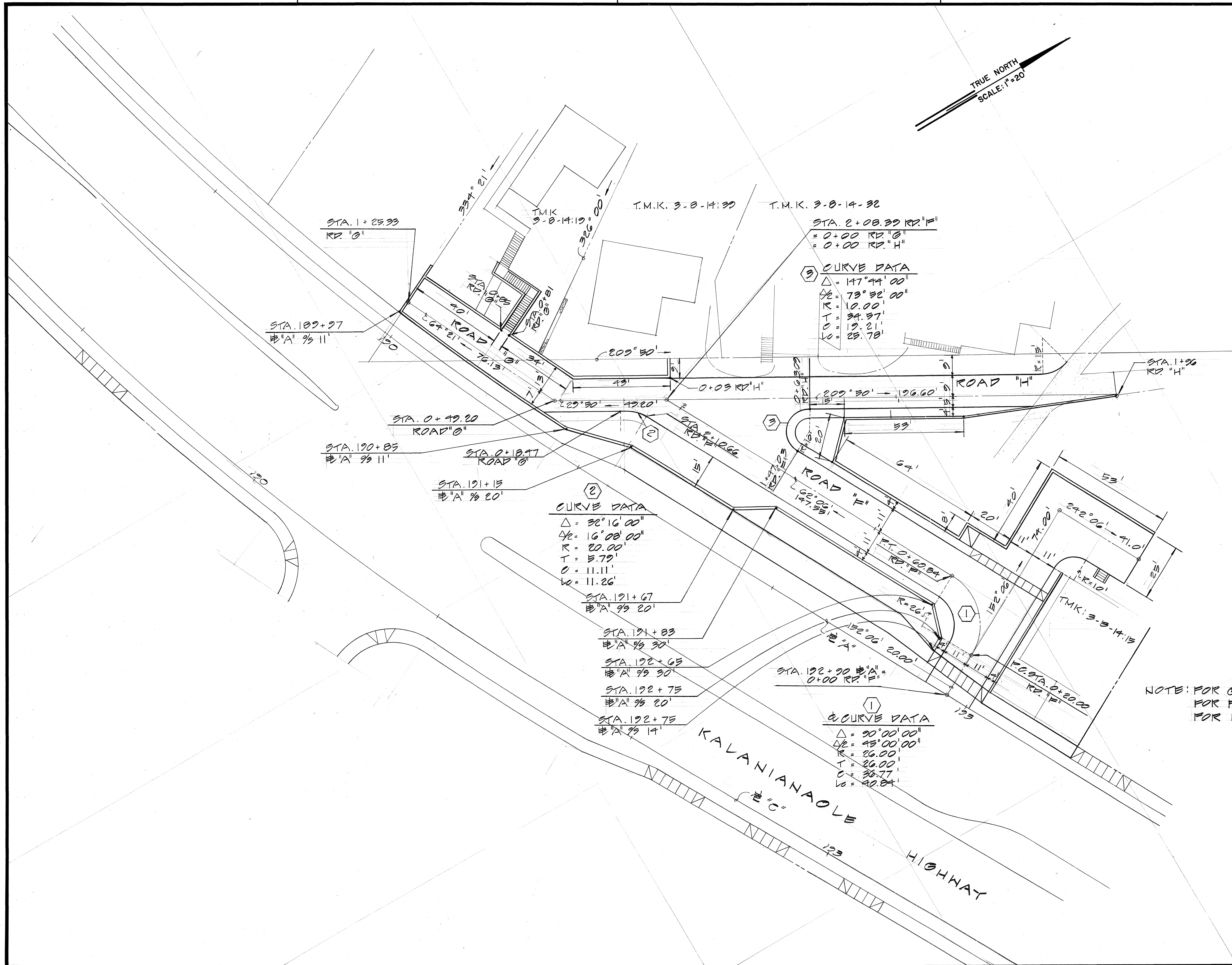
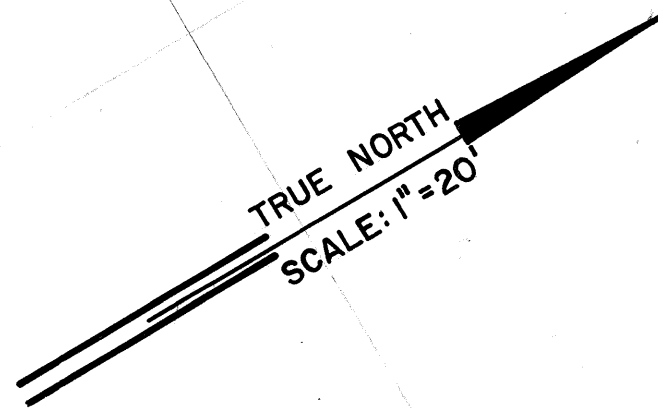


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-072-1(35)	1993	47	340

N.H.-



②
CURVE DATA
 $\Delta = 32^{\circ}16'00''$
 $\Delta E = 16^{\circ}08'00''$
 $R = 20.00'$
 $T = 5.79'$
 $O = 11.11'$
 $LO = 11.26'$
STA. 121+67
RD 'A' 99 20'

STA. 121+83
RD 'A' 99 30'
STA. 122+65
RD 'A' 99 30'
STA. 122+75
RD 'A' 99 20'
STA. 122+75
RD 'A' 99 14'

③
CURVE DATA
 $\Delta = 147^{\circ}44'00''$
 $\Delta E = 73^{\circ}32'00''$
 $R = 10.00'$
 $T = 34.37'$
 $O = 19.21'$
 $LO = 29.78'$

①
CURVE DATA
 $\Delta = 90^{\circ}00'00''$
 $\Delta E = 45^{\circ}00'00''$
 $R = 20.00'$
 $T = 20.00'$
 $O = 30.77'$
 $LO = 40.84'$

NOTE: FOR GRADING PLAN, SEE SHT. C-16
FOR PROFILES, SEE SHT. C-17
FOR UTILITIES, SEE SHT. F-5
W-3
D-3.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN

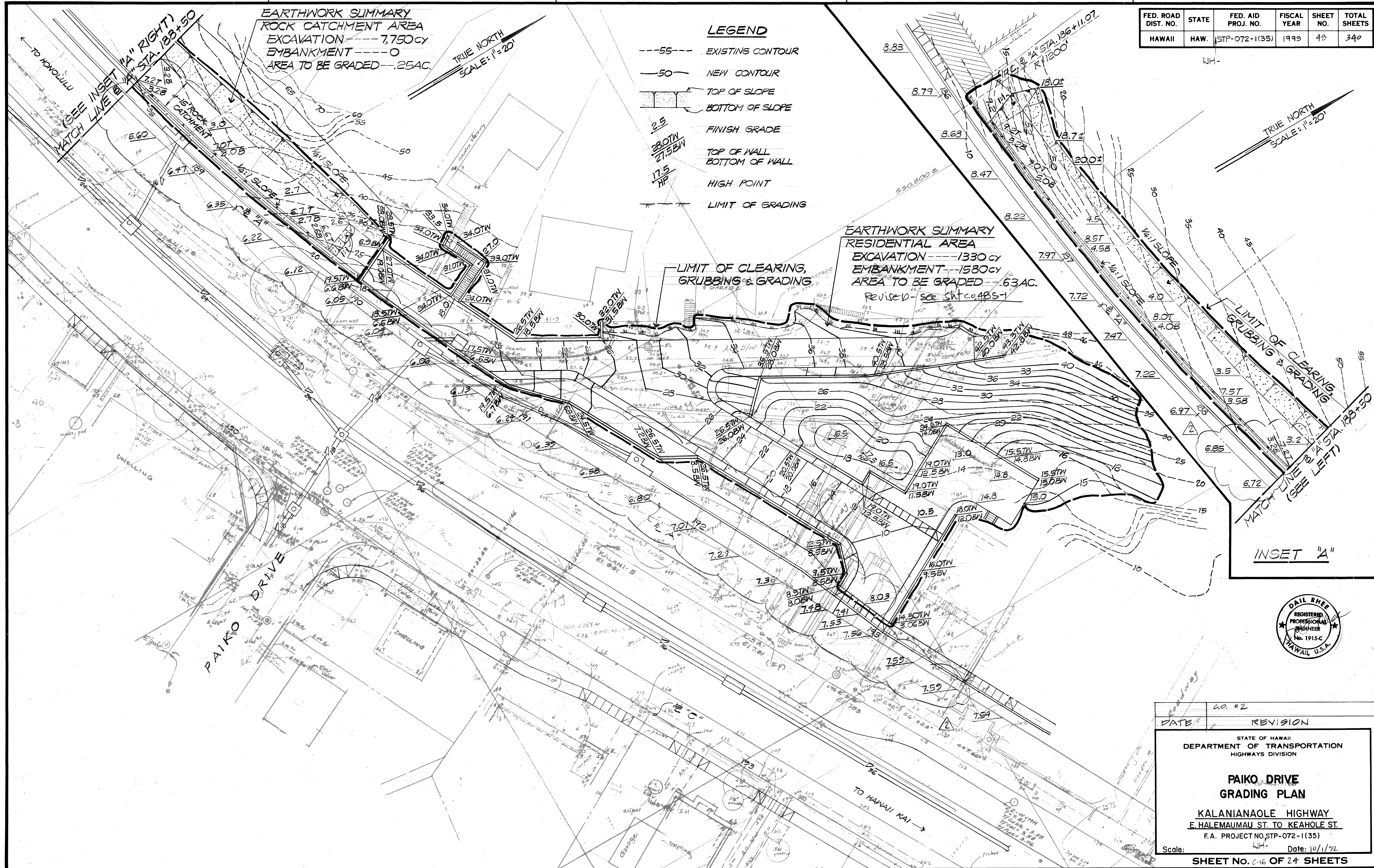
KALANIANA'OLE HIGHWAY
E. HALEMAUMAU ST. TO KEAHOLE ST.
E.A. PROJECT NO. STP-072-1(35)

Scale: N.H.- Date: 10/1/92

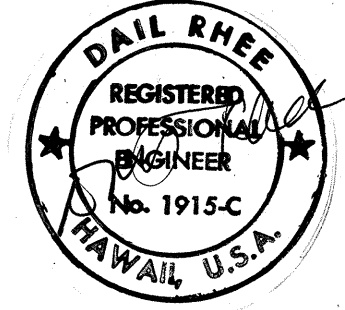
SHEET No. C-15 OF 24 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-072-1(35)	1993	48	340



