Contents

List of Figures	3
List of Tables	4
List of Appendices	4
Introduction	5
Features	5
Suggestions for Use	11
Methods of Analysis and Assumptions	11
Static Stability Calculations	11
Seismic Earth Pressure Loads	11
Seismic Parameters	11
Determination of Site Classification	12
Seismic Earth Pressure for Global Stability - Wedge Analysis	18
Soil-Wall Friction Angle and Adhesion Correlations	22
Seismic Earth Pressure for Structural Analysis - Wood's Simplified Procedure	23
Sliding Resistance	27
Overturning Stability	31
Bearing Pressure	33
Distribution of Bearing Pressure for Bearing Capacity	33
Distribution of Bearing Pressure for Determining the Footing Thickness	33
Overall Stability	34
Displacement Calculations	35
References	35
Appendices	37