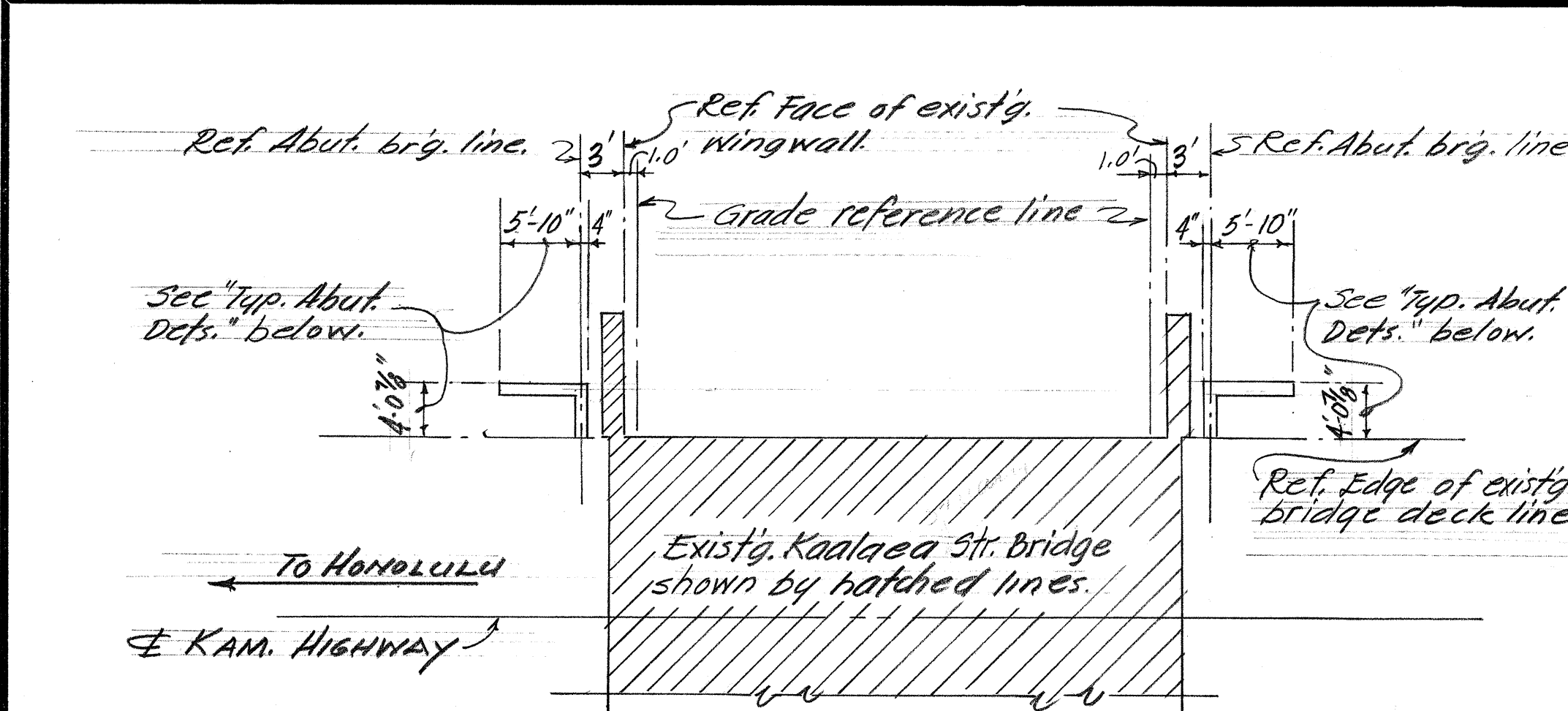
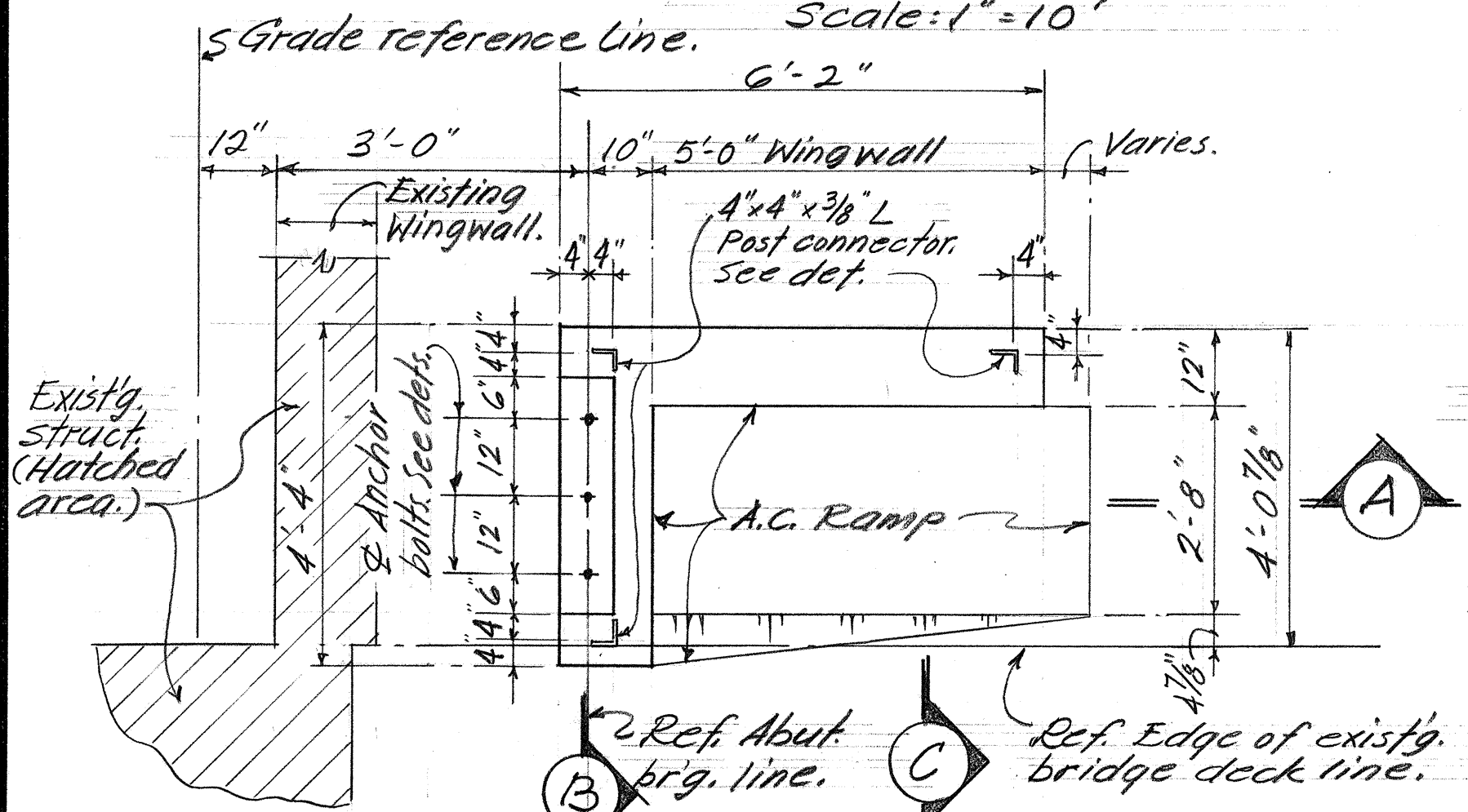


