

WELDED SECTIONS

BAR SPLICER ASSEMBLY ALTERNATIVES \*\* Heavy Hex Nuts conforming to ASTM A 553, Grade C, D or DH may be used.

D D mmmp -Washer Face <u>"B"</u>

Threaded or Coil Splicer Rods (E)

## INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template belt. "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms. (E) : Indicates epoxy coaling.

			F.A.P. RTE. 575	SECTION (B&14) R-3	WILL	TOTAL SHEETS 390	SHEE NO. 230
		NOTES	STA.		TO STA. NOIS FED. AI		
f the yield shall be oi ement bars	shall be of an appr strength of the lapp f minimum 60 ksi yik shall be lapped and shall be epoxy coate	oved type and s ed reinforceme eld strength, thr tied to the spli	shall develop in nt bars. readed or coile icer rods or do	d full lengt owel bars,	least	Sheef 5 d	of 8
d on certifie sembly satis Minimum Co (Tension ir Minimum * (Tension ir = Yield str allow= Allowa	ength of lapped reir able tensile stress in stress area of lappe	an approved te equirements: x A <sub>t</sub> 1.25 x fs <sub>allaw</sub> x aforcement bars lapped reinfor	esting laborator, ( A <sub>t</sub> ; in ksi. coment bars in	y lhat the	proposed		
<u></u>	BAR SPLIC	ER ASSEMBLI	ES				
		Strengt	h Requirements	s			
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Min. Capacity kips - tension	Min. Pull-Out kips - ten	~			
#4	1'-8''	14.7	5.9				
#5	2'-0''	23.0	9.2				
#6	2'-7''	33.1	13.3				
#7	3'-5''	45.1	18.0				
#8	4'-6''	58.9	23.6				
#9	5'-9''	75.0	30.0				
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oted. The f	7'-3'' 9'-0'' s shall be according furnishing and instal unit price each for	lation of bar sp	licer assemblie			and	
#11 r assemblies ofed. The f the contract	9'~0'' s shall be according furnishing and instal	117.4 to Section 508 ation of bar sp "BAR SPLICE. 	46.8 I of the Standa Dicer assemblie RS."	s will be n		and	
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	* = 28 day c		ER ASSEMBLI	FS			
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	Bar Size to	Splicer Rod or		h Requiremen			
	be Spliced	Dowel Bar Length	Min. Capacity kips - tension				
	#4	1'-8''	14.7	5.9			
	#5	2'-0''	23.0	9,2			
	#6	2'-7''	33.1	13.3			
	#7	3′-5′′	45.1	18.0			
	#8	4'-6''	58.9	23.6	,		
	#9	5′-9′′	75.0	30.0	)		
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