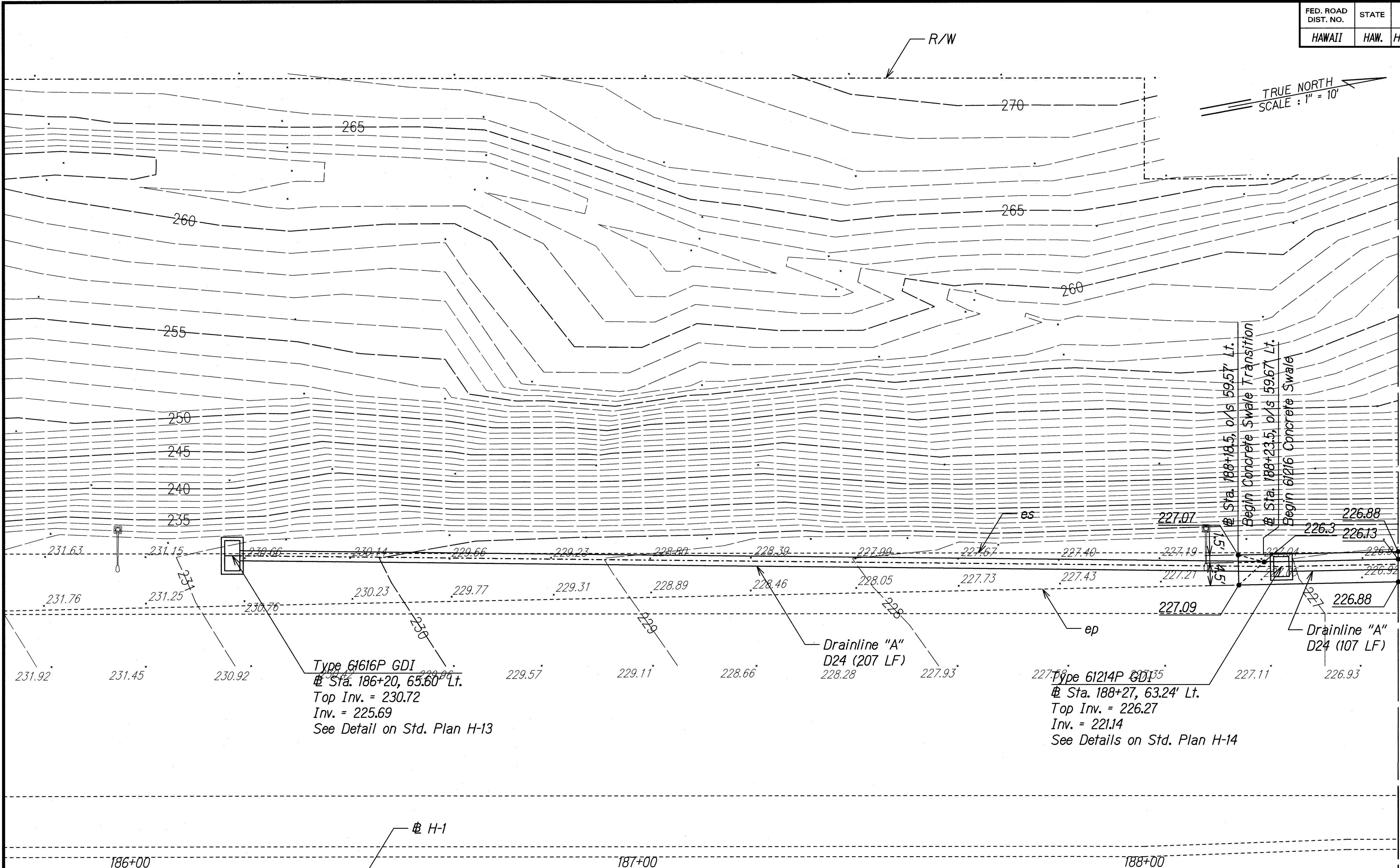


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	50	241



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

T:\16568A-HISAFETY\ROAD\DRAINAGE\DRN-01.DGN

GERALD D. ANDRADE
LICENSED PROFESSIONAL ENGINEER
No. 10377-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andrade* 04/30/20
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE & GRADING PLAN
@ STA. 186+00 TO 188+50

