

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-8258-01	2007	244	556

BILL OF REINFORCING STEEL

BAR MARK	BENDING MARK	SIZE	NO.	LENGTH	DIMENSIONS					
					"a"	"b"	"c"	"d"	"e"	"f"
BH1	A	16	258	7400	7400					
BV1	C	16	675	2885	155	1365	1365			
BCV1	A	16	600	1700	1700					
BWV1	A	16	600	1200	1200					
CH1	A	16	240	7400	7400					
CS1	C	16	550	2170	910	630	630			
CS2	C	16	650	2310	910	700	700			
CTB1	B	19	600	1660	900	760				
CTF1	B	19	300	2300	1540	760				
CTF2	B	19	300	2400	1640	760				
WBV1	B	19	25	3840	2840	1000				
WBV2	B	19	25	3600	2600	1000				
WBV3	B	19	25	3360	2360	1000				
WV1	B	19	25	5280	2670	2610				
WV2	B	19	25	4740	2430	2310				
WV3	B	19	25	4200	2190	2010				
WH1	A	19	908	7400	7400					
WT1	C	19	600	1950	170	890	890			
WT2	C	19	75	2250	230	1010	1010			
WV1	A	19	50	6560	6560					
WV2	A	19	50	6440	6440					
WV3	A	19	50	6310	6310					
WV4	A	19	50	6180	6180					
WV5	A	19	50	5830	5830					
WV6	A	19	50	5700	5700					
WV7	A	19	50	5570	5570					
WV8	A	19	50	5450	5450					
WV9	A	19	50	5110	5110					
WV10	A	19	50	4980	4980					
WV11	A	19	50	4640	4640					
WV12	A	19	50	4510	4510					
WV13	A	19	50	4170	4170					
WV14	A	19	50	4040	4040					
WV15	A	19	50	3690	3690					
WV16	A	19	50	3560	3560					
WV17	A	19	50	3210	3210					
WV18	A	19	50	3080	3080					
WV19	A	19	50	2720	2720					
WV20	A	19	50	2590	2590					
WV21	A	19	50	2230	2230					
WV22	A	19	50	2100	2100					
WV23	A	19	50	1740	1740					
WV24	A	19	50	1610	1610					

