NOTES:
1. FOUNDATIONS SHOWN HERE ARE ONLY REPRESENTATIVE AND MUST BE SITE ADAPTED, EXCEPT FOR THE LOCATION OF ANCHOR BOLTS. THE FOUNDATION MAY BE CONCRETE FLEET OR ANY OTHER TYPE APPROVED BY FAA REGIONAL ENGINEERS. DESIGN LOAD FOR FOUNDATION: 25 PSF ON EXPOSED AREA OF STRUCTURE. MINIMUM SAFETY FACTOR FOR SOIL BEARING CAPACITY = 2.
2. FOR THE REPRESENTATIVE CONCRETE FOUNDATION SHOWN:
   A. CONCRETE STRENGTH = 3,000 PSI @ 28 DAYS (MIN)
   B. SOIL BEARING CAPACITY = 3,000 PSI (MIN)
   C. SECURELY PLACE ALL ELECTRICAL CONDUITS & ANCHOR BOLTS PRIOR TO PLACING CONCRETE.
   D. PLACE ALL CONCRETE ON UNDISTURBED SOIL.
   E. MINIMUM DEPTH OF CONCRETE TIES = 4-1/16 OR 1 FT BELOW LOCAL FROST LEVEL, WHICH EVER IS GREATER.
   F. REINFORCEMENT STEEL PER ASTM A36, GR. 40.
   TIE WIRE TO BE 18 GAUGE ON LARGER ANNEALED IRON.

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
WASHINGTON, D.C. 20591

ALSF-2 (6'-0" - 128') & MALSR (40'-0" - 128')
LIGHT MOUNTING HEIGHT 6'-1" TO 40'-0"
FOUNDATIONS FOR L.R. STRUCTURES
MO-50, MO-30, & MO-40

ANCHOR BOLT A1
ANCHOR BOLT A2
ANCHOR BOLT A3
ANCHOR PLATE A4

JACOBY INDUSTRIES INC.
PS BOX 780
601 W. BURT AVENUE
STRAUSBURG, NEW YORK 13301
www.jacby.com 315-487-3760