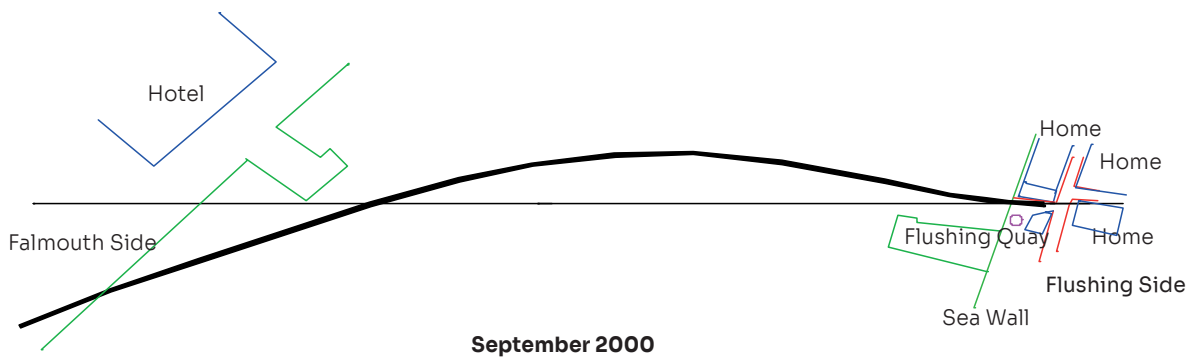


**Falmouth Harbor**



Allen Watson of Great Britain, contracted to install a 500 meter pumped sewer main across the Falmouth harbor on the west coast of England. Due to the congestion of the city at the entry point, the only access available for their drilling rig was oblique to the beach creating a need for a long curve missing a dock near entry and exiting parallel to another dock at a very tight exit point. The exit point was 2 meters right of the front entrance of a residential home, 15 meters beyond the seawall, 2 meters left of a deep sewer main and 4 meters short of a roadway. It was impossible to be long since another residential home faced the exit point across the street.

ParaTrack 2 was used with a guide wire placed on top of the planned centerline all the way from entry to exit. Divers were utilized to accurately weight the cable in the correct place. The single cable was earthed behind the rig at entry and behind the exit point and was charged when drilling commenced. The drilling assembly was steered along the guide-wire to the exit point.

The bit punched out exactly 2 meters right of the residents front entrance and was accepted immediately.

ParaTrack 2 gives contractors the ability to install a surface or underground cable, All the Way from Entry to Exit, and guiding the pilot hole with positive control throughout the crossing thus removing normal positional uncertainty when drilling with azimuth alone.

Call Prime Horizontal for Information about ParaTrack Guidance Services.