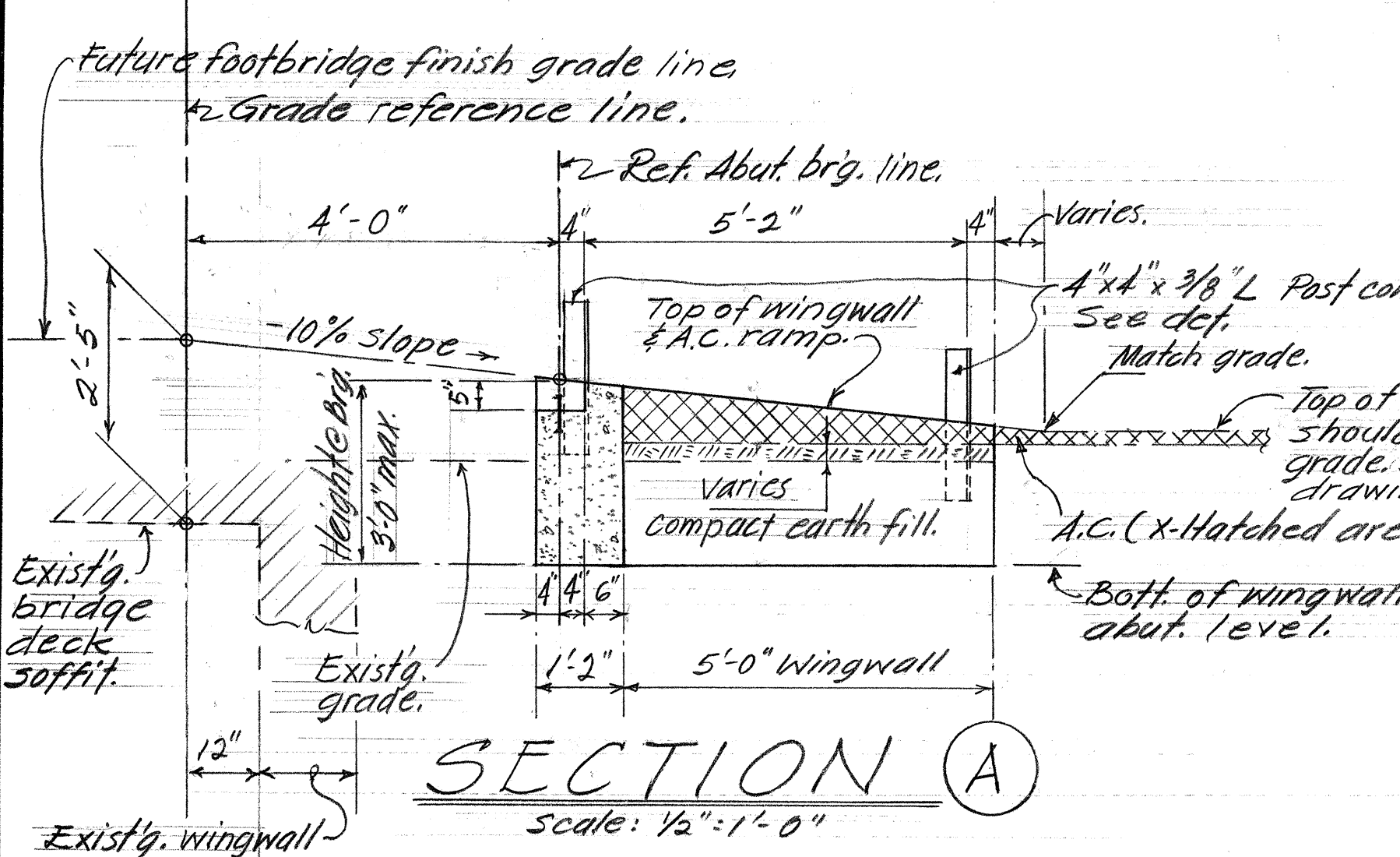
DATE	7/31/74
DESIGNED BY	TRACER
CHECKED BY	TRACER
NO.	1



