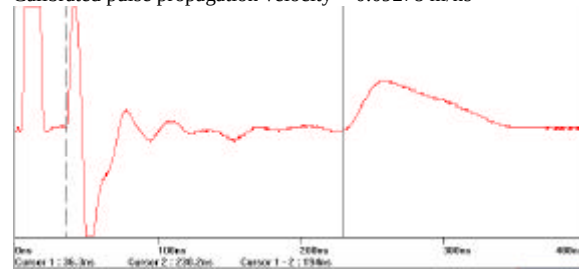


Nail for calibration

Length of steel bar = 9 m

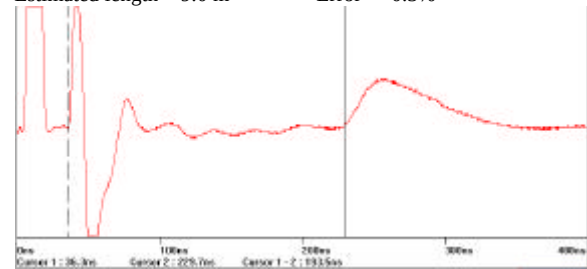
Calibrated pulse propagation velocity = 0.09278 m/ns



R3-S2 (Blue)

Estimated length = 9.0 m

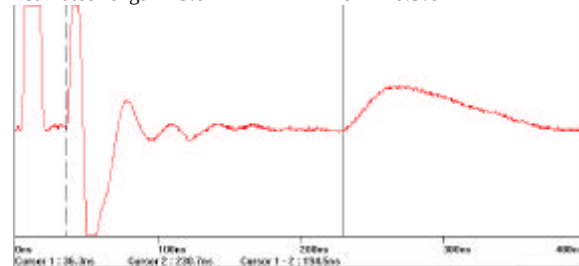
Error = -0.3%



R3-S1 (Blue)

Estimated length = 9.0 m

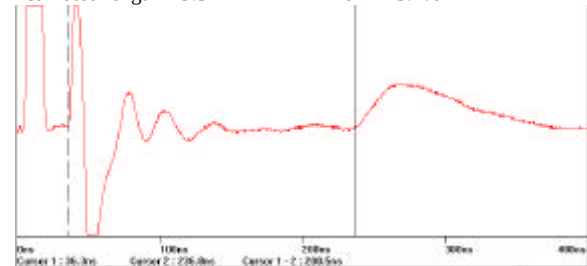
Error = +0.3%



R3-S3 (Blue)

Estimated length = 9.3 m

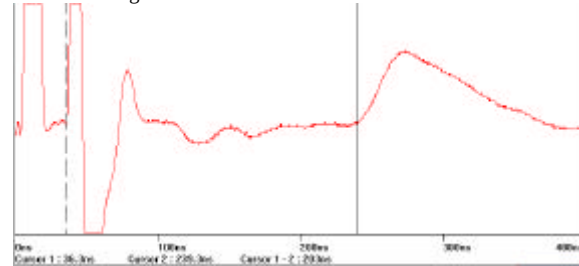
Error = +3.4%



R3-S4 (Blue)

Estimated length = 9.4 m

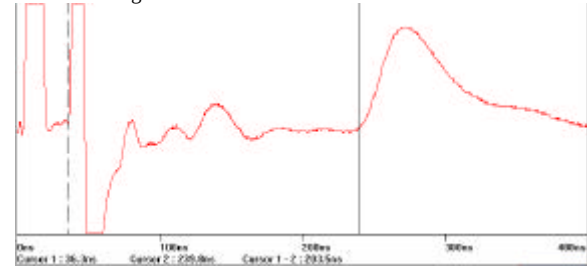
Error = +4.6%



R3-S5 (Blue)

Estimated length = 9.4 m

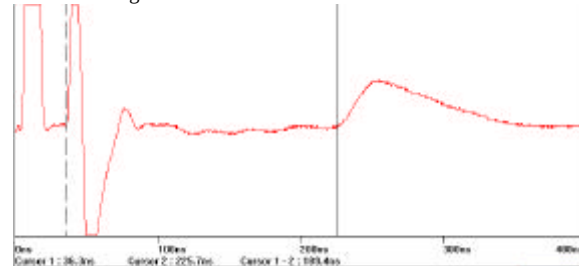
Error = +4.9%



R3-S6 (Blue)

Estimated length = 8.8 m

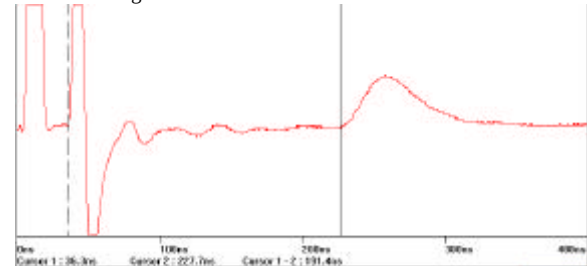
Error = -2.4%



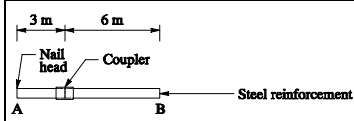
R3-S7 (Blue)

Estimated length = 8.9 m

Error = -1.3%



R3-S8 (Blue)



Pulse width = 10 ns

R12-N3 (Blue)

