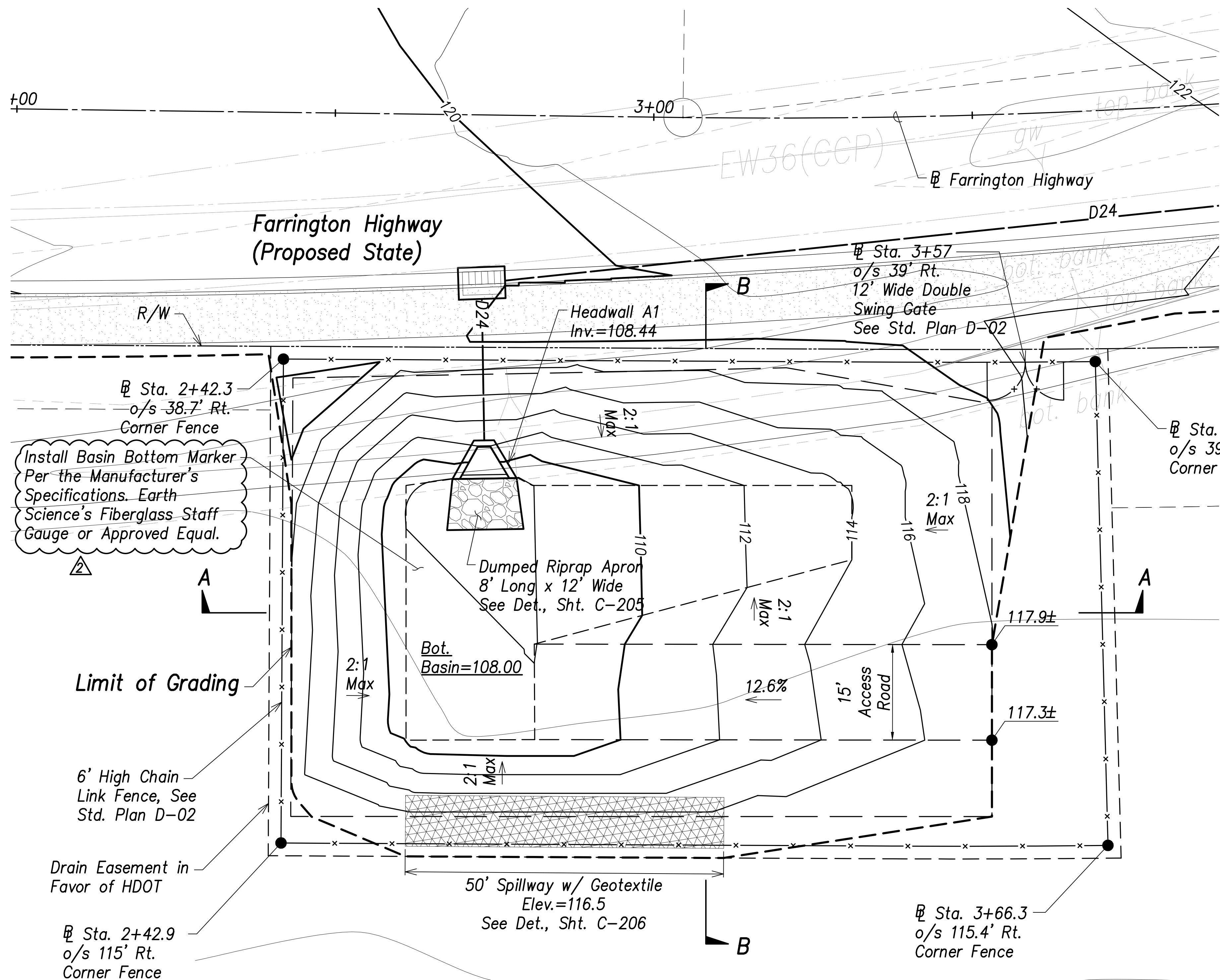


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	105	767

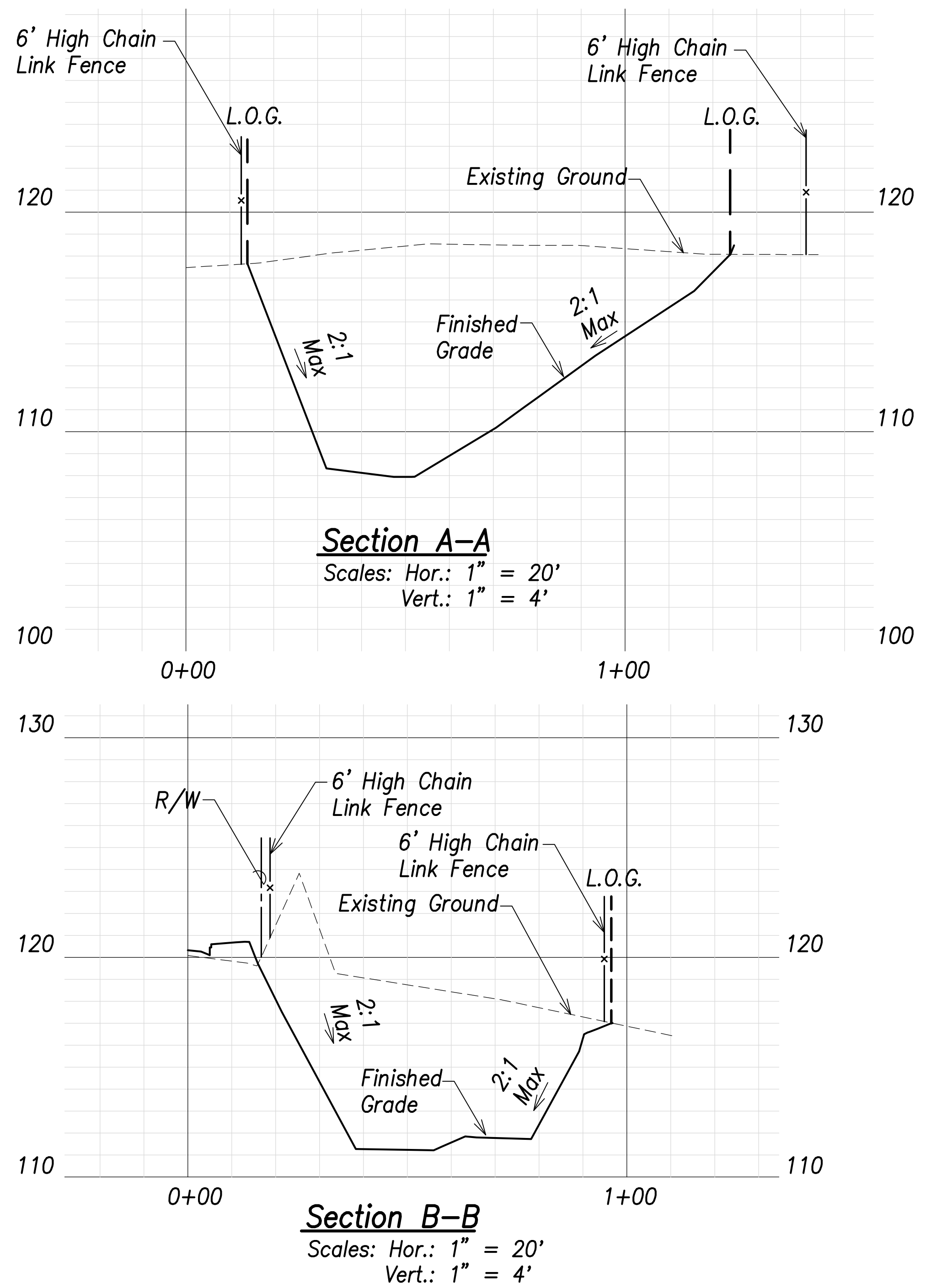


Basin A Grading and Fence Plan
Scale: 1" = 10'

Legend:

- 70 --- Existing Grade Contour
- 100 --- Finished Grade Contour
- Limit of Grading

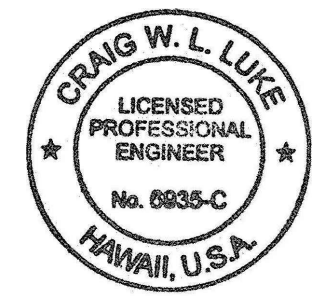
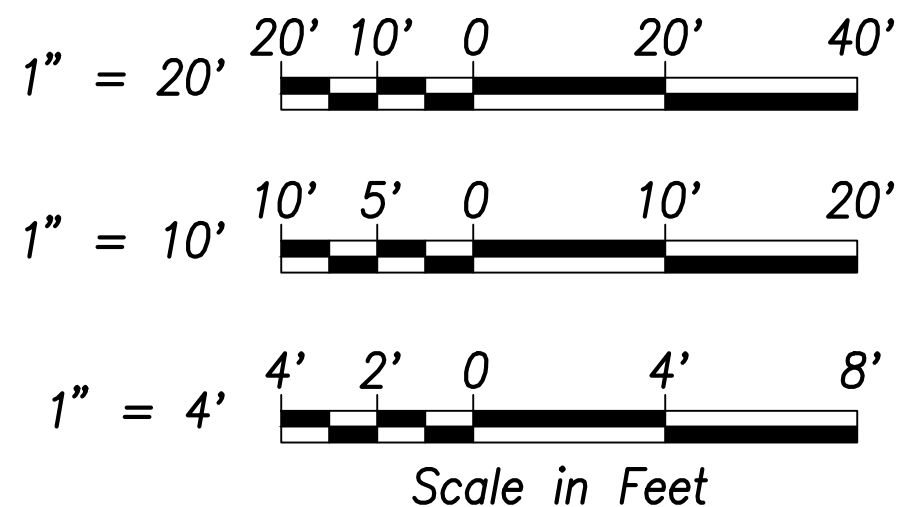
Basin A Summary
Capacity = 1,044 CY
Volume Req'd. (5 Yr., 24 Hr.) = 979 CY



Section B-B

Scales: Hor.: 1" = 20'
Vert.: 1" = 4'

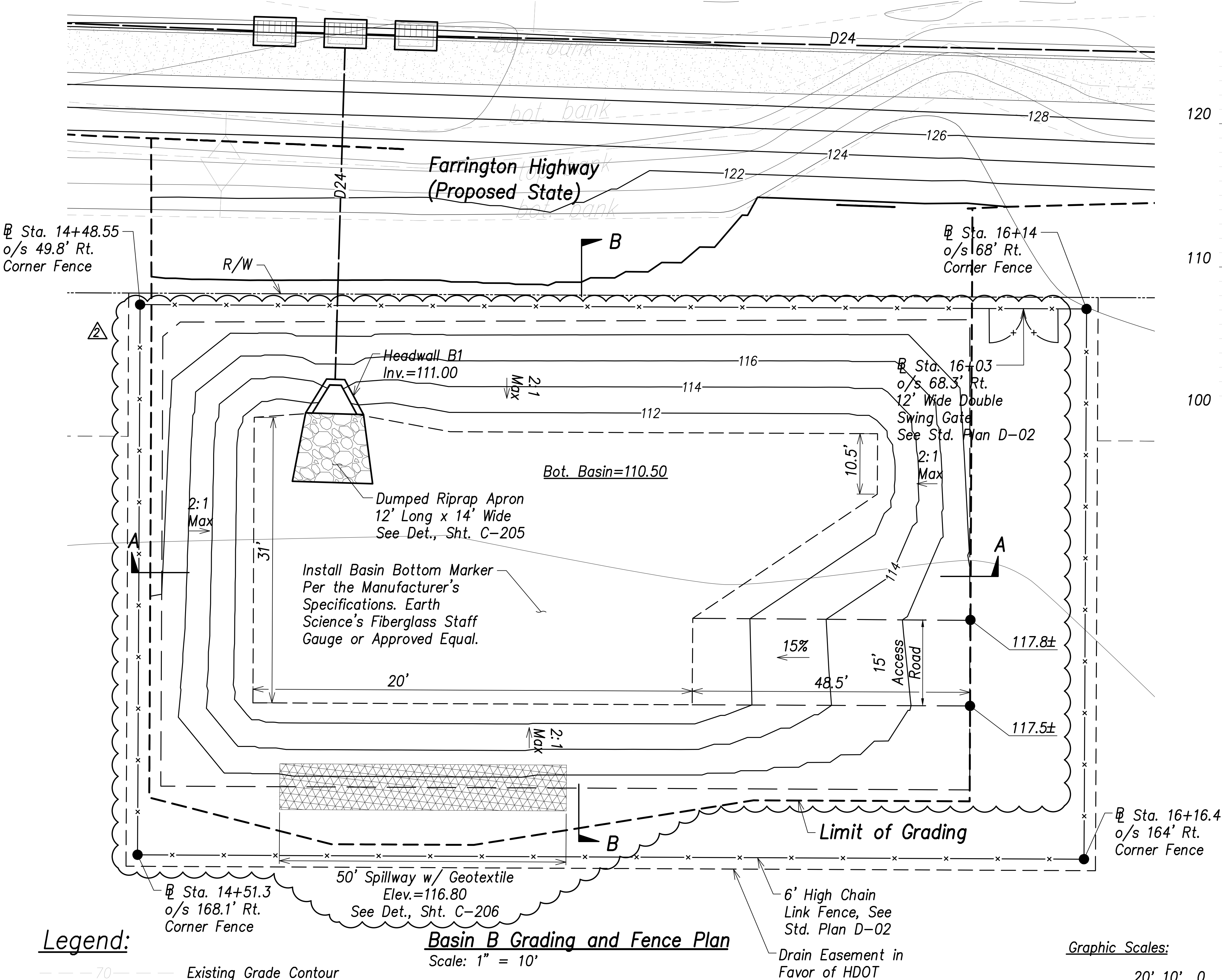
Graphic Scales:



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
Signature: [Signature]
EXPIRATION DATE OF THE LICENSE: April 30, 2022

06/08/22	Added basin marker; Revised basin summary
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
Basin A Grading and Fence Plan	
FARRINGTON HIGHWAY WIDENING Kapolei Golf Course Road to Fort Weaver Road Project No. 7101A-01-20	
Scale: As Shown	Date: April 2022
SHEET NO. C-104 OF 767 SHEETS	

