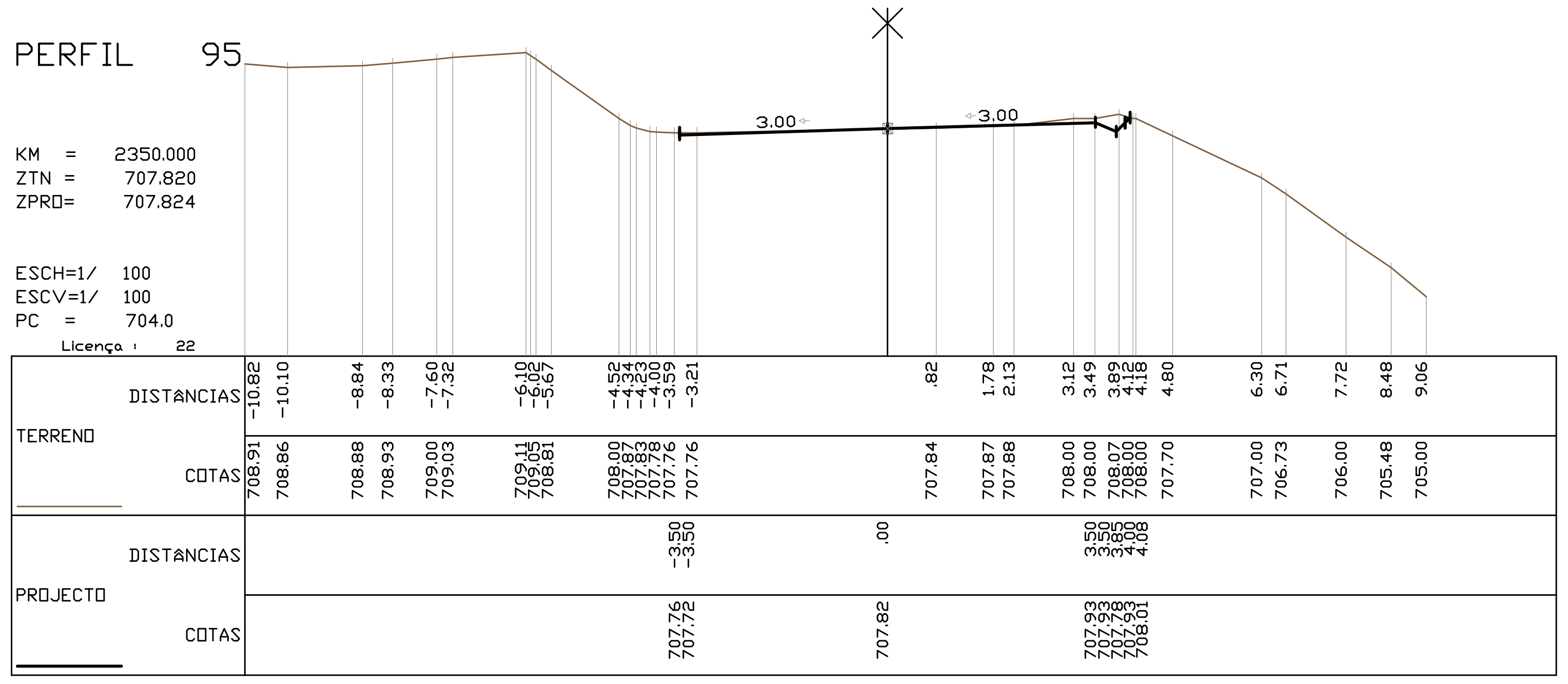
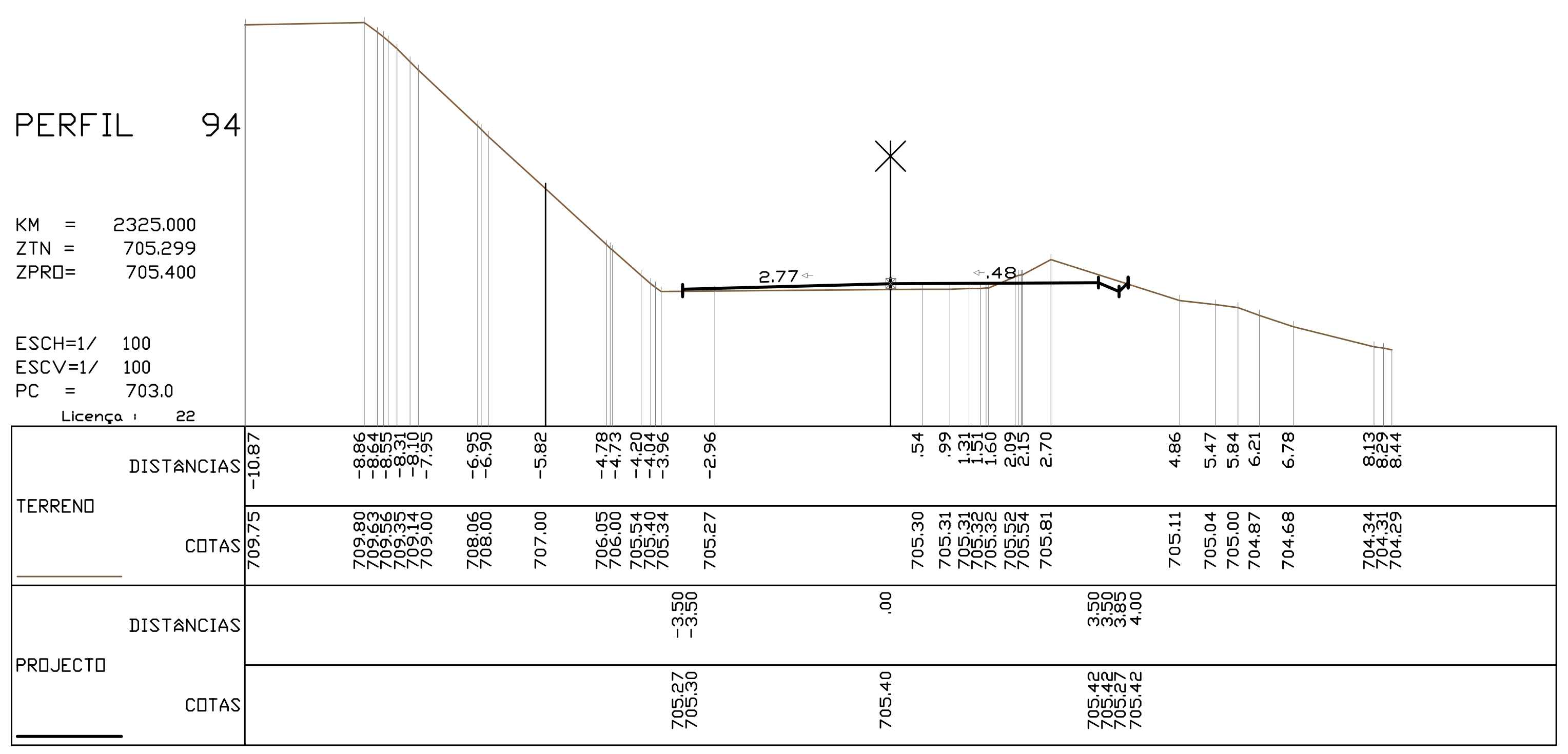
