



Norwich Western Link

Environmental Statement

Chapter 12: Road Drainage and Water

Appendix 12.4: River Wensum Geomorphology Assessment

Sub Appendix C: Bed Shear Stress

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1 Introduction

1.1.1 **Figure 1 to Figure 20** show the max bed shear stress through the different modelled return periods for the baseline and with scheme scenarios.

Appendix C: Bed Shear Stress

Figure 1 Drawing 70095892-WSP-FRM-WE-DR-CO-4001 – Max Bed Shear Stress – 1 in 2yr– Baseline

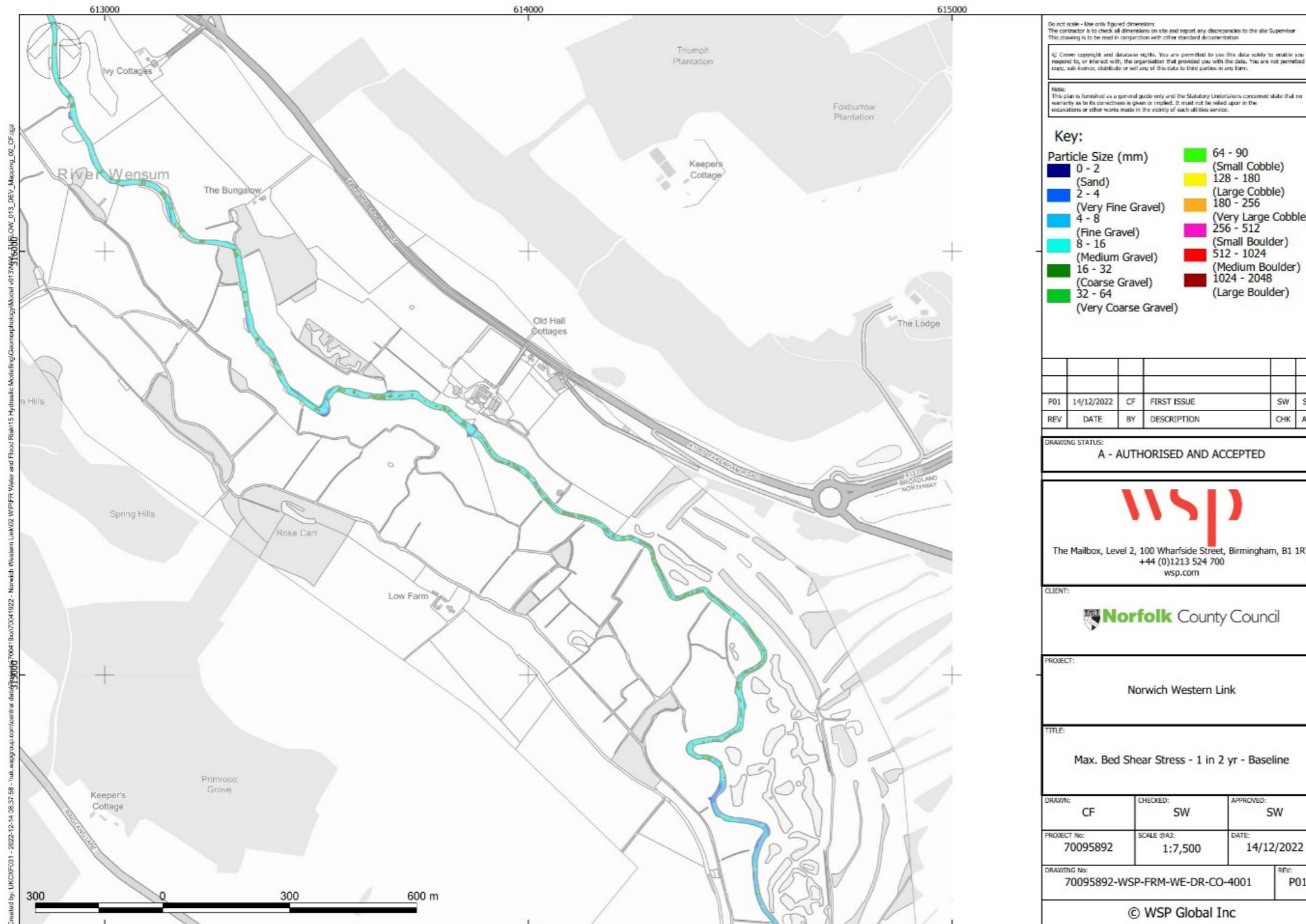


Figure 2 Drawing 70095892-WSP-FRM-WE-DR-CO-4002 – Max Bed Shear Stress – 1 in 20yr– Baseline

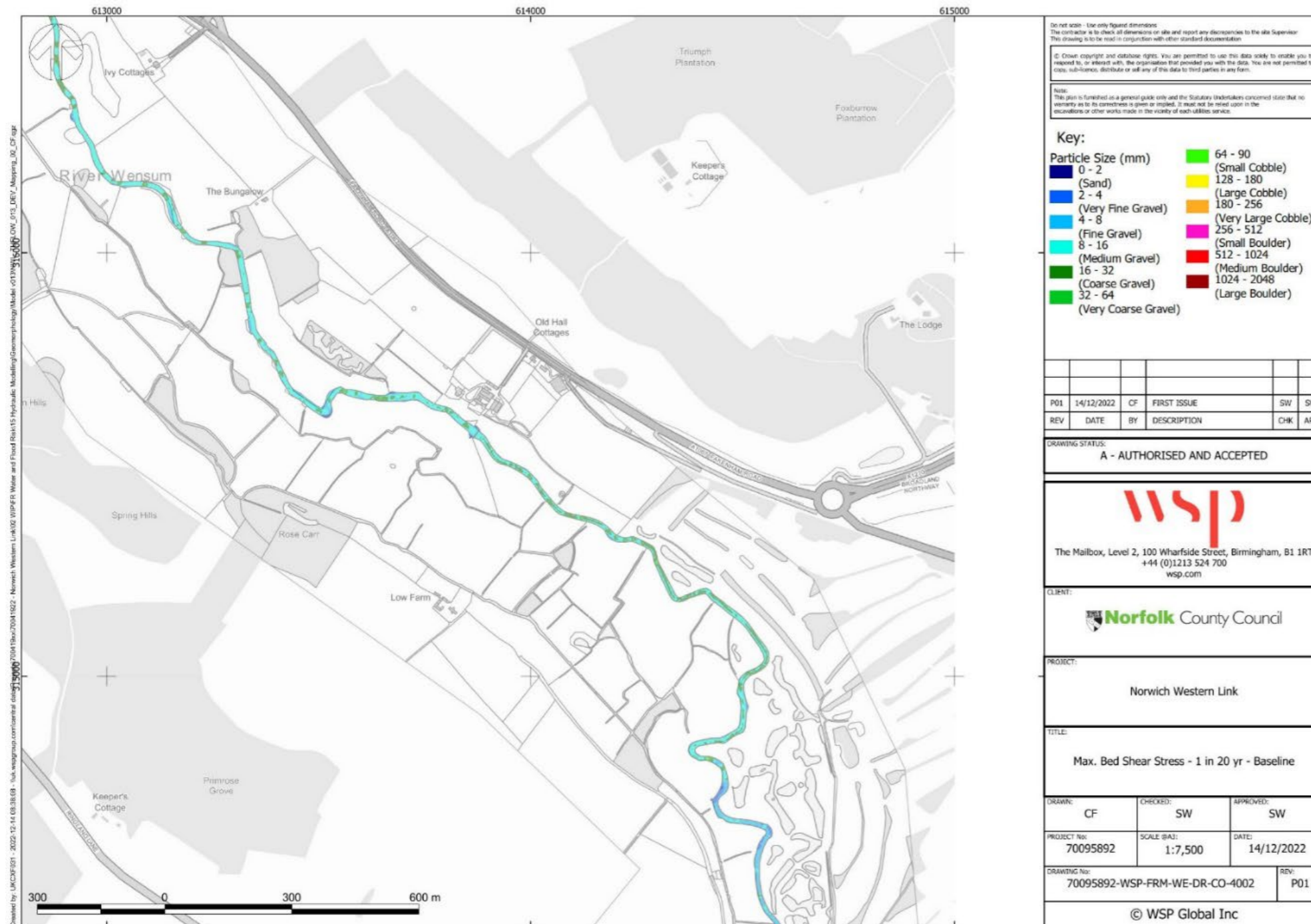


Figure 3 Drawing 70095892-WSP-FRM-WE-DR-CO-4003 – Max Bed Shear Stress – 1 in 100yr– Baseline