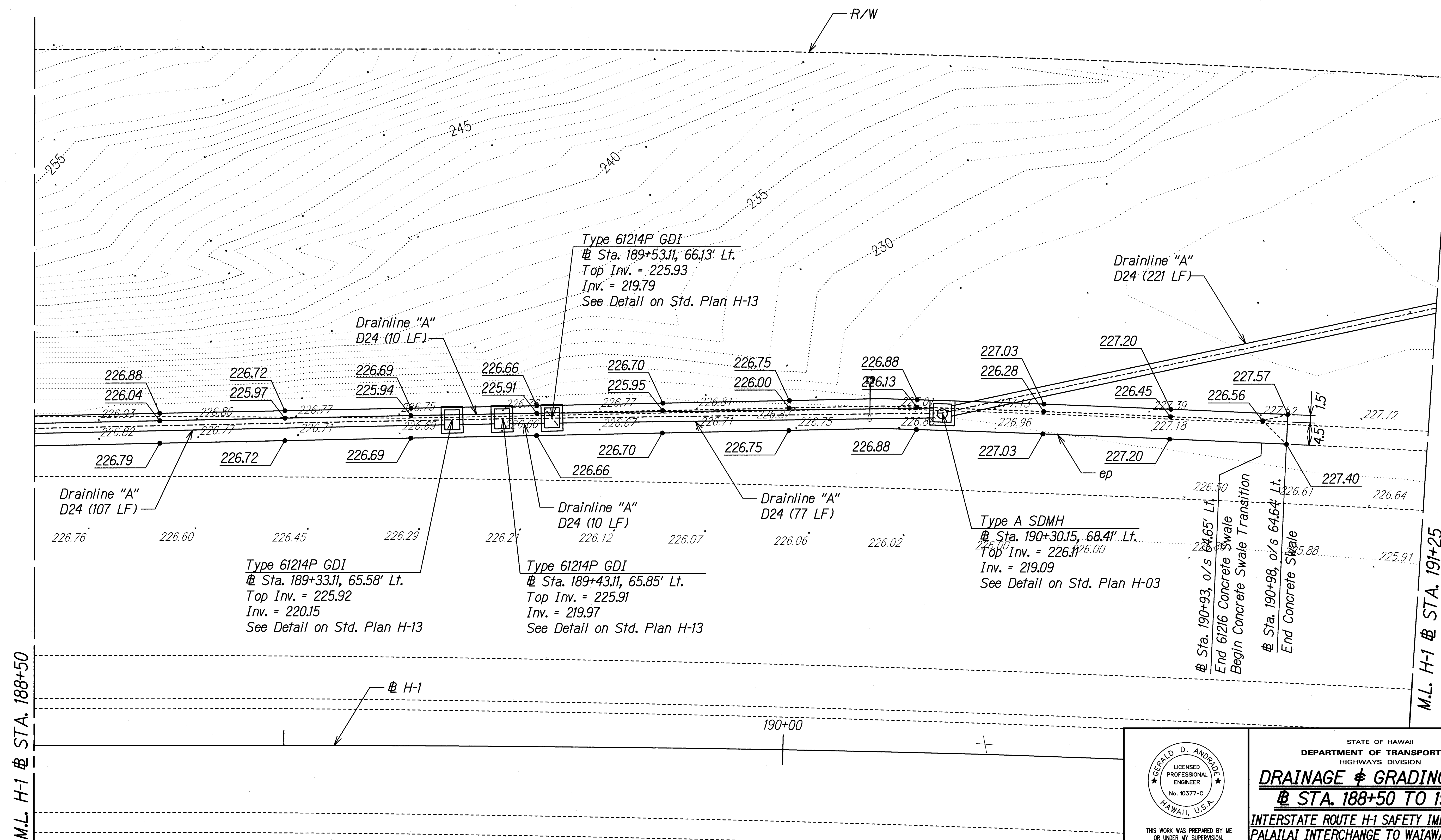
INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALALAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: 1"=10' Date: July 26, 2018

SHEET No. D-1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-K(270)	2018	51	241

TRUE NORTH
SCALE: 1" = 10'



ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	

T:\16568A-HISAFETY\CADD\SHEETS\DRAINAGE\DRN-02.DGN

GERALD D. ANDRADE
LICENSED PROFESSIONAL ENGINEER
No. 10377-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andrade* 04/30/20
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE & GRADING PLAN
@ STA. 188+50 TO 191+25

