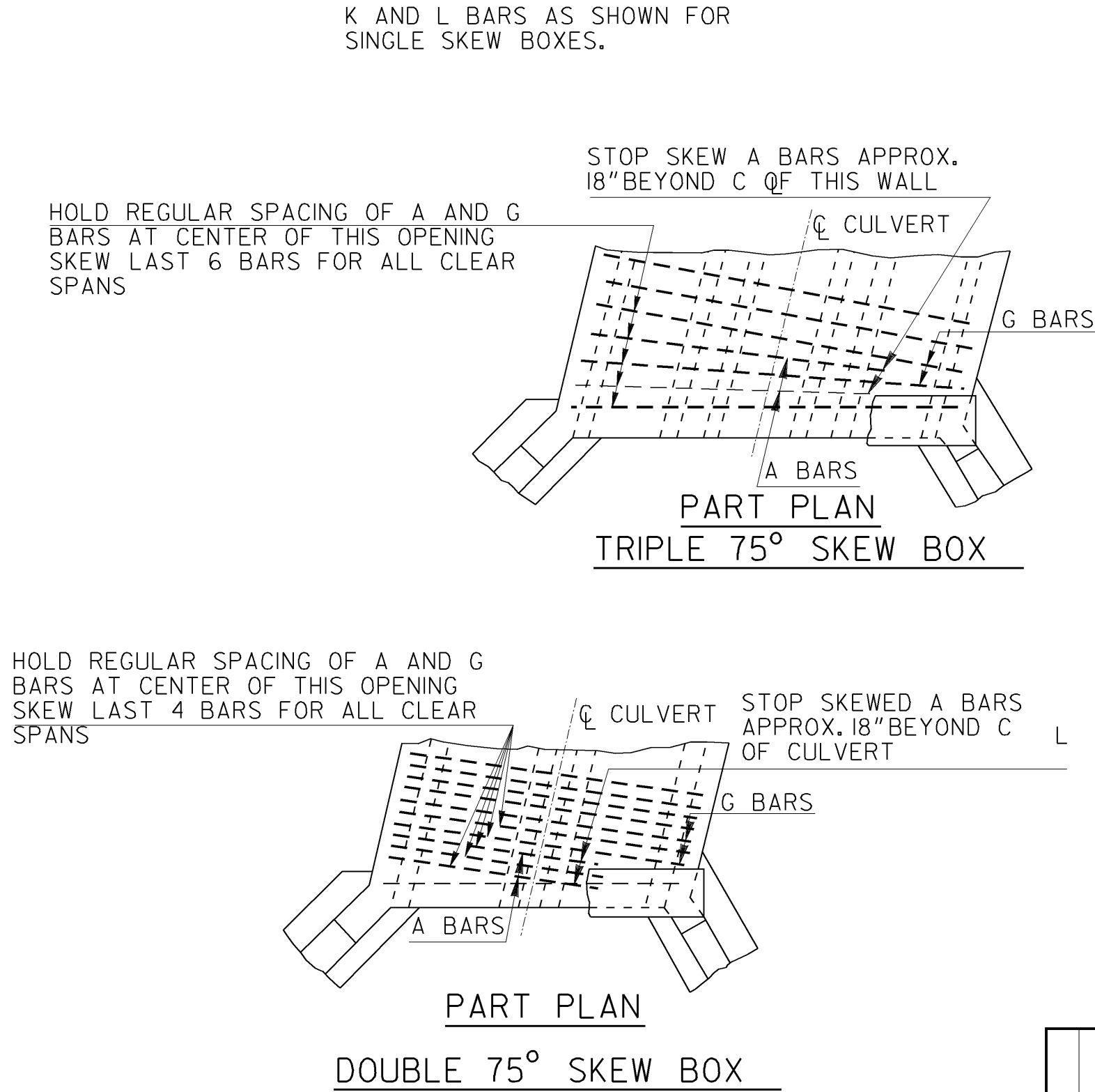


CLEAR SPAN	CLEAR HEIGHT	REINFORCING STEEL - 2 WINGS																										CLEAR HEIGHT	CLEAR SPAN				
		SAME FOR ALL DEPTHS OF FILL																															
		45° SKEW																															
		WING C																															
		SIZE	E BARS AT 12"C. TO C. SIZES AS SHOWN FOR WING A															F BARS 1/2"DIA. AT 12"C. TO C.															
