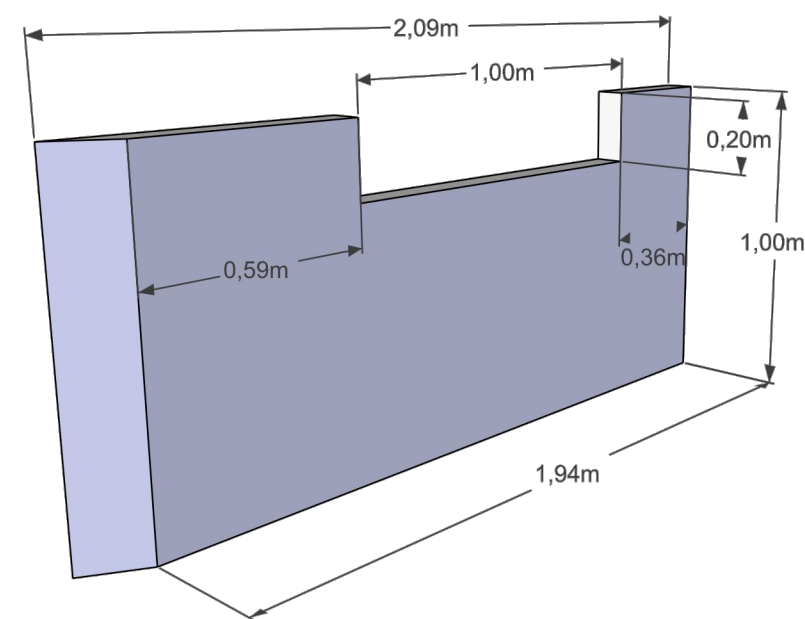
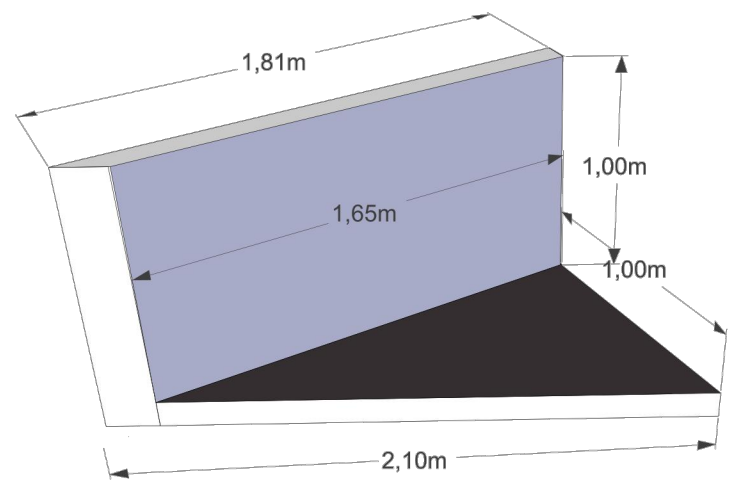


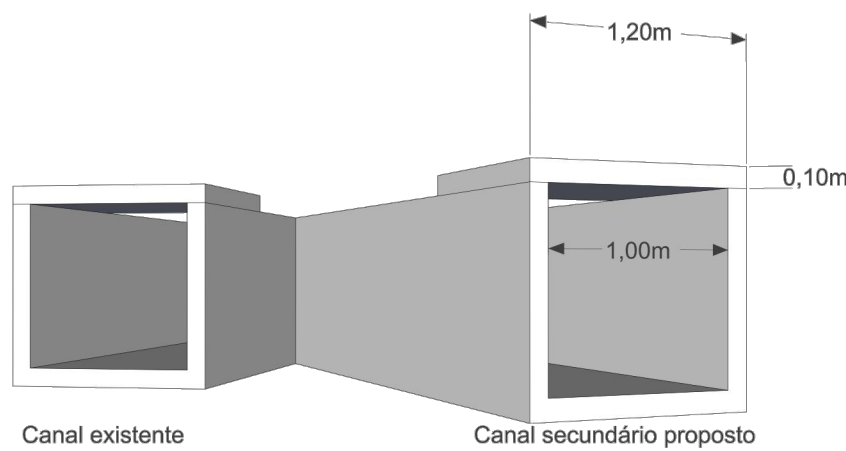
P7 - PORMENOR CONSTRUTIVO DE ABERTURA E DESVIO DE CANALIZAÇÃO EXISTENTE PARA CIRCULAÇÃO À SUPERFÍCIE DA RIBEIRA



