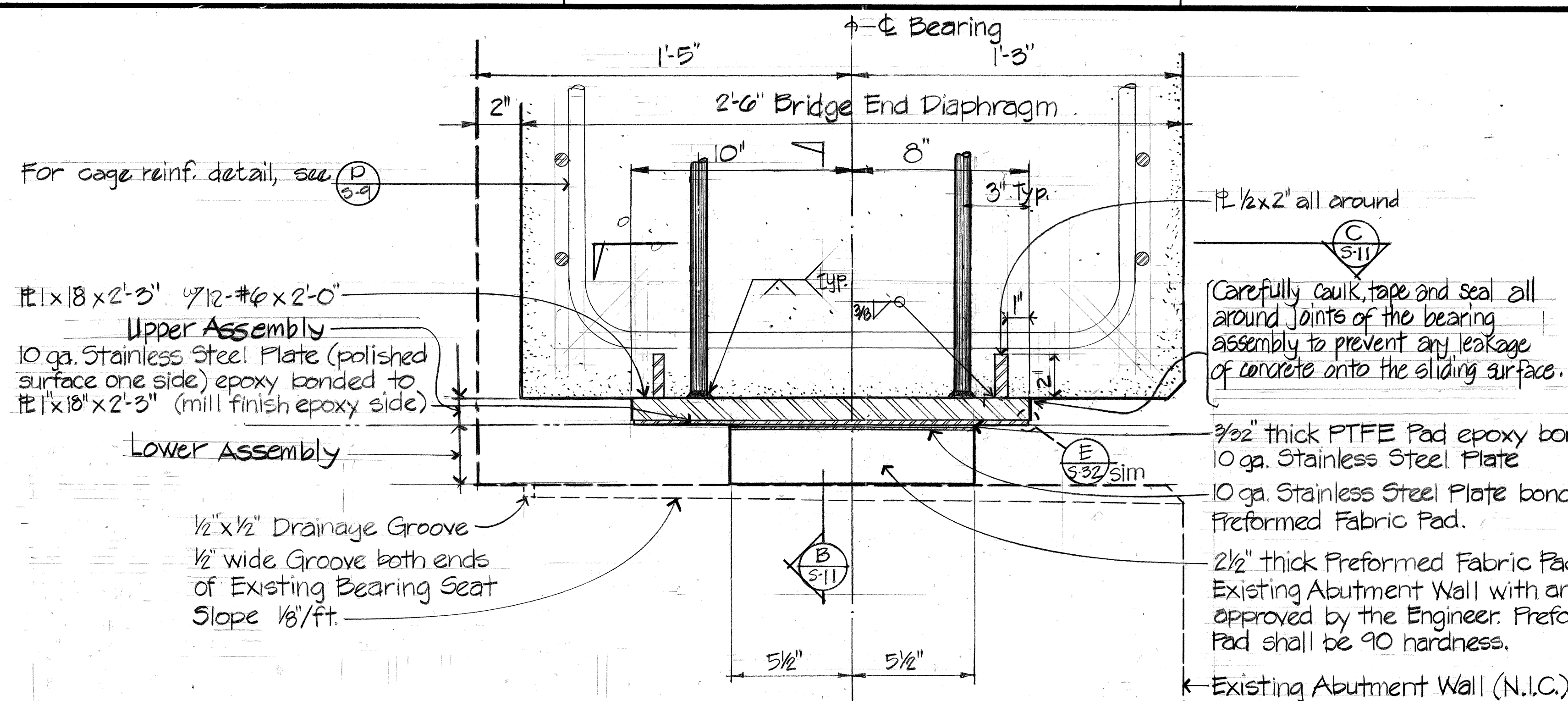


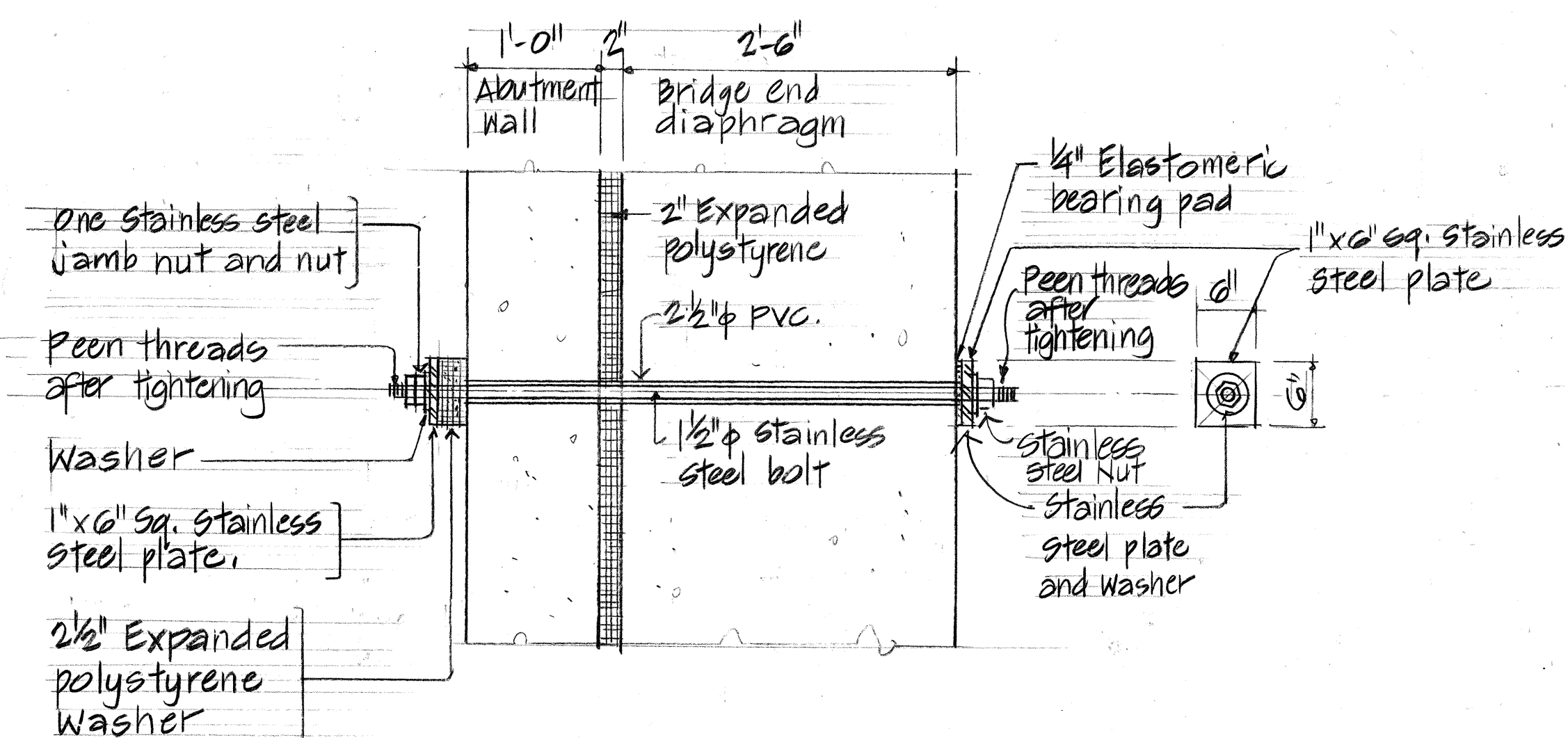
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1 (8)	1986	32	62



BEARING PAD DETAIL

@ ABUTMENT

Scale: 3" = 1'-0"

