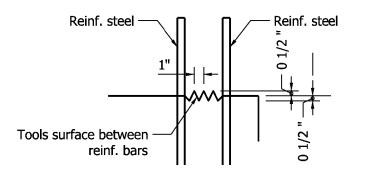
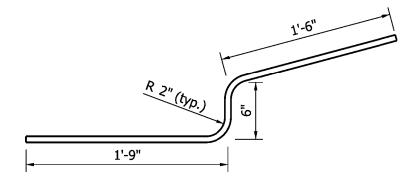


## OPTIONAL COUPLING

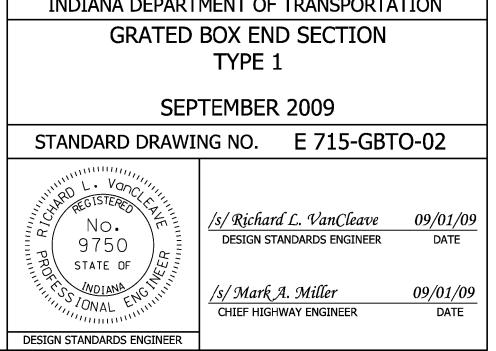
<u>501 x 4'-0"</u>



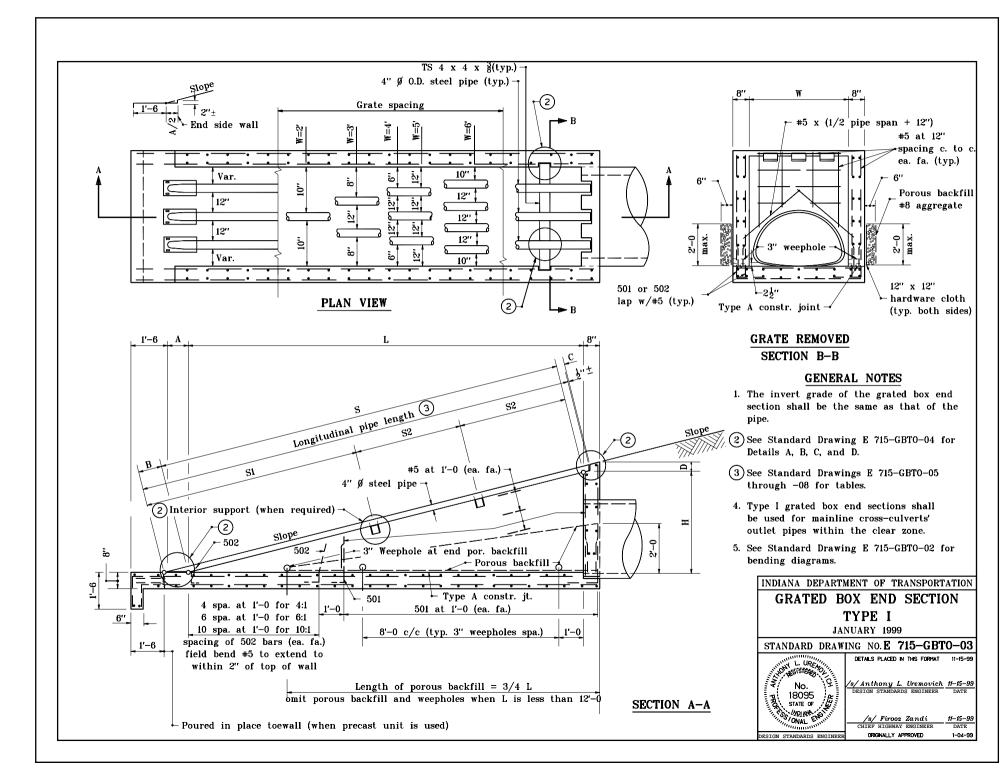
TYPE A CONSTRUCTION JOINT



502 x 3'-9"

