

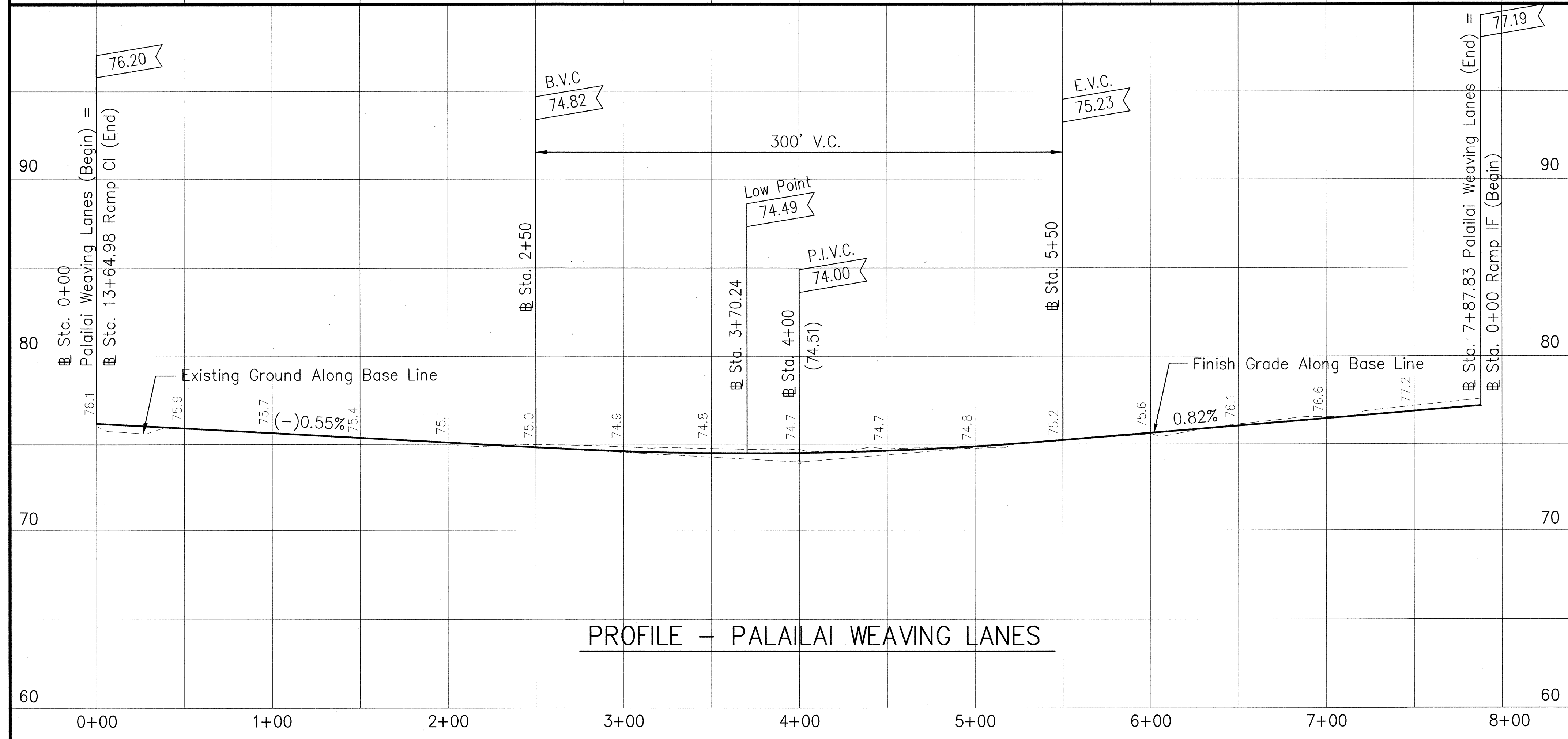
DATE: 12/18/98
PLOT SCALE: 1"=1'
FILE: PI-PROFILE.DWG
JOB NO. 9810B

PM: LKH
OPER: LSA/PT*/MAM
REVISED: 04/16/01

DESIGNED BY	DATE
NOTED BY	
CHECKED BY	
QUANTITIES BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
QUANTITIES BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
QUANTITIES BY	

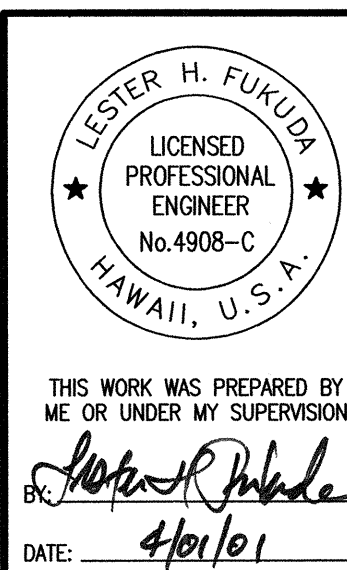
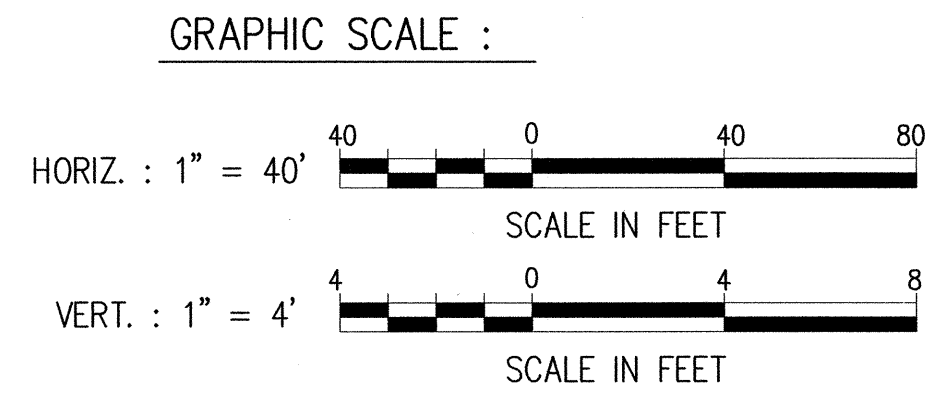


PROFILE - RAMP CI



PROFILE - PALAILAI WEAVING LANES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	18	103



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

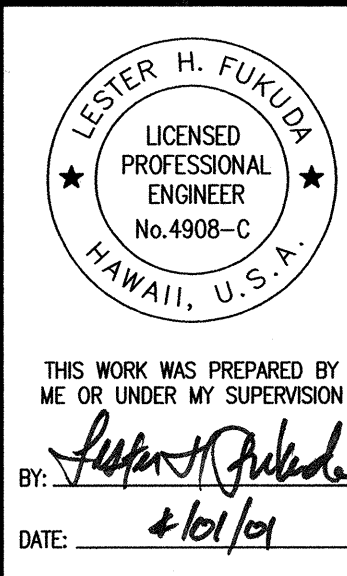
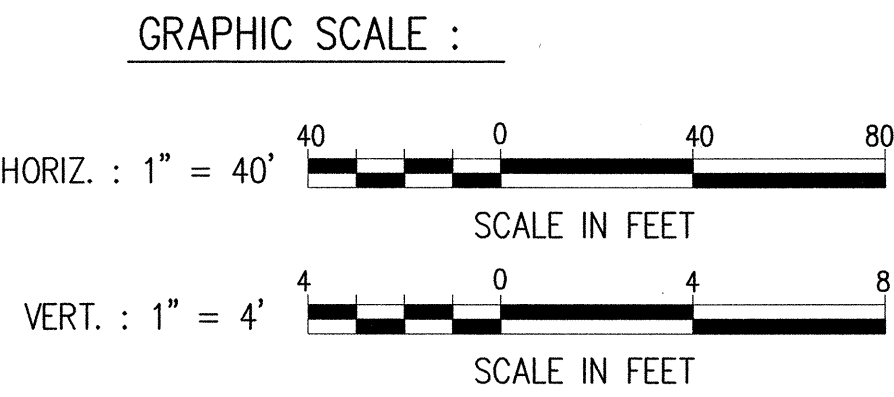
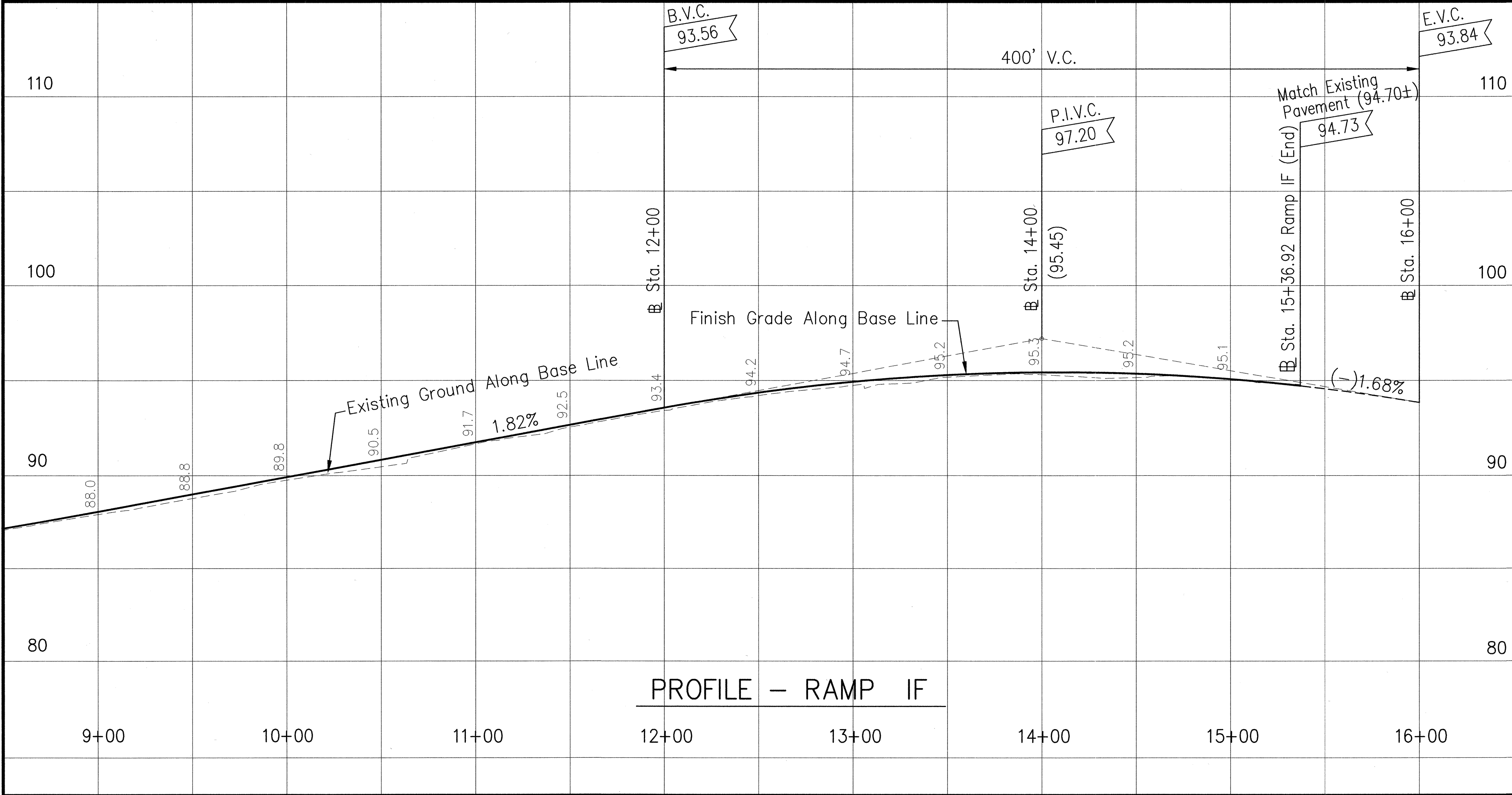
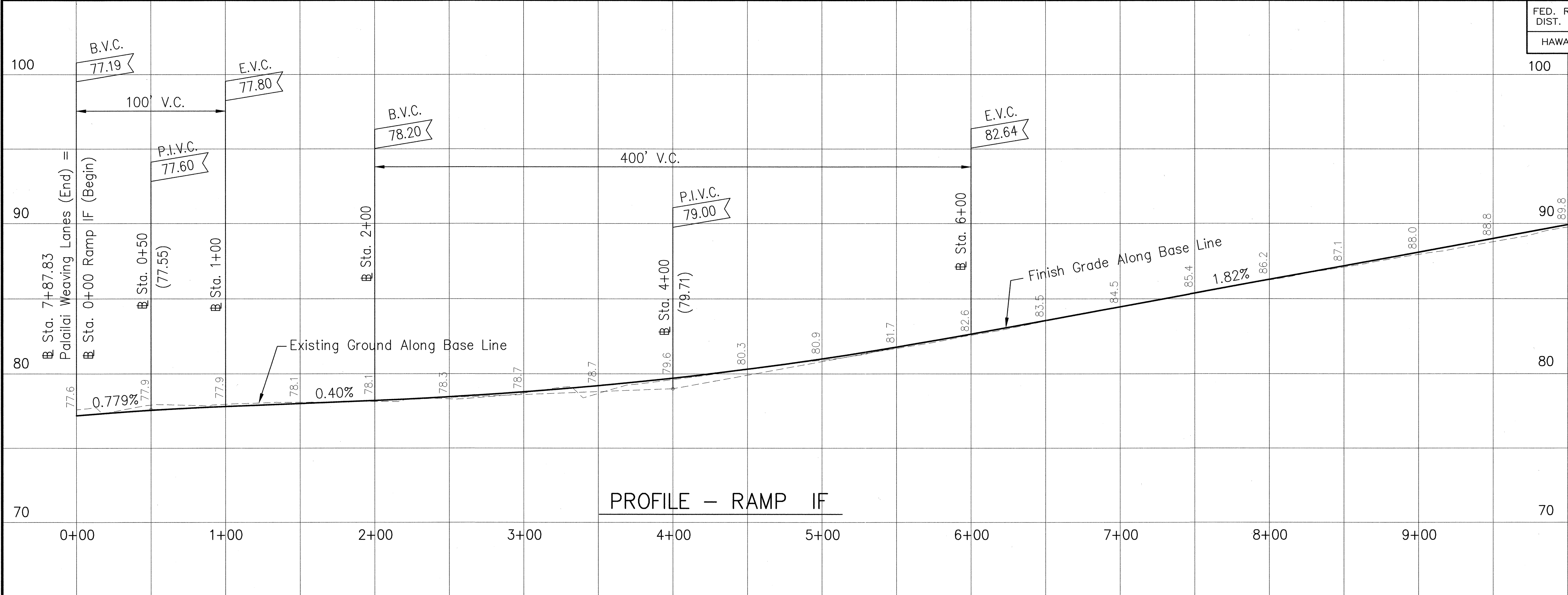
ROADWAY PROFILES

Ramp CI & Palailai Weaving Lanes
INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Noted Date: 4/01/01

SHEET NO. C13 OF 18 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	19	103



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PROFILES

Ramp IF
INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Noted Date: 4/01/01