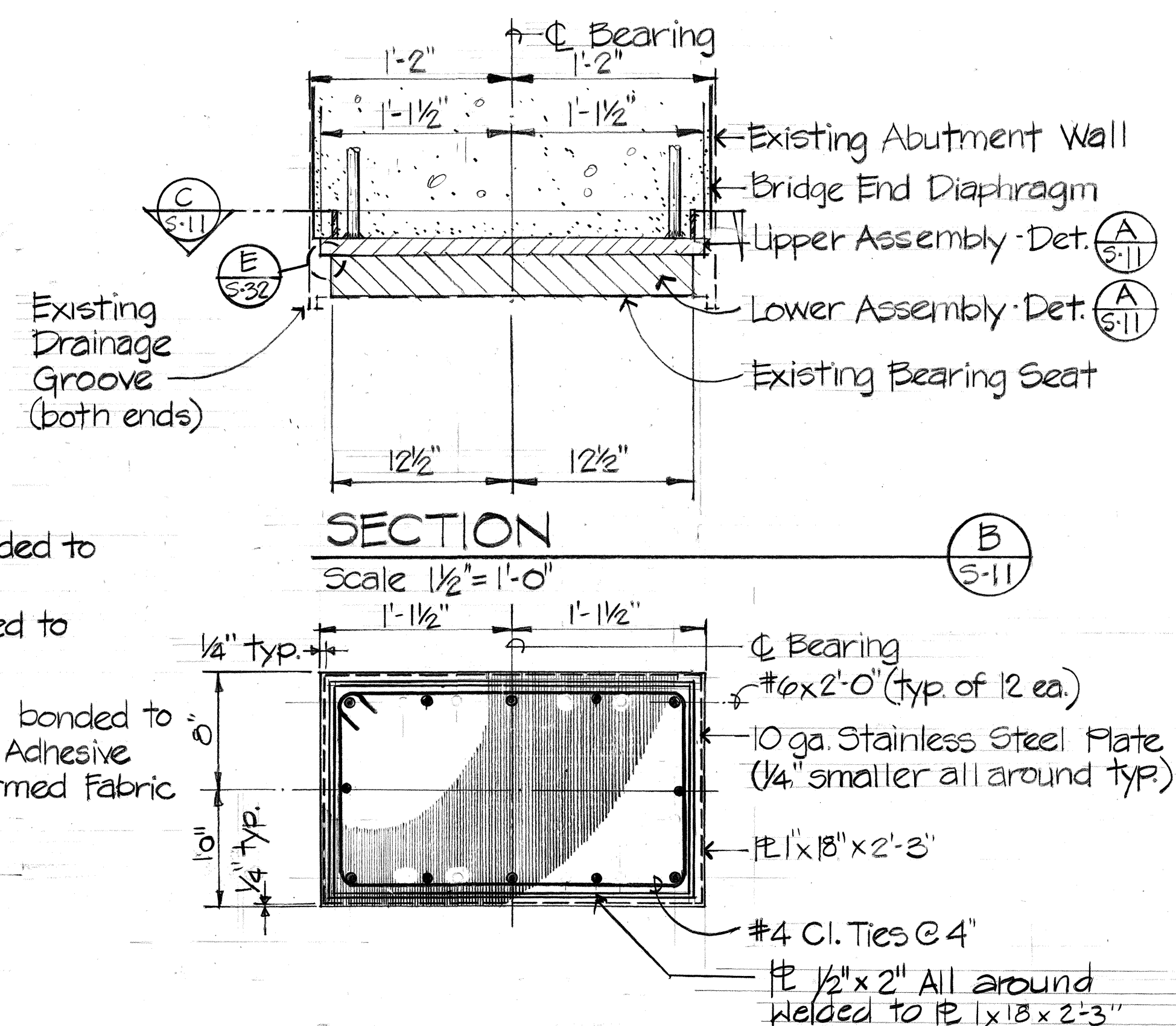


LONGITUDINAL RESTRAINER DETAIL

Scale: 1" = 1'-0"