Measurements are taken at Side A

Soil Nail No. R12-N3, Wire with blue plastic sheath

Figure 1 - TDR Test Results at an LPM Site in Sai Kung

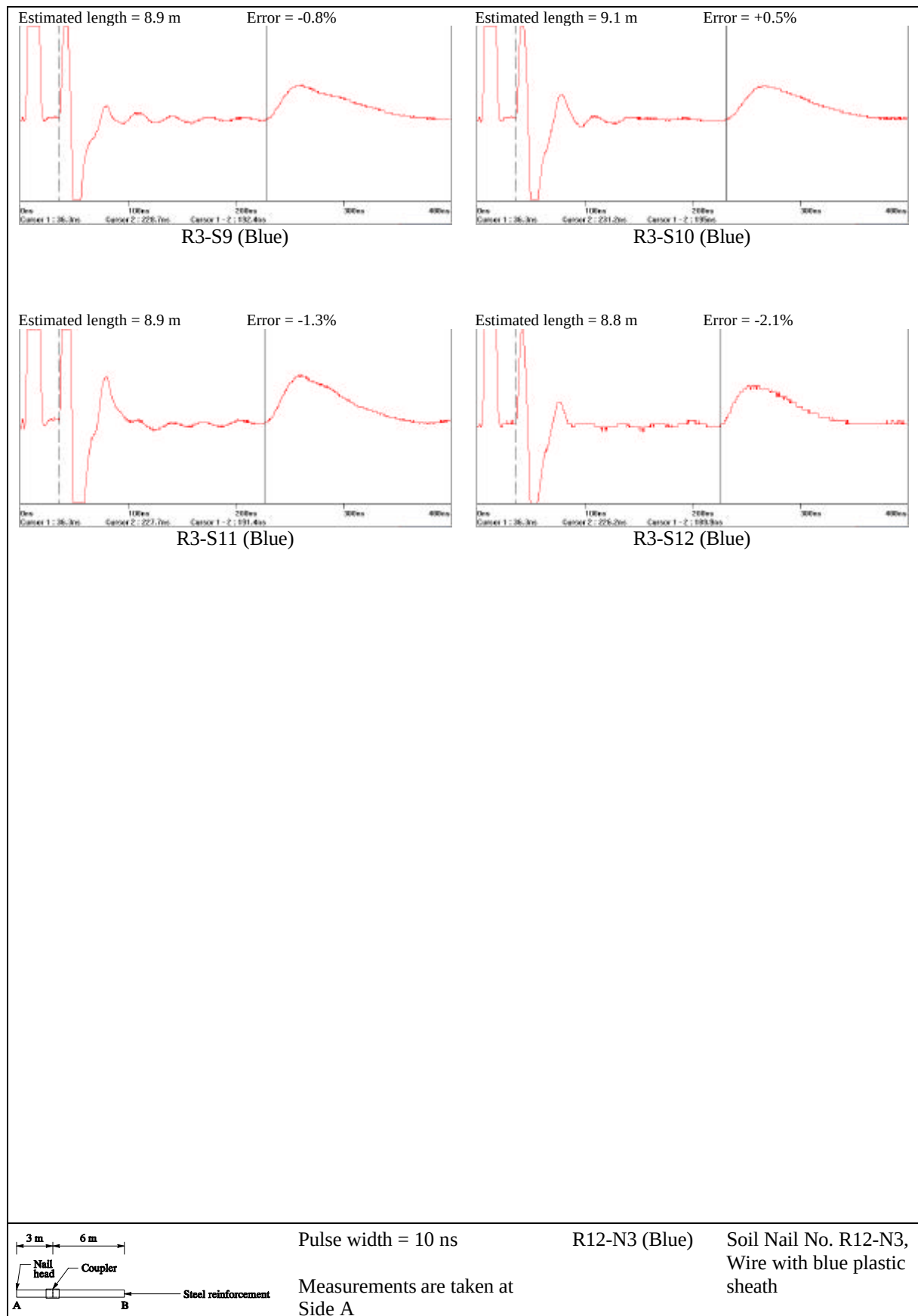


Figure 2 - TDR Test Results at an LPM Site in Sai Kung

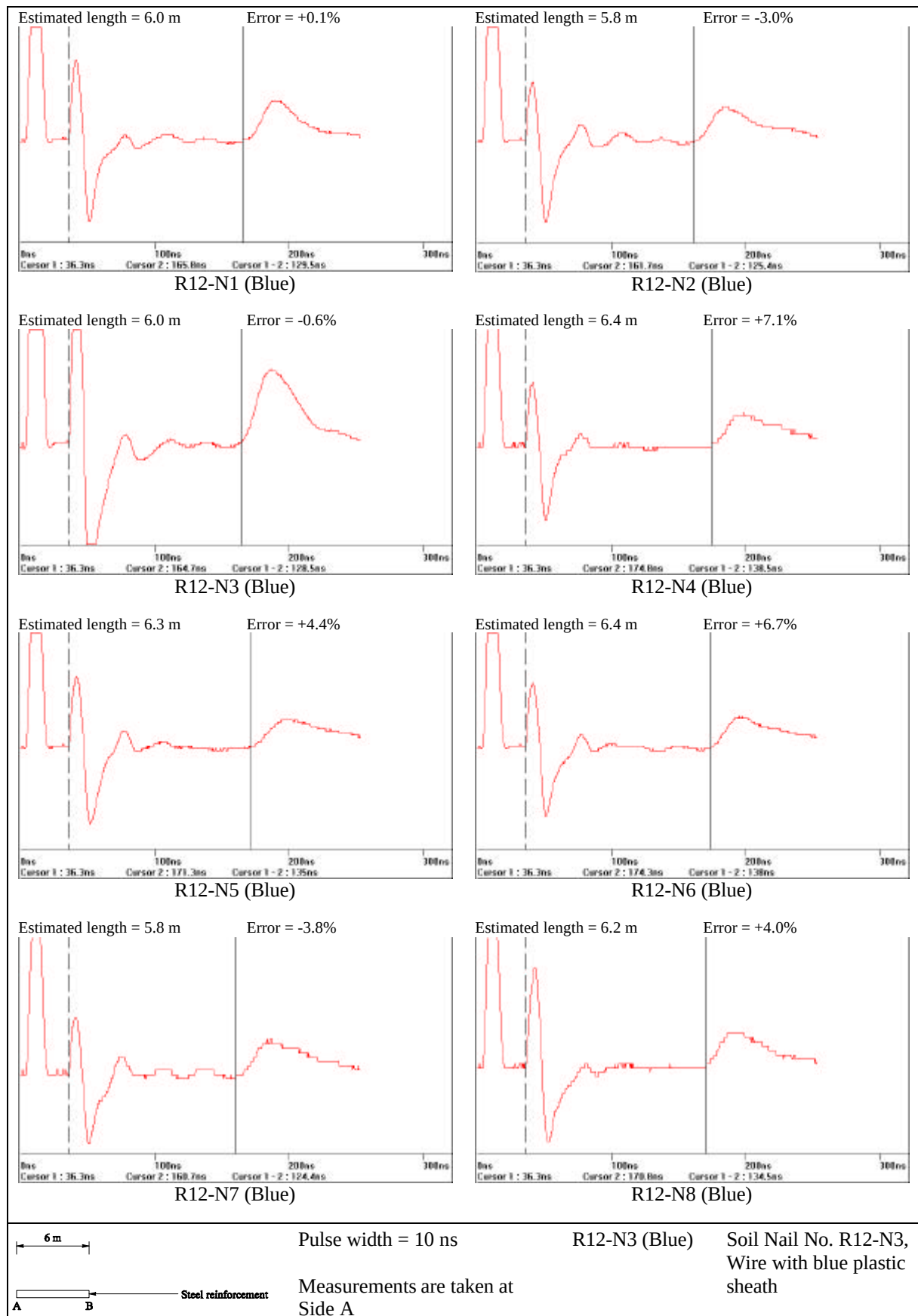


Figure 3 - TDR Test Results at an LPM Site in Sai Kung

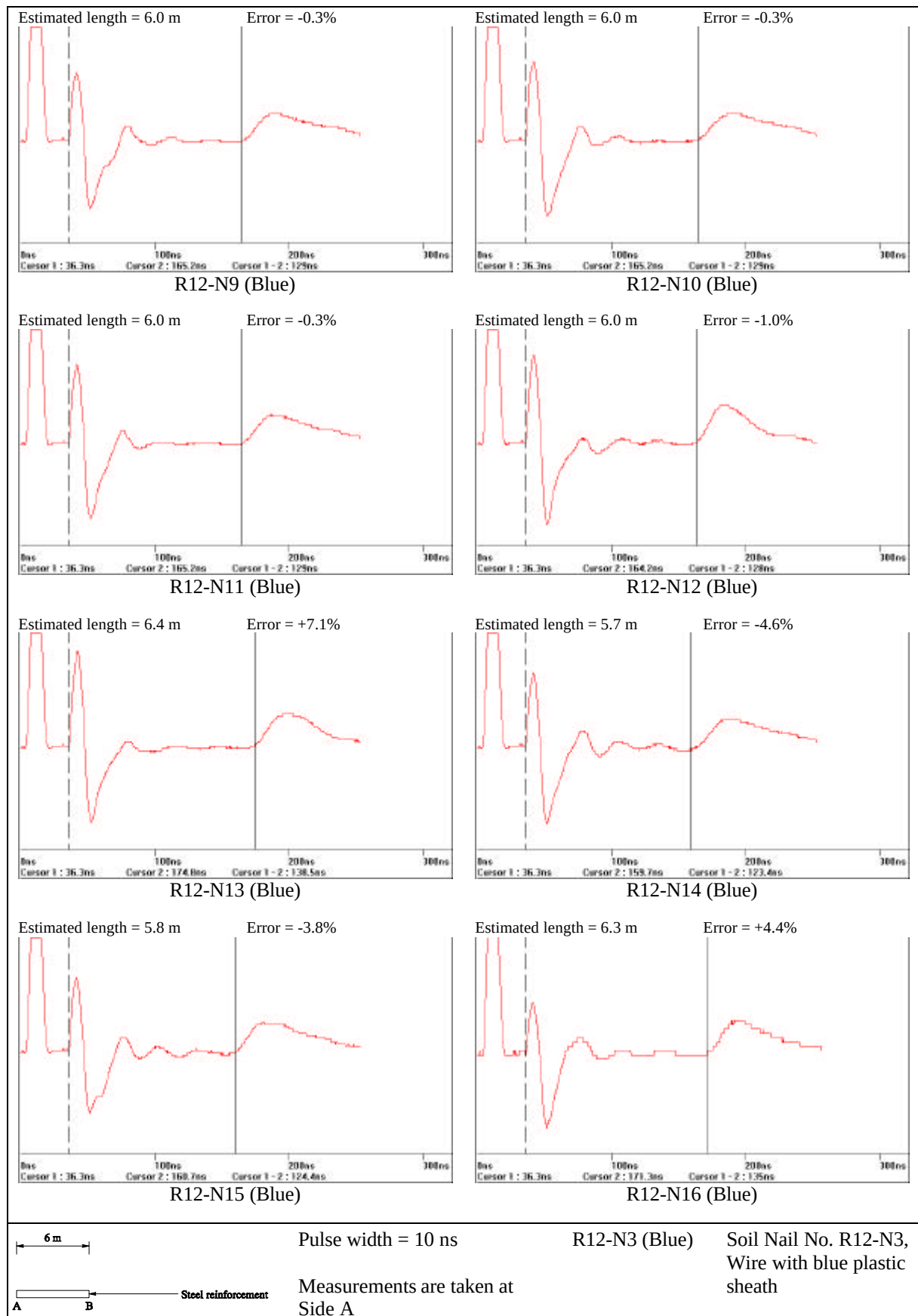


Figure 4 - TDR Test Results at an LPM Site in Sai Kung

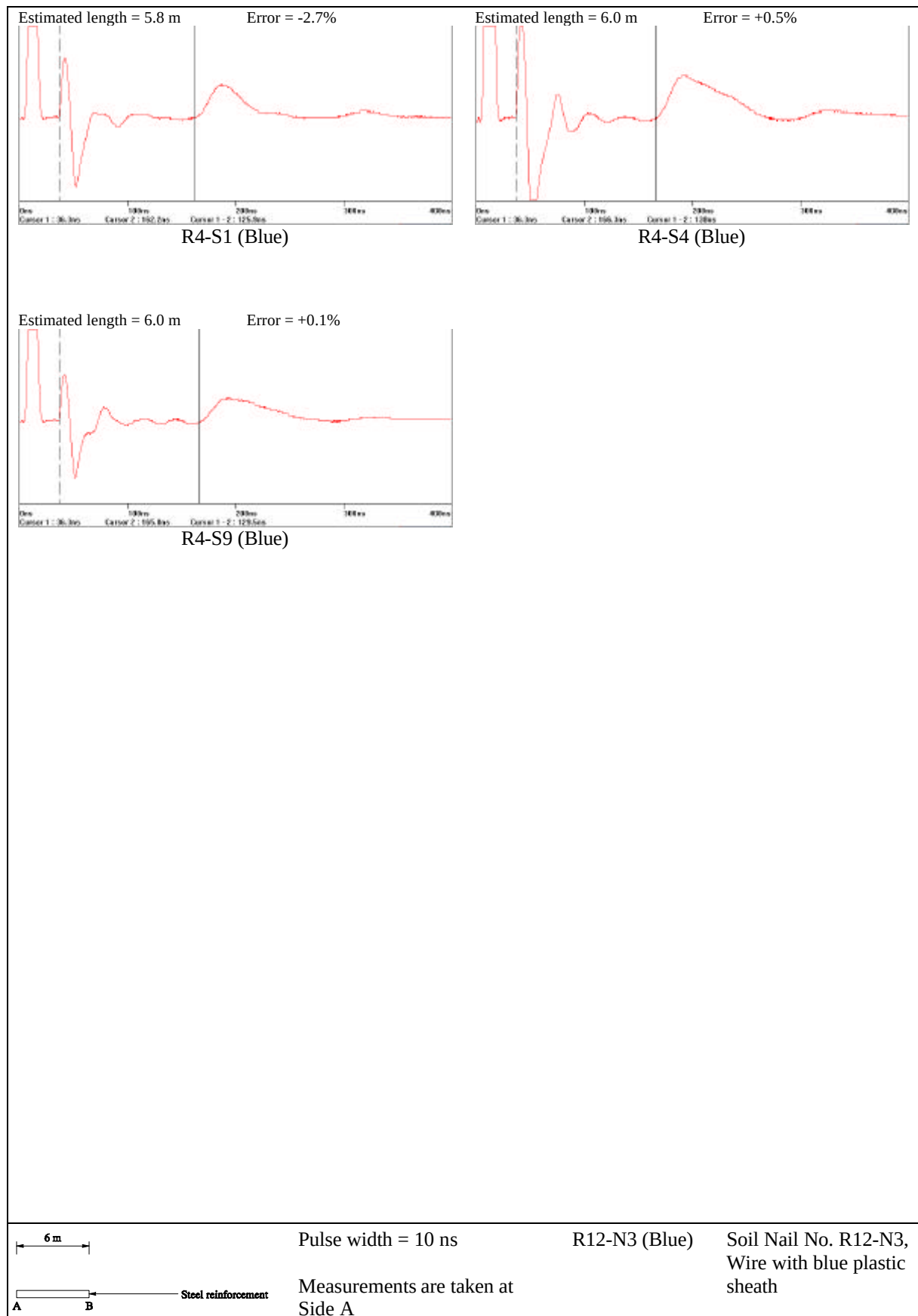
