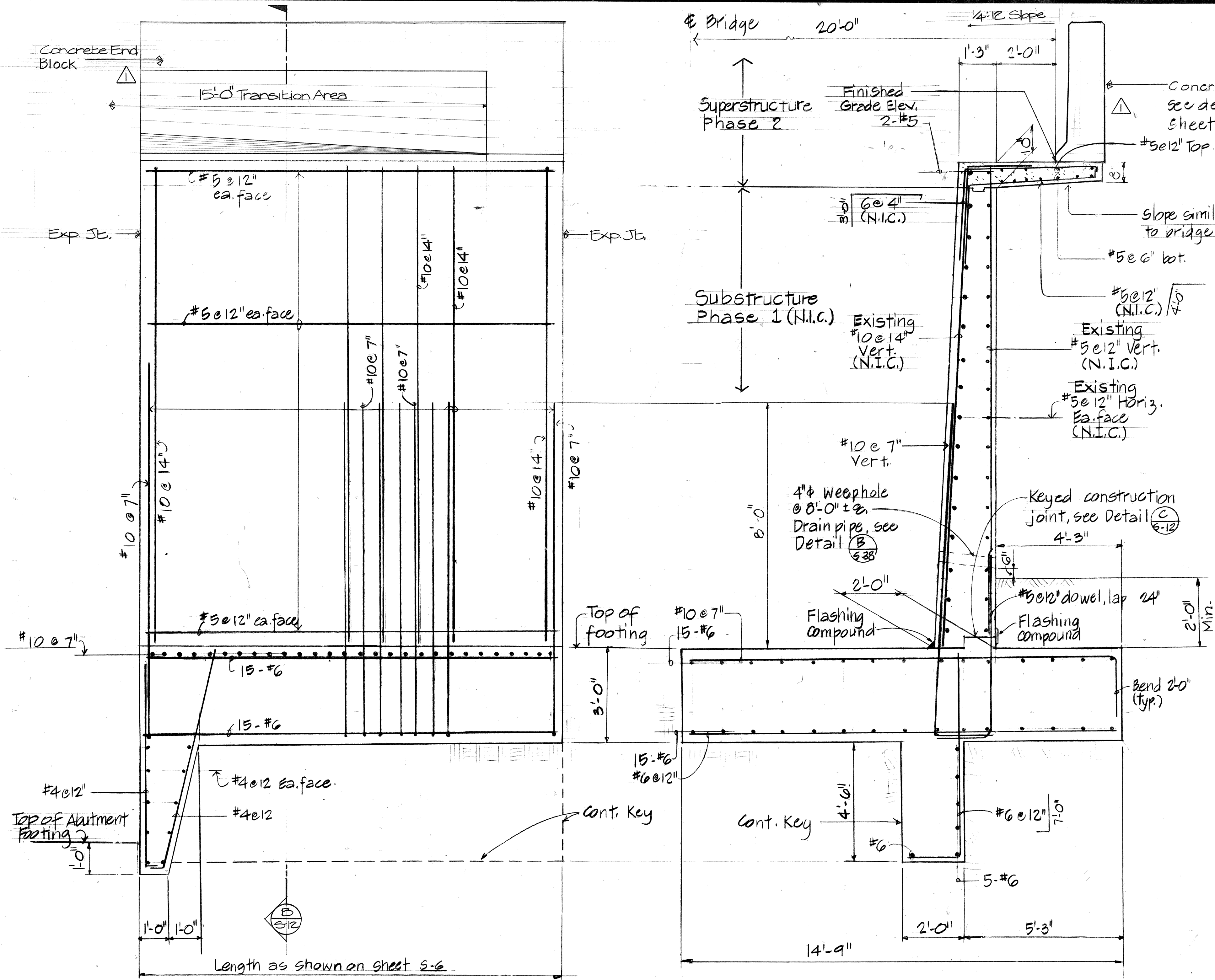


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-05H(8)	1986	33	62



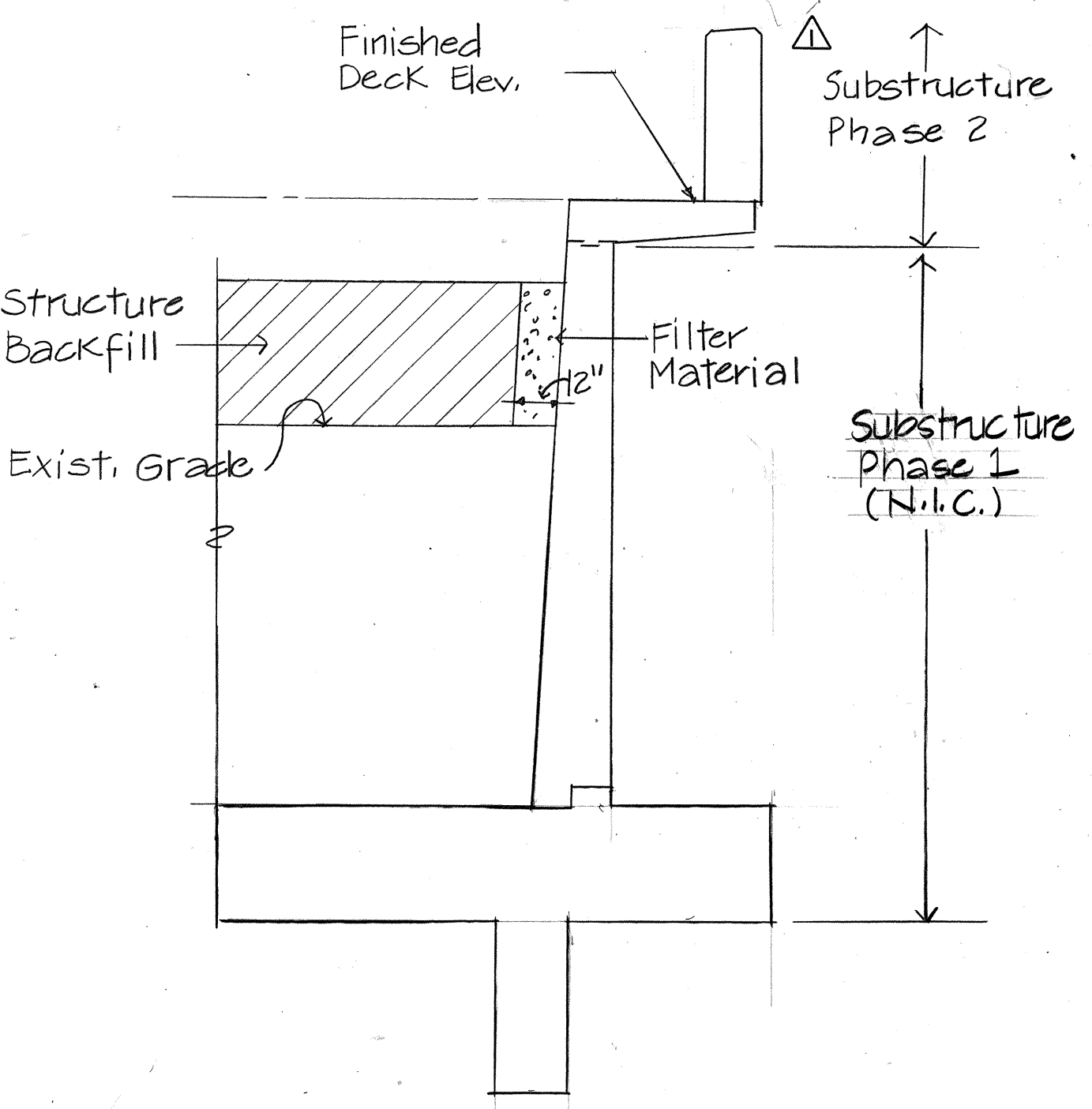
EARTH FACE ELEVATION (A)
Scale: 1/2" = 1'-0"

SECTION (B)
Scale: 1/2" = 1'-0"

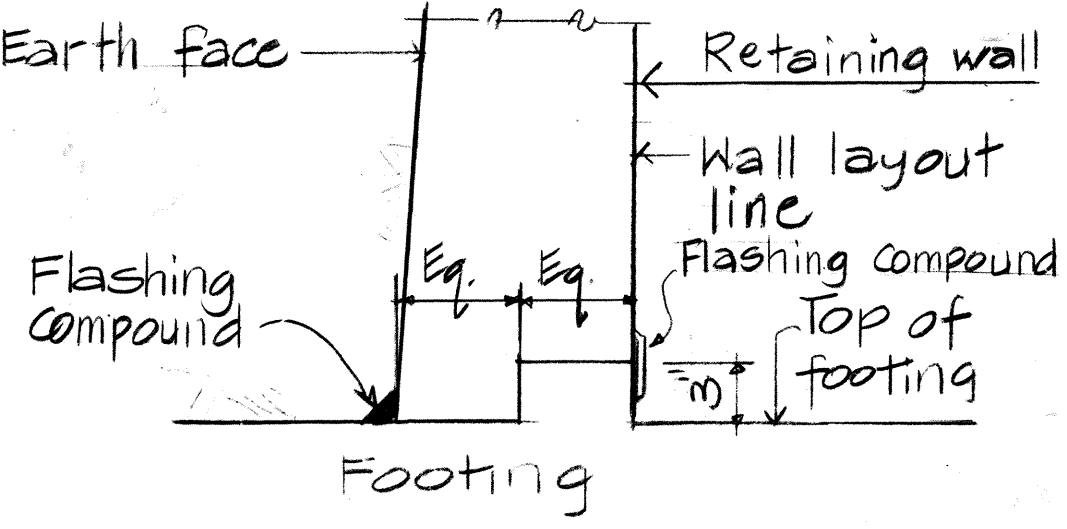
RETAINING WALL

Design Criteria

- Allowable soil bearing pressure 4000 psf
- Equivalent fluid pressure (Active) 45 psf
- Friction factor (sliding) 0.4
- Unit weight of backfill 130 pcf
- Equivalent fluid pressure (passive) 220 pcf acting on Key only.



STRUCTURE BACKFILL
N.T.S.



KEYED JOINT DETAIL (C)
N.T.S.

11-4-87 Revised End Block to Accomodate Transition & Installation of Rubrail.

DATE REVISION



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Myron Ukeda
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
RETAINING WALL
SECTIONS & DETAILS
HANAMAULU VIADUCT
HANAMAULU-AHUKINI CUTOFF ROAD
Ahukini Road to Kaula Hardwoods
PROJECT NO. F051-1(8)

SCALE: AS SHOWN DATE: JULY 1985
SHEET NO. S-12 OF S-39 SHEETS

DATE	11-4-87
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	