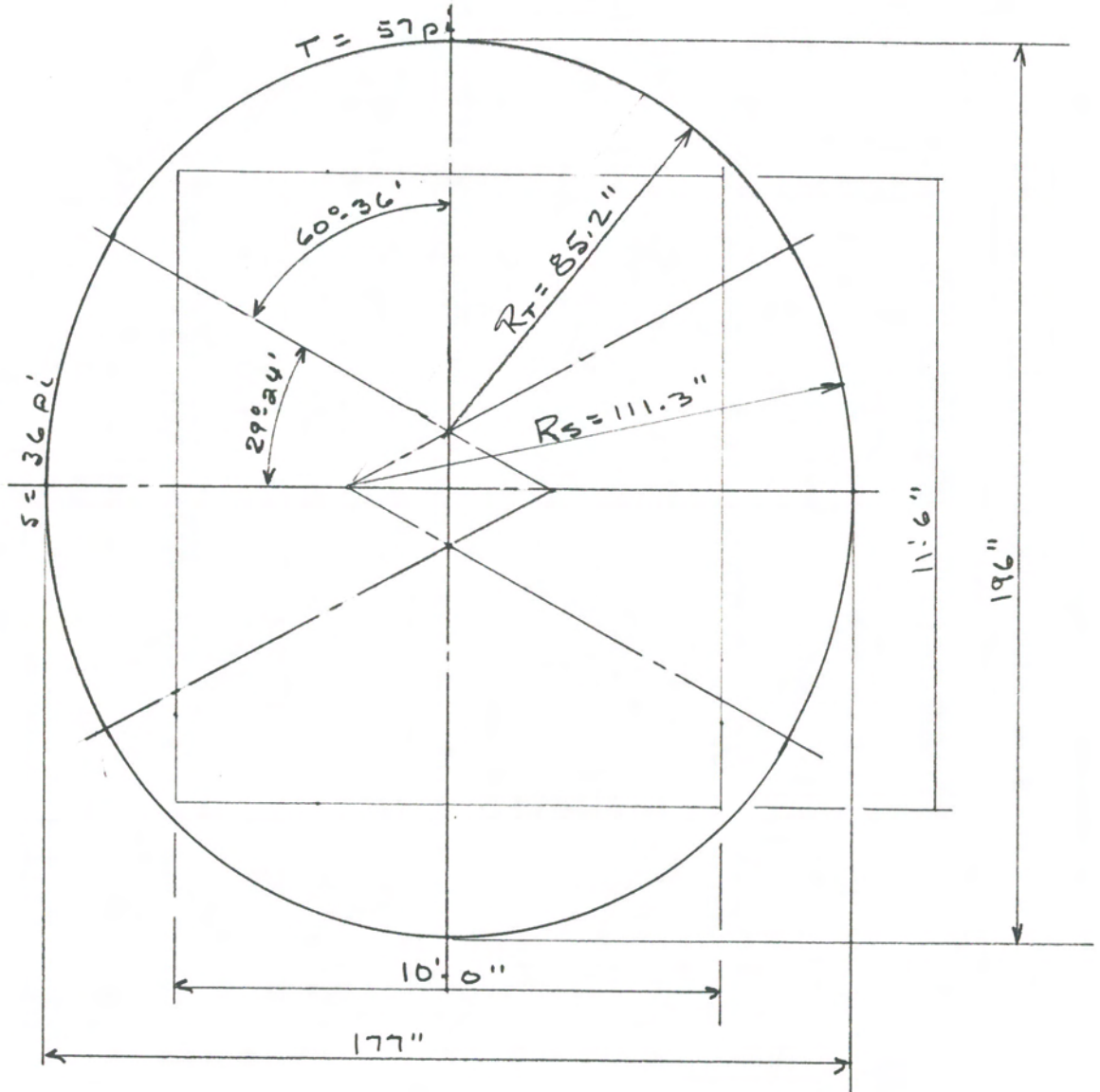


186 pi



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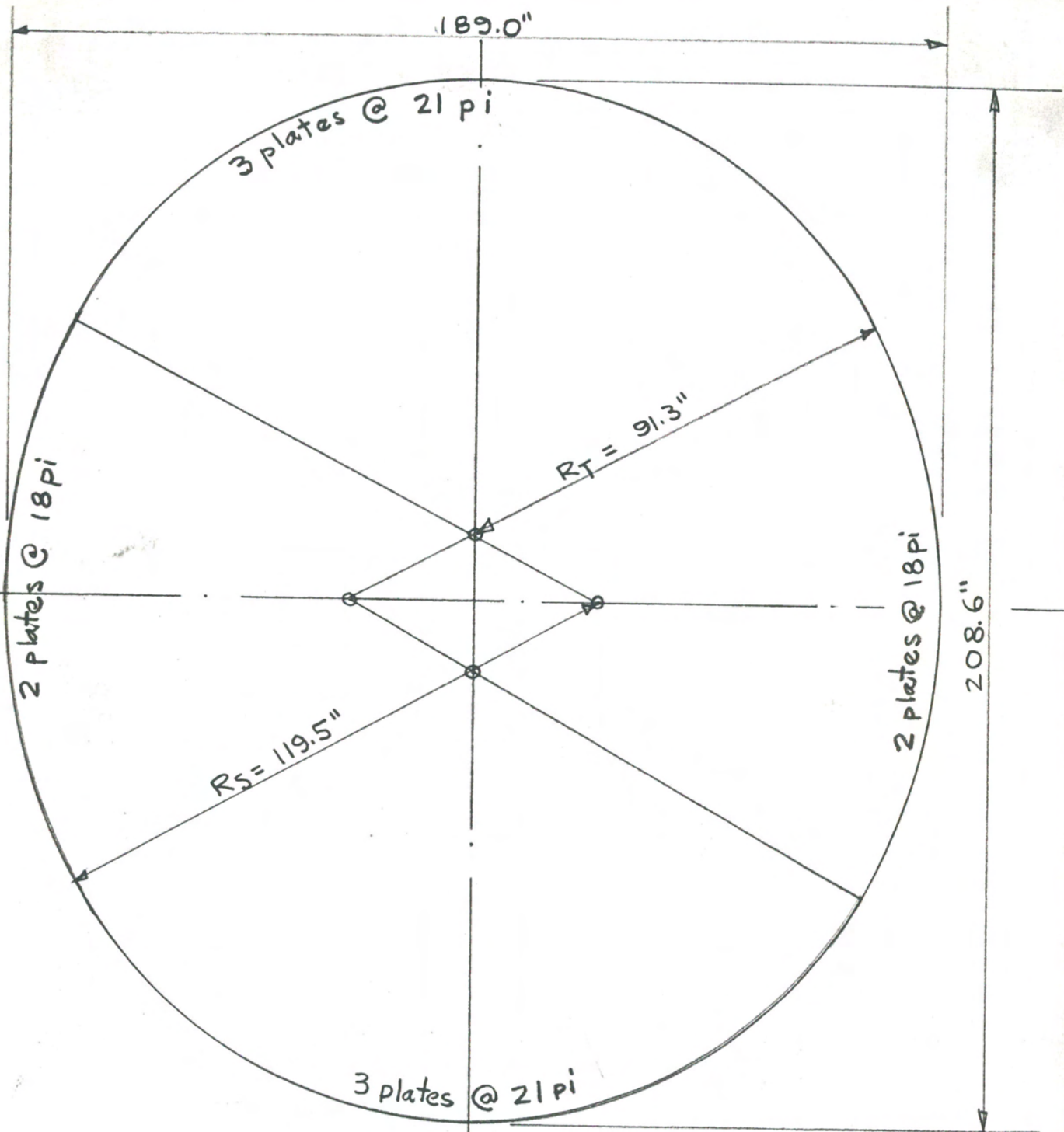
186 pi M.P. ELLIPSE
5%

DRAWN: J. P. L.

