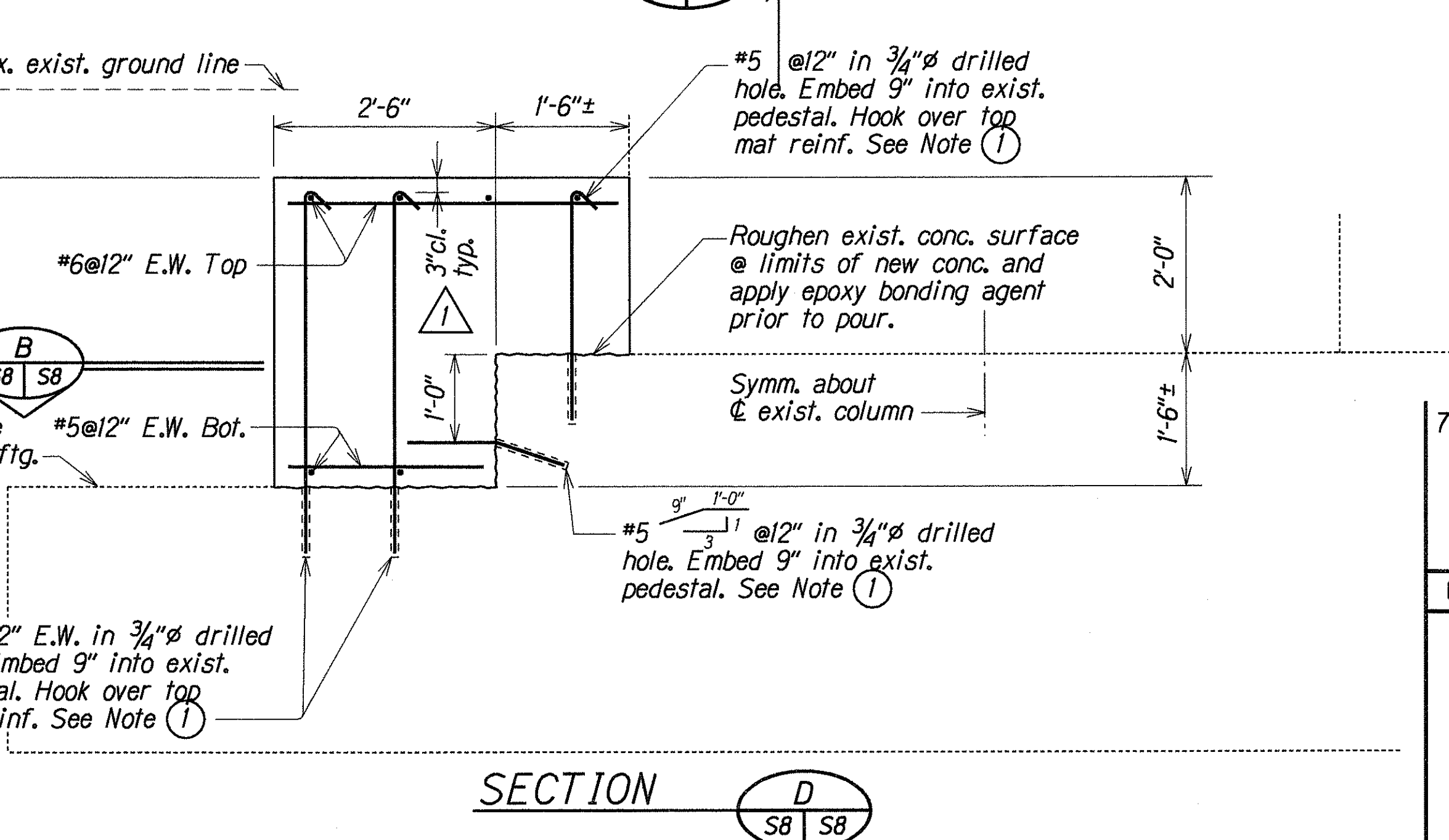
