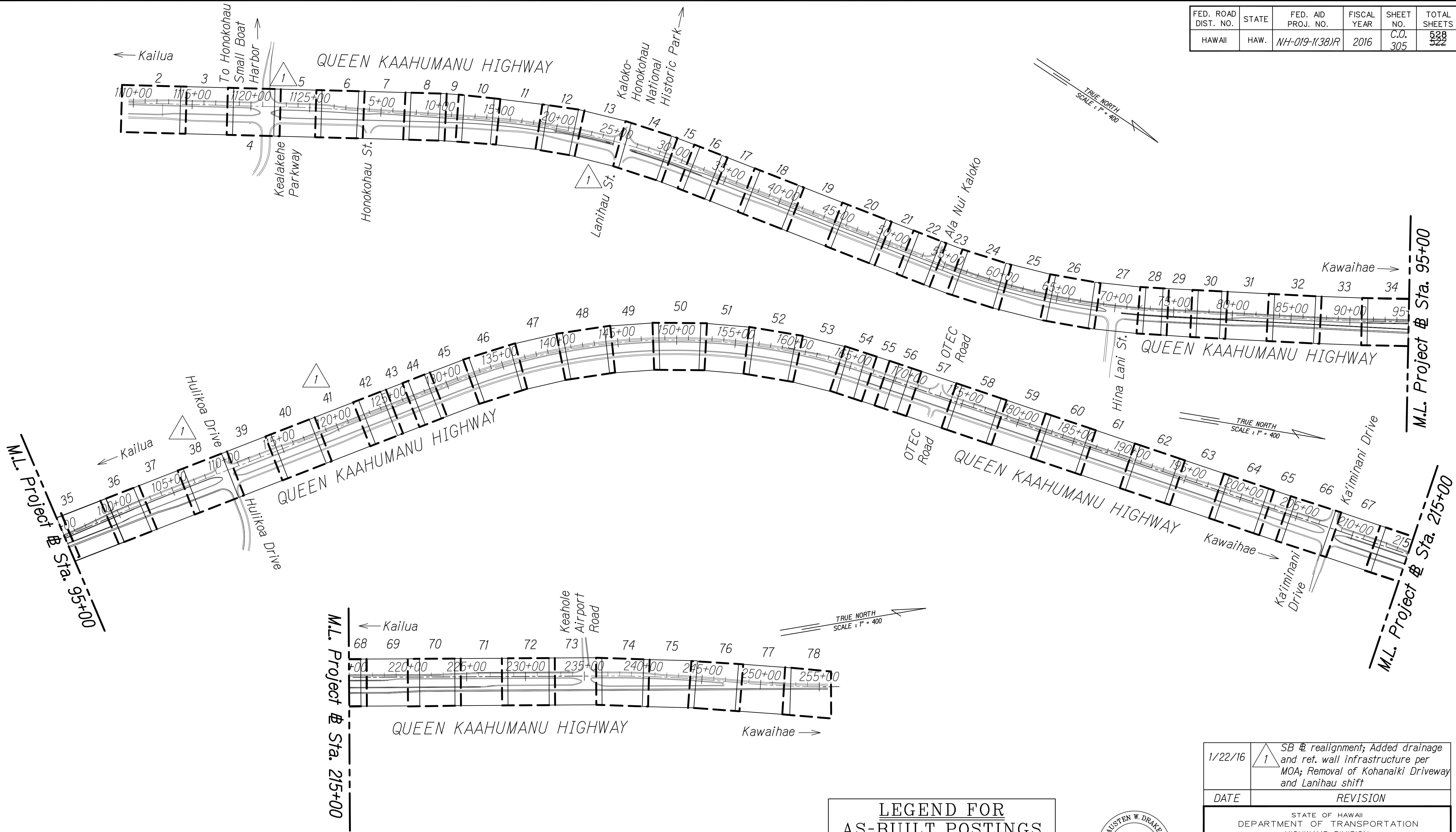


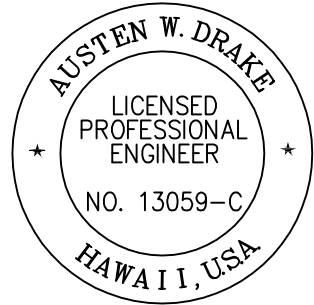
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(38)R	2016	C.O. 305	528 522



GRAPHICAL SCALE:
400' 200' 0 400' 800'
Scale: 1" = 400'

KEY PLAN
SCALE: 1" = 400'

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
Austen W. Drake
SIGNATURE
APRIL 30, 2018
EXPIRATION DATE OF THE LICENSE

1/22/16	1 SB @ realignment; Added drainage and ret. wall infrastructure per MOA; Removal of Kohanaiki Driveway and Lanihau shift
---------	--

DATE	REVISION
------	----------

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY CROSS SECTIONS	
QUEEN KAAHUMANU HIGHWAY WIDENING Kealahou Pkwy. To Keahole Airport Rd.(Ph. 2) Federal Aid Project No. NH-019-1(38)R Scale: AS NOTED Date: AUGUST 2016	
SHEET No. 1	OF 78 SHEETS

"AS-BUILT"

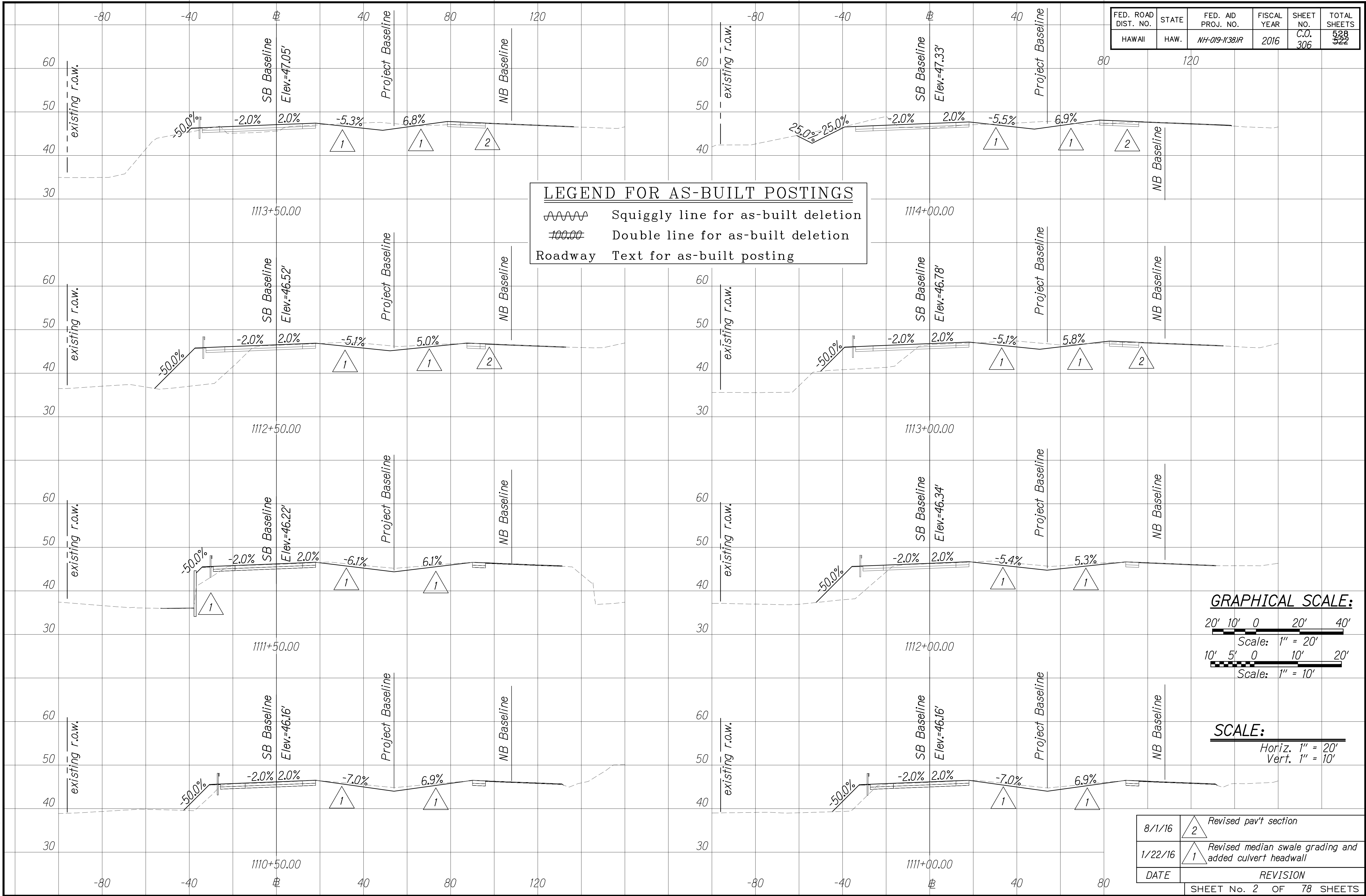
C.O. 305

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	

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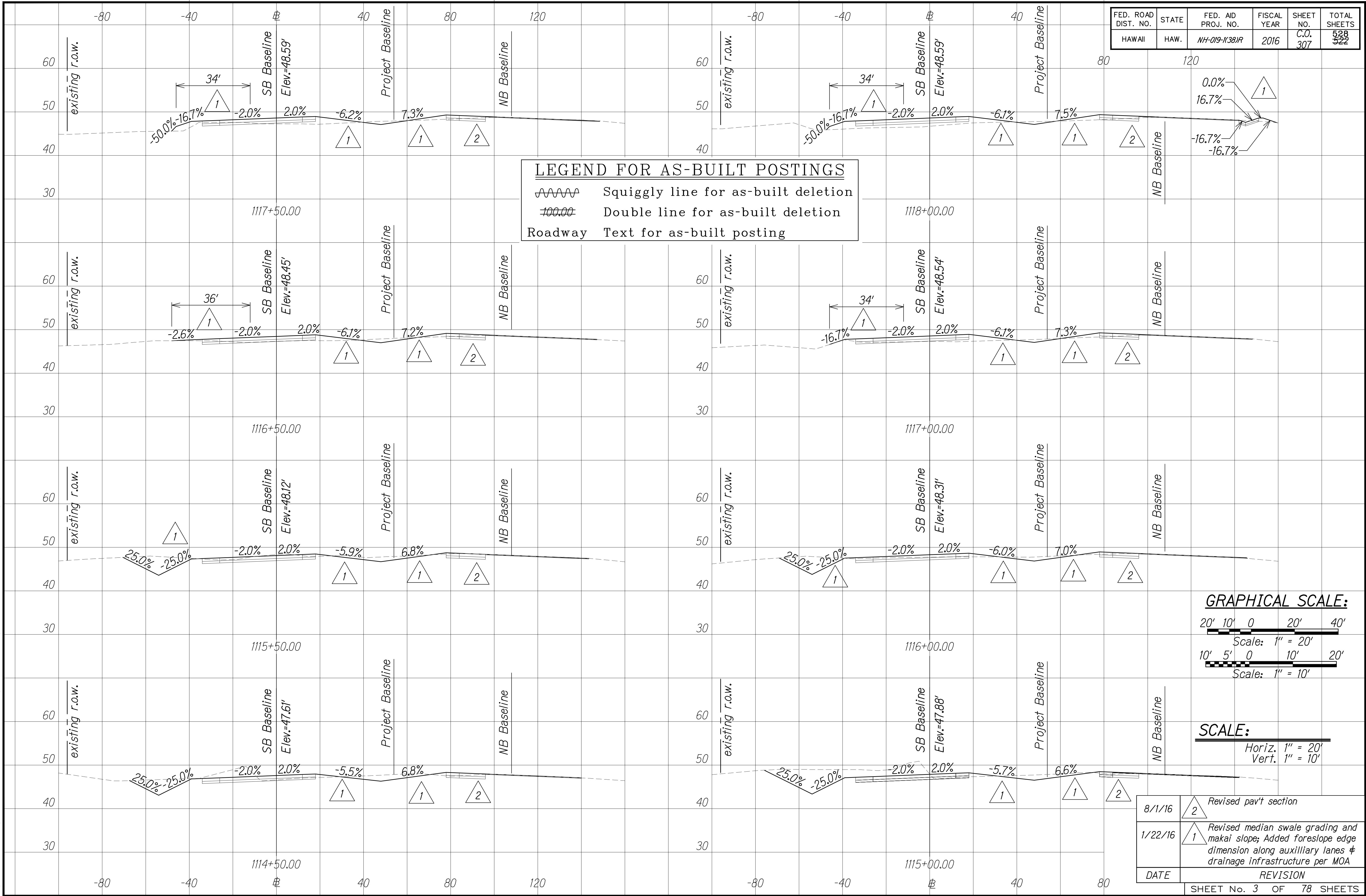
ORIGINAL PLAN	SURVEY PLOTTED BY		DATE
	DESIGNED BY		
NOTE BOOK	TRACED BY		
	DESIGNED BY		
No.	QUANTITIES BY		
	CHECKED BY		

W:_CIVIL_3D_PROJECTS\2008_003_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\306_317_CROSS_SECTIONS_2_TO_13.DWG 6/20/2016 10:31 AM



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	
NOTE BOOK	No.	

W:_CIVIL 3D PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\306_317 CROSS SECTIONS 2 TO 13.DWG 8/3/2016 2:55 PM



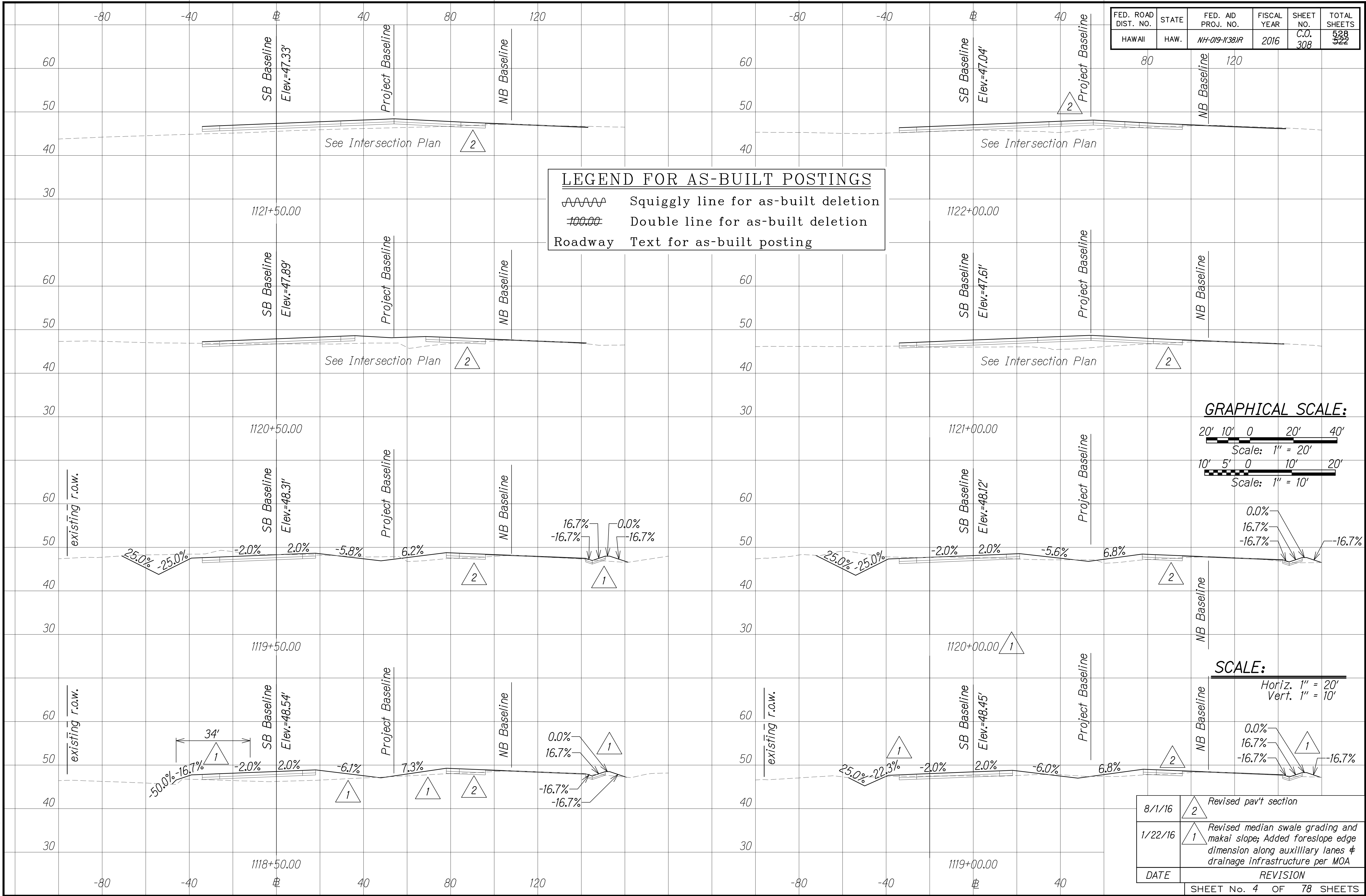
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(38)R	2016	C.O. 307	528 522

8/1/16	2	<i>Revised pav't section</i>
1/22/16	1	<i>Revised median swale grading and makai slope; Added foreslope edge dimension along auxilliary lanes & drainage infrastructure per MOA</i>
DATE	REVISION	
	SHEET No. 3 OF 78 SHEETS	

C.O. 307

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
NOTE BOOK	QUANTITIES BY	
	CHECKED BY	
No.		

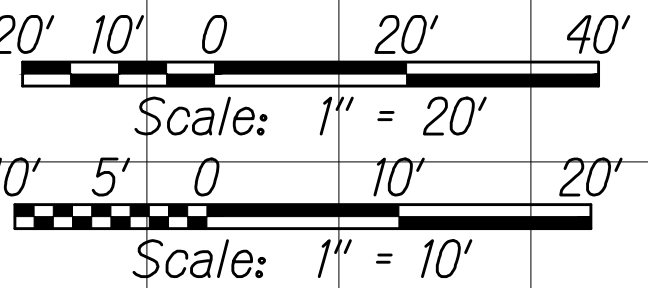
W:_CIVIL 3D PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\306_317 CROSS SECTIONS 2 TO 13.DWG 8/3/2016 2:55 PM



LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(38)R	2016	C.O. 308	528 522

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'
Vert. 1" = 10'

8/1/16	2	<i>Revised pav't section</i>
1/22/16	1	<i>Revised median swale grading and makai slope; Added foreslope edge dimension along auxilliary lanes & drainage infrastructure per MOA</i>
DATE	REVISION	
	SHEET No. 4 OF 78 SHEETS	

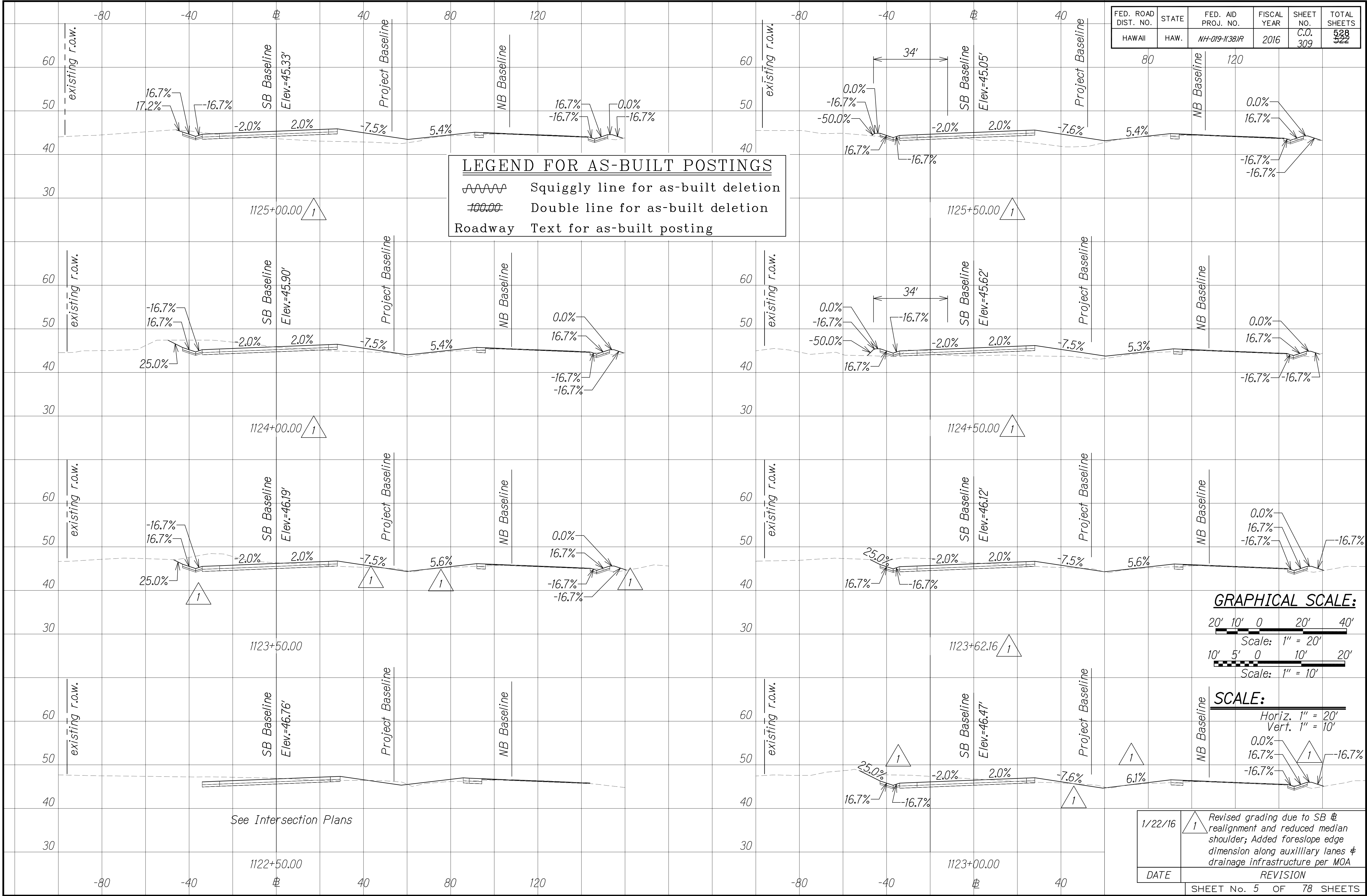
"AS-BUILT"

8/3/2016 3:04 PM

C.O. 308

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	DESIGNED BY
NOTE BOOK	DESIGNED BY	DESIGNED BY
	QUANTITIES BY	QUANTITIES BY
No.	CHECKED BY	CHECKED BY

W:_CIVIL_3D_PROJECTS\2008_003_001_GBI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\306_317_CROSS_SECTIONS 2 TO 13.DWG 6/17/2016 5:40 PM



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(38)R	2016	C.O. 309	528 522

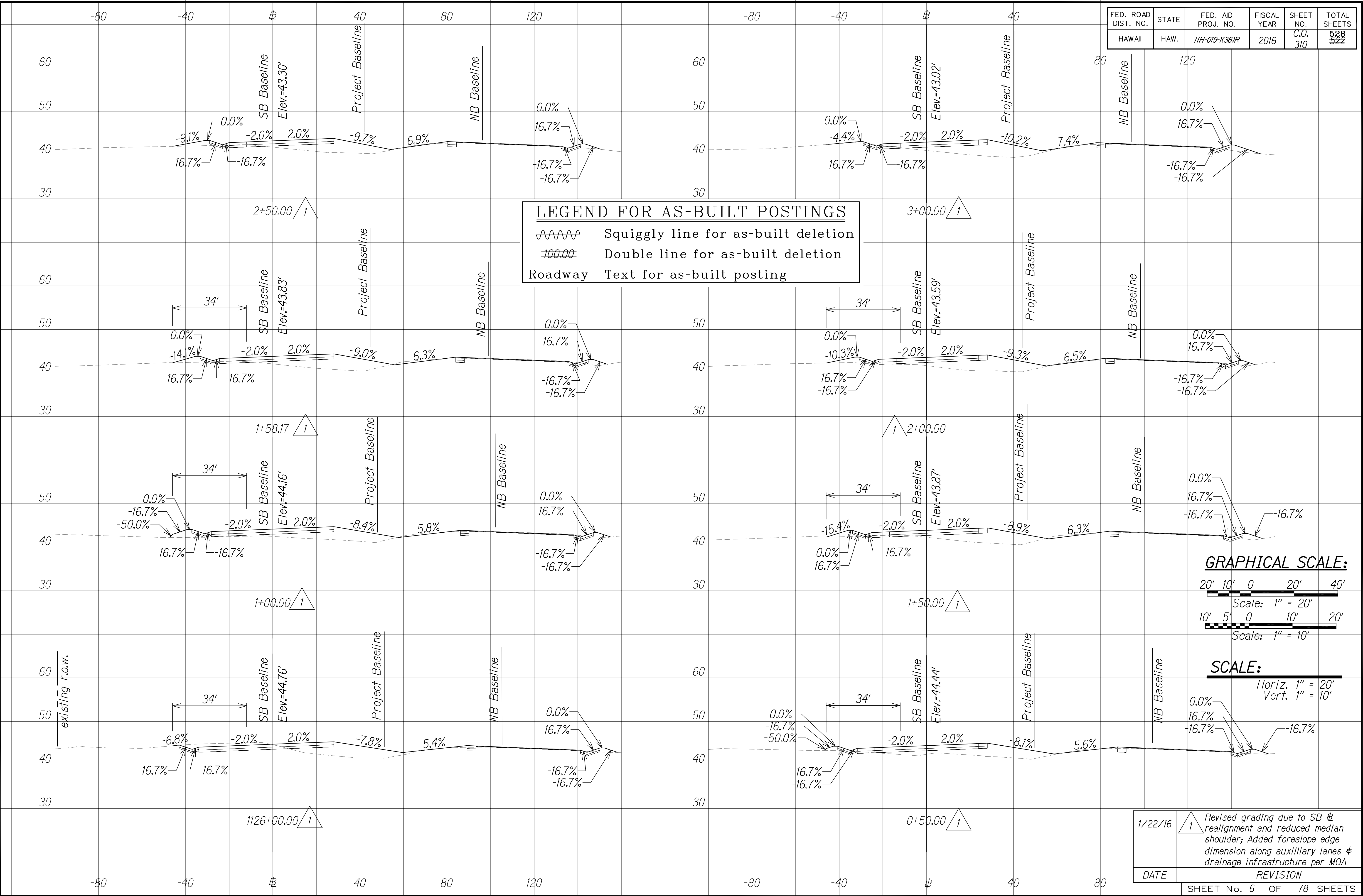
6/17/2016 5:41 PM

C.O. 309

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
No.		CHECKED BY

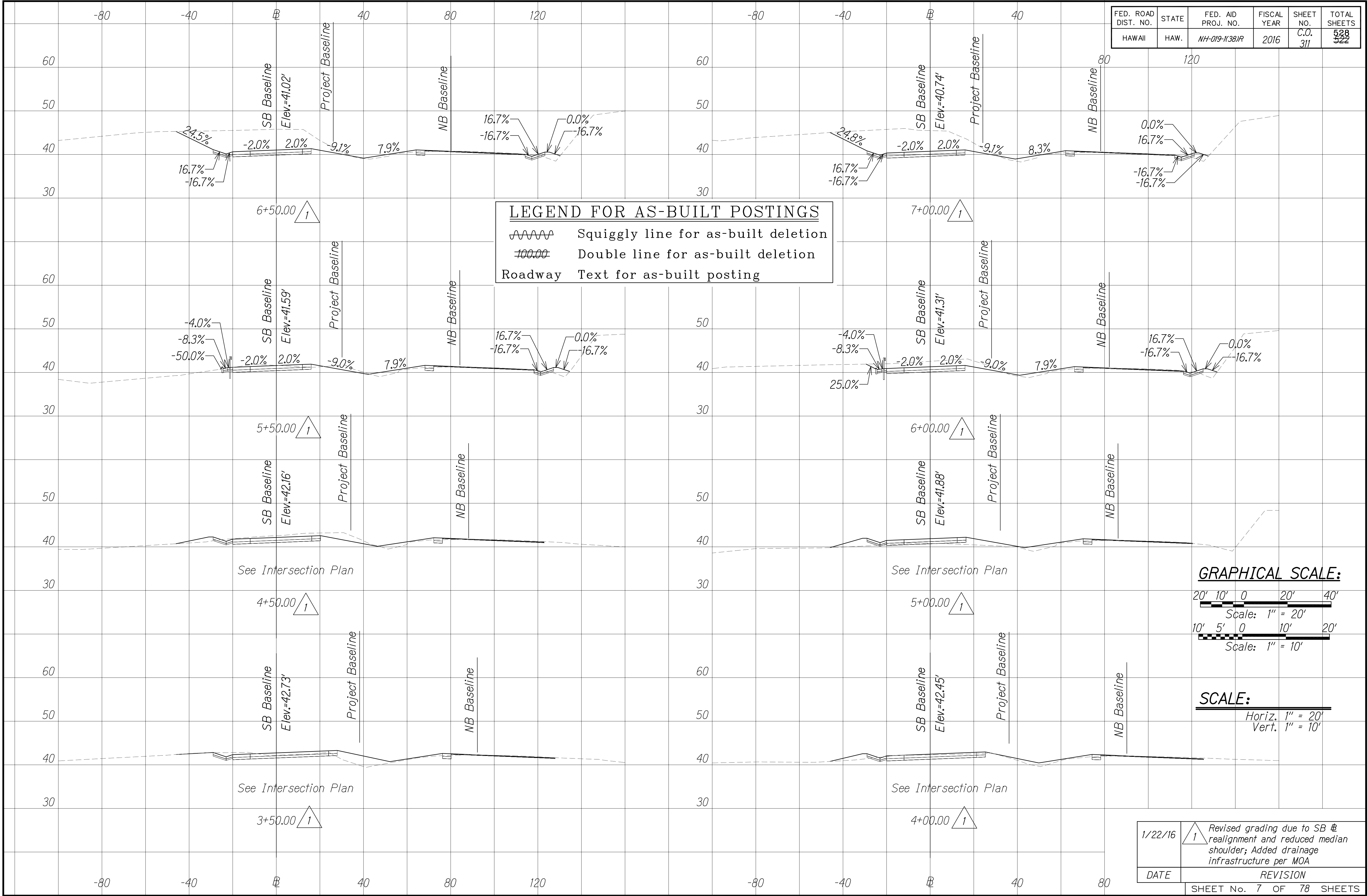
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(38)R	2016	C.O. 310	528 522



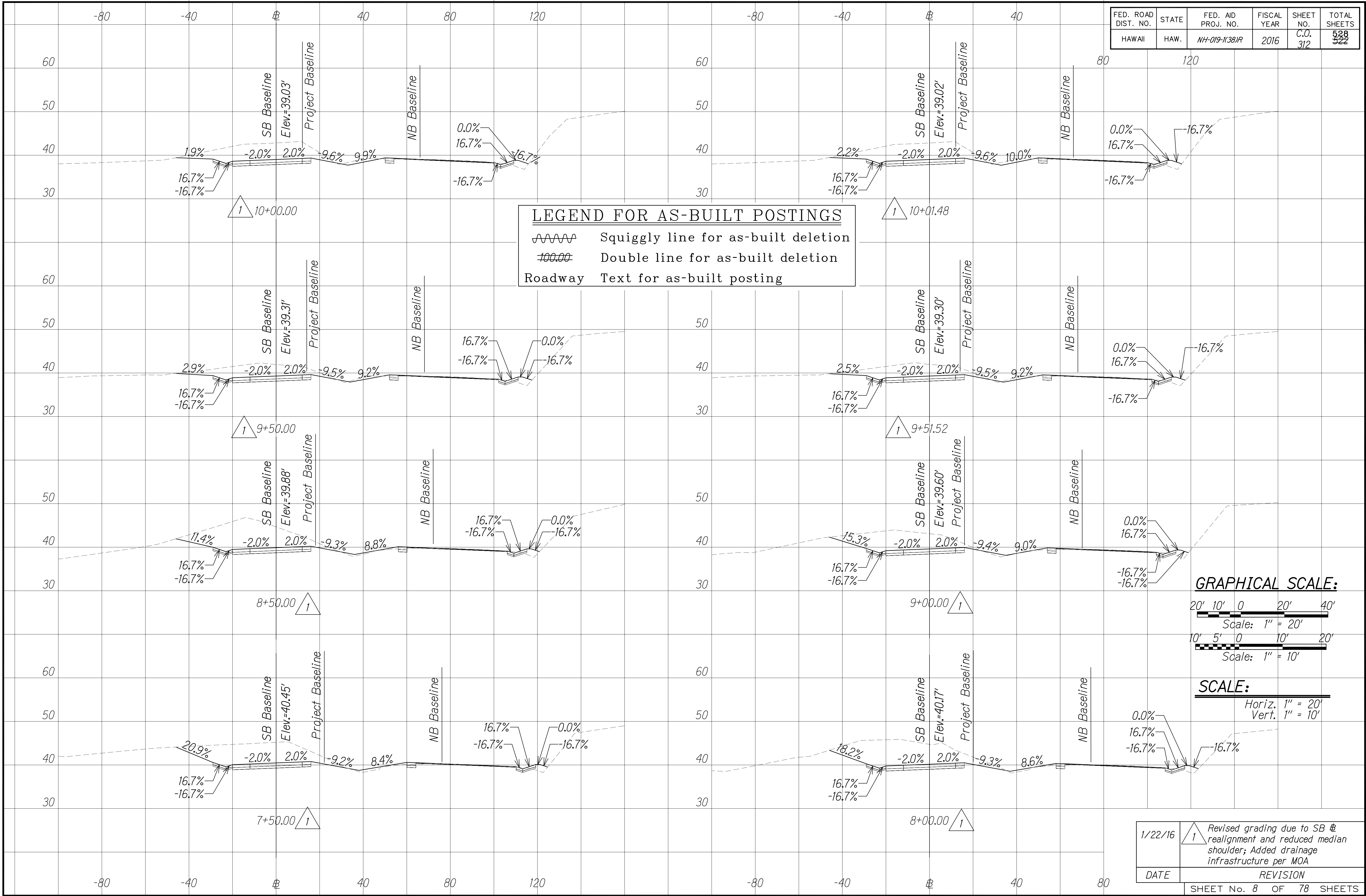
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	

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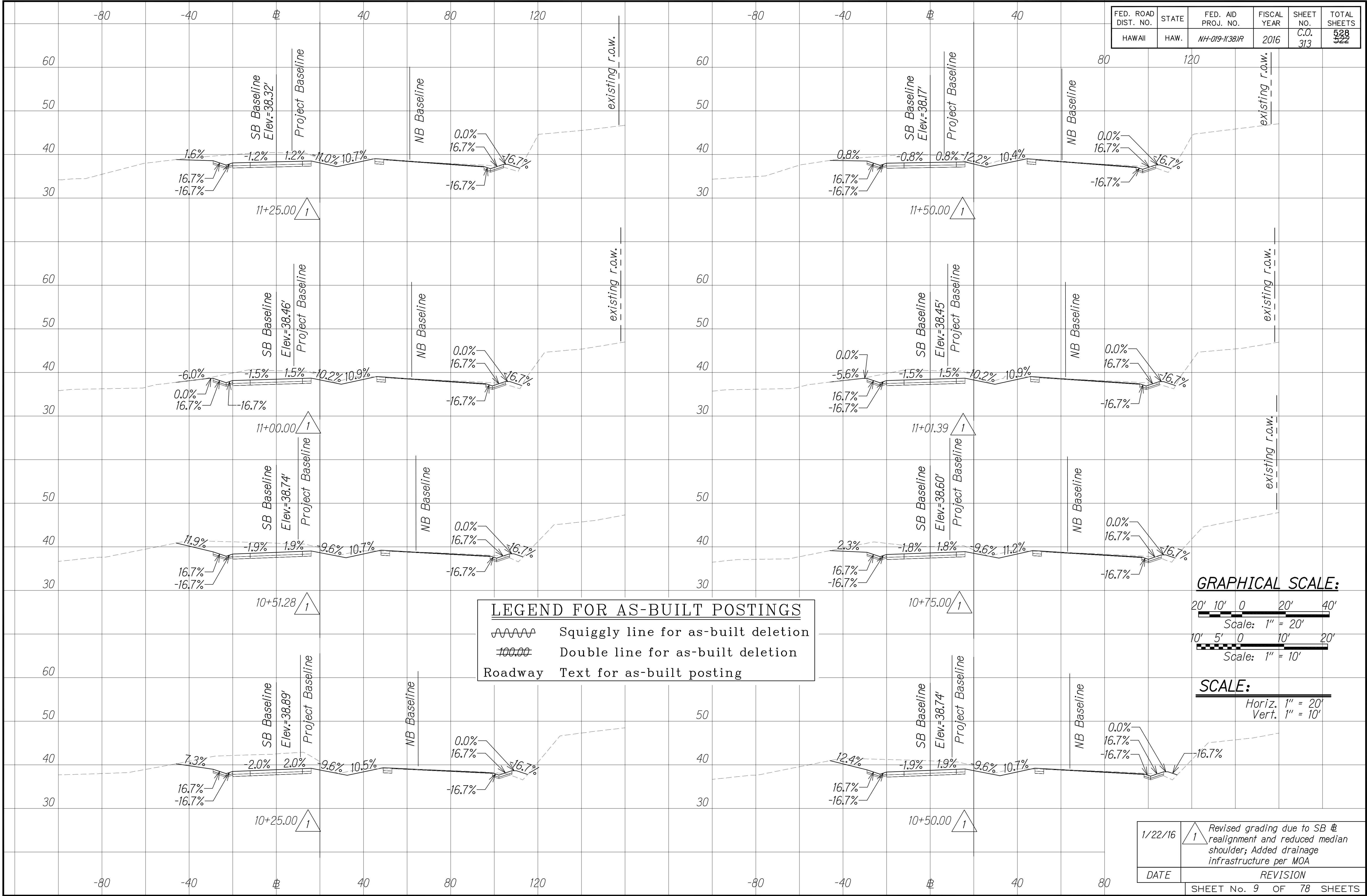
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
	TRACED BY	
	CHECKED BY	
NOTE BOOK	DESIGNED BY	
	TRACED BY	
	CHECKED BY	
	QUANTITIES BY	
No.		

W:_CIVIL_3D\PROJECTS\2008_003_001_GBI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\06_317_CROSS_SECTIONS_2 TO 13.DWG 6/17/2016 6:17 PM



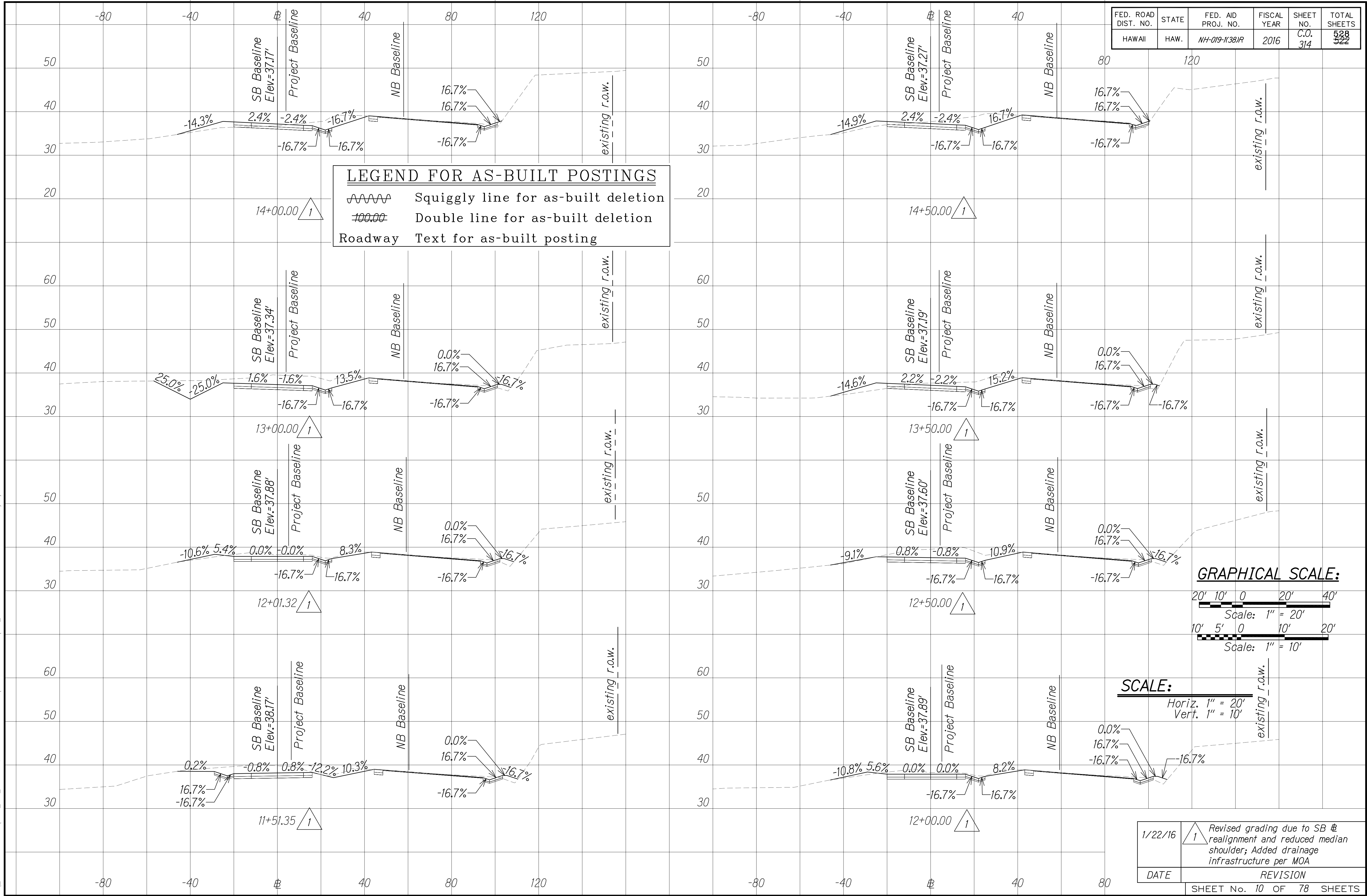
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
NOTE BOOK	TRACED BY	
	DESIGNED BY	
No.		CHECKED BY

W:_CIVIL_3D_PROJECTS\2008_003_001_GBI_QUEEN_K_Hwy_WIDENING\01_CIVIL_DRAWINGS\306_317_CROSS_SECTIONS 2 TO 13.DWG 6/17/2016 6:19 PM



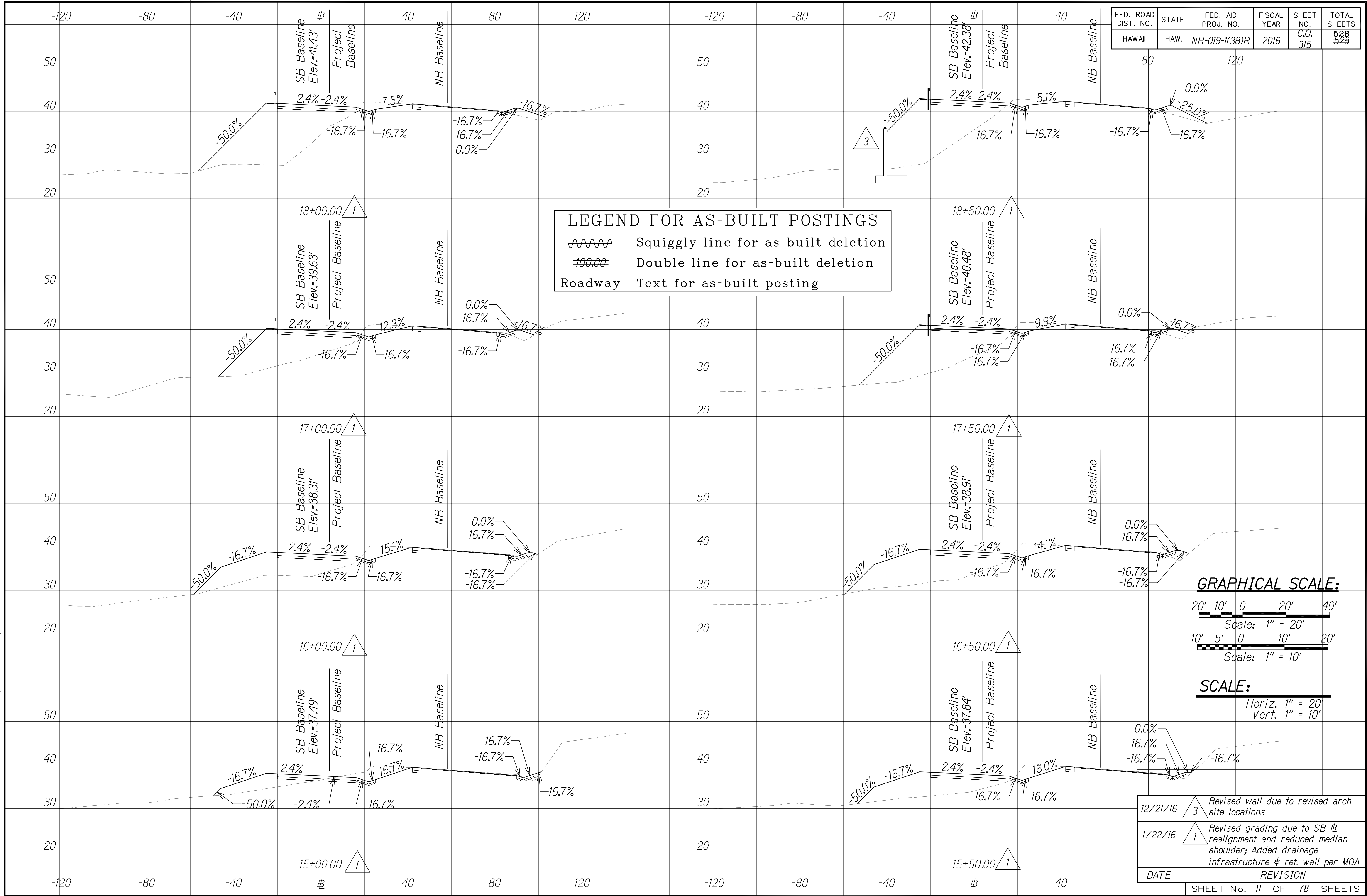
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
	NOTED BY	
	CHECKED BY	
NOTE BOOK	DESIGNED BY	
	NOTED BY	
	CHECKED BY	
	QUANTITIES BY	