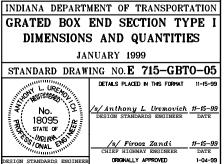


## INDIANA DEPARTMENT OF TRANSPORTATION



21.  $\frac{3}{4}$ " Ø X 2" slotted holes \_24" 24" -Т. 4<sup>3</sup>"х 3" Øра PL 9" x 3" x (A + 1")  $L 3\frac{1}{2}'' \times 2\frac{1}{2}'' \times \frac{3}{8}''$ Typ. 닄 - 🕁 ⊈ ∮″ Ø bolt ()61. 1.../  $2\frac{1}{2}$ 1/2" Ð 1.11 4'' recess in – TS 4″ x 4″ x 🧃 backwall PLAN PLAN SECTION L-L ← 4″ 0.D. pipe L  $3\frac{1}{2}$ " x  $2\frac{1}{2}$ " x  $\frac{3}{8}$ " x 0'-3 4" O.D. steel pipe -Long. pipe long. pipe length. length R pa (bevel contact edge to match slope) §"Øhole in 4"Ø 232 pipe for  $\frac{1}{2}$ " Ø bolt ρ x 4" x <sup>3</sup>" 3" B  $\frac{3}{4}$ " Ø x 1 $\frac{1}{2}$ " slotted H Е hole in angle &  $\frac{5}{8}$ " Ø hole in pipe for  $\frac{1}{2}$ " Ø bolt  $\frac{1}{2}$ " th'd. insert E + 2" 2"  $\frac{1}{2}$ " th'd. insert for  $\frac{1}{2}$ " 0/bolt. for 1" Ø bolt. DETAIL C DETAIL A DETAIL B recess in 4<u>3</u>" recess in sidewall -44" sidewall 28" **E**  $4\frac{3}{4}x$   $\frac{3}{8}x$  0'- $4\frac{3}{4}$  pb -23" (typ. top & sides 1.../ 4" INDIANA DEPARTMENT OF TRANSPORTATION GRATED BOX END SECTION 33 Cross pipe length 2 TYPE I JANUARY 1999  $\frac{5}{8}$ " Ø hole in TS 4 (typ. bottom STANDARD DRAWING NO.E 715-GBT0-04 x 4 for  $\frac{1}{2}$ " Ø bolt. М Μ ₿ pb – DETAILS PLACED IN THIS FORMAT 11-15-99 ½" Ø th'd insert TS 4 x 4 x 8 s/Anthony L. Uremovich 11-15-99 No. 18095 STATE OF SECTION M-M DETAIL D INDI ANA /s/ Firooz Zandi 11-15-99 ONAL CHIEF HIGHWAY ENGINEE DATE ORIGINALLY APPROVED 1-04-99 DESIGN STANDARDS ENGINEER

