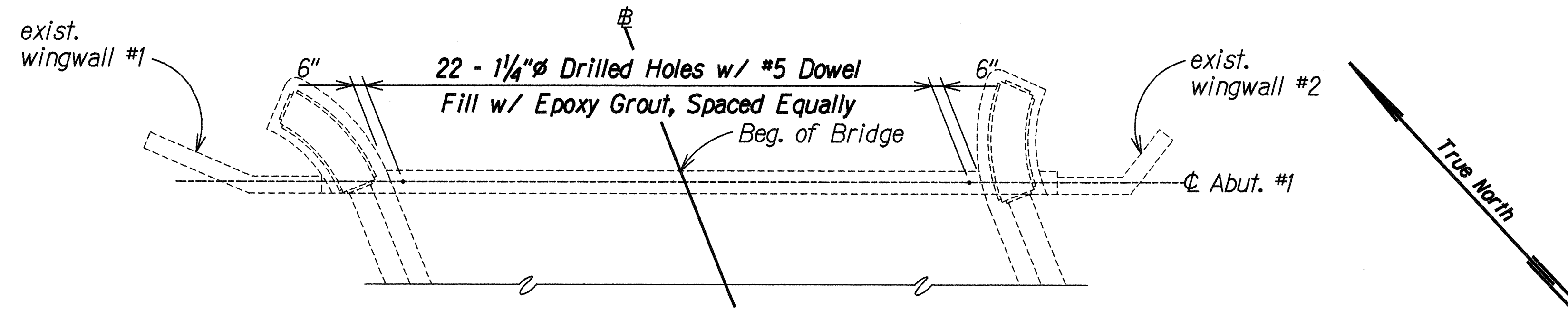
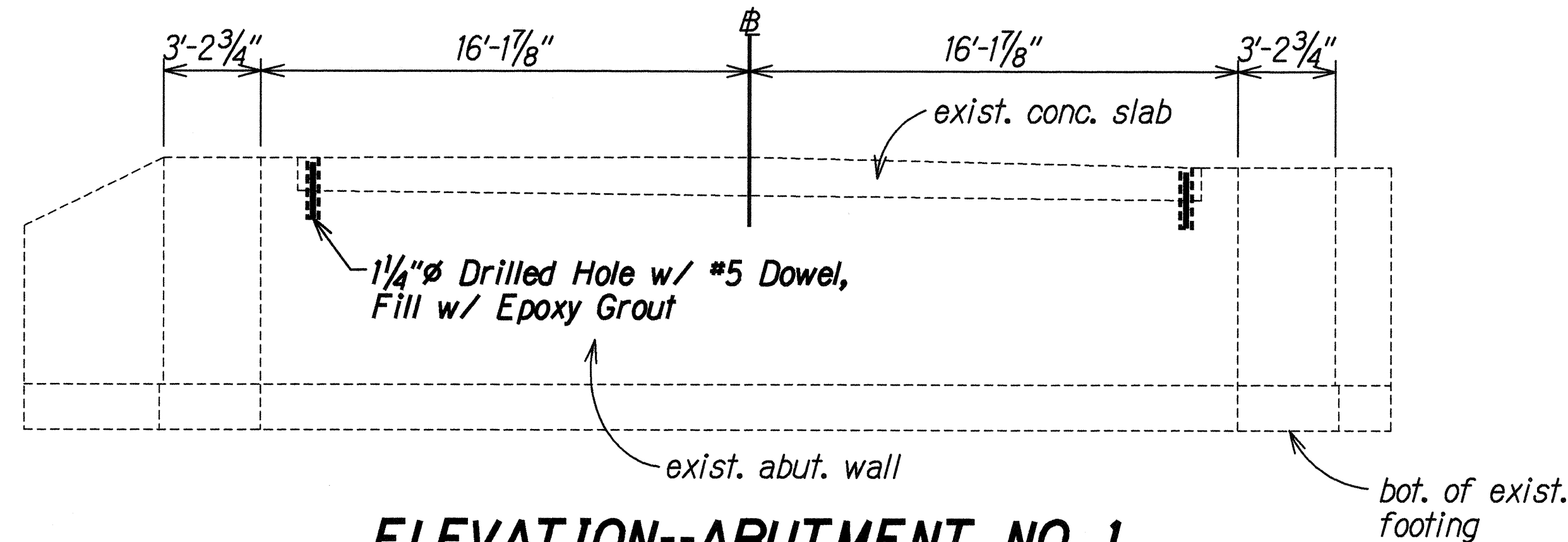