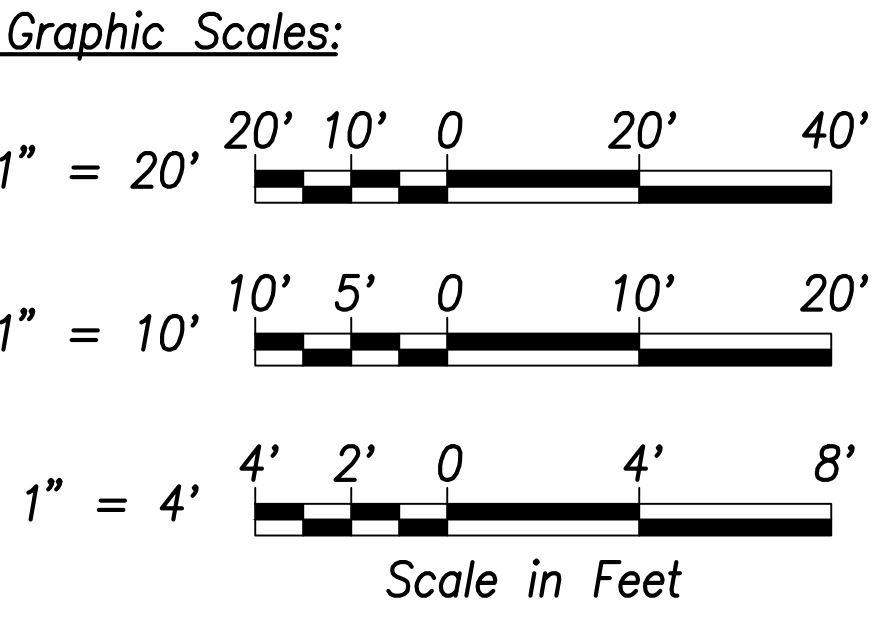
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	106	767



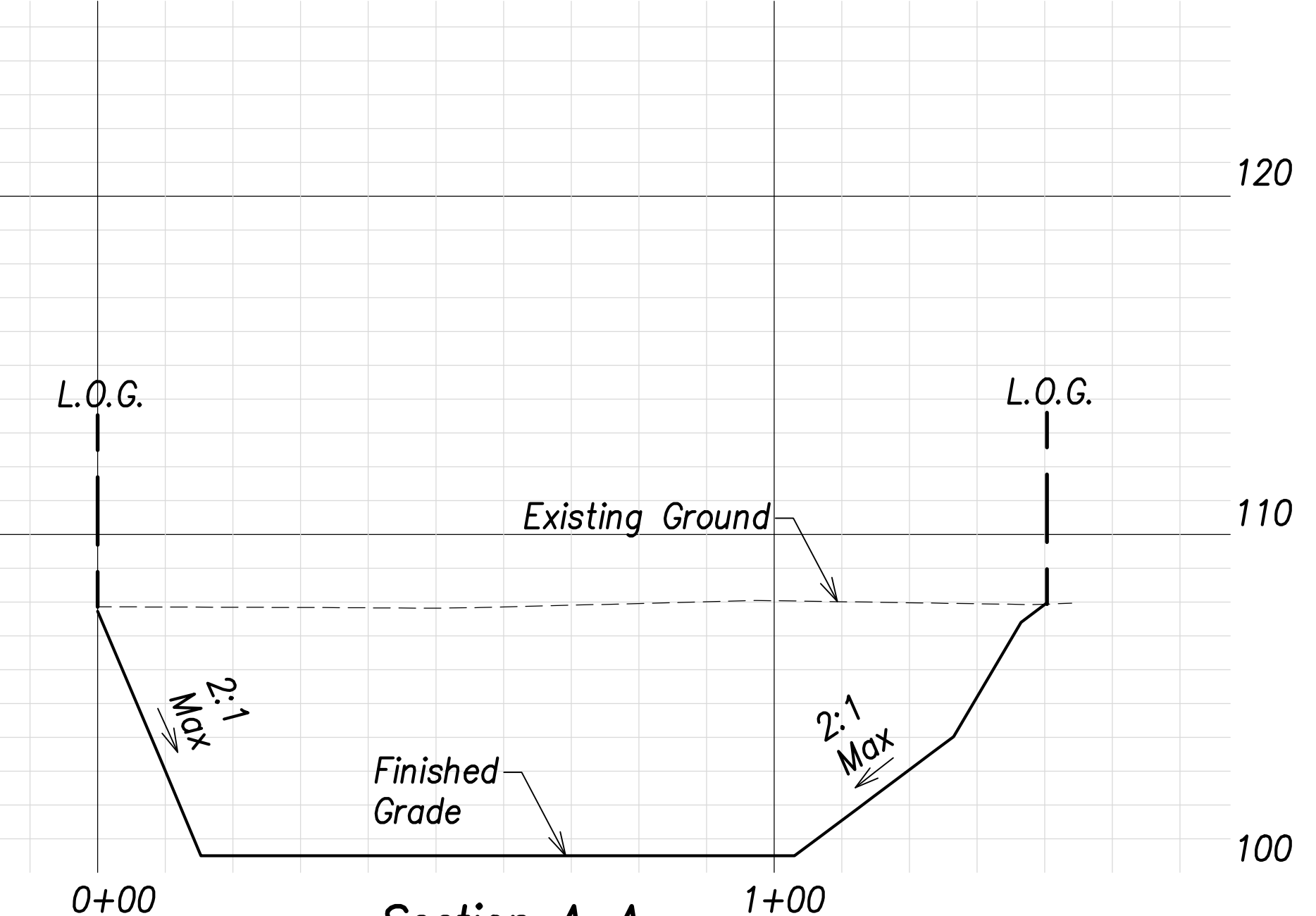
- Legend:**
- - - 70 - - - Existing Grade Contour
 - - - 100 - - - Finished Grade Contour
 - - - - - Limit of Grading

Basin B Grading and Fence Plan
Scale: 1" = 10'

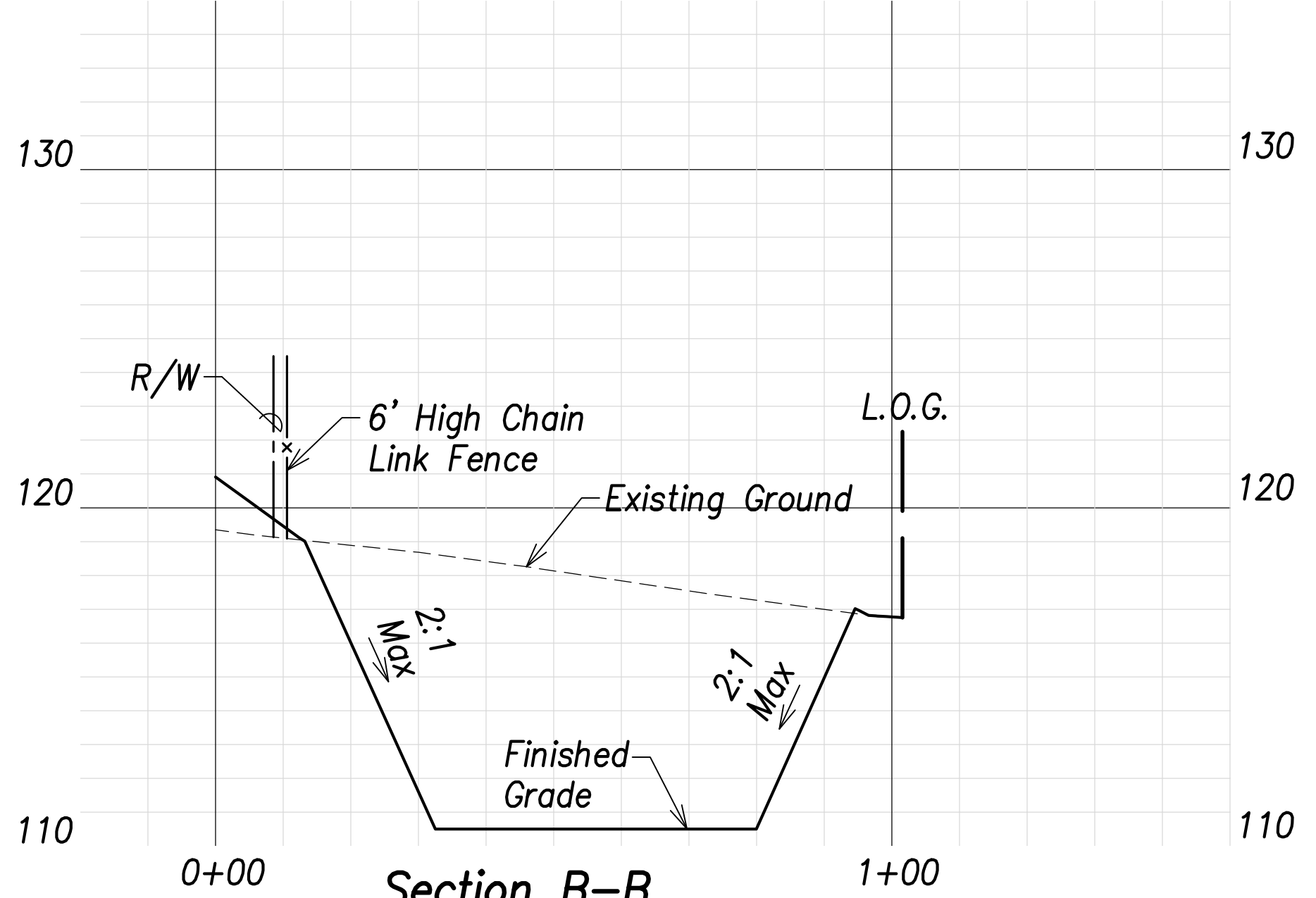
Basin B Summary
Capacity = 2,115 CY
Volume Req'd. (5 Yr., 24 Hr.) = 2,052 CY



Section A-A
Scales: Hor.: 1" = 20'
Vert.: 1" = 4'



Section B-B
Scales: Hor.: 1" = 20'
Vert.: 1" = 4'



06/08/22	Added basin marker, revised basin grading
DATE	REVISION

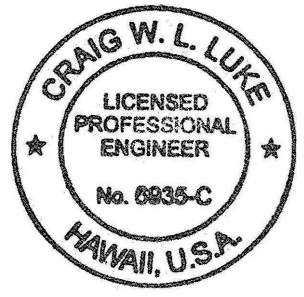
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Basin B
Grading and Fence Plan

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

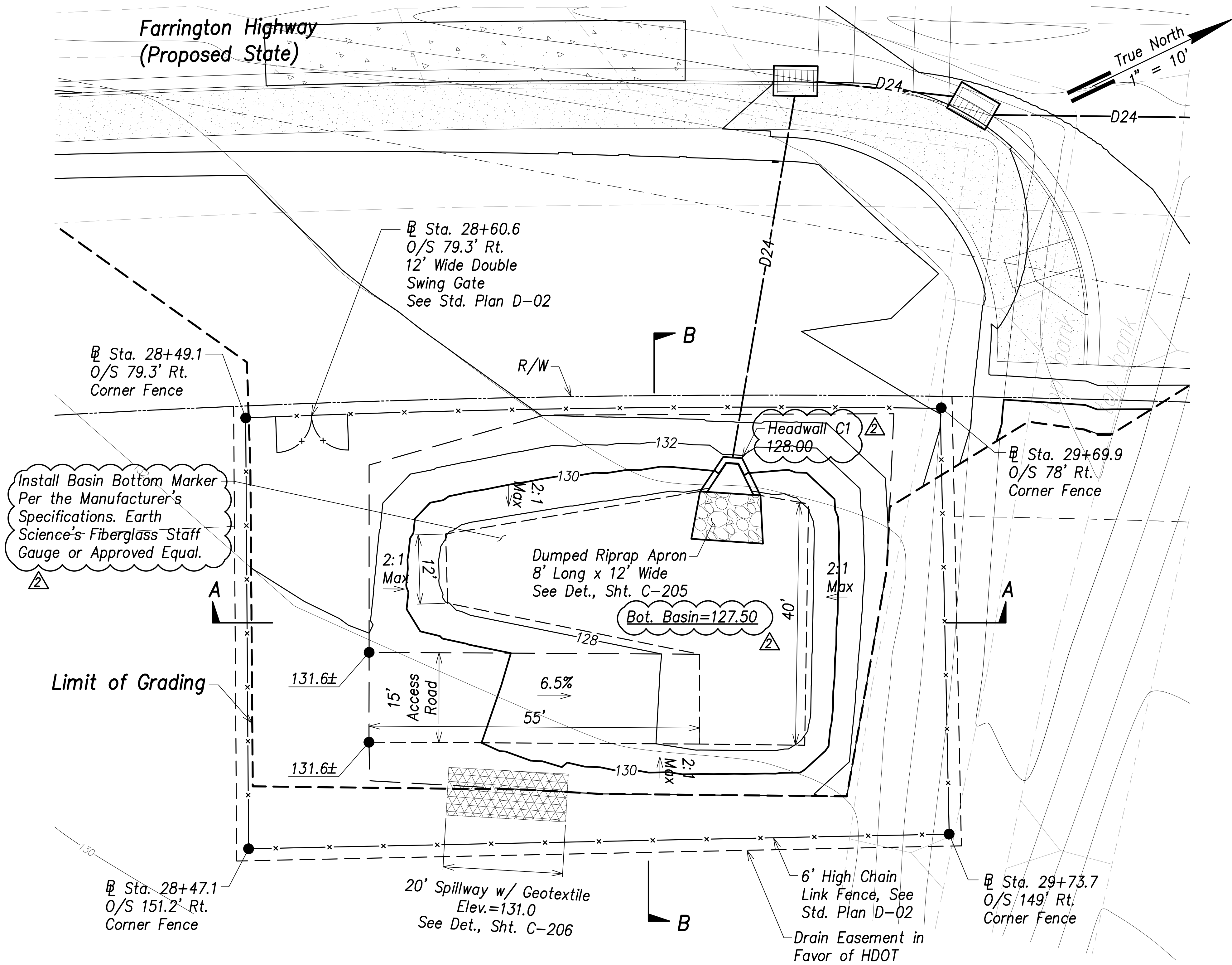
SHEET NO. C-105 OF 767 SHEETS



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Signature: [Signature]
April 30, 2022
EXPIRATION DATE OF THE LICENSE

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	107	767



Legend:

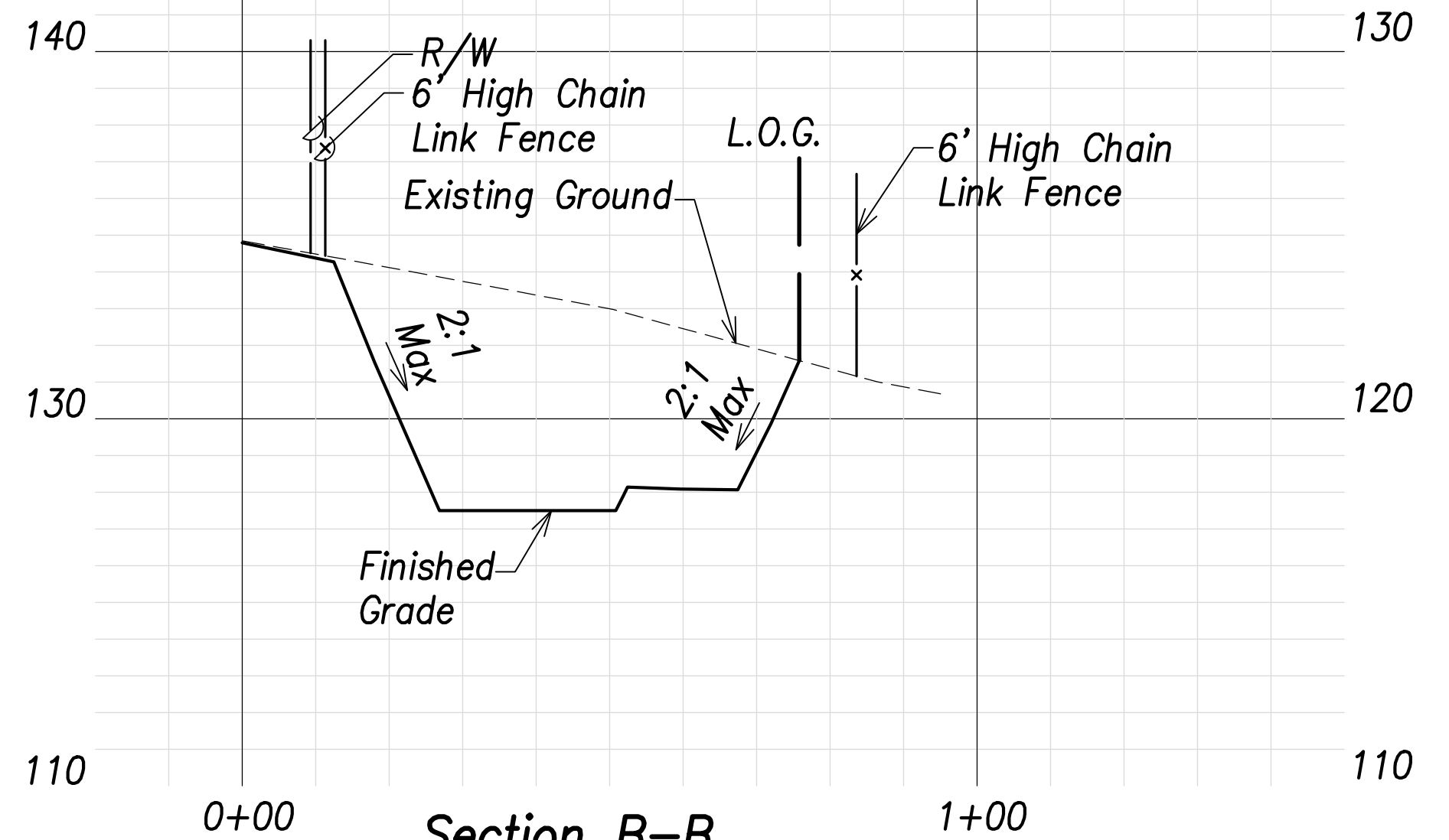
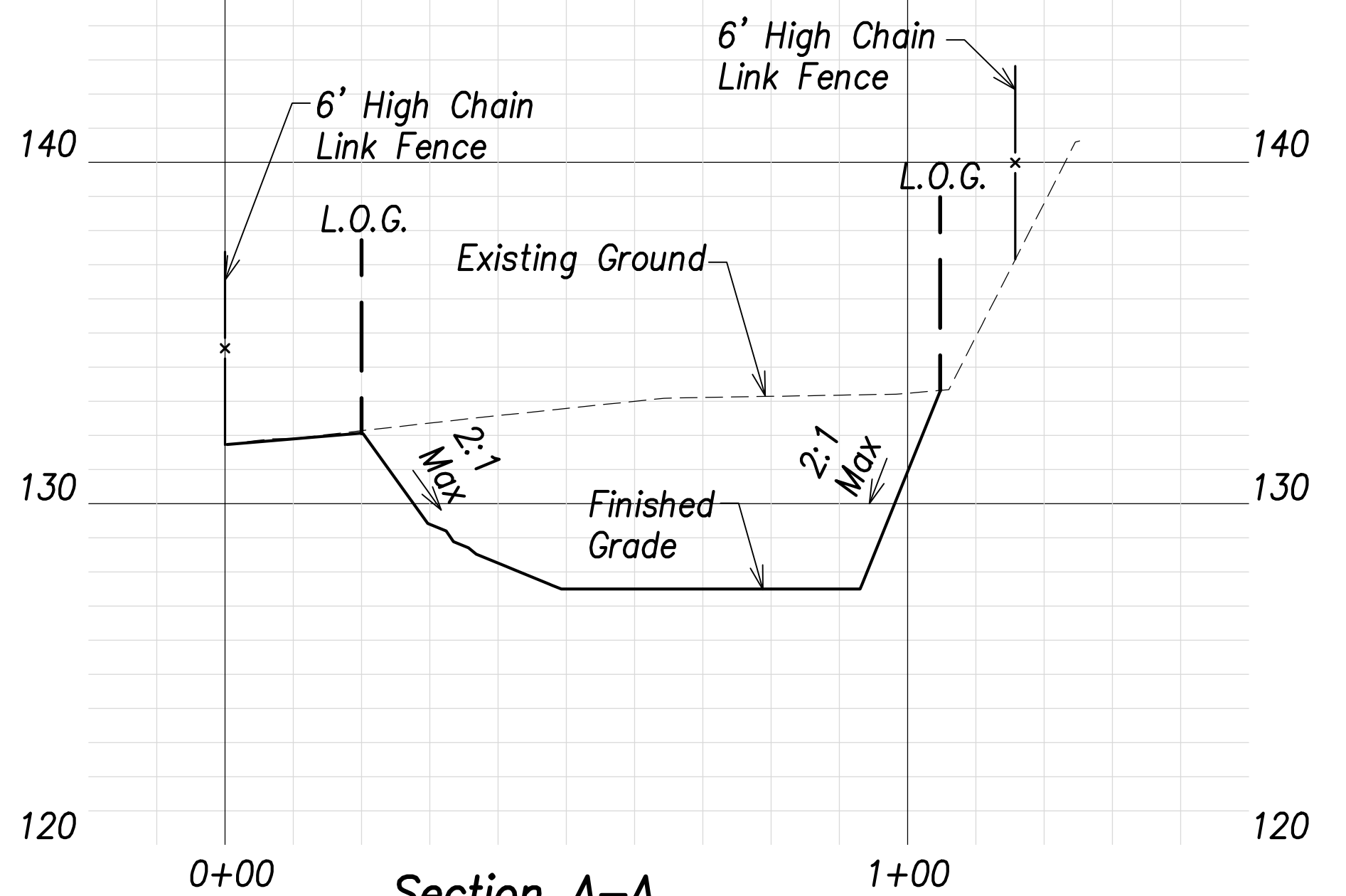
- 70 --- Existing Grade Contour
- 100 --- Finished Grade Contour
- Limit of Grading

Basin C Grading and Fence Plan

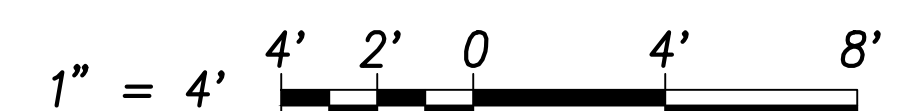
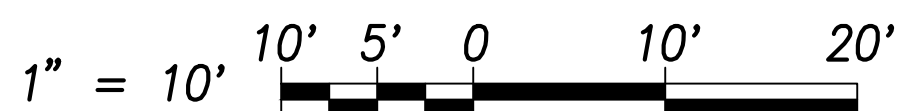
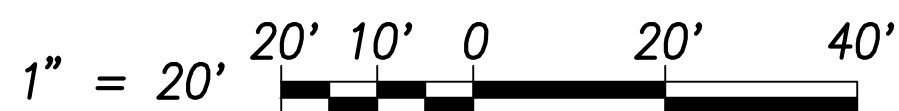
Scale: 1" = 10'

Basin C Summary

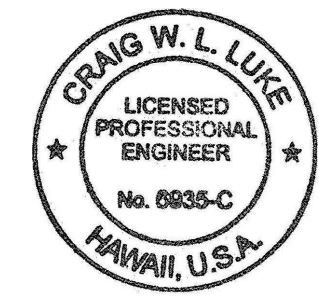
Capacity = 357 CY
Volume Req'd. (5 Yr., 24 Hr.) = 271 CY



Graphic Scales:



Scale in Feet



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE: [Signature] EXPIRATION DATE OF THE LICENSE: April 30, 2022

06/08/22	Added basin marker; Revised inverts and basin summary
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

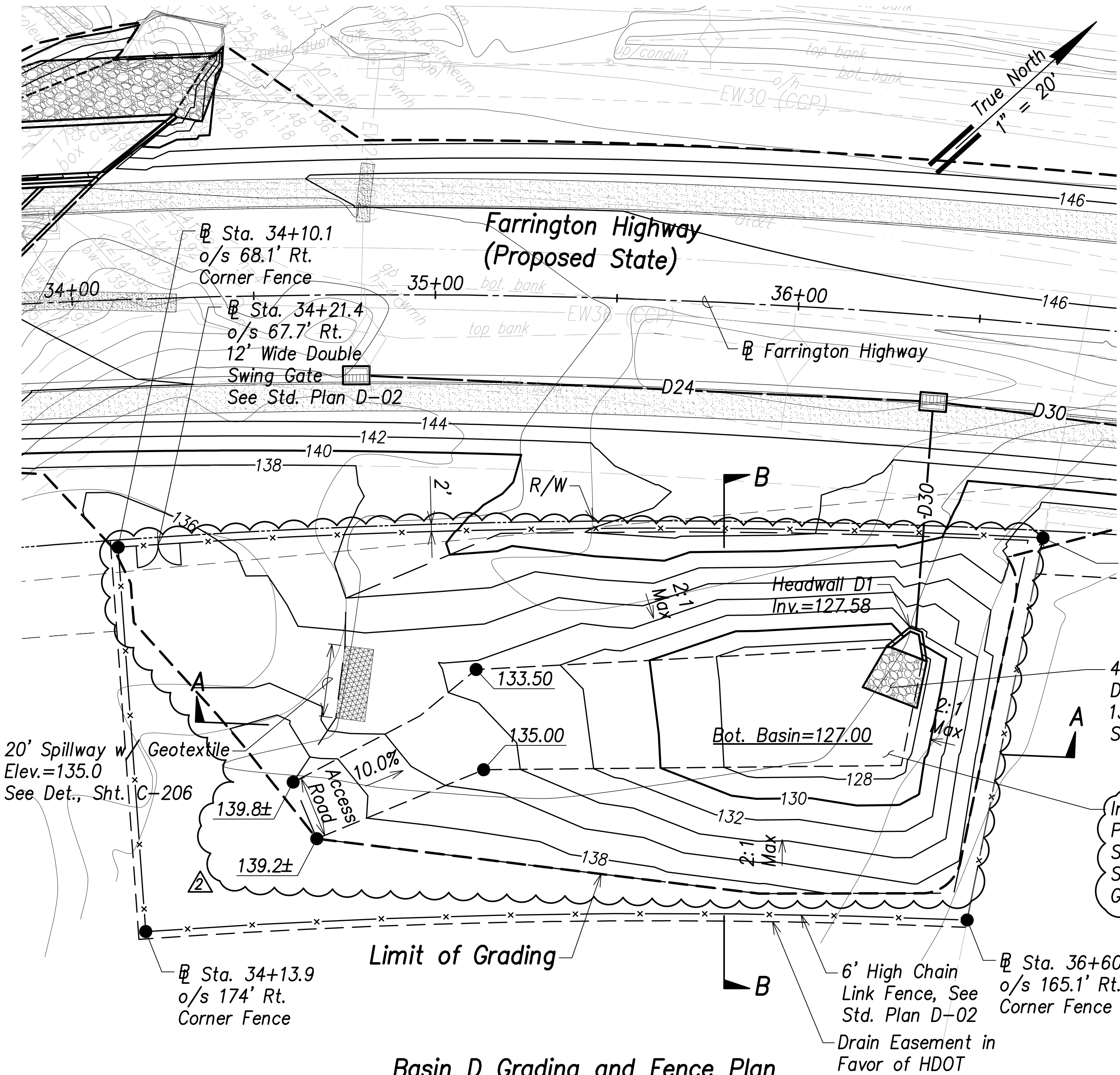
Basin C
Grading and Fence Plan

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

SHEET NO. C-106 OF 767 SHEETS

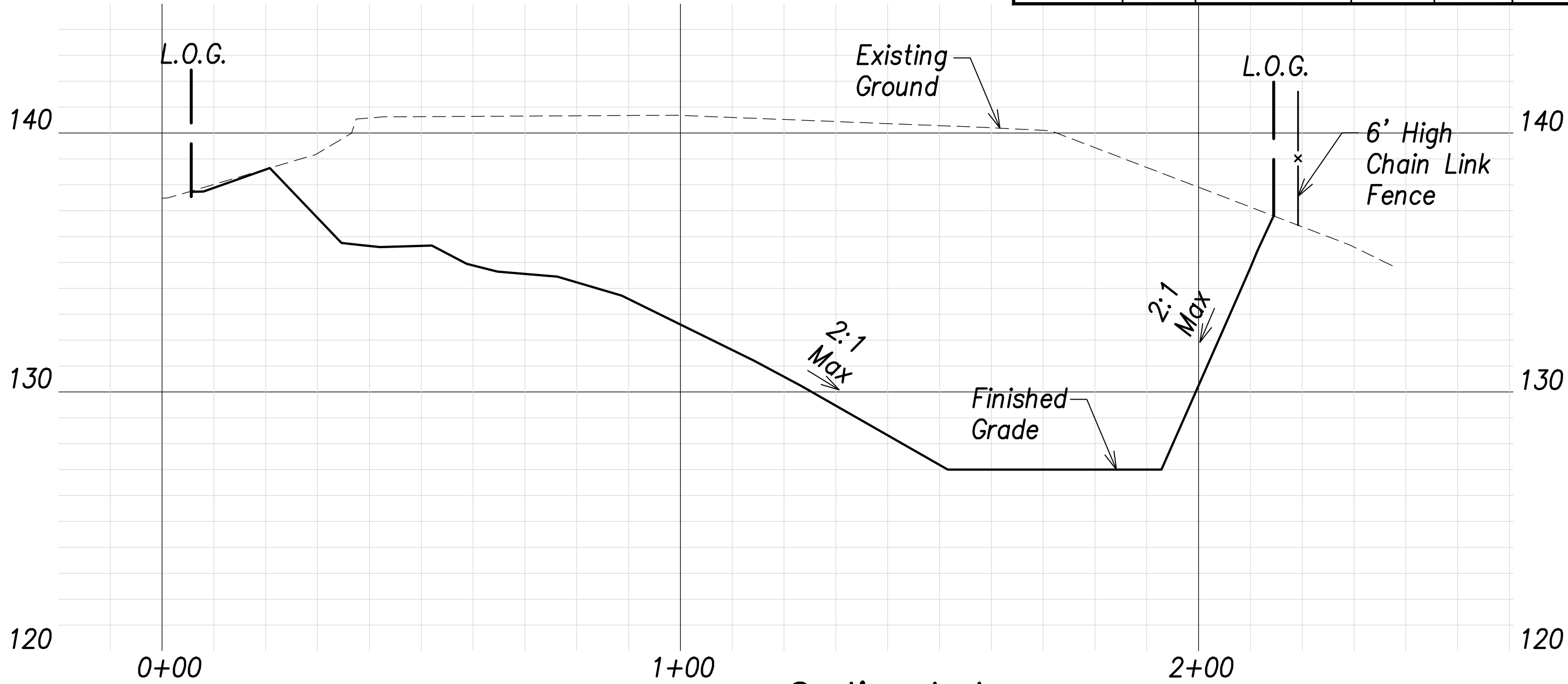
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	108	767



