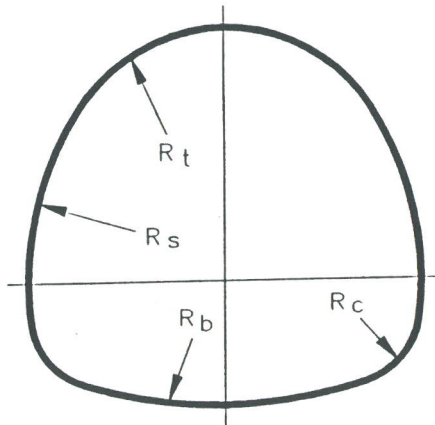


UNDERPASS

Span, Ft.-In.	Rise, Ft.-In.	Area, Ft. ²	Layout Data, * Inches			
			R _t	R _s	R _c	R _b
12-2	11-0	107	67	93	38	134
12-11	11-3	116	73	95	38	144
13-2	11-11	126	73	103	38	159
13-10	12-3	136	77	108	38	164
14-1	12-10	147	77	115	38	182
14-6	13-5	158	78	130	38	174
14-10	14-0	169	79	136	38	192
15-6	14-4	180	84	138	38	201
15-9	15-1	192	83	150	38	212
16-4	15-5	204	86	157	38	215
16-5	16-1	217	88	158	38	271
16-9	16-3	224	89	167	38	247
17-3	17-0	239	90	174	47	215
18-4	16-11	252	100	157	47	249
19-2	17-2	266	105	156	47	264
19-6	17-7	280	107	158	47	297
20-4	17-9	295	113	156	47	314

* Dimensions to the nearest whole number.

Dimensions are to inside crests of corrugations and are subject to manufacturing tolerances.



Technical drawing of a dome structure, showing plan and elevation views with dimensions and labels.

Plan View (Top):

- Overall width: $12'-2''$
- Overall depth: $11'-0''$
- Radius $R_t = 5'-7''$
- Radius $R_s = 7'-9''$
- Radius $R_c = 3'-2''$
- Radius $R_b = 11'-2''$
- Angle $52^\circ 12'$
- Angle $41^\circ 45'$
- Angle $21^\circ 3'$
- Angle 65°
- Label $T = 39 \text{ PI}$
- Label $S = 21 \text{ PI}$
- Label $C = 15 \text{ PI}$

Elevation View (Bottom):

- Overall height: $6'-11''$
- Overall width: $12'-2''$
- Overall depth: $11'-0''$
- Radius $R_t = 5'-7''$
- Radius $R_s = 7'-9''$
- Radius $R_c = 3'-2''$
- Radius $R_b = 11'-2''$
- Angle $52^\circ 12'$
- Angle $41^\circ 45'$
- Angle $21^\circ 3'$
- Angle 65°
- Label $T = 39 \text{ PI}$
- Label $S = 21 \text{ PI}$
- Label $C = 15 \text{ PI}$

AREA = 107 SQ. FT.

1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.

Technical drawing of a dome structure, showing a plan view with various dimensions and labels. The drawing includes a central vertical axis and a horizontal axis. The dome is defined by a circular outline with a radius of $R_t = 6'-1''$. The base of the dome is defined by a circular outline with a radius of $R_s = 7'-11''$. The dome is divided into sections by radial lines, with angles of $52^\circ 16'$, $41^\circ 14'$, 65° , and $21^\circ 30'$ indicated. The dome is supported by a base with a width of $B = 47''$ and a height of $B = 33 \text{ PI}$. The dome is labeled with $T = 42 \text{ PI}$ and $S = 21 \text{ PI}$. The base is labeled with $C = 15 \text{ PI}$. The drawing also includes dimensions for the dome's height and width, such as $12'-11''$, $7'-2''$, $11'-3''$, and $4'-1''$.

TOP PL's: 2 @ 21 PI
SIDE PL's: 1 @ 21 PI
CORNER PL's: 1 @ 15 PI
BOTTOM PL's: 1 @ 15, 1 @ 18 PI

TOTAL PL's: 3 @ 15, 1 @ 18, 4 @ 21 PI

NOTES:

1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.



MULTI-PLATE
UNDERPASS
12'-11" x 11'-3"

Drawing
Date: T.R.T.
12-21-94

Revision
Date:

Drawing
Number: 1009491A

Technical drawing of a dome structure, showing plan and elevation views with dimensions and labels.

Plan View (Top):

- Overall width: $13'-2''$
- Overall height: $11'-11''$
- Labels: $T = 42 \text{ PI}$, $S = 24 \text{ PI}$, $C = 15 \text{ PI}$
- Dimensions: $R_t = 6'-1''$, $R_s = 8'-7''$, $R_c = 3'-2''$, $R_b = 13'-3''$
- Angles: $52^\circ 16'$, $43^\circ 15'$, 65° , $19^\circ 29'$

Elevation View (Bottom):

- Overall width: $13'-2''$
- Overall height: $7'-7''$
- Labels: $B = 46''$, $B = 33 \text{ PI}$
- Dimensions: $4'-4''$

TOP PL's: 2 @ 21 PI
SIDE PL's: 1 @ 24 PI
CORNER PL's: 1 @ 15 PI
BOTTOM PL's: 1 @ 15, 1 @ 18 PI

SCALE: $3/8" = 1'-0"$

NOTES:

- NOTES:
1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
 2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
 3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.



MULTI-PLATE
UNDERPASS
13'-2" x 11'-11"

Drawing
Date: T.R.T.
12-21-94

Revision
Date:

Drawing
Number: 1009492A

159 PI

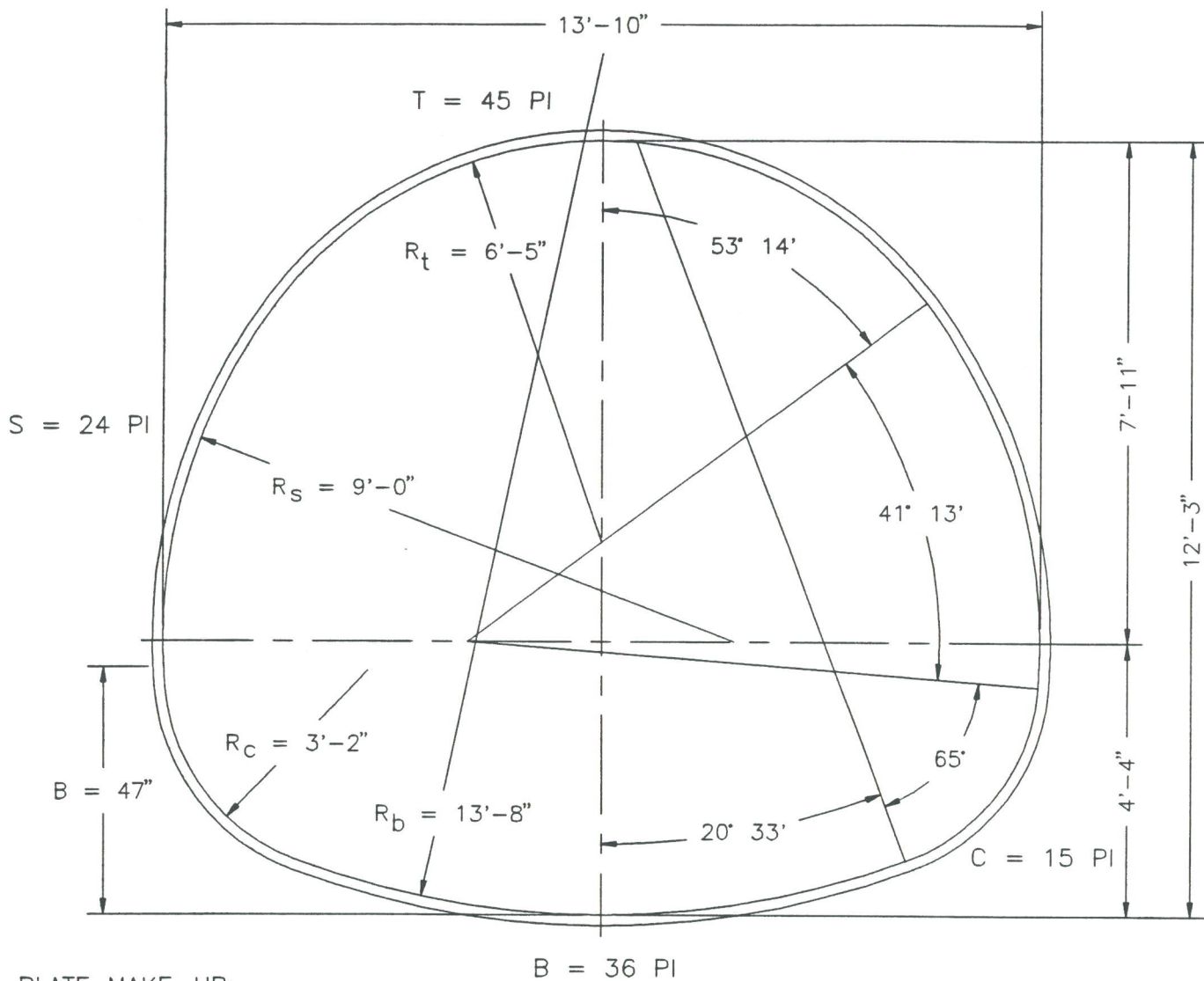


PLATE MAKE-UP:

TOP PL's: 1 @ 21, 1 @ 24 PI
SIDE PL's: 1 @ 24 PI
CORNER PL's: 1 @ 15 PI
BOTTOM PL's: 2 @ 18 PI

SCALE: $3/8" = 1'-0"$

TOTAL PL's: 2 @ 15, 2 @ 18, 1 @ 21, 3 @ 24 PI

AREA = 136 SQ. FT.

NOTES:

- NOTES:
1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.



MULTI-PLATE
UNDERPASS
13'-10" x 12'-3"

Drawing T.R.T.
Date: 12-21-94

Revision
Date:

Drawing
Number: 1009493A

165 PI

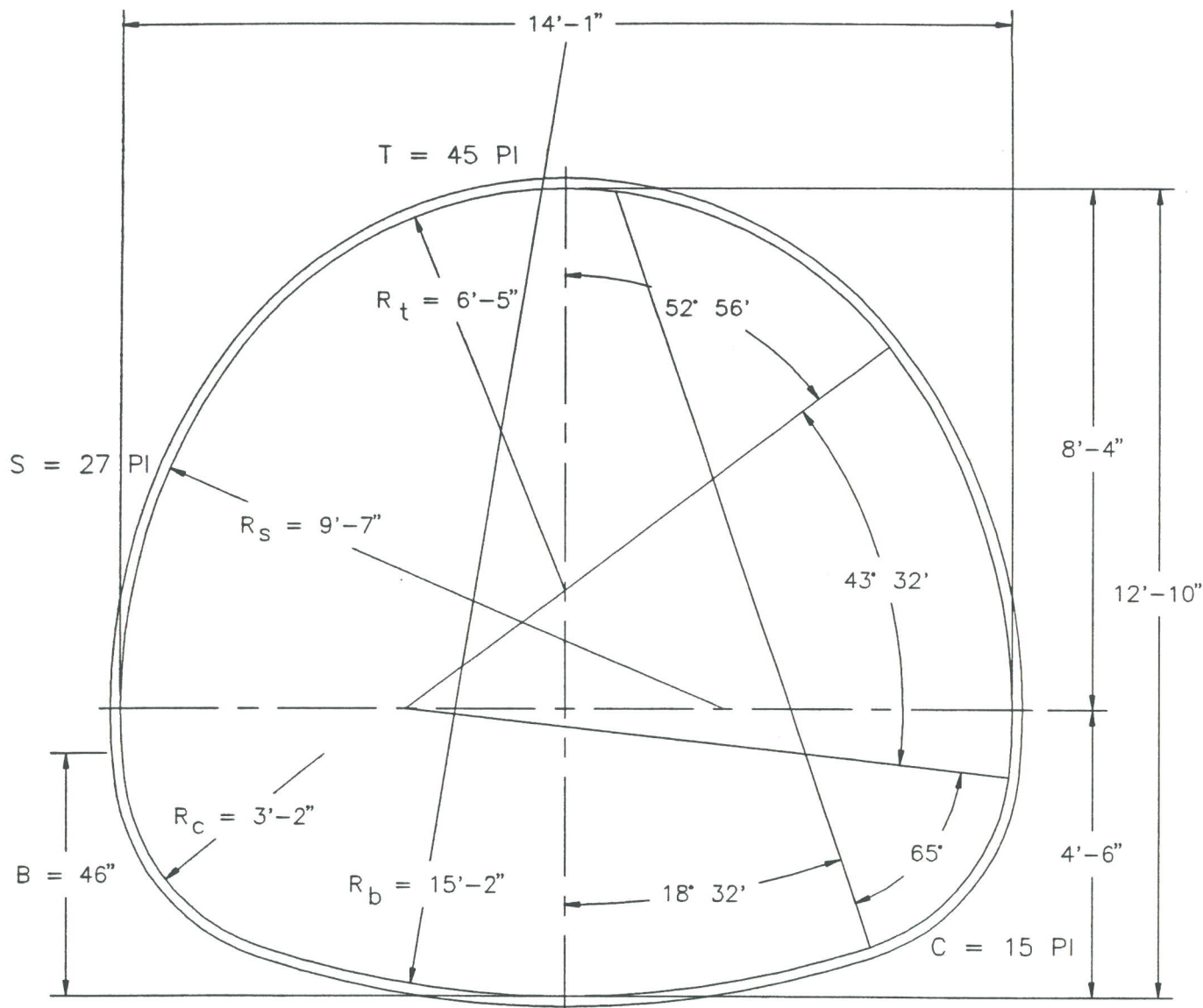


PLATE MAKE-UP:

TOP PL's: 1 @ 21, 1 @ 24 PI
 SIDE PL's: 1 @ 9, 1 @ 18 PI
 CORNER PL's: 1 @ 15 PI
 BOTTOM PL's: 2 @ 18 PI

SCALE: 3/8" = 1'-0"

TOTAL PL's: 2 @ 9, 2 @ 15, 4 @ 18, 1 @ 21, 1 @ 24 PI

AREA = 147 SQ. FT.