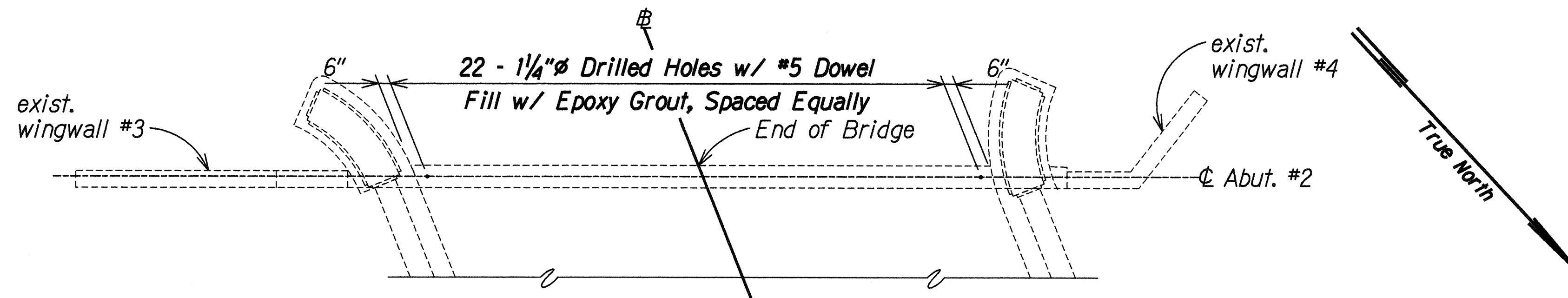
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-0100(58)	1998	13	16



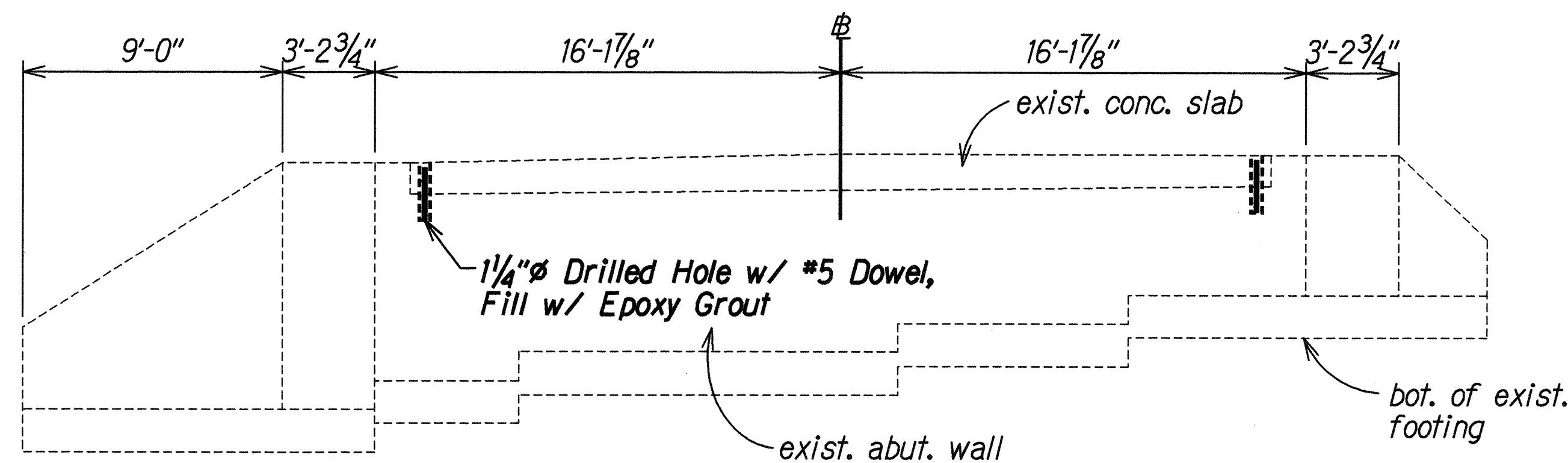
PLAN--ABUTMENT NO. 1
Scale: 1/4" = 1'-0"



