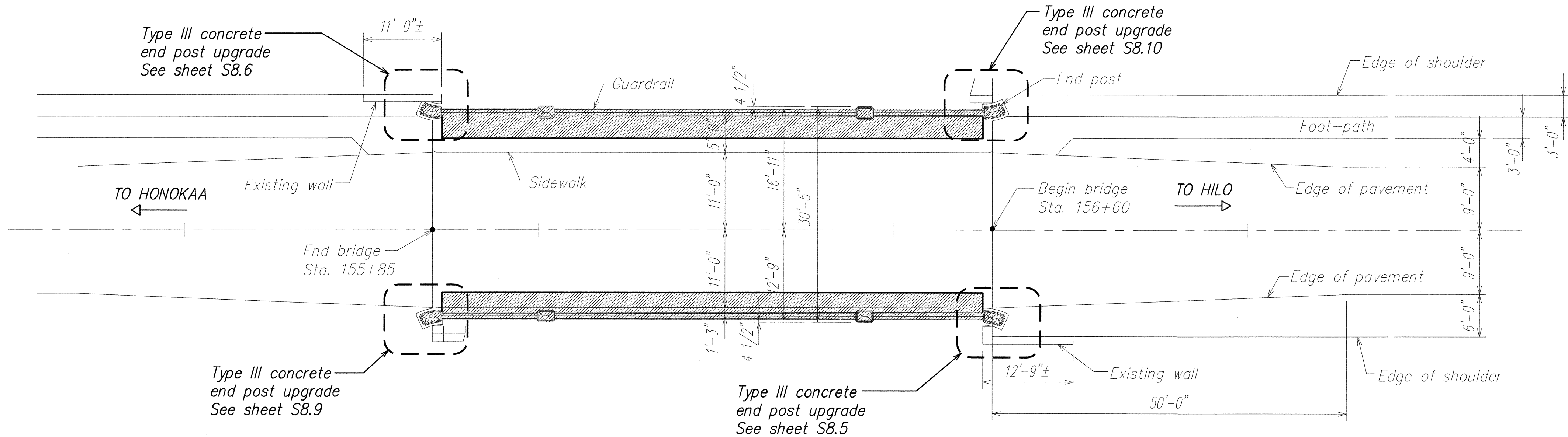
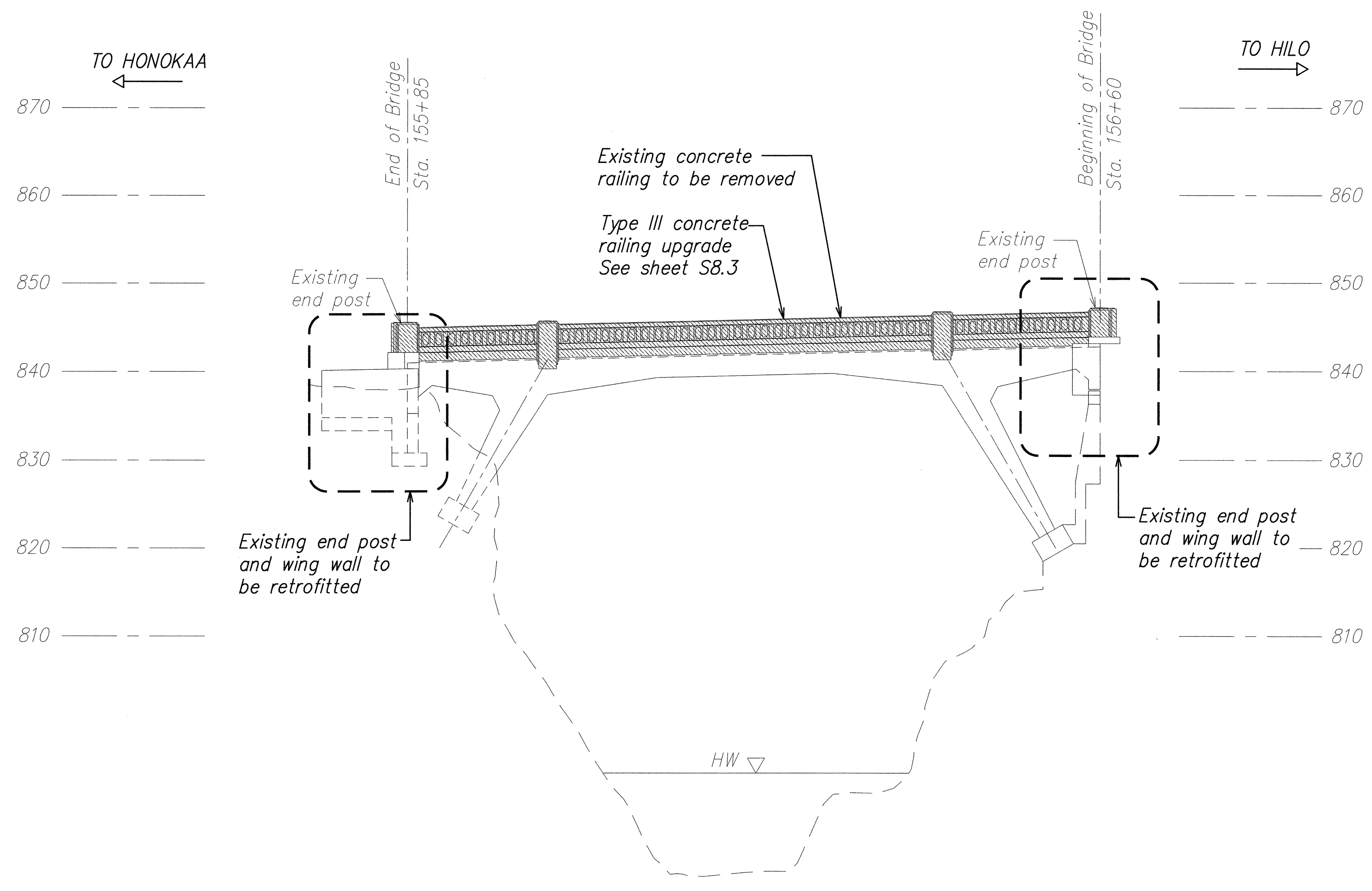


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	90	112

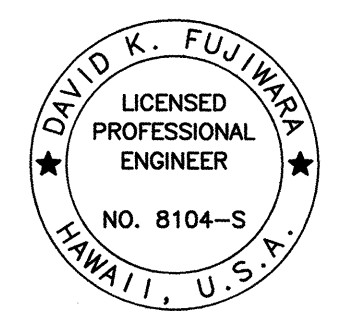


RAILING AND END POST DEMOLITION PLAN
SCALE: 1" = 10'-0"
A
S8.1 S8.1



ELEVATION
SCALE: 1" = 10'-0"
B
S8.1 S8.1

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	CHECKED BY	



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David K. Fujiwara
SIGNATURE
EXPIRATION DATE OF THE LICENSE

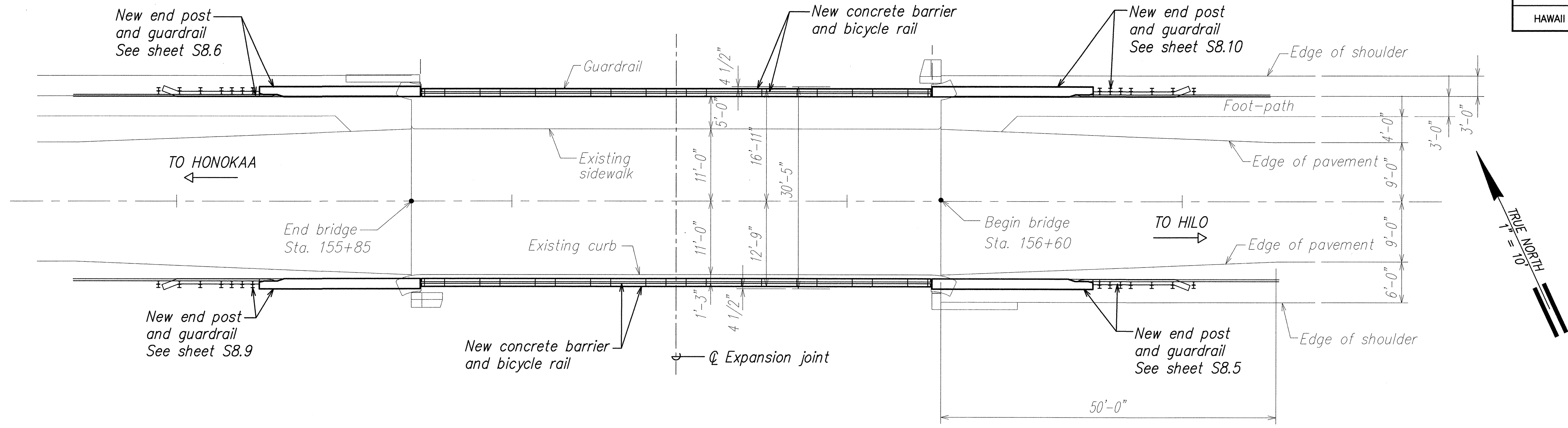
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DEMOLITION PLAN AND ELEVATION
KEKUALELE BRIDGE
HAWAII BELT ROAD RESURFACING
East Paaulo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

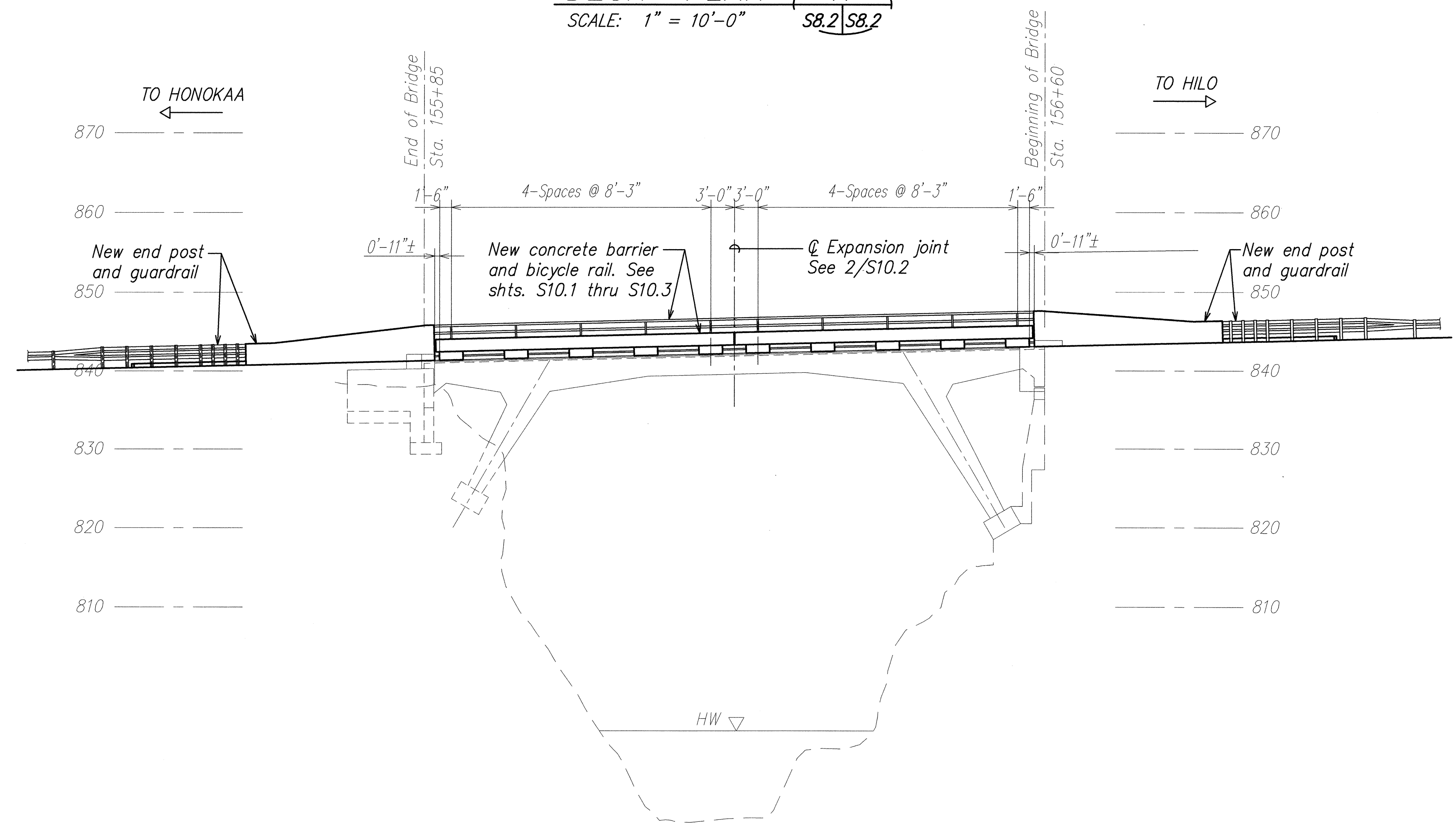
Scale: As Noted Date: April 2004

SHEET No. S8.1 OF 61 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	91	112



DECK PLAN A
SCALE: 1" = 10'-0" S8.2 S8.2



ELEVATION B
SCALE: 1" = 10'-0" S8.2 S8.2

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	



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Signature: David K. Fujiwara
EXPIRATION DATE OF THE LICENSE: 4-30-04

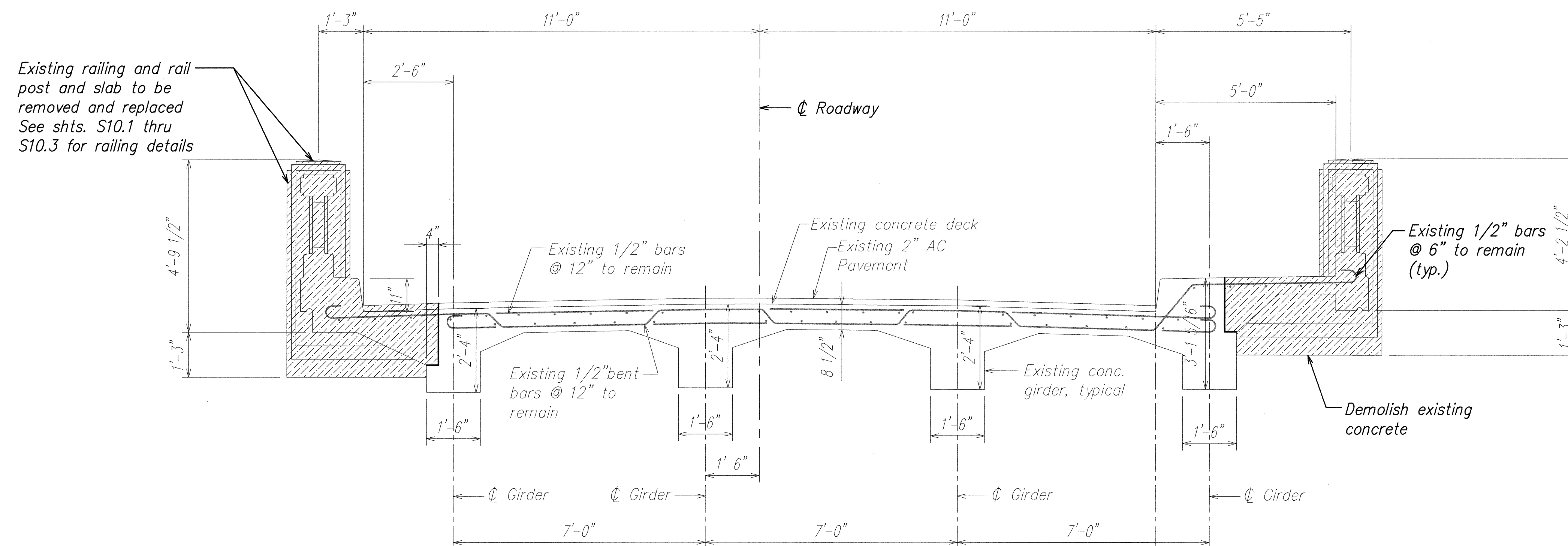
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DECK PLAN AND ELEVATION
KEKUALELE BRIDGE
HAWAII BELT ROAD RESURFACING
East Paaulo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