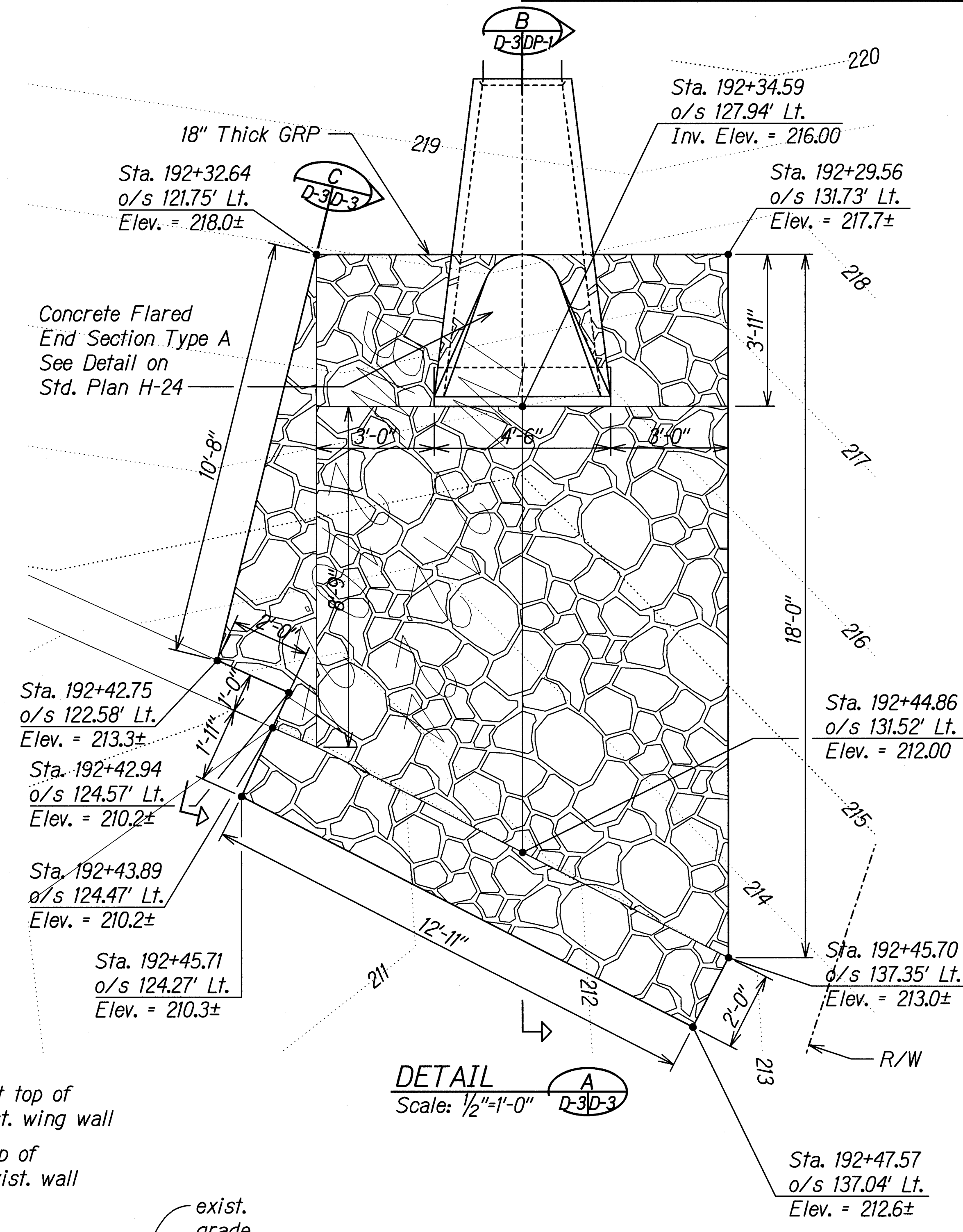
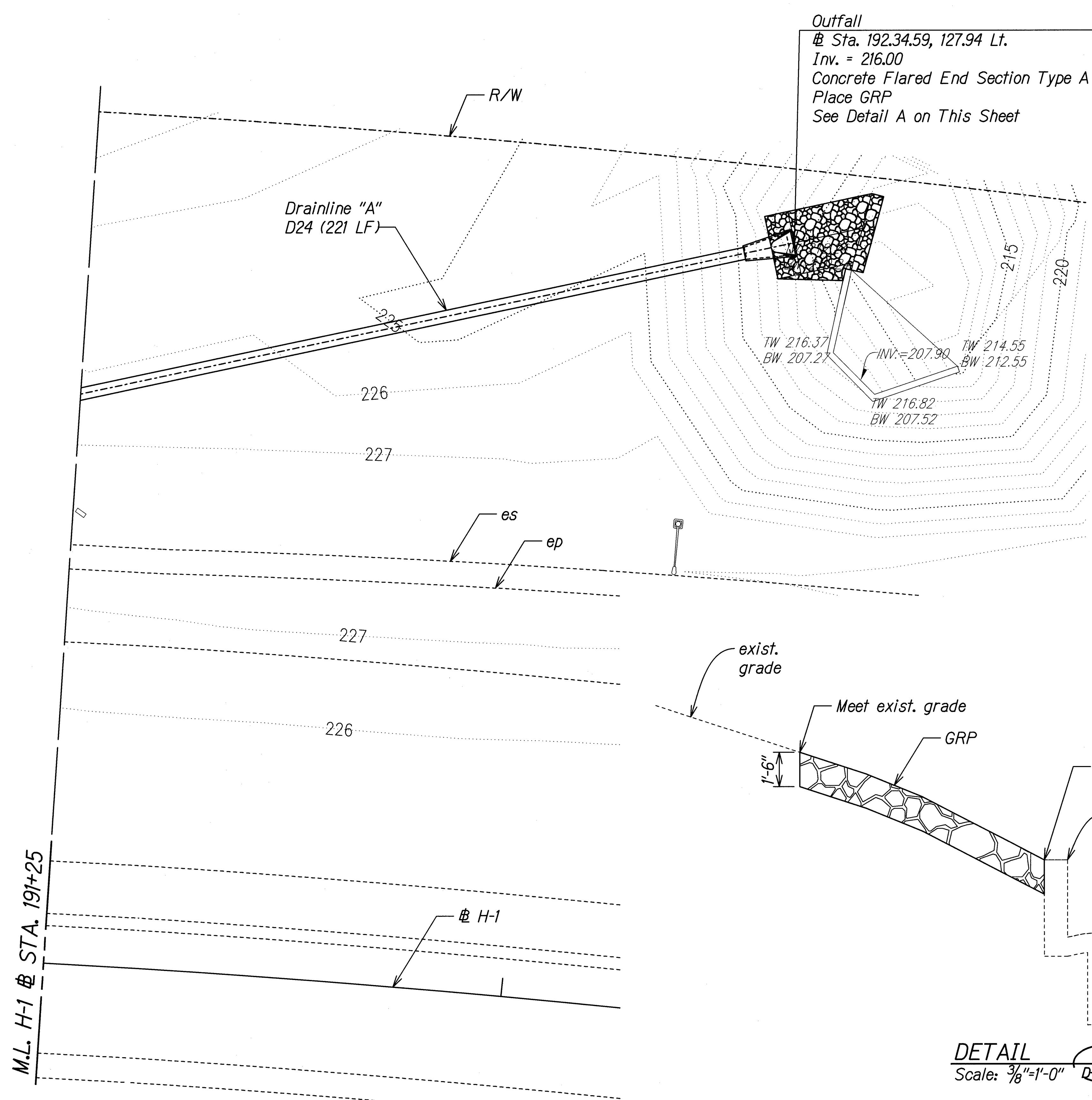
INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALALAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-K(270)

