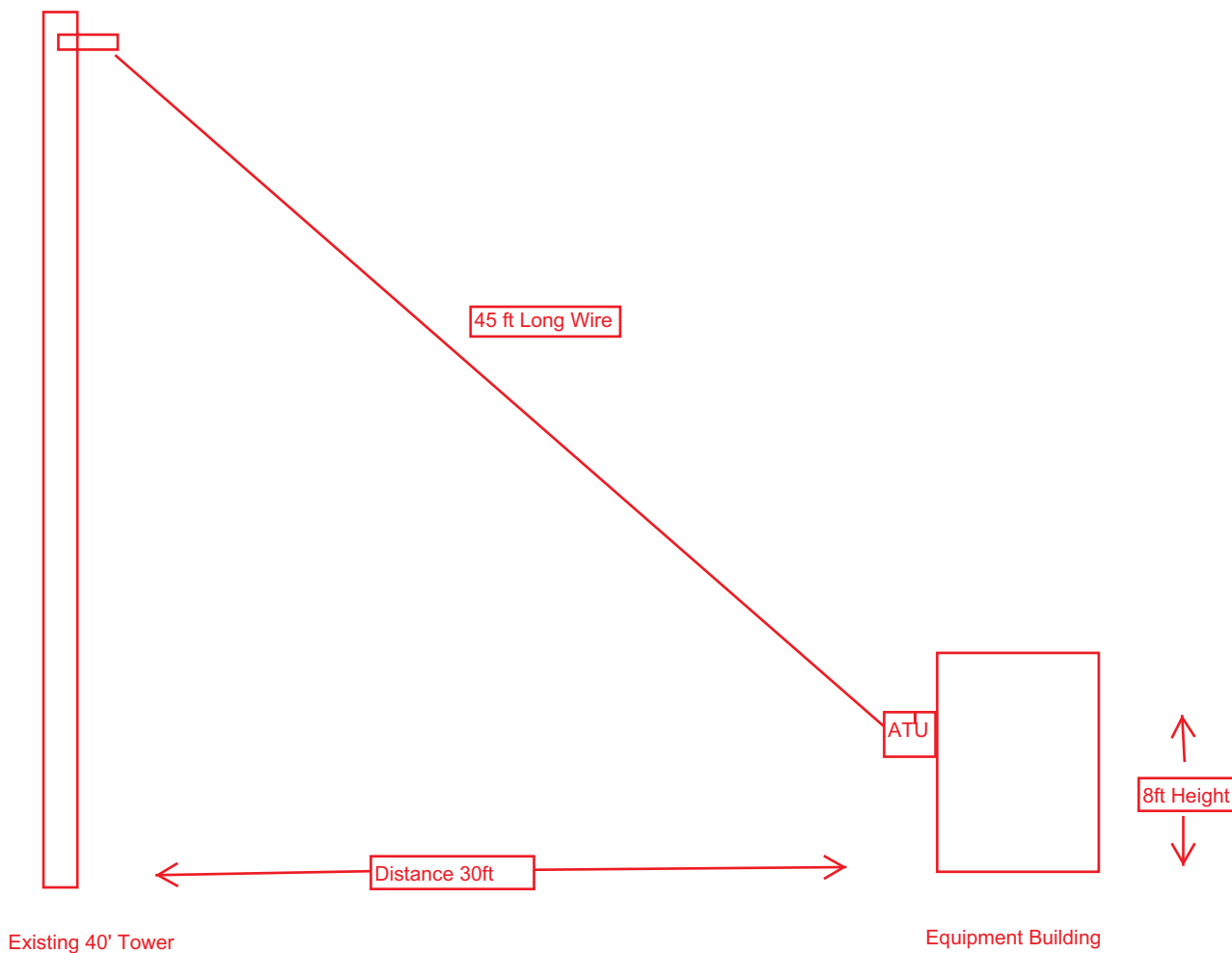


WMRO (AM) 1560 Gallatin, TN  
Long-Wire Emergency Operation Site Drawing  
36-23-36.1 N by 86-28-02.5 W (NAD27)



NOTE: Not to Exact Scale



## STA Request – WMRO (AM) Gallatin, TN

### Description of Proposed Operation:

Station WMRO (AM) proposes to use an emergency long-wire antenna to continue broadcasting to the Community of Gallatin, TN following the required move from the licensed station location. The requested operating power of 200 watts places a 5.0mV/m contour over approximately 95 percent of the community of license.

The requested facility will operate at a NAD27 location of  
36-23-36.1 N  
86-28-02.5 W

The location is a residential area, the home of the owner of the station.

With prior permission from the City of Gallatin, TN, the use of an existing 40 ft small communications tower which will support the end of a 45-ft long wire. The end of the long wire attaches to a support 8 ft off the ground, next to a small equipment building which houses the Antenna Tuning Unit and transmitter for the station.

The entire area is fenced and has no direct access from the public, as shown on the attached marked aerial photograph.

The requested power of 200 watts into the long wire will produce a distance to the Uncontrolled Environment exposure level of 74mW/cm<sup>2</sup> was less than 0.4 meters. The operation is in full compliance with maximum exposure limits for both Controlled and Uncontrolled Environments. The entire long-wire operation is outside the area where humans can be exposed and does not constitute a major environmental impact.