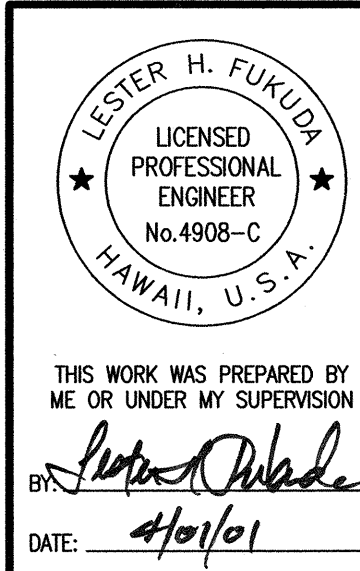
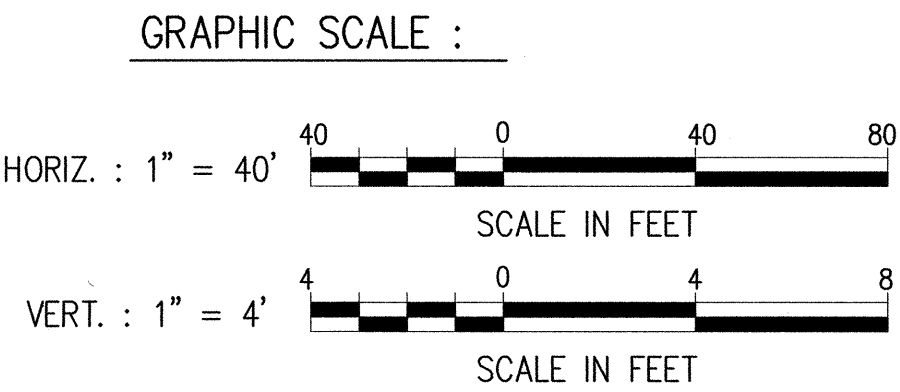
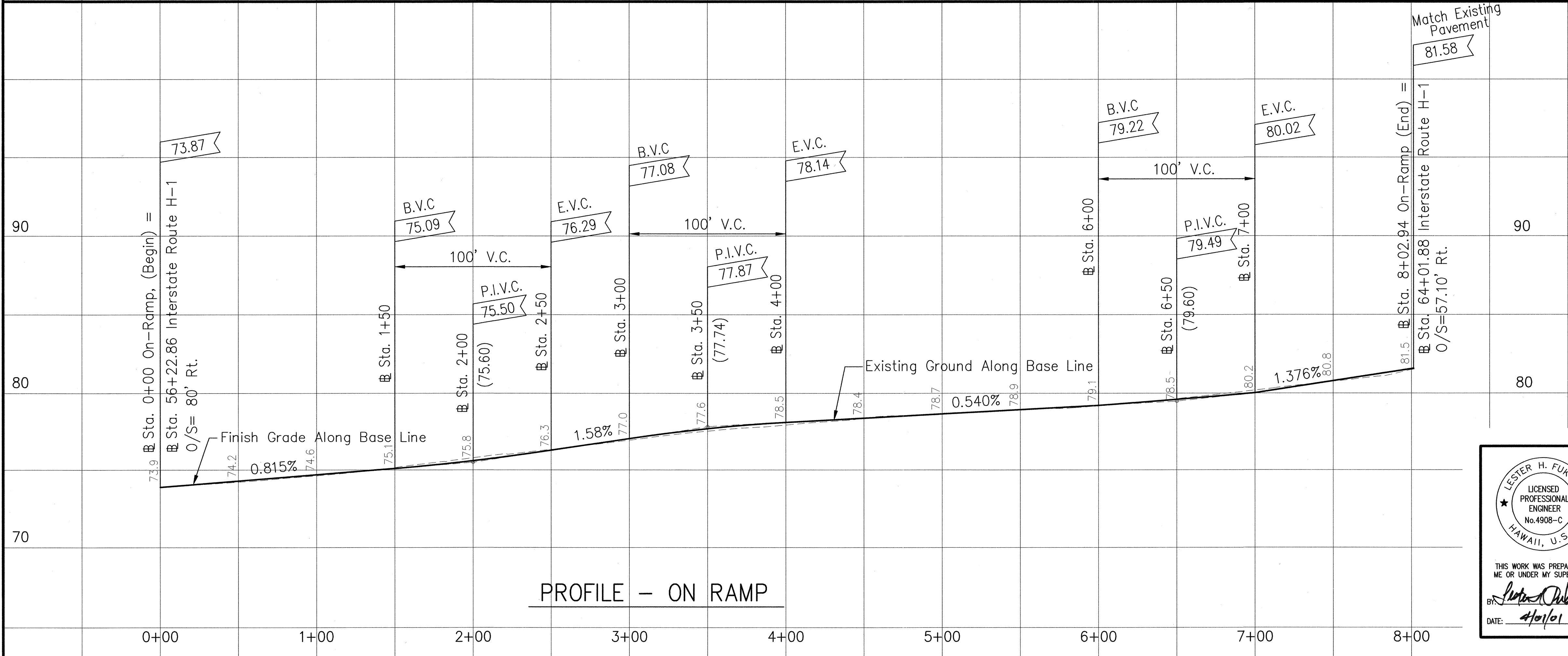
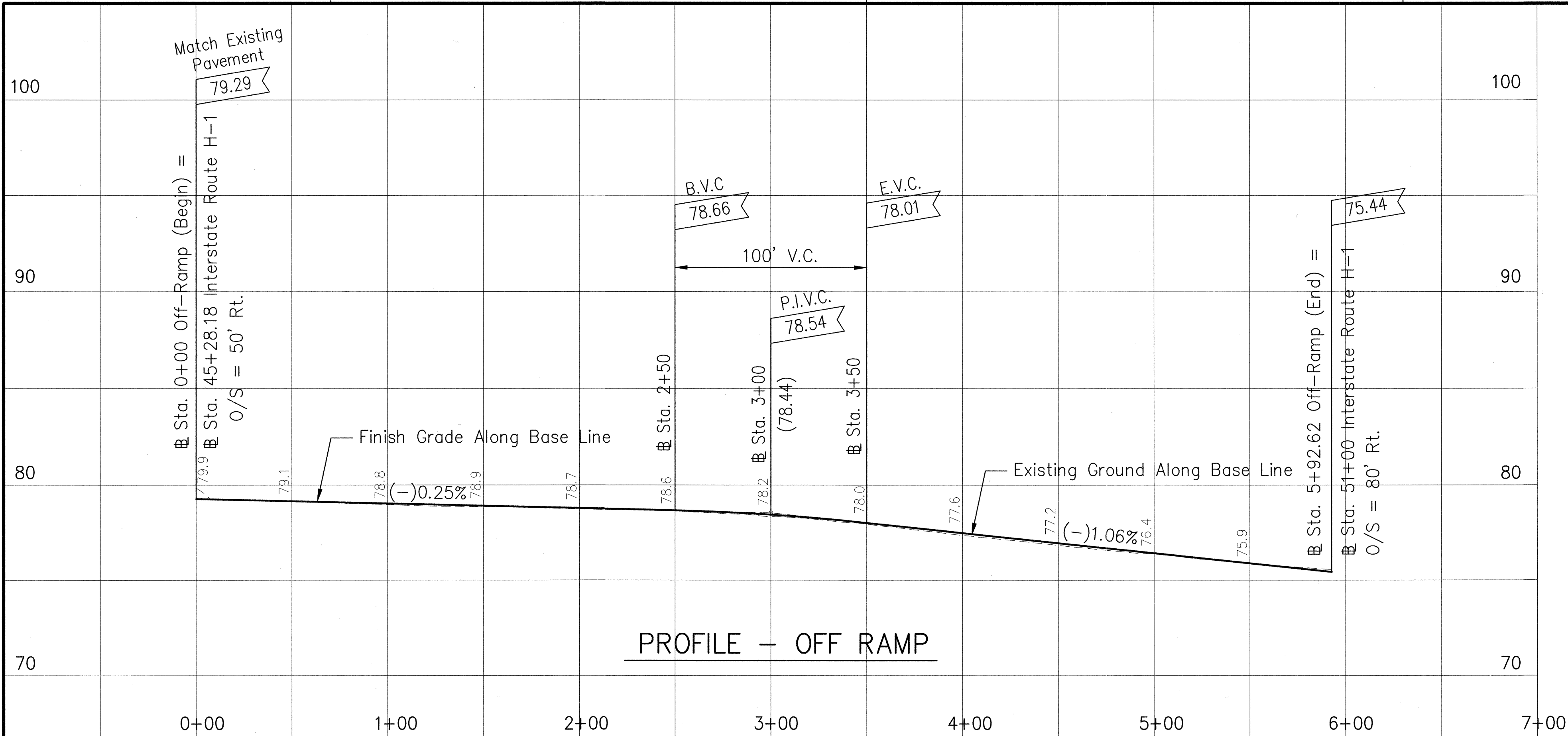
SHEET NO. C14 OF 18 SHEETS

DATE: 12/18/98
PLOT SCALE: 1"=1
FILE: PI-PROFILE.DWG
JOB NO. 9810B

PM: LKH
OPER: LSA/PT*/MAM
REVISED: 04/16/01

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	20	103



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PROFILES

Off-Ramp and On-Ramp
INTERSTATE ROUTE H-1

Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Noted Date: 4/01/01

SHEET NO. C15 OF 18 SHEETS

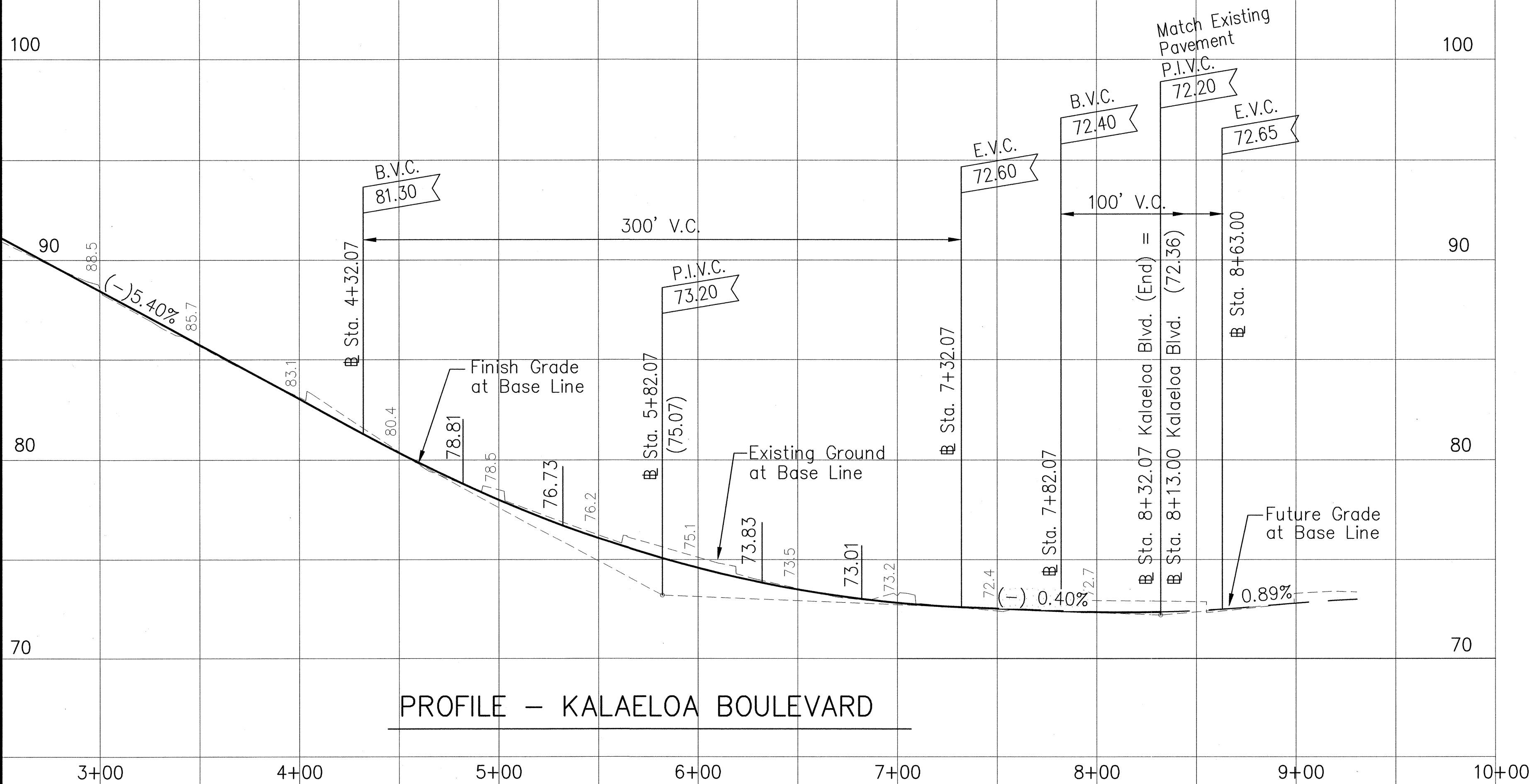
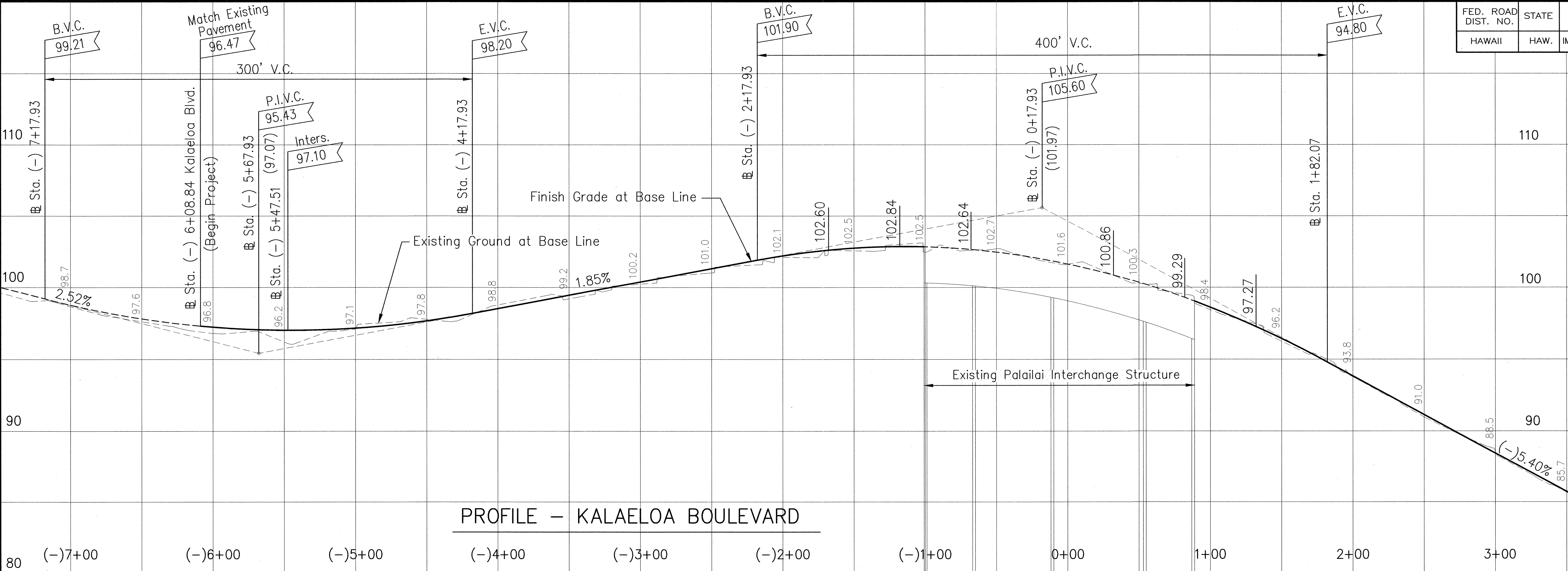
DATE: 12/18/98
PLOT SCALE: 1"=1'
FILE: PI-PROFILE.DWG
JOB NO. 9810B

PM: LKH
OPER: LSA/PT*/MAM
REVISED: 04/16/01

SURVEY PLOTTED BY: _____ DATE: _____
DRAWN BY: _____
DESIGNED BY: _____
QUANTITIES BY: _____
CHECKED BY: _____

ORIGINAL PLAN _____
NOTEBOOK _____
No. _____

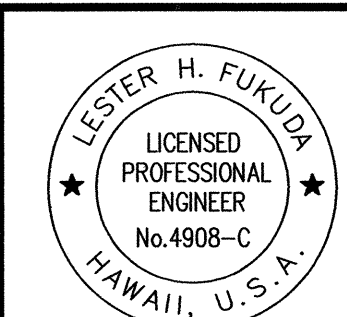
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	21	103



GRAPHIC SCALE

HORIZ.: 1" = 40'

VERT.: 1" = 4'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PROFILES

Kalaeloa Boulevard
INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Noted Date: 4/01/01