DATE	4.0. #2
REVISION	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

**PAIKO DRIVE
 GRADING PLAN**

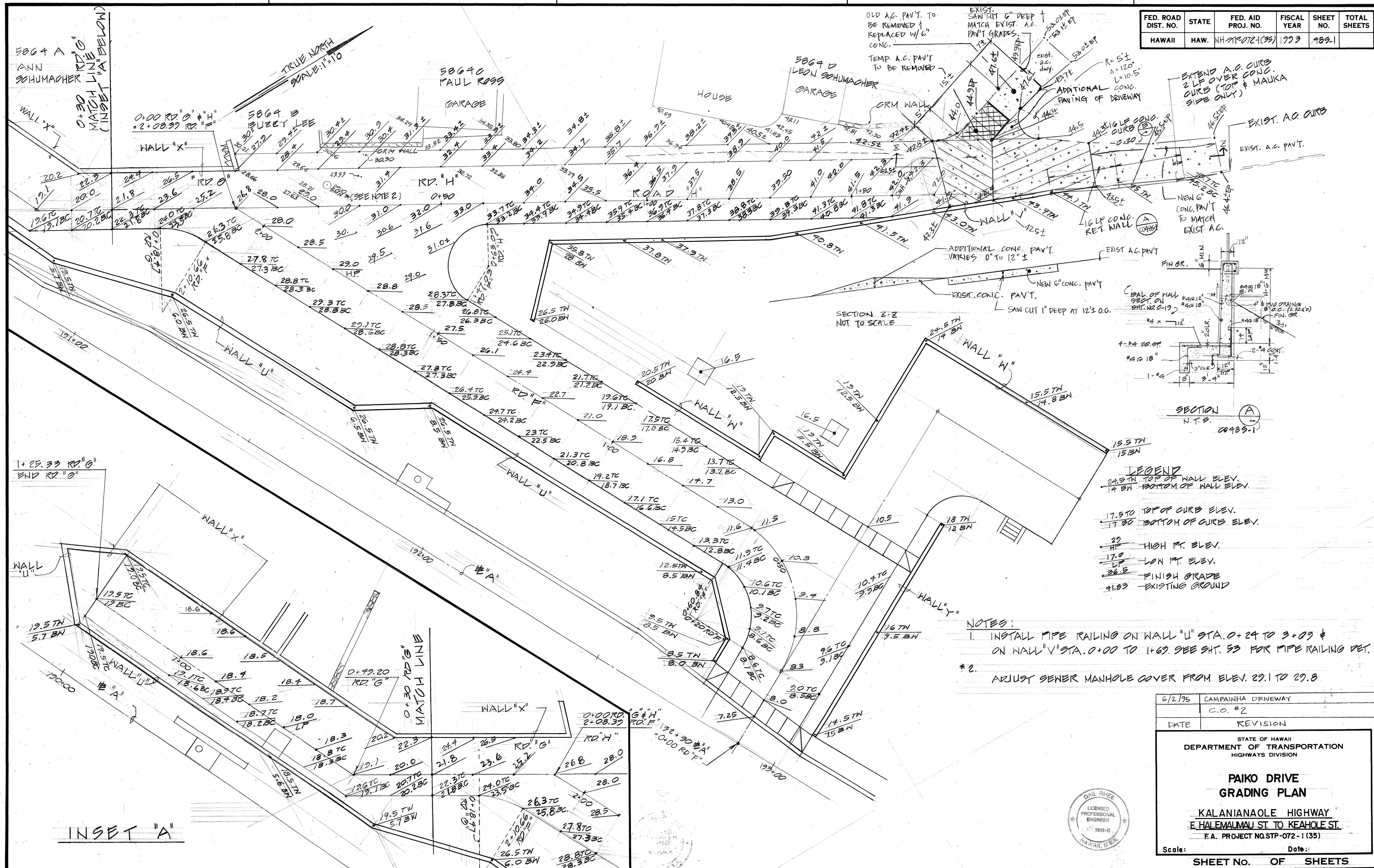
KALANIANA'OLE HIGHWAY
 E. HALEMAUMAU ST. TO KEAHOLE ST.
 F.A. PROJECT NO. STP-072-1(35)

Scale: NH- Date: 10/1/92

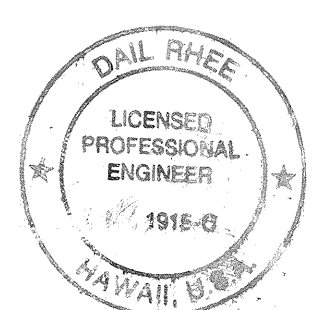
SHEET NO. C-16 OF 24 SHEETS

C.O. 48S-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-97072-1(35)	1993	489-1	



DATE	
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

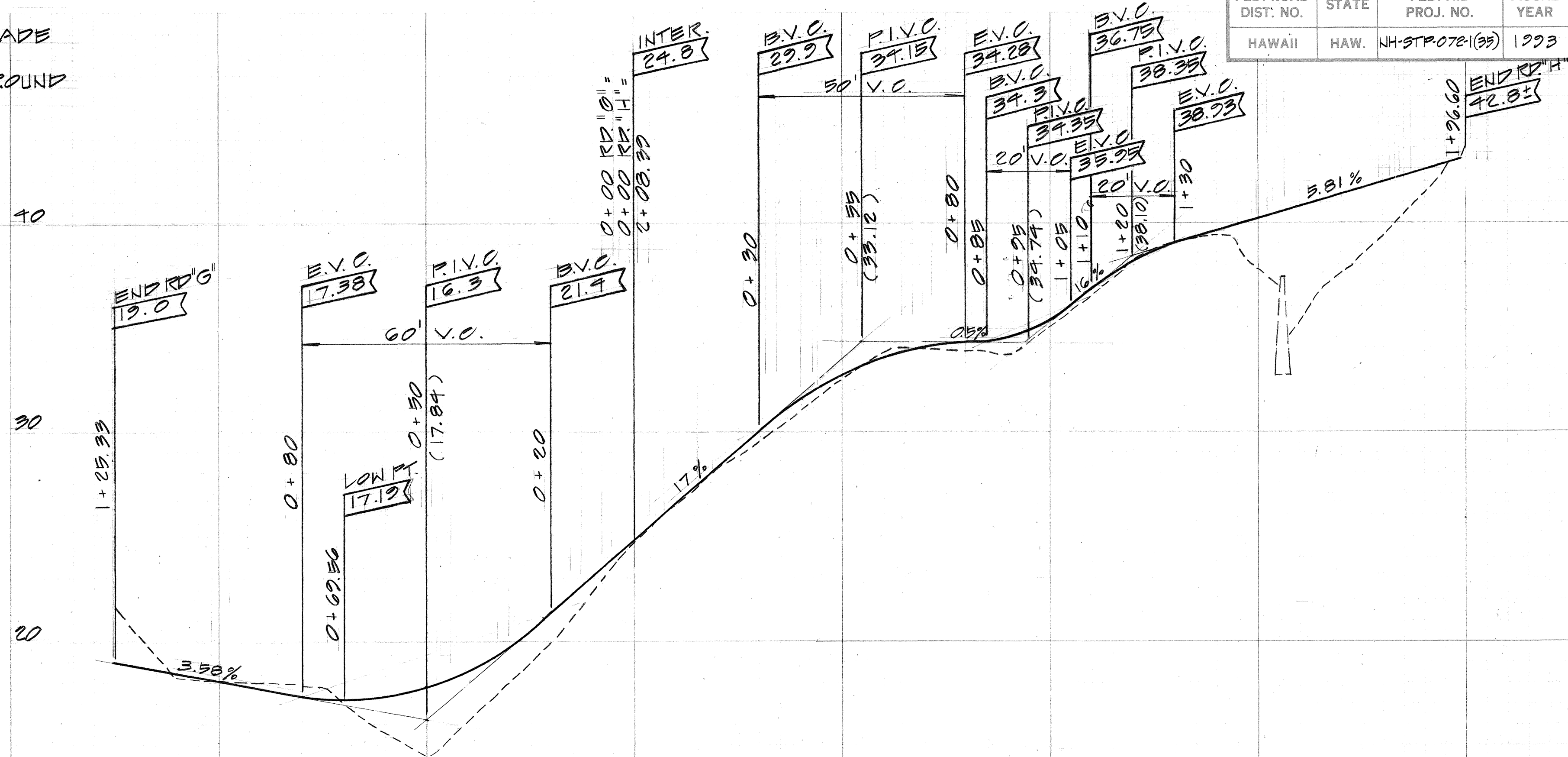
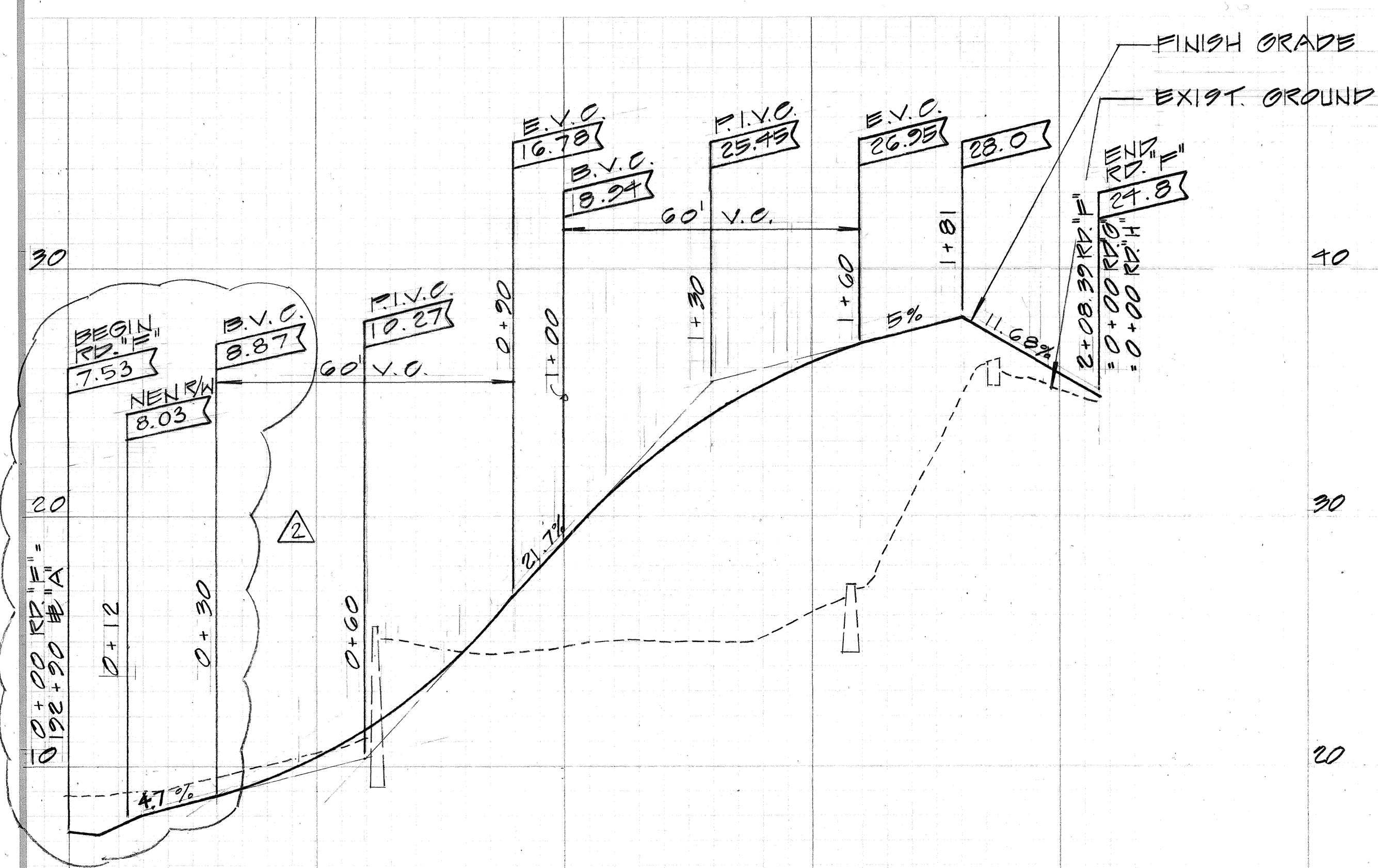


