

Exc. = 4.5
Emb. = 7.2
570
96 + 50
INBOUND
C = 8
F = 13

Exc. = 20.4
Emb. = 12.0
570
96 + 00
C = 14
F = 0

Exc. = 27.5
Emb. = 2.1
570
95 + 44.53
C = 13
F = 2

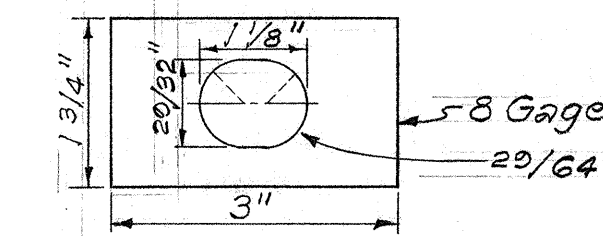
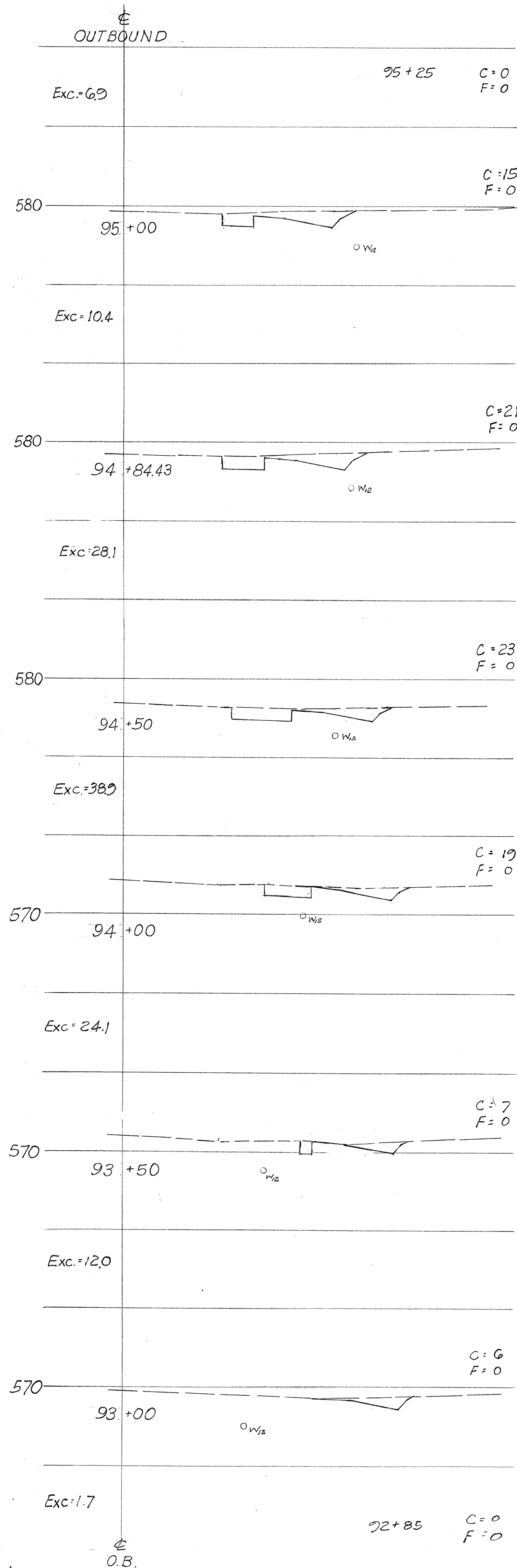
Exc. = 20.6
Emb. = 4.7
570
95 + 00
C = 1
F = 4

Exc. = 20.4
Emb. = 6.5
570
94 + 50
C = 10
F = 3

Exc. = 20.4
Emb. = 7.4
560
94 + 00
C = 10
F = 5

Exc. = 20.0
Emb. = 4.0
560
93 + 50
C = 16
F = 0

Exc. = 17.8
Emb. = 0
93 + 10
C = 15
F = 0



The drawing consists of two views: a Plan view (top) and an Elevation view (bottom).

Plan View: Shows the layout of the guard rail. It features a horizontal line representing the rail, with three vertical posts. The distance between the posts is 6'-3". The distance from the center of a post to the center of a post bolt hole is 6'-3". The distance from the center of a post to the center of a post bolt hole is 6'-3". The distance from the center of a post to the center of a post bolt hole is 6'-3". The distance from the center of a post to the center of a post bolt hole is 6'-3".

Elevation View: Shows the side profile of the guard rail. It features a horizontal line representing the rail, with three vertical posts. The distance between the posts is 6'-3". The distance from the center of a post to the center of a post bolt hole is 6'-3". The distance from the center of a post to the center of a post bolt hole is 6'-3". The distance from the center of a post to the center of a post bolt hole is 6'-3". The distance from the center of a post to the center of a post bolt hole is 6'-3".

Labels and Dimensions:

- Guard Rail Element**: Points to the horizontal rail section.
- Guard Rail**: Points to the vertical post.
- Direction of Traffic**: Indicated by an arrow pointing right.
- PLAN**: Label for the top view.
- Ground Line**: Indicated by a horizontal line with a downward arrow.
- Lap in Direction of Traffic**: Points to the overlapping section of the rail.
- ELEVATION**: Label for the bottom view.
- Wood Spacer Blocks 8"x8"x16" (34 S bevelled 1" both ends)**: Points to the blocks between the posts.
- 3/4" Hole Drilled in Wood Block. Flared End, Lap in Direction of Traffic**: Points to the hole in the spacer block.
- 2" min.**: Dimension for the distance between the blocks.
- 7 1/8"**: Dimension for the height of the post.
- 16"**: Dimension for the height of the post.
- 1"**: Dimension for the width of the post.
- Post Bolt with Wood Spacer Block - Galv. 3/8" ϕ x 18" Long Bolt, Nut and Washers. One Required per post. (Incidental to Reconstructed Guard Rail)**: Points to the bolt assembly.

Technical drawing of a mechanical part, showing a front view (left) and a side view (right).

Front View (Left): A circular cross-section with concentric circles indicating different diameters.

Side View (Right): A longitudinal section of the part with the following dimensions and features:

- Overall Length:** 18"
- Left Flange:**
 - Outer diameter: 1 3/8"
 - Inner diameter: 1 1/8"
 - Thickness: 3/8"
- Shoulder:**
 - Length: 1 1/2"
 - Outer diameter: 1 1/8"
 - Inner diameter: 1 1/8"
 - Feature: 5/8" x 7/8" Oval Shoulder
- Threaded Section:**
 - Length: 5/8" - 11 Threads
 - Outer diameter: 1 1/8"
 - Inner diameter: 1 1/8"

Edge of pav^l

4'-0" Min

6'-0"

1'-0"

MC-30 treated, 0.4 gal. per sq. yd. (incidental to A.C. Pavement, Mix No. 2)

3/4" per foot

Class B-1 Conc.

6:1

1'-0"

1'-0"

2:1



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

John M. Linn

NOTE: All elevations shown on cross-sections are approximate only. New work shall be constructed to match existing pavement elevations at the respective sections.

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

INTERSECTION IMPROVEMENTS,
KAMEHAMEHA HIGHWAY
AT WAIKALANI DRIVE (formerly
WAIHONU ST.)

PROJECT NO. 99C-03-68

Scale as shown Sept. 1967

SHEET No. 2 OF 2 SHEETS