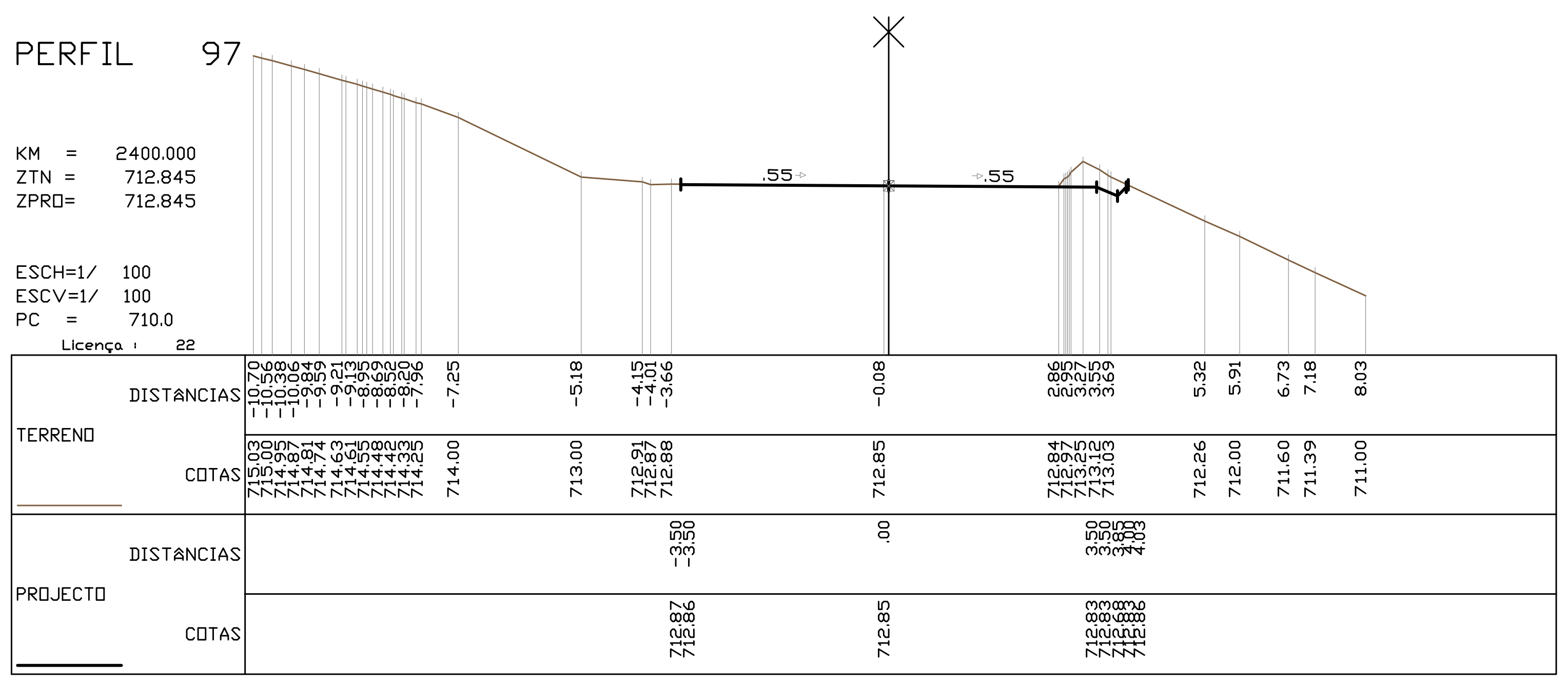
