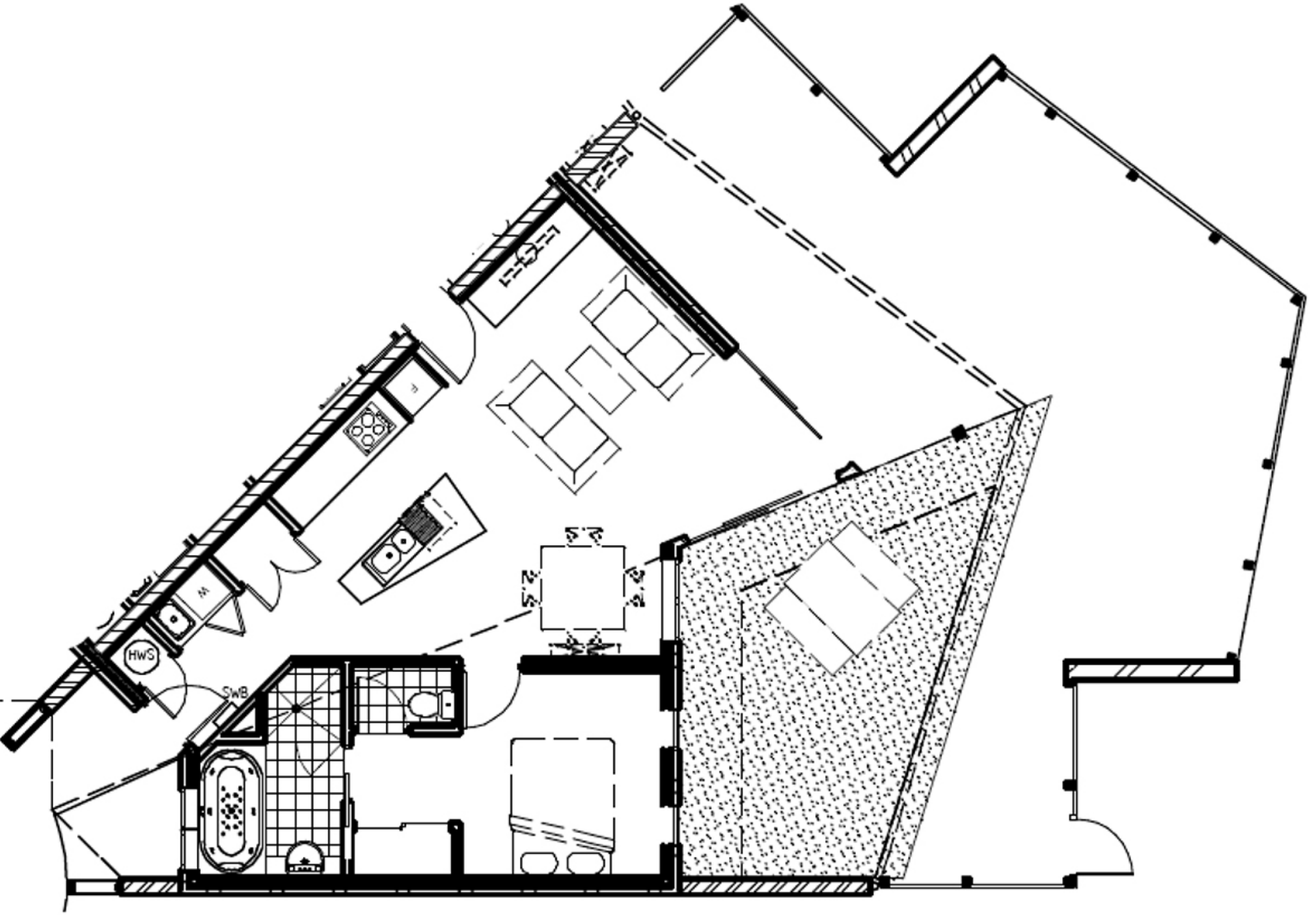
HWS
SWB