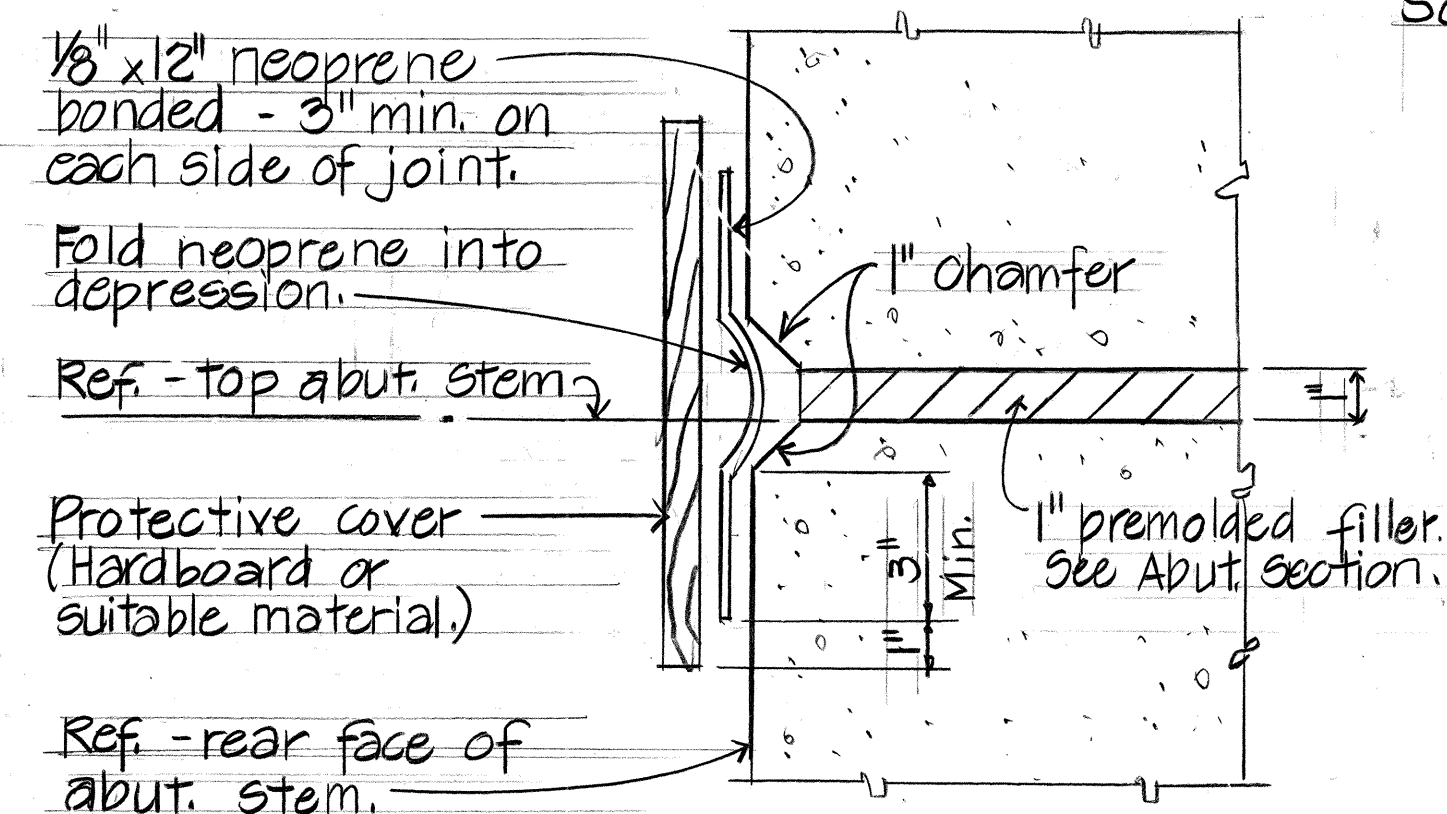
Note:

Nuts shall not be tightened until a minimum 30 days after all post tensioning operations have been completed. Nuts shall be tightened only enough to allow the polystyrene to be in contact with the plate washer and the polystyrene shall not be compressed to less than $2\frac{1}{2}$ " thickness. Restrainer shall be considered incidental to Concrete in Hanamaulu Viaduct.



UPPER ASSEMBLY PLAN

Scale: $\frac{1}{2}'' = 1'-0''$

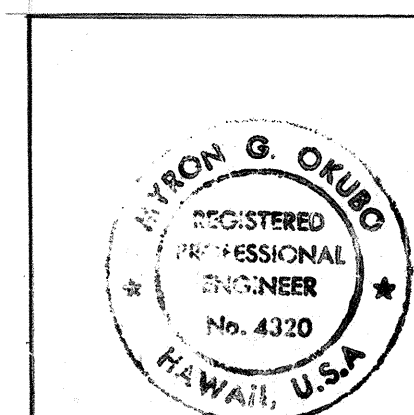


Note: Waterproofing assemblage incidental to concrete in Hanamaulu Viaduct.

TYPICAL WATERPROOFING DETAIL

Not to scale:

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



THIS WORK WAS PREPARED BY ME OR
UNDER MY SUPERVISION.

Myron Okun

DATE	REVISION
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

ABUTMENT BEARING & RESTRAINER DETAILS

HANAMAULU VIADUCT
HANAMAULU-AHUKINI CUTOFF ROAD
Ahukini Road to Kauai Hardwoods
PROJECT NO. F-051-1(8)

SCALE: AS SHOWN DATE JULY 1985
SHEET No. S-11 OF S-39 SHEETS