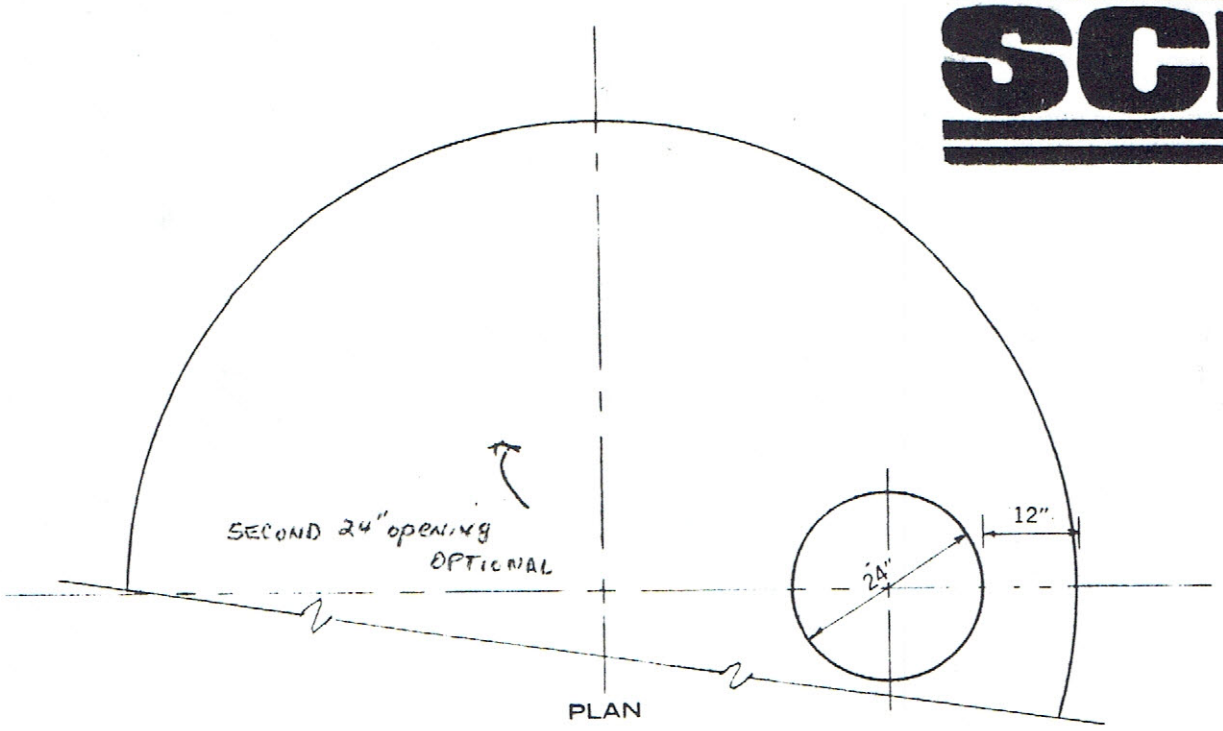
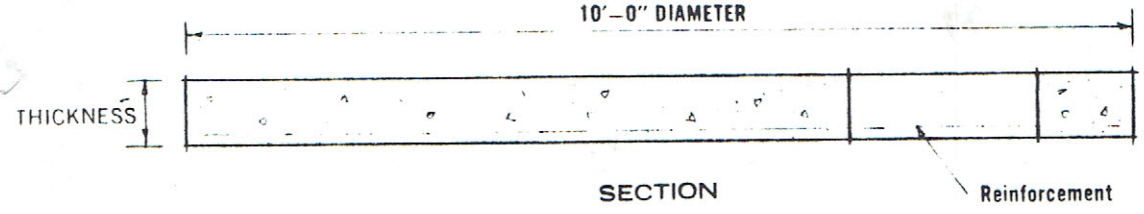
SCPI





Type	Thickness Inches	Access Opening	Reinforcing Rebars or W.W.F. Equivalent	Maximum Weight, Lbs.
Lawn Top	8"	one or two	# 4 @ 6" o.c. both ways	7600
Traffic Top	8"	one or two	# 5 @ 6" o.c. both ways	7600
Bottom	6"	None	# 4 @ 12" o.c. both ways	5900

CONCRETE: 4000 P.S.I.
REBARS: A.S.T.M. A-15 INTERMEDIATE GRADE, NEW BILLET STEEL.
WELDED WIRE FABRIC: A.S.T.M. A-82 & A-185

Note: Also available with 4'x2'6 opening for Curb Inlet applications.