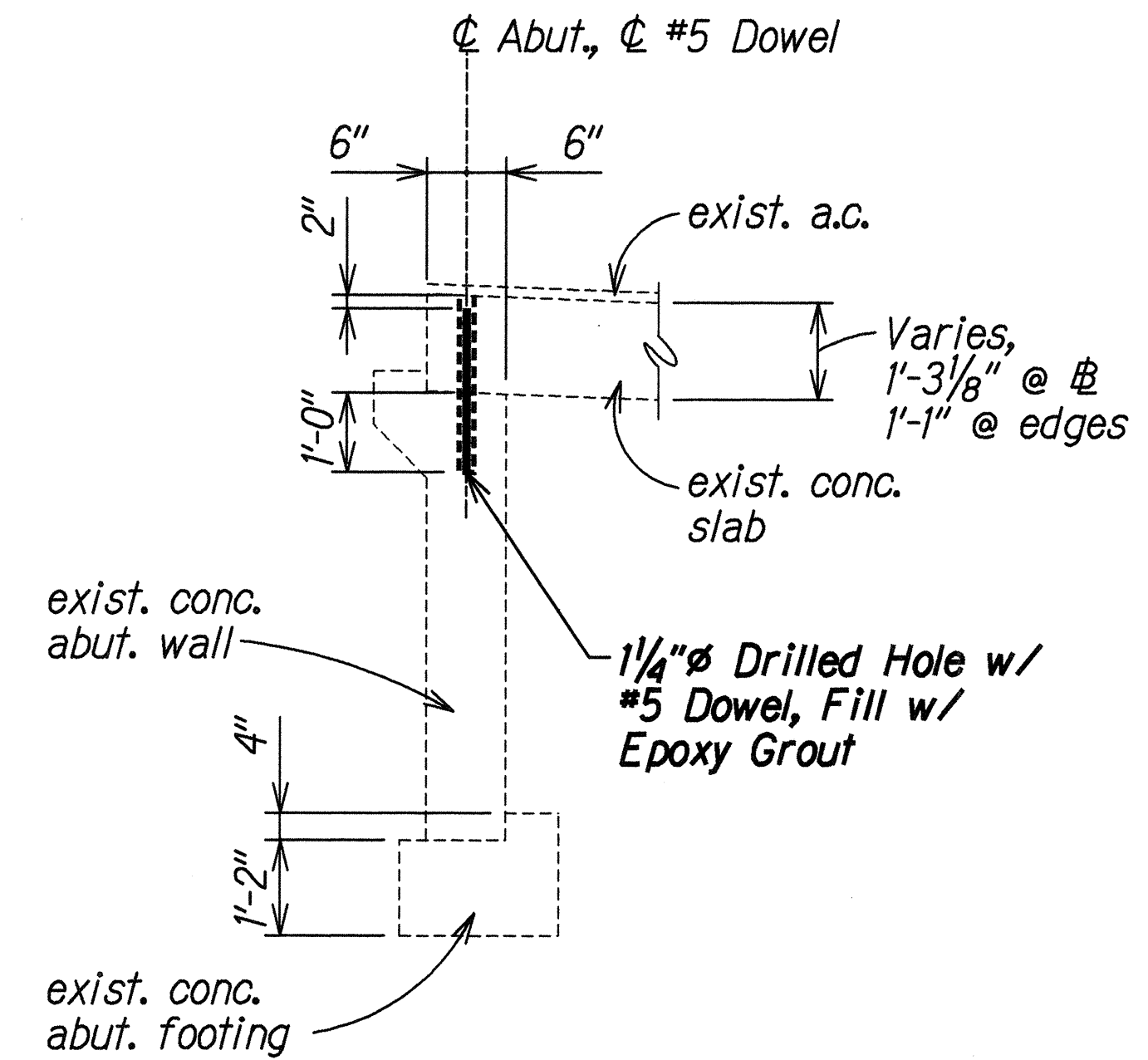
ELEVATION--ABUTMENT NO. 1
Scale: 1/4" = 1'-0"



PLAN--ABUTMENT NO. 2
Scale: 1/4" = 1'-0"



ELEVATION--ABUTMENT NO. 2
Scale: 1/4" = 1'-0"



TYPICAL ABUTMENT SECTION
Scale: 1/2" = 1'-0"

ORIGINAL PLAN	DATE	BY
NOTE BOOK	DATE	BY
CHECKED BY	DATE	BY



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
SIGNATURE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PAAAU BRIDGE
ABUTMENT NO. 1 AND NO. 2
RETROFIT DETAILS
SEISMIC RETROFIT OF VARIOUS BRIDGES
VICINITY OF PUNALUU
Fed. Aid Project No. BR-0100(58)
Scale: As Noted Date: Sept. 1997
SHEET No. 510 OF 16 SHEETS