W:_CIVIL_3D_PROJECTS\2008_003_001_GBI_QUEEN_K_Hwy_WIDENING\01_CIVIL_DRAWINGS\306_317_CROSS_SECTIONS_2 TO 13.DWG 6/17/2016 6:21 PM



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

W:_CIVIL_3D_PROJECTS\2008_003_001_GBI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\06_317_CROSS_SECTIONS 2 TO 13.DWG 12/22/2016 12:28 PM

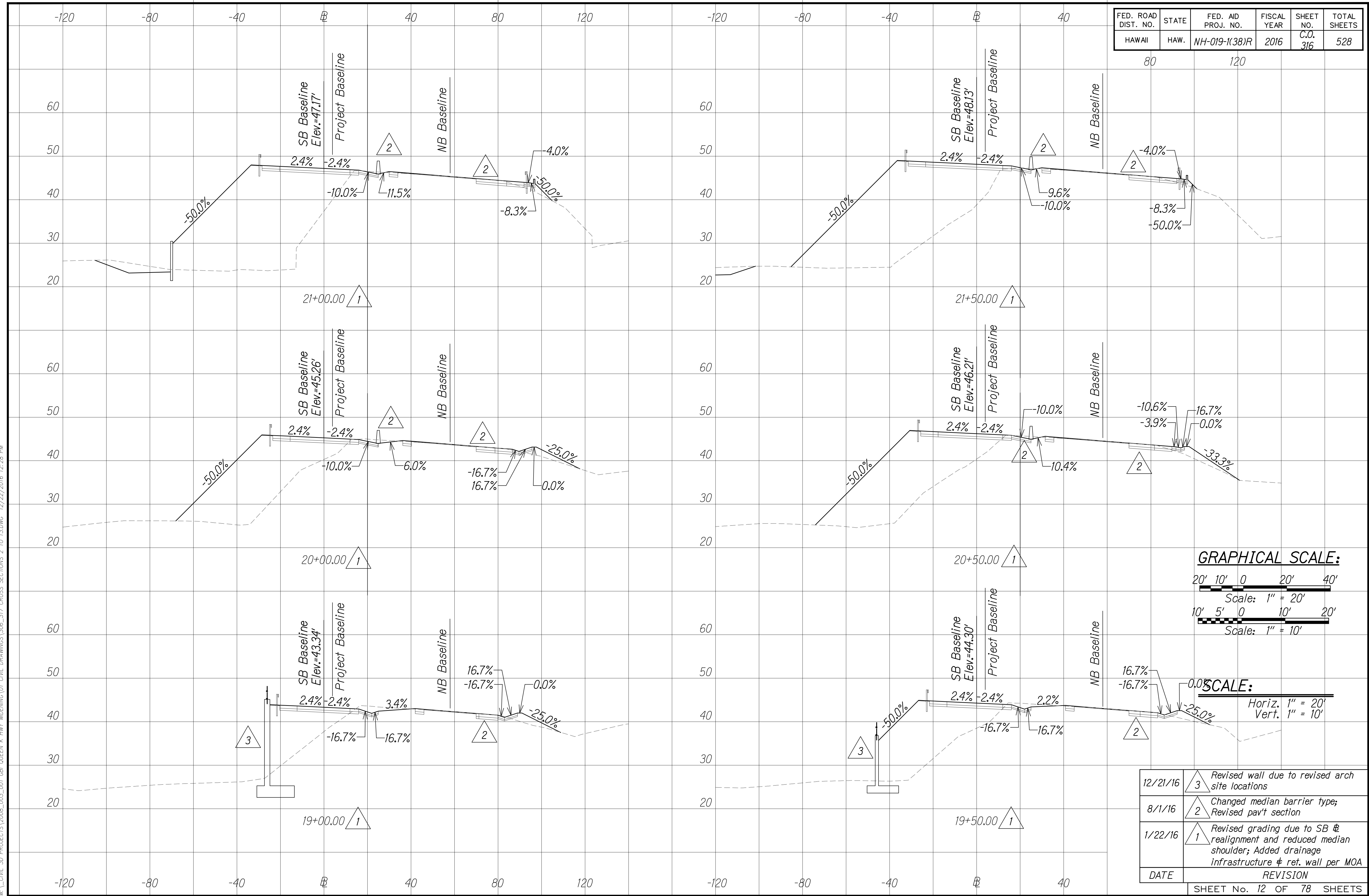


"AS-BUILT"

1/6/2017 1:11 PM

C.O. 315

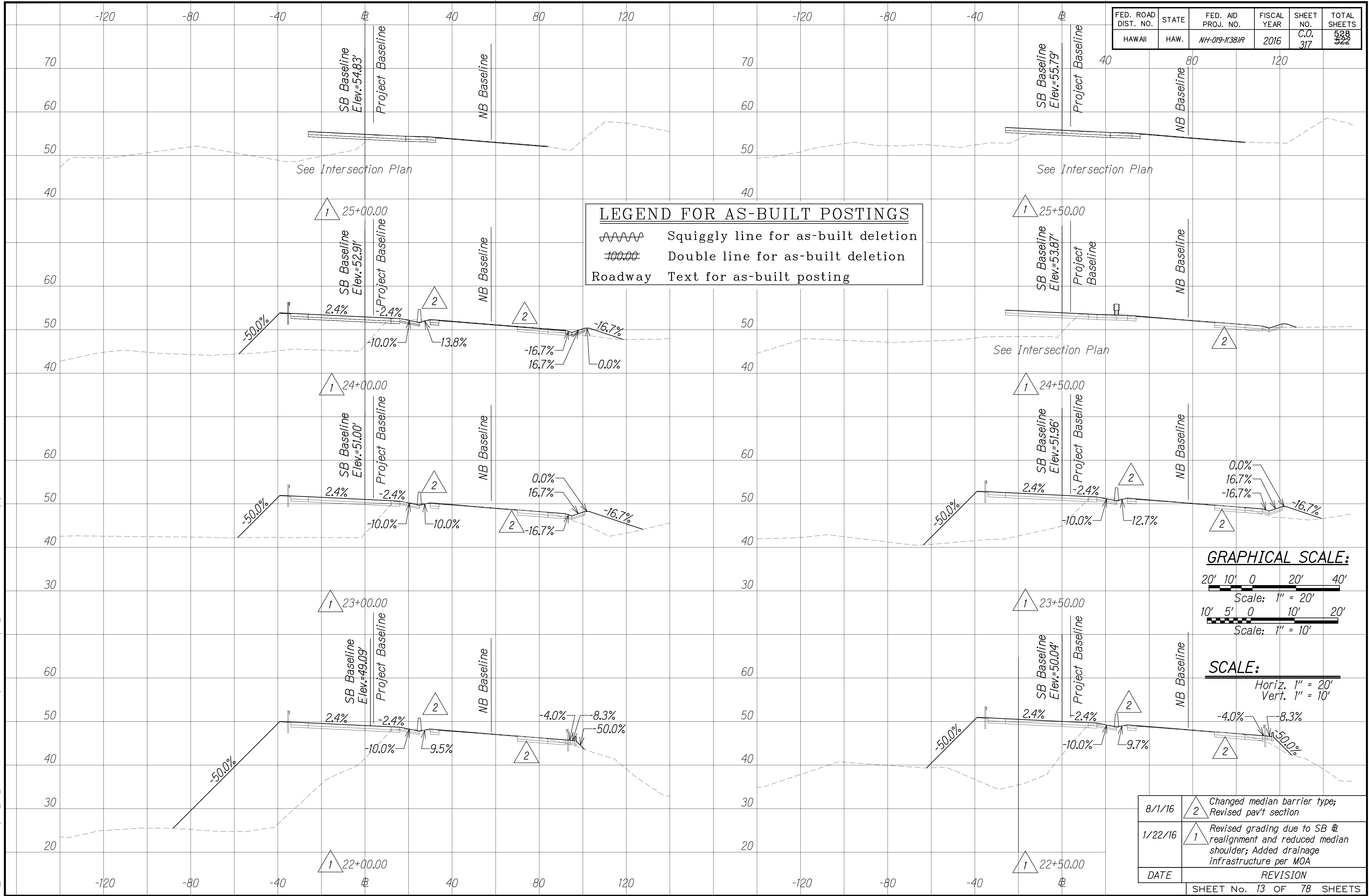
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(38)R	2016	C.O. 316	528



12/21/16	 Revised wall due to revised arch site locations
8/1/16	 Changed median barrier type; Revised pav't section
1/22/16	 Revised grading due to SB at realignment and reduced median shoulder; Added drainage infrastructure at ref. wall per MOA
DATE	REVISION

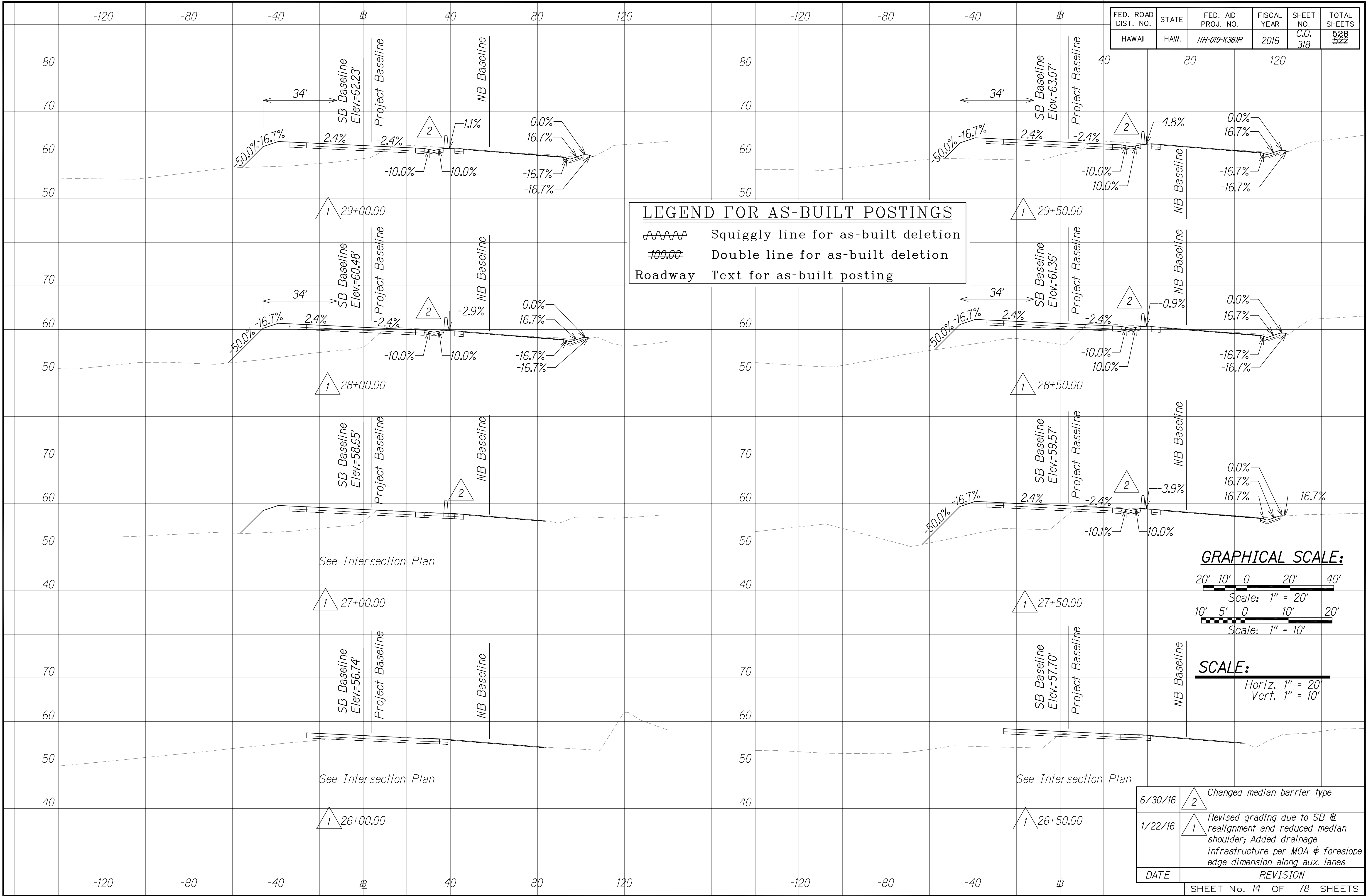
ORIGINAL PLAN	SURVEY PLOTTED BY _____		DATE _____	
	DESIGNED BY _____		CHECKED BY _____	
NOTE BOOK No. _____	TRACED BY _____		DESIGNED BY _____	
	QUANTITIES BY _____		CHECKED BY _____	

W:_CIVIL_3D_PROJECTS\2008_2013_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\306_317_CROSS_SECTIONS 2 TO 13.DWG 8/3/2016 4:36 PM



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

W:_CIVIL_3D_PROJECTS\2008_003_001_GBI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\118_329_CROSS_SECTIONS 14 TO 25.DWG 6/20/2016 10:29 AM



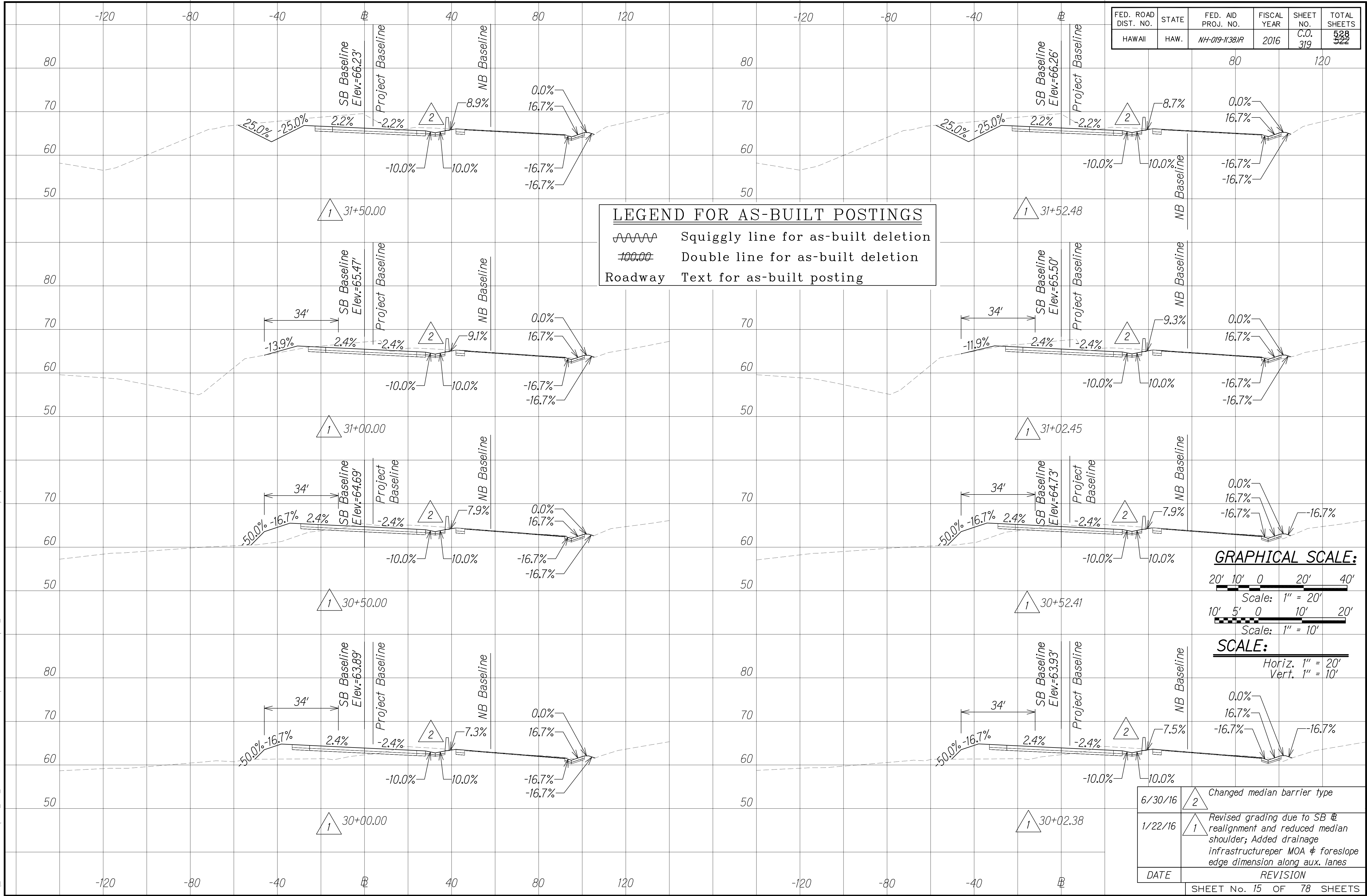
"AS-BUILT"

6/20/2016 10:29 AM

C.O. 318

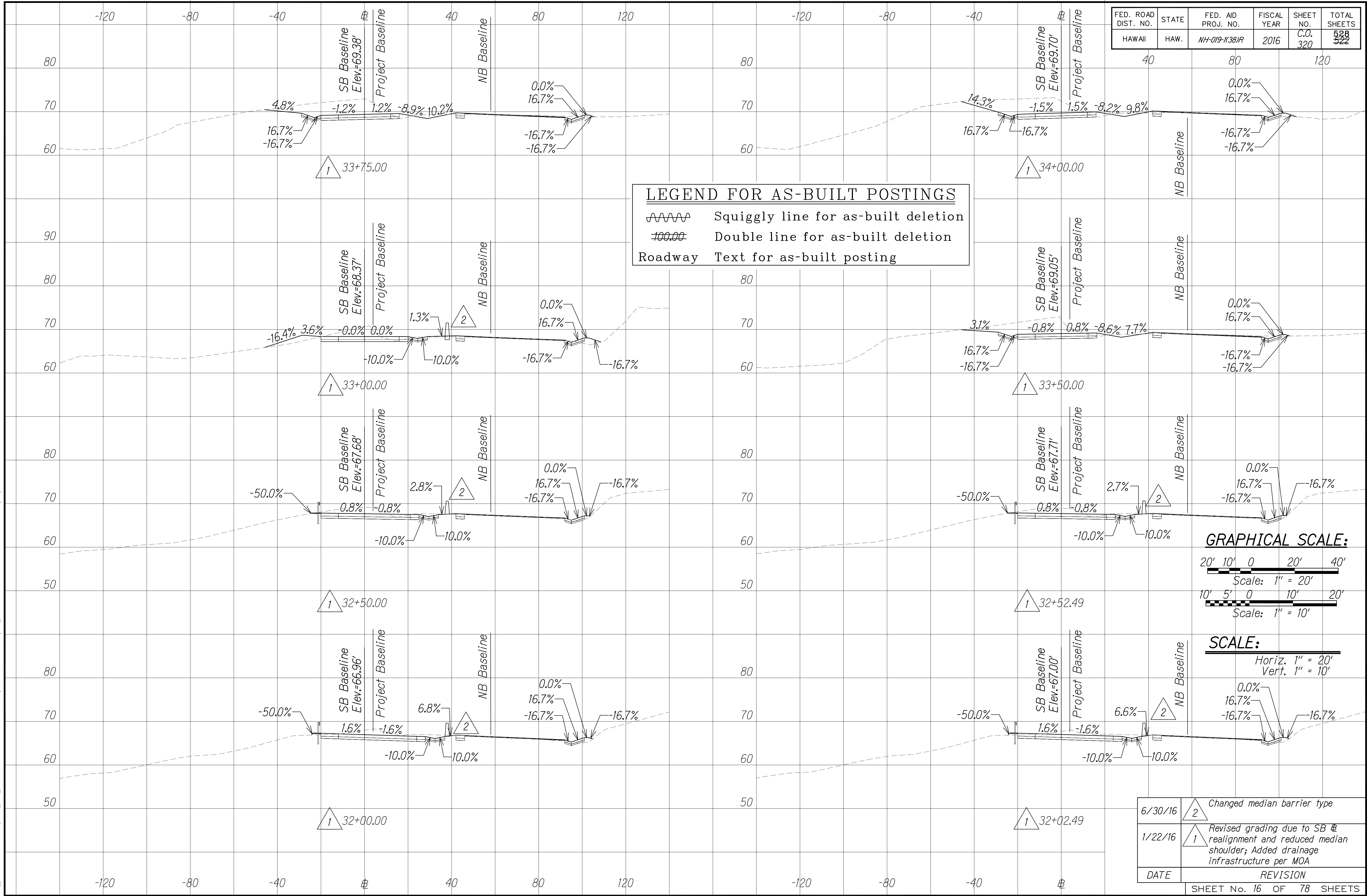
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
No.	CHECKED BY	

W:_CIVIL_3D_PROJECTS\2008_003_001_GBI_QUEEN_K_Hwy_WIDENING\01_CIVIL DRAWINGS\118_329_CROSS SECTIONS 14 TO 25.DWG 6/20/2016 10:32 AM



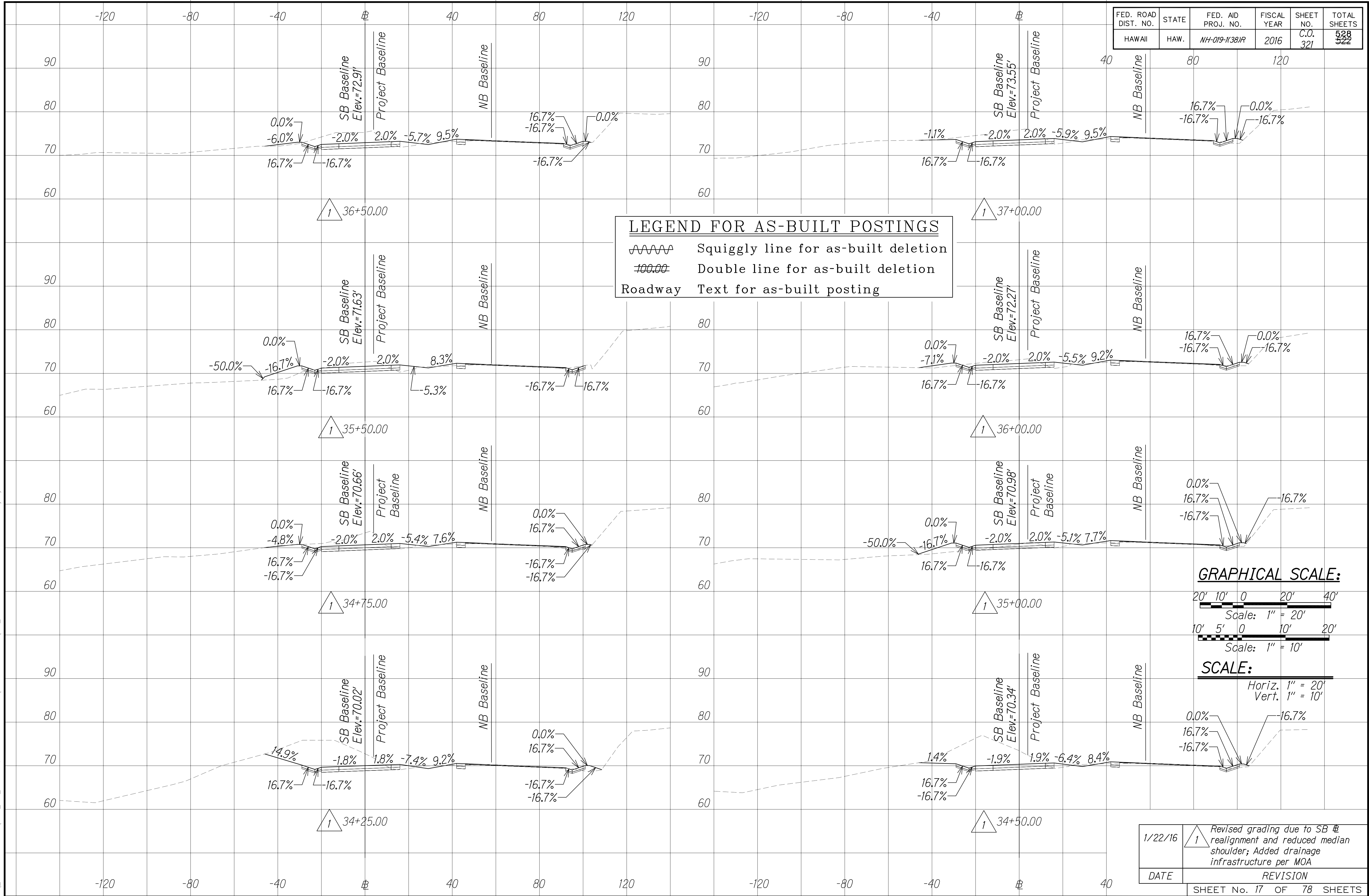
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

W:_CIVIL_3D\PROJECTS\2008_003_001_GBI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\118_329_CROSS_SECTIONS_14_TO_25.DWG 6/21/2016 5:26 PM



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	

W:_CIVIL_3D_PROJECTS\2008_003_001_GBI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\14_329_CROSS_SECTIONS\14_329_CROSS_SECTIONS_14_TO_25.DWG 6/20/2016 10:40 AM



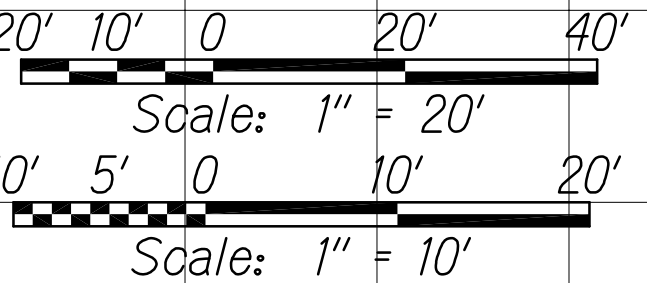
LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'

Vert. 1" = 10'

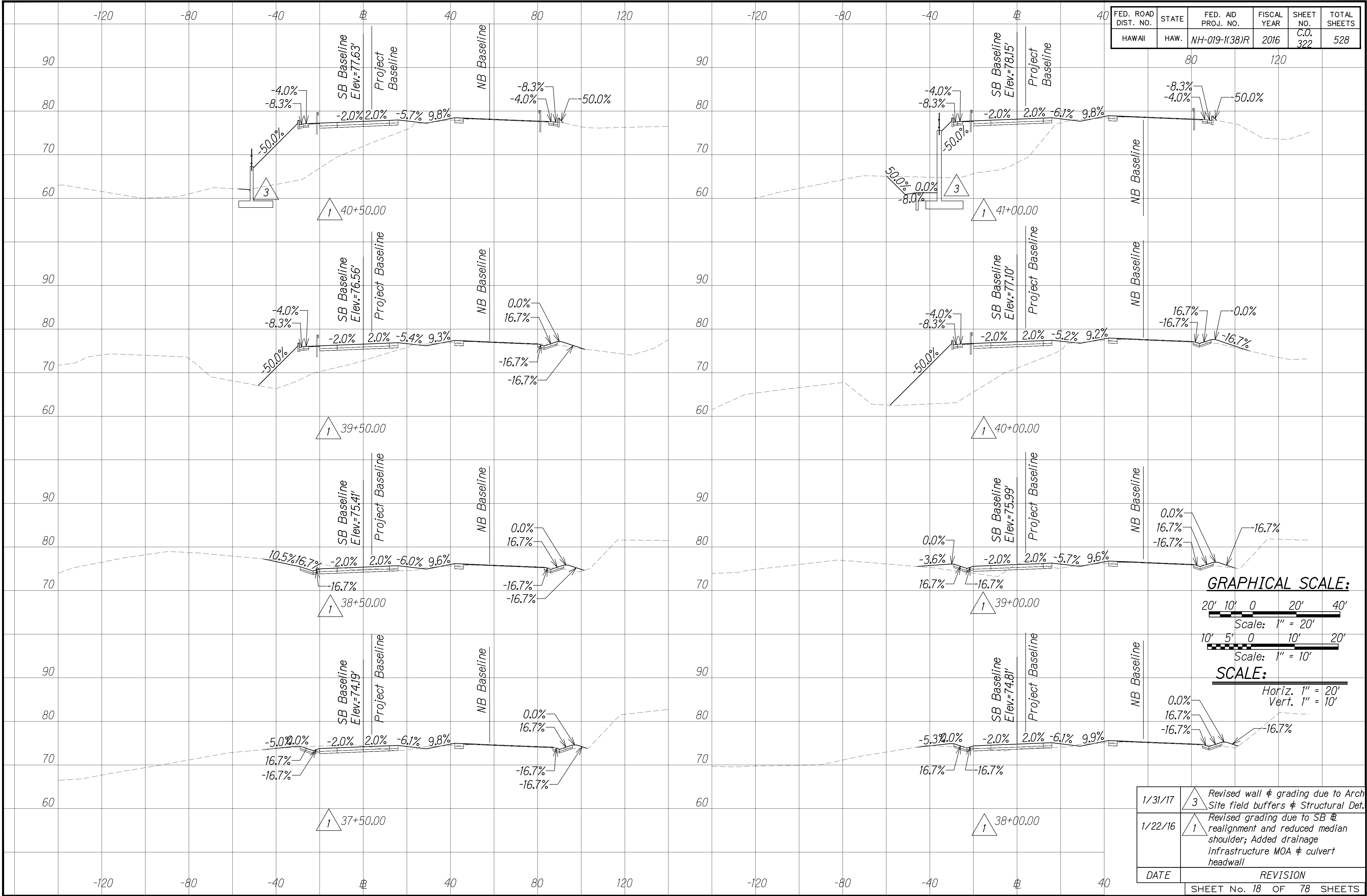
1/22/16	1	Revised grading due to SB # realignment and reduced median shoulder; Added drainage infrastructure per MOA
DATE	REVISION	
SHEET No. 17 OF 78 SHEETS		

"AS-BUILT"

C.O. 321

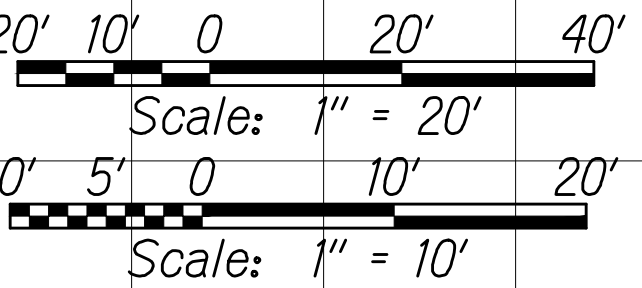
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
NOTE BOOK	CHECKED BY	

W:_CIVIL_3D_PROJECTS\2008_003_001_GBI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\14_TO_25.DWG 1/30/2017 7:05 PM



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(38)R	2016	C.O. 322	528

GRAPHICAL SCALE:



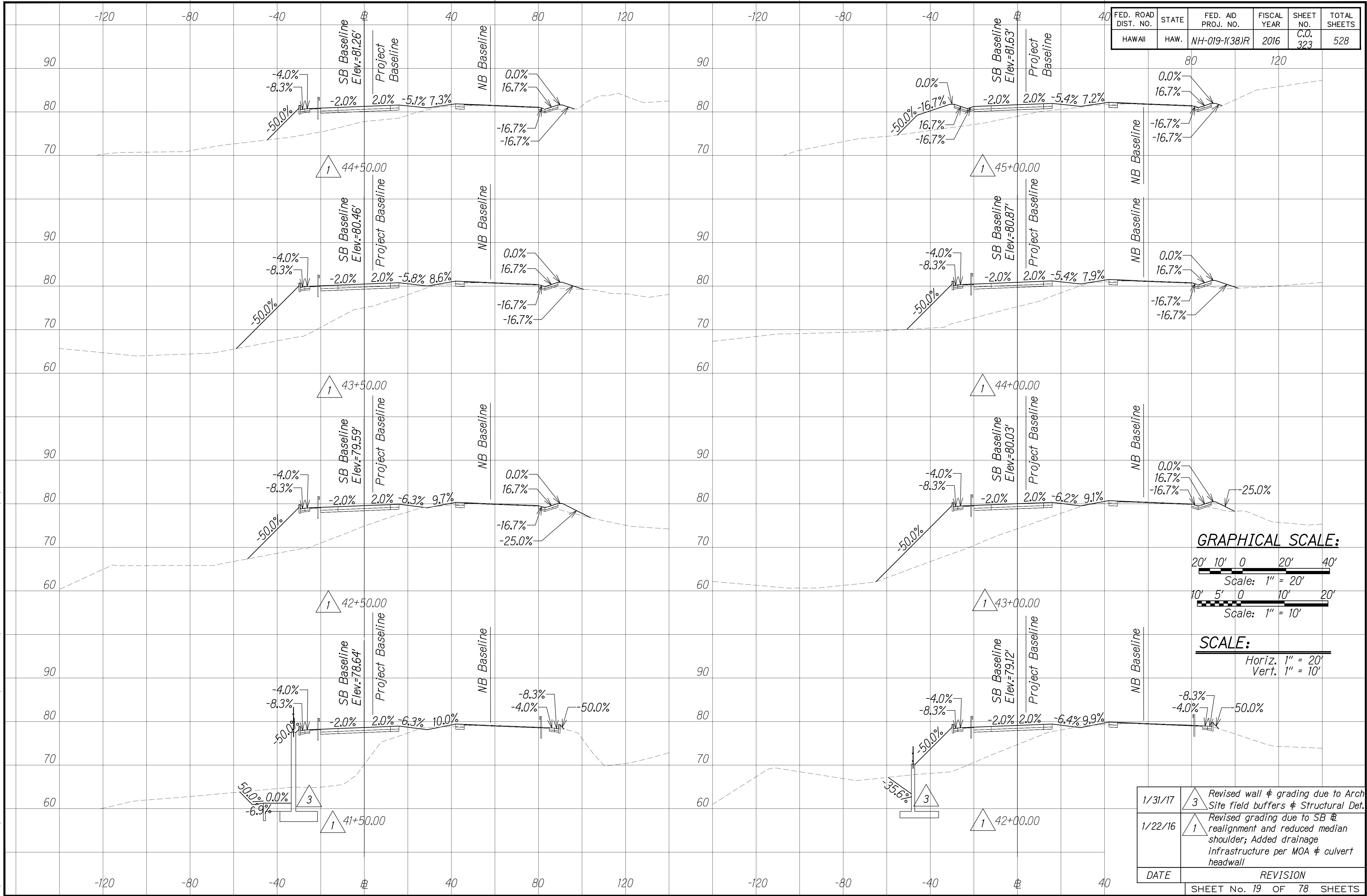
SCALE:

Horiz. 1" = 20'
Vert. 1" = 10'

1/31/17	3	Revised wall & grading due to Arch Site field buffers & Structural Det.
1/22/16	1	Revised grading due to SB & realignment and reduced median shoulder; Added drainage infrastructure MOA & culvert headwall
DATE	REVISION	
SHEET No. 18 OF 78 SHEETS		

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
NOTE BOOK	CHECKED BY	
	No.	

W:_CIVIL_3D_PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\14 TO 25.DWG 1/30/2017 7:28 PM