DATE: 4/8/59

REVISED:

DRAWING NO. 1001450



INSIDE CREST DIMENSIONS

ALL DIMESIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.

MARK	HOLES	IN. DIAM. EXCEPT AS NOTED
STENCIL	MATERIAL	
EQD.		DIV.
AM.	PIPE SPEC.	BUYERS NO.
THK.	END FINISH	
WIDTH	OUTSIDE COAT	
LENGTH	INSIDE COAT	
REF. DWG.		
	REVISED	

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PRODUCTS, INC.
110

189" HOR. X 209" VERT.
198 pi 5% ELLIPSE M.P.

DRW. HLW DATE 10-15-54

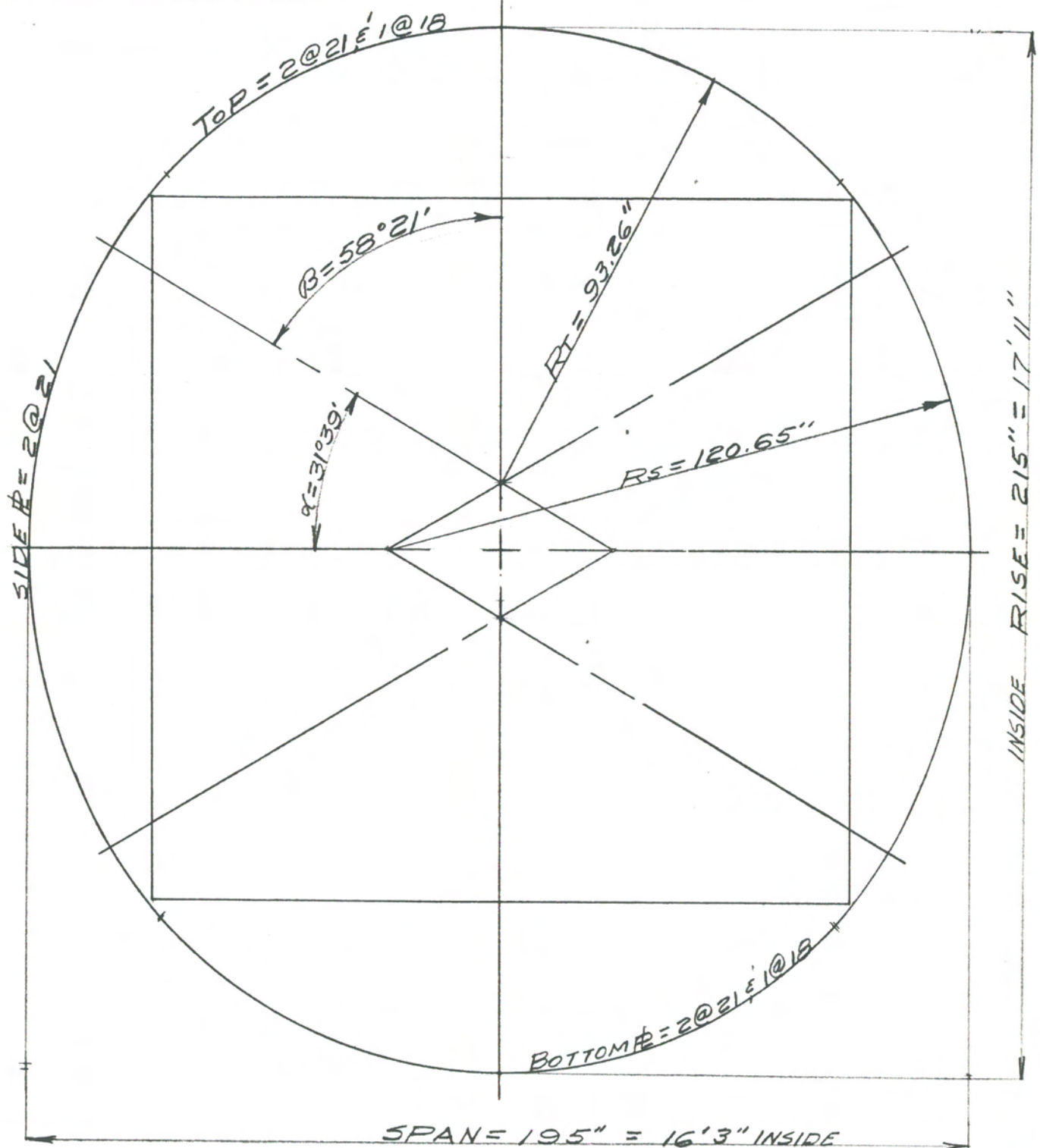
CHK.

DO NOT SCALE



1001492

12' X 12' CLEARANCE



1/30

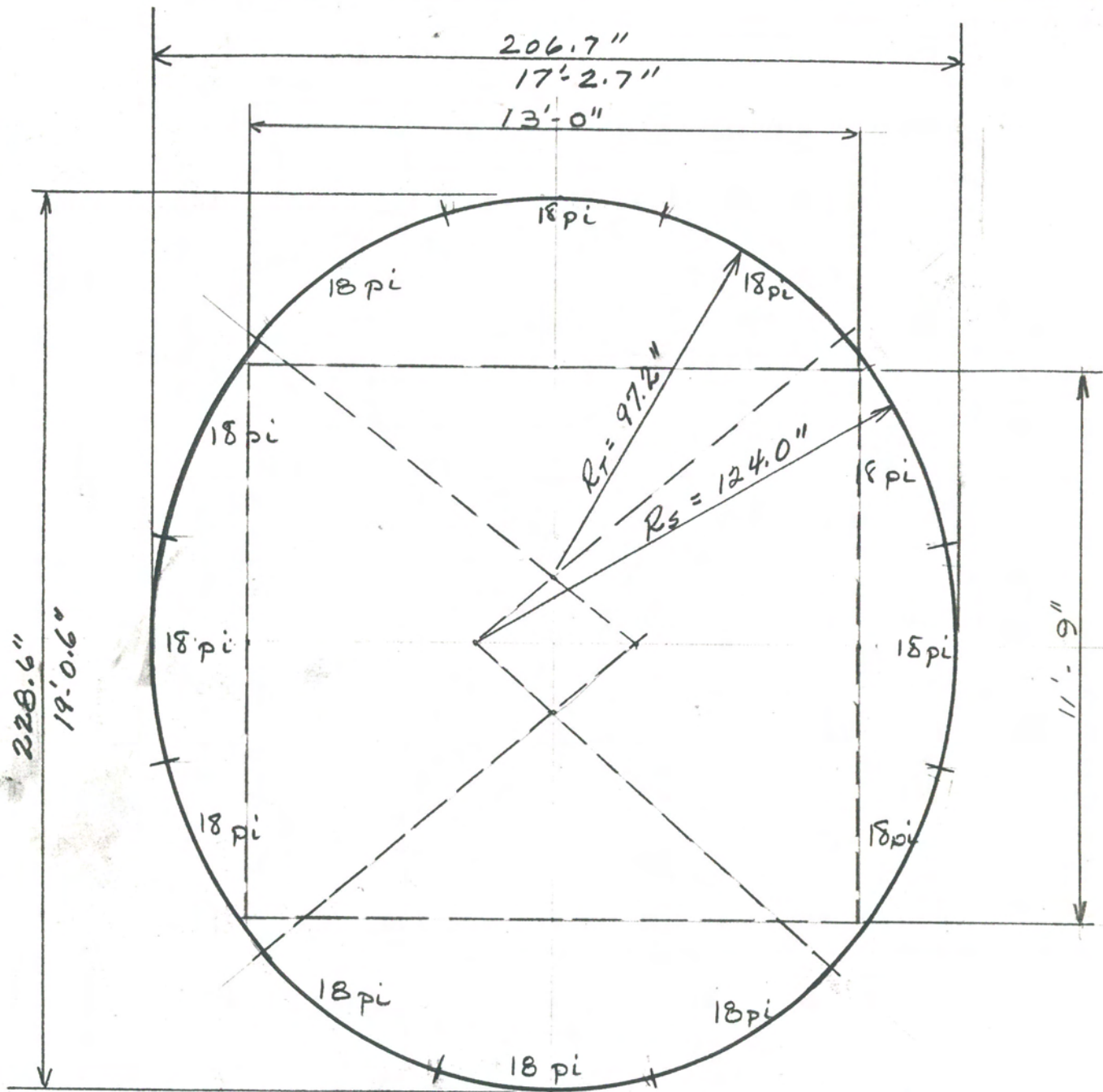
MARK	HOLES	IN. DIAM. EXCEPT AS NOTED
STENCIL	MATERIAL	MULTIPLATE
REQD.		DIV.
DIAM.	PIPE SPEC.	BUYERS NO.
THK.	END FINISH	
WIDTH	OUTSIDE COAT	
LENGTH	INSIDE COAT	
REF. DWG.		
	REVISED	

CONTECH PRODUCTS, INC.

