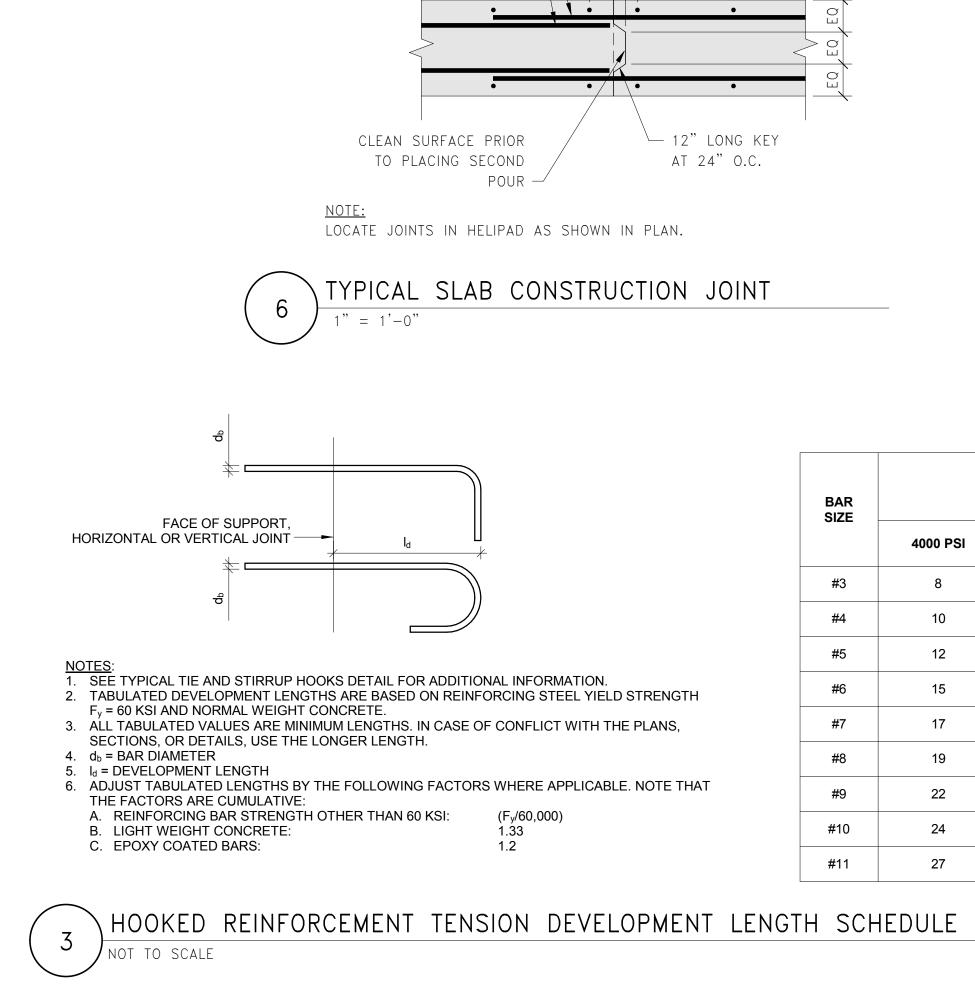
E	
D	
С	
В	
A	CORE DRILL CORNER LOCATIONS ALIGN EDGE OF CORE WITH EDGE OF OPENING
	CONCRETE TO BE REMOVED SAW CUT BETWEEN CORED HOLES DO NOT OVER CUT AT CORNERS CONCRET AS REQ'D TYPICAL OPENING THROUGH (E) CONCRET NOT TO SCALE
	65_



SECOND POUR | FIRST POUR

X X

_1 1/2"

LOCATION SEE PLAN —

REINFORCEMENT SIZE AND

FOR SLAB

LAP SPLICE.

