



QUILOMETRAGEM	11+600	11+700	11+800	11+900	12+000	12+100	12+200	12+300	12+400	12+500	12+600				
COTAS DO TERRENO	52.214	47.788	45.118	45.118	45.118	45.118	45.118	45.118	45.118	45.118	45.118				
COTAS DA RASANTE	52.294	47.788	45.118	45.118	45.118	45.118	45.118	45.118	45.118	45.118	45.118				
COTAS DE TRABALHO	52.294	47.788	45.118	45.118	45.118	45.118	45.118	45.118	45.118	45.118	45.118				
ELEMENTOS DA RASANTE	<p>Vertical Curve Data:</p> <ul style="list-style-type: none"> Station 11+600: $R=2100.000$, $L=211.157$ Station 11+700: $R=2100.000$, $L=211.157$ Station 11+800: $R=2100.000$, $L=211.157$ Station 11+900: $R=2100.000$, $L=211.157$ Station 12+000: $R=2100.000$, $L=211.157$ Station 12+100: $R=2100.000$, $L=211.157$ Station 12+200: $R=2100.000$, $L=211.157$ Station 12+300: $R=2100.000$, $L=211.157$ Station 12+400: $R=2100.000$, $L=211.157$ Station 12+500: $R=2100.000$, $L=211.157$ Station 12+600: $R=2100.000$, $L=211.157$ 														
PONTOS NOTÁVEIS (km)	11+648.825	11+674.267	11+787.424	11+827.414	11+871.863	11+906.313	12+006.824	12+076.273	12+131.356	12+206.265	12+311.356	12+436.429	12+523.077	12+607.160	12+617.160
DIAGRAMA DE CURVAS	<p>Curve Data:</p> <ul style="list-style-type: none"> Station 11+600: $R=2100.000$, $L=211.157$ Station 11+700: $R=2100.000$, $L=211.157$ Station 11+800: $R=2100.000$, $L=211.157$ Station 11+900: $R=2100.000$, $L=211.157$ Station 12+000: $R=2100.000$, $L=211.157$ Station 12+100: $R=2100.000$, $L=211.157$ Station 12+200: $R=2100.000$, $L=211.157$ Station 12+300: $R=2100.000$, $L=211.157$ Station 12+400: $R=2100.000$, $L=211.157$ Station 12+500: $R=2100.000$, $L=211.157$ Station 12+600: $R=2100.000$, $L=211.157$ 														
SOBRELEVÇÃO (%)	<p>Grade Data:</p> <ul style="list-style-type: none"> Station 11+600: $G=1.02$ Station 11+700: $G=0.00$ Station 11+800: $G=0.00$ Station 11+900: $G=0.00$ Station 12+000: $G=0.48$ Station 12+100: $G=0.48$ Station 12+200: $G=0.48$ Station 12+300: $G=0.48$ Station 12+400: $G=0.48$ Station 12+500: $G=0.48$ Station 12+600: $G=0.48$ 														

RIPORTICO
 Rua Vitor 141 - 3421-460 Cabanos de Vitor, Vila Verde, 4700-000 Vitor, Portugal
 www.riportico.com

Projeto de Execução
 PLANTA E PERFIL LONGITUDINAL

13/00