NOTES:

1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.

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MULTI-PLATE
 UNDERPASS
 14'-1" x 12'-10"

Drawing Date: T.R.T.
 12-21-94

Revision Date:

Drawing Number: 1009494A

Technical drawing of a dome structure, showing a cross-section with various dimensions and labels. The drawing includes a circular dome shape within a rectangular frame. Key dimensions and labels are as follows:

- Top Width:** 14'-6"
- Left Side Labels:**
 - $T = 48 \text{ PI}$
 - $S = 27 \text{ PI}$
 - $B = 49''$
- Right Side Labels:**
 - 8'-11"
 - 13'-5"
 - 4'-6"
 - $C = 15 \text{ PI}$
 - $B = 39 \text{ PI}$
- Internal Dimensions and Angles:**
 - $R_t = 6'-6''$
 - $R_s = 10'-10''$
 - $R_c = 3'-2''$
 - $R_b = 14'-6''$
 - Angles: $55^\circ 39'$, $38^\circ 24'$, 65° , $20^\circ 57'$

TOP PL's: 2 @ 24 PI
SIDE PL's: 1 @ 9, 1 @ 18 PI
CORNER PL's: 1 @ 15 PI
BOTTOM PL's: 1 @ 18, 1 @ 21 PI

TOTAL PL's: 2 @ 9, 2 @ 15, 3 @ 18, 1 @ 21, 2 @ 24 PI

NOTES:

- NOTES:
1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.



MULTI-PLATE
UNDERPASS
14'-6" x 13'-5"

Drawing
Date: T.R.T.
12-21-94

Revision
Date:

Drawing
Number: 1009495A

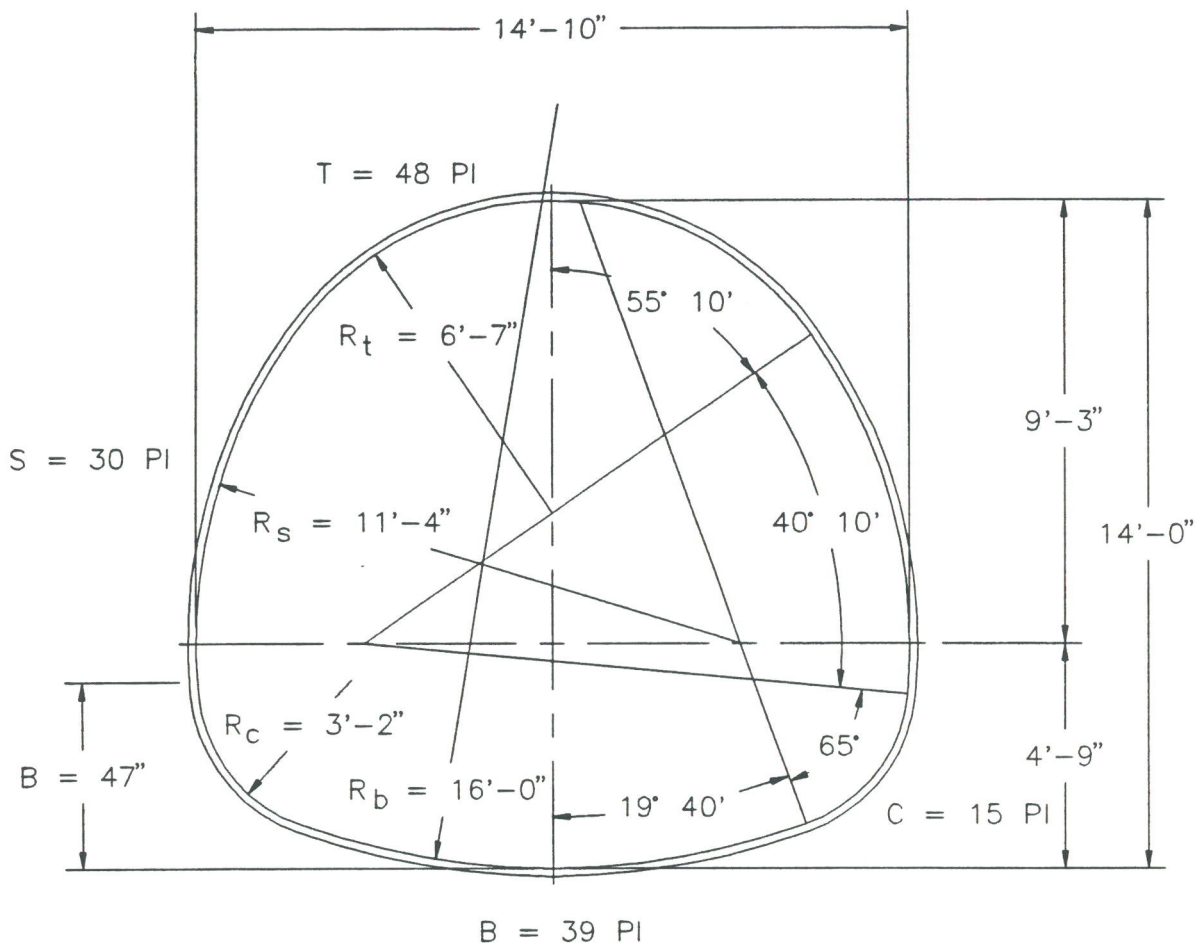


PLATE MAKE-UP:

TOP PL's: 2 @ 24 PI
SIDE PL's: 2 @ 15 PI
CORNER PL's: 1 @ 15 PI
BOTTOM PL's: 1 @ 18, 1 @ 21 PI

SCALE: $1/4" = 1'-0"$

TOTAL PL's: 6 @ 15, 1 @ 18, 1 @ 21, 2 @ 24 PI

AREA = 169 SQ. FT.

NOTES:

- NOTES:
1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.

