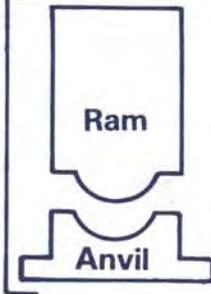
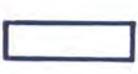




# Pile and Driving Equipment Data Form

|   |   |                               |                               |                               |
|---|---|-------------------------------|-------------------------------|-------------------------------|
| <b>Project Name:</b><br><b>Project No.:</b><br><b>Route No.:</b>  | <b>Structure Name:</b><br><b>Structure No.:</b><br><b>Pile Driving Contractor:</b><br><b>Foreperson:</b>  |                               |                               |                               |
| <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-right: 5px;">Hammer Components</div>  <div style="margin-left: 10px;">Hammer</div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;">  <div style="margin-left: 10px;">Capblock<br/>(Hammer Cushion)</div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;">  <div style="margin-left: 10px;">Pile Cap</div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;">  <div style="margin-left: 10px;">Pile Cushion</div> </div> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;">Pile</div> </div> </div> | <b>Manufacturer:</b><br><b>Type:</b><br><b>Rated Energy (kip-ft):</b><br><b>Length of Stroke (ft):</b><br><b>Model:</b><br><b>Serial No.:</b>                                     |                               |                               |                               |
|   | <b>Modifications:</b>   |                               |                               |                               |
|   | <b>Material:</b>  |                               |                               |                               |
|   | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"><b>Thickness (in):</b></td> <td><b>Area (in<sup>2</sup>):</b></td> </tr> </table> |                               | <b>Thickness (in):</b>        | <b>Area (in<sup>2</sup>):</b> |
|   | <b>Thickness (in):</b>  | <b>Area (in<sup>2</sup>):</b> |                               |                               |
|   | <b>Modulus of Elasticity – E (ksi):</b>   |                               |                               |                               |
|   | <b>Coefficient of Restitution-e:</b>  |                               |                               |                               |
|   | <b>Also named:</b><br>Helmet<br>Bonnet<br>Anvil Block<br>Drivehead  | <b>Weight (lbs):</b>          |                               |                               |
| <b>Cushion material:</b>  |   |                               |                               |                               |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"><b>Thickness (in):</b></td> <td><b>Area (in<sup>2</sup>):</b></td> </tr> </table>   |   | <b>Thickness (in):</b>        | <b>Area (in<sup>2</sup>):</b> |                               |
| <b>Thickness (in):</b>  | <b>Area (in<sup>2</sup>):</b>   |                               |                               |                               |
| <b>Modulus of Elasticity – E (ksi):</b>   |   |                               |                               |                               |
| <b>Coefficient of restitution – e:</b>  |   |                               |                               |                               |
| <b>Pile Type &amp; Size:</b>  |   |                               |                               |                               |
| <b>Length (in Leads) (ft):</b>  |   |                               |                               |                               |
| <b>Weight (lb/ft):</b>  |   |                               |                               |                               |
| <b>Wall thickness (in):</b>   |   |                               |                               |                               |
| <b>Taper:</b>   |   |                               |                               |                               |
| <b>Cross Sectional Area (in<sup>2</sup>):</b>   |   |                               |                               |                               |
| <b>Ultimate Axial Pile Capacity (kips):</b>   |   |                               |                               |                               |
| <b>Steel Yield Strength (ksi):</b>  |   |                               |                               |                               |
| <b>Description of Splice:</b>   |   |                               |                               |                               |
| <b>Tip Treatment Description:</b>   |   |                               |                               |                               |
| <b>Distribution- One copy each to:</b><br><br><input type="checkbox"/> State Structures Engineer<br><br><input type="checkbox"/> State Soils & Foundations Engineer<br><br><input checked="" type="checkbox"/> Resident Engineer:   | <b>NOTE: If mandrel is used to drive the pile, please attach separate manufacturer's detail sheet(s), including weight and dimensions.</b>  |                               |                               |                               |
|   |   |                               |                               |                               |
|   |   |                               |                               |                               |
| <b>Submitted by:</b><br><b>Title:</b>   | <b>Date:</b>  |                               |                               |                               |