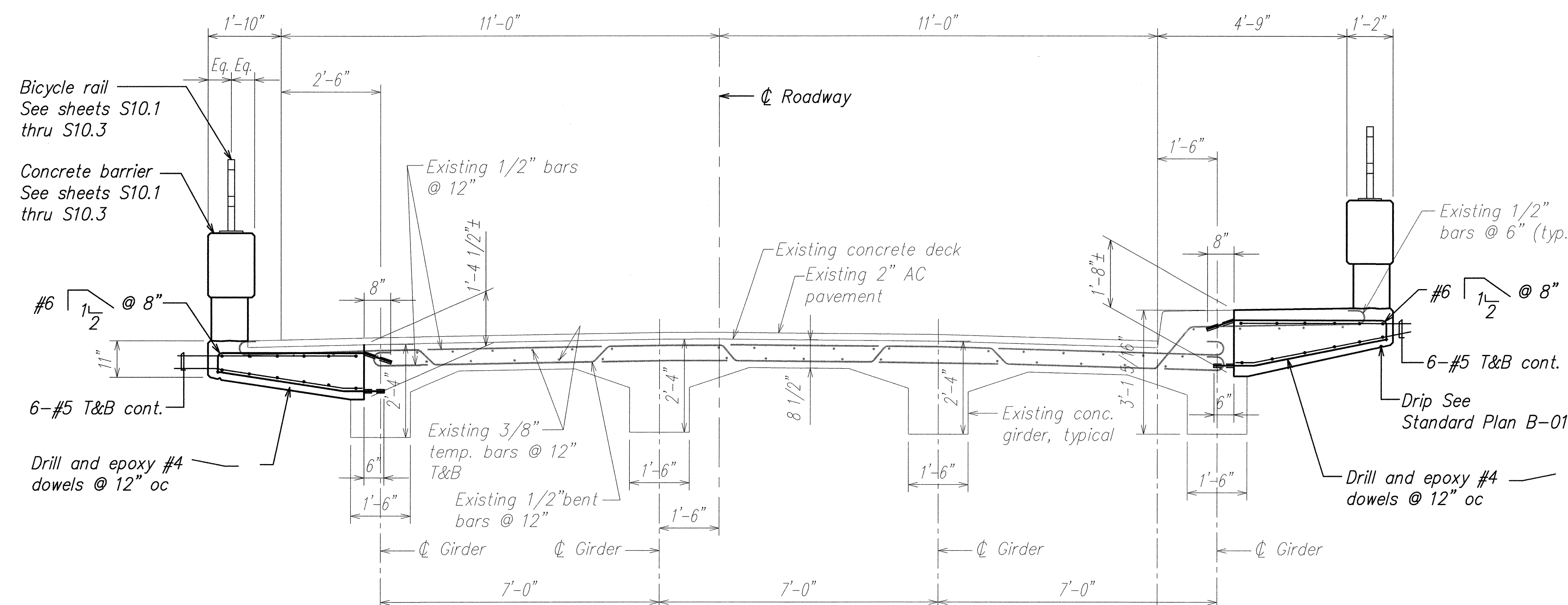
Scale: As Noted Date: April 2004

SHEET No. S8.2 OF 61 SHEETS

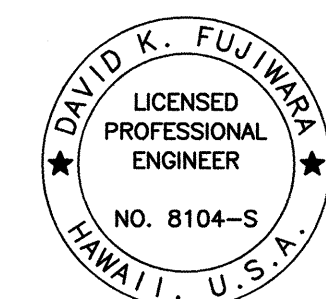
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	92	112



RAILING AND DECK DEMOLITION SECTION A
SCALE: 1/2" = 1'-0"
S8.3 S8.3



NEW RAILING AND DECK SECTION B
SCALE: 1/2" = 1'-0"
S8.3 S8.3



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Date: 4-30-04
Expiration Date of the License

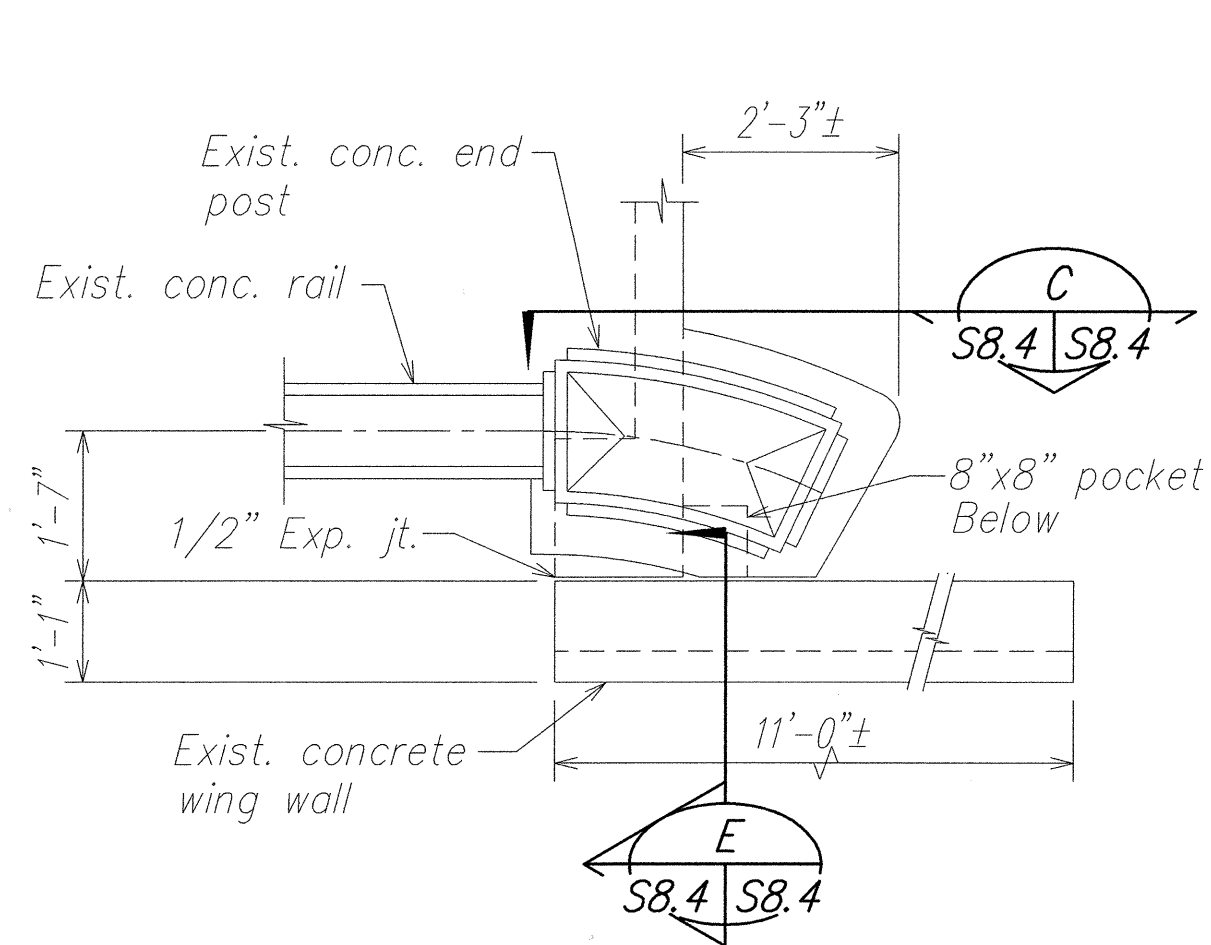
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DECK SECTIONS
KEKUALELE BRIDGE
HAWAII BELT ROAD RESURFACING
East Paauilo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

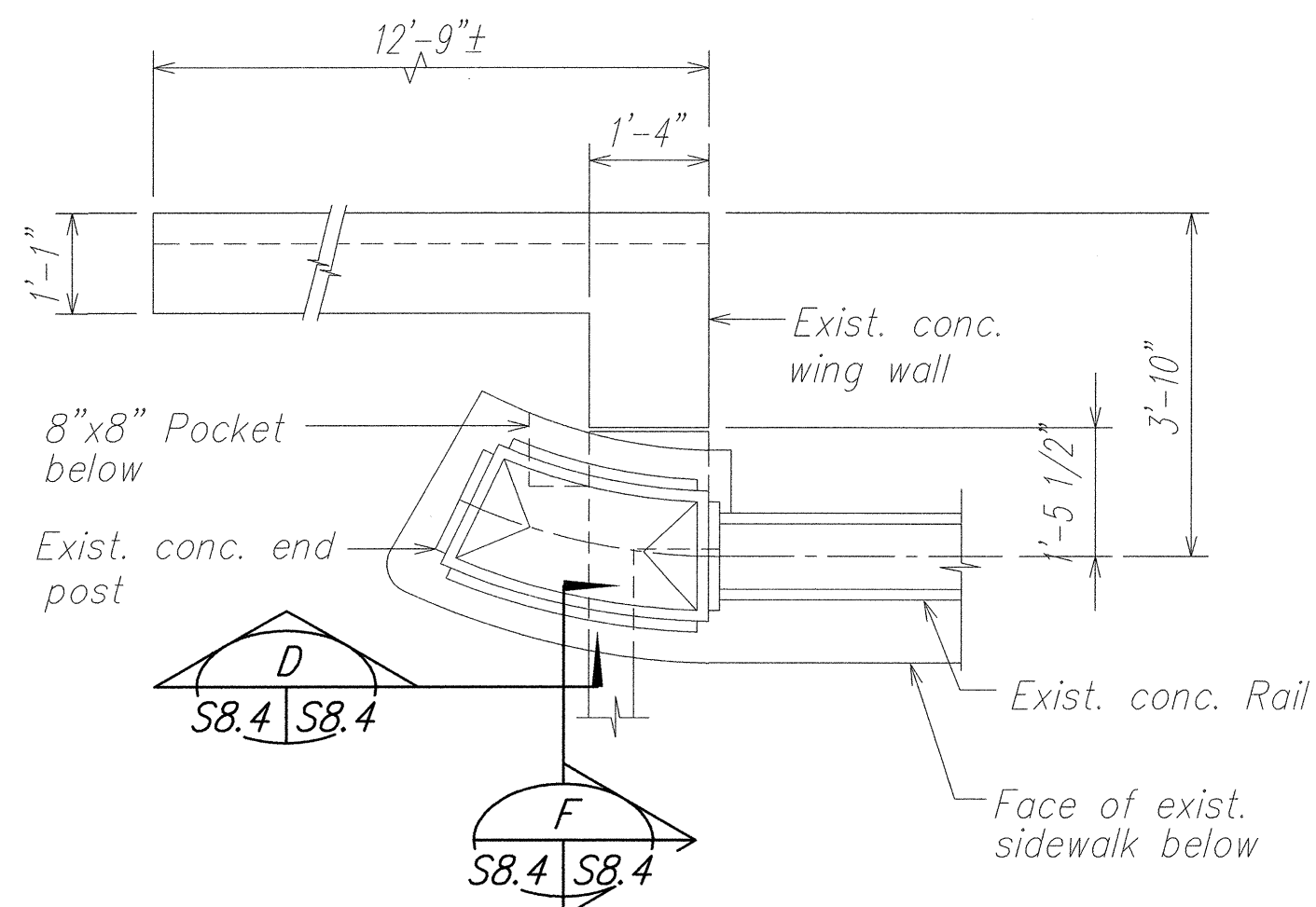
Scale: As Noted Date: April 2004

SHEET No. S8.3 OF 61 SHEETS

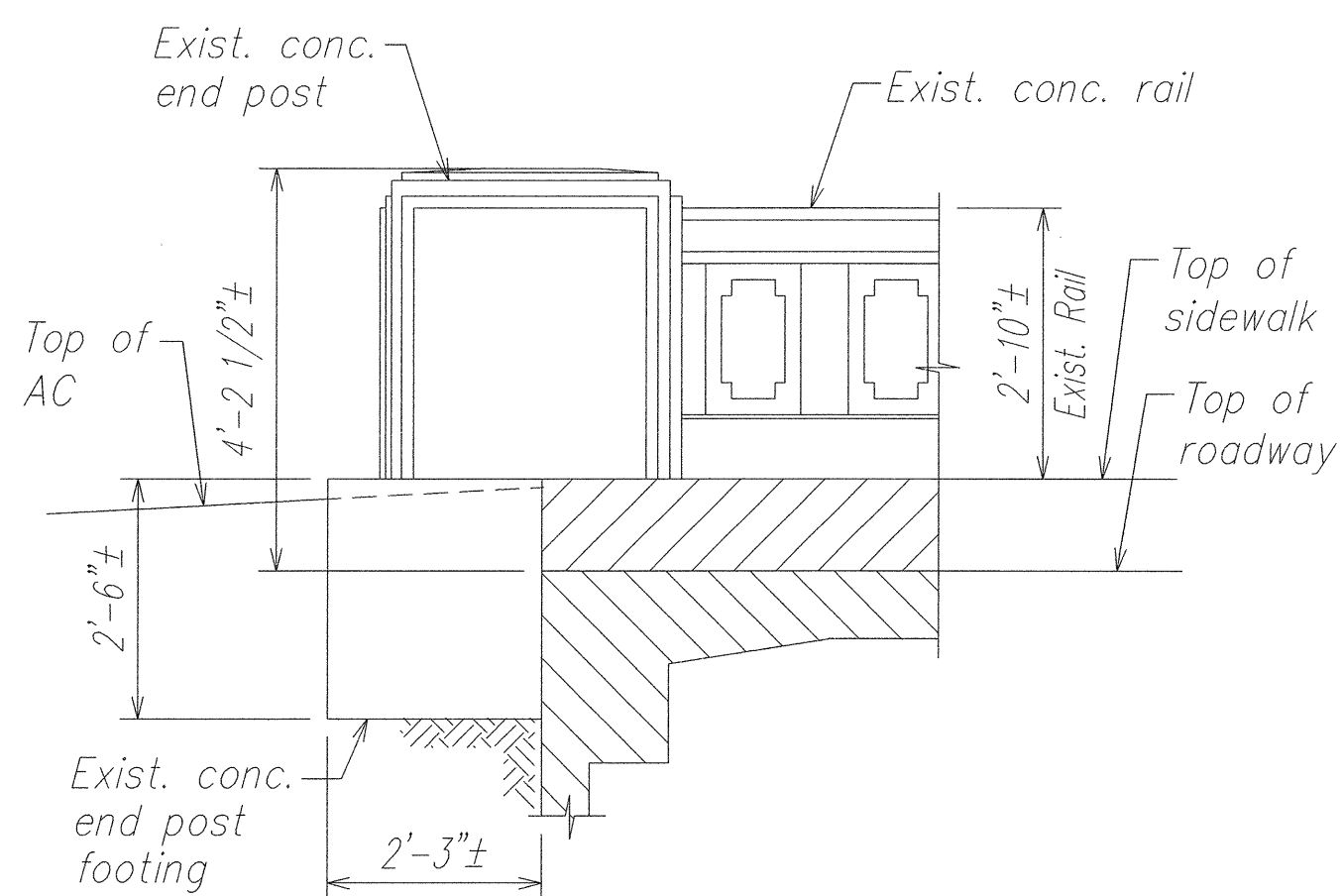
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	93	112