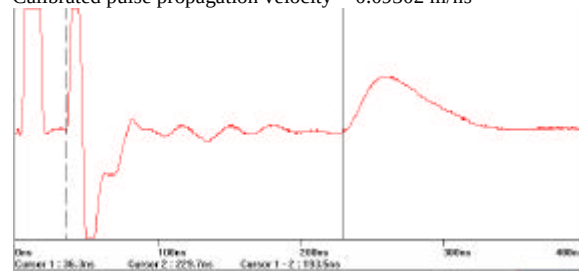


Figure 5 - TDR Test Results at an LPM Site in Sai Kung

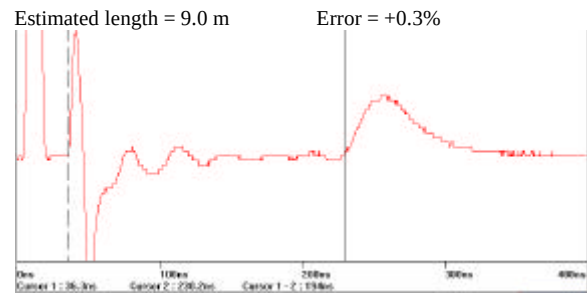
Nail for calibration

Length of steel bar = 9 m

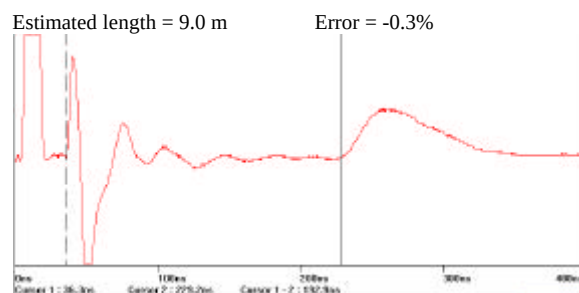
Calibrated pulse propagation velocity = 0.09302 m/ns



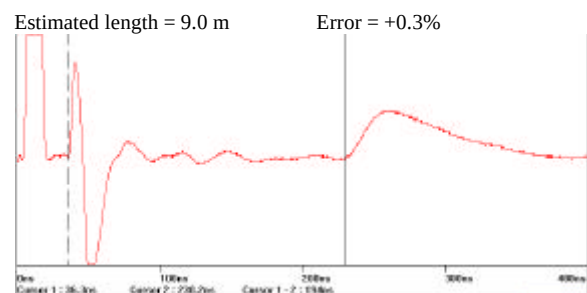
R1-S8 (Black)



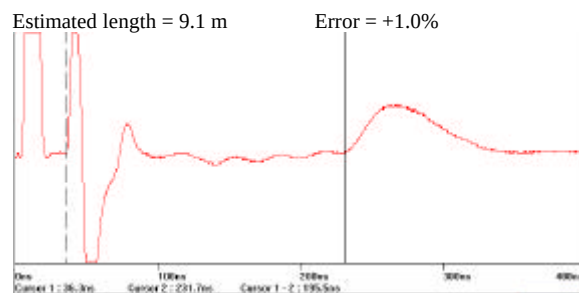
R2-S1 (Black)



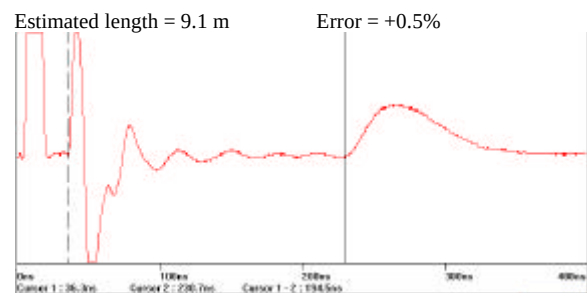
R2-S2 (Black)



