

SUBJECT: MASSACHUSETTS, 35' MAST ARM (WORST CASE LOAD)

FOLDER: MATR335 FILE: 35 GUST FACTOR: 1.30

ELEVATION OF FOUNDATION ABOVE SURROUNDING TERRAIN = 0.0 (FT)
STEPS INCLUDED ? NO

WIND VELOCITY = 90 MPH CRITERIA: AASHTO-1994
AASHTO ICE INCLUDED ? YES

DESCRIPTION OF SIGNAL AND SIGN LOADING *

POSITION OF SIGNAL OR SIGN	HEIGHT ** OF CENTROID (FT)	DISTANCE TO CENT. FROM POLE (FT)	SIGNAL OR SIGN WEIGHT (LBS)	SIGNAL PROJECTED AREA (FT^2)	SIGN WIDTH (FT)	SIGN HEIGHT (FT)
ARM 1	SIGNAL	20.00	35.00	74	8.67	
ARM 1	SIGNAL	20.00	35.00	74	4.80	
ARM 1	SIGNAL	20.00	31.00	5	0.50	
ARM 1	SIGNAL	20.00	28.00	74	8.67	
ARM 1	SIGNAL	20.00	28.00	74	4.80	
ARM 1	SIGN	20.00	24.00	15		
POLE	SIGNAL	11.00	0.00	80	3.00	2.50

* THE VALUES SHOWN IN THIS TABLE MUST NOT BE EXCEEDED
WITHOUT CONSULTING VALMONT. ANY SIZES OR OTHER
DIMENSIONS NOT PROVIDED BY THE SPECIFYING AGENCY
HAVE BEEN ESTIMATED BY VALMONT.

** THESE HEIGHTS ARE ABOVE BOTTOM OF BASE PLATE OR
TRANSFORMER BASE.