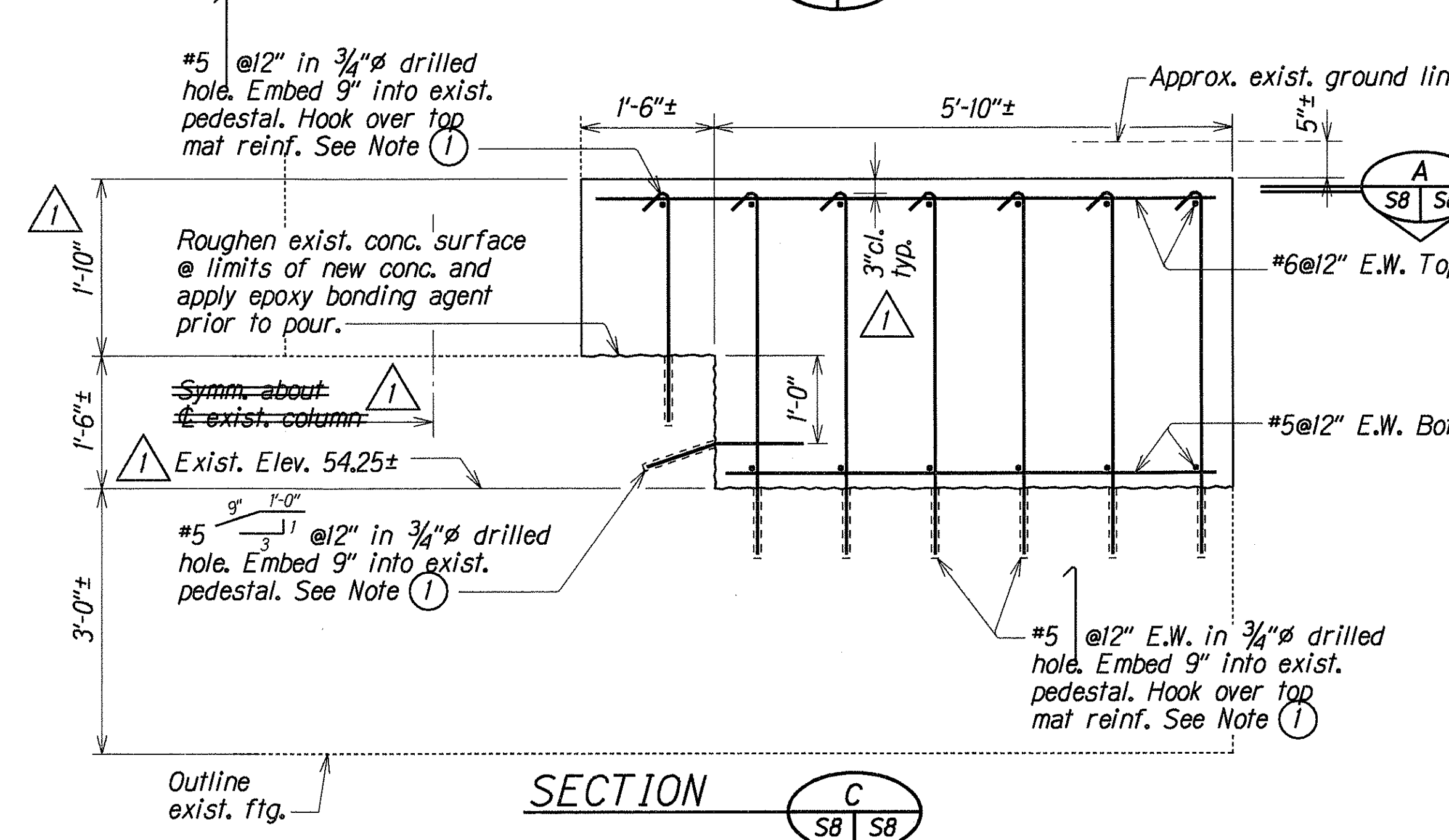
