		<u>STRUCTURAL GENERAL NOTES</u>
	1.	<u>GENERAL SPECIFICATIONS:</u>
		A. State of Hawaii Department of Transportation Hav Specifications Road and Bridge Construction 2005 Special Provisions prepared for this contract.
	2.	<u>GENERAL:</u>
		A. The contract documents are complementary. Any re document is as binding as though occurring in all requirement prevails over any less strict requirem requirement will be the requirement that provides life, durability, strength and function.
		B. Existing conditions are shown on the drawings to designer's knowledge and are intended to aid the construction. Bridge dimensions, where shown on t based on field measurements. Existing dimensions shown may not be exact and are provided for info Contractor shall field verify all existing dimension prior to construction. All discrepancies shall be pr attention of the Engineer and shall be resolved pr with any construction work.
44 AM)		C. Drawings are based on field measurements, taken
01-09-23, 10:44 AM)		D. Bridge is posted at 8 tons.
PLOT TIME: 01-0		E. No storage of materials or heavy equipment is allo bridge.
NOTES.DWG PLOT		F. Contractor shall submit for approval construction equipment list for concrete grout filled concrete f
Z: \00 ONGOING\21-009.3-KAAIEA BR CRITICAL FINDINGS MAUI\01 CAD\01-09-23 BID\KSR-S0001 GEN NC		
WING NAME: Z: \00 C		

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n on March 15, 2022.

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n procedure and fabric bags.

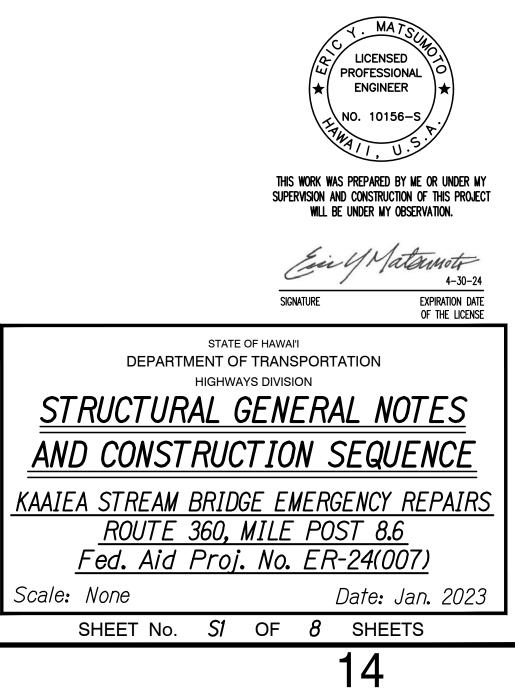
<u>CONSTRUCTION SEQUENCE</u>

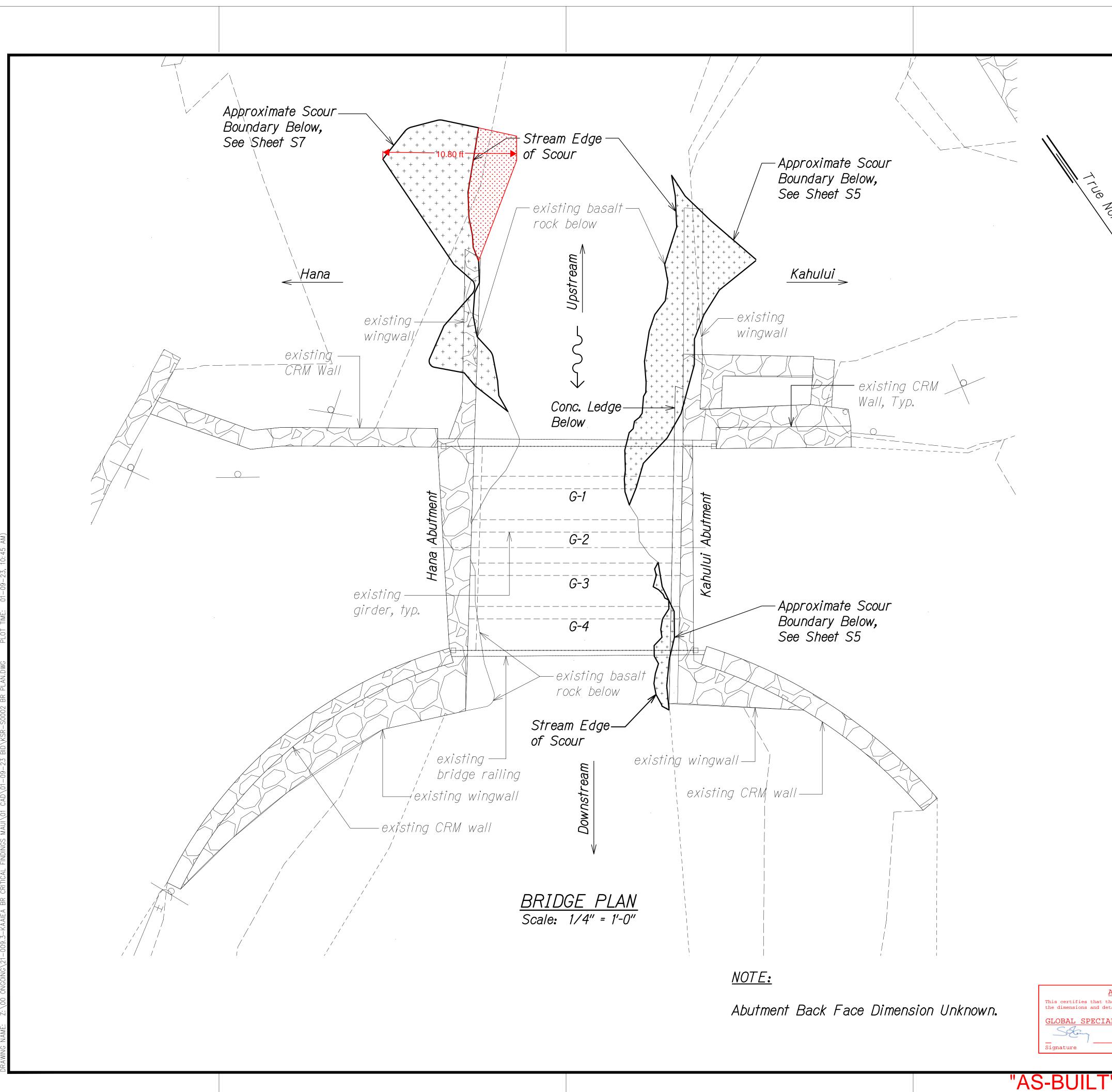
- 1. Install BMPs.
- 2. Remove all loose material, soft and otherwise unsuitable subgrade soils, sharp objects and debris from the location of work and properly dispose.
- 3. Install empty concrete fabric bags into the scour cavity.
- 4. Install required temporary formwork.
- 5. Pump concrete grout into concrete fabric bags.
- 6. Remove BMPs.

