8/4/2004 3:48:22 AM \\GDOT-DSN1\DOPLDIV\OFE\OT TIFF OUTPUT.OCE 50WENS \\GDOT-FS02\STANDARDS AND CONSTRUCTION DETAILS\STANDARDS\ENGLISH STANDARDS (.PRF)\2321-1.PRF 60-RD6

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

REINFORCING STEEL

BARREL DESIGN NO. 1 — 1.5' TO 12.0' FILL OVER BBL. INCL. PAVING

CLEAR SPAN	CLEAR HEIGHT	"A" BARS SIZE	"A" BARS NO.	"A" BARS LENGTH	"A" BARS SPACING	"B" BARS ½" DIA. NO.	"B" BARS ½" DIA. LENGTH	"B" BARS ½" DIA. SPACING	"C" BARS ½" DIA. NO.	"C" BARS ½" DIA. LENGTH	"D" BARS ½" DIA. NO.	"D" BARS ½" DIA. LENGTH
4'	5'	¾" DIA.	5'-0"	6½"		6'-0"	@2"	12			10	
3'	2'	⅝" DIA.	3'-8"	5½"		2'-10"	@2"	8			4	
	2'-6"		3'-8"	5½"		3'-4"	@2"	8			6	
	3'		3'-8"	5½"		3'-10"	@2"	8			6	
4'	2'-6"	¾" DIA.	4'-8"	7½"		3'-6"	@2"	10			6	
	3'		4'-8"	7½"		4'-0"	@2"	10			6	
	4'		5'-0"	7"		5'-0"	@2"	10			8	
5'	2'-6"		5'-8"	6½"		3'-7"	@2"	12			6	
	3'		5'-8"	6½"		4'-1"	@2"	12			6	
	4'		6'-0"	6½"		5'-1"	@2"	12			8	
	5'		6'-0"	6½"		6'-1"	@2"	12			10	
6'	3'		6'-10"	6"		4'-2"	@2"	14			6	
	4'		7'-0"	6"		5'-2"	@2"	14			8	
	5'		7'-2"	6"		6'-2"	@2"	14			10	
	6'		7'-2"	5½"		7'-2"	@2"	14			12	

2 × ("L" IN INCHES / SPACING) + 2 BARS; 2 × ("L" IN FEET) + 2 BARS; ½ AT "L" IN FEET + 2' + 2'-0" FOR EACH LAP, ½ AT "L" IN FEET + 5'-10" + 2'-0" FOR EACH LAP; "L" IN FT. + 4'-6" + 2'-0" FOR EACH LAP

BARREL DESIGN NO. 2 — FOR 12.1' TO 20.0' FILL

CLEAR SPAN	CLEAR HEIGHT	"A" BARS SIZE	"A" BARS NO.	"A" BARS LENGTH	"A" BARS SPACING	"B" BARS ½" DIA. NO.	"B" BARS ½" DIA. LENGTH	"B" BARS ½" DIA. SPACING	"C" BARS ½" DIA. NO.	"C" BARS ½" DIA. LENGTH	"D" BARS ½" DIA. NO.	"D" BARS ½" DIA. LENGTH
4'	5'	⅞" DIA.	5'-2"	6"		6'-2"	@2"	12			10	
3'	2'	⅝" DIA.	3'-8"	5½"		2'-10"	@2"	8			4	
	2'-6"		3'-8"	5½"		3'-4"	@2"	8			6	
	3'		3'-8"	5½"		3'-10"	@2"	8			6	
4'	2'-6"	¾" DIA.	4'-8"	7½"		3'-6"	@2"	10			6	
	3'		4'-8"	7½"		4'-0"	@2"	10			6	
	4'		5'-0"	7"		5'-0"	@2"	10			8	
5'	2'-6"		7'-2"	6½"		3'-7"	@2"	12			6	
	3'		7'-2"	6½"		4'-1"	@2"	12			6	
	4'		7'-6"	6½"		5'-1"	@2"	12			8	
	5'		7'-8"	6		6'-2"	@2"	12			10	
6'	3'	⅞" DIA.	8'-6"	7½"		4'-3"	@2"	14			6	
	4'		8'-8"	7"		5'-3"	@2"	14			8	
	5'		8'-10"	7½"		6'-4"	@2"	14			10	
	6'		9'-0"	7"		7'-4"	@2"	14			12	

2 × ("L" IN INCHES / SPACING) + 2 BARS; 2 × ("L" IN FEET) + 2 BARS; ½ AT "L" IN FEET + 2' + 2'-0" FOR EACH LAP, ½ AT "L" IN FEET + 5'-10" + 2'-0" FOR EACH LAP; "L" IN FT. + 4'-6" + 2'-0" FOR EACH LAP

WING WALLS AND PARAPETS — SAME FOR ALL DEPTHS OF FILL

"E" BARS ½" DIA. AT 12" C. TO C. — 4 BARS OF EACH LENGTH

CLEAR SPAN	CLEAR HEIGHT												
4'	5'	8'-6"	8'-4"	7'-11"	7'-6"	7'-2"	6'-9"	6'-4"	5'-11"	5'-6"	5'-1"		
3'	2'	5'-4"	5'-3"	4'-10"	4'-5"	4'-1"	3'-8"						
	2'-6"	5'-10"	5'-9"	5'-4"	5'-0"	4'-7"	4'-2"	3'-9"					
	3'	6'-5"	6'-4"	5'-11"	5'-7"	5'-2"	4'-9"	4'-4"					
4'	2'-6"	5'-10"	5'-9"	5'-4"	5'-0"	4'-7"	4'-2"	3'-9"					
	3'	6'-5"	6'-4"	5'-11"	5'-7"	5'-2"	4'-9"	4'-4"					
	4'	7'-5"	7'-4"	6'-11"	6'-7"	6'-2"	5'-9"	5'-4"	4'-11"	4'-6"			
5'	2'-6"	5'-10"	5'-5"	5'-4"	5'-0"	4'-7"	4'-2"	3'-9"					
	3'	6'-5"	6'-4"	5'-11"	5'-7"	5'-2"	4'-9"	4'-4"					
	4'	7'-5"	7'-4"	6'-11"	6'-7"	6'-2"	5'-9"	5'-4"	4'-11"	4'-6"			
	5'	8'-6"	8'-4"	7'-11"	7'-6"	7'-2"	6'-9"	6'-4"	5'-11"	5'-6"	5'-1"		
6'	3'	6'-5"	6'-4"	5'-11"	5'-7"	5'-2"	4'-9"	4'-4"					
	4'	7'-5"	7'-4"	6'-11"	6'-7"	6'-2"	5'-9"	5'-4"	4'-11"	4'-6"			
	5'	8'-6"	8'-4"	7'-11"	7'-6"	7'-2"	6'-9"	6'-4"	5'-11"	5'-6"	5'-1"		
	6'	9'-6"	9'-4"	9'-0"	8'-7"	8'-2"	7'-9"	7'-4"	7'-0"	6'-7"	6'-2"	5'-[illegible]	5'-5"

"F" BARS ½" DIA. AT 12" C. TO C. — 4 BARS OF EACH LENGTH; K ½" DIA.

| CLEAR SPAN | CLEAR HEIGHT | | | | | | | | | | | |