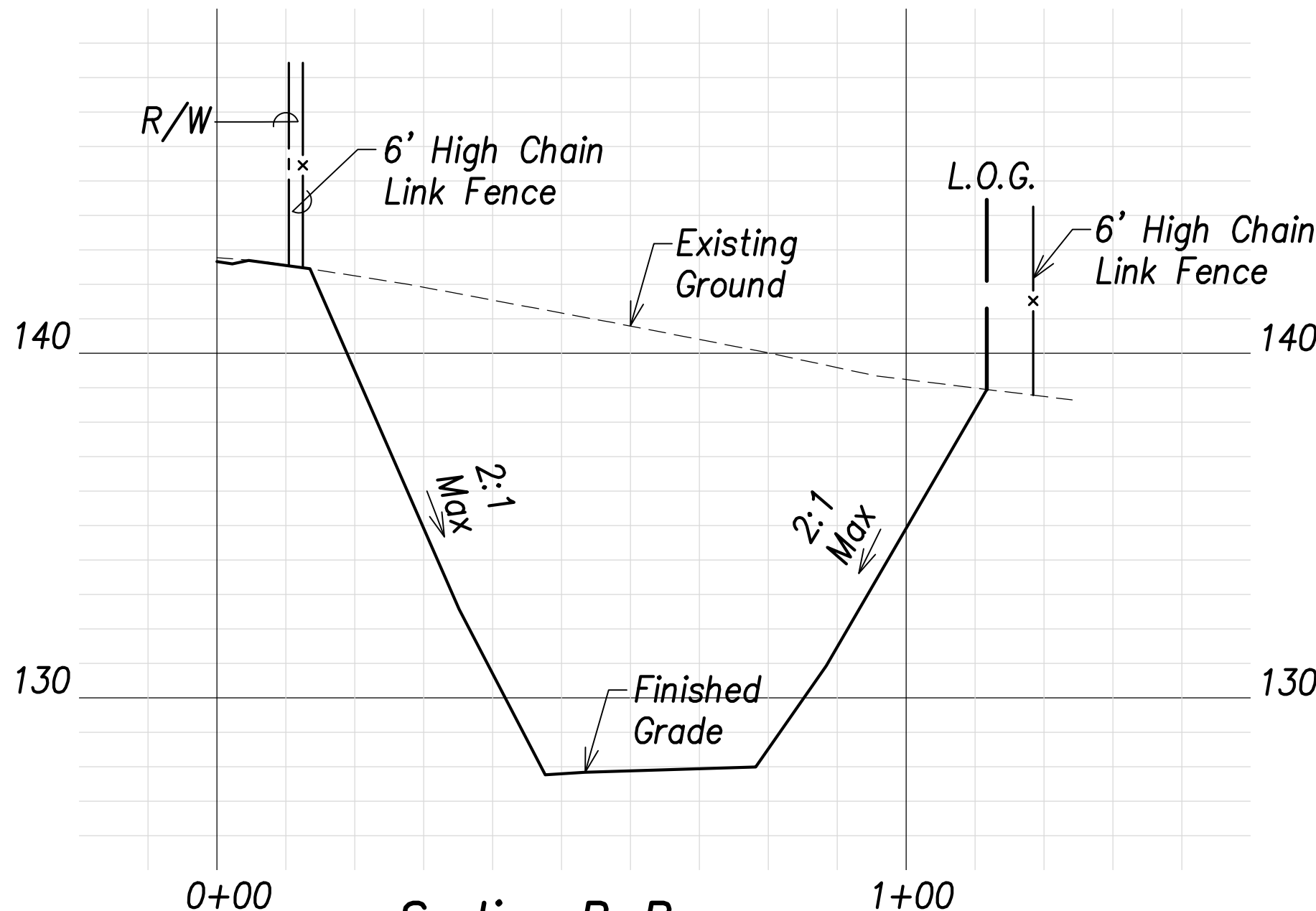
Basin D Grading and Fence Plan
Scale: 1" = 20'

- Legend:**
- 70 --- Existing Grade Contour
 - 100 --- Finished Grade Contour
 - Limit of Grading

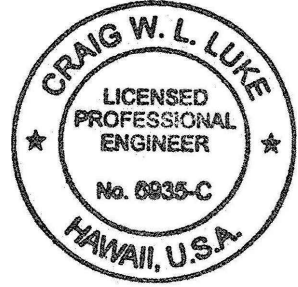
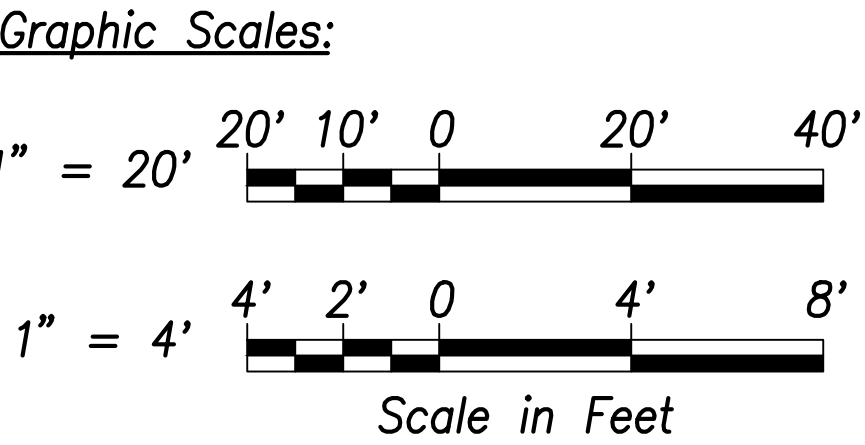
Basin D Summary
Capacity = 1,351 CY
Volume Req'd. (5 Yr., 24 Hr.) = 849 CY



Section A-A
Scales: Hor.: 1" = 20'
Vert.: 1" = 4'



Section B-B
Scales: Hor.: 1" = 20'
Vert.: 1" = 4'

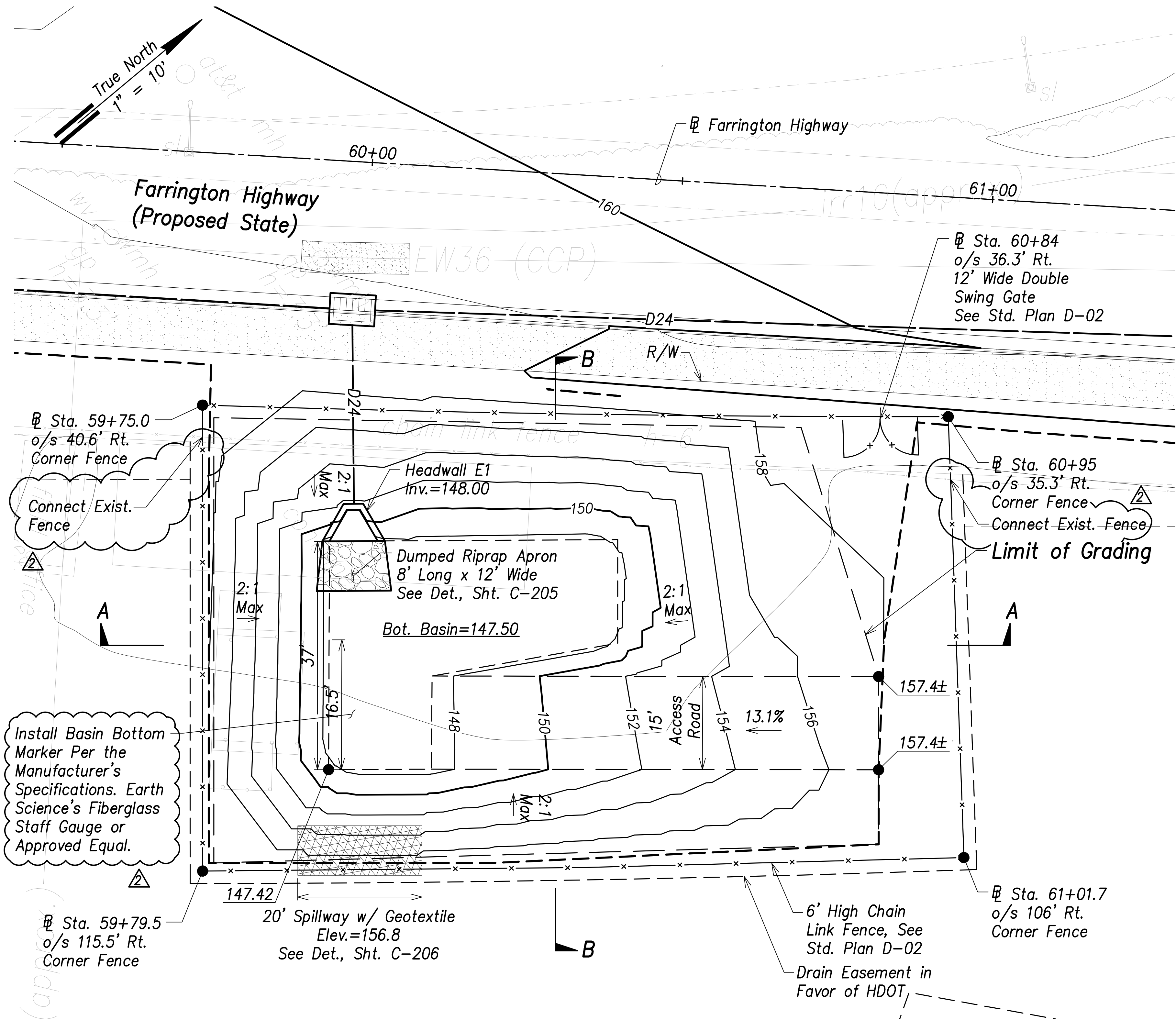


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Signature: [Signature]
Date: April 30, 2022
Expiration Date of the License:

06/08/22	Added basin marker; Revised basin grading
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
Basin D Grading and Fence Plan	
FARRINGTON HIGHWAY WIDENING Kapolei Golf Course Road to Fort Weaver Road Project No. 7101A-01-20	
Scale: As Shown	Date: April 2022
SHEET No. C-107 OF 767 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	109	767



Legend:

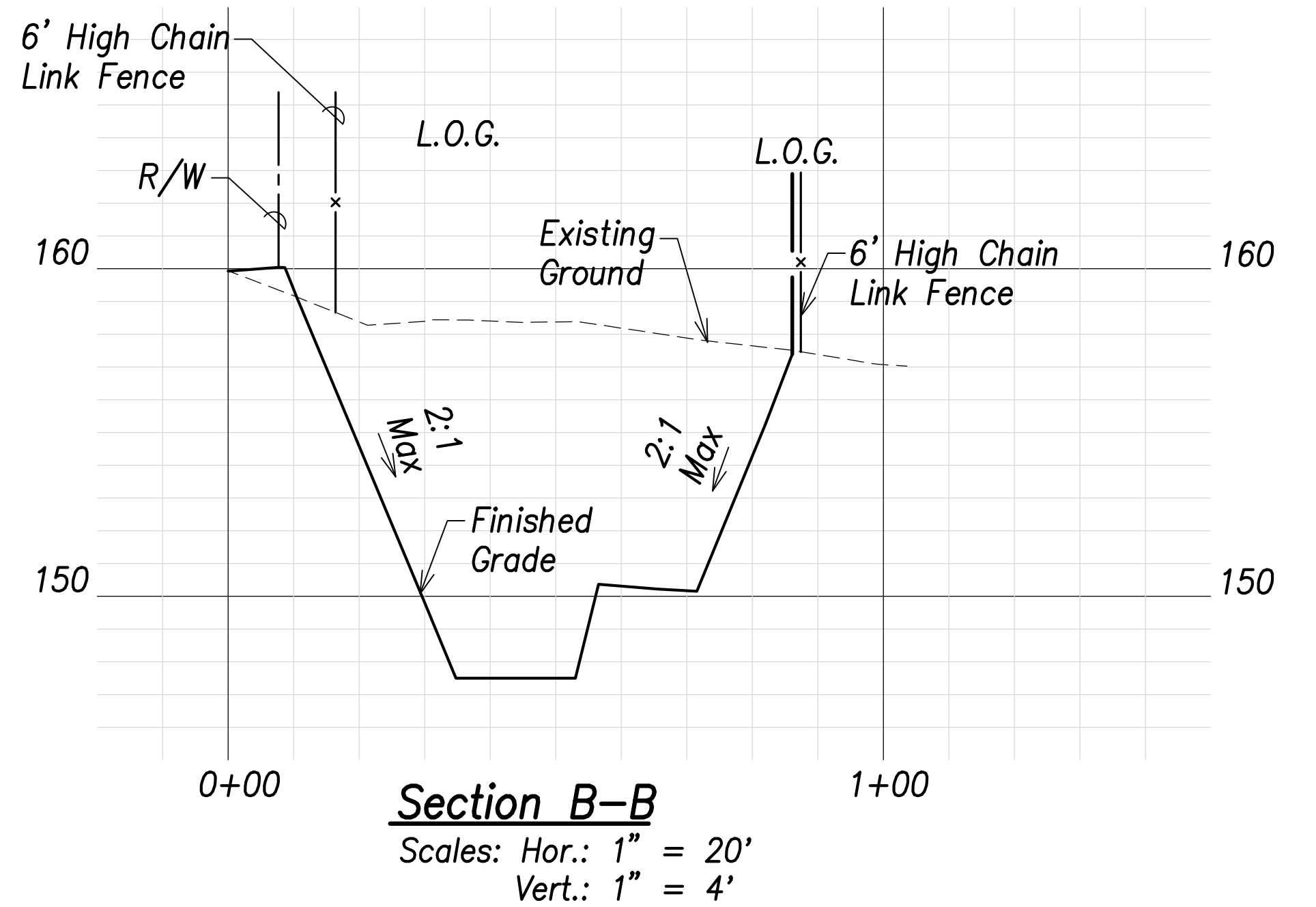
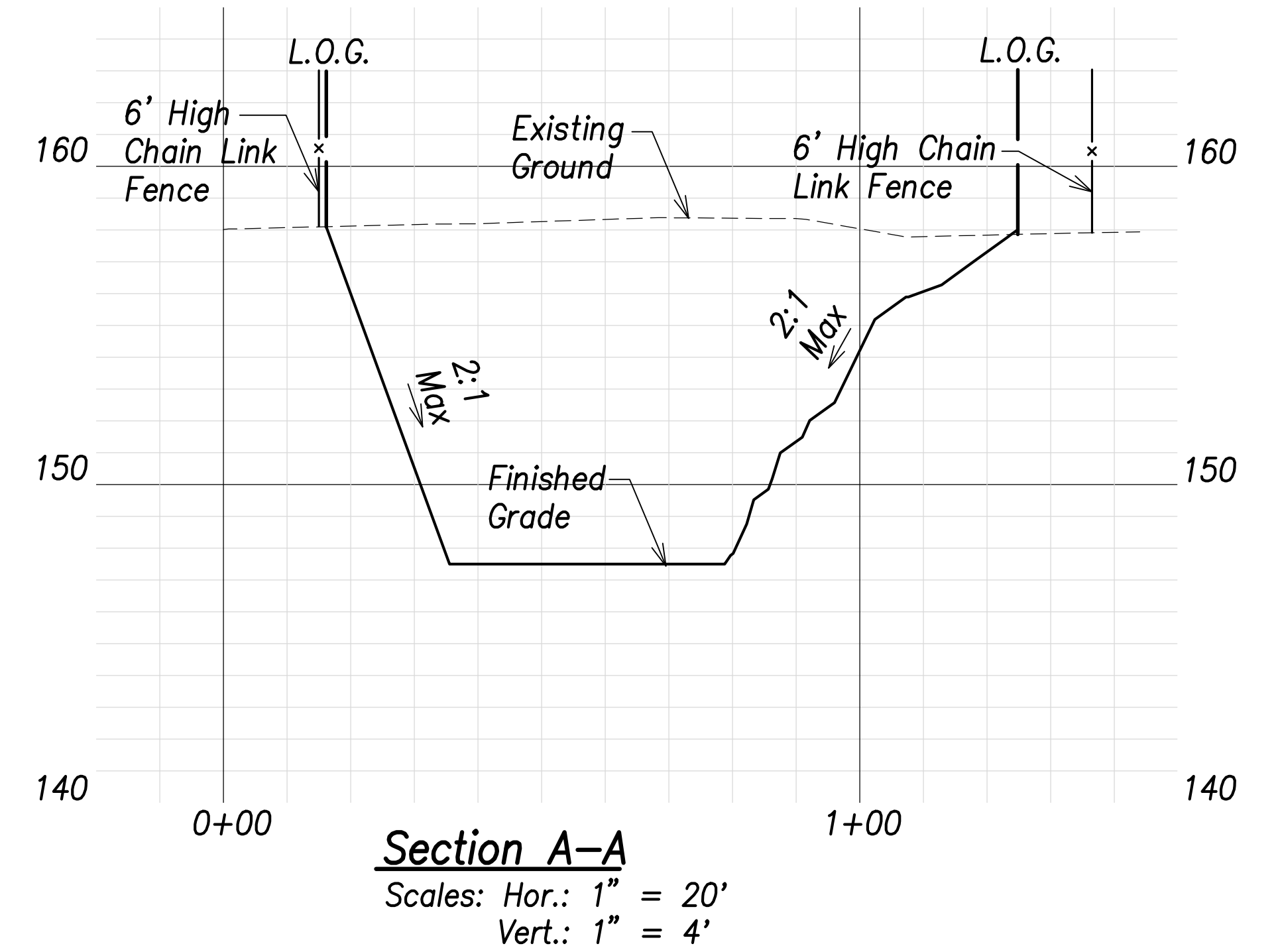
- 70 --- Existing Grade Contour
- 100 --- Finished Grade Contour
- Limit of Grading

Basin E Grading and Fence Plan

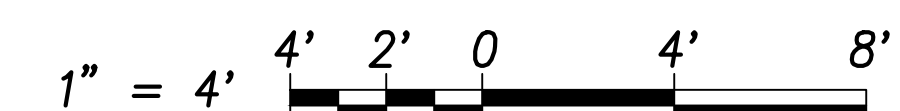
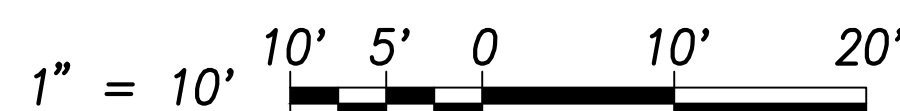
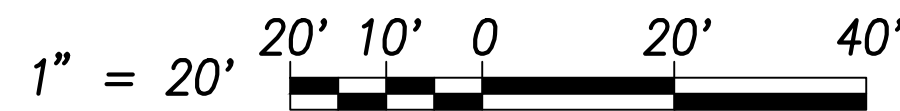
Scale: 1" = 10'

Basin E Summary

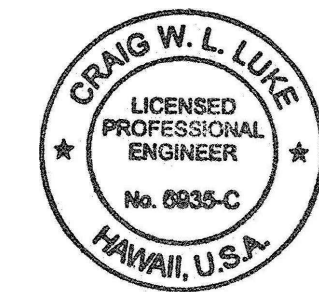
Capacity = 614 CY
Volume Req'd. (5 Yr., 24 Hr.) = 369 CY



Graphic Scales:



Scale in Feet

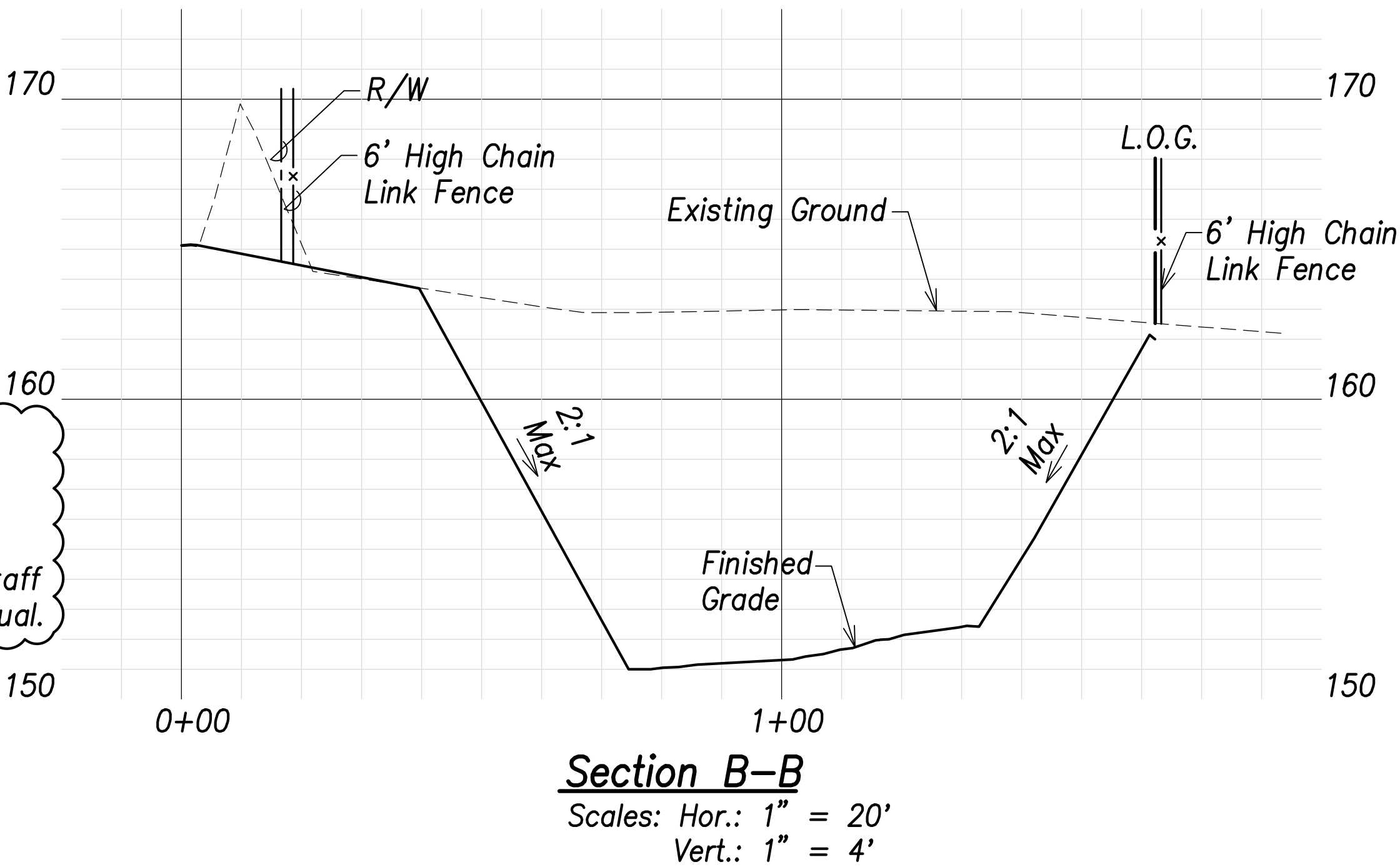
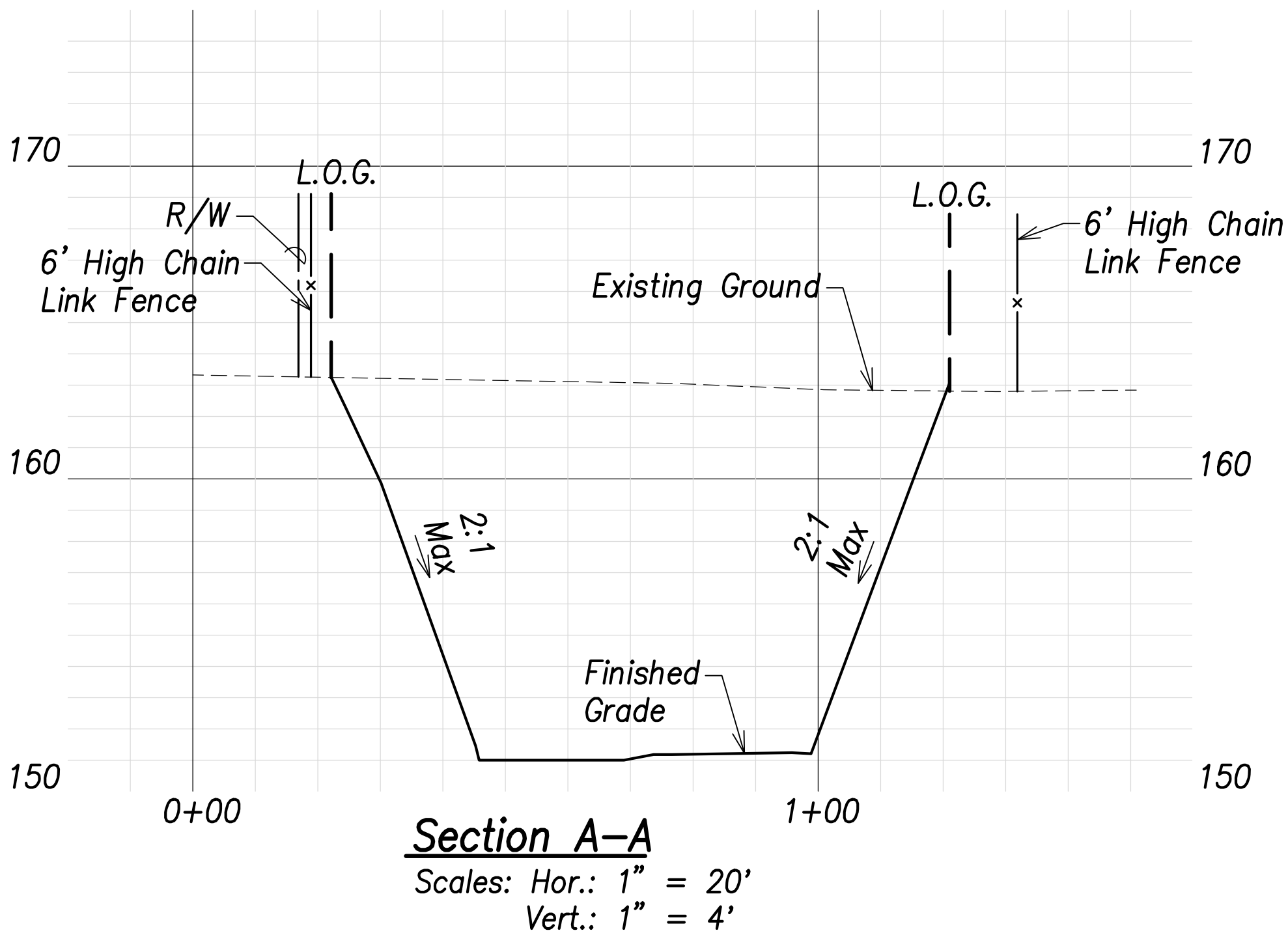
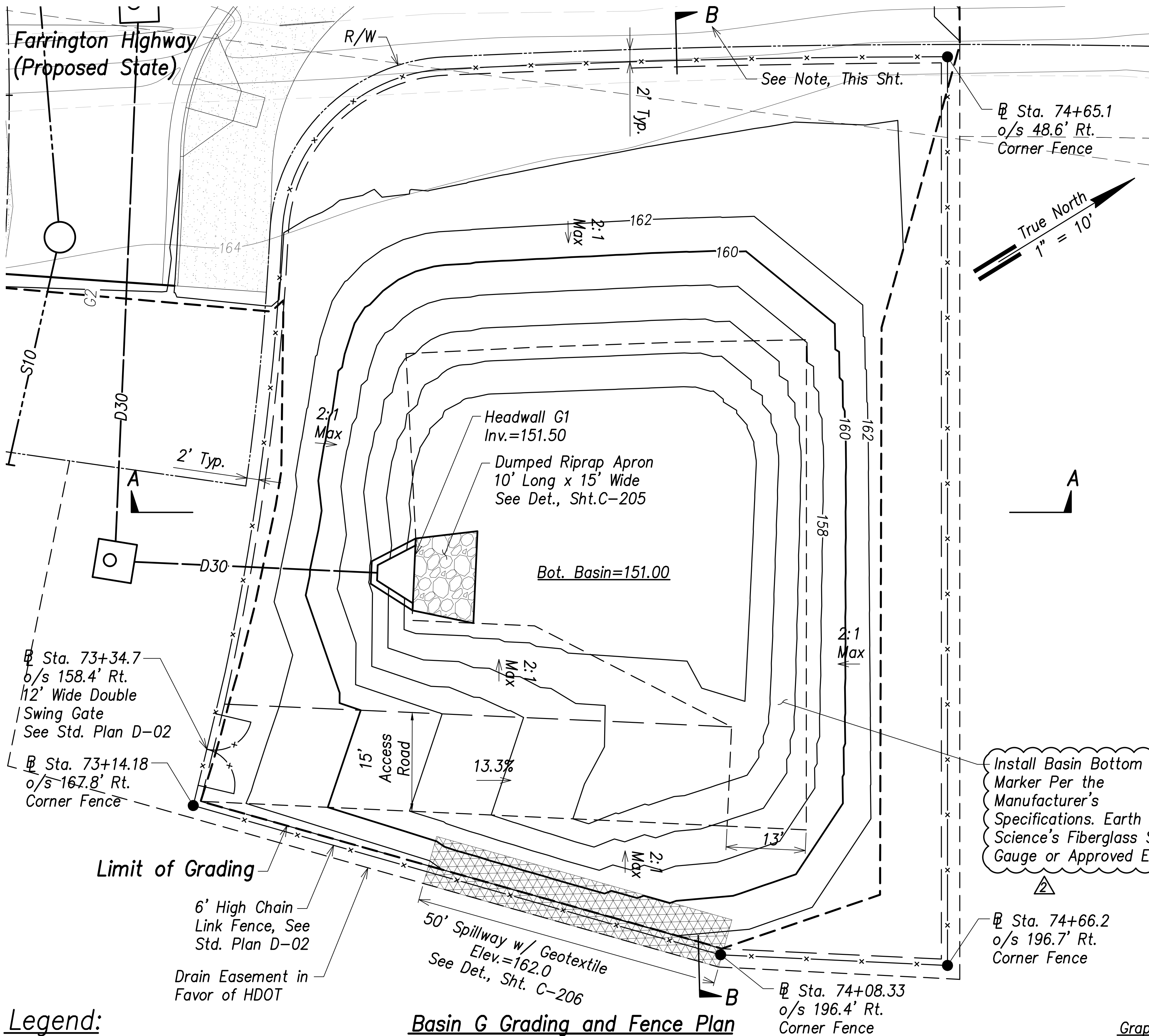


