

This is a detailed architectural floor plan of a building, oriented horizontally. The plan is defined by a grid system with vertical lines labeled 9, 10, 11, 12, 13, 15, 17, 18, 19, and 20' at the bottom, and horizontal lines labeled U, S, Q, P, O, N, M, L, K', J, and I on the left and right sides. Dimensions are provided in centimeters (cm) along the grid lines.

The plan shows a complex layout of walls, columns, and beams. Key structural elements include:

- Walls:** Labeled with "CAD-DINTEL 15/60" and "Ab. 15 cm".
- Columns:** Labeled with "P1 15/20", "P2 15/25", "P3 15/45", "P4 20/20", "P5 30/30", "P6 15/30", "P7 15/40", "P8 30/30", "P9 30/30", "P10 30/30", "P11 30/30", "P12 30/30", "P13 30/30", "P14 30/30", "P15 30/30", "P16 30/30", "P17 30/30", "P18 30/30", "P19 30/30", "P20 30/30", "P21 30/30", "P22 30/30", "P23 30/30", "P24 30/30", "P25 30/30", "P26 30/30", "P27 30/30", "P28 30/30", "P29 30/30", "P30 30/30", "P31 30/30", "P32 30/30", "P33 30/30", "P34 30/30", "P35 30/30", "P36 30/30", "P37 30/30", "P38 30/30", "P39 30/30", "P40 30/30", "P41 30/30", "P42 30/30", "P43 30/30", "P44 30/30", "P45 30/30", "P46 30/30", "P47 30/30", "P48 30/30", "P49 30/30", "P50 30/30", "P51 30/30", "P52 30/30", "P53 30/30", "P54 30/30", "P55 30/30", "P56 30/30", "P57 30/30", "P58 30/30", "P59 30/30", "P60 30/30", "P61 30/30", "P62 30/30", "P63 30/30", "P64 30/30", "P65 30/30", "P66 30/30", "P67 30/30", "P68 30/30", "P69 30/30", "P70 30/30", "P71 30/30", "P72 30/30", "P73 30/30", "P74 30/30", "P75 30/30", "P76 30/30", "P77 30/30", "P78 30/30", "P79 30/30", "P80 30/30", "P81 30/30", "P82 30/30", "P83 30/30", "P84 30/30", "P85 30/30", "P86 30/30", "P87 30/30", "P88 30/30", "P89 30/30", "P90 30/30", "P91 30/30", "P92 30/30", "P93 30/30", "P94 30/30", "P95 30/30", "P96 30/30", "P97 30/30", "P98 30/30", "P99 30/30", "P100 30/30", "P101 30/30", "P102 30/30", "P103 30/30", "P104 30/30", "P105 30/30", "P106 30/30", "P107 30/30", "P108 30/30", "P109 30/30", "P110 30/30", "P111 30/30", "P112 30/30", "P113 30/30", "P114 30/30", "P115 30/30", "P116 30/30", "P117 30/30", "P118 30/30", "P119 30/30", "P120 30/30", "P121 30/30", "P122 30/30", "P123 30/30", "P124 30/30", "P125 30/30", "P126 30/30", "P127 30/30", "P128 30/30", "P129 30/30", "P130 30/30", "P131 30/30", "P132 30/30", "P133 30/30", "P134 30/30", "P135 30/30", "P136 30/30", "P137 30/30", "P138 30/30", "P139 30/30", "P140 30/30", "P141 30/30", "P142 30/30", "P143 30/30", "P144 30/30", "P145 30/30", "P146 30/30", "P147 30/30", "P148 30/30", "P149 