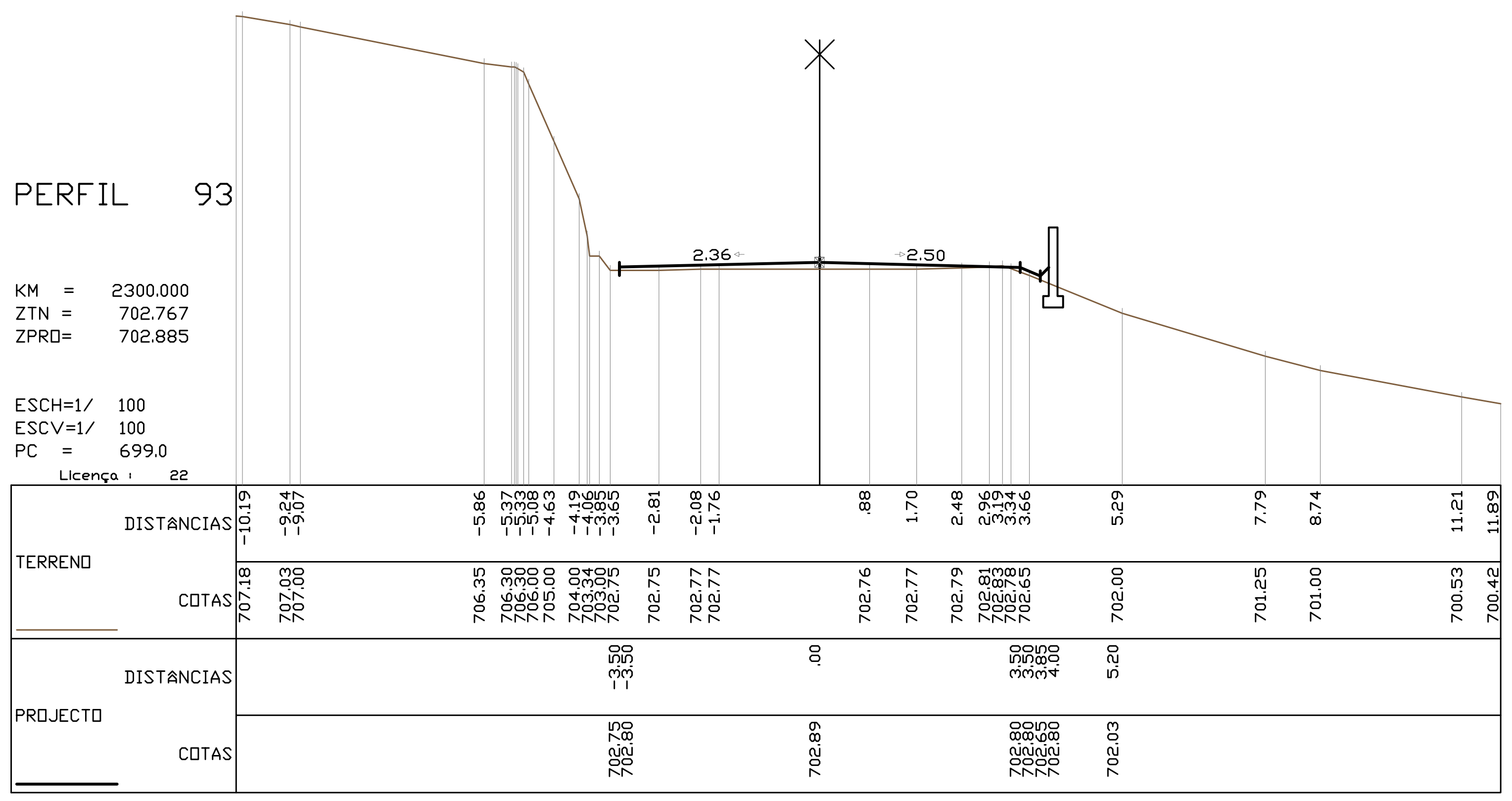
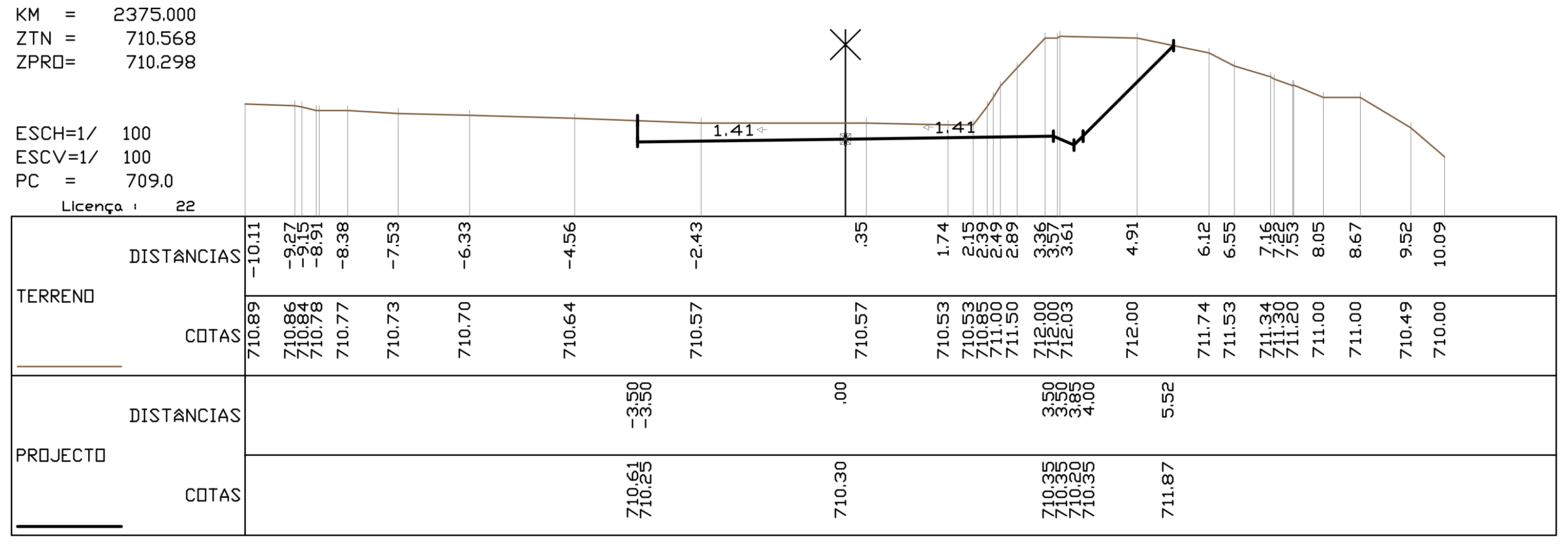

