STANDARD BAR SPLICER ASSEMBLY

Minimum Lap Lengths							
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6	
3, 4	1'-5''	1'-11''	2'-1''	2'-4"	2'-7''	2'-11''	
5	1'-9''	2'-5"	2'-7''	2'-11''	3'-3''	3′-8′′	
6	2'-1''	2'-11''	3'-1''	3'-6''	3′-10′′	4'-5"	
7	2'-9''	3′-10′′	4'-2"	4'-8''	5′-2′′	5′-10′′	
8	3′-8′′	5′-1′′	5′-5′′	6'-2"	6'-9"	7′-8′′	
9	4'-7''	6′-5′′	6′-10′′	7′-9′′	8'-7''	9′-8′′	

Table 1: Black bar, 0.8 Class C

Table 2: Black bar, Top bar lap, 0.8 Class C

Table 3: Epoxy bar, 0.8 Class C

Table 4: Epoxy bar, Top bar lap, 0.8 Class C

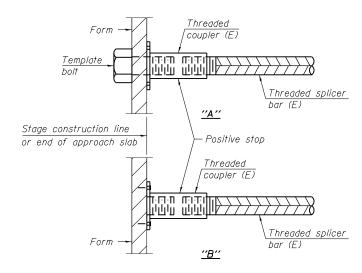
Table 5: Epoxy bar, Class C

Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length = min. lap length + $1_2^{\prime\prime}$ + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

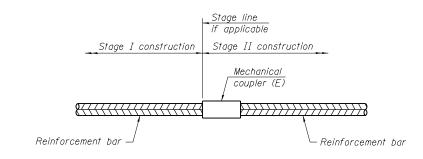
Location	Bar size	No. assemblies required	Table for minimum lap length
Grade Beams	#8	57	Table 1



INSTALLATION AND SETTING METHODS

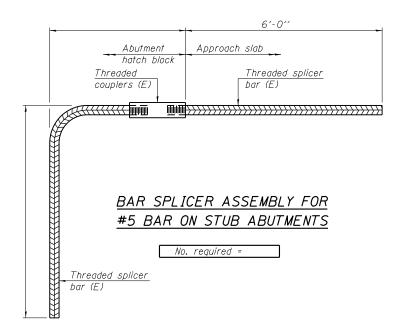
"A": Set bar splicer assembly by means of a template bolt. "B": Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E): Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications. See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

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KLINGNER & ASSOCIATES, P.C. ngineers • Architects • Surveyors

,	USER NAME = seb	DESIGNED	-	RJP	REVISED	=
		DRAWN	-	ADL	REVISED	=
	PLOT SCALE = 25.0007 '/ in.	CHECKED	-	RJP	REVISED	=
S	PLOT DATE = 8/23/2014	DATE	-	ADL	REVISED	=
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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SCALE:

٧	VELL HO	JSE BLD	G – BAR	SPLICE	R DETAILS	F.A.I. RTE.
	MISSOURI AVENUE DEEP WELL FACILITY					
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SECTION COUNTY ST. CLAIR 185 100 82-4T-1 CONTRACT NO. 76G99

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