30/30", "P150 30/30", "P151 30/30", "P152 30/30", "P153 30/30", "P154 30/30", "P155 30/30", "P156 30/30", "P157 30/30", "P158 30/30", "P159 30/30", "P160 30/30", "P161 30/30", "P162 30/30", "P163 30/30", "P164 30/30", "P165 30/30", "P166 30/30", "P167 30/30", "P168 30/30", "P169 30/30", "P170 30/30", "P171 30/30", "P172 30/30", "P173 30/30", "P174 30/30", "P175 30/30", "P176 30/30", "P177 30/30", "P178 30/30", "P179 30/30", "P180 30/30", "P181 30/30", "P182 30/30", "P183 30/30", "P184 30/30", "P185 30/30", "P186 30/30", "P187 30/30", "P188 30/30", "P189 30/30", "P190 30/30", "P191 30/30", "P192 30/30", "P193 30/30", "P194 30/30", "P195 30/30", "P196 30/30", "P197 30/30", "P198 30/30", "P199 30/30", "P200 30/30", "P201 30/30", "P202 30/30", "P203 30/30", "P204 30/30", "P205 30/30", "P206 30/30", "P207 30/30", "P208 30/30", "P209 30/30", "P210 30/30", "P211 30/30", "P212 30/30", "P213 30/30", "P214 30/30", "P215 30/30", "P216 30/30", "P217 30/30", "P218 30/30", "P219 30/30", "P220 30/30", "P221 30/30", "P222 30/30", "P223 30/30", "P224 30/30", "P225 30/30", "P226 30/30", "P227 30/30", "P228 30/30", "P229 30/30", "P230 30/30", "P231 30/30", "P232 30/30", "P233 30/30", "P234 30/30", "P235 30/30", "P236 30/30", "P237 30/30", "P238 30/30", "P239 30/30", "P240 30/30", "P241 30/30", "P242 30/30", "P243 30/30", "P244 30/30", "P245 30/30", "P246 30/30", "P247 30/30", "P248 30/30", "P249 30/30", "P250 30/30", "P251 30/30", "P252 30/30", "P253 30/30", "P254 30/30", "P255 30/30", "P256 30/30", "P257 30/30", "P258 30/30", "P259 30/30", "P260 30/30", "P261 30/30", "P262 30/30", "P263 30/30", "P264 30/30", "P265 30/30", "P266 30/30", "P267 30/30", "P268 30/30", "P269 30/30", "P270 30/30", "P271 30/30", "P272 30/30", "P273 30/30", "P274 30/30", "P275 30/30", "P276 30/30", "P277 30/30", "P278 30/30", "P279 30/30", "P280 30/30", "P281 30/30", "P282 30/30", "P283 30/30", "P284 30/30", "P285 30/30", "P286 30/30", "P287 30/30", "P288 30/30", "P289 30/30", "P290 30/30", "P291 30/30", "P292 30/30", "P293 30/30", "P294 30/30", "P295 30/30", "P296 30/30", "P297 30/30", "P298 30/30", "P299 30/30", "P300 30/30", "P301 30/30", "P302 30/30", "P303 30/30", "P304 30/30", "P305 30/30", "P306 30/30", "P307 30/30", "P308 30/30", "P309 30/30", "P310 30/30", "P311 30/30", "P312 30/30", "P313 30/30", "P314 30/30", "P315 30/30", "P316 30/30", "P317 30/30", "P318 30/30", "P319 30/30", "P320 30/30", "P321 30/30", "P322 30/30", "P323 30/30", "P324 30/30", "P325 30/30", "P326 30/30", "P327 30/30", "P328 30/3