5% ELLIPSE 204 PL
 TOP & BOTTOM = 2 @ 21" @ 18
 SIDE HS = 2 @ 21 SPAN = 195" RISE = 215"

DRW. T.P.D. DATE 11-4-57
 CHK. DO NOT SCALE

1001495



Top RS: 3@ 18 pi (Bottom is Same)
 Side RS: 3@ 18 pi (ONE SIDE)
 TOTAL RS ONE RING: 12@ 18 pi

1/40

MARK	COATED	DIV.
STATION	COATED & PAVED	BUYERS NO.
EQ'D.	SMOOTH FLO	
AM.	ASBESTOS BONDED	HORIZONTAL
GAGE	GALV.	VERTICAL
CMP		HOLES
HEL-COR	NON PERFORATED	REF. DWG.
MATL.	PERFORATED	REVISED

TOTAL CENTERLINE LENGTH IN MULTIPLES OF 2 FT.

CONTECH

PRODUCTS, INC.
DIVISION

5% ELLIPSE 216 pi

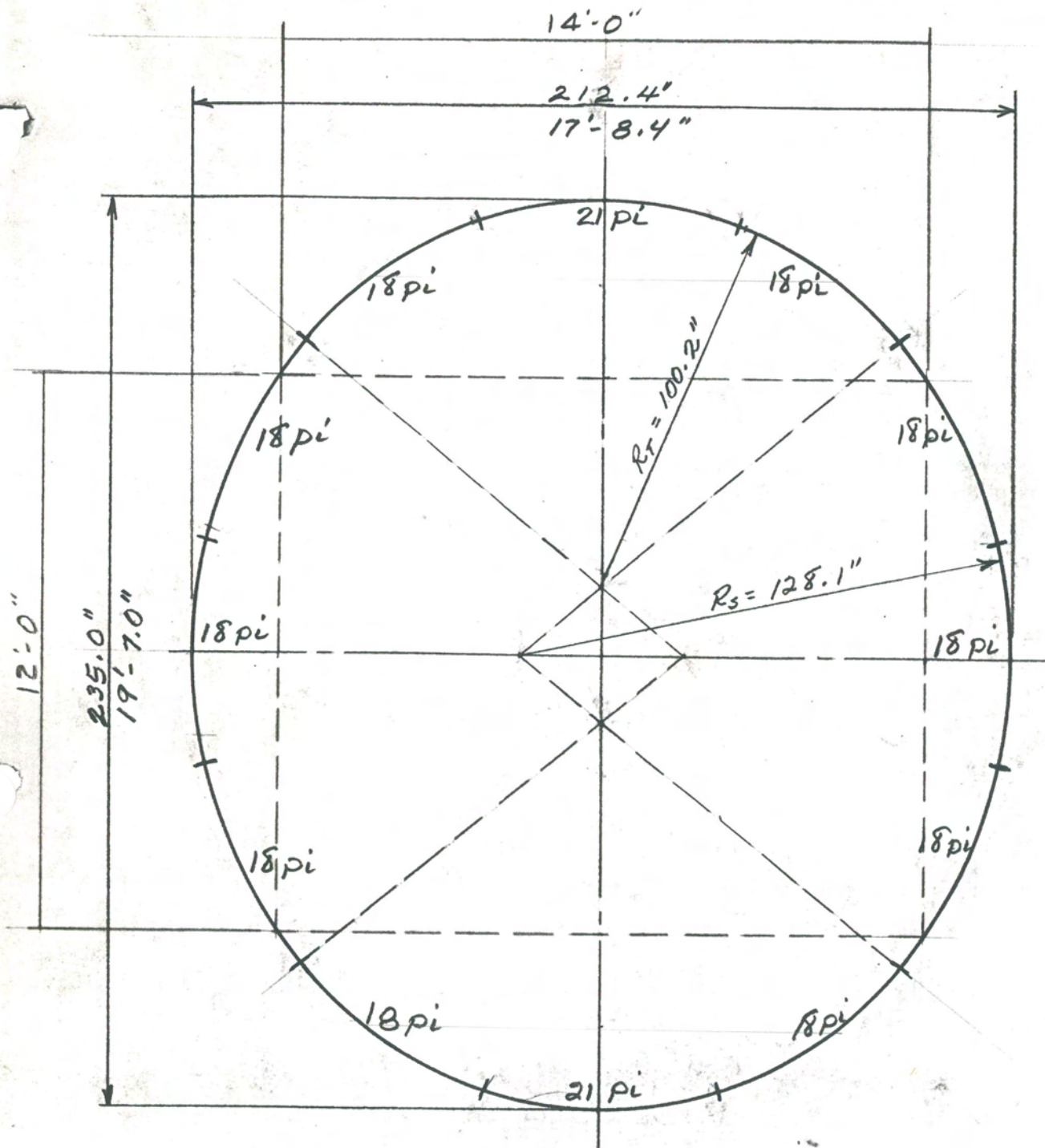
DRW. J. P. U DATE 3/31/58

CHK.

DO NOT SCALE



1001497



222 pl 5% ELLIPSE

SIDE RS 3 @ 18 pl (ONE SIDE)

TOP RS 2 @ 18 pl, 1 @ 21 pl (BOTTOM IS SAME)

TOTAL RS 10 @ 18 pl, 2 @ 21 pl

MARK	COATED	DIV.
STATION	COATED & PAVED	BUYERS NO.
EQ'D.	SMOOTH-FLO	
AM.	ASBESTOS BONDED	HORIZONTAL
GAGE	GALV.	VERTICAL
CMP		HOLES
HEL-COR	NON PERFORATED	REF. DWG.
MATL. M.P.	PERFORATED	REVISED

TOTAL CENTERLINE LENGTH IN MULTIPLES OF 2 FT.