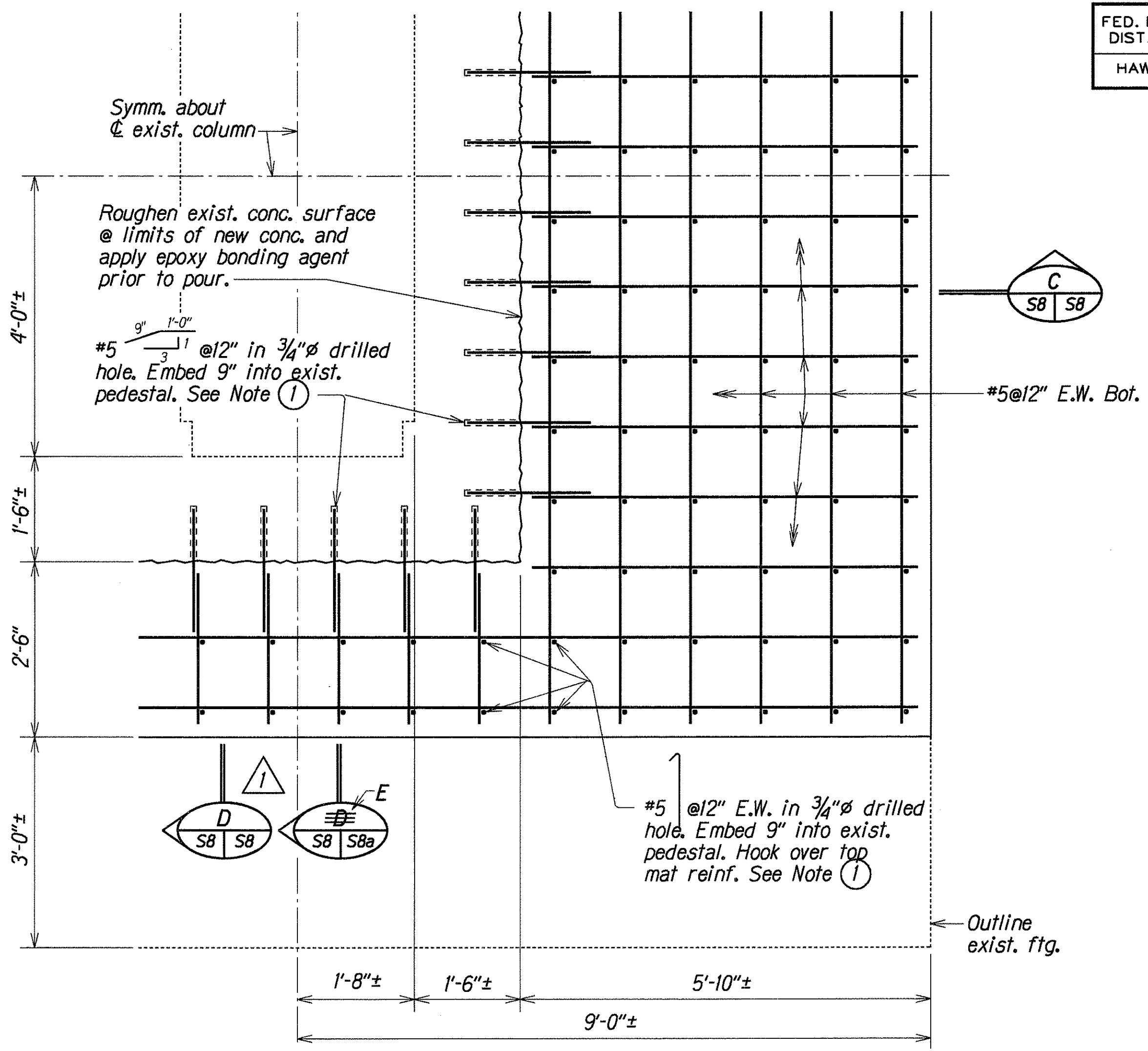