					9	• 1 9	LOPE								٦										3 .	1 SL	OPF						
CULVERT			T				al Pip				Cross	Tube			-			$\vdash$						-			1 Pipe				ross Tu	he	
SIZE	H	L	W		S	_	Len		No	Length		SI		32	-				CULVEI SIZE		H	L	W	S			Length			ength			S2
	2'-0''	4'-0'	2'-0	<u>'' 4'-</u>	-5 8''	1	_		-	-	_	<u>, -1</u>		-	-				12		2'-0''	6'-0''	2'-0''	-	l	1	7'-9'			-72"	5'-3		2'-0''
	2'-6''			_	-7"	1				2'-75''	_	/_9Å"		-6''	_				15 &			7'-6''				1	9-34			-75"	5-4		3'-6''
	3'-0''				-85"		7'-1		-	-		"-4 3"	_	_	-				21 & 3			9'-0''				2	10'-10			-75"	6'-11		3'-6''
	3'-6''				-97''	2	10'-	11''	-	-		<u>'-5</u> {{''		_	-				27 &			10'-6''			3	2	12'-54		3'-	-73"	8-67		3'-6''
33 & 36 4					-11 8''	3	10'-1	18"	-	-	6	1-78"		-	_				33 &							3	14'-04	" 1	. 4'-	-7]."	10'-1	1	3'-6''
	4'-6''						11'-		-	-	1	0'-83	'	-	_				42			13'-6''				3	15-74	'' 1	4'-	-72"	10'-8		4'-6''
48 5	5'-0''	10'-0'	'' 5'-0	)'' 11'	-2{[''	3	12'-	4 8''	-		11	'-10g	"	-					48			15'-0''				3	17'-24	'' 1	. 5'-	-71''	12'-3	3	4'-6''
	5'-6''					4	13'-	5之"	1	6'-72''	9	'-118'	' 3	-0''					54	5	5'-6''	16'-6''	6'-0''	17'-4	3	4	18'-94	" 1	6'-	-72''	10'-4	}··	8'-0''
60 6	6'-0''	12'-0	''  6'-(	)'   13	'-5''	4	14'	-7"	1	6'-72'	' 1	1'-1''	3	'-0''					60	6	3'-0''	18'-0''	6'-0''	18'-11	13"	4	$20'-4\frac{3}{4}$	'' 1	6'-	-72"	11'-11	3''	8'-0''
					4.	1 S	OPF								٦										5 • •	1 SL	) PF						
CUIT VIEDO			1				al Pir	e II			Cross	Tube			-			$\vdash$	<i></i>	m							l Pipe	п		r	ross Tu	be	
CULVERT SIZE	Н	L	w		S	No.			No.	Length	_	SI	-	32	-				CULVE SIZE		H	L	W	S	<u>g</u> .r.	No.	Length	1 N	0. 14	ength			S2
	2'-0''	8'-0'	12-0	·· 8	-3"		9'-1			2'-75'		5'-7''		~~ -0''	-				12		2'-0''	10'-0''	2'-0''		3		12-24			-74''	6'-23'	<del>,  </del>	2'-10''
	2'-6''					1	_		2	2-75		-73"		-0''					15 &			10-0					14'-98'			-75''	5'-11'		$\frac{2-10}{4'-3''}$
	3'-0''								1	3-75		-22"	4'-		-				21 & 2			15'-0''				2	17'-4"			-75"	9'-22		7'-9''
27 & 30 3							16'-		1	3'-75'		r-3Å"		-6''					27 &								19'-103			-75"	9'-64		5'-0''
33 & 36 4						3			1	4'-72'		<u> '-3</u> {{'	6'	-6''					33 &			20'-0''					22'-5			-75″	13'-0		9'-0''
	4'-6''					3		~ 1	1	4'-72'	12	2'-4 8'	' 7'	-6''					42			22'-6''					$\frac{24'-11}{24'}$			-72''	13'-1		11'-6''
48 5	5'-0''	20'-0	'' 5'-0	)'' 20'	-78"	3	22'-	-4''	1	5'-73'	1	['-5ខ្លី'	' 10	'-6''	_				48			25'-0''				3	$27'-6\frac{1}{4}$	" 2	2 5	-75"	13'-2'		7'-0''
54 5	5'-6''	22'-0	'' 6'-0	)'' 22'	-88''	4	24'-	-4 4 ''		6'-72'	12	2'-6 å'	' 11	-6"					54	1	5'-6''	27'-6''	6'-0'	28'-0	<u>יי</u> לי	4	30'-0 %	' 2	2 6'	-73''	$13'-2\frac{1}{2}$	"	8'-3''
60 6	3'-0''	24'-0	′ <u>6′</u> –0	)'' 24	'-8 <u>{</u> ''	' 4	26'-	-55''	2	6'-72'	· 1	2'-6f	6	-9''					60		6'-0''	30'-0''	6'-0'	30'-7	<b>Ā</b> ''	4	$32'-7\frac{1}{2}'$	" 2	2 6'	-75"	11'-9	" ]	10'-3''
15       & 18       2         21       & 24       3         27       & 30       3         33       & 36       4         42       48       5         54       54       5	3'-0'' 3'-6''	15'-0' 18'-0' 21'-0' 24'-0' 27'-0 30'-0 33'-0'	' 2'-0 ' 3'-0 '' 3'-0 '' 4'-0 '' 4'-0 '' 5'-0 '' 6'-0	r" 15' " 18 )" 21' )" 24 )" 27 r" 30 r" 33	'-3'' '-3 <u>2</u> '' '-4'' '-4 <u>2</u> '' )'-5''	1 2 2 3 , 3 3 , 3 , 3 , 4	23'- 26'- 29'- 32'-	64'' -74'' -74'' -84'' -84'' -84'' -94'' -94'' -94''		$\frac{2'-75'}{3'-75'}$ $\frac{3'-75'}{4'-75'}$ $\frac{4'-75'}{5'-75'}$ $\frac{6'-75'}{6'-75'}$	6 9 9 1 1 1 1 1 1 1 1 1 1	5'-2'' '-8½'' 9'-9'' 9'-9½' 3'-4½ 3'-4½ 3'-5'' 2'-11½ 3'-0''	5' 5' 6' ' 6' ' 8 9 '' 11	-0" -3" -9" -6" -0" -6" -3" -6"																			
							APPR	OXIM/	ATE (	QUANT	TIES																						
1	2	: 1 S	LOPE			3:1	SLOPE			1:1S		-	5	: 1	SLOPE		6	: 1 :	SLOPE														
PIPE	Concre	te,	T			erete,				rete,			Conci				Concr	ete,															
DIAMETER	Cu. Y		Reinf. Steel,	Str. Steel,	Cu.	Yds.	Reinf. Steel,	Str. Steel,	Cu.		leinf. Steel,	Str. Steel,	Cu.	íds.	Reinf. Steel,	Str. Steel,	Cu. Y	'ds.	Reinf. Steel,	Str. Steel,							INDIA	NA I	DEPAI	RTMEN	IT OF	TRAN	NSPORTA
0		С.М.	lb.	lb.	Conc.		lb.	lb.	Conc.	С.М.	lb.	lb.	Conc.	C.M.	lb.	lb.	Conc.		lb.	lb.							GRA	TED	BO	EN	D SEC	CTIO	N TYI
	Pipe I	Pipe							Pipe	Pipe				Pipe			Pipe 1	-															NTITIE
	1.1 1		290	80		1.4	375				465	195	2.1		555	275	2.4		645	305							ע	I IVI C.I	VIGE	NO I		UAL	NIIIIC
	1.3 1		345		1.8		460	180			575	270					3.0		805	345										JANU/	ARY 19	99	
	1.9				2.5		620		3.1		775	460			935		4.3			705 790							STAN	DARI	) DR	WING	NO E	715	5–GBTC
	2.1 2.8		525 670			3.0		410			905	510 825			1095 1395		5.2 6.9			780 1255									<i>u</i> .		TALS PLACE		
	$\frac{2.8}{3.2}$			410			910	660 720		4.9 5.7	1305			6.0 8.9			8.0			1255							A. A. A.	Y L. UK	ENG	"			
	4.0			910			1250	80	8.5		1940				1940		10.1			1515									80.74 S	1/1/	Inthere		an and at
										8.8							12.4			2145								No.	<sup>۲</sup> -	1 / 8/ DE	Anthony SIGN STAN	DARDS E	removich 1 ENGINEER
	5.4																		3035								1:2	1809	r /#				
					•	•															•						11.05	VDIAN	ENO TH		/s/ Fir	noz Za	andi i

