

THREE POSSIBLE ROUTES CONNECTING THE REALIGNED PATH AND THE AMENITY AREA WERE IDENTIFIED AND THEY ARE SHOWN ON THE PLAN AS SECTIONS "A,B,C." AT EACH SECTION THE PROFILE OF THE EMBANKMENT BY MEANS OF MEASURED DIPS FROM A SPIRIT LEVEL AND ARE SHOWN ON THE SECTIONS BY THE BLACK LINE NOTE, THE LEVEL RELATIONSHIP BETWEEN THE SECTIONS WAS NOT VERIFIED. ON EACH SECTION IS A GREEN PLOTTED AT A SLOPE OF 1 TO 4 WHICH IS THE SLOPE ABOVE WHICH WALKING CAN BECOME DIFFICULT AND WHICH IS THE SLOPE OF THE REALIGNED PATH. IT CAN BE SEEN THAT THE SLOPE ON EACH SECTION IS GREATER THAN 1 TO 4, WHICH IMPLIES STEPS WOULD BE NEEDED.

A PROFILE OF A SET OF STEPS IS SHOWN IN RED ON EACH SECTION. THIS IS BASED ON STEPS WITH A RISE OF 170mm AND A TREAD OF 300mm. THERE IS NO SPECIFIC REGULATION COVERING STEPS IN THIS TYPE OF LOCATION. BUT THESE STEPS COMPLY WITH THE BUILDING REGULATIONS APPROVED DOCUMENT FOR EXTERNAL STEPS AND ARE CONSIDERED APPROPRIATE. THE STEPS RUN FROM THE TOP OF THE EMBANKMENT UNTIL AN INTERSECTION WITH THE GREEN LINE IS MADE, AT WHICH POINT STEPS WOULD NO LONGER BE NEEDED. ON SECTION "A" THE STEPS WOULD HAVE TO RUN THE FULL LENGTH, WHICH IS NOT A REALISTIC OPTION. ON SECTION "B" AN INTERSECTION IS MADE AROUND HALF WAY DOWN THE SLOPE WITH THE EMBANKMENT HAVING TO BE REALIGNED BELOW THAT POINT. A SIMILAR SITUATION EXISTS AT SECTION "C". WHILST THIS EXERCISE DOES NOT COVER ALL POSSIBLE OPTIONS FOR INTRODUCING STEPS, IT DOES SHOW THERE IS NO SIMPLE SOLUTION.