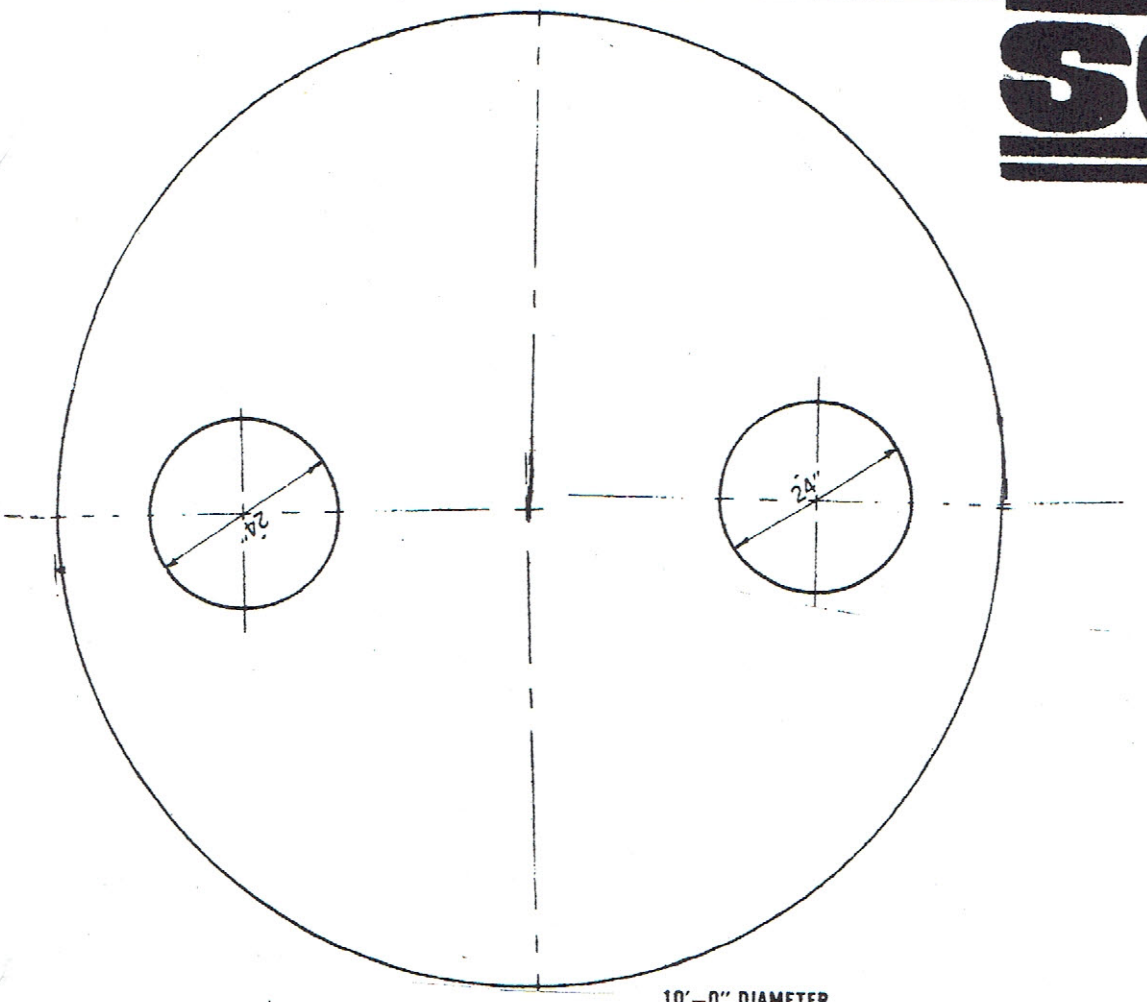
10'-0" DIA.
CIRCULAR SLAB

SCPI Suffolk Cement Precast, Inc.
West Middle Road, Calverton

1/2"=1'-0"

SP-20

SCPI



Type	Thickness Inches	Access Opening	Reinforcing Rebars or W.W.F. Equivalent	Maximum Weight, Lbs.
Lawn Top	8"	one or two	# 4 @ 6" o.c. both ways	7600
Traffic Top	8"	one or two	# 5 @ 6" o.c. both ways	7600
Bottom	6"	None	# 4 @ 12" o.c. both ways	5900

CONCRETE: 4000 P.S.I.
REBARS: A.S.T.M. A-15 INTERMEDIATE GRADE, NEW BILLET STEEL.
WELDED WIRE FABRIC: A.S.T.M. A-82 & A-185

Note: Also available with 4'x2'6 opening for Curb Inlet applications.