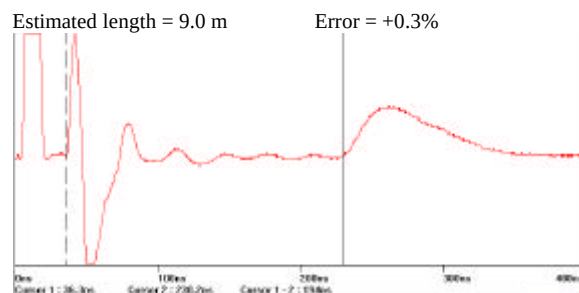
R2-S3 (Black)



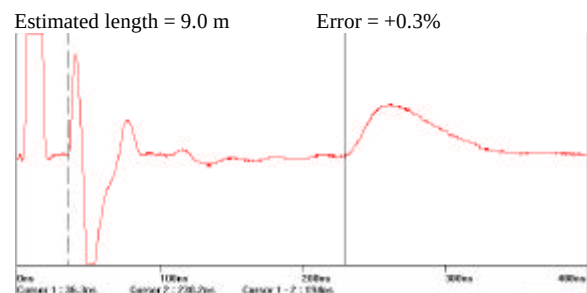
R1-S1 (Black)



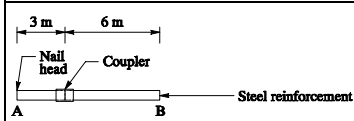
R1-S2 (Black)



R1-S3 (Black)



R1-S4 (Black)



Pulse width = 10 ns

Measurements are taken at Side A

R12-N3 (Blue)

