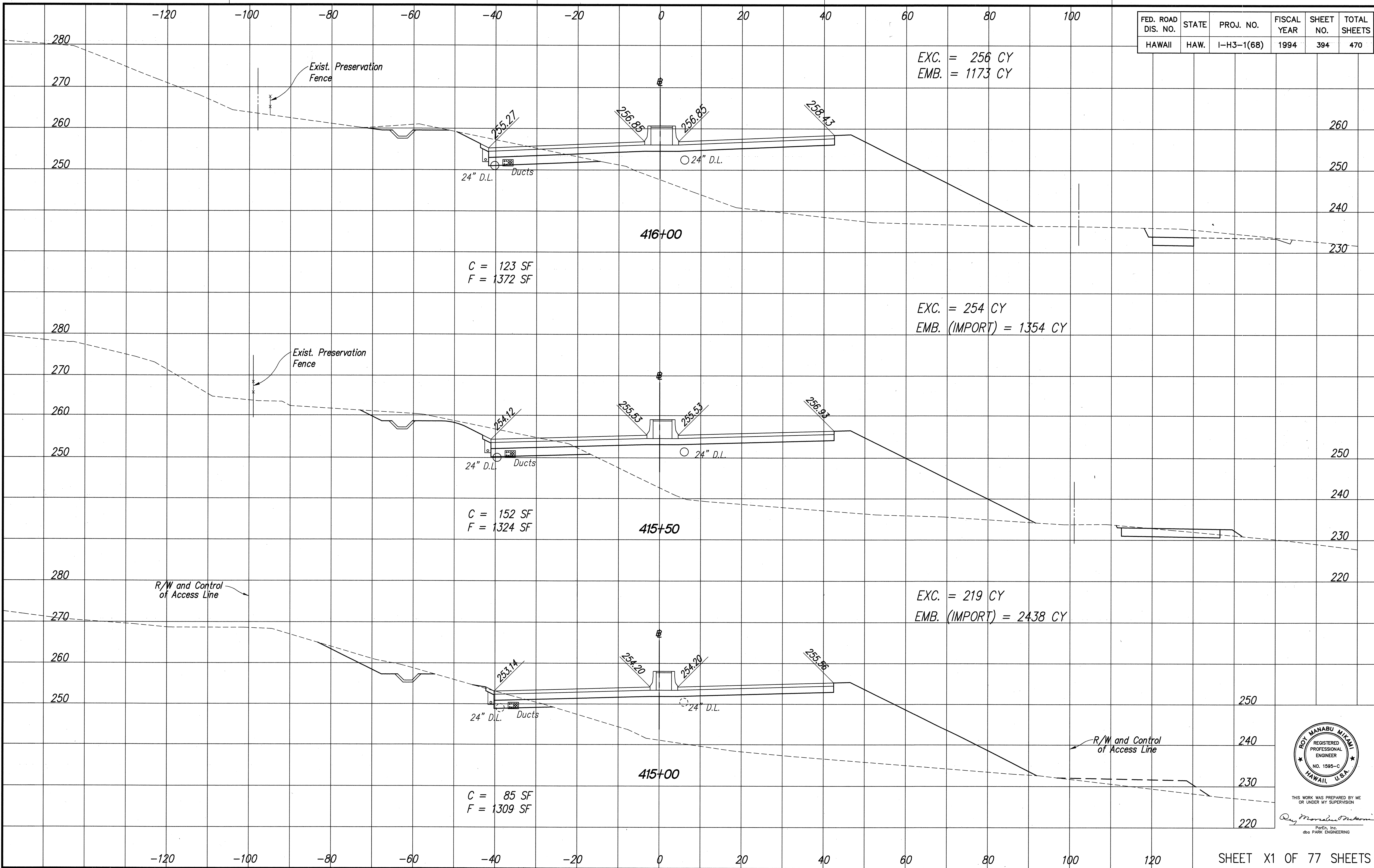
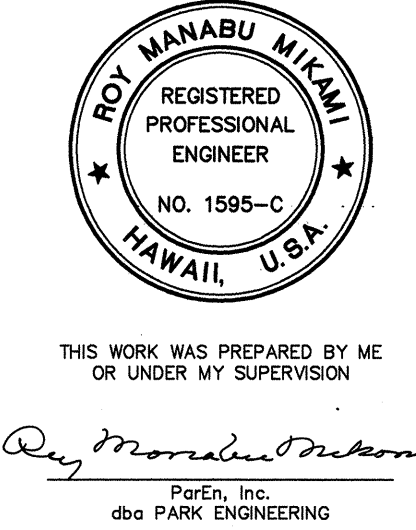


| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 394       | 470          |

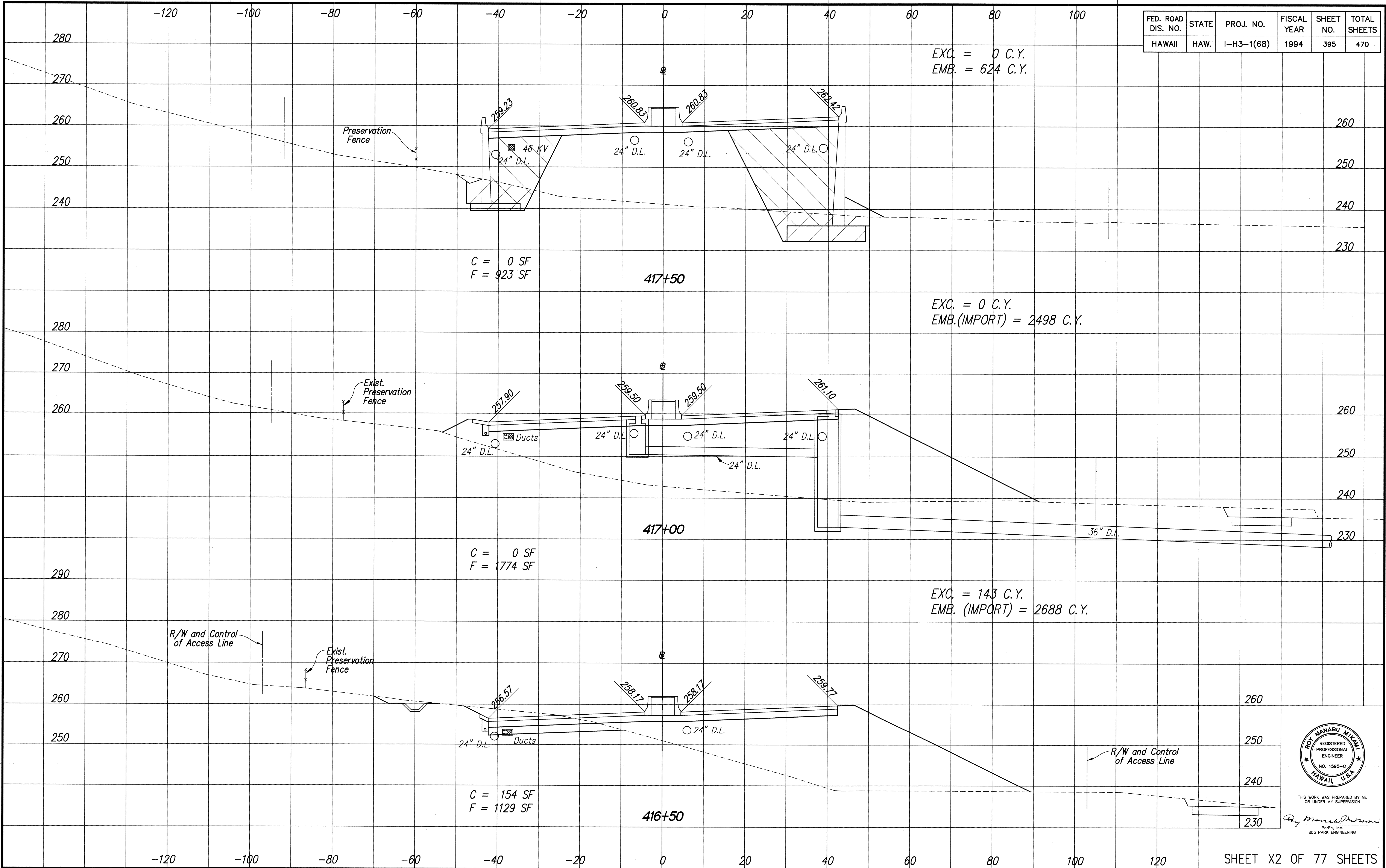


|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLATTED BY | _____ |
| DRAWN BY          | _____ |
| CHECKED BY        | _____ |
| NOTED BY          | _____ |
| QUANTITIES BY     | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NO.               | _____ |

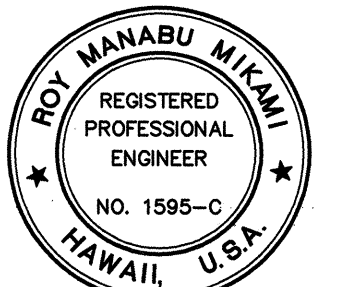




SURVEY PLOTTED BY \_\_\_\_\_  
DATE \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
NOTES  
No. \_\_\_\_\_



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 395       | 470          |



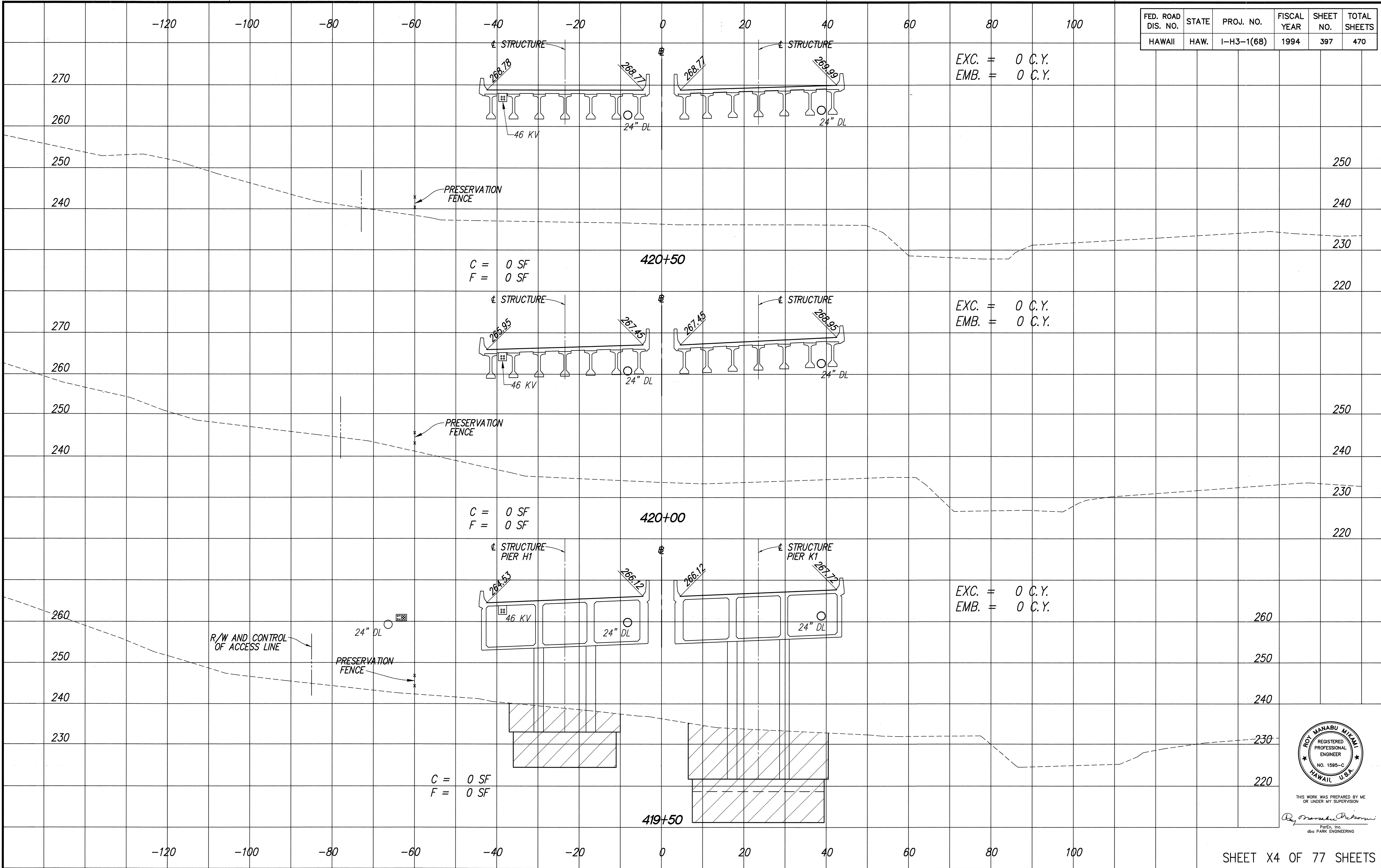
THIS WORK WAS PREPARED BY ME  
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*Roy Manabu Miyama*  
Roy Manabu Miyama, Inc.  
dba PARK ENGINEERING