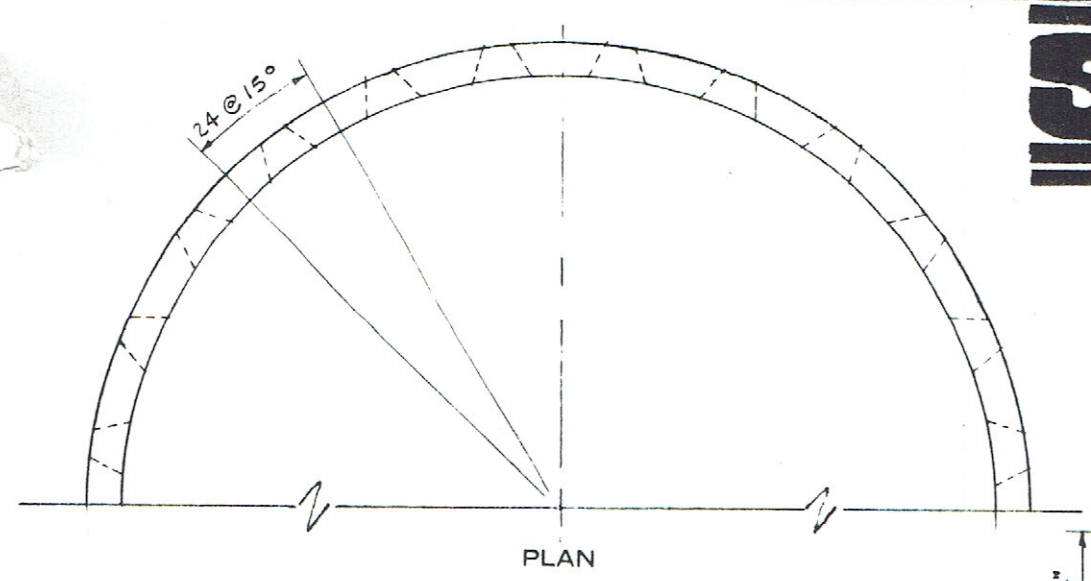
10'-0" DIA.
CIRCULAR SLAB

SCPI Suffolk Cement Precast, Inc.
West Middle Road, Calverton

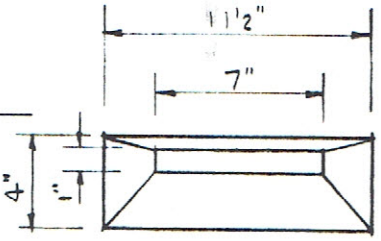
1/2"=1'-0"

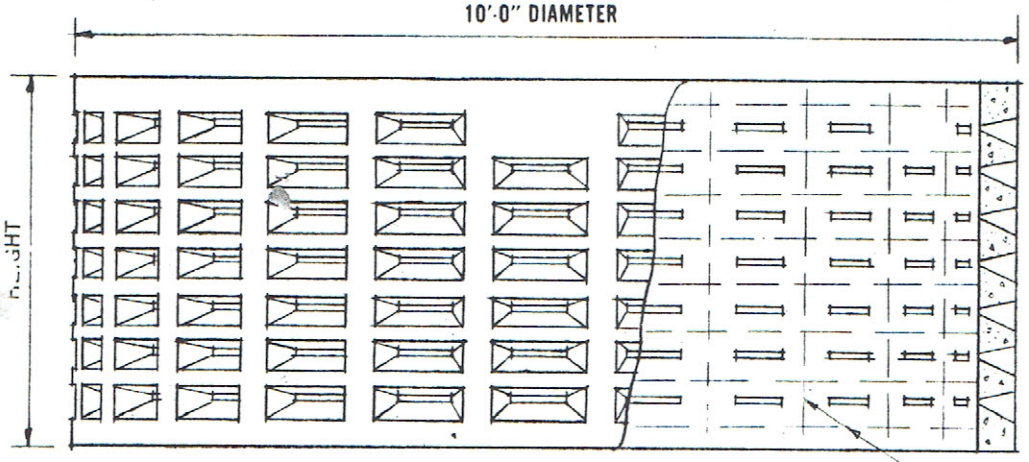
SP-20

2 Hole



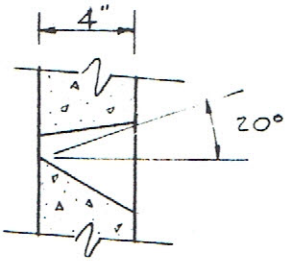
PLAN





SECTION

Welded Wire Fabric



DETAIL
DRAIN OPENING

Height Ft. In.	Drain Wall Area Sq. Ft.	Internal Volume		Reinforcement Welded Wire Fabric	Drain Openings		Weight Lbs.
		Cu. Ft.	Gals.		Total	Size	
* 2'-0"	62.8	136.8	1023	6 x 15 6&8	69	1 x 7	2500
3'-0"	94.3	205.3	1536	6 x 15 6&8	150	1 x 7	3650
4'-0"	125.7	273.7	2048	6 x 15 6&8	210	1 x 7	4800
5'-0"	157.1	342.1	2559	6 x 15 6&8	213	1 x 7	5900

* N.A.