SEE SCHEDULE. —

4

			T REINFORCEMENT DEVELOPMENT AND SPLICE LENGTH SCHEDULE	
			BAR SIZE D (IN.)	D(
	LENGTH (I _d) INCHE	5	#3 1 1/2 6db #3	2 1
SI	5000 PSI	6000 PSI	#4 2 2 1/2" MIN. 6db OR 3" MIN. #4 #4 2 #4 <td>;</td>	;
	7	6	#5 2 1/2 #5 #5	3 3
	9	8		4 1
	11	10		5 1
	13	12	$\frac{1}{4} \frac{d_b}{d_b} $ #10	10 2
	15	14	#11	11 '
	17	16	<u>90 DEGREE</u> <u>135 DEGREE</u>	
	20	18		
	22	20	NOTES:	
	24	22	1. ALL BENDS SHALL BE MADE COLD.2. d_b = BAR DIAMETER.	
				Т то

		TENSI	ON DEVEL	OPMENT L	ENGTH		TENSION LAP/SPLICE LENGTH							DIES: REFER TO "HOOKED REI STRAIGHT DEVELOPMEN SECTION.	
BAR SIZE	TOP BARS			OTHER BARS			TOP BARS			OTHER BARS			2. 3.	ALWAYS USE TENSION I TABULATED DEVELOPM	
	4000 PSI	5000 PSI	6000 PSI	4000 PSI	5000 PSI	6000 PSI	4000 PSI	5000 PSI	6000 PSI	4000 PSI	5000 PSI	6000 PSI	4.	YIELD STRENGTH F _y =60 TOP BARS ARE DEFINED CONCRETE CAST IN TH	
#3	19	17	16	15	13	12	25	23	20	20	17	16	5. 6.	ALL TABULATED VALUE	
#4	25	23	21	19	17	16	33	30	27	25	23	21	7.	SECTIONS, OR DETAILS d _b = BAR DIAMETER. I _d = DEVELOPMENT, LAP	
#5	31	28	26	24	22	20	41	37	33	32	29	26	8. 9.		
#6	37	34	31	29	26	24	49	45	40	38	34	32		A. LIGHT WEIGHT CON B. 3 OR LESS BUNDLED	
#7	54	49	45	42	38	34	71	64	58	55	50	45		C. 4 OR MORE BUNDLE D. CLEAR SPACING LES AND CLEAR COVER	
#8	62	56	51	48	43	39	81	73	66	63	56	51		E. CLASS A LAP SPLICE F. EPOXY COATED BAR	
#9	70	63	57	54	48	44	91	82	74	71	63	58	10). WELDED AND/OR MECH ENGINEER OF RECORD 125% OF THE YIELD STF	
#10	79	71	64	61	54	50	103	93	84	80	71	65		MECHANICAL SPLICES A ON THE PROPOSED MAT	
#11	87	78	71	67	60	55	114	102	93	88	78	72		ENGINEER FOR REVIEW	
													12	2. LAP SPLICES IN CONCRI DEVELOPMENT LENGTH	

DEVELOPMENT / DEVELOPMENT

DEVELOPMENT

LENGTH (Id)

FACE OF SUPPORT,

HORIZONTAL OR VERTICAL JOINT

LENGTH (I_d)

	TENSION DEVELOPMENT LENGTH							TEN	SION LAP/S		NGTH		
BAR SIZE					BARS		ТОР	TOP BARS			OTHER BARS		
	4000 PSI	5000 PSI	6000 PSI	4000 PSI	5000 PSI	6000 PSI	4000 PSI	5000 PSI	6000 PSI	4000 PSI	5000 PSI	6000 PSI	
#3	19	17	16	15	13	12	25	23	20	20	17	16	
#4	25	23	21	19	17	16	33	30	27	25	23	21	
#5	31	28	26	24	22	20	41	37	33	32	29	26	
#6	37	34	31	29	26	24	49	45	40	38	34	32	
#7	54	49	45	42	38	34	71	64	58	55	50	45	
#8	62	56	51	48	43	39	81	73	66	63	56	51	
#9	70	63	57	54	48	44	91	82	74	71	63	58	
#10	79	71	64	61	54	50	103	93	84	80	71	65	
							1	1			1	1	

51	ON DEVEL		ENGTH			TENSION LAP/SPLICE LENGTH								
S	5	OTHEF	R BARS		ТОР	BARS		OTHE						
	6000 PSI	4000 PSI	5000 PSI	6000 PSI	4000 PSI	5000 PSI	6000 PSI	4000 PSI	5000 PSI	6000 PSI				
	16	15	13	12	25	23	20	20	17	16				
	21	19	17	16	33	30	27	25	23	21				
	26	24	22	20	41	37	33	32	29	26				
	31	29	26	24	49	45	40	38	34	32				
	45	42	38	34	71	64	58	55	50	45				
	51	48	43	39	81	73	66	63	56	51				
	57	54	48	44	91	82	74	71	63	58				
	64	61	54	50	103	93	84	80	71	65				
	71	67	60	55	11/	102	03	88	78	72				