CONTECH

L PRODUCTS, INC.
DIVISION

5% ELLIPSE 222 pl

DRW. JPL

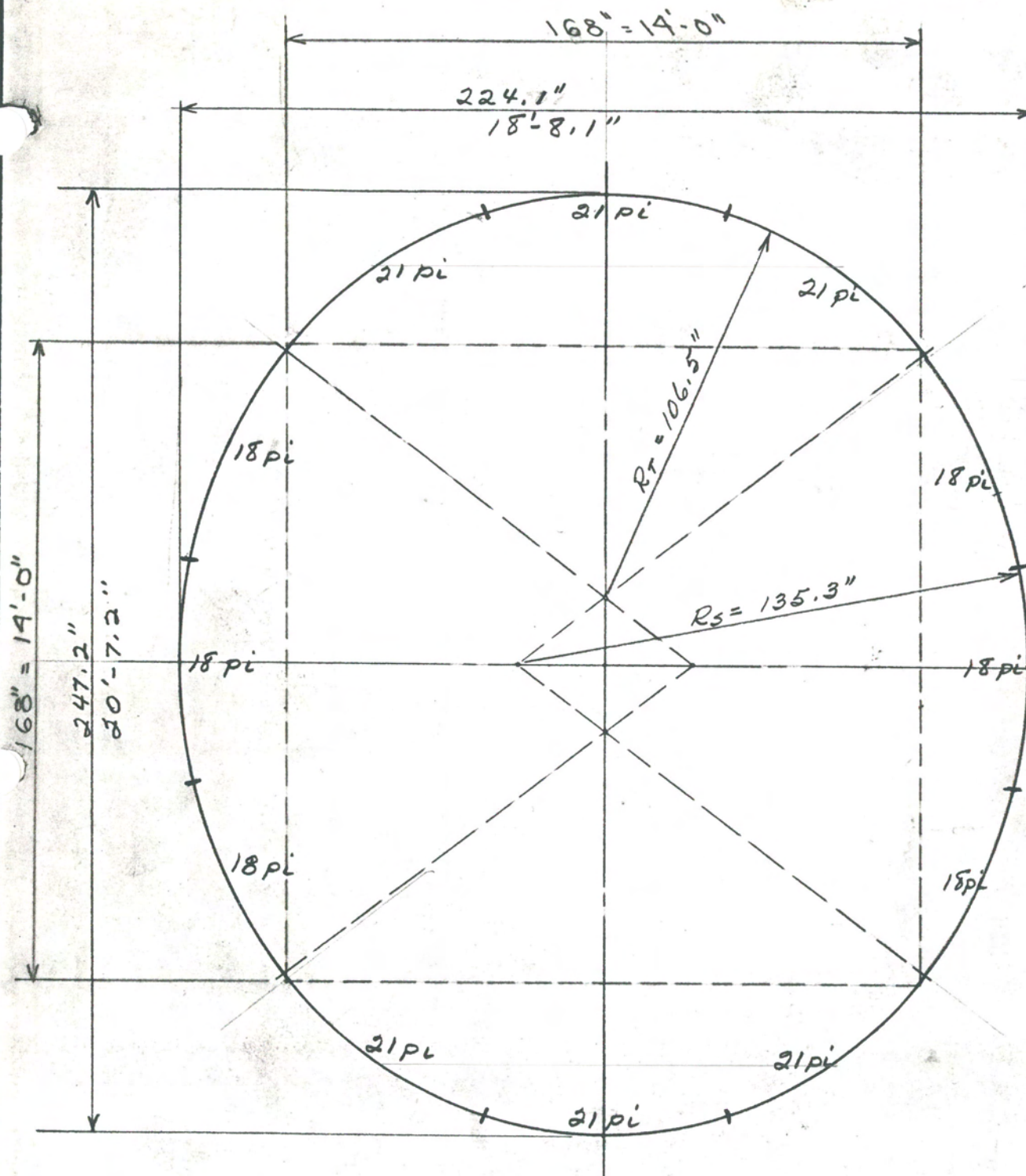
DATE 3/27/58

CHK.

DO NOT SCALE



1001498



234 pi 5% ELLIPSE
 SIDE R_S 3@ 18 pi (ONE SIDE)
 TOP R_S 3@ 21 pi (BOTTOM IS SAME)
 TOTAL R_S 6@ 18 pi; 6@ 21 pi

1/40

MARK	COATED	DIV.
STATION	COATED & PAVED	BUYERS NO.
EQ'D.	SMOOTH-FLO	
I.A.M.	ASBESTOS BONDED	HORIZONTAL
GAGE	GALV.	VERTICAL
CMP		HOLES
HEL-COR	NON PERFORATED	REF. DWG.
MATL.	PERFORATED	REVISED

TOTAL CENTERLINE LENGTH IN MULTIPLES OF 2 FT.

CONTECH

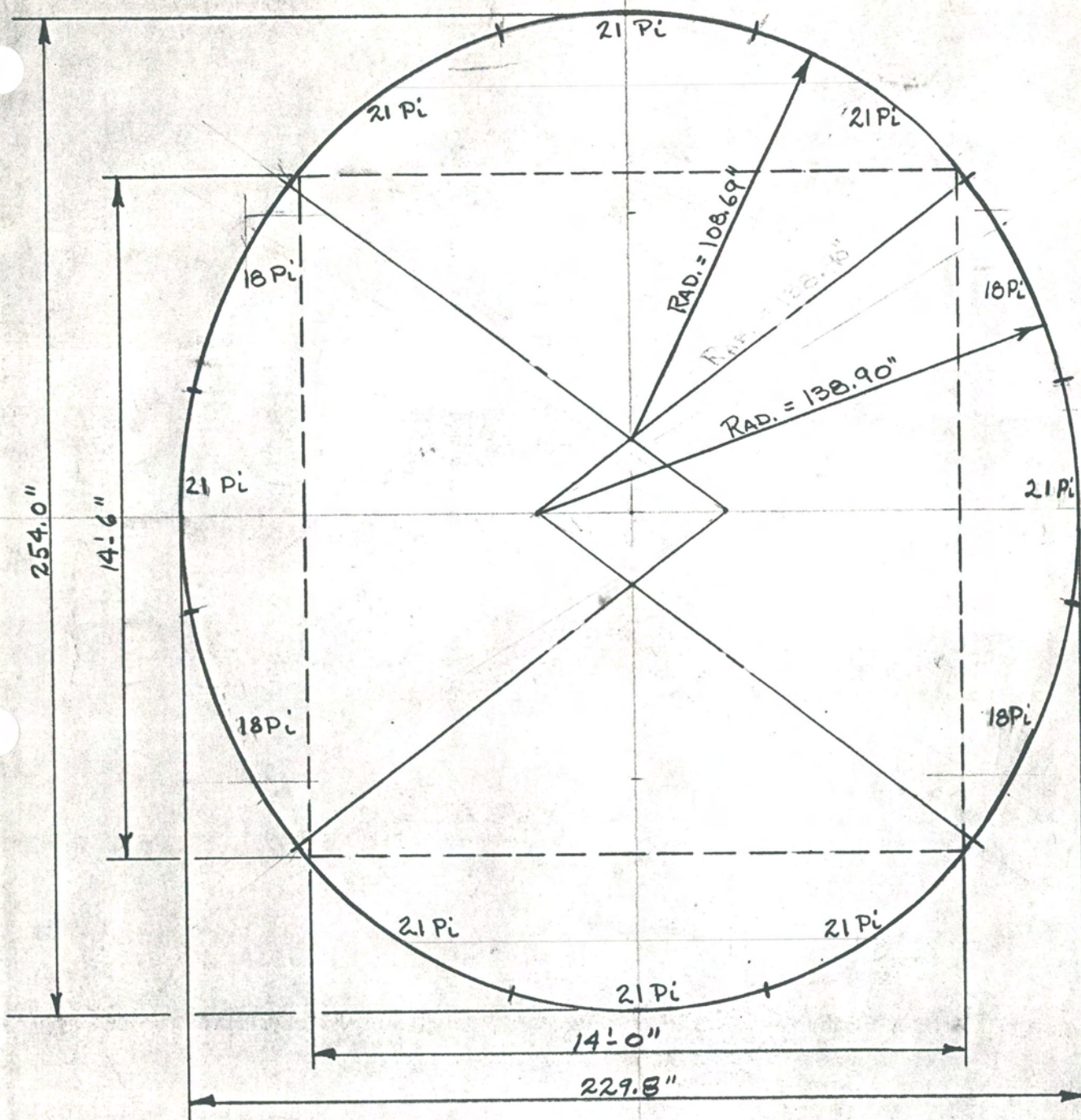
PRODUCTS, INC.
— DIVISION

5% ELLIPSE 234 pi

DRW. J.P.L. DATE 4/24/58
 CHK. DO NOT SCALE



1001499



240 Pl 5% ELLIPSE

SIDE PLATES: 2 @ 18 Pl } (ONE SIDE)
1 @ 21 Pl }

TOP PLATES: 3 @ 21 Pl (BOTTOM IS SAME)

TOTAL PLATES: 8 @ 21 Pl, 4 @ 18 Pl

SCALE: 1" = 40"

MARK	HOLES	IN. DIAM. EXCEPT AS NOTED
STENCIL	MATERIAL	MULTI-PLATE
EQD.		DIV. CENTRAL
DIAM.	PIPE SPEC.	BUYERS NO.
THK.	END FINISH	
WIDTH	OUTSIDE COAT	
LENGTH	INSIDE COAT	
REF. DWG.		
	REVISED	

CONTECH PRODUCTS, INC.