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Signature: [Signature]
April 30, 2022
EXPIRATION DATE OF THE LICENSE

06/08/22	Added basin marker; Revised summary Added fencing callouts
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
Basin E Grading and Fence Plan	
FARRINGTON HIGHWAY WIDENING Kapolei Golf Course Road to Fort Weaver Road Project No. 7101A-01-20	
Scale: As Shown	Date: April 2022
SHEET NO. C-108 OF 767 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	111	767



Legend:

- Existing Grade Contour
- Finished Grade Contour
- Limit of Grading

Basin G Grading and Fence Plan

Scale: 1" = 10'

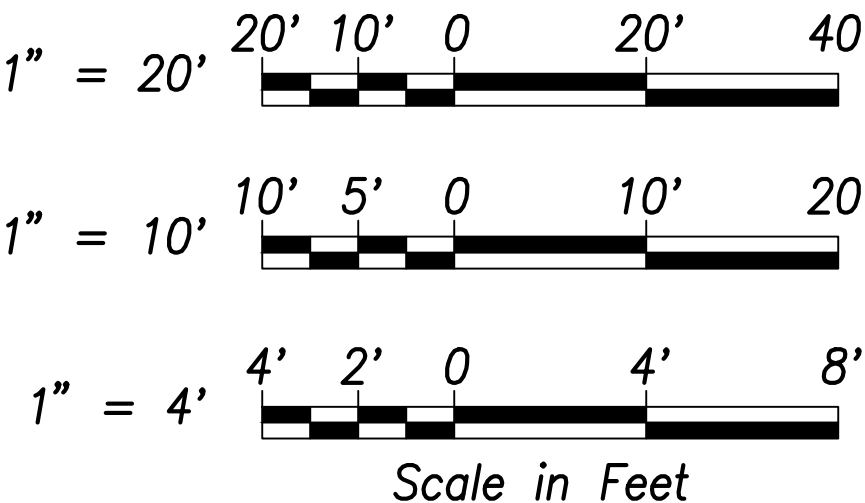
Basin G Summary

Capacity = 2,396 CY
Volume Req'd. (5 Yr., 24 Hr.) = 733 CY

Note:

Future HECO Electrical System, Construction Will Occur at the Same as this Project (Farrington Highway Improvements). The Contractor Shall Fully Coordinate Work with HECO and their Contractor. The Cost to Coordinate Work Will be Considered Incidental to the Various Items of Work.

Graphic Scales:



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
Signature: [Signature]
April 30, 2022
EXPIRATION DATE OF THE LICENSE

06/08/22	Added basin marker, revised summary
DATE	REVISION

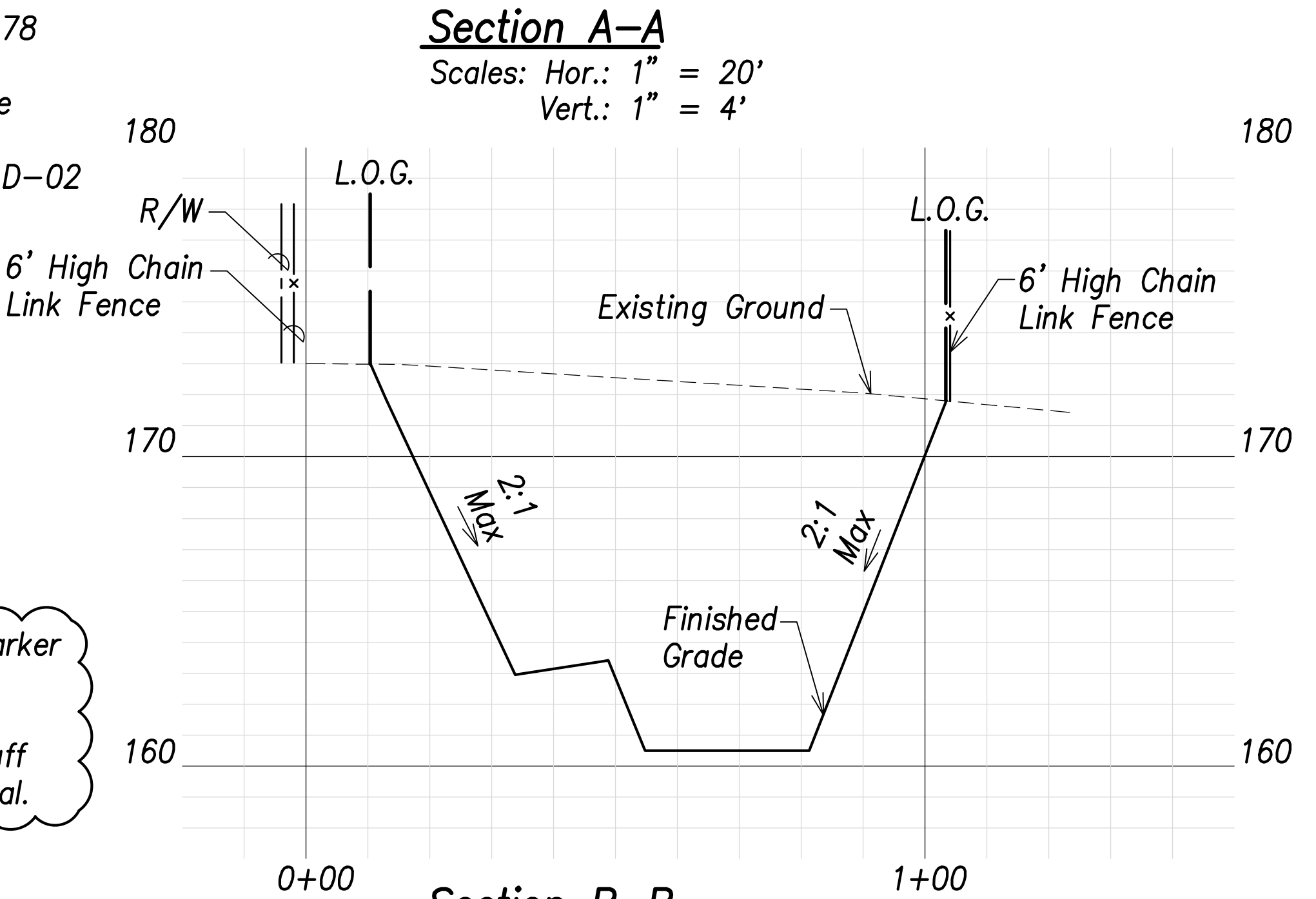
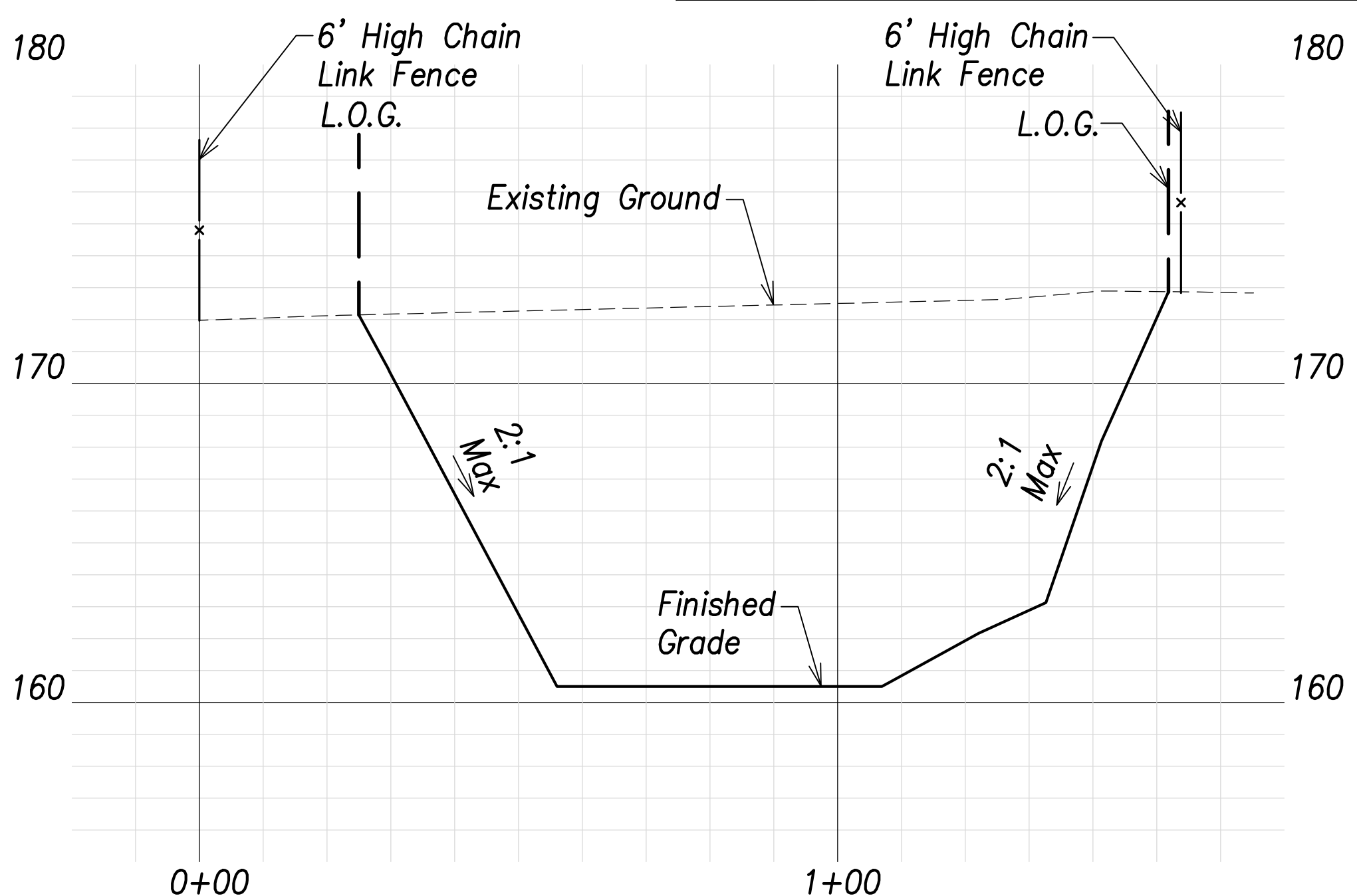
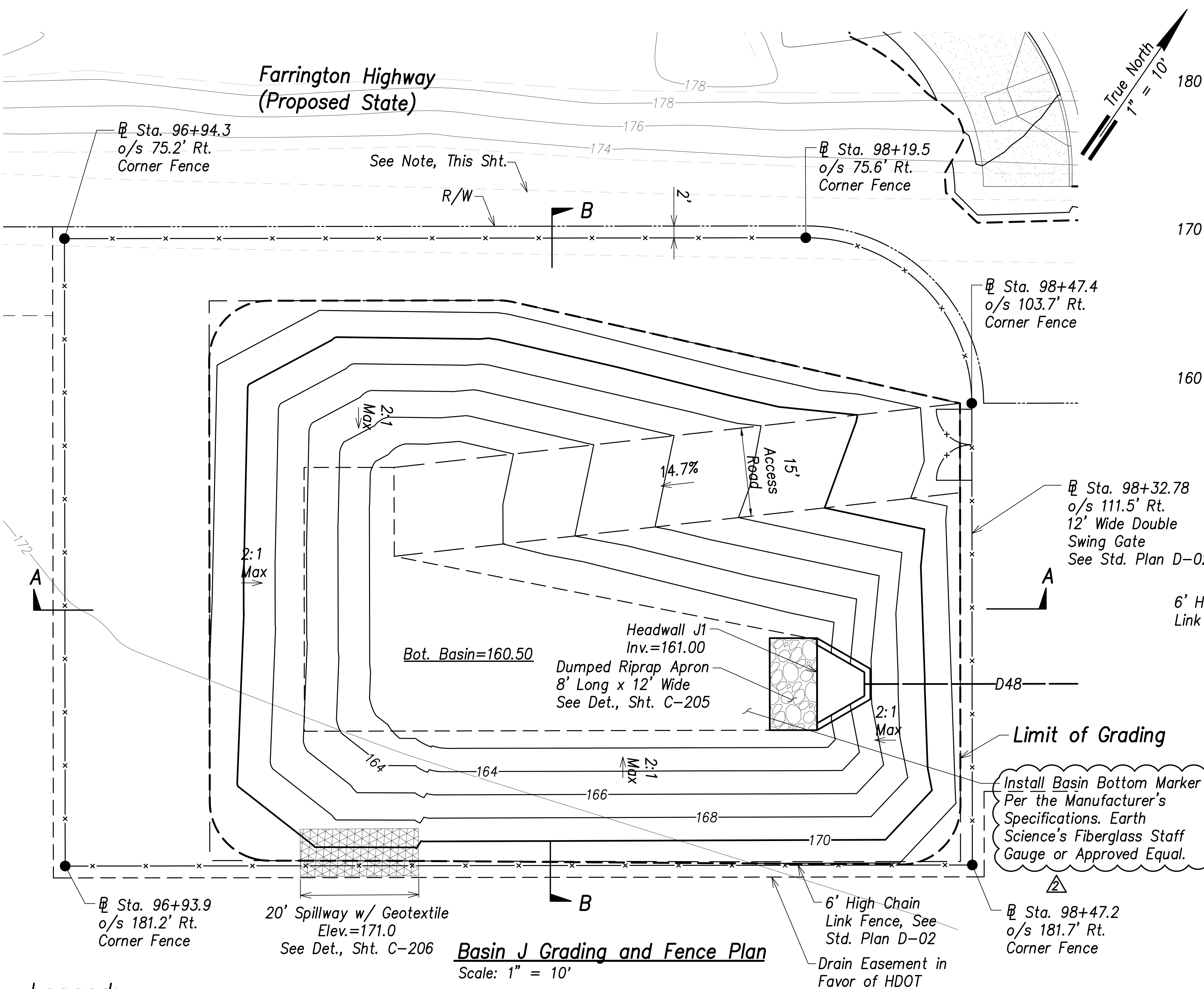
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Basin G
Grading and Fence Plan
FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown
Date: April 2022

