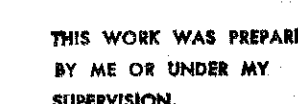
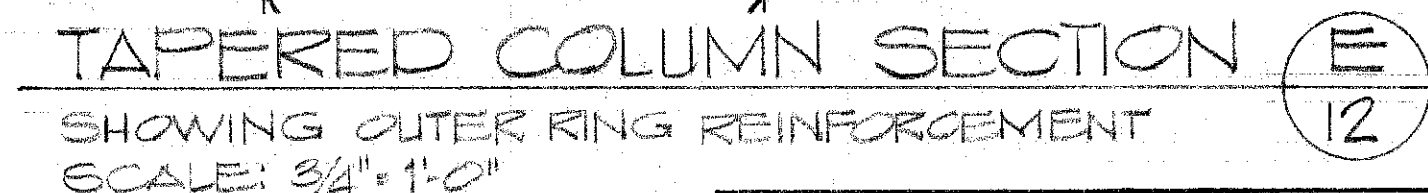
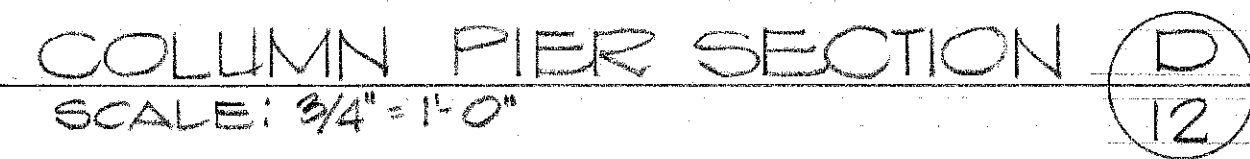
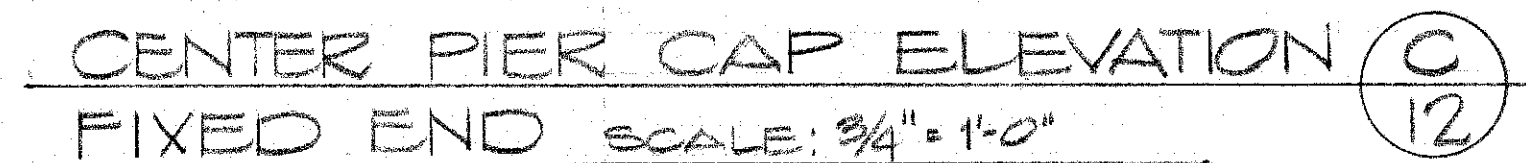
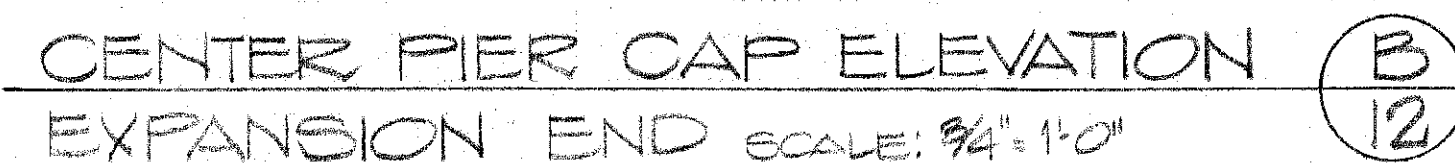
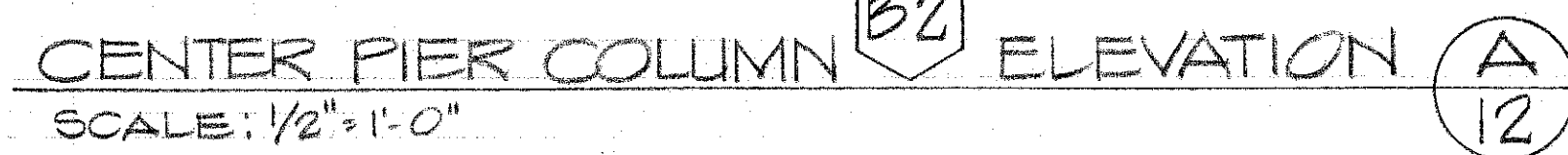


ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	" _____
	TRACED BY _____	" _____
	DESIGNED BY _____	" _____
	QUANTITIES BY _____	" _____
No. _____	CHECKED BY _____	" _____



CENTER PIER DETAIL
VINEYARD BOULEVARD
PEDESTRIAN OVERPASS
VICINITY OF PUA LANE, OAHU
PROJECT No. 98A-01-70

SHEET No. | OF | SHEETS

[illegible]

This structural drawing illustrates the cross-section of a bridge deck, detailing reinforcement and dimensions. The deck is 4'-0" wide, with a 4" minimum composite topping. The total depth of the precast tee is 34". The drawing is divided into a "FIXED END" on the left and an "EXPANSION END" on the right.