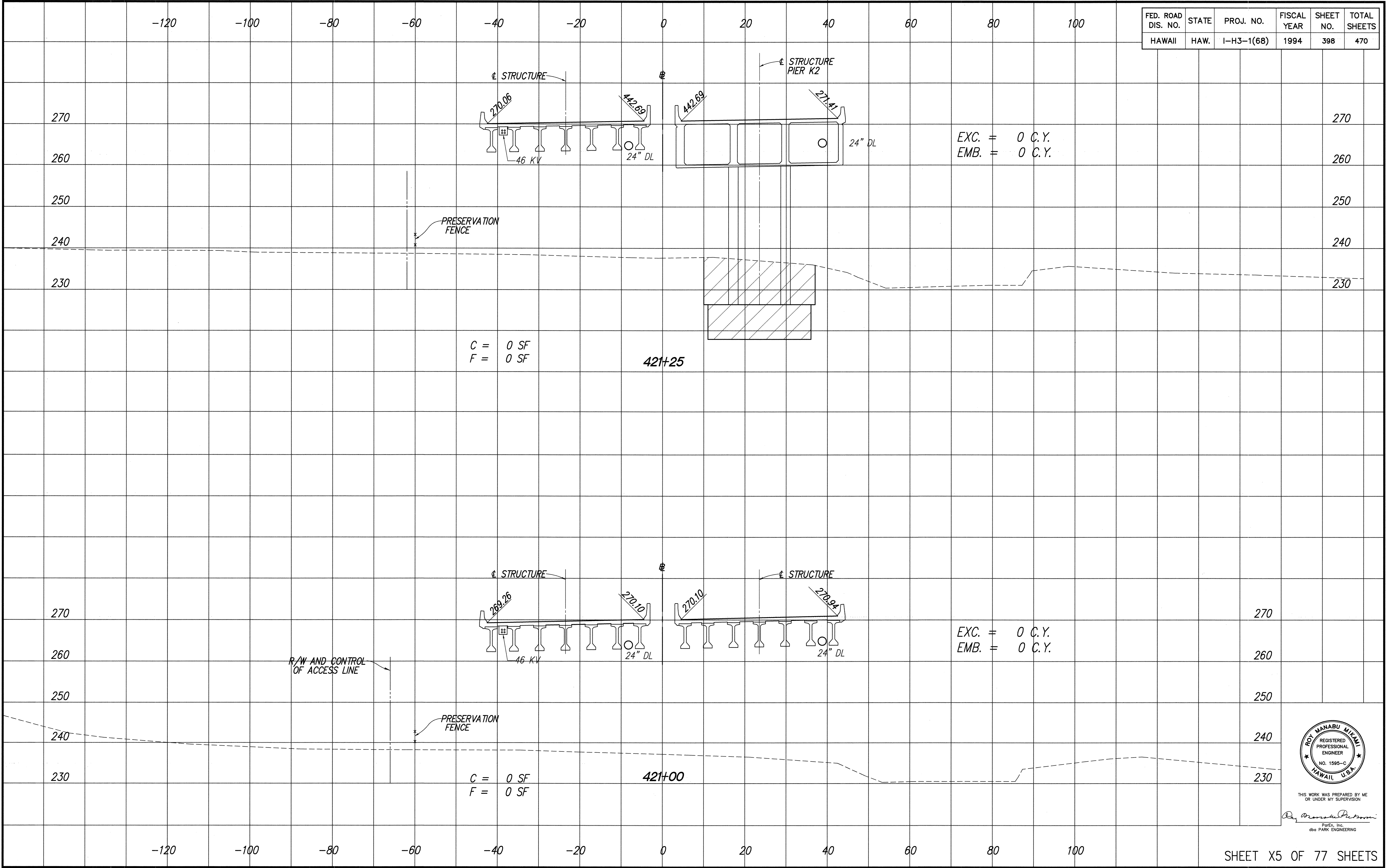


DATE \_\_\_\_\_  
SURVEY PLOTTED BY \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL PLAN \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
NO. \_\_\_\_\_



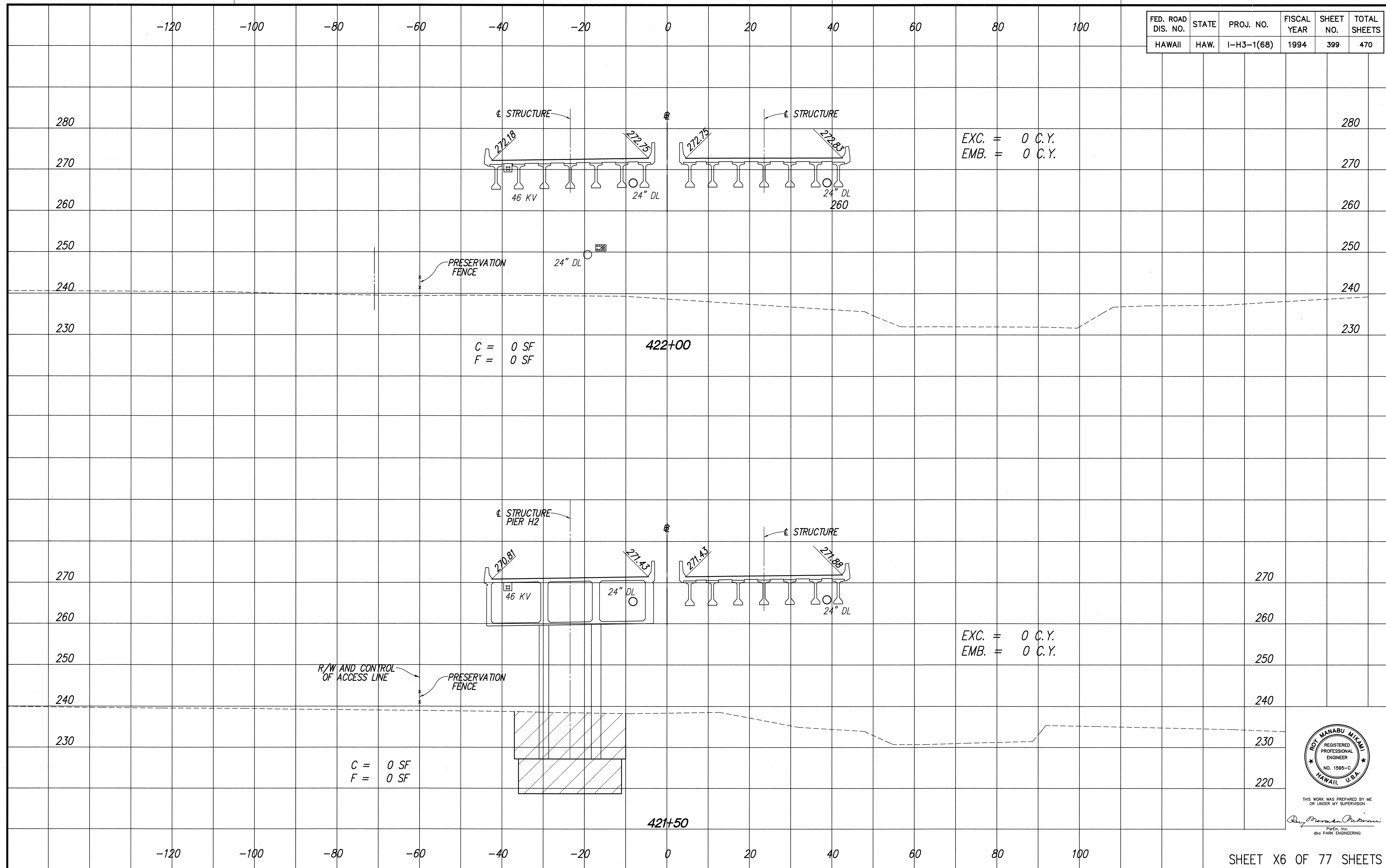


DATE \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL PLAN \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
NO. \_\_\_\_\_





| FED. ROAD<br>DIS. NO. | STATE | PROJ. NO.  | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------|-------|------------|----------------|--------------|-----------------|
| HAWAII                | HAW.  | I-H3-1(68) | 1994           | 399          | 470             |



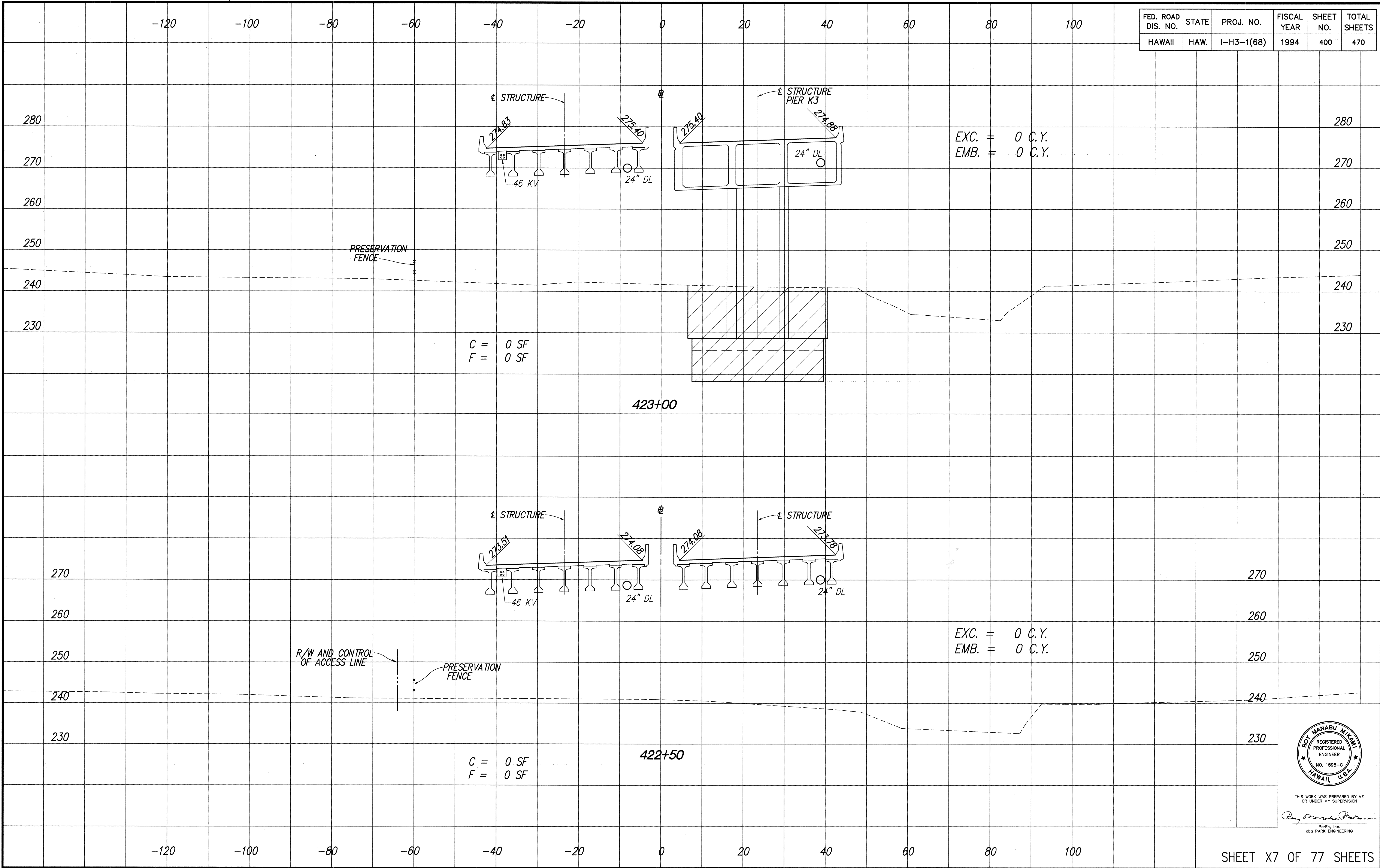
THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION

*Morad Oulouine*

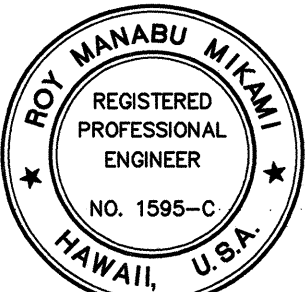
ParEn, Inc.  
d/b/a PARK ENGINEERING



DATE \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL PLAN \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
NO. \_\_\_\_\_