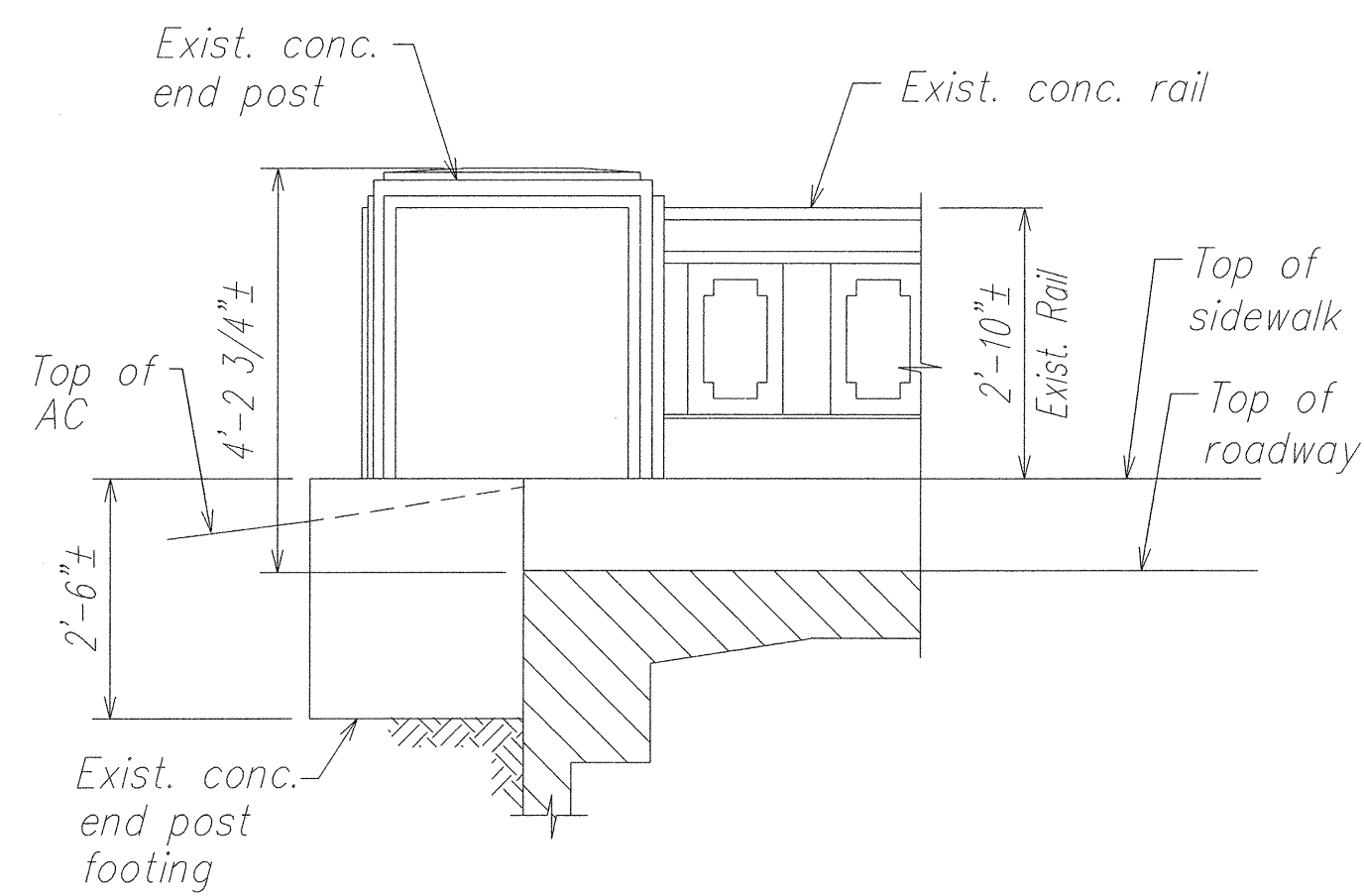
EXIST. CONC. END POST DETAIL
PLAN - HILO/MAUKA A
SCALE: 1/2" = 1'-0" S8.4 S8.4



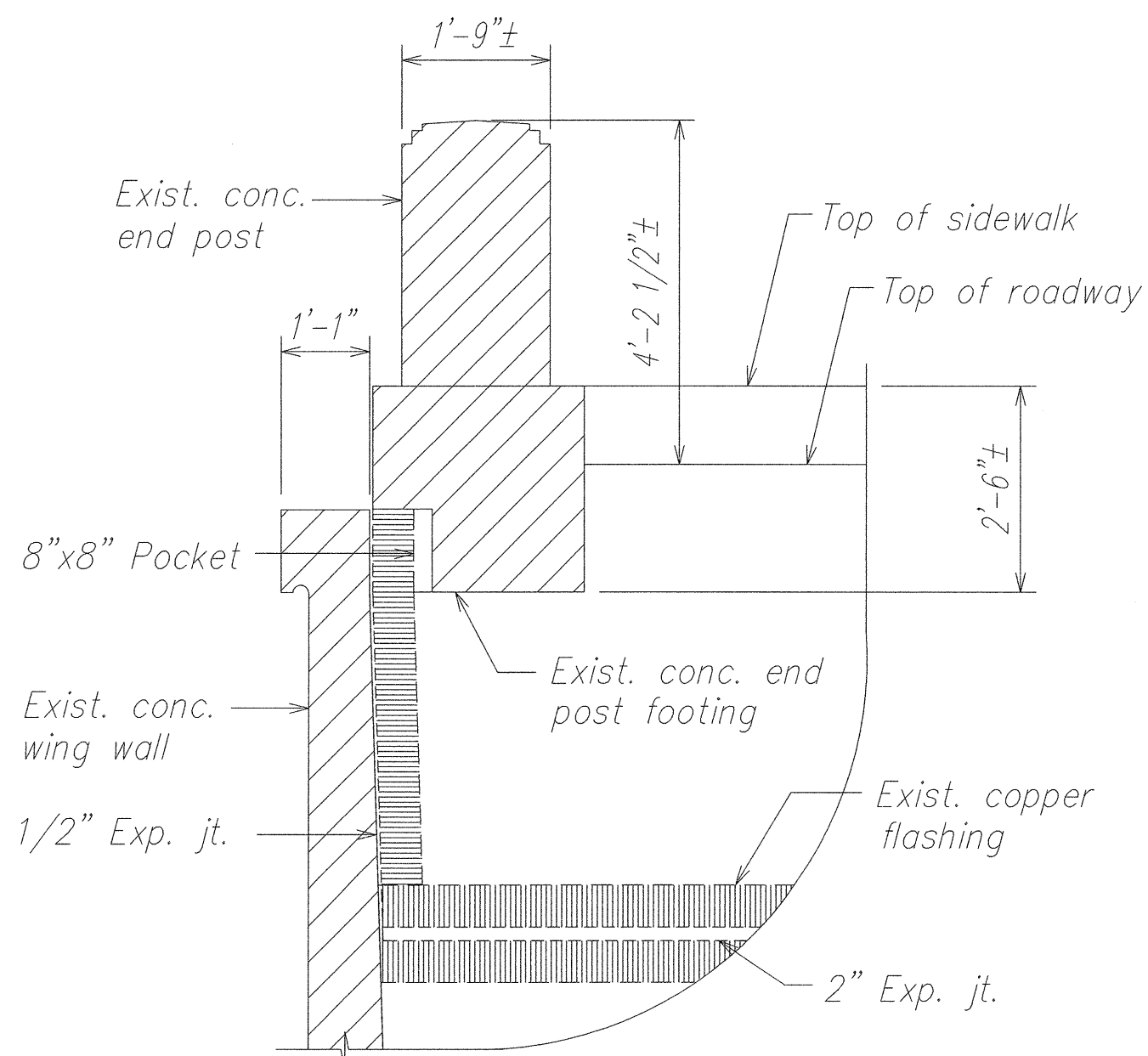
EXIST. CONC. END POST DETAIL
PLAN - HONOKAA/MAKAI B
SCALE: 1/2" = 1'-0" S8.1 S8.4