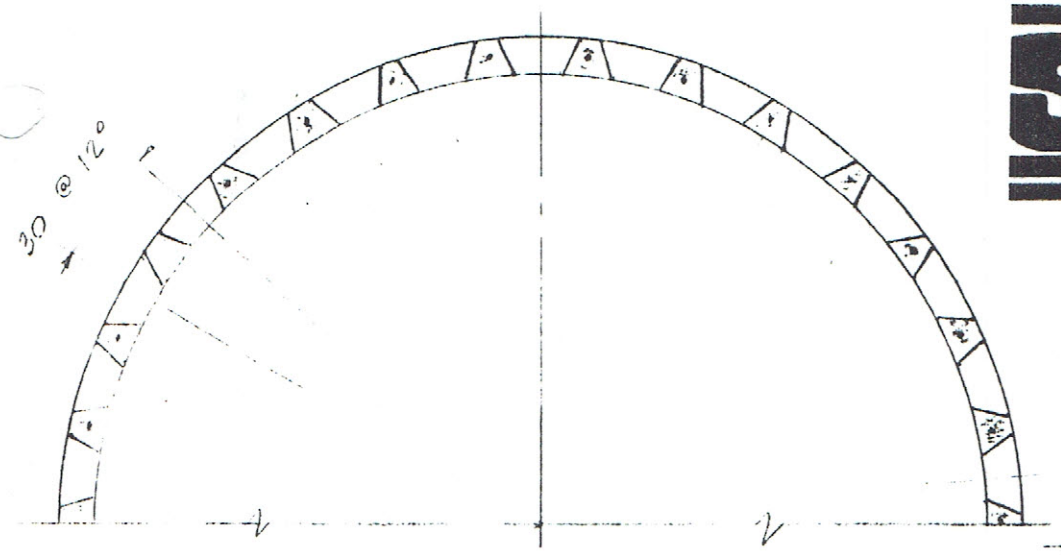
CONCRETE: 4000 P.S.I.
WELDED WIRE FABRIC: A.S.T.M. A-82 & A-185

10'-0" DIA.
SANITARY DRAIN RINGS

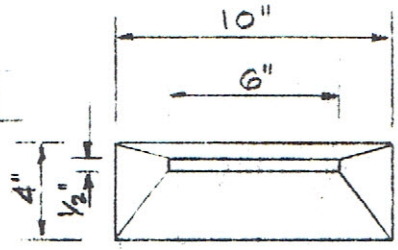
SCPI Suffolk Cement Precast, Inc.
West Middle Road, Calverton

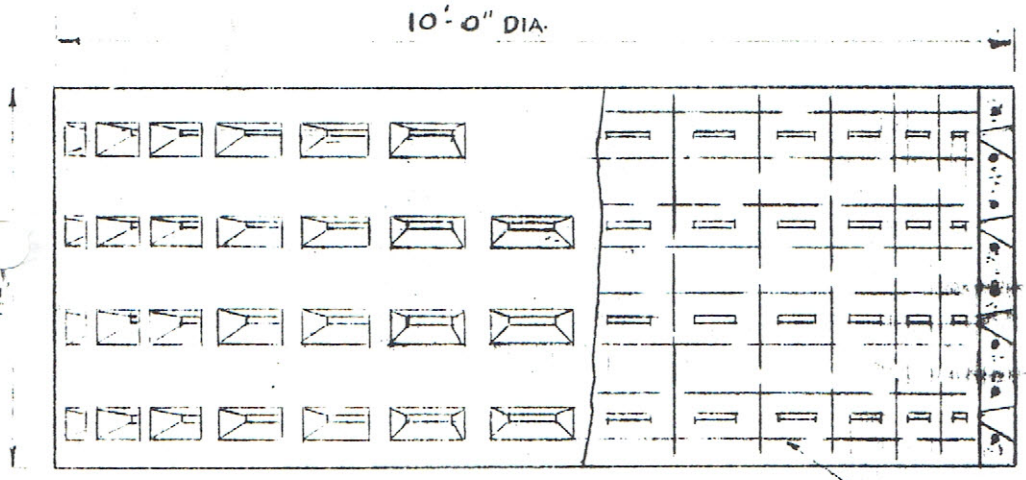
1/2" = 1'-0"

SP-7

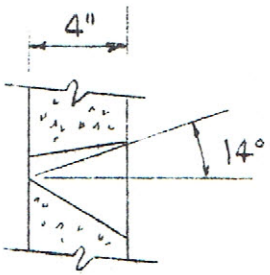


PLAN





SECTION



DETAIL
DRAIN OPENING

HEIGHT FT IN	WALL THICKNESS INCHES	DRAIN WALL AREA SQ. FT	INTERNAL VOLUME CU. FT.	INTERNAL VOLUME GALS.	DRAIN OPENINGS TOTAL	DRAIN OPENINGS SIZE	DRAIN OPENINGS ANGLE	REINFORCEMENT WELDED WIRE FABRIC	WEIGHT LBS
3'-0"	4"	94.3	205.3	1536	87	½"x6"	14°	6x12, 6&8	4250
4'-0"	4"	125.7	273.7	2048	114	½"x6"	14°	6x12, 6&8	5700
5'-0"	4"	157.1	342.1	2560	147	½"x6	14°	6x12, 6&8	7100

