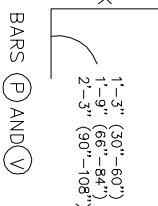
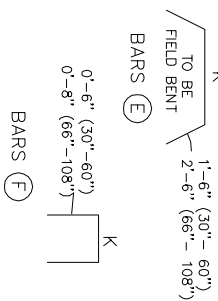


NOTES

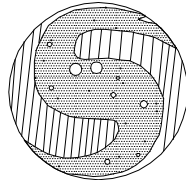
- ① NUMBER OF BARS IN ONE HEADWALL. DIMENSIONS ARE 0. TO 0. OF BARS.
- 3 ALL BARS ARE STRAIGHT EXCEPT THOSE SHOWN BELOW.

BENT BAR SHAPES



USE WITH CURRENT SD#1 STANDARD DRAWING NOS. STM 17.1, STM 17.2, & STM 17.4.

REVISION		DATE		BY		DATE	
M	A	S	N	L	G	T	H
K	E	①	FT	IN	FT	IN	K
30"							
A	5	4	2	4	8		
G <sub>1</sub>	4	2	2	4			
G <sub>2</sub>	4	2	4	2			
E <sub>1</sub>	5	2	6	4	3	4	V <sub>2</sub>
E <sub>2</sub>	5	2	6	8	3	8	V <sub>3</sub>
F	4	3	1	3	0	4	
G <sub>1</sub>	4	2	3	10			
G <sub>2</sub>	4	4	3	6	2		
H	4	4	5	1	3	5	
N	4	6	4	2			
Q	4	2	2	9			
R	4	3	0	8			
V <sub>1</sub>	5	4	3	1	1	10	C <sub>1</sub>
V <sub>2</sub>	5	4	4	1	2	10	C <sub>2</sub>
48"							
A	5	4	6	11			
C <sub>1</sub>	4	2	1	10			
C <sub>2</sub>	4	2	3	10			
C <sub>3</sub>	4	2	5	10			
C <sub>4</sub>	4	2	6	2			
E <sub>1</sub>	5	2	8	1	5	1	G <sub>2</sub>
E <sub>2</sub>	5	2	8	5	5	5	G <sub>3</sub>
F	4	5	1	3	0	4	H
G <sub>1</sub>	4	1	4	0			N
G <sub>2</sub>	4	3	7	5			Q
G <sub>3</sub>	4	3	9	9			R
H	4	6	6	10	5	2	V <sub>1</sub>
N	4	6	6	2			V <sub>2</sub>
Q	4	2	4	10	3	11	Q
E <sub>1</sub>	5	2	6	11	3	11	R
E <sub>2</sub>	5	2	7	3	4	3	R
F	4	4	1	3	0	4	V <sub>1</sub>
G <sub>1</sub>	4	3	5	0			V <sub>2</sub>
G <sub>2</sub>	4	3	7	4			V <sub>3</sub>
H	4	5	5	10			
N	4	6	4	10			
Q	4	2	3	3	4		
R	4	4	0	8	2	1	A
V <sub>1</sub>	5	4	4	0	8		B <sub>1</sub>
V <sub>2</sub>	5	4	4	3	1		B <sub>2</sub>
V <sub>3</sub>	5	4	2	5	4		B <sub>3</sub>
54"							
A	5	4	7	7			A
C <sub>1</sub>	4	2	0	11			B <sub>1</sub>
C <sub>2</sub>	4	2	3	0			B <sub>2</sub>
C <sub>3</sub>	4	2	5	1			B <sub>3</sub>
C <sub>4</sub>	4	4	6	10			C <sub>3</sub>
E <sub>1</sub>	5	2	8	8	5	8	C <sub>4</sub>
E <sub>2</sub>	5	2	9	0	6	0	C <sub>5</sub>
F	4	6	1	3	0	4	E <sub>1</sub>
G <sub>1</sub>	4	1	5	3			E <sub>2</sub>
G <sub>2</sub>	4	3	8	9			F
G <sub>3</sub>	4	3	11	0			G <sub>1</sub>
E <sub>1</sub>	5	2	7	6	4	6	G <sub>2</sub>
E <sub>2</sub>	5	2	7	10	4	10	G <sub>3</sub>
F	4	4	1	3	0	4	H
G <sub>1</sub>	4	4	3	0			M
G <sub>2</sub>	4	3	8	4			W
G <sub>3</sub>	4	3	8	4			X
V <sub>1</sub>	5	4	6	4	0	2	V <sub>1</sub>
V <sub>2</sub>	5	4	4	5	0	3	V <sub>2</sub>
60"							
A	5	4	8	4			A
C <sub>1</sub>	4	2	2	1			B <sub>1</sub>
C <sub>2</sub>	4	2	4	2			B <sub>2</sub>
C <sub>3</sub>	4	2	6	3			B <sub>3</sub>
C <sub>4</sub>	4	4	7	7			B <sub>4</sub>
E <sub>1</sub>	5	2	9	3	6	3	B <sub>5</sub>
E <sub>2</sub>	5	2	9	7	6	7	C <sub>2</sub>
F	4	6	1	3	0	4	C <sub>3</sub>
G <sub>1</sub>	4	2	6	6			C <sub>4</sub>
G <sub>2</sub>	4	2	6	2			C <sub>5</sub>
G <sub>3</sub>	4	3	10	0			C <sub>6</sub>
H	4	7	8	0	6	4	E <sub>1</sub>
N	4	6	7	7			E <sub>2</sub>
Q	4	2	5	8			F
R	4	4	0	10			G <sub>1</sub>
V <sub>1</sub>	5	4	4	3	3	0	G <sub>2</sub>
V <sub>2</sub>	5	4	5	3	4	0	G <sub>3</sub>
V <sub>3</sub>	5	4	6	2	4	11	H
66"							
A	5	4	9	4			A
B <sub>1</sub>	5	8	2	10			B <sub>1</sub>
B <sub>2</sub>	5	8	4	9			B <sub>2</sub>