Soil Nail No. R12-N3,
Wire with blue plastic sheath

Figure 6 - TDR Test Results at an LPM Site in Sai Kung

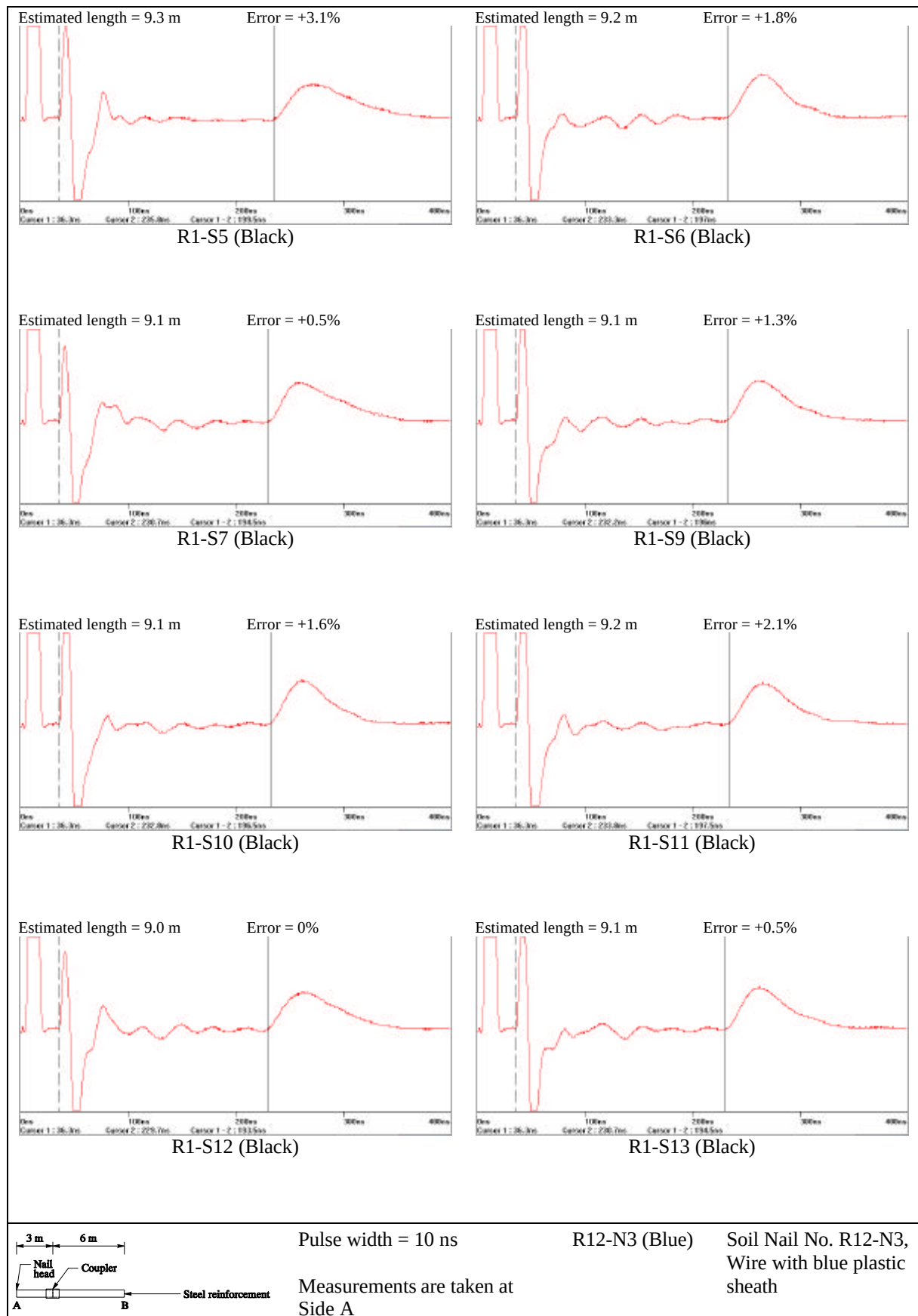


Figure 7 - TDR Test Results at an LPM Site in Sai Kung

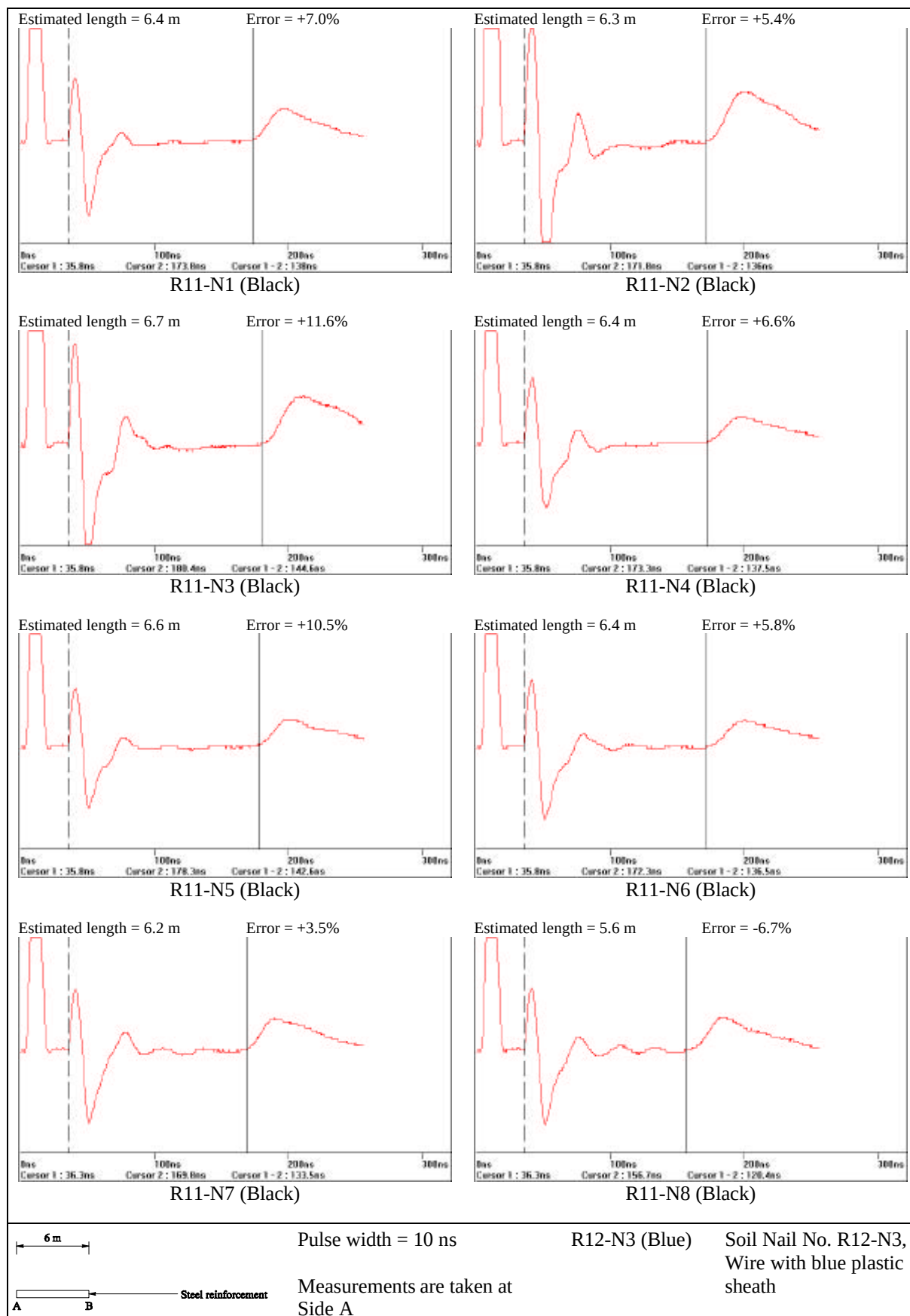


Figure 8 - TDR Test Results at an LPM Site in Sai Kung

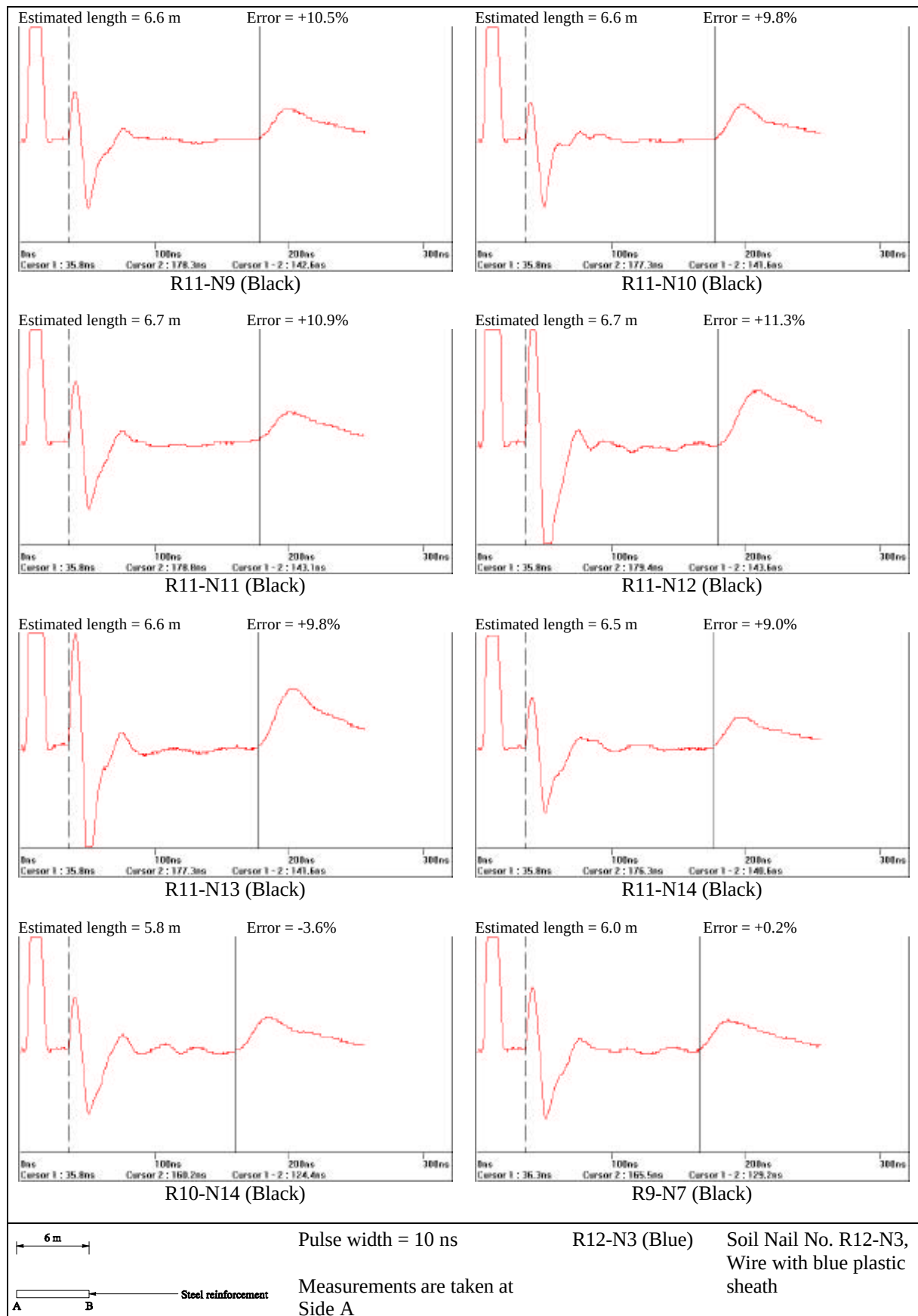


Figure 9 - TDR Test Results at an LPM Site in Sai Kung