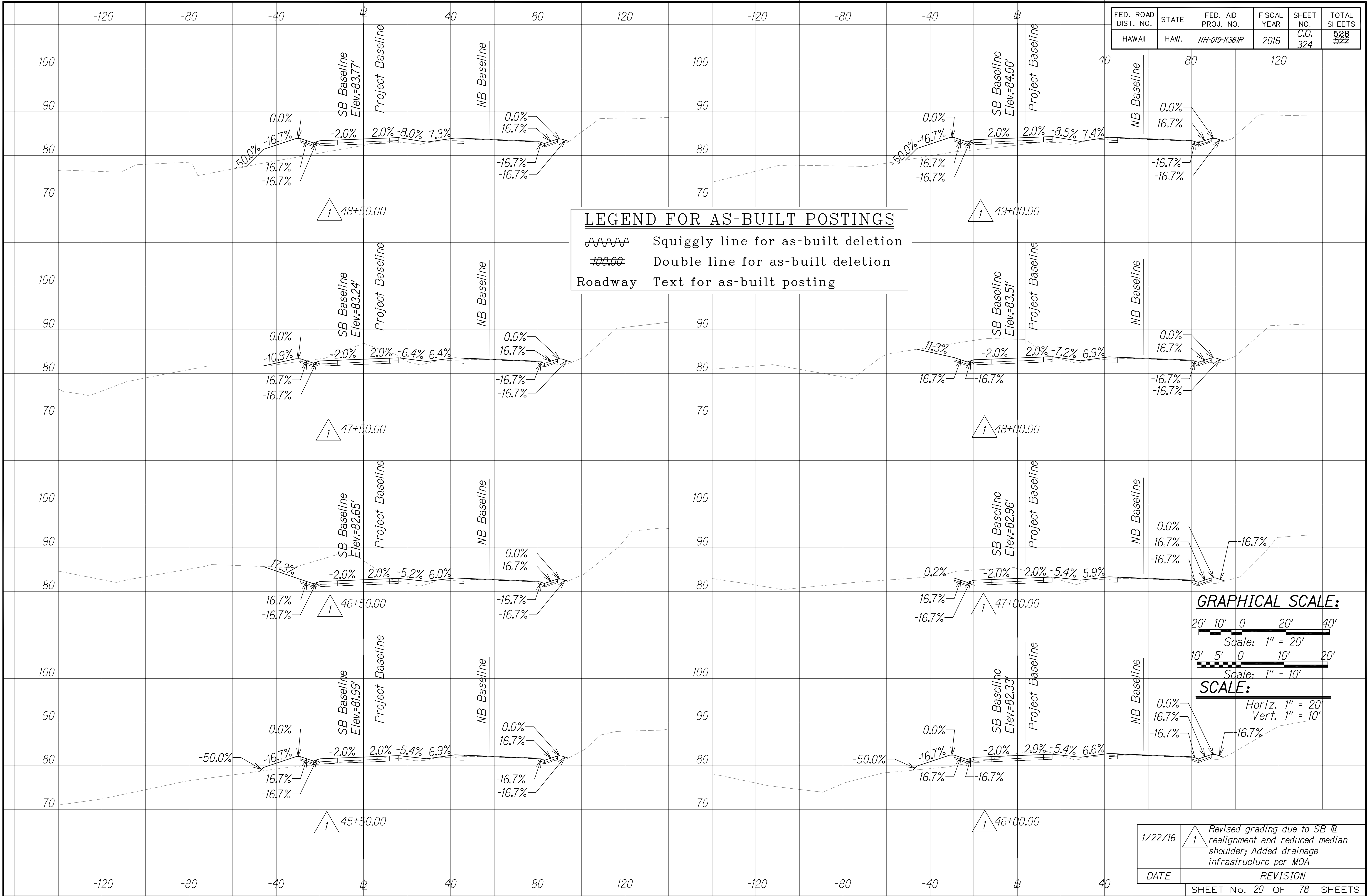


1/30/2017 7:31 PM

C.O. 323

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

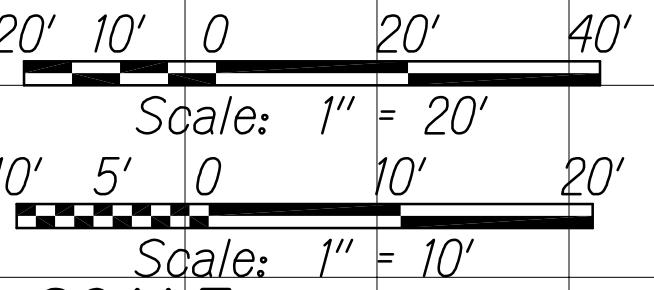
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LEGEND FOR AS-BUILT POSTINGS

~~~~~ Squiggly line for as-built deletion  
~~100.00~~ Double line for as-built deletion  
Roadway Text for as-built posting

**GRAPHICAL SCALE:**



**SCALE:**

Horiz. 1" = 20'  
Vert. 1" = 10'

|                           |              |                                                                                                            |
|---------------------------|--------------|------------------------------------------------------------------------------------------------------------|
| 1/22/16                   | <div>1</div> | Revised grading due to SB # realignment and reduced median shoulder; Added drainage infrastructure per MOA |
| DATE                      | REVISION     |                                                                                                            |
| SHEET No. 20 OF 78 SHEETS |              |                                                                                                            |

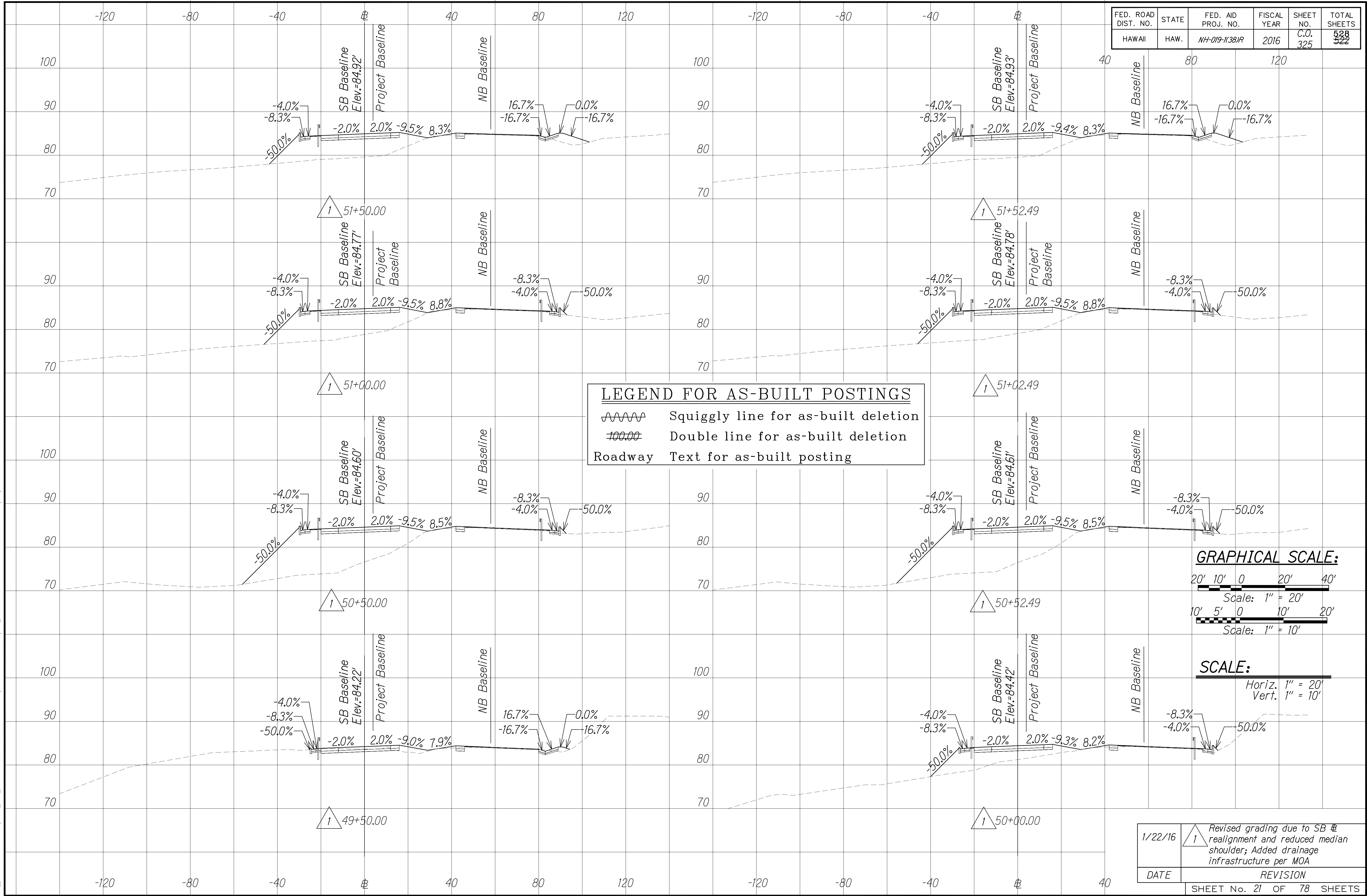
"AS-BUILT"

C.O. 324



|                  |                   |      |
|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
|                  | DESIGNED BY       |      |
|                  | TRACED BY         |      |
|                  | NOTED BY          |      |
| NOTE BOOK        | DESIGNED BY       |      |
|                  | TRACED BY         |      |
|                  | NOTED BY          |      |
|                  | QUANTITIES BY     |      |
| No.              | CHECKED BY        |      |
|                  |                   |      |

W:\\_CIVIL\_3D\_PROJECTS\2008\_003\_001 GBI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\118\_329 CROSS SECTIONS\14 TO 25.DWG 6/20/2016 11:02 AM



|                        |       |                       |                |              |                 |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| FED. ROAD<br>DIST. NO. | STATE | FED. AID<br>PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
| HAWAII                 | HAW.  | NH-019-1(38)R         | 2016           | C.O.<br>325  | 528<br>522      |

|                           |                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------|
| 1/22/16                   | Revised grading due to SB # realignment and reduced median shoulder; Added drainage infrastructure per MOA |
| DATE                      | REVISION                                                                                                   |
| SHEET No. 21 OF 78 SHEETS |                                                                                                            |

"AS-BUILT"

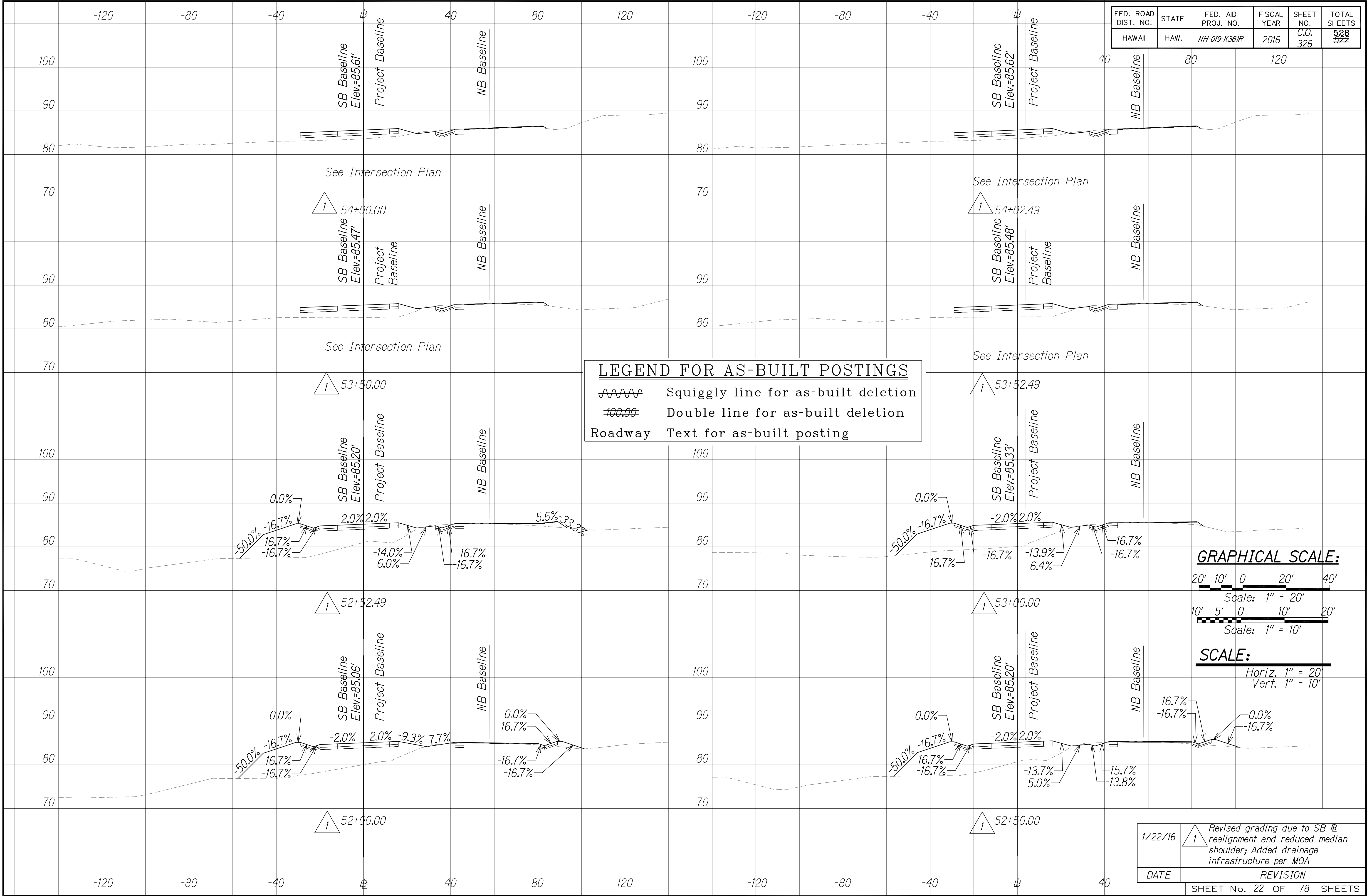
6/20/2016 11:02 AM

C.O. 325



|               |                   |      |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK     | DESIGNED BY       |      |
| No.           | QUANTITIES BY     |      |
|               | CHECKED BY        |      |

W:\\_CIVIL\_3D\_PROJECTS\2008\_003\_001\_GBI\_QUEEN\_K\_Hwy\_WIDENING\01\_CIVIL\_DRAWINGS\118\_329\_CROSS\_SECTIONS\14\_TO\_25.DWG 6/20/2016 11:04 AM



"AS-BUILT"

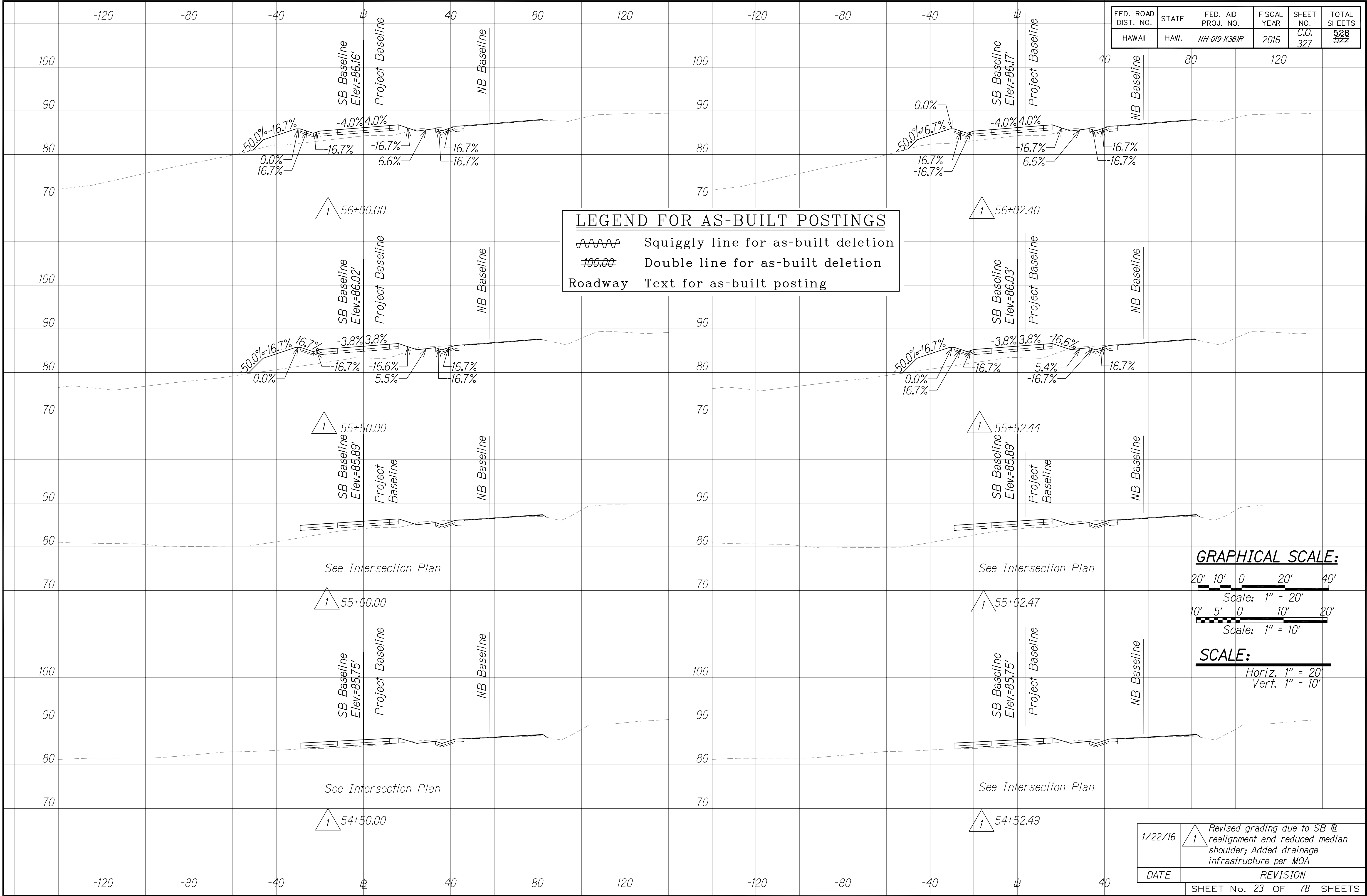
6/20/2016 11:05 AM

C.O. 326



|                  |                   |      |
|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
|                  | DESIGNED BY       |      |
|                  | NOTED BY          |      |
|                  | CHECKED BY        |      |
| NOTE BOOK        | DESIGNED BY       |      |
|                  | NOTED BY          |      |
|                  | CHECKED BY        |      |
|                  | QUANTITIES BY     |      |
| No.              |                   |      |

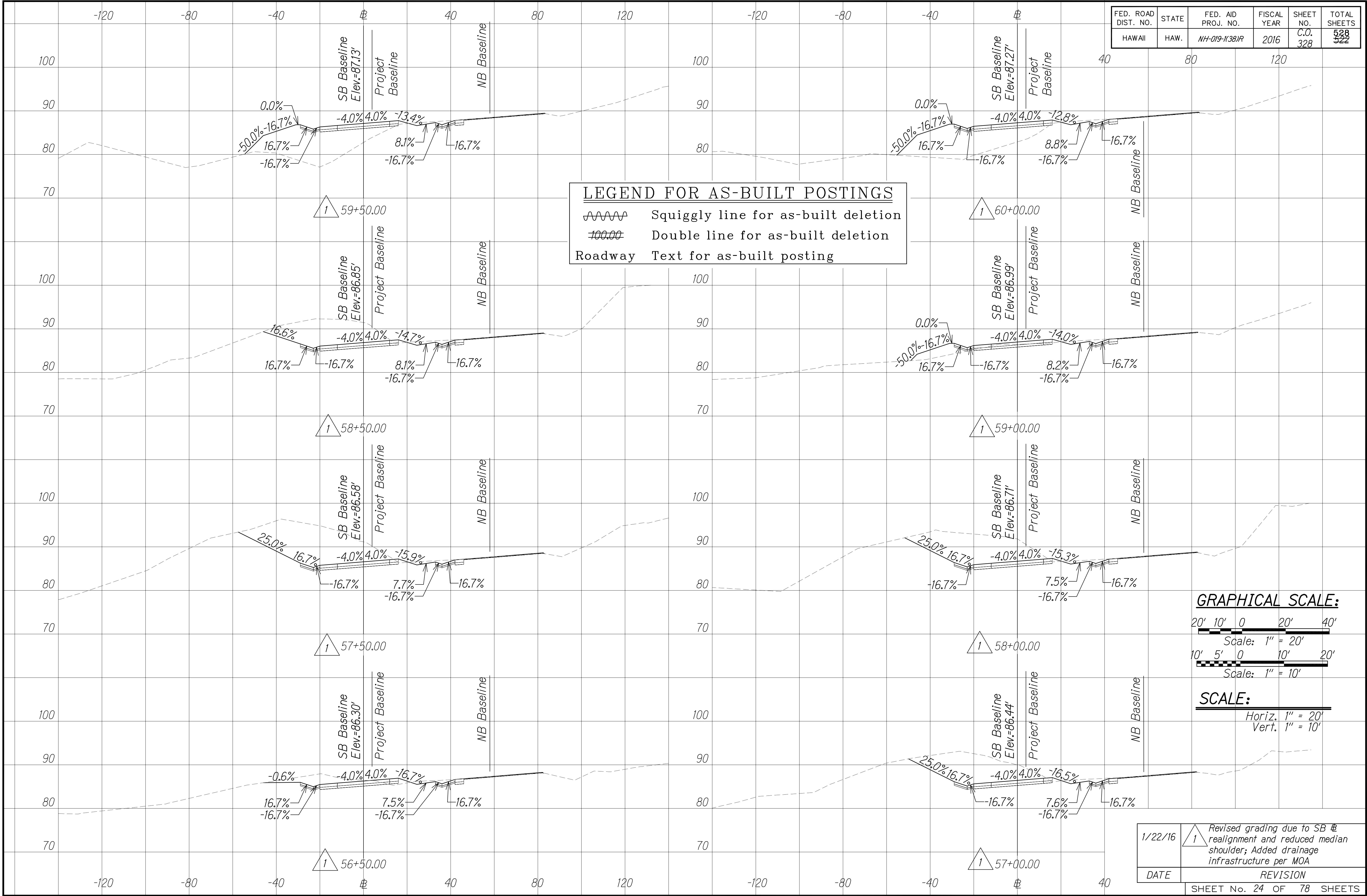
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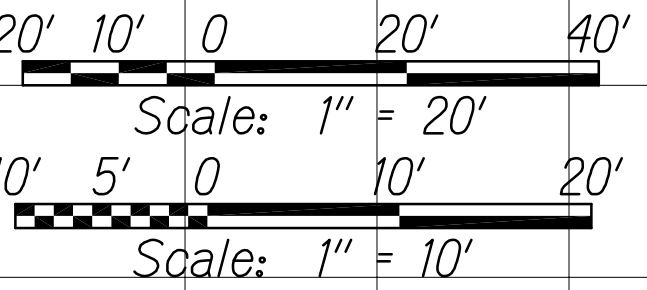
|               |                   |      |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK     | DESIGNED BY       |      |
| No.           | QUANTITIES BY     |      |
|               | CHECKED BY        |      |

W:\\_CIVIL\_3D\_PROJECTS\2008\_003\_001\_GBI\_QUEEN\_K\_Hwy\_WIDENING\01\_CIVIL DRAWINGS\01\_CIVIL DRAWINGS\14 TO 25.DWG 6/20/2016 2:44 PM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-1(38)R      | 2016        | C.O. 328  | 528 522      |

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'  
Vert. 1" = 10'

|                           |                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------|
| 1/22/16                   | Revised grading due to SB @ realignment and reduced median shoulder; Added drainage infrastructure per MOA |
| DATE                      | REVISION                                                                                                   |
| SHEET No. 24 OF 78 SHEETS |                                                                                                            |

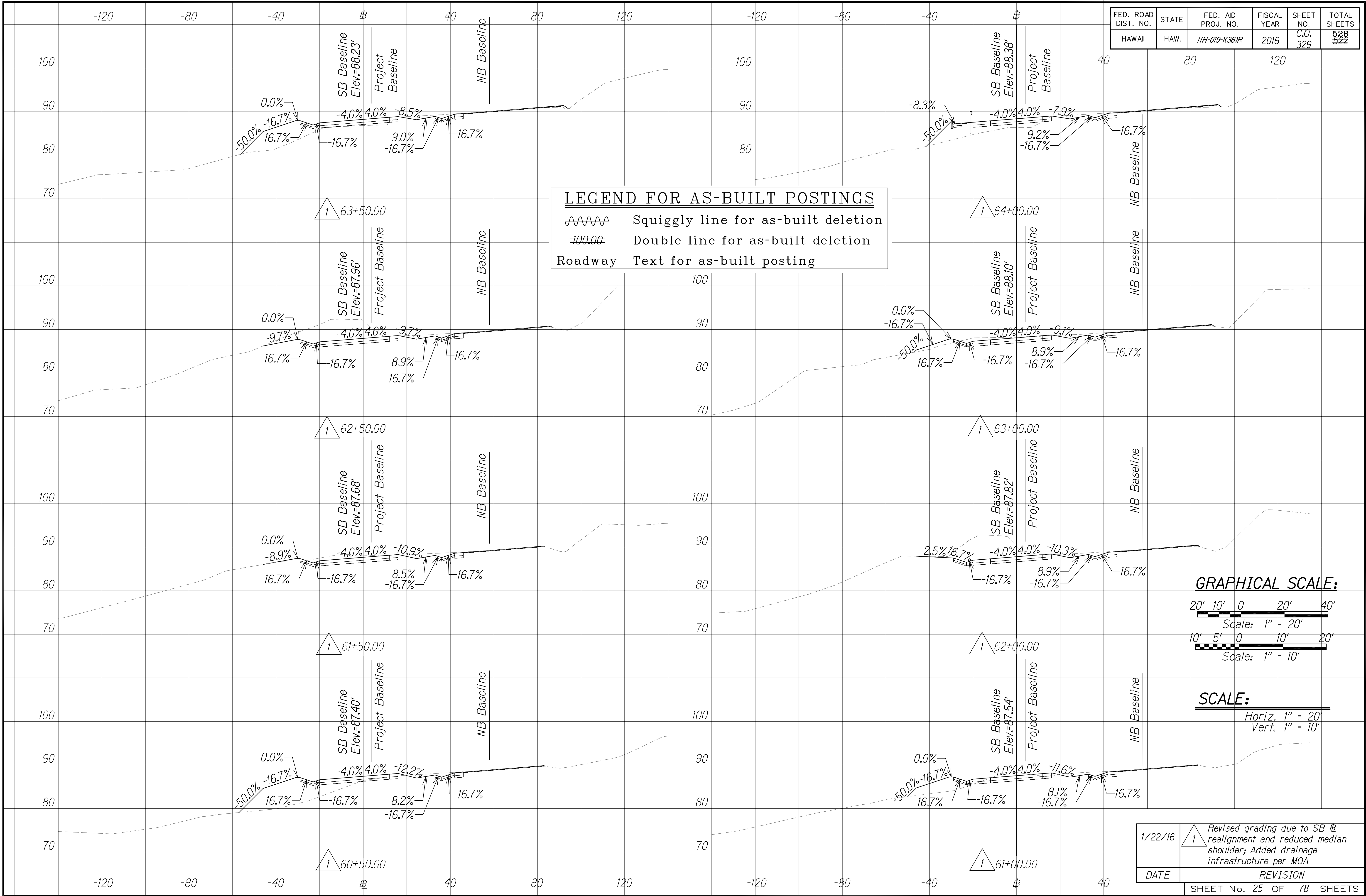
"AS-BUILT"

C.O. 328



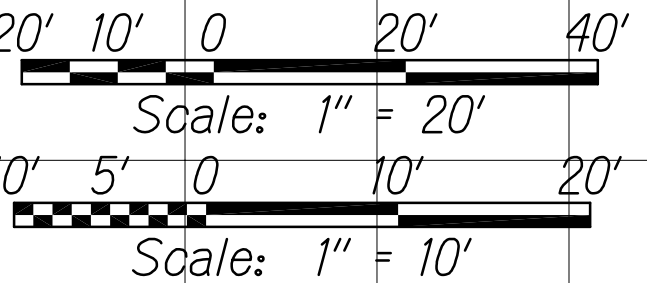
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|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
|                  | DESIGNED BY       |      |
|                  | TRACED BY         |      |
|                  | NOTED BY          |      |
| NOTE BOOK        | DESIGNED BY       |      |
|                  | TRACED BY         |      |
|                  | NOTED BY          |      |
|                  | CHECKED BY        |      |
| No.              |                   |      |

W:\\_CIVIL\_3D\_PROJECTS\2008\_003\_001\_GBI\_QUEEN\_K\_Hwy\_WIDENING\01\_CIVIL DRAWINGS\14\_329\_CROSS SECTIONS 14 TO 25.DWG 6/20/2016 2:47 PM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-1(38)R      | 2016        | C.O. 329  | 528 522      |

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'  
Vert. 1" = 10'

|                           |              |                                                                                                            |
|---------------------------|--------------|------------------------------------------------------------------------------------------------------------|
| 1/22/16                   | <div>1</div> | Revised grading due to SB # realignment and reduced median shoulder; Added drainage infrastructure per MOA |
| DATE                      | REVISION     |                                                                                                            |
| SHEET No. 25 OF 78 SHEETS |              |                                                                                                            |

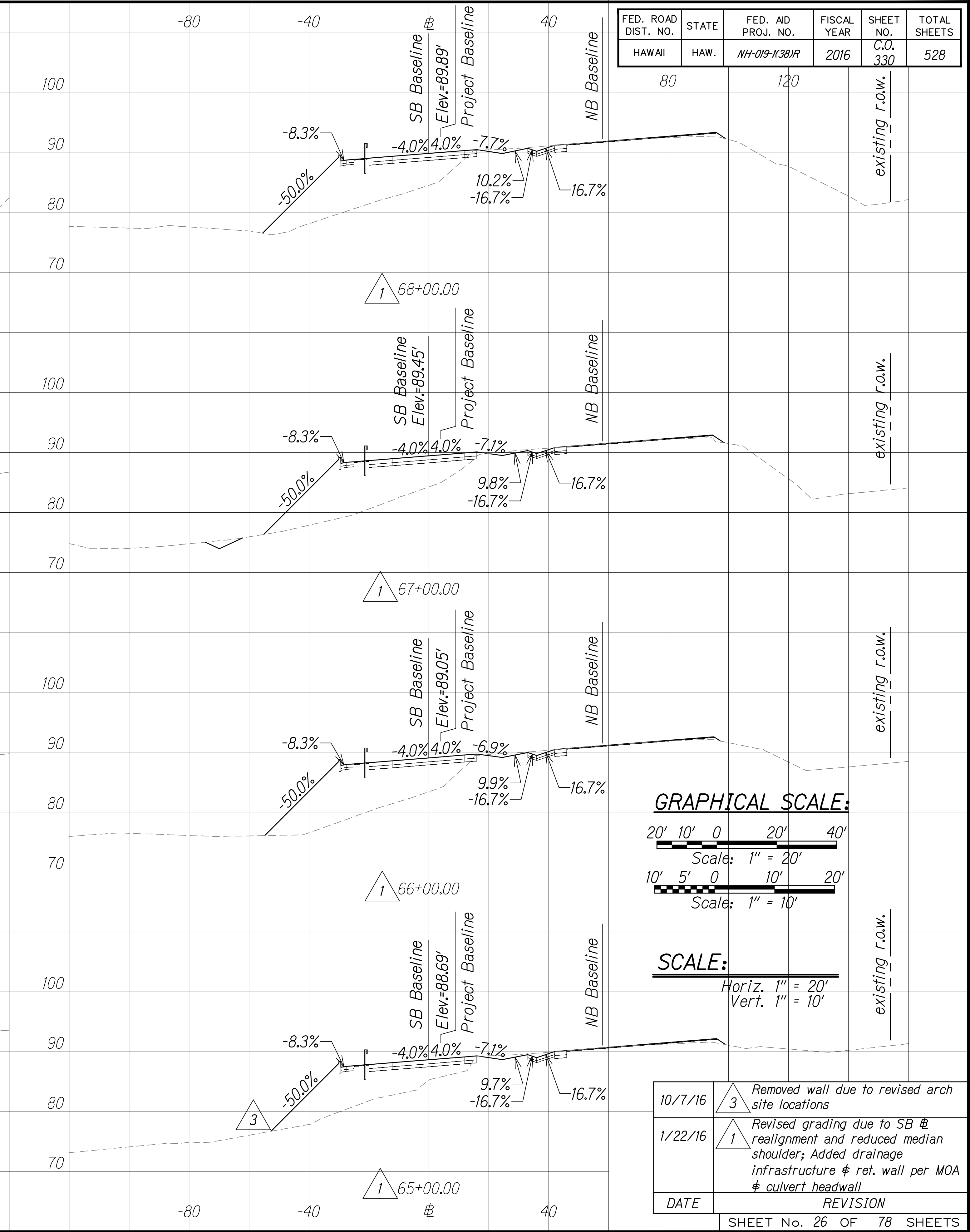
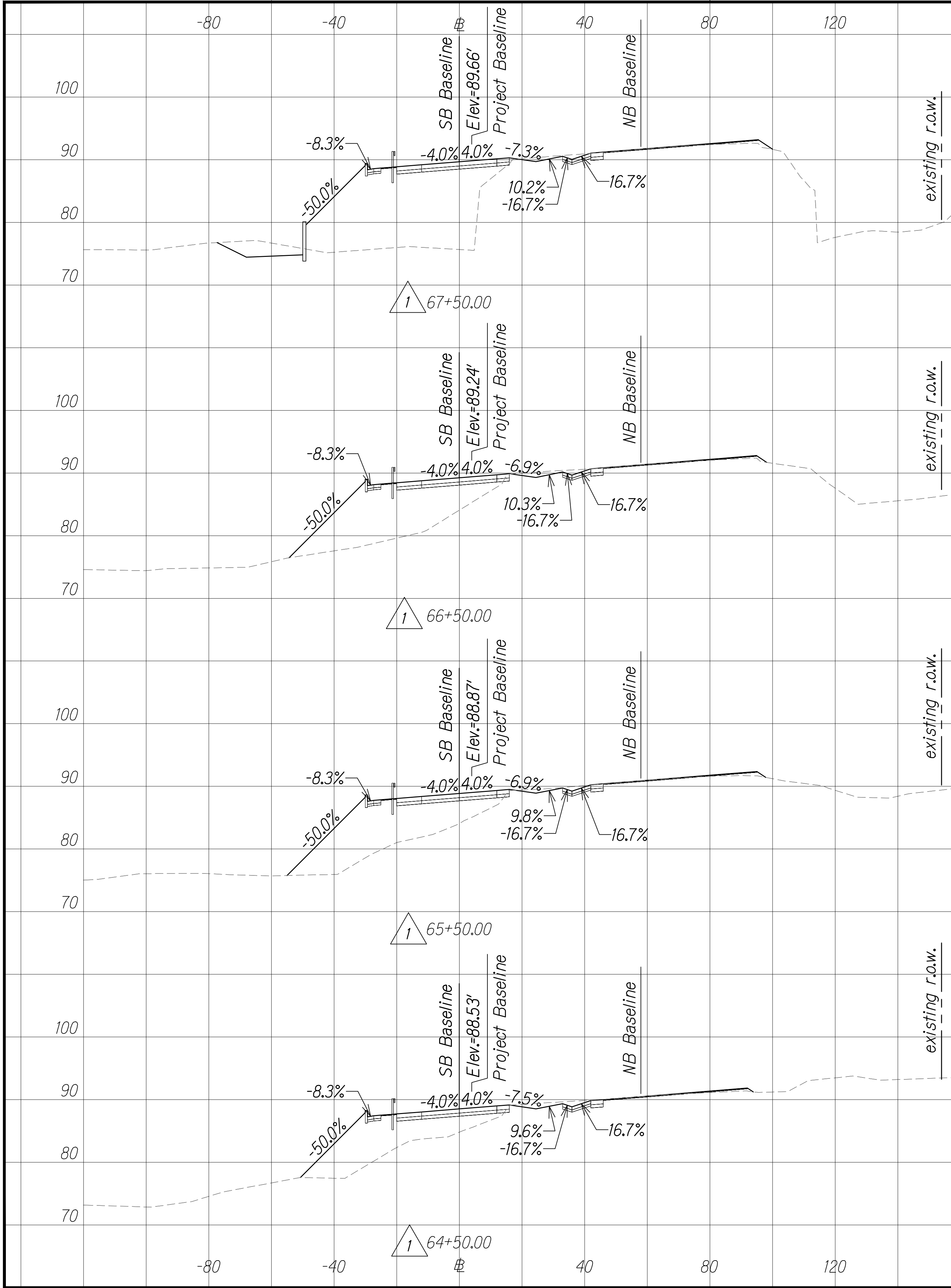
"AS-BUILT"

C.O. 329



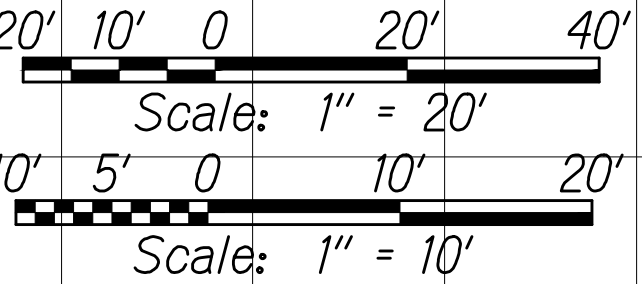
|                  |                                      |  |
|------------------|--------------------------------------|--|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY: _____ DATE: _____ |  |
|                  | DRAWN BY: _____                      |  |
| NOTE BOOK        | DESIGNED BY: _____                   |  |
|                  | QUANTITIES BY: _____                 |  |
| No. _____        | CHECKED BY: _____                    |  |

W:\\_CIVIL 3D PROJECTS\2008\_003\_001 GBI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\330\_341 CROSS SECTIONS 26 TO 37.DWG 10/11/2016 1:34 PM



|                        |       |                       |                |              |                 |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| FED. ROAD<br>DIST. NO. | STATE | FED. AID<br>PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
| HAWAII                 | HAW.  | NH-019-1(38)R         | 2016           | C.O.<br>330  | 528             |

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'  
Vert. 1" = 10'

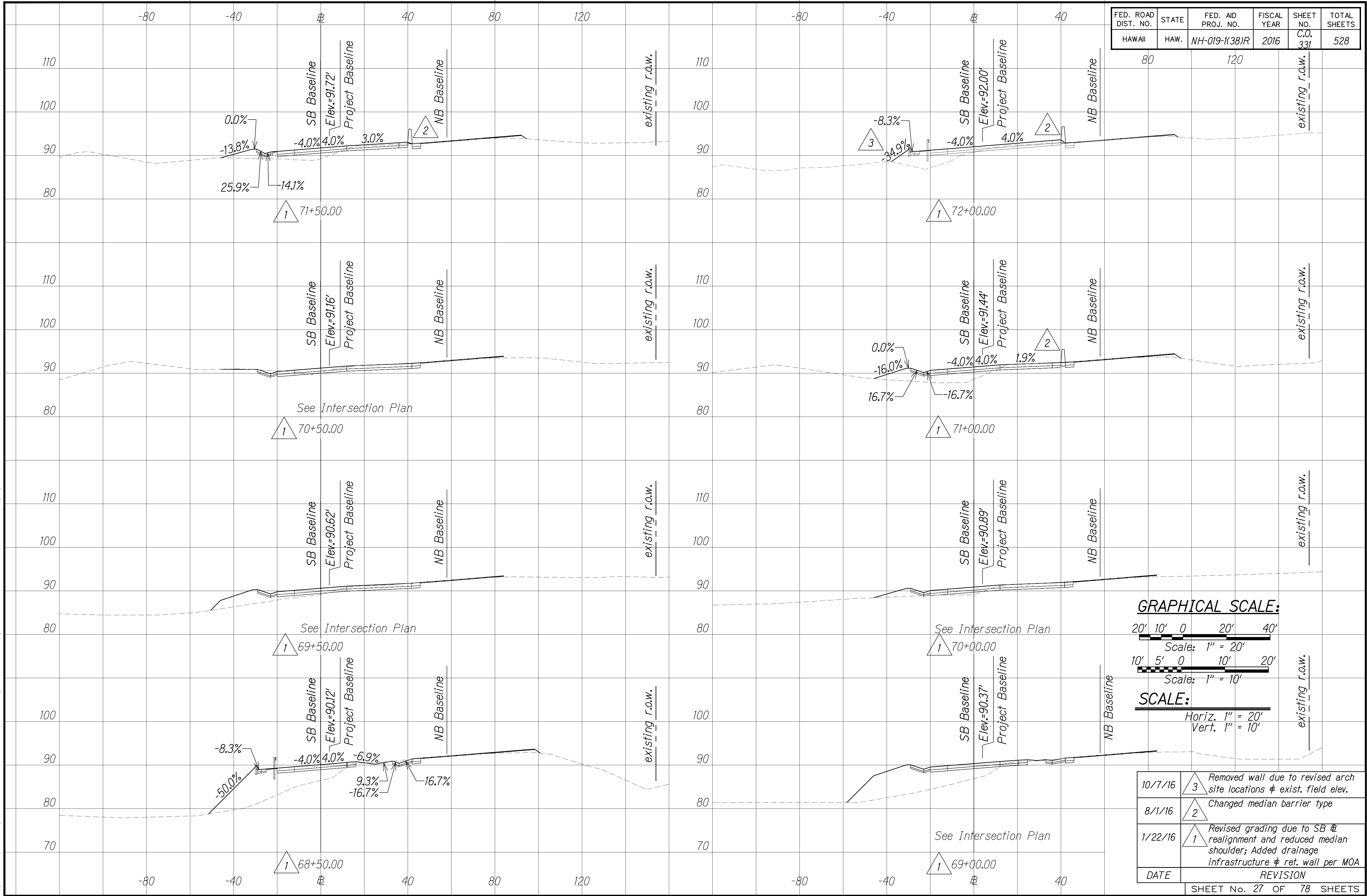
|                           |                         |                                                                                                                                                                               |
|---------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10/7/16                   | <div><div>3</div></div> | Removed wall due to revised arch site locations                                                                                                                               |
| 1/22/16                   | <div><div>1</div></div> | Revised grading due to SB <del>to</del> realignment and reduced median shoulder; Added drainage infrastructure <del>to</del> ret. wall per MOA <del>to</del> culvert headwall |
| DATE                      | REVISION                |                                                                                                                                                                               |
| SHEET No. 26 OF 78 SHEETS |                         |                                                                                                                                                                               |

C.O. 330



|                  |                   |      |
|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
|                  | DRAWN BY          |      |
|                  | DESIGNED BY       |      |
|                  | CHECKED BY        |      |
| NOTE BOOK        | QUANTITIES BY     |      |
|                  |                   |      |
|                  |                   |      |
|                  |                   |      |

W:\\_CIVIL\_3D\_PROJECTS\2008\_003\_001\_GBI\_QUEEN\_K\_HWY\_WIDENING\01\_CIVIL\_DRAWINGS\330\_341\_CROSS SECTIONS 26 TO 37.DWG 10/18/2016 5:46 PM



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-019-1(38)R      | 2016        | C.O. 331  | 528          |

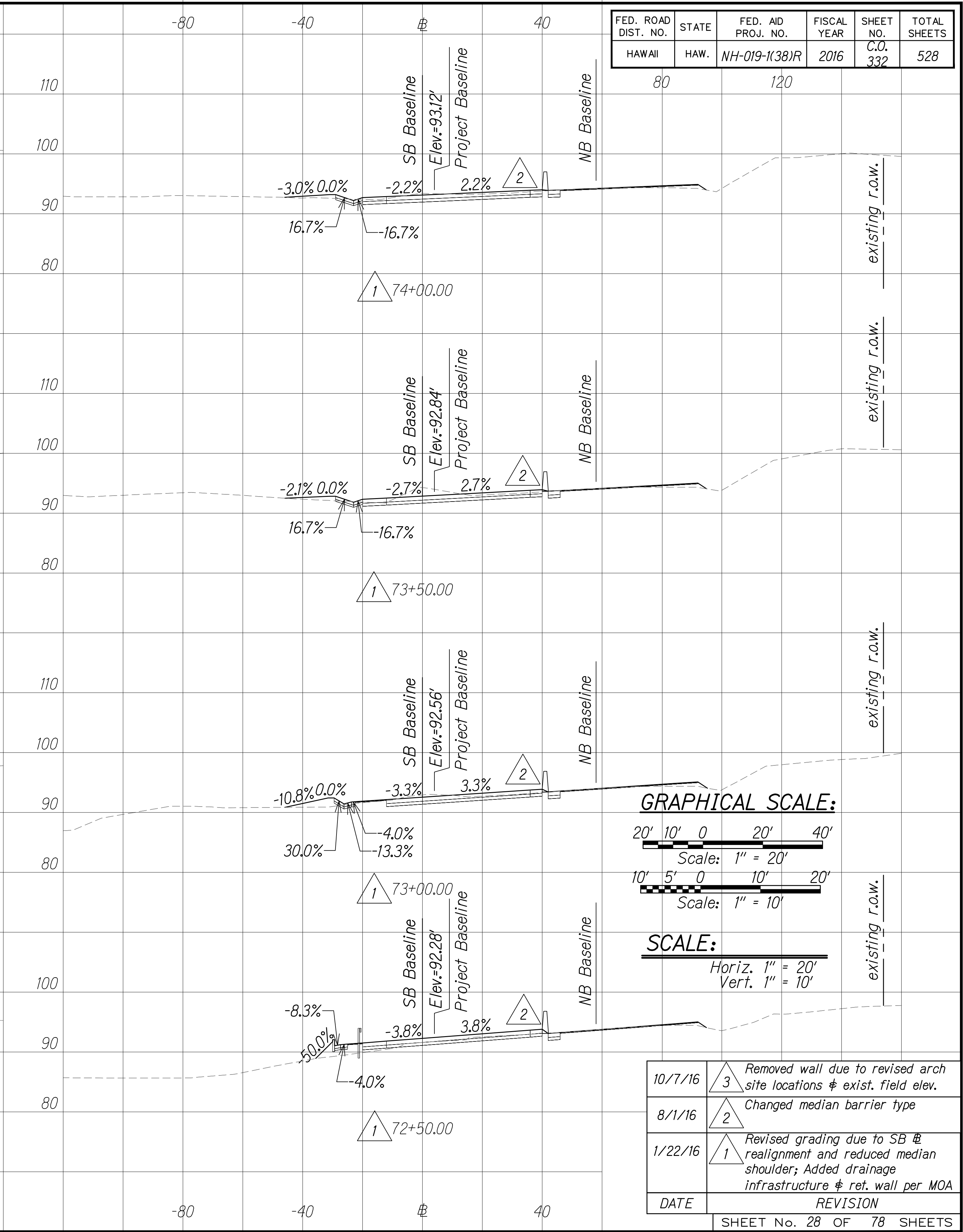
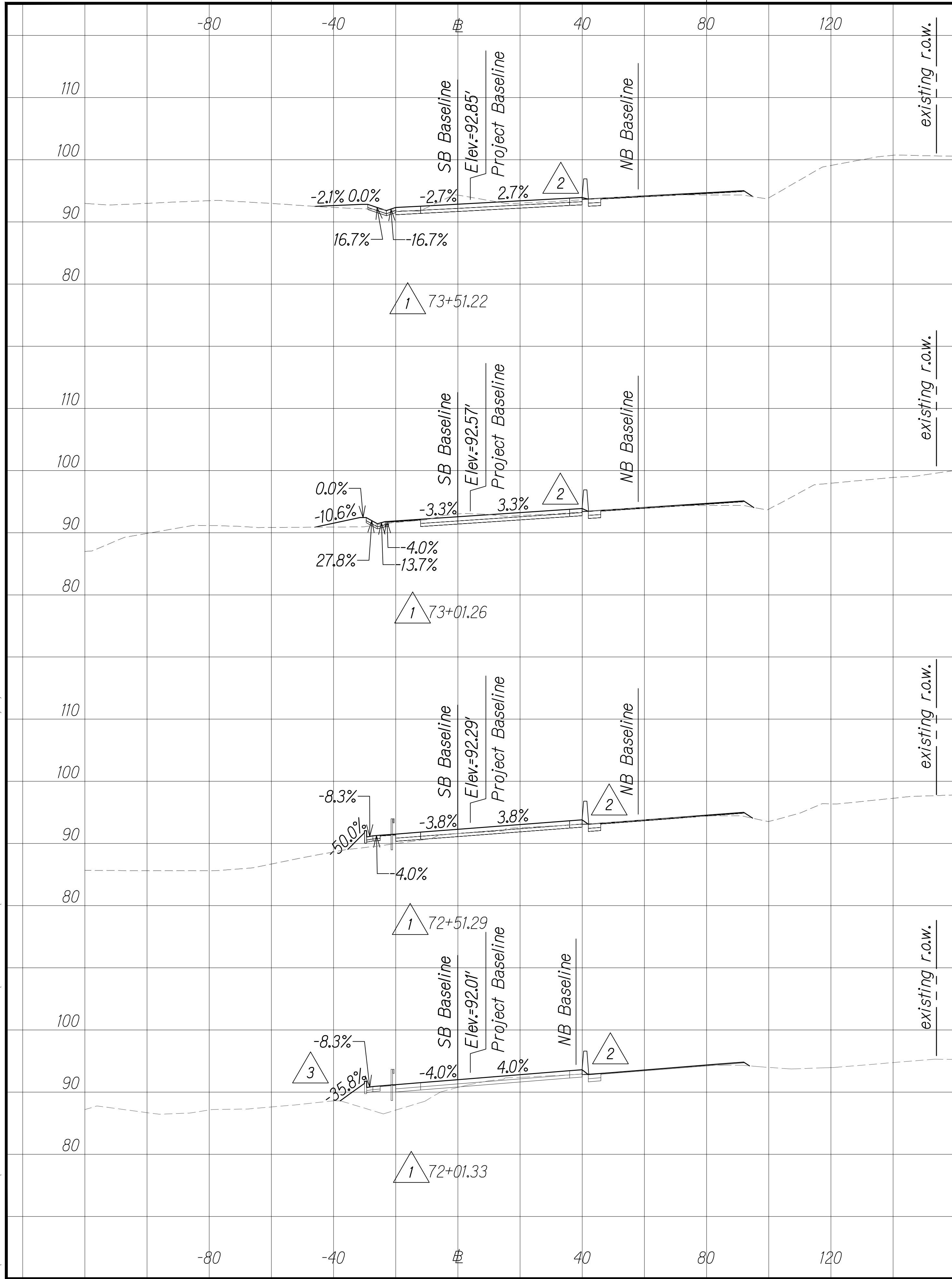
10/19/2016 1:33 PM

C.O. 331



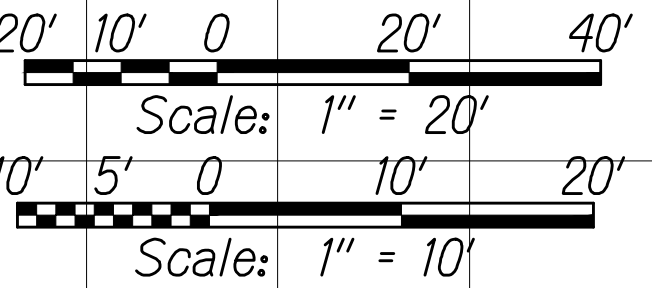
|                                      |                   |      |
|--------------------------------------|-------------------|------|
| ORIGINAL<br>PLAN<br>NOTE BOOK<br>No. | SURVEY PLOTTED BY | DATE |
|                                      | DRAWN BY          |      |
|                                      | DESIGNED BY       |      |
|                                      | QUANTITIES BY     |      |
|                                      | CHECKED BY        |      |

W:\\_CIVIL\_3D\PROJECTS\2008\_003\_001\_GEI QUEEN K HWY WIDENING\01\_CIVIL DRAWINGS\330\_341\_CROSS SECTIONS 26 TO 37.DWG 10/18/2016 5:46 PM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-1(38)R      | 2016        | C.O. 332  | 528          |

GRAPHICAL SCALE:



SCALE:

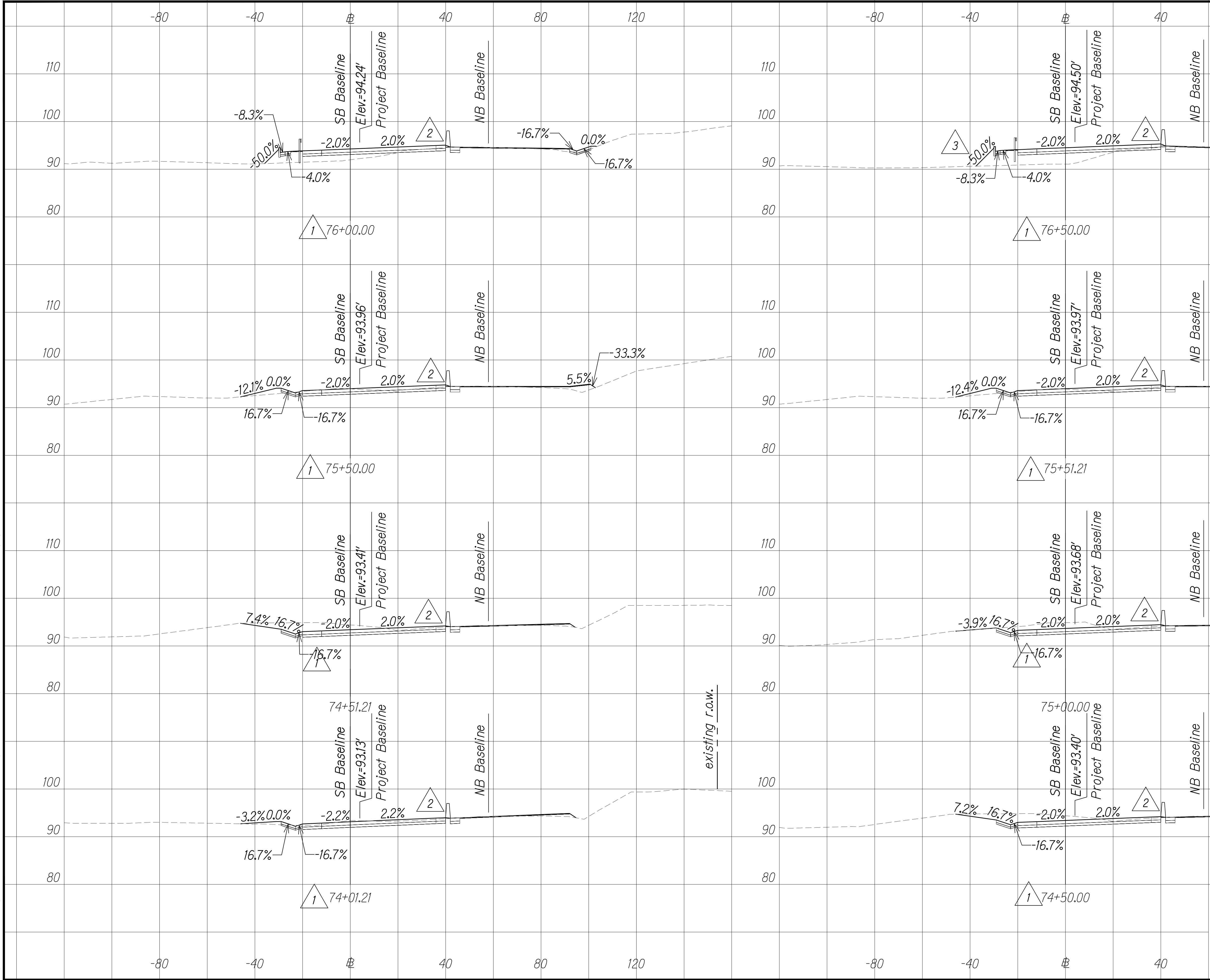
Horiz. 1" = 20'  
Vert. 1" = 10'

|                           |              |                                                                                                                        |
|---------------------------|--------------|------------------------------------------------------------------------------------------------------------------------|
| 10/7/16                   | <div>3</div> | Removed wall due to revised arch site locations & exist. field elev.                                                   |
| 8/1/16                    | <div>2</div> | Changed median barrier type                                                                                            |
| 1/22/16                   | <div>1</div> | Revised grading due to SB & realignment and reduced median shoulder; Added drainage infrastructure & ref. wall per MOA |
| DATE                      | REVISION     |                                                                                                                        |
| SHEET No. 28 OF 78 SHEETS |              |                                                                                                                        |



|                         |                   |      |
|-------------------------|-------------------|------|
| ORIGINAL<br>PLAN<br>No. | SURVEY PLOTTED BY | DATE |
|                         | DESIGNED BY       |      |
|                         | NOTED BY          |      |
|                         | CHECKED BY        |      |

W:\\_CIVIL\_3D PROJECTS\2008\_003\_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\330\_341 CROSS SECTIONS 26 TO 37.DWG 10/11/2016 2:20 PM



|                        |       |                       |                |              |                 |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| FED. ROAD<br>DIST. NO. | STATE | FED. AID<br>PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
| HAWAII                 | HAW.  | NH-019-K381R          | 2016           | C.O.<br>333  | 528             |

GRAPHICAL SCALE:

20' 10' 0 20' 40'

Scale: 1" = 20'

10' 5' 0 10' 20'

Scale: 1" = 10'

SCALE:

Horiz. 1" = 20'

Vert. 1" = 10'

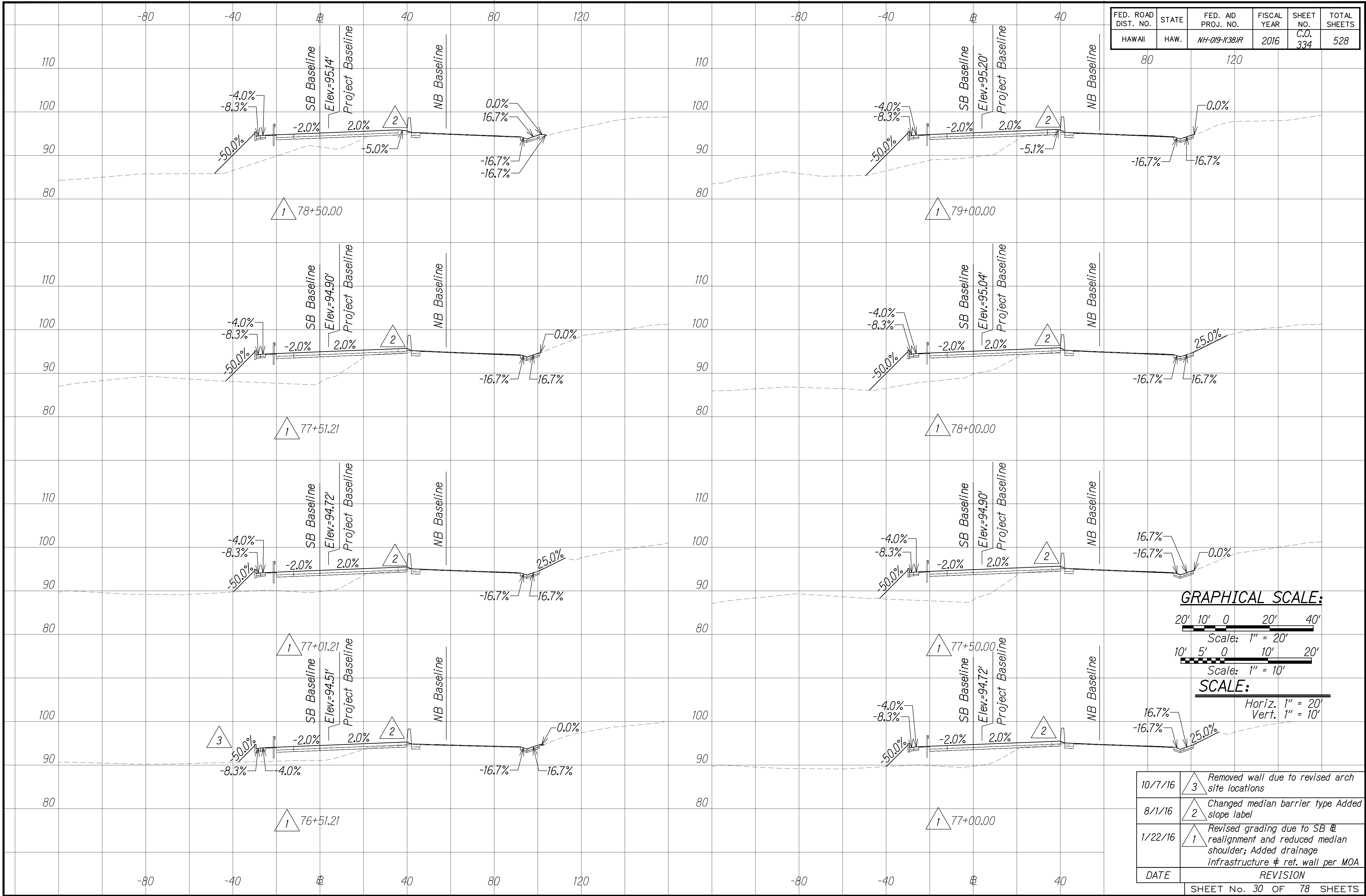
|                           |                         |                                                                                                                        |
|---------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------|
| 10/7/16                   | <div><div>3</div></div> | Removed wall due to revised arch site locations                                                                        |
| 8/1/16                    | <div><div>2</div></div> | Changed median barrier type                                                                                            |
| 1/22/16                   | <div><div>1</div></div> | Revised grading due to SB # realignment and reduced median shoulder; Added drainage infrastructure & ref. wall per MOA |
| DATE                      | REVISION                |                                                                                                                        |
| SHEET No. 29 OF 78 SHEETS |                         |                                                                                                                        |

C.O. 333



|                        |                                    |  |
|------------------------|------------------------------------|--|
| ORIGINAL<br>PLAN       | SURVEY PLOTTED BY _____ DATE _____ |  |
|                        | DESIGNED BY _____                  |  |
| NOTE BOOK<br>No. _____ | CHECKED BY _____                   |  |
|                        | QUANTITIES BY _____                |  |

W:\\_CIVIL\_3D PROJECTS\2008\_003\_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\330\_341 CROSS SECTIONS 26 TO 37.DWG 10/11/2016 2:24 PM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-K381R       | 2016        | C.O. 334  | 528          |

**GRAPHICAL SCALE:**  
20' 10' 0 20' 40'  
Scale: 1" = 20'  
10' 5' 0 10' 20'  
Scale: 1" = 10'  
**SCALE:**  
Horiz. 1" = 20'  
Vert. 1" = 10'

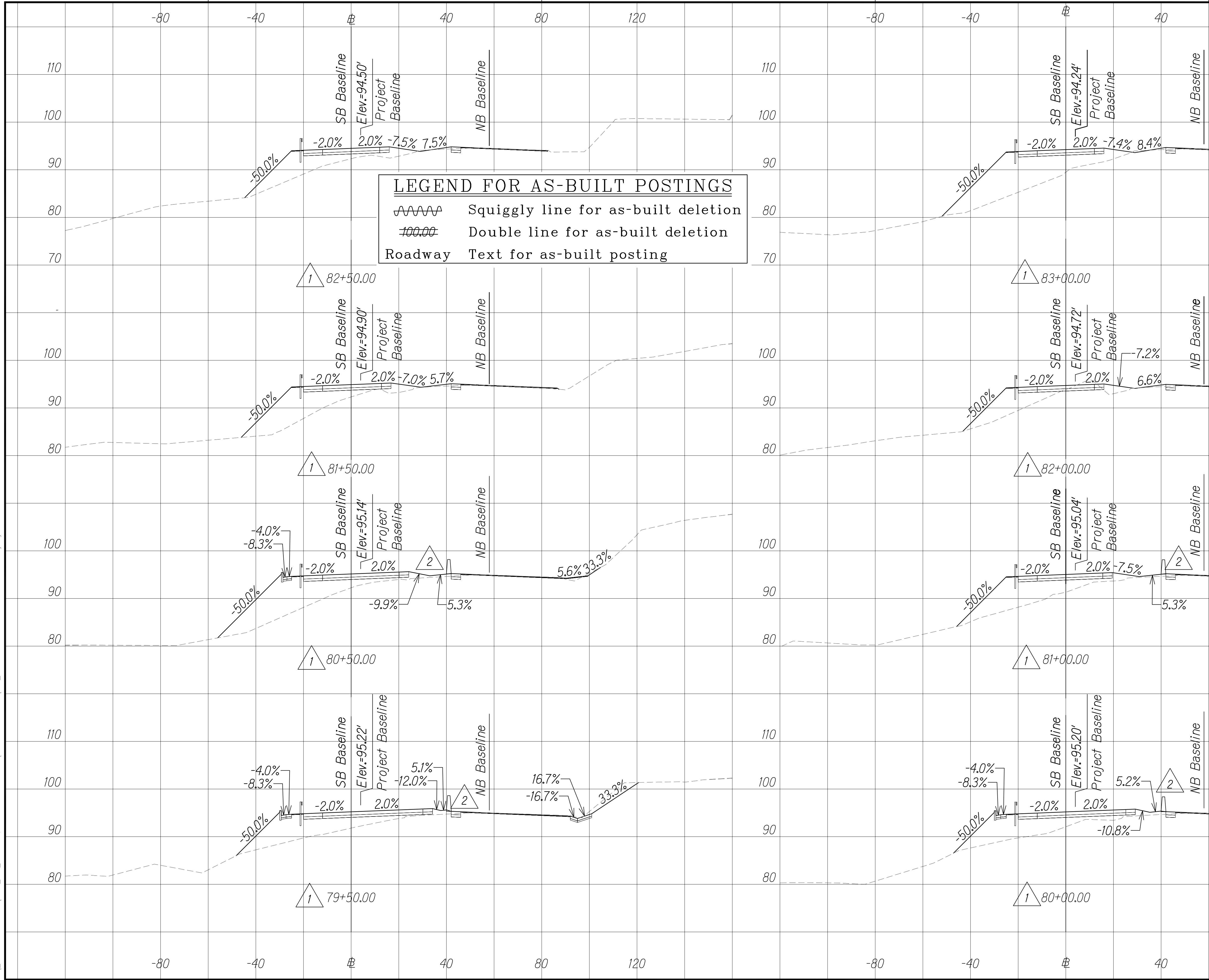
|         |                                                                                       |                                                                                                                        |
|---------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 10/7/16 |  | Removed wall due to revised arch site locations                                                                        |
| 8/1/16  |  | Changed median barrier type Added slope label                                                                          |
| 1/22/16 |  | Revised grading due to SB # realignment and reduced median shoulder; Added drainage infrastructure & ref. wall per MOA |
| DATE    | REVISION                                                                              |                                                                                                                        |

C.O. 334



|                  |                   |  |      |
|------------------|-------------------|--|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY |  | DATE |
|                  | DESIGNED BY       |  |      |
| NOTE BOOK        | CHECKED BY        |  |      |
|                  | QUANTITIES BY     |  |      |
| No.              |                   |  |      |

W:\\_CIVIL\_3D\PROJECTS\2008\_003\_001\_GBI\_QUEEN\_K\_HWY\_WIDENING\01\_CIVIL DRAWINGS\330\_339\_CROSS SECTIONS 26 TO 35.DWG 6/20/2016 4:21 PM



**LEGEND FOR AS-BUILT POSTINGS**

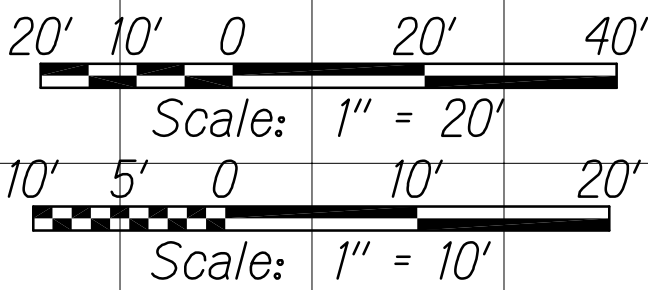
~~~~~ Squiggly line for as-built deletion