6/2/95	CAMPAINHA DRIVEWAY
	C.O. #2
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PAIKO DRIVE GRADING PLAN	
KALANIANA'OLE HIGHWAY E. HALEMAUMAU ST. TO KEAHOE ST. F.A. PROJECT NO. STP-072-1(35)	
Scale:	Date:
SHEET NO. OF SHEETS	

C.O. 48S-1

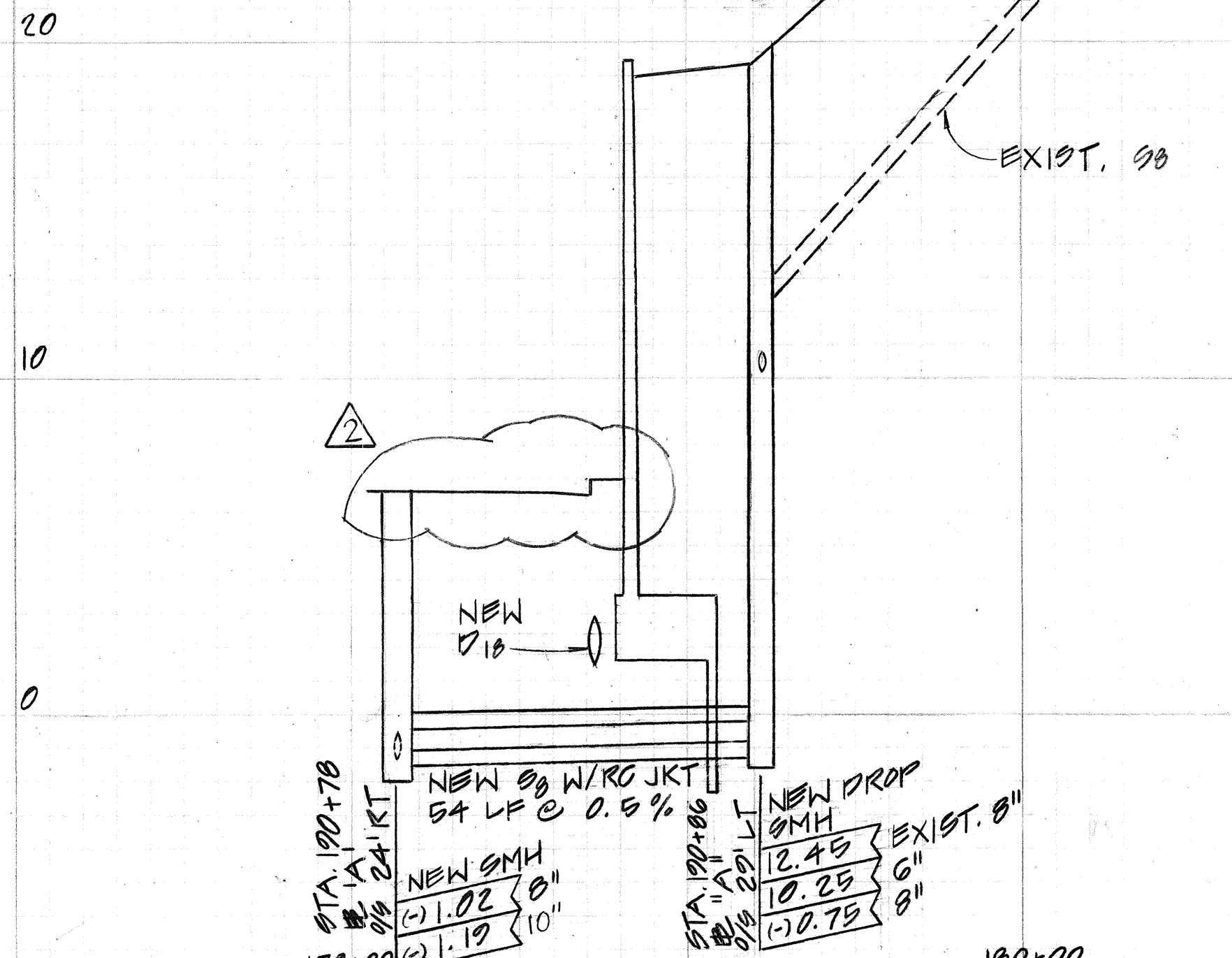
100950

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-072-I (35)	1993	49	340



PROFILE - ROAD "F"

SCALES: HORIZ. 1" = 20'
VERT. 1" = 4'

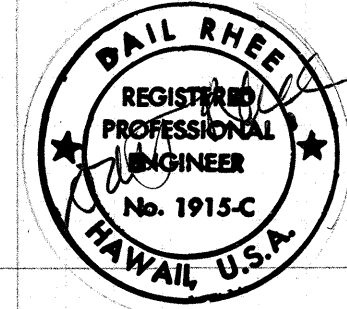


PROFILE - PAIKO DRIVE SEWER

SCALES: HORIZ. 1" = 20'
VERT. 1" = 4'

PROFILE - ROAD "G" & ROAD "H"

SCALES: HORIZ. 1" = 20'
VERT. 1" = 4'



DATE	REVISION
6/30/93	C.O.#2
	C.O.#1

PAIKO DRIVE ROAD F, G & H PROFILES

KALANIANA'OLE HIGHWAY
E. HALEMAUMAU ST. TO KEAHOLE ST.
F.A. PROJECT NO. STP-072-I (35)

Scale: 1" = 20' HORIZ. 1" = 4' VERT. Date: 10/1/92

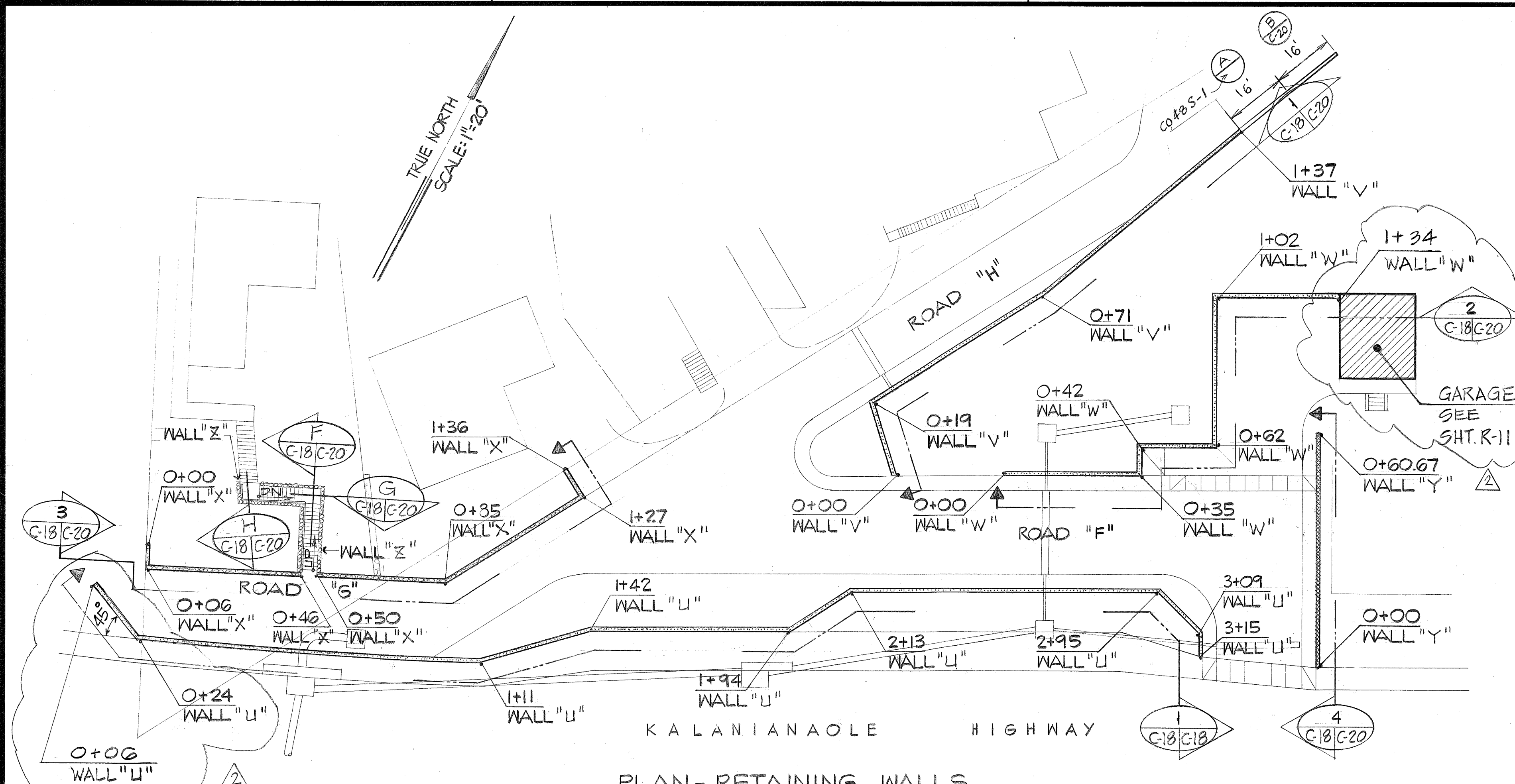
SHEET No. 17 OF 24 SHEETS

C.O. 49

ORIGINAL PLAN	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
NO.	