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 400       | 470          |

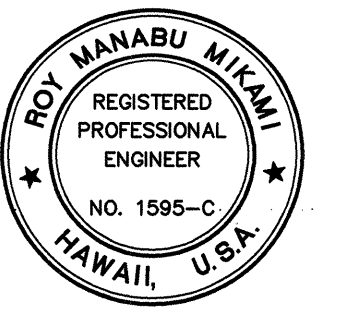
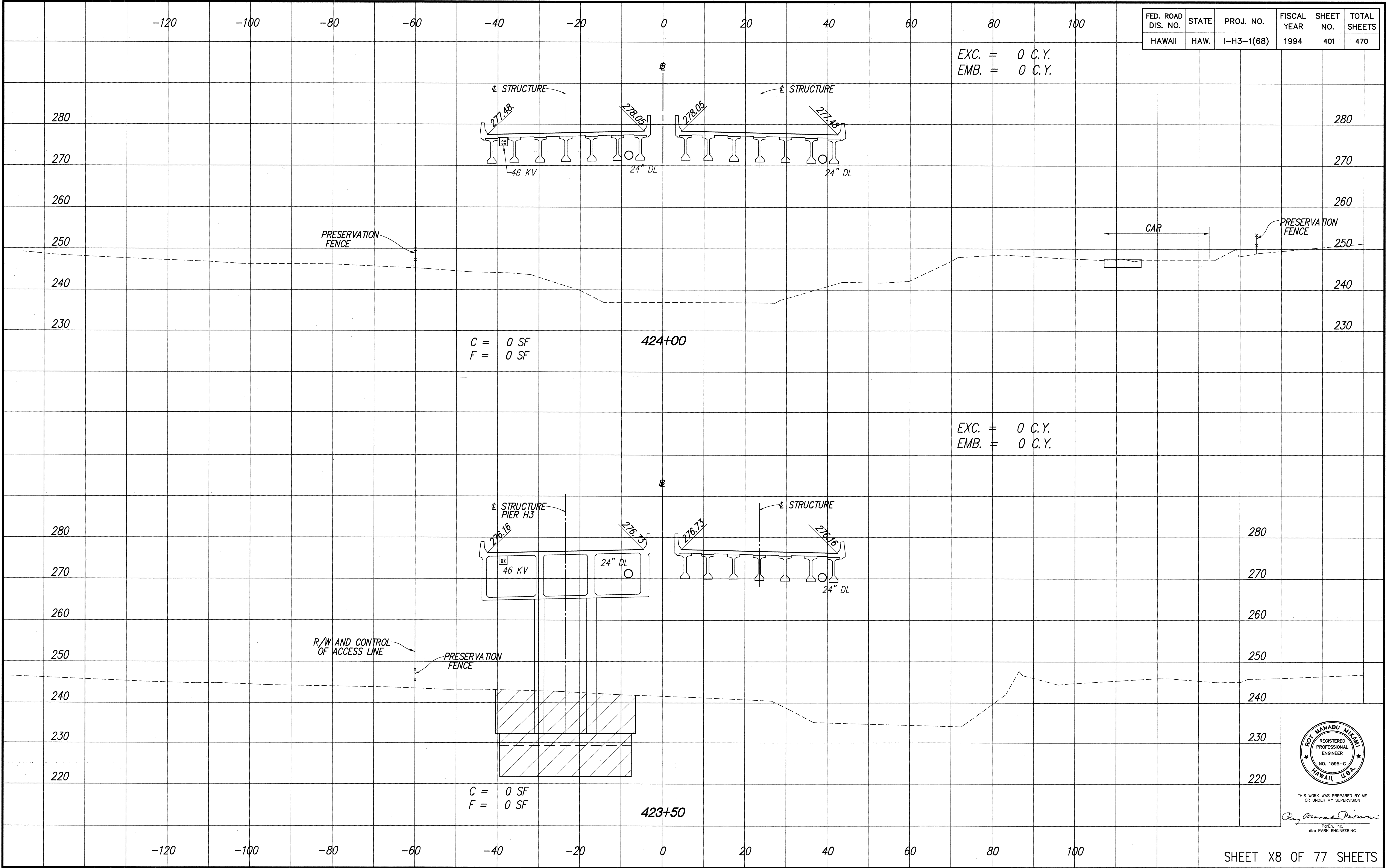


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PerEn, Inc.  
dba PARK ENGINEERING



ORIGINAL  
PLAN  
NOTED  
No.

SURVEY PLOTTED BY  
DATE  
DRAWN BY  
CHECKED BY  
QUANTITIES BY  
CHECKED BY



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P.E., Inc.  
dba PARK ENGINEERING

DB: STATE DOT\1-3430001\H31808 3/22/94 R50

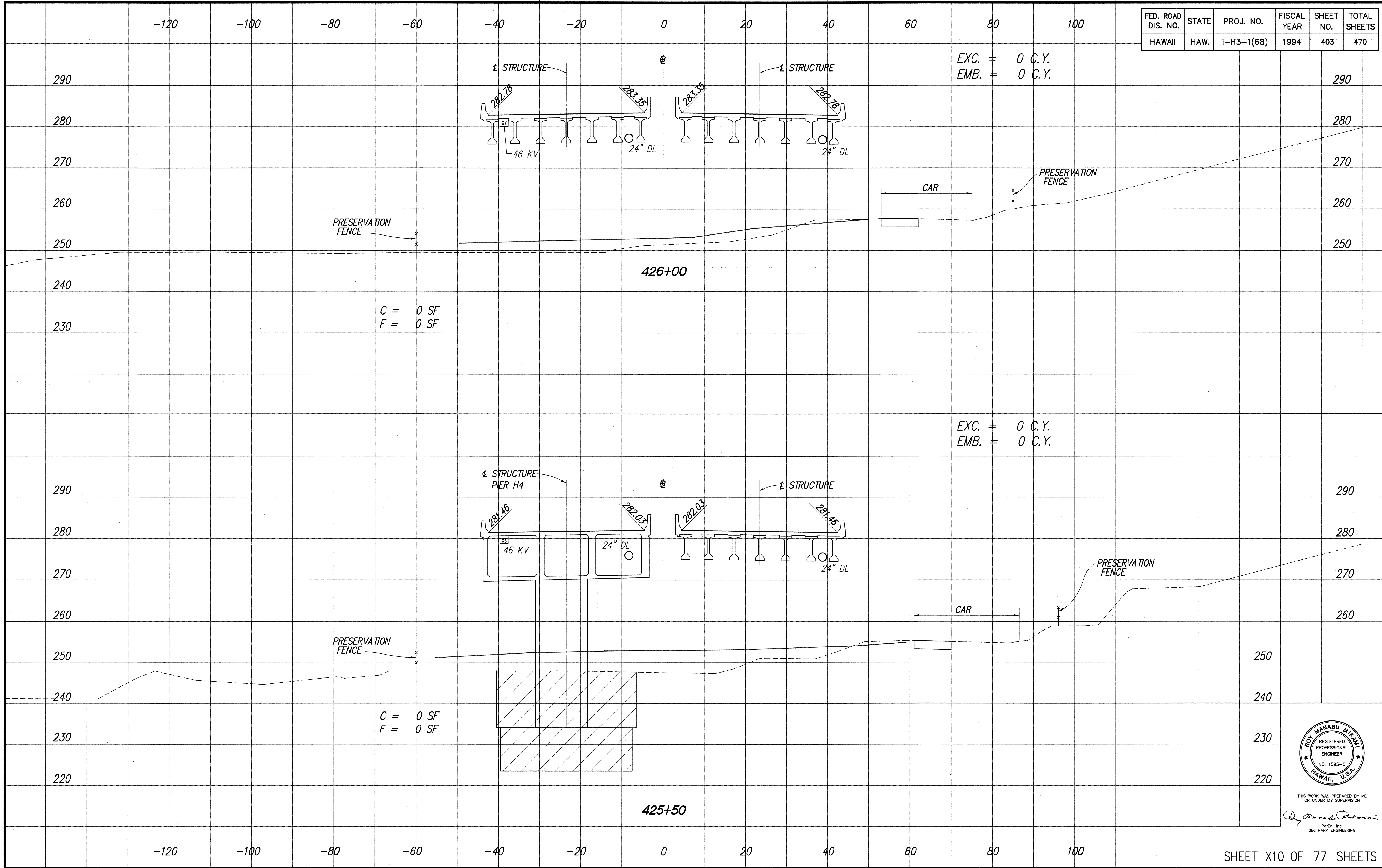






ORIGINAL  
PLAN  
NOTEBOOK  
No.

SURVEY PLOTTED BY  
DATE  
DRAWN BY  
DESIGNED BY  
CHECKED BY

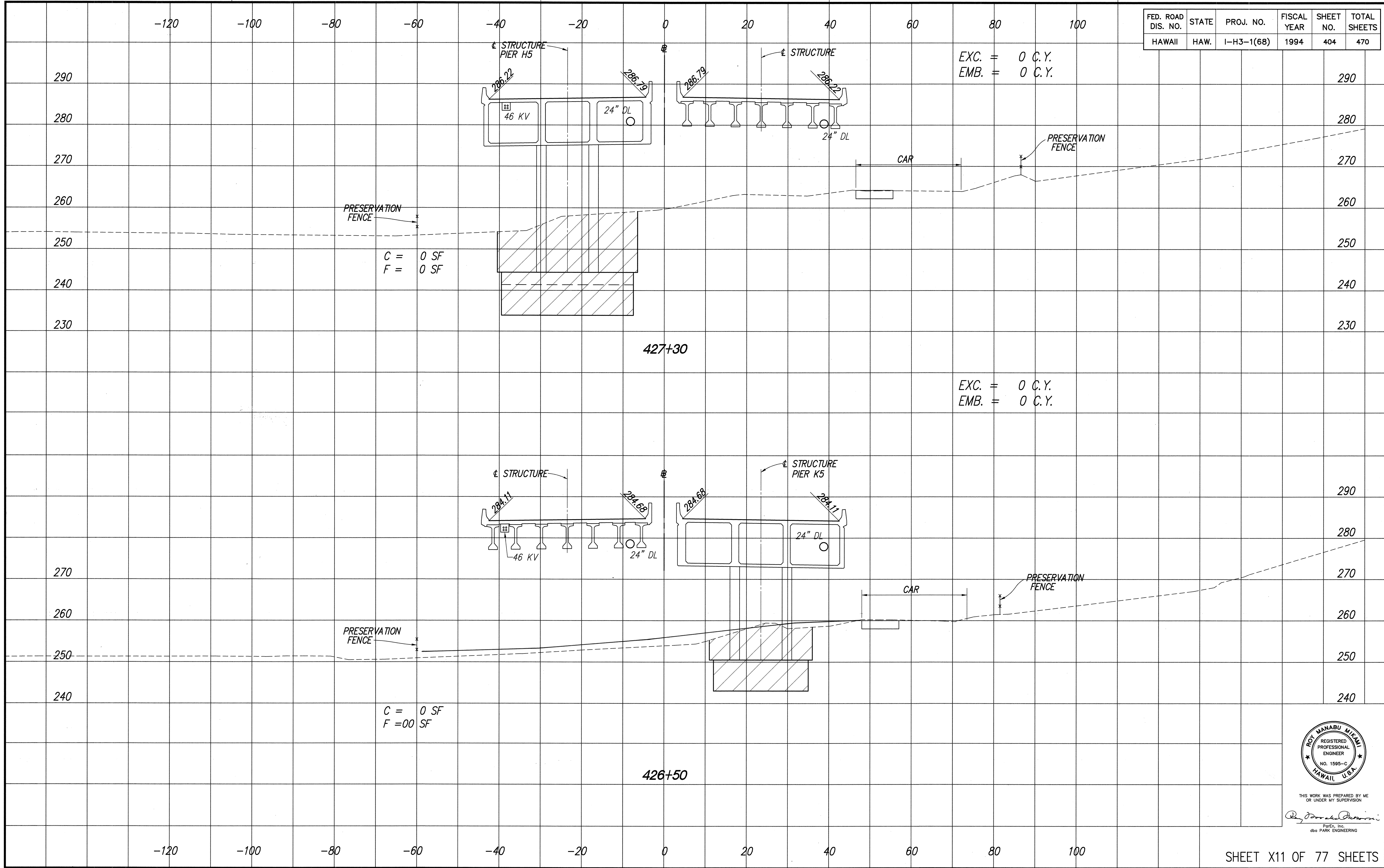


LIB: STATE DOT-VH-3430307  
H31B410 3/22/94 R50



ORIGINAL  
PLAN  
NOTED BY  
No.