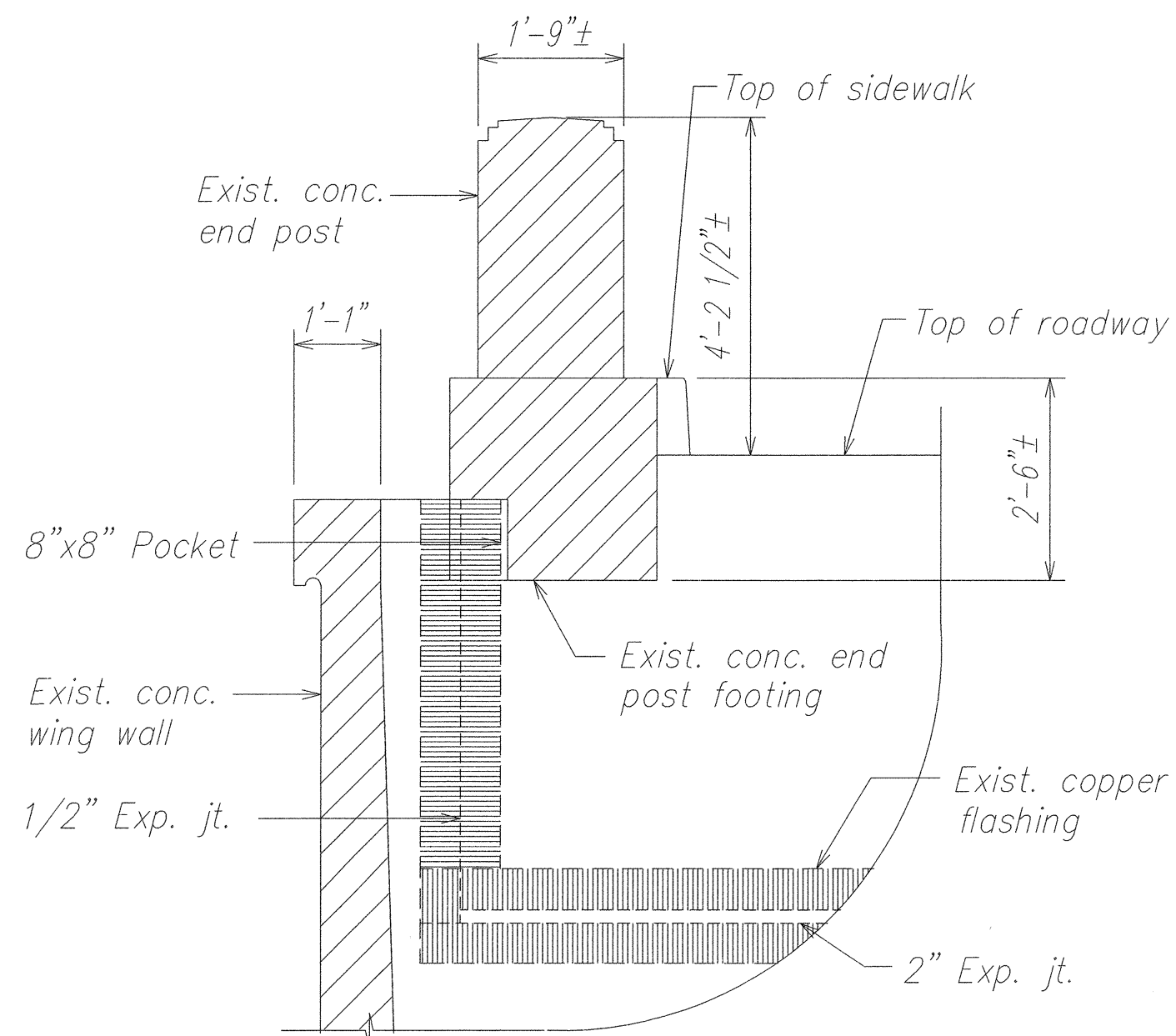
SECTION C
SCALE: 1/2" = 1'-0" S8.4 S8.4



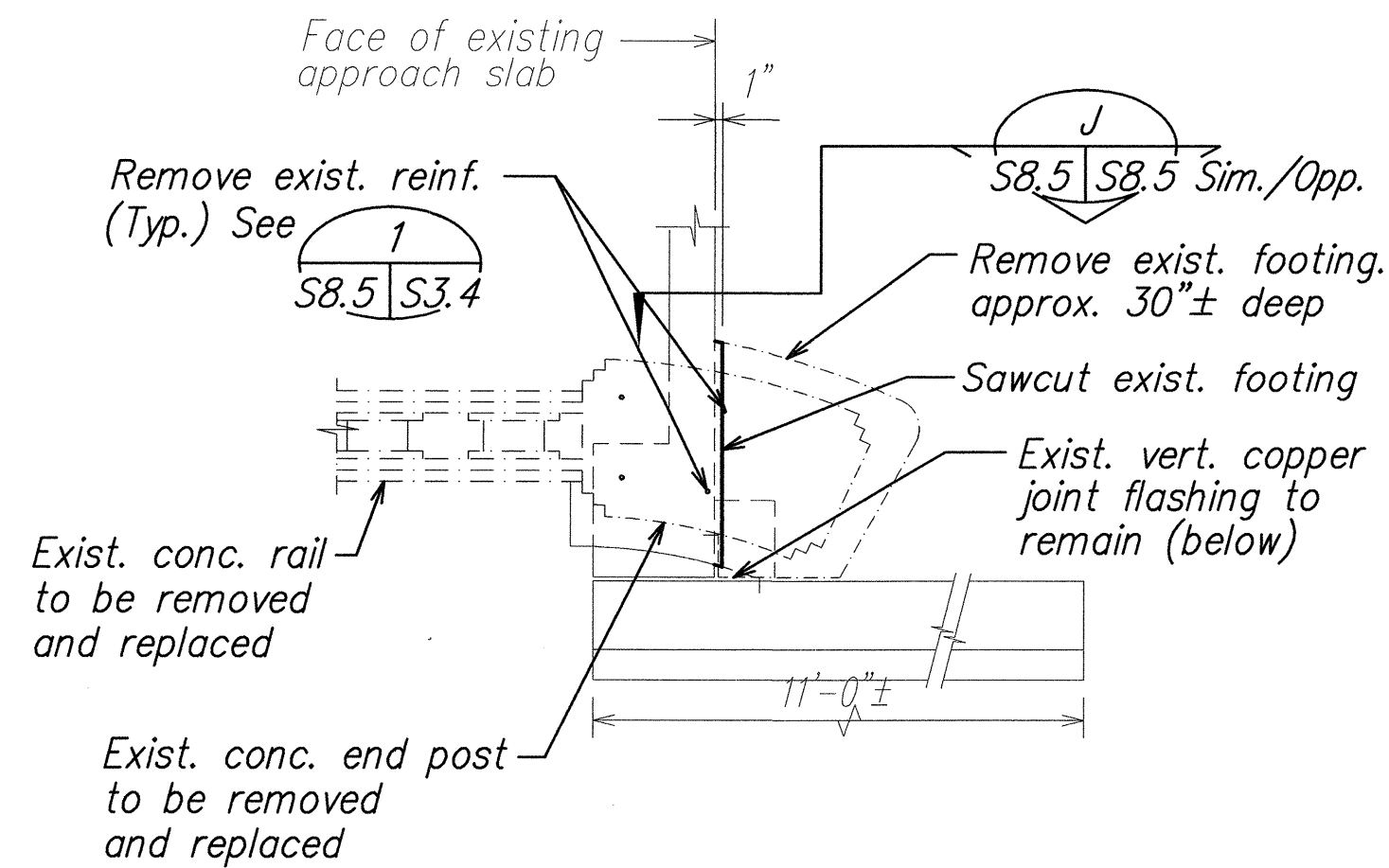
SECTION D
SCALE: 1/2" = 1'-0" S8.4 S8.4



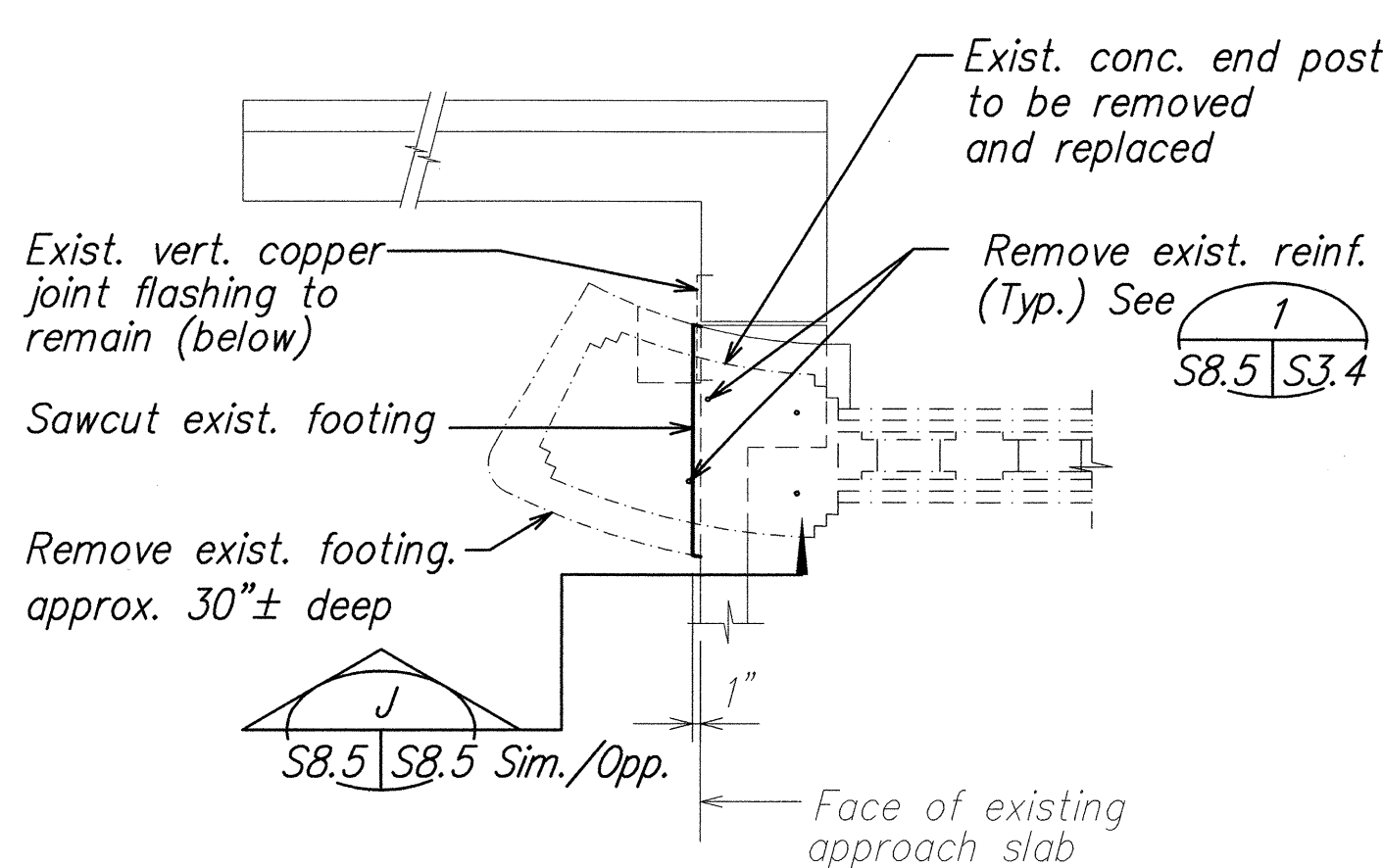
SECTION E
SCALE: 1/2" = 1'-0" S8.4 S8.4



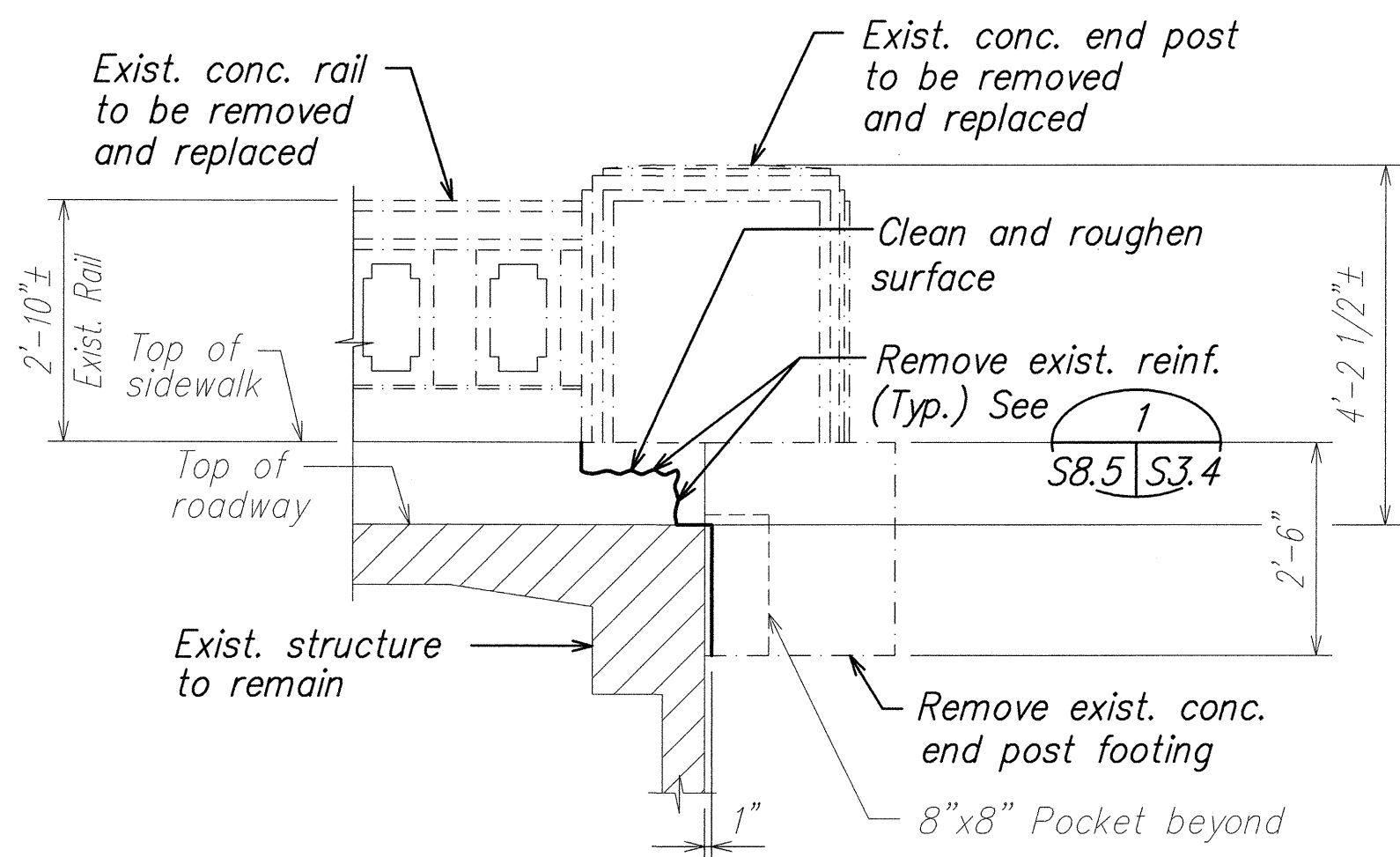
SECTION F
SCALE: 1/2" = 1'-0" S8.4 S8.4



END POST DEMOLITION
DETAIL PLAN - HILO/MAUKA G
SCALE: 1/2" = 1'-0" S8.1 S8.4



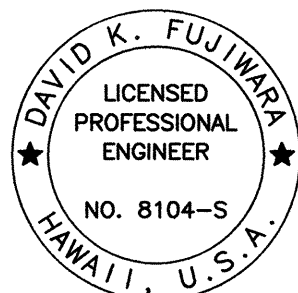
END POST DEMOLITION DETAIL
PLAN - HONOKAA/MAKAI H
SCALE: 1/2" = 1'-0" S8.1 S8.4



SECTION J
SCALE: 1/2" = 1'-0" S8.4 S8.4

Note:

Existing copper flashing covering expansion joints shall be protected during demolition.



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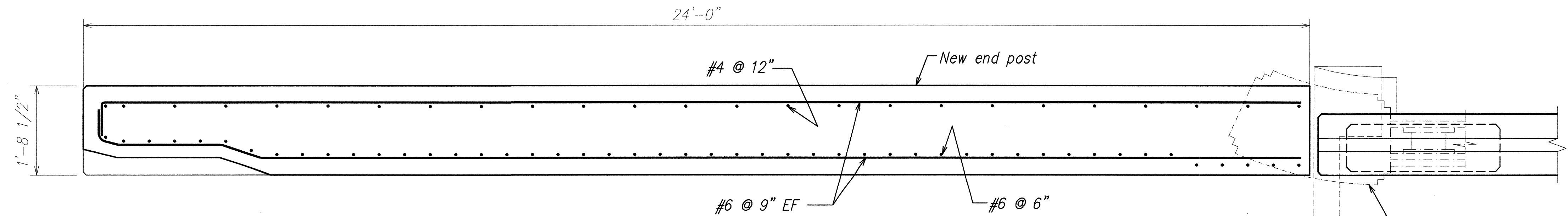
Signature: David K. Fujiwara
EXPIRATION DATE OF THE LICENSE: 4-30-04

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
EXIST. END POST PLAN, SECTION AND DETAILS
KEKUALELE BRIDGE
HAWAII BELT ROAD RESURFACING
East Paaulo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

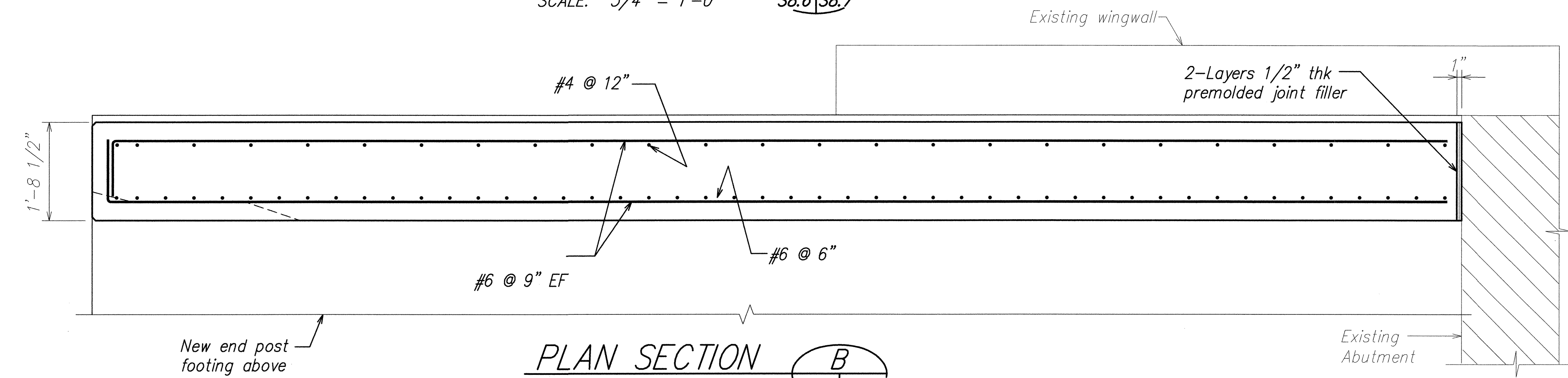
Scale: As Noted Date: April 2004

SHEET No. **S8.4** OF **61** SHEETS

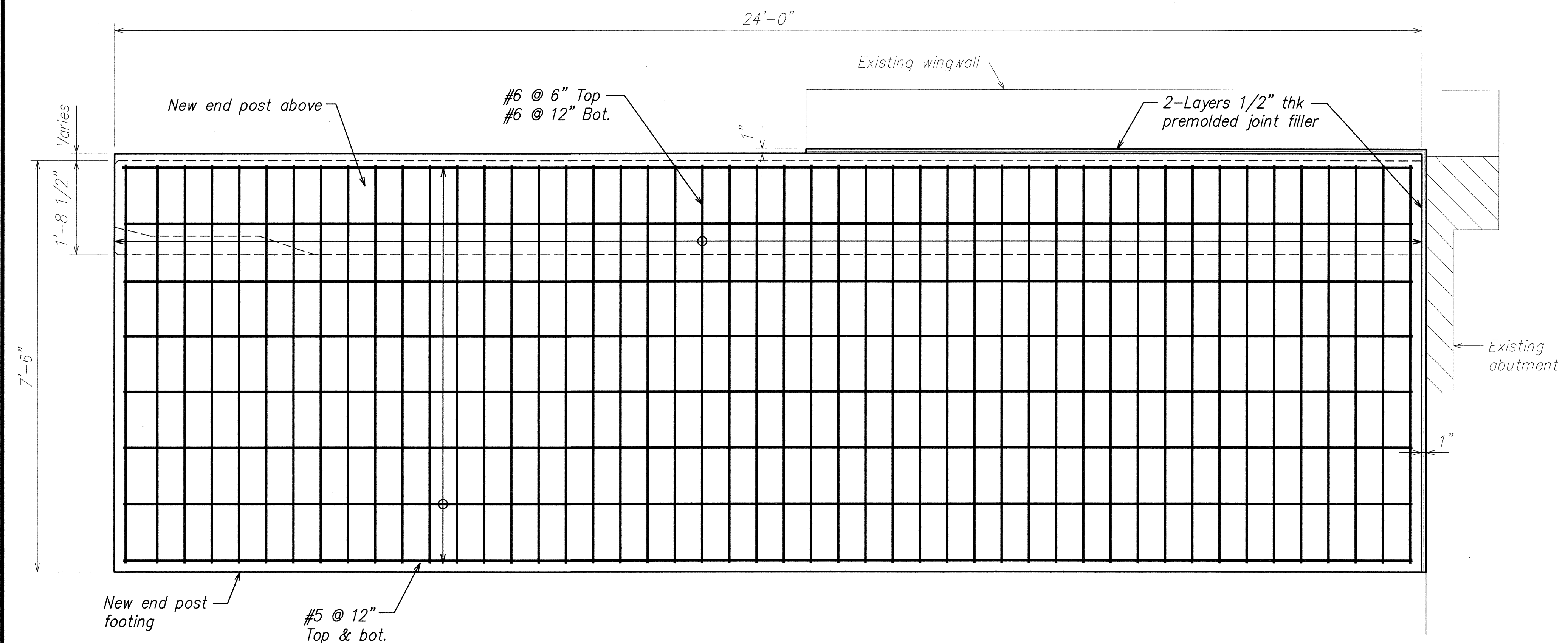
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	96	112