~~100.00~~ Double line for as-built deletion

Roadway Text for as-built posting

| | | | | | |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| FED. ROAD
DIST. NO. | STATE | FED. AID
PROJ. NO. | FISCAL
YEAR | SHEET
NO. | TOTAL
SHEETS |
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O.
335 | 528
522 |

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'
Vert. 1" = 10'

| | | |
|---------|---------------------------|--|
| 6/30/16 | <div>2</div> | Changed median barrier type |
| 1/22/16 | <div>1</div> | Revised grading due to SB # realignment and reduced median shoulder; Added drainage infrastructure per MOA |
| DATE | REVISION | |
| | SHEET No. 31 OF 78 SHEETS | |

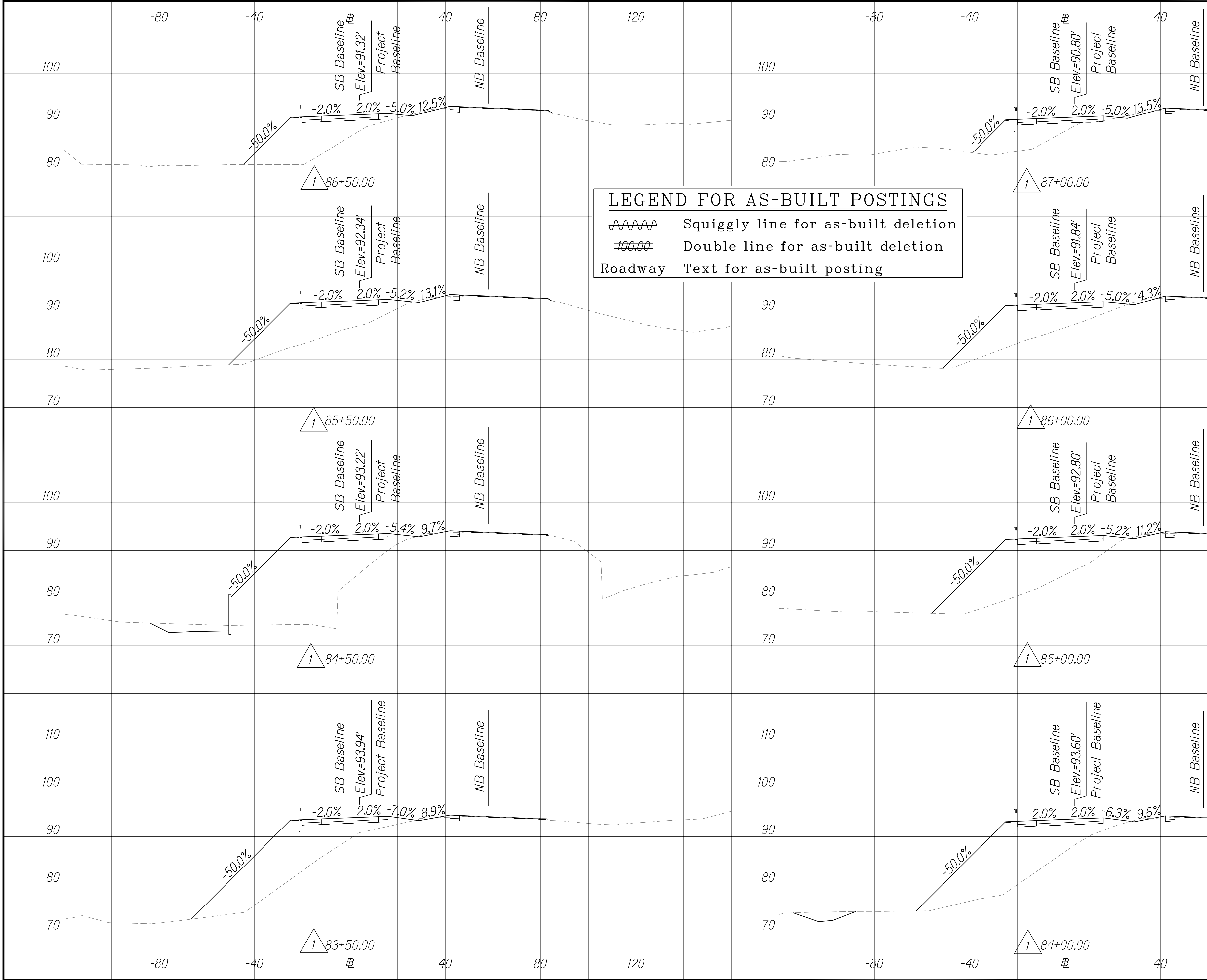
"AS-BUILT"

6/20/2016 4:22 PM

C.O. 335

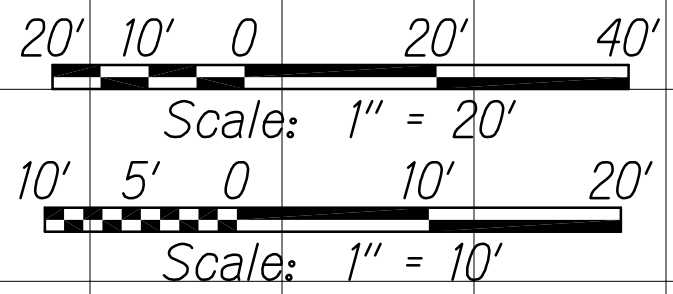
| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| | DESIGNED BY | |
| | QUANTITIES BY | |
| NOTE BOOK | CHECKED BY | |
| | No. | |

W:_CIVIL_3D\PROJECTS\2008_003_001_GBI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\330_339_CROSS SECTIONS 26 TO 35.DWG 6/20/2016 4:30 PM



| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O. 336 | 528 522 |

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'
Vert. 1" = 10'

| | |
|---------------------------|---|
| 1/22/16 | Revised grading due to SB # realignment and reduced median shoulder; Added culvert headwall |
| DATE | REVISION |
| SHEET No. 32 OF 78 SHEETS | |

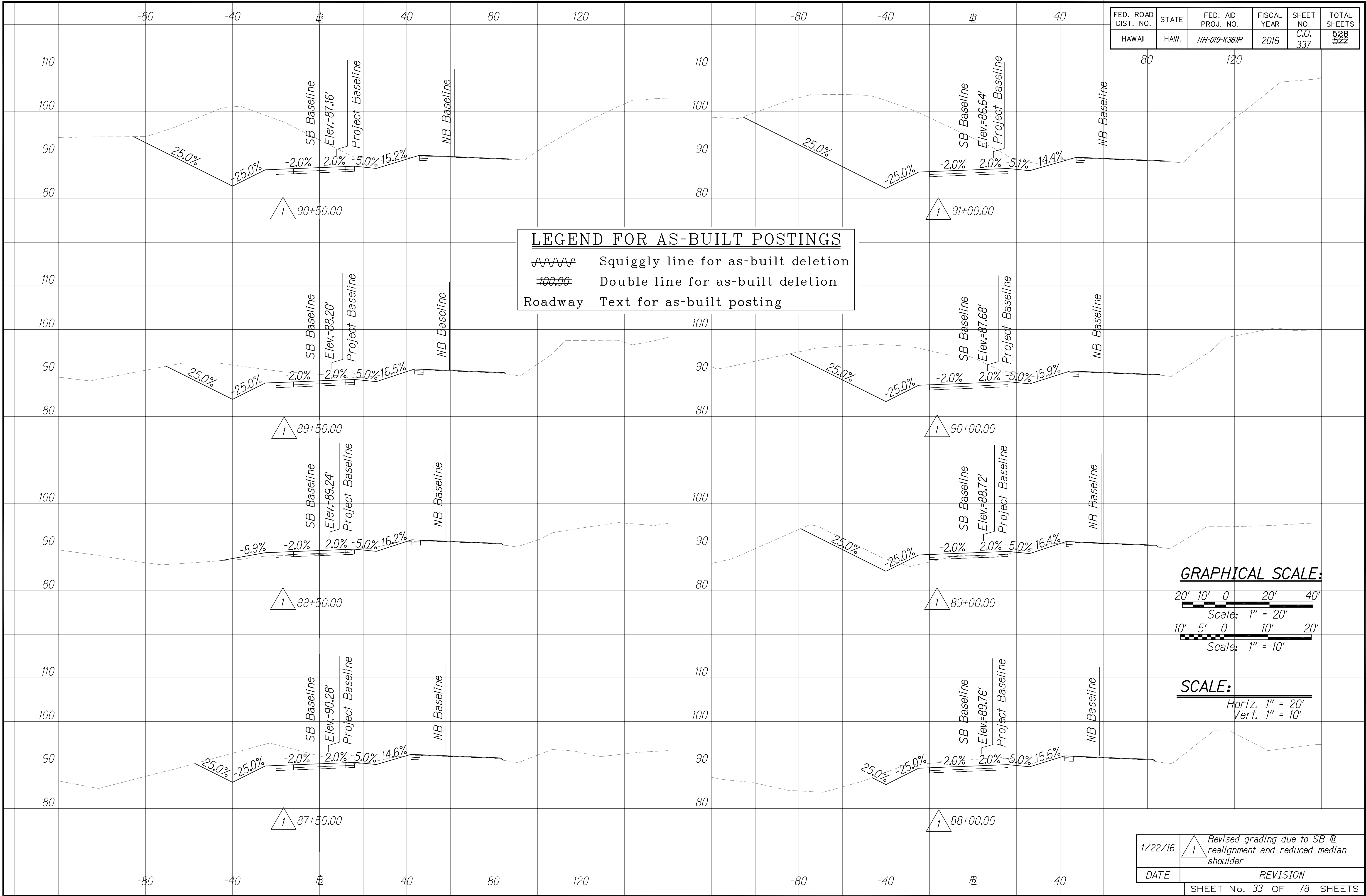
"AS-BUILT"

6/20/2016 4:30 PM

C.O. 336

| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK | DESIGNED BY | |
| No. | QUANTITIES BY | |
| | CHECKED BY | |

W:_CIVIL_3D\PROJECTS\2008_003_001_GBI_QUEEN_K_HWY_WIDENING\01_CIVIL DRAWINGS\330_339_CROSS SECTIONS 26 TO 35.DWG 6/20/2016 4:33 PM



| | | | | | |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| FED. ROAD
DIST. NO. | STATE | FED. AID
PROJ. NO. | FISCAL
YEAR | SHEET
NO. | TOTAL
SHEETS |
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O.
337 | 528
522 |

| | | |
|---------|---------------------------|---|
| 1/22/16 | <div><div>1</div></div> | Revised grading due to SB & realignment and reduced median shoulder |
| DATE | REVISION | |
| | SHEET No. 33 OF 78 SHEETS | |

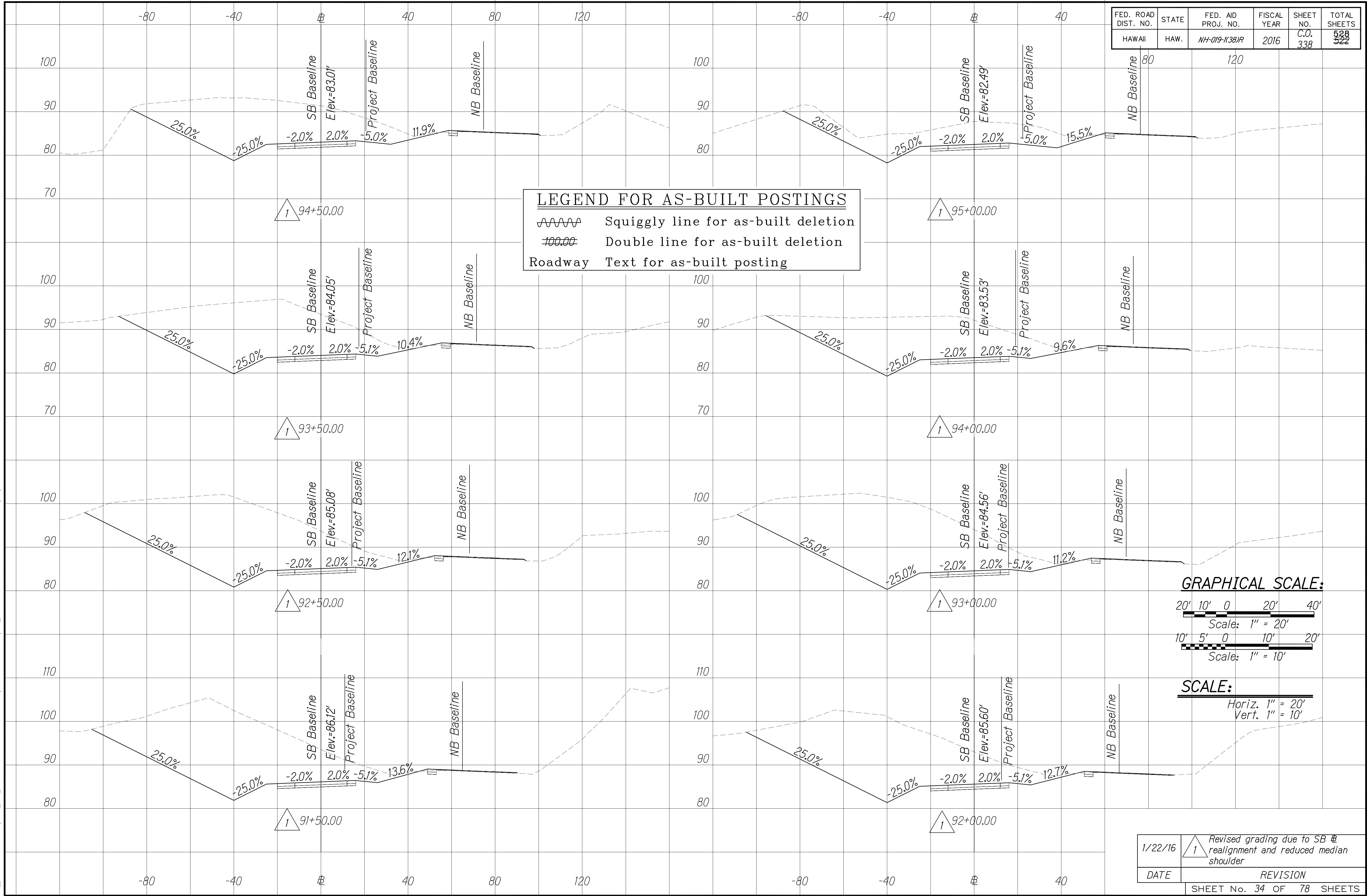
"AS-BUILT"

C.O. 337

6/20/2016 4:33 PM

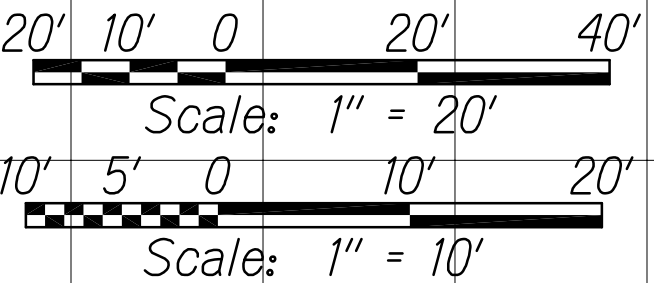
| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| | NOTED BY | |
| | CHECKED BY | |
| NOTE BOOK | QUANTITIES BY | |
| | | |
| | | |
| | | |
| No. _____ | | |

W:_CIVIL_3D_PROJECTS\2008_003_001_GBI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\330_339_CROSS SECTIONS 26 TO 35.DWG 6/20/2016 4:35 PM



| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O. 338 | 528 522 |

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'

Vert. 1" = 10'

| | |
|---------------------------|---|
| 1/22/16 | Revised grading due to SB & realignment and reduced median shoulder |
| DATE | REVISION |
| SHEET No. 34 OF 78 SHEETS | |

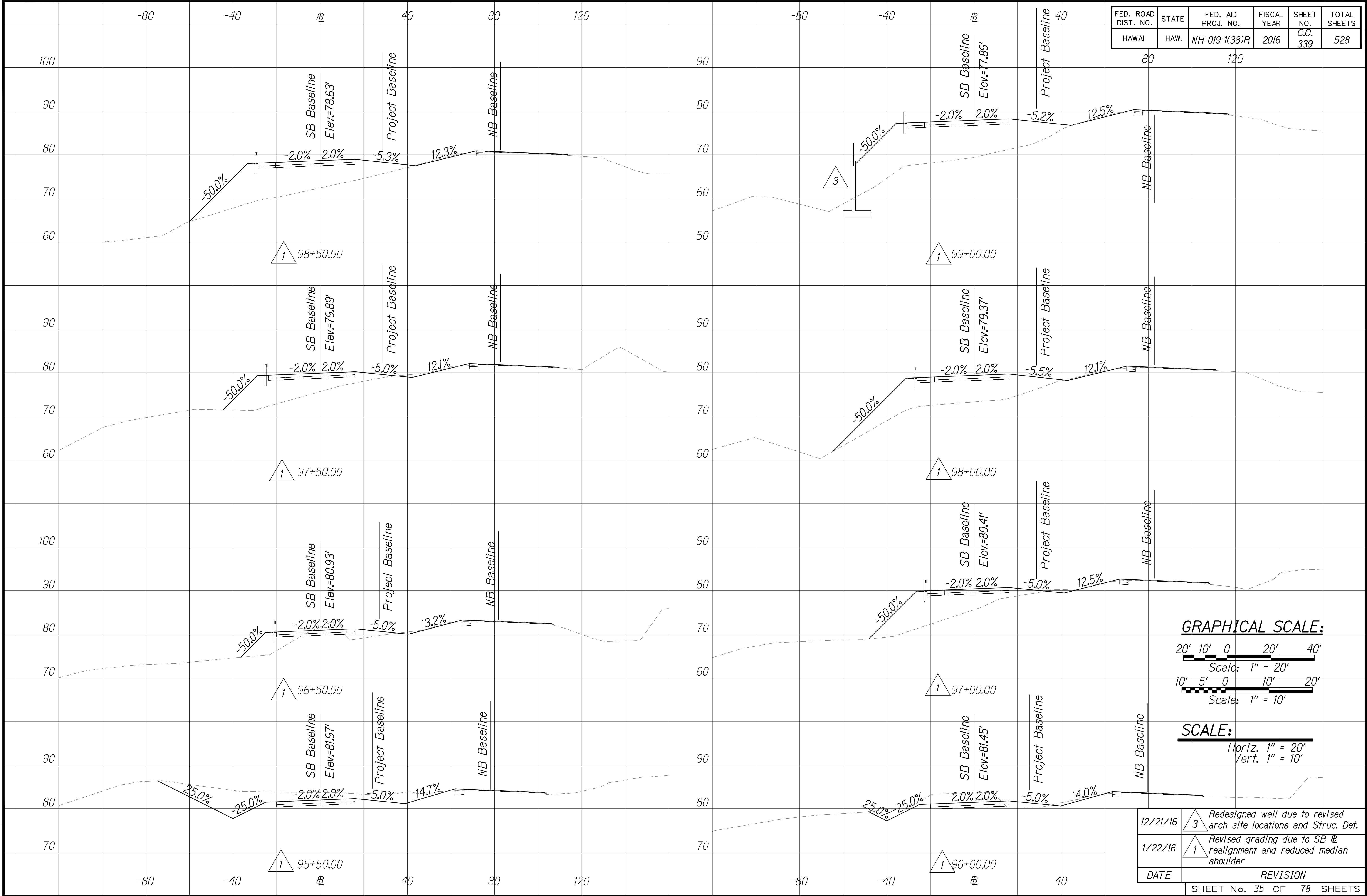
"AS-BUILT"

C.O. 338

6/20/2016 4:36 PM

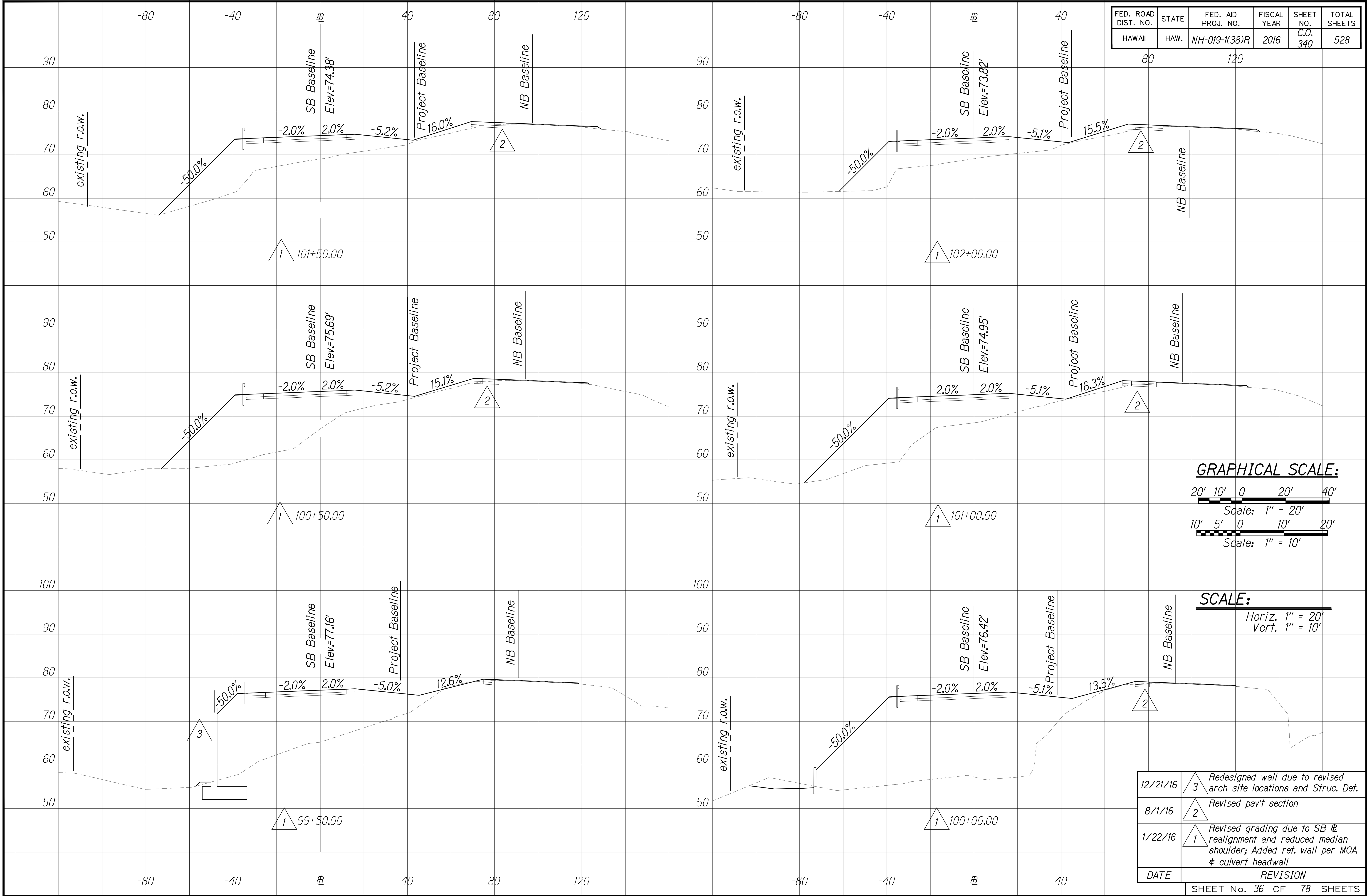
| | | |
|------------------------|------------------------------------|------------------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY _____ DATE _____ | |
| | DESIGNED BY _____ | |
| NOTE BOOK
No. _____ | TRACED BY _____ | |
| | DESIGNED BY _____ | |
| QUANTITIES BY _____ | | CHECKED BY _____ |

W:_CIVIL_3D_PROJECTS\2008_2013_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\330_341_CROSS SECTIONS 26 TO 37.DWG 1/5/2017 4:04 PM



| | | | | |
|------------------------|-------------------------|--|------------------|--|
| ORIGINAL
PLAN | SURVEY PLOTTED BY _____ | | DATE _____ | |
| | DESIGNED BY _____ | | CHECKED BY _____ | |
| NOTE BOOK
No. _____ | DESIGNED BY _____ | | CHECKED BY _____ | |
| | QUANTITIES BY _____ | | CHECKED BY _____ | |

W:_CIVIL_3D PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\330_341 CROSS SECTIONS 26 TO 37.DWG 1/5/2017 4:04 PM

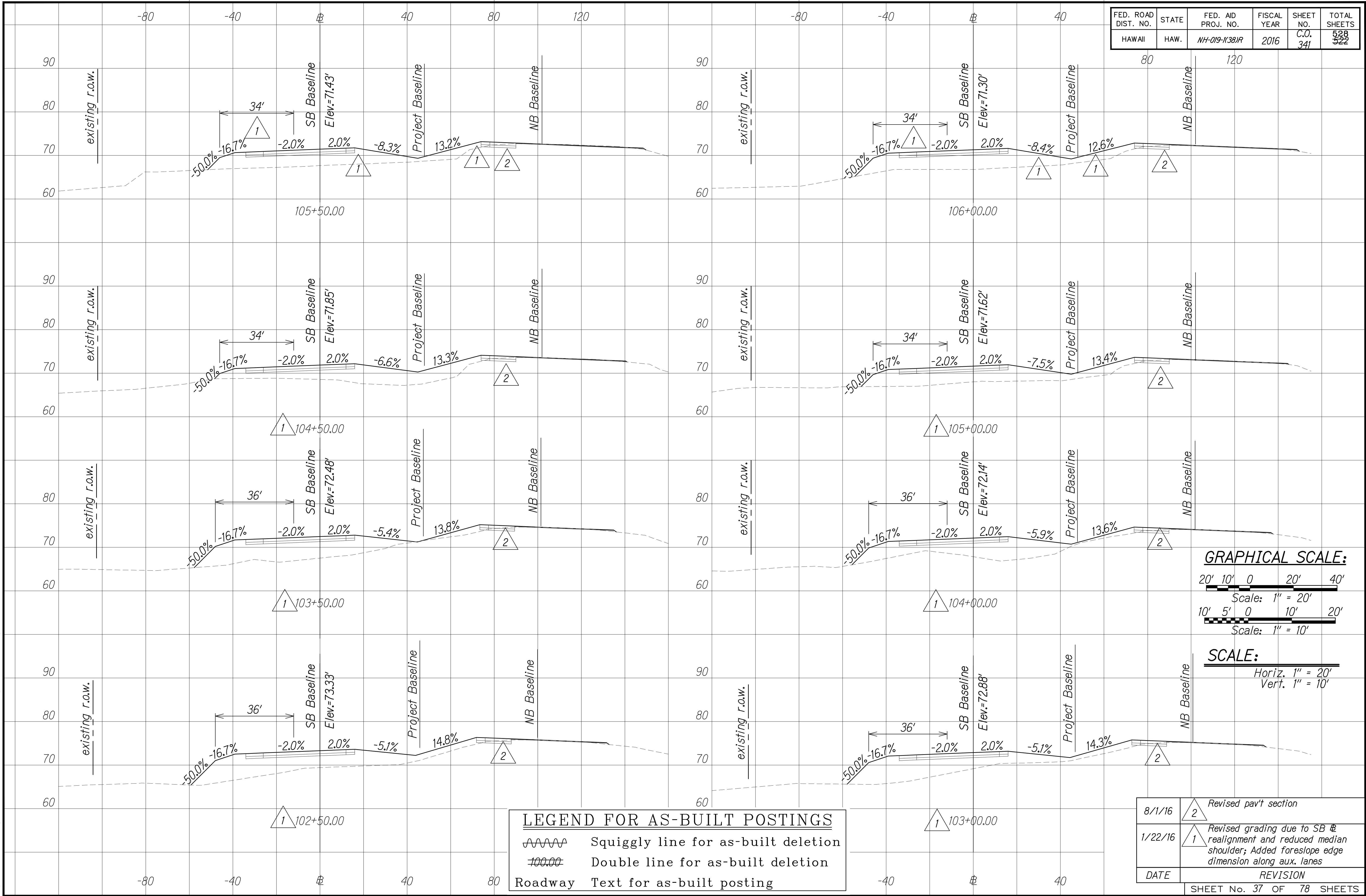


1/11/2017 10:38 AM

C.O. 340

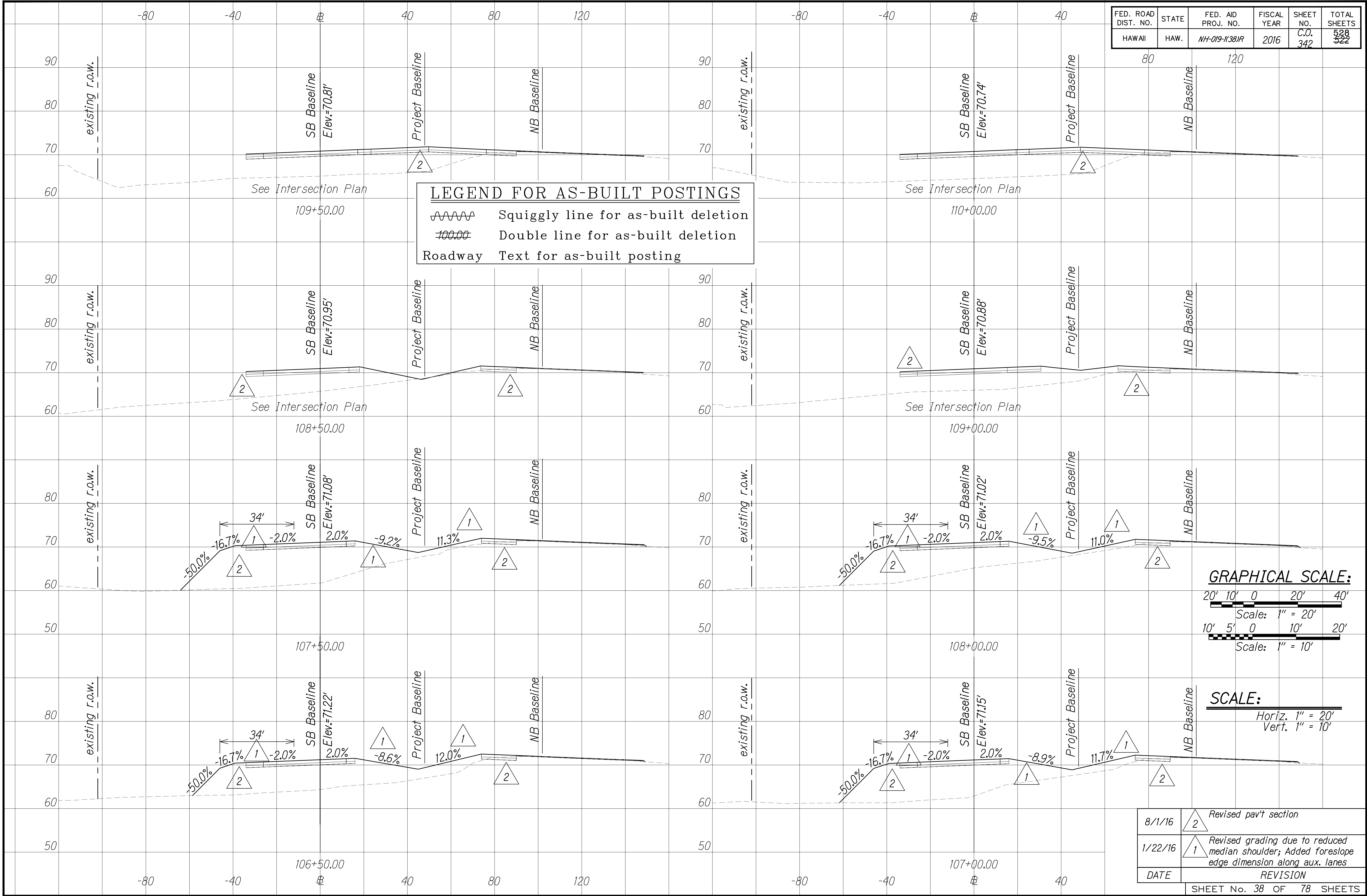
| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| NOTE BOOK | QUANTITIES BY | |
| | CHECKED BY | |
| No. | | |

W:_CIVIL_3D PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\330_341 CROSS SECTIONS 26 TO 37.DWG 8/3/2016 5:23 PM



| | | |
|------------------|------------------------------------|--|
| ORIGINAL
PLAN | SURVEY PLOTTED BY _____ DATE _____ | |
| | DESIGNED BY _____ | |
| NOTE BOOK | TRACED BY _____ | |
| | DESIGNED BY _____ | |
| No. _____ | QUANTITIES BY _____ | |
| | CHECKED BY _____ | |

W:_CIVIL_3D_PROJECTS\2008_003_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\342_349_CROSS_SECTIONS_38 TO 45.DWG 8/3/2016 8:06 PM