PERFIL 95
KM = 2350.000
ZTN = 707.820
ZPRO= 707.824
ESCH=1/ 100
ESCV=1/ 100
PC = 704.0
Licença : 22
3.00
3.00
TERRENO
DISTÂNCIAS -10.82 -10.10 -8.84 -8.33 -7.60 -7.32 -6.10 -6.02 -5.67 -4.52 -4.34 -4.23 -4.00 -3.59 -3.21 .82 1.78 2.13 3.12 3.49 3.89 4.12 4.18 4.80 6.30 6.71 7.72 8.48 9.06
COTAS 708.91 708.86 708.88 708.93 709.00 709.03 709.11 709.05 708.81 708.00 707.87 707.83 707.78 707.76 707.76 707.84 707.87 707.88 708.00 708.00 708.07 708.00 708.00 707.70 707.00 706.73 706.00 705.48 705.00
PROJECTO
DISTÂNCIAS -3.50 -3.50 .00 3.50 3.50 3.85 4.00 4.08
COTAS 707.76 707.72 707.82 707.93 707.93 707.78 707.93 708.01


PERFIL 94
KM = 2325.000
ZTN = 705.299
ZPRO= 705.400
ESCH=1/ 100
ESCV=1/ 100
PC = 703.0
Licença : 22
2.77
.48
TERRENO
DISTÂNCIAS -10.87 -8.86 -8.64 -8.55 -8.31 -8.10 -7.95 -6.95 -6.90 -5.82 -4.78 -4.73 -4.20 -4.04 -3.96 -2.96 .54 .99 1.31 1.51 1.60 2.09 2.15 2.70 4.86 5.47 5.84 6.21 6.78 8.13 8.29 8.44
COTAS 709.75 709.80 709.63 709.56 709.35 709.14 709.00 708.06 708.00 707.00 706.05 706.00 705.54 705.40 705.34 705.27 705.30 705.31 705.31 705.32 705.32 705.52 705.54 705.81 705.11 705.04 705.00 704.87 704.68 704.34 704.31 704.29
PROJECTO
DISTÂNCIAS -3.50 -3.50 .00 3.50 3.50 3.85 4.00
COTAS 705.27 705.30 705.40 705.42 705.42 705.27 705.42


