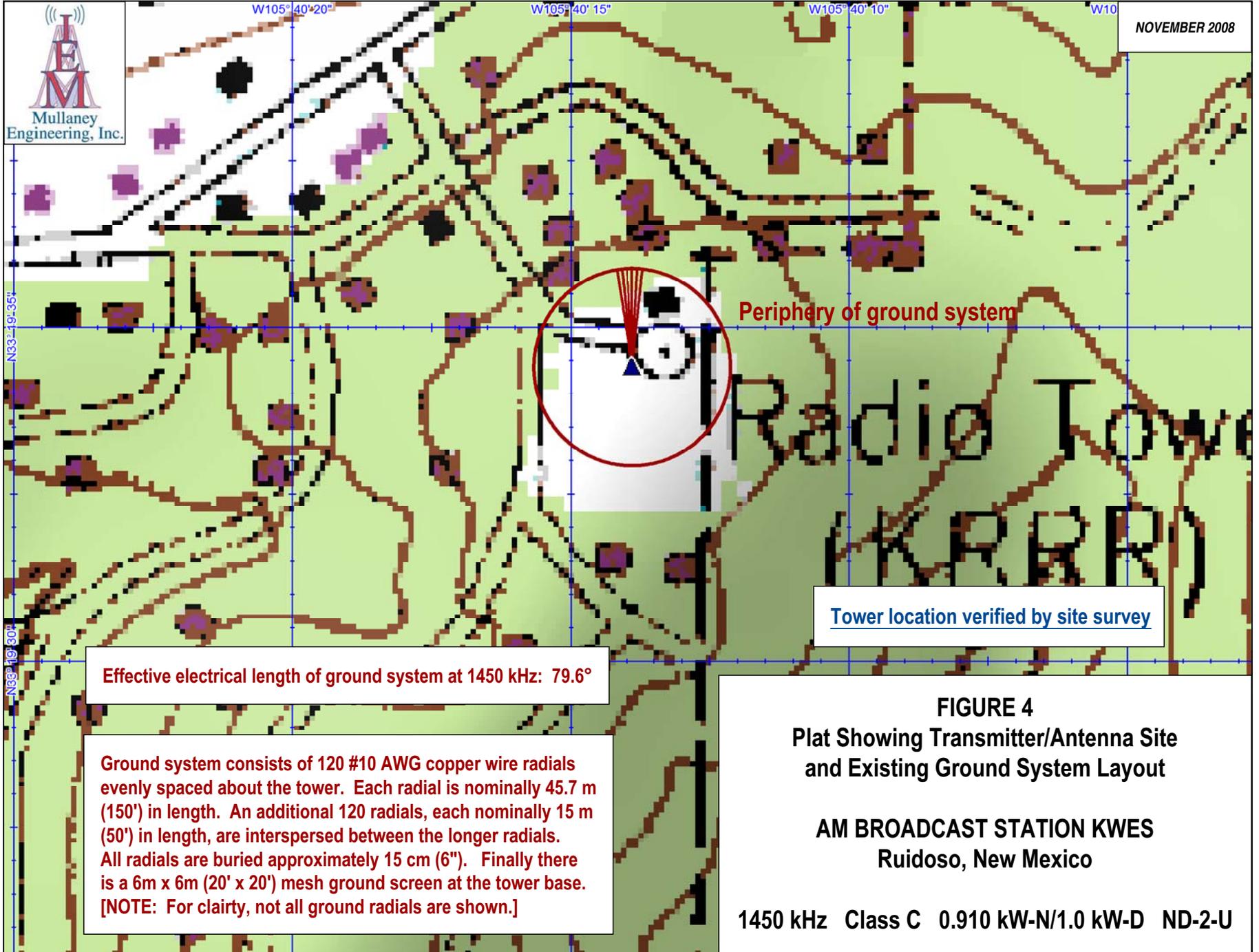


NOVEMBER 2008



Effective electrical length of ground system at 1450 kHz: 79.6°

Ground system consists of 120 #10 AWG copper wire radials evenly spaced about the tower. Each radial is nominally 45.7 m (150') in length. An additional 120 radials, each nominally 15 m (50') in length, are interspersed between the longer radials. All radials are buried approximately 15 cm (6"). Finally there is a 6m x 6m (20' x 20') mesh ground screen at the tower base. [NOTE: For clarity, not all ground radials are shown.]

Tower location verified by site survey

FIGURE 4
Plat Showing Transmitter/Antenna Site and Existing Ground System Layout
AM BROADCAST STATION KWES
Ruidoso, New Mexico
1450 kHz Class C 0.910 kW-N/1.0 kW-D ND-2-U