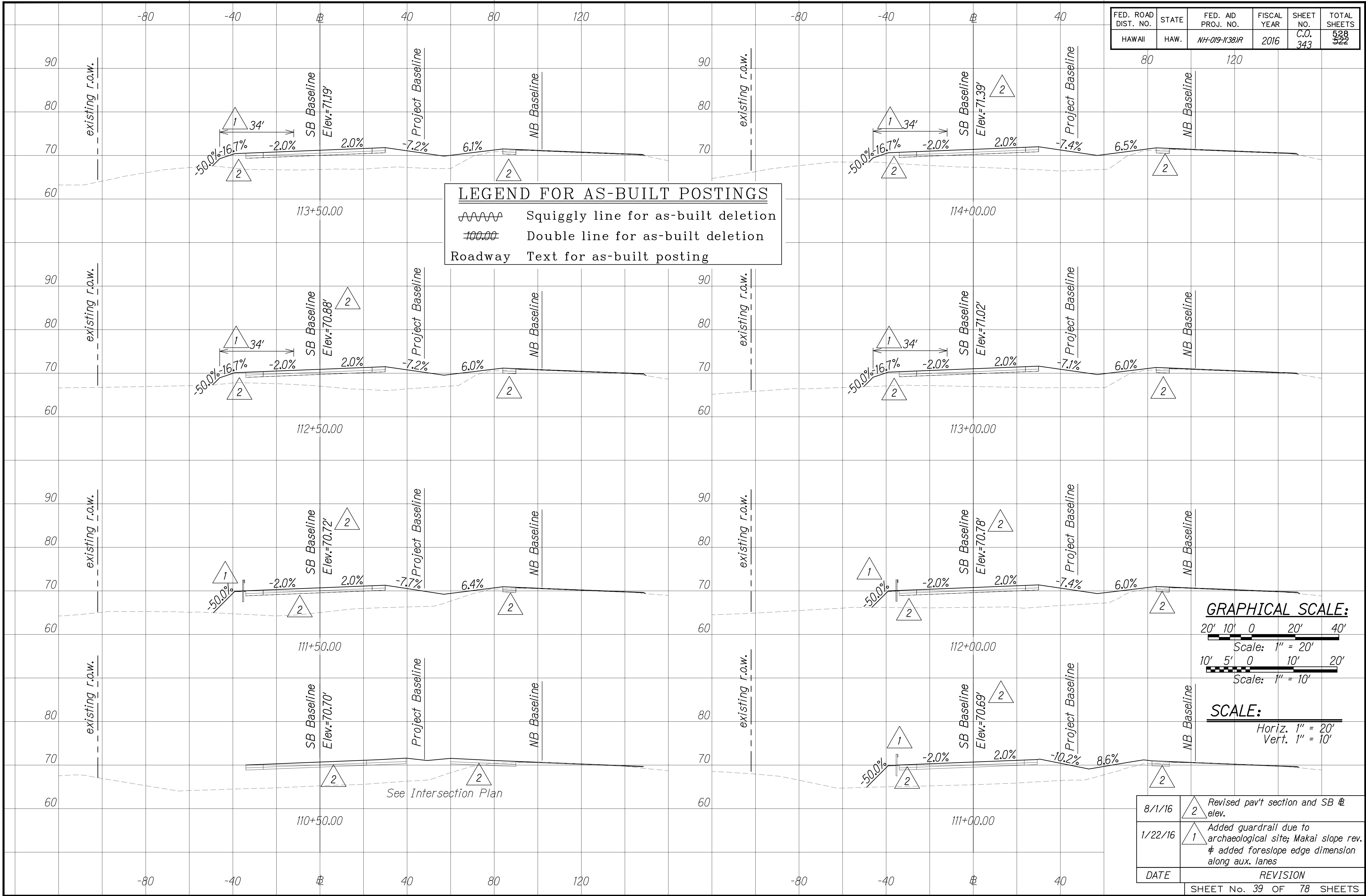
| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O. 342 | 528 522 |

8/4/2016 9:30 AM

C.O. 342

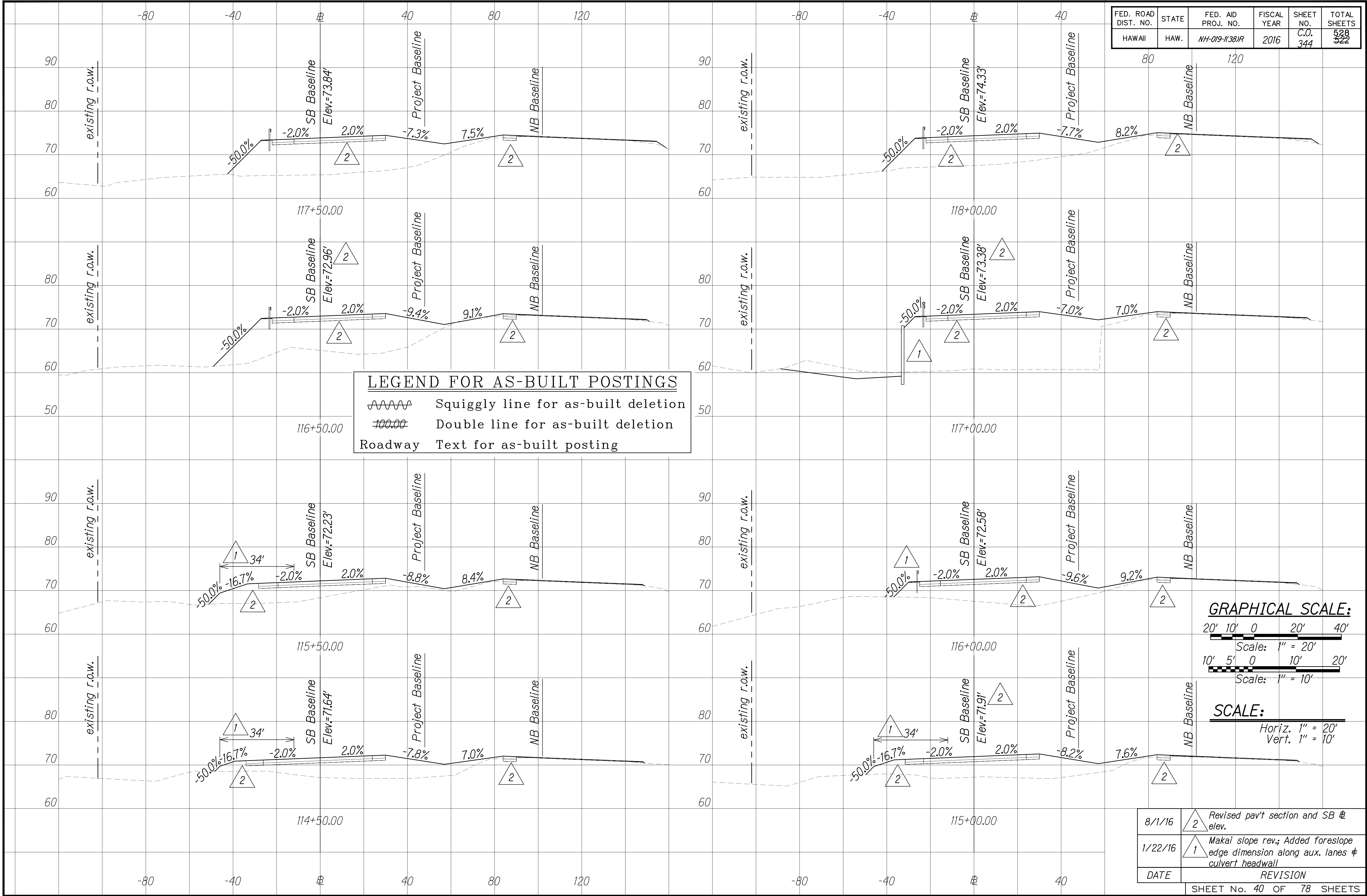
| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| NOTE BOOK | TRACED BY | |
| | DESIGNED BY | |
| No. | QUANTITIES BY | |
| | CHECKED BY | |

W:_CIVIL_3D_PROJECTS\2008_2013_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\342_349_CROSS_SECTIONS_38 TO 45.DWG 8/4/2016 9:54 AM



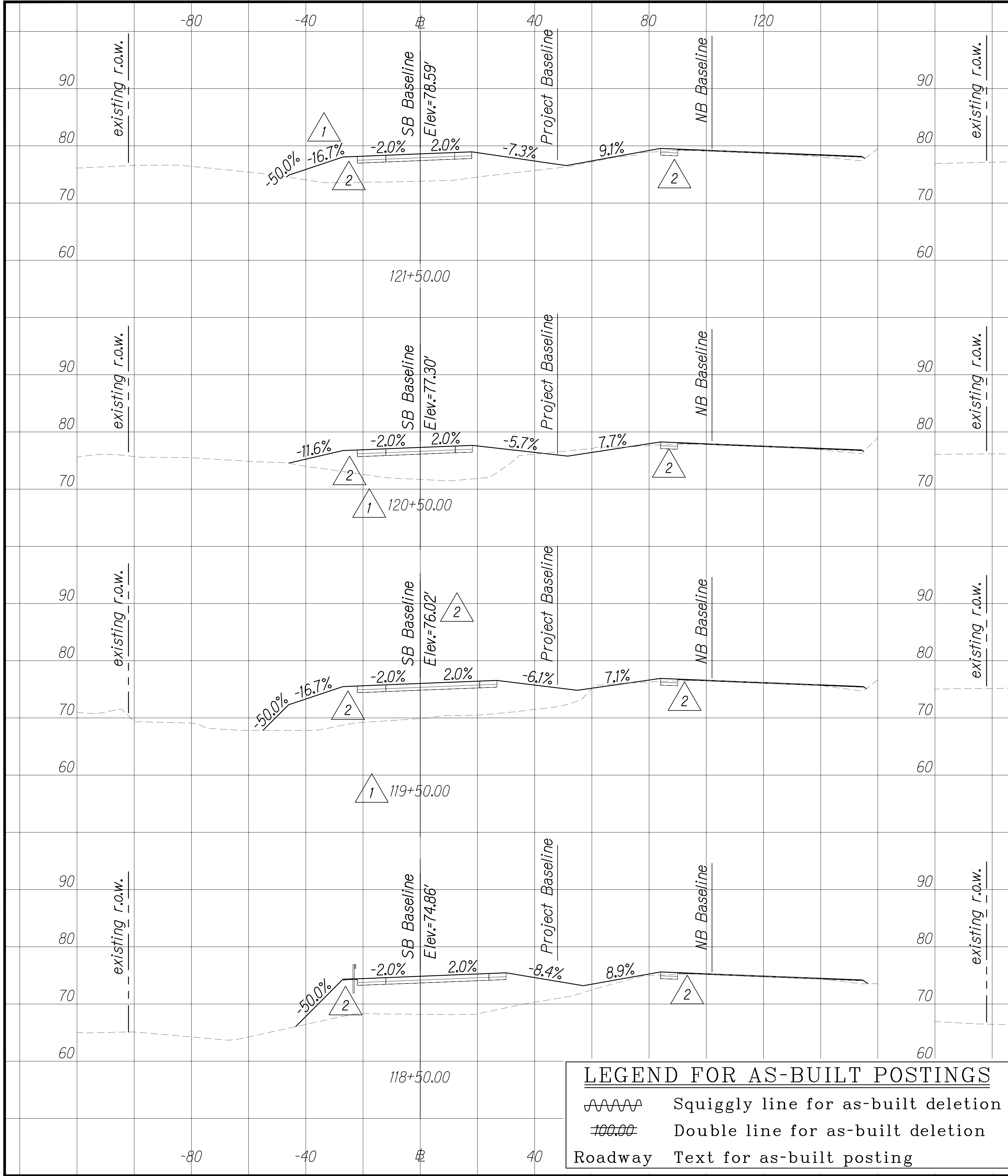
| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| NOTE BOOK | QUANTITIES BY | |
| | CHECKED BY | |
| No. | | |

W:_CIVIL_3D_PROJECTS\2008_2013_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\342_349_CROSS_SECTIONS_38 TO 45.DWG 8/4/2016 9:56 AM



| | | |
|-------------------------|-------------------|------|
| ORIGINAL
PLAN
No. | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| | QUANTITIES BY | |
| | CHECKED BY | |

W:_CIVIL_3D PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\342_349 CROSS SECTIONS 38 TO 45.DWG 8/4/2016 9:56 AM



| | | | | | |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| FED. ROAD
DIST. NO. | STATE | FED. AID
PROJ. NO. | FISCAL
YEAR | SHEET
NO. | TOTAL
SHEETS |
| HAWAII | HAW. | NH-019-K381R | 2016 | C.O.
345 | 528
522 |

| | |
|---------------------------|--|
| 8/1/16 | Revised pav't section and SB elev. |
| 1/22/16 | Makai slope rev.; Removed Kohanaiki driveway & revised median swale grading to increase cover over exist. Kohanaiki w8 lateral |
| DATE | REVISION |
| SHEET No. 41 OF 78 SHEETS | |

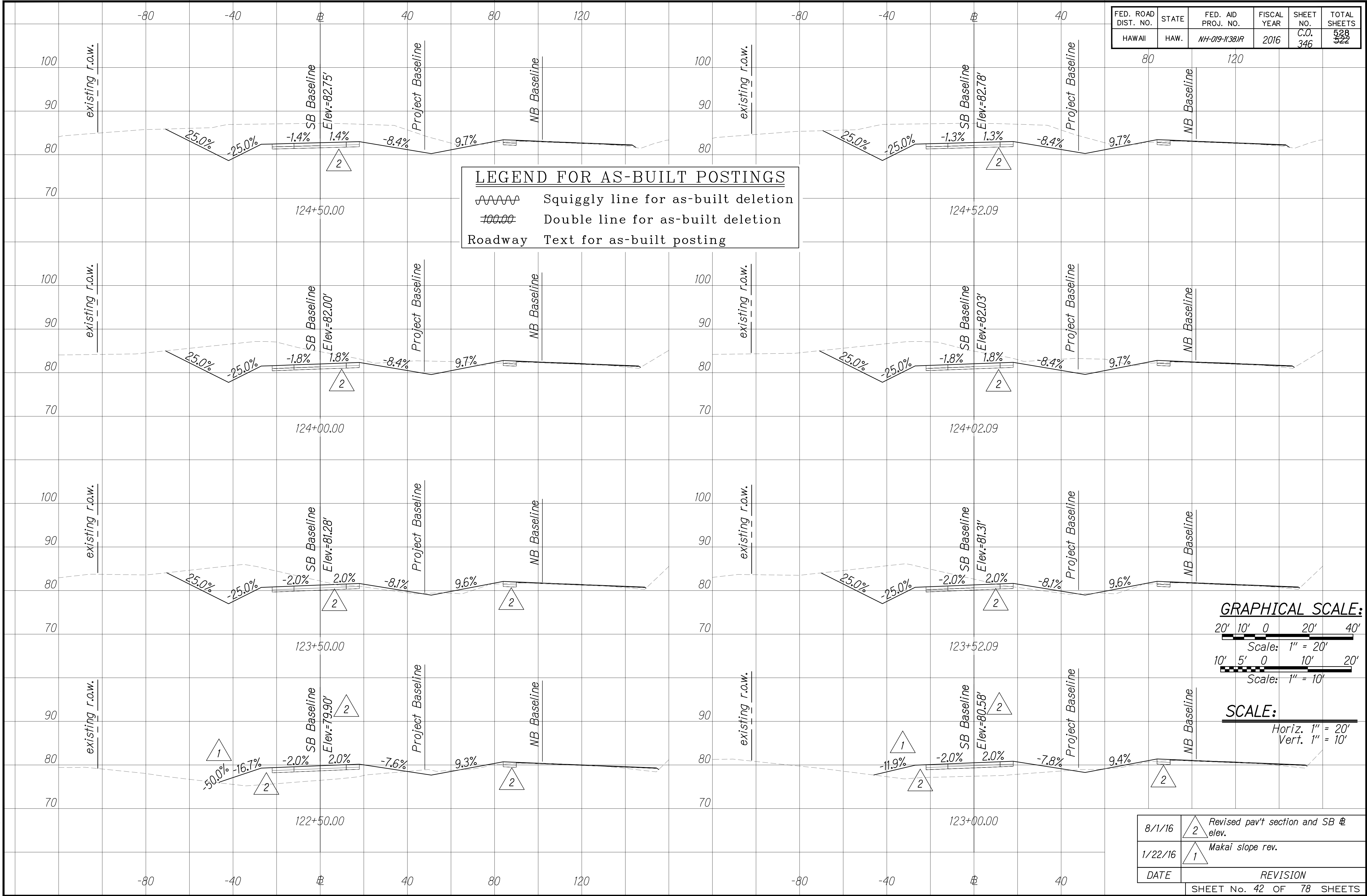
"AS-BUILT"

8/4/2016 10:01 AM

C.O. 345

| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| | TRACED BY | |
| | NOTED BY | |
| NOTE BOOK | DESIGNED BY | |
| | TRACED BY | |
| | NOTED BY | |
| | CHECKED BY | |
| No. | | |

W:_CIVIL_3D_PROJECTS\2008_003_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\342_349_CROSS_SECTIONS_38_TO_45.DWG 8/4/2016 9:56 AM



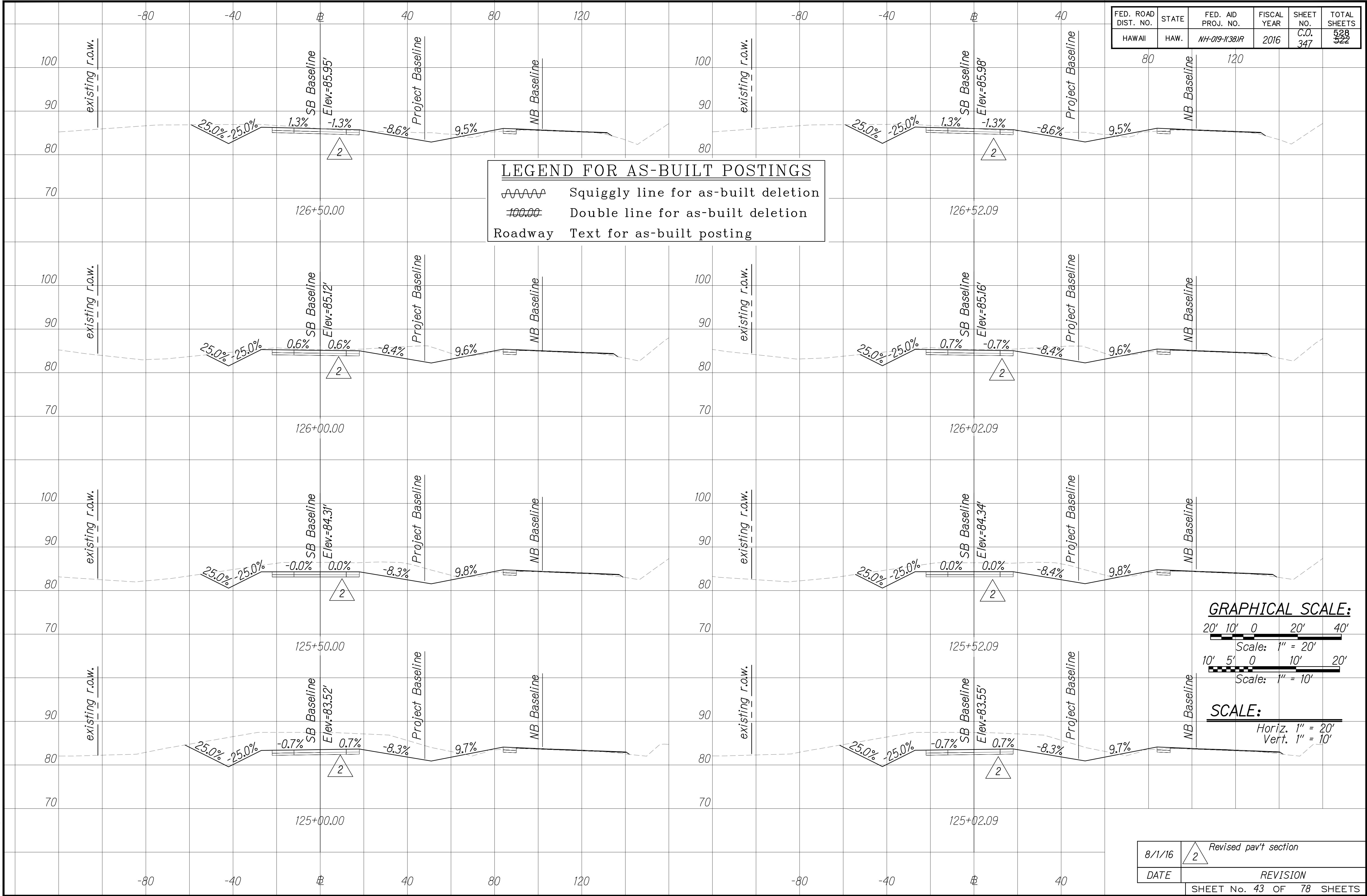
| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O. 346 | 528 522 |

| | | |
|---------------------------|--------------|--------------------------------------|
| 8/1/16 | <div>2</div> | Revised pav't section and SB @ elev. |
| 1/22/16 | <div>1</div> | Makai slope rev. |
| DATE | REVISION | |
| SHEET No. 42 OF 78 SHEETS | | |

C.O. 346

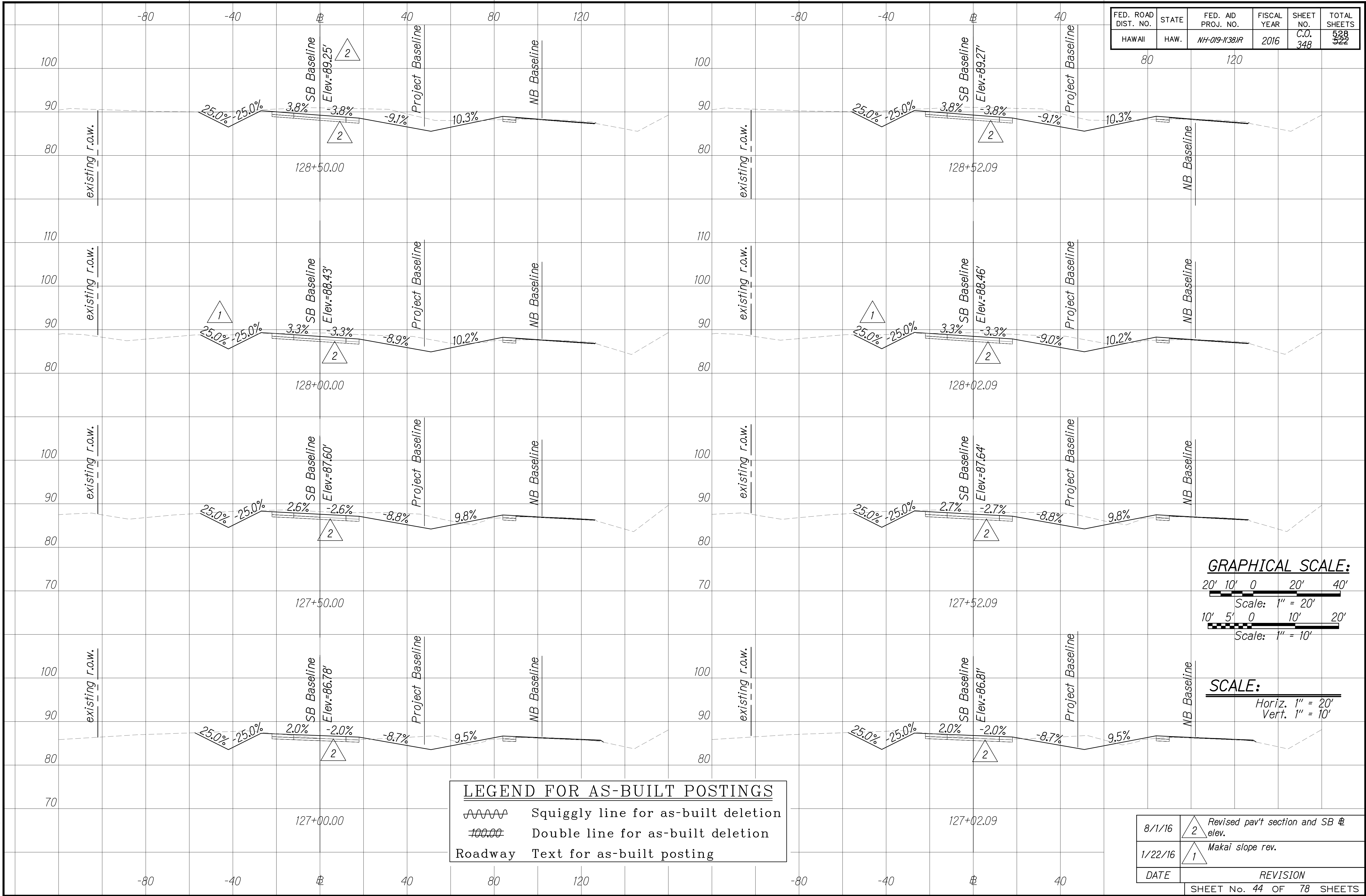
| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| | QUANTITIES BY | |
| | CHECKED BY | |
| NOTE BOOK | No. | |

W:_CIVIL_3D\PROJECTS\2008_003_001_GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\342_349 CROSS SECTIONS 38 TO 45.DWG 8/4/2016 9:56 AM



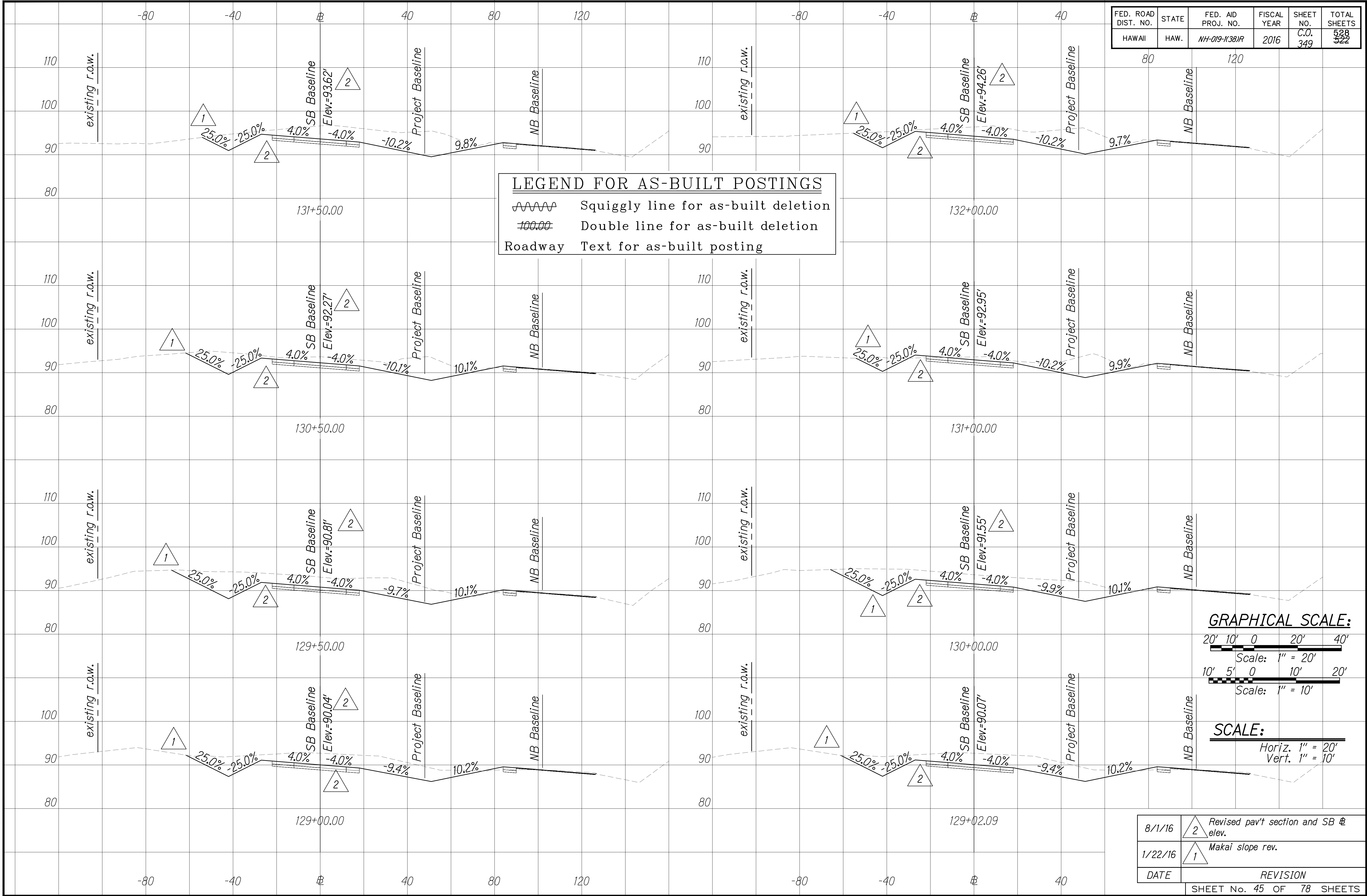
| | | |
|-------------------------|-------------------|------|
| ORIGINAL
PLAN
No. | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| | QUANTITIES BY | |
| | CHECKED BY | |

W:_CIVIL_3D PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\342_349 CROSS SECTIONS 38 TO 45.DWG 8/4/2016 10:10 AM



| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| NOTE BOOK | QUANTITIES BY | |
| | CHECKED BY | |
| No. | | |

W:_CIVIL_3D_PROJECTS\2008_003_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\342_349_CROSS_SECTIONS_38 TO 45.DWG 8/4/2016 10:13 AM



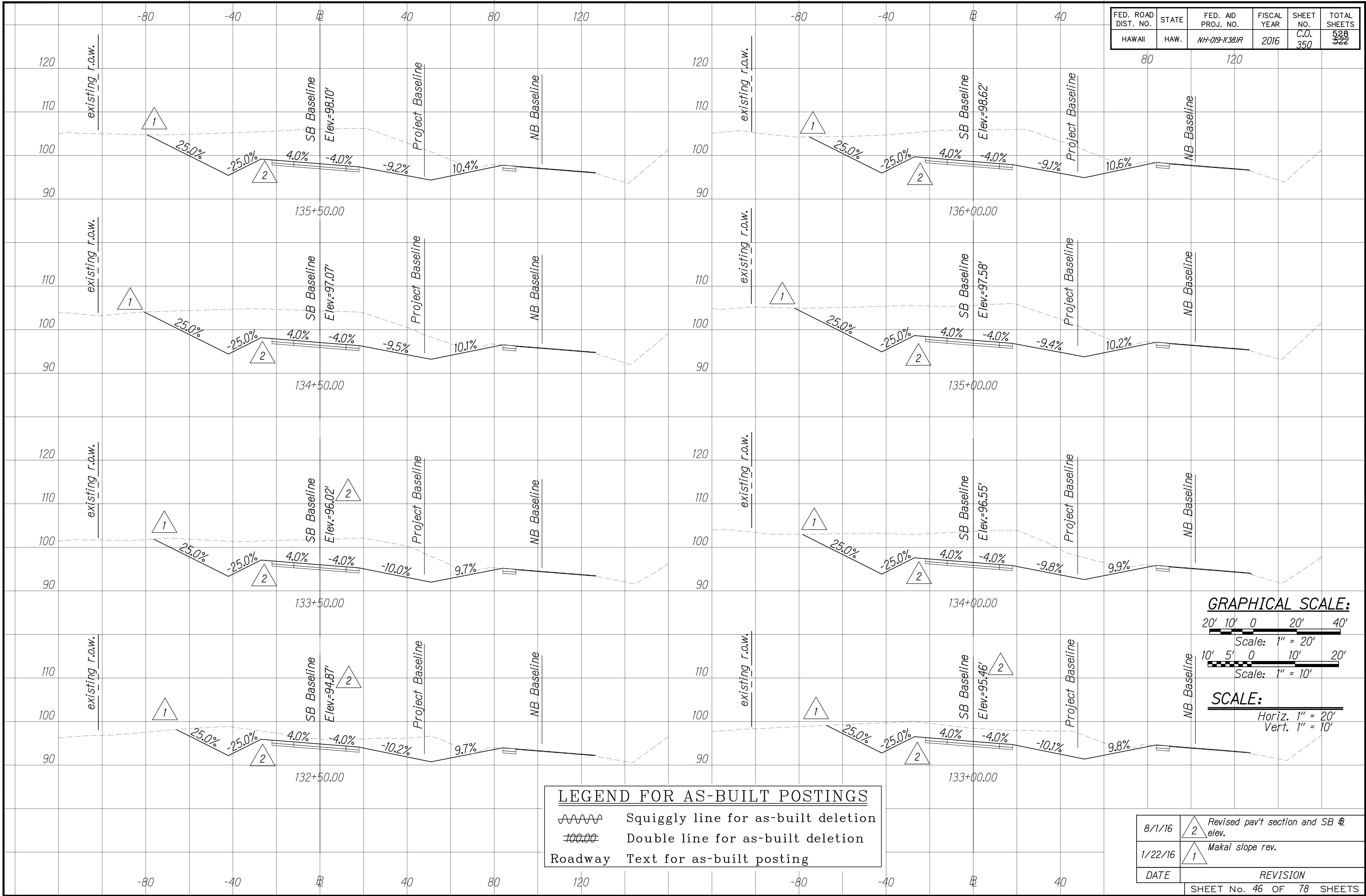
"AS-BUILT"

8/4/2016 10:13 AM

C.O. 349

| | | |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK | DESIGNED BY | |
| No. | QUANTITIES BY | |
| | CHECKED BY | |

W&S CIVIL 3D PROJECT \$2008.003.001 G&E1 QUEEN K HWY WIDENING&01 CIVIL DRAWINGS \$350.359 CROSS SECTIONS 46 TO 55.DWG 8/4/2016 11:17 AM



| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O. 350 | 528 522 |

GRAPHICAL SCALE:

20' 10' 0 20' 40'

Scale: 1" = 20'

10' 5' 0 10' 20'

Scale: 1" = 10'

SCALE:

Horiz. 1" = 20'

Vert. 1" = 10'