7'	4'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4									8	2	2	2	2					4'				
			LENGTH	7'-6"	7'-3"	6'-10"	6'-5"	6'-0"	5'-7"	5'-1"	4'-8"	4'-3"								17'-10"	16'-10"	12'-2"	7'-6"	2'-10"									
	5'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4								10	2	2	2	2						5'			
			LENGTH	8'-6"	8'-3"	7'-10"	7'-4"	6'-11"	6'-6"	6'-1"	5'-7"	5'-2"	4'-8"	4'-6"							20'-4"	16'-5"	11'-10"	7'-3"	2'-10"								
8'	4'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	2						10	2	2	2	2	2					6'			
			LENGTH	9'-6"	9'-3"	8'-10"	8'-4"	7'-11"	7'-5"	7'-0"	6'-6"	6'-1"	5'-7"	5'-2"	4'-11"					22'-10"	20'-6"	16'-1"	11'-8"	7'-3"	2'-9"								
	5'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2		10	2	2	2	2	2	2					7'		
			LENGTH	11'-8"	11'-4"	10'-9"	10'-3"	9'-8"	9'-2"	8'-6"	8'-0"	7'-5"	6'-11"	6'-4"	5'-9"	5'-3"	4'-11"			26'-10"	24'-6"	20'-1"	15'-9"	11'-6"	7'-1"	2'-10"							
9'	4'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	2						8	2	2	2	2						4'			
			LENGTH	7'-7"	7'-4"	6'-11"	6'-6"	6'-1"	5'-8"	5'-3"	4'-10"	4'-5"	4'-3"							18'-4"	17'-8"	12'-11"	8'-1"	3'-2"									
	5'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	4	2					10	2	2	2	2							5'		
			LENGTH	8'-7"	8'-4"	7'-11"	7'-6"	7'-1"	6'-7"	6'-2"	5'-9"	5'-4"	4'-10"	4'-8"						20'-10"	17'-2"	12'-8"	8'-1"	3'-2"									
10'	4'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4					10	2	2	2	2	2						6'		
			LENGTH	9'-7"	9'-4"	8'-11"	8'-5"	8'-0"	7'-6"	7'-1"	6'-8"	6'-2"	5'-9"	5'-4"	4'-10"					23'-4"	21'-1"	16'-8"	12'-2"	7'-9"	3'-2"								
	5'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4			10	2	2	2	2	2	2						7'	
			LENGTH	11'-9"	11'-5"	10'-10"	10'-4"	9'-10"	9'-3"	8'-9"	8'-2"	7'-8"	7'-0"	6'-6"	6'-0"	5'-5"	4'-11"			27'-4"	25'-4"	20'-11"	16'-6"	12'-0"	7'-7"	3'-2"							
11'	4'	7/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4			10	2	2	2	2	2	2	2				8'		
			LENGTH	13'-8"	13'-3"	12'-8"	12'-1"	11'-6"	10'-10"	10'-4"	9'-9"	9'-1"	8'-7"	7'-11"	7'-5"	6'-9"	6'-3"	5'-7"			29'-10"	29'-4"	25'-0"	20'-7"	16'-3"	11'-10"	7'-7"	3'-2"					