CONCRETE: 9000 P.S.I.
WELDED WIRE FABRIC: A.S.T.M. A-82 & A-185

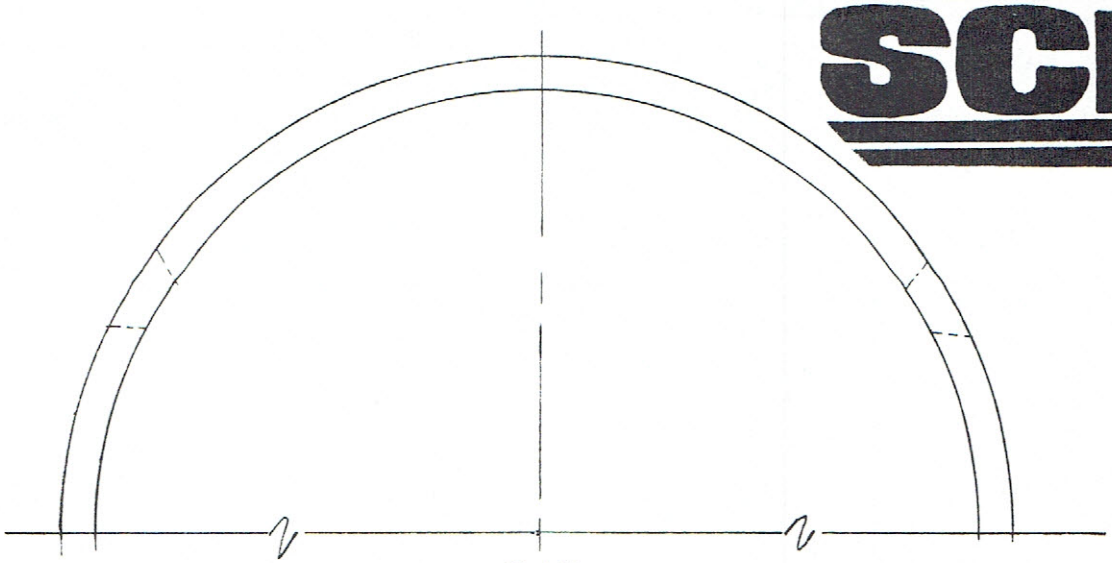
10'-0" DIA.
STORM DRAIN RINGS

SCPI Suffolk Cement Precast, Inc.
West Middle Road, Calverton

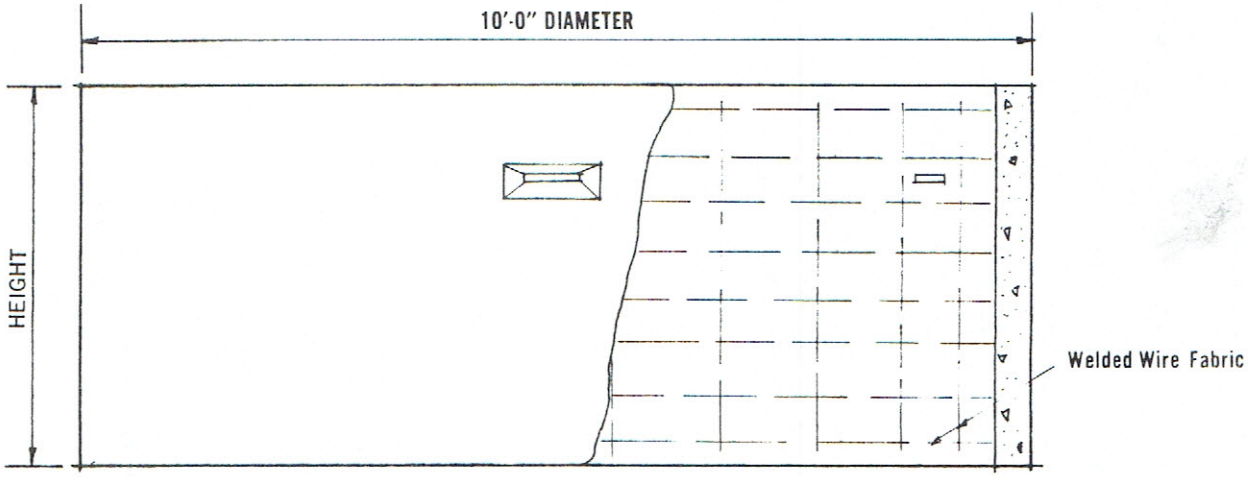
1/2" = 1'-0"

SP-8

SCPI



PLAN



SECTION

Height Ft. In.	Internal Volume		Reinforcement Welded Wire Fabric		Weight Lbs.
	Cu. Ft.	Gals.			
3'-0"	205.3	1536	6 x 15	6 & 8	4600
4'-0"	273.7	2048	6 x 15	6 & 8	6100
* 5'-0"	342.1	2559	6 x 15	6 & 8	7600