<u>CONSTRUCTION SEQUENCE NOTES</u>

- 1. Order of Construction Sequence shall not be changed unless approved by the Engineer.
- 2. Each sequence stage shall be completely finished before proceeding to the next stage unless otherwise noted. The Engineer will be the sole judge of whether the sequence stage is complete, and may direct the Contractor to stop work on a sequence stage to complete work on the preceding sequence stage.

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(007)	2023	14	21





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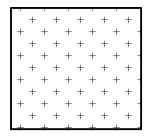
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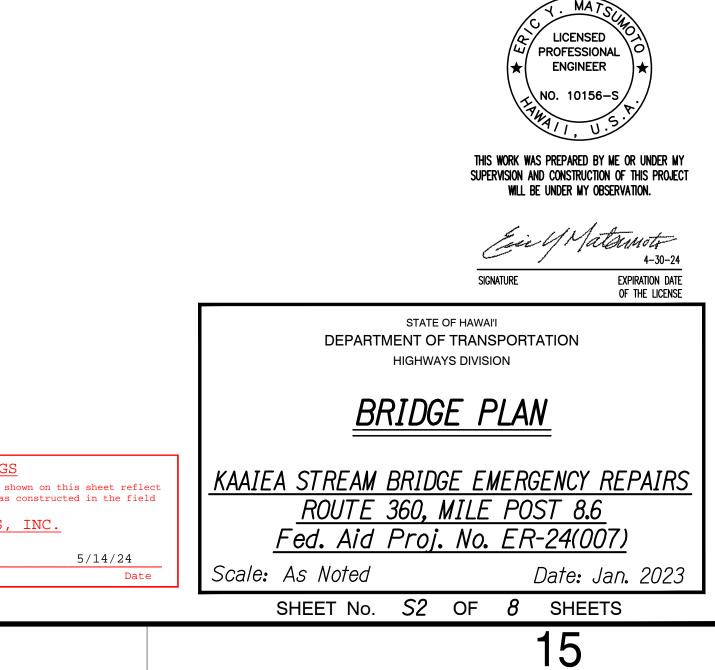
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(007)	2023	15	21

LEGEND:

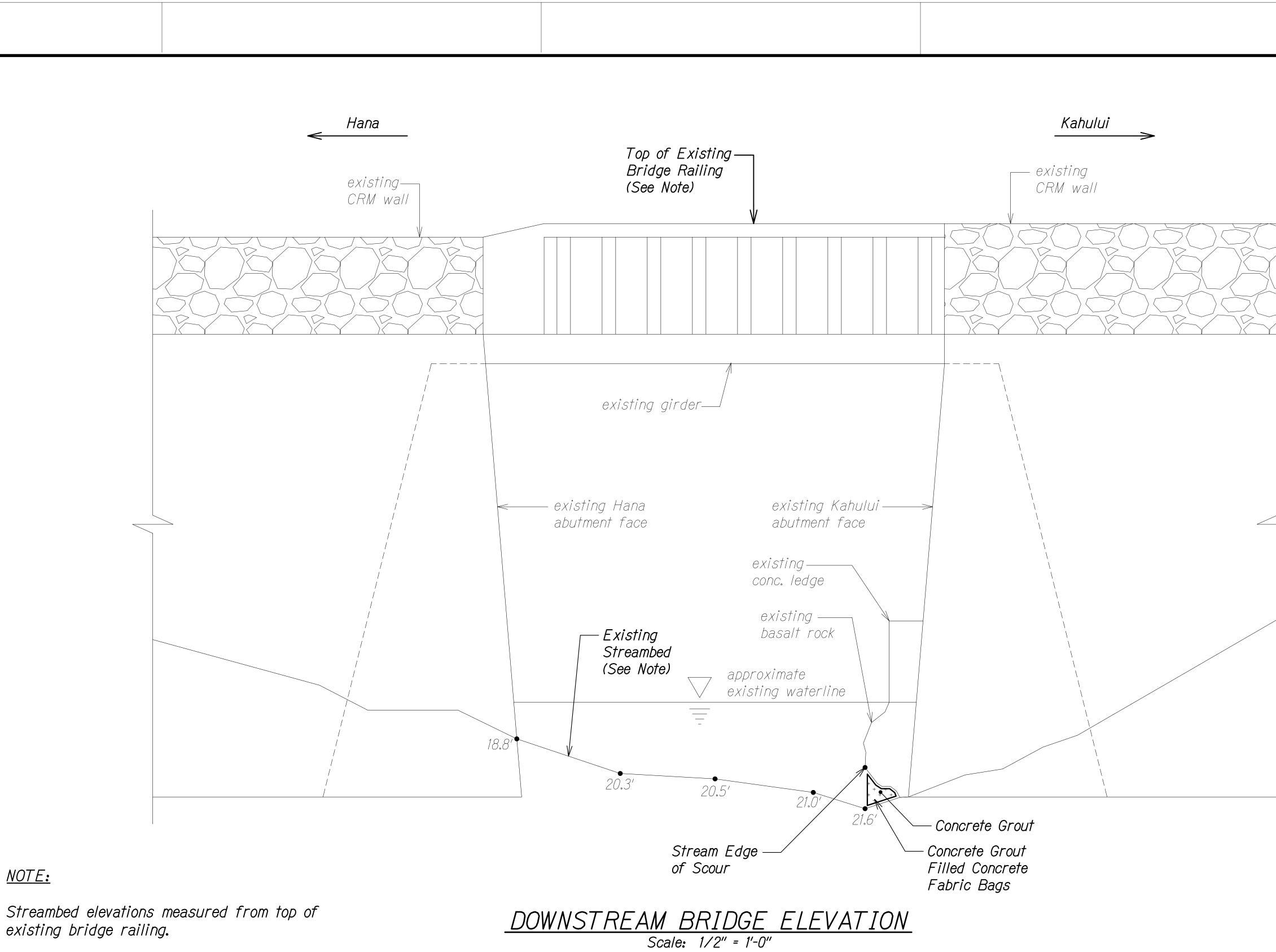
True North



Approximate scour location, based on measurement taken on March 15, 2022, to be filled in its entirety with concrete grout filled concrete fabric bags.



AS-BUILT DRAWINGS This certifies that the dimensions and details shown on this sheet reflect the dimensions and details and specifications as constructed in the field GLOBAL SPECIALTY CONTRACTORS, INC. Sta Signature



<u>NOTE:</u>

existing bridge railing.

<u>LEGEND:</u>

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Approximate scour location, based on measurement taken on March 15, 2022, to be filled in its entirety with concrete grout filled concrete fabric bags.

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FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(007)	2023	16	21



This work was prepared by me or under my supervision and construction of this project will be under my observation.

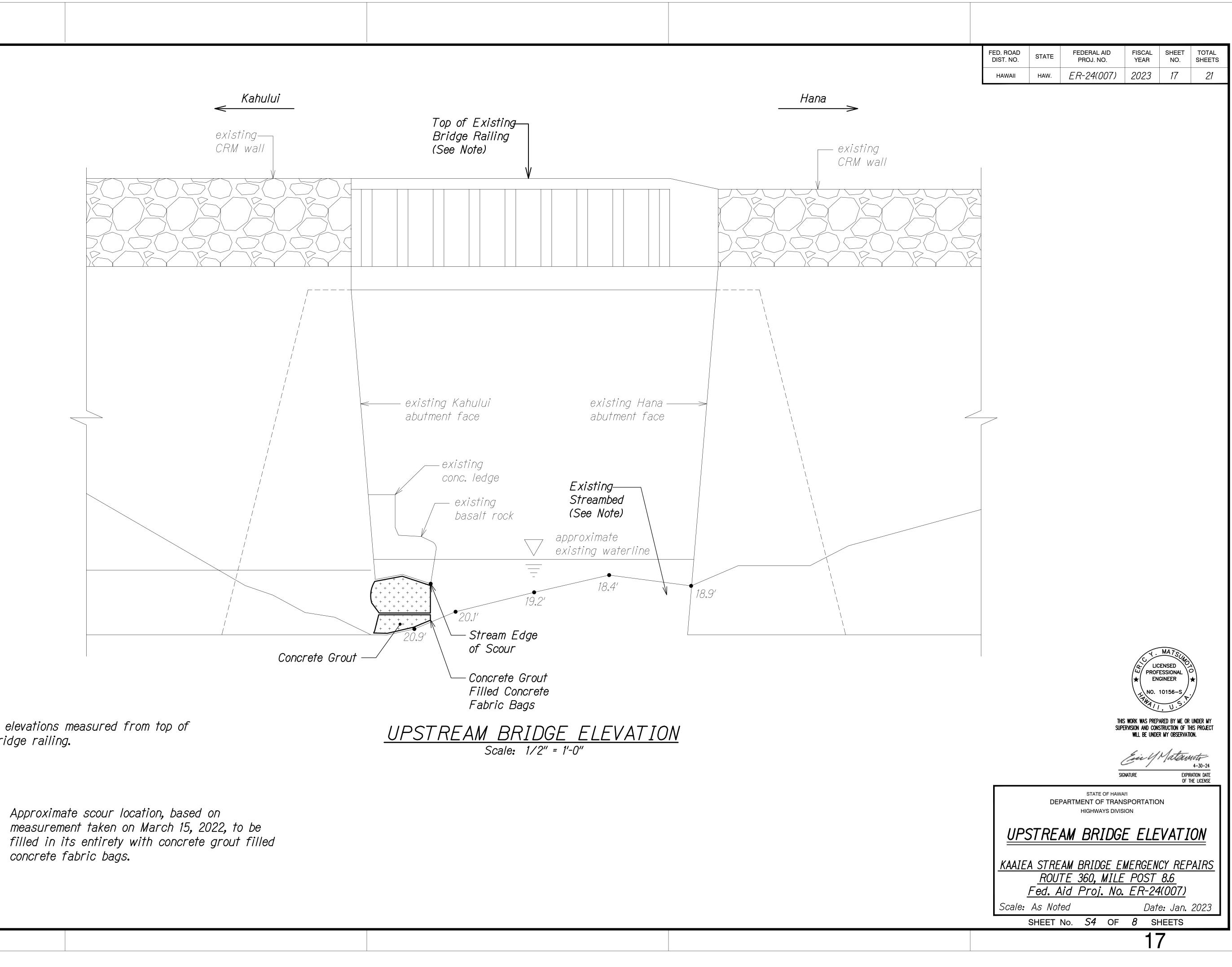
Ein Matermotor 4-30-24 SIGNATURE Expiration date of the license