SURVEY PLOTTED BY  
DATE  
DRAWN BY  
CHECKED BY  
DESIGNED BY  
NOTED BY  
CHECKED BY





-120

-100

-80

-60

-40

-20

0

20

40

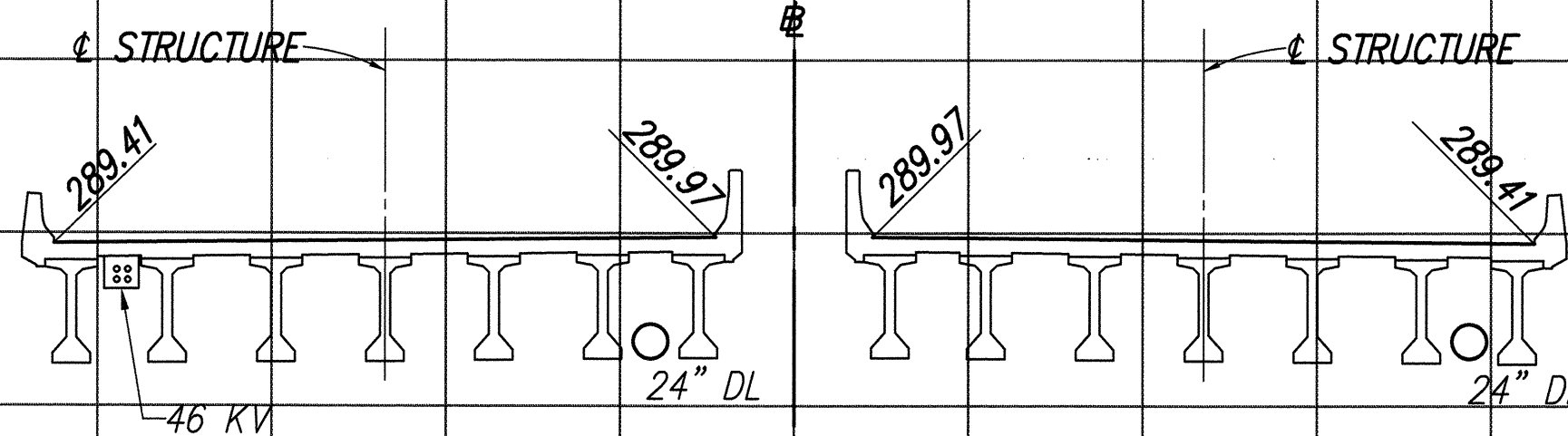
60

80

100

| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 405       | 470          |

EXC. = 177 C.Y.  
EMB. = 0 C.Y.



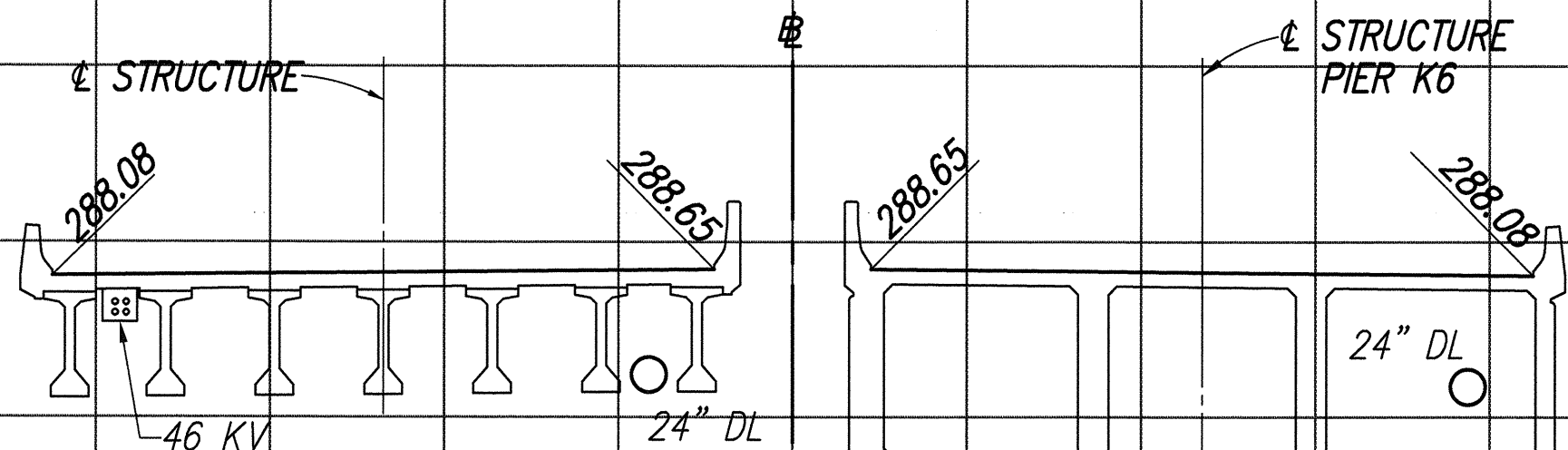
PRESERVATION FENCE

CAR

PRESERVATION FENCE

428+50

C = 0 SF  
F = 0 SF

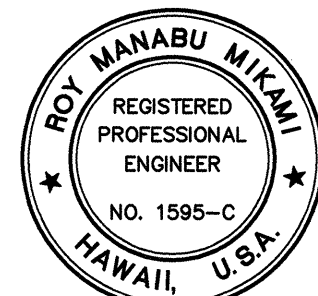


EXC. = 0 C.Y.  
EMB. = 0 C.Y.

CAR

428+00

C = 0 SF  
F = 0 SF



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SHEET X12 OF 77 SHEETS

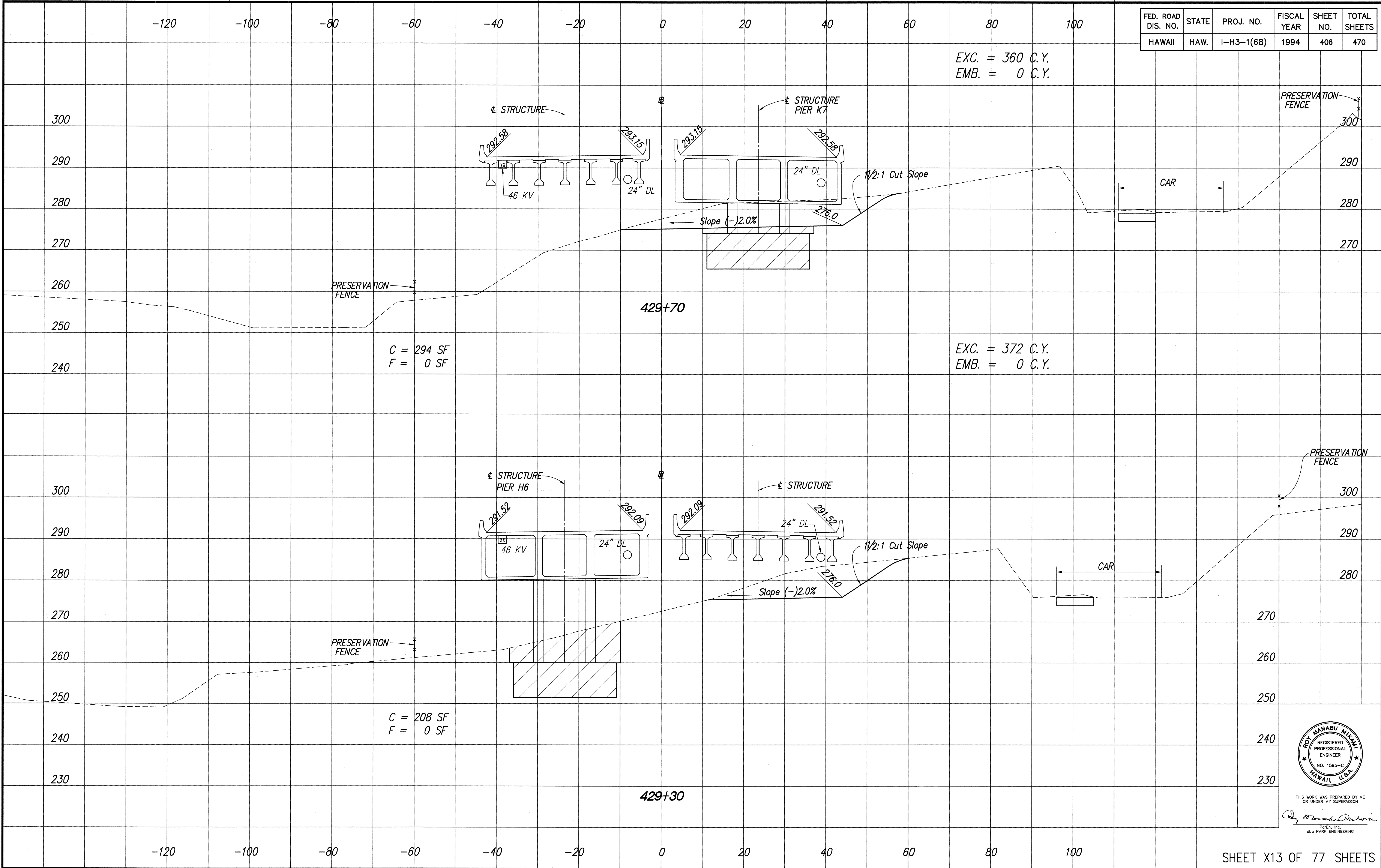
405

|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTED BY          | _____ |
| NO.               | _____ |

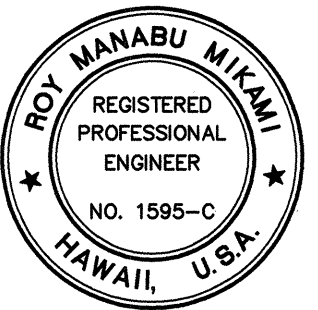
LIB: STATE DOT 3-3130307  
H31812 3/22/94 R30



DATE \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
ORIGINAL \_\_\_\_\_  
PLAN \_\_\_\_\_  
BOOK \_\_\_\_\_  
SHEET \_\_\_\_\_  
NO. \_\_\_\_\_



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 406       | 470          |



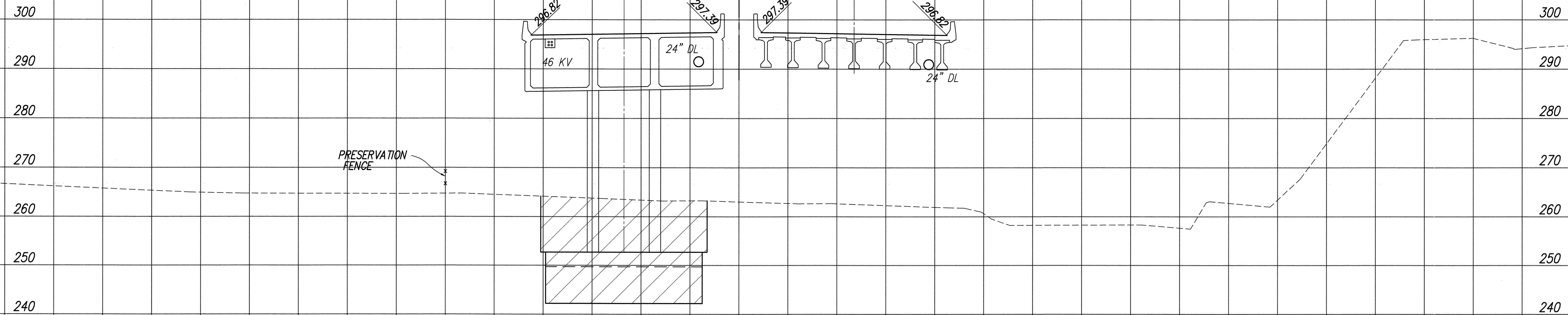
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*Roy Manabu Miyaki*  
Roy Manabu Miyaki  
dba PARK ENGINEERING



-120    -100    -80    -60    -40    -20    0    20    40    60    80    100

| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 407       | 470          |

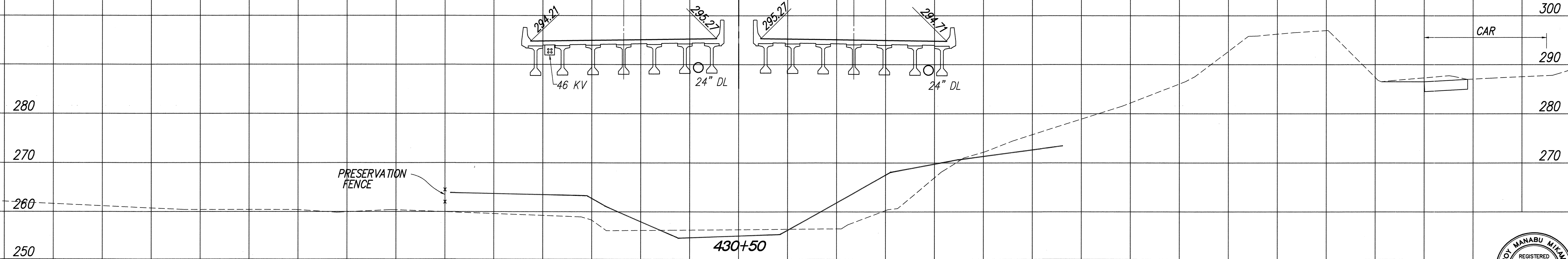
EXC. = 0 C.Y.  
EMB. = 0 C.Y.



431+30

C = 0 SF  
F = 0 SF

EXC. = 0 C.Y.  
EMB. = 0 C.Y.