* NA

CONCRETE: 4000 P.S.I.
WELDED WIRE FABRIC: A.S.T.M. A-82 & A-185

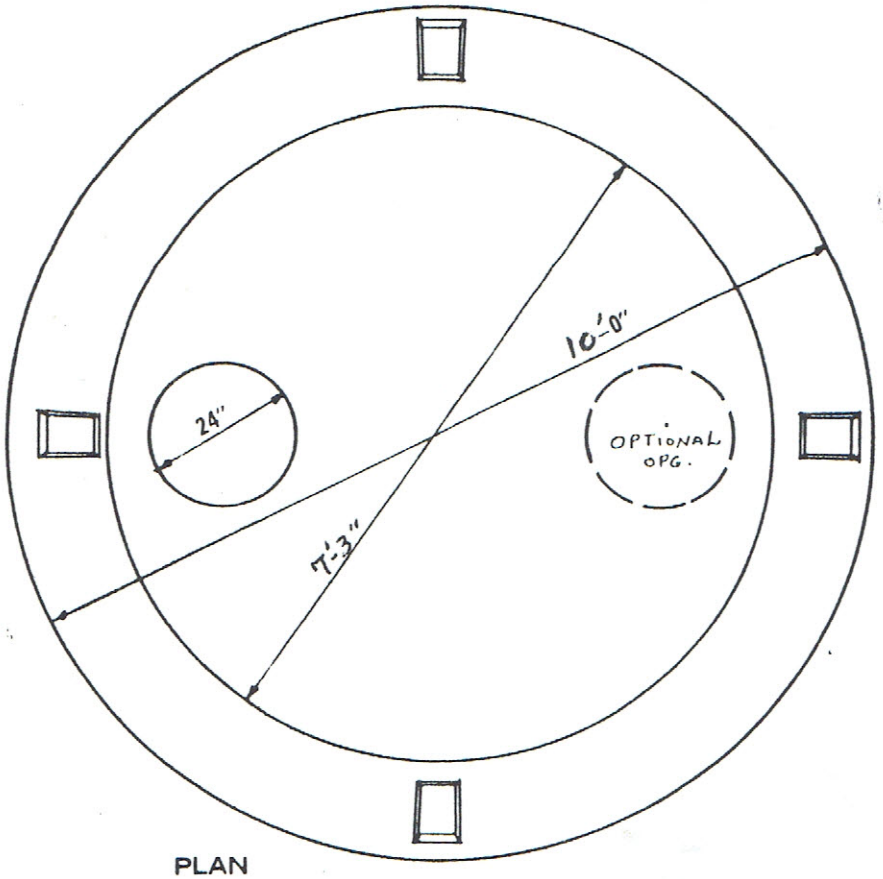
10'-0" DIA.
SOLID WALL RINGS

SCPI Suffolk Cement Precast, Inc.
West Middle Road, Calverton

1/2" = 1'-0"

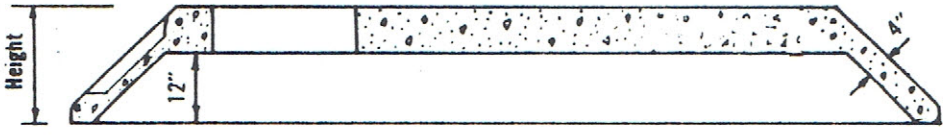
SP-9

SCPI



PLAN

Dia. Ft. In.	Height Ft. In.	Internal Volume		Maximum Pipe Size	Reinforcement Rebars or WWF		Weight Lbs.
		Cu. Ft.	Gals.		Walls	Slab	
10'	1'-8"	54	409	8" O.D.	12—#2 Vert.,1-#4 Top 1—#5 Bot.	#5 @ 6" E.W.	6450



SECTION

CONCRETE: 4000 P.S.I.
REBARS: A.S.T.M. A-615 GRADE 40.
WELDED WIRE FABRIC: A.S.T.M. A-82 & A-185.