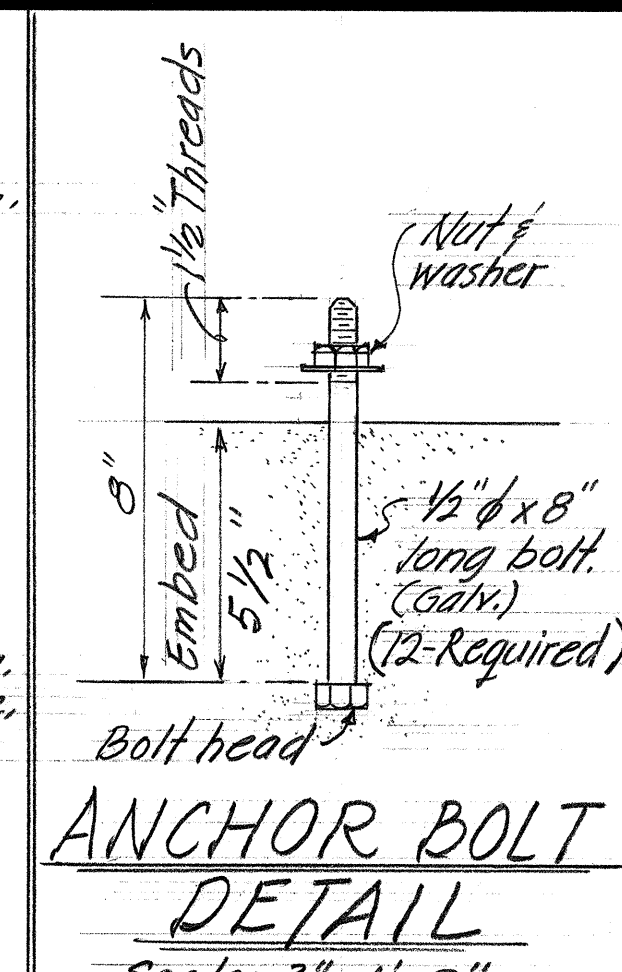
ABUTMENT LOCATION PLAN
Scale: 1" = 10'