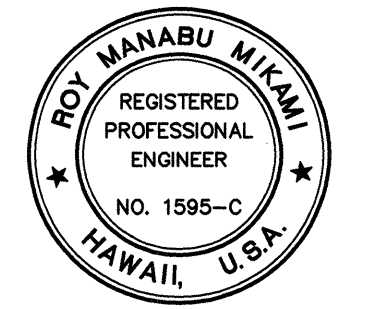


430+50

C = 0 SF  
F = 0 SF

-120    -100    -80    -60    -40    -20    0    20    40    60    80    100

SHEET X14 OF 77 SHEETS



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|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTED BY          | _____ |
| CHECKED BY        | _____ |
| No.               | _____ |





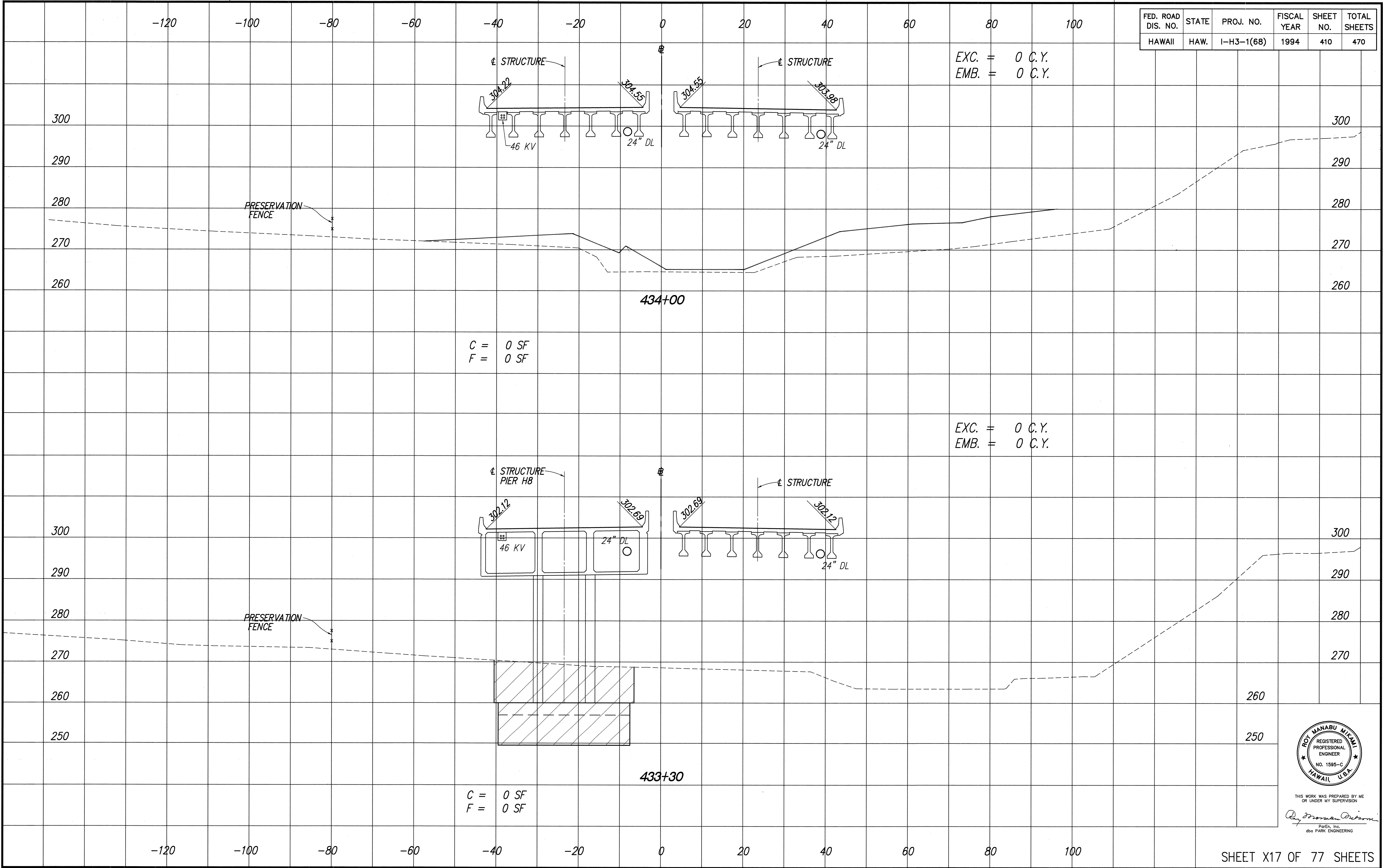




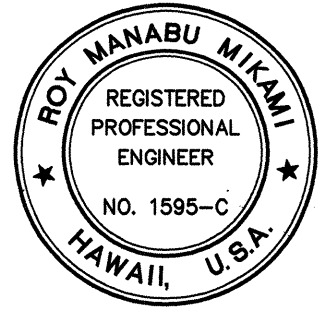


ORIGINAL  
PLAN  
NOTED  
No.

SURVEY PLOTTED BY  
DATE  
DRAWN BY  
CHECKED BY  
QUANTITIES BY  
CHECKED BY



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 410       | 470          |



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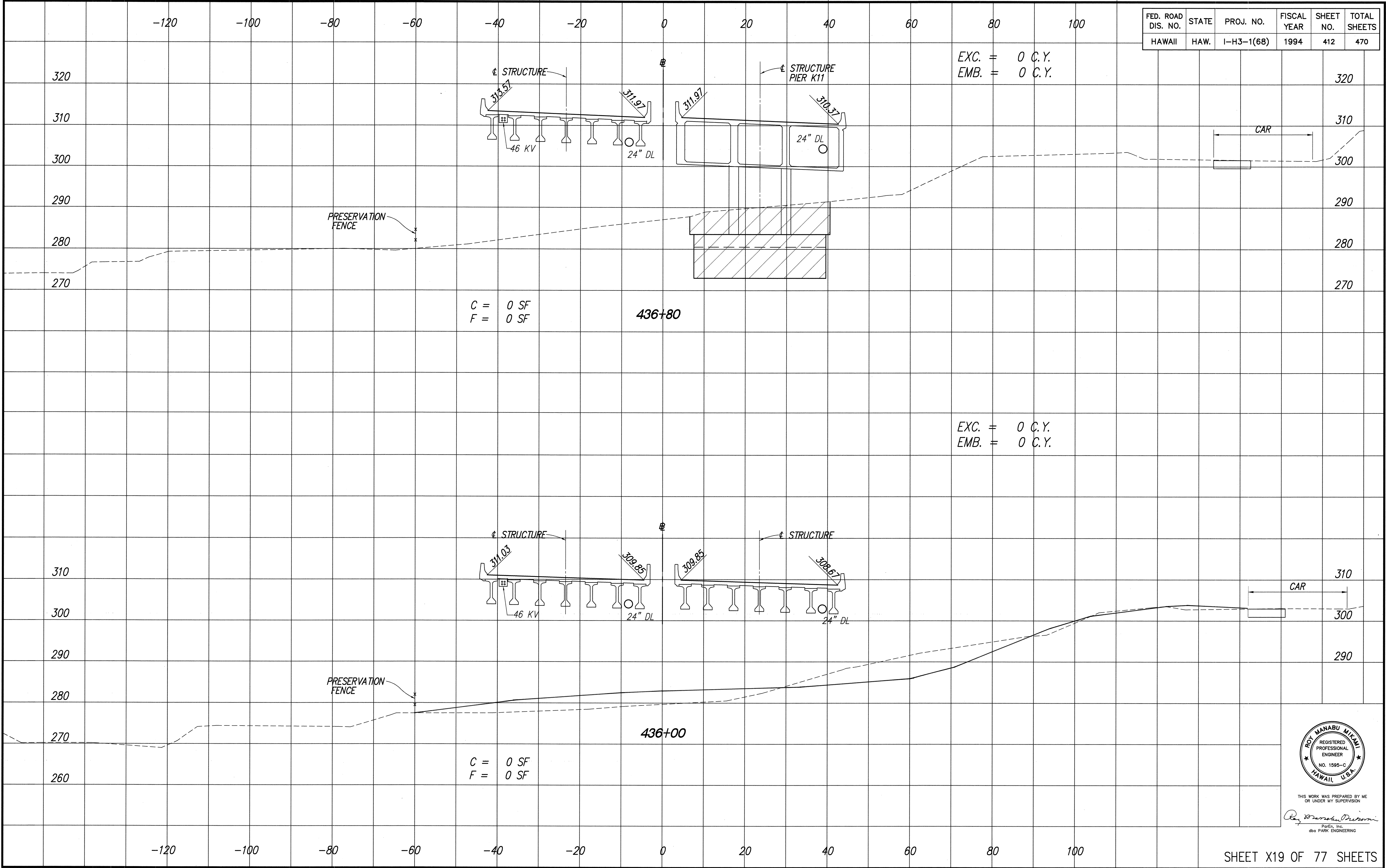
*Roy Manabu Miyama*  
Roy Manabu Miyama  
dba PARK ENGINEERING





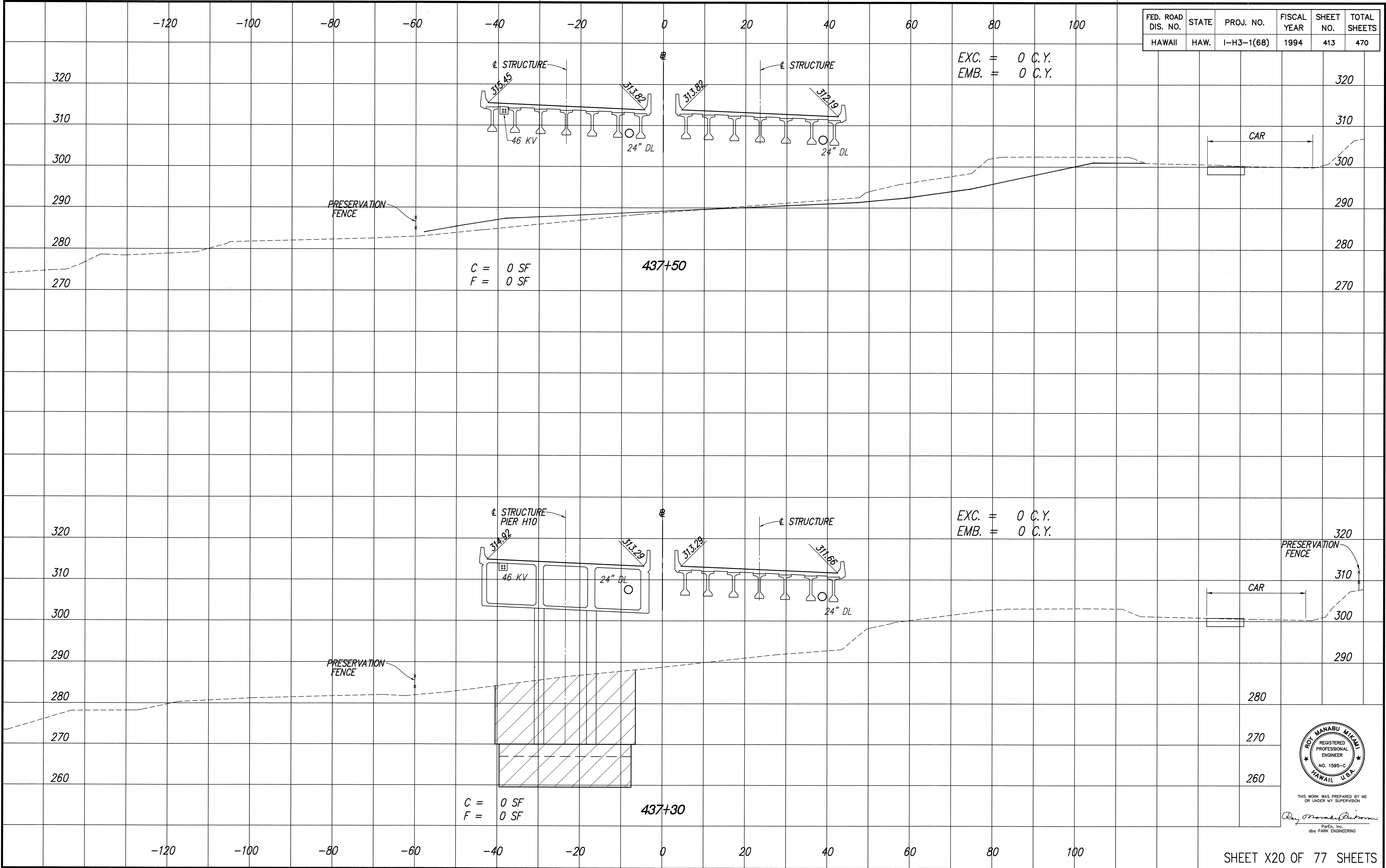


DATE: \_\_\_\_\_  
SURVEY PLOTTED BY: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
ORIGINAL PLAN: \_\_\_\_\_  
NOTED BY: \_\_\_\_\_  
NO. \_\_\_\_\_