LEGEND FOR AS-BUILT POSTINGS

~~~~~ Squiggly line for as-built deletion

~~100.00~~ Double line for as-built deletion

Roadway Text for as-built posting

|         |          |                                      |
|---------|----------|--------------------------------------|
| 8/1/16  | 2        | Revised pav't section and SB @ elev. |
| 1/22/16 | 1        | Makai slope rev.                     |
| DATE    | REVISION |                                      |

SHEET No. 46 OF 78 SHEETS

8/4/2016 11:18 AM

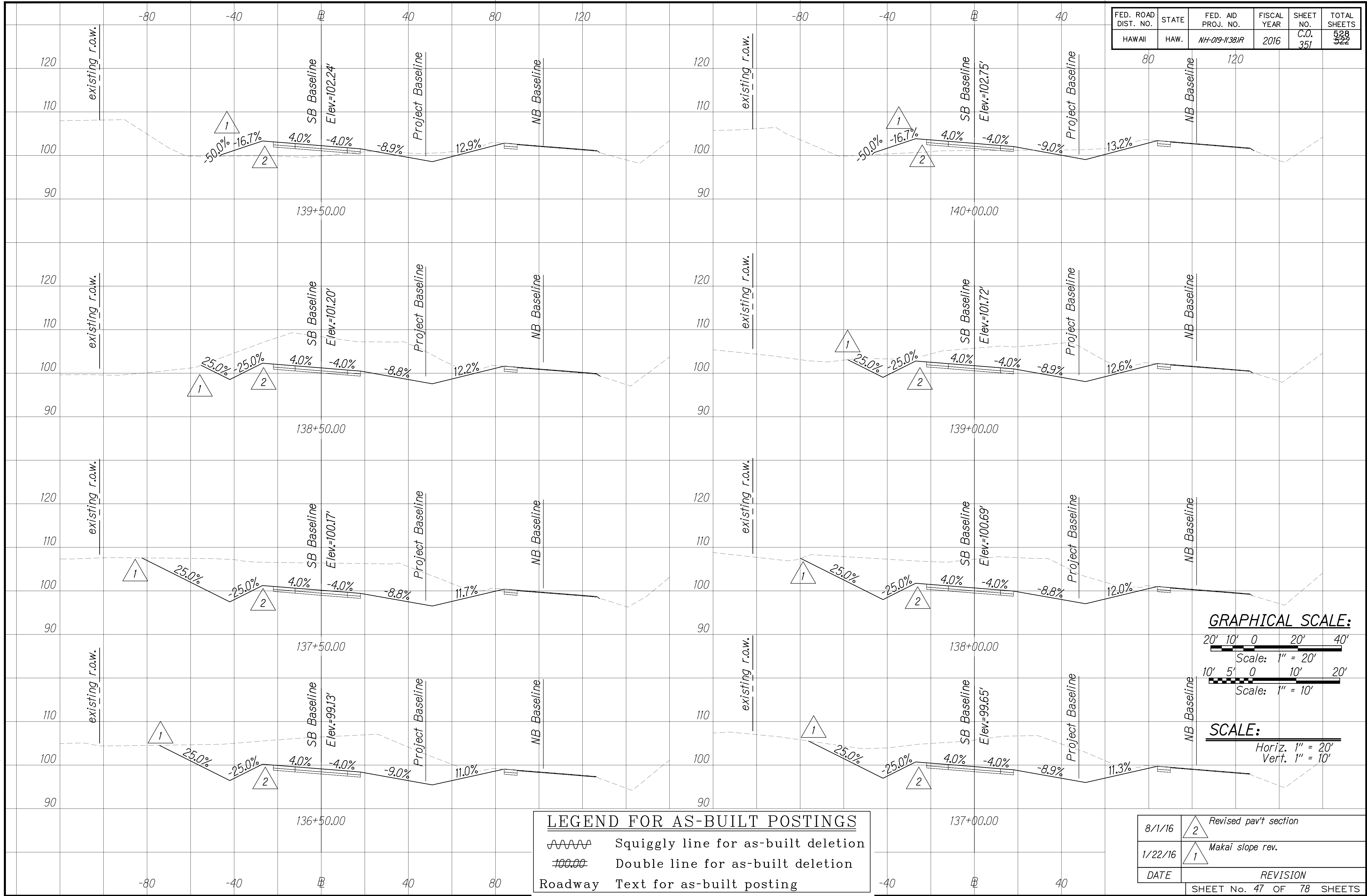
"AS-BUILT"

C.O. 350



|               |                   |      |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK     | DESIGNED BY       |      |
| No.           | QUANTITIES BY     |      |
|               | CHECKED BY        |      |

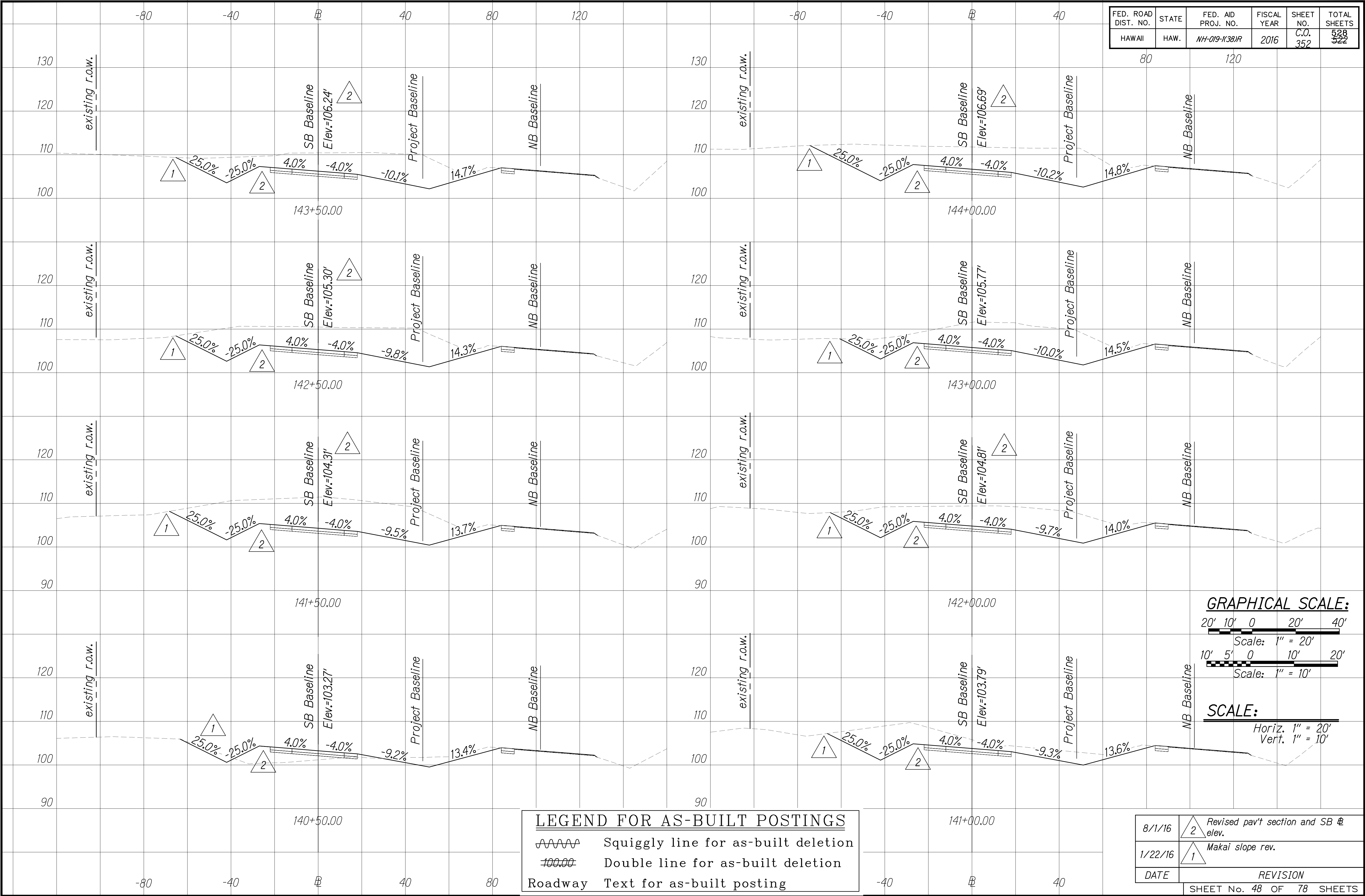
W&S CIVIL 3D PROJECT \$2008.003.001 G&T QUEEN K HWY WIDENING&BT CIVIL DRAWINGS \$350.359 CROSS SECTIONS 46 TO 55.DWG 8/4/2016 11:20 AM





|                         |                   |      |
|-------------------------|-------------------|------|
| ORIGINAL<br>PLAN<br>No. | SURVEY PLOTTED BY | DATE |
|                         | DESIGNED BY       |      |
|                         | QUANTITIES BY     |      |
|                         | CHECKED BY        |      |

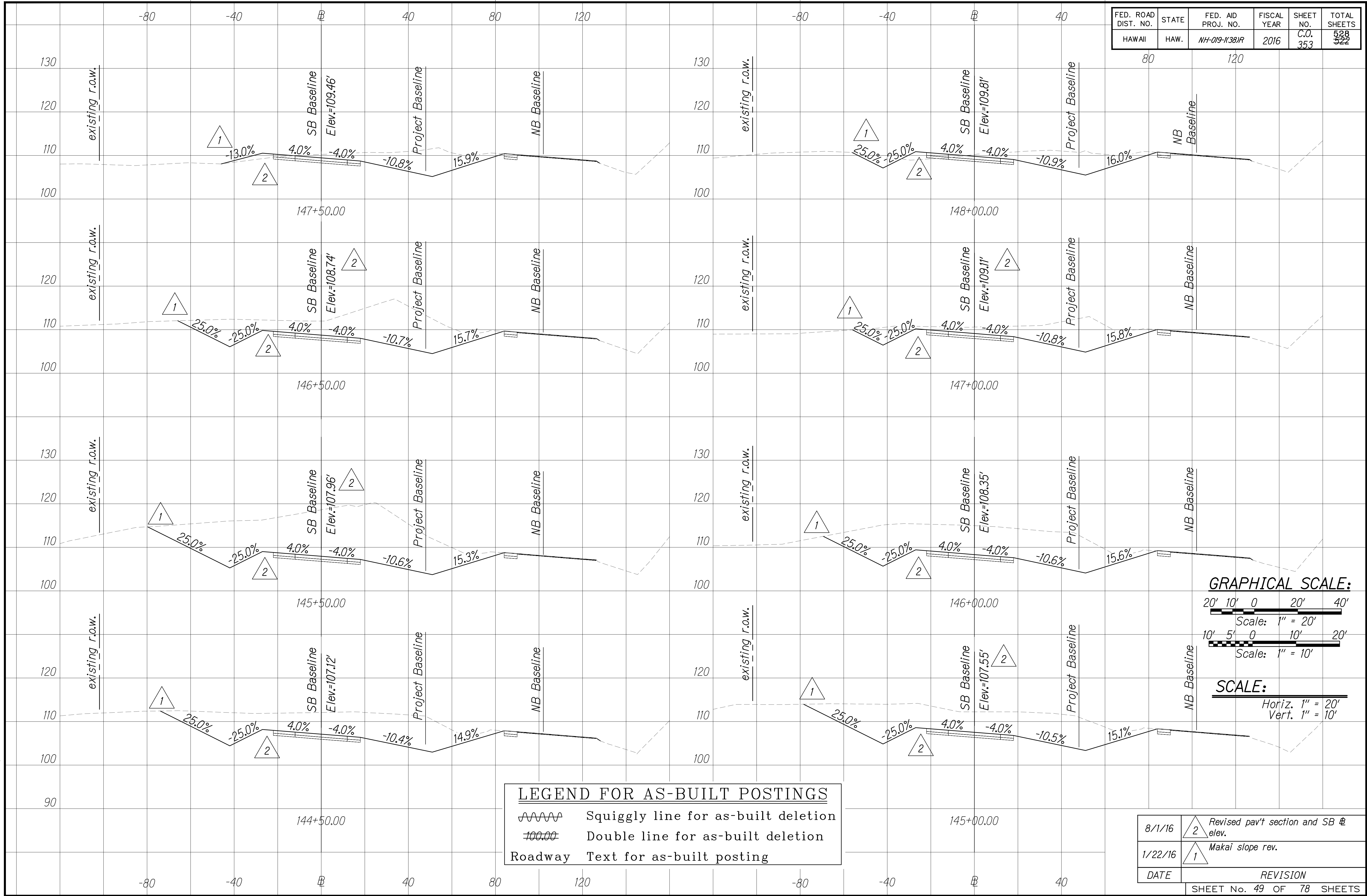
W&S CIVIL 3D PROJECT \$2008.003.001 G&E1 QUEEN K HWY WIDENING&B CIVIL DRAWINGS \$350.359 CROSS SECTIONS 46 TO 55.DWG 8/4/2016 11:20 AM





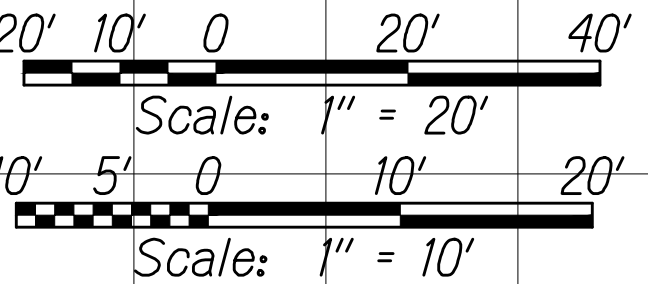
|                         |                   |      |
|-------------------------|-------------------|------|
| ORIGINAL<br>PLAN<br>No. | SURVEY PLOTTED BY | DATE |
|                         | DESIGNED BY       |      |
|                         | TRACED BY         |      |
|                         | NOTE BOOK         |      |
| No.                     | DESIGNED BY       |      |
|                         | QUANTITIES BY     |      |
|                         | CHECKED BY        |      |
|                         |                   |      |

W&S CIVIL 3D PROJECT \$2008.003.001 G&E1 QUEEN K HWY WIDENING&01 CIVIL DRAWINGS \$350.359 CROSS SECTIONS 46 TO 55.DWG 8/4/2016 11:20 AM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-1(38)R      | 2016        | C.O. 353  | 528 522      |

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'  
Vert. 1" = 10'

|                           |              |                                      |
|---------------------------|--------------|--------------------------------------|
| 8/1/16                    | <div>2</div> | Revised pav't section and SB @ elev. |
| 1/22/16                   | <div>1</div> | Makai slope rev.                     |
| DATE                      | REVISION     |                                      |
| SHEET No. 49 OF 78 SHEETS |              |                                      |

"AS-BUILT"

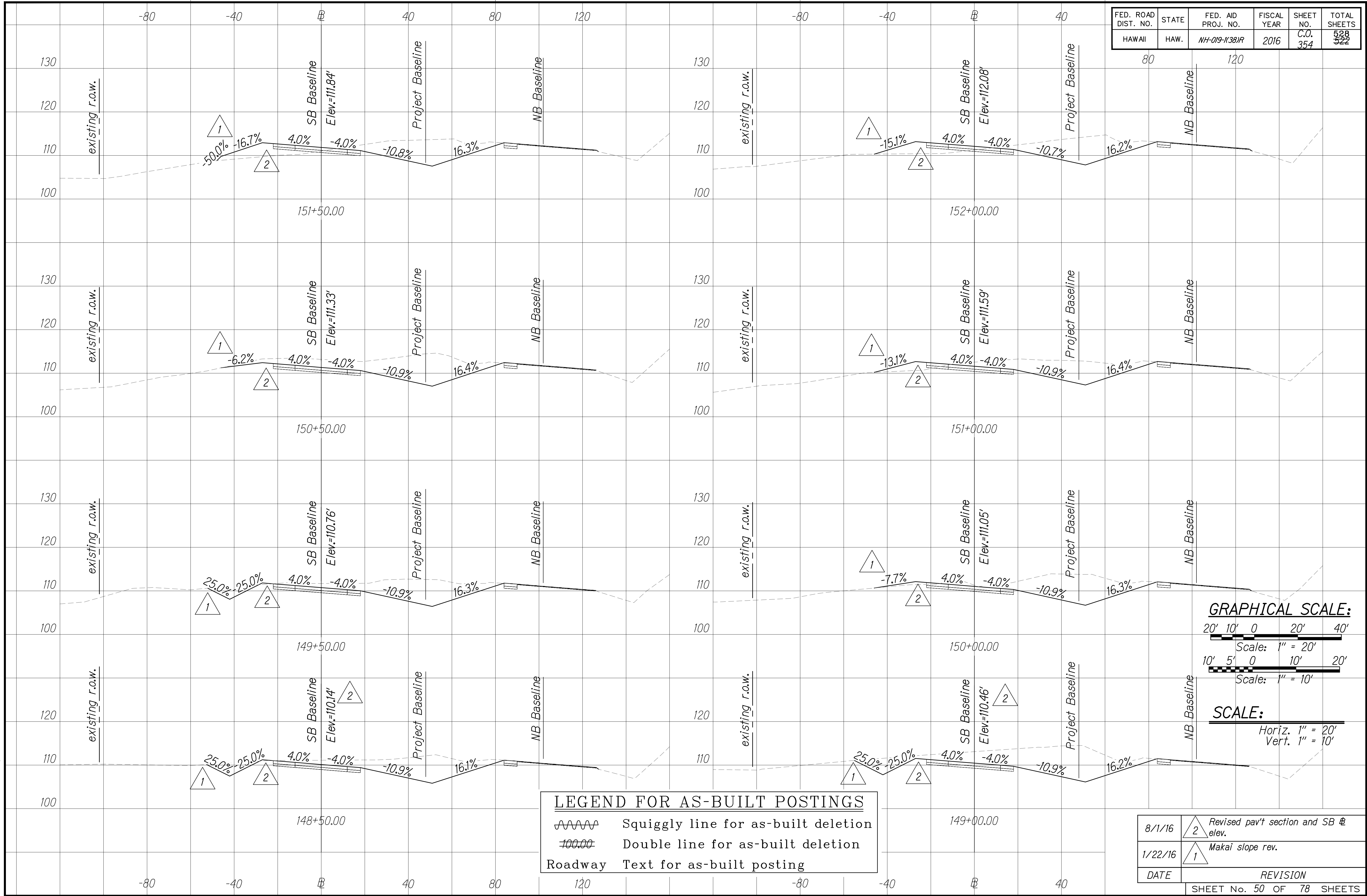
8/4/2016 11:32 AM

C.O. 353



|               |                   |      |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK     | DESIGNED BY       |      |
| No.           | QUANTITIES BY     |      |
|               | CHECKED BY        |      |

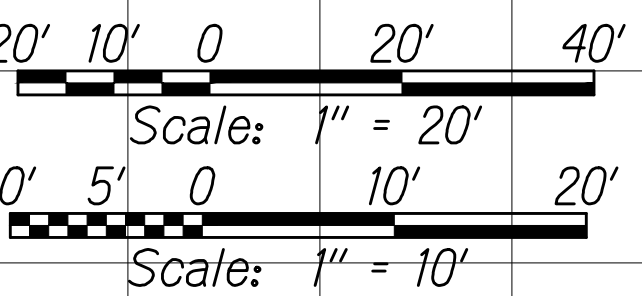
W&S CIVIL 3D PROJECT \$2008.003.001 G&T QUEEN K HWY WIDENING&B CIVIL DRAWINGS \$350.359 CROSS SECTIONS 46 TO 55.DWG 8/4/2016 11:34 AM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-1(38)R      | 2016        | C.O. 354  | 528 522      |

| LEGEND FOR AS-BUILT POSTINGS |                                     |
|------------------------------|-------------------------------------|
|                              | Squiggly line for as-built deletion |
|                              | Double line for as-built deletion   |
| Roadway                      | Text for as-built posting           |

**GRAPHICAL SCALE:**



**SCALE:**

Horiz. 1" = 20'  
Vert. 1" = 10'

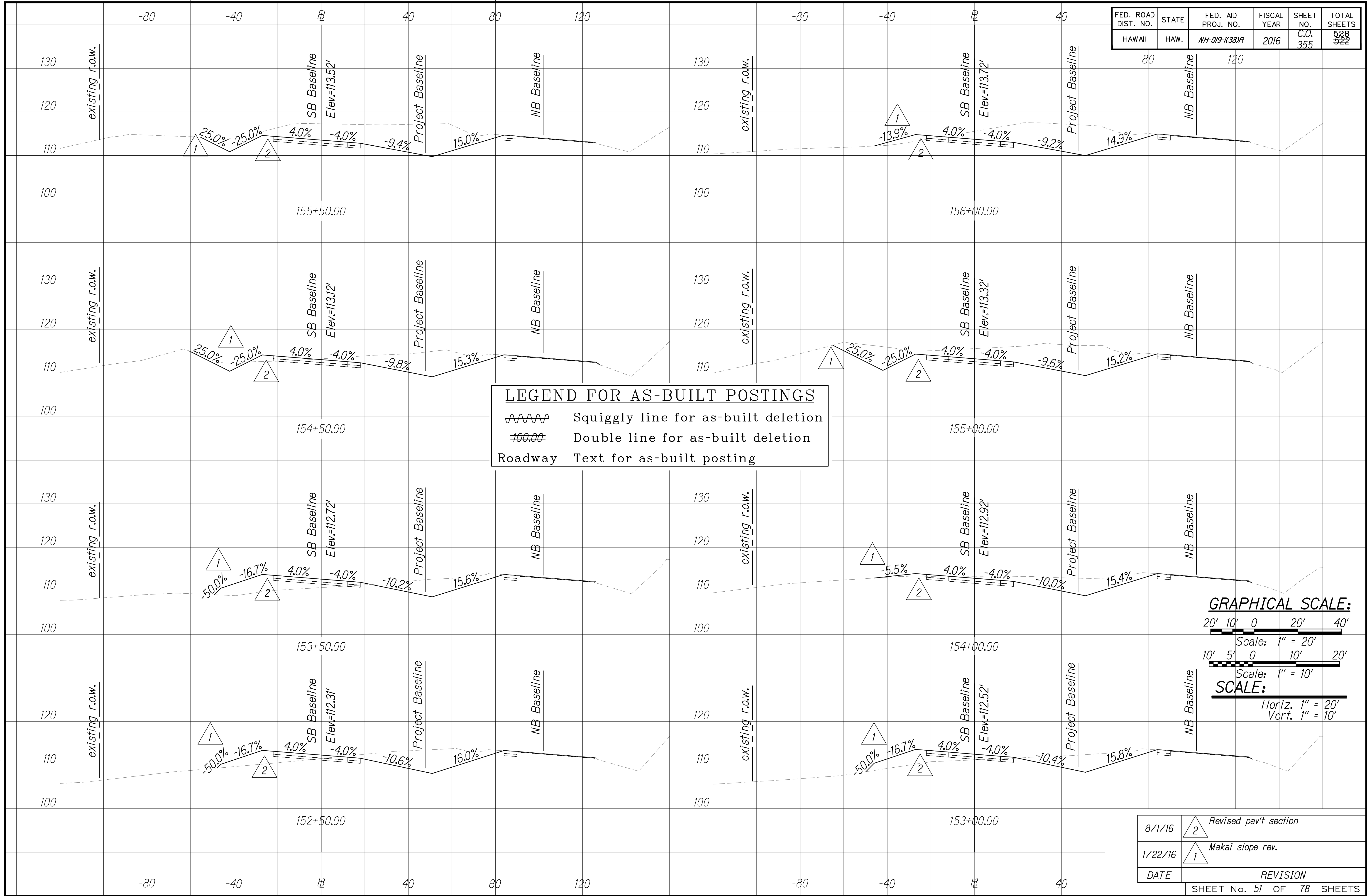
|                           |          |                                      |
|---------------------------|----------|--------------------------------------|
| 8/1/16                    |          | Revised pav't section and SB @ elev. |
| 1/22/16                   |          | Makai slope rev.                     |
| DATE                      | REVISION |                                      |
| SHEET No. 50 OF 78 SHEETS |          |                                      |

**C.O. 354**



|                  |                   |      |
|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
|                  | DESIGNED BY       |      |
|                  | TRACED BY         |      |
|                  | NOTED BY          |      |
| NOTE BOOK        | DESIGNED BY       |      |
|                  | QUANTITIES BY     |      |
| No.              | CHECKED BY        |      |
|                  |                   |      |

W&S CIVIL 3D PROJECT \$2008.003.001 G&E1 QUEEN K HWY WIDENING/SD CIVIL DRAWINGS \$350.359 CROSS SECTIONS 46 TO 55.DWG 8/4/2016 11:34 AM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-1(38)R      | 2016        | C.O. 355  | 528 522      |

|                           |                                                                                       |                              |
|---------------------------|---------------------------------------------------------------------------------------|------------------------------|
| 8/1/16                    |  | <i>Revised pav't section</i> |
| 1/22/16                   |  | <i>Makai slope rev.</i>      |
| DATE                      | REVISION                                                                              |                              |
| SHEET No. 51 OF 78 SHEETS |                                                                                       |                              |

"AS-BUILT"

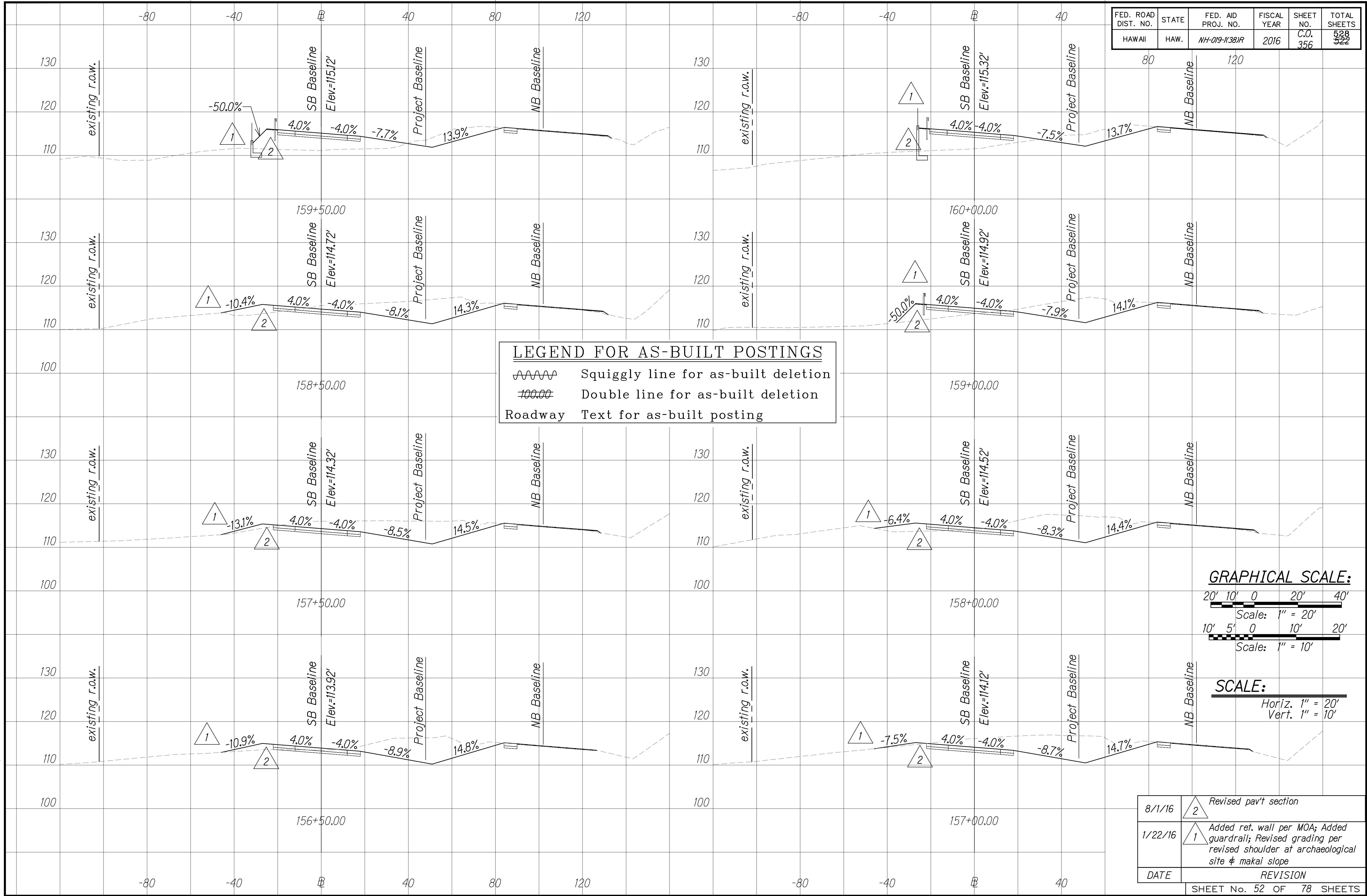
8/4/2016 11:36 AM

C.O. 355



|                  |                         |  |            |
|------------------|-------------------------|--|------------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY _____ |  | DATE _____ |
|                  | DESIGNED BY _____       |  | DATE _____ |
|                  | NOTE BOOK               |  |            |
|                  | No. _____               |  |            |
| NOTE BOOK        | DESIGNED BY _____       |  | DATE _____ |
|                  | QUANTITIES BY _____     |  | DATE _____ |
|                  | CHECKED BY _____        |  | DATE _____ |
|                  |                         |  |            |

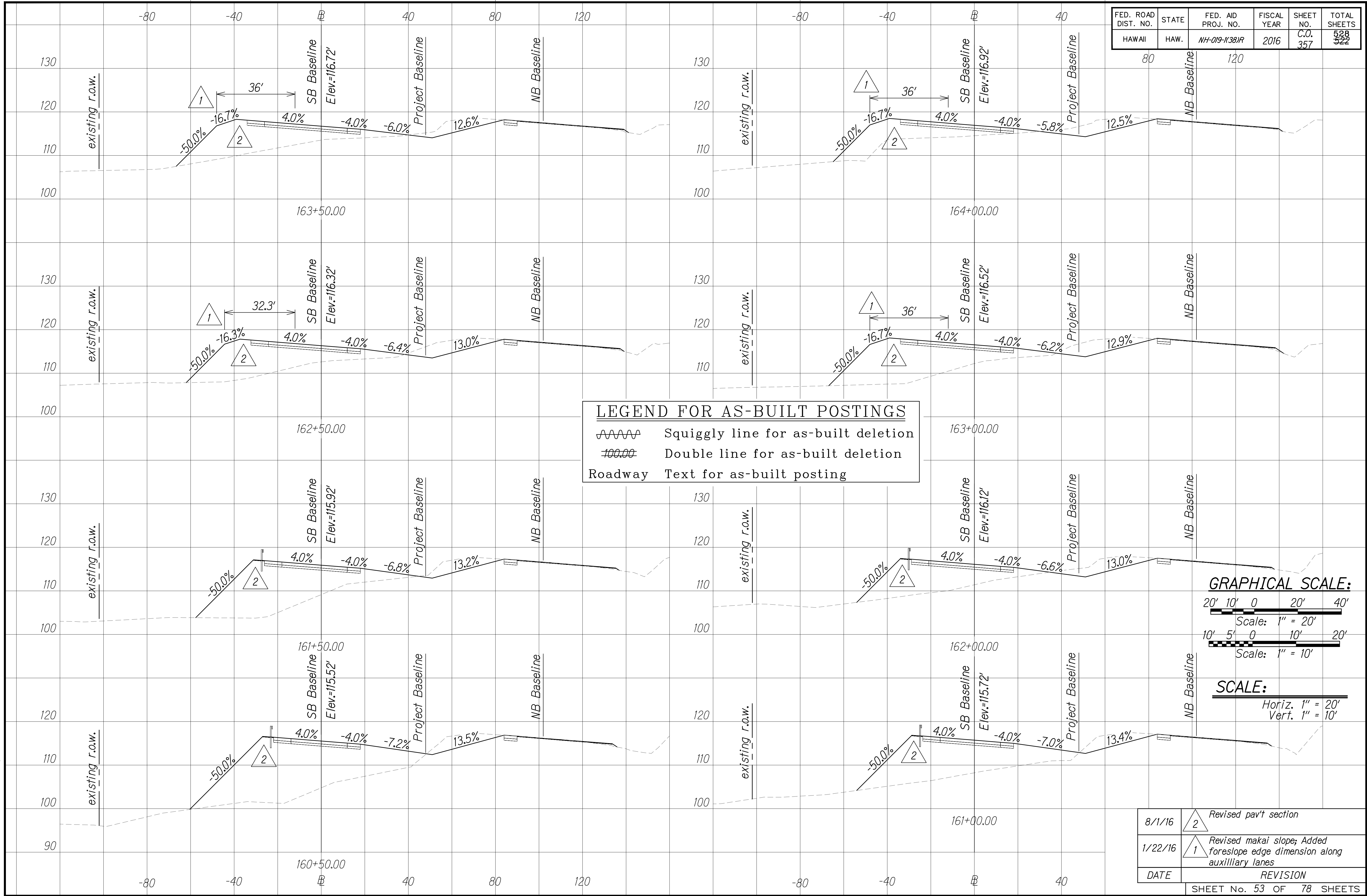
W&S CIVIL 3D PROJECT \$2008.003.001 G&E1 QUEEN K HWY WIDENING&01 CIVIL DRAWINGS \$350.359 CROSS SECTIONS 46 TO 55.DWG 8/4/2016 11:38 AM





|                  |                         |  |            |
|------------------|-------------------------|--|------------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY _____ |  | DATE _____ |
|                  | DRAWN BY _____          |  | " _____    |
| NOTE BOOK        | TRACED BY _____         |  | " _____    |
|                  | DESIGNED BY _____       |  | " _____    |
| No. _____        | QUANTITIES BY _____     |  | " _____    |
|                  | CHECKED BY _____        |  | " _____    |

W&S CIVIL 3D PROJECT \$2008-003.001 G&E1 QUEEN K HWY WIDENING/SD1 CIVIL DRAWINGS \$350.359 CROSS SECTIONS 46 TO 55.DWG 8/4/2016 11:38 AM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-K381R       | 2016        | C.O. 357  | 528 522      |

|                           |              |                                                                            |
|---------------------------|--------------|----------------------------------------------------------------------------|
| 8/1/16                    | <div>2</div> | Revised pav't section                                                      |
| 1/22/16                   | <div>1</div> | Revised makai slope; Added foreslope edge dimension along auxilliary lanes |
| DATE                      | REVISION     |                                                                            |
| SHEET No. 53 OF 78 SHEETS |              |                                                                            |

"AS-BUILT"

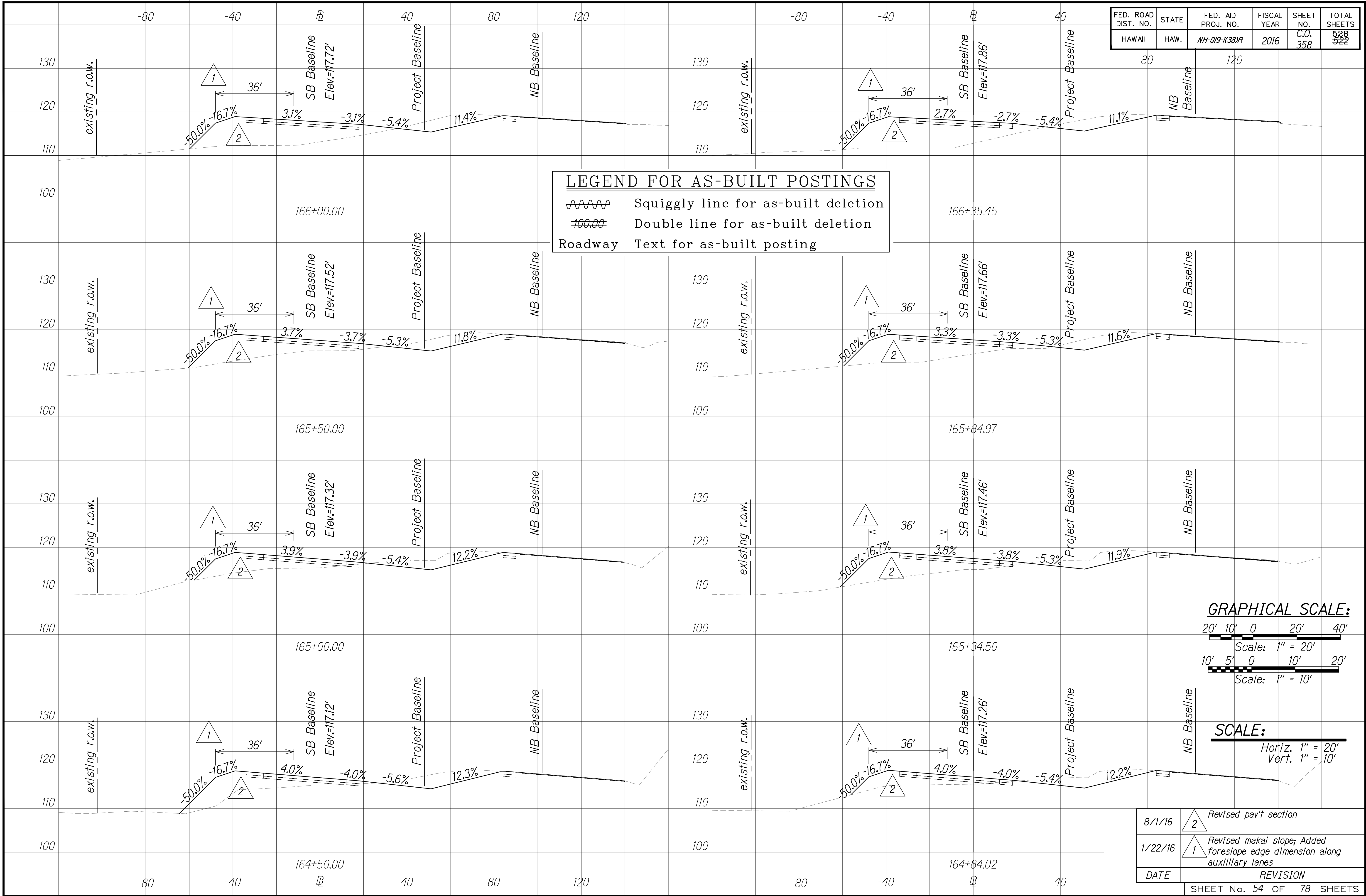
8/4/2016 11:41 AM

C.O. 357



|                  |                                    |  |
|------------------|------------------------------------|--|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY _____ DATE _____ |  |
|                  | DESIGNED BY _____                  |  |
| NOTE BOOK        | TRACED BY _____                    |  |
|                  | DESIGNED BY _____                  |  |
| No. _____        | QUANTITIES BY _____                |  |
|                  | CHECKED BY _____                   |  |

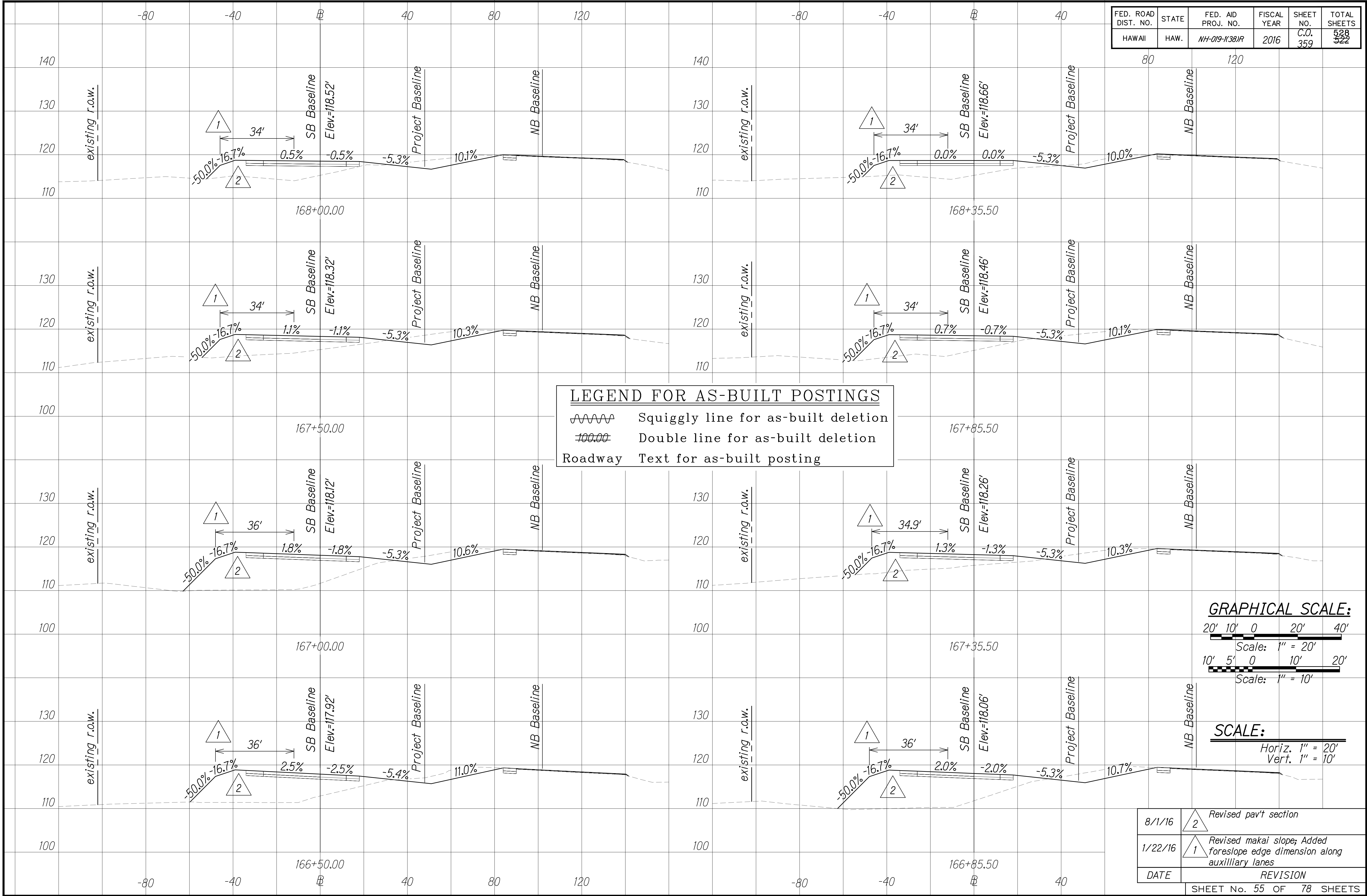
W&S CIVIL 3D PROJECT \$2008.003.001 G&T QUEEN K HWY WIDENING&01 CIVIL DRAWINGS \$350.359 CROSS SECTIONS 46 TO 55.DWG 8/4/2016 11:54 AM





|                  |                   |  |      |
|------------------|-------------------|--|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY |  | DATE |
|                  | DESIGNED BY       |  |      |
| NOTE BOOK        | TRACED BY         |  |      |
|                  | DESIGNED BY       |  |      |
| No.              | QUANTITIES BY     |  |      |
|                  | CHECKED BY        |  |      |

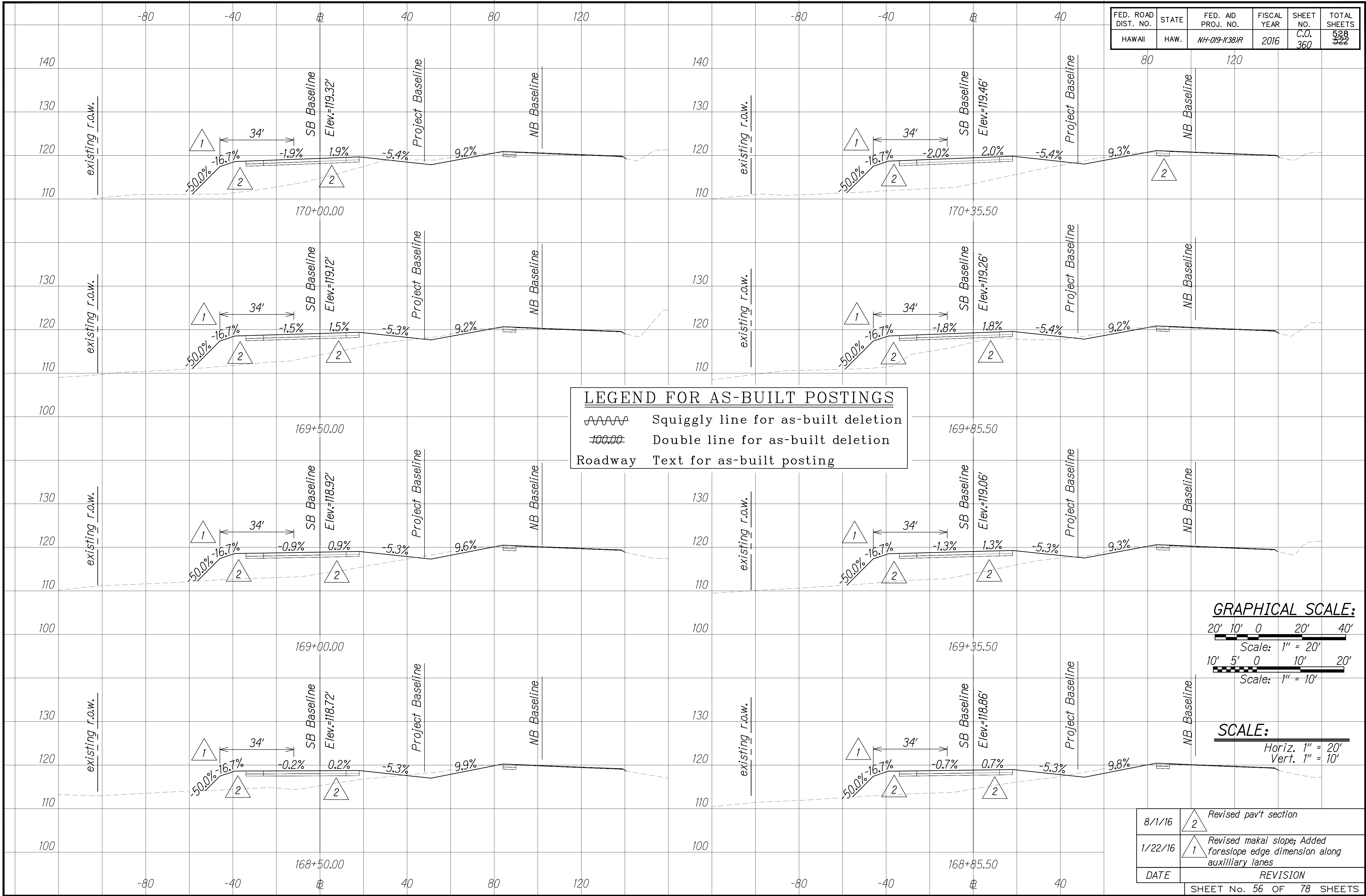
W&S CIVIL 3D PROJECT \$2008.003.001 G&I QUEEN K HWY WIDENING&B CIVIL DRAWINGS \$350.359 CROSS SECTIONS 46 TO 55.DWG 8/4/2016 11:55 AM





|                  |                   |      |
|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
|                  | DESIGNED BY       |      |
| NOTE BOOK        | TRACED BY         |      |
|                  | DESIGNED BY       |      |
| No.              | QUANTITIES BY     |      |
|                  | CHECKED BY        |      |

W:\\_CIVIL\_3D\_PROJECTS\2008\_003\_001\_GEI\_QUEEN\_K\_HWY\_WIDENING\01\_CIVIL\_DRAWINGS\360\_369\_CROSS\_SECTIONS\_56\_TO\_65.DWG 8/4/2016 1:04 PM



"AS-BUILT"

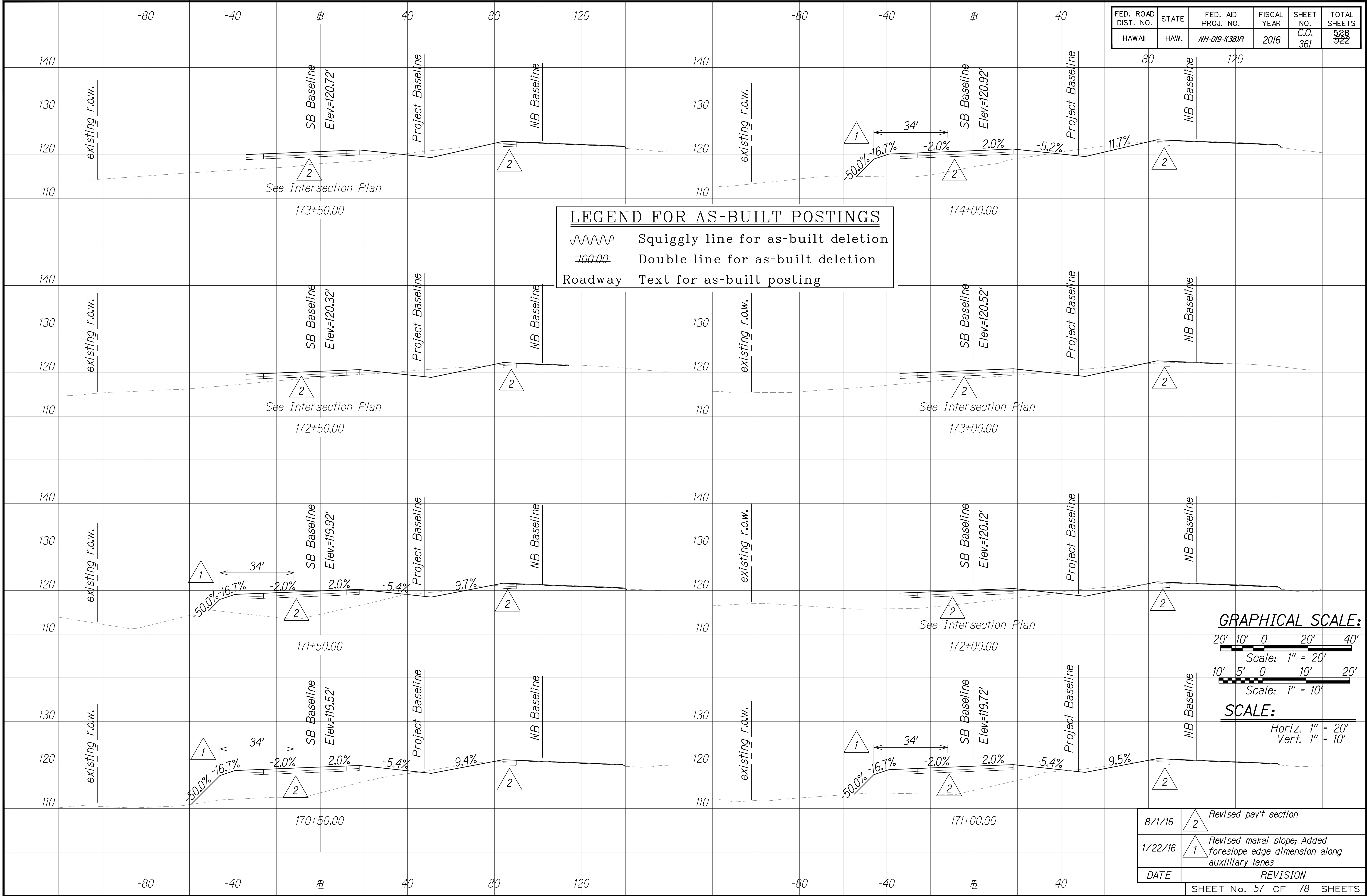
8/4/2016 1:04 PM

C.O. 360



|                  |                   |      |
|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
|                  | DESIGNED BY       |      |
|                  | TRACED BY         |      |
|                  | CHECKED BY        |      |
| NOTE BOOK        | DESIGNED BY       |      |
|                  | QUANTITIES BY     |      |
|                  | CHECKED BY        |      |
|                  | No.               |      |

W:\\_CIVIL\_3D\_PROJECTS\2008\_003\_001\_GEI\_QUEEN\_K\_HWY\_WIDENING\01\_CIVIL\_DRAWINGS\360\_369\_CROSS\_SECTIONS 56 TO 65.DWG 8/4/2016 1:04 PM



"AS-BUILT"

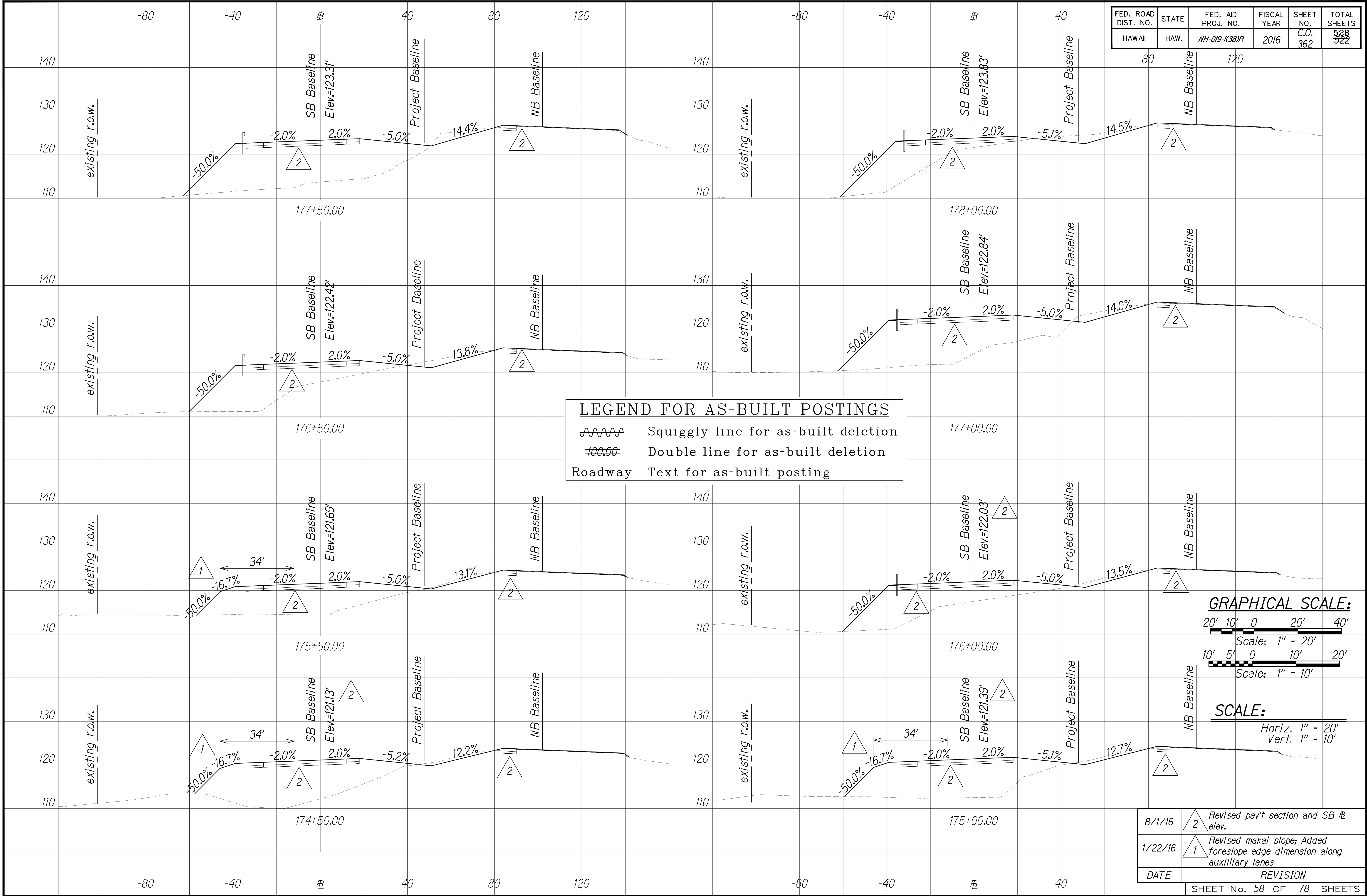
8/4/2016 1:06 PM

C.O. 361



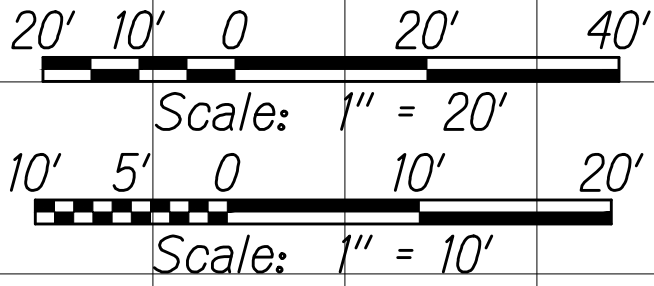
|               |                   |      |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK     | DESIGNED BY       |      |
| No.           | QUANTITIES BY     |      |
|               | CHECKED BY        |      |

W:\\_CIVIL\_3D\_PROJECTS\2008\_003\_001\_GEI\_QUEEN\_K\_HWY\_WIDENING\01\_CIVIL\_DRAWINGS\360\_369\_CROSS\_SECTIONS 56 TO 65.DWG 8/4/2016 1:04 PM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-K381R       | 2016        | C.O. 362  | 528 522      |

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'  
Vert. 1" = 10'

|                           |              |                                                                            |
|---------------------------|--------------|----------------------------------------------------------------------------|
| 8/1/16                    | <div>2</div> | Revised pav't section and SB @ elev.                                       |
| 1/22/16                   | <div>1</div> | Revised makai slope; Added foreslope edge dimension along auxilliary lanes |
| DATE                      | REVISION     |                                                                            |
| SHEET No. 58 OF 78 SHEETS |              |                                                                            |

"AS-BUILT"

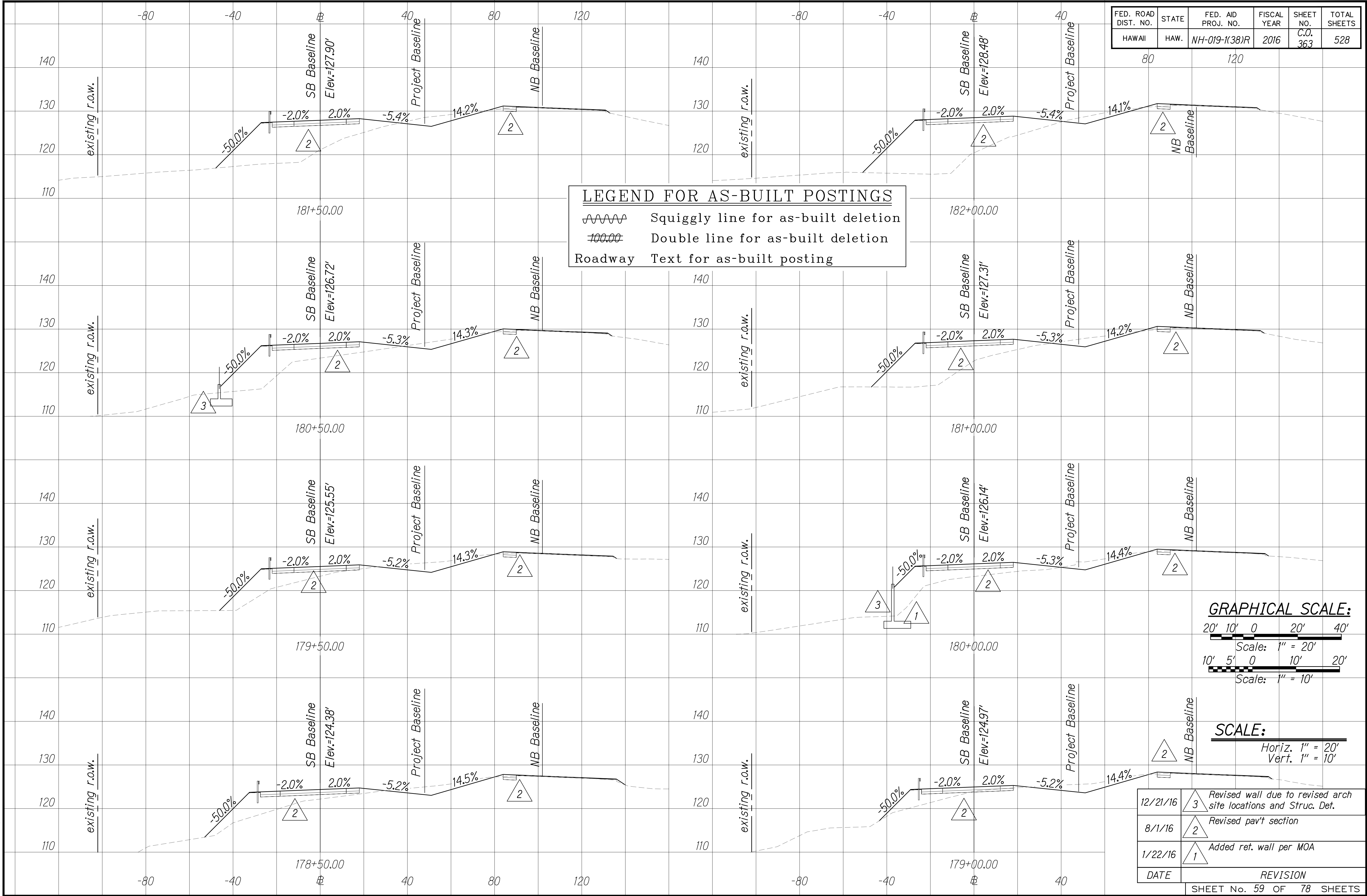
8/4/2016 1:08 PM

C.O. 362



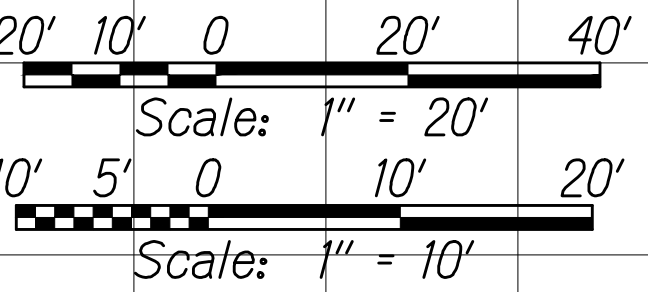
|                  |                   |      |
|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
|                  | DESIGNED BY       |      |
| NOTE BOOK        | QUANTITIES BY     |      |
|                  | CHECKED BY        |      |
| No.              |                   |      |

W:\\_CIVIL\_3D\PROJECTS\2008\_2013\_001\GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\360\_369 CROSS SECTIONS 56 TO 65.DWG 1/5/2017 3:35 PM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-1(38)R      | 2016        | C.O. 363  | 528          |

**GRAPHICAL SCALE:**



**SCALE:**

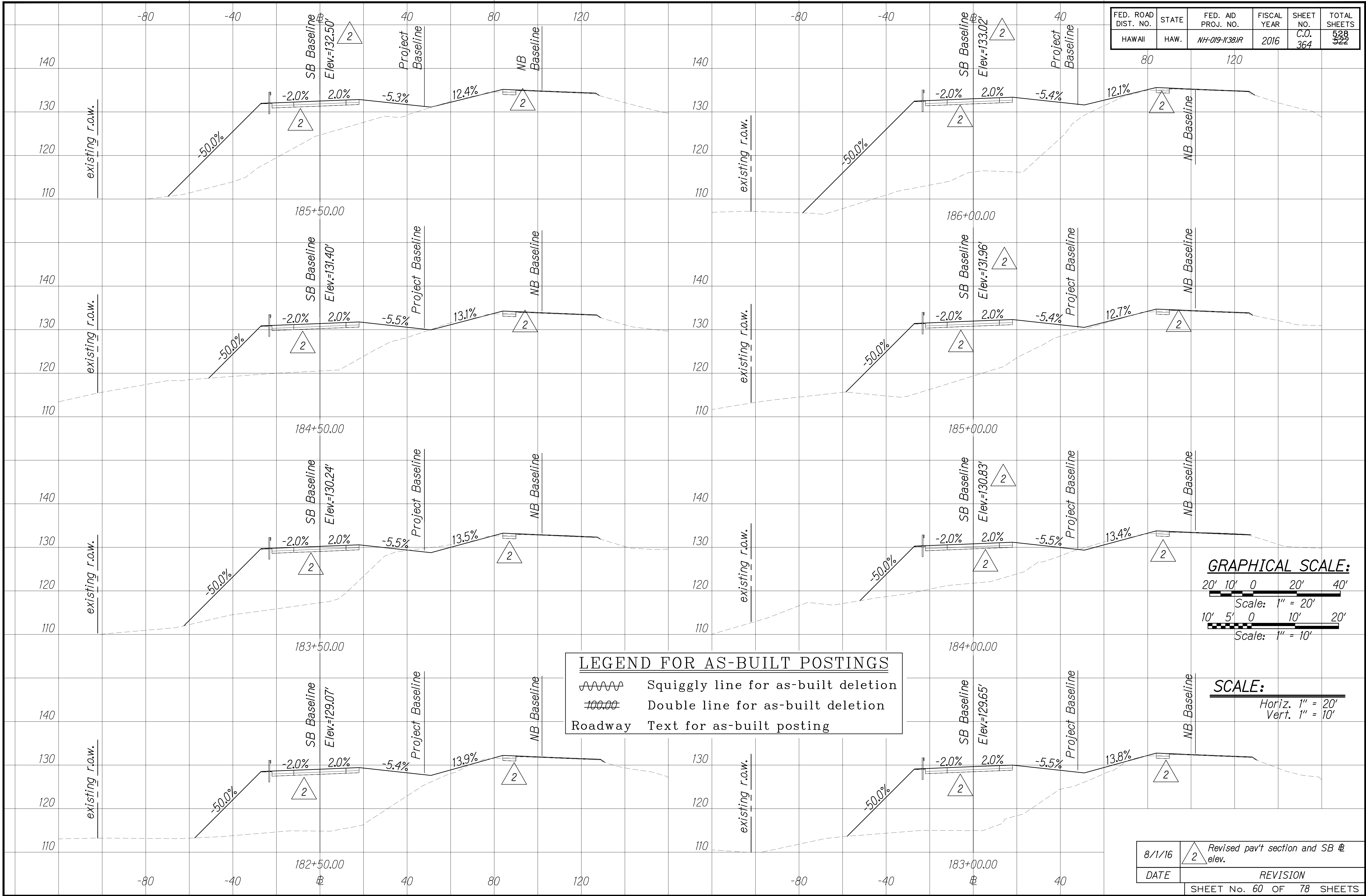
Horiz. 1" = 20'  
Vert. 1" = 10'

|                           |                                                                                       |                                                                        |
|---------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 12/21/16                  |  | <i>Revised wall due to revised arch site locations and Struc. Def.</i> |
| 8/1/16                    |  | <i>Revised pav't section</i>                                           |
| 1/22/16                   |  | <i>Added ret. wall per MOA</i>                                         |
| DATE                      | REVISION                                                                              |                                                                        |
| SHEET No. 59 OF 78 SHEETS |                                                                                       |                                                                        |



|                  |                   |      |
|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
|                  | DESIGNED BY       |      |
| NOTE BOOK        | QUANTITIES BY     |      |
|                  | CHECKED BY        |      |
| No.              |                   |      |

W:\\_CIVIL\_3D\_PROJECTS\2008\_2013\_001\_GEI\_QUEEN\_K\_HWY\_WIDENING\01\_CIVIL\_DRAWINGS\360\_369\_CROSS\_SECTIONS\_56\_TO\_65.DWG 8/4/2016 1:04 PM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-1(38)R      | 2016        | C.O. 364  | 528 522      |

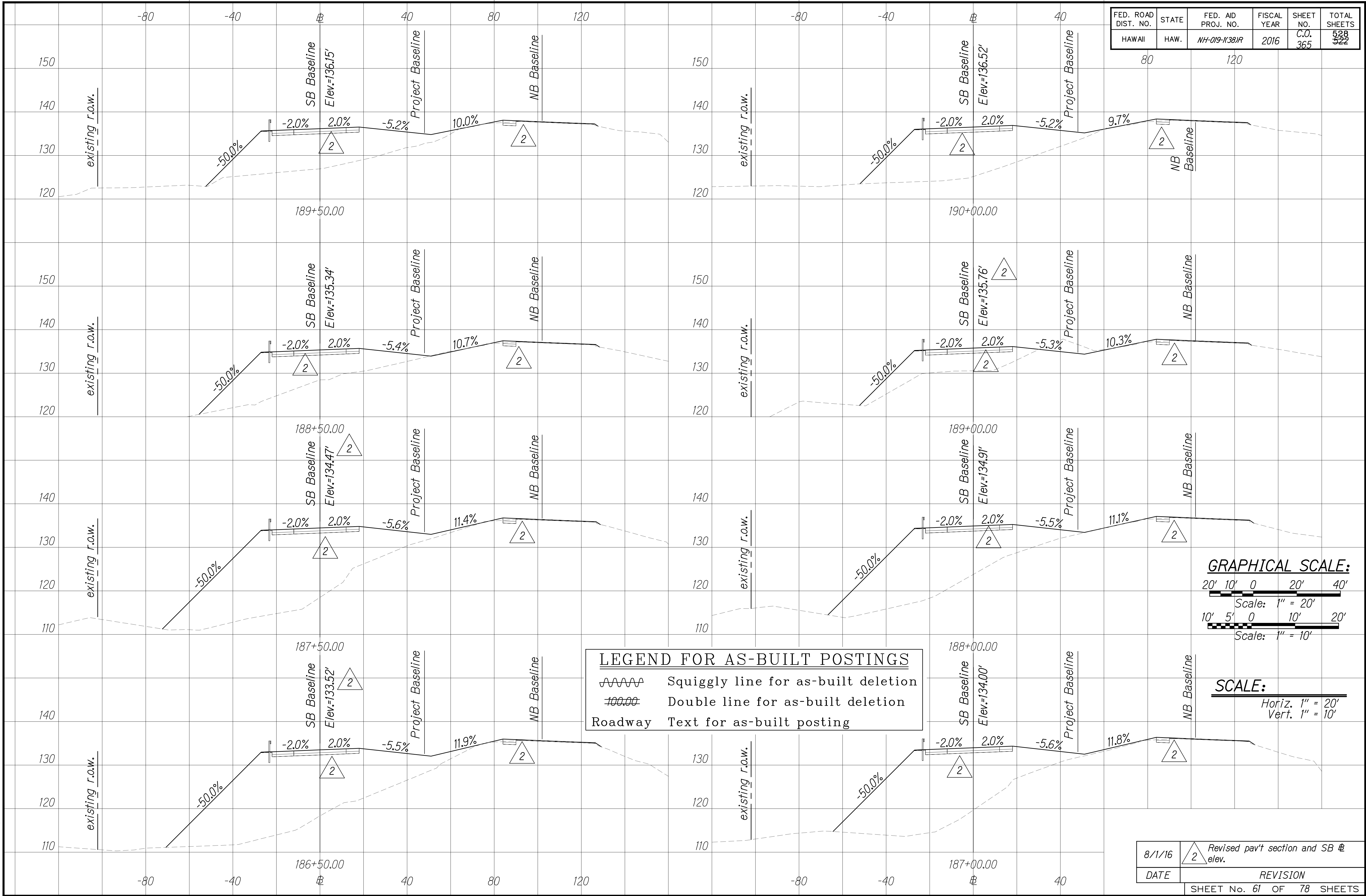
|                           |              |                                      |
|---------------------------|--------------|--------------------------------------|
| 8/1/16                    | <div>2</div> | Revised pav't section and SB # elev. |
| DATE                      | REVISION     |                                      |
| SHEET No. 60 OF 78 SHEETS |              |                                      |

C.O. 364



|                  |                   |      |
|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
|                  | DESIGNED BY       |      |
| NOTE BOOK        | QUANTITIES BY     |      |
|                  | CHECKED BY        |      |
| No.              |                   |      |

W:\\_CIVIL\_3D\_PROJECTS\2008\_003\_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\360\_369 CROSS SECTIONS 56 TO 65.DWG 8/4/2016 1:04 PM



"AS-BUILT"

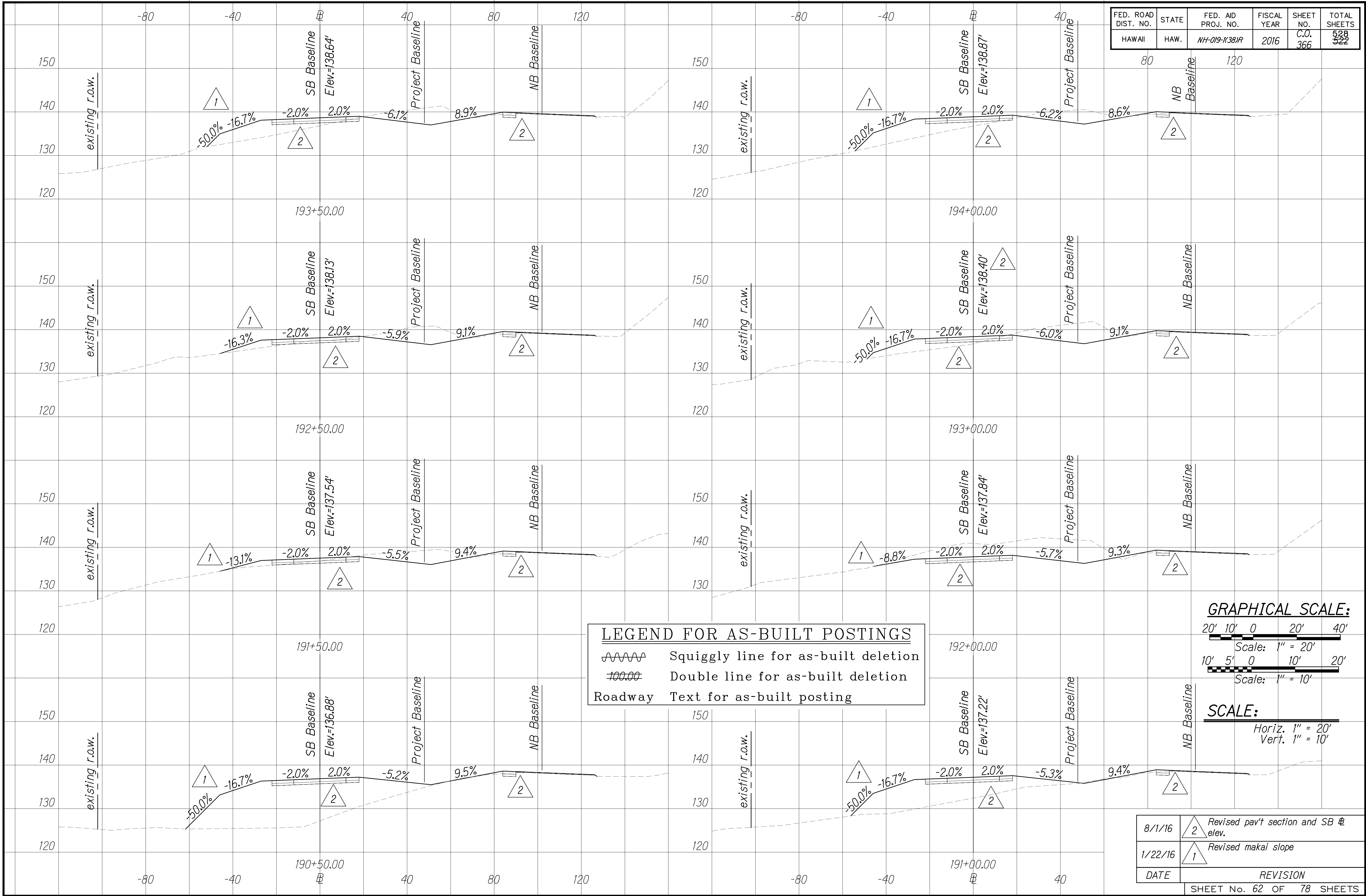
8/4/2016 1:17 PM

C.O. 365



|                  |                   |      |
|------------------|-------------------|------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY | DATE |
|                  | DESIGNED BY       |      |
| NOTE BOOK        | QUANTITIES BY     |      |
|                  | CHECKED BY        |      |
| No.              |                   |      |

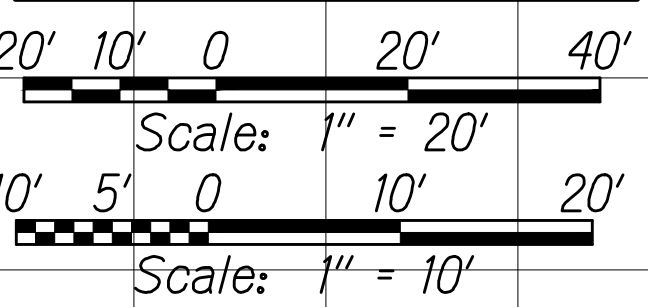
W:\\_CIVIL\_3D\_PROJECTS\2008\_003\_001\_GEI\_QUEEN\_K\_HWY\_WIDENING\01\_CIVIL\_DRAWINGS\360\_369\_CROSS\_SECTIONS\_56\_TO\_65.DWG 8/4/2016 1:04 PM



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | NH-019-1(38)R      | 2016        | C.O. 366  | 528 522      |

**LEGEND FOR AS-BUILT POSTINGS**  
~~~~~ Squiggly line for as-built deletion  
= Double line for as-built deletion
Roadway Text for as-built posting