SHEET NO. C16 OF 18 SHEETS

DATE: 12/18/98
PLOT SCALE: 1"=1
FILE: PI-PROF-KAL.DWG
JOB NO: 9810B

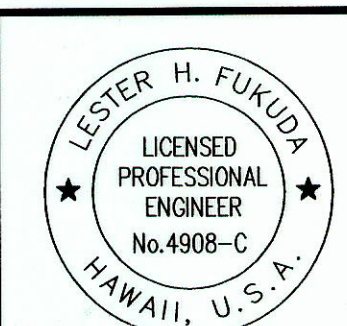
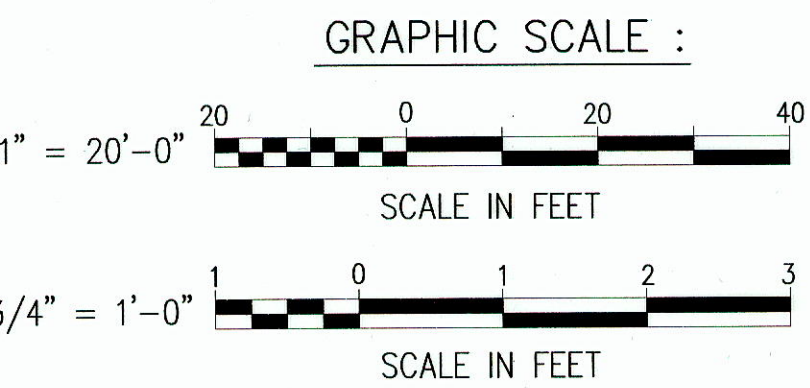
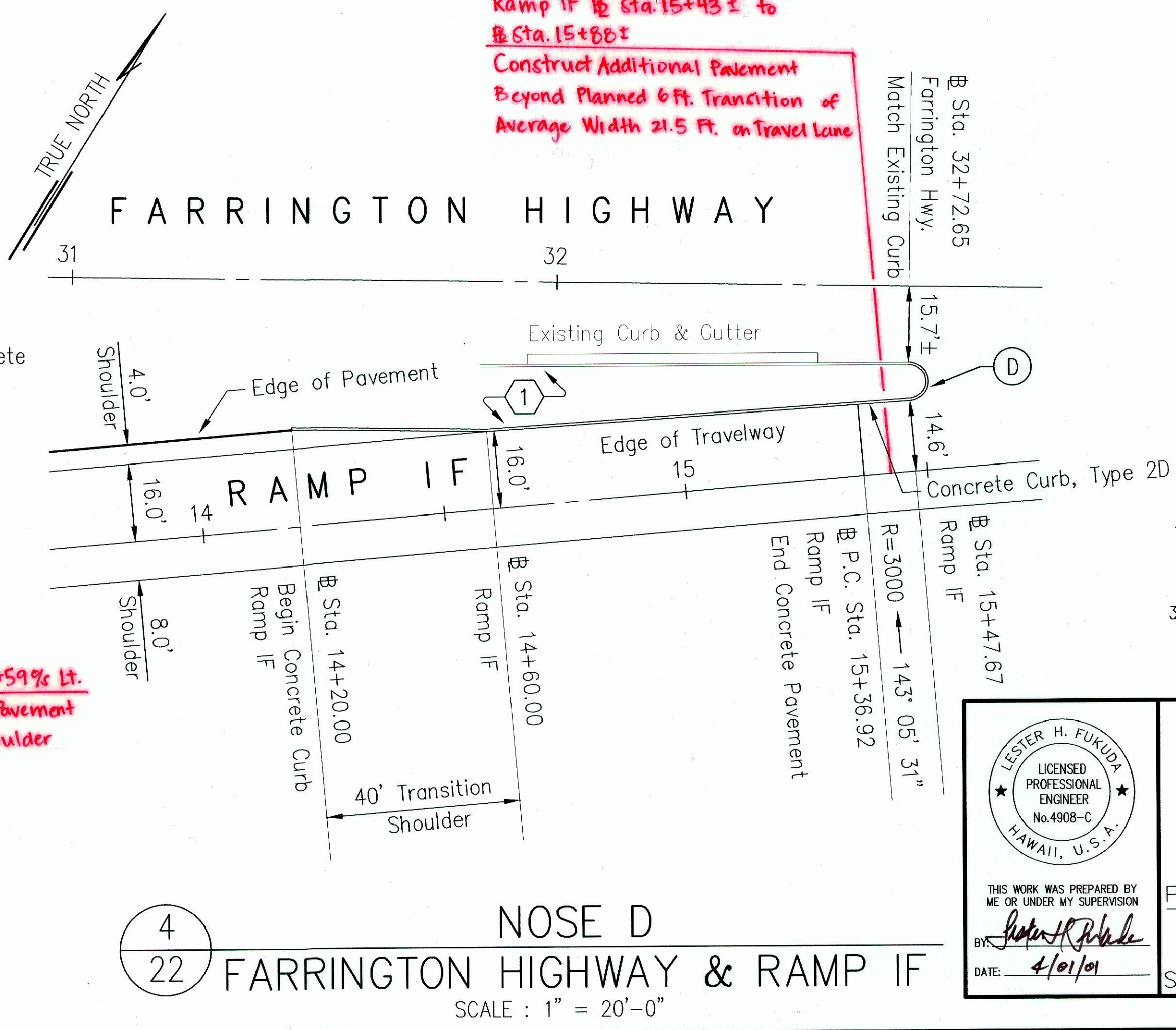
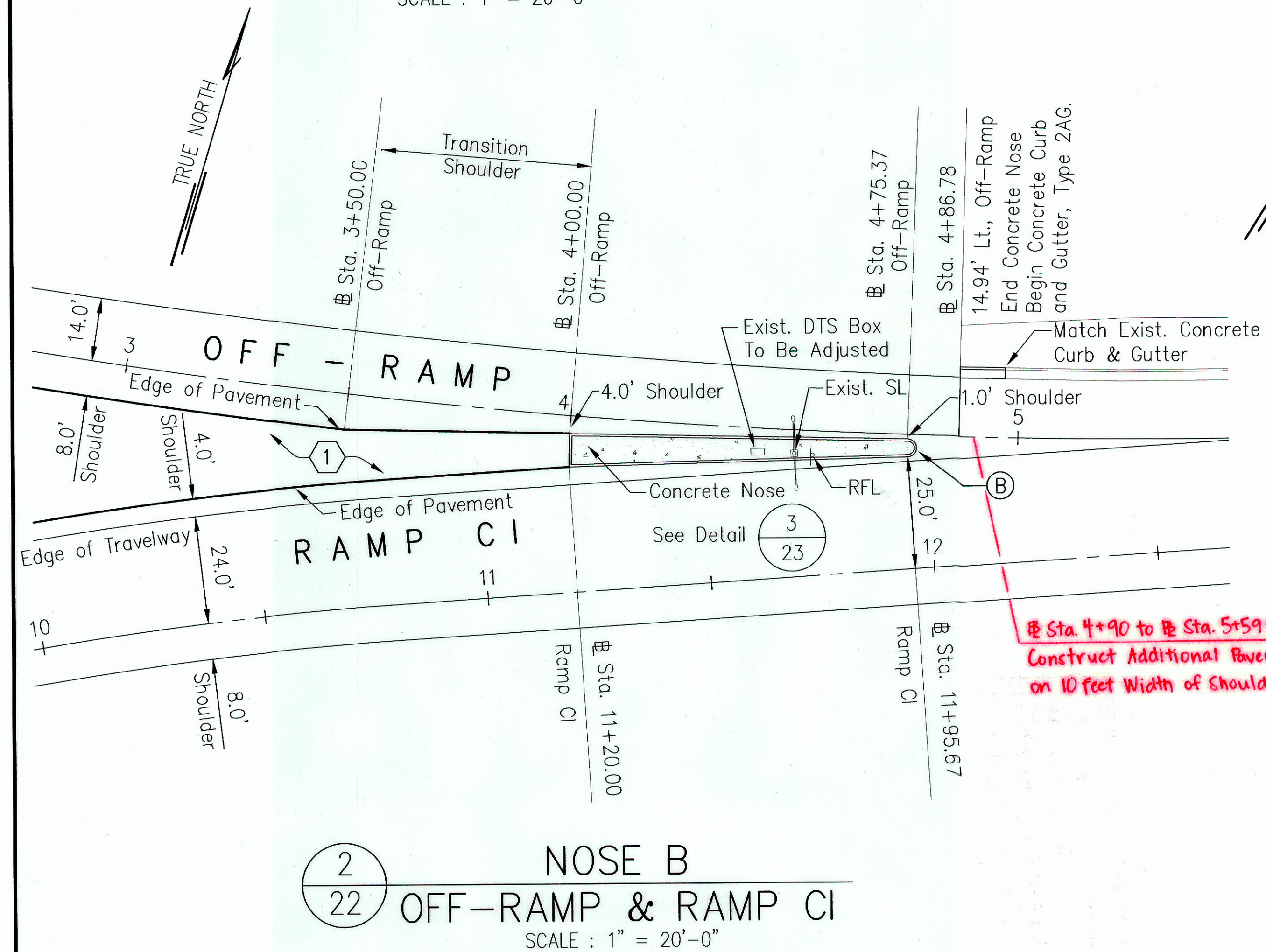
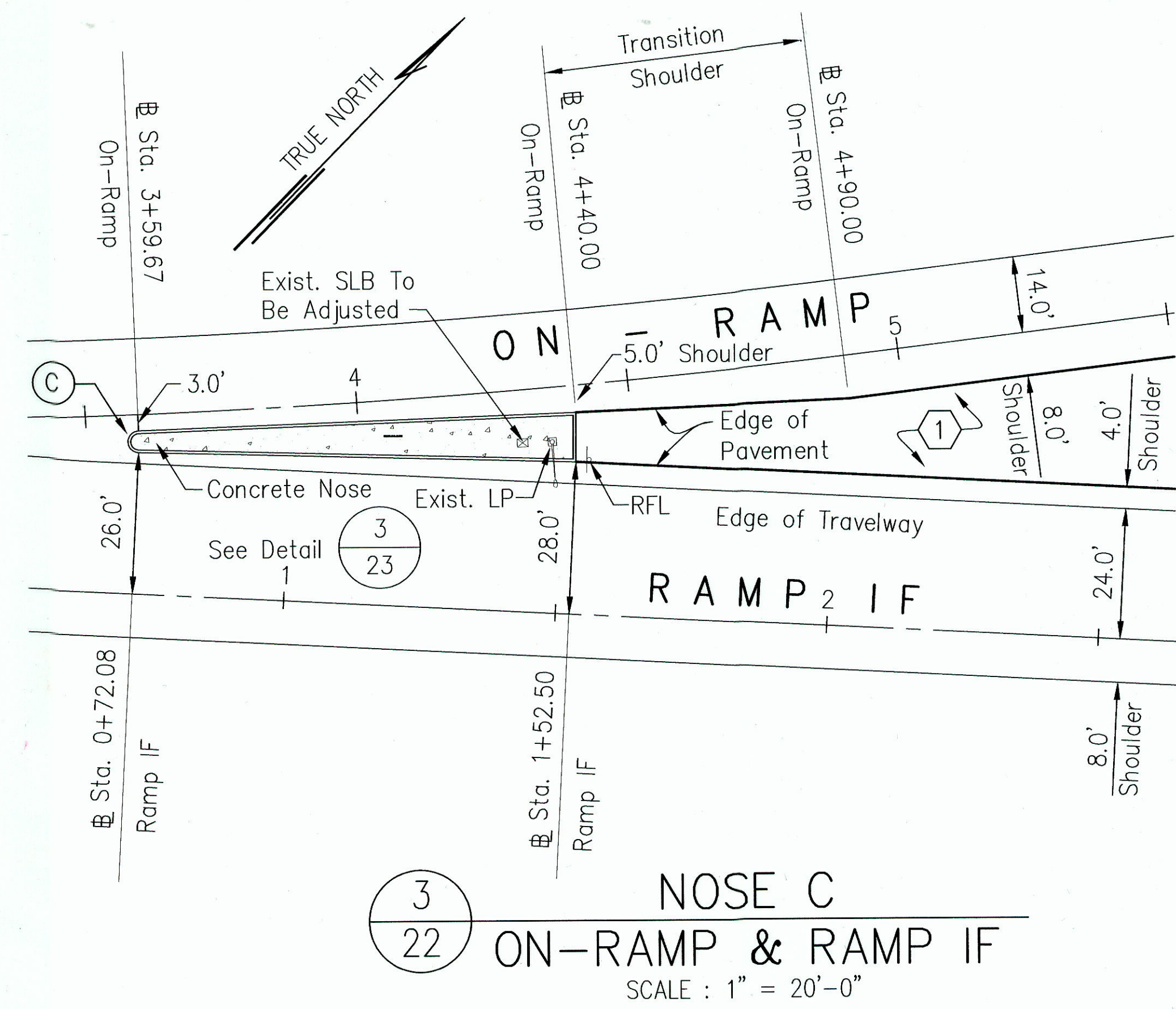
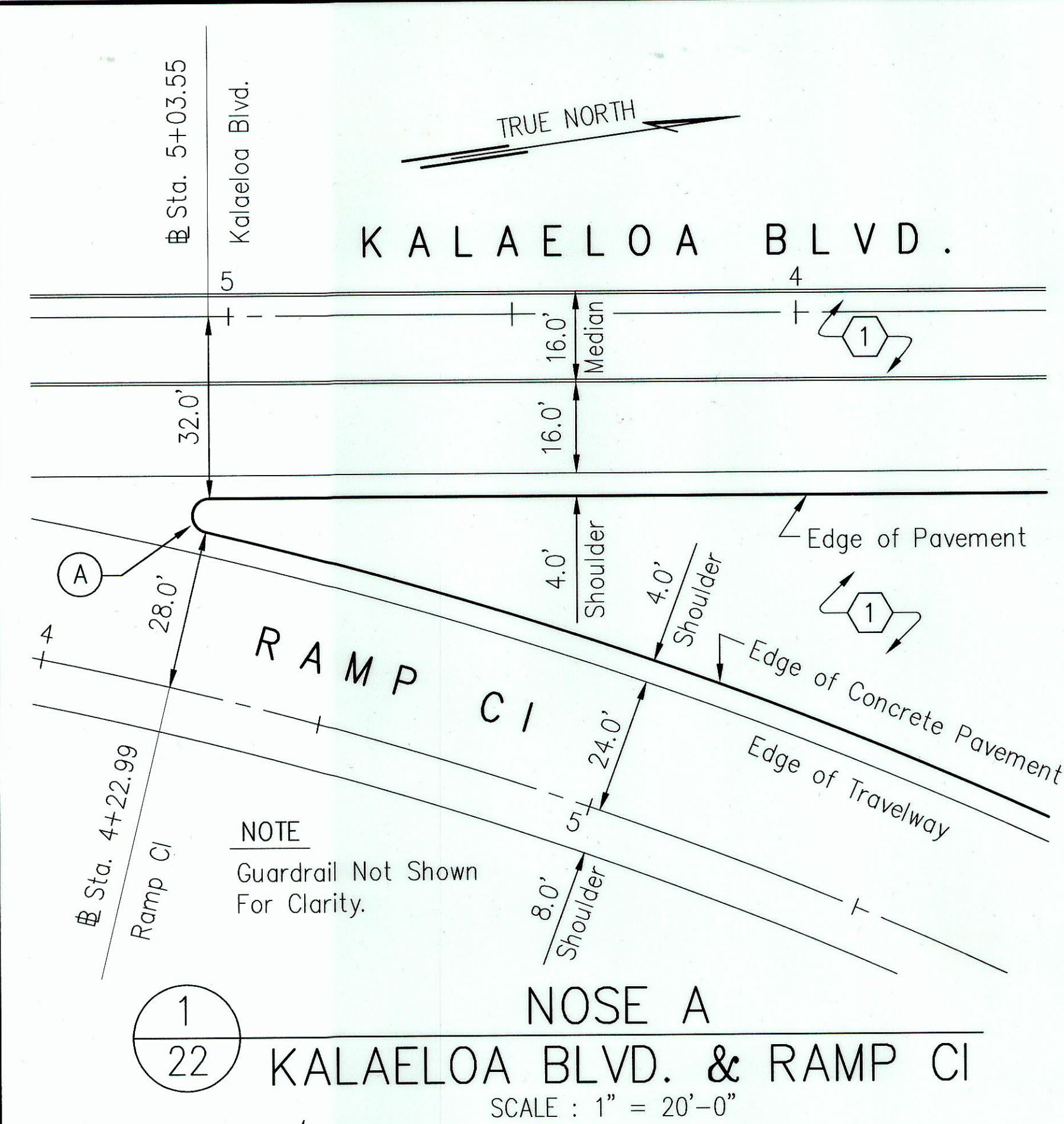
DESIGNED BY	DATE
CHECKED BY	
QUANTITIES BY	
NOTED BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	22	103

	(A)	(B)	(C)	(D)
△	166° 34' 35"	177° 22' 49"	176° 22' 43"	176° 9' 13"
△/2	83° 17' 17.5"	88° 41' 24.5"	88° 11' 21.5"	88° 4' 36.5"
R	3.00'	2.00'	2.00'	4.00'
T	25.49'	87.47'	63.26'	119.12'
Ch	5.96'	4.00'	4.00'	8.00'
Lc	8.72'	6.19'	6.16'	12.30'

KEY:

1 Area of Grass Restoration, See Detail 2/23



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NOSING DETAILS

INTERSTATE ROUTE H-1

Palilalai Interchange Reconstruction

F.A.I. Project No. IM-NH-H1-1(239)

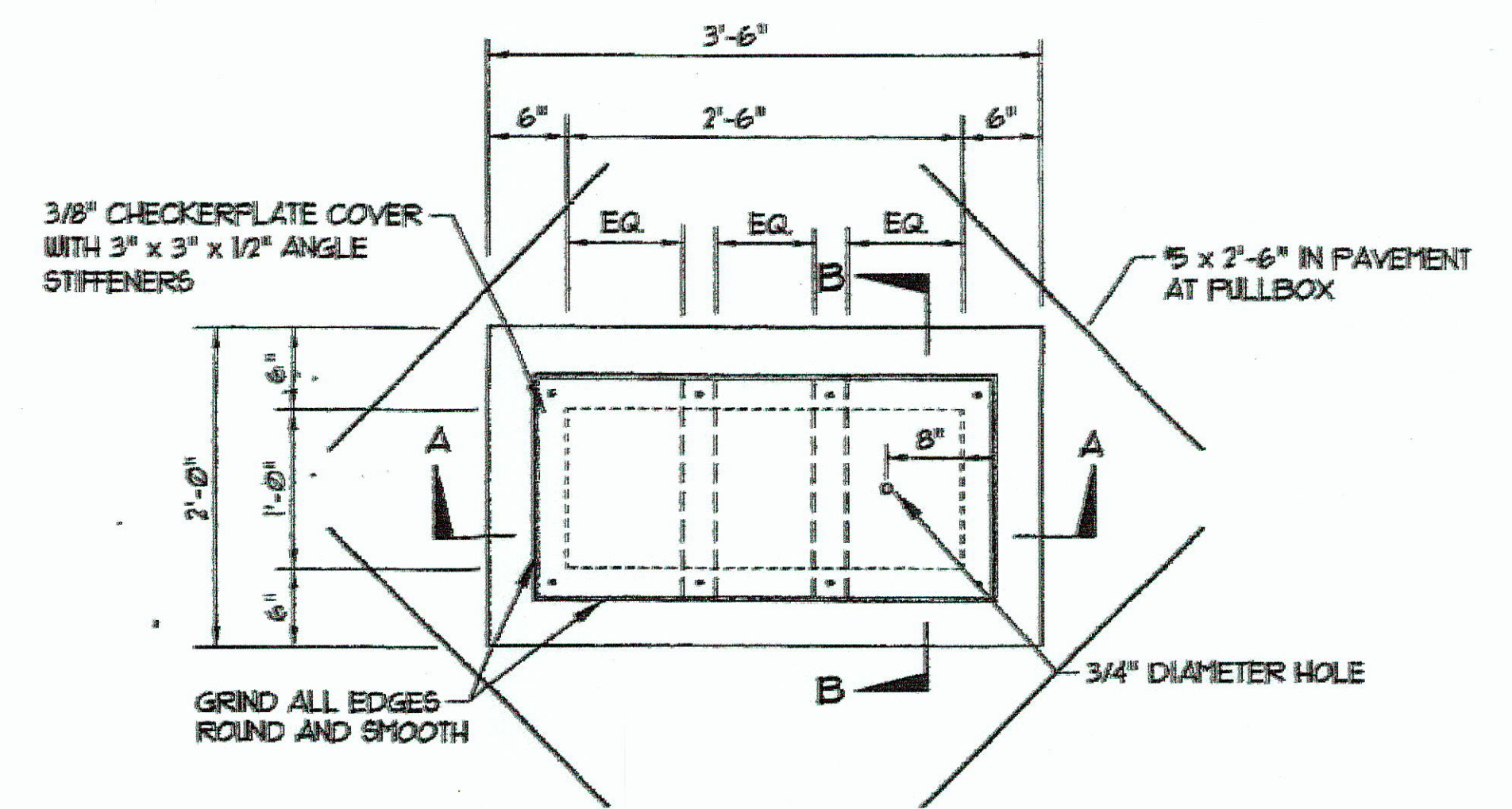
Scale: As Noted Date: 4/01/01

SHEET NO. C17 OF 18 SHEETS

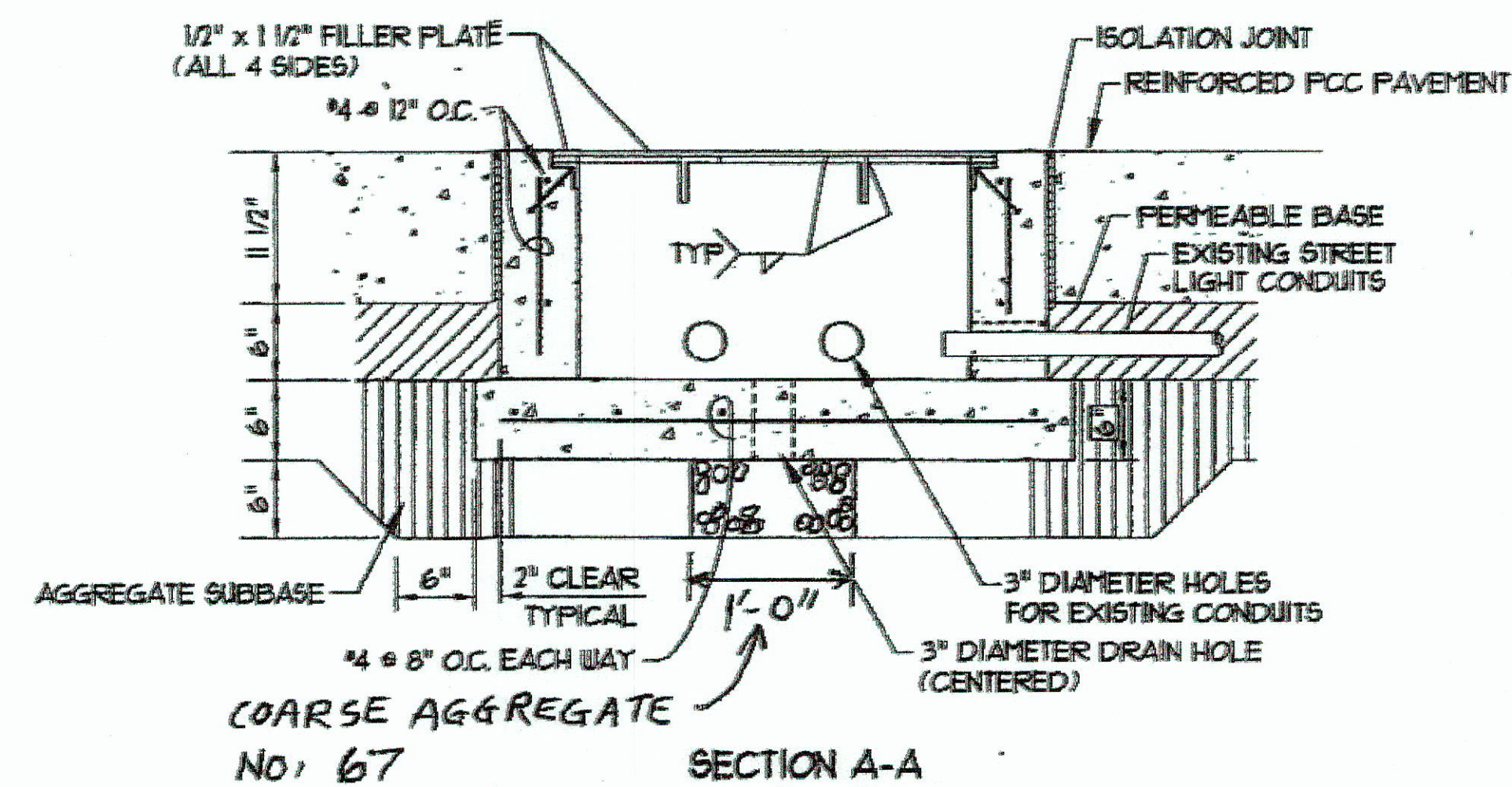
"AS-BUILT"