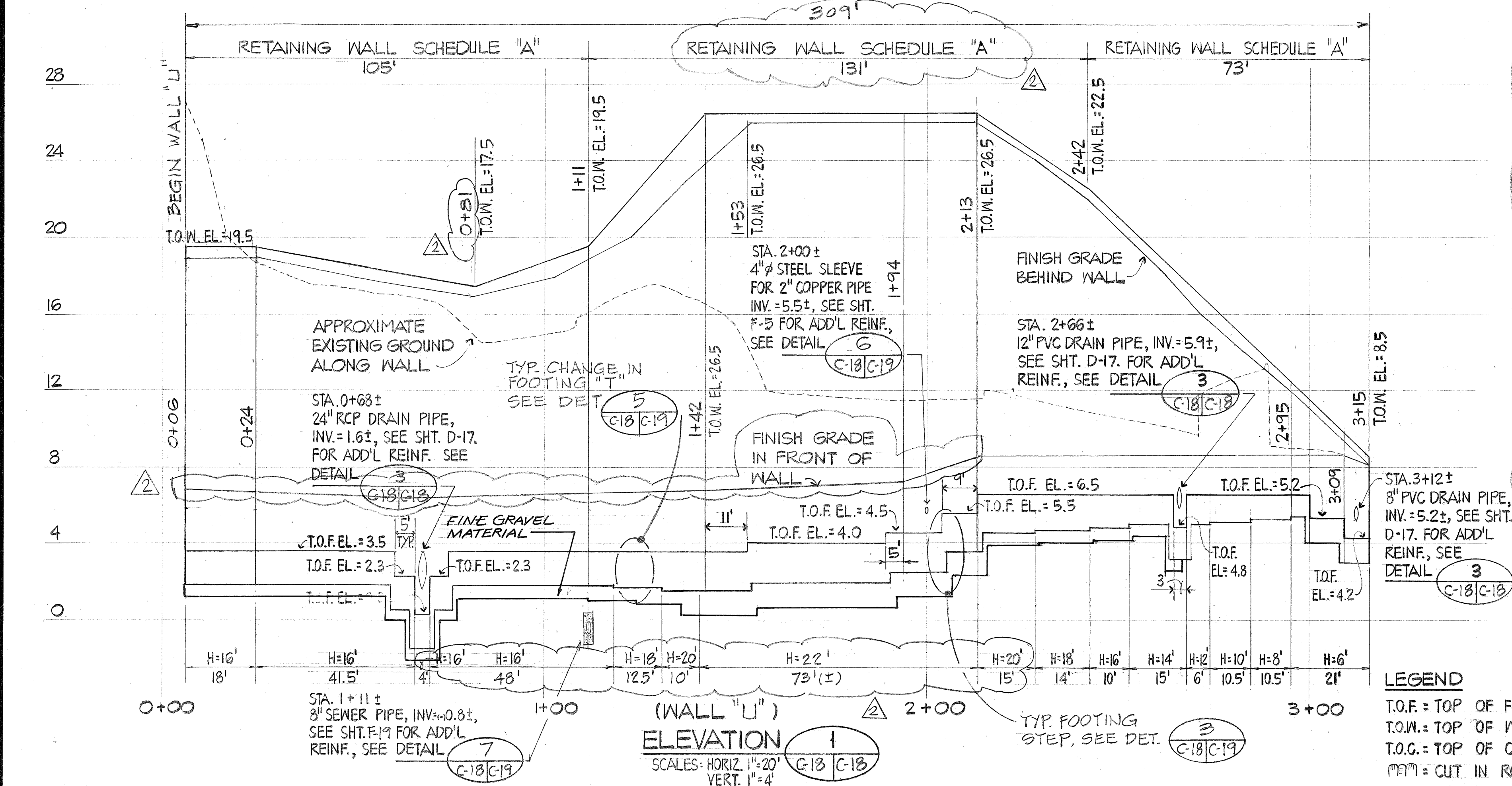
APPROVED: *[Signature]* DATE: 7/2/93
CHIEF, DIV. OF WASTEWATER MGMT.
(FOR EFFECT ON SEWERS ONLY)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-072-(35)	1993	50	340



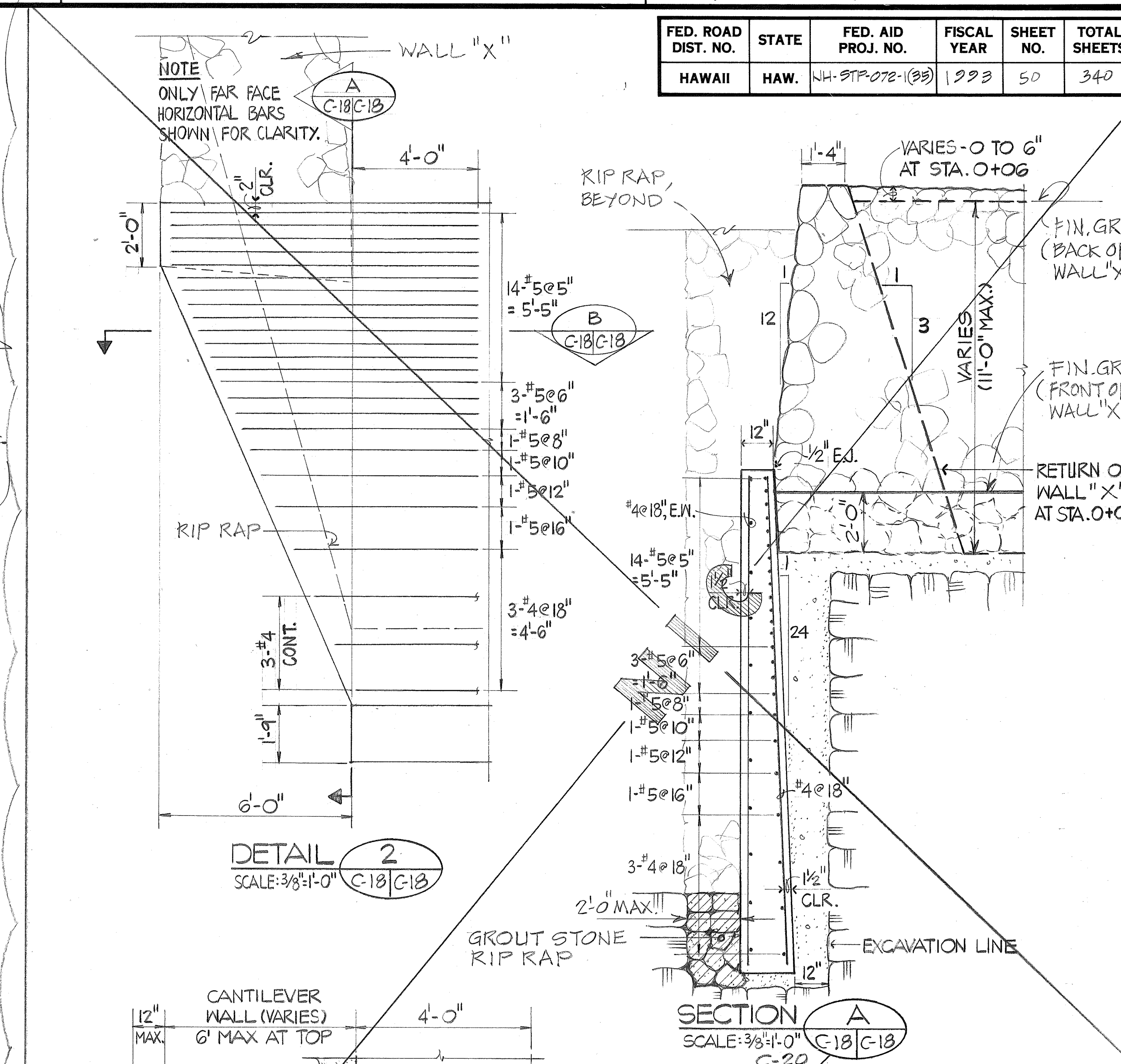
PLAN - RETAINING WALLS

SCALE: 1"=20'



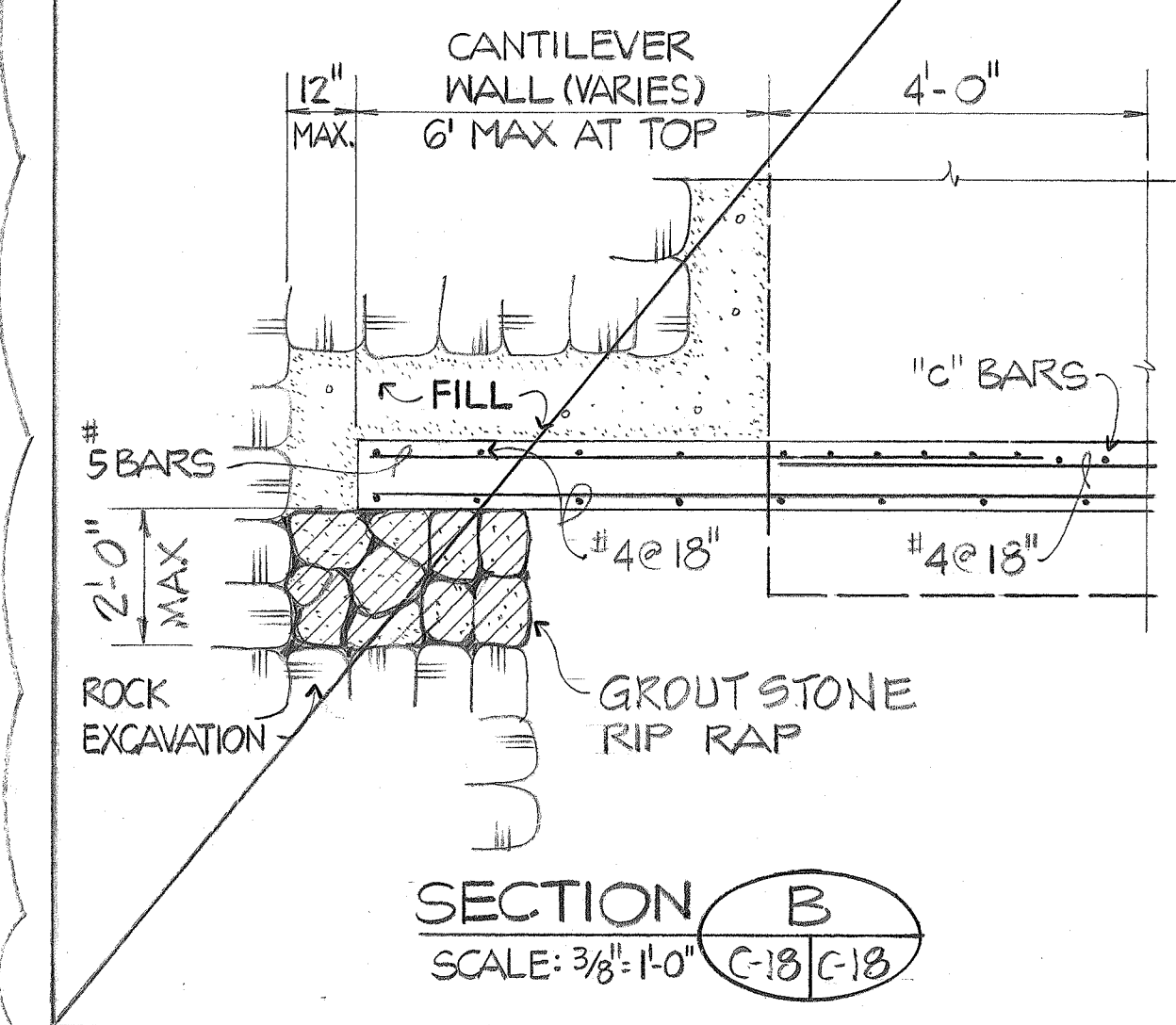
ELEVATION

SCALES: HORIZ. 1"=20'
VERT. 1"=4'