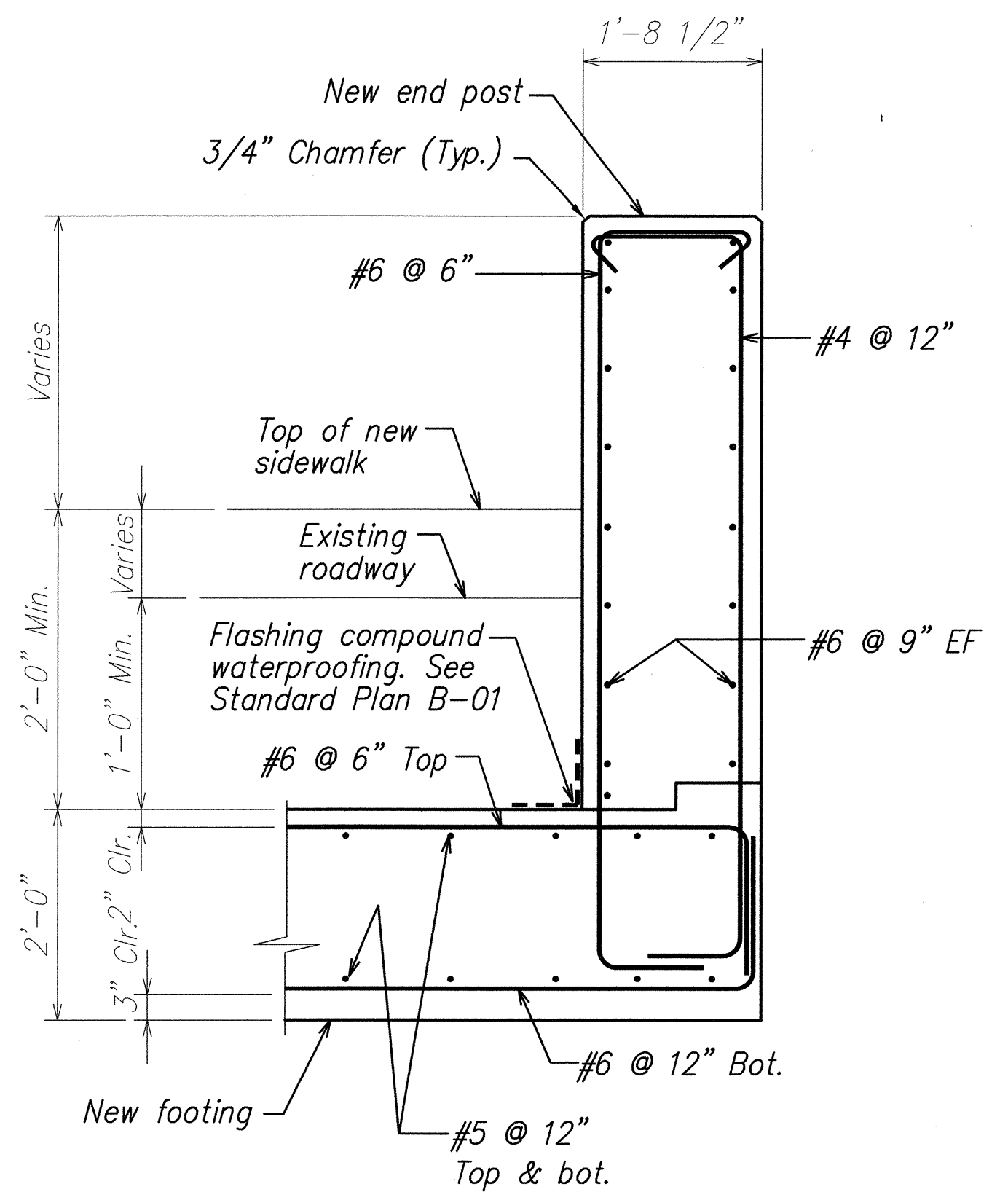
PLAN SECTION A
SCALE: 3/4" = 1'-0" S8.6 S8.7



PLAN SECTION B
SCALE: 3/4" = 1'-0" S8.6 S8.7

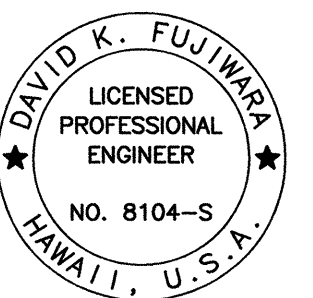


PLAN SECTION C
SCALE: 3/4" = 1'-0" S8.6 S8.7



SECTION D
SCALE: 3/4" = 1'-0" S8.6 S8.7

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
	CHECKED BY	



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Signature: David K. Fujinawa
EXPIRATION DATE OF THE LICENSE: 4-30-04

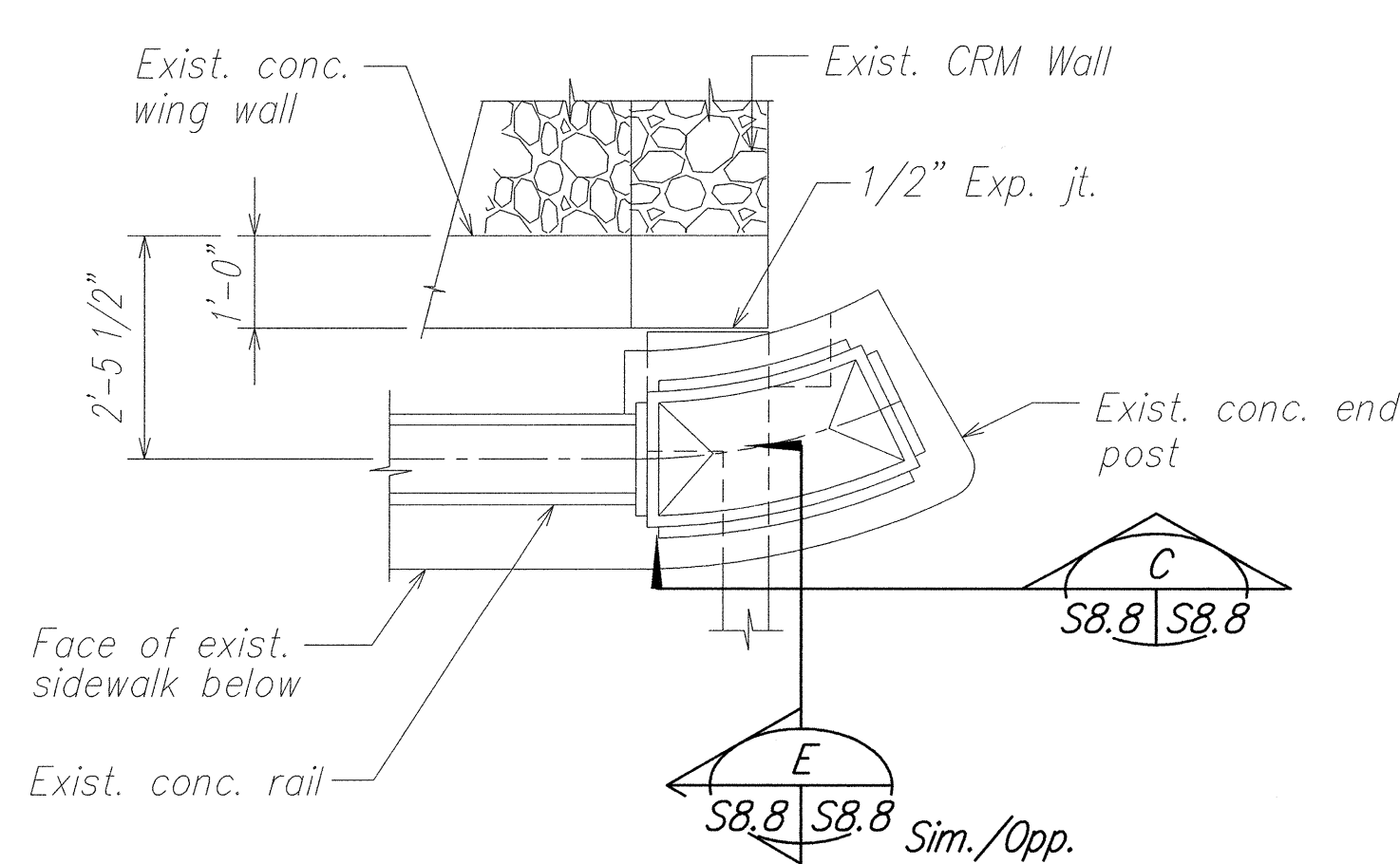
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SECTIONS AND DETAILS
KEKUALELE BRIDGE
HAWAII BELT ROAD RESURFACING
East Paaulo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

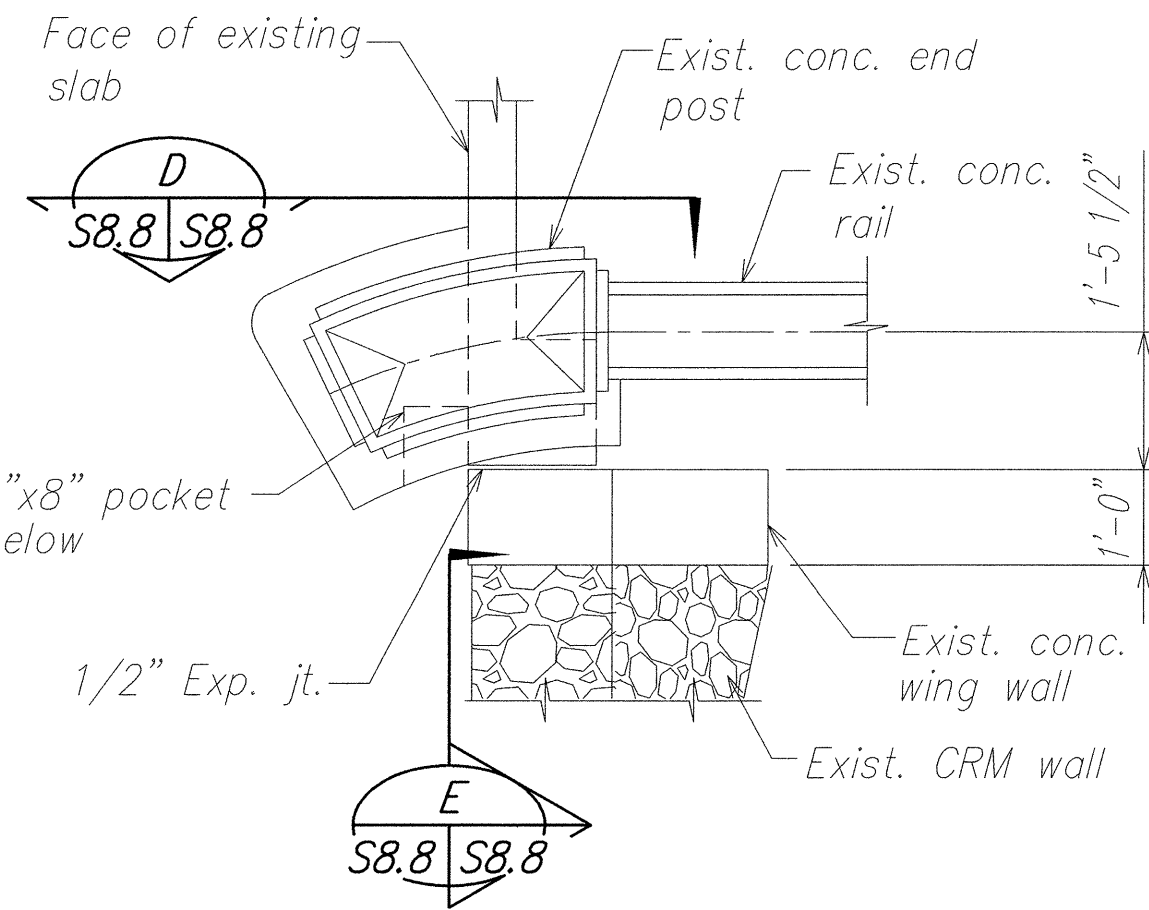
Scale: As Noted Date: April 2004

SHEET No. **S8.7** OF **61** SHEETS

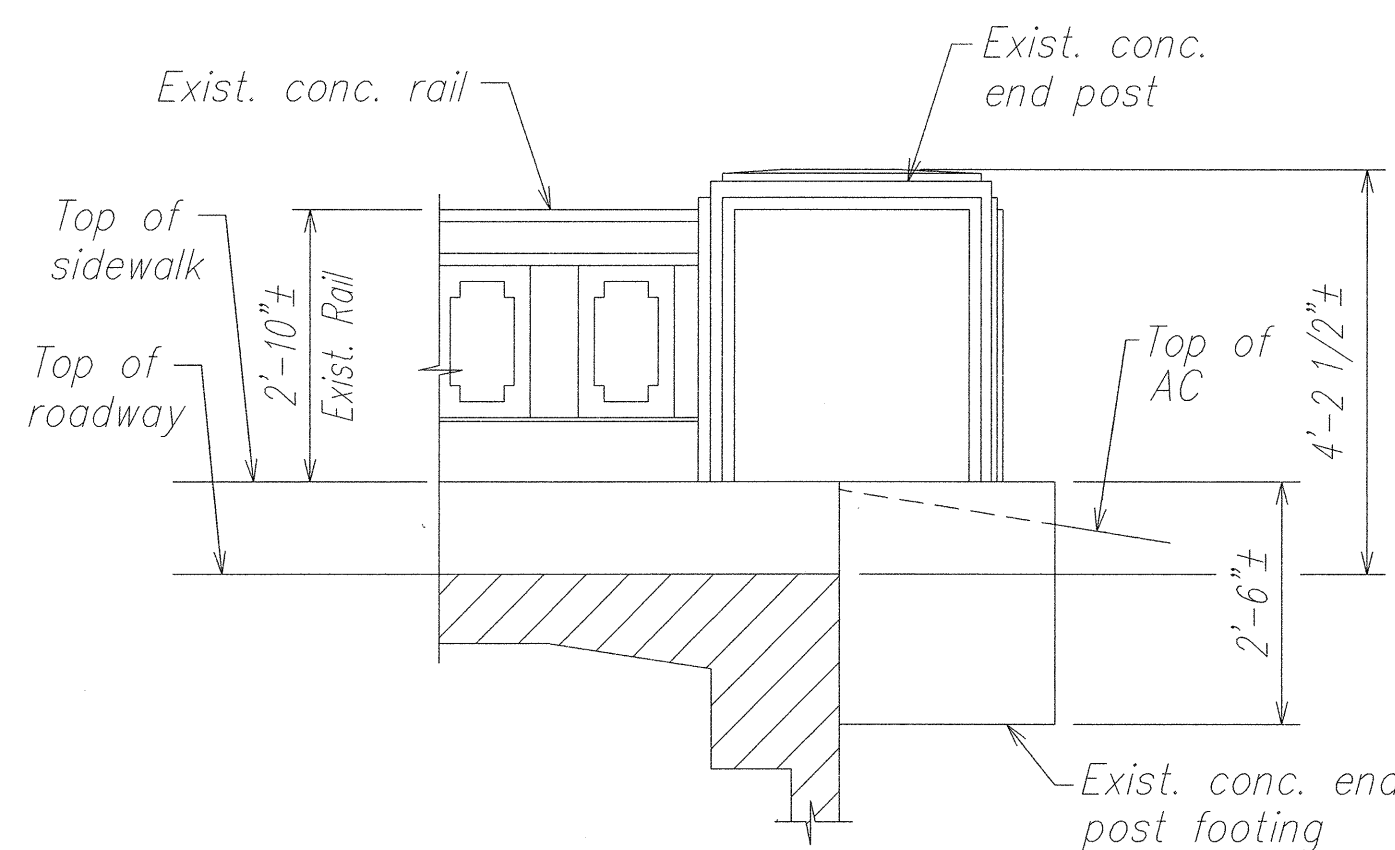
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	97	112



