

## 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

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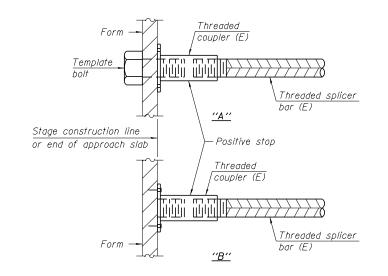
PLOT SCALE =

PLOT DATE = 12/20/2013

Threaded splicer bar length = min. lap length +  $l_{2}^{\prime\prime}$  + thread length

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

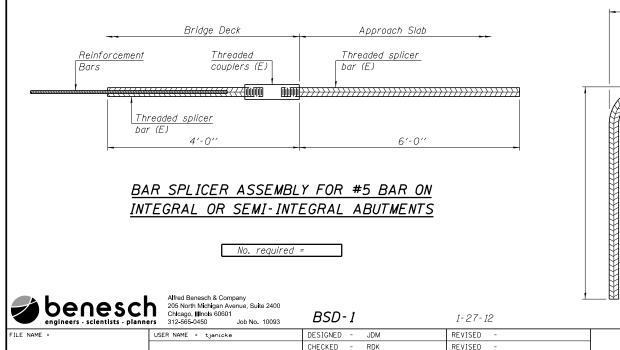
Location	Bar size	No. assemblies required	Table for minimum lap length



## 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.



DRAWN

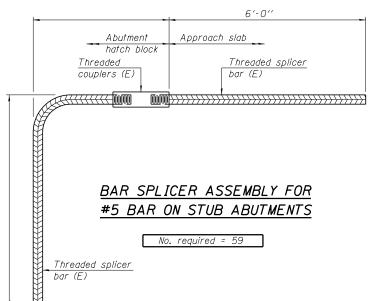
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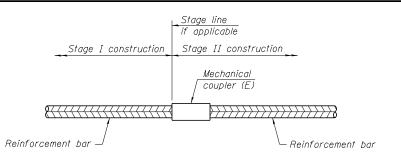


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yield strength. All reinforcement shall be lapped and tied to the splicer bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications. See approved list of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

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F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	/201
372	2013-038B-R	СООК	821	361	ŝ
		CONTRACT N	0. 60J16		$\leq$
	ILLINOIS FED. AI	D PROJECT			9
R	TE.	TE. SECTION 372 2013-038B-R	TE. SECTION COONTI   372 2013-038B-R COOK	TE. SECTION COUNTY SHEETS   372 2013-038B-R COOK 821   CONTRACT NO. 60JI6	TE. SECTION COUNTY SHEETS NO.   372 2013-038B-R COOK 821 361   CONTRACT NO. 60J16



## STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

## NOT<u>ES</u>:

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