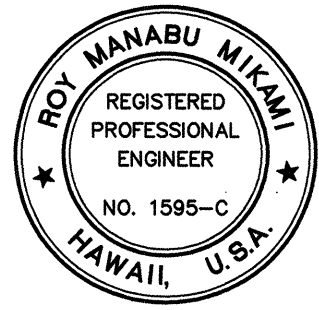




DATE \_\_\_\_\_  
SURVEY PLATTED BY \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL PLAN \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
No. \_\_\_\_\_



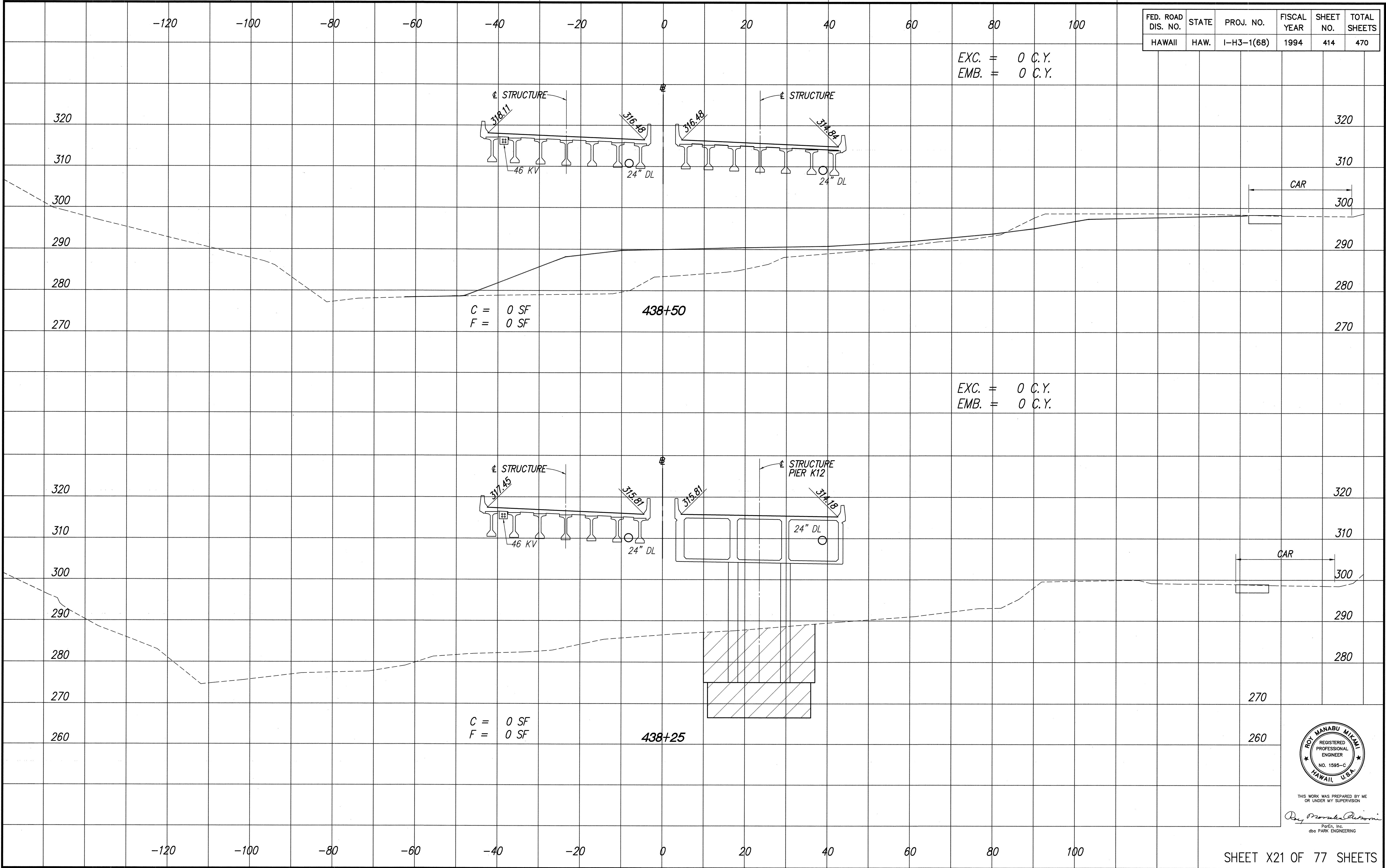
| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 413       | 470          |



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DATE: \_\_\_\_\_  
SURVEY PLANNED BY: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
ORIGINAL PLAN: \_\_\_\_\_  
NOTES: \_\_\_\_\_  
No. \_\_\_\_\_



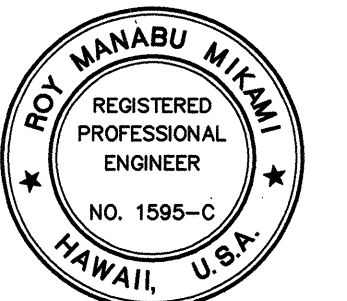
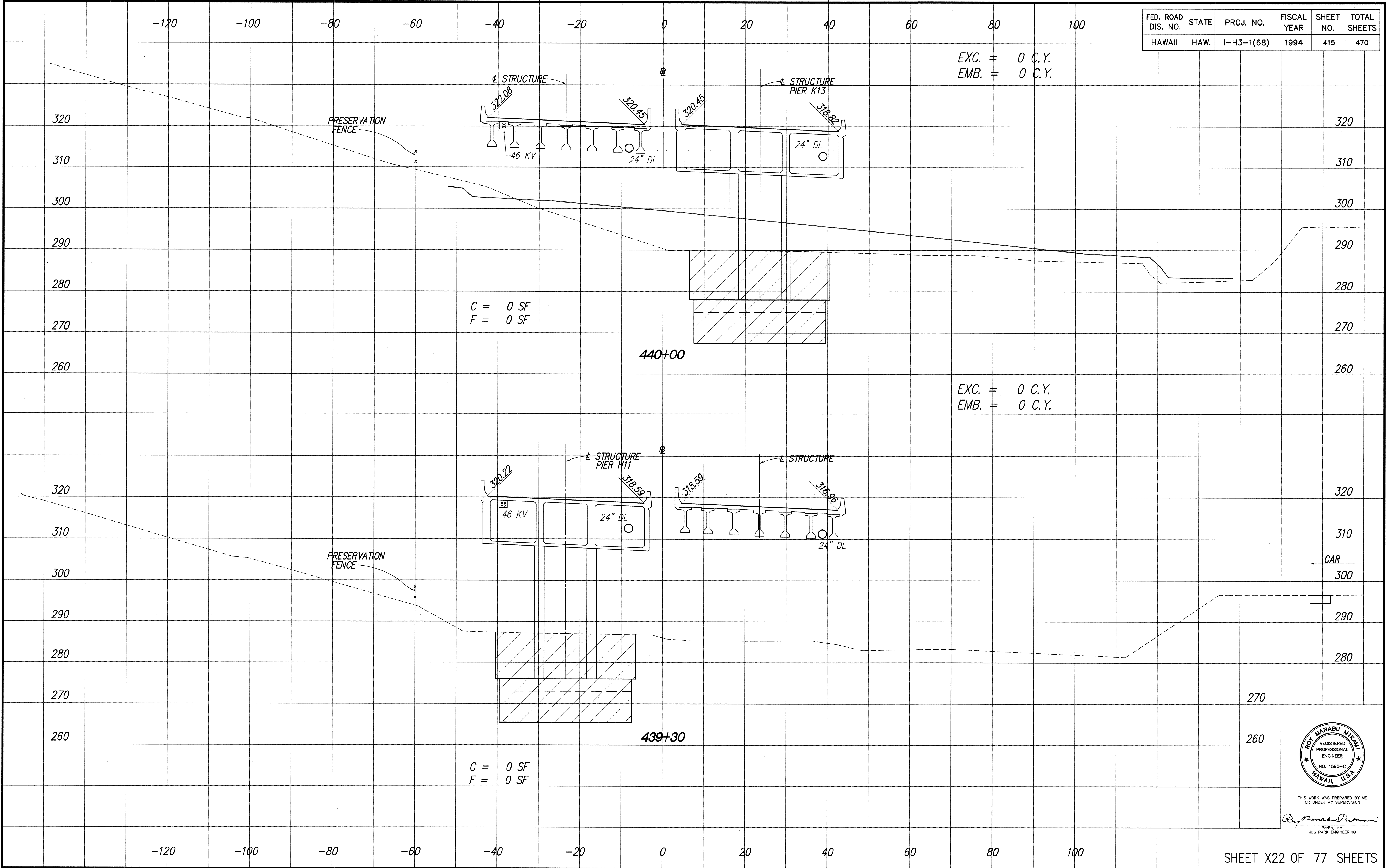
| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 414       | 470          |



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PacEn, Inc.  
dba PARK ENGINEERING



DATE: \_\_\_\_\_  
SURVEY PLOTTED BY: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
ORIGINAL PLAN: \_\_\_\_\_  
NOTED BY: \_\_\_\_\_  
NO. \_\_\_\_\_



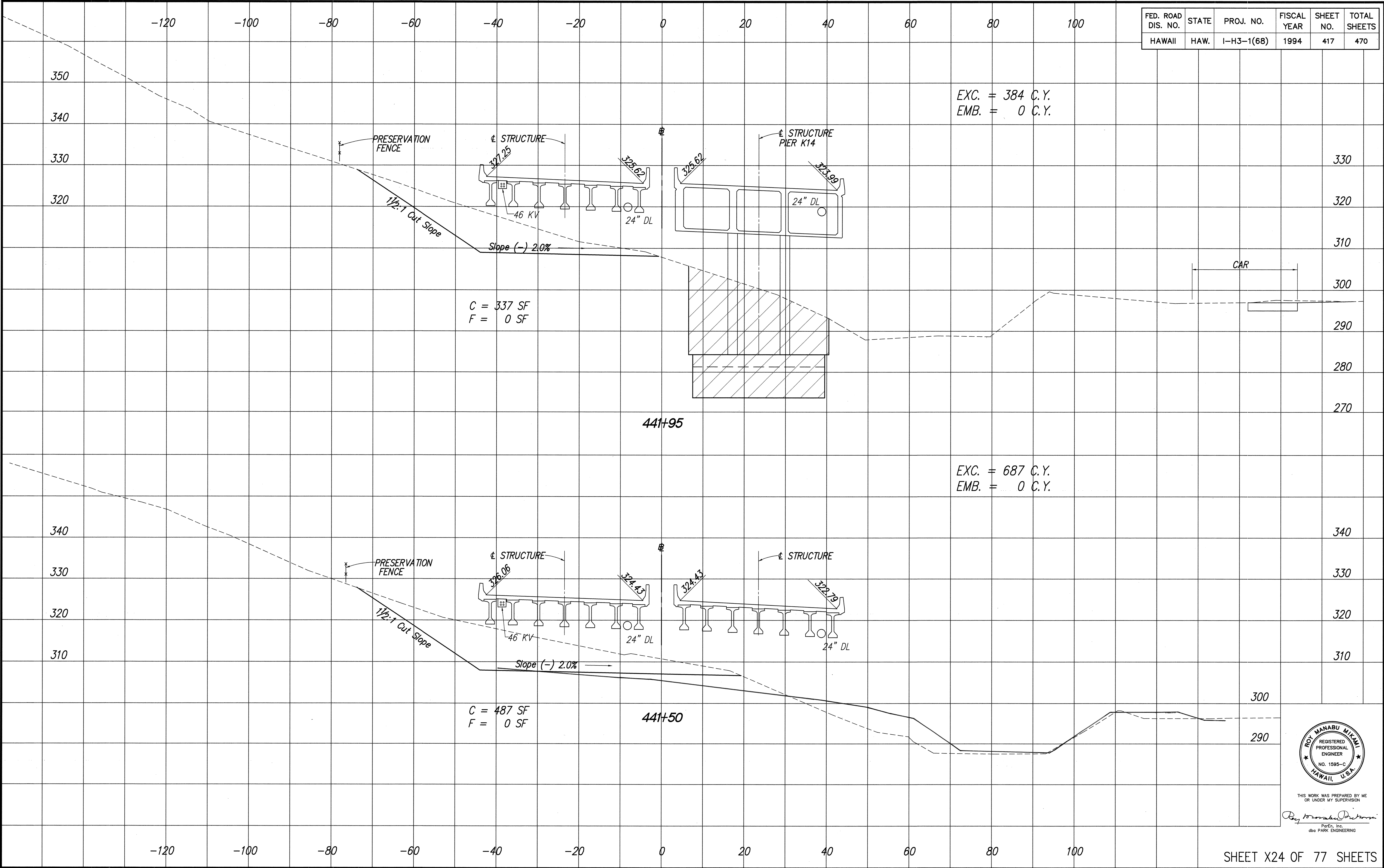
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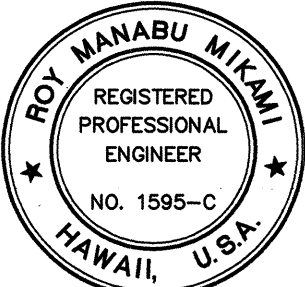




| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 417       | 470          |



|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLANNED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTED BY          | _____ |
| NO.               | _____ |