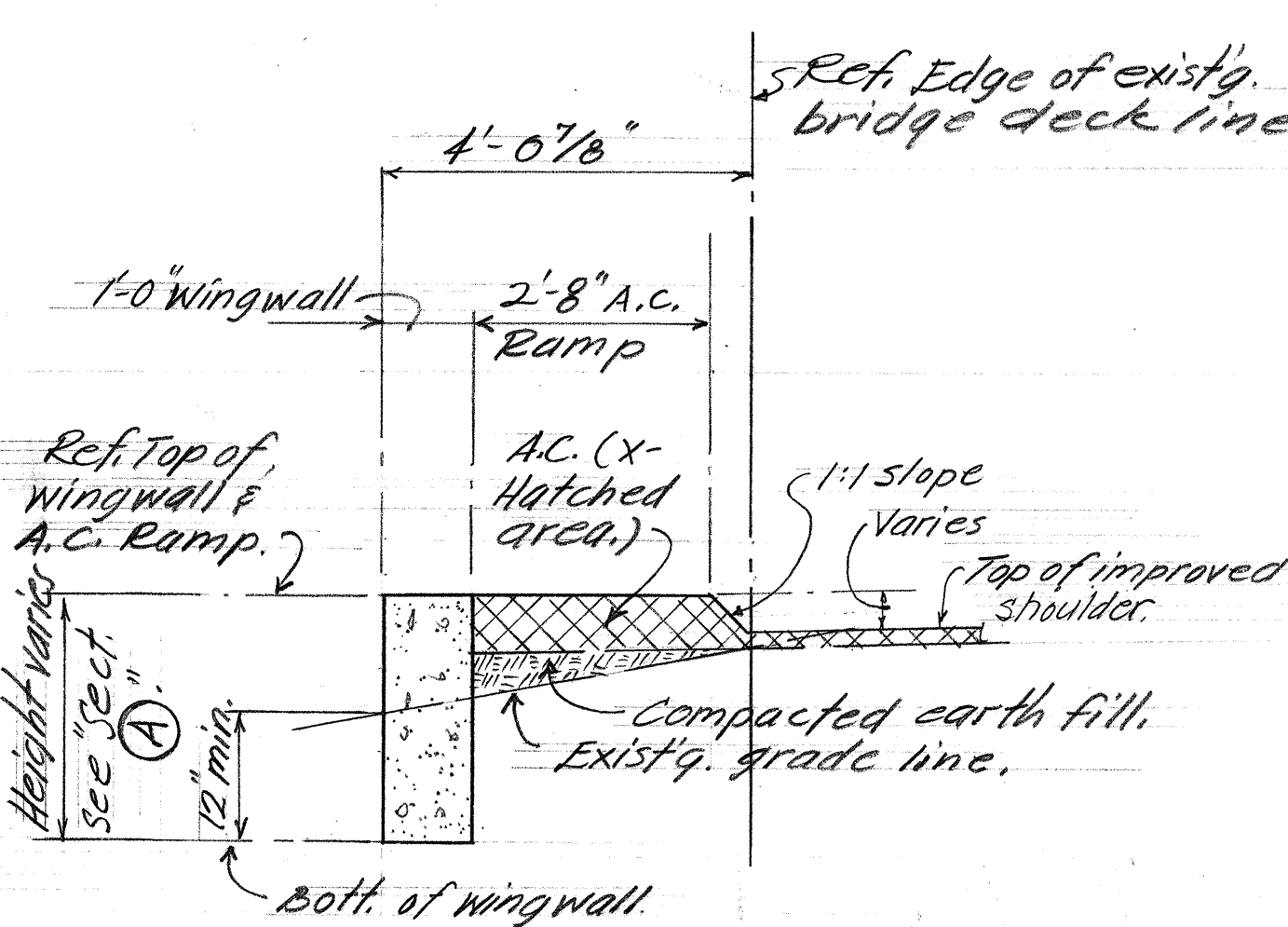
TYPICAL ABUT. PLAN
Scale: 1/2" = 1'-0"



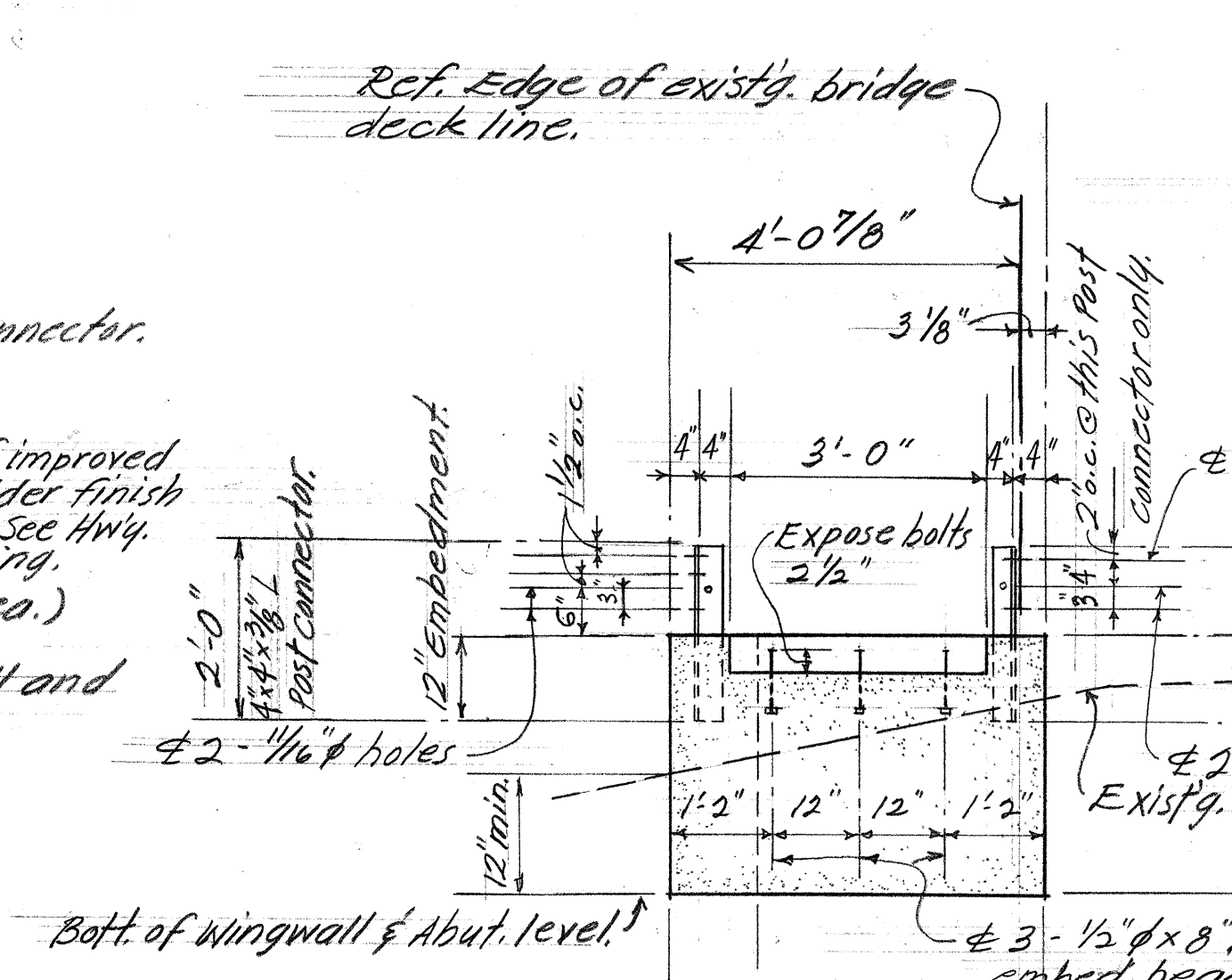
SECTION A
Scale: 1/2" = 1'-0"



