You are tasked with architecting the security infrastructure for a company's AWS environment. Your responsibility is to define both Security Group Policies (SGPs) and Network ACLs (NACLs) to ensure robust network security. Consider the following scenario:

The company is migrating its web application to AWS. The application consists of multiple tiers, including a web server tier, an application server tier, and a database tier. The web servers need to be accessible from the internet on ports 80 (HTTP) and 443 (HTTPS), while the application servers should only receive traffic from the web servers on designated ports. The database tier should only be accessible from the application servers on port 3306 (MySQL).