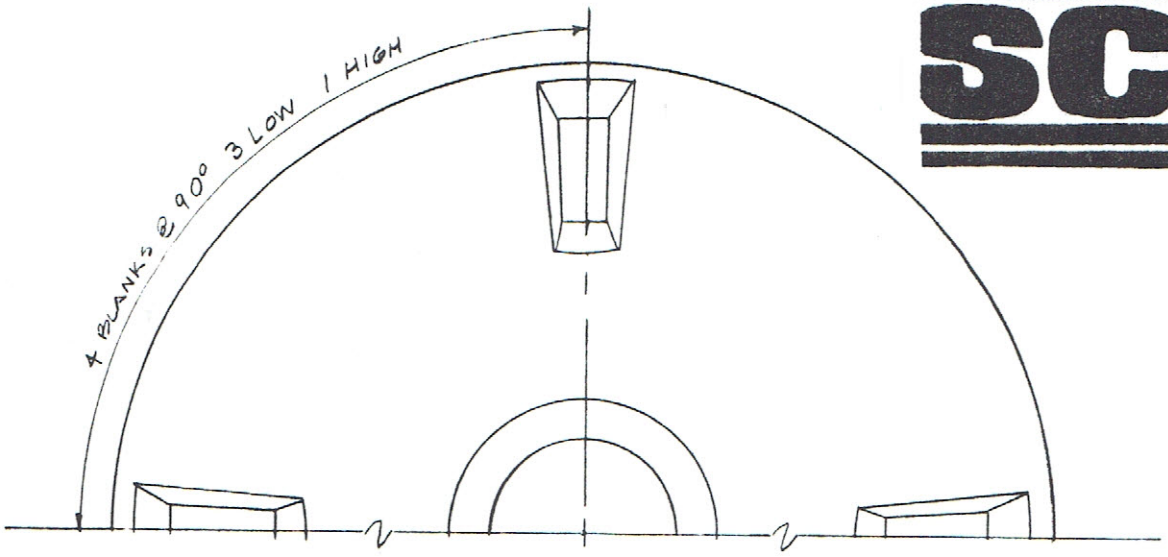
10'-0" DIA.
SHALLOW DOMES

SCPI Suffolk Cement Precast, Inc.
West Middle Road, Calverton

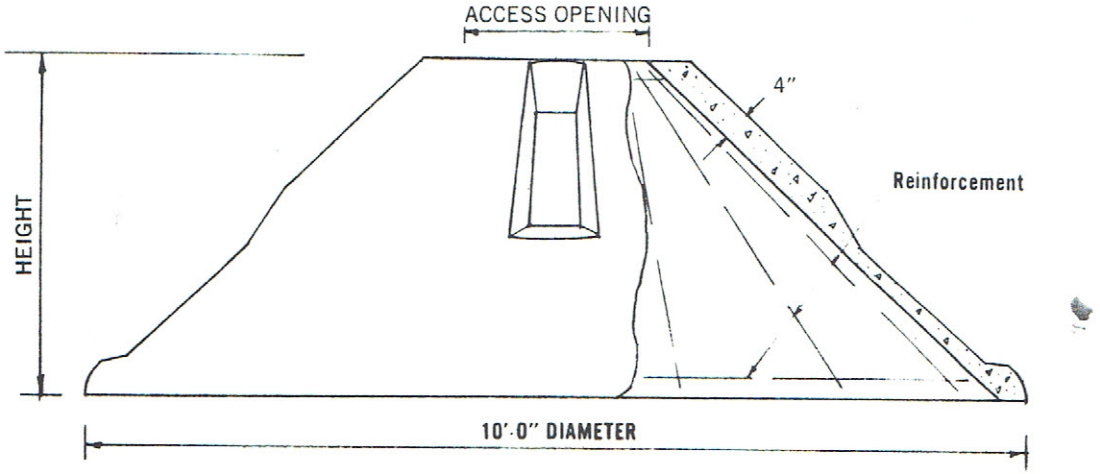
3/8"=1'-0"

