

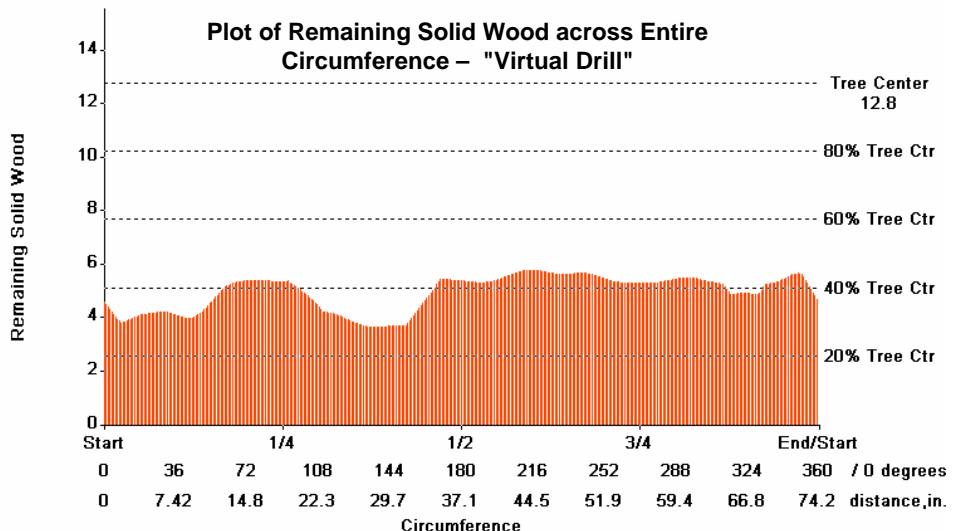
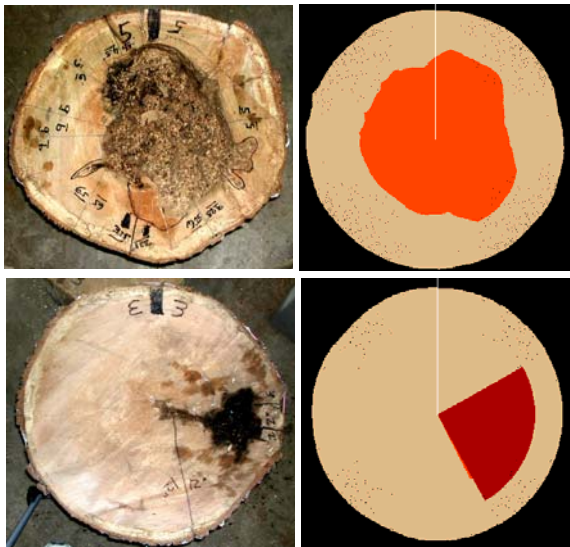
TRU™ (Tree Radar Unit)

Non-Invasive Inspection of Trunks and Roots

Trunk Inspection – "Virtual Drill"



- Rapid, Non-Invasive Inspection
- Multi-Elevation Scans – Four to Six Elevations Scanned
- Minimal Setup & Scan Times – Entire Multi-Elevation Trunk Scanned in 20 minutes
- Image of Predicted Internal Cross-Sectional View for each Elevation Scanned – "Virtual Saw Cut"
- Plot of Remaining Solid Wood across Entire Circumference – "Virtual Drill"
- Detect Hollows and Early-Stage Incipient Decay ("Punky" Wood)
- High-Elevation Scanning
- Sector Scans – for Trunks or Limbs with Accessibility Problems
- Professional Analysis Report



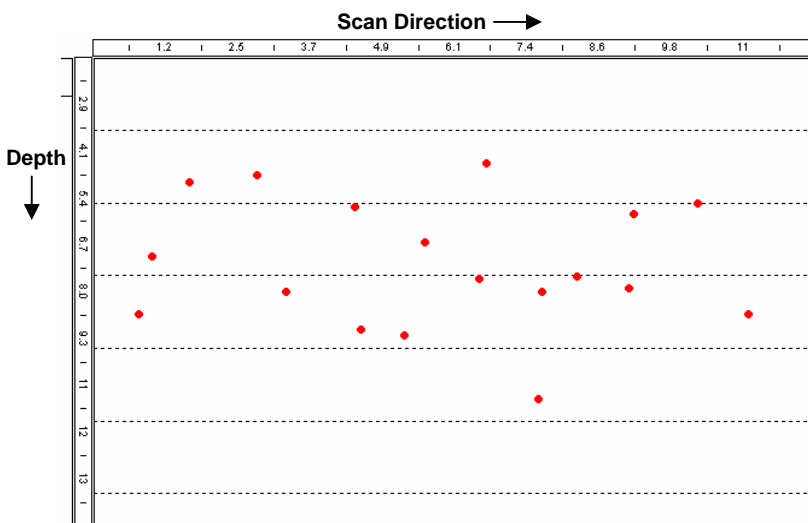
TRU™ (Tree Radar Unit)

Non-Invasive Inspection of Trunks and Roots

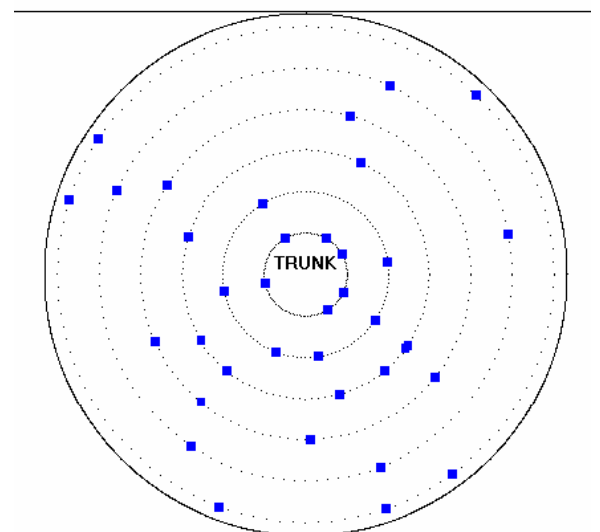
Root Inspection – "Virtual Excavator"



- Rapid, Non-Invasive Inspection of Subsurface Structural Roots
- Depth Penetration down to 1 meter
- Minimal Setup & Scan Times – Typically 30 to 60 minutes for a Multi-Line Scan
- Scan either in Straight Lines Parallel to Tree or in Concentric Circular Lines around Tree
- Detection of Structural Roots as small as 0.4in (1cm)
- Subsurface 2D Image of Root Location and Depth for each Line Scanned – "Virtual Trench"
- Top-Down 3D Image of Root Layout and Density – "Virtual Excavator"
- Detect and Image Roots under Covered Soil such as Asphalt, Concrete, and Paving Slabs
- Professional Analysis Report



"Virtual Trench" - 2D Planar Depth Image of Root Location (top scale, ft) and Depth (left scale, in) for One Scan Line



"Virtual Excavator" - Top-Down 3D Image of Root Layout and Density