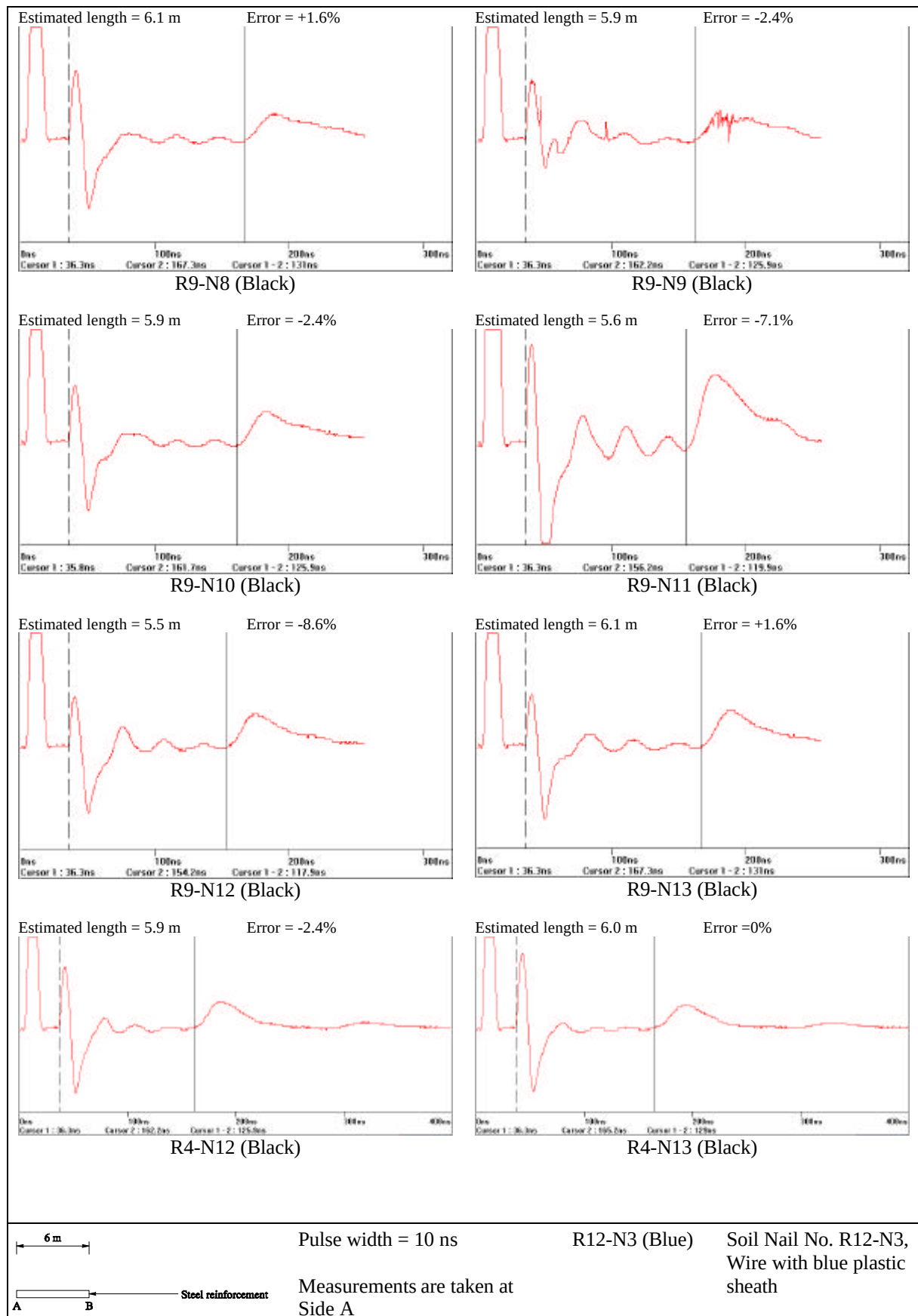


Figure 10 - TDR Test Results at an LPM Site in Sai Kung

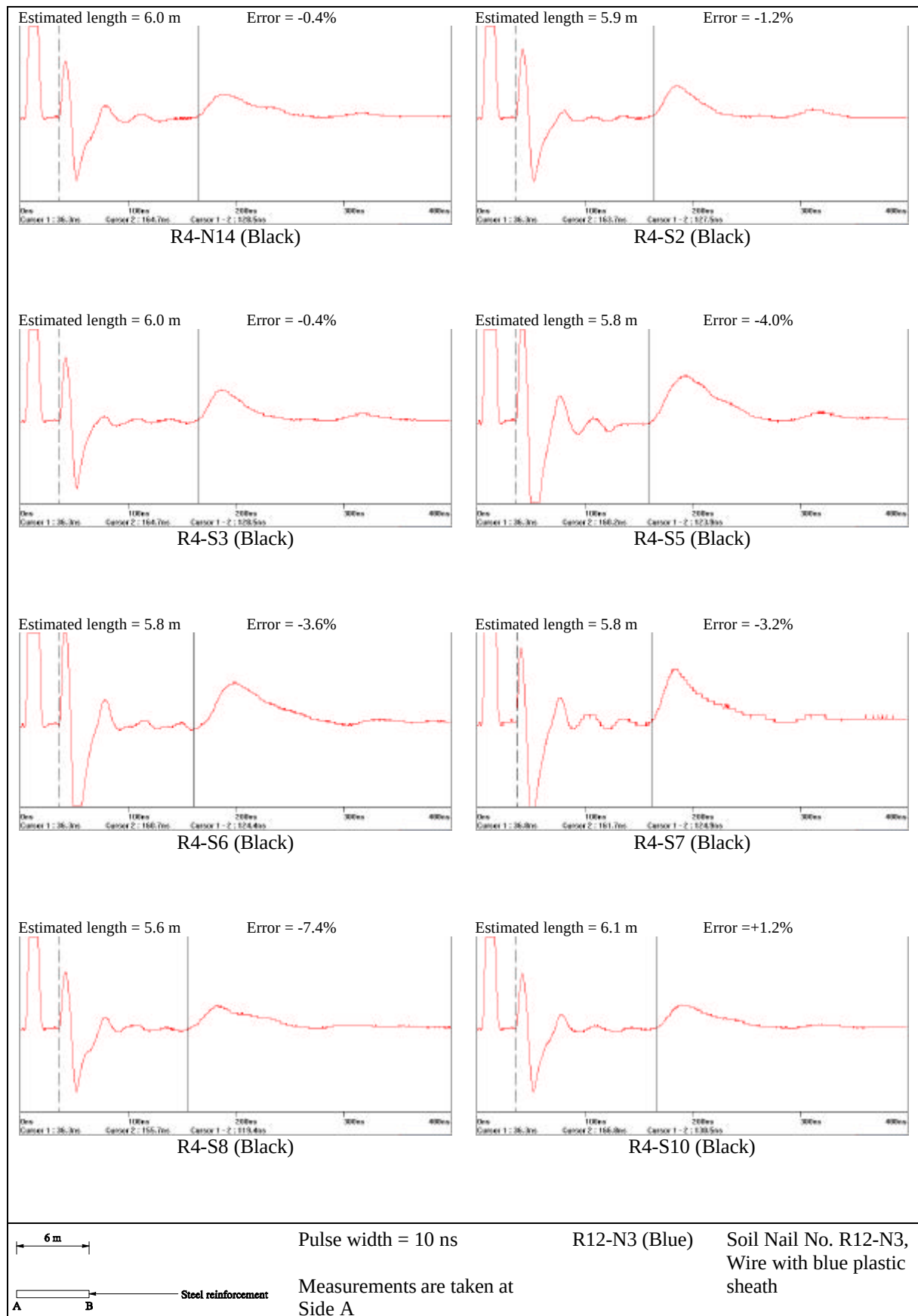


Figure 11 - TDR Test Results at an LPM Site in Sai Kung

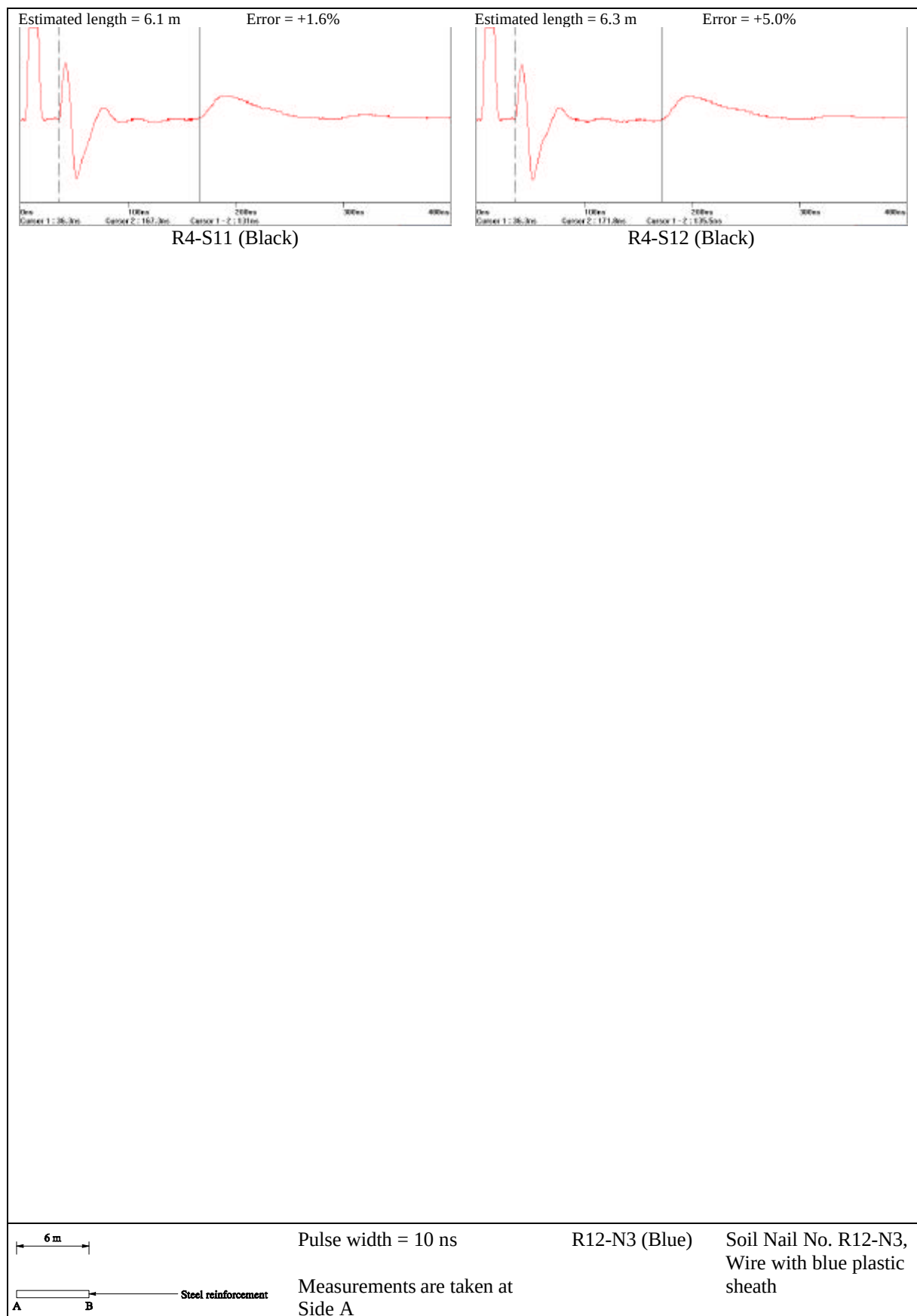


Figure 12 - TDR Test Results at an LPM Site in Sai Kung

Nail for calibration

Length of steel bar = 9 m

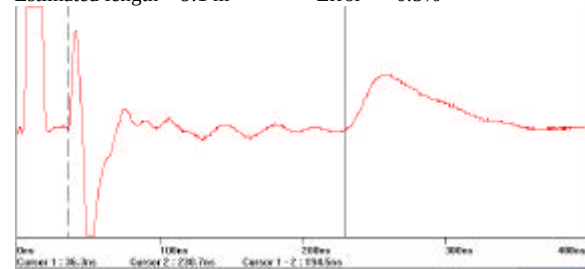
Calibrated pulse propagation velocity = 0.09302 m/ns