5% ELLIPSE

240 Pl

DRW. J.P.L. DATE 11-7-56

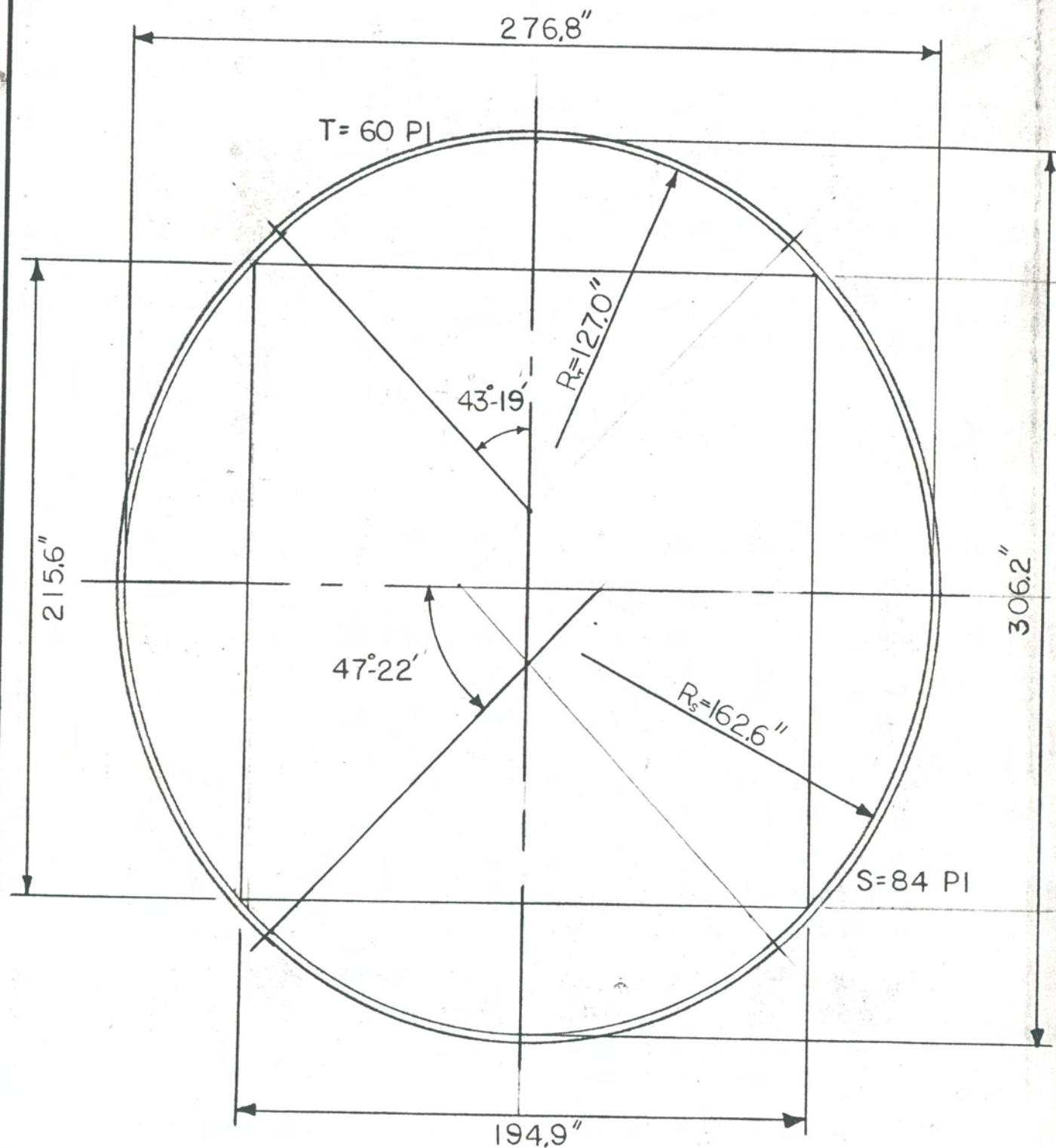
CHK.

REVISIONS



1001501

288 PI



SCALE : 1" = 50"

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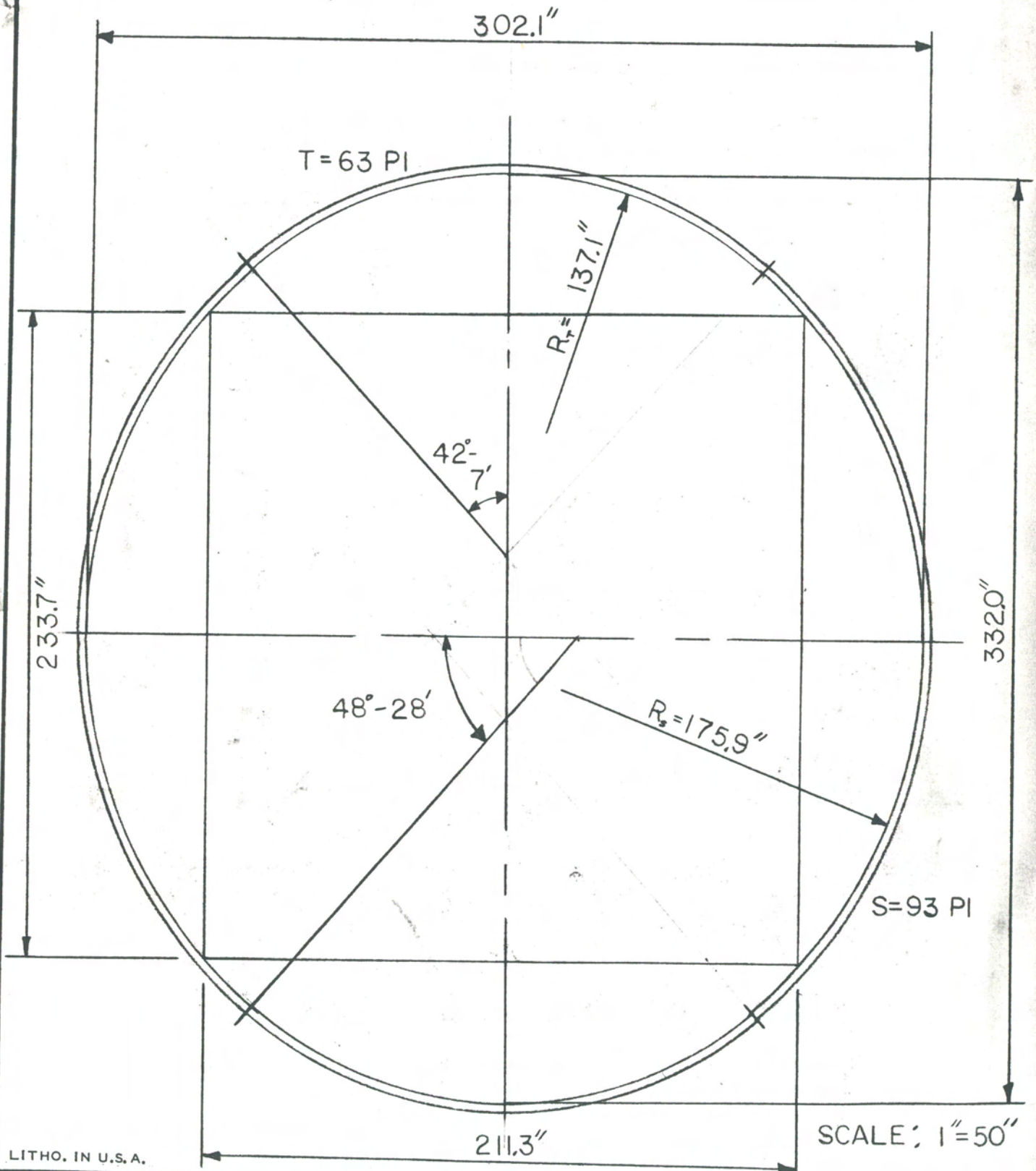
Suite 400
West Chester, OH 45069
800-338-1122
www.contech-cpi.com