DATE	09/30/99
PM: REF	
OPER: MAM/PT*	
REVIS: 04/16/01	
FILE: P1-NOSE.DWG	
JOB NO. 9810B	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTES	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-HI-1(239)	2001	238-1	103



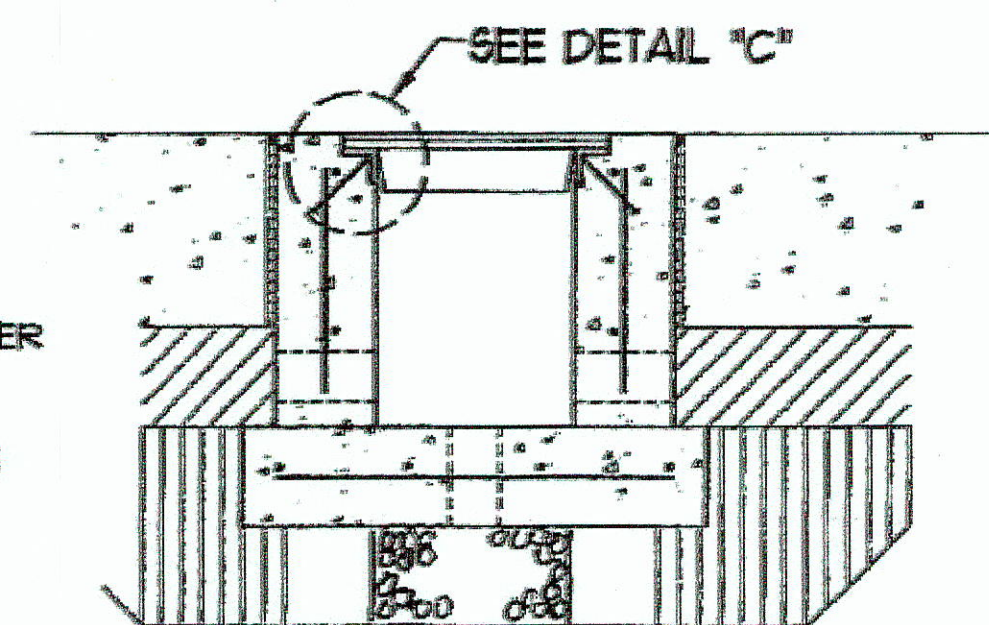
PLAN



SECTION A-A

NOTE

CONTRACTOR SHALL FIELD VERIFY NUMBER AND LOCATION OF 3" DIAMETER OPENINGS REQUIRED FOR EXISTING CONDUITS. EXTENSION OF EXISTING WIRING, CONDUITS AND RECONNECTION SHALL BE INCLUDED.



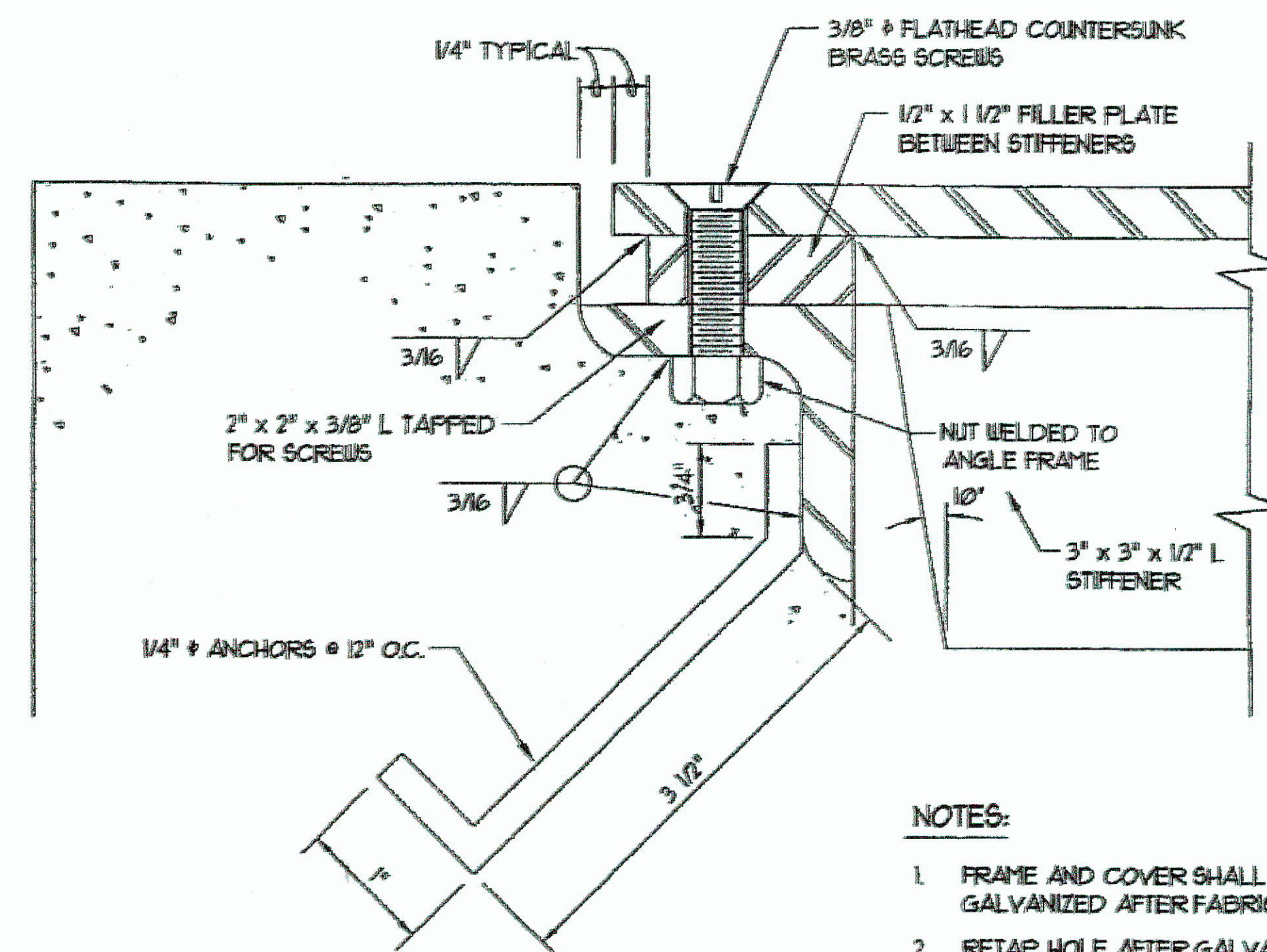
COARSE AGGREGATE No. 67

SECTION B-B

6
23A

TRAFFIC RATED PULLBOX

SCALE: 1" = 1'-0"



DETAIL "C"

NOT TO SCALE

NOTES:

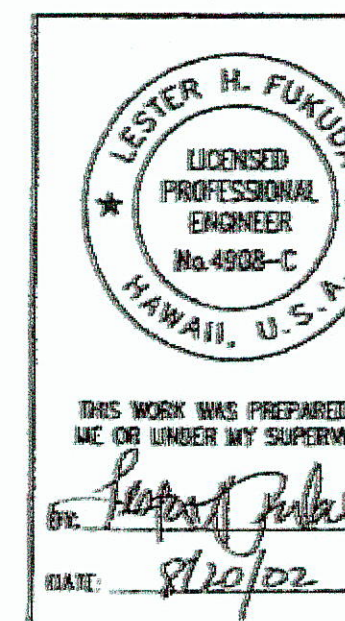
1. FRAME AND COVER SHALL BE HOT DIP GALVANIZED AFTER FABRICATION
2. RETAP HOLE AFTER GALVANIZING, THREADS TO MATCH BOLT.
3. TAP FROM NUTSIDE.

GRAPHIC SCALE



REV. NO.	DATE	DESCRIPTION
1	8/27/15	C.C.O. No. 2
	8/15/02	ADDED SHEET - TRAFFIC RATED PULL BOX

REVISION BLOCK



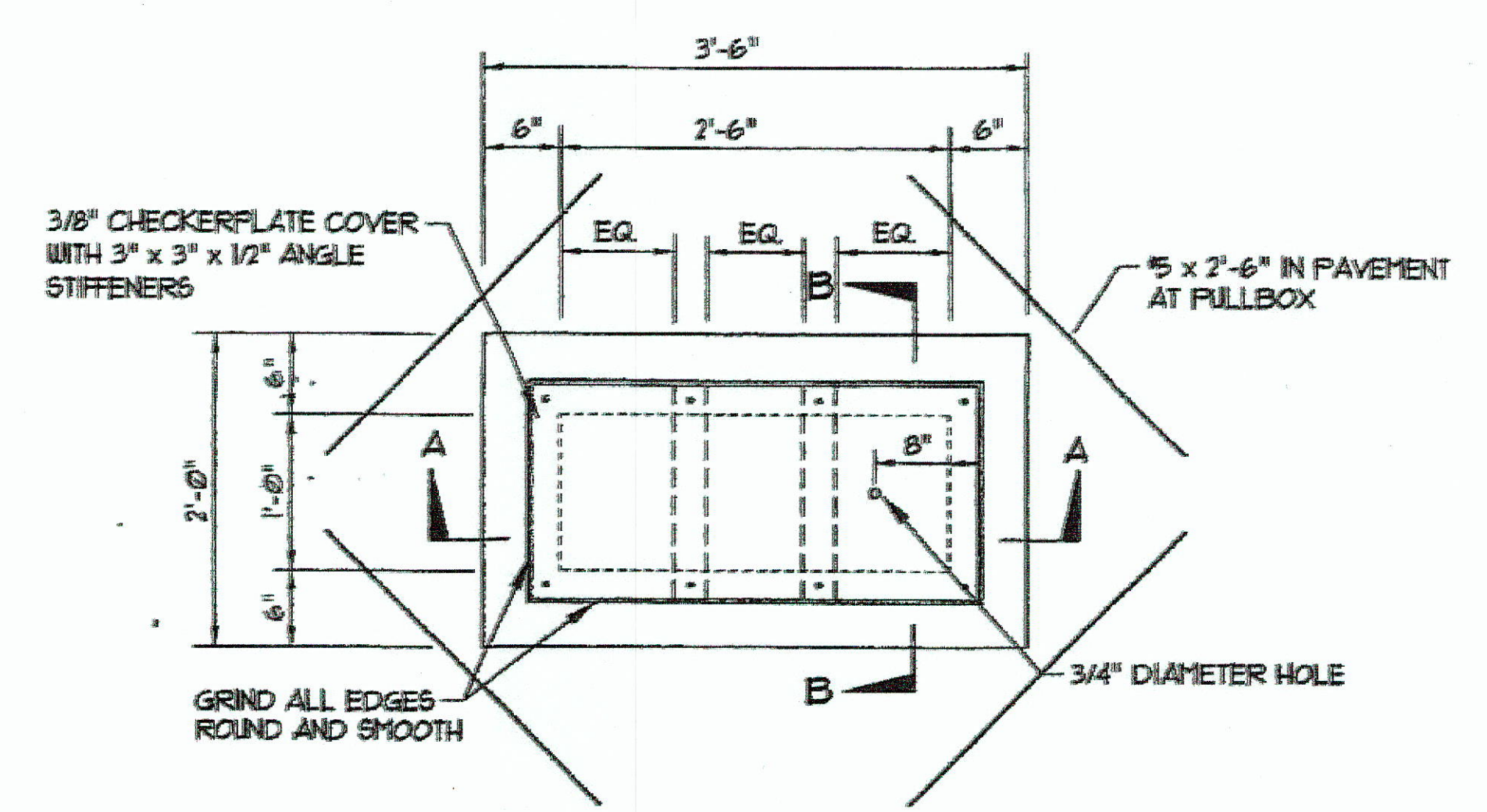
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
MISCELLANEOUS DETAILS
INTERSTATE ROUTE H-1 Palailai Interchange Reconstruction F.A.I. Project No. IM-NH-HI-1(239)
Scale: As Shown Date: 07/24/02

SHEET NO. C18A OF 18 SHEETS

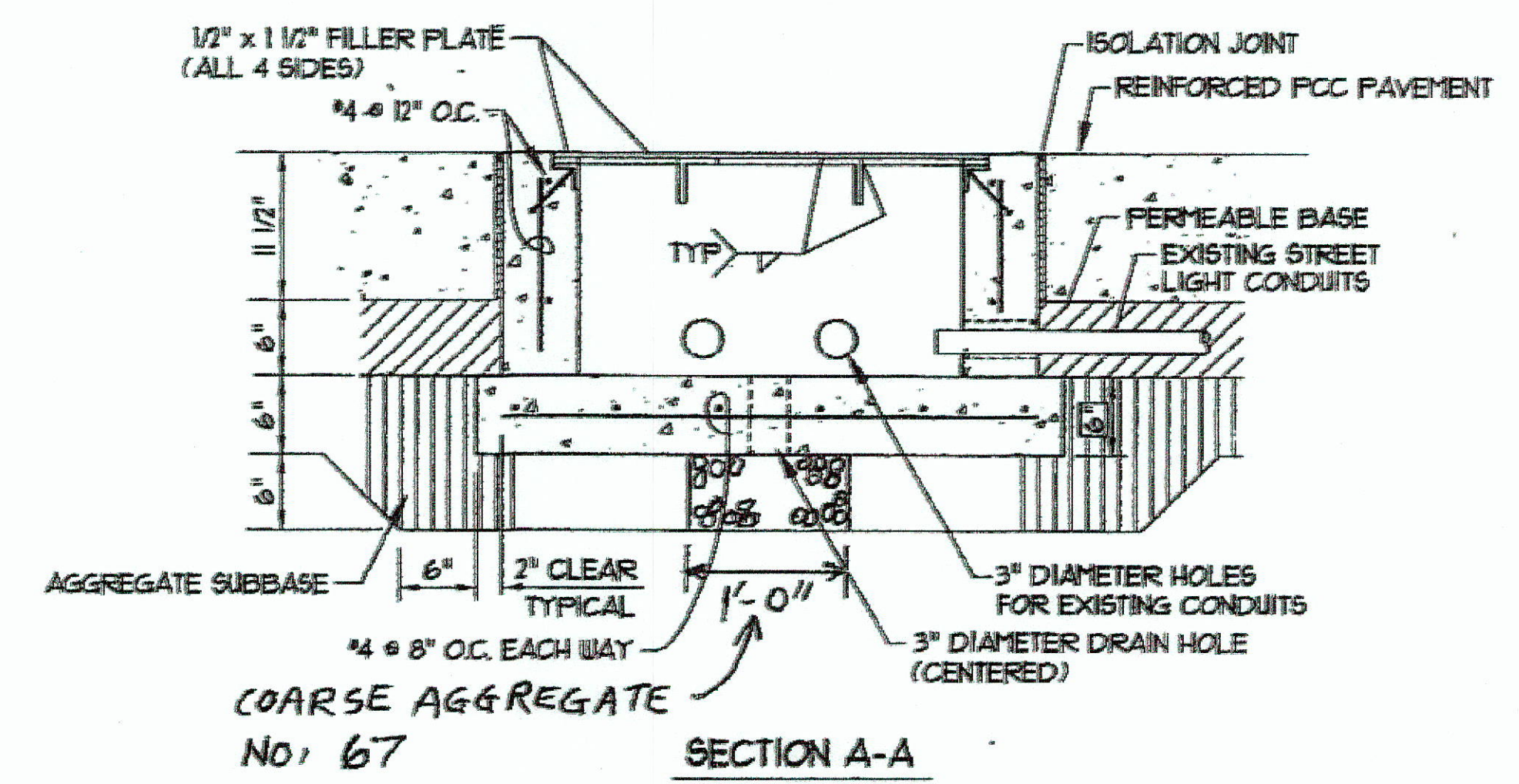
"AS-BUILT"

C.O. 23A-S-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-HI-1(239)	2001	238-1	103

