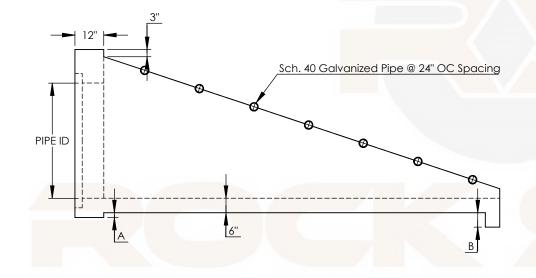
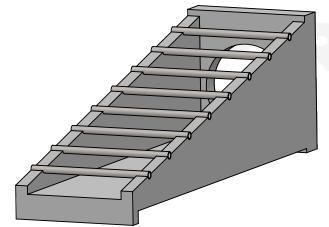
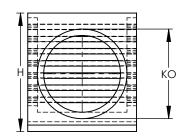
	3:1 SLOPE							
PIPE ID	L	W	Н	KO	А	В	LBS	
12"	4'-4''	2'-6"	2'-6"	18"	2"	6"	2,002	
15"	4'-4''	2'-6"	2'-6"	21"	2"	6''	1,886	
18"	5'-9''	2'-6"	2'-8"	24"	2"	6"	2,352	
24"	7'	3'	3'-6"	32"	2"	6''	3,746	
30"	9'	3'-6"	3'-10''	36"	2"	6''	4,789	
36"	10'-6"	4'	4'-5"	44"	2"	6"	7,250	
42"	12'-2"	5'	5'-8''	48''	6"	6"	11,134	
48"	12'-2"	5'-8''	5'-8"	60''	6"	6"	10,600	

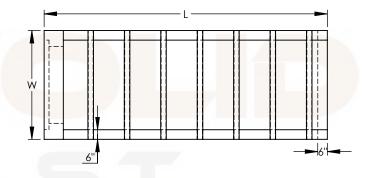
4:1 SLOPE								
L	W	Н	KO	А	В	LBS		
5'-10"	2'-6"	2'-8"	18"	2"	6"	3,230		
5'-10"	2'-6"	2'-8"	21"	2"	6"	3,135		
7'-4"	2'-6"	2'-8"	24"	2"	6"	3,035		
9'	3'	3'-6"	32"	2"	6"	5,435		
11'	3'-6"	3'-10"	36"	2"	6"	7,220		
13'-4"	4'	4'-5"	44"	2"	6"	9,930		
15'-6"	5'	5'-8"	48"	6"	6"	15,105		
15'-6"	5'-8"	5'-8"	60"	6"	6"	18,330		
	5'-10" 7'-4" 9' 11' 13'-4" 15'-6"	5'-10" 2'-6" 5'-10" 2'-6" 7'-4" 2'-6" 9' 3' 11' 3'-6" 13'-4" 4' 15'-6" 5'	L W H 5'-10" 2'-6" 2'-8" 5'-10" 2'-6" 2'-8" 7'-4" 2'-6" 2'-8" 9' 3' 3'-6" 11' 3'-6" 3'-10" 13'-4" 4' 4'-5" 15'-6" 5'-8"	L W H KO 5'-10" 2'-6" 2'-8" 18" 5'-10" 2'-6" 2'-8" 21" 7'-4" 2'-6" 2'-8" 24" 9' 3' 3'-6" 32" 11' 3'-6" 3'-10" 36" 13'-4" 4' 4'-5" 44" 15'-6" 5'-8" 48"	L W H KO A 5'-10" 2'-6" 2'-8" 18" 2" 5'-10" 2'-6" 2'-8" 21" 2" 7'-4" 2'-6" 2'-8" 24" 2" 9' 3' 3'-6" 32" 2" 11' 3'-6" 3'-10" 36" 2" 13'-4" 4' 4'-5" 44" 2" 15'-6" 5' 5'-8" 48" 6"	L W H KO A B 5'-10" 2'-6" 2'-8" 18" 2" 6" 5'-10" 2'-6" 2'-8" 21" 2" 6" 5'-10" 2'-6" 2'-8" 21" 2" 6" 7'-4" 2'-6" 2'-8" 24" 2" 6" 9' 3' 3'-6" 32" 2" 6" 11' 3'-6" 3'-10" 36" 2" 6" 13'-4" 4' 4'-5" 44" 2" 6" 15'-6" 5' 5'-8" 48" 6" 6"		