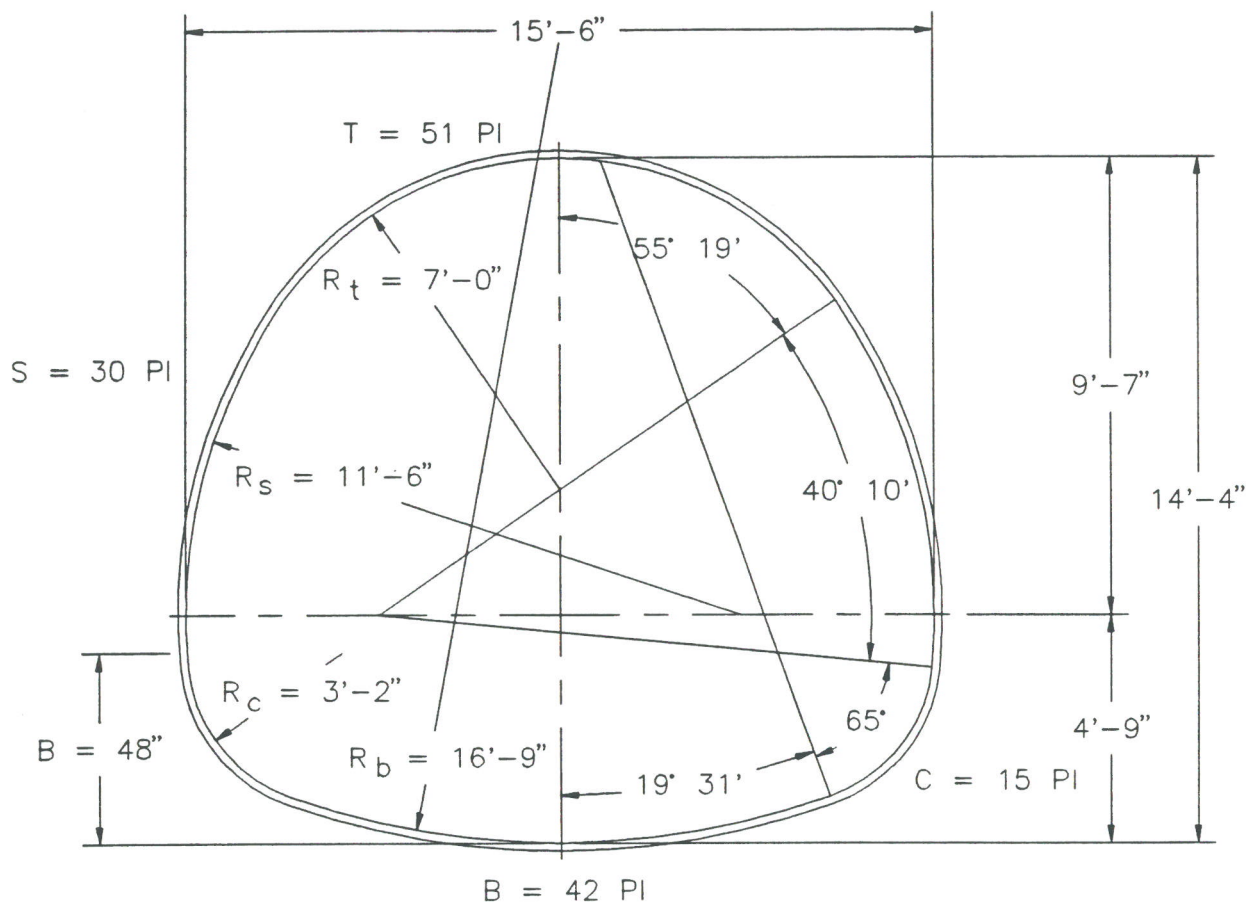


MULTI-PLATE
UNDERPASS
14'-10" x 14'-0"

Drawing T.R.T.
Date: 12-21-94

Revision
Date:

Drawing
Number: 1009496A

PLATE MAKE-UP:

TOP PL's: 1 @ 15, 2 @ 18 PI
 SIDE PL's: 2 @ 15 PI
 CORNER PL's: 1 @ 15 PI
 BOTTOM PL's: 2 @ 21 PI

SCALE: $1/4" = 1'-0"$

TOTAL PL's: 7 @ 15, 2 @ 18, 2 @ 21 PI

AREA = 180 SQ. FT.

NOTES:

1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.

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MULTI-PLATE
 UNDERPASS
 15'-6" x 14'-4"

Drawing T.R.T.
 Date: 12-21-94

Revision
 Date:

Drawing
 Number: 1009497A

TOP PL's: 1 @ 15, 2 @ 18 PI
SIDE PL's: 1 @ 15, 1 @ 18 PI
CORNER PL's: 1 @ 15 PI
BOTTOM PL's: 2 @ 21 PI

AREA = 192 SQ. FT.

1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.



MULTI-PLATE
UNDERPASS
15'-9" x 15'-1"

Drawing
Date: T.R.T.
12-21-94

Revision
Date:

Drawing
Number: 1009498A

195 PI

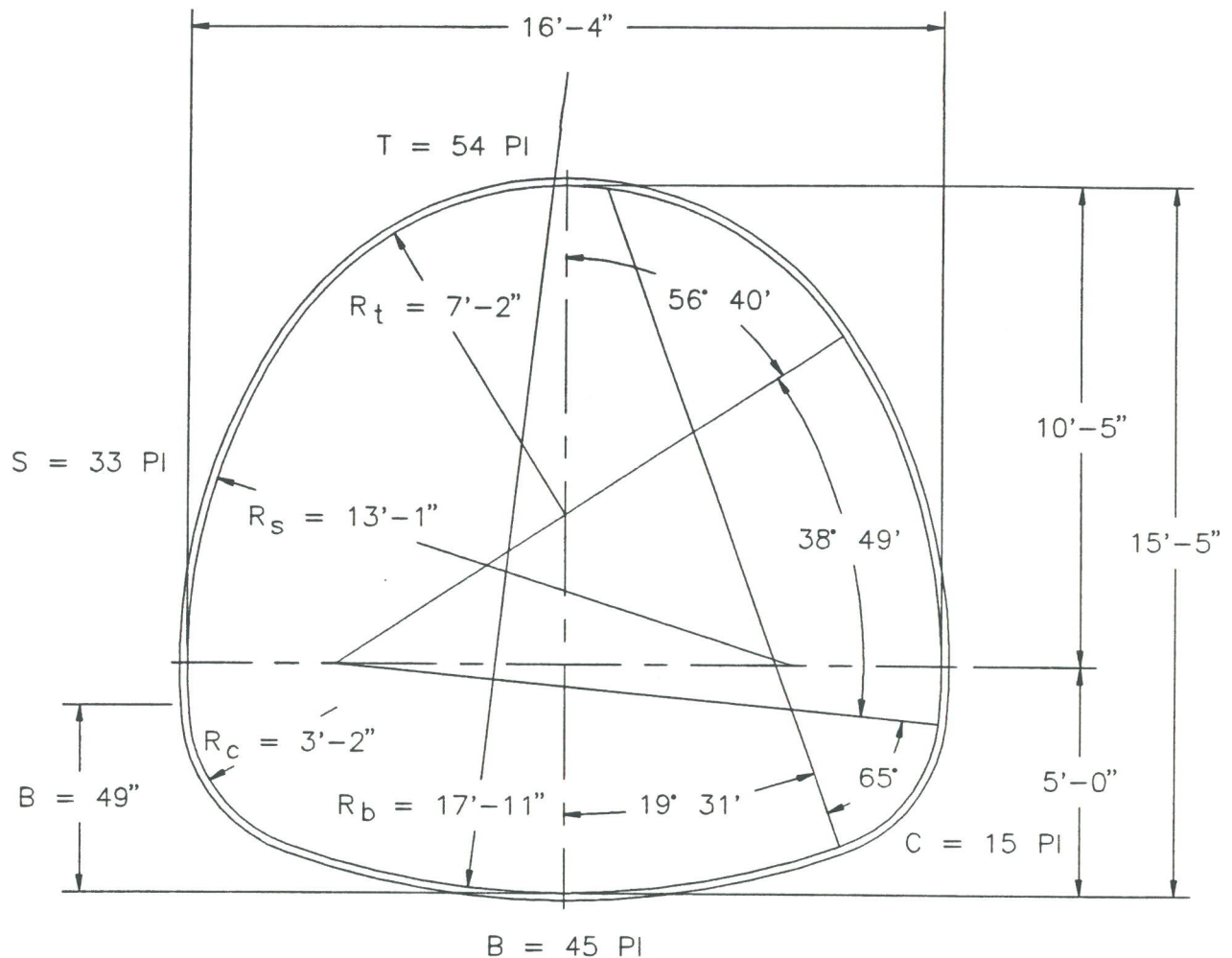


PLATE MAKE-UP:

TOP PL's: 3 @ 18 PI
 SIDE PL's: 1 @ 15, 1 @ 18 PI
 CORNER PL's: 1 @ 15 PI
 BOTTOM PL's: 1 @ 21, 1 @ 24 PI

TOTAL PL's: 4 @ 15, 5 @ 18, 1 @ 21, 1 @ 24 PI

SCALE: 1/4" = 1'-0"

AREA = 204 SQ. FT.

NOTES:

1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.

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MULTI-PLATE
 UNDERPASS
 16'-4" x 15'-5"

Drawing T.R.T.
 Date: 12-21-94

Revision
 Date:

Drawing
 Number: 1009499A

201 PI

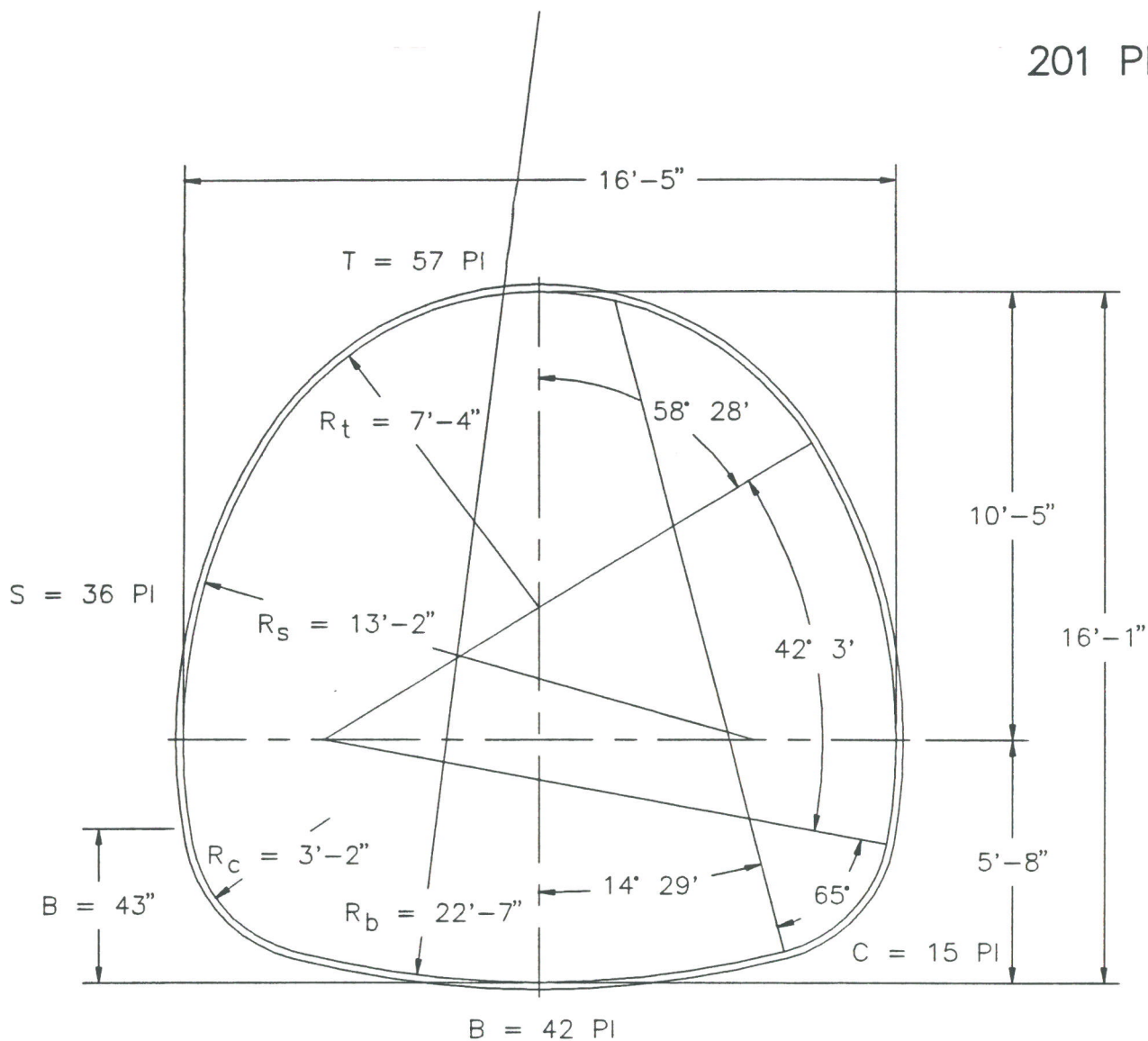


PLATE MAKE-UP:

TOP PL's: 2 @ 18, 1 @ 21 PI
 SIDE PL's: 2 @ 18 PI
 CORNER PL's: 1 @ 15 PI
 BOTTOM PL's: 2 @ 21 PI

TOTAL PL's: 2 @ 15, 6 @ 18, 3 @ 21 PI

SCALE: 1/4" = 1'-0"

AREA = 217 SQ. FT.

NOTES:

1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.