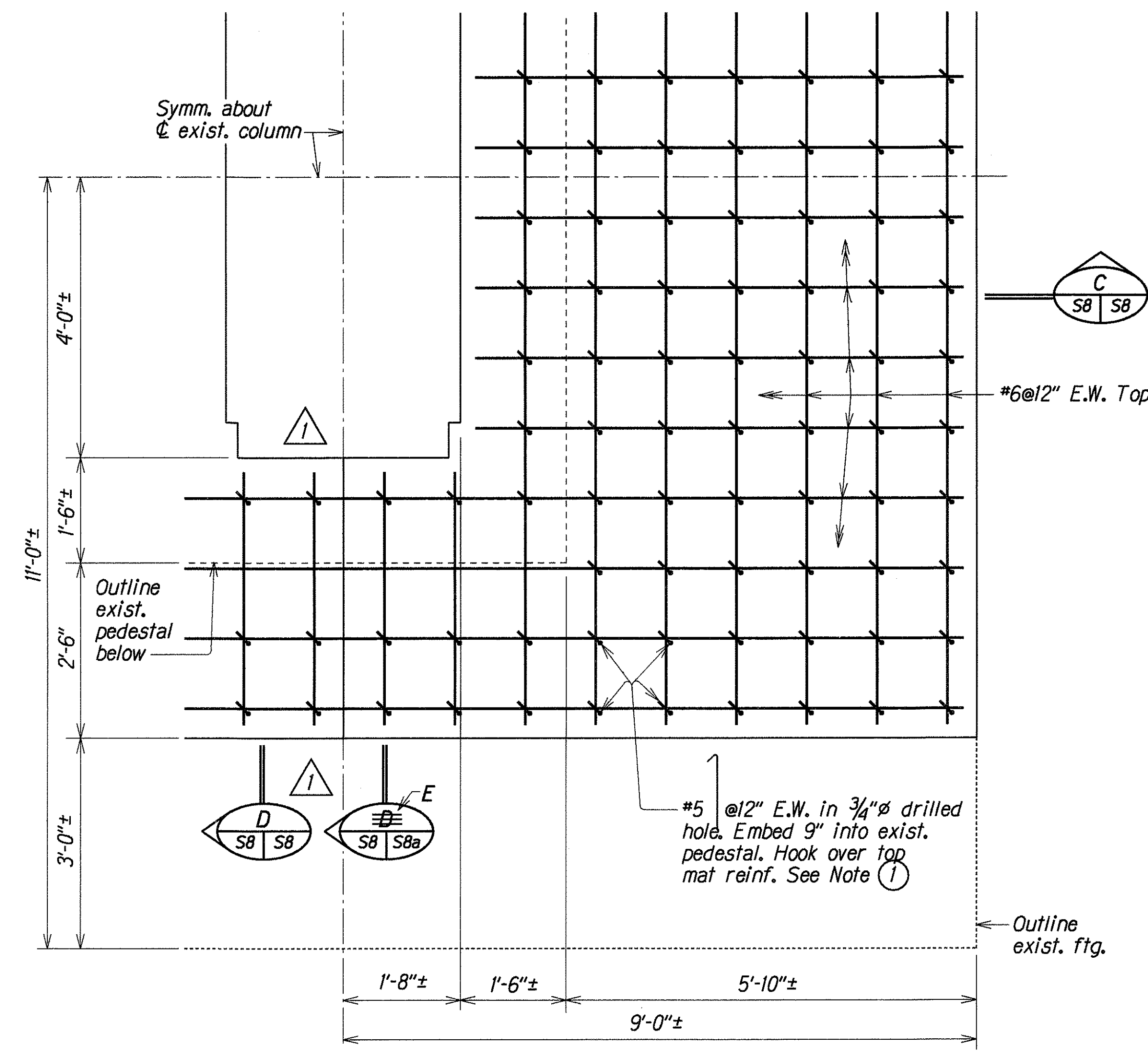


