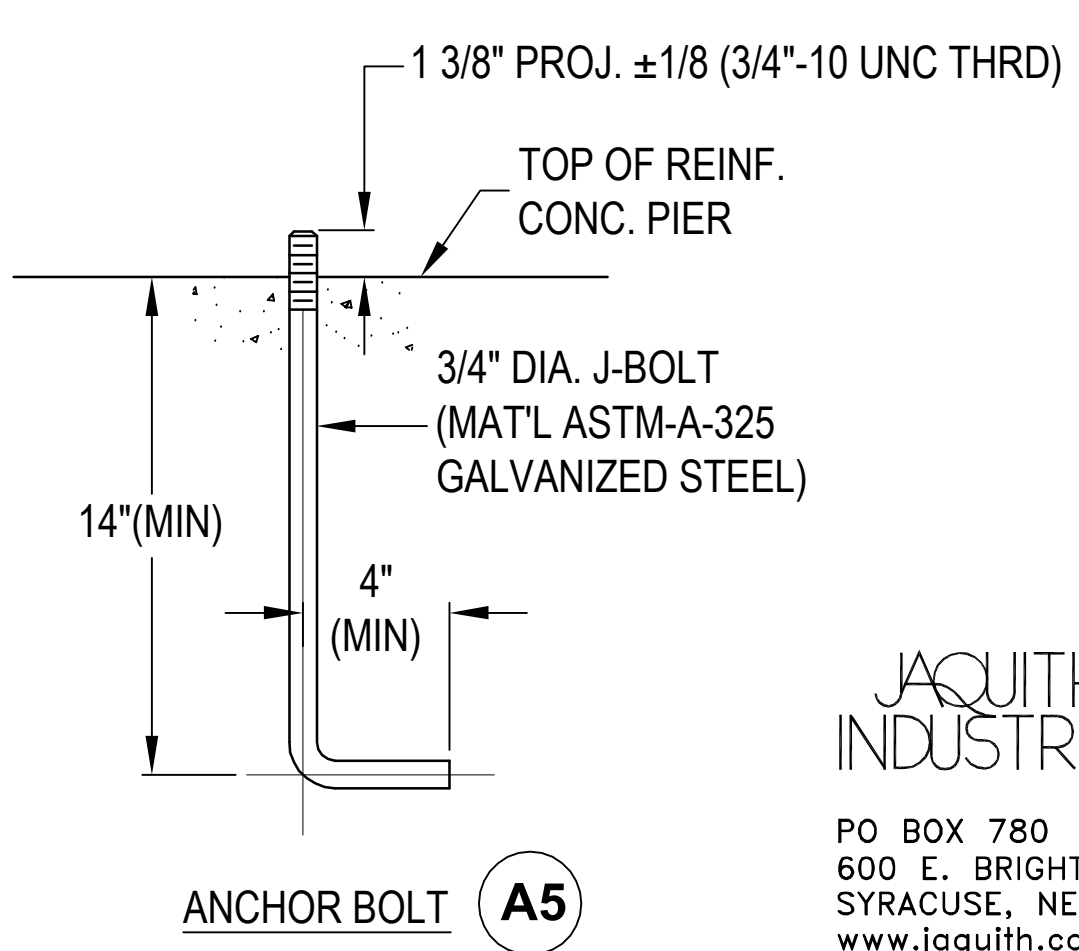
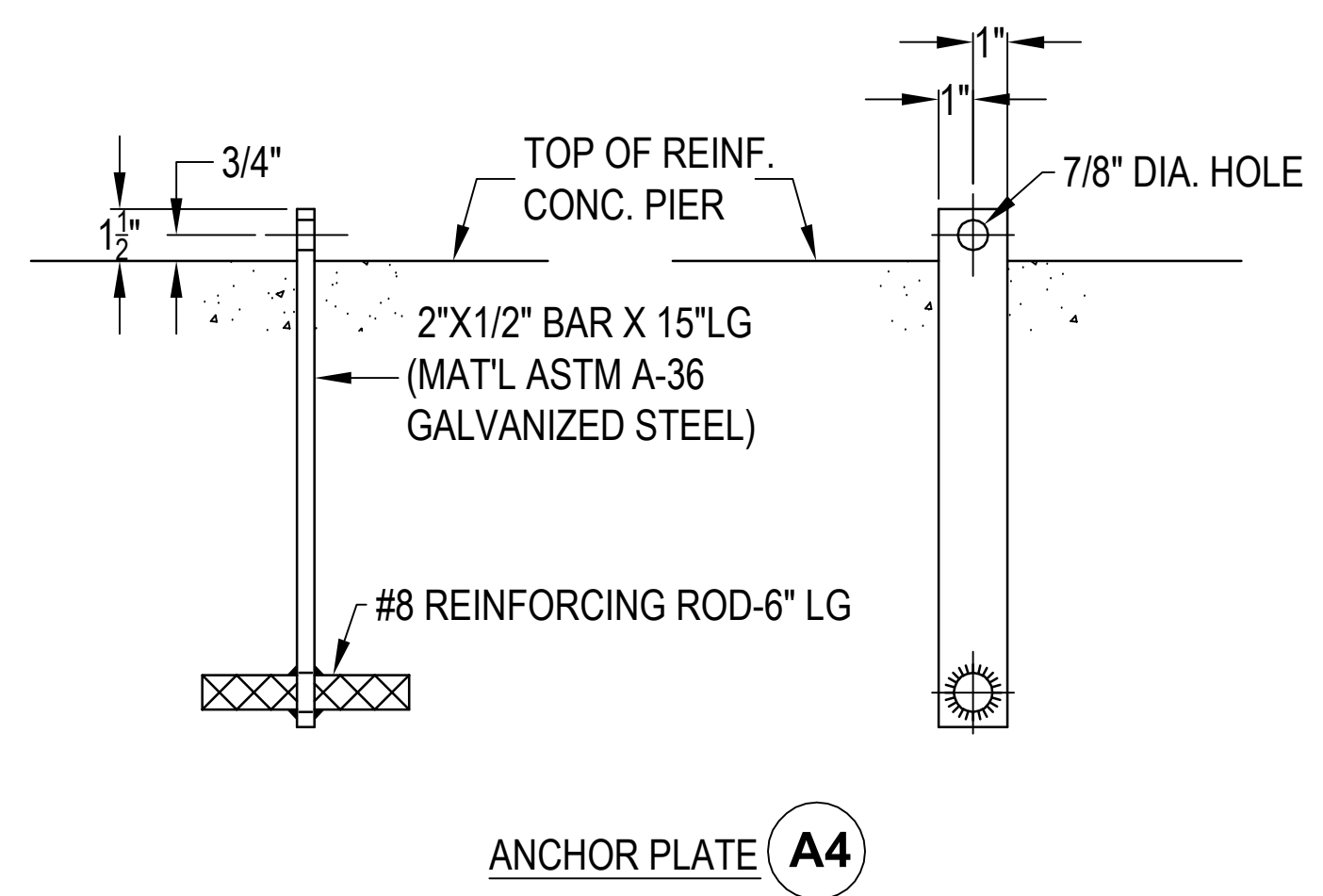
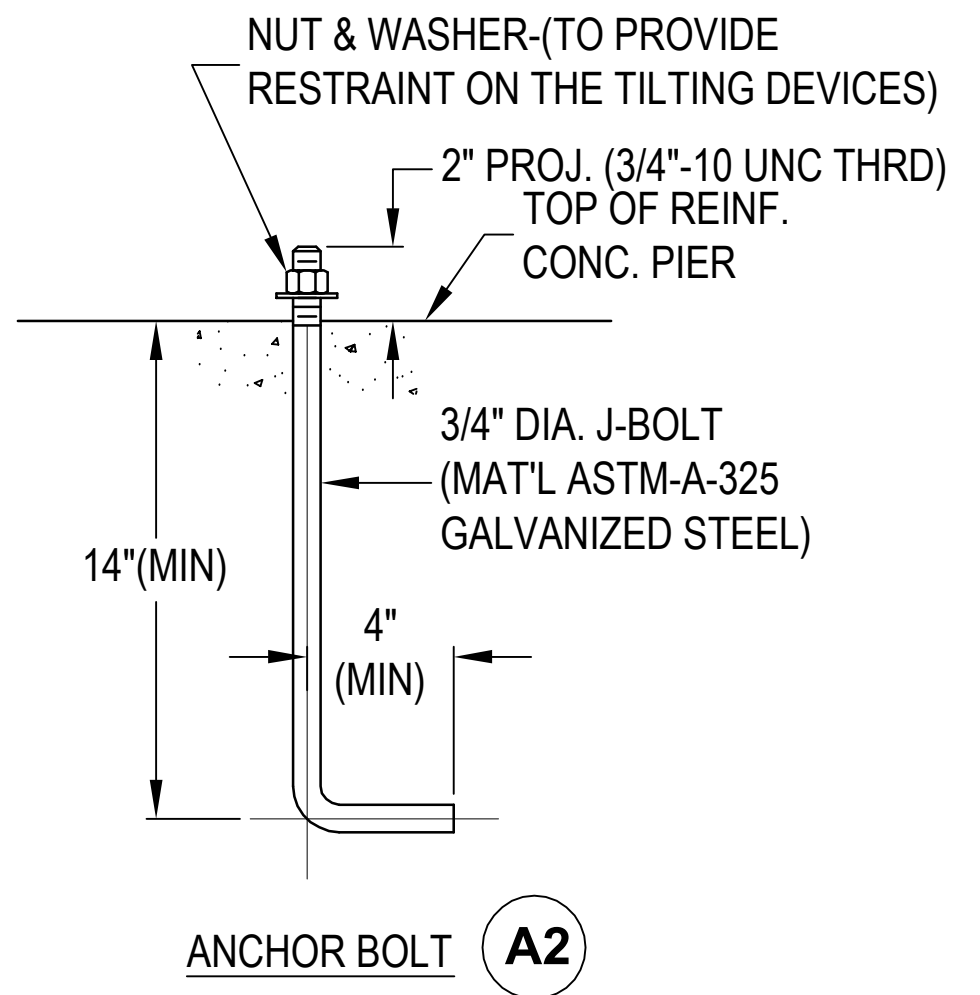
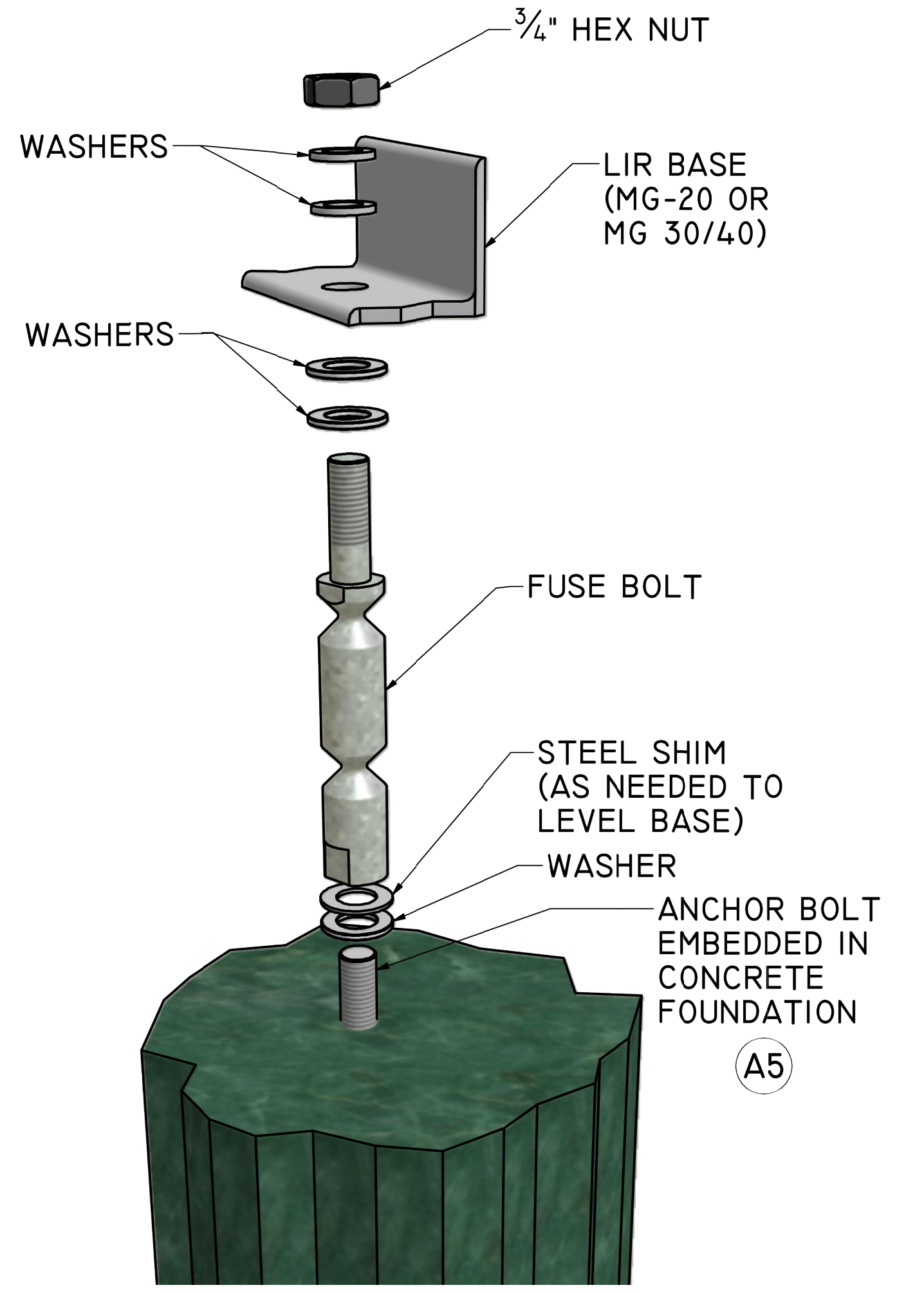
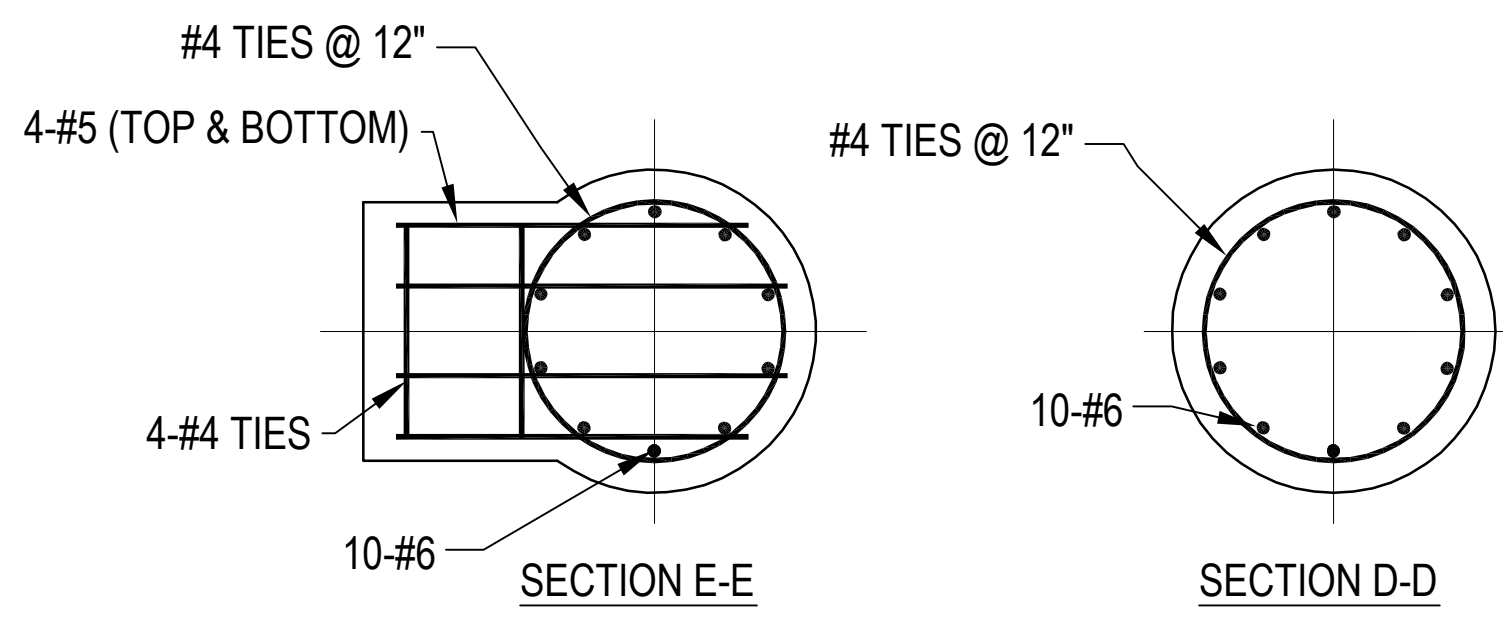
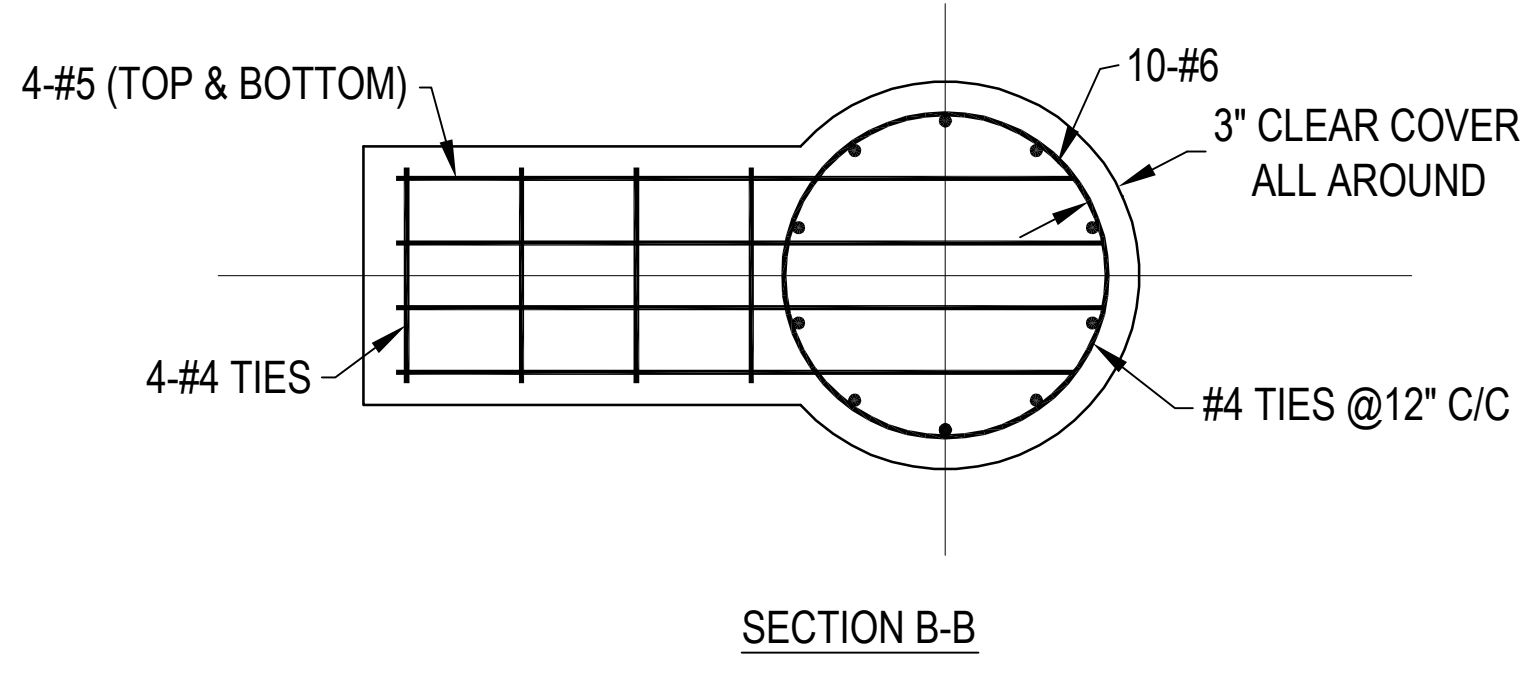