	5'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	2						8	2	2	2	2								4'	
			LENGTH	7'-8"	7'-5"	7'-0"	6'-7"	6'-1"	5'-9"	5'-4"	5'-0"	4'-7"	4'-4"							18'-10"	18'-2"	13'-3"	8'-5"	3'-6"									
12'	4'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	2						10	2	2	2	2							5'		
			LENGTH	8'-8"	8'-5"	8'-0"	7'-7"	7'-1"	6'-8"	6'-3"	5'-10"	5'-5"	4'-11"	4'-9"						20'-10"	17'-6"	12'-10"	8'-2"	3'-6"									
	5'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4				10	2	2	2	2	2							6'	
			LENGTH	9'-8"	9'-5"	9'-0"	8'-7"	8'-1"	7'-8"	7'-3"	6'-9"	6'-4"	5'-11"	5'-6"	5'-0"					23'-10"	21'-11"	17'-4"	12'-8"	8'-0"	3'-6"								
13'	4'	5/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		10	2	2	2	2	2	2						7'	
			LENGTH	11'-10"	11'-6"	10'-11"	10'-5"	9'-11"	9'-4"	8'-10"	8'-4"	7'-9"	7'-2"	6'-7"	6'-1"	5'-7"	5'-0"			27'-10"	26'-0"	21'-6"	17'-0"	12'-6"	8'-0"	3'-6"							
	5'	7/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		10	2	2	2	2	2	2	2						8'
			LENGTH	13'-9"	13'-4"	12'-9"	12'-2"	11'-7"	11'-0"	10'-5"	9'-10"	9'-4"	8'-8"	8'-2"	7'-6"	7'-0"	6'-5"	5'-10"	5'-6"		30'-4"	30'-2"	25'-9"	21'-3"	6'-11"	12'-4"	7'-11"	3'-6"					
14'	4'	7/8" DIA.	NUMBER	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2		12	2	2	2	2	2	2	2				9'	
			LENGTH	15'-6"	15'-1"	14'-5"	13'-10"	13'-1"	12'-5"	11'-11"	11'-4"	10'-8"	10'-1"	9'-5"	8'-10"	8'-2"	7'-7"	6'-11"	6'-4"	6'-0"		32'-10"	29'-11"	25'-5"	21'-1"	16'-8"	12'-4"	7'-11"	3'-6"				
	5'	7/8" DIA.	NUMBER	6	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		12	2	2	2	2	2	2	2	2	2	2	
			LENGTH	16'-5"	16'-1"	15'-6"	14'-11"	14'-4"	13'-8"	13'-1"	12'-5"	11'-10"	11'-3"	10'-7"	10'-0"	9'-4"	8'-9"	8'-2"	7'-6"	6'-11"	6'-3"		35'-8"	34'-1"	29'-9"	25'-6"	21'-1"	16'-10"	12'-5"	8'-1"	3'-8"		

CLEAR SPAN	CLEAR HEIGHT	REINFORCING STEEL - 2 WINGS																								CLEAR HEIGHT	CLEAR SPAN
		SAME FOR ALL DEPTHS OF FILL																									
		ALL ANGLES OF SKEW																									
		WING D																									
		SIZE	E BARS 12"C. TO C. SIZES AS SHOWN FOR WING A												F BARS 1/2"DIA. AT 12"C. TO C.												