6:1 SLOPE							
PIPE ID	L	W	Η	KO	А	В	LBS
12"	7'-3"	2'-6"	2'-8"	18"	2"	6"	4,390
15"	7'-3"	2'-6"	2'-8"	21"	2"	6"	4,295
18"	9'	2'-6"	2'-8"	24"	2"	6"	4,200
24"	13'-5"	3'	3'-6"	32"	2"	6"	7,570
30"	15'	3'-6"	3'-10"	36"	2"	6"	10,120
36"	18'	4'	4'-5"	44"	2"	6"	14,075
42"	22'-9"	5'	5'-8"	48"	6"	6"	21,215
48"	22'-9"	5'-8''	5'-8"	60"	6"	6"	26,045
	12" 15" 18" 24" 30" 36" 42"	12" 7'-3" 15" 7'-3" 18" 9' 24" 13'-5" 30" 15' 36" 18' 42" 22'-9"	12" 7'-3" 2'-6" 15" 7'-3" 2'-6" 18" 9' 2'-6" 24" 13'-5" 3' 30" 15' 3'-6" 36" 18' 4' 42" 22'-9" 5'	PIPE ID L W H 12" 7'-3" 2'-6" 2'-8" 15" 7'-3" 2'-6" 2'-8" 18" 9' 2'-6" 2'-8" 24" 13'-5" 3' 3'-6" 30" 15' 3'-6" 3'-10" 36" 18' 4' 4'-5" 42" 22'-9" 5' 5'-8"	PIPE ID L W H KO 12" 7'-3" 2'-6" 2'-8" 18" 15" 7'-3" 2'-6" 2'-8" 21" 18" 9' 2'-6" 2'-8" 21" 18" 9' 2'-6" 2'-8" 24" 24" 13'-5" 3' 3'-6" 32" 30" 15' 3'-6" 3'-10" 36" 36" 18' 4' 4'-5" 44" 42" 22'-9" 5' 5'-8" 48"	PIPE ID L W H KO A 12" 7'-3" 2'-6" 2'-8" 18" 2" 15" 7'-3" 2'-6" 2'-8" 18" 2" 18" 9' 2'-6" 2'-8" 21" 2" 18" 9' 2'-6" 2'-8" 32" 2" 30" 13'-5" 3' 3'-6" 32" 2" 30" 15' 3'-6" 3'-10" 36" 2" 36" 18' 4' 4'-5" 44" 2" 42" 22'-9" 5' 5'-8" 48" 6"	PIPE ID L W H KO A B 12" 7'-3" 2'-6" 2'-8" 18" 2" 6" 15" 7'-3" 2'-6" 2'-8" 21" 2" 6" 18" 9' 2'-6" 2'-8" 21" 2" 6" 18" 9' 2'-6" 2'-8" 24" 2" 6" 24" 13'-5" 3' 3'-6" 32" 2" 6" 30" 15' 3'-6" 3'-10" 36" 2" 6" 36" 18' 4' 4'-5" 44" 2" 6" 42" 22'-9" 5' 5'-8" 48" 6" 6"









Concrete

Per ASTM C150: Type I/II with 28 day compressive strength of 4,500 PSI. Monolithic construction including walls & floor.

Reinforcement Per ASTM A615 Grade 60 No. 4 steel rebar on required centers or equal.

Galvanized Cross Bars Per ASTM A36, A53 Type S Grade B, Bolts Per ASTM A307

Rock Solid Precast, L.P.

11393 Sleepy Hollow Road Conroe, TX 77385 PO Box 8066 The Woodlands, TX 77387 (281) 364-7474 TITLE Safety End Treatment With Bars 12" - 48" DWG. NO. WEIGHT

PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ROCK SOLID PRECAST, LP, ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ROCK SOLID PRECAST, LP IS PROHIBITED.