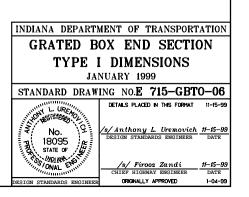


<b>JJ &amp; JD</b>	4 -0	120.	4-0	12-74	<b>J</b>	14 -08	1	4-72	1014.	3-6.
42	4'-6''	13'-6''	4'-0''	$14'-2\frac{3}{4}''$	3	15'-74''	1	4'-72''	10'-8 <sup>3</sup> /4''	4'-6''
48	5'-0''	15'-0''	5'-0''	15'-94''	3	17'-23''	1	5'-72''	12'-34''	4'-6''
54	5'-6''	16'-6''	6'-0''	17'-43''	4	18'-94''	1	6'-72''	10'-43''	8'-0''
60	6'-0''	18'-0''	6'-0''	18'-11 <sup>3</sup> "	4	20'-43''	1	6'-71''	11'-11 <sup>3</sup> "	8'-0''
				5 :	<u>1 SL</u>	OPE				
CULVERT	н			Longit	udina	al Pipe		Cı	ross Tube	
SIZE	п	L	W	S	No.	Length	No.	Length	S1	S2
12	2'-0''	10'-0''	2'-0''	10'-23''	1	12-23"	2	2'-75"	6'-2'	2'-10''
15 & 18	2'-6''	12'-6''	2'-0''	12'-9''	1	14'-93''	2	2'-72''	5'-11''	4'-3''
21 & 24	3'-0''	15'-0''	3'-0''	$15' - 3\frac{1}{2}''$	2	17'-4"'	1	$3'-7\frac{1}{2}''$	9'-22''	7'-9''
27 & 30	3'-6''	17'-6''	3'-0''	17'-10 1''	2	19'-102''	2	$3'-7\frac{1}{2}''$	9'-6 8''	5'-0''
33 & 36	4'-0''	20'-0''	4'-0''	20'-43''	3	22'-5 <sup>1</sup> / <sub>8</sub> ''	1	4'-72''	13'-0 <sup>3</sup> ''	9'-0''
42	4'-6''	22'-6''	4'-0''	22'-11 8''	3	$24' - 11\frac{3}{4}''$	1	4'-72''	13'-18''	11'-6''
48	5'-0''	25'-0''	5'-0''	25'-6"	3	27'-64''	2	5'-72''	13'-2''	7'-0''
54				28'-02''	4	30'-07''	2	6'-72''	13'-2 <sup>1</sup> / <sub>2</sub> ''	8'-3''
00	01 011	hor ou	01 011		1		0			101 011