SP-2A

SCPI



PLAN



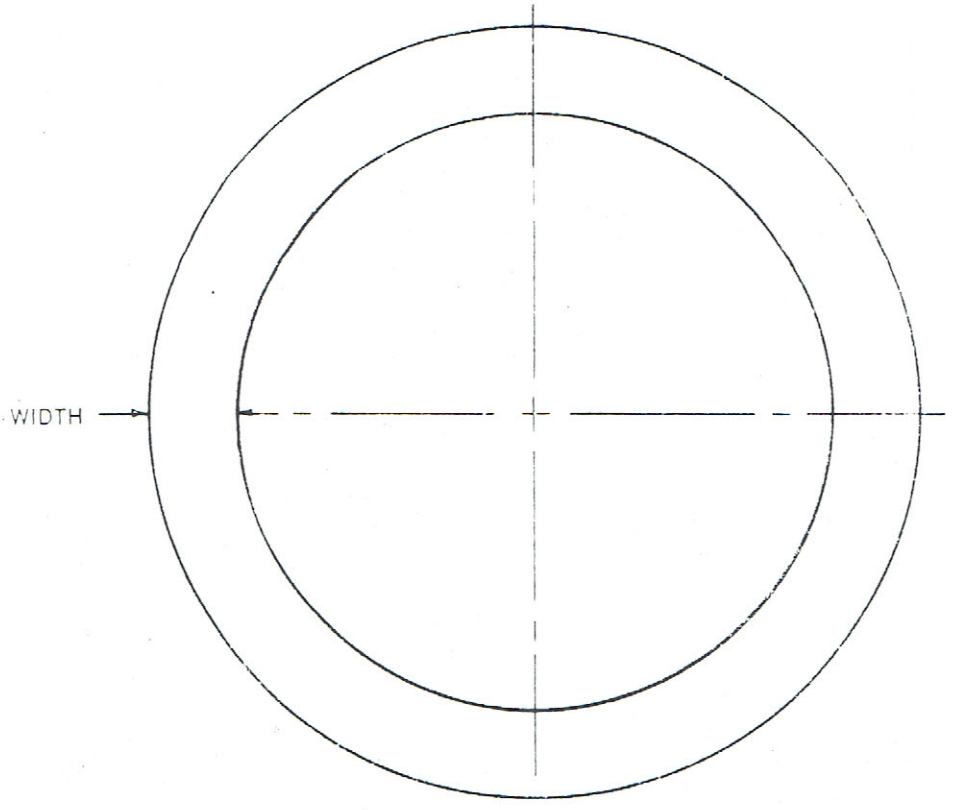
SECTION

Height Ft. In.	Access Opening Inches	Internal Volume		Maximum Pipe Size	Reinforcement	Weight Lbs.
		Cu. Ft.	Gals.			
3'-8"	24"	108.7	813	24" R.C.P.	12-#2 Vertical 1-#3 Top & 1-#4 Bot.	5100

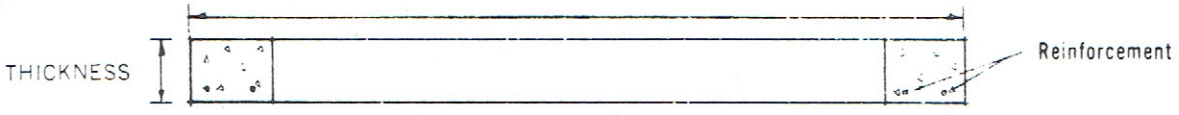
CONCRETE: 4000 P.S.I.
REBARS: A.S.T.M. A-15 INTERMEDIATE GRADE, NEW BILLET STEEL

10'-0" DIA. SOLID WALL DOME	SCPI Suffolk Cement Precast, Inc. West Middle Road, Calverton	1/2"=1'-0"
		Sp-6

SCPI



PLAN



SECTION

Outside Diameter Ft. Inches	Width Inches	Thickness Inches	Weight, Lbs.
4'-0"	10"	6"	630
4'-8"	10"	6"	760
* 6'-0"	10"	6"	1025
8'-0"	10"	8"	1900
10'-0"	10"	8"	2400
12'-0"	16"	8"	4500

CONCRETE: 4000 P.S.I.
REBARS: A.S.T.M. A-15 INTERMEDIATE GRADE, NEW BILLET STEEL.

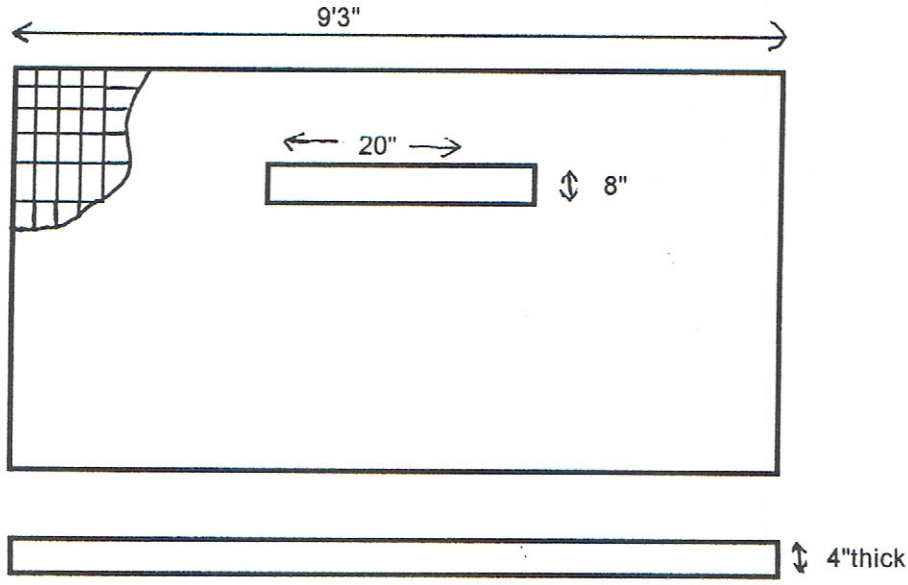
* N.A.

CIRCULAR FOOTINGS

SCPI Suffolk Cement Precast, Inc.
West Middle Road, Calverton

1/2" = 1'-0"

SP-19



CONCRETE: 4000 P.S.I
REBARS A.S.T.M A-15 INTERMEDIATE GRADE
NEW BILLET STEEL WELDED WIRE FABRIC A.S.T.M A-82 8 A-185

BAFFLE WALL SIZE: 10ft
5'6"
6'6"
7'6"

10'-0" DIA. BAFFIE WALL	SCPI Suffolk Cement Precast, Inc. West Middle Road, Calverton