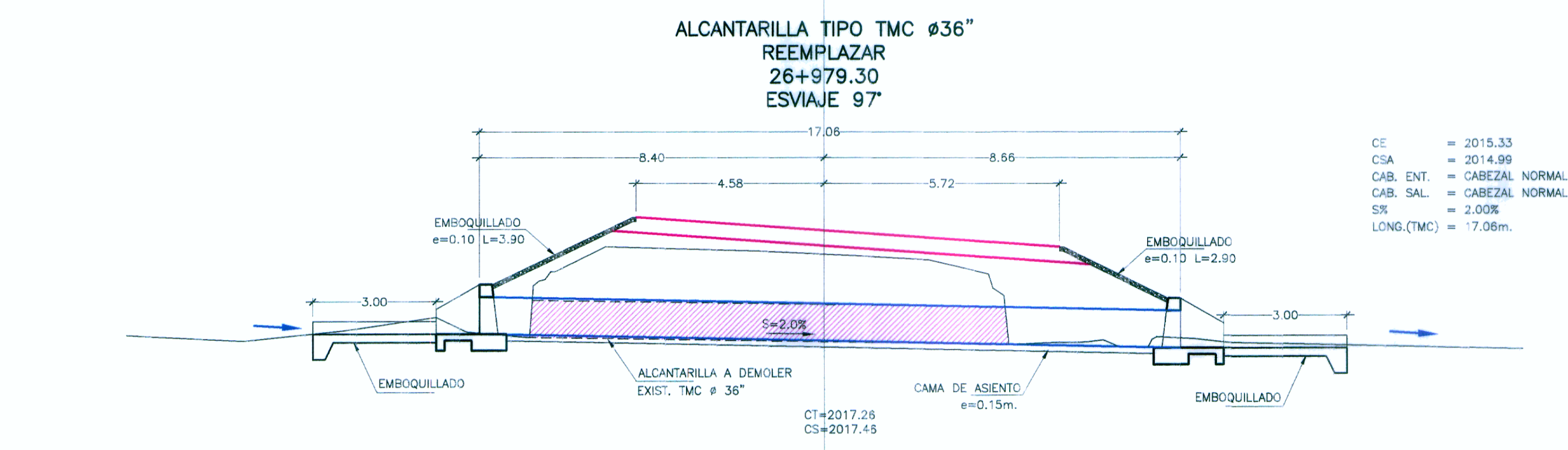


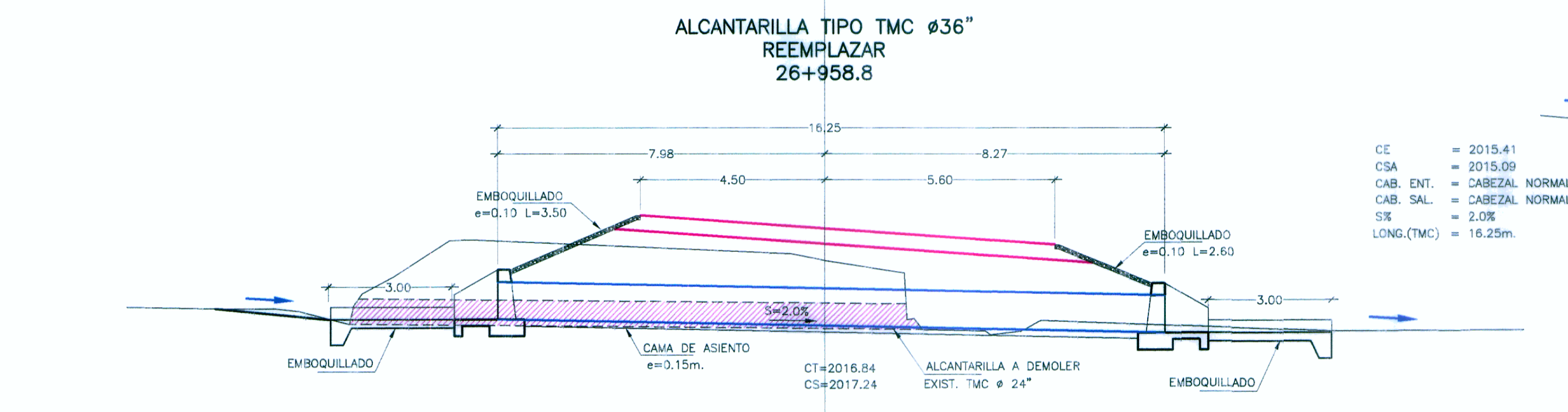
ALCANTARILLA TIPO MC 1.50x1.50  
PROYECTADA  
27+291.6  
ESVIAJE 44°

CE = 2035.06  
CSA = 2035.03  
CAB. ENT. = CABEZAL RECTO  
CAB. SAL. = CABEZAL RECTO  
S% = 0.15%  
LONG.(MC) = 18.90m.