STATE OF HAWAI'I DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

DOWNSTREAM BRIDGE ELEVATION <u>KAAIEA STREAM BRIDGE EMERGENCY REPAIRS</u> <u>ROUTE 360, MILE POST 8.6</u> <u>Fed. Aid Proj. No. ER-24(007)</u> Scale: As Noted Date: Jan. 2023

SHEET No. S3 OF 8 SHEETS

16



<u>NOTE:</u>

Streambed elevations measured from top of existing bridge railing.

<u>LEGEND:</u>

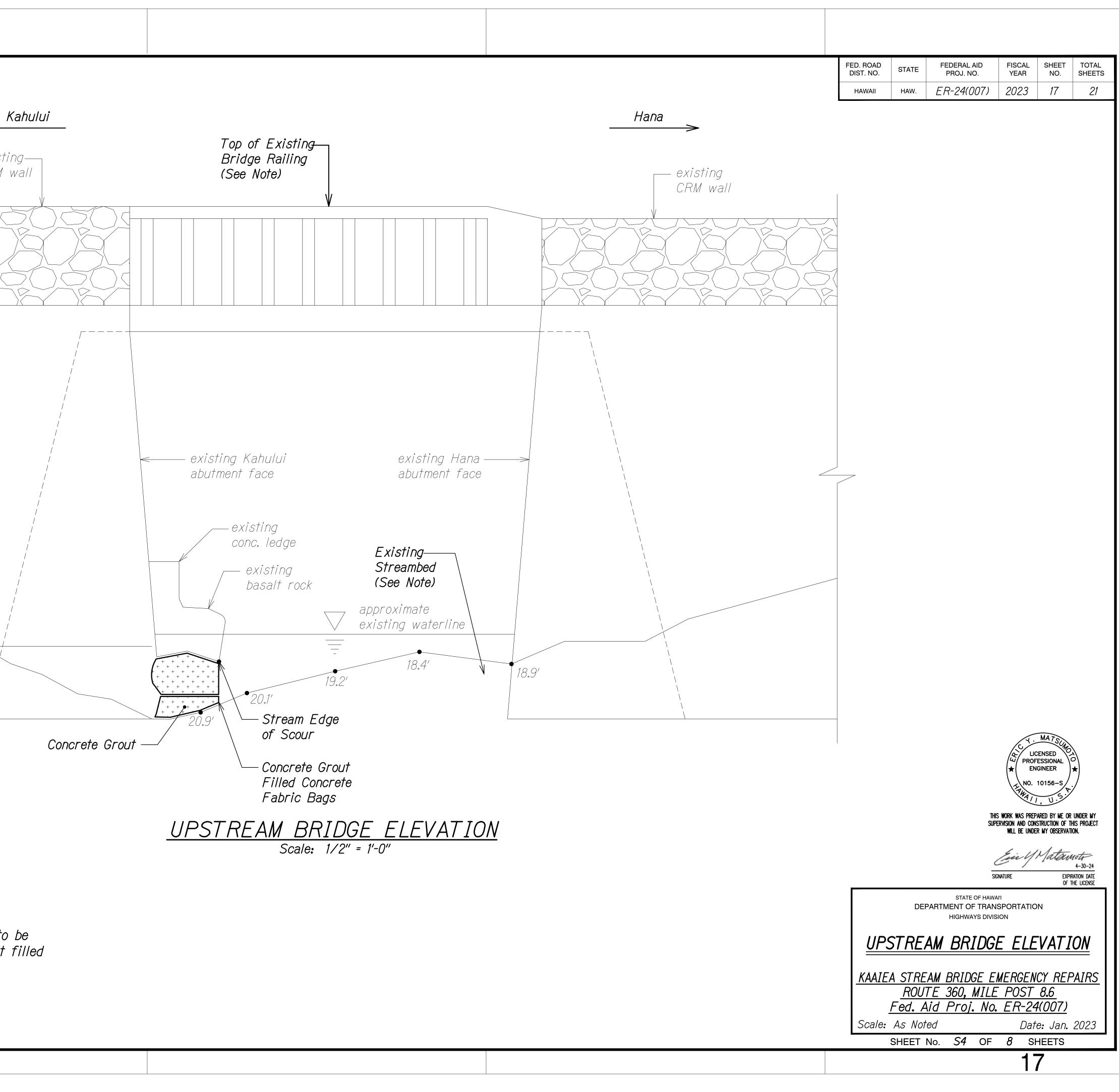
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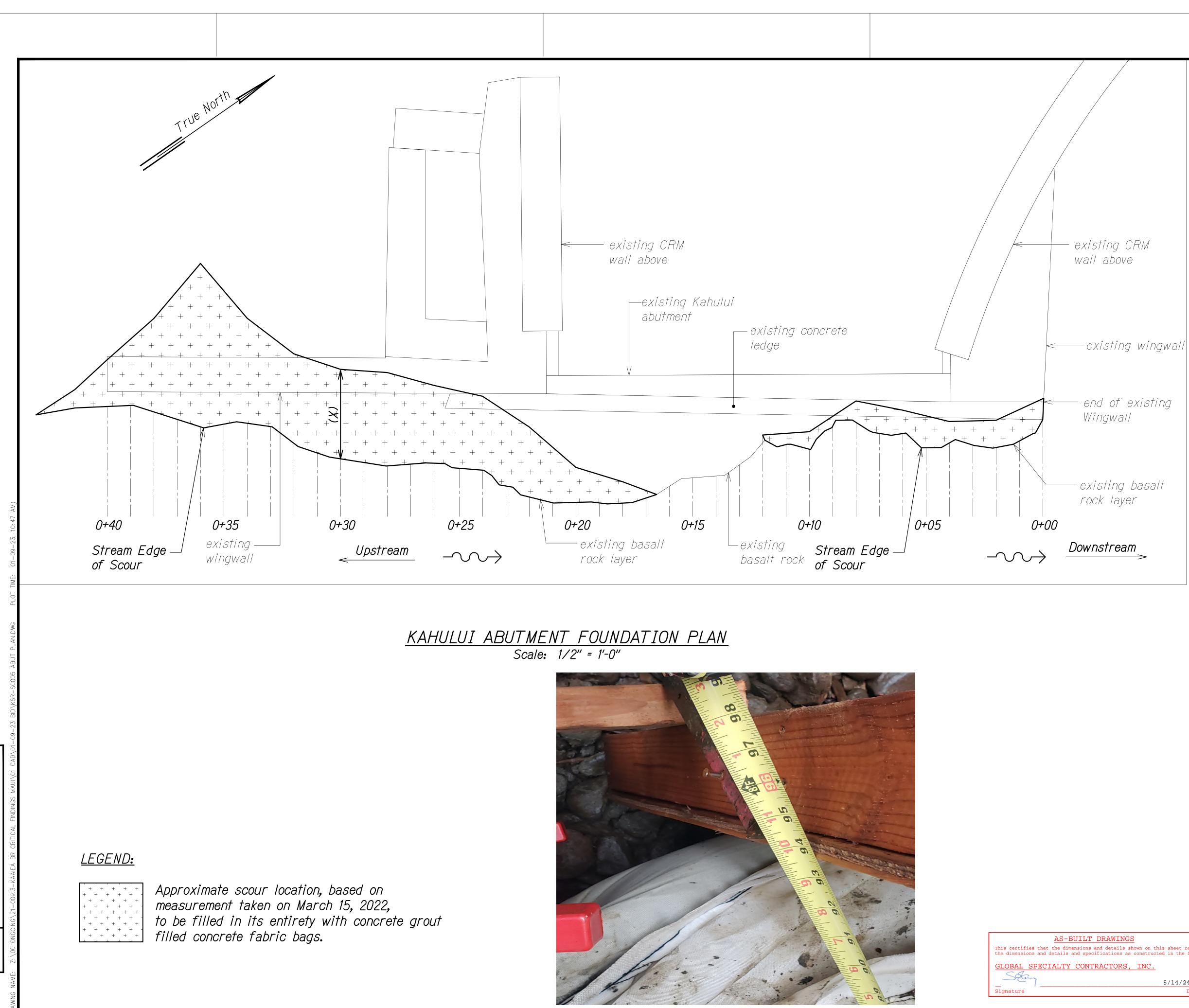
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HAWAII	HAW.	ER-24(007)	2023	18	21

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0+04	42	11
0+06	36	12
0+08	30	11
0+10	32	9
0+12	9	4
0+14	0	0
0+16	0	0
0+18	43	11
0+20	30	18
0+22	48	36
0+24	46	38
0+26	52	40
0+28	56	48
0+30	57	46
0+32	62	46
0+34	66	54
0+36	76 94	84
0+38	78 84	48
0+40	76	24



THIS WORK WAS PREPARED BY ME OR UNDER MY Supervision and construction of this project Will be under my observation.

