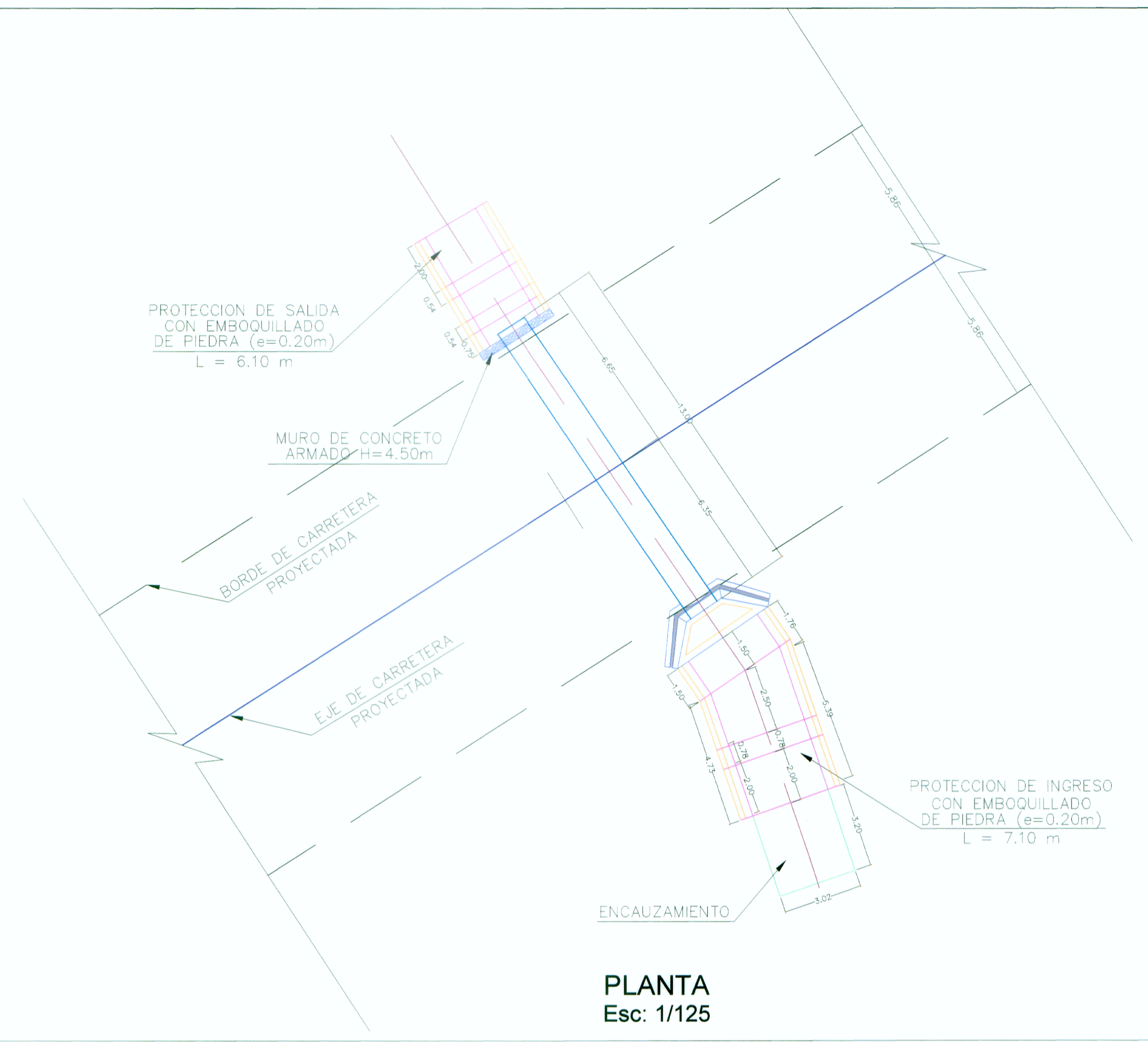
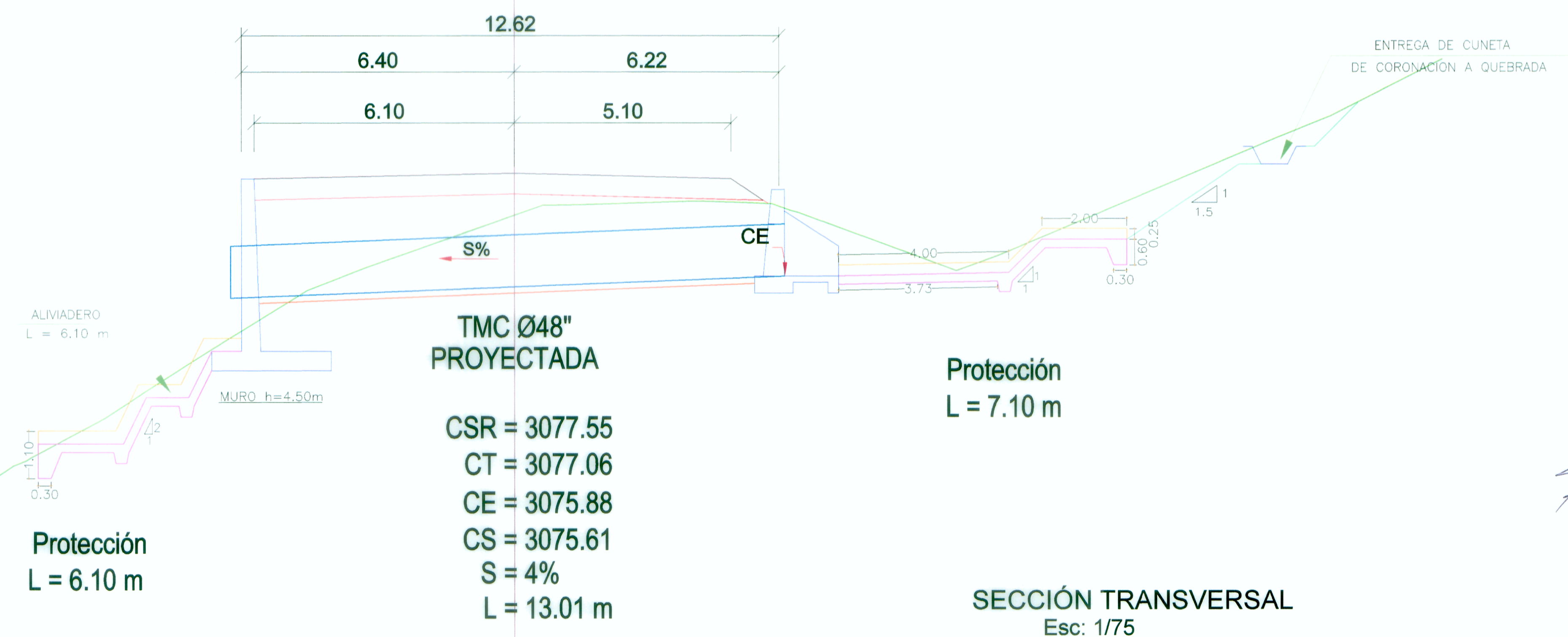


**UBICACIÓN**  
Esc: 1/400



**PLANTA**  
Esc: 1/125

Km = 4+162



**TMC Ø48" PROYECTADA**

CSR = 3077.55  
CT = 3077.06  
CE = 3075.88  
CS = 3075.61  
S = 4%  
L = 13.01 m

**Protección**  
L = 7.10 m

**SECCIÓN TRANSVERSAL**  
Esc: 1/75

*Ing. Leonardo Castillo Navarro*  
ING. LEONARDO CASTILLO NAVARRO  
INGENIERO HIDRÓLOGO E HIDRÁULICO  
CIP-87802

*Ing. Fernando Massa Silva*  
WINROD CONSULTING S.A.C.  
Ing. Fernando MASSA SILVA  
Ingeniero Civil  
CIP N° 9887