	2:1 SLOPE													
Pipe		•	Ter	Longi	tudina	l Pipe	Cross Tube							
Pipe Size	Н	L	W	S	No.	Length	No.	Length	S 1	S 2				
17 x 13	1'-9''	3'-6''	2'-0''	3'-11''	1	5'-07''	-	_	4'-7''	_				
21 x 15	1'-11''	3'-10''	2'-0''	4'-32''	1	5'-58''	-	-	4'-113"	-				
24 x 18	2'-2''	4'-4''	3'-0''	4'-10 10 10'	2	6'-08''	-	-	5'-68''	-				
28 x 20	2'-4''	4'-8''	3'-0''	5'-22''	2	6'-4 8''	-	-	5'-10 5''	-				
35 x 24	2'-8''	5'-4''	4'-0''	5'-11 <sup>1</sup> 2''	3	7'-12''	-	-	6'-7 <sup>1</sup> 2''	-				
42 x 29	3'-1''	6'-2''	4'-0''	6'-10 <sup>3</sup> /4''	3	8'-0 <sup>3</sup> 4''	-	-	7'-64''	-				
49 x 33	3'-5''	6'-10''	5'-0''	7'-78''	3	8'-95''	-	-	8'-35''	-				
57 x 38	3'-10''	7'-8''	5'-0''	8'-67''	3	9'-87''	-	-	9'-27''	-				
64 x 43	4'-3''	8'-6''	6'-0''	9'-6''	4	10'-8''	-	-	10'-2''	-				
71 x 47	4'-7''	9'-2''	6'-0''	10-3''	4	11'-5''	-	-	10'-11''	-				

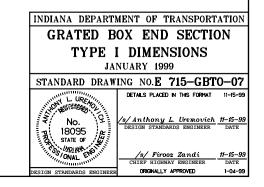
					3:1	SLOPE				
Pipe			747	Longi	tudina	l Pipe		C	ross Tube	
Pipe Size	Н	L	W	S	No.	Length	No.	Length	S 1	S 2
17 x 13	1'-9''	5'-3''	2'-0''	5'-6}''	1	6'-11 <sup>1</sup> / <sub>2</sub> ''	1	2'-71''	5'-08''	1'-6''
21 x 15	1'-11''	5'-9''	2'-0''	6'-04''	1	7'-5 <sup>3</sup> /''	1	2'-71''	5'-03''	2'-0''
24 x 18	2'-2''	6'-6''	3'-0''	6'-104''	2	8'-34''	-	-	7'-1014''	-
28 x 20	2'-4''	7'-0''	3'-0''	7'-42''	2	8'-9\$''	-	-	8'-42''	-
35 x 24	2'-8''	8'-0''	4'-0''	8'-54''	3	9'-1014''	-	-	9'-54''	-
42 x 29	3'-1''	9'-3''	4'-0''	9'-9''	3	11'-2''	-	-	10'-9''	-
49 x 33	3'-5''	10'-3''	5'-0''	10'-95''	3	12'-24''	-	-	11'-9 <del>5</del> ''	-
57 x 38	3'-10''	11'-6''	5'-0''	12'-12''	3	13'-62''	1	5'-72''	10'-12''	3'-0''
64 x 43	4'-3''	12'-9''	6'-0''	13'-54''	4	14'-103''	1	6'-72''	11'-54''	3'-0''
71 x 47	4'-7''	13'-9''	6'-0''	14'-58''	4	15'-11''	1	6'-72''	12'-57''	3'-0''
									_	