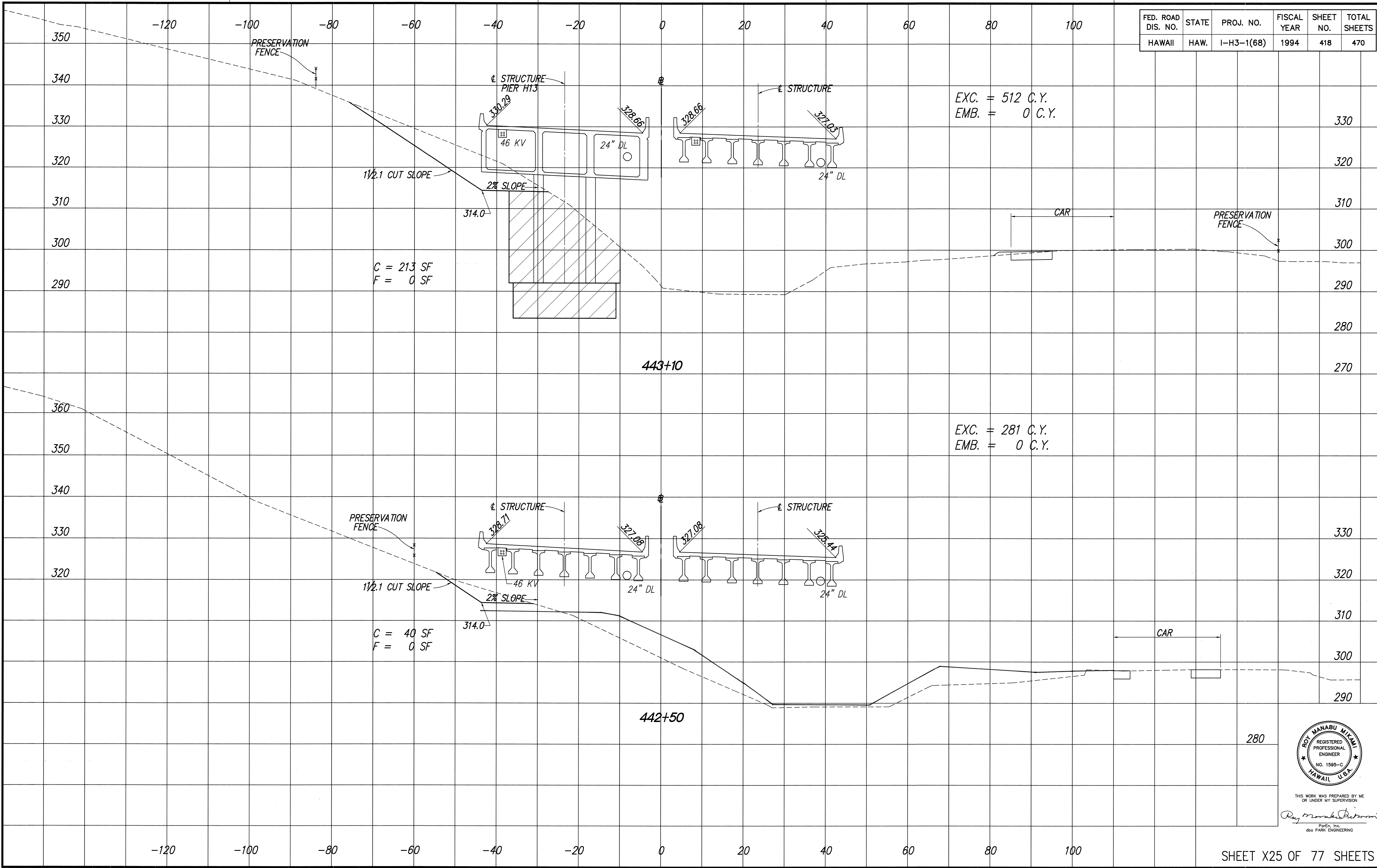
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Roy Manabu Miyama  
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LIB: STATE DOT-VH-3430301  
1318/24 3/22/94 RSD



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 418       | 470          |



|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTED BY          | _____ |
| CHECKED BY        | _____ |
| No.               | _____ |

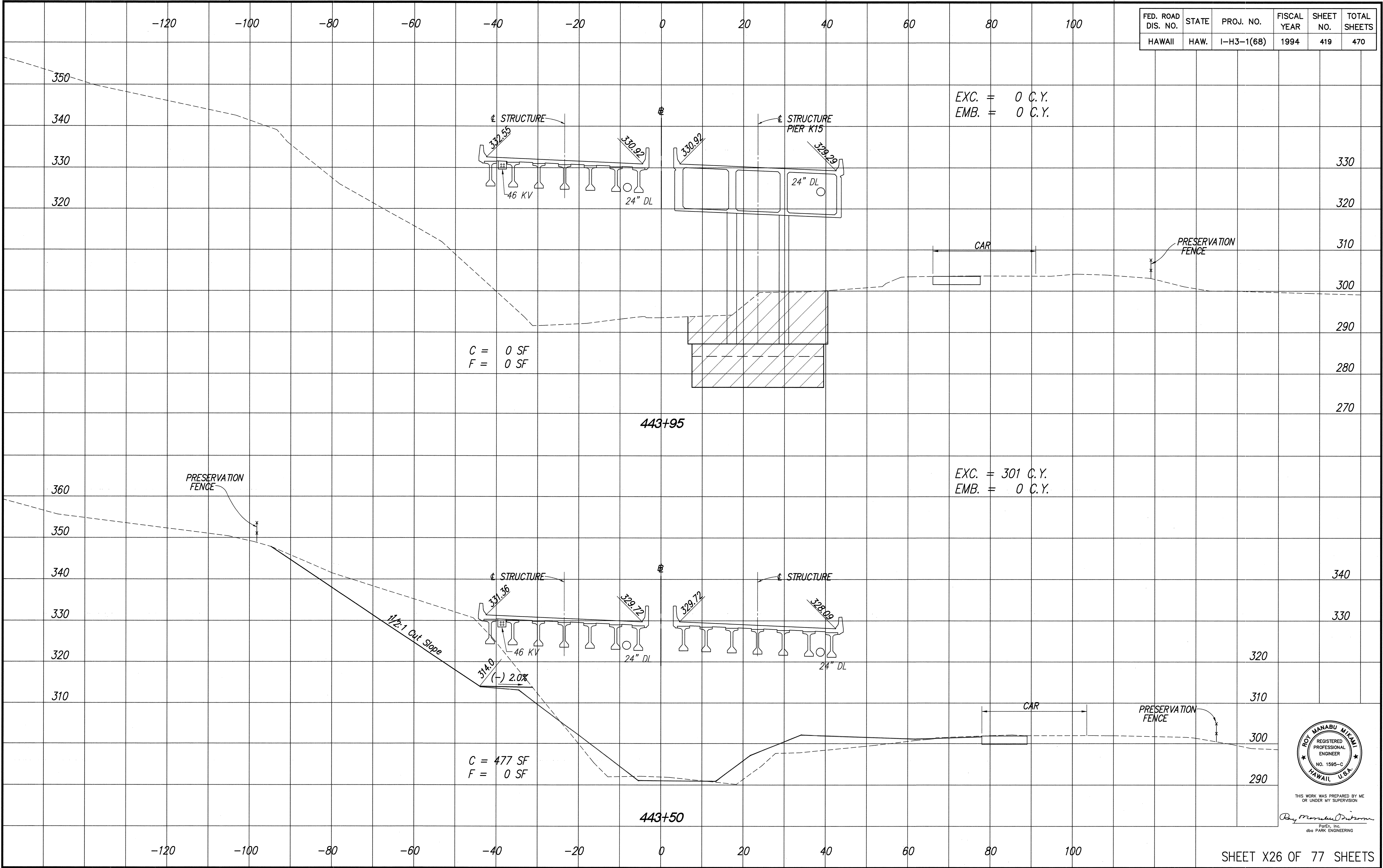
ROY MANABU MIYAMA  
REGISTERED  
PROFESSIONAL  
ENGINEER  
NO. 1595-C  
HAWAII, U.S.A.

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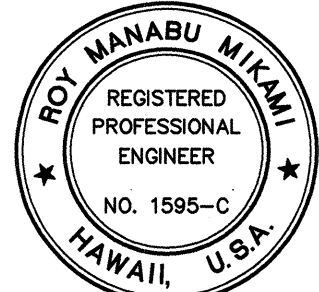
*Roy Manabu Miyama*  
P.E., Inc.  
dba PARK ENGINEERING



DATE \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
ORIGINAL \_\_\_\_\_  
PLAN \_\_\_\_\_  
NO. \_\_\_\_\_



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 419       | 470          |

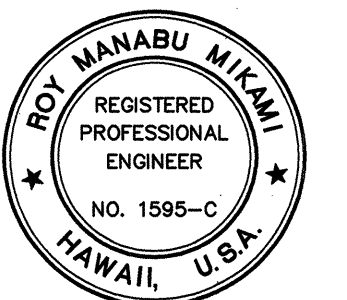
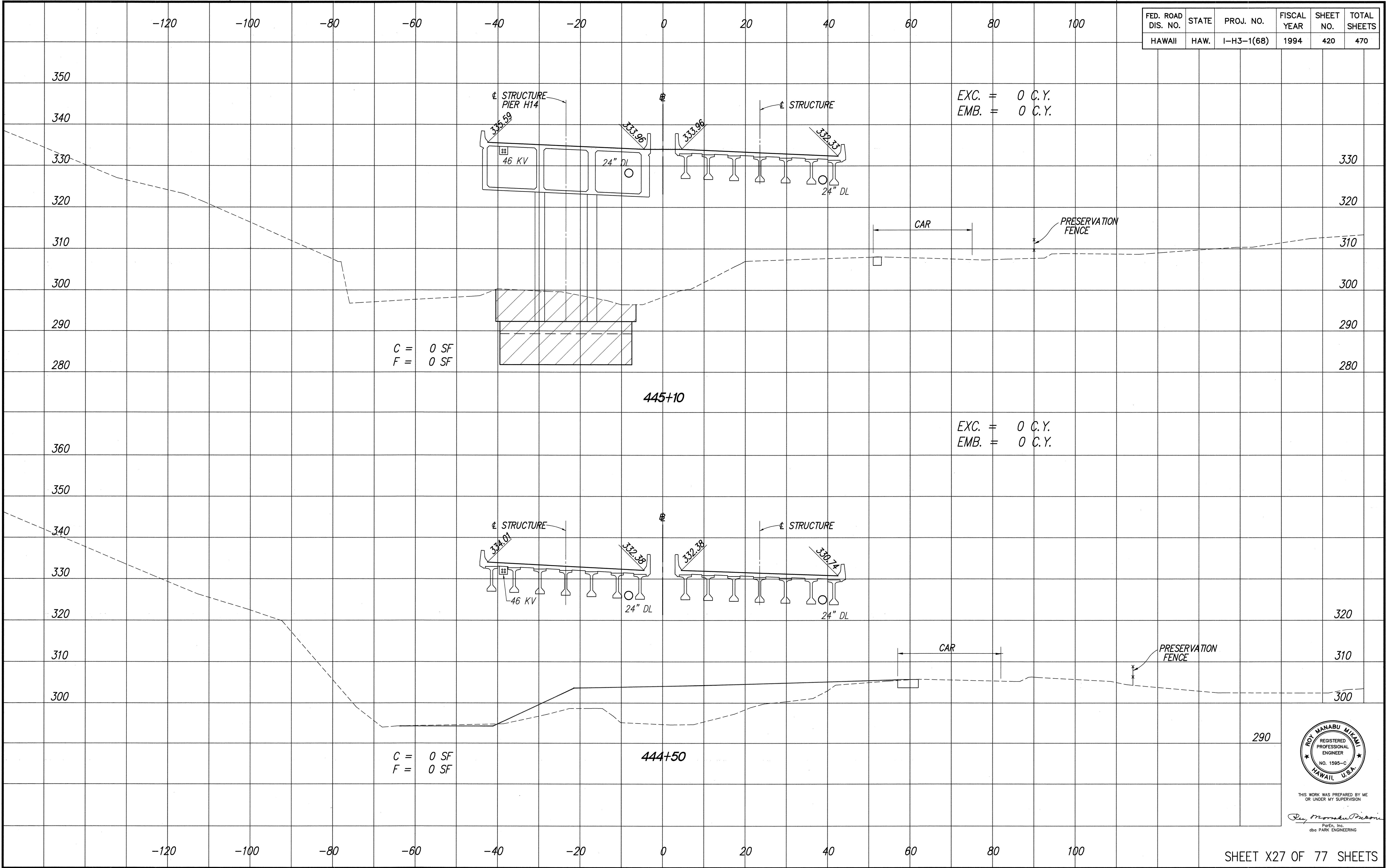