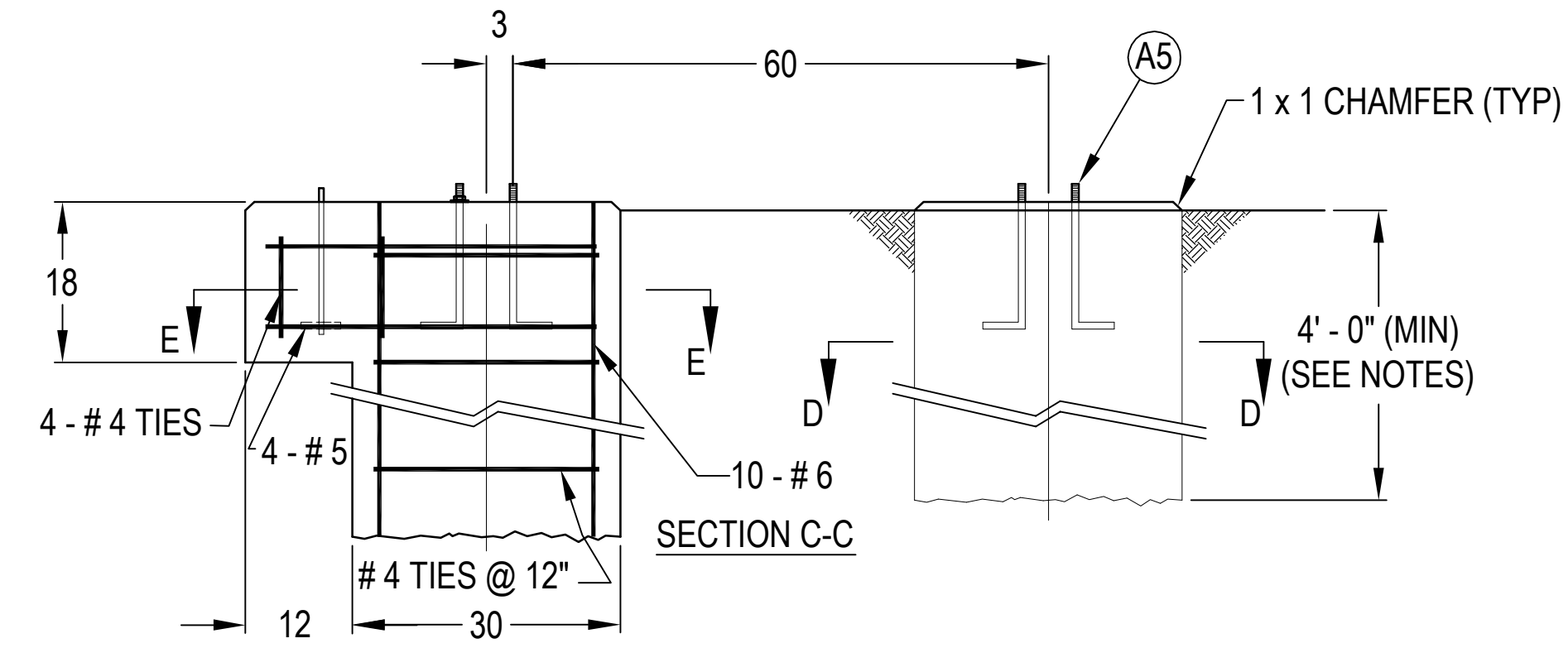
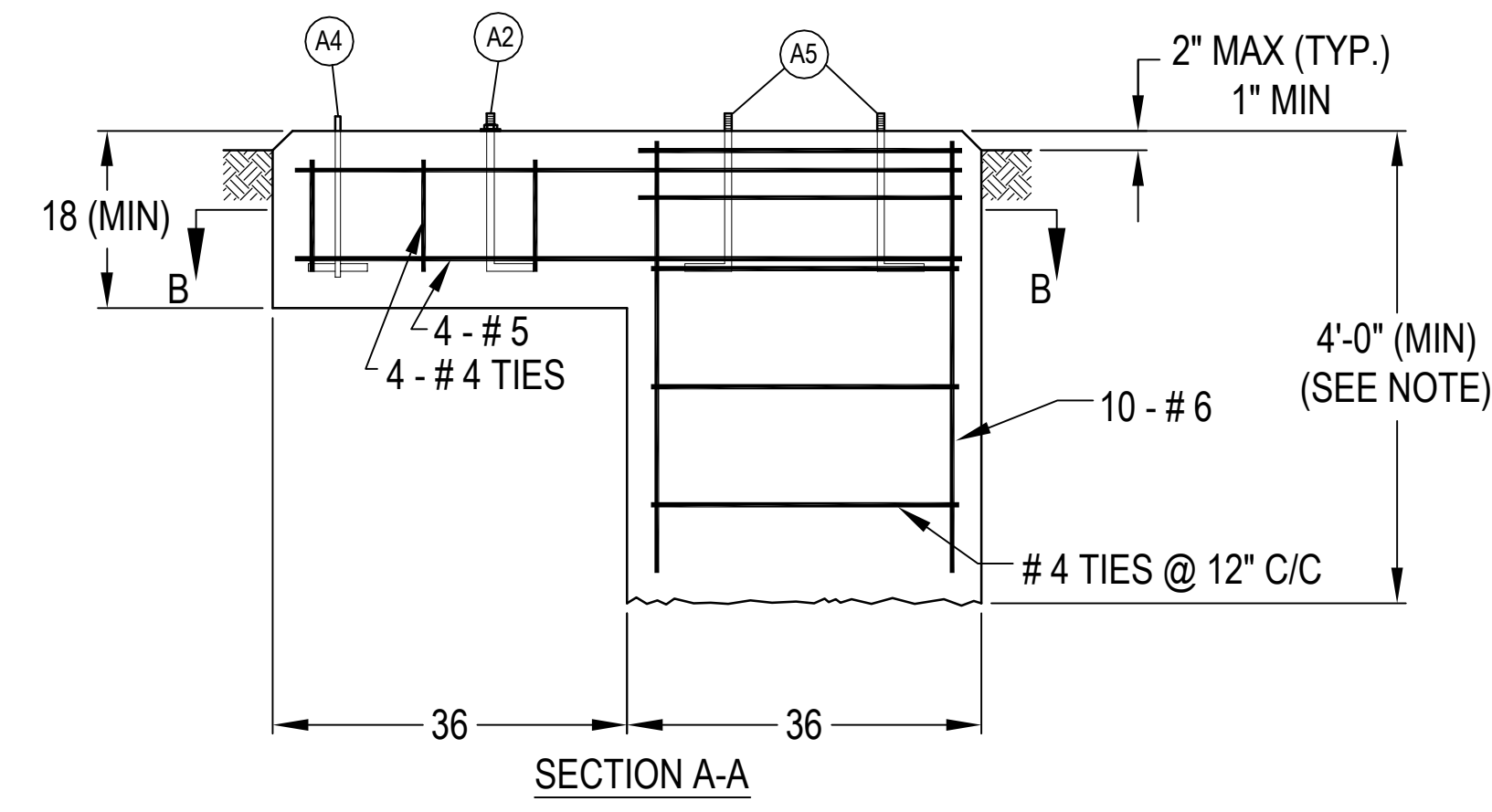


**NOTES:**

- FOUNDATIONS SHOWN HERE ARE ONLY REPRESENTATIVE & MUST BE SITE ADAPTED, EXCEPT FOR THE LOCATION OF ANCHOR BOLTS. THE FOUNDATION MAY BE CONCRETE