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MULTI-PLATE
 UNDERPASS
 16'-5" x 16'-1"

Drawing Date: T.R.T.
 12-21-94

Revision Date:

Drawing Number: 1009500A

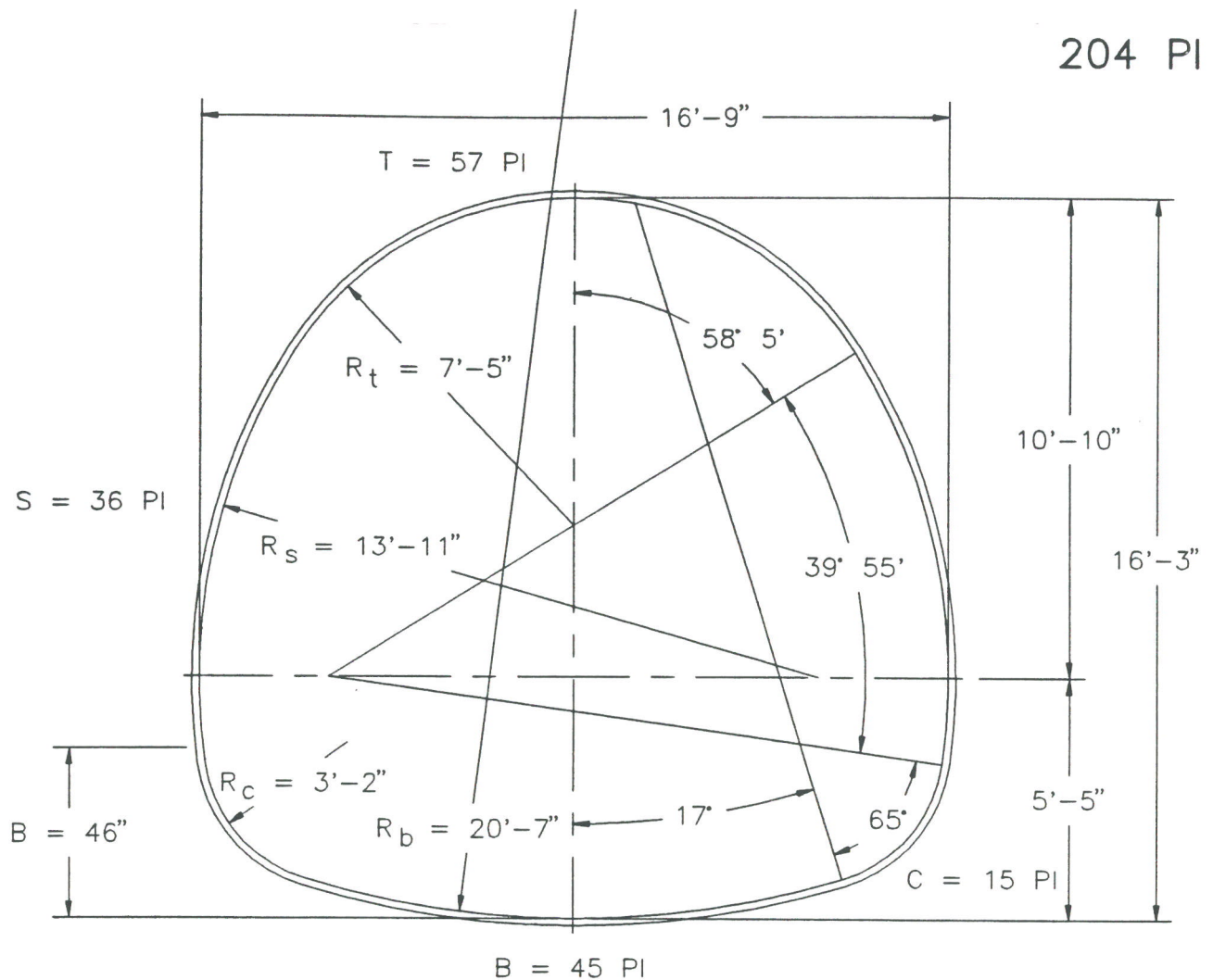


PLATE MAKE-UP:

TOP PL's: 2 @ 18, 1 @ 21 PI
 SIDE PL's: 2 @ 18 PI
 CORNER PL's: 1 @ 15 PI
 BOTTOM PL's: 1 @ 21, 1 @ 24 PI

TOTAL PL's: 2 @ 15, 6 @ 18, 2 @ 21, 1 @ 24 PI

SCALE: 1/4" = 1'-0"

AREA = 224 SQ. FT.

NOTES:

1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.

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MULTI-PLATE
 UNDERPASS
 16'-9" x 16'-3"

Drawing T.R.T.
 Date: 12-21-94

Revision
 Date:

Drawing
 Number: 1009501A

210
201 PI

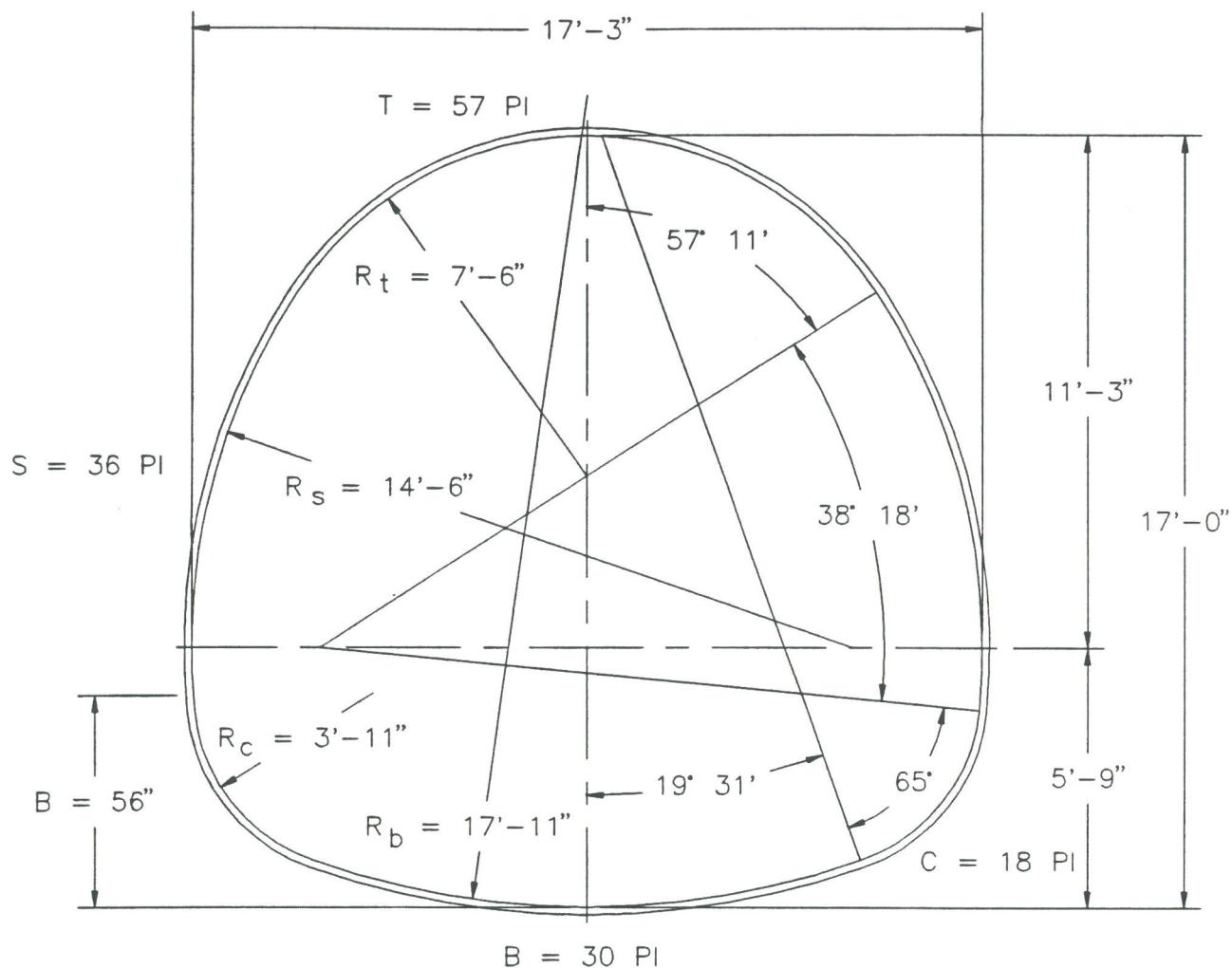


PLATE MAKE-UP:

TOP PL's: 1 @ 18, 1 @ 21 PI
 SIDE PL's: 1 @ 21 PI
 CORNER PL's: 1 @ 15 PI
 BOTTOM PL's: 1 @ 21, 1 @ 24 PI

SCALE: 1/4" = 1'-0"

TOTAL PL's: 8 @ 18, 2 @ 21, 1 @ 24 PI

AREA = 239 SQ. FT.