ANCHOR BOLT DETAIL
Scale: 3" = 1'-0"



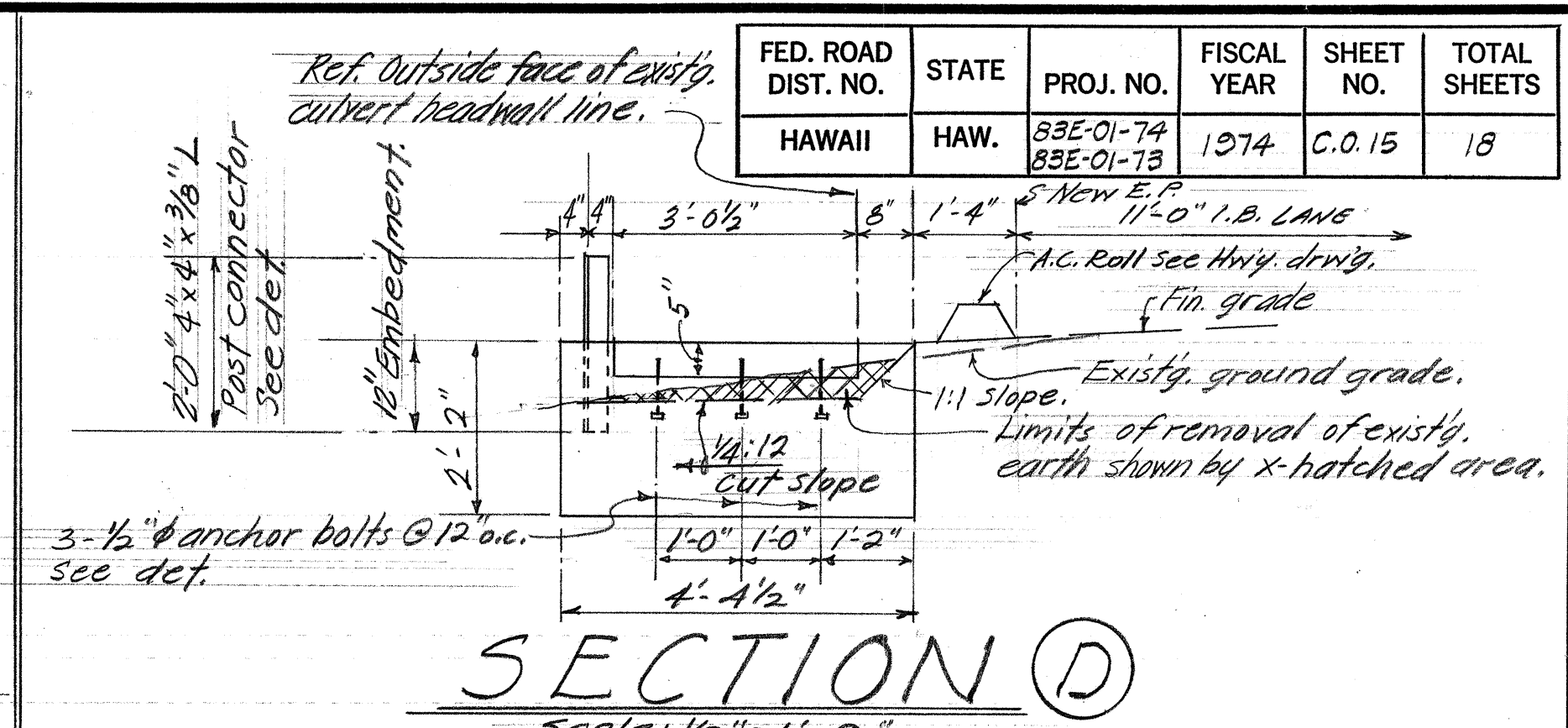
SECTION C
Scale: 1/2" = 1'-0"