PIERS 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.
- FOR THE REPRESENTATIVE CONCRETE FOUNDATION SHOWN:
  - CONCRETE STRENGTH = 3,000 PSI @ 28 DAYS, (MIN)
  - SOIL BEARING CAPACITY = 3,000 PSF (MIN)
  - SECURELY PLACE ALL ELECTRICAL CONDUITS & ANCHOR BOLTS PRIOR TO PLACING CONCRETE.
  - PLACE ALL CONCRETE ON UNDISTURBED SOIL.
  - MINIMUM DEPTH OF CONCRETE PIERS = 4'-0" OR 1 FT BELOW LOCAL FROST LEVEL, WHICH EVER IS GREATER.
  - REINFORCEMENT STEEL PER ASTM A615, GR. 40; TIE WIRE TO BE 16 GAUGE OR LARGER ANNEALED IRON.



**JACQUITH INDUSTRIES INC.**  
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600 E. BRIGHTON AVE.  
SYRACUSE, NEW YORK 13205  
www.jaquith.com 315-478-5700

REV.	LTR.	DATE	DESCRIPTION	CHECKED	APPROVED
A		8/10/10	FOUNDATIONS DRAWN TO ACCOMMODATE FUSE BOLTS		
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION WASHINGTON, D.C. 20591					
ALSF-2 (6' - 128') & MALSR (40' - 128') L.I.R. STRUCTURES LIGHT MOUNTING HEIGHT 6'-1" TO 40'-0" FOUNDATIONS FOR LIR STRUCTURES MG-20, MG-30, & MG-40 WITH FUSE BOLTS					
REVIEWED BY	SUBMITTED BY	APPROVED BY			
		TECHNICAL OFFICER			
DESIGNED BY	ISSUED BY	DATE - 04/14/80	REV. LTR.		
DRAWN BY		DRAWING NO.			
CHECKED BY		D-6155-19FB	A		