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1(225)	2000	C.O.14	37



- NOTES:**
1. Secure dowel with epoxy fill, Epoxy shall be "Double Cartridge" type. Epoxies that require measuring or mixing shall not be allowed.
 2. Contractor shall verify all controlling field dimensions before ordering or fabricating any material.
 3. Concrete for Footing Retrofit shall be $f'_c = 5,000$ p.s.i.

ORIGINAL PLAN	DATE	DESIGNED BY	CHECKED BY
NOTE BOOK	JUL 1999	AHF	DCO
QUANTITIES BY	JUL 1999	AHF	DCO
NOTED BY	JUL 1999	AHF	DCO

PIER NO. 2 FOOTING RETROFIT DETAILS
LUNALILO-VINEYARD OFF-RAMP
 Scale: 3/4" = 1'-0"

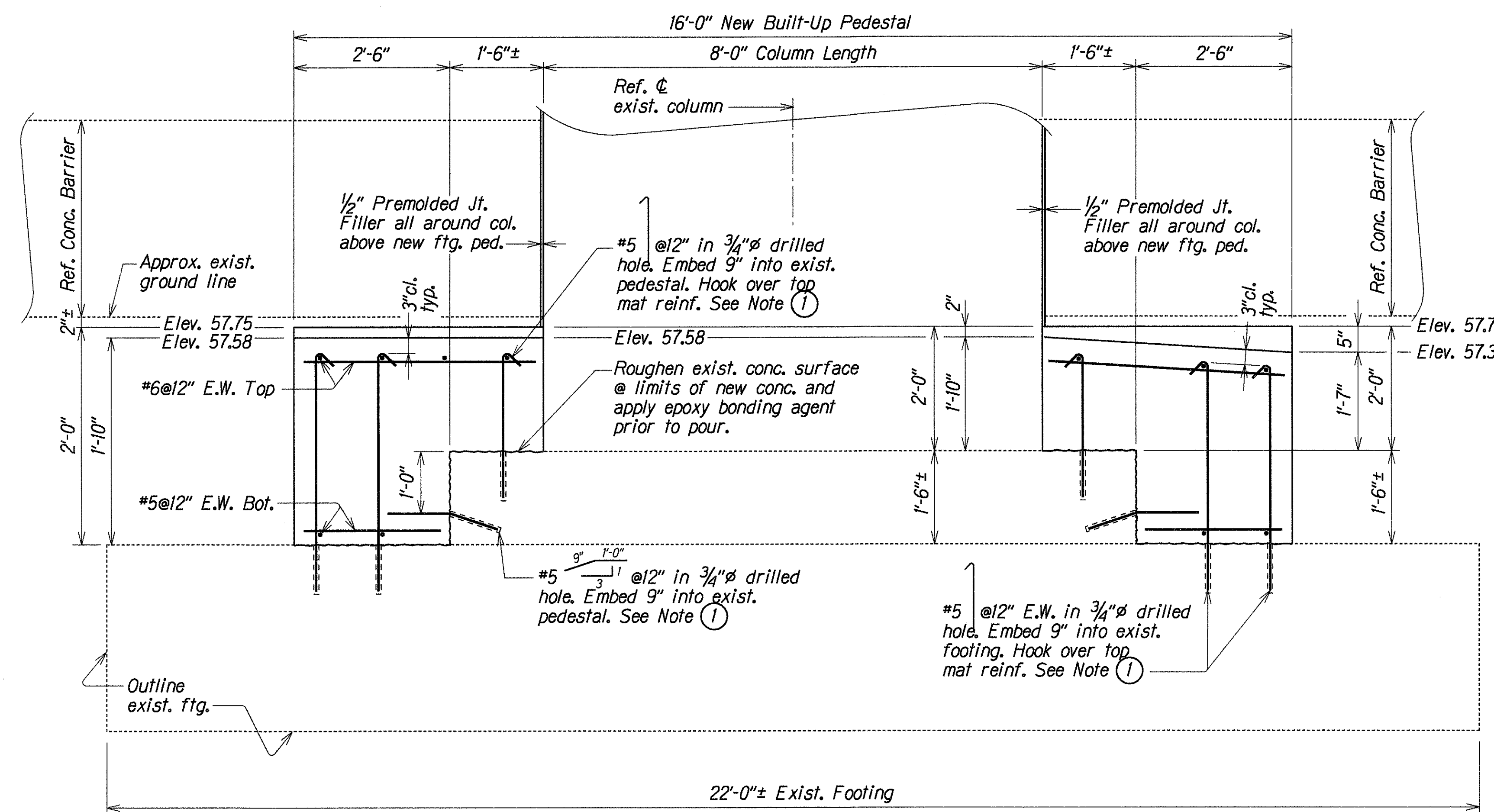
7-28-00

1

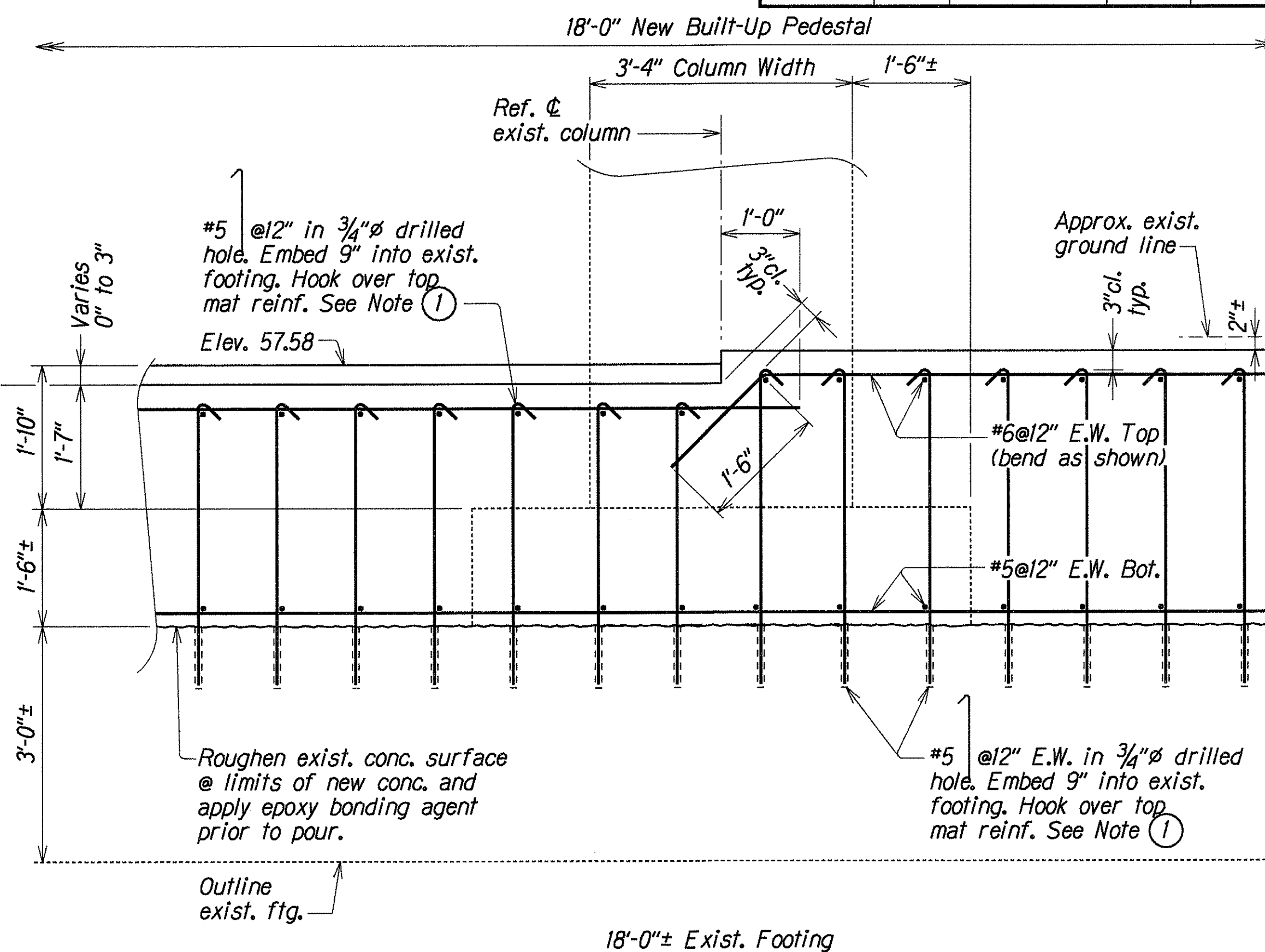
Add Pedestal vert. transition line, Add and rename Section cut, Modify dimension, Omit ref. (symm. about &), Modify min. clearance, Add exist. elev. note

DATE	DESCRIPTION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION LUNALILO-VINEYARD OFF-RAMP PIER NO. 2 FOOTING RETROFIT DETAILS SEISMIC RETROFIT for LUNALILO-VINEYARD OFF-RAMP, MAKIKI VIADUCT and PALAMA SEPARATION Fed. Aid Proj. No. BR-HI-1(225)	
Scale: As Noted	Date: Jul, 1999
SHEET No. S8 OF 25 SHEETS	