R2-S10 (Red)

Estimated length = 9.1 m

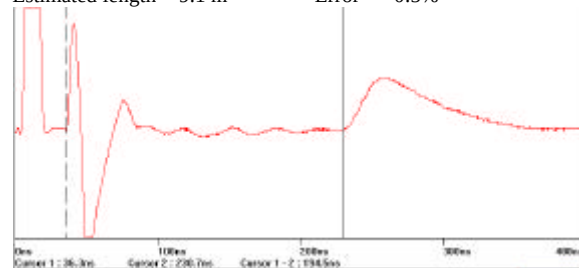
Error = +0.5%



R2-S4 (Red)

Estimated length = 9.1 m

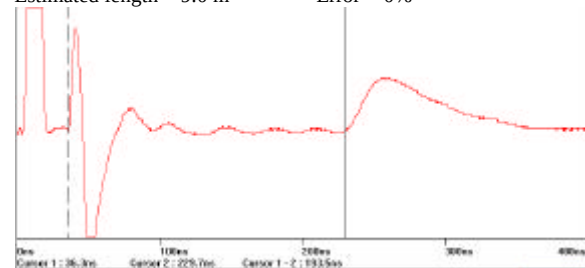
Error = +0.5%



R2-S5 (Red)

Estimated length = 9.0 m

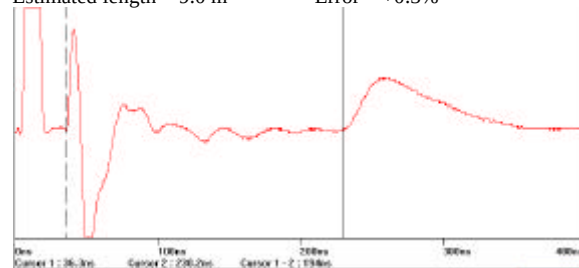
Error = 0%



R2-S6 (Red)

Estimated length = 9.0 m

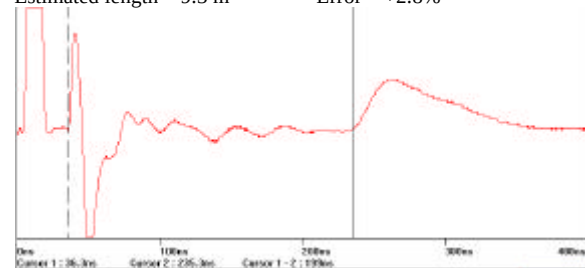
Error = +0.3%



R2-S7 (Red)

Estimated length = 9.3 m

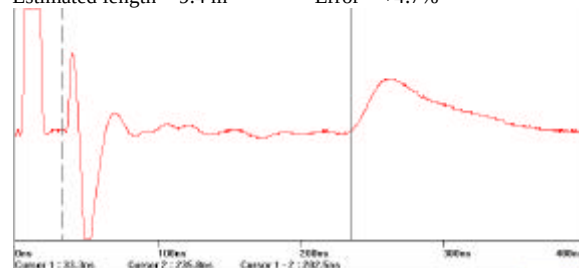
Error = +2.8%



R2-S8 (Red)

Estimated length = 9.4 m

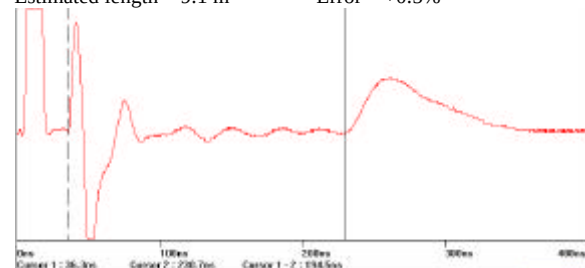
Error = +4.7%



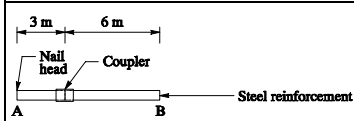
R2-S9 (Red)

Estimated length = 9.1 m

Error = +0.5%



R2-S11 (Red)



Pulse width = 10 ns

R12-N3 (Blue)