PORMENOR PEÇA

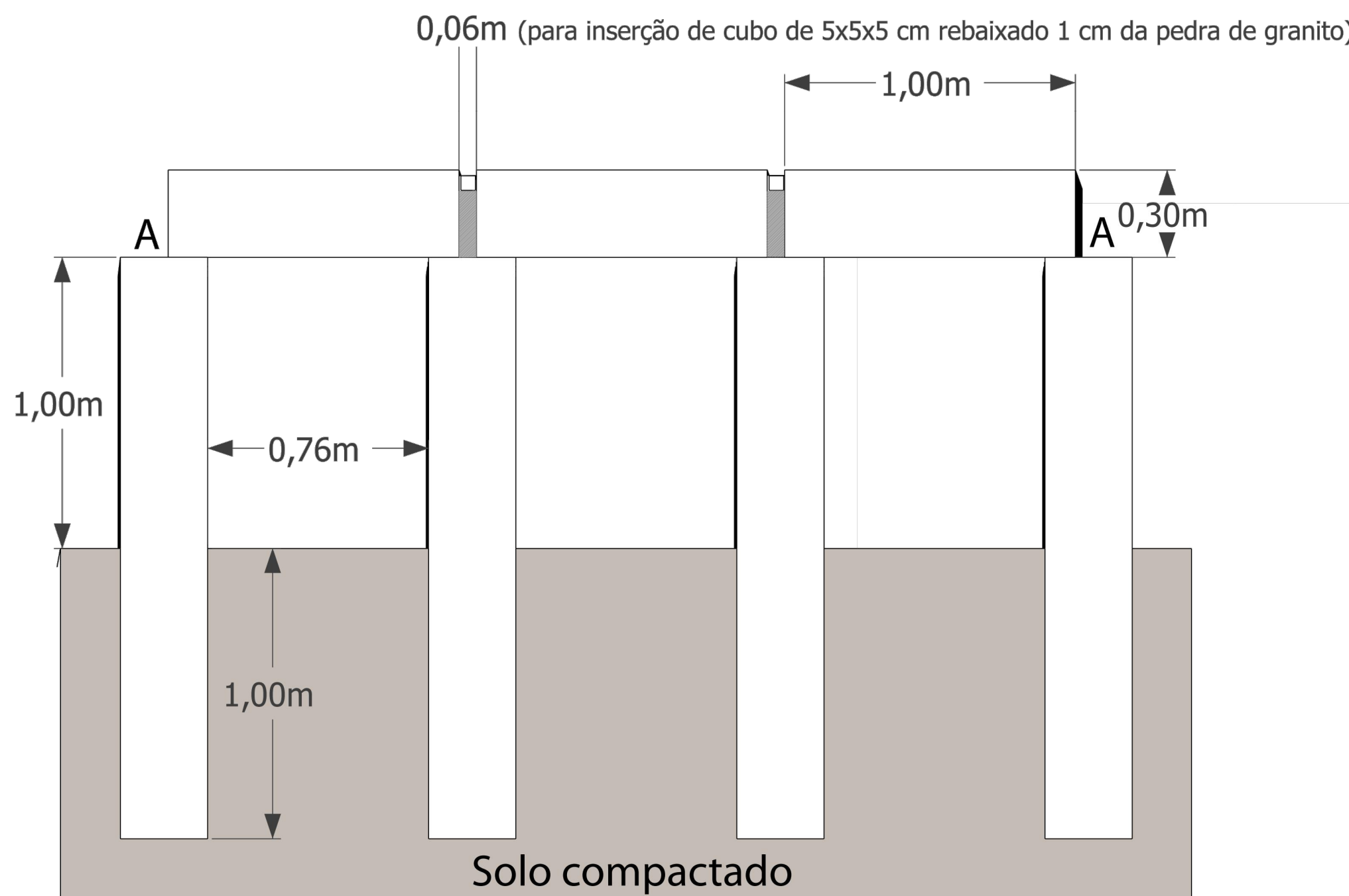


PORMENOR PEÇA

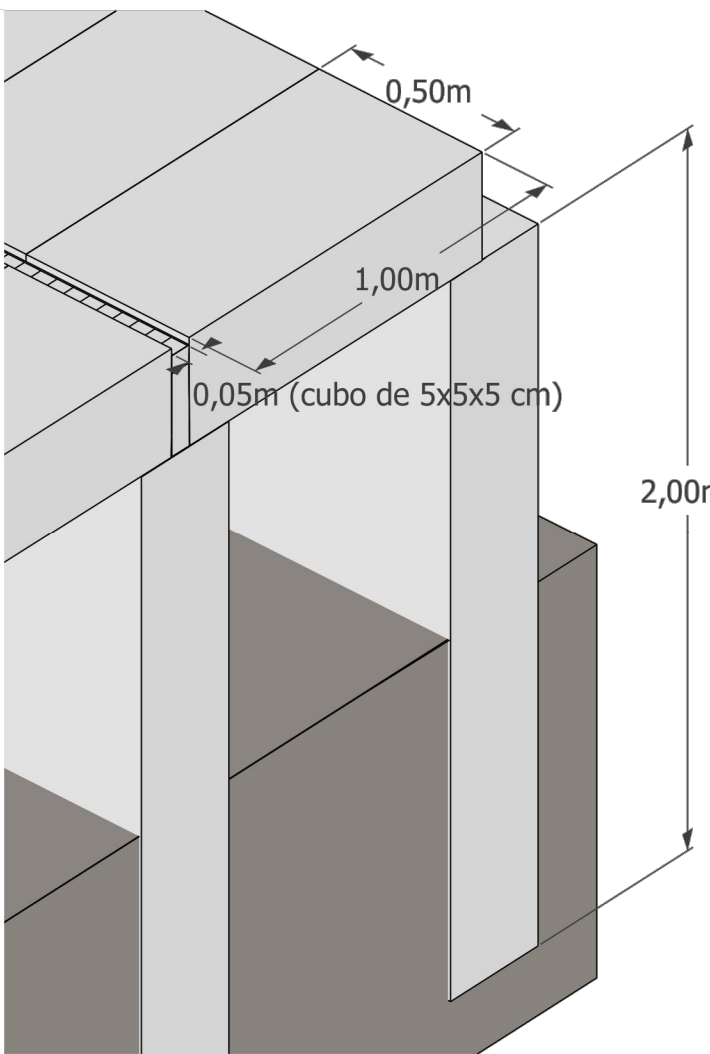


PORMENOR CANAL PROPOSTO