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'
Vert. 1" = 10'

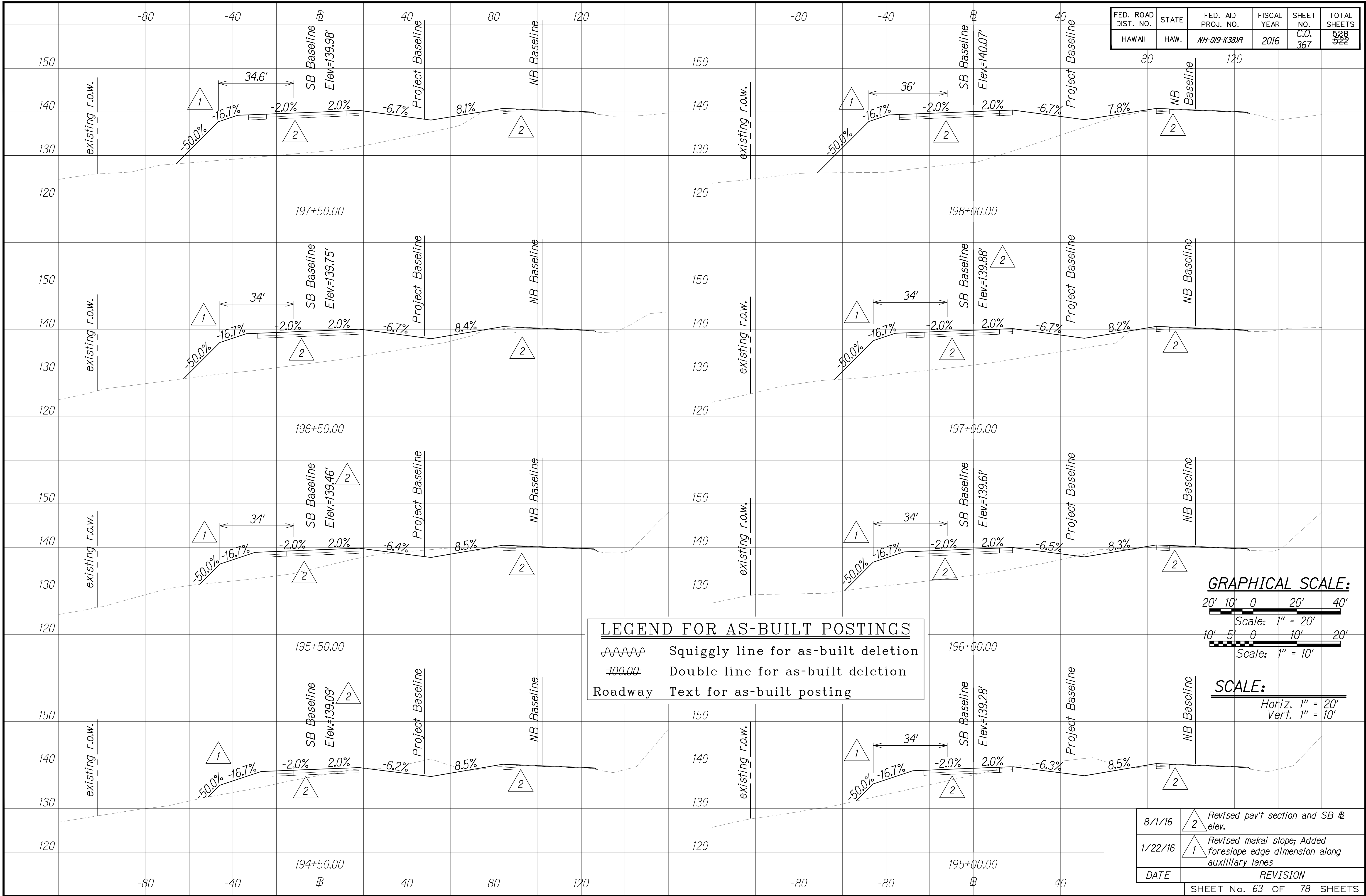
| | | |
|---------------------------|---|--------------------------------------|
| 8/1/16 |  | Revised pav't section and SB @ elev. |
| 1/22/16 |  | Revised makai slope |
| DATE | REVISION | |
| SHEET No. 62 OF 78 SHEETS | | |

"AS-BUILT"

C.O. 366

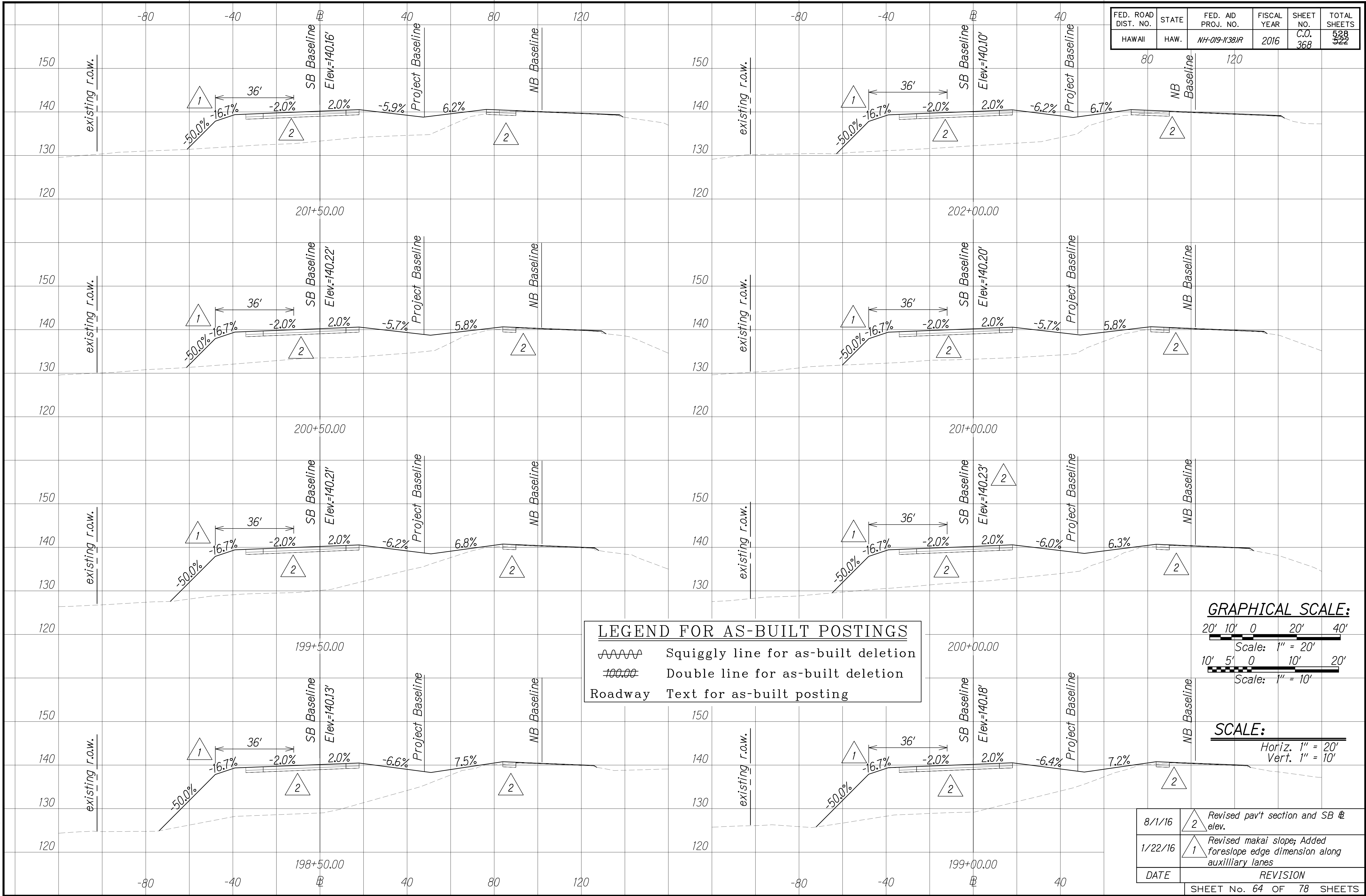
| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| NOTE BOOK | QUANTITIES BY | |
| | CHECKED BY | |
| No. | | |

W:_CIVIL_3D_PROJECTS\2008_2013_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\360_369_CROSS_SECTIONS_56_TO_65.DWG 8/4/2016 1:04 PM



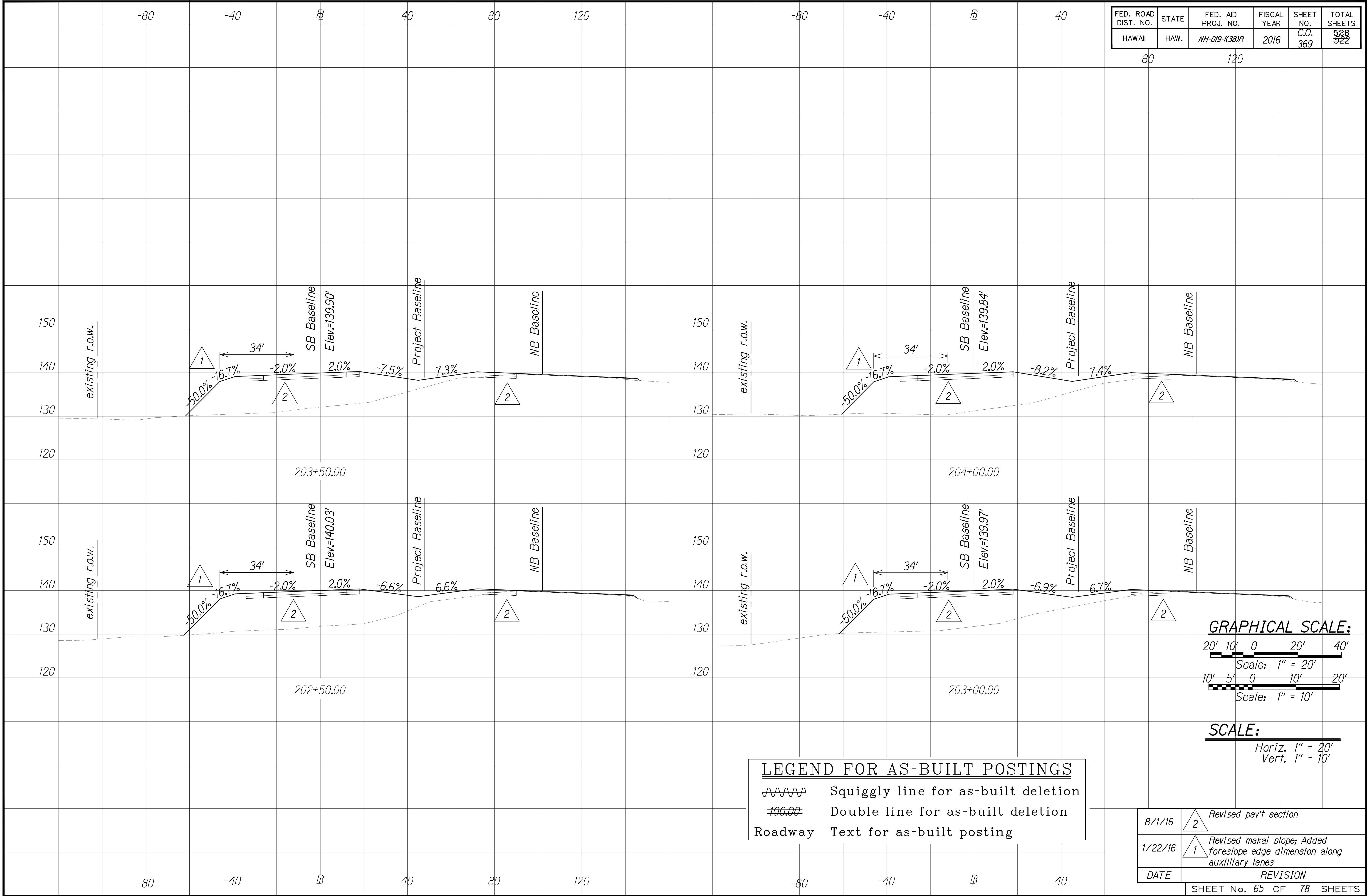
| | | | |
|------------------|-------------------|--|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | | DATE |
| | DESIGNED BY | | |
| NOTE BOOK | TRACED BY | | |
| | DESIGNED BY | | |
| No. | QUANTITIES BY | | |
| | CHECKED BY | | |

W:_CIVIL_3D\PROJECTS\2008_003_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\360_369_CROSS_SECTIONS 56 TO 65.DWG 8/4/2016 1:04 PM



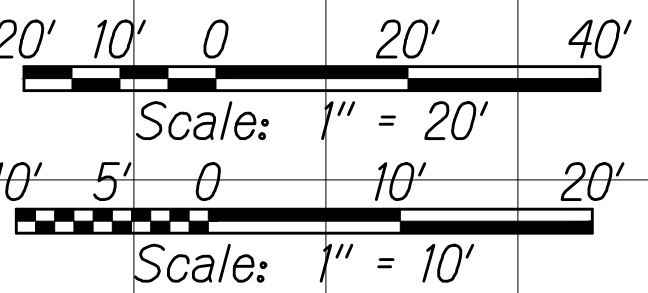
| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| | QUANTITIES BY | |
| | CHECKED BY | |
| NOTE BOOK | | |
| No. | | |

W:_CIVIL_3D_PROJECTS\2008_003_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\360_369_CROSS_SECTIONS 56 TO 65.DWG 8/4/2016 1:23 PM



| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|-----------------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O. 369 | 528
522 |

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'
Vert. 1" = 10'

LEGEND FOR AS-BUILT POSTINGS

- Squiggly line for as-built deletion
- Double line for as-built deletion
- Roadway Text for as-built posting

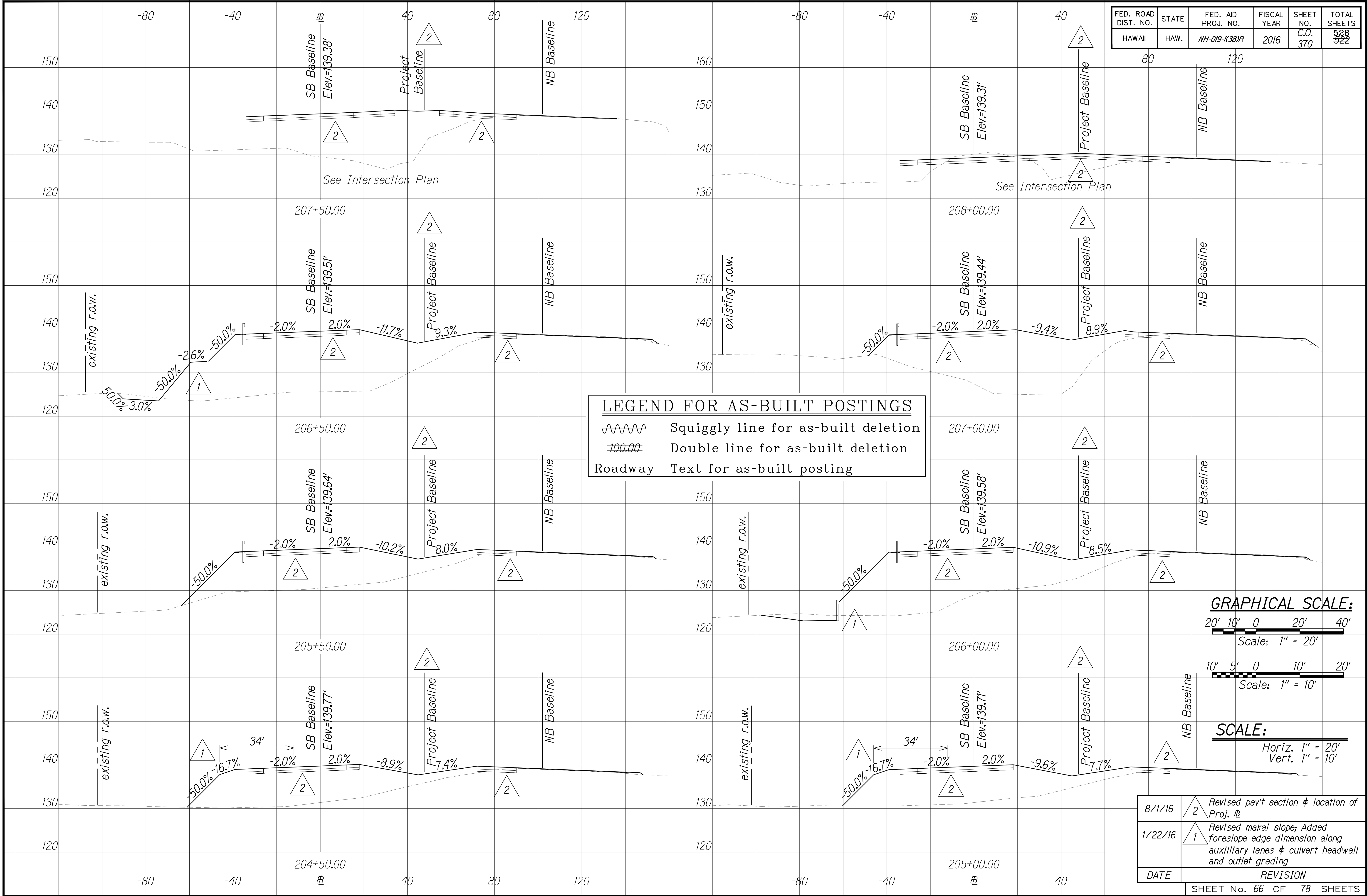
| | | |
|---------|---------------------------|---|
| 8/1/16 | <div>2</div> | <i>Revised pav't section</i> |
| 1/22/16 | <div>1</div> | <i>Revised makai slope; Added
foreslope edge dimension along
auxilliary lanes</i> |
| DATE | REVISION | |
| | SHEET No. 65 OF 78 SHEETS | |

"AS-BUILT"

C.O. 369

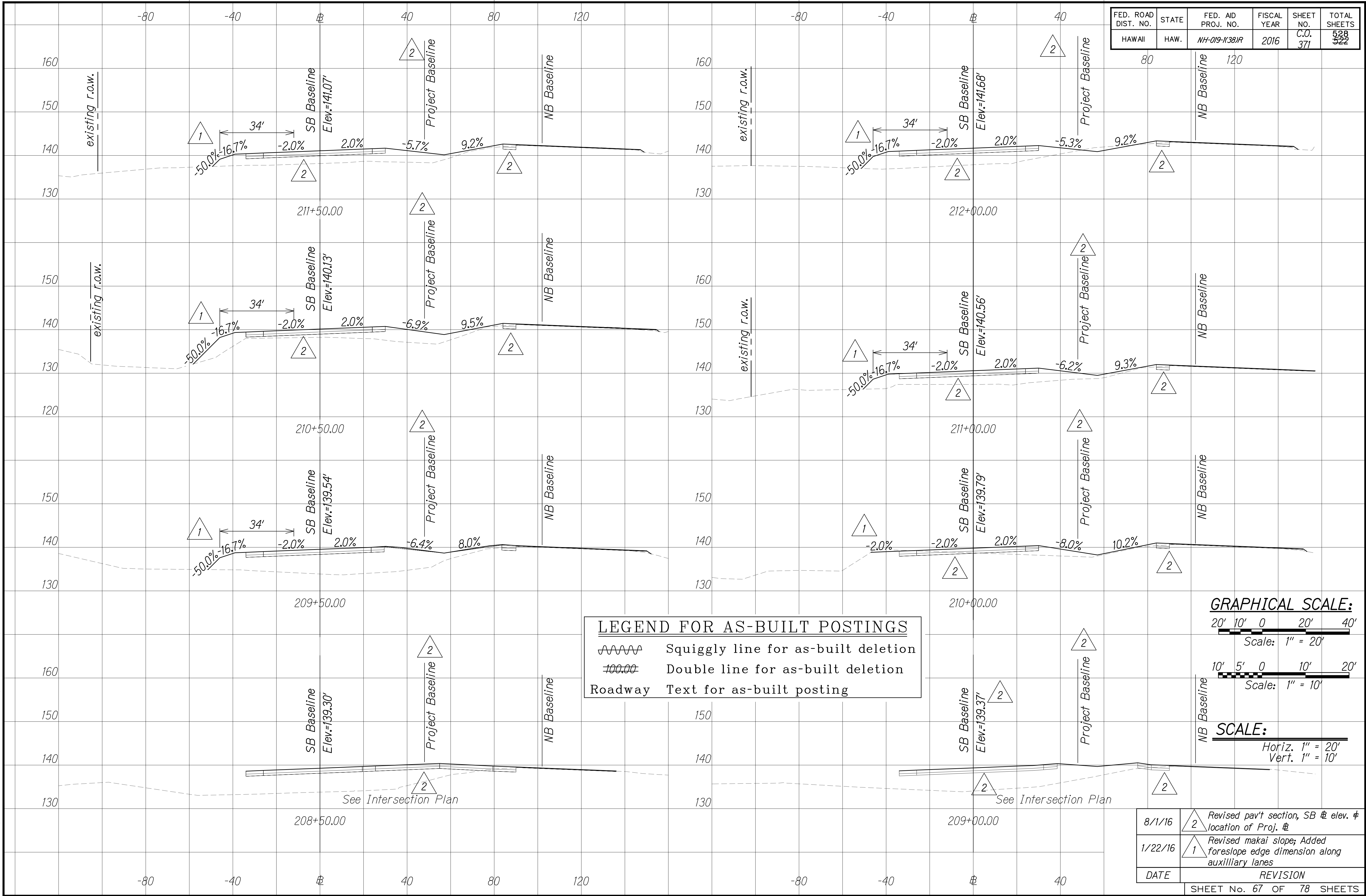
| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| NOTE BOOK | QUANTITIES BY | |
| | CHECKED BY | |
| No. | | |

W:_CIVIL_3D_PROJECTS\2008_2013_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\370_382_CROSS_SECTIONS 66 TO 78.DWG 8/4/2016 3:27 PM



| | | |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK | DESIGNED BY | |
| No. | QUANTITIES BY | |
| | CHECKED BY | |

W:_CIVIL_3D_PROJECTS\2008_003_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\370_382_CROSS_SECTIONS 66 TO 78.DWG 8/4/2016 3:55 PM



| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-K381R | 2016 | C.O. 371 | 528 522 |

| | | |
|---------------------------|--------------|--|
| 8/1/16 | <div>2</div> | Revised pav't section, SB @ elev. #
location of Proj. # |
| 1/22/16 | <div>1</div> | Revised makai slope; Added
foreslope edge dimension along
auxilliary lanes |
| DATE | REVISION | |
| SHEET No. 67 OF 78 SHEETS | | |

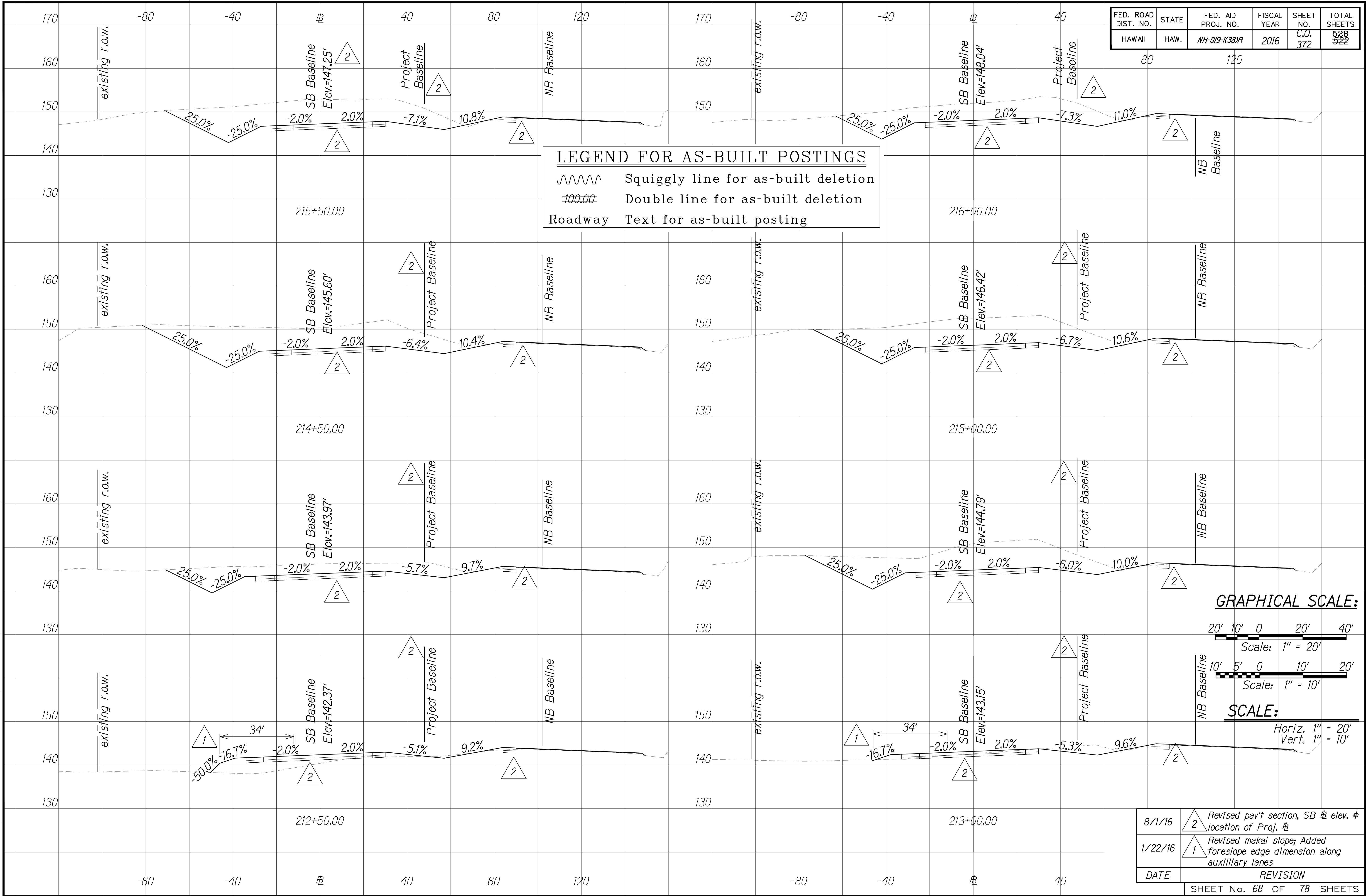
"AS-BUILT"