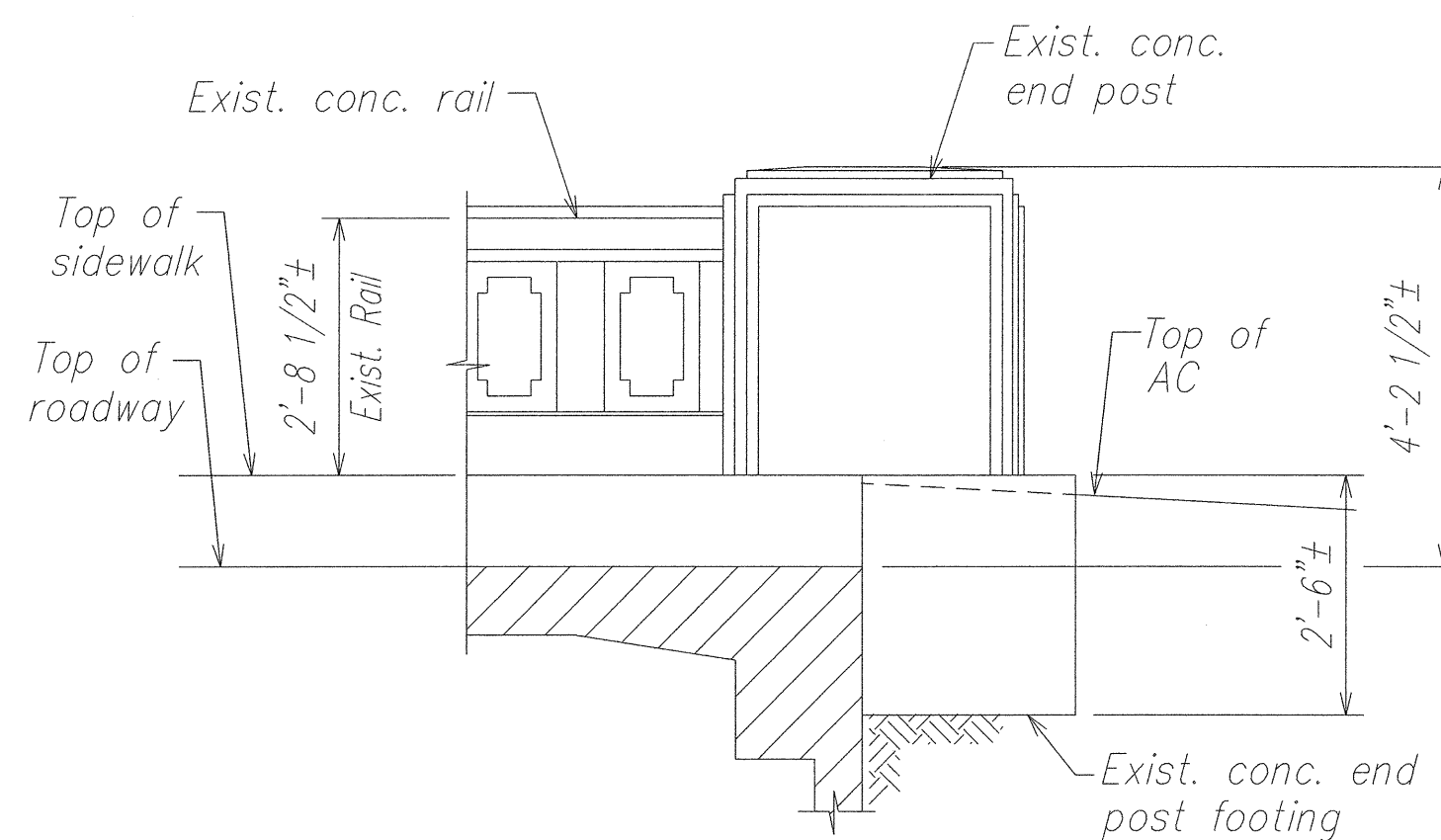
EXIST. CONC. END POST
DETAIL PLAN - HILO/MAKAI (A)
SCALE: 1/2" = 1'-0"
S8.1 | S8.8



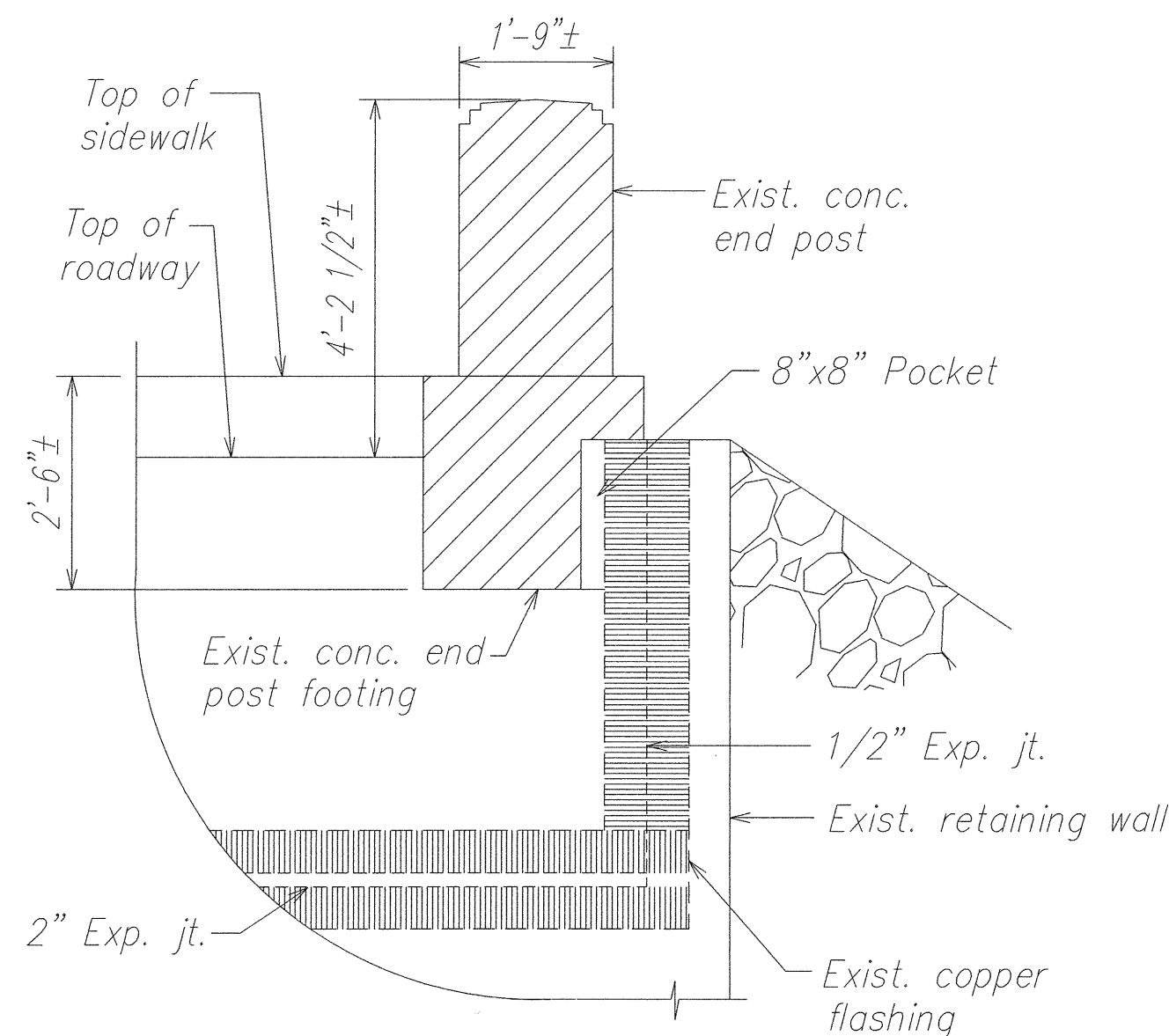
EXIST. CONC. END POST DETAIL
PLAN - HONOKAA/MAUKA (B)
SCALE: 1/2" = 1'-0"
S8.1 | S8.8



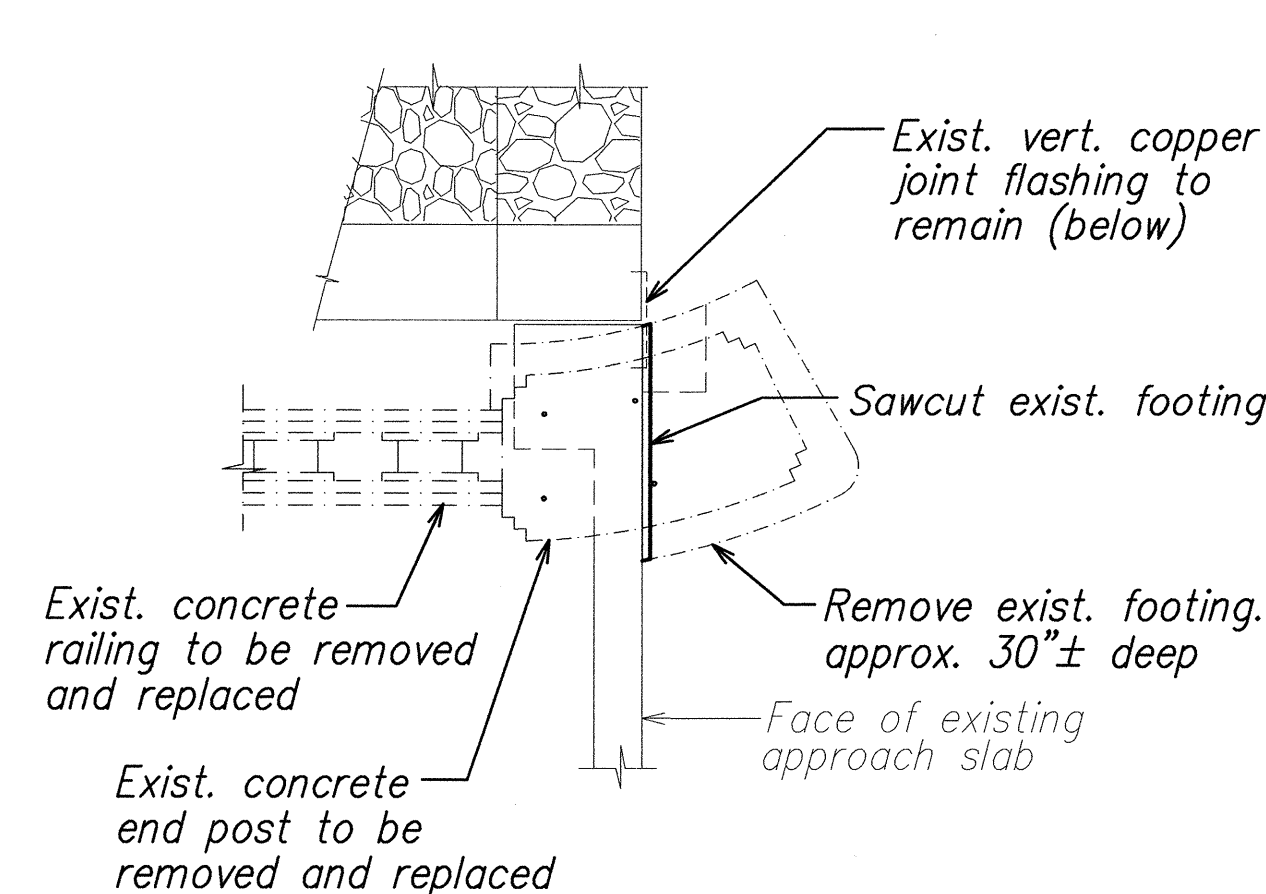
SECTION C
SCALE: 1/2" = 1'-0"
S8.8 | S8.8