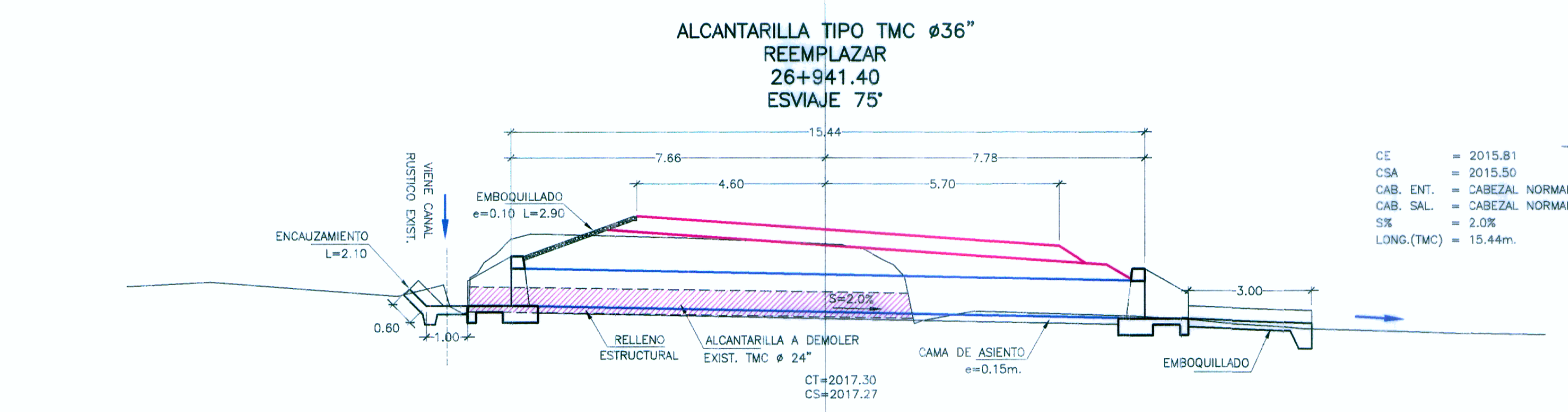
ALCANTARILLA TIPO TMC Ø36"  
REEMPLAZAR  
26+979.30  
ESVIAJE 97°

CE = 2015.33  
CSA = 2014.99  
CAB. ENT. = CABEZAL NORMAL  
CAB. SAL. = CABEZAL RECTO  
S% = 2.00%  
LONG.(TMC) = 17.06m.



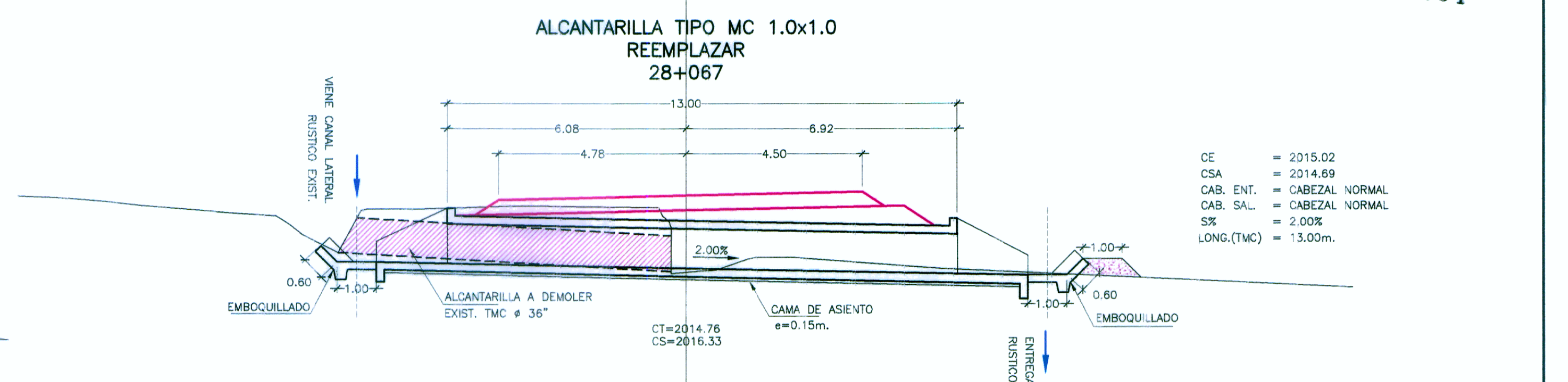
ALCANTARILLA TIPO TMC Ø36"  
REEMPLAZAR  
26+958.8

CE = 2015.41  
CSA = 2015.09  
CAB. ENT. = CABEZAL NORMAL  
CAB. SAL. = CABEZAL NORMAL  
S% = 2.00%  
LONG.(TMC) = 16.25m.



