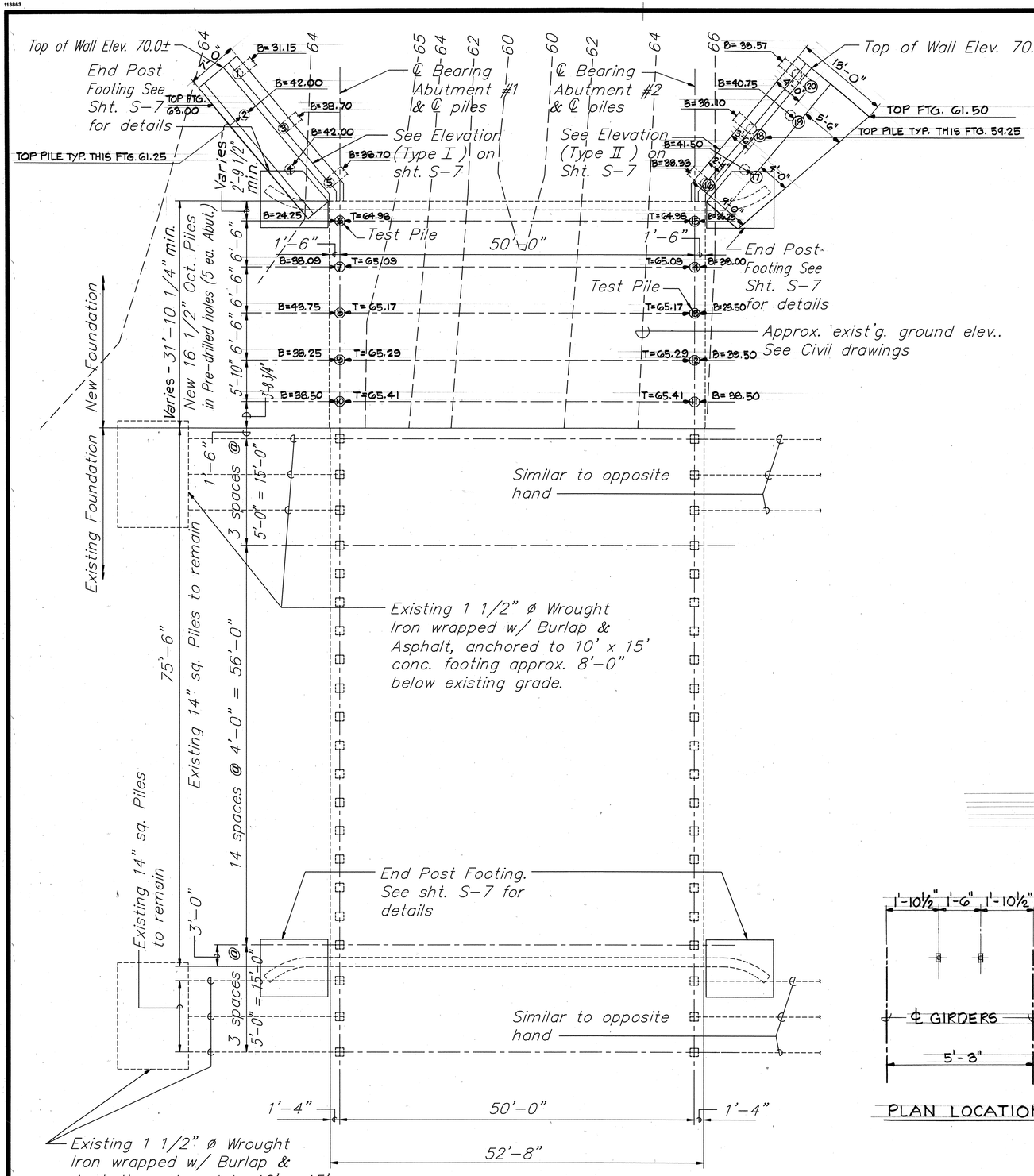

FOUNDATION PLAN

Scale: 1/8" = 1'-0"

STRUCTURAL NOTES

1. Design Specifications: Standard Specifications for Highway Bridges, 13th Edition 1983 and subsequent Interim Specifications, adopted by AASHTO.
2. Traffic Design Live Load: HS-20-44
3. Design Specifications:
   a. Class ~~A~~ BD Concrete: fc' = ~~3,000~~ 3,750 ksi
      fc = 1,200 psi
      n = ~~10~~ 9
   b. Reinforcing Steel: fs = 20,000 psi
   c. Design method for Reinforced Concrete: 'Working Stress design
   d. Prestressed Concrete: fc' = 6,000 ksi
   e. Prestressing Steel: fs' = 270,000 psi
4. General Notes: See Standard Plan B-01
5. For additional details for Joints, Structure Excavation & Backfill Pay Limits, Prestressed Concrete Piles, Chain Link Fence, and Metal Guardrail, see Standard Plans B-01, B-03, B-12, B-13, D-01, TE-50, TE-51 and TE-55.
6. The elevation of the new bridge deck, abutment, footings etc., shall be determined by the Contractor after exposing the existing bridge concrete slab. The top of the new bridge slab extension shall match the top of existing bridge slab elevation and slope. Contractor shall submit new bridge deck, abutment, girder concrete seat, and footing elevations for review by the Engineer prior to starting construction of the project.
7. Prestressed girder lengths are horizontal measurements. Actual lengths to be determined by the Contractor. See Civil drawings for horizontal and vertical grade data.

PLAN LOCATION

ELEVATION

GALVANIZED STEEL TUBE DETAIL FOR HINGE DOWEL AT ABT. #1

1 / S-1A

S-5, S-6

Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

HAROLD TAKASHI MIYAMOTO
REGISTERED PROFESSIONAL ENGINEER
No. 1514-S
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

DSGN.	DRWN.	CHKD.	APPD.
L.S	G.K	V.C	H.T.M

KEY PLAN / NOTES :

NO.	DATE	REVISIONS

RECORD DRAWINGS

This record drawing has been prepared, in part, based upon information furnished by others. The Engineer is thus not responsible for the accuracy of this record drawing or for any errors or omissions which may have been incorporated into it as a result.

Date: July 12, 1991

PROJECT TITLE :

HANA HIGHWAY IMPROVEMENTS

PROJECT NO. :

STATE PROJ. NO. AM-1061-12
AIP PROJ. NO. 3-15-0006-11

SHEET TITLE :

FOUNDATION PLAN AND STRUCTURAL NOTES

DATE : 10-3-89

DWG. NO. : S-1A