



AS REQUIRED  
BY FM ANTENNA

LIGHTNING RODS

BEACON

FM ANTENNAS

COAX GROUND KIT

AT 774 KHZ,  
317.8 FT (96.8M)  
BETWEEN COAX  
GROUND KITS

INSULATED HANGERS (52)  
EVERY 6 FT (1.8 METERS)

COAX GROUND KIT

FM COAX SYSTEM

SPARK GAP

INSULATOR

4" COPPER STRAP

CONCRETE PIER

AM

AM COAX

AM

FM COMBINER

FM1

FM2

40' SQUARE GROUND SCREEN  
AND 120 1/4-WAVE (317.8 FT)  
#10 SOFT DRAWN BARE COPPER RADIALS  
SPACED 2" APART

4" COPPER STRAP  
TO TRANSFORMER GROUNDS