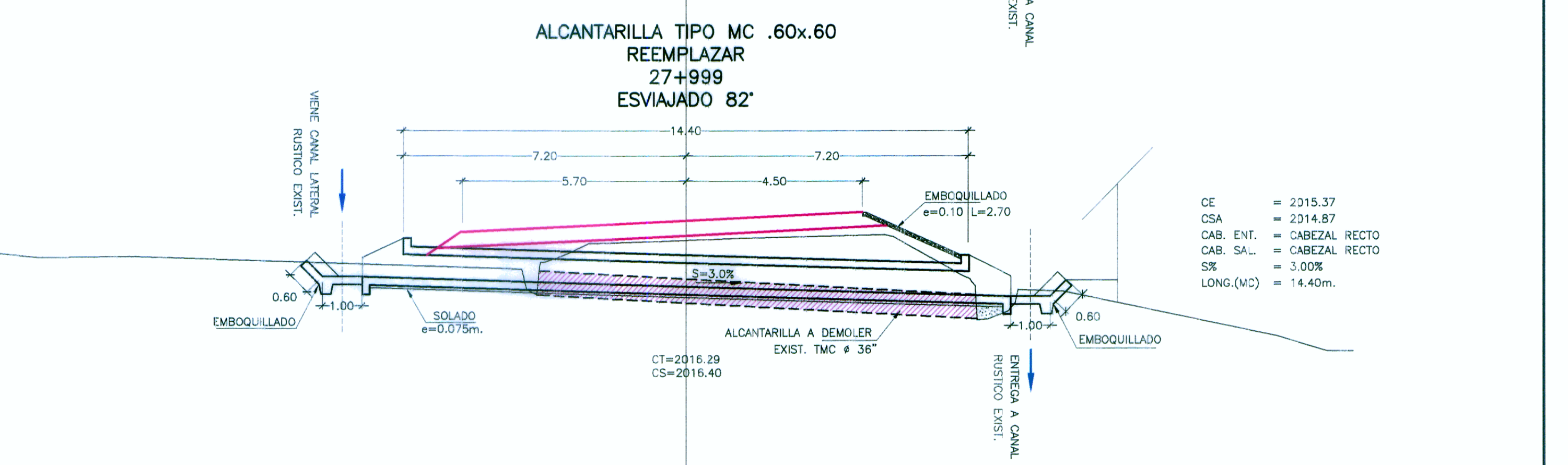
ALCANTARILLA TIPO TMC Ø36"  
REEMPLAZAR  
26+941.40  
ESVIAJE 75°

CE = 2015.81  
CSA = 2015.50  
CAB. ENT. = CABEZAL NORMAL  
CAB. SAL. = CABEZAL NORMAL  
S% = 2.00%  
LONG.(TMC) = 15.44m.



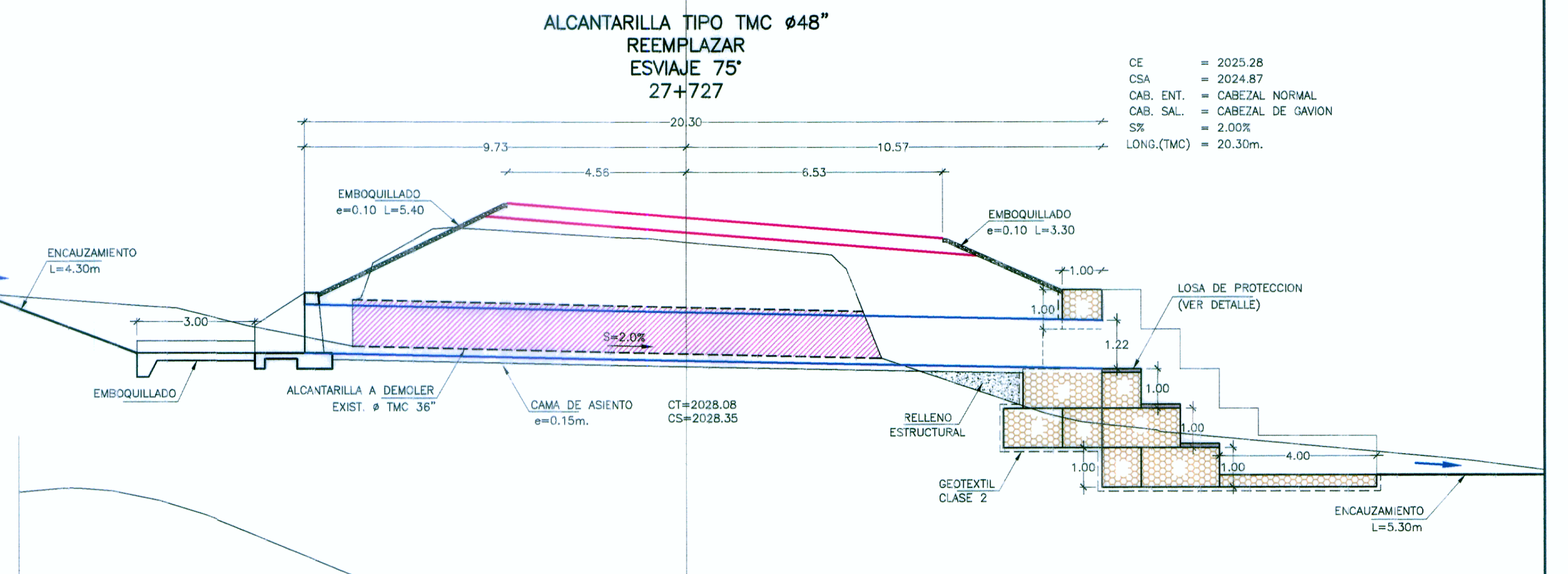
ALCANTARILLA TIPO MC 1.0x1.0  
REEMPLAZAR  
28+067