Diagram of a rectangular column cross-section. The section is 13 inches wide and 17 inches high. It features 2 #12 reinforcement bars on each of the four sides. The effective depth is 15 inches, and the clear height is 70 inches. The reinforcement is labeled as 2 #12.

Figure 10.10 shows the reinforcement details for a rectangular column. The main diagram illustrates a column with a width of 15 cm and a height of 25 cm. It is reinforced with 2 Ø 12 bars at the top and bottom, and 2 Ø 8 bars as lateral bars. A detail view on the right shows a corner joint with dimensions 13 cm, 23 cm, and 4 cm, and a note 'EST. Ø 8 @ 15, L=80'.

Diagram of a rectangular column cross-section and elevation. The cross-section is 15 cm wide and 45 cm high. It features 2 Ø 16 bars at the top and bottom, and 4 Ø 10 bars in the center. The elevation shows a 13x13 cm square core with 5 mm spacing, and a total width of 42 cm and height of 42 cm.

EST. Ø 8 @ 15, L=80

4 Ø 16

20 cm

20 cm

17 6 17 17

Technical drawing of a rectangular plate with the following specifications:

- Overall width: 15 cm
- Overall height: 40 cm
- Top and bottom edges: 2 Ø 12
- Left edge: Lat. 4 Ø 10
- Right edge: EST. Ø 8 @ 15, L=120
- Internal dimensions on the right: 13, 15, 5, 37, 37, 13

Technical drawing of a square plate. The plate has a side length of 30 cm. A hole with a diameter of 8 mm is located at the top-left corner. The distance from the hole to the top edge is 30 mm, and the distance from the hole to the left edge is 27 mm. The plate is shown in a perspective view with a top view and a side view. The top view shows the square plate with the hole and the dimensions. The side view shows the plate's thickness of 6 mm. The text "EST. Ø 8 @ 15, L=120" is written above the top view.

Technical drawing of a rectangular frame. The overall dimensions are 15 cm in width and 60 cm in height. The frame consists of four vertical bars (4 LAT. Ø 8) and two horizontal bars (2 Ø 12). The drawing also shows a detail of the corner joint with dimensions 13, 5, 5, 57, and 13.

Technical drawing of a rectangular plate with the following specifications:

- Overall width: 15 cm
- Overall height: 60 cm
- Reinforcement: 2 Ø 16 (top and bottom), 4 LAT. Ø 8 (vertical)
- Reference: Ref. Apoyo Ver planta
- EST. Ø 6 @ 15, L=150
- Side view dimensions: 57 (height), 13 (width), 5 (flange width)

A.- ACERO PARA HORMIGON ARMADO, SE EMPLEARA A4-2BH, CON RESALTES.

B.- ACERO ESTRUCTURAL SE EMPLEARA A37-24S.

C.- HORMIGONES:

C.1.- HORMIGON ARMADO H65.

C.2.- HORMIGON EMPALMANTADO 170 KC/M3.

D.- MADRAS PISO INSIGNE, HUMEDAD RELATIVA IGUAL O MENOR AL 16%.

E.- CUBIERTAS INSTAPANEL PV-4 PREPINTADO.

F.- ALBAÑILERIA DE LADRILLO HECHO A MAQUINA (TIPO PRINCESA).

G.- MORTERO DE PEGA ALBAÑILERIA R280-80 KF/C42.

H.- DEBERAN RESPETARSE TODAS LAS NORMAS EN VIGENTES RELATIVAS A: CEMENTO, AGREGADO PARA HORMIGON, HORMIGONES, HORMIGON ARMADO, ACERO, LADRILLO, ARCILLOS, MADRAS, ELECCION ESTRUCTURAS DE ACERO, ELECTRODOS, CLASIFICACION DE SOLDADOR Y CONTROL DE CALIDAD.

I.- ESCALERILLA ACIMA 4.2 CADA 5 HILADAS.

PROYECTO:		ESCUELA MUNICIPAL BASICA CUYUNCAMI		LAMINA N°	
PROPIETARIO:		I. MUNICIPALIDAD DE CURACAVI		14	
DIRECCION:		CALLE LOS PATRIOTOS CON JAVIERA CARRERA			
CONTENIDO:		PLANTA DE ESTRUCTURA SEGUNDO PISO, SECTOR 2, ESC. 1-50		DE	
CALCULO RACION DE AGUA ING. CIVIL	REVISO	DIBUJO	MODIFICACIONES		
		R.V.U.			