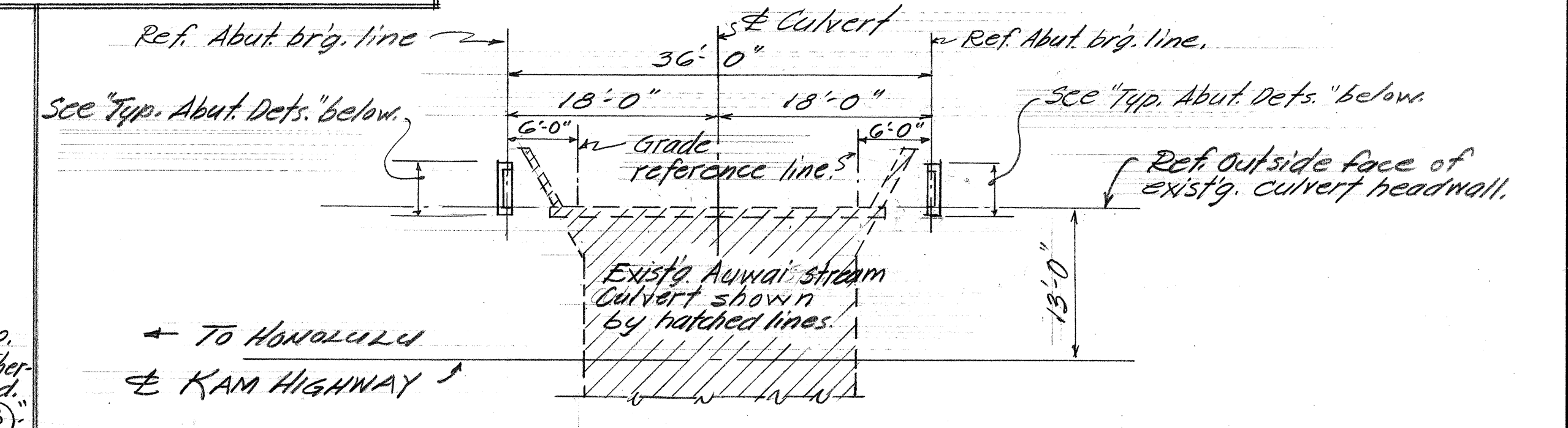
SECTION B
Scale: 1/2" = 1'-0"

GENERAL NOTES

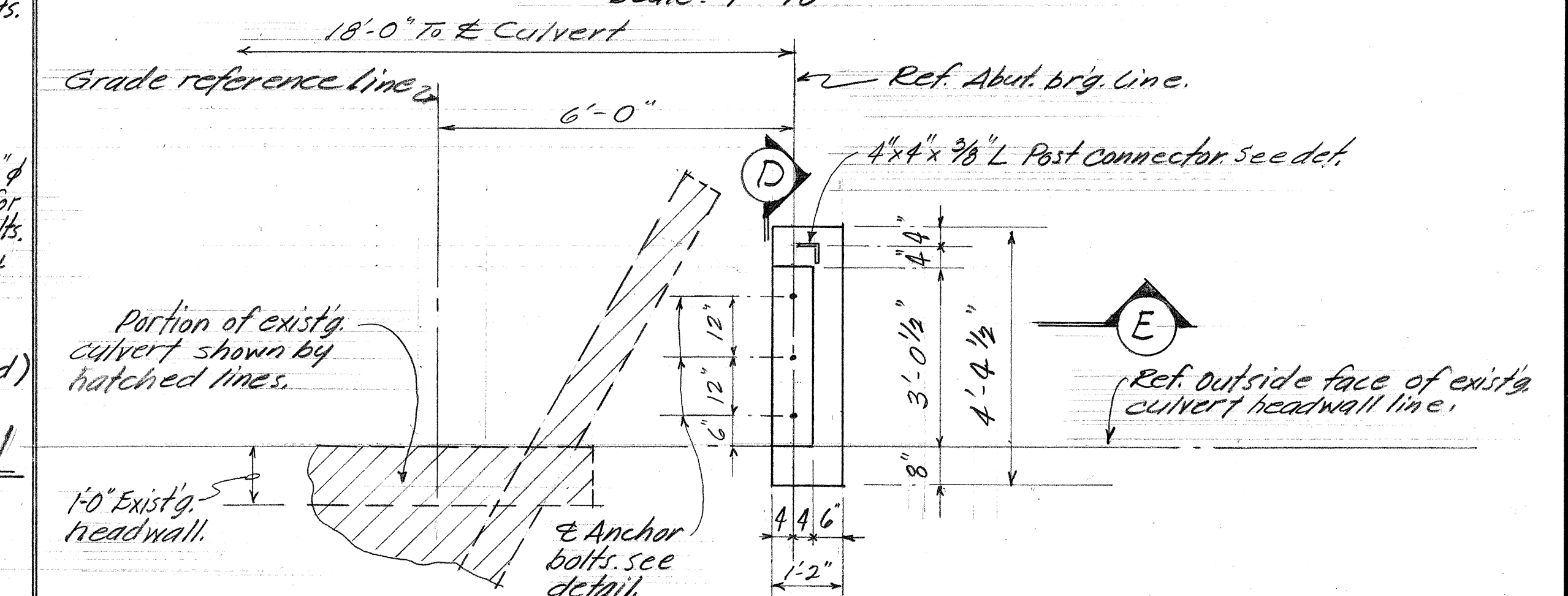
All concrete to be Class B concrete.
All structural steel, including bolts, nuts and cut washers shall be galvanized.
It shall be the responsibility of the contractor to verify the locations of all existing utility lines and details of existing conc. bridge structure before construction of footbridge abutments. All dimensions indicated on the Plans shall be verified in the field by the contractor.
Backfill and dressing of approaches to footbridge abutts. shall be limited to 5 feet beyond end of abutment except otherwise noted on Plans.
Abut. Barricade not shown in this sheet. See sht. # 2 for "Typ. Abut. Barricade Details."



