

$f'_c = 3 \text{ ksi}$

$f_y = 60 \text{ ksi}$

MODIFIED DEVELOPMENT LENGTH		BAR SIZE	SPLICE LENGTH	
BASIC	BAR ENCLOSED IN SPIRAL		BASIC	BAR ENCLOSED IN SPIRAL
9"	8"	#3	1'-0"	1'-0"
11"	9"	#4	1'-3"	1'-0"
1'-2"	11"	#5	1'-7"	1'-3"
1'-5"	1'-1"	#6	1'-11"	1'-5"
1'-8"	1'-3"	#7	2'-3"	1'-8"
1'-10"	1'-5"	#8	2'-6"	1'-11"
2'-1"	1'-7"	#9	2'-10"	2'-2"
2'-4"	1'-9"	#10	3'-3"	2'-5"
2'-7"	2'-0"	#11	3'-7"	2'-8"

MODIFIED DEVELOPMENT LENGTH AND SPLICE LENGTH  
FOR BARS IN COMPRESSION

**FIGURE 10 - 5**