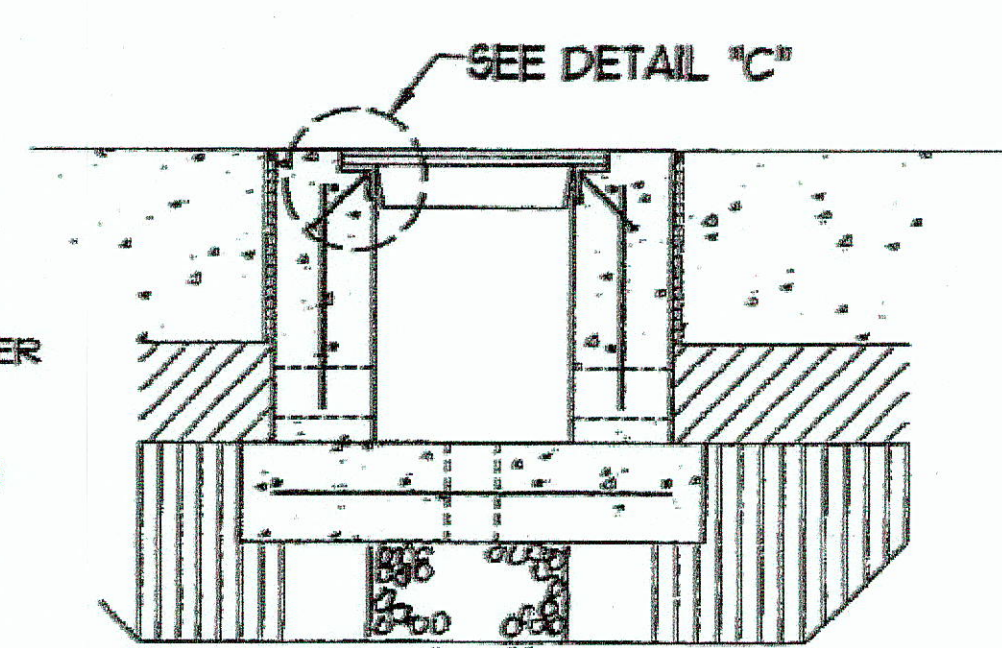


PLAN



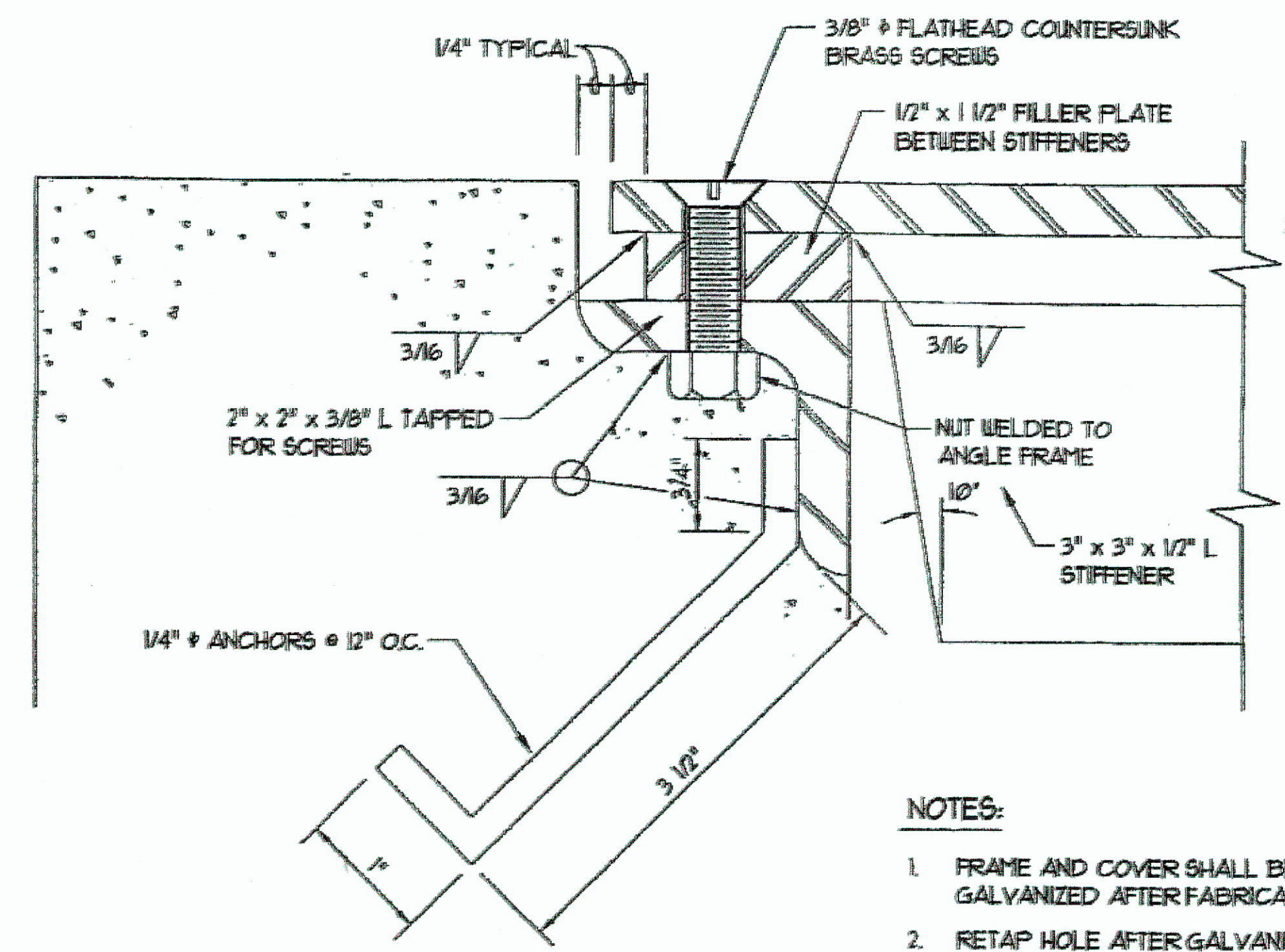
SECTION A-A

NOTE
CONTRACTOR SHALL FIELD VERIFY NUMBER AND LOCATION OF 3" DIAMETER OPENINGS REQUIRED FOR EXISTING CONDUITS. EXTENSION OF EXISTING WIRING, CONDUITS AND RECONNECTION SHALL BE INCLUDED.



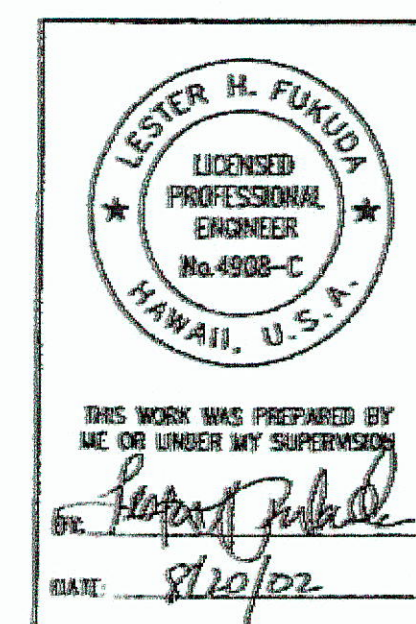
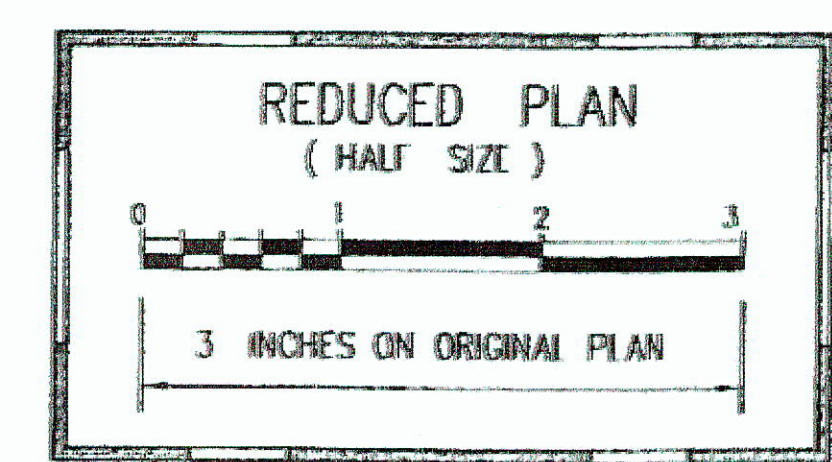
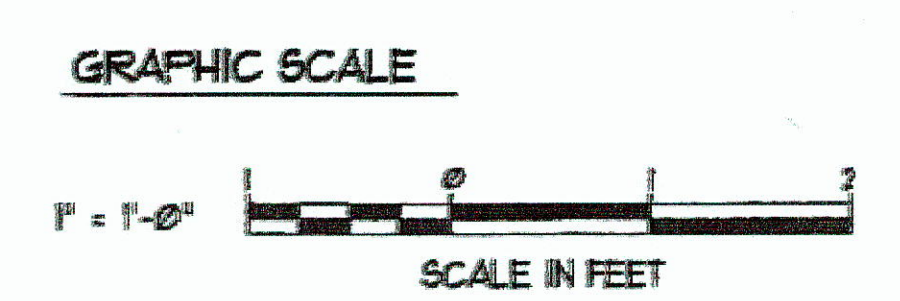
SECTION B-B

6
23A
TRAFFIC RATED PULLBOX
SCALE: 1" = 1'-0"



DETAIL "C"
NOT TO SCALE

- NOTES:**
1. FRAME AND COVER SHALL BE HOT DIP GALVANIZED AFTER FABRICATION
 2. RETAP HOLE AFTER GALVANIZING, THREADS TO MATCH BOLT.
 3. TAP FROM OUTSIDE.



REV. NO.	DATE	DESCRIPTION
1	8/27/15	C.C.O. No. 2
1	8/15/02	ADDED SHEET - TRAFFIC RATED PULL BOX

REVISION BLOCK

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS DETAILS

INTERSTATE ROUTE H-1
Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-HI-1(239)

Scale: As Shown Date: 07/24/02

SHEET NO. C18A OF 18 SHEETS

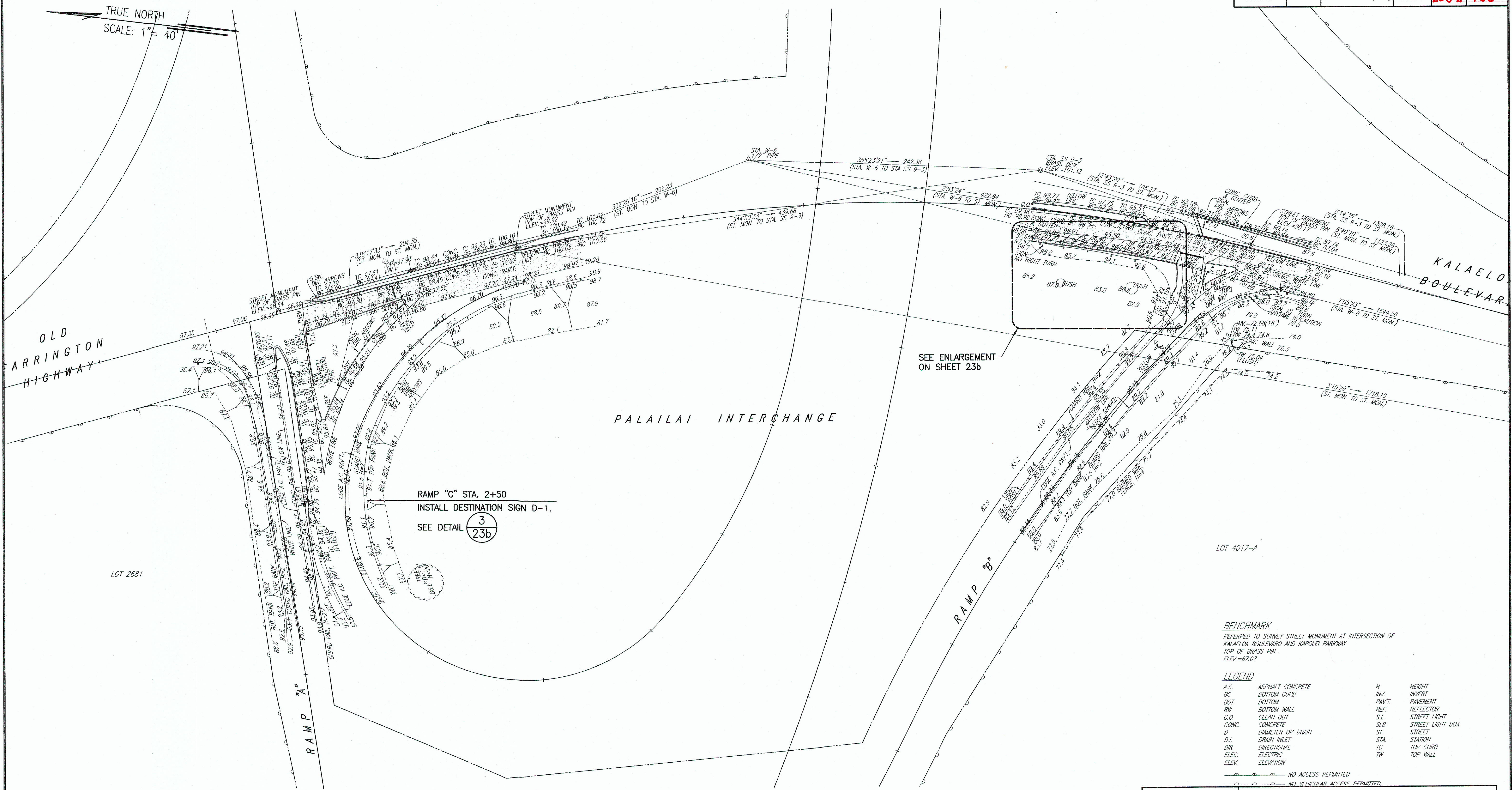
C.O. 23A-S-1

DATE: 07/24/02
SCALE: 1" = 1'-0"
FILE: 0112-23A.DWG
JOB NO. C112

DESIGNED BY: _____
CHECKED BY: _____
DATE: _____
SCALE: _____
FILE: _____
JOB NO. _____

22 x 36

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	238-2	103



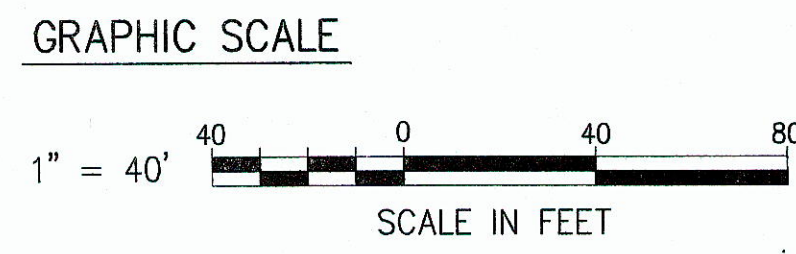
DATE	DATE
SURVEY PLOTTED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN

NOTEBOOK

No.