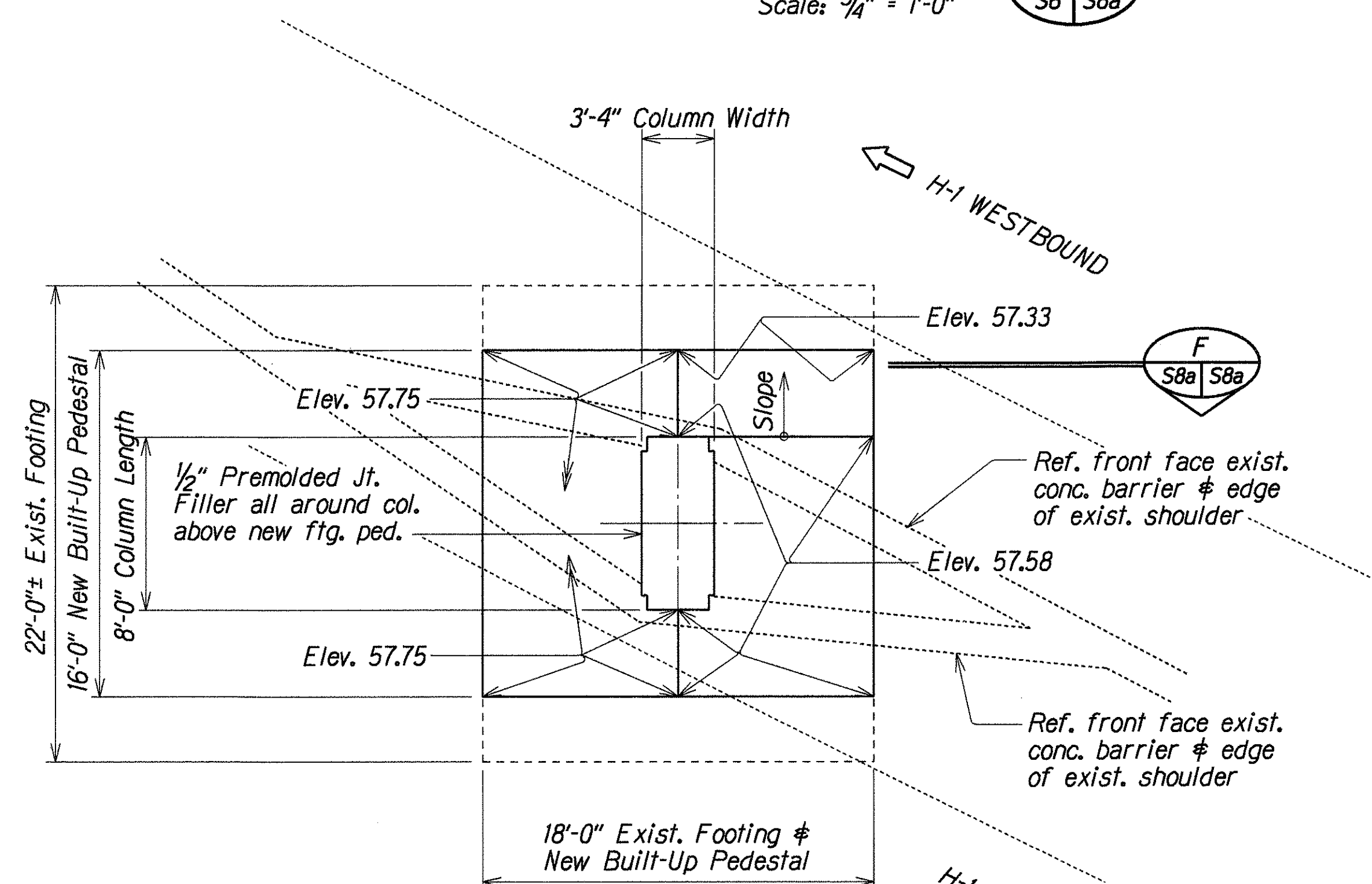
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1(225)	2000	C014S-1	37