Soil Nail No. R12-N3,
Wire with blue plastic
sheath

Measurements are taken at
Side A

Figure 13 - TDR Test Results at an LPM Site in Sai Kung

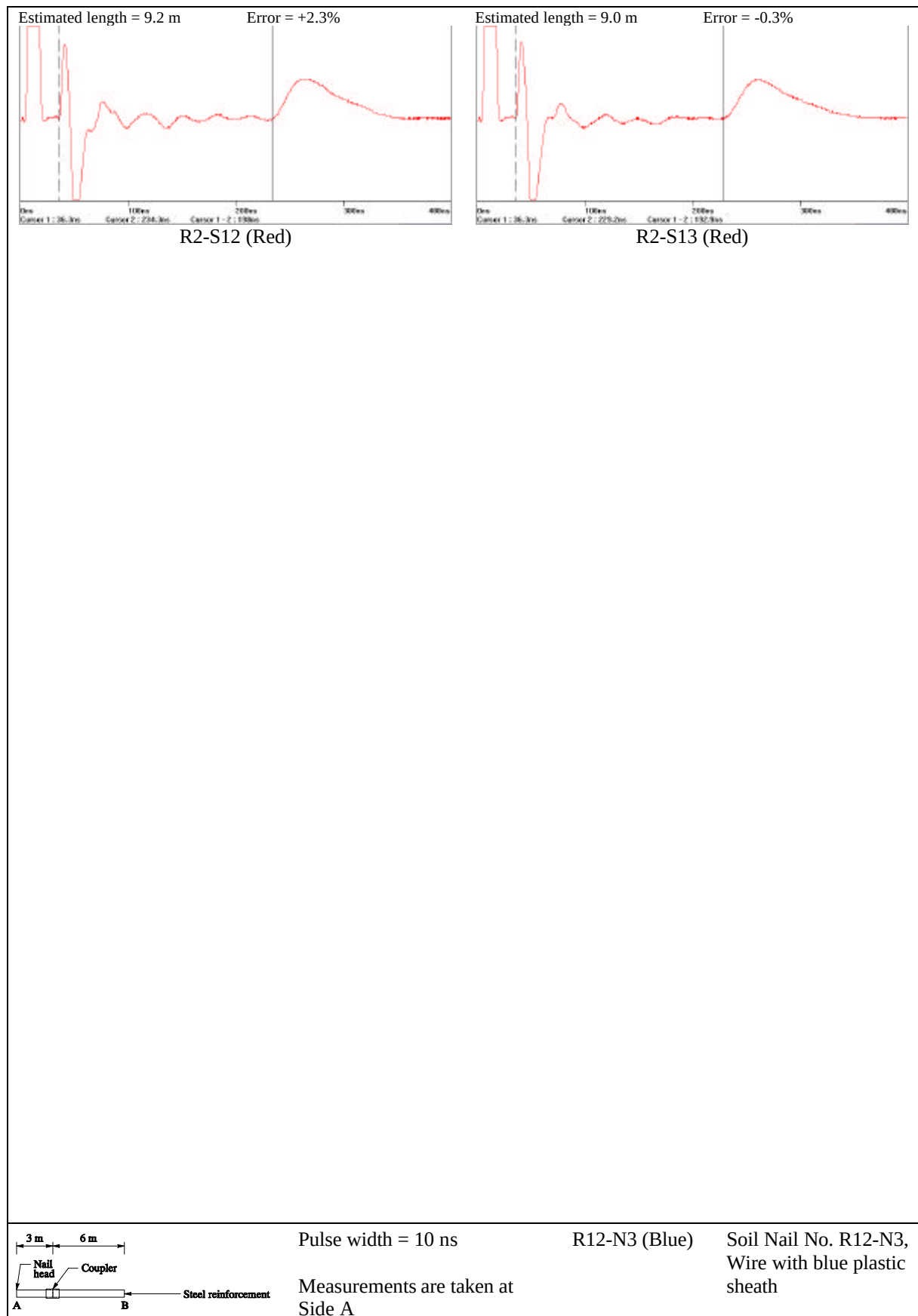


Figure 14 - TDR Test Results at an LPM Site in Sai Kung

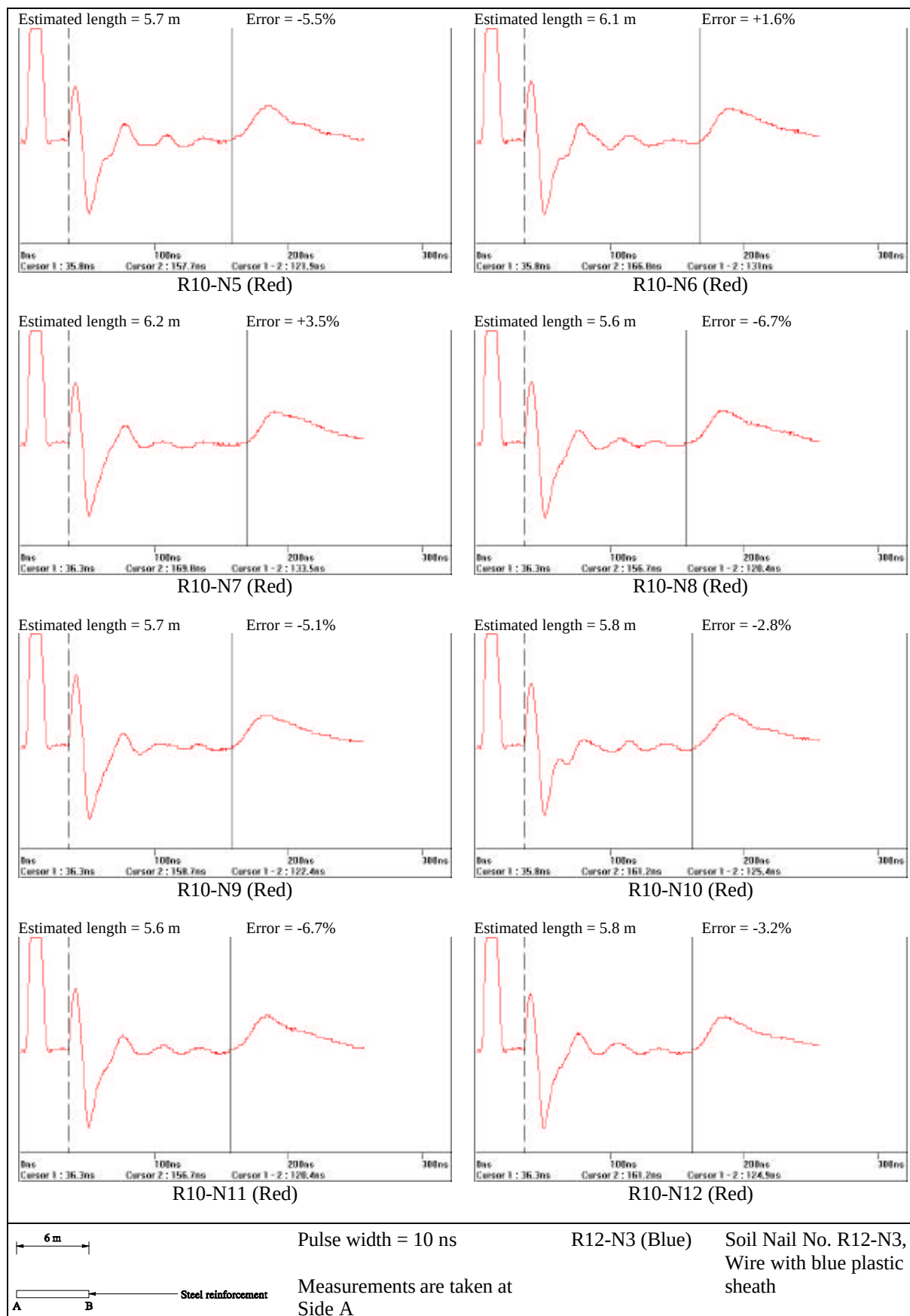


Figure 15 - TDR Test Results at an LPM Site in Sai Kung

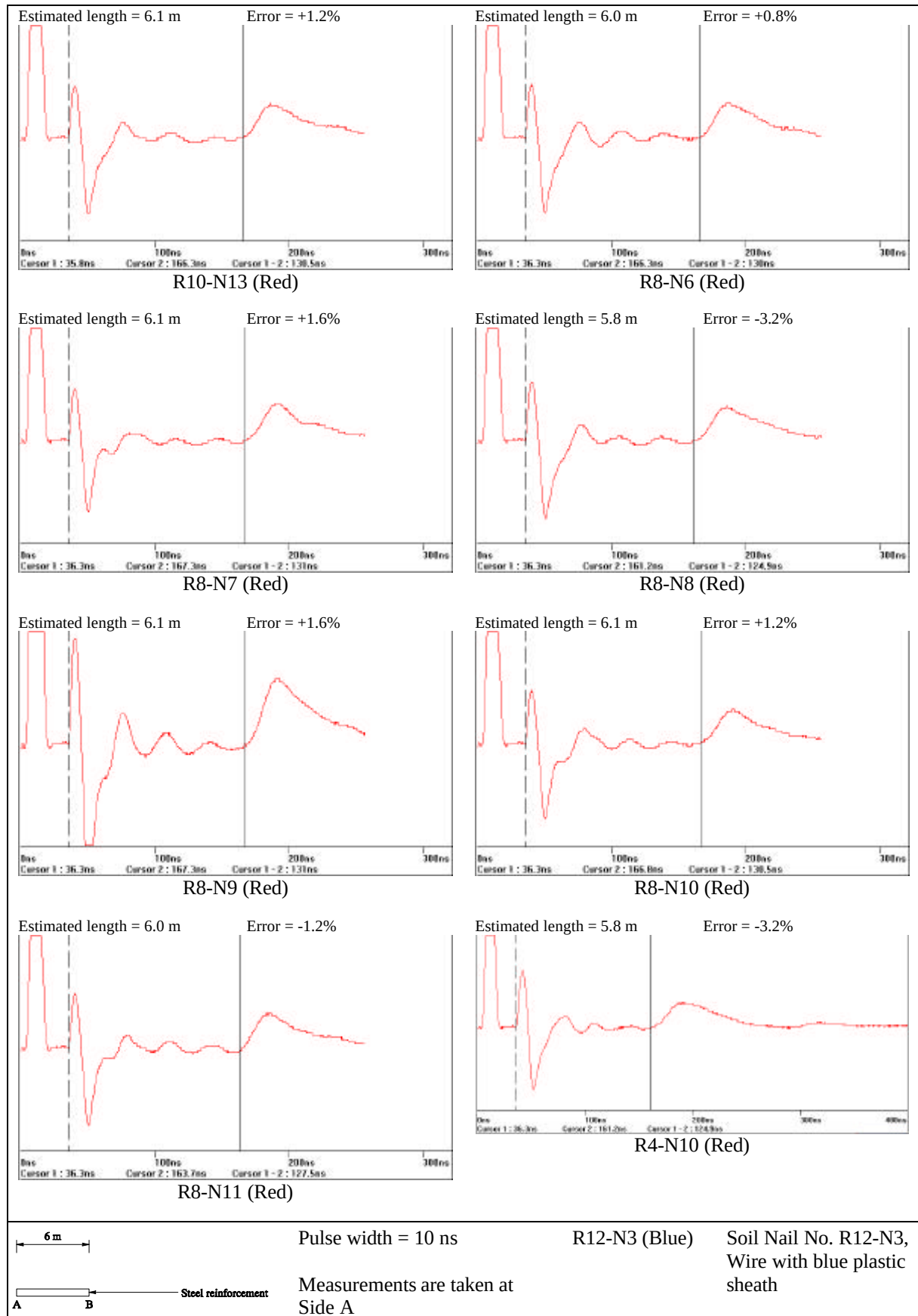


Figure 16 - TDR Test Results at an LPM Site in Sai Kung



Figure 17 - TDR Test Results at an LPM Site in Sai Kung