288 PI 5% ELLIPSED MULTI-PLATE
276.8" SPAN 306.2" RISE

3 29 71 TDD

100 5376

312 PI



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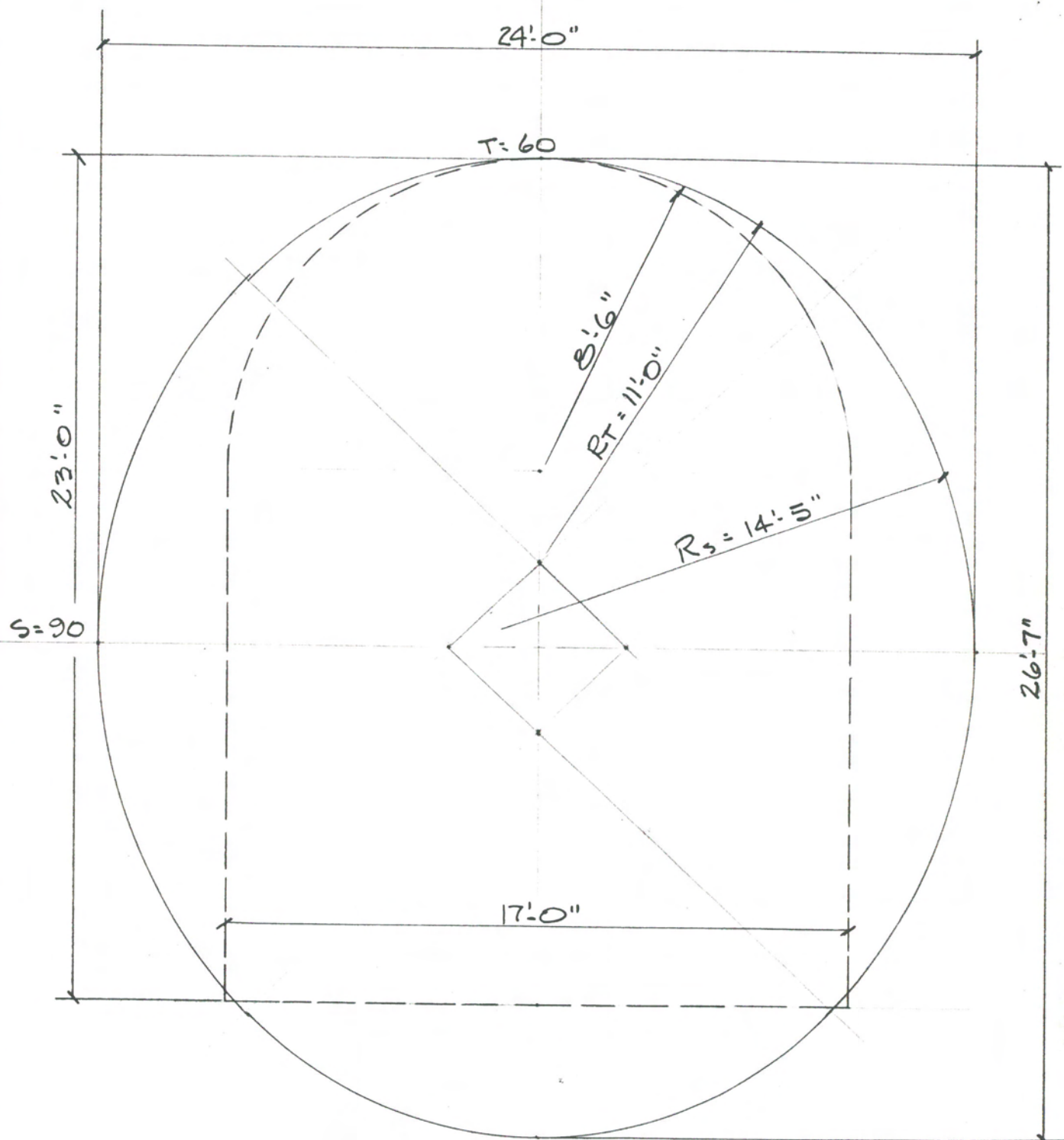
CONTECH
CONSTRUCTION PRODUCTS INC.
9025 Centre Pointe Drive
Suite 400

West Chester, OH 45069
800-338-1122
www.contech-cpi.com

312 PI 5% ELLIPSED MULTI-PLATE
302.1" SPAN 332.0" RISE

3-26-71 TDD

100 53 77



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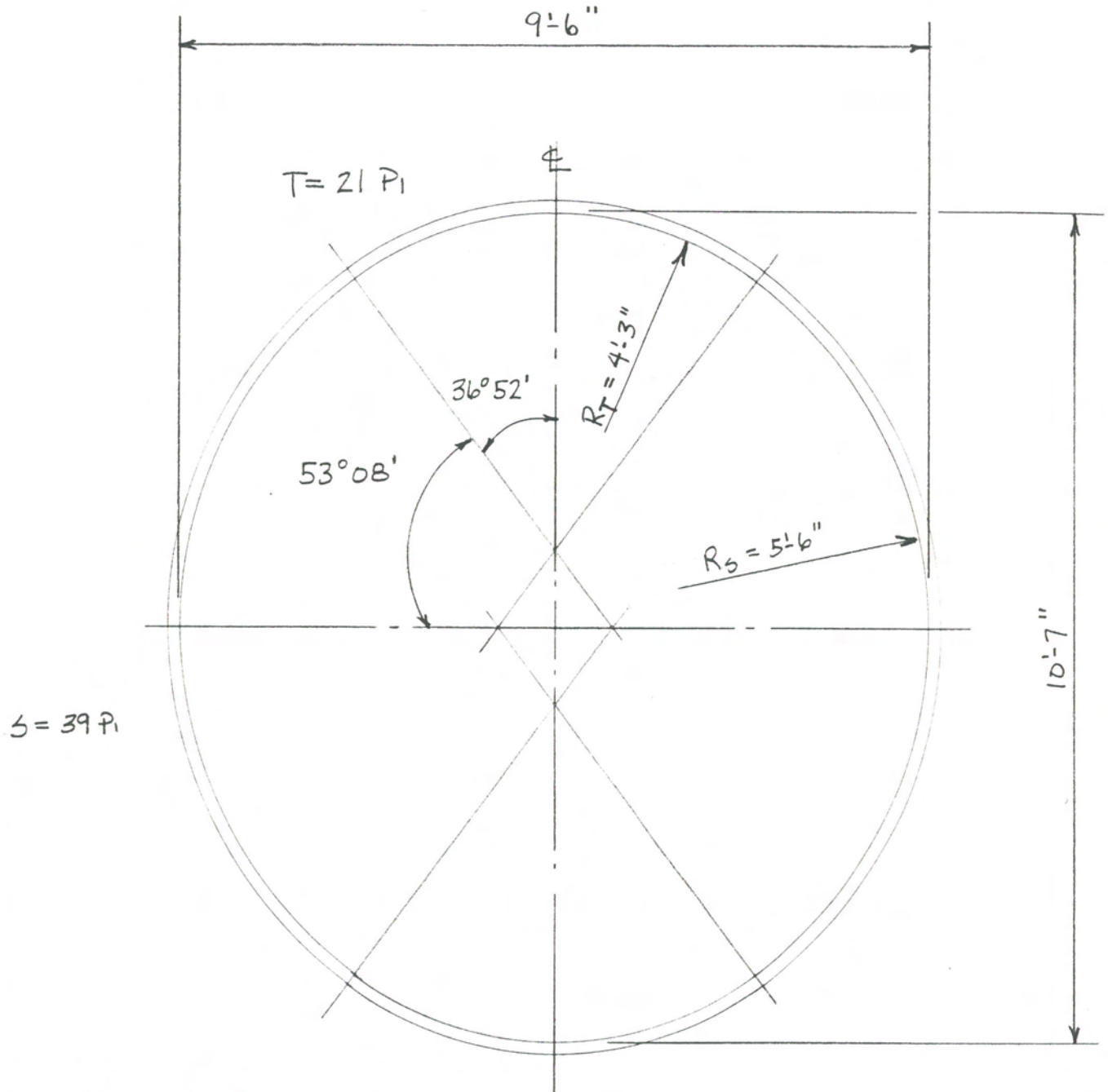
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West Chester, OH 45069
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300T 5% ELLIPSE
MULTI-PLATE

