PROPUESTA MEJORA OBRA CIVIL