B <sub>3</sub>	5	8	4	9			B <sub>3</sub>
B <sub>4</sub>	5	8	5	9			B <sub>4</sub>
B <sub>5</sub>	5	8	5	9			B <sub>5</sub>
C <sub>1</sub>	4	4	1	5			B <sub>6</sub>
C <sub>2</sub>	4	4	3	5			C <sub>1</sub>
C <sub>3</sub>	4	4	3	5			C <sub>2</sub>
C <sub>4</sub>	4	4	5	6			C <sub>3</sub>
C <sub>5</sub>	4	4	7	7			C <sub>4</sub>
E <sub>1</sub>	5	2	8	8	4	8	C <sub>5</sub>
E <sub>2</sub>	5	2	9	0	6	0	C <sub>6</sub>
F	4	6	1	3	0	4	E <sub>1</sub>
G <sub>1</sub>	4	1	5	3			E <sub>2</sub>
G <sub>2</sub>	4	3	8	9			F
G <sub>3</sub>	4	3	11	0			G <sub>1</sub>
E <sub>1</sub>	5	2	9	3	7	4	G <sub>2</sub>
E <sub>2</sub>	5	2	12	3	7	4	G <sub>3</sub>
F	4	7	1	9	0	6	C <sub>4</sub>
G <sub>1</sub>	4	7	1	9	0	6	C <sub>5</sub>
G <sub>2</sub>	4	7	1	9	0	6	C <sub>6</sub>
G <sub>3</sub>	4	7	1	9	0	6	E <sub>1</sub>
H	4	16	3	9			E <sub>2</sub>
M	4	14	8	4			F
W	4	14	8	4			G <sub>1</sub>
X	4	16	5	0			G <sub>2</sub>
72"							
A	5	4	10	1			A
B <sub>1</sub>	5	8	3	0			B <sub>1</sub>
B <sub>2</sub>	5	8	4	0			B <sub>2</sub>
B <sub>3</sub>	5	8	4	11			B <sub>3</sub>
B <sub>4</sub>	5	8	5	11			B <sub>4</sub>
B <sub>5</sub>	5	8	5	11			B <sub>5</sub>
C <sub>1</sub>	4	4	7	7			B <sub>6</sub>
C <sub>2</sub>	4	4	7	7			C <sub>1</sub>
C <sub>3</sub>	4	4	7	7			C <sub>2</sub>
C <sub>4</sub>	4	4	7	7			C <sub>3</sub>
C <sub>5</sub>	4	4	7	7			C <sub>4</sub>
E <sub>1</sub>	5	2	12	5	7	5	C <sub>5</sub>
E <sub>2</sub>	5	2	12	11	7	11	C <sub>6</sub>
F	4	8	1	9	0	6	E <sub>1</sub>
G <sub>1</sub>	4	8	1	9	0	6	E <sub>2</sub>
G <sub>2</sub>	4	8	1	9	0	6	F
G <sub>3</sub>	4	8	1	9	0	6	G <sub>1</sub>
H	4	18	3	9			G <sub>2</sub>
N	4	14	9	1			G <sub>3</sub>
Q	5	18	5	3	3	6	H
R	5	7	2	7			N
78"							
A	5	4	10	10			A
B <sub>1</sub>	5	8	3	4			B <sub>1</sub>
B <sub>2</sub>	5	8	4	3			B <sub>2</sub>
B <sub>3</sub>	5	8	5	3			B <sub>3</sub>
B <sub>4</sub>	5	8	5	3			B <sub>4</sub>
B <sub>5</sub>	5	8	6	2			B <sub>5</sub>
B <sub>6</sub>	5	8	6	2			B <sub>6</sub>
C <sub>1</sub>	4	4	7	7			C <sub>1</sub>
C <sub>2</sub>	4	4	7	7			C <sub>2</sub>
C <sub>3</sub>	4	4	7	7			C <sub>3</sub>
C <sub>4</sub>	4	4	7	7			C <sub>4</sub>
C <sub>5</sub>	4	4	7	7			C <sub>5</sub>
E <sub>1</sub>	5	2	13	3	9	8	E <sub>1</sub>
E <sub>2</sub>	5	2	14	2	9	2	E <sub>2</sub>
F	4	9	1	9	0	6	F
G <sub>1</sub>	4	9	1	9	0	6	G <sub>1</sub>
G <sub>2</sub>	4	9	1	9	0	6	G <sub>2</sub>
G <sub>3</sub>	4	9	1	9	0	6	G <sub>3</sub>
H	4	9	11	0	8	10	H
N	4	22	3	9			N
Q	5	22	5	9	4	0	Q
R	5	9	2	8			R
90"							
A	5	4	12	3			A
B <sub>1</sub>	5	8	3	10			B <sub>1</sub>
B <sub>2</sub>	5	8	4	9			B <sub>2</sub>
B <sub>3</sub>	5	8	5	9			B <sub>3</sub>
B <sub>4</sub>	5	8	6	8			B <sub>4</sub>
B <sub>5</sub>	5	8	7	7			B <sub>5</sub>
B <sub>6</sub>	5	8	7	7			B <sub>6</sub>
C <sub>1</sub>	4	4	1	11			C <sub>1</sub>



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DATE: MAY 2010  
 STANDARD DRAWING NO. STM-17.3

BILL OF REINFORCEMENT HEADWALLS (30"-90" DIAMETER CIRCULAR PIPE) - 0° SKEW

(STM-17.3)

N.T.S.

(REFERENCE KYTC STANDARD DRAWING RDH--310)