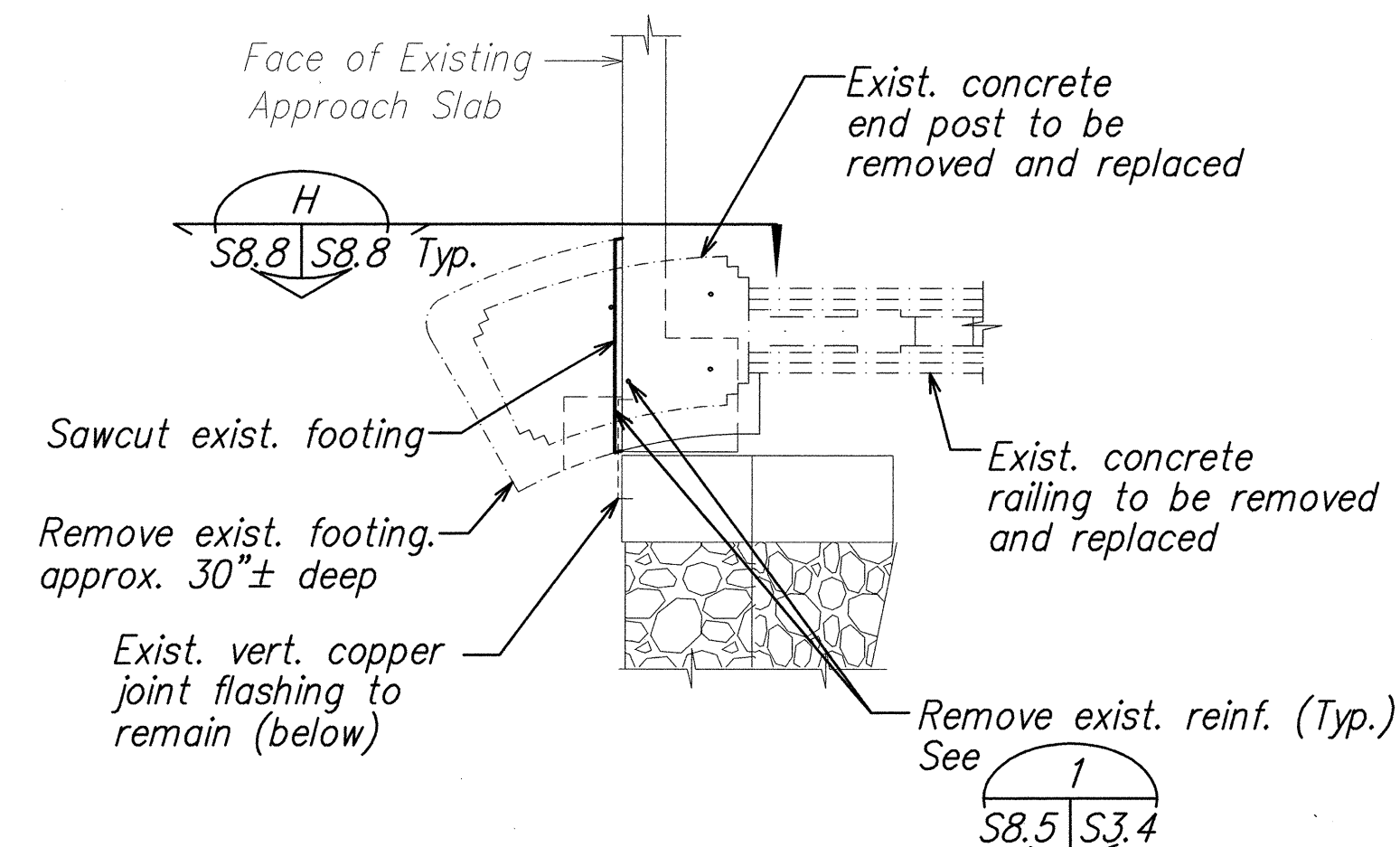
SECTION D
SCALE: 1/2" = 1'-0"
S8.8 | S8.8



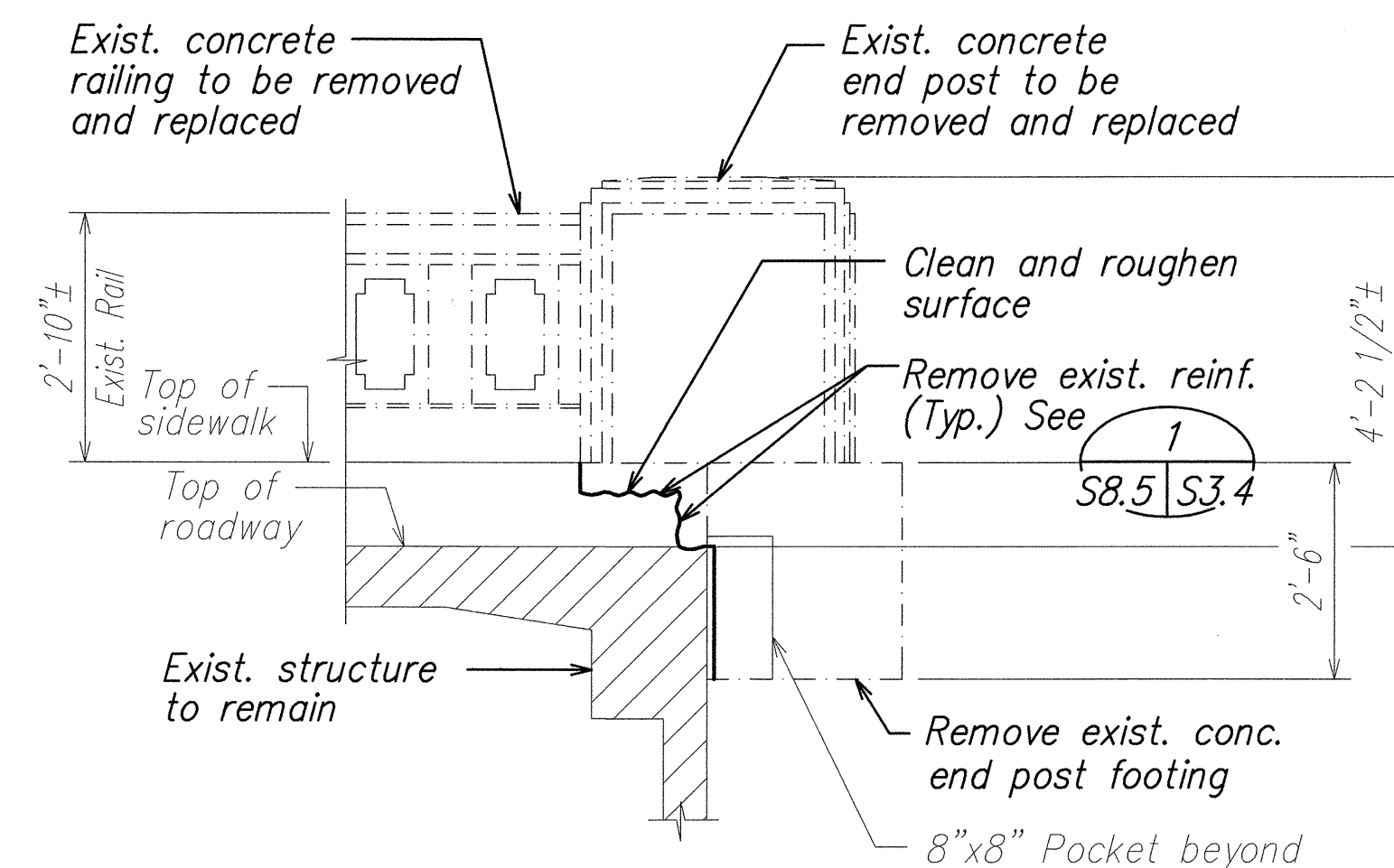
SECTION E
SCALE: 1/2" = 1'-0"
S8.8 | S8.8



END POST DEMOLITION
DETAIL PLAN - HILO/MAKAI (F)
SCALE: 1/2" = 1'-0"
S8.1 | S8.8

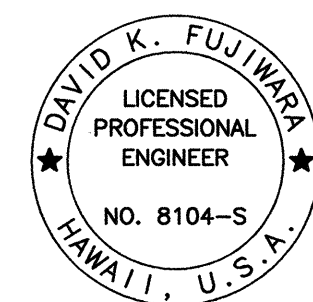


END POST DEMOLITION DETAIL
PLAN - HONOKAA/MAUKA (G)
SCALE: 1/2" = 1'-0"
S8.1 | S8.8



SECTION H
SCALE: 1/2" = 1'-0"
S8.8 | S8.8

NOTE:
Existing copper flashing covering expansion joints shall be protected during demolition.

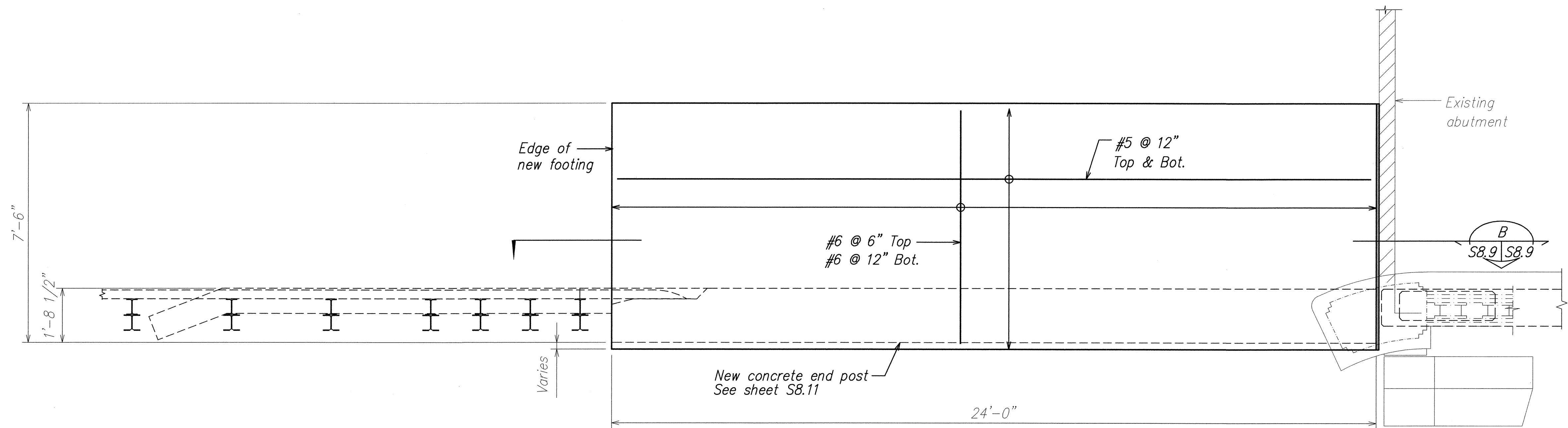


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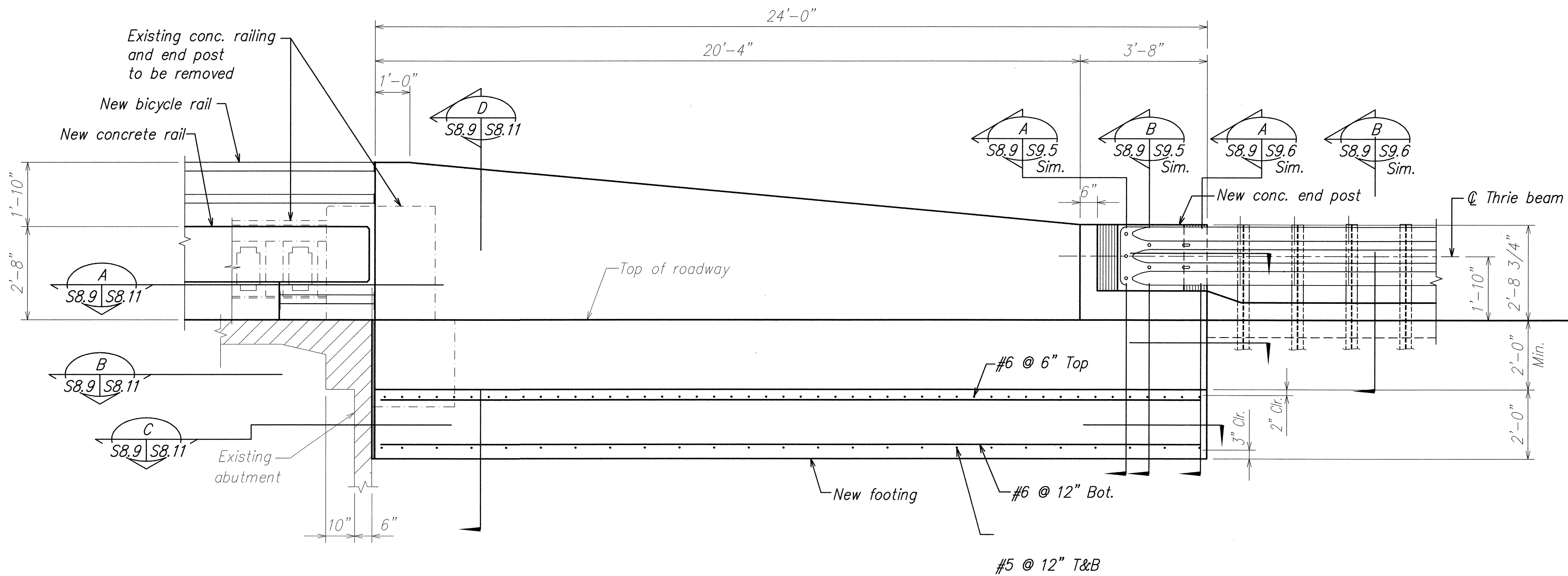
Signature: David K. Fujiwara
EXPIRATION DATE OF THE LICENSE: 4-30-04

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
EXIST. END POST PLAN, SECTION AND DETAILS
KEKUALELE BRIDGE
HAWAII BELT ROAD RESURFACING
East Paaulo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)
Scale: As Noted Date: April 2004