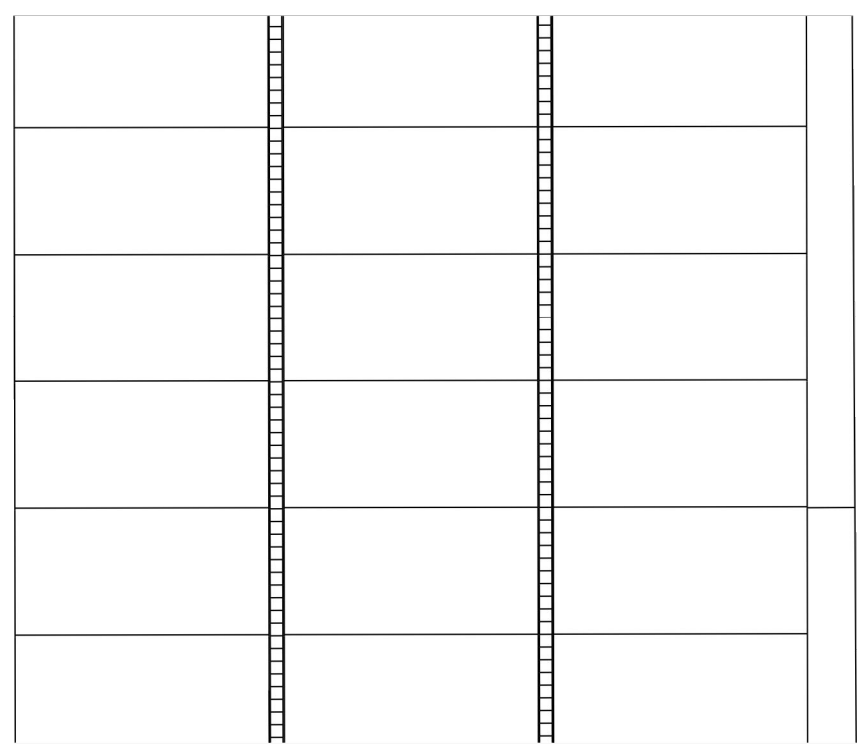
P9 - PORMENOR PONTE PEDONAL PROPOSTA



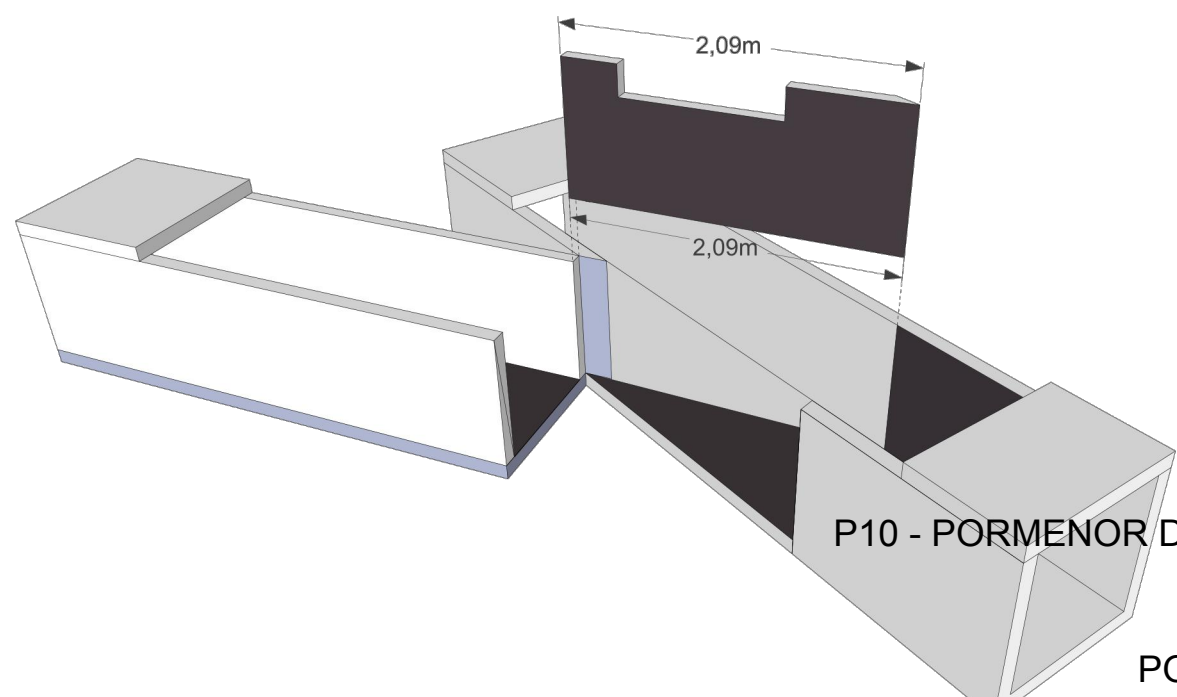
A-Zona de encaixe de pavimento e respetivas guias



