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Investigation"; "5.3.6 Field Inspectors"; "5.3.7 Flexibility to Accommodate the Unexpected"; "5.3.8 Record and Report Everything"; "6 Design of Compaction Grouting"; "6.1 Introduction"; "6.2 Geometric Idealization of the Grout Mass"; "6.3 Suitability of In Situ Soil for Compaction Grouting"; "6.4 Pressure-Volume Behavior of In Situ Soil"; "6.5 Pressure-Volume Behavior of Grout"; "6.6 Pressure Losses in the Casing"; "6.7 Injection Sequence"; "6.8 Injection Spacing"; "6.9 Estimating Grout Quantities"; "6.9.1 Densification"; "6.10 Limitations on Grout Injection"; "6.10.1 Soil Confinement"; "6.10.2 Influence on Structures"; "6.11 Measuring Refusal"; "6.12 Grouting Records"; "7 Analysis of Compaction Grouting"; "7.1 Introduction"; "7.2 Methods of Analysis"; "7.2.1 Geometric Idealization"; "7.2.2 Alternative Soil Models"; "7.2.3 Importance of Large Strain"; "7.2.4 Simple Approach"; "7.2.5 Numerical Cavity Expansion"; "7.2.6 Commercial Finite Element Codes"; "7.2.7 Consolidation of the In Situ Soil during and after Grouting"; "7.3 Importance of Monitoring Grout Injection"; "7.4 Centrifuge Modeling"; "7.5 Field Trials"; "8 Verification of Grouting Effectiveness"; "8.1 Overview of Verification Program Development"; "8.2 Planning an Effective Program"; "8.2.1 Goals of Verification"; "8.2.2 Verification by Design"; "8.2.3 Test or Preconstruction Grouting"; "8.2.4 Monitoring During Construction"; "8.3 Verification Methods"; "8.4 Detecting Movement"; "8.4.1 Crack Monitors"