SHEET NO. C-110 OF 767 SHEETS

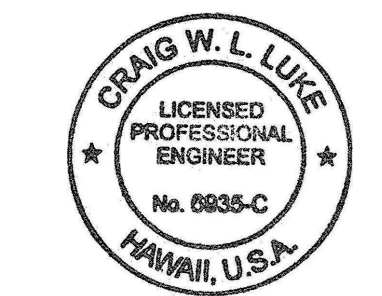
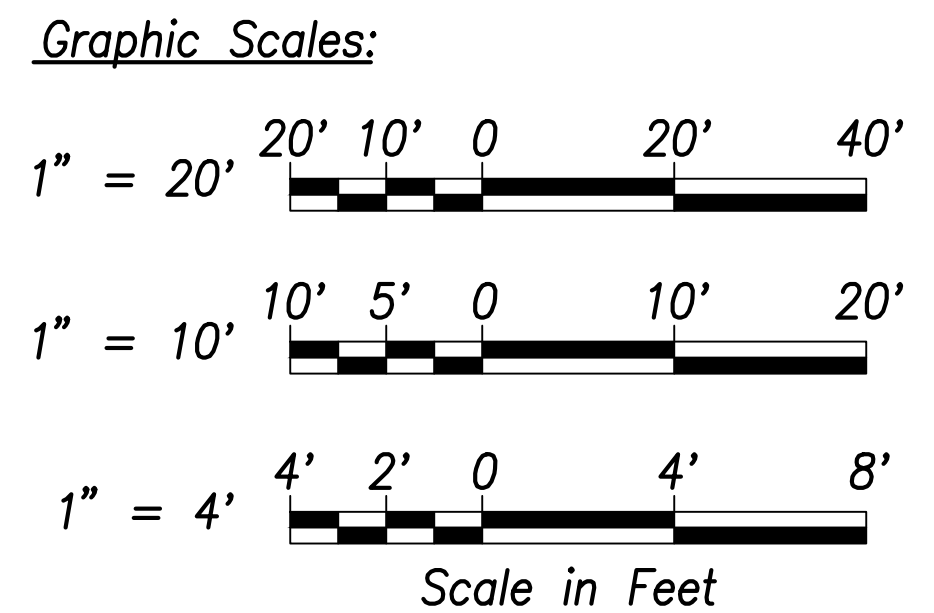
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	113	767



- Legend:**
- 70 --- Existing Grade Contour
 - 100 --- Finished Grade Contour
 - Limit of Grading

Basin J Summary
Capacity = 2044 CY
Volume Req'd. (5 Yr., 24 Hr.) = 181 CY

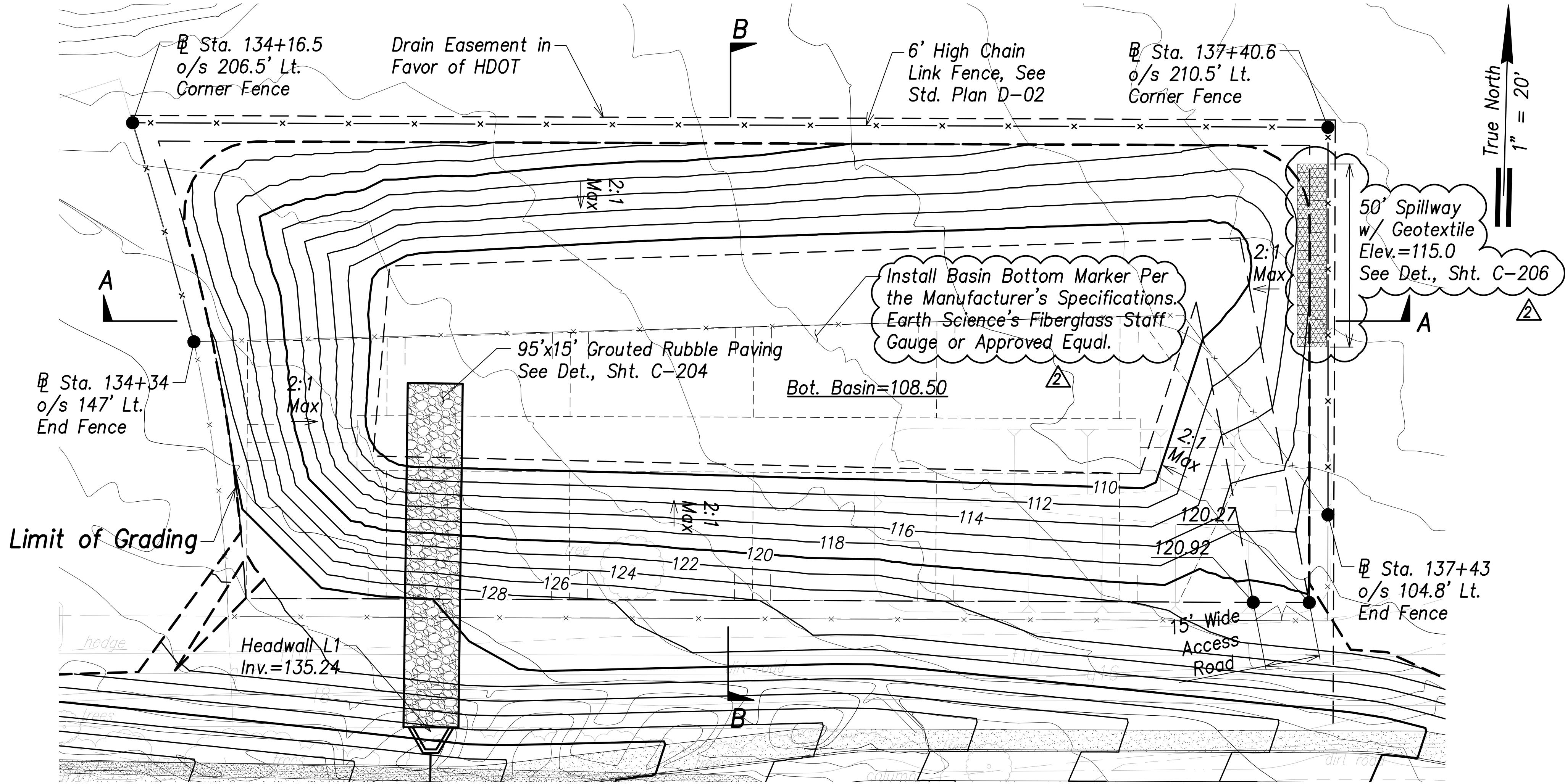
Note:
Future HECO Electrical System, Construction Will Occur at the Same as this Project (Farrington Highway Improvements). The Contractor Shall Fully Coordinate Work with HECO and their Contractor. The Cost to Coordinate Work Will be Considered Incidental to the Various Items of Work.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
Signature: [Signature]
April 30, 2022
EXPIRATION DATE OF THE LICENSE

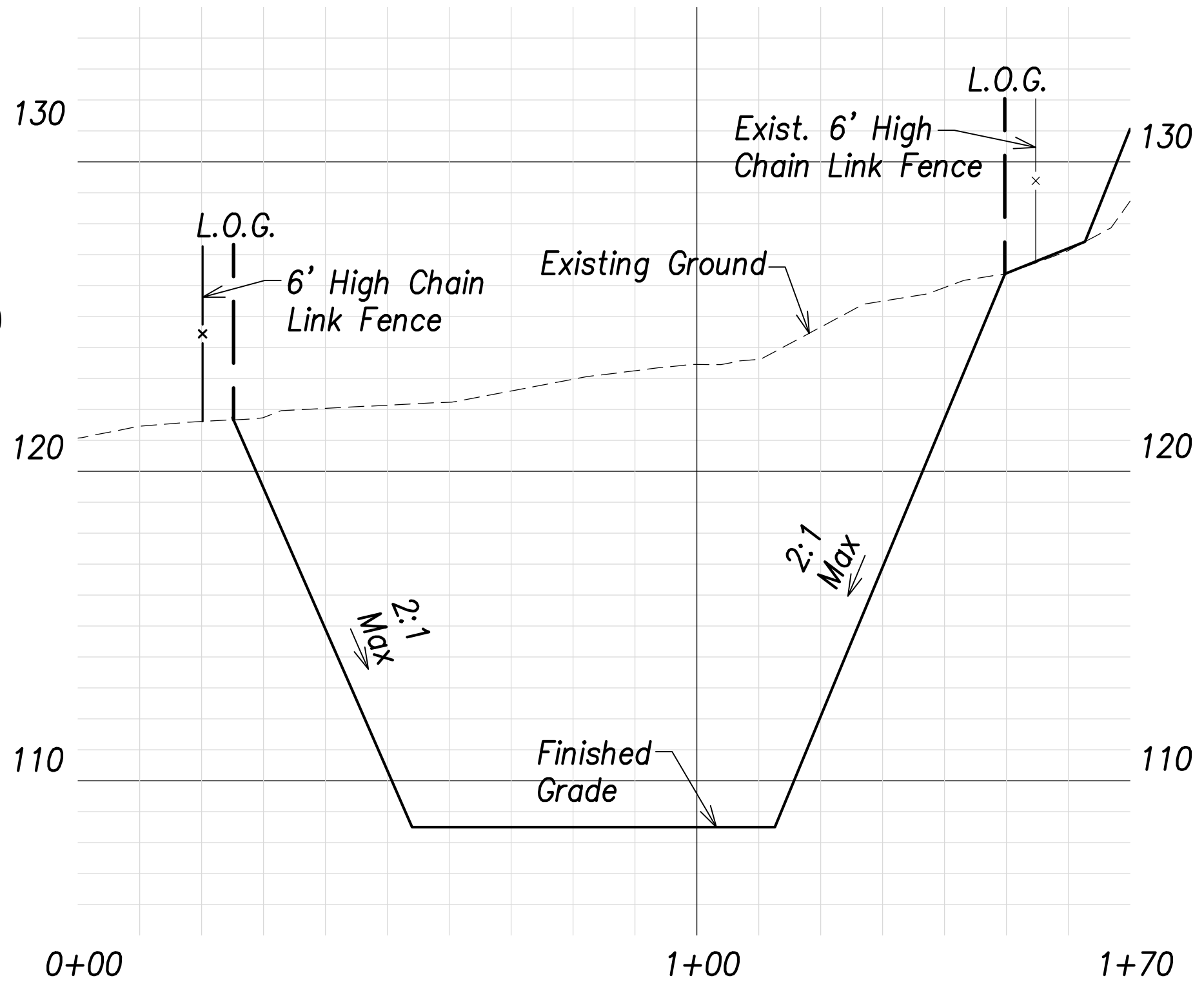
06/08/22	Added basin marker, revised summary
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
Basin J Grading and Fence Plan	
FARRINGTON HIGHWAY WIDENING Kapolei Golf Course Road to Fort Weaver Road Project No. 7101A-01-20	
Scale: As Shown	Date: April 2022
SHEET NO. C-112 OF 767 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	114	767



Basin L Grading and Fence Plan

Scale: 1" = 20'