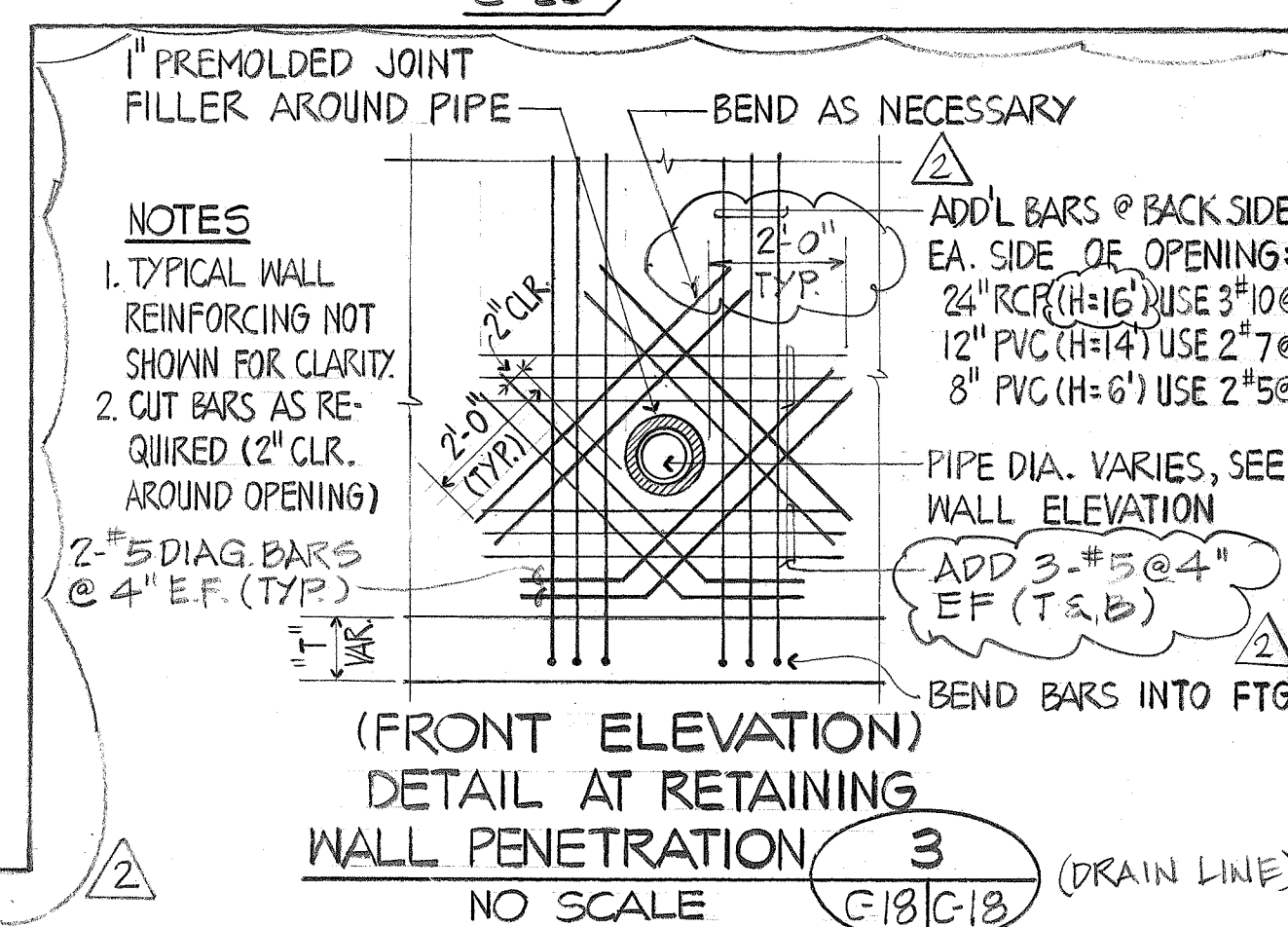
DETAIL

SCALE: $3/8" = 1'-0"$



SECTION

SCALE: $3/8" = 1'-0"$



(FRONT ELEVATION)

DETAIL AT RETAINING WALL PENETRATION

NO SCALE

(DRAIN LINE)
C-18 C-18



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAIKO DRIVE RETAINING WALL ELEVATIONS & DETAILS

KALANIANA'OLE HIGHWAY
E. HALEMAUMAU ST. TO KEAHOLE ST.
F.A. PROJECT NO. NH-STP-072-1(35)

Scale: AS NOTED Date: 10/1/92

SHEET No. C-18 OF 24 SHEETS

"AS-BUILT"

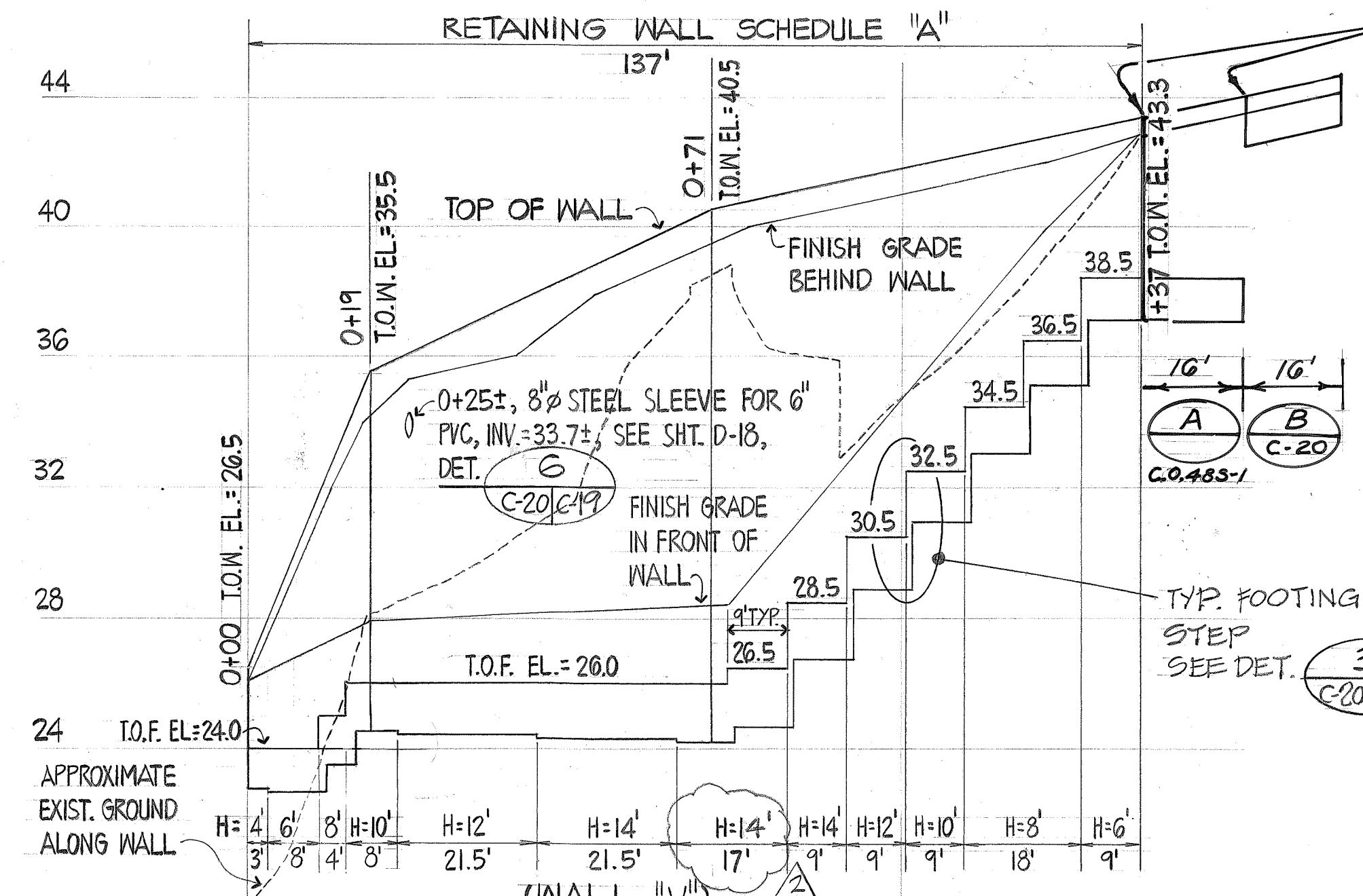
C.O. 50

7/26/93	C.O.#2	REVISED PLAN & ELEVATION. DELETED SECTIONS & DETAIL
6/30/93	C.O.#1	
DATE	REVISION	
APPROVED:	DATE:	
		7/2/93
CHIEF, DIV. OF WASTEWATER MGMT. (FOR EFFECT ON SEWERS ONLY)		

