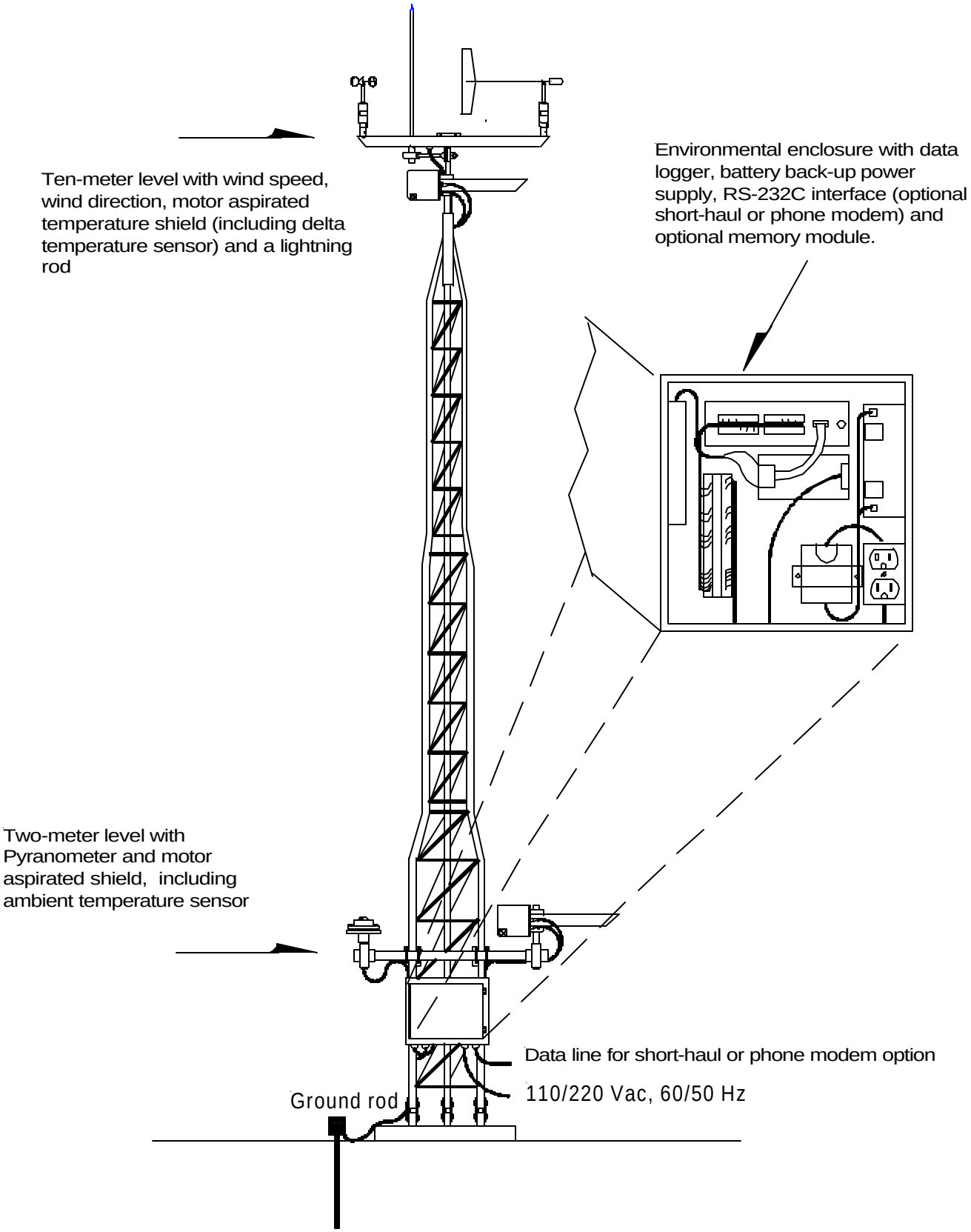SRDT METEOROLOGICAL SYSTEM