CE = 2015.02  
CSA = 2014.69  
CAB. ENT. = CABEZAL NORMAL  
CAB. SAL. = CABEZAL NORMAL  
S% = 2.00%  
LONG.(TMC) = 13.00m.



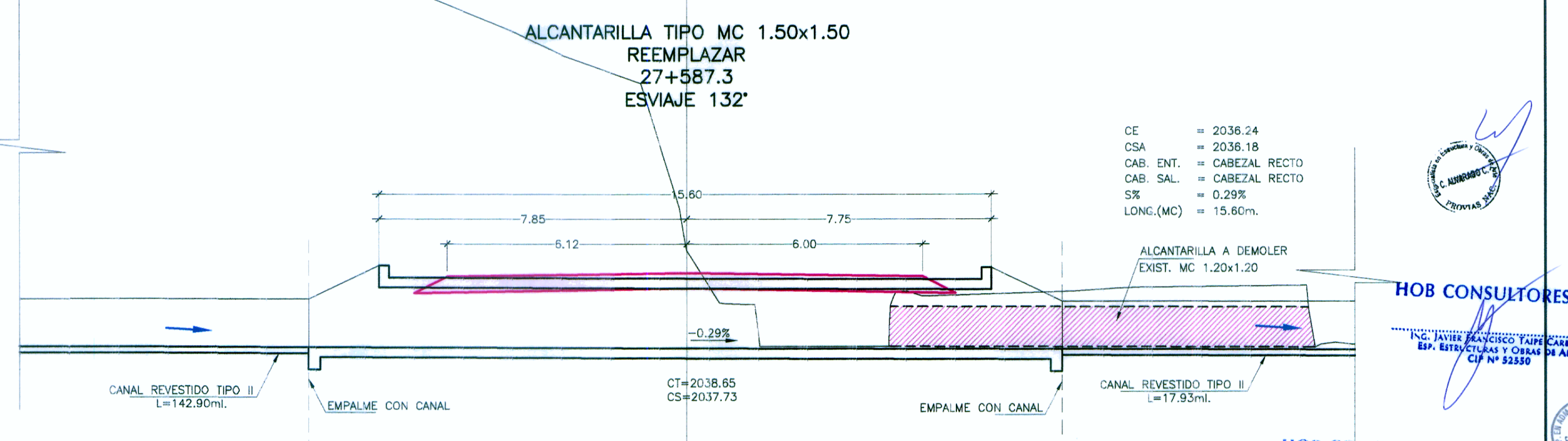
ALCANTARILLA TIPO MC .60x.60  
REEMPLAZAR  
27+999  
ESVIAJADO 82°

CE = 2015.37  
CSA = 2014.87  
CAB. ENT. = CABEZAL RECTO  
CAB. SAL. = CABEZAL RECTO  
S% = 3.00%  
LONG.(MC) = 14.40m.



ALCANTARILLA TIPO TMC Ø48"  
REEMPLAZAR  
ESVIAJE 75°  
27+727

CE = 2025.28  
CSA = 2024.87  
CAB. ENT. = CABEZAL NORMAL  
CAB. SAL. = CABEZAL DE GAVION  
S% = 2.00%  
LONG.(TMC) = 20.30m.



ALCANTARILLA TIPO MC 1.50x1.50  
REEMPLAZAR  
27+587.3  
ESVIAJE 132°

CE = 2036.24  
CSA = 2036.18  
CAB. ENT. = CABEZAL RECTO  
CAB. SAL. = CABEZAL RECTO  
S% = 0.29%  
LONG.(MC) = 15.60m.

HOB CONSULTORES S.A. ING. JAVIER FRANCISCO FIGUEROA

HOB CONSULTORES S.A. ING. CESAR EDISON GUEVARA