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Roy Manabu Miyaki  
Professional Engineer  
dba PARK ENGINEERING

LIB: STATE DOT/VI-343007  
H31826 3/22/94 GRI



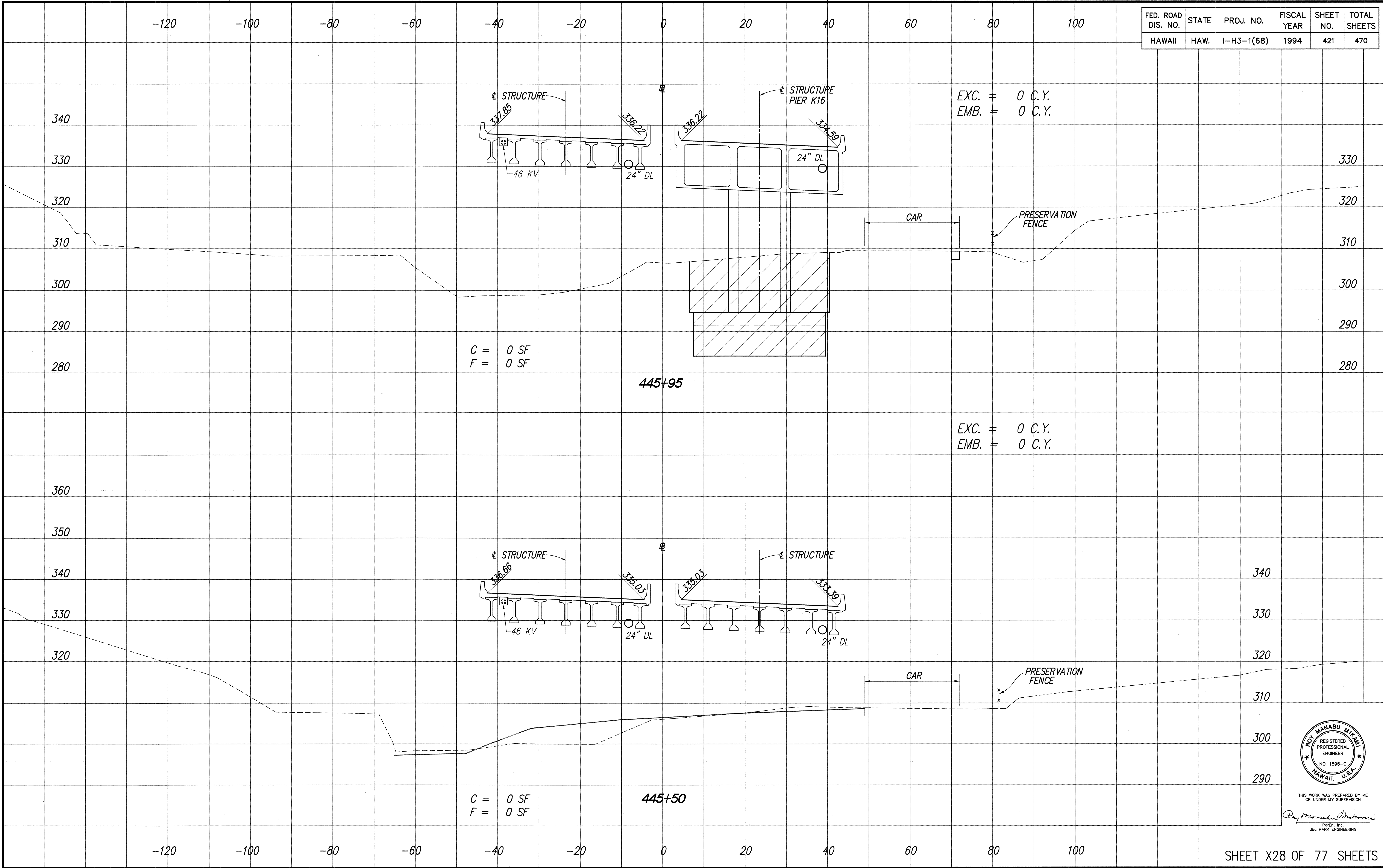
DATE \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL \_\_\_\_\_  
PLAN \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
NO. \_\_\_\_\_



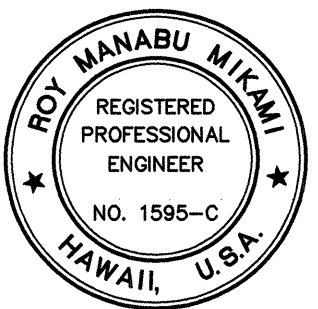
THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION  
Roy Manabu Miyaki  
P.E., Inc.  
dba PARK ENGINEERING



DATE \_\_\_\_\_  
SURVEY PLOTTED BY \_\_\_\_\_  
DESIGNED BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL PLAN \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
NO. \_\_\_\_\_



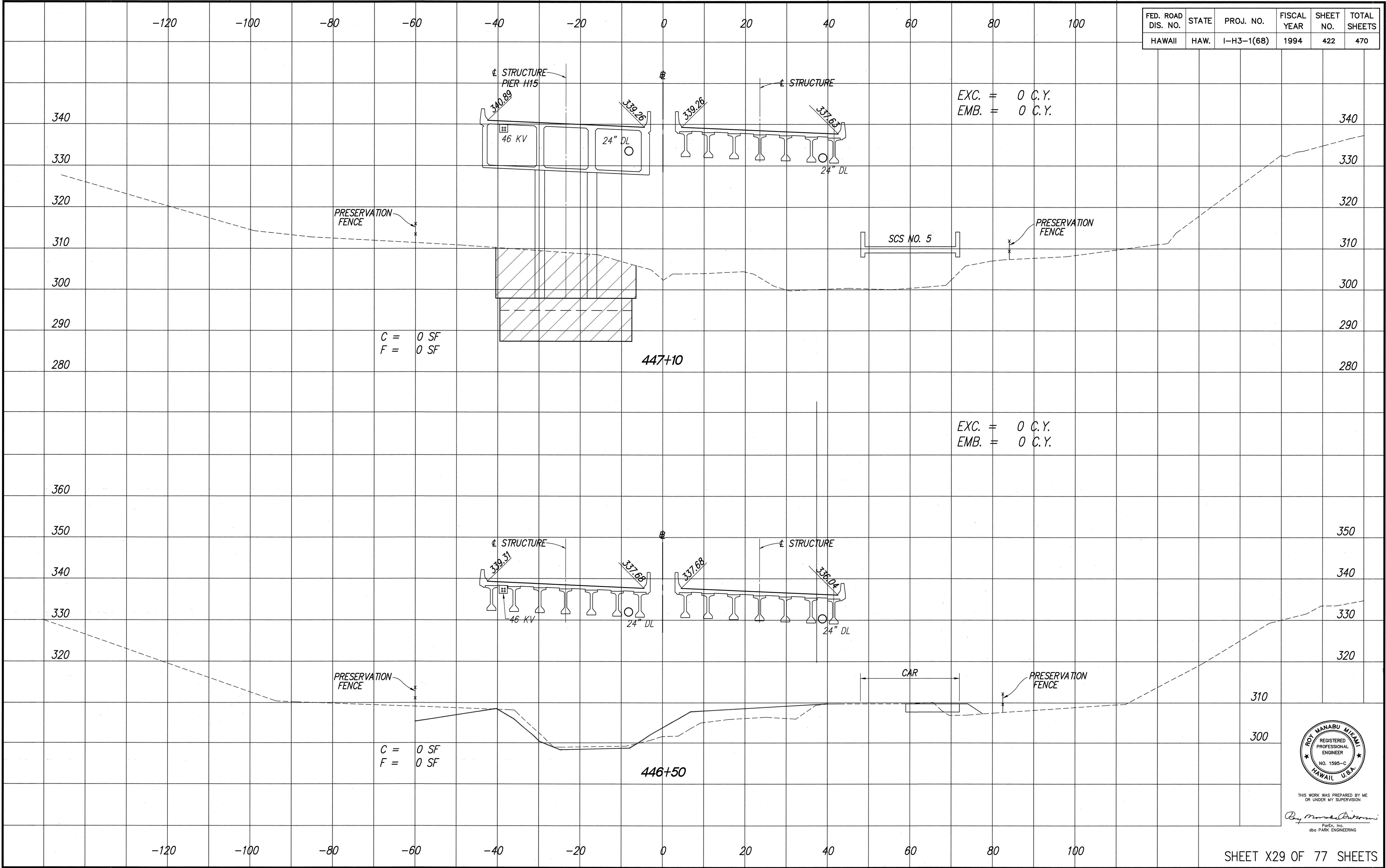
| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 421       | 470          |



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P.E., Inc.  
dba PARK ENGINEERING



DATE \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL \_\_\_\_\_  
PLAN \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
No. \_\_\_\_\_









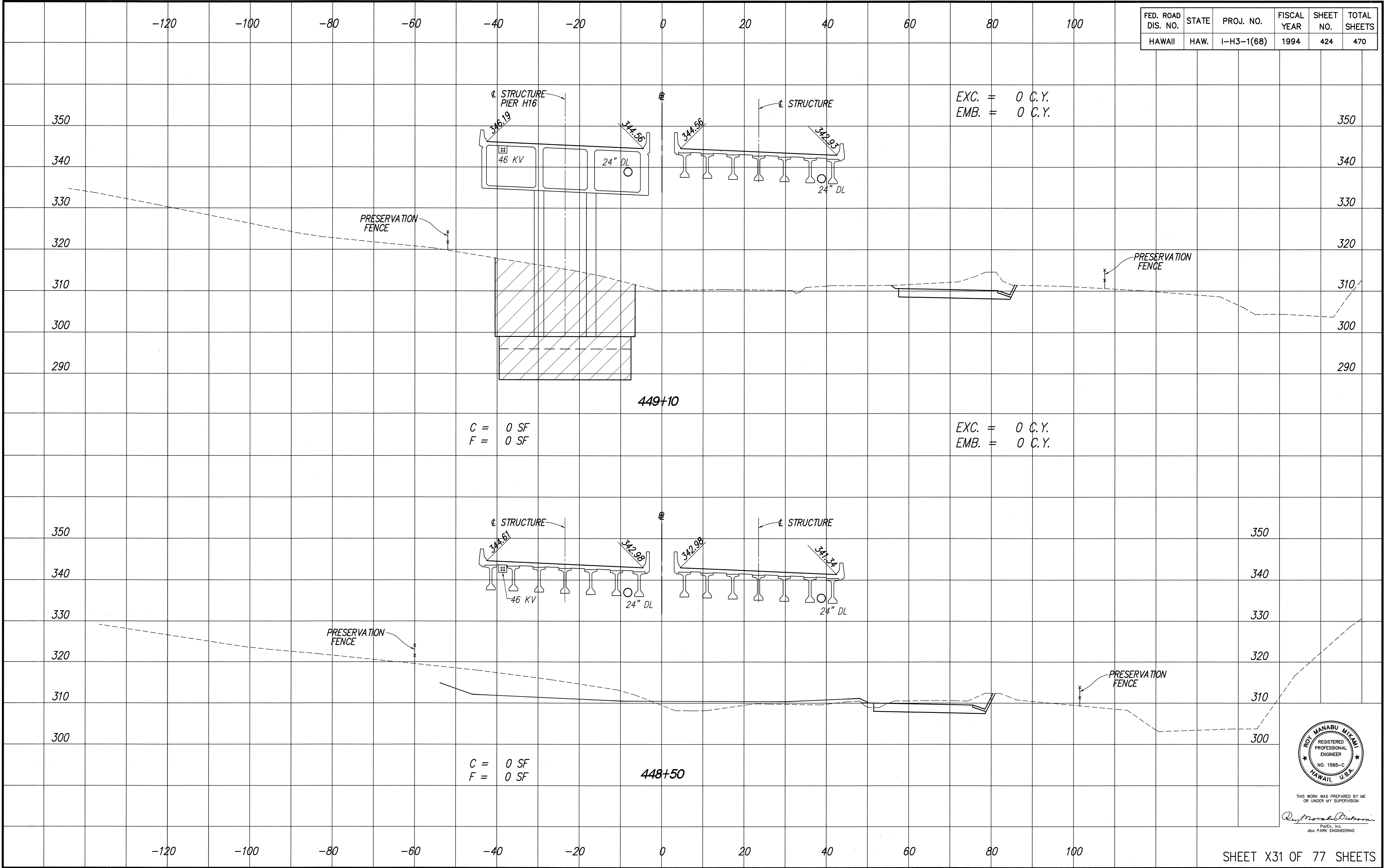
ORIGINAL  
PLAN  
NO.

SURVEY PLOTTED BY  
DATE

DRAWN BY  
CHECKED BY