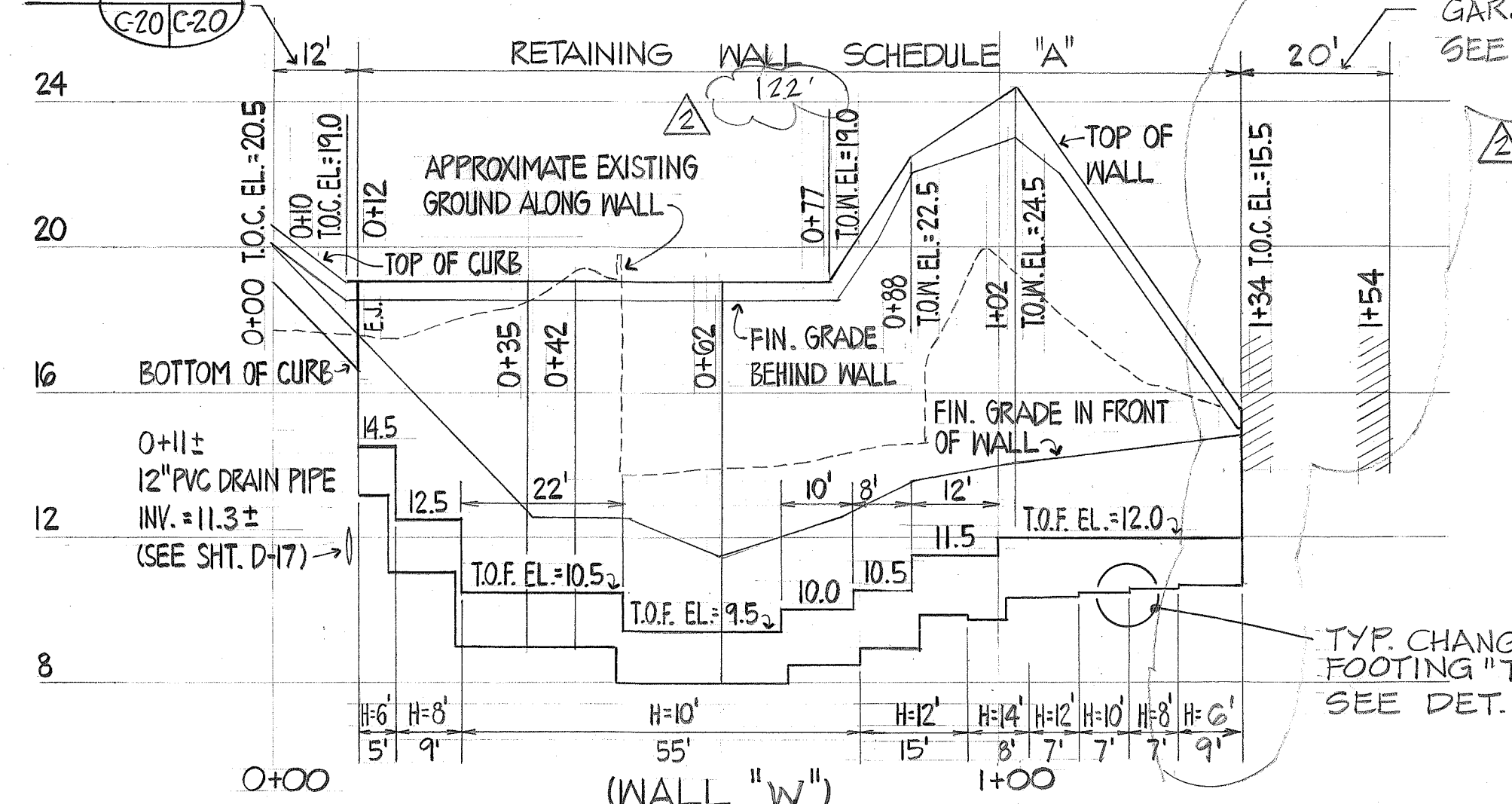
LEGEND

T.O.F. = TOP OF FOOTING
T.O.W. = TOP OF WALL
T.O.C. = TOP OF CURB
MEM = CUT IN ROCK

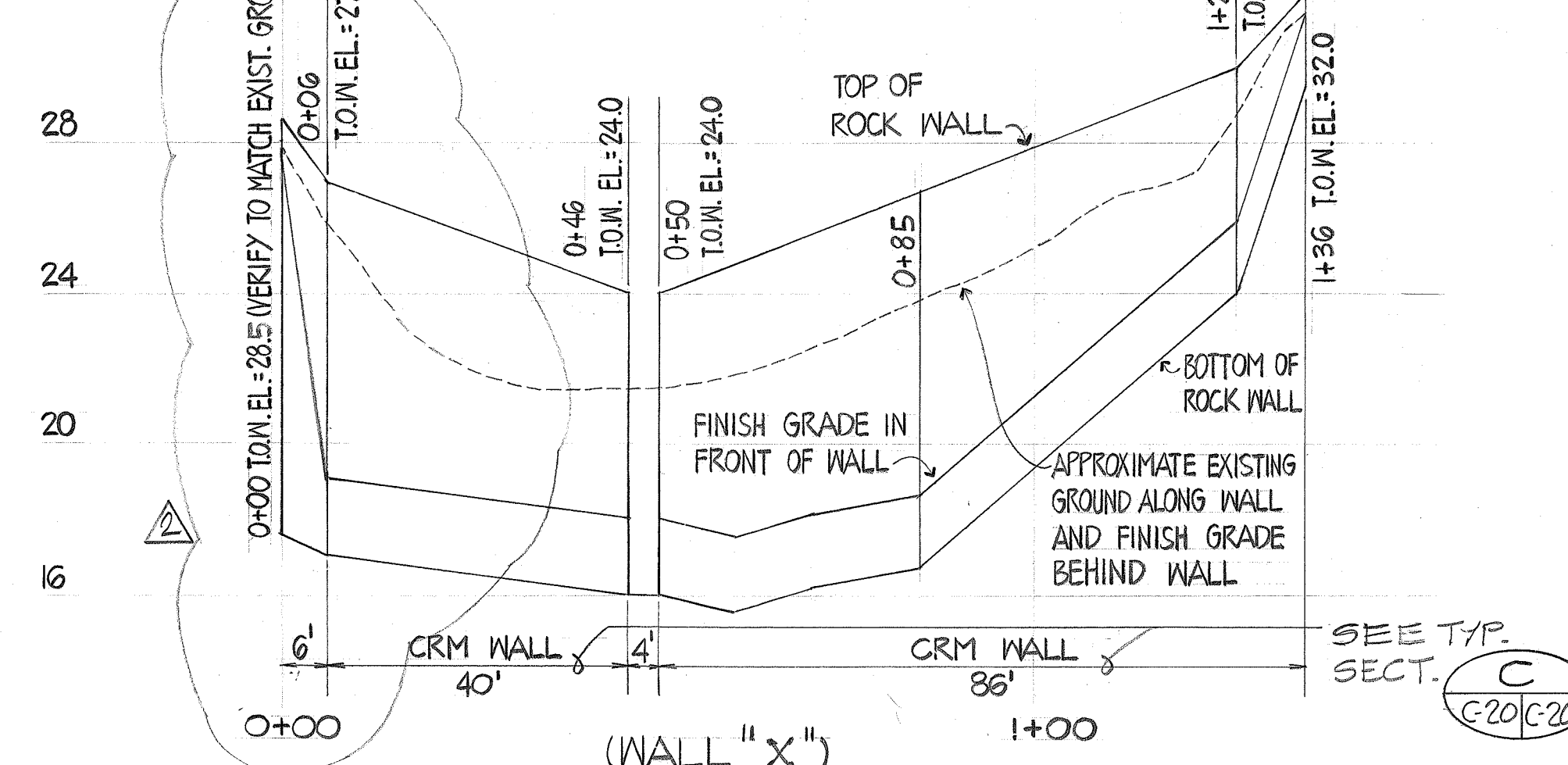
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-072-1(35)	1993	52	340



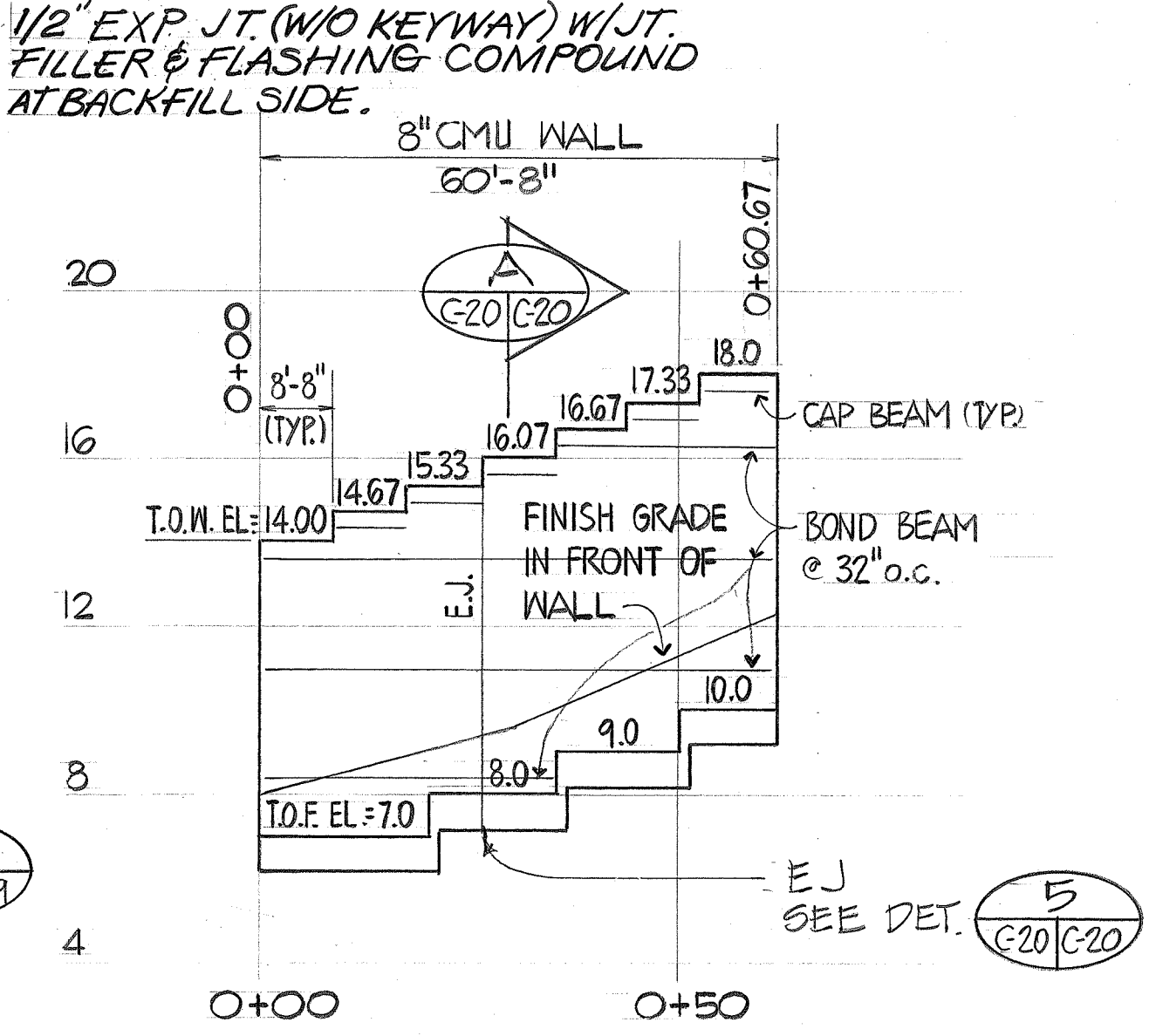
(WALL "V")
ELEVATION 1
SCALE: HORIZ. 1"=20'
VERT. 1"=4'



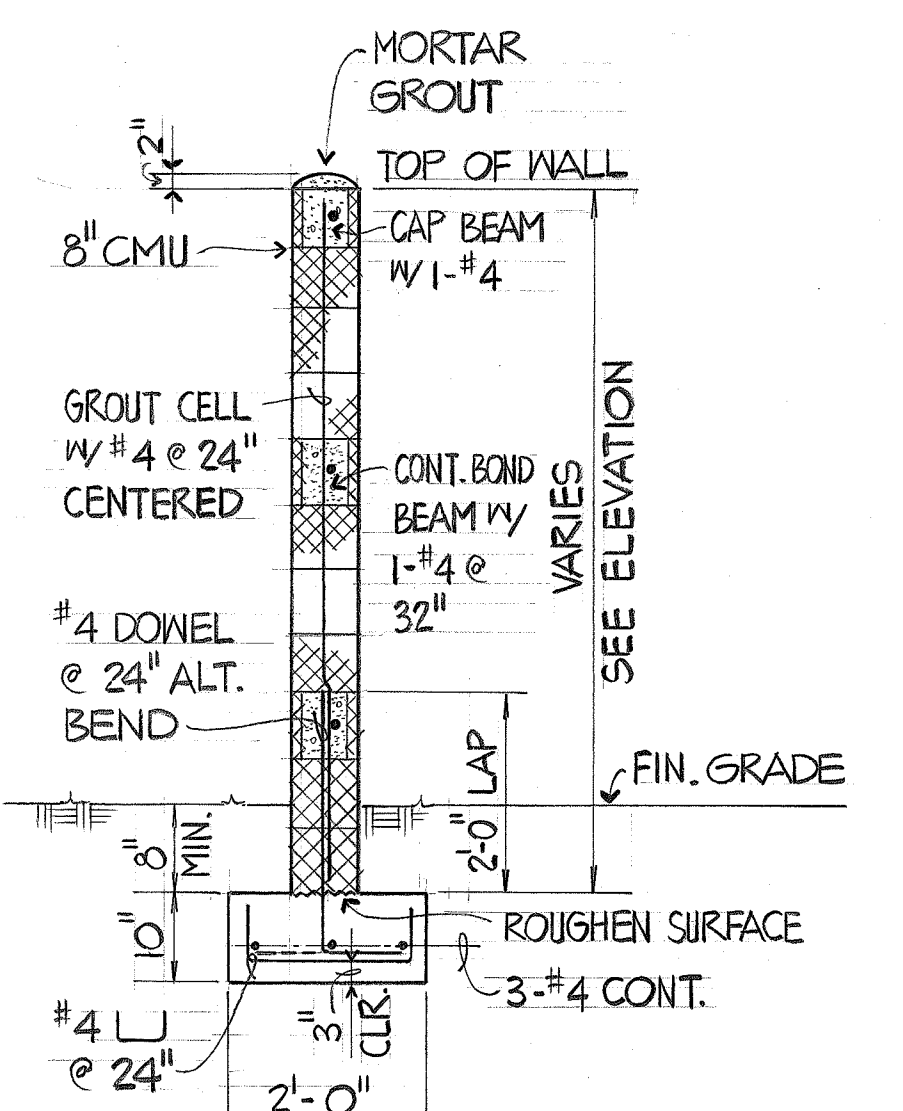
(WALL "W")
ELEVATION 2
SCALE: HORIZ. 1"=20'
VERT. 1"=4'