REV. NO.	DATE	DESCRIPTION
1	8/27/15	C.C.O. No. 11
REVISION BLOCK		



LESTER H. FUKUDA
LICENSED PROFESSIONAL ENGINEER
No. 4908-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

DATE: 7-20-05

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

RAMP "C" AND KALAELOA BOULEVARD
INTERSTATE ROUTE H-1

Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

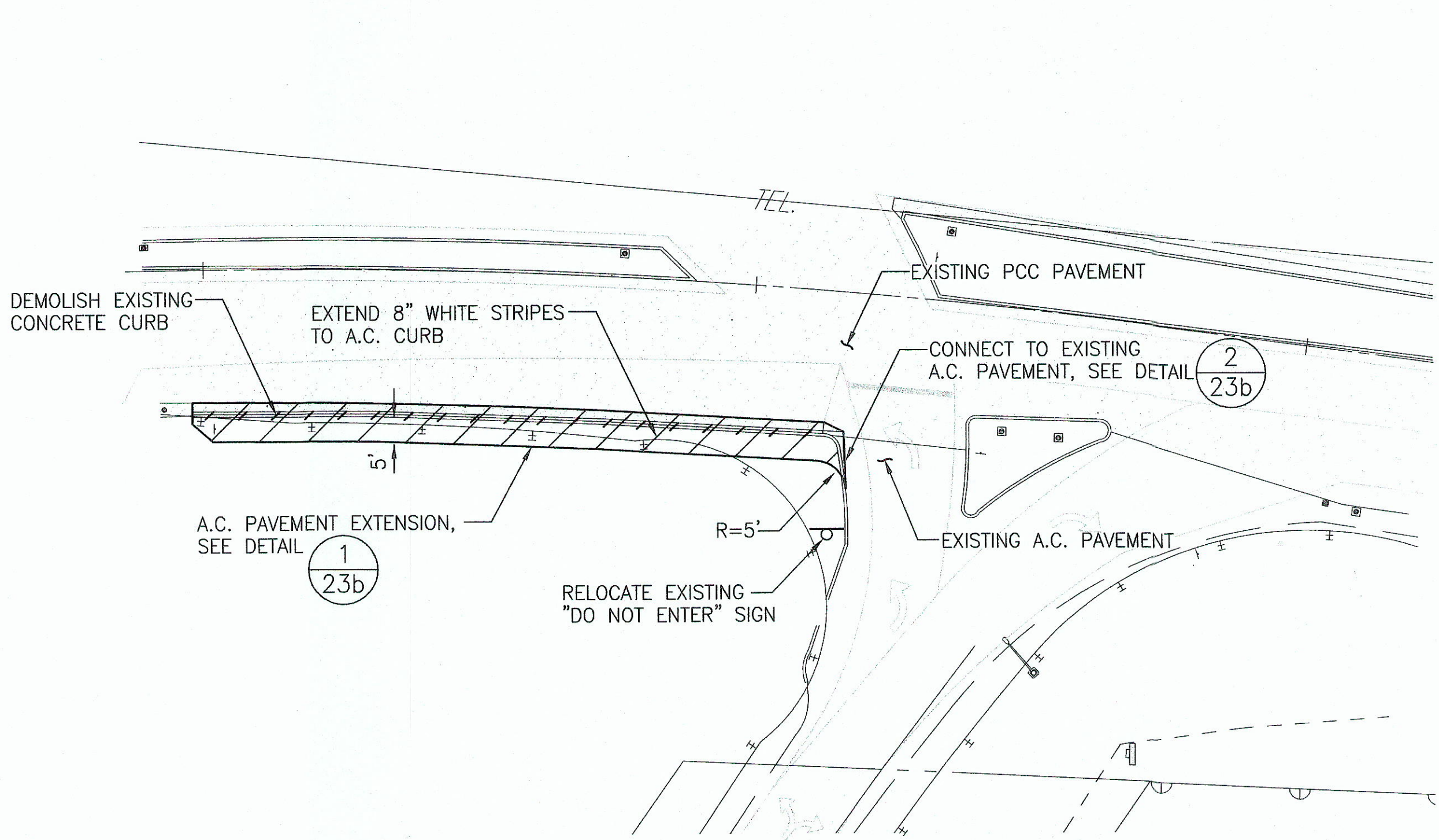
Scale: As Noted Date: 07/20/05

SHEET NO. C19 OF 4 SHEETS

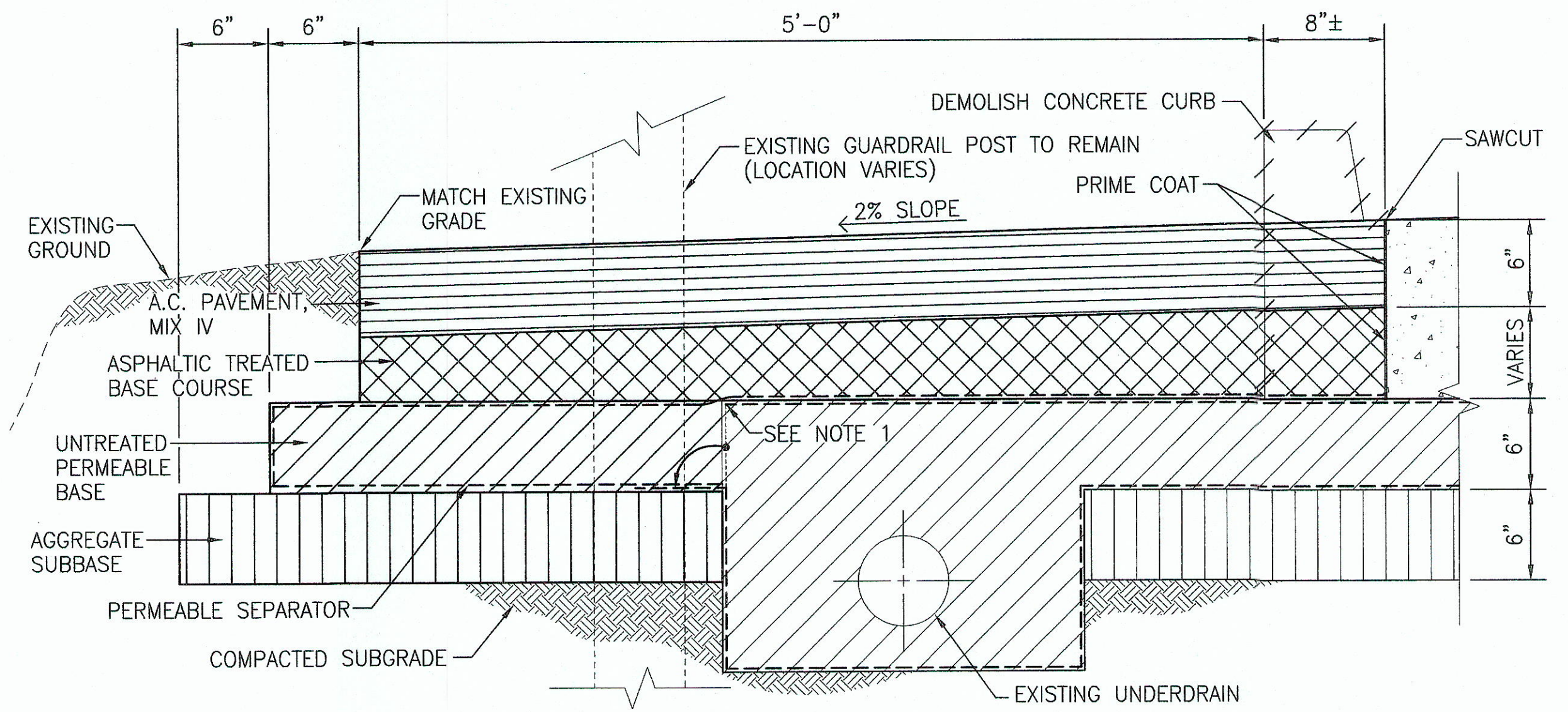
"AS-BUILT"

238-2

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	235-3	108

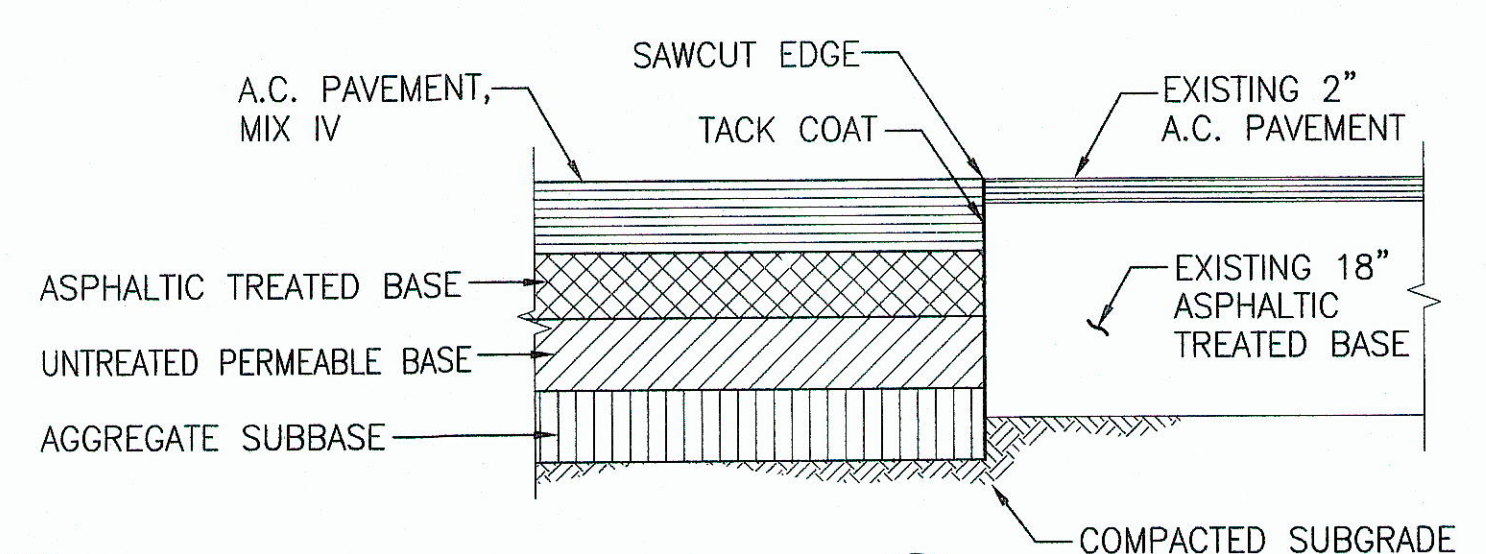


PLAN ENLARGEMENT
SCALE: 1"=20'



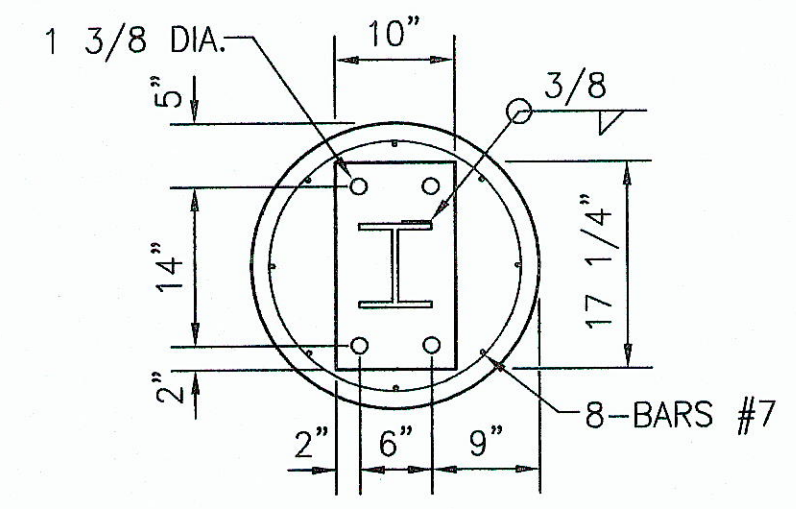
NOTE:
1. CUT EXISTING PERMEABLE SEPARATOR AND FOLD OVER AGGREGATE SUBBASE.

1 A.C. PAVEMENT EXTENSION
23b SCALE: 1 1/2"=1'-0"

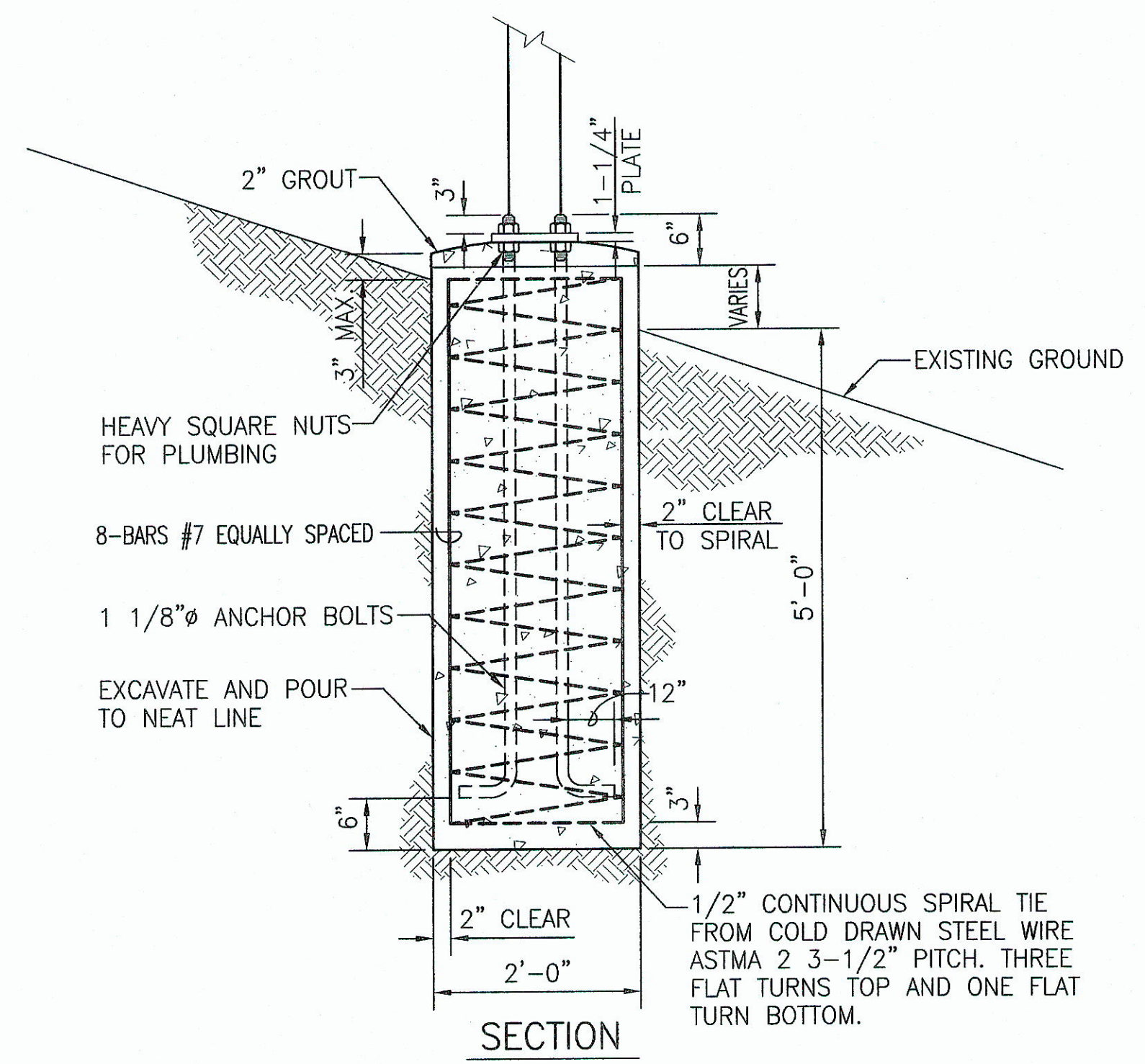


NOTE:
FOR PAVEMENT STRUCTURE THICKNESS, SEE DETAIL 2 23d

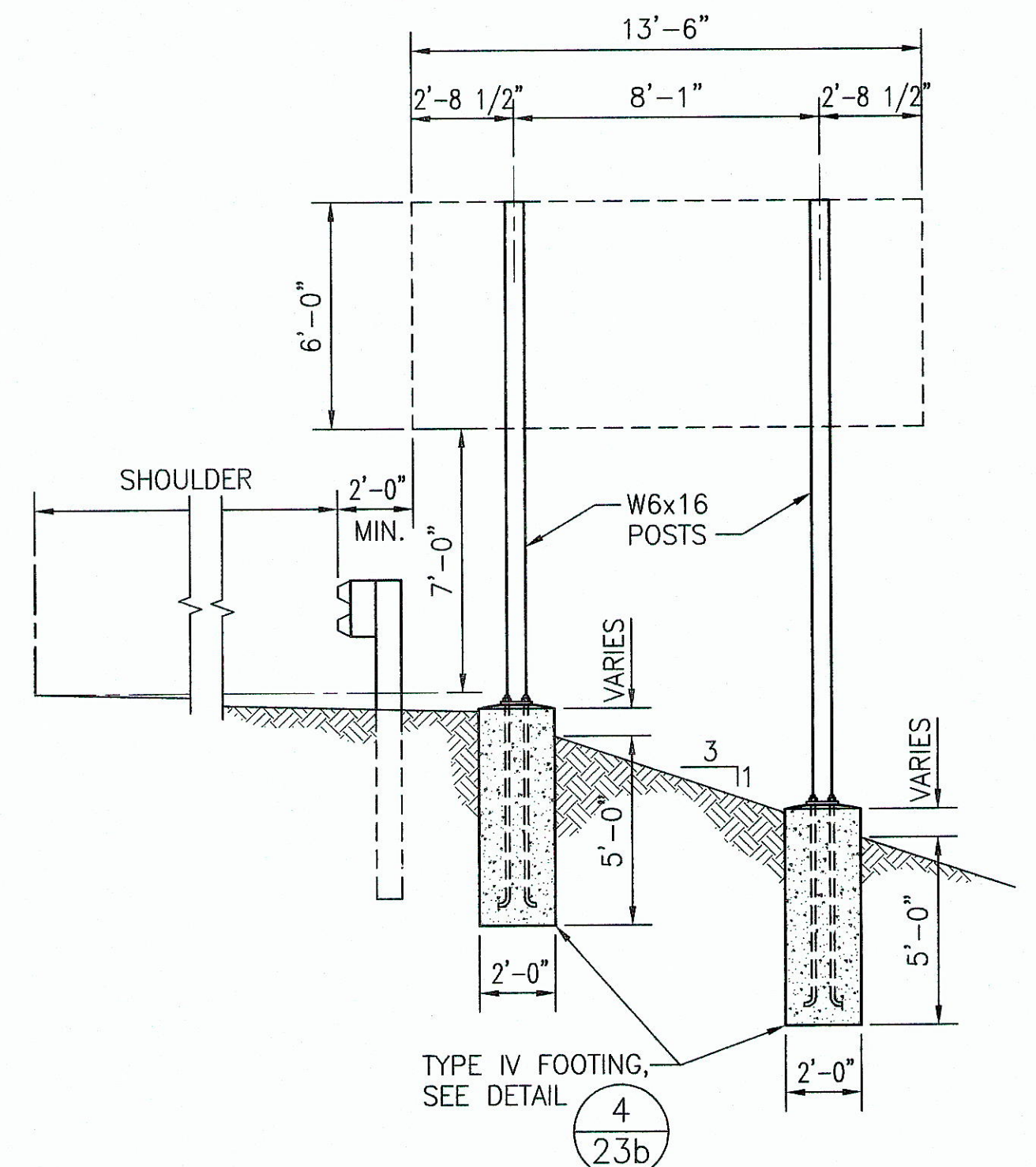
2 CONNECTION TO EXISTING A.C. PAVEMENT
23b SCALE: 3/4"=1'-0"



