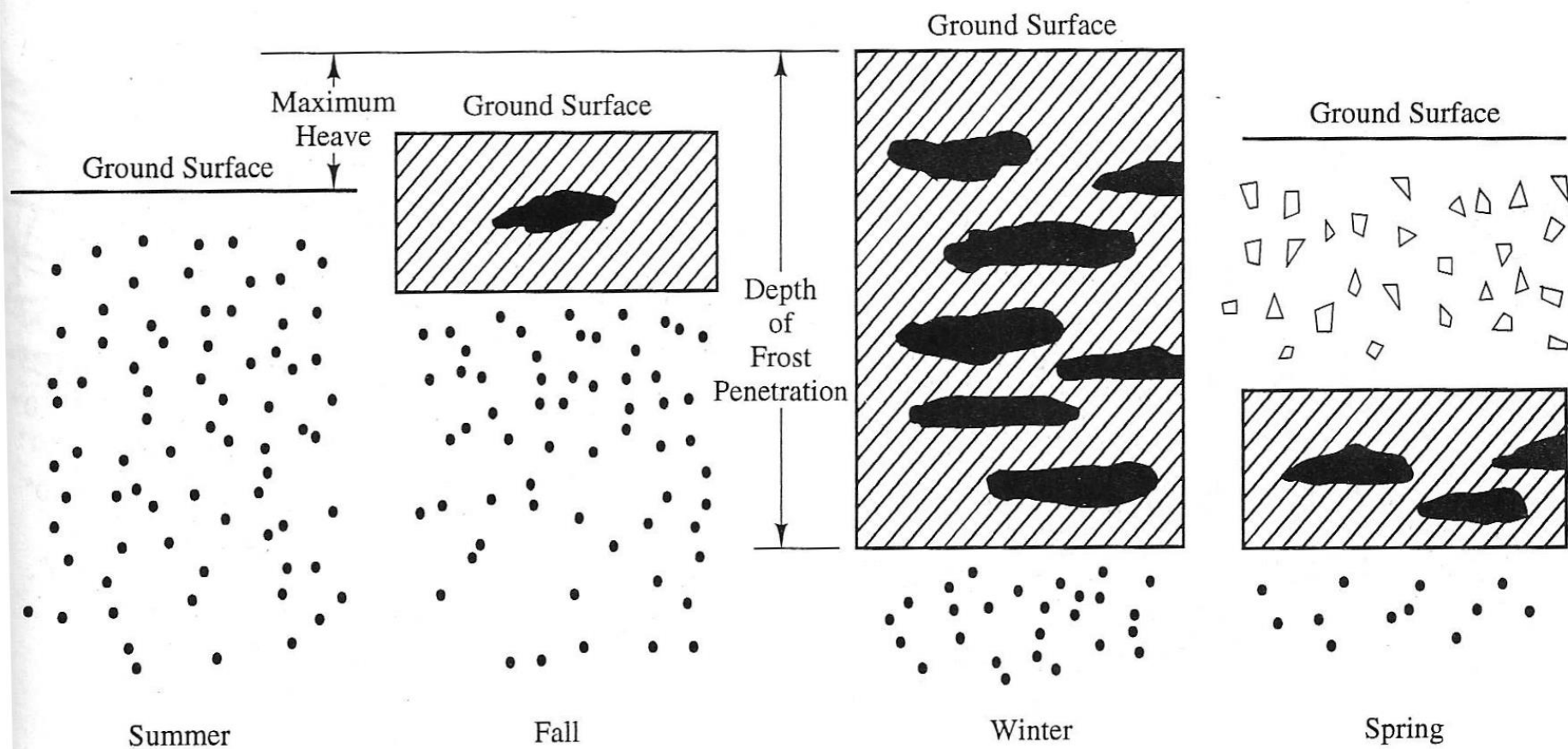


Tennis Courts

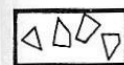
- Severe Cracking has occurred to both courts
 - One court is not usable
 - One court is play at your risk
- Major rehabilitation is required



Unfrozen Soil



Frozen Soil



Recently Thawed, Moisture-Softened Soil



Ice Lens

Causes of Frost Heave

- Supply of water
- Soil must be either a fine sandy silt or a silty fine sand
- Several days of below freezing temperatures

Engineering Solution

- Need topographic survey of the area
- Place and Compact a layer of non-susceptible base stone on the existing tennis court pavements
 - Raises the grade
 - Creates a buffer layer to prevent frost
- Then place tennis court paved surface

Need for three separate contractors

- Earthwork and demolition contractor
 - Removes fence and tennis nets
 - Constructs base stone pad
- Tennis Court contractor
 - Paves and paints courts on prepared base stone pad
 - Installs nets
- Fencing contractor