

STANDARD BAR SPLICER ASSEMBLY

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

Table 1: Black bar, 0.8 Class C

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

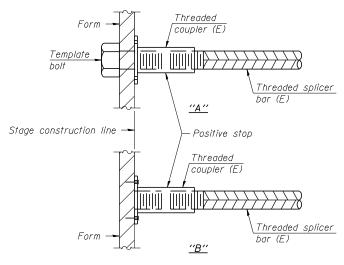
Table 3: Epoxy bar, 0.8 Class C

Table 4: Epoxy bar, Top bar lap, 0.8 Class C Table 5: Epoxy bar, Top bar lap, Class B

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
Approach Footing	5	40	3
Approach Slab-Top	4	25	4
Approach Slab-Bottom	5	47	3



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.

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

7-1-10



USER NAME =	DESIGNED	-	DPW	REVISED
	CHECKED	-	ASP	REVISED
PLOT SCALE =	DRAWN	-	LNB	REVISED
PLOT DATE =	CHECKED	-	ASP	REVISED



IL 2 (RT.) BIKE PATH AT 15TH AVENUE							
BAR SPLICER	ASSEMBLY A	AND	MECH	IANICAL S	PLICER	DETAILS	
	SHEET NO	. 18	OF 18	SHEETS			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
742	(32.33) R-1	WINNEBAGO	705	548
		CONTRAC	T NO. 6	54821
	ILLINOIS FED. A	D PROJECT		