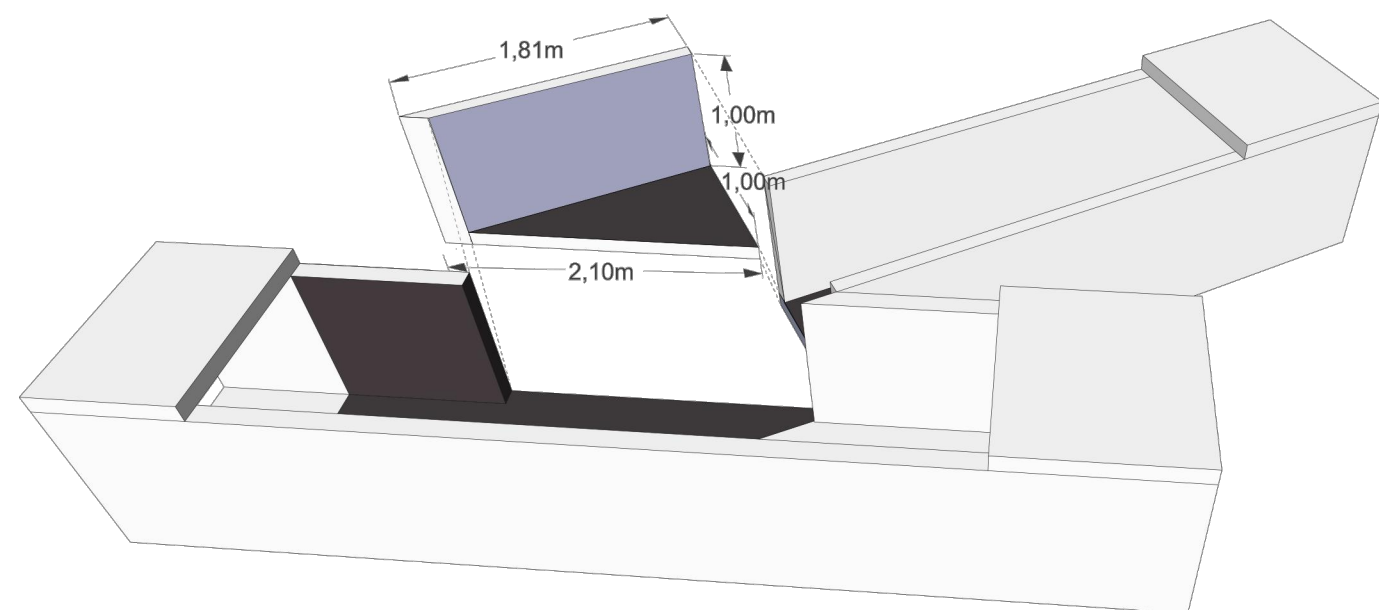
Vista de topo



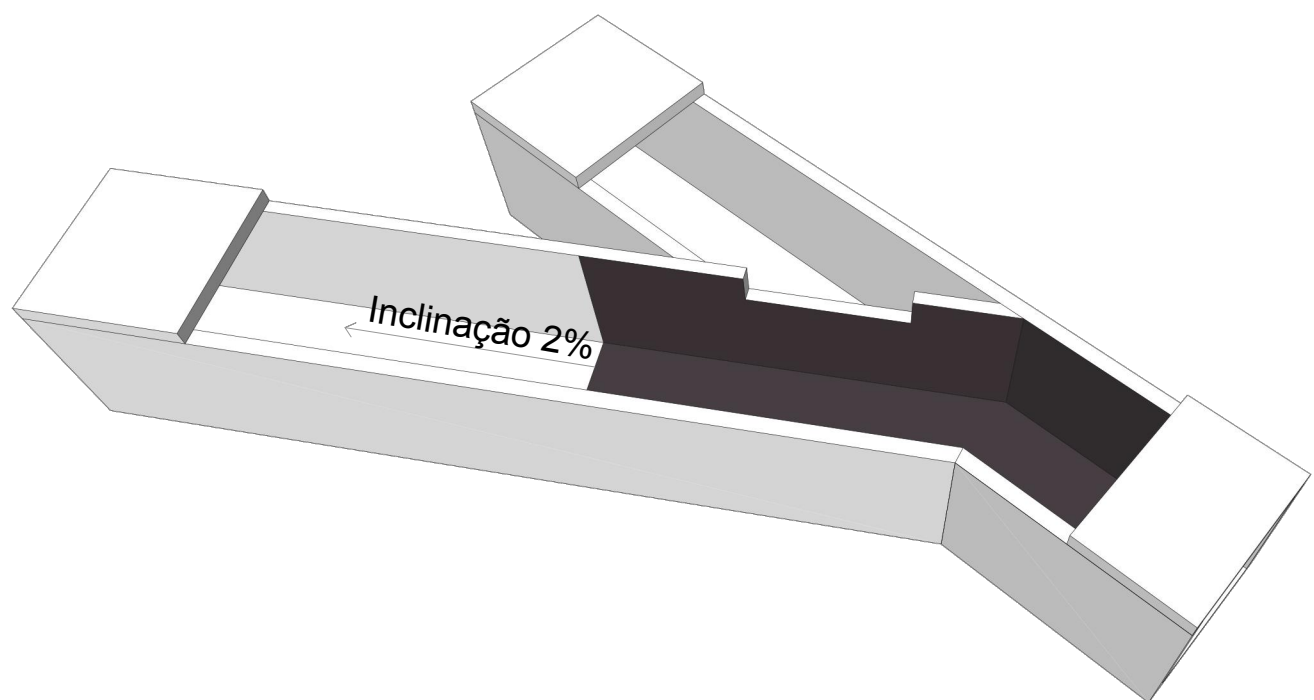
P10 - PORMENOR DE BALIZAS AMOVÍVEIS PARA CAMPO DE JOGOS



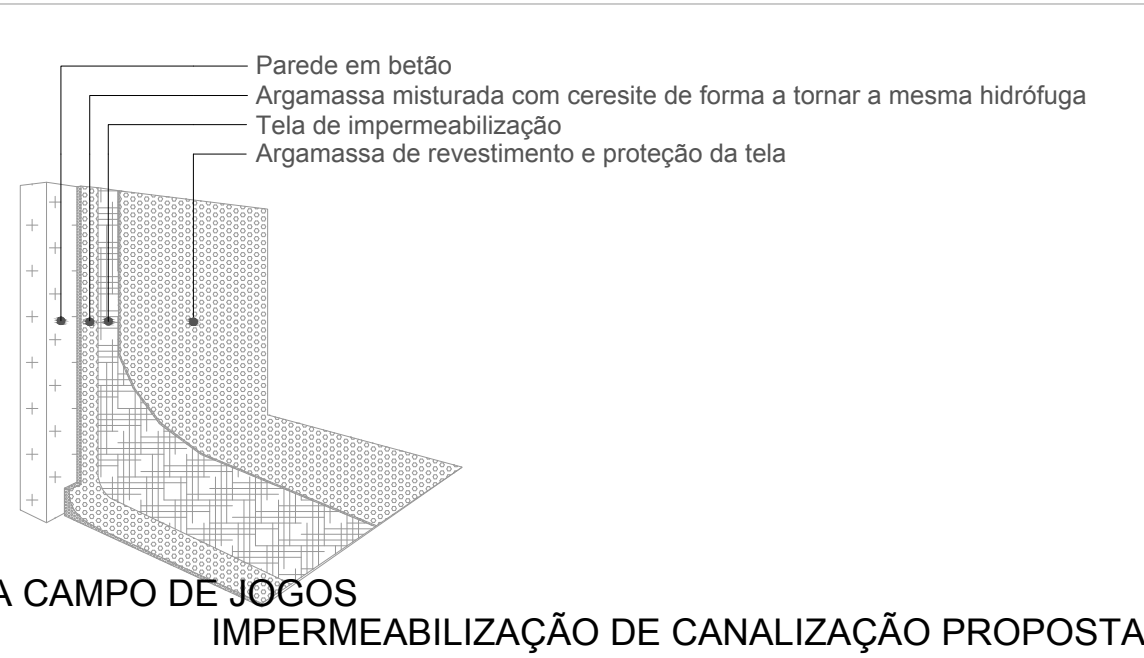
PORMENOR ENCAIXE PEÇA



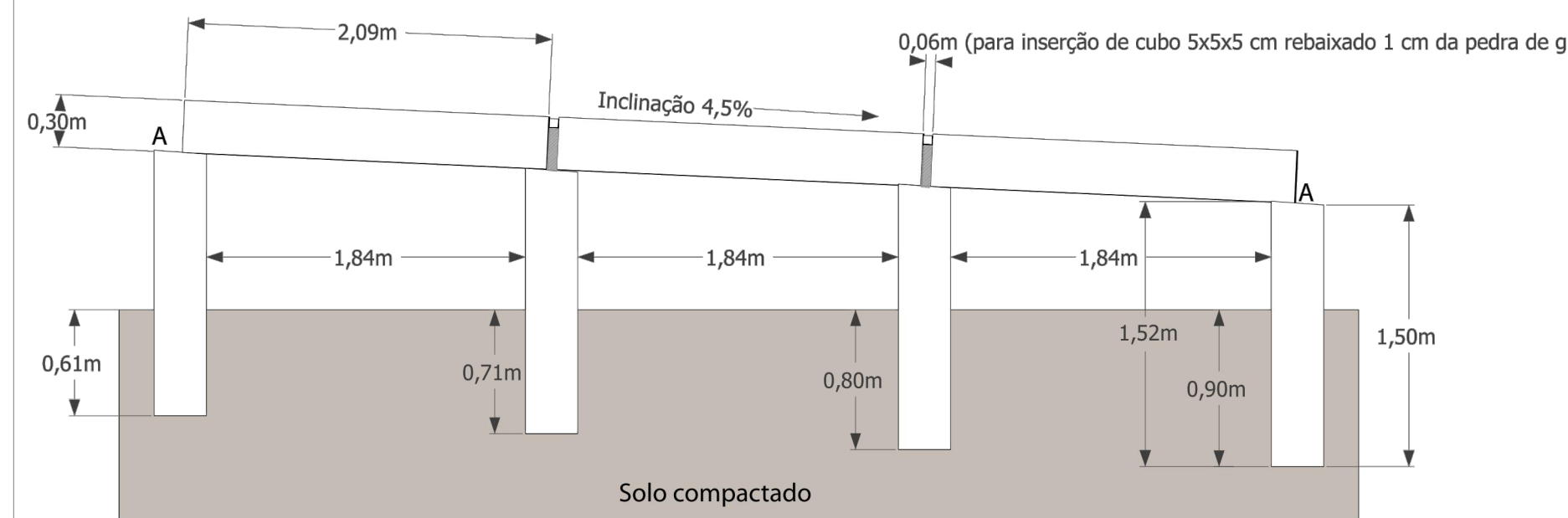
