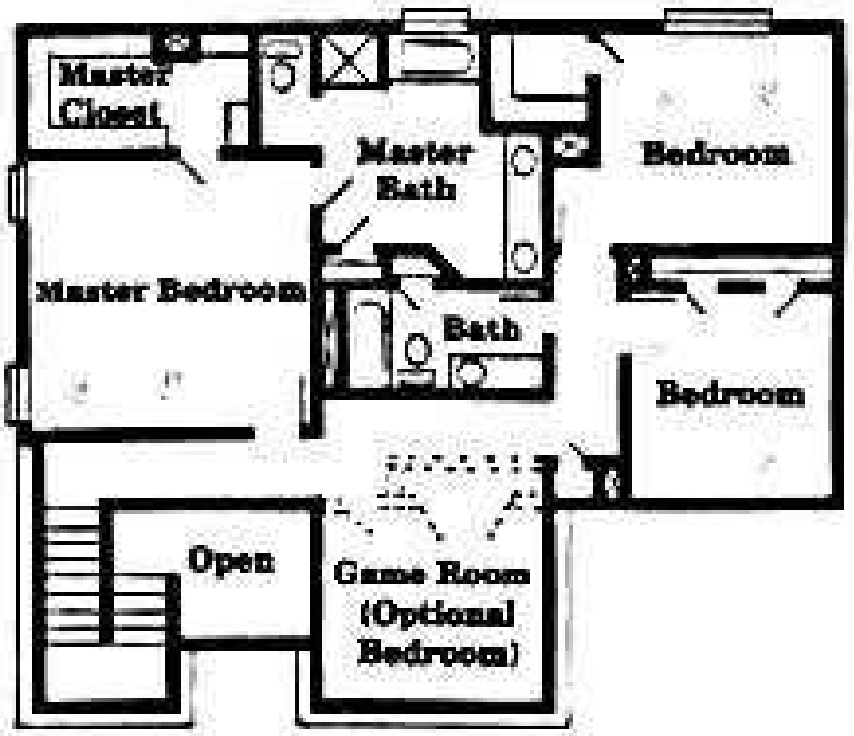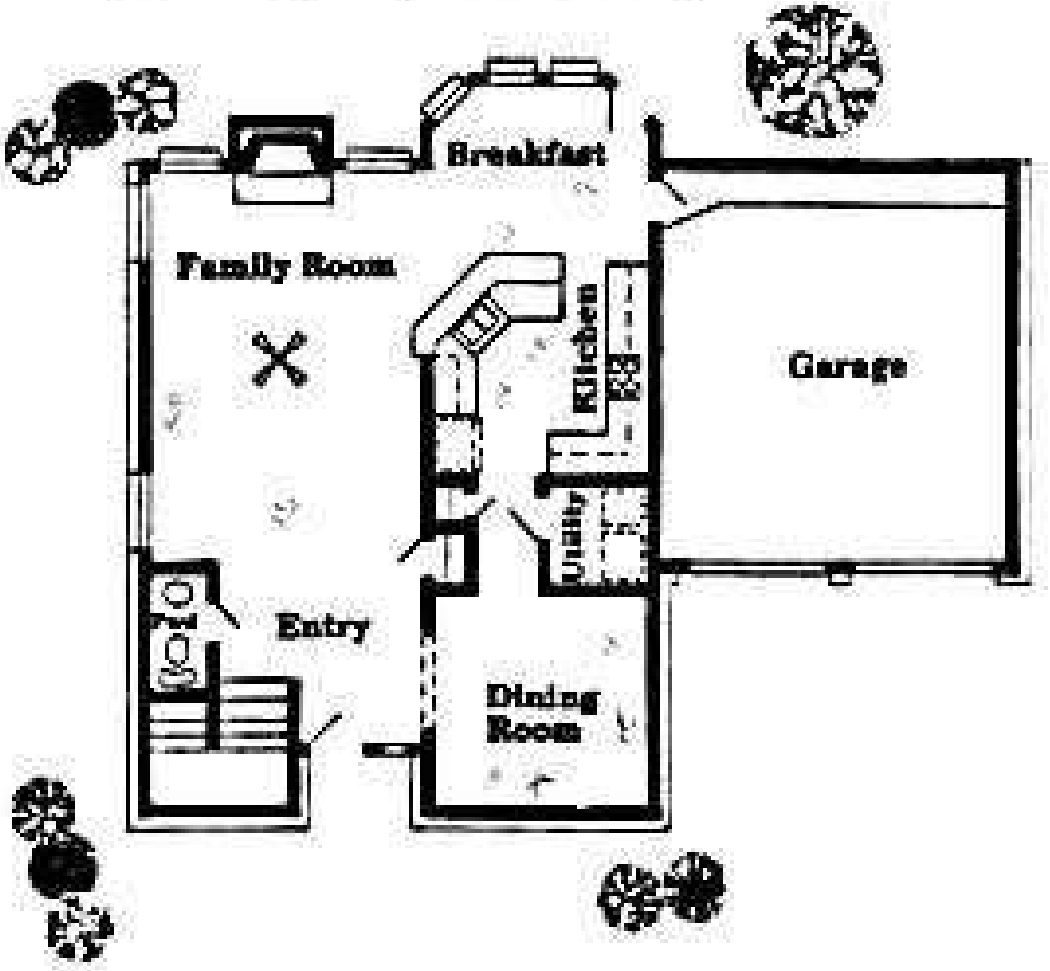the ARMSTRONG