PERFIL 97
KM = 2400.000
ZTN = 712.845
ZPRO= 712.845
ESCH=1/ 100
ESCV=1/ 100
PC = 710.0
Licença : 22
.55
.55
TERRENO
DISTÂNCIAS -10.70 -10.56 -10.38 -10.06 -9.84 -9.59 -9.21 -9.13 -8.95 -8.69 -8.52 -8.20 -7.96 -7.25 -5.18 -4.15 -4.01 -3.66 -0.08 2.86 2.95 3.27 3.55 3.69 5.32 5.91 6.73 7.18 8.03
COTAS 715.03 715.00 714.95 714.87 714.81 714.74 714.63 714.61 714.55 714.48 714.42 714.33 714.25 714.00 713.00 712.91 712.87 712.88 712.85 712.84 712.97 713.25 713.12 713.03 712.26 712.00 711.60 711.39 711.00
PROJECTO
DISTÂNCIAS -3.50 -3.50 .00 3.50 3.50 3.85 4.00 4.03
COTAS 712.87 712.86 712.85 712.83 712.83 712.68 712.83 712.86


PERFIL 93
KM = 2300.000
ZTN = 702.767
ZPRO= 702.885
ESCH=1/ 100
ESCV=1/ 100
PC = 699.0
Licença : 22
2.36
2.50
TERRENO
DISTÂNCIAS -10.19 -9.24 -9.07 -5.86 -5.37 -5.33 -5.08 -4.63 -4.19 -4.06 -3.85 -3.65 -2.81 -2.08 -1.76 .88 1.70 2.48 2.96 3.19 3.34 3.66 5.29 7.79 8.74 11.21 11.89
COTAS 707.18 707.03 707.00 706.35 706.30 706.30 706.00 705.00 704.00 703.34 703.00 702.75 702.75 702.77 702.77 702.76 702.77 702.79 702.81 702.83 702.78 702.65 702.00 701.25 701.00 700.53 700.42
PROJECTO
DISTÂNCIAS -3.50 -3.50 .00 3.50 3.50 3.85 4.00 5.20
COTAS 702.75 702.80 702.89 702.80 702.80 702.65 702.80 702.03