NOTES:

1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.

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MULTI-PLATE
 UNDERPASS
 17'-3" x 17'-0"

Drawing Date: T.R.T.
 12-21-94

Revision Date:

Drawing Number: 1009502A

Technical drawing of a dome structure, showing various dimensions and angles. The drawing includes a plan view (top) and a section view (bottom).

Plan View Dimensions:

- Overall width: $18'-4''$
- Overall height: $16'-11''$
- Radius $R_t = 8'-4''$
- Radius $R_s = 13'-1''$
- Radius $R_c = 3'-11''$
- Radius $R_b = 20'-9''$
- Angle $54^\circ 43'$
- Angle $42^\circ 19'$
- Angle 65°
- Angle $17^\circ 58'$

Section View Dimensions:

- Overall width: $18'-4''$
- Overall height: $16'-11''$
- Radius $R_t = 8'-4''$
- Radius $R_s = 13'-1''$
- Radius $R_c = 3'-11''$
- Radius $R_b = 20'-9''$
- Angle $54^\circ 43'$
- Angle $42^\circ 19'$
- Angle 65°
- Angle $17^\circ 58'$

Other Dimensions:

- Overall width: $18'-4''$
- Overall height: $16'-11''$
- Radius $R_t = 8'-4''$
- Radius $R_s = 13'-1''$
- Radius $R_c = 3'-11''$
- Radius $R_b = 20'-9''$
- Angle $54^\circ 43'$
- Angle $42^\circ 19'$
- Angle 65°
- Angle $17^\circ 58'$

TOP PL's: 1 @ 18, 2 @ 21 PI
SIDE PL's: 2 @ 18 PI
CORNER PL's: 1 @ 18 PI
BOTTOM PL's: 2 @ 24 PI

SCALE: $1/4" = 1'-0"$

NOTES:

- NOTES:
1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.



MULTI-PLATE
UNDERPASS
18'-4" x 16'-11"

Drawing T.R.T.
Date: 12-21-94

Revision
Date:

Drawing
Number: 1009503A

[illegible]

TOP PL's: 3 @ 21 PI
SIDE PL's: 2 @ 18 PI
CORNER PL's: 1 @ 18 PI
BOTTOM PL's: 1 @ 15, 1 @ 18 PI

TOTAL PL's: 1 @ 15, 7 @ 18, 3 @ 21 PI

NOTES:

- NOTES:
1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.



MULTI-PLATE
UNDERPASS
19'-2" x 17'-2"

Drawing T.R.T.
Date: 12-21-94

Revision
Date:

Drawing
Number: 1009504A

228 PI

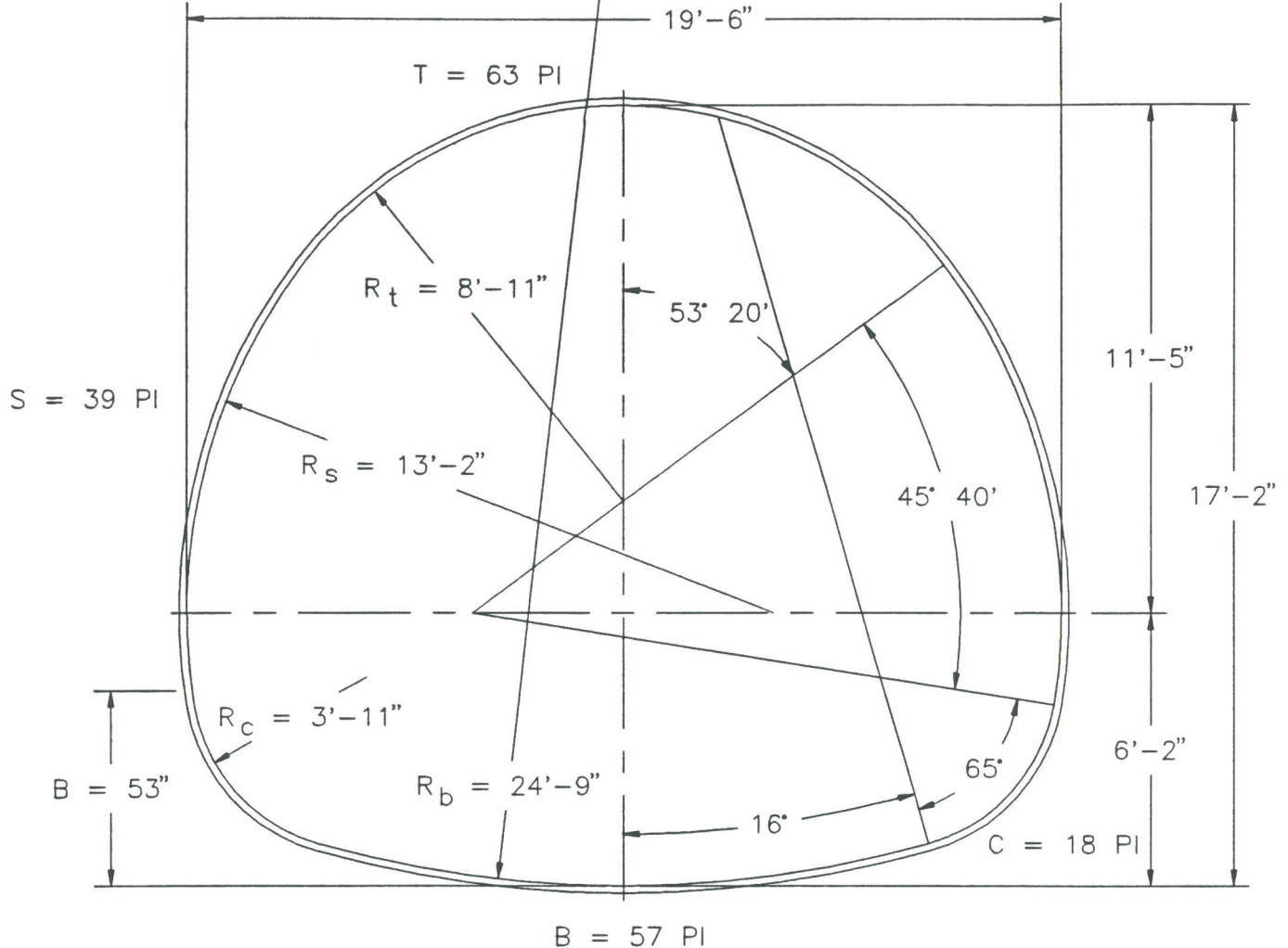


PLATE MAKE-UP:

TOP PL's: 3 @ 21 PI
 SIDE PL's: 1 @ 18, 1 @ 21 PI
 CORNER PL's: 1 @ 18 PI
 BOTTOM PL's: 1 @ 15, 2 @ 21 PI

TOTAL PL's: 1 @ 15, 4 @ 18, 7 @ 21 PI

SCALE: 1/4" = 1'-0"

AREA = 280 SQ. FT.

