

SECRETARIA DE INFRAESTRUTURA URBANA		
EMPREENDIMENTO: OBRA DE ARTE ESPECIAL E READEQUAÇÃO DO SISTEMA VIÁRIO		
TÍTULO: PROJETO EXECUTIVO – OBRA DE ARTE ESPECIAL		
ARMADURA		
PILARES P4 A P6 – MÓDULO 4 – ENCONTRO 4 (RAMO 2000)		
ESCALA:	NÚMERO CLIENTE:	REV:
INDICADA	I-OAESV-X-R2/16-520-IV	2

Diagram illustrating the cross-section of a beam with a central square hole. The outer square has a side length of  $4N7$ . The inner square hole has a side length of  $2N8$ . The distance from the center of the hole to the outer edge is  $2N8$ . The diagram is labeled *DIR. TRANSVERSAL* and *DIR. LONGITUDINAL*. To the right, a smaller square is shown with a side length of  $34$  and a label  $12N4 - \varnothing 8 C= 160$ .

RESUMO AÇO CA-50		
Ø	COMPRIMENTO ( m )	PESO ( Kg )
8	59.20	24
20	112.92	282
25	57.52	230
TOTAL		536