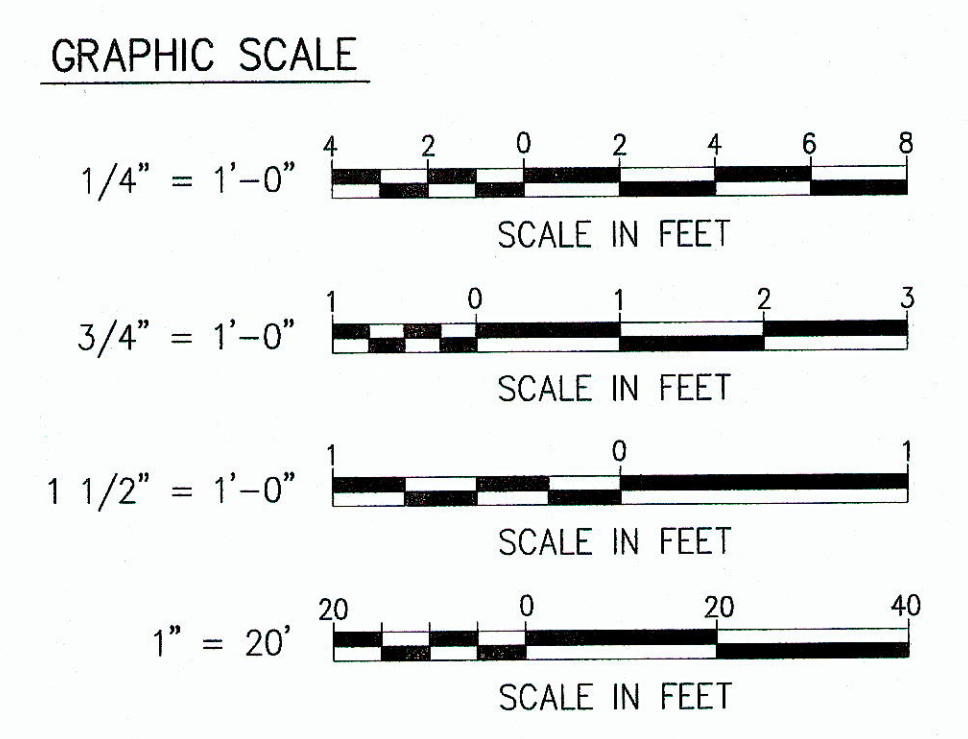
PLAN



4 TYPE IV FOOTING
23b SCALE: 3/4"= 1'-0"



3 DESTINATION SIGN D-1 MOUNTING DETAIL
23b SCALE: 1/4"=1'-0"



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
QUANTITIES BY	
NOTES BY	
ORIGINAL PLAN	No.
NOTEBOOK	

REV. NO.	DATE	DESCRIPTION
	8/27/15	C.C.O No. 11
REVISION BLOCK		

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
DATE: 7-20-05

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

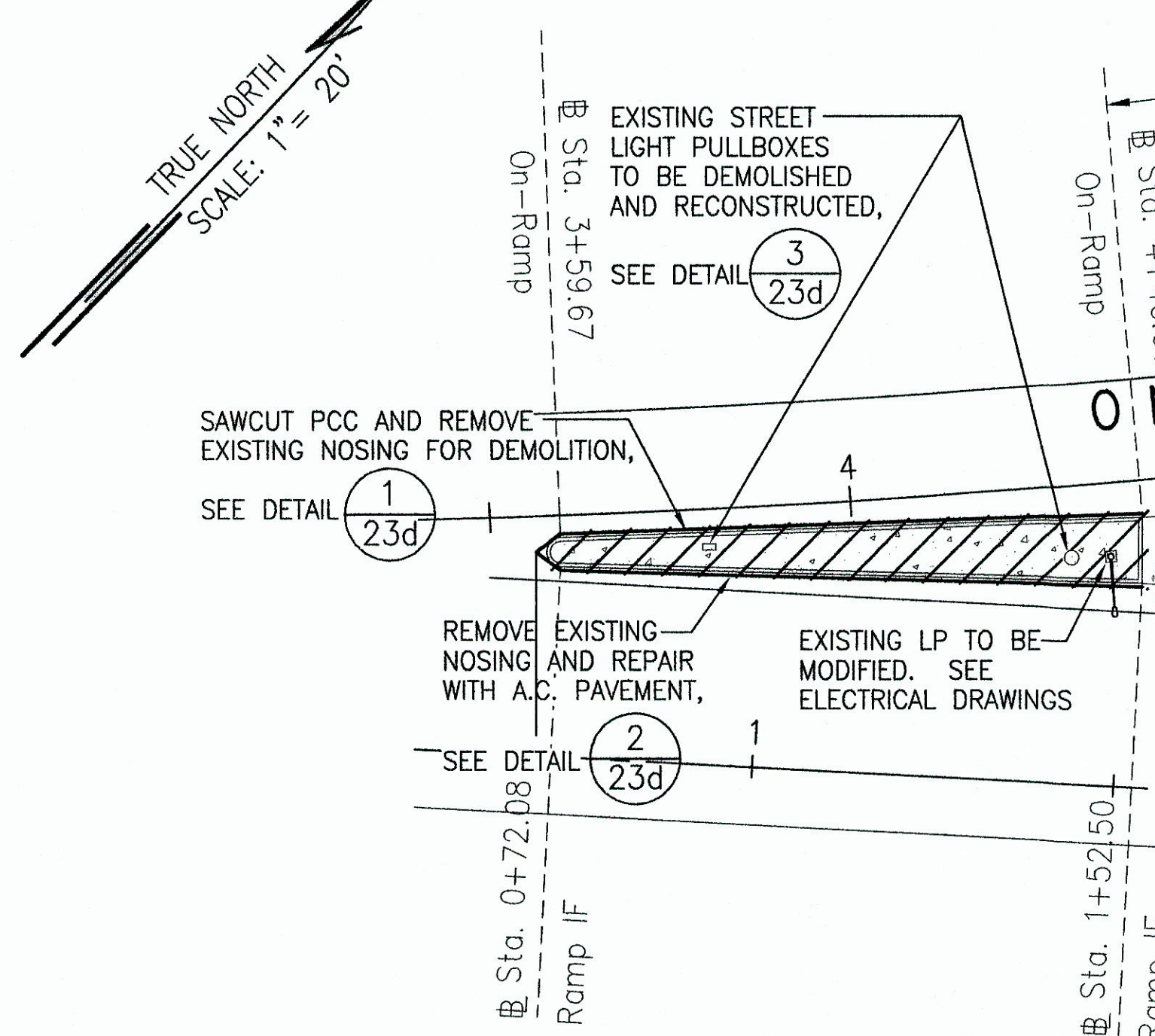
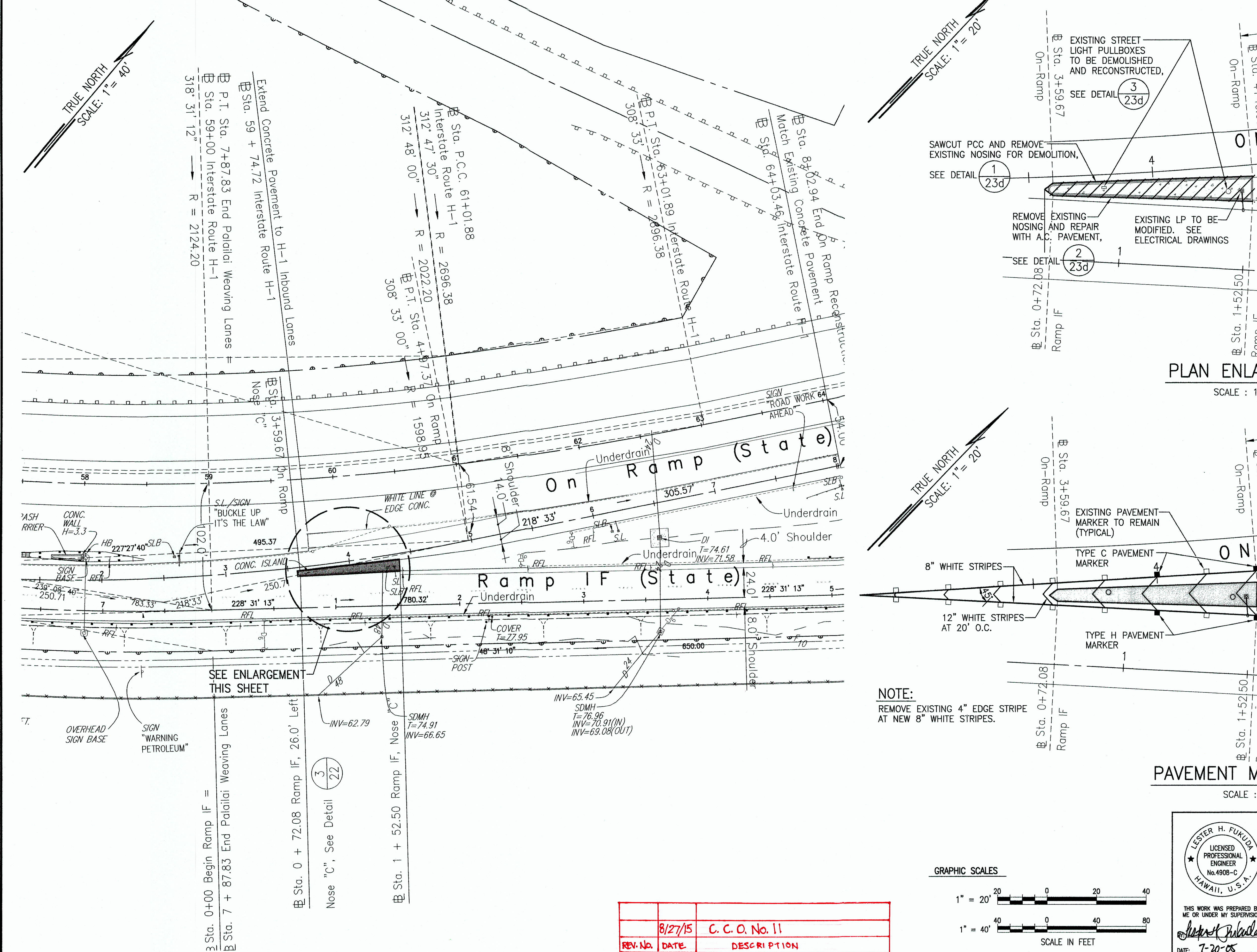
RAMP "B" INTERSECTION
INTERSTATE ROUTE H-1

Palailai Interchange Reconstruction
F.A.I. Project No. IM-NH-H1-1(239)

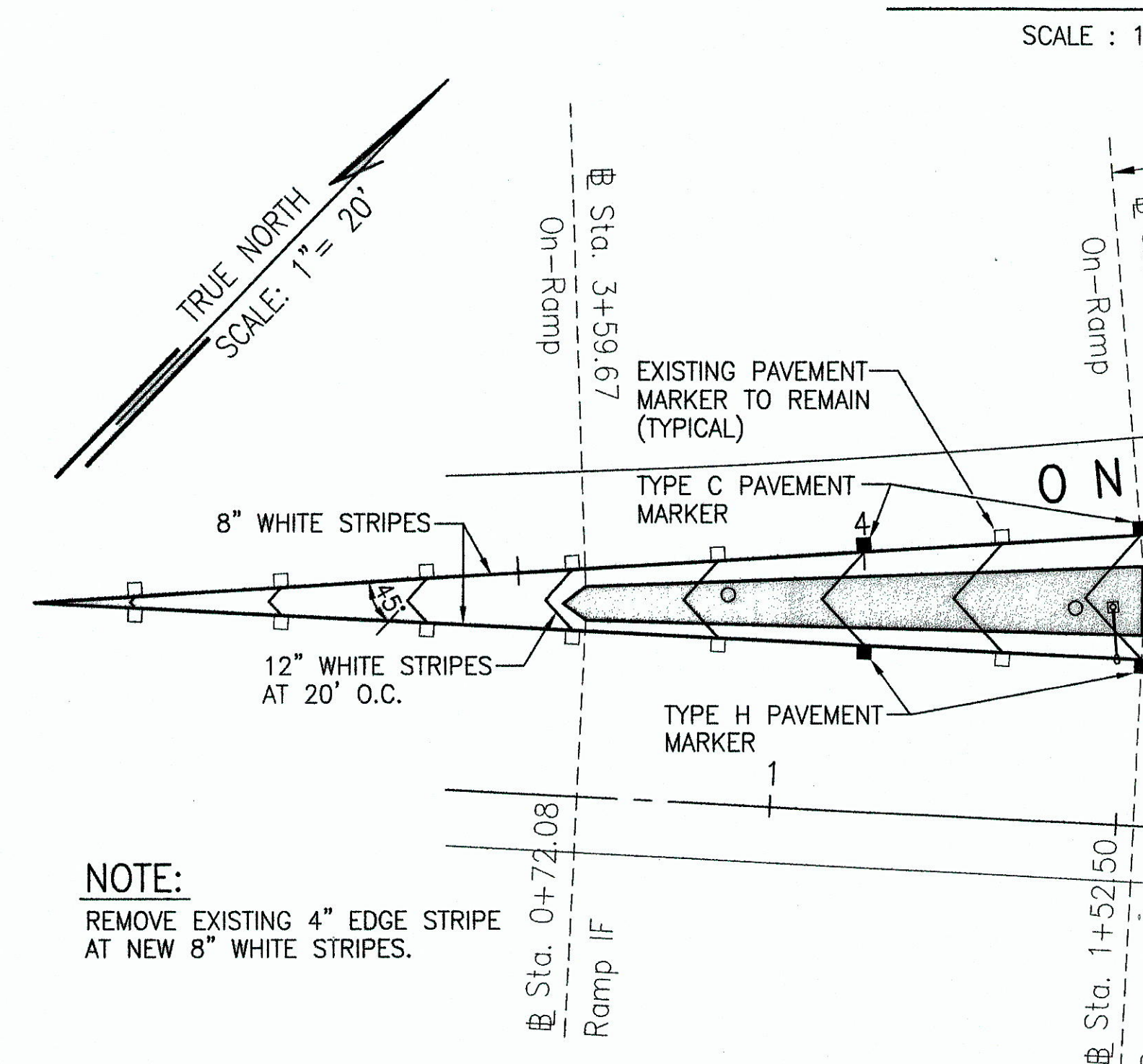
Scale: As Noted Date: 07/20/05

SHEET NO. C20 OF 4 SHEETS

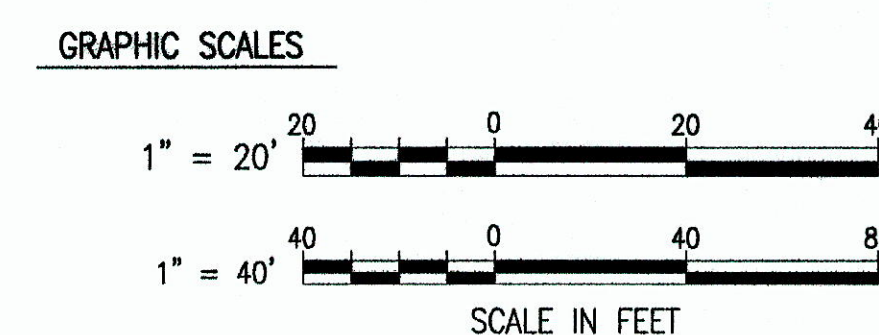
"AS-BUILT"



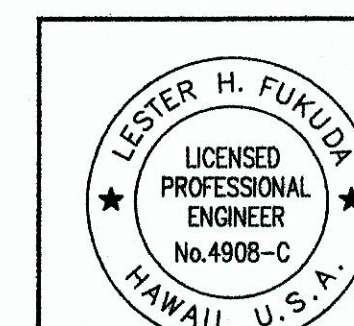
SCALE : 1" = 20'



SCALE : 1" = 20'



	8/27/15	C. C. O. No. 11
REV. No.	DATE	DESCRIPTION
REVISION BLOCK		



THIS WORK WAS PREPARED
ME OR UNDER MY SUPERVISOR'S

BY: [Signature]

DATE: 7-20-05

ROADWAY PLANS

RAMP IF NOSING

ERSTATE ROUTE H-

ai Interchange Reconstruction

F.A.I. Project No. IM-NH-H1-1(239)

SHEET NO. C21 OF 4 SHEETS

"AS-BUILT"

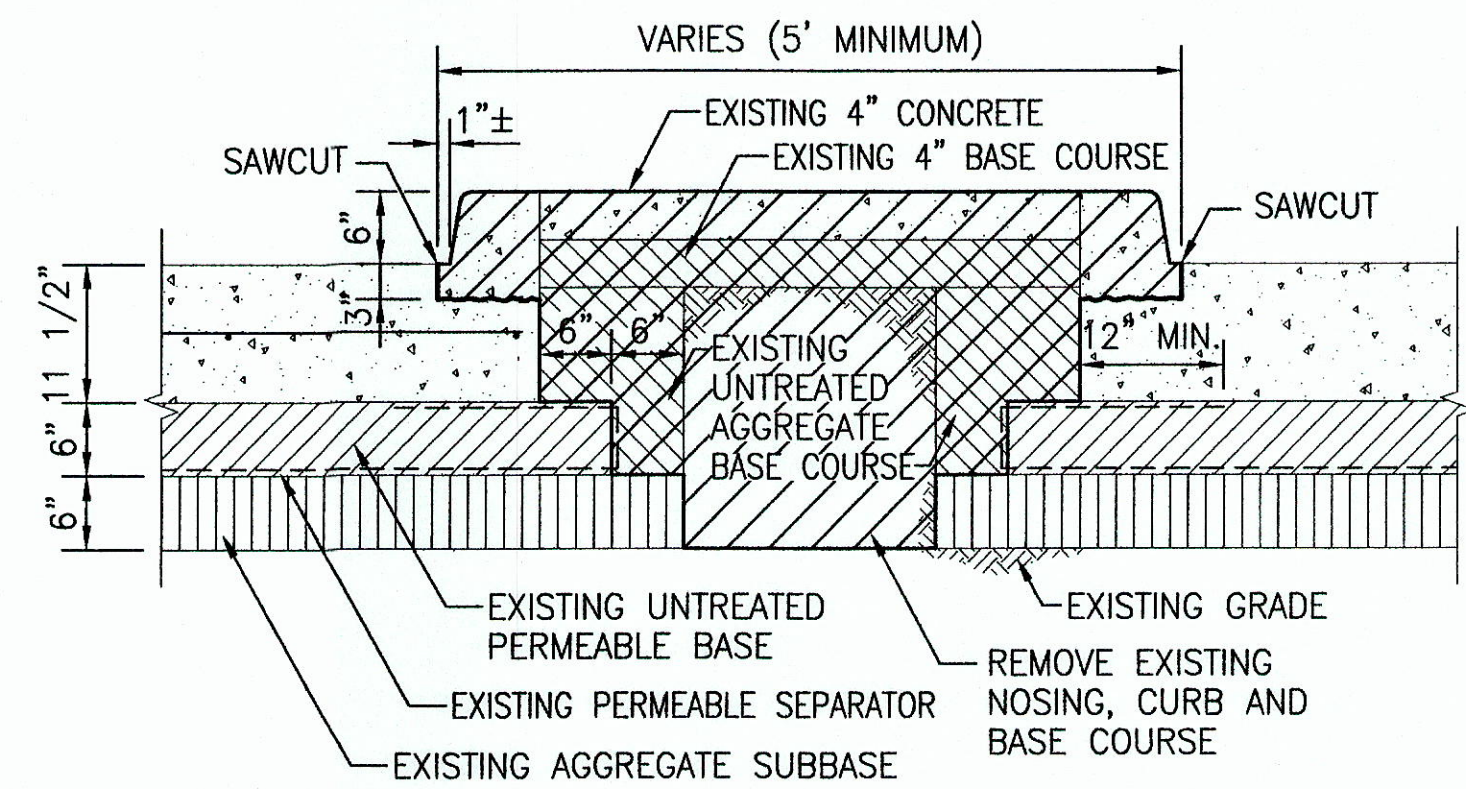
23 $\in$ S-4

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTEBOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____
	CHECKED BY _____
No. _____	