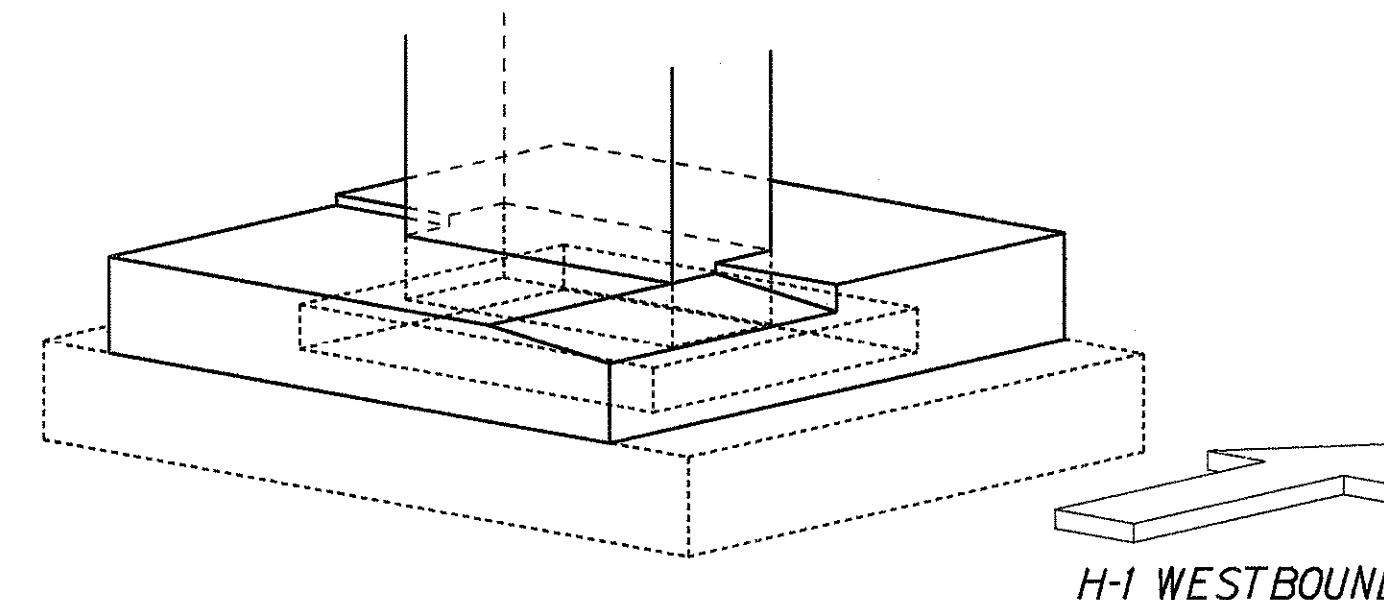
SECTION E
Scale: $\frac{3}{4}$ " = 1'-0"



SECTION F
Scale: $\frac{3}{4}$ " = 1'-0"



PLAN--PIER NO. 2
Scale: $\frac{3}{8}$ " = 1'-0"



ISOMETRIC VIEW--PIER NO. 2
Not to Scale

PIER NO. 2 FOOTING RETROFIT DETAILS LUNALILO-VINEYARD OFF-RAMP Scale: $\frac{3}{4}$ " = 1'-0"

NOTES:

1. Secure dowel with epoxy fill. Epoxy shall be "Double Cartridge" type. Epoxies that require measuring or mixing shall not be allowed.
2. Contractor shall verify all controlling field dimensions before ordering or fabricating any material.
3. Concrete for Footing Retrofit shall be $f'_c = 5,000$ p.s.i.
4. Concrete for the restoration of the Type "B" Concrete Barrier shall be Class A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
LUNALILO-VINEYARD OFF-RAMP
PIER NO. 2 FOOTING RETROFIT DETAILS
SEISMIC RETROFIT for LUNALILO-VINEYARD OFF-RAMP,
MAKIKI VIADUCT and PALAMA SEPARATION
Fed. Aid Proj. No. BR-HI-1(225)

Scale: As Noted Date: Jul, 1999

SHEET No. S8a OF 25 SHEETS

C.O.14 S-1

ORIGINAL PLAN	DATE	BY
	AUG 2000	KSG
NOTED BY	SA	SA
QUANTITIES BY	SA	SA
CHECKED BY	SA	SA