Scale: 1"=10' Date: July 26, 2018

SHEET No. D-2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	52	241

TRUE NORTH
SCALE: 1" = 10'



DETAIL A
Scale: 1/2" = 1'-0"

DETAIL C
Scale: 3/8" = 1'-0"

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

T:\16568A-HISAFETY\CADD\SHEETS\DRAINAGE\DRW-03.DGN

GERALD D. ANDRADE
LICENSED PROFESSIONAL ENGINEER
No. 10377-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *Gerald D. Andrade* 04/30/20
EXPIRATION DATE OF THE LICENSE

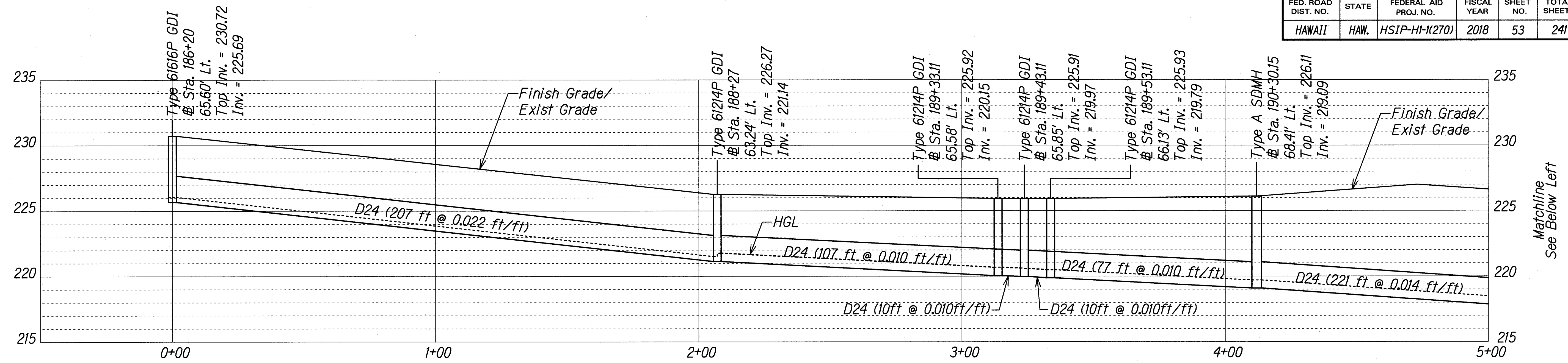
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE & GRADING PLAN
STA. 191+25 TO 193+00
INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALAILAI INTERCHANGE TO WAIKAWA OVERPASS
FAP NO. HSIP-HI-1(270)