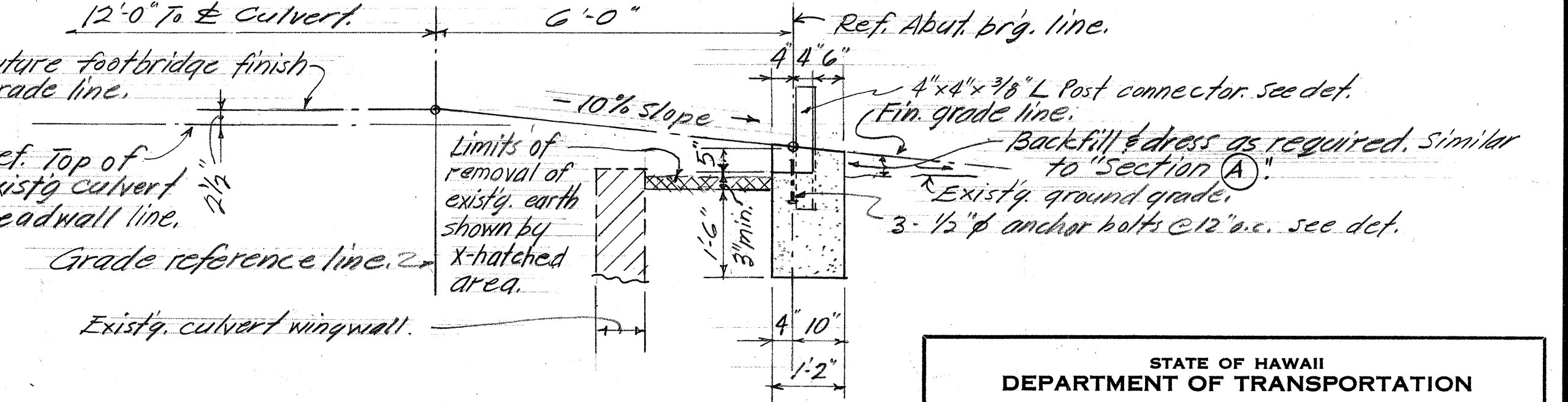
SECTION D
Scale: 1/2" = 1'-0"



ABUTMENT LOCATION PLAN
Scale: 1" = 10'



TYPICAL ABUT. PLAN scale: 1/2" = 1'-0"



SECTION E
Scale: 1/2" = 1'-0"