SCALE: 1/4" = 1'-0"
J.P.L. 9-6-73

1005704



TOP R's: 1 @ 21 P1
 SIDE R's: 1 @ 21 P1, 1 @ 18 P1
 TOTAL R's: 4 @ 21 P1, 2 @ 18 P1
 AREA = 79 SQ FT

ALL DIMENSIONS TO INSIDE OF MULTI-PLATE UNLESS NOTED.

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 CONSTRUCTION PRODUCTS INC.
 9025 Centre Pointe Drive
 Suite 400

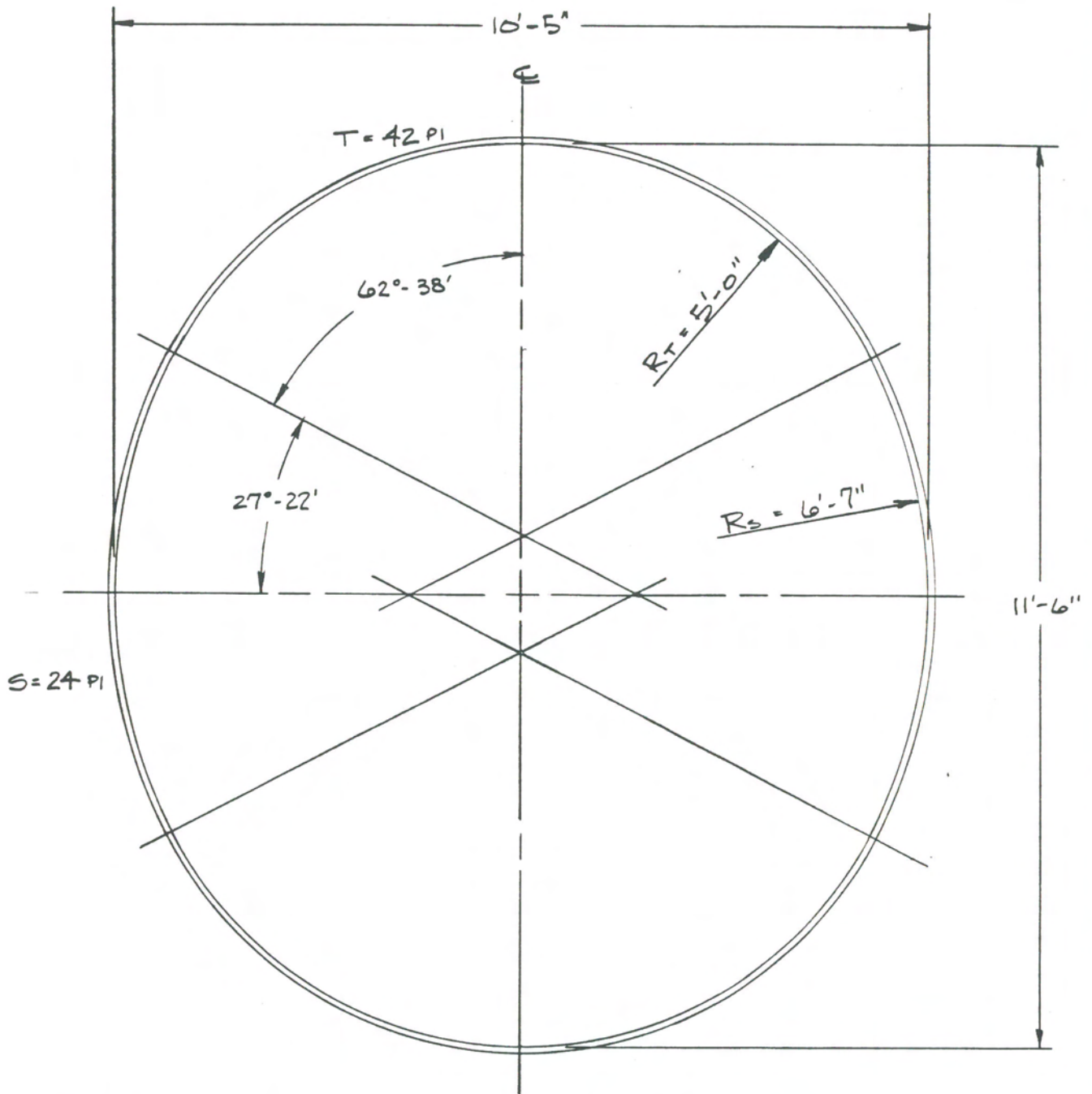
West Chester, OH 45069
 800-338-1122
 www.contech-cpi.com

MULTI-PLATE VERTICAL ELLIPSE 5%
 9'-6" SPAN X 10'-7" RISE

5.23.83 JRN

SCALE: $\frac{1}{2}" = 1'-0"$

1006931



TOP PLATES: 1 AT 24 PI, 1 AT 18 PI

SIDE PLATES: 1 AT 24 PI

TOTAL PLATES: 4 AT 24 PI, 2 AT 18 PI

AREA = 95 SQ. FT.

ALL DIMENSIONS TO INSIDE UNLESS NOTED

CONTECH
CONSTRUCTION PRODUCTS INC.

MULTI-PLATE VERTICAL ELLIPSE 5%
10'-5" SPAN x 11'-6" RISE

DATE K.P.T.
2-28-92

REV.

DWG. NO.

SCALE: $\frac{1}{2}" = 1'-0"$

1008664A

156 PI

12'-4"

T = 51 PI

64° 12'

$R_T = 6'-0"$

25° 48'

$R_S = 7'-11"$

S = 27 PI

13'-8"

TOP PL'S: 1 @ 24, 1 @ 27 PI
SIDE PL'S: 1 @ 27 PI
TOTAL PL'S 2 @ 24, 4 @ 27 PI

SCALE: 1/2" = 1'-0"

APPROX AREA: 134 SQ. FT

ALL DIMENSIONS TO INSIDE OF MULTI-PLATE UNLESS NOTED.