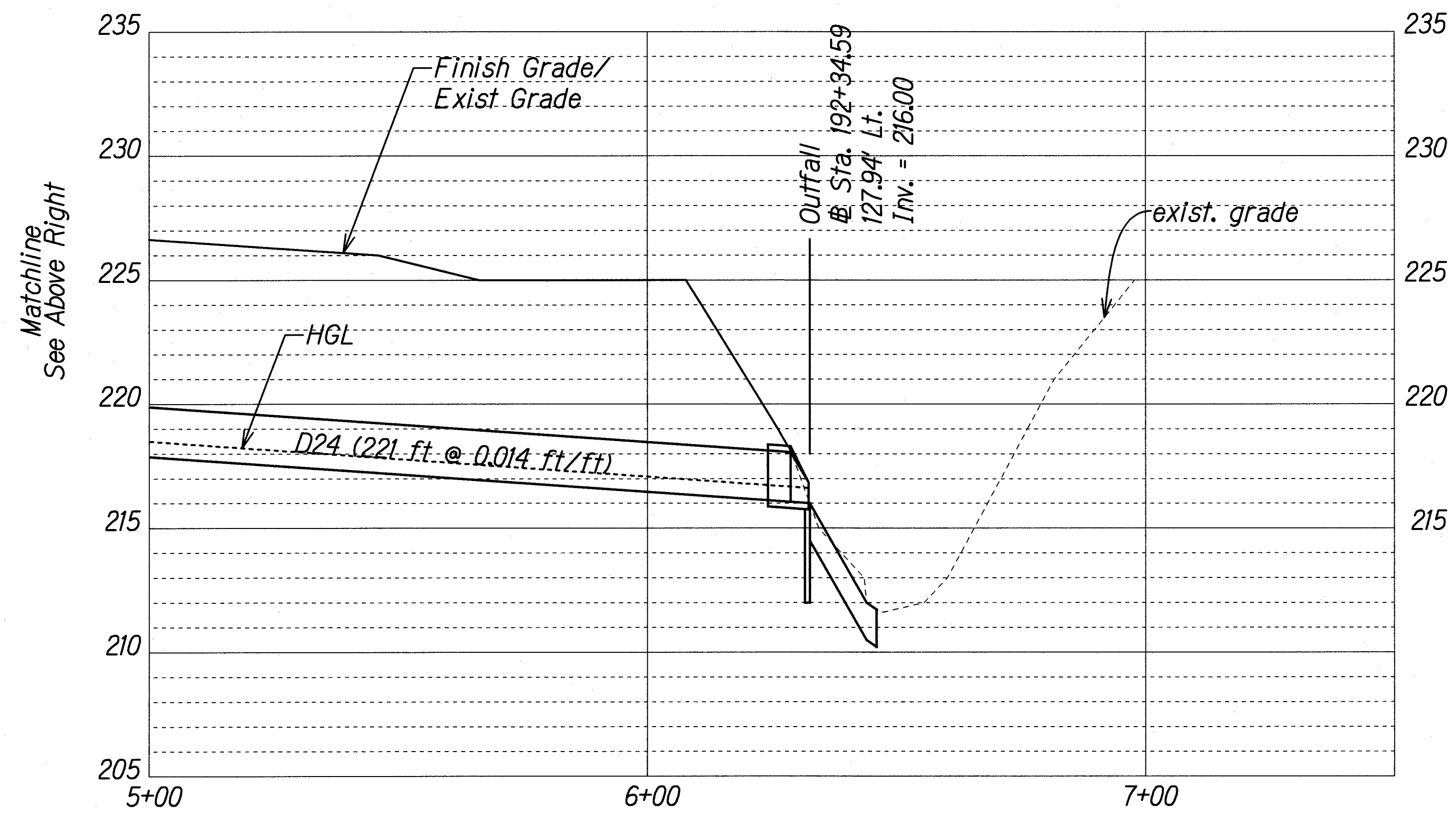
Scale: 1"=10' Date: July 26, 2018

SHEET No. D-3 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	53	241

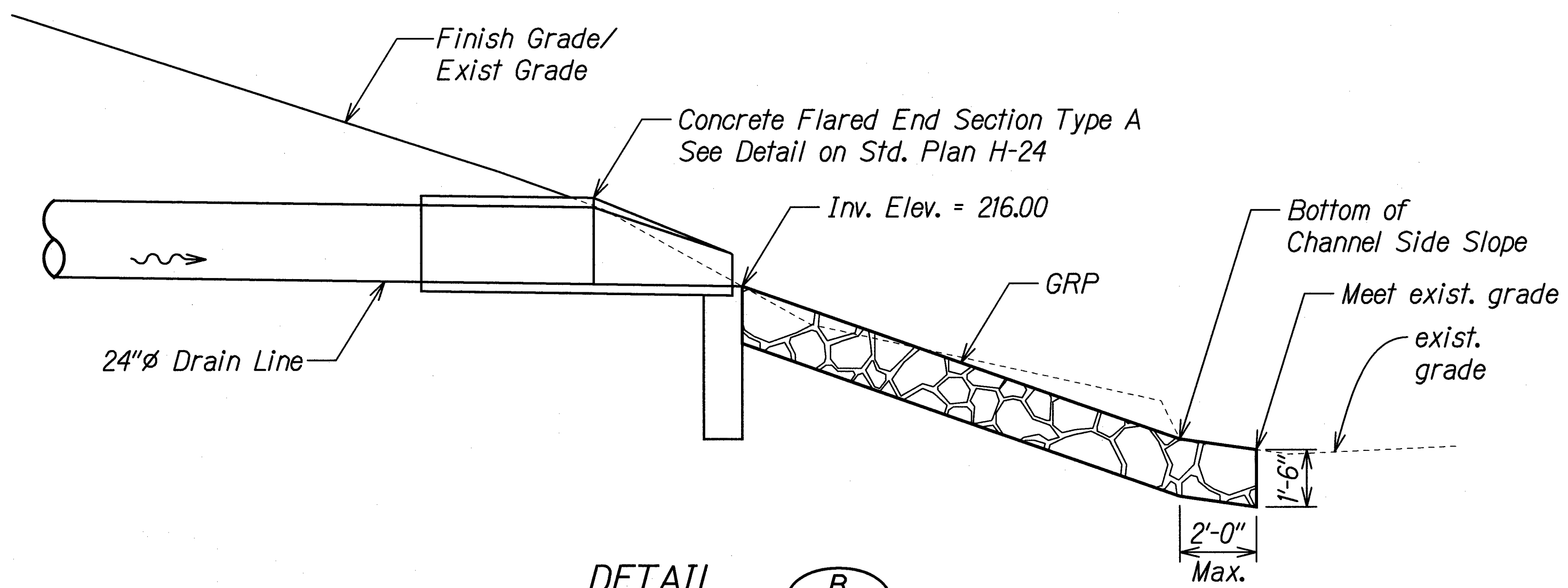


PROFILE - DRAINLINE "A"
Scale: Horiz. 1"=20'
Vert. 1"=4'



PROFILE - DRAINLINE "A"
Scale: Horiz. 1"=20'
Vert. 1"=4'

Note:
All construction work shall occur
above the Ordinary High Water (OHW)
Mark elevation



DETAIL
Scale: 3/8"=1'-0" B
D-3DP-1

ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
CHECKED BY	
DATE	

T:\165684-HSAFETY\CAAD\SHEETS\DRAINAGE\DRN_PROF.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: *Gerald D. Andrade* 04/30/20
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PROFILE

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS
PALALAI INTERCHANGE TO WAIAWA OVERPASS
FAP NO. HSIP-HI-1(270)

Scale: As Shown Date: July 26, 2018

SHEET No. DP-1 OF 1 SHEETS