	4:1 SLOPE													
Pipe			147	Longi	tudina	l Pipe		C	ross Tube					
Pipe Size	Н	L L	W	S	No.	Length	No.	Length	S 1	S 2				
17 x 13	1'-9''	7'-0''	2'-0''	7'-2 <del>8</del> ''	1	8'-11 <sup>1</sup> / <sub>4</sub> ''	1	2'-72''	5'-9 <del>5</del> ''	2'-9''				
21 x 15	1'-11''	7'-8''	2'-0''	7'-107''	1	9'-72''	1	2'-72"	5'-87''	3'-6''				
24 x 18	2'-2''	8'-8''	3'-0''	8'-11 <sup>1</sup> / <sub>4</sub> ''	2	10'-77''	1	3'-7 <sup>1</sup> /2''	8'-3 <sup>1</sup> / <sub>4</sub> ''	2'-0''				
28 x 20	2'-4''	9'-4''	3'-0''	9'-72''	2	11'-4''	1	3'-72''	8'-112''	2'-0''				
35 x 24	2'-8''	10'-8''	4'-0''	11'-0''	3	12'-8 <sup>1</sup> /2''	-	-	12'-4''	_				
42 x 29	3'-1''	12'-4''	4'-0''	12'-8 <sup>1</sup> / <sub>2</sub> ''	3	14'-5	1	4'-72''	11'-02''	3'-0''				
49 x 33	3'-5''	13'-8''	5'-0''	14'-1''	3	15'-95	1	5'-72''	12'-5''	3'-0''				
57 x 38	3'-10''	15'-4''	5'-0''	15'-9	3	17'-64''	1	5'-72''	12'-75''	4'-6''				
64 x 43	4'-3''	17'-0''	6'-0''	17'-6 <sup>1</sup> / <sub>4</sub> ''	4	19'-27''	1	6'-7 <sup>1</sup> / <sub>2</sub> ''	12'-4 4''	6'-6''				
71 x 47	4'-7''	18'-4''	6'-0''	18'-10 \frac{3}{4}''	4	20'-7 8''	1	6'-7 <sup>1</sup> /2''	12'-84''	7'-6''				
									-					



	5:1 SLOPE													
Pipe			347	Longi	tudina	l Pipe	Cross Tube							
Size	Н	L	W	S	No.	Length	No.	Length	S 1	S 2				
17 x 13	1'-9''	8'-9''	2'-0''	8'-11 <sup>1</sup> / <sub>8</sub> ''	1	10'-112''	1	2'-72''	6'-1 <sup>1</sup> / <sub>8</sub> ''	4'-6''				
21 x 15	1'-11''	9'-7''	2'-0''	9'-94''	1	11'-95''	1	2'-72''	6'-84''	4'-9''				
24 x 18	2'-2''	10'-10''	3'-0''	11-08″	2	13'-1''	1	3'-72''	8'-85''	4'-0''				
28 x 20	2'-4''	11'-6''	3'-0''	11-03"	2	13'-11 <sup>1</sup> / <sub>8</sub> ''	1	3'-72''	9'-6 <sup>3</sup> ''	4'-0''				
35 x 24	2'-8''	13'-4''	4'-0''	13'-78''	3	15'-72''	1	4'-7 <sup>1</sup> 2"	12'-3 <sup>1</sup> / <sub>8</sub> ''	3'-0''				
42 x 29	3'-1''	15'-5''	4'-0''	15'-85''	3	17'-9''	1	4'-72''	12'-10 \$''	4'-6''				
49 x 33	3'-5''	17'-1''	5'-0''	17'-5''	3	19'-52''	1	5'-72''	13'-1''	6'-0''				
57 x 38	3'-10''	19'-2''	5'-0''		3	21'-67''	1	5'-72''	13'-2 <sup>1</sup> / <sub>2</sub> ''	8'-0''				
64 x 43	4'-3''	21'-3''	6'-0''	21'-8''	4	23'-8}''	1	6'-72''	12'-10''	10'-6''				
71 x 47	4'-7''	22'-11''	6'-0''	23'-4 3''	4	25'-4 <sup>3</sup> 4''	1	6'-72''	13'-63''	11'-6''				