NOTES:

1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.

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MULTI-PLATE
 UNDERPASS
 19'-6" x 17'-7"

Drawing Date: T.R.T.
 12-21-94

Revision Date:

Drawing Number: 1009505A

234 PI

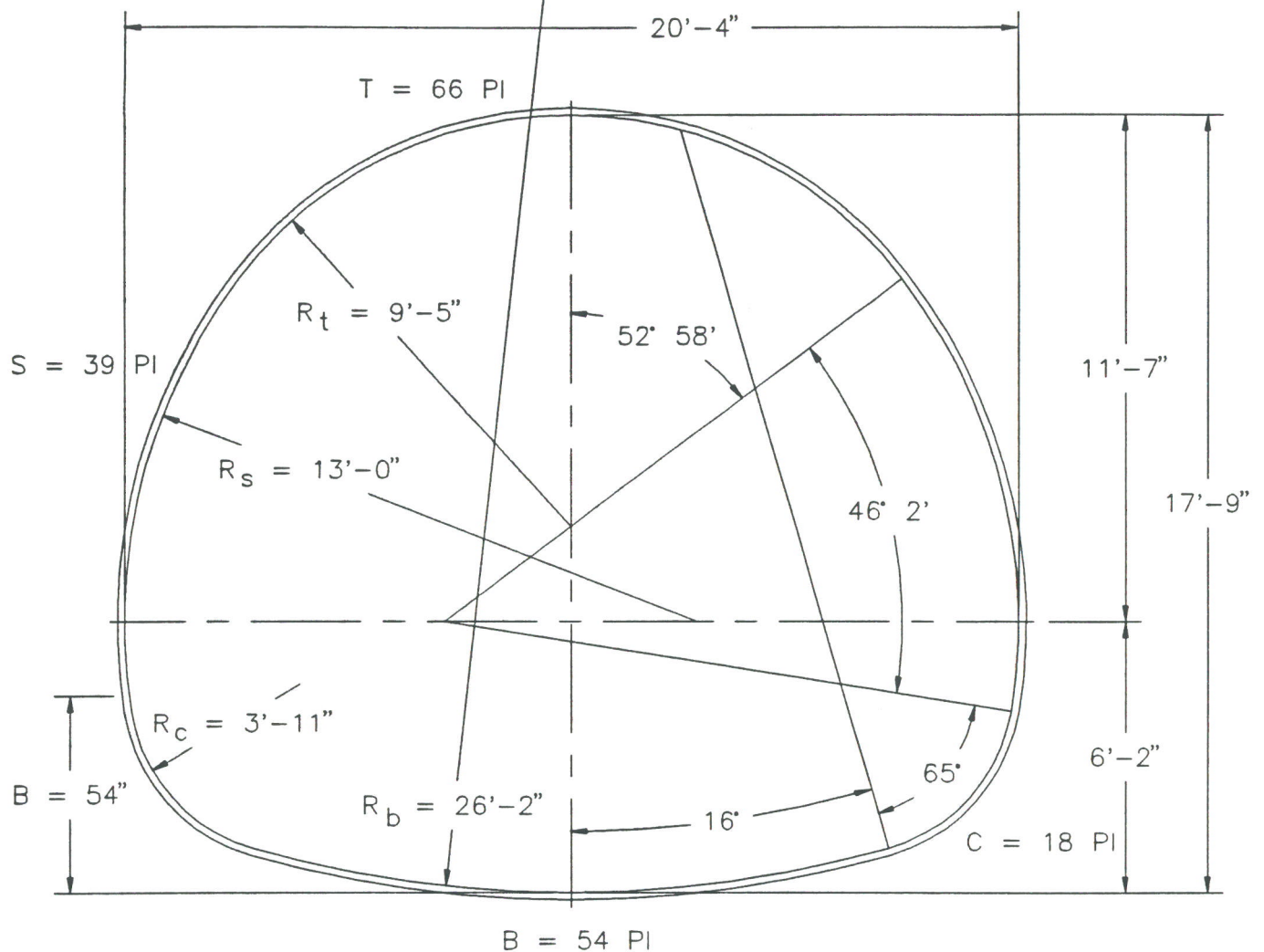


PLATE MAKE-UP:

TOP PL's: 2 @ 21, 1 @ 24 PI
 SIDE PL's: 1 @ 18, 1 @ 21 PI
 CORNER PL's: 1 @ 18 PI
 BOTTOM PL's: 3 @ 18 PI

TOTAL PL's: 7 @ 18, 4 @ 21, 1 @ 24 PI

SCALE: $1/4" = 1'-0"$

AREA = 295 SQ. FT.

NOTES:

1. ALL DIMENSIONS ARE TO THE INSIDE CORRUGATION CRESTS, UNLESS OTHERWISE NOTED.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. "B" DIMENSION IS MEASURED TO TOP OF CORNER PLATES.

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MULTI-PLATE
 UNDERPASS
 20'-4" x 17'-9"

Drawing T.R.T.
 Date: 12-21-94

Revision
 Date:

Drawing
 Number: 1009506A

UNDERPASS

Span, Ft.-In.	Rise, Ft.-In.	Area, Ft. ²	Layout Data, * Inches			
			R _t	R _s	R _c	R _b
12-2	11-0	107	67	93	38	134
12-11	11-3	116	73	95	38	144
13-2	11-11	126	73	103	38	159
13-10	12-3	136	77	108	38	164
14-1	12-10	147	77	115	38	182
14-6	13-5	158	78	130	38	174
14-10	14-0	169	79	136	38	192
15-6	14-4	180	84	138	38	201
15-9	15-1	192	83	150	38	212
16-4	15-5	204	86	157	38	215
16-5	16-1	217	88	158	38	271
16-9	16-3	224	89	167	38	247
17-3	17-0	239	90	174	47	215
18-4	16-11	252	100	157	47	249
19-2	17-2	266	105	156	47	264
19-6	17-7	280	107	158	47	297
20-4	17-9	295	113	156	47	314

* Dimensions to the nearest whole number.

Dimensions are to inside crests of corrugations and are subject to manufacturing tolerances.