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MULTI-PLATE VERTICAL ELLIPSE
12'-4" X 13'-8" 5%

Drawing
Date:

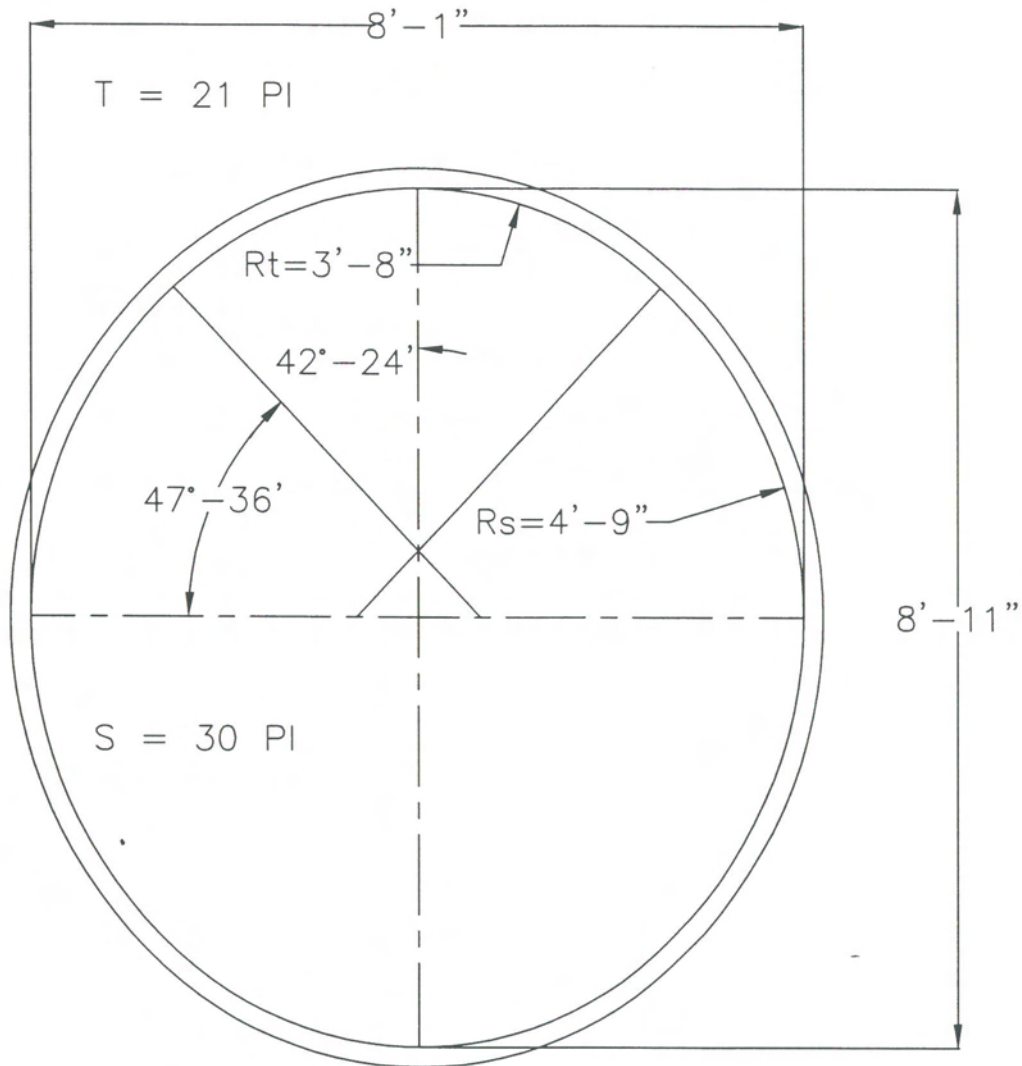
M.J.S.
3-23-95

Revision
Date:

Drawing
Number:

1009627A

102 PI



APPROX. AREA = 56 SQ.FT.

NOTES:

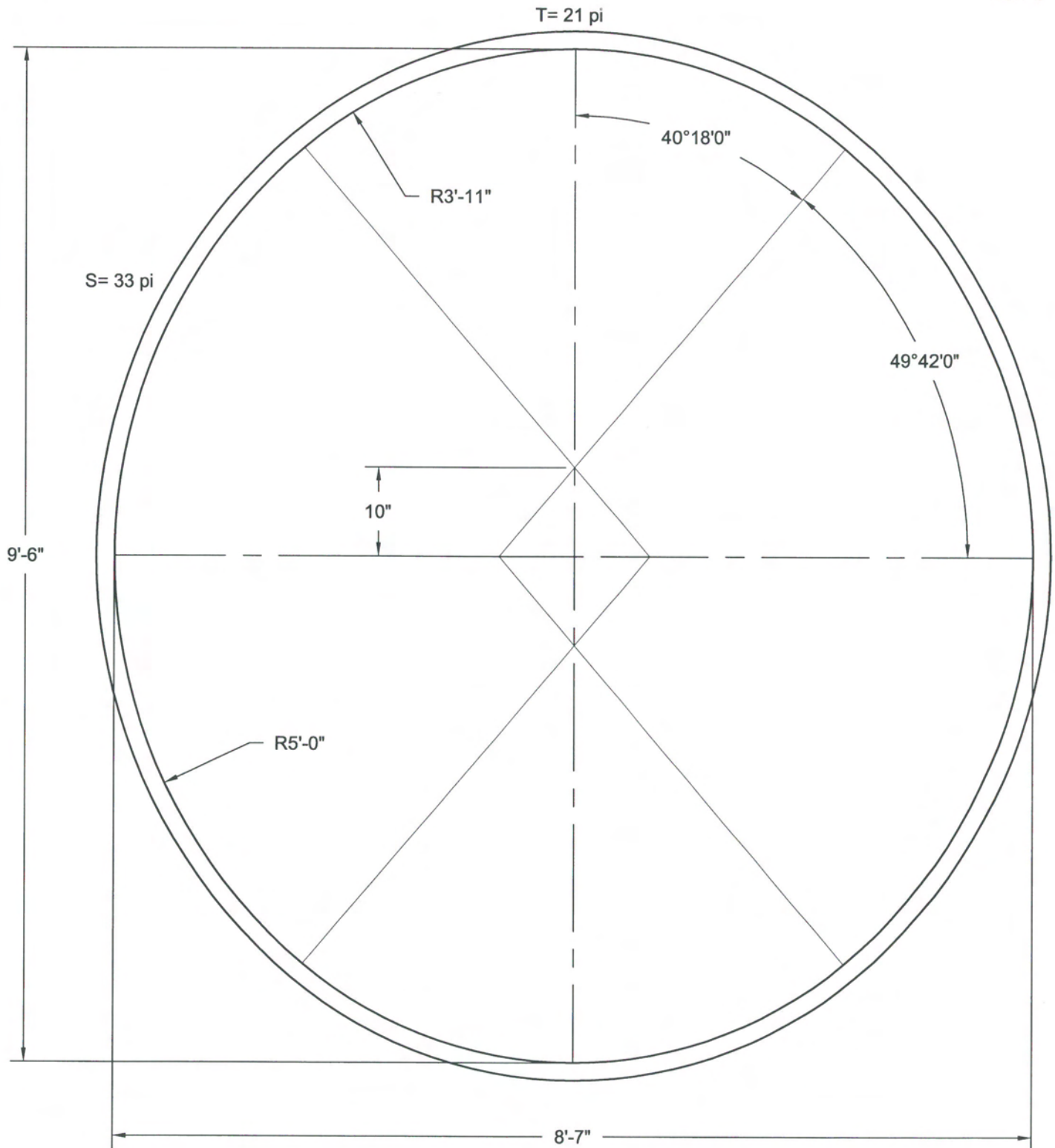
1. ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
2. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION OF MULTI-PLATE UNLESS NOTED.

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CONSTRUCTION PRODUCTS INC.

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MULTI-PLATE VERTICAL ELLIPSE
8'-1" x 8'-11" 5%

DRAWN BY: GMG	REV. BY: N/A	SCALE: 1/2" = 1'
DATE: 6-7-99	DATE: N/A	1010873A



AREA= 63.4 SF
 PLATE MAKE-UP: 2@21, 2@18, & 2@15 PI PLATES PER RING

NOTES:

1. ALL DIMENSIONS ARE TO THE N.A OF M.P. UNLESS NOTED OTHERWISE.
2. ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.



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MP VERTICAL ELLIPSE
 8'-7" SPAN x 9'-6" RISE

DRAWN BY:	JWK	REV. BY:	N/A	SCALE:	3/4"=1'-0"
DATE:	3/14/02	REV. DATE:	5/21/03	DWG#:	1011580B