PORMENOR ENCAIXE PEÇA



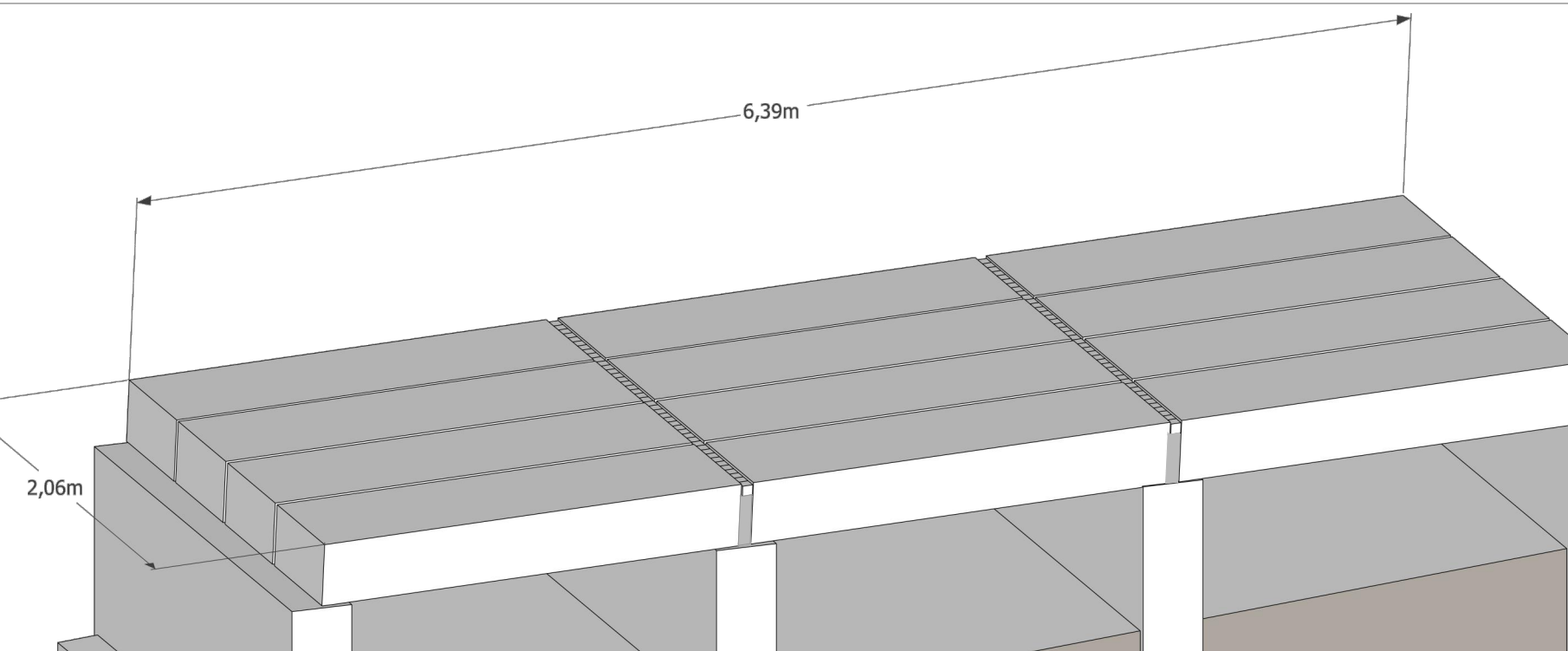
CANAL PROPOSTO FINAL



P8 - PORMENOR PONTE PEDONAL PROPOSTA

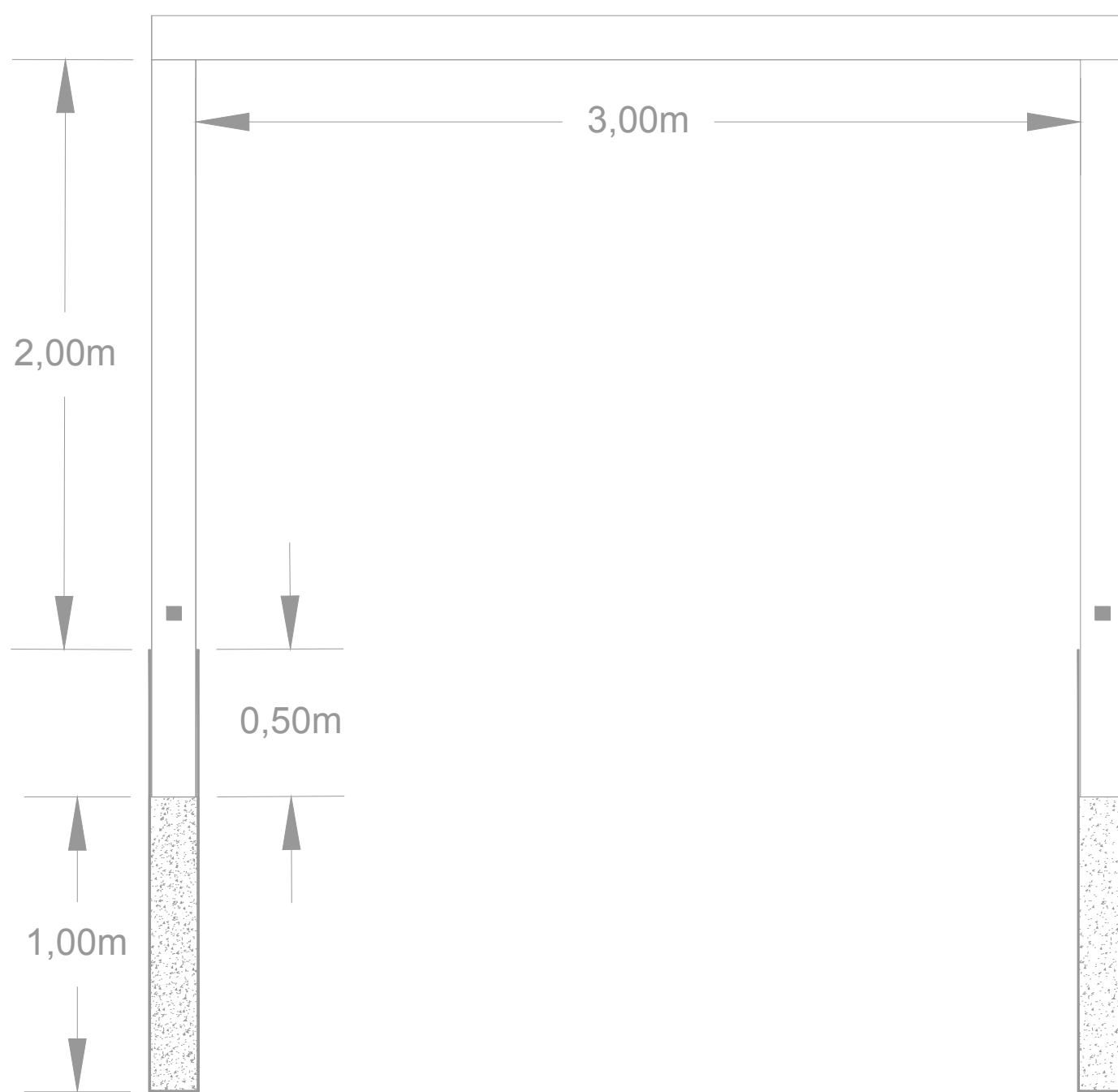


A-Zona de encaixe de pavimento e respetivas guias

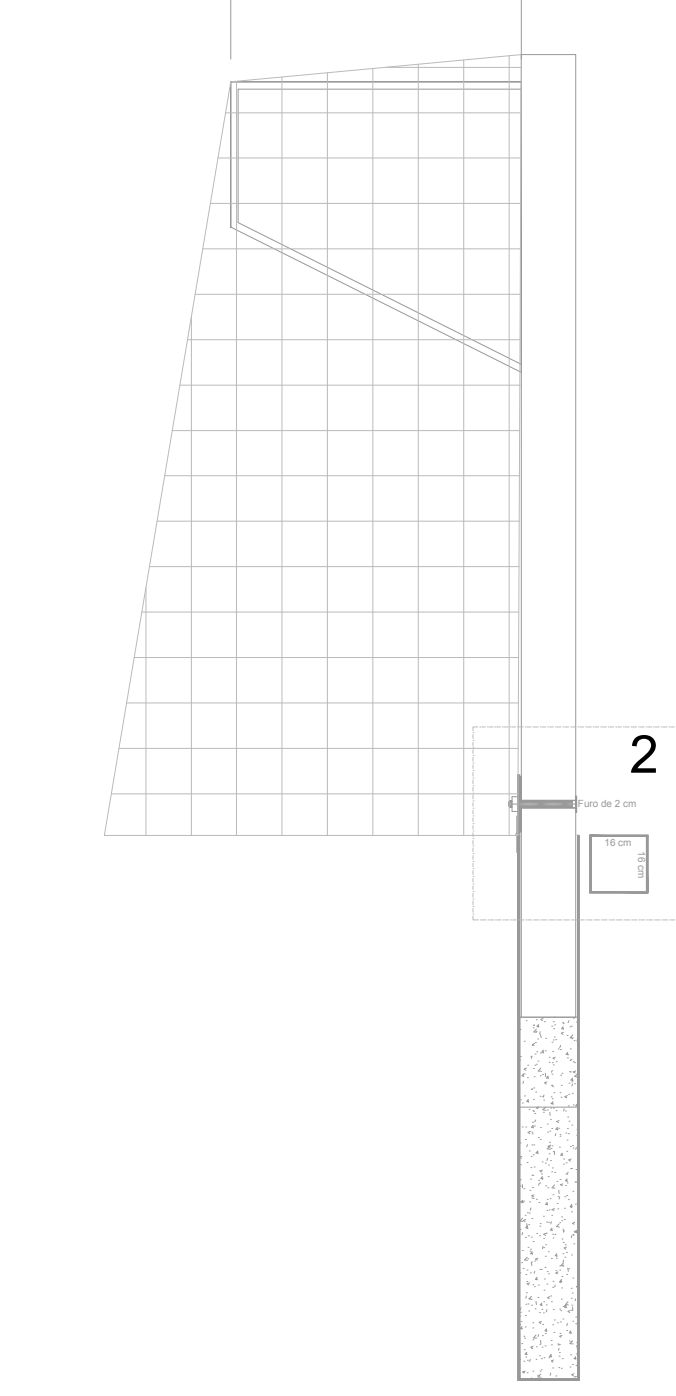