Eic MMatormoto 4-30-24 EXPIRATION DATE OF THE LICENSE SIGNATURE

STATE OF HAWAI'I DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

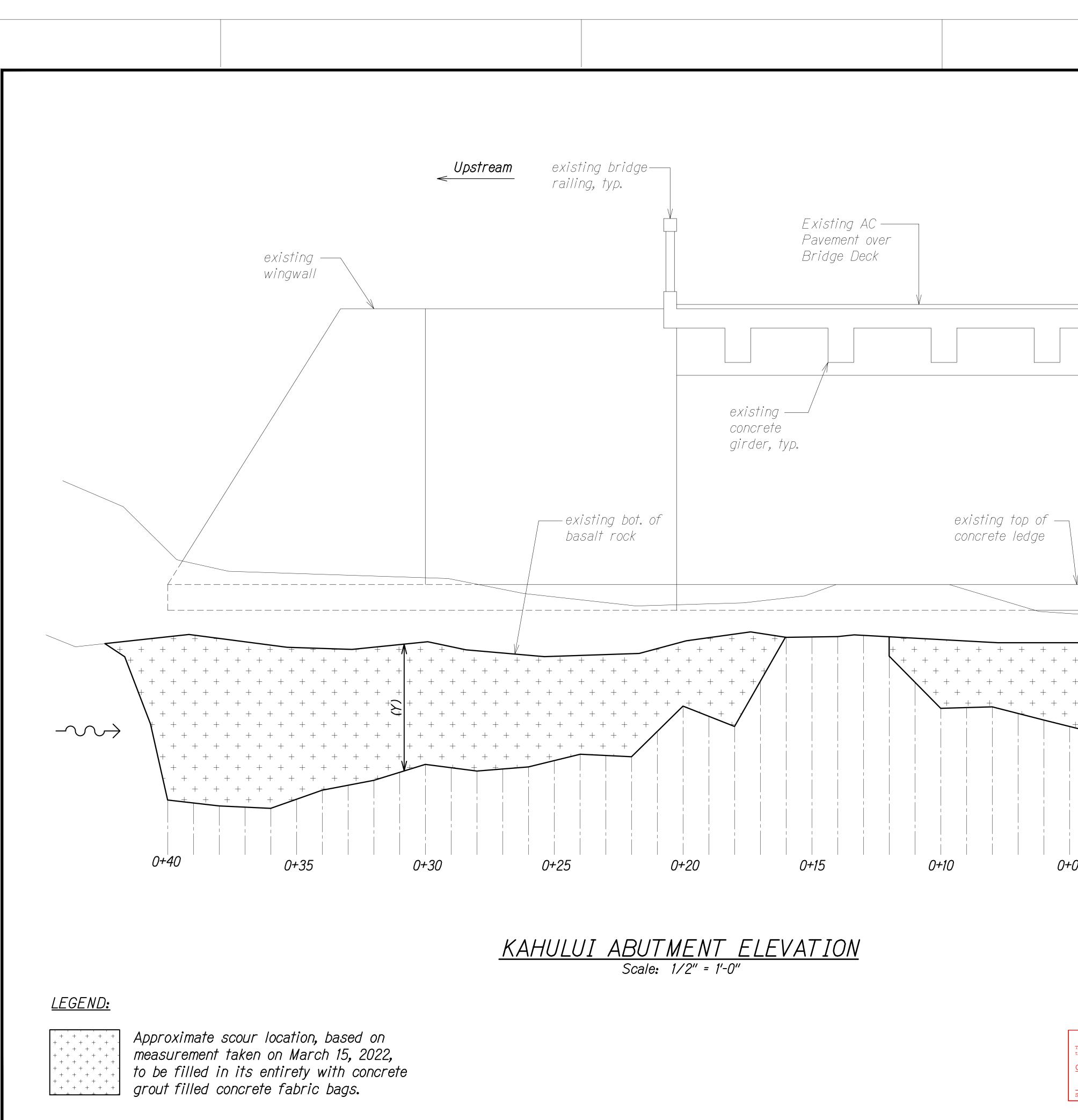


<u>KAAIEA STREAM BRIDGE EMERGENCY REPAIRS</u> <u>ROUTE 360, MILE POST 8.6</u> <u>Fed. Aid Proj. No. ER-24(007)</u> Scale: As Noted Date: Jan. 2023 SHEET No. S5 OF 8 SHEETS

AS-BUILT DRAWINGS	
This certifies that the dimensions and details shown on the dimensions and details and specifications as construct	
GLOBAL SPECIALTY CONTRACTORS, INC.	
Stay	5/14/24
Signature	Date

"AS-BUILT"

