

KM2XLE

ANTENNA STRUCTURE
CANDLER'S MOUNTAIN

LAT. $37^{\circ} 20' 56''$ N
LONG. $79^{\circ} 10' 06''$ W

EXHIBIT 2

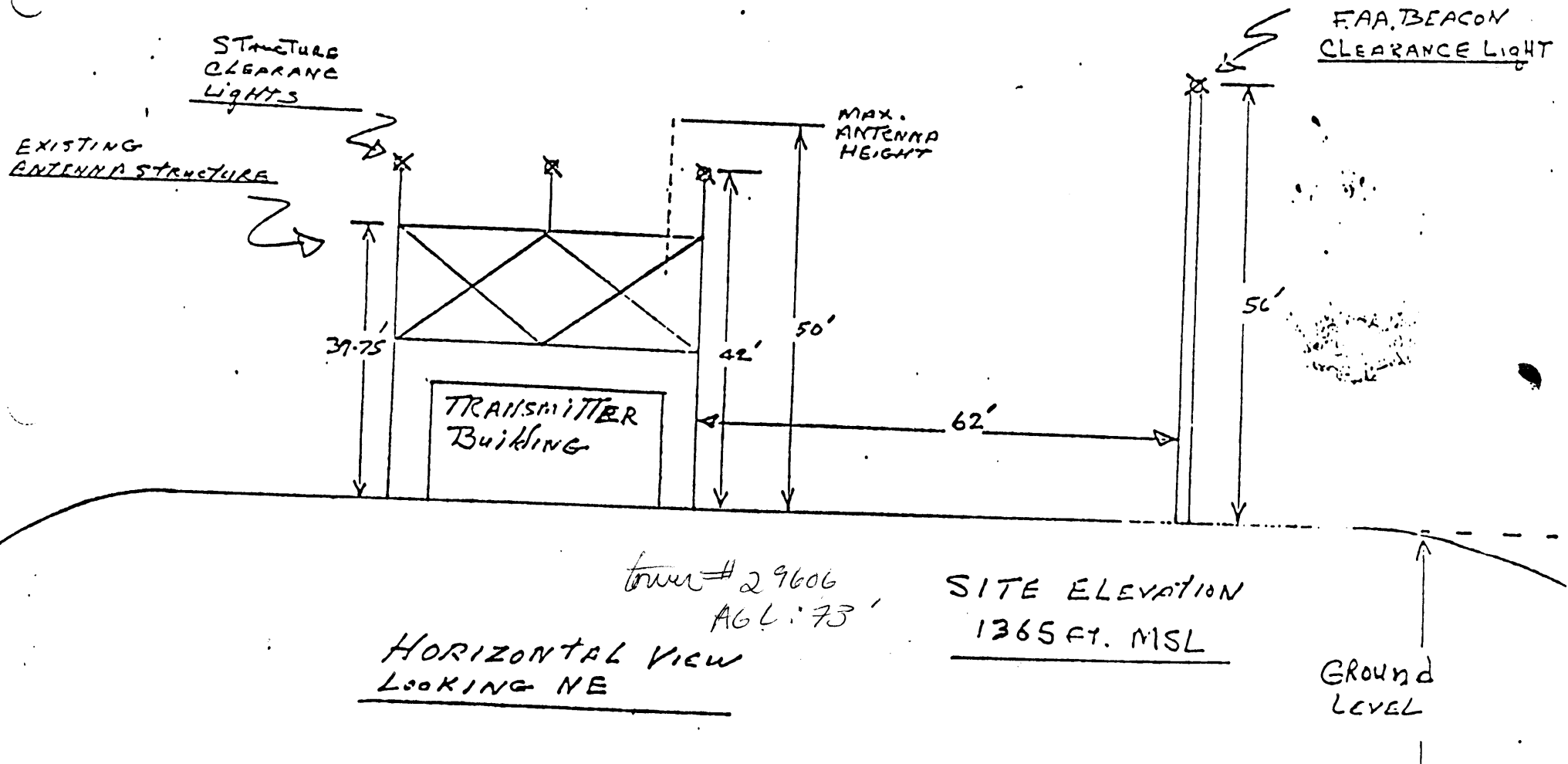


Exhibit "A"

854.7875 MHz	809.7875 MHz
854.8375	809.8375
855.0125	810.0125
855.0875	810.0875
855.2625	810.2625
855.2875	810.2875
855.3375	810.3375
855.5375	810.5375
855.5625	810.5625
855.5875	810.5875
855.7875	810.7875
856.8625	811.8625
857.7875	812.7875
857.8375	812.8375
857.9125	812.9125
858.8375	813.8375
858.8625	813.8625
858.9125	813.9125
859.8375	814.8375
860.8125	815.8125
860.8875	815.8875

An 800 MHz Availability Search was performed by the Industrial Telecommunications Association, Inc. (ITA) on August 17, 1995 for the Business Radio Service which indicated the above channels were clear for at least 70 miles in accordance with 90.617 - Table 3A - Business Category 806-821/851-866 MHz Band Channels.

Exhibit "B"

Abstract: The test bed is to verify concept and test simulated commercial conditions of TDMA based equipment.

General Equipment Description:

The test bed will consist of user terminal products, base stations and other fixed network equipment in a four (4) site network. All equipment will be based on TDMA coding algorithms.

Specific Objectives:

1. Verify proof of concept.
2. Simulate real world loading, busy hour and traffic patterns.
3. Assure compliance with FCC regulatory masks and emission standards.
4. Utilize low cost mass produced products to reduce end user total costs.
5. Extend existing technology into alternative frequency splits.

Action Plans:

1. Develop internal quality plan detailing specific testing and milestone dates.
2. Utilize internal Alpha and Beta test teams to assure compliance with internal quality plan.
3. Utilize internal users to simulate real world loading, 200-1000 units during peak development period.

Ericsson, Inc. is proposing to license a four-site 800 MHz Experimental trunked system encompassing four sites: Mountain View Rd., Lynchburg, VA; Johnson Mountain, VA; Candler's Mountain, Lynchburg, VA and Fort Ave., Lynchburg, VA

Four separate FCC form 442 are being filed with the FCC simultaneously in order to license the proposed trunked system.

Ericsson, Inc. is requesting to operate the system utilizing one Experimental call sign for ID purposes.