FOOTBRIDGE ABUT. DETAILS FOR EXIST'G. AUWAI STREAM CULVERT @ STA 439+50

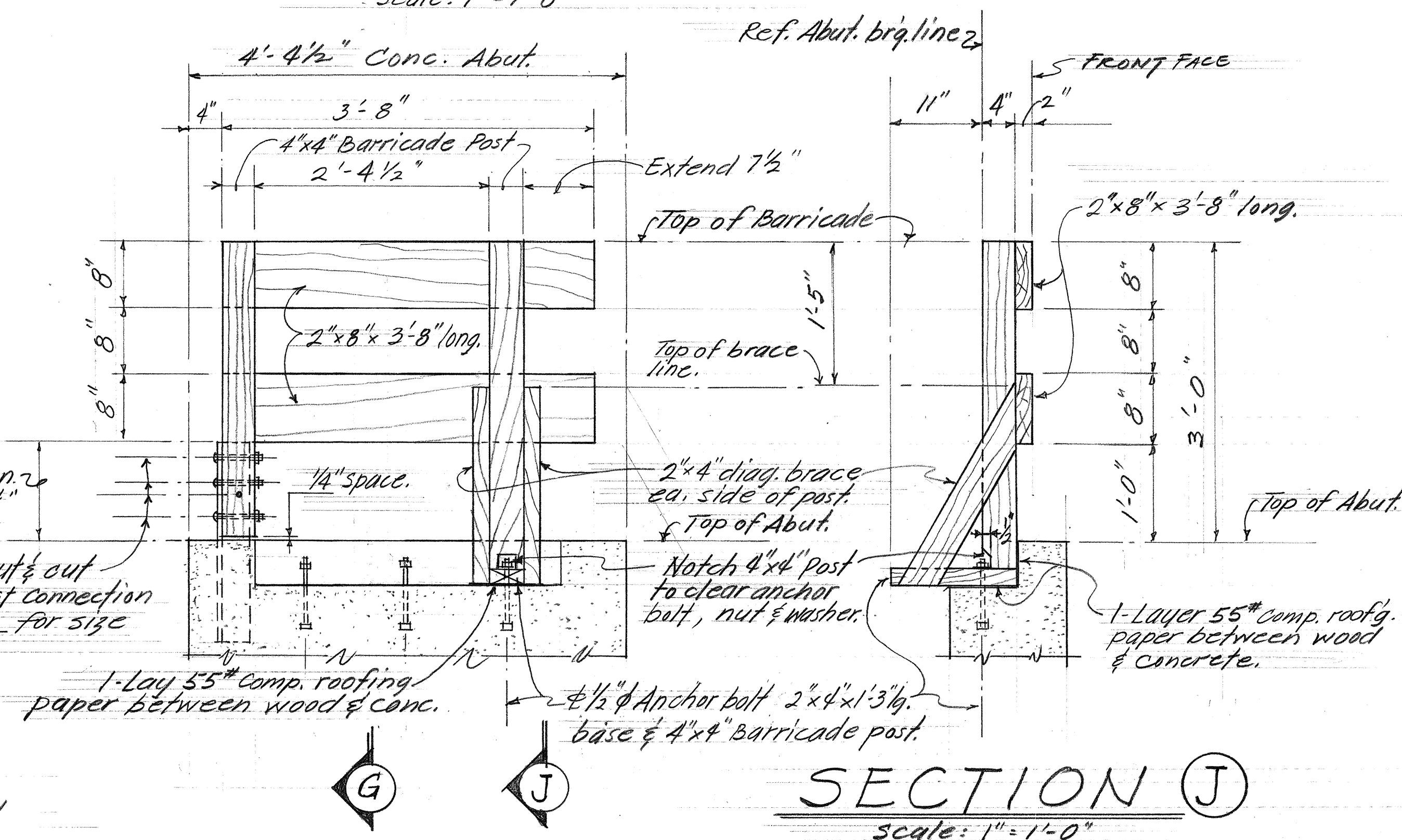
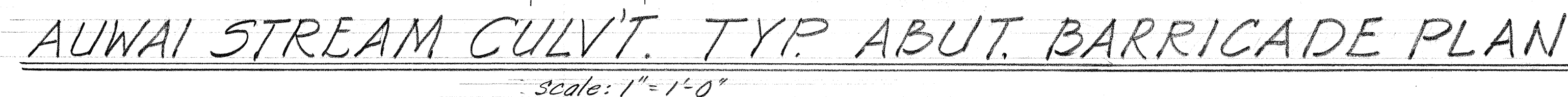
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
KAM. HWY. WIDENING FOOTBRIDGE ABUTMENTS @ KAALAEA STREAM BRIDGE & AUWAI STREAM CULVERT @ 439+50 Proj. # 83E-01-73 Scale as shown Date: July, 1974
SHEET NO. 1 OF 2 SHEETS

KAALAEA STREAM BRIDGE ~ FOOTBRIDGE ABUTMENT DETAILS

7/31/74	This sheet replaces sht. N ^o 15, 16, 17 & 18.
DATE	REVISION

NOTE:

Sheet Nos. 17 & 18 have been deleted from this project. Work has been incorporated into Project No. 83E-01-73 Phase II.



- ① The Contractor shall construct, install and maintain the wood barricades at the locations shown on the Plans.
- ② The permanent wood barricades shall be left in place or relocated upon completion of the project as ordered by the Engineer and are to become State property.
- ③ The orange and white stripes shall slant downward toward the side on which traffic is to pass and shall be reflectorized.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KAM. HW'Y. WIDENING
TYP. FOOTBRIDGE ABUT.
BARRICADE DETAILS

Proj. #83E-01-73
Scale as shown Date: July, '74

SHEET NO. 2 OF 2 SHEETS