	6:1 SLOPE													
Pipe			147	Longit	udina	l Pipe		C	ross Tube					
Size	Н	L	W	S	No.	Length	No.	Length	S 1	S 2				
17 x 13	1'-9''	10'-6''	2'-0''	10'-73''	1	13'-0''	2	2'-72''	6'-7 <sup>3</sup> 4''	3'-0''				
21 x 15	1'-11''	11'-6''	2'-0''	11'-77	1	14'-01''	2	2'-72''	6'-17''	3'-9''				
24 x 18	2'-2''	13'-0''	3'-0''	13'-28''	2	15'-68''	1	3'-72''	9'-8 <mark>8</mark> ''	5'-6''				
28 x 20	2'-4''	14'-0''	3'-0''	14'-24''	2	16'-6 <sup>1</sup> /2''	1	3'-72''	9'-8 <sup>1</sup> / <sub>4</sub> ''	6'-6''				
35 x 24	2'-5''	16'-0''	4'-0''	16'-2 <del>5</del> ''	3	18'-6 <del>7</del> ''	1	4'-72''	13'-25"	5'-0''				
42 x 29	3'-1''	18'-6''	4'-0''	18'-9''	3	21'-1 <sup>1</sup> 4''	1	4'-7 <sup>1</sup> 2''	13'-6''	7'-3''				
49 x 33	3'-5''	20'-6''	5'-0''	20'-93''	3	23'-18''	1	5'-72''	13'-33"	9'-6''				
57 x 38	3'-10''	23'-0''	5'-0''	23'-34''	3	25'-8''	1	5'-72''	13'-9 <sup>3</sup> ''	11'-6''				
64 x 43	4'-3''	25'-6''	6'-0''	25'-10 <sup>1</sup> / <sub>4</sub> ''	4	28'-2 <sup>1</sup> 2''	2	6'-7 <sup>1</sup> 2''	13'-4 <sup>1</sup> / <sub>4</sub> ''	7'-3''				
71 x 47	4'-7''	27'-6''	6'-0''	27'-102''	4	30'-2 <sup>3</sup> ''	2	6'-72''	13'-42''	8'-3''				



	APPROXIMATE QUANTITIES																			
		2:1 S	LOPE			3:1 S	LOPE			4:1 S	LOPE			5:1 S	LOPE			6:1 S	LOPE	
PIPE SIZE	Con <u>Cu.</u> Conc.	crete, Yds. C.M.	Reinf. Steel,		C.,	crete, Yds. C.M.	Reinf. Steel,	Str. Steel,	C.,	crete, Yds. C.M.	Reinf. Steel,	Str. Steel,	C	crete, Y <u>ds.</u> C.M.	Reinf. Steel,	GL 1	C	crete, Yds. C.M.	Reinf. Steel,	Str. Steel,
	Pipe	с.м. Ріре	lb.	lb.	Pipe	с.м. Ріре	lb.	lb.	Pipe	с.м. Ріре	lb.	lb.	Pipe	с.м. Ріре	lb.	lb.	Pipe	С.м. Ріре	lb.	lb.
17 x 13	-	1.0	260	75	-	1.2	335	150	-	1.5	415	180	-	1.8	490	210	-	2.1	565	290
21 x 15	-	1.1	280	80	-	1.3	360	160	-	1.6	445	190	-	1.9	530	220	-	2.3	615	300
24 x 18	-	1.4	360	170	-	1.8	465	235	-	2.2	570	370	-	2.6	680	440	-	3.1	790	505
28 x 20	-	1.5	375	180	-	1.9	495	245	-	2.4	610	390	-	2.8	730	460	-	3.3	845	530
35 x 24	-	2.0	475	300	-	2.6	625	410	-	3.2	775	525	-	3.8	925	740	-	4.4	1075	860
42 x 29	-	2.2	535	335	-	2.9	710	460	-	3.6	885	685	-	4.4	1060	820	-	5.1	1240	955
49 x 33	-	2.8	645	360	-	3.7	860	500	-	4.6	1075	750	-	5.5	1290	900	-	6.4	1505	1045
57 x 38	-	3.0	710	395	-	4.1	955	655	-	5.2	1205	815	-	6.2	1450	980	-	7.3	1700	1140
64 x 43	-	3.8	855	575	-	5.1	1155	925	-	6.4	1450	1160	-	7.8	1755	1400	-	9.1	2055	1760
71 x 47	-	4.0	910	610	-	5.5	1235	980	-	7.0	1565	1225	-	8.4	1895	1480	-	9.9	2225	1865

	DIMENSIONS													
Slope	A	В	C	D	E	F								
2:1	0'-9''	0'-8''	0'-61''	0'-8 <sup>1</sup> 2''	0'-04''	0'-07''								
3:1	1'-0 \$''	1'-0''	0'-52''	0'-67''	0'-18''	0'-18''								
4:1	1'-42''	1'-4''	0'-58''	0'-6 1''	0'-12''	0'-12''								
5:1	1'-8%''	1'-8''	0'-4 7''	0'-5၌''	0'-17''	0'-17''								
6:1	2'-0}''	2'-0''	0'-43''	0'-58''	0'-24''	0'-24''								