P10 - PORMENOR DE BALIZAS AMOVÍVEIS PARA CAMPO DE JOGOS

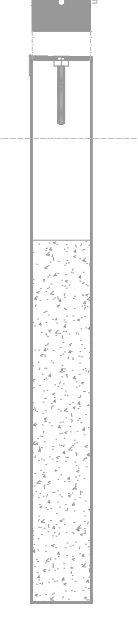
Vista frontal



Vista lateral



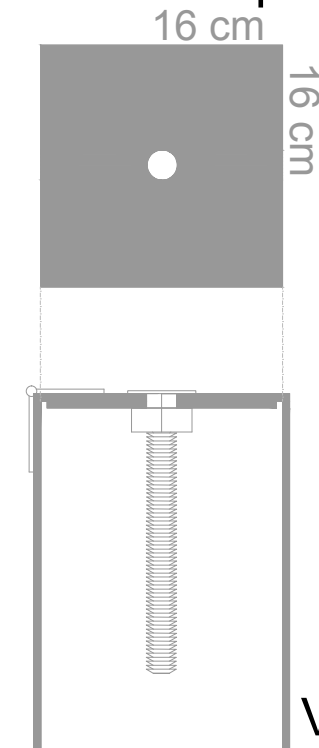
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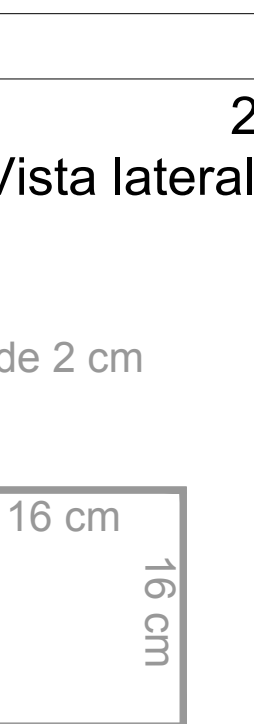
1-Sistema de tampa fechado

2-Sistema de tampa para suporte

Vista de topo



Vista lateral



Vista de topo



Secção do tubo



LEGENDA

- Pormenor 7 - Estrutura para desvio e circulação à superfície da ribeira canalizada
- Pormenor 8 - Ponte pedonal proposta
- Pormenor 9 - Ponte pedonal proposta
- Pormenor 10 - Baliza amovível e estrutura de suporte

PORMENORES SEM ESCALA

UNIVERSIDADE DO PORTO
PARQUE DO CAMPUS UNIVERSITÁRIO DA ASPRELA
PORMENORES CONSTRUTIVOS 2
ÁREA NASCENTE
PORTO, JUNHO 2012