PERFIL 96
KM = 2375.000
ZTN = 710.568
ZPRO= 710.298
ESCH=1/ 100
ESCV=1/ 100
PC = 709.0
Licença : 22
1.41
1.41
TERRENO
DISTÂNCIAS -10.11 -9.27 -9.15 -8.91 -8.38 -7.53 -6.33 -4.56 -2.43 .35 1.74 2.15 2.39 2.49 2.89 3.36 3.57 3.61 4.91 6.12 6.55 7.16 7.22 7.53 8.05 8.67 9.52 10.09
COTAS 710.89 710.86 710.84 710.78 710.77 710.73 710.70 710.64 710.57 710.57 710.53 710.53 710.85 711.00 711.50 712.00 712.00 712.03 712.00 711.74 711.53 711.34 711.30 711.20 711.00 711.00 710.49 710.00
PROJECTO
DISTÂNCIAS -3.50 -3.50 .00 3.50 3.50 3.85 4.00 5.52
COTAS 710.61 710.25 710.30 710.35 710.35 710.20 710.35 711.87

Observações: - A profundidade mínima da fundação dos muros deverá atender ao especificado nas peças desenhadas DES.242-LVI-6.5-01 e DES.242-LVI-7.1-01.

NOTA:
Em formatos diferentes de A1 atender às escalas gráficas

S R
SECRETARIA REGIONAL DE EQUIPAMENTO SOCIAL
ESTRADAS DA MADEIRA

Projectista
norvia
Consultores de Engenharia, S.A.

Projecto
RECONSTRUÇÃO DA ESTRADA REGIONAL 209, ENTRE OS SITÍOS DOS SALÕES
E DO BARREIRO - PONTA DO SOL
-PROJECTO DE EXECUÇÃO-

Escalas:
H=1/100 V=1/100
(1/100) 0 0.5 1.0 1.5 2.0m

Projectou: LF, ER, PNT, TM
Desenhou: BS
Verificou:
Aprovou:
Substitui:
Substituído por:

Designação:
PERFIS TRANSVERSAIS
km 2+300 ao km 2+400

N°.do desenho: 242-LVI-9.9-01
Data: Maio 2011
Folha: 09/10
N°.de ordem: 49