Dimensions and Spacing:

- Overall width: 4'-0"
- Top flange width: 2'-6"
- Web width: 1'-4"
- Bottom flange width: 2'-0 1/2"
- Top reinforcement spacing: 8" (center-to-center)
- Bottom reinforcement spacing: 16" (center-to-center)
- Vertical dimensions: 2'-0 1/2" (top flange), 1'-5" (web), 2'-0 1/2" (bottom flange), 4" (topping), 34" (total depth).

Reinforcement Details:

- Top Reinforcement:** 2-#6 bars at the fixed end, 2-#6 bars at the expansion end. Top continuous reinforcement is 5-#9 bars at the fixed end and 2-#4 bars at the expansion end.
- Bottom Reinforcement:** 4-#9 bars at the fixed end, 4-#4 bars at the expansion end.
- Stirrups:** #4 E.F. (End Flange) stirrups are provided in the top flange.
- Expansion Joint:** A 1" expansion joint with a pre-molded filler and continuous thru-rod is located at the expansion end.

Notes and Annotations:

- "#3 @ 12" E.W." (End Width) reinforcement is shown at the fixed end.
- "CONT. WATER STOP" is indicated at the joint.
- "PRECAST TEE & SOLE FL. - SEE FULL WELD TO BASE FL. AFTER ERECTION" (Note A15).
- "BASE FL. SEE (B13)" (Note B13).
- "2-#4 CONT. BEAM RUNNERS E.F." (End Flange).
- "4-#4 CONT. BEAM RUNNERS E.F." (End Flange).
- "4-#4 CL. TIES @ 6" (Center-to-center) (Note C14).
- "TOP TAPERED COL. EL. 40.00" (Note D14).
- "4" MIN. COMPOSITE TOPPING" (Note E14).
- "DEPTH PRECAST TEE = 34" (Note F14).
- "2-#6 HORIZ. 8' x 3/4" x 0.8' LG. NEOPRENE BEARING PAD HARDNESS 60" (Note G14).
- "#4 E.F. HORIZ. (Note H14).
- "#4 E.F. STIRR. SEE ELEV." (Note I14).
- "2-#6 TOP CONT." (Note J14).
- "2-#6 TOP CONT." (Note K14).
- "2-#6 TOP CONT." (Note L14).
- "2-#6 TOP CONT." (Note M14).
- "2-#6 TOP CONT." (Note N14).
- "2-#6 TOP CONT." (Note O14).
- "2-#6 TOP CONT." (Note P14).
- "2-#6 TOP CONT." (Note Q14).
- "2-#6 TOP CONT." (Note R14).
- "2-#6 TOP CONT." (Note S14).
- "2-#6 TOP CONT." (Note T14).
- "2-#6 TOP CONT." (Note U14).
- "2-#6 TOP CONT." (Note V14).
- "2-#6 TOP CONT." (Note W14).
- "2-#6 TOP CONT." (Note X14).
- "2-#6 TOP CONT." (Note Y14).
- "2-#6 TOP CONT." (Note Z14).

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60

SECTION C
SCALE: 3/4"=1'-0"

SEE SHEET #5 FOR SPACING DIMENSIONS

TYPICAL SPACING FOR POST & BALUSTER

3" 5" 3 1/2" 5" 5" 5" 5" 5" 3 1/2" 3 1/2" 5" 5"

1/2" EXP. JT. (ENCLOSED ENDS)

HANDRAILS REQUIRED AT RAMP SLOPE ONLY

TOP CONC. SLAB

AT RAMP

TOP CURB

1" EXPANSION JT. PREMOULDED JOINT

[illegible]

REFERENCE TOP OF PIER CAP

FACE OF PIER CAP

96"

36"

114"

36"

36"

42"

108"

HORIZONTAL GROOVE AT
CENTER PIER CAP
FULL SCALE

AT RAMP

TOP CURB

1" EXPANSION JT. PRECASTED FILLER CONT. THRUOUT.

2-#5] EA. FACE

FIXED END

#4] 1'-6" HORIZ.

5-#9] 11'-6" TOP CONT.

2-#] 1'-6" HORIZ.

4-#9] 11'-6" BOT. CONT.

8'

2'-0 1/2"

2'-7 1/2"

1'-1/4"

#4] 9'

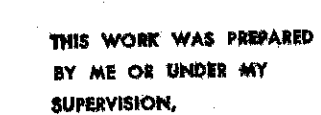
EX. EN.

RE. OF.

8"

ELEV. SCALE

NOTE: ALL TOP & BOT. RAIL & POST TO BE STRUCTURAL TUBING & AS OTHERWISE NOTED ALL INTERSECTING BARS TUBING TO BE FULL WELD & GRIND SMOOTH. RAILING ASSEMBLAGE TO BE GALVANIZED SEE GENERAL NOTES. PAINTING FOR METAL HANDRAIL - SEE SPECIAL PROVISIONS. PAINTING INCIDENTAL TO METAL HANDRAIL & WILL NOT BE PAID FOR SEPARATELY.



Armed P. Lo
Signature

CENTER PIER DETAIL
VINEYARD BOULEVARD
PEDESTRIAN OVERPASS
VICINITY OF PUA LANE, OAHU
PROJECT NO. 98A-01-70

SHEET No. 2 OF 2 SHEETS