Section B-B

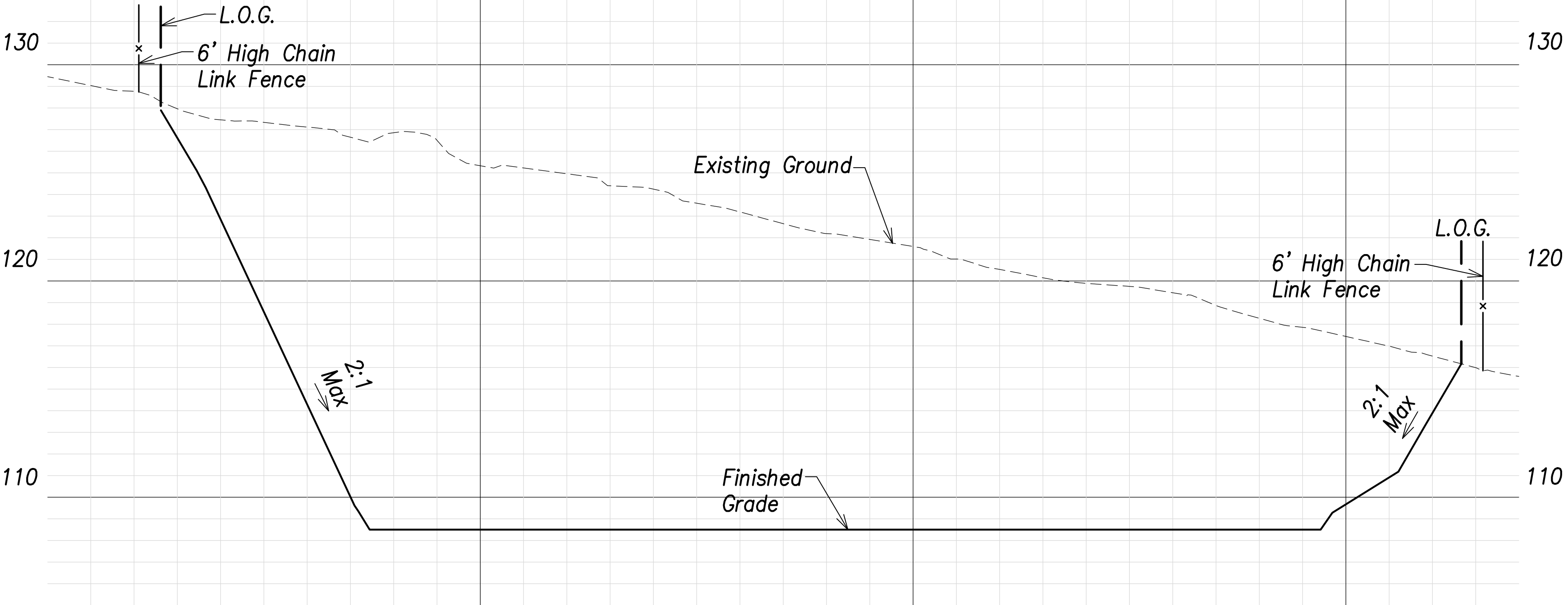
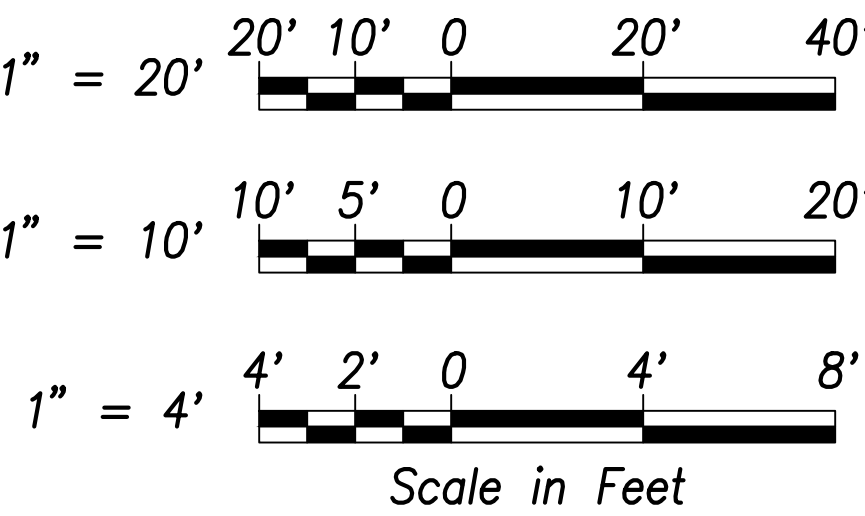
Scales: Hor.: 1" = 20'
Vert.: 1" = 4'

Basin L Summary
Capacity = 4,250 CY
Volume Req'd. (50 Yr., 24 Hr.) = 1,112 CY

Legend:

- Existing Grade Contour
- Finished Grade Contour
- Limit of Grading

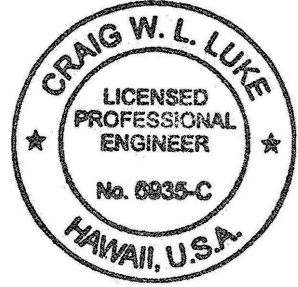
Graphic Scales:



Section A-A

Scales: Hor.: 1" = 20'
Vert.: 1" = 4'

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



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Signature: [Signature]
April 30, 2022
EXPIRATION DATE OF THE LICENSE

06/08/22	Added basin marker, revised summary
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

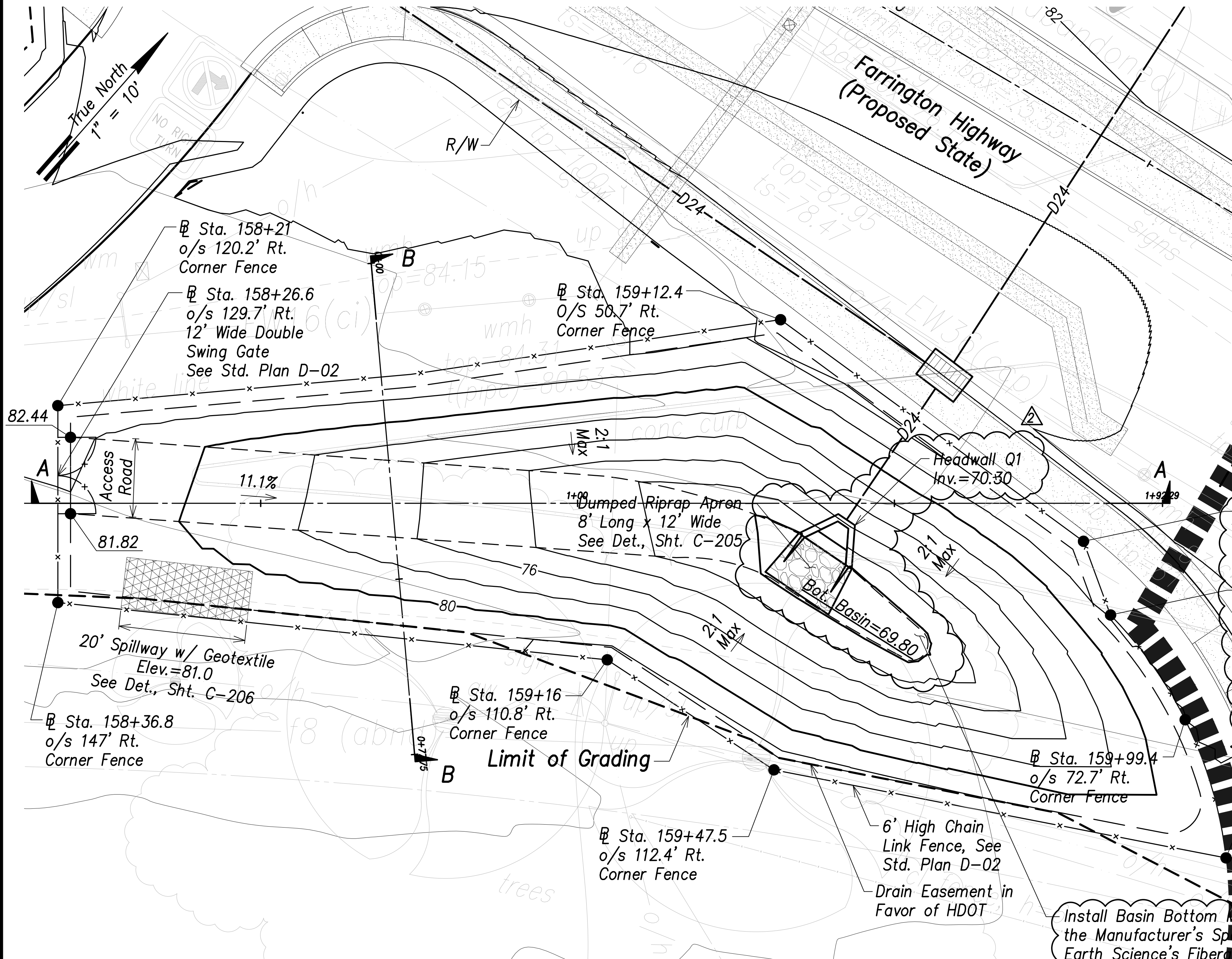
Basin L
Grading and Fence Plan

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

SHEET NO. C-113 OF 767 SHEETS

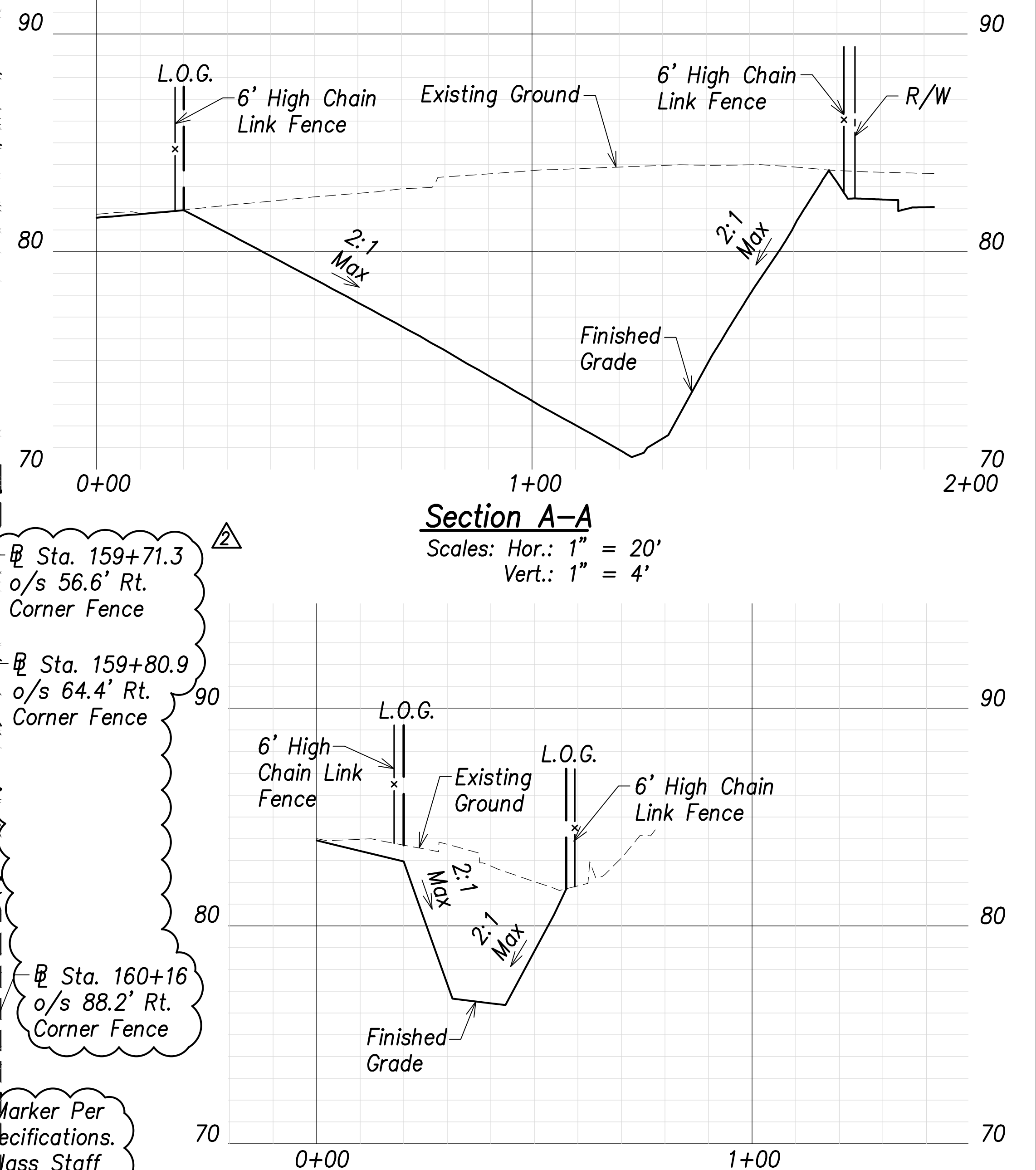
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-20	2021	115	767



Basin Q Grading and Fence Plan
Scale: 1" = 10'

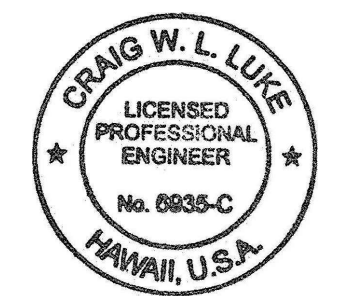
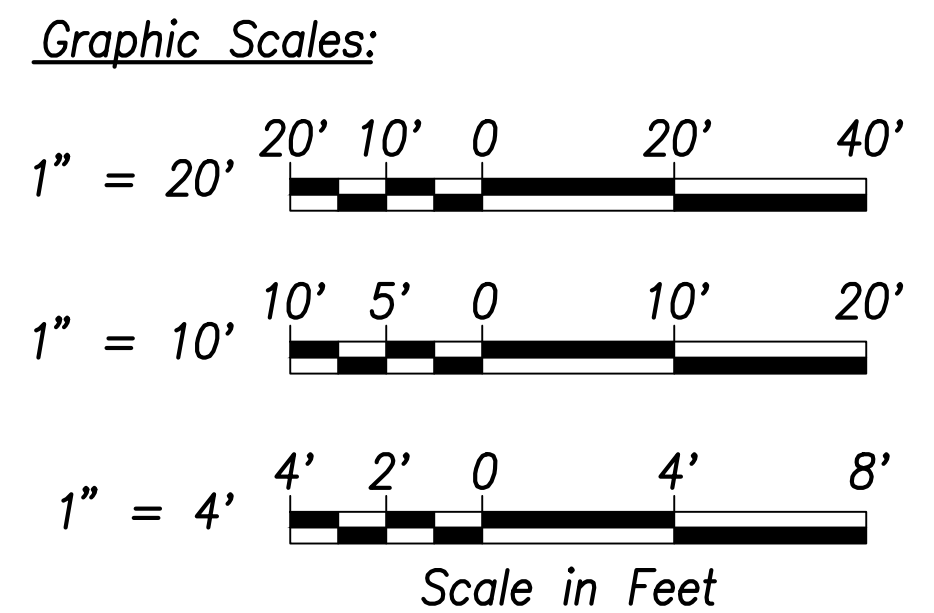
- Legend:**
- 70 --- Existing Grade Contour
 - 100 --- Finished Grade Contour
 - Limit of Grading

Basin Q Summary
Capacity = 976 CY
Volume Req'd. (50 Yr., 24 Hr.) = 157 CY



Section A-A
Scales: Hor.: 1" = 20'
Vert.: 1" = 4'

Section B-B
Scales: Hor.: 1" = 20'
Vert.: 1" = 4'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

Signature: *Craig W. L. Luke*
April 30, 2022
EXPIRATION DATE OF THE LICENSE

06/08/22	Added basin marker, revised grading
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Basin Q
Grading and Fence Plan

FARRINGTON HIGHWAY WIDENING
Kapolei Golf Course Road to Fort Weaver Road
Project No. 7101A-01-20

Scale: As Shown Date: April 2022

SHEET NO. C-114 OF 767 SHEETS