7'	4'	5/8" DIA.	NUMBER	4	4	4	4	2						10	2	2	2									4'	
			LENGTH	7'-5"	6'-8"	5'-11"	5'-2"	4'-10"						8'-2"	6'-10"	4'-1"	2'-3"										
	5'	5/8" DIA.	NUMBER	4	4	4	4	4						10	2	2	2	2								5'	
			LENGTH	8'-5"	7'-8"	6'-11"	6'-2"	5'-5"						9'-8"	9'-6"	6'-9"	4'-1"	2'-3"									
8'	4'	5/8" DIA.	NUMBER	4	4	4	4	4	2					12	2	2	2	2								6'	
			LENGTH	9'-5"	8'-8"	7'-10"	7'-1"	6'-4"	5'-11"					10'-8"	9'-1"	6'-6"	3'-11"	2'-3"									
	5'	5/8" DIA.	NUMBER	4	4	4	4	4	4	2				12	2	2	2	2	2							7'	
			LENGTH	11'-7"	10'-7"	9'-7"	8'-8"	7'-8"	6'-8"	6'-2"				12'-8"	11'-7"	9'-1"	6'-6"	4'-0"	2'-3"								
9'	4'	5/8" DIA.	NUMBER	4	4	4	4	2						10	2	2	2									4'	
			LENGTH	7'-6"	6'-9"	6'-0"	5'-3"	4'-11"						8'-2"	7'-1"	4'-4"	2'-3"										
	5'	5/8" DIA.	NUMBER	4	4	4	4	4						12	2	2	2	2								5'	
			LENGTH	8'-6"	7'-9"	7'-0"	6'-3"	5'-7"						9'-8"	7'-1"	4'-4"	2'-3"										
10'	4'	5/8" DIA.	NUMBER	4	4	4	4	4	4					12	2	2	2	2								6'	
			LENGTH	9'-6"	8'-9"	8'-0"	7'-3"	6'-7"	5'-10"					11'-2"	9'-9"	7'-1"	4'-4"	2'-3"									
	5'	5/8" DIA.	NUMBER	4	4	4	4	4	4	2				12	2	2	2	2	2							7'	
			LENGTH	11'-8"	10'-8"	9'-8"	8'-9"	7'-8"	6'-9"	6'-3"				12'-8"	11'-9"	9'-3"	6'-8"	4'-2"	2'-3"								
11'	4'	7/8" DIA.	NUMBER	4	4	4	4	4	4	2				14	2	2	2	2	2							8'	
			LENGTH	13'-6"	12'-5"	11'-4"	10'-4"	9'-4"	8'-3"	7'-3"	6'-9"			14'-2"	11'-10"	9'-4"	6'-9"	4'-3"	2'-3"								
	5'	7/8" DIA.	NUMBER	4	4	4	4	2						10	2	2	2									4'	
			LENGTH	7'-7"	6'-11"	6'-2"	5'-6"	5'-2"						8'-8"	7'-9"	4'-10"	2'-3"										
12'	4'	5/8" DIA.	NUMBER	4	4	4	4	4						12	2	2	2	2								5'	
			LENGTH	8'-7"	7'-10"	7'-1"	6'-4"	5'-8"						9'-8"	7'-3"	4'-6"	2'-3"										
	5'	5/8" DIA.	NUMBER	4	4	4	4	4	4					12	2	2	2	2	2							6'	
			LENGTH	9'-7"	8'-10"	8'-1"	7'-4"	6'-7"	5'-11"					11'-2"	9'-11"	7'-3"	4'-6"	2'-3"									
13'	4'	5/8" DIA.	NUMBER	4	4	4	4	4	2					12	2	2	2	2	2							7'	
			LENGTH	11'-9"	10'-9"	9'-9"	8'-10"	7'-9"	6'-10"	6'-4"				12'-8"	11'-11"	9'-5"	6'-10"	4'-3"	2'-3"								
	5'	7/8" DIA.	NUMBER	4	4	4	4	4	4	4	2			14	2	2	2	2	2							8'	
			LENGTH	13'-7"	12'-6"	11'-5"	10'-5"	9'-5"	8'-4"	7'-4"	6'-10"			14'-2"	12'-11"	9'-6"	6'-11"	4'-4"	2'-3"								
14'	4'	7/8" DIA.	NUMBER	4	4	4	4	4	4	4				14	2	2	2	2	2							9'	
			LENGTH	15'-6"	14'-3"	13'-3"	12'-6"	10'-11"	9'-8"	8'-6"	7'-5"			15'-5"	14'-6"	11'-11"	9'-6"	7'-0"	4'-6"	2'-3"							
	5'	7/8" DIA.	NUMBER	4	4	4	4	4	4	4	4			16	2	2	2	2	2	2						10'	
			LENGTH	16'-4"	15'-3"	14'-3"	13'-2"	12'-0"	10'-10"	9'-9"	8'-8"	7'-7"	16'-11"	14'-6"	12'-11"	9'-7"	7'-0"	4'-6"	2'-3"								



DATE	DEPARTMENT	
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