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	98	112

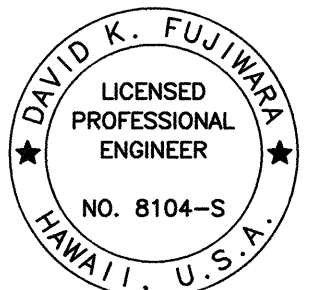


FOUNDATION PLAN - TYPE III
CONCRETE END POST UPGRADE A
SCALE: 1/2" = 1'-0" S8.9 S8.9



SECTION B
SCALE: 1/2" = 1'-0" S8.9 S8.9

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

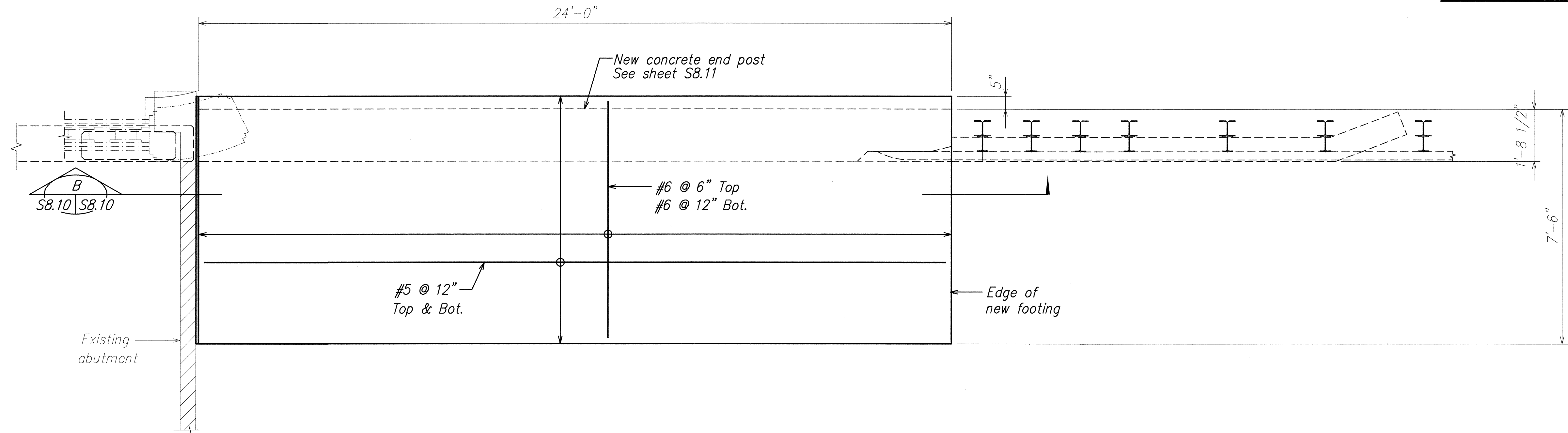


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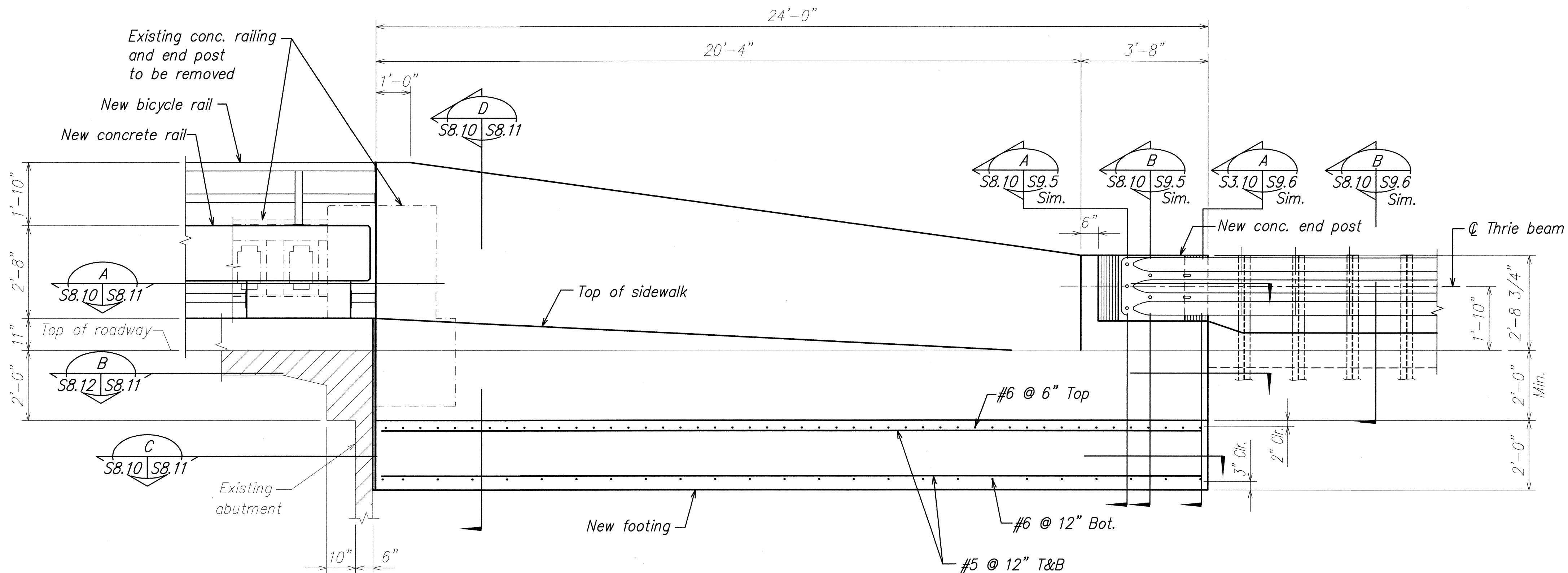
David K. Fujiwara
SIGNATURE EXPIRATION DATE OF THE LICENSE 4-30-04

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
FOUNDATION PLAN AND SECTION
KEKUALELE BRIDGE - HONOKAA/MAUKA
HAWAII BELT ROAD RESURFACING
East Paauilo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)
Scale: As Noted Date: April 2004
SHEET No. **S8.9** OF **61** SHEETS

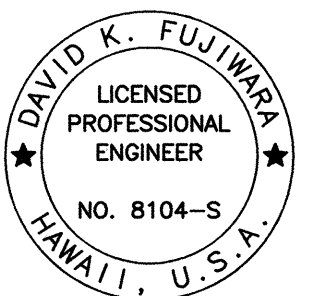
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	99	112



FOUNDATION PLAN - TYPE III
CONCRETE END POST UPGRADE A
SCALE: 1/2" = 1'-0" S8.10 S8.10



SECTION B
SCALE: 1/2" = 1'-0" S8.10 S8.10



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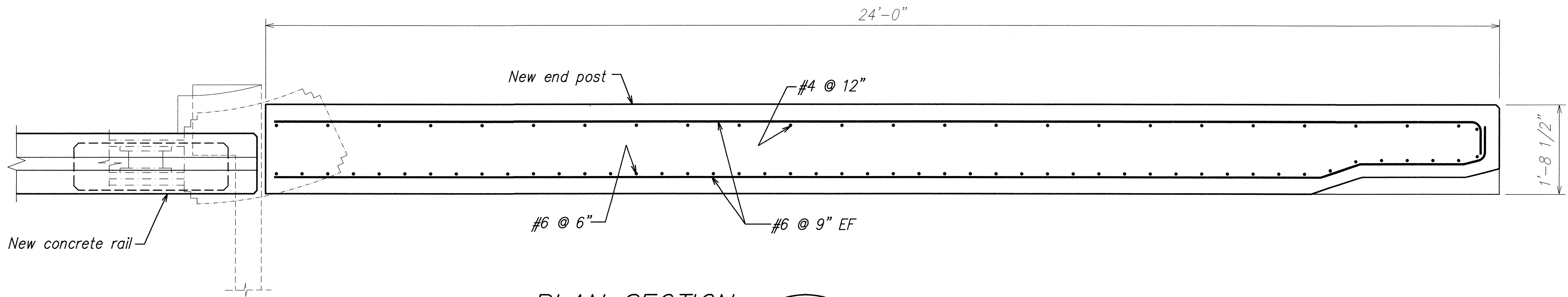
David K. Fujiwara
SIGNATURE EXPIRATION DATE OF THE LICENSE 4-30-04

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**FOUNDATION PLAN AND SECTION
KEKUALELE BRIDGE - HILO/MAKAI
HAWAII BELT ROAD RESURFACING
East Paaulo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)**

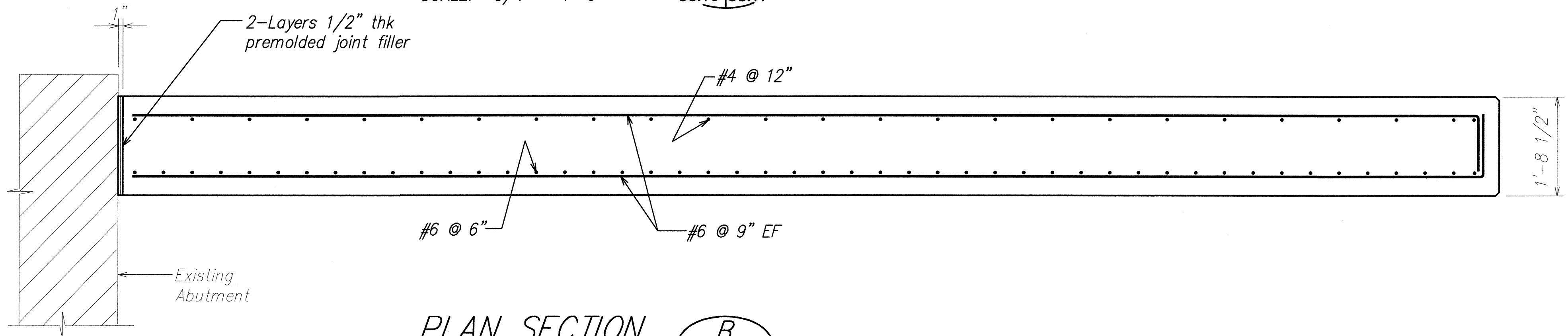
Scale: As Noted Date: April 2004

SHEET No. **S8.10** OF **61** SHEETS

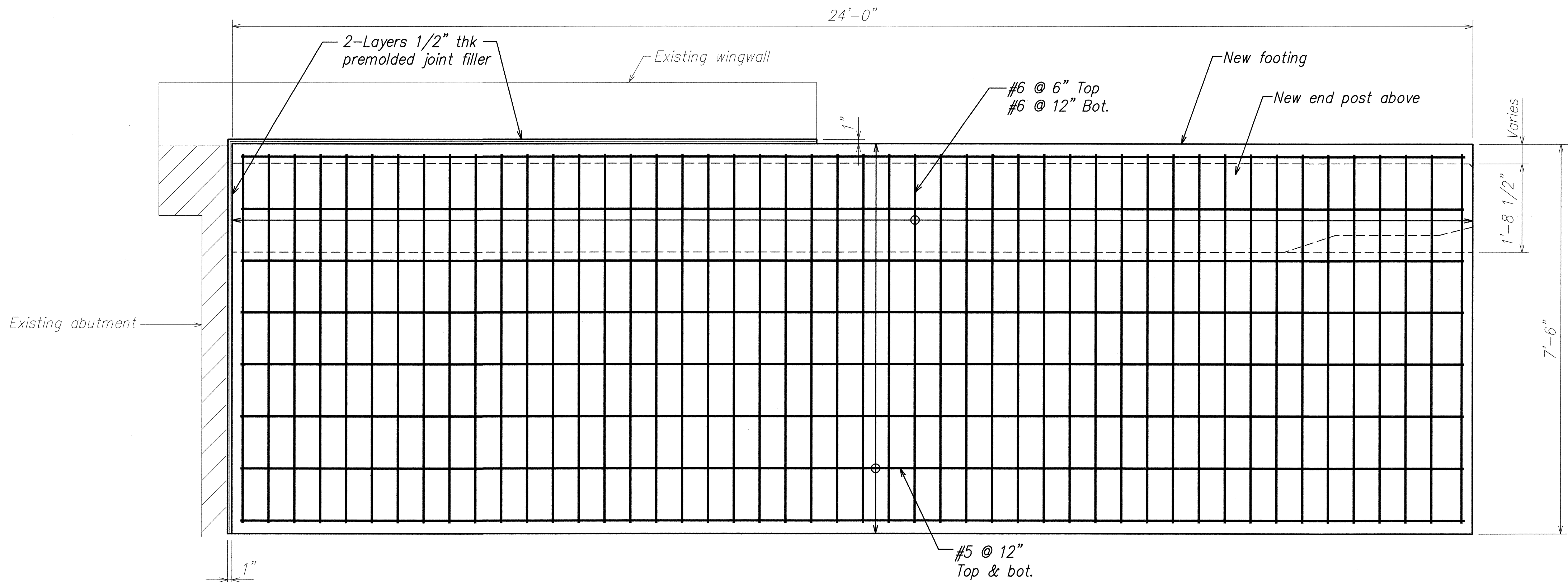
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	100	112



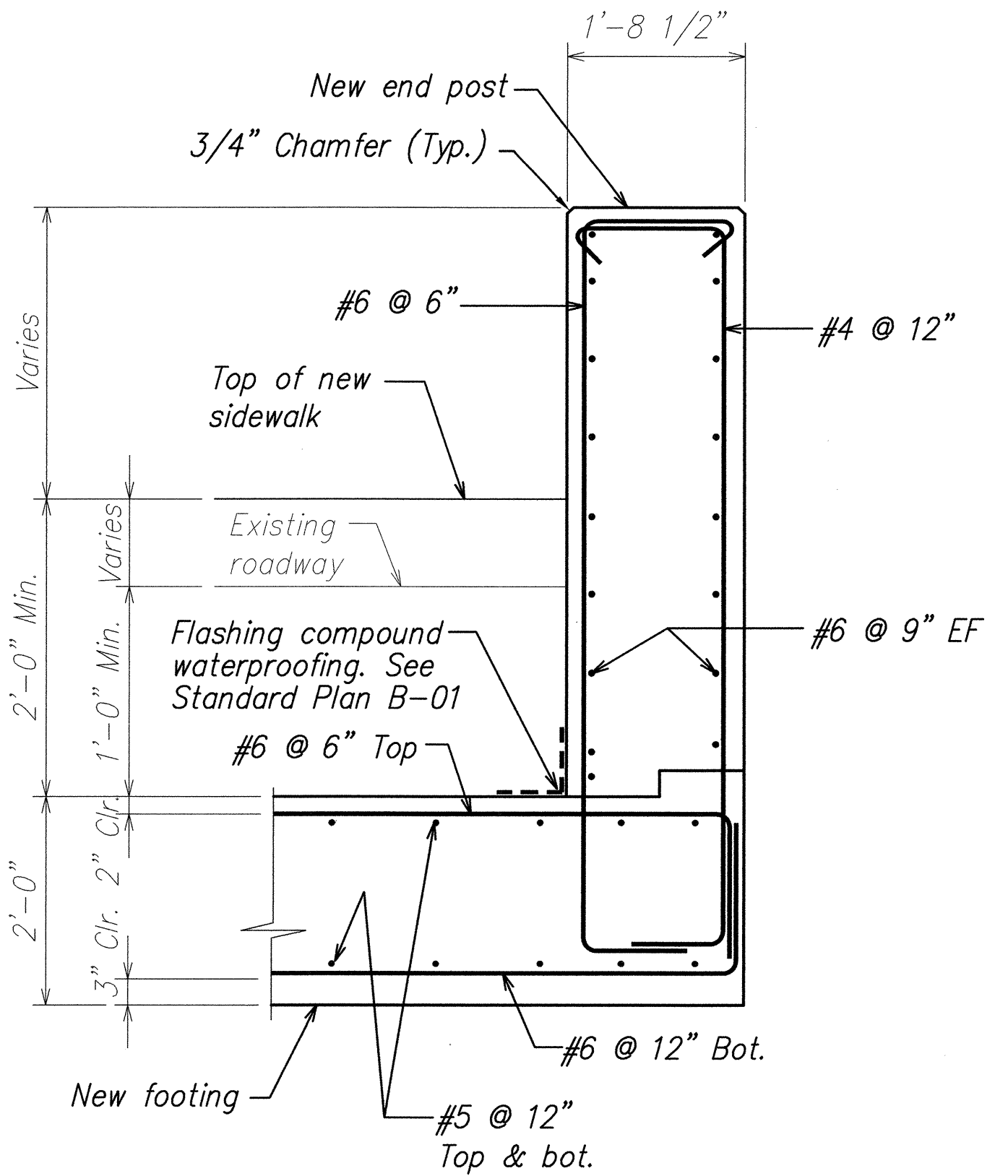
PLAN SECTION A
SCALE: 3/4" = 1'-0" S8.10 S8.11



PLAN SECTION B
SCALE: 3/4" = 1'-0" S8.10 S8.11

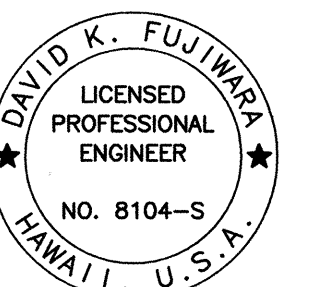


PLAN SECTION C
SCALE: 3/4" = 1'-0" S8.10 S8.11



SECTION D
SCALE: 3/4" = 1'-0" S8.10 S8.11

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	CHECKED BY	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *David K. Fujiwara* 4-30-04
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SECTIONS AND DETAILS
KEKUALELE BRIDGE
HAWAII BELT ROAD RESURFACING
East Paaulo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

Scale: As Noted Date: April 2004

SHEET No. **S8.11** OF **61** SHEETS