WALL N2A

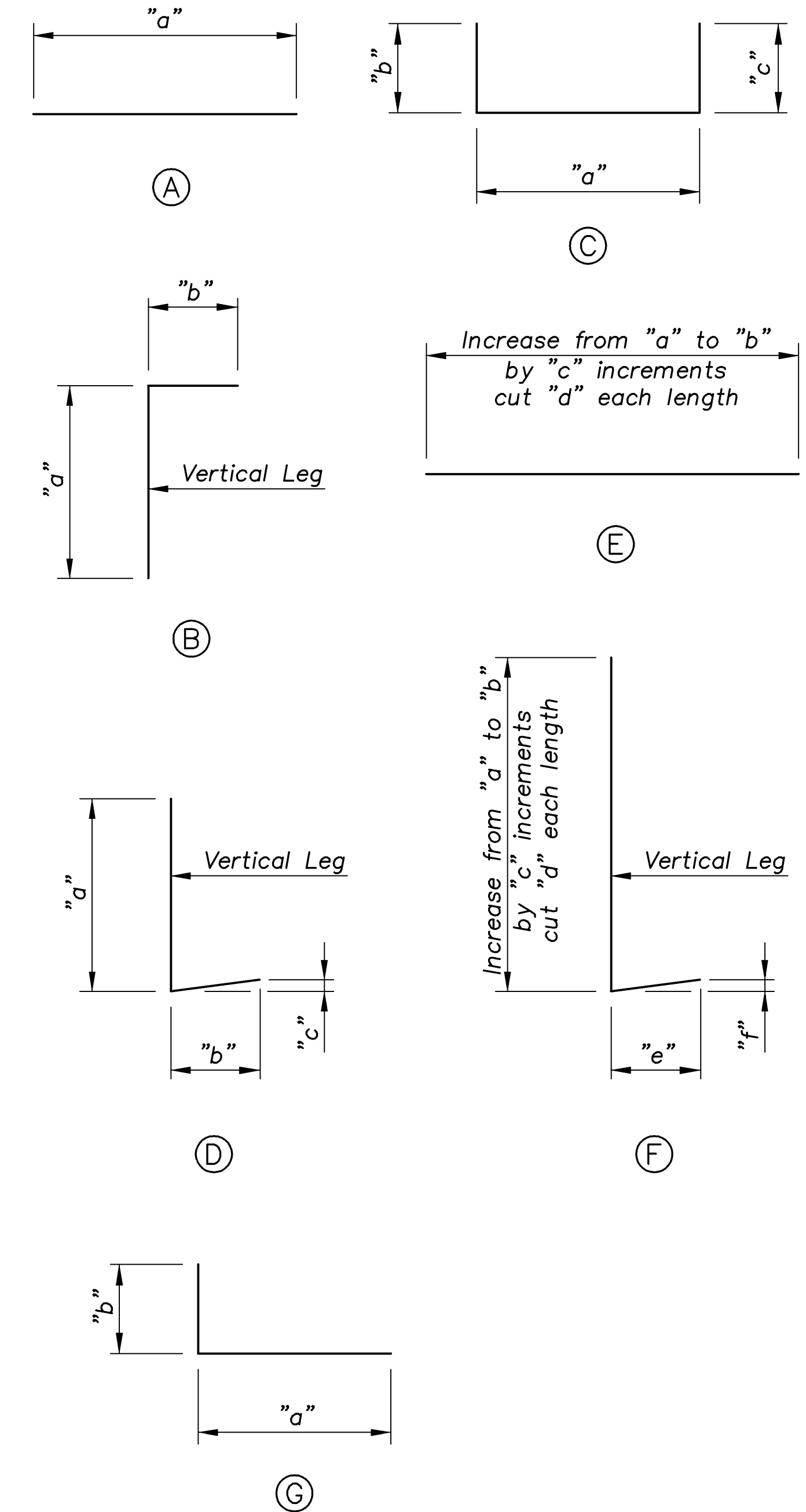
BILL OF REINFORCING STEEL

BAR MARK	BENDING MARK	SIZE	NO.	LENGTH	DIMENSIONS					
					"a"	"b"	"c"	"d"	"e"	"f"
WH1	A	19	6	9610	9610					
WH2	A	19	2	9630	9630					
WH3	A	19	2	5300	5300					
WH4	A	19	284	7400	7400					
WH5	A	19	2	7460	7460					
WH6	A	19	2	5730	5730					
WH7	A	19	2	3220	3220					
WH8	A	19	2	7660	7660					
WH9	E	19	14	Varies	530	7250	1120	2		
WH10	A	19	2	7750	7750					
WH11	E	19	14	Varies	840	6630	965	2		
WH12	A	19	2	7800	7800					
WH13	E	19	16	Varies	860	7160	900	2		
WT1	C	19	500	1850	230	810	810			
WT2	C	19	150	1690	170	760	760			
WV1	F	19	64	Varies	365	985	20	2	760	35
WV2	D	19	950	1780	1020	760	35			
WV3	F	19	50	Varies	1040	1880	35	2	760	35
WV4	E	19	50	Varies	2460	4380	80	2		
WV5	E	19	50	Varies	4440	6600	90	2		
WV6	E	19	50	Varies	6720	9000	95	2		


WALL N2B

BENDING DIAGRAMS

(All dimensions are out to out of bars)



1:200 RET WALL/DETAILS

KANSAS DEPARTMENT OF TRANSPORTATION		 Cook, Flatt & Strobel ENGINEERS, P. A.
ROCK ROAD RETAINING WALLS BILL OF REINFORCING STEEL		
DESIGNED R.S.C.	SCALE Noted	PROJECT NO. 54-87 K-8258-01 SEDGWICK COUNTY SHEET 25 OF 27
DATE T.R.G.	DATE	