Wood Router Sign Letter Plans Template
Project Title: Custom Wood Router Sign
Materials Needed:
- Wooden board (dimensions: ___ x ___)
- Wood router
- Router bits (choose appropriate size for lettering)
- Sandpaper (grit: ___)
- Wood stain or paint (optional)
- Clear wood finish (optional)
- Clamps
- Pencil
- Ruler or tape measure
- Safety goggles
- Dust mask
Design:
1. **Select Font Style**: Choose a font style for the letters (e.g., Block, Script).
2. **Letter Dimensions**: Decide on the height and width of each letter.
3. **Layout**:
 - Use ruler to measure and mark the center point on the board.
 - Sketch the letters on the board lightly with a pencil.
 - Ensure letters are evenly spaced and aligned.
Router Setup:
1. **Router Selection**: Choose a router suitable for your project.
2. **Bit Selection**: Attach the appropriate router bit for engraving.
3. **Depth Adjustment**: Set the depth of the router bit (recommendation: ___).
4. **Test Run**: Practice on a scrap piece of wood to ensure settings are correct.
Routing Process:
1. **Secure Board**: Clamp the wooden board securely to a flat surface.
2. **Start Router**: Turn on router and let it reach full speed.
3. **Engrave Letters**: Follow the pencil markings carefully, moving the router in a controlled manner.
4. **Clean Edges**: Use sandpaper to smooth out any rough edges after routing.
Finishing Touches:
1. **Stain/Paint**: Apply wood stain or paint if desired (method: brush/spray).
2. **Clear Finish**: Once dry, apply a clear wood finish to protect the letters.
3. **Final Inspection**: Check for any imperfections and touch up as needed.
Hanging/Displaying:
- Decide on a method to display the sign (e.g., wall mount, stand).
- Ensure the back of the sign is smooth and free of protruding edges.
Notes:
- Always wear safety goggles and a dust mask during the routing process.
- Adjust the plan according to the specific design and dimensions of your project.
Conclusion:
Complete your sign and enjoy the custom craftsmanship!