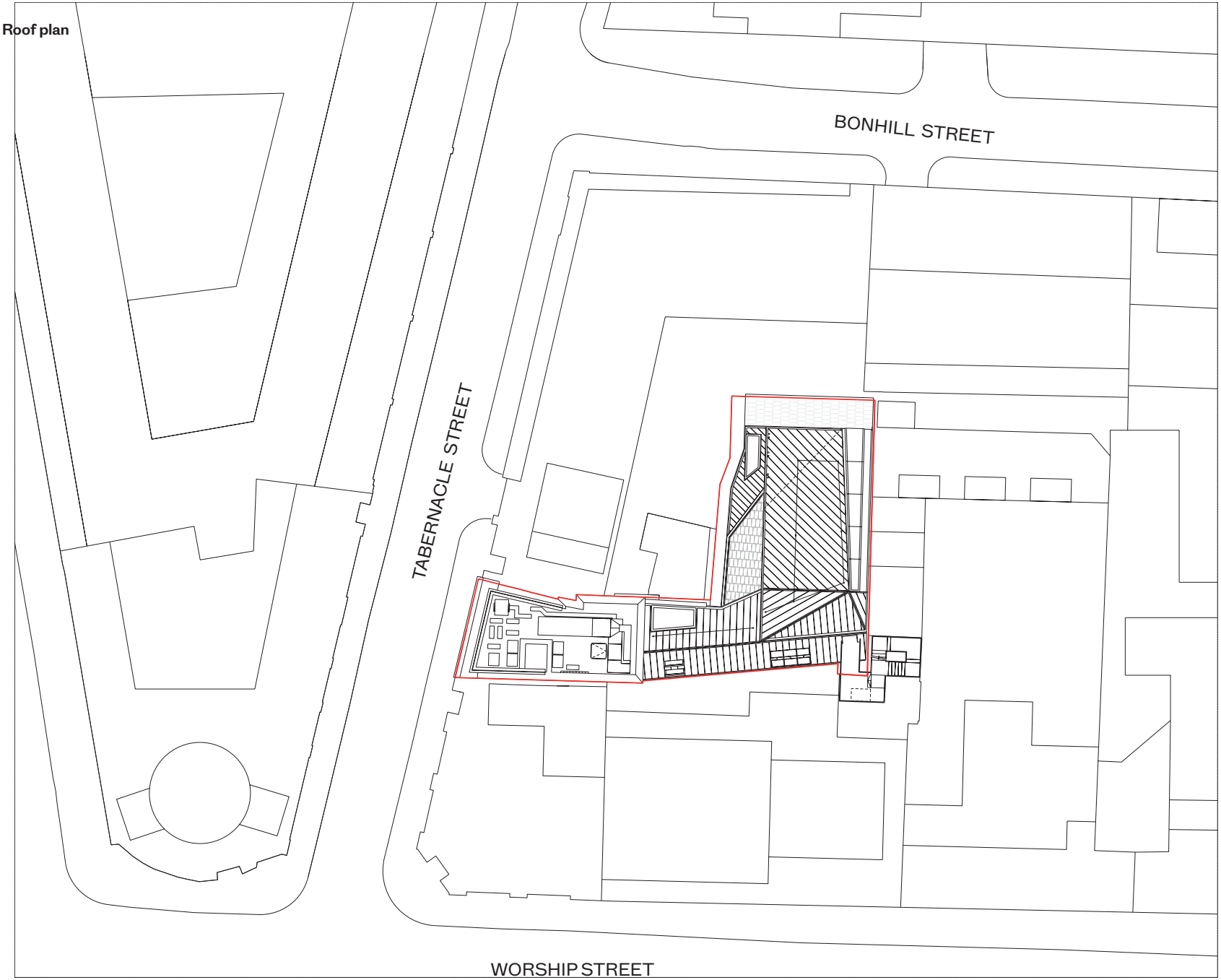Roof plan