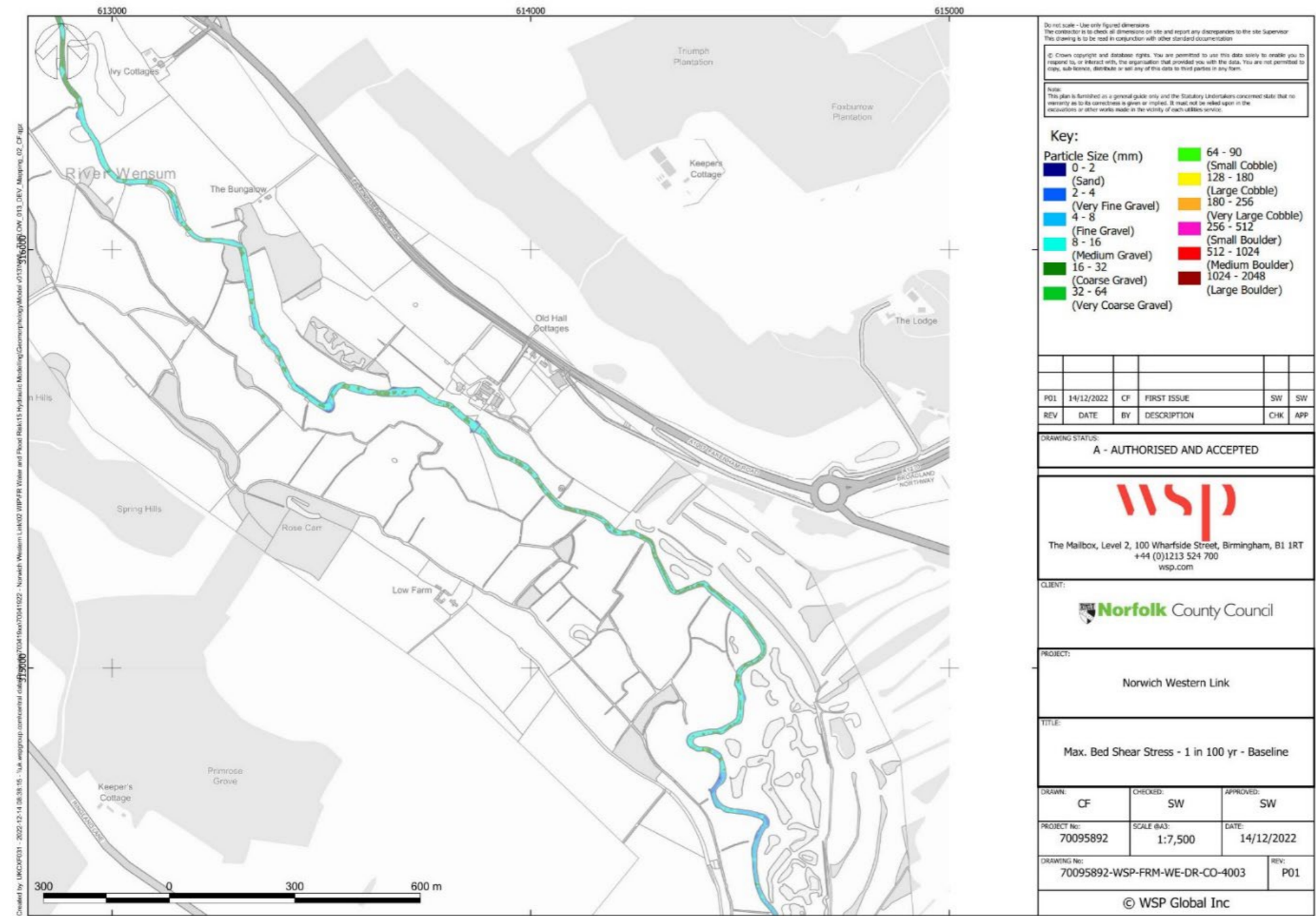


Figure 4 Drawing 70095892-WSP-FRM-WE-DR-CO-4004 – Max Bed Shear Stress – 1 in 100yr +20% Climate Change – Baseline

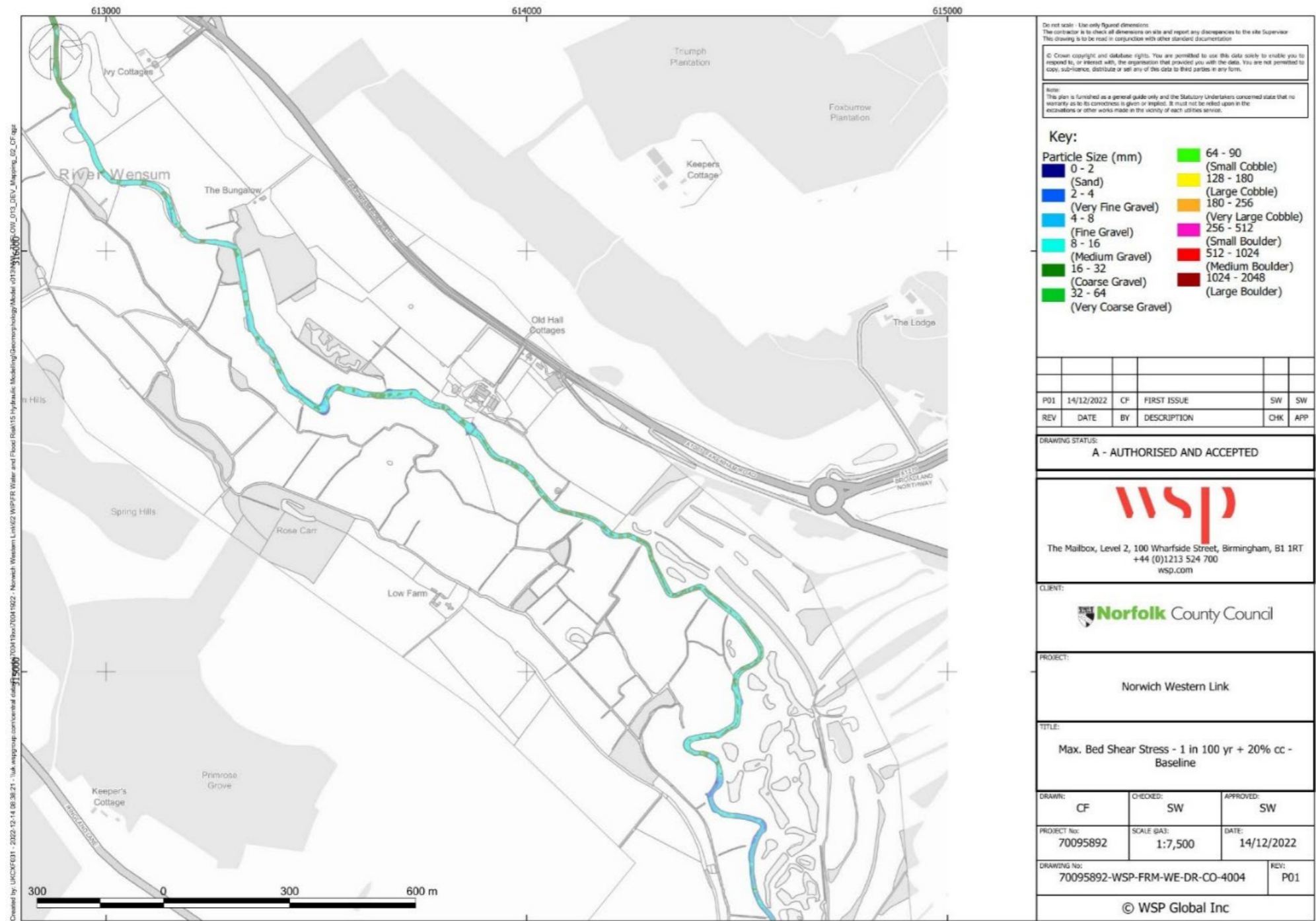


Figure 5 Drawing 70095892-WSP-FRM-WE-DR-CO-4009 – Max Bed Shear Stress – 1 in 2yr – With scheme in operation and shading impacts

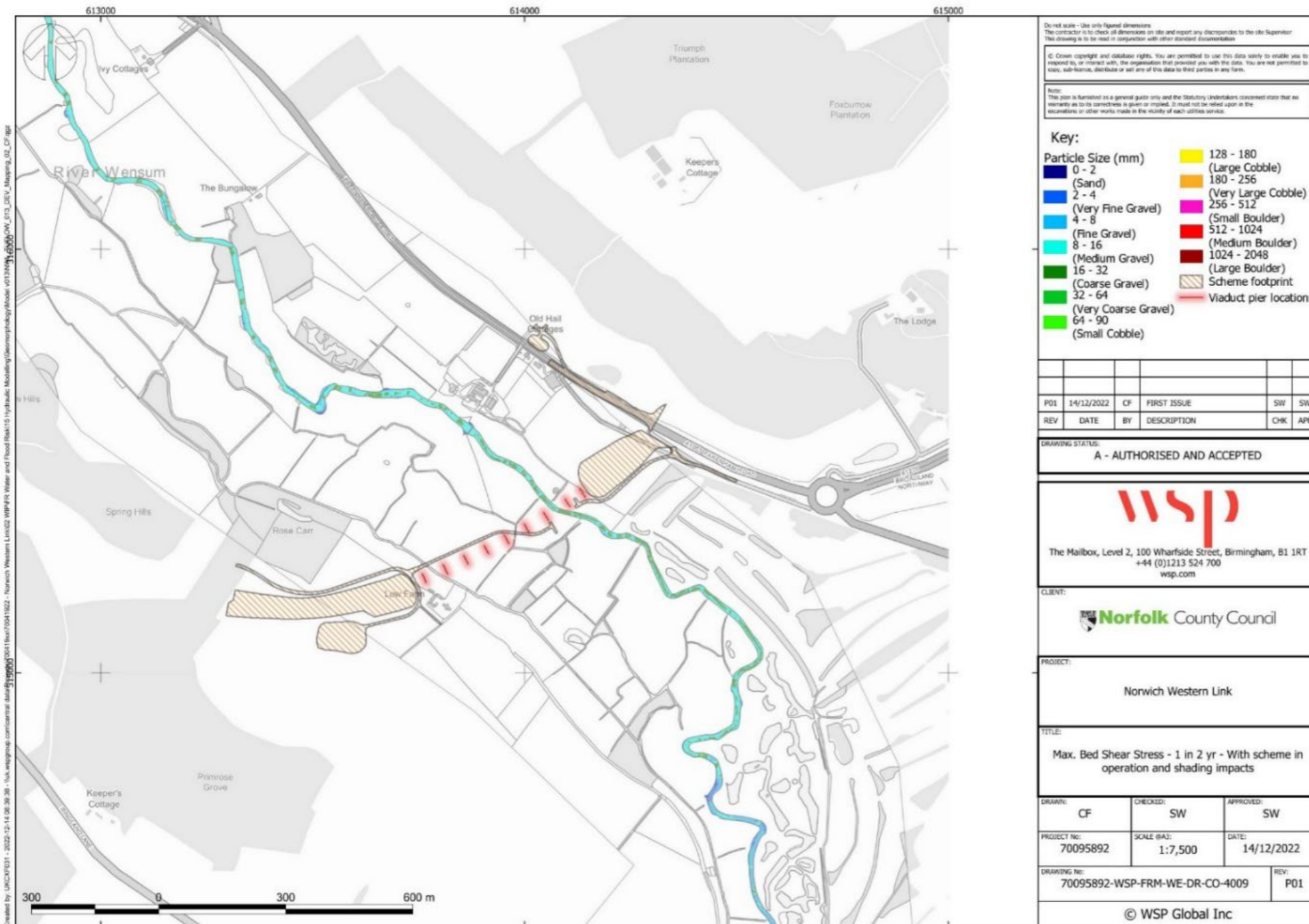


Figure 6 Drawing 70095892-WSP-FRM-WE-DR-CO-4010 – Max Bed Shear Stress – 1 in 20yr – With scheme in operation and shading impacts