DATE : 01/09/04
PLOT SCALE: 1=1
FILE : 0112-C-21.dwg
JOB No. 0112

24 x 36

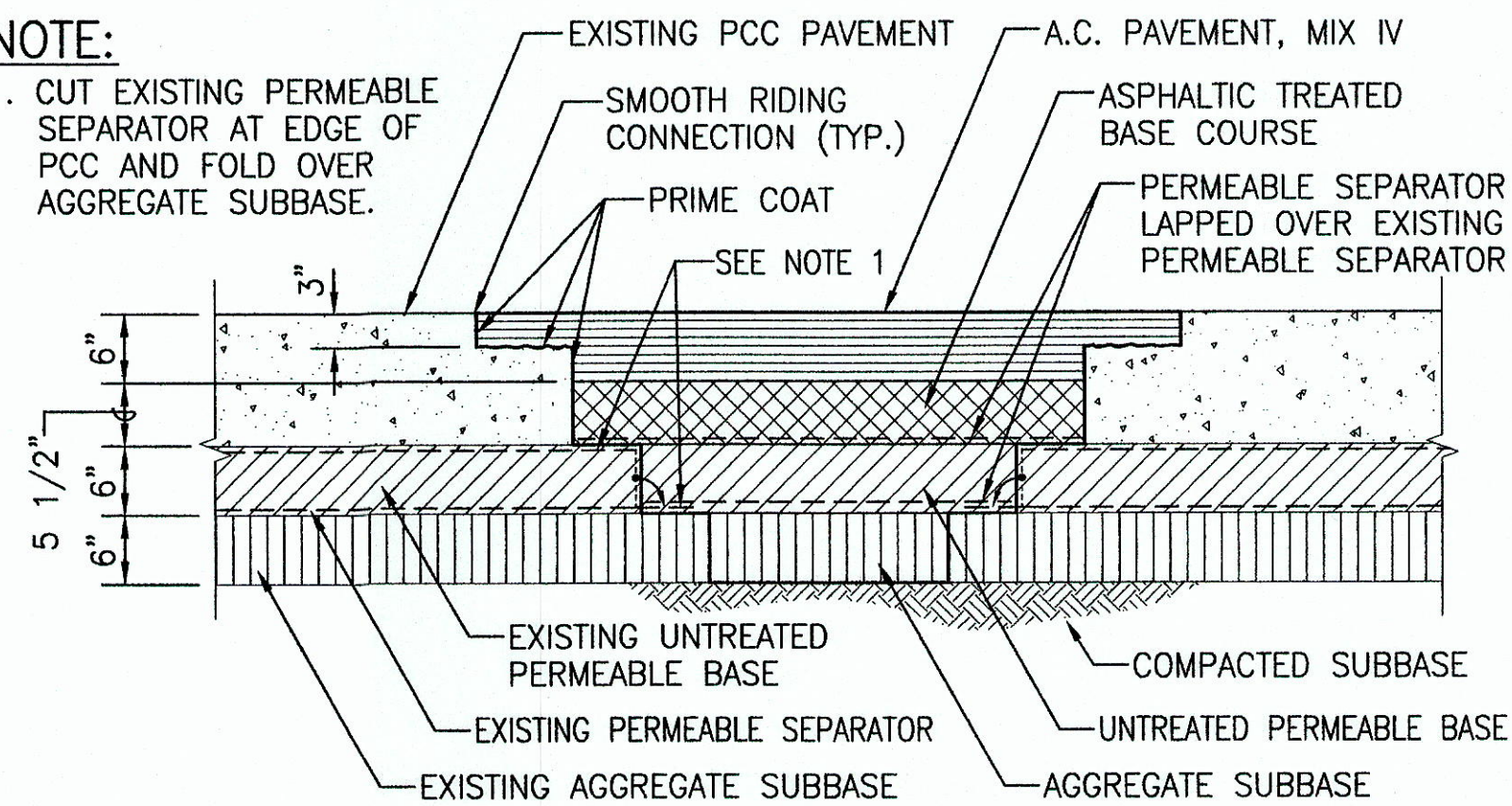
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-NH-H1-1(239)	2001	235-5	103



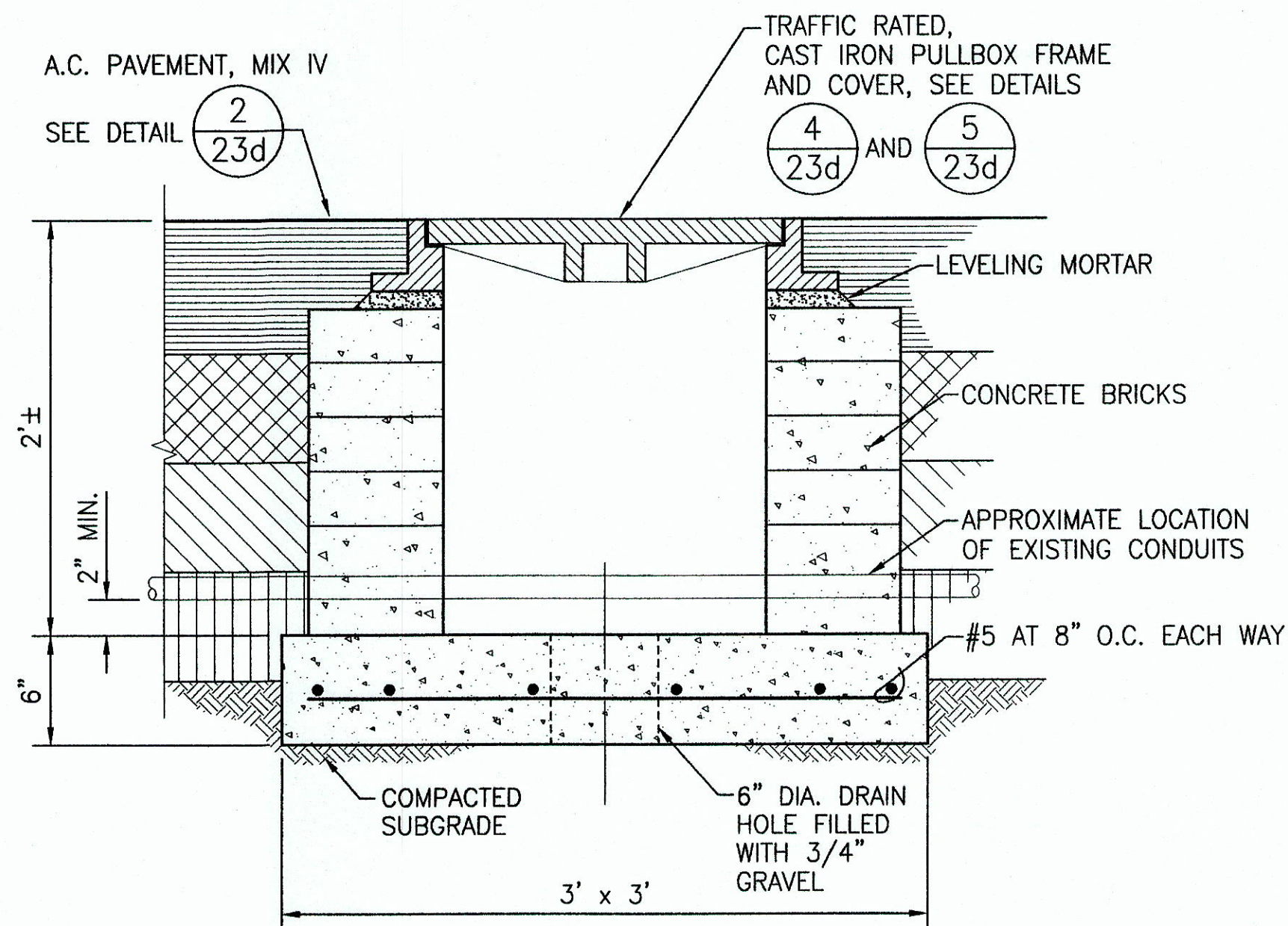
1
23d
NOSING DEMOLITION SECTION
SCALE: 3/4"=1'-0"

NOTE:

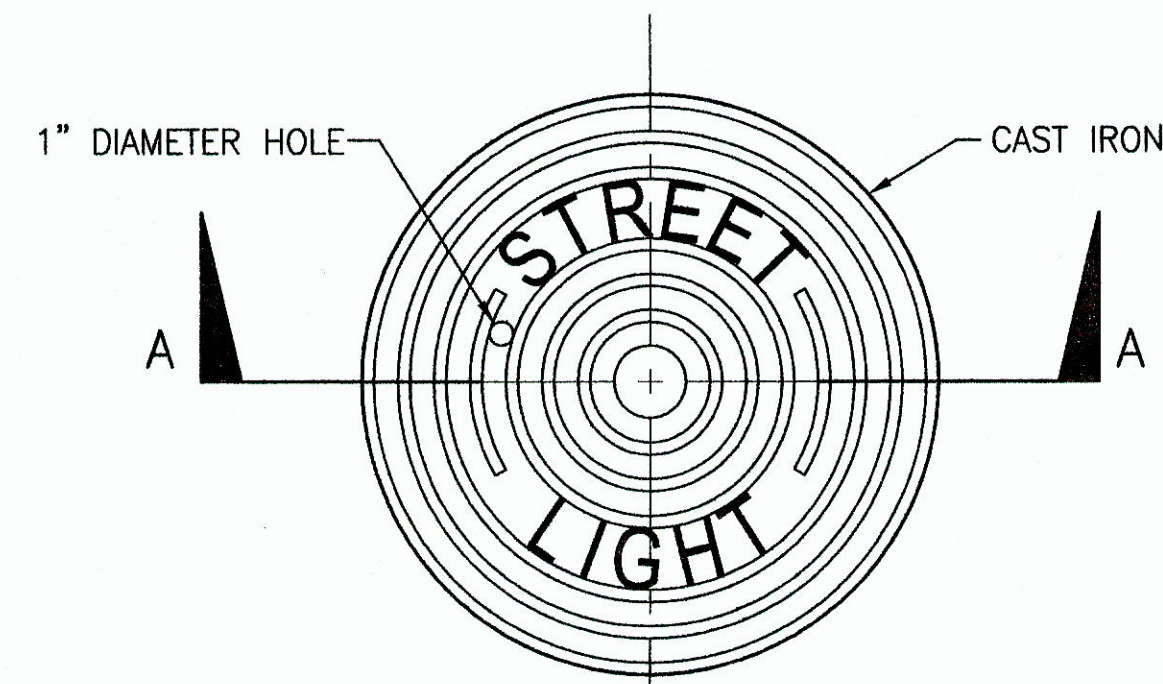
1. CUT EXISTING PERMEABLE SEPARATOR AT EDGE OF PCC AND FOLD OVER AGGREGATE SUBBASE.



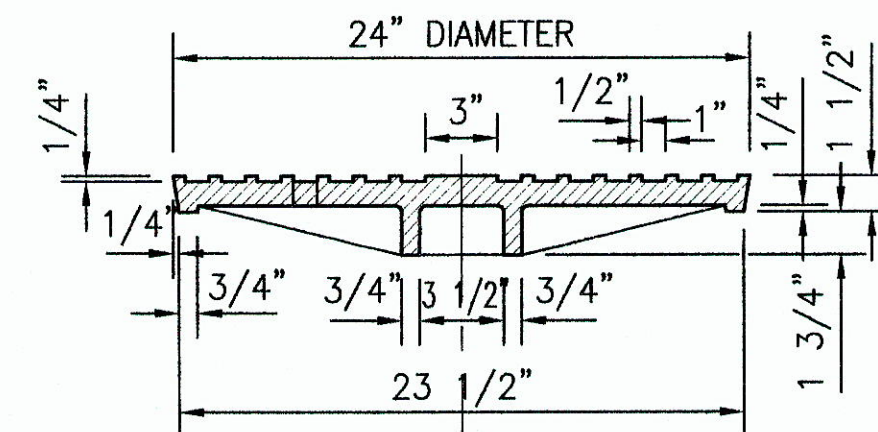
2
23d
PAVEMENT REPAIR
SCALE: 3/4"=1'-0"



3
23d
PULLBOX DETAIL
SCALE: 1 1/2"=1'-0"

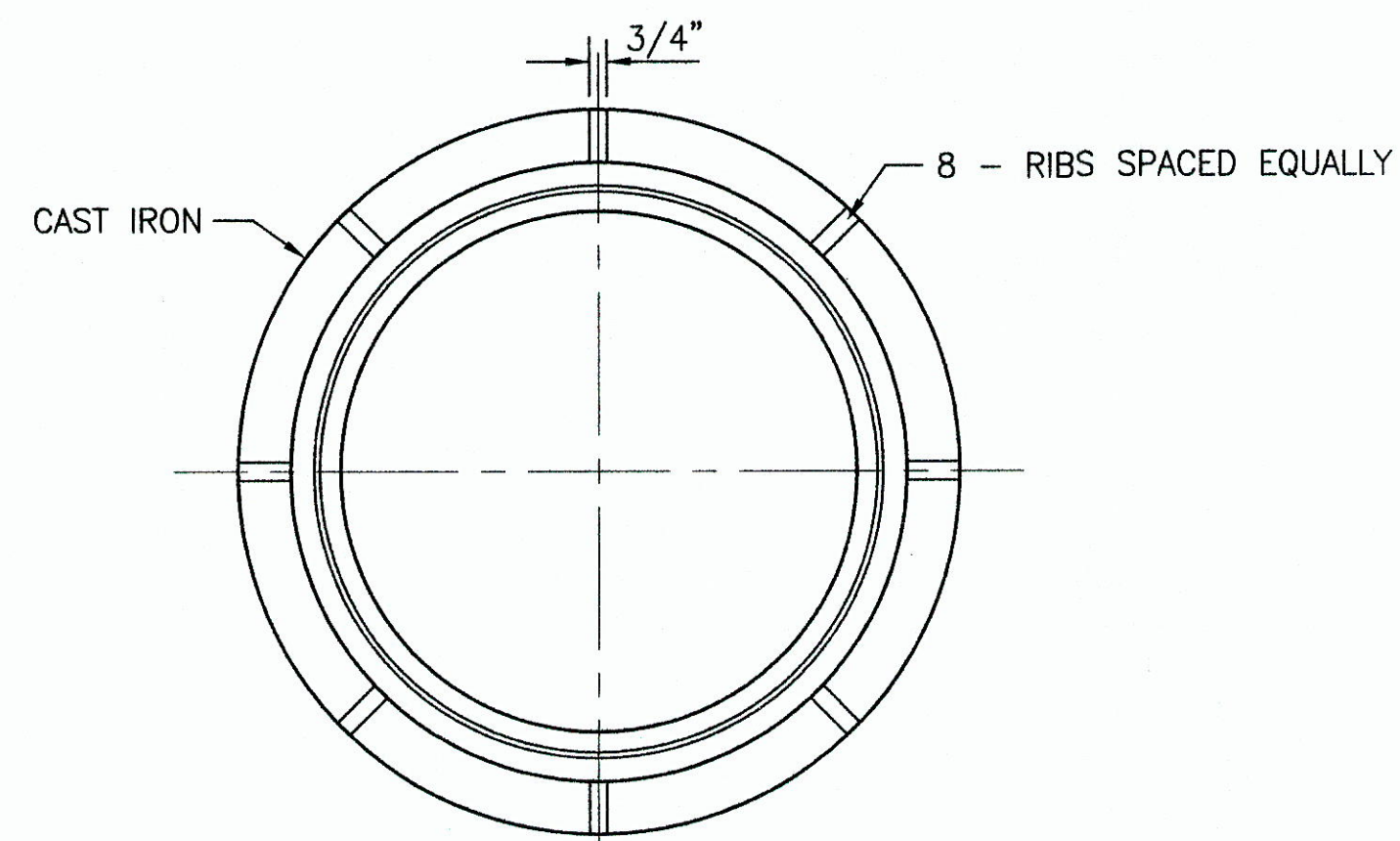


PLAN VIEW

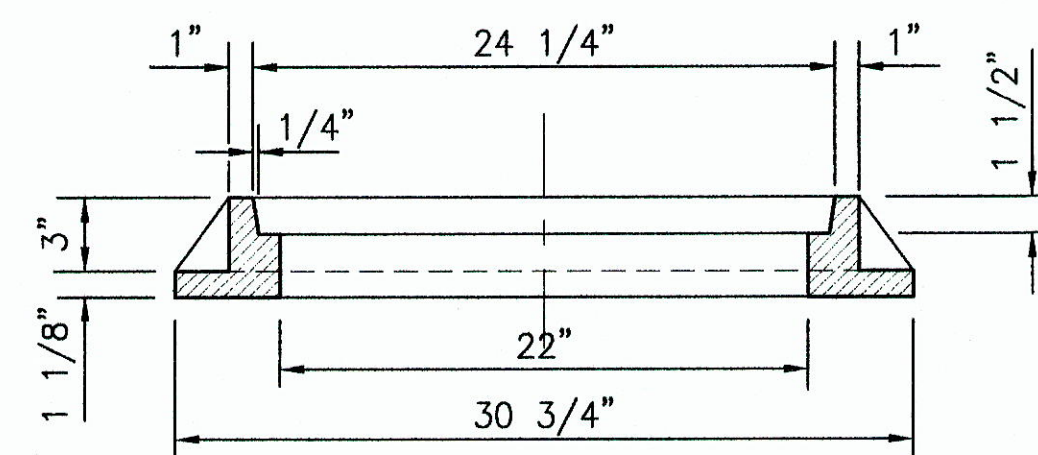


SECTION A-A

4
23d
PULLBOX COVER
SCALE: 1 1/2"=1'-0"



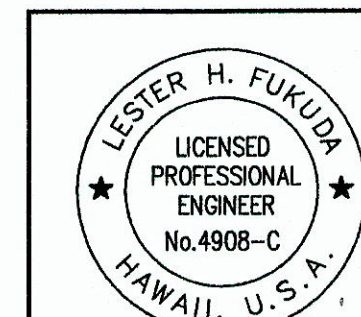
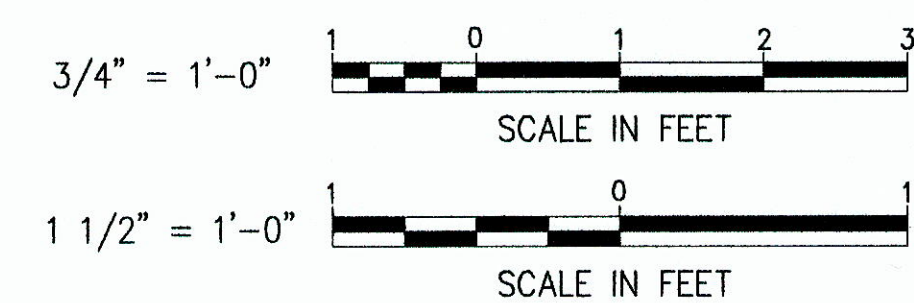
PLAN VIEW



SECTION

5
23d
PULLBOX FRAME
SCALE: 1 1/2"=1'-0"

GRAPHIC SCALE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
BY: *Lester H. Fukuda*
DATE: 7-20-05

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

RAMP IF NOSING DETAIL
INTERSTATE ROUTE H-1

Palailai Interchange Reconstruction

F.A.I. Project No. IM-NH-H1-1(239)

Scale: As Noted

Date: 07/20/05

SHEET NO. C22 OF 4 SHEETS

"AS-BUILT"

23d S-5