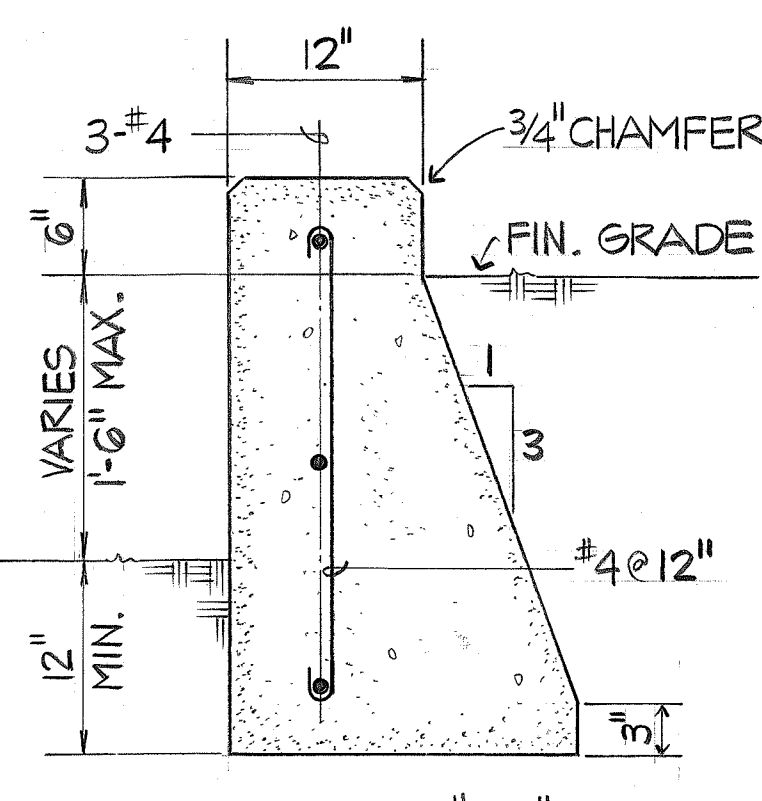
(WALL "X")
ELEVATION 3
SCALE: HORIZ. 1"=20'
VERT. 1"=4'



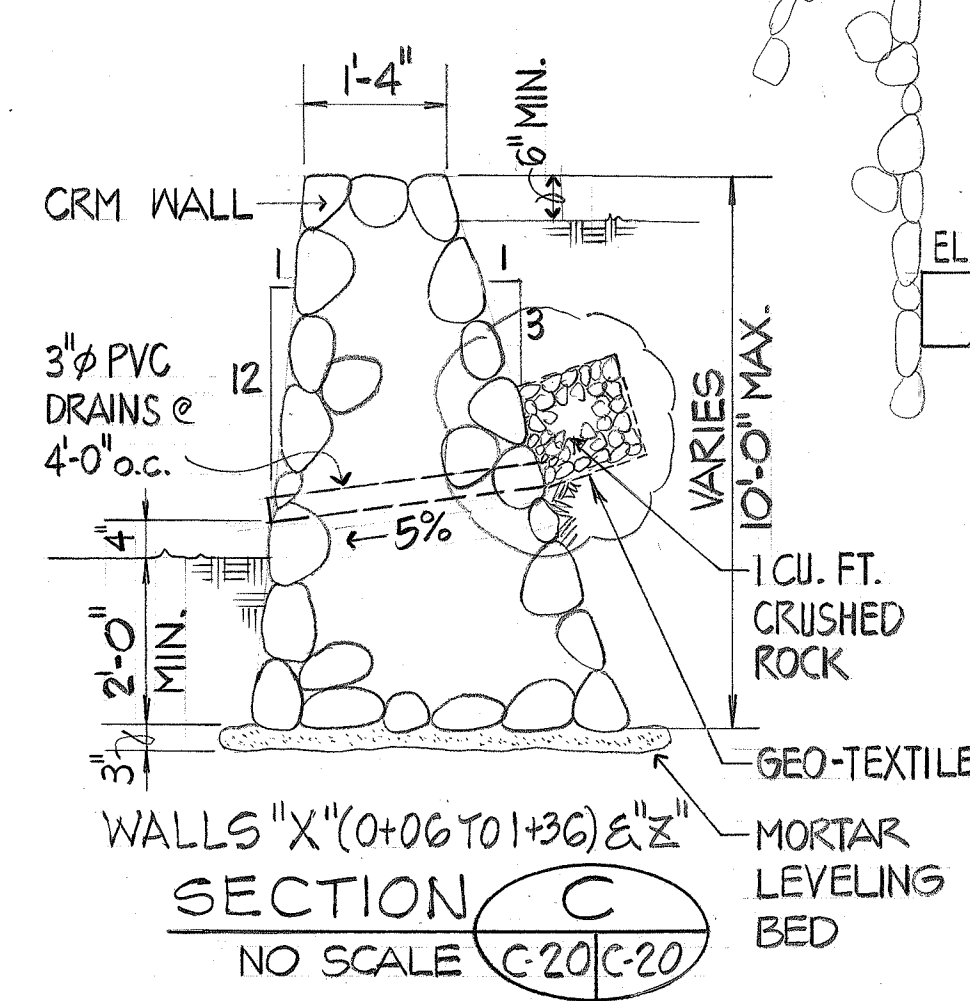
(WALL "Y")
ELEVATION 4
SCALE: HORIZ. 1"=20'
VERT. 1"=4'