8/4/2016 3:56 PM

C.O. 371

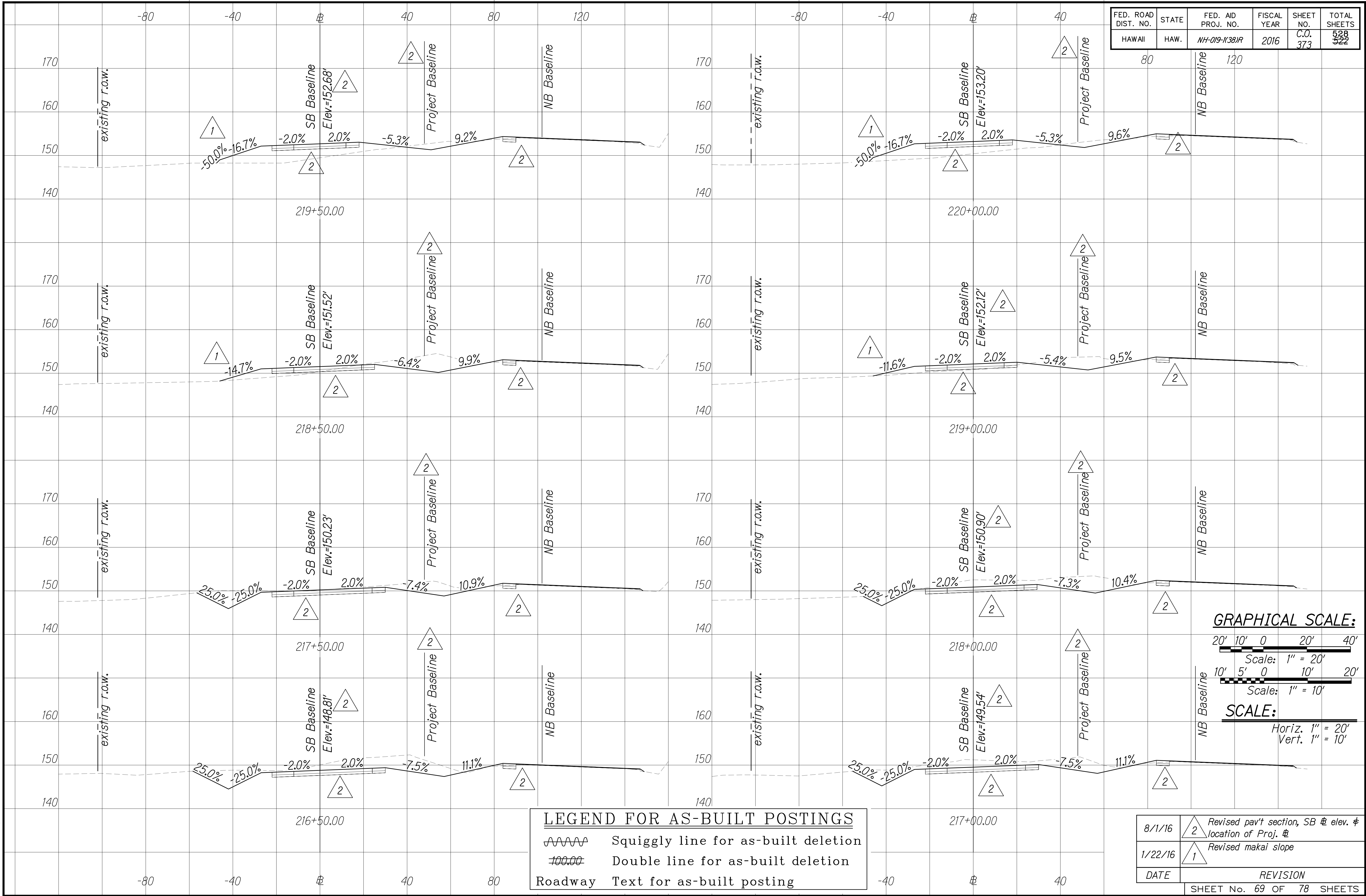
| | | |
|-------------------------|-------------------|------|
| ORIGINAL
PLAN
No. | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| | NOTED BY | |
| | CHECKED BY | |

W:_CIVIL_3D_PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\70_382 CROSS SECTIONS 66 TO 78.DWG 8/4/2016 3:55 PM



| | | |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK | DESIGNED BY | |
| No. | QUANTITIES BY | |
| | CHECKED BY | |

W:_CIVIL_3D_PROJECTS\2008_003_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\370_382_CROSS_SECTIONS 66 TO 78.DWG 8/4/2016 4:04 PM



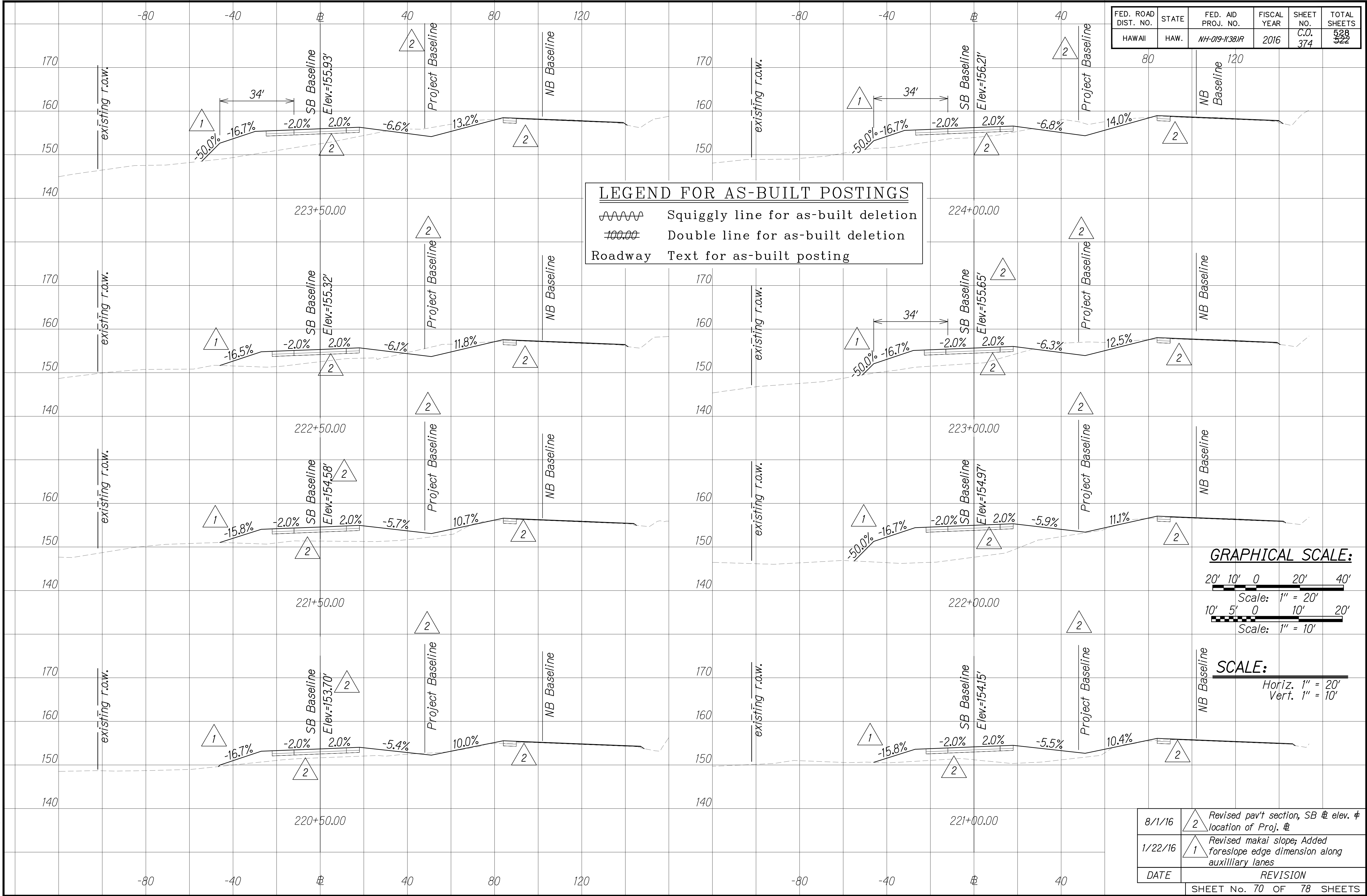
"AS-BUILT"

8/4/2016 4:04 PM

C.O. 373

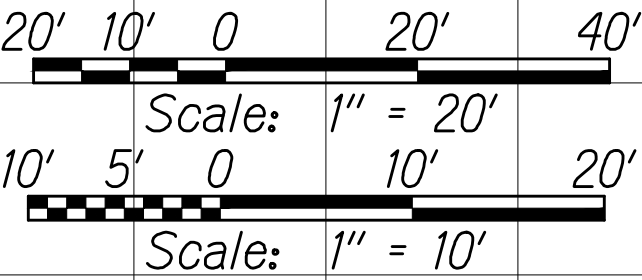
| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| NOTE BOOK | QUANTITIES BY | |
| | CHECKED BY | |
| No. | | |

W:_CIVIL_3D_PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\370_382 CROSS SECTIONS 66 TO 78.DWG 8/4/2016 4:04 PM



| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|-----------------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O. 374 | 528
522 |

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'
Vert. 1" = 10'

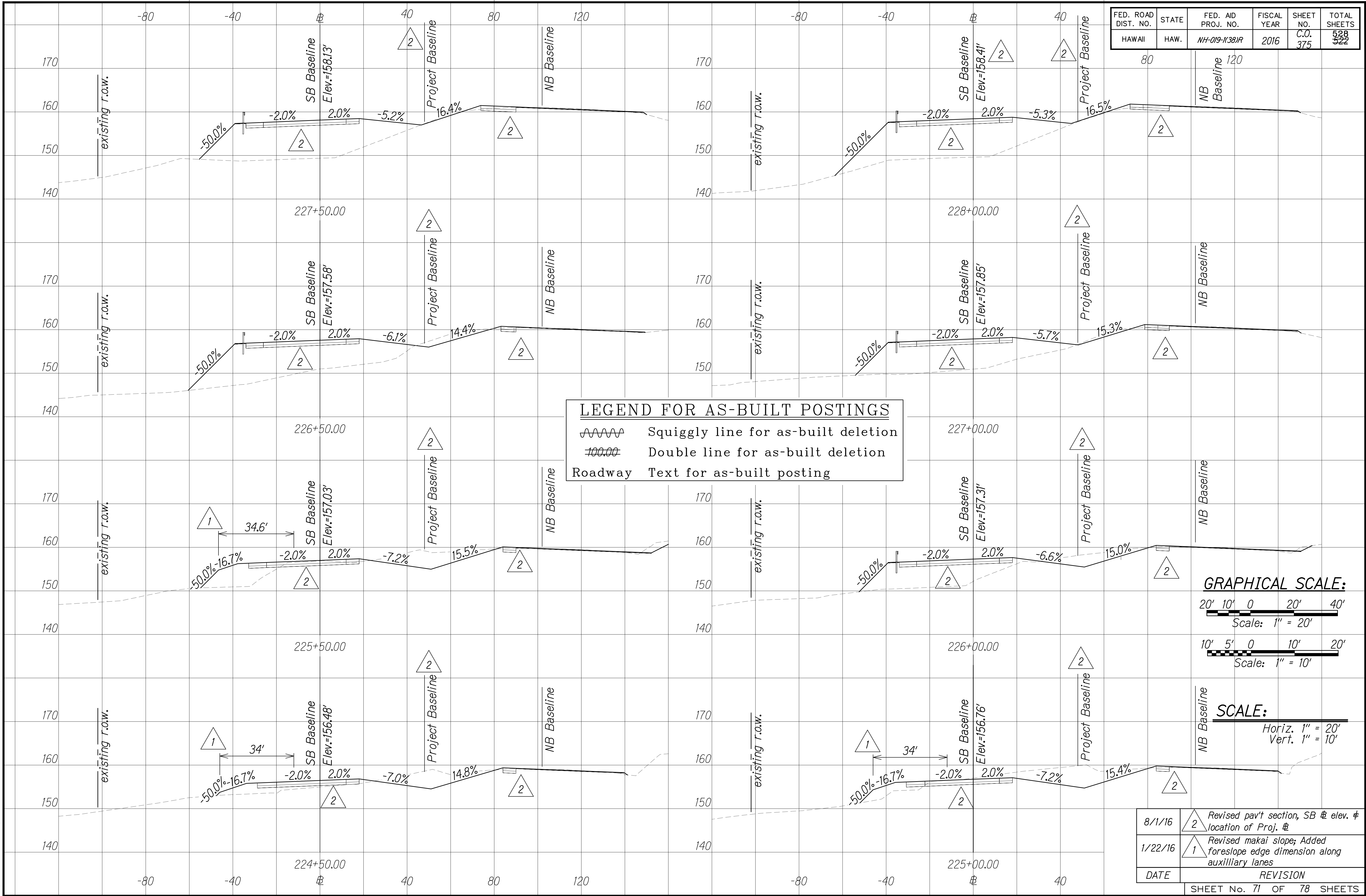
| | | |
|---------------------------|--------------|--|
| 8/1/16 | <div>2</div> | Revised pav't section, SB @ elev. # location of Proj. @ |
| 1/22/16 | <div>1</div> | Revised makai slope; Added foreslope edge dimension along auxilliary lanes |
| DATE | REVISION | |
| SHEET No. 70 OF 78 SHEETS | | |

"AS-BUILT"

C.O. 374

| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| NOTE BOOK | DESIGNED BY | |
| | QUANTITIES BY | |
| No. | CHECKED BY | |
| | | |

W:_CIVIL_3D_PROJECTS\2008_003_001_GEI_QUEEN_K_Hwy_WIDENING\01_CIVIL_DRAWINGS\370_382_CROSS_SECTIONS 66 TO 78.DWG 8/4/2016 4:04 PM



| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O. 375 | 528 522 |

| | | |
|---------|---------------------------|--|
| 8/1/16 | 2 | Revised pav't section, SB @ elev. #
location of Proj. # |
| 1/22/16 | 1 | Revised makai slope; Added
foreslope edge dimension along
auxilliary lanes |
| DATE | REVISION | |
| | SHEET No. 71 OF 78 SHEETS | |

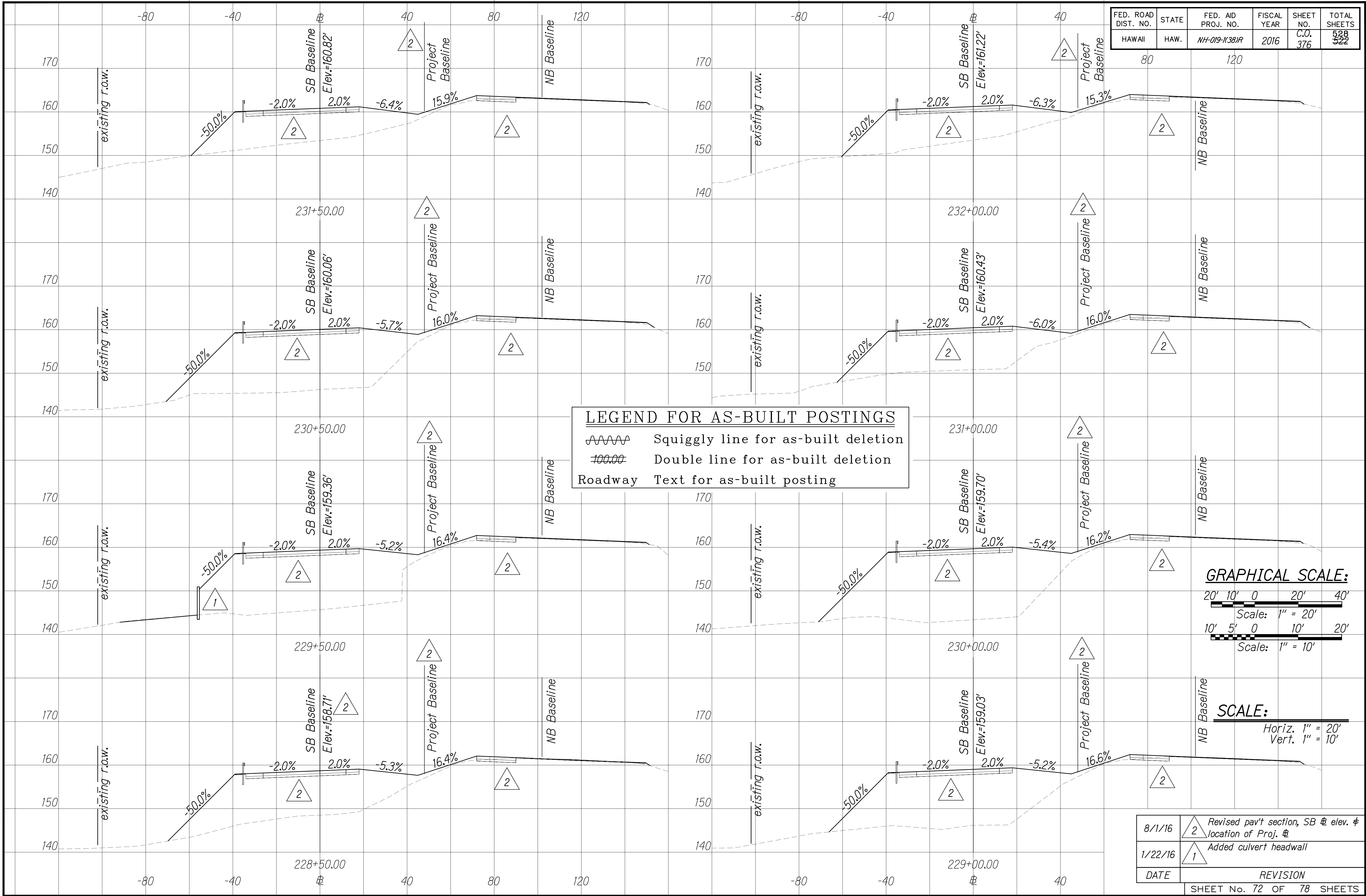
"AS-BUILT"

8/4/2016 4:31 PM

C.O. 375

| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| NOTE BOOK | QUANTITIES BY | |
| | CHECKED BY | |
| No. | | |

W:_CIVIL 3D PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\70_382 CROSS SECTIONS 66 TO 78.DWG 8/4/2016 4:04 PM



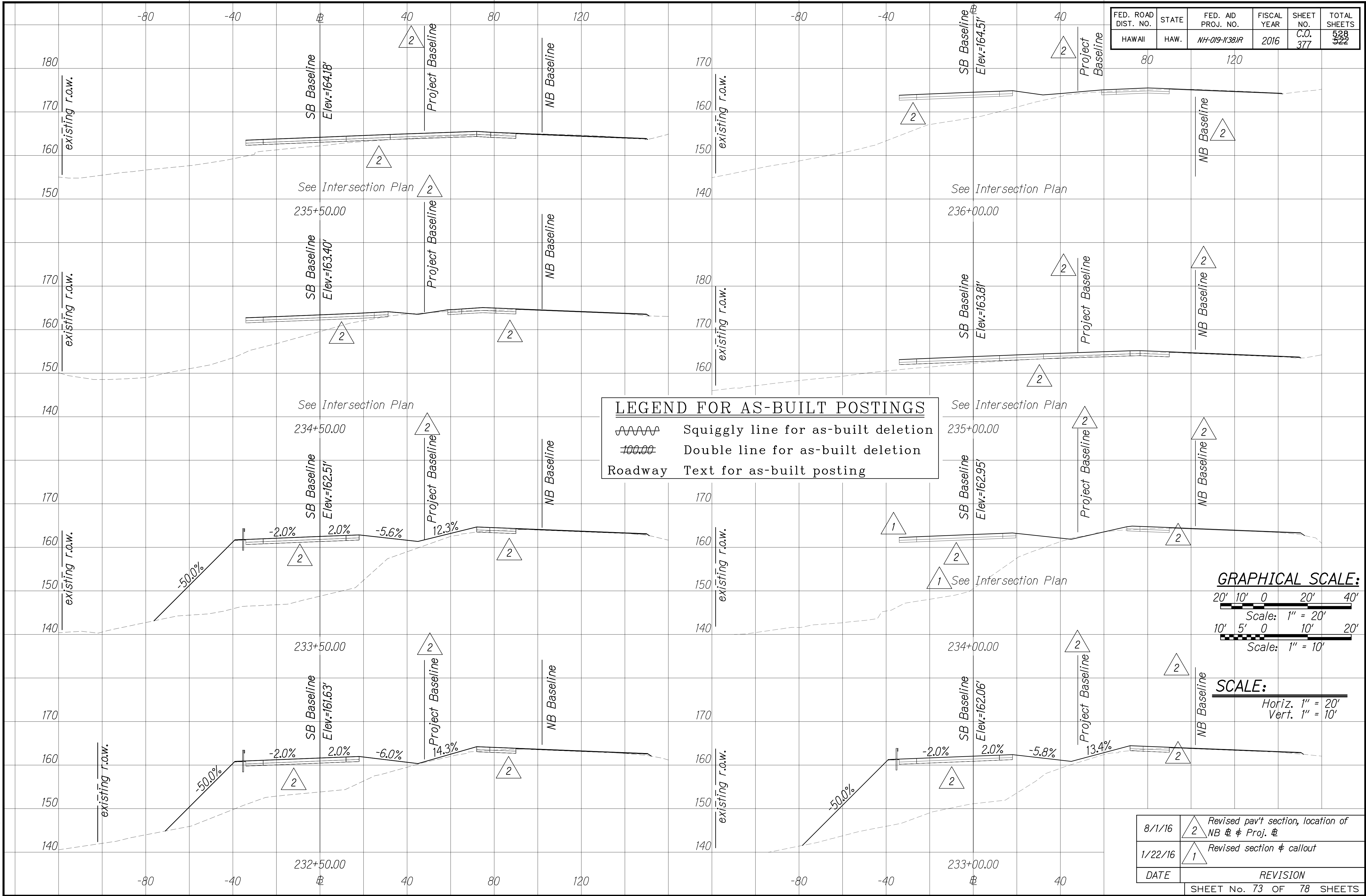
"AS-BUILT"

8/4/2016 4:12 PM

C.O. 376

| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| NOTE BOOK | QUANTITIES BY | |
| | CHECKED BY | |
| No. | | |

W:_CIVIL 3D PROJECTS\2008_2013_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\370_382 CROSS SECTIONS 66 TO 78.DWG 8/4/2016 4:04 PM



| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O. 377 | 528 522 |

| | | |
|---------------------------|--------------|--|
| 8/1/16 | <div>2</div> | Revised pav't section, location of NB 兕兕 Proj. 兕 |
| 1/22/16 | <div>1</div> | Revised section 兕 callout |
| DATE | REVISION | |
| SHEET No. 73 OF 78 SHEETS | | |

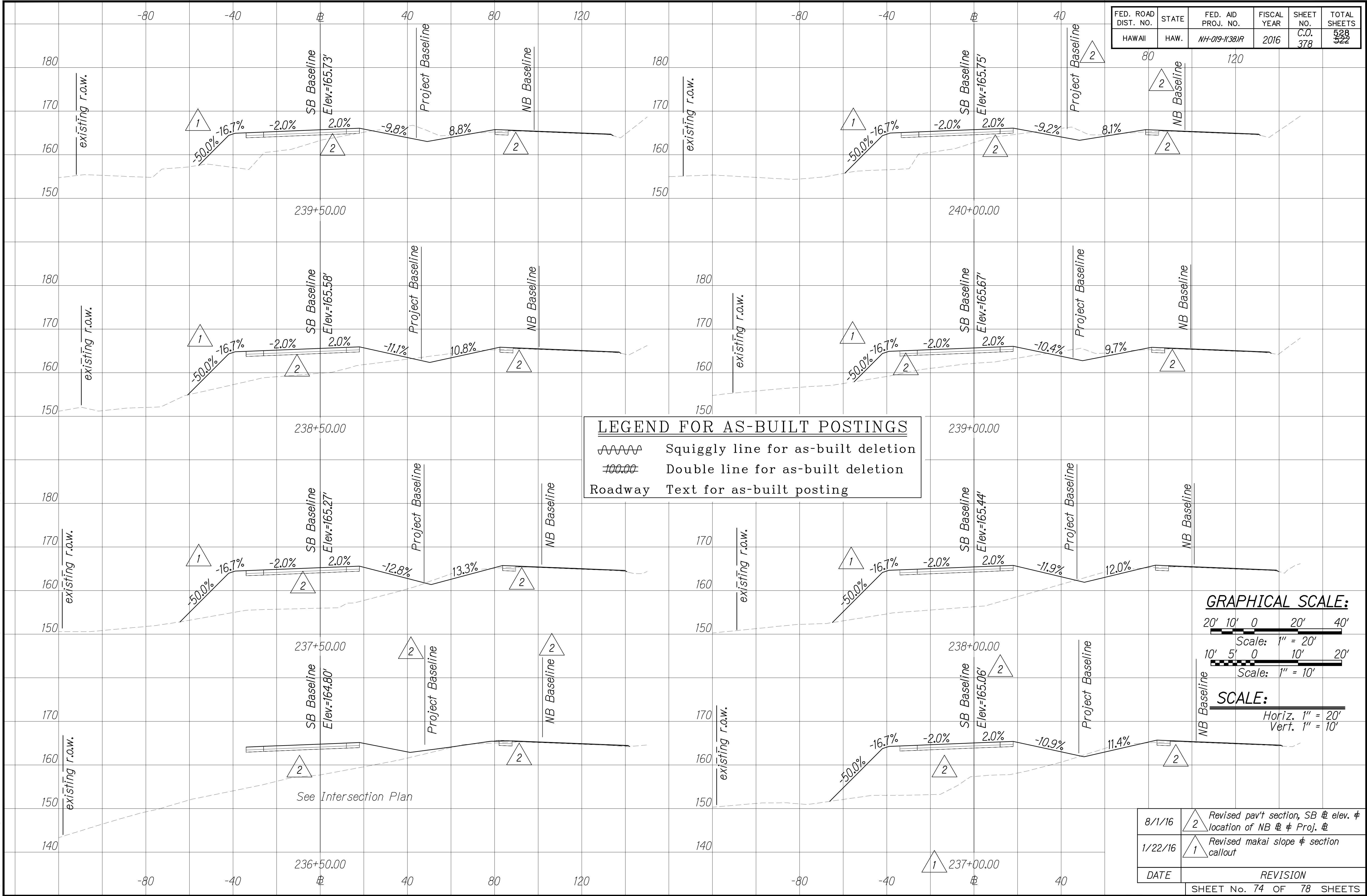
"AS-BUILT"

8/4/2016 4:21 PM

C.O. 377

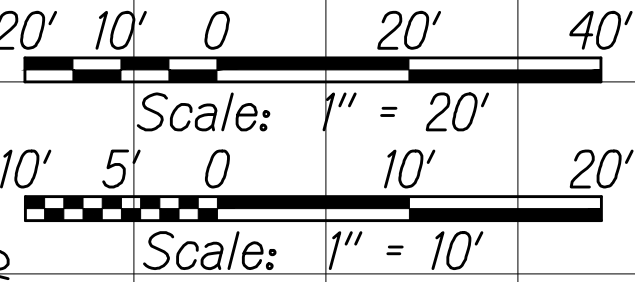
| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| | TRACED BY | |
| | CHECKED BY | |
| NOTE BOOK | DESIGNED BY | |
| | QUANTITIES BY | |
| | CHECKED BY | |
| | No. | |

W:_CIVIL_3D_PROJECTS\2008_003_001_GEI_QUEEN_K_HWY_WIDENING\01_CIVIL_DRAWINGS\370_382_CROSS_SECTIONS 66 TO 78.DWG 8/4/2016 4:04 PM



| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-K381R | 2016 | C.O. 378 | 528 522 |

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'
Vert. 1" = 10'

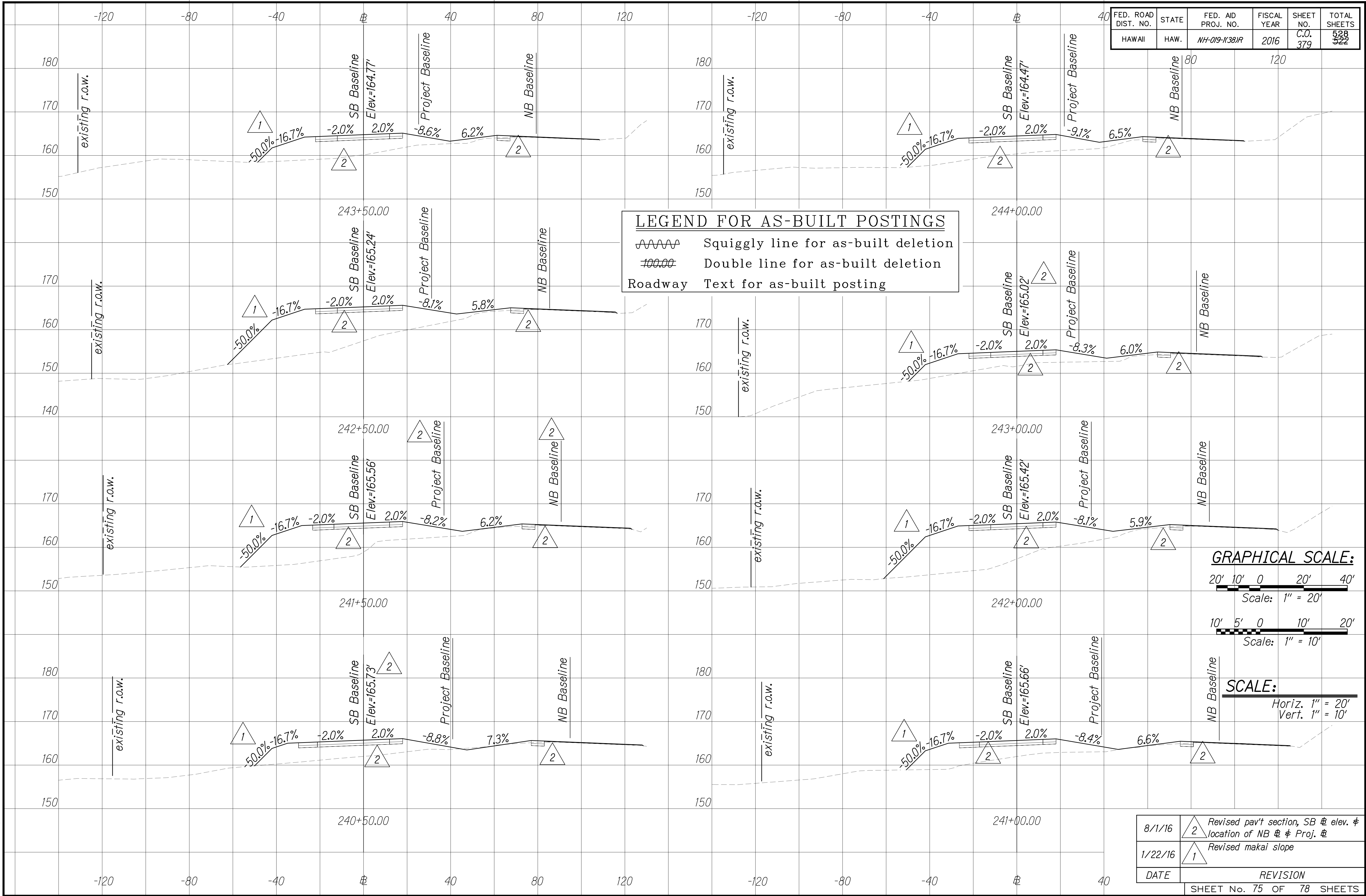
| | | |
|---------------------------|--------------|---|
| 8/1/16 | <div>2</div> | Revised pav't section, SB ￼ elev. ￼
location of NB ￼ ￼ Proj. ￼ |
| 1/22/16 | <div>1</div> | Revised makai slope ￼ section
callout |
| DATE | REVISION | |
| SHEET No. 74 OF 78 SHEETS | | |

"AS-BUILT"

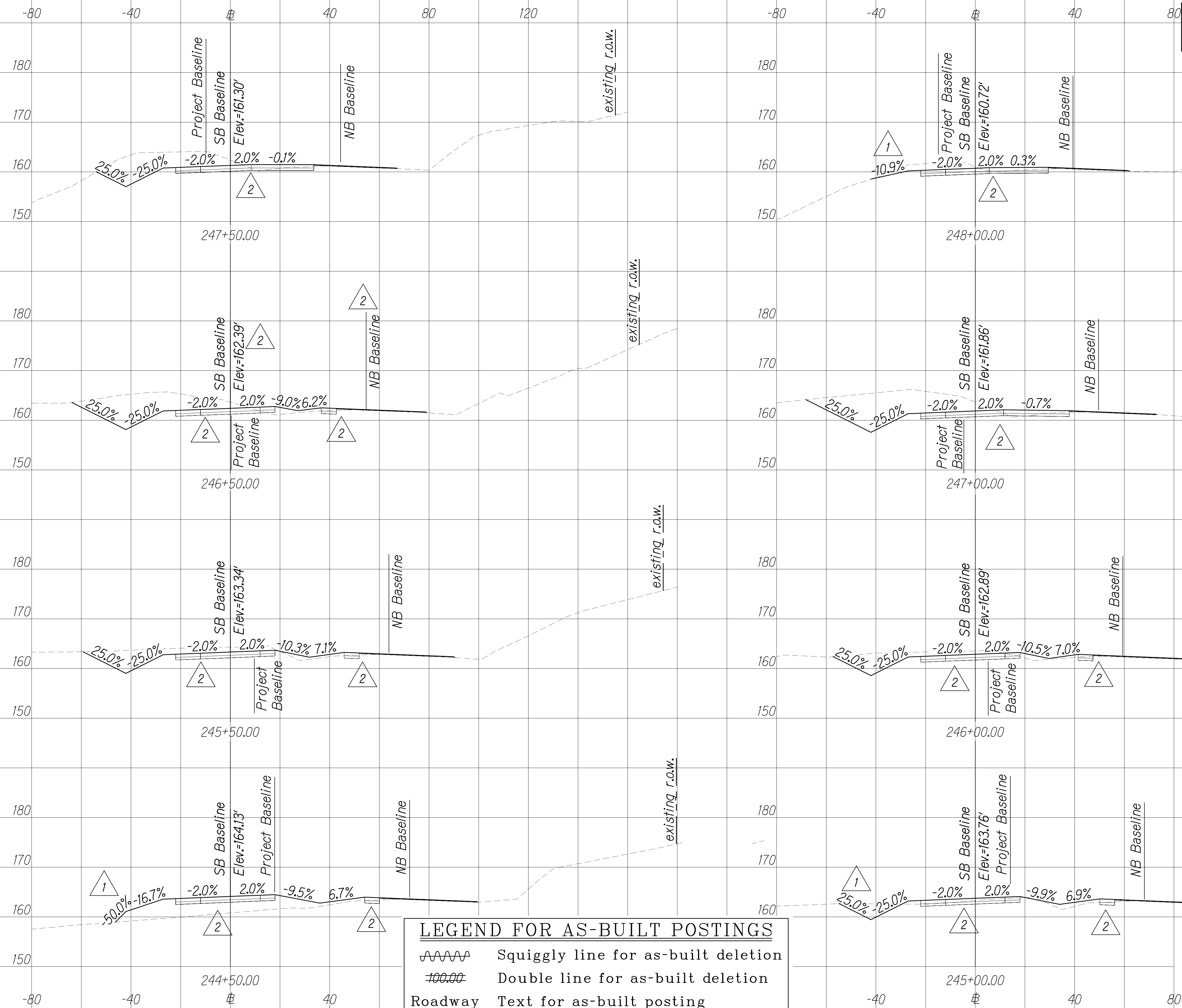
C.O. 378

| | | |
|-------------------------|-------------------|------|
| ORIGINAL
PLAN
No. | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| | QUANTITIES BY | |
| | CHECKED BY | |

W:_CIVIL 3D PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\370_382 CROSS SECTIONS 66 TO 78.DWG 8/4/2016 4:04 PM



| FED. ROAD
DIST. NO. | STATE | FED. AID
PROJ. NO. | FISCAL
YEAR | SHEET
NO. | TOTAL
SHEETS |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| HAWAII | HAW. | NH-019-1(38)R | 2016 | C.O.
380 | 528
522 |



| | | |
|---------------------------|---|--|
| 8/1/16 |  | <i>Revised pav't section, SB to elev. of</i> |
| 1/22/16 |  | <i>Revised makai slope</i> |
| DATE | REVISION | |
| SHEET No. 76 OF 78 SHEETS | | |

"AS-BUILT"

8/4/2016 4:32 PM

C.O. 380

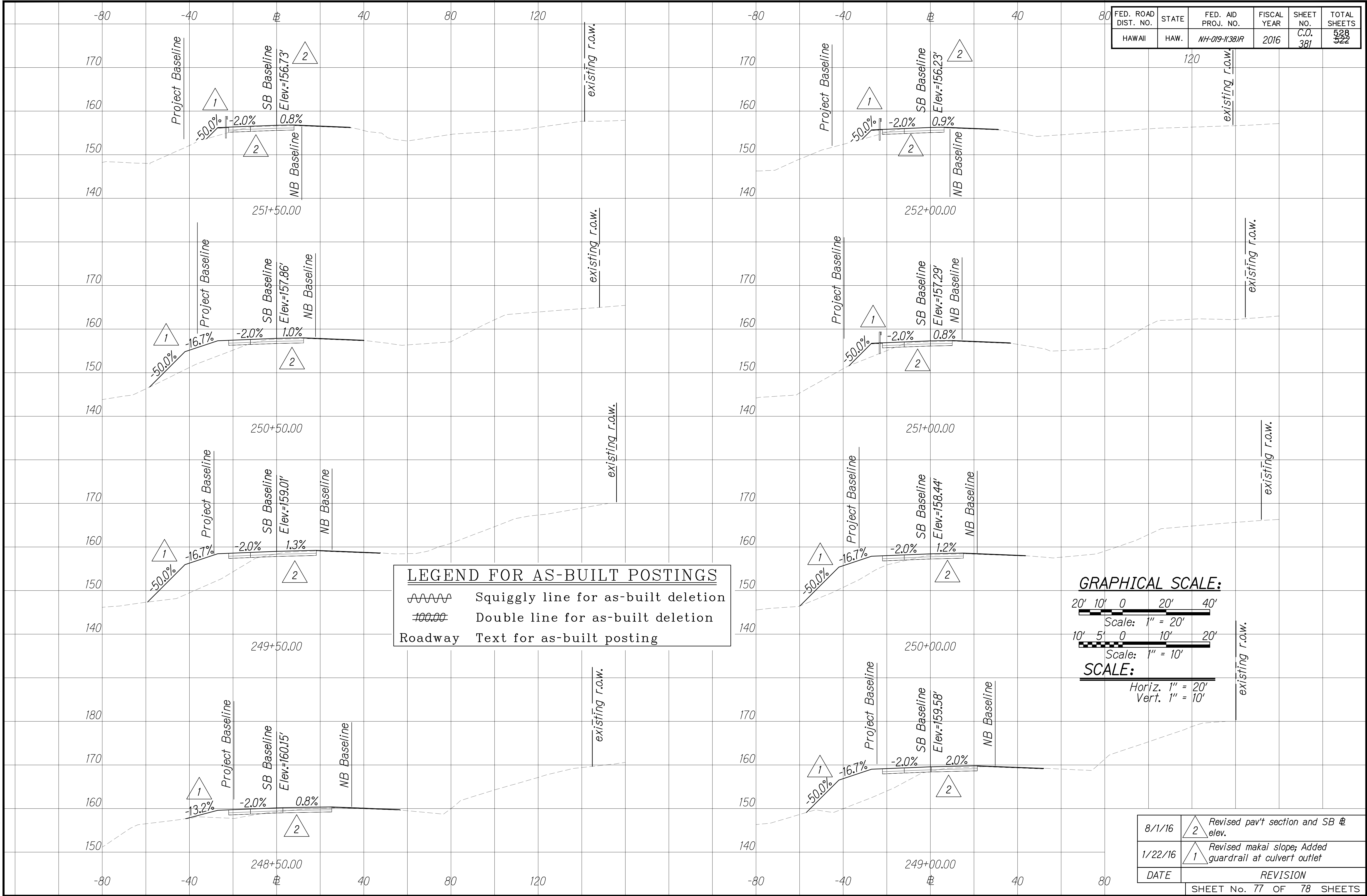
| LEGEND FOR AS-BUILT POSTINGS | |
|---|-------------------------------------|
|  | Squiggly line for as-built deletion |
|  | Double line for as-built deletion |
| Roadway | Text for as-built posting |

| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
|------------------|-------------------|------|
| NOTE BOOK | DRAWN BY | |
| | TRACED BY | |
| | DESIGNED BY | |
| | QUANTITIES BY | |
| | CHECKED BY | |
| No. _____ | | |

W:_CIVIL 3D PROJECTS\2008_003_001 GBI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\370_382 CROSS SECTIONS 66 TO 78.DWG 8/4/2016 4:04 PM

| | | |
|------------------|-------------------|------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY | DATE |
| | DESIGNED BY | |
| NOTE BOOK | TRACED BY | |
| | DESIGNED BY | |
| No. | QUANTITIES BY | |
| | CHECKED BY | |

W:_CIVIL 3D PROJECTS\2008_003_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\370_382 CROSS SECTIONS 66 TO 78.DWG 8/4/2016 4:04 PM



| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-019-K(38)R | 2016 | C.O. 381 | 528 522 |

LEGEND FOR AS-BUILT POSTINGS
Squiggly line for as-built deletion
Double line for as-built deletion
Roadway Text for as-built posting

GRAPHICAL SCALE:
20' 10' 0 20' 40'
Scale: 1" = 20'
10' 5' 0 10' 20'
Scale: 1" = 10'
SCALE:
Horiz. 1" = 20'
Vert. 1" = 10'

| | | |
|---------------------------|--------------|--|
| 8/1/16 | <div>2</div> | Revised pav't section and SB @ elev. |
| 1/22/16 | <div>1</div> | Revised makai slope; Added guardrail at culvert outlet |
| DATE | REVISION | |
| SHEET No. 77 OF 78 SHEETS | | |

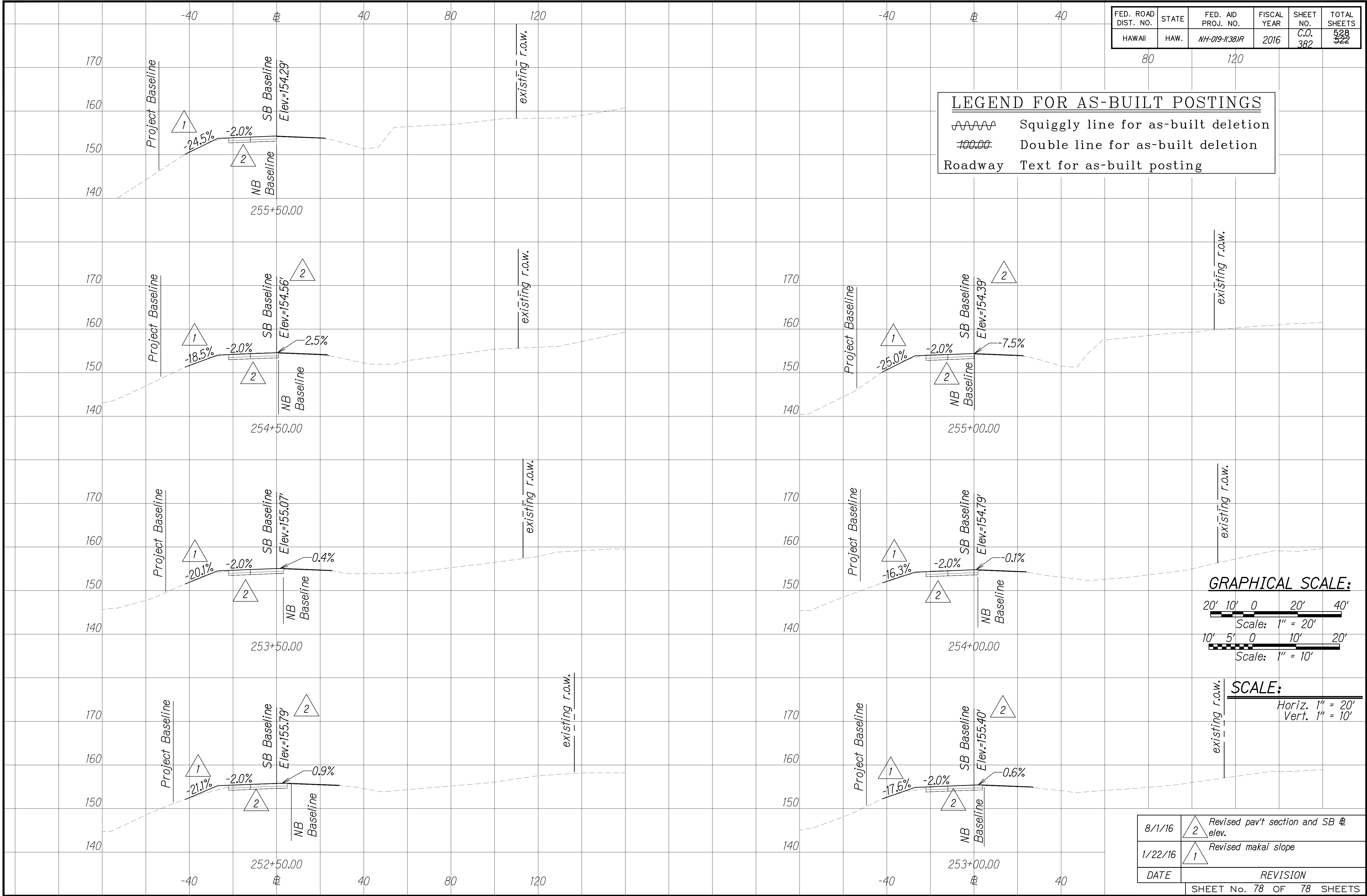
"AS-BUILT"

8/4/2016 4:39 PM

C.O. 381

| | | | |
|------------------|-------------------------|--|------------|
| ORIGINAL
PLAN | SURVEY PLOTTED BY _____ | | DATE _____ |
| | DESIGNED BY _____ | | DATE _____ |
| NOTE BOOK | CHECKED BY _____ | | DATE _____ |
| | No. _____ | | DATE _____ |

W:_CIVIL 3D PROJECTS\2008_2013_001 GEI QUEEN K HWY WIDENING\01 CIVIL DRAWINGS\370_382 CROSS SECTIONS 66 TO 78.DWG 8/4/2016 4:04 PM



| | | | | | |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| FED. ROAD
DIST. NO. | STATE | FED. AID
PROJ. NO. | FISCAL
YEAR | SHEET
NO. | TOTAL
SHEETS |
| HAWAII | HAW. | NH-019-K(38)R | 2016 | C.O.
382 | 528
522 |

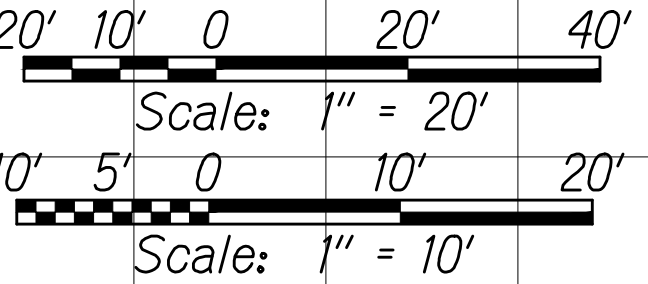
LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting

GRAPHICAL SCALE:



SCALE:

Horiz. 1" = 20'
Vert. 1" = 10'

| | | |
|---------------------------|---|--------------------------------------|
| 8/1/16 |  | Revised pav't section and SB @ elev. |
| 1/22/16 |  | Revised makai slope |
| DATE | REVISION | |
| SHEET No. 78 OF 78 SHEETS | | |

"AS-BUILT"

C.O. 382