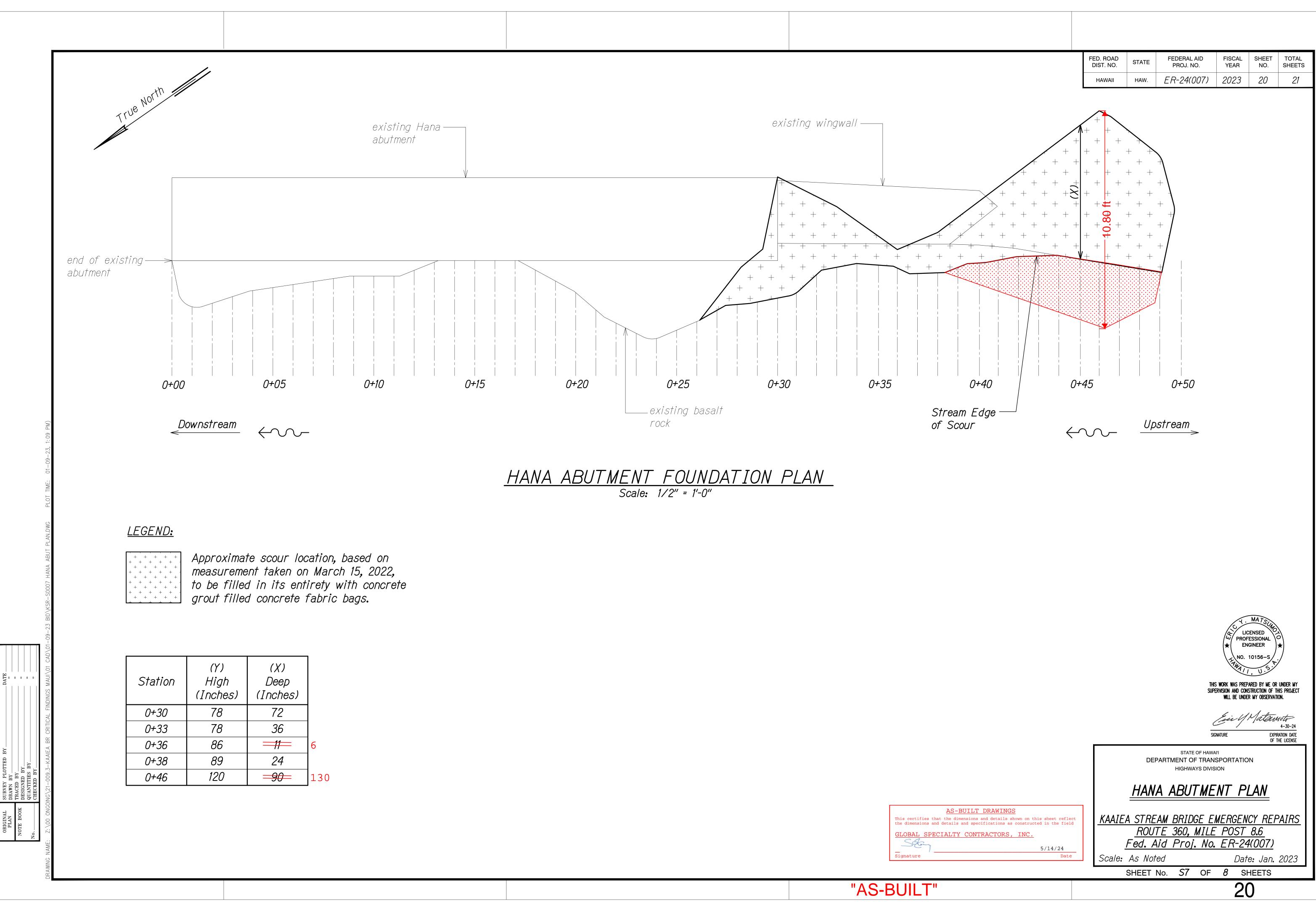
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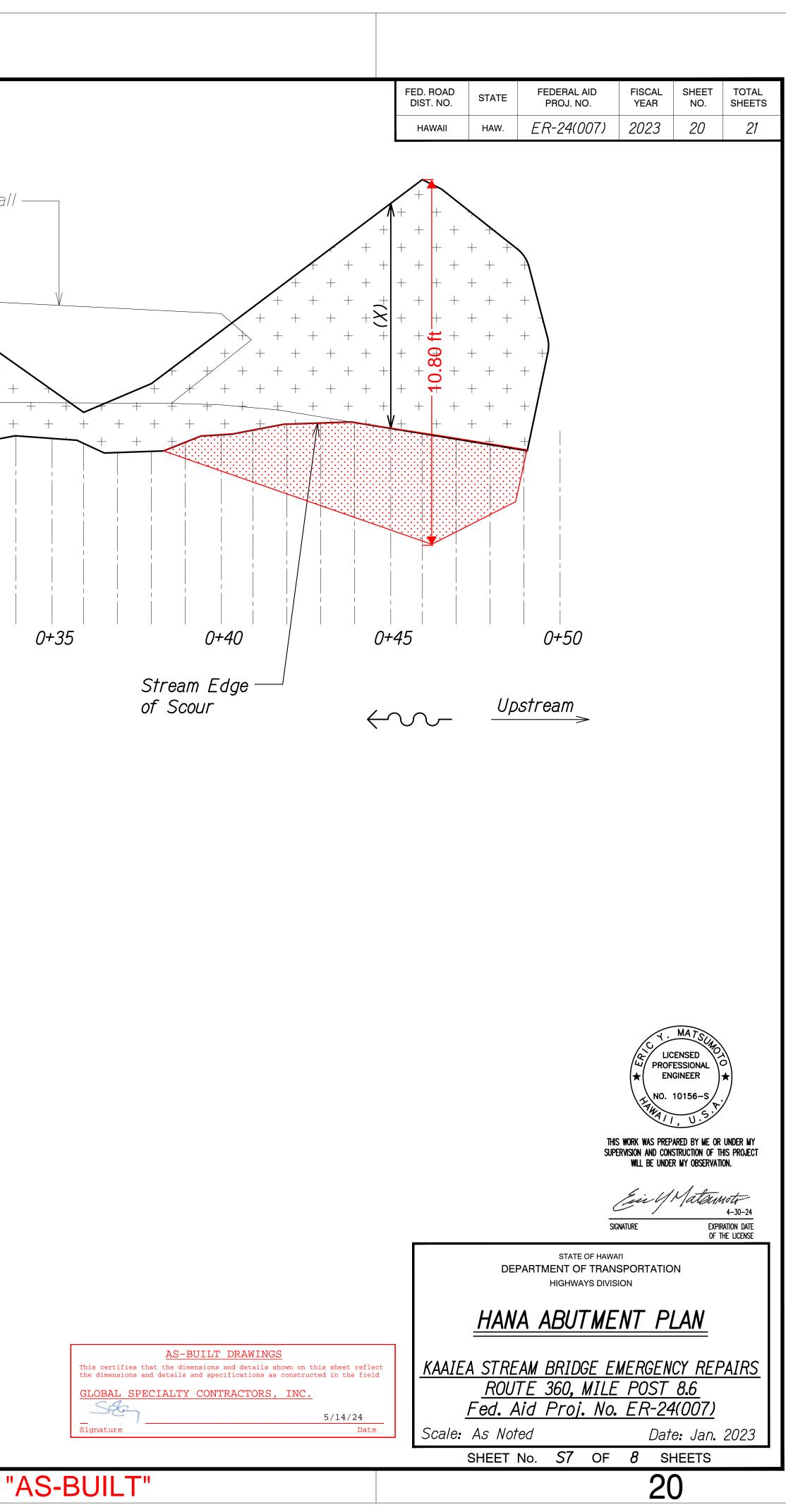