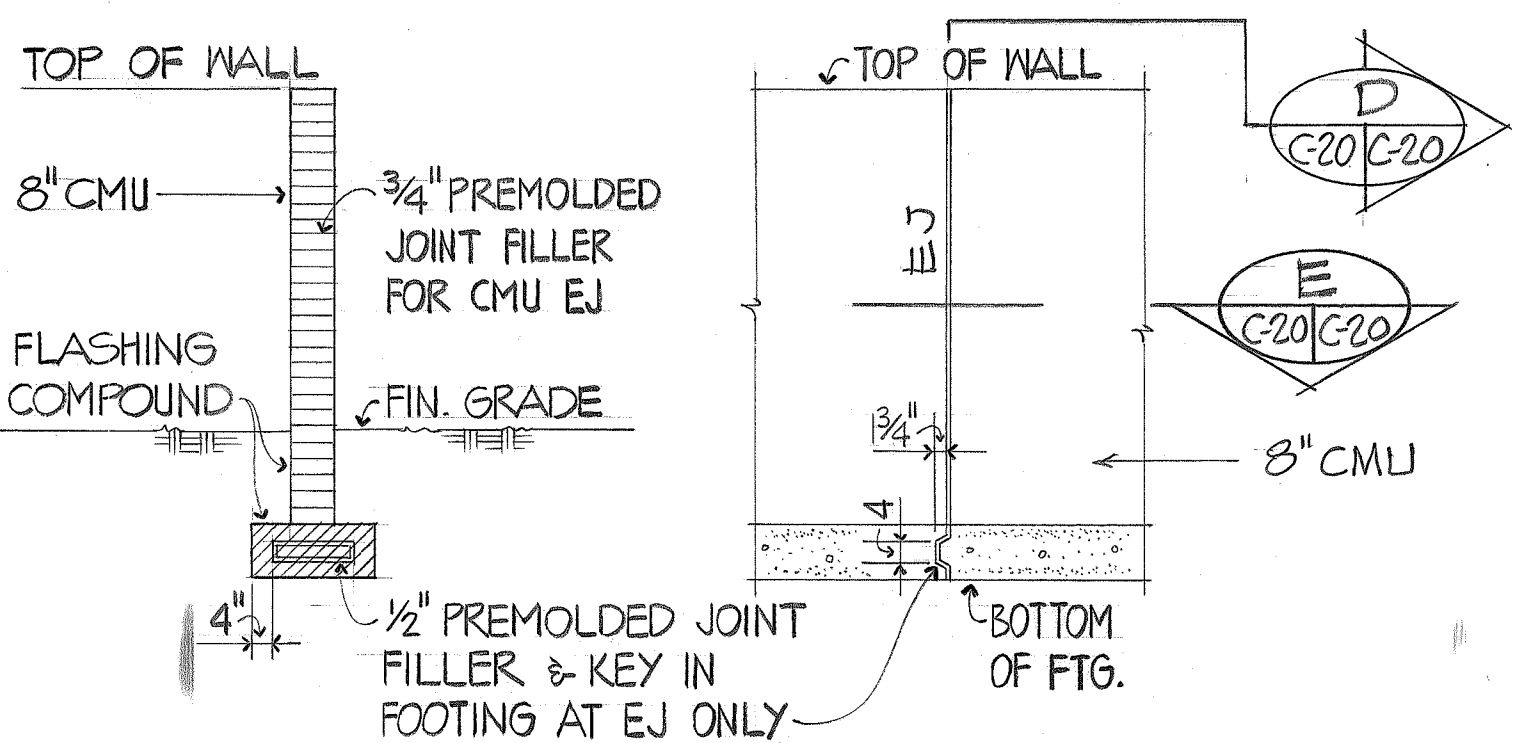
(WALL "Y")
TYP. WALL SECTION A
NO SCALE



(WALL "W")
SECTION B
NO SCALE



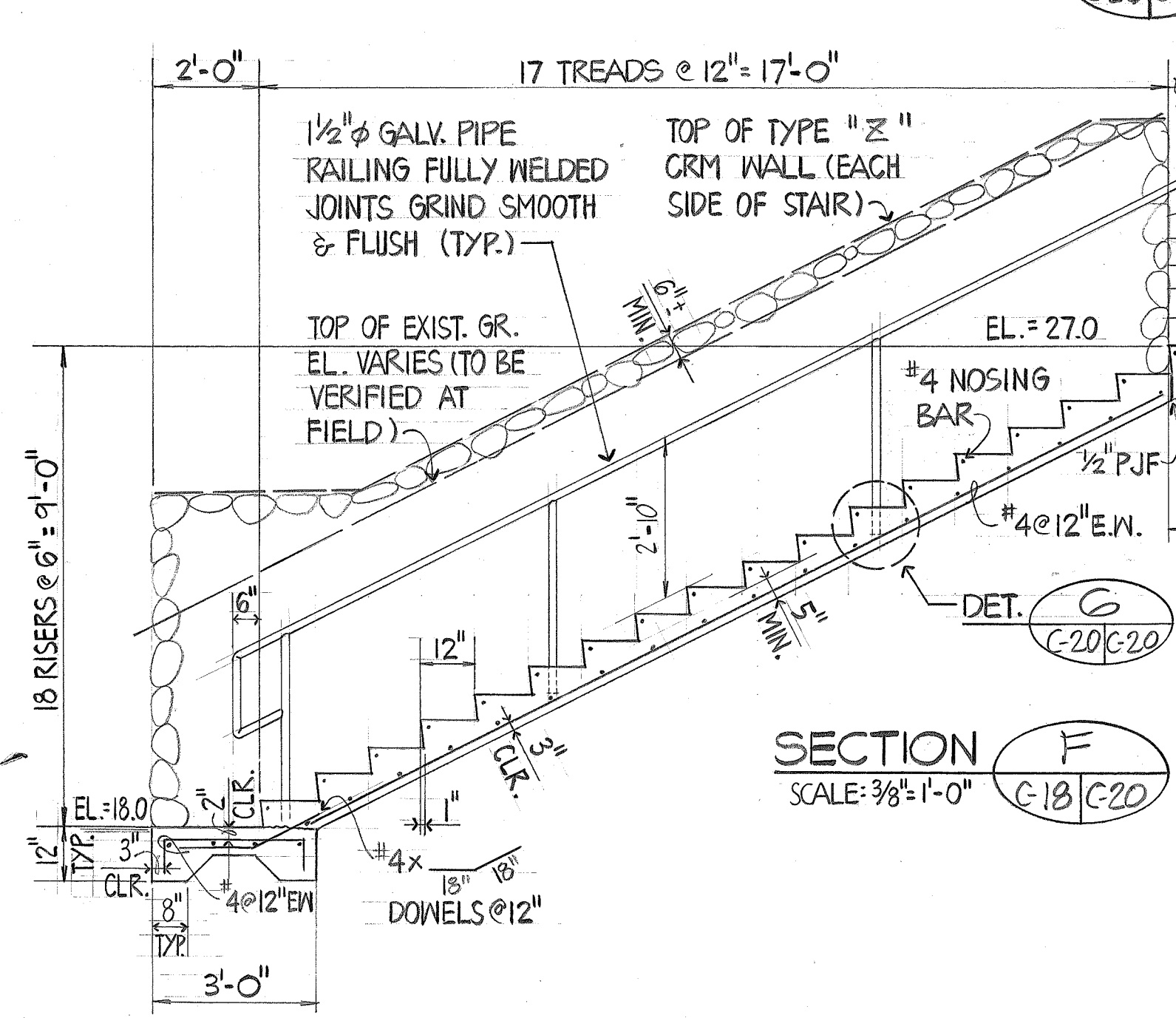
(WALL "X")
SECTION C
NO SCALE



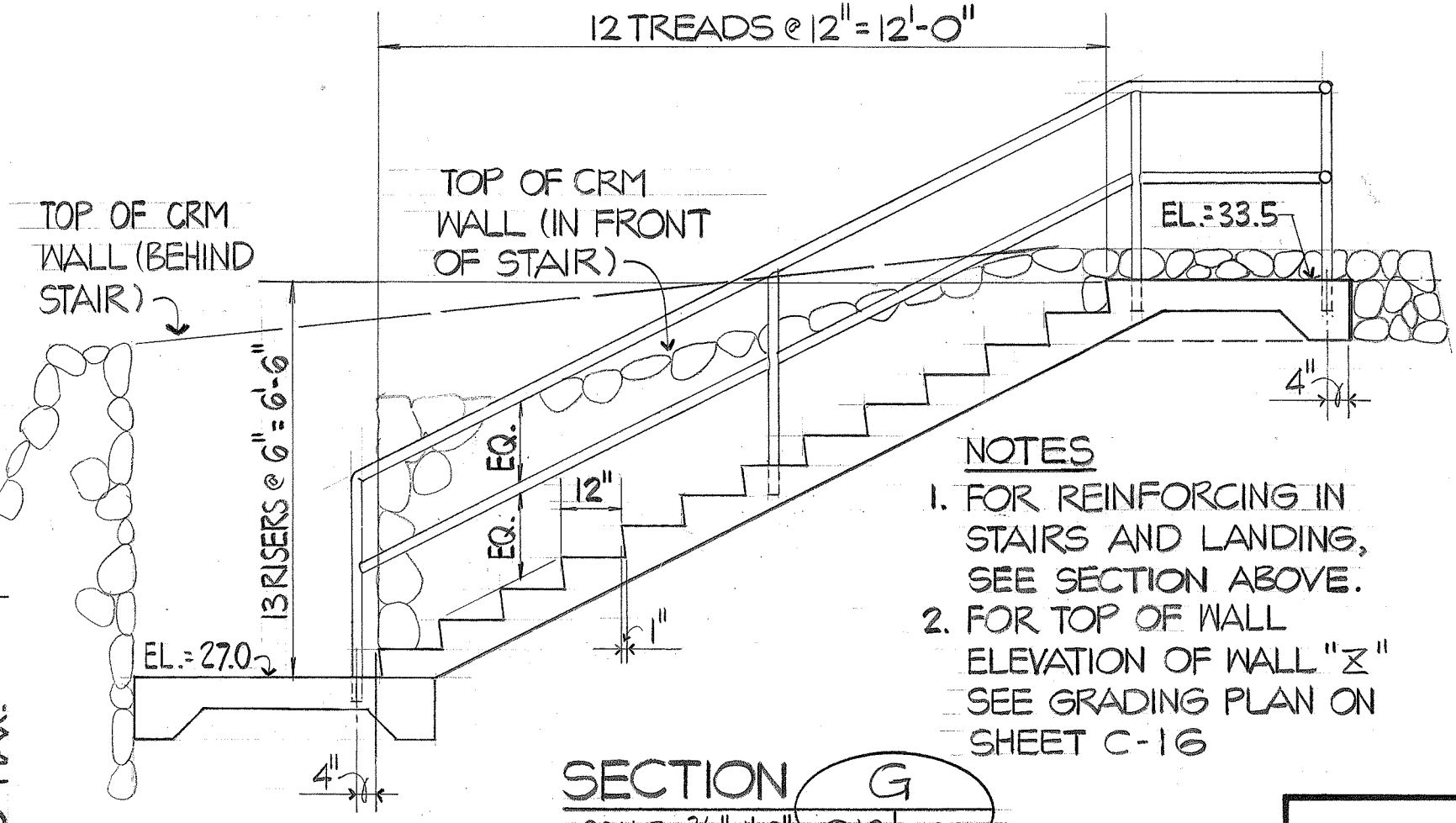
WALL SECTION D
NO SCALE

WALL ELEVATION
NO SCALE

TYP. CMU EXPANSION JOINT (EJ) DETAILS

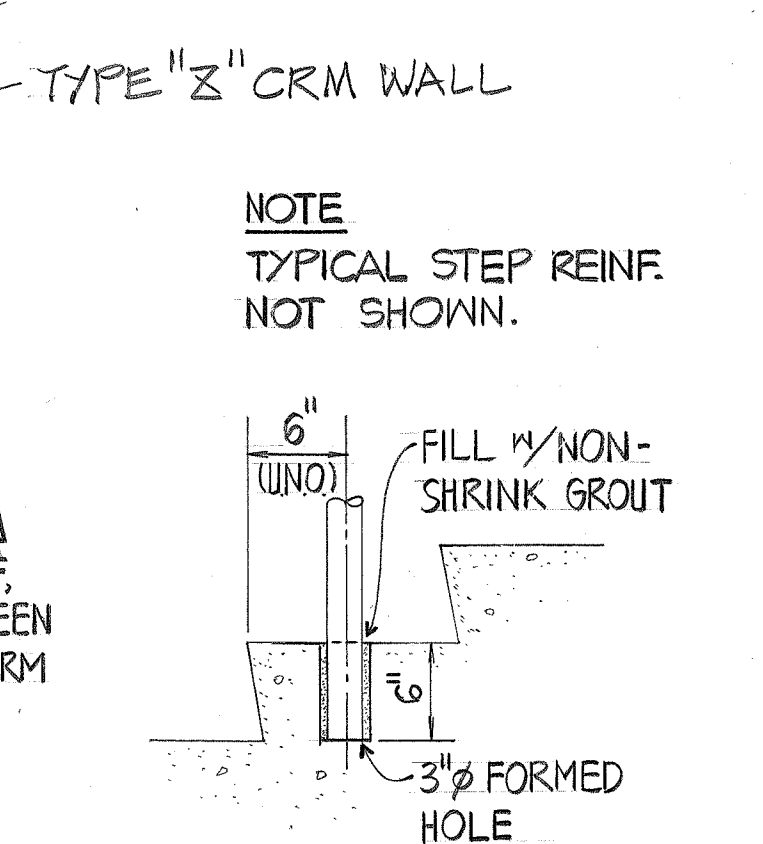
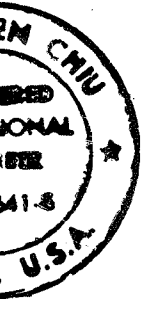


SECTION F
SCALE: 3/8"=1'-0"

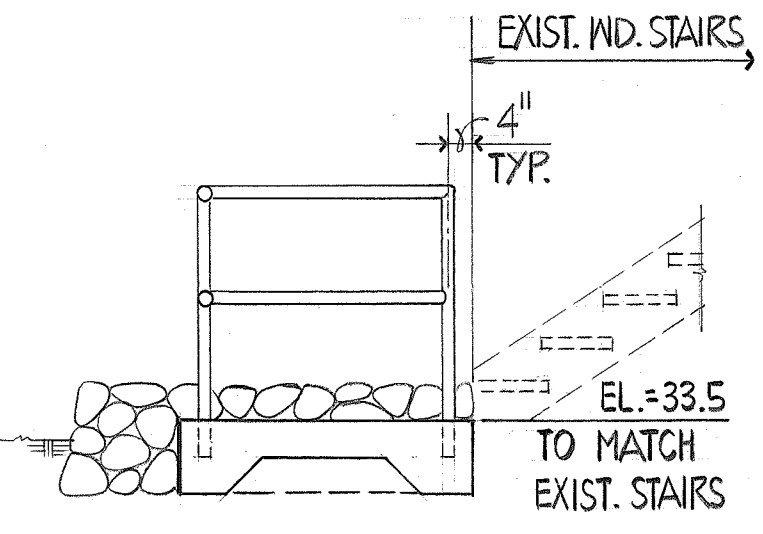


SECTION G
SCALE: 3/8"=1'-0"

- NOTES
- FOR REINFORCING IN STAIRS AND LANDING, SEE SECTION ABOVE.
 - FOR TOP OF WALL ELEVATION OF WALL "X" SEE GRADING PLAN ON SHEET C-16



DETAIL G
SCALE: 1"=1'-0"



SECTION H
SCALE: 3/8"=1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAIKO DRIVE
RETAINING WALL
ELEVATIONS & DETAILS**

KALANIANA'OLE HIGHWAY
E. HALEMAUMAU ST. TO KEAHOLE ST.
F.A. PROJECT NO. NH-STP-072-1(35)

Scale: AS NOTED Date: 10/1/92
SHEET No. C-20 OF 24 SHEETS

7/26/93	C.O.#2 REVISED WALLS "V", "W" & "X"
DATE	REVISION

"AS-BUILT"