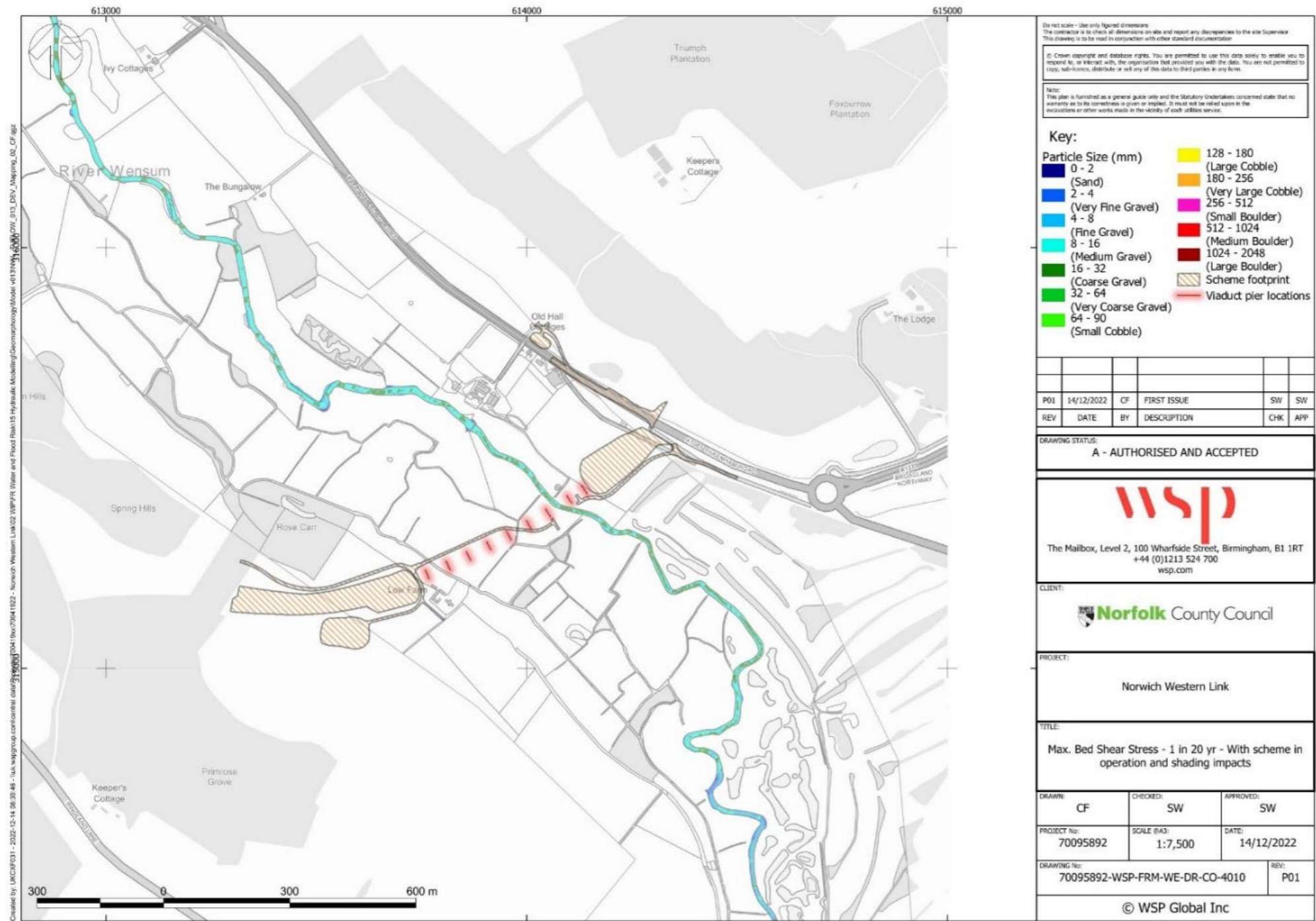


Figure 7 Drawing 70095892-WSP-FRM-WE-DR-CO-4011 – Max Bed Shear Stress – 1 in 100yr – With scheme in operation and shading impacts

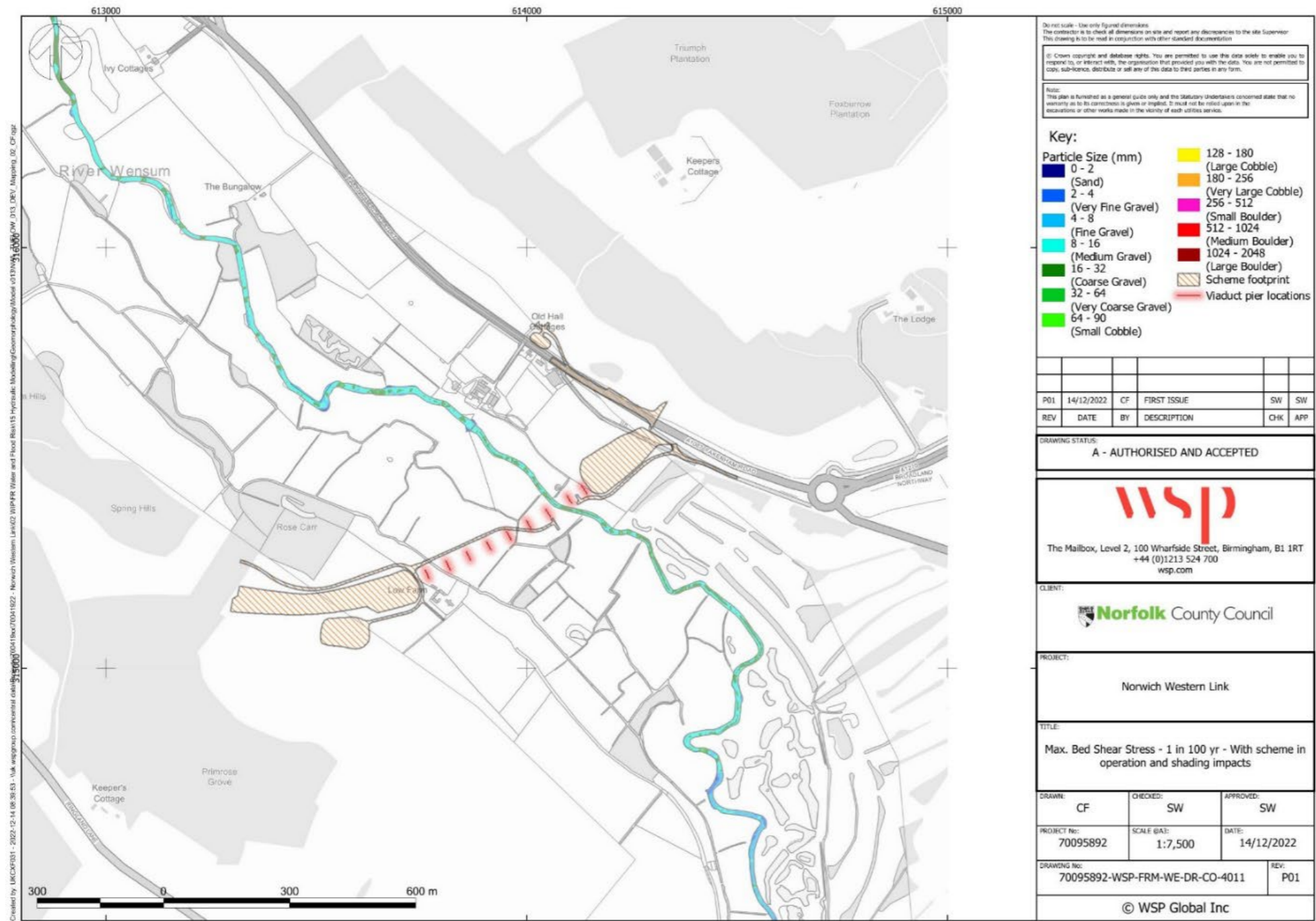


Figure 8 Drawing 70095892-WSP-FRM-WE-DR-CO-4012 – Max Bed Shear Stress – 1 in 100yr +20% Climate Change – With scheme in operation and shading impacts

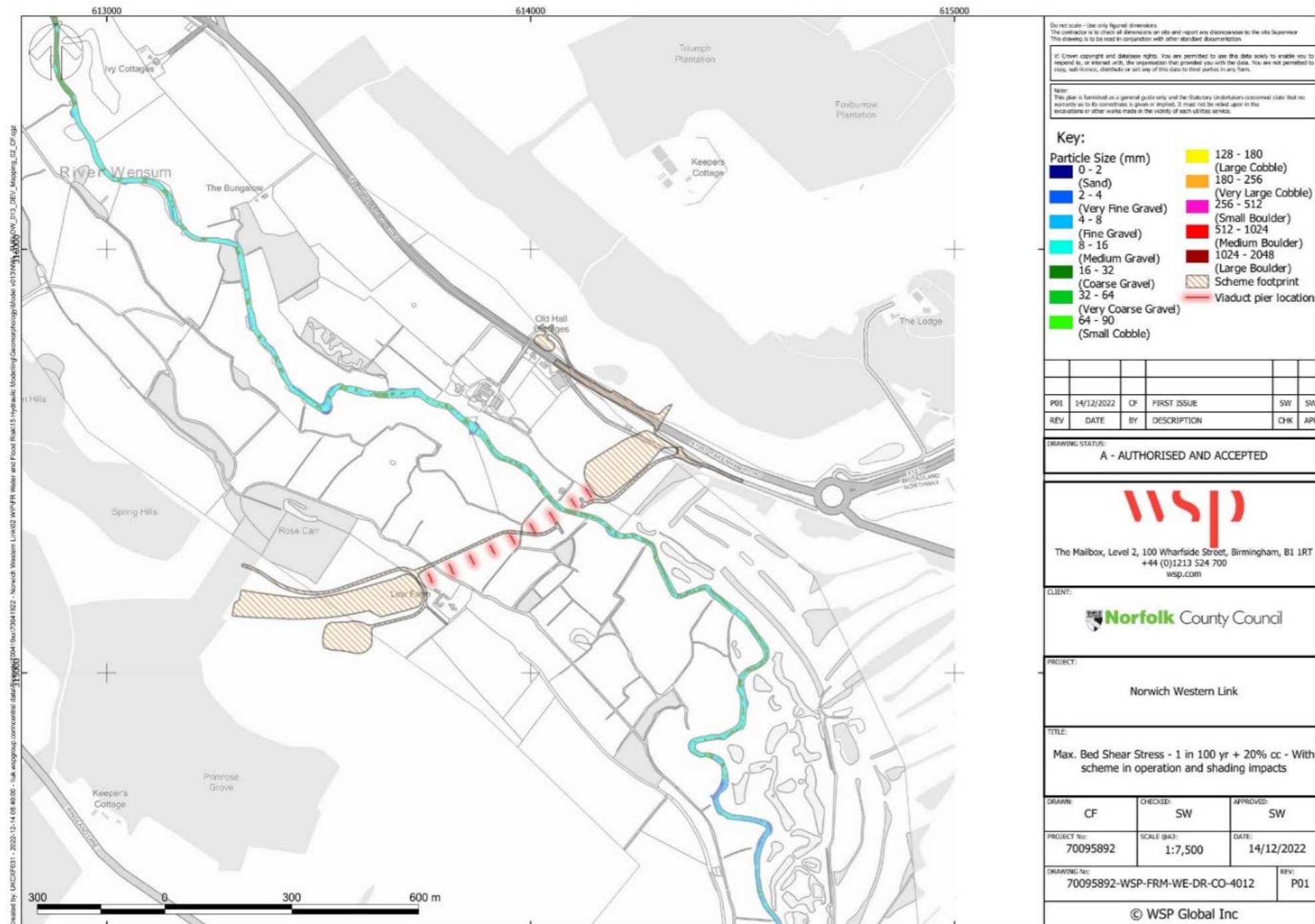


Figure 9 Drawing 70095892-WSP-FRM-WE-DR-CO-4013 – Max Bed Shear Stress – 1 in 2yr– With scheme in operation

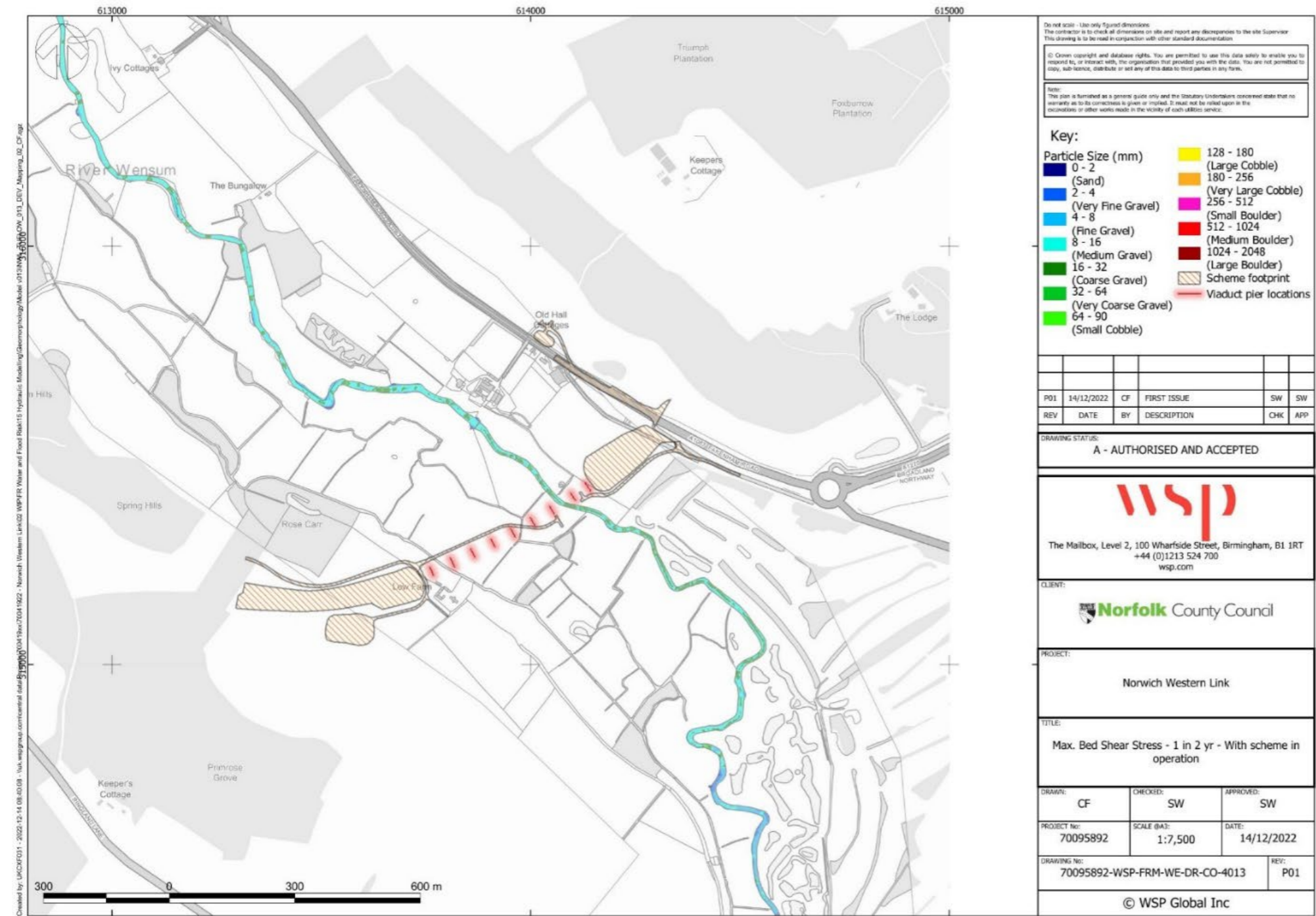


Figure 10 Drawing 70095892-WSP-FRM-WE-DR-CO-4014 – Max Bed Shear Stress – 1 in 20yr– With scheme in operation

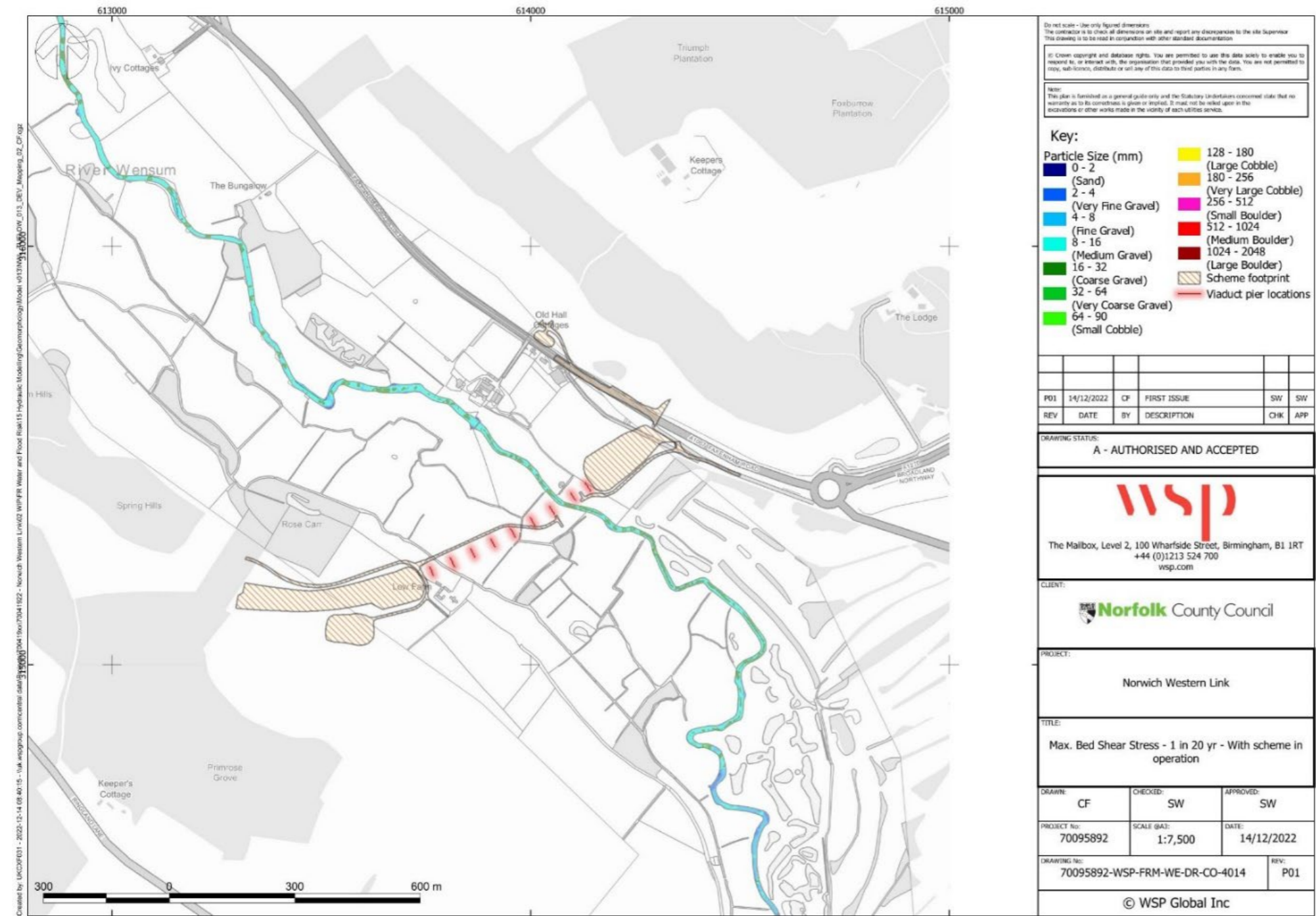


Figure 11 Drawing 70095892-WSP-FRM-WE-DR-CO-4015 – Max Bed Shear Stress – 1 in 100yr– With scheme in operation

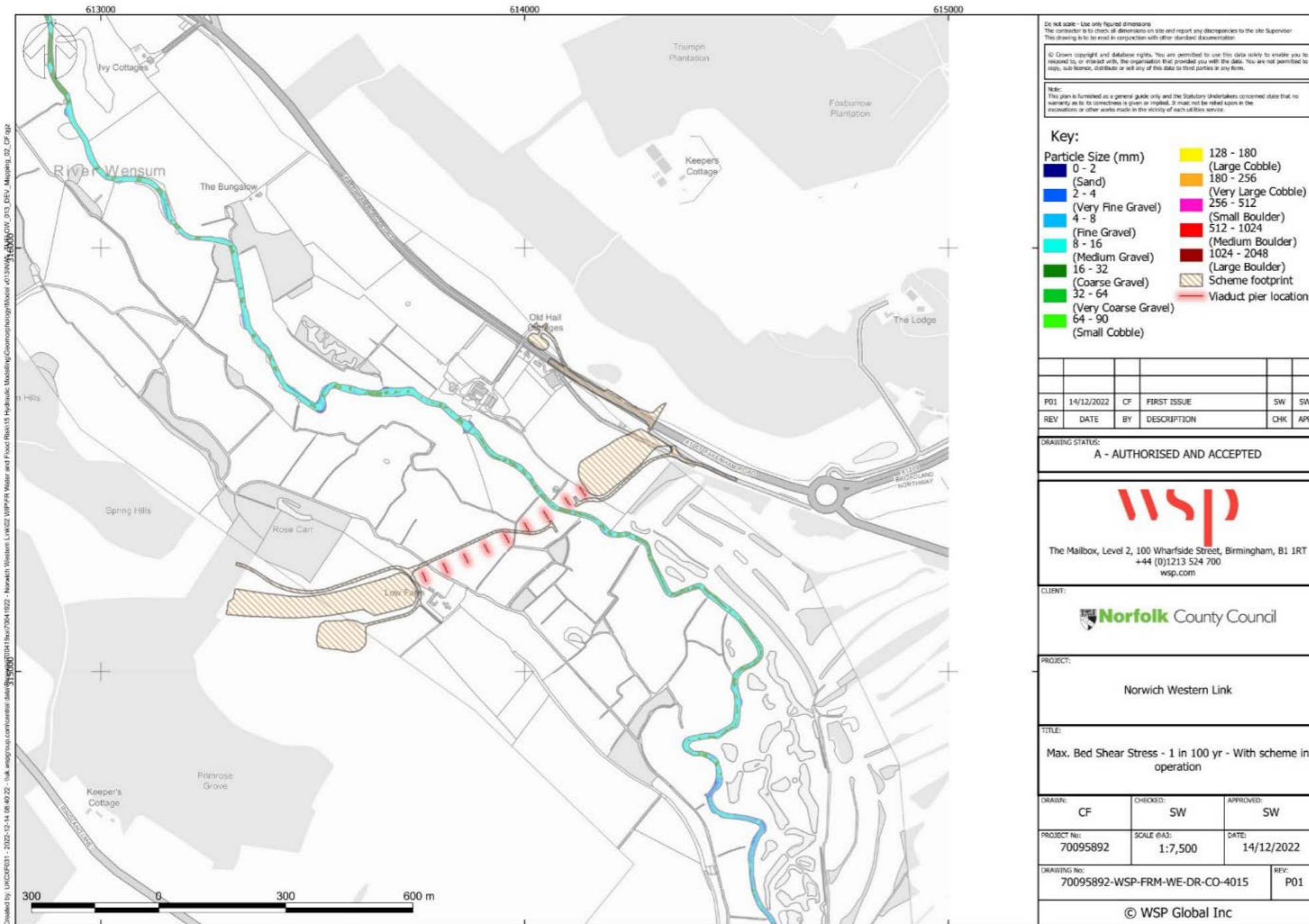


Figure 12 Drawing 70095892-WSP-FRM-WE-DR-CO-4016 – Max Bed Shear Stress – 1 in 100yr +20% Climate Change – With scheme in operation

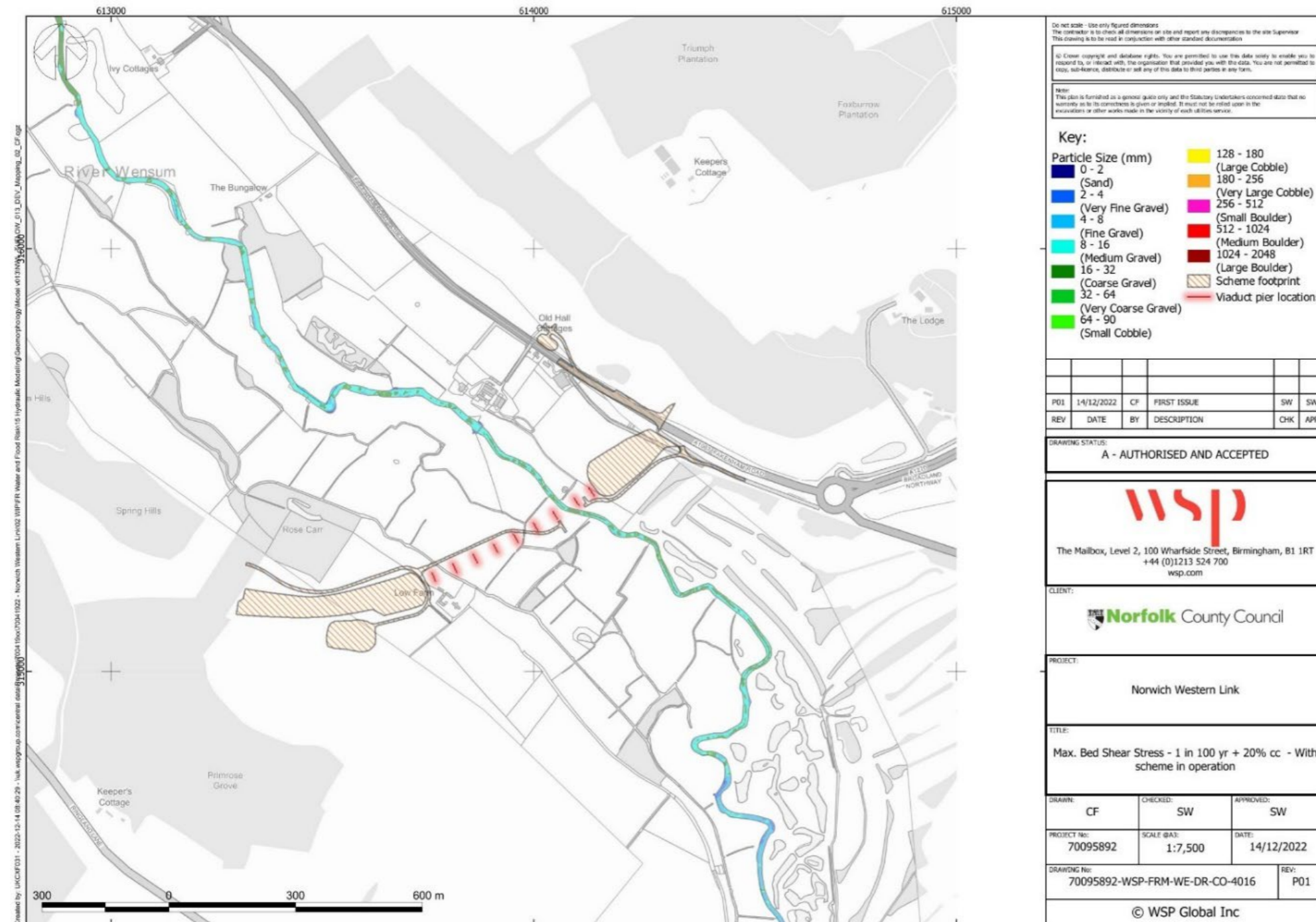


Figure 13 Drawing 70095892-WSP-FRM-WE-DR-CO-4005 – Max Bed Shear Stress – 1 in 2yr – With temporary works in operation

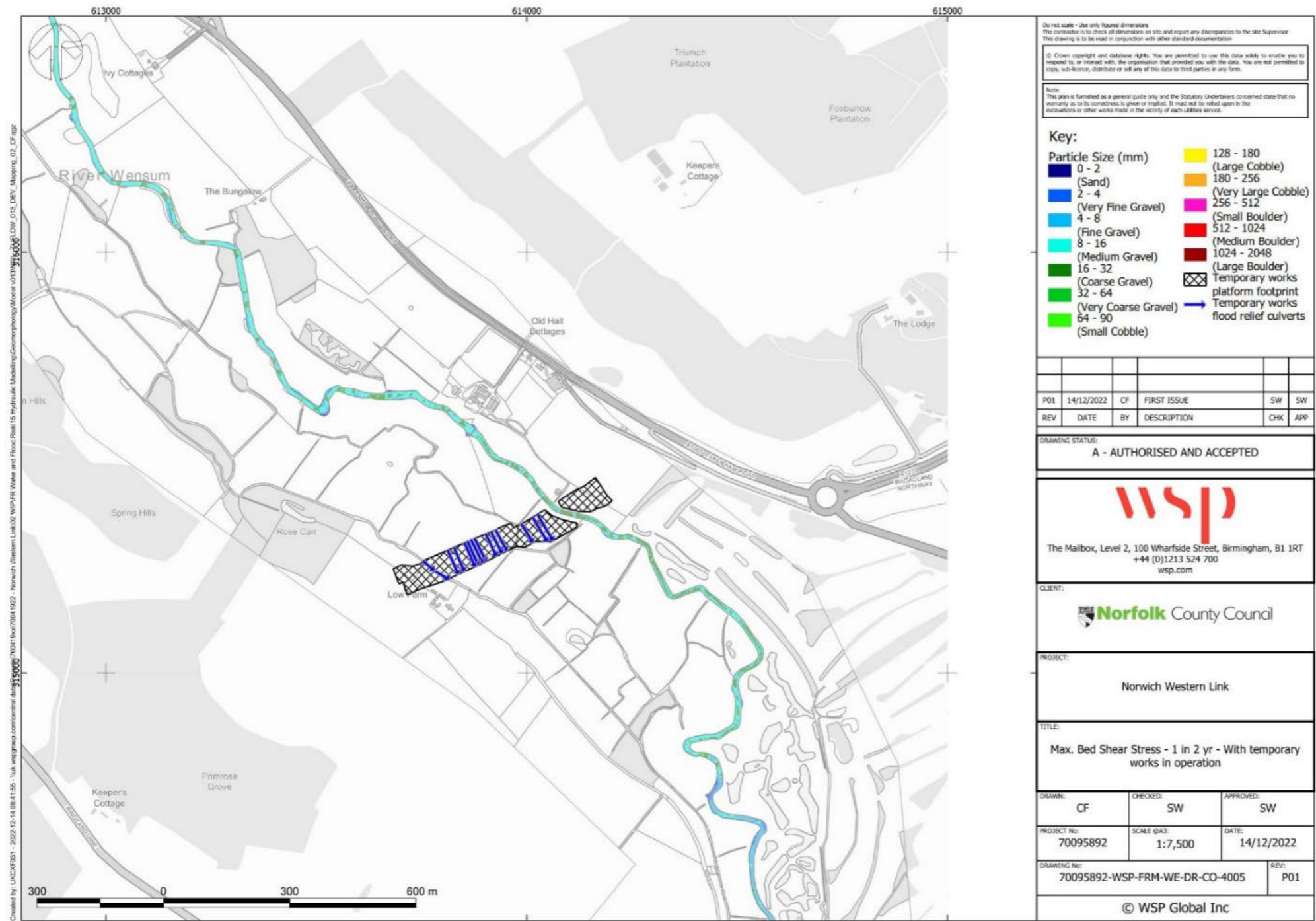


Figure 14 Drawing 70095892-WSP-FRM-WE-DR-CO-4006 – Max Bed Shear Stress – 1 in 20yr – With temporary works in operation

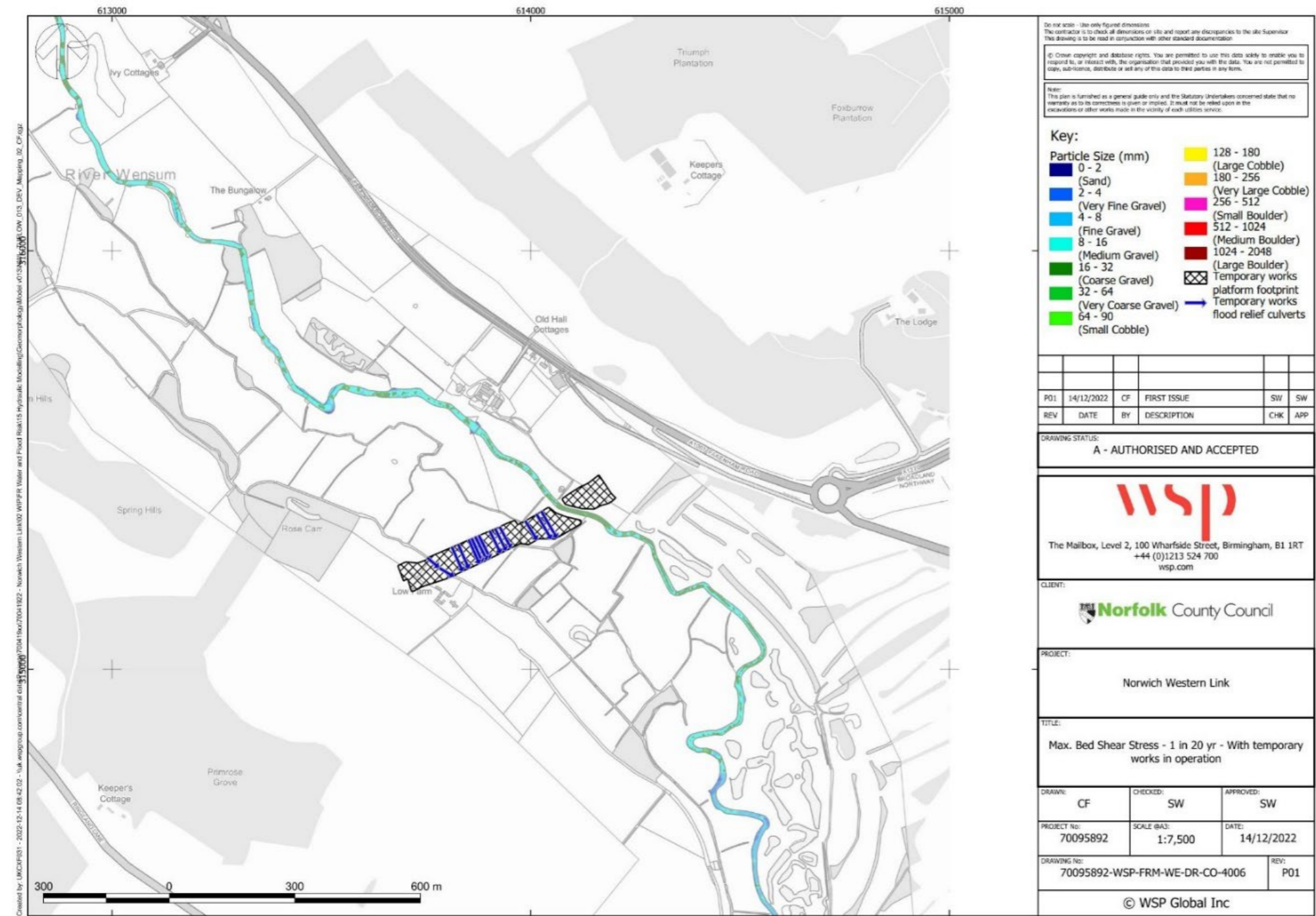


Figure 15 Drawing 70095892-WSP-FRM-WE-DR-CO-4007 – Max Bed Shear Stress – 1 in 100yr – With temporary works in operation

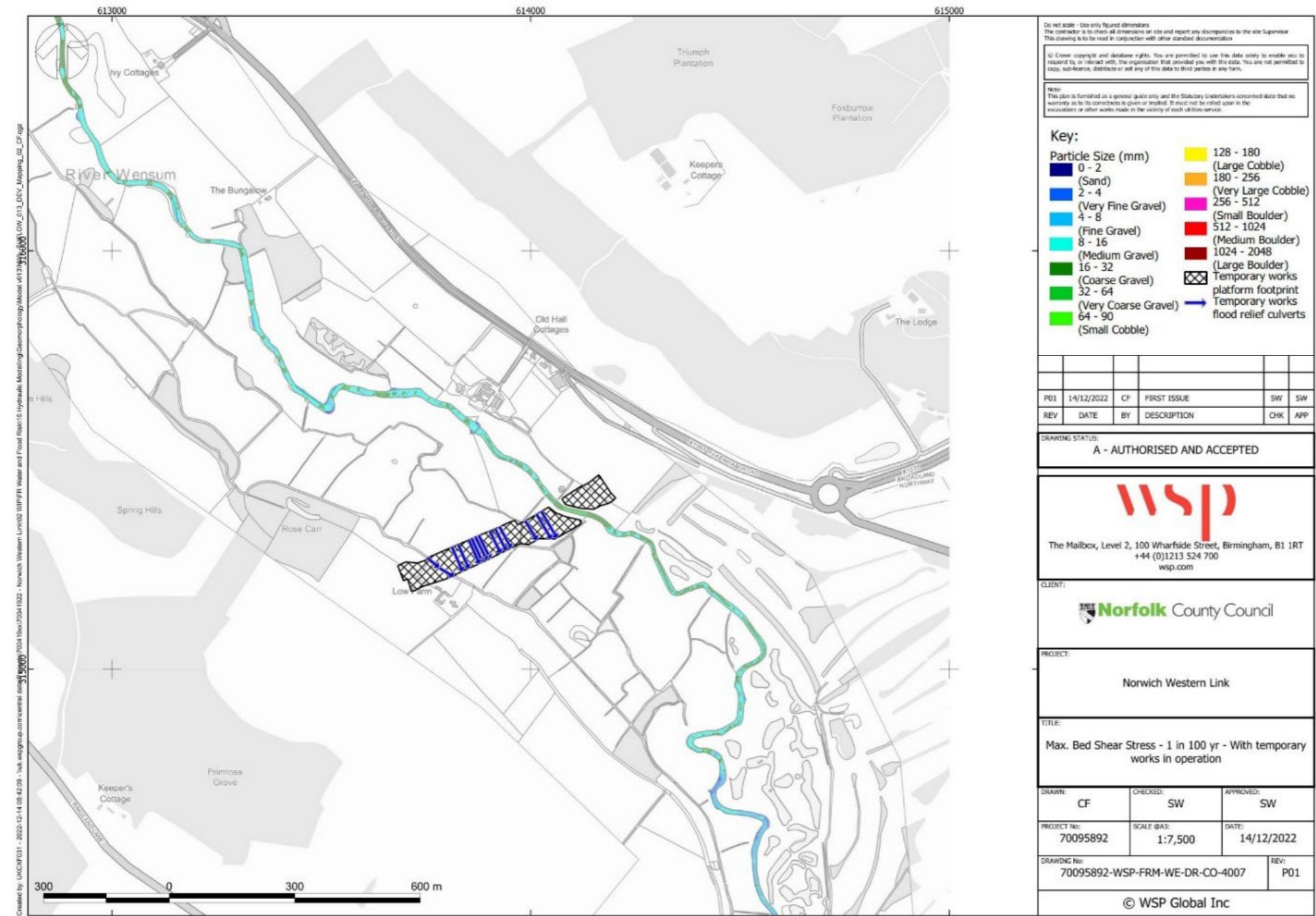


Figure 16 Drawing 70095892-WSP-FRM-WE-DR-CO-4008 – Max Bed Shear Stress – 1 in 100yr +20% Climate Change – With temporary works in operation

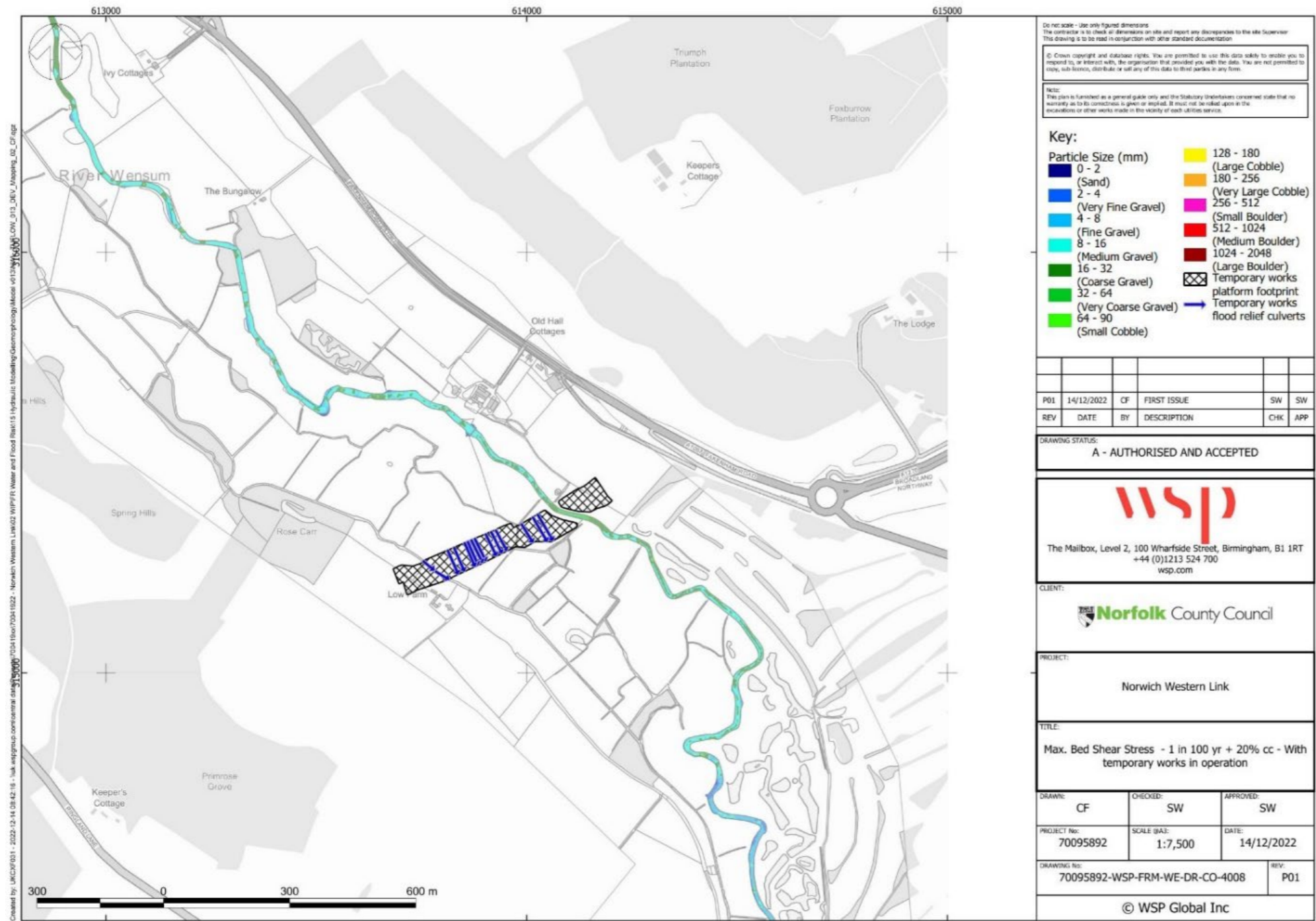


Figure 17 Drawing 70095892-WSP-FRM-WE-DR-CO-4085 – Max Bed Shear Stress – 1 in 2yr – With temporary works in operation and shading impacts

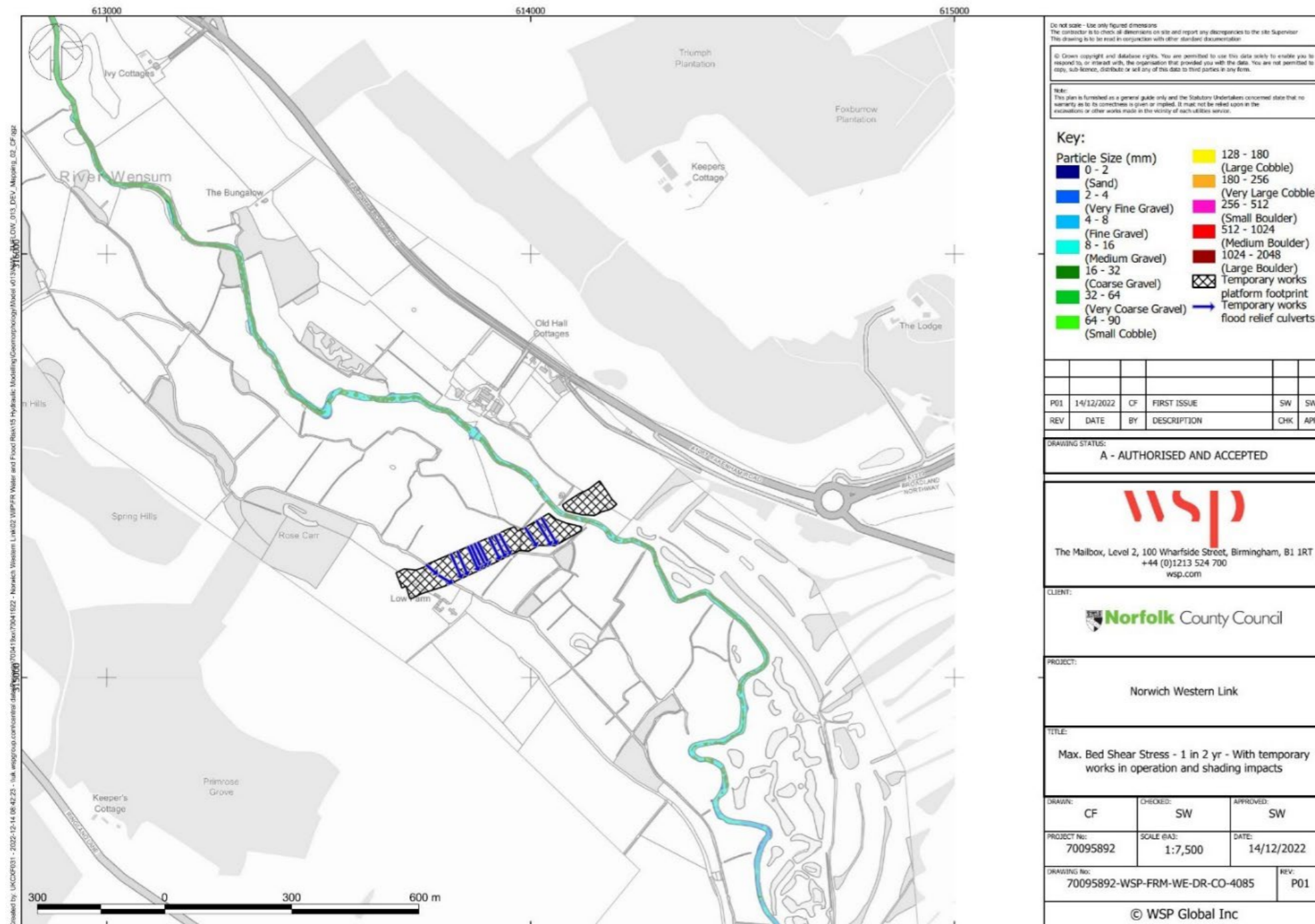


Figure 18 Drawing 70095892-WSP-FRM-WE-DR-CO-4086 – Max Bed Shear Stress – 1 in 20yr – With temporary works in operation and shading impacts

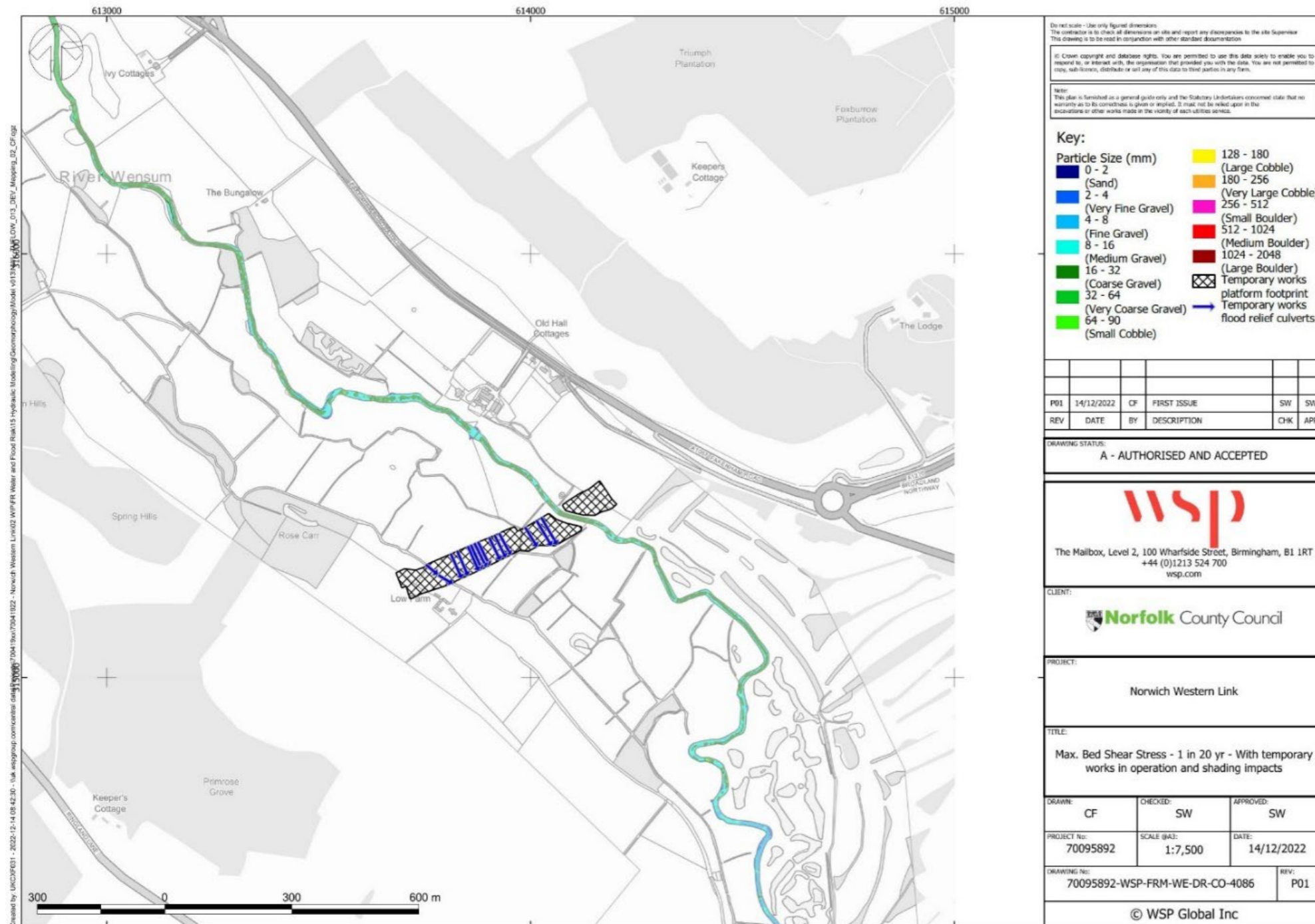


Figure 19 Drawing 70095892-WSP-FRM-WE-DR-CO-4087 – Max Bed Shear Stress – 1 in 100yr – With temporary works in operation and shading impacts

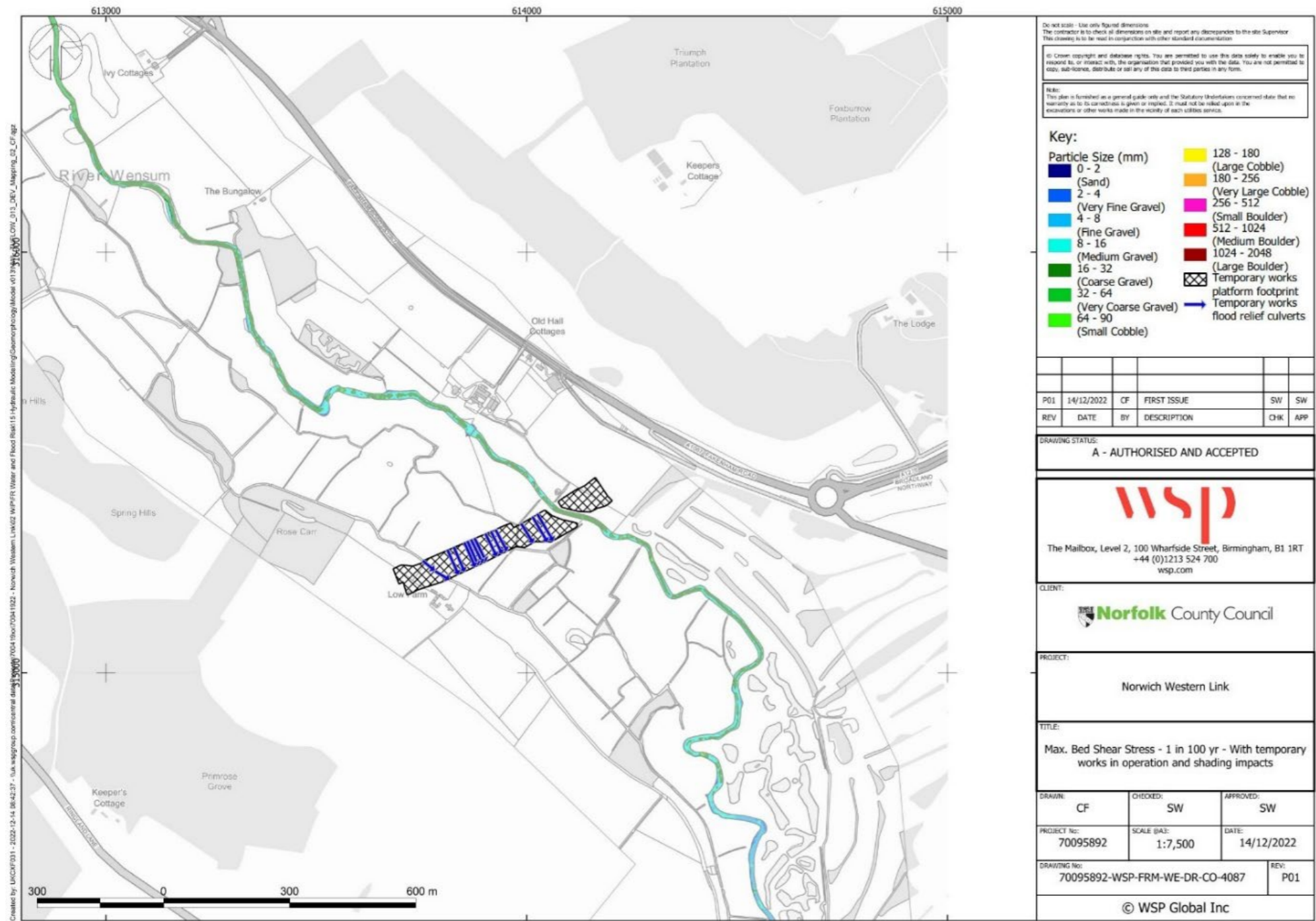


Figure 20 Drawing 70095892-WSP-FRM-WE-DR-CO-4088 – Max Bed Shear Stress – 1 in 100yr +20% Climate Change – With temporary works in operation and shading impacts