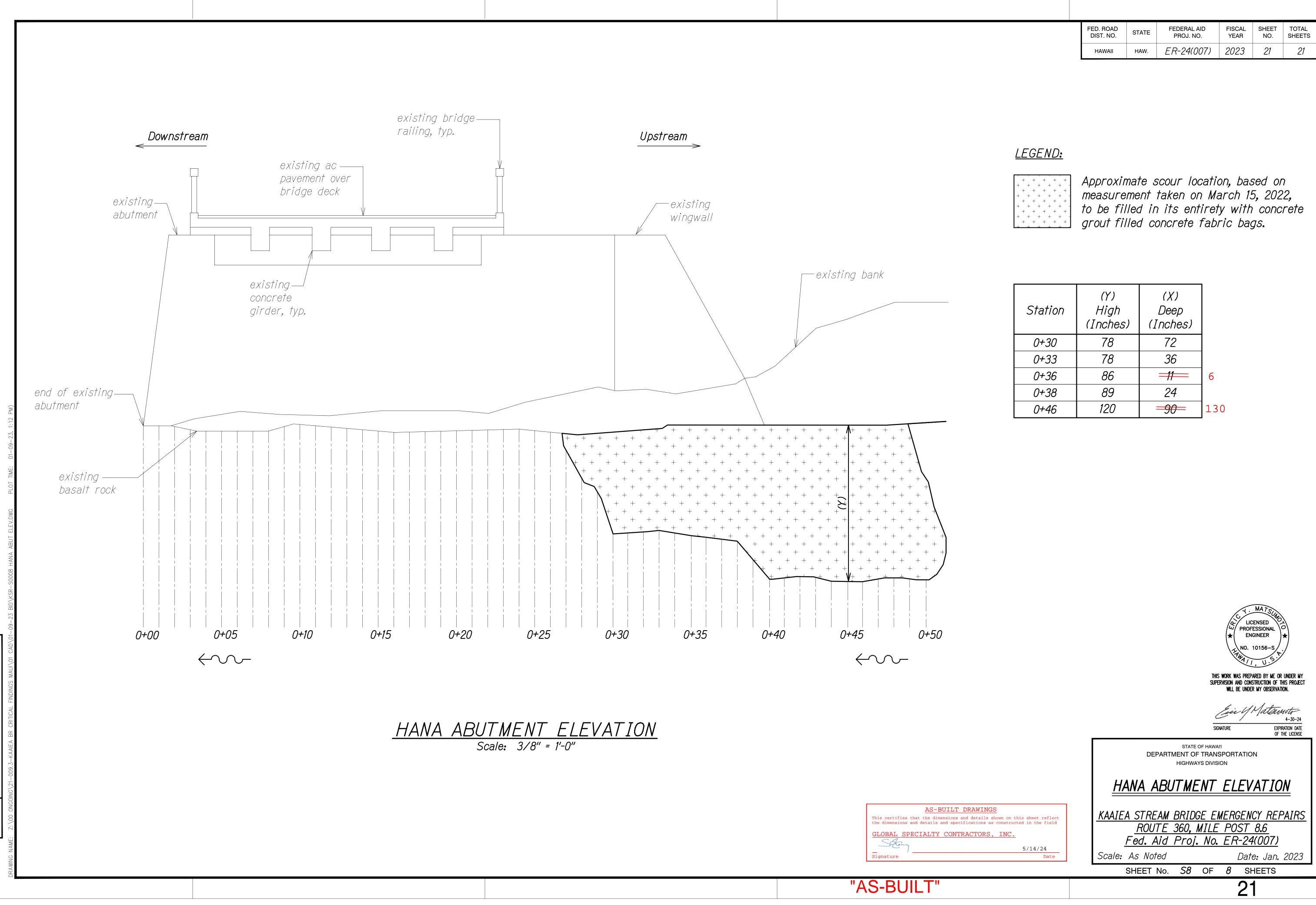
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HIS WORK WAS PREPARED BY HE OR UNDER MY SUPERVISION AD CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OSSERVATION. Joint Mathematic 1-30-24 SCANTURE SCANTURE DEPARTION DATE OF THE LICENSE STATE OF HAWARI DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION Mathematic 1-30-24 STATE OF HAWARI DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION MATHEMATIC DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION KAAIEA STREAM BRIDGE EMERGENCY REPAIRS ROUTE 360, MILE POST 8.6 Fed. Aid Proj. No. ER-24(007)							
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	This certifies that the dimensions and details shown on this sheet reflect the dimensions and details and specifications as constructed in the field GLOBAL SPECIALTY CONTRACTORS, INC. 5/14/24	Scale:	<u>ROUT</u> Fed. A As Not	T <u>E 360, MILE</u> .id Proj. No. ^{ed}	POST ER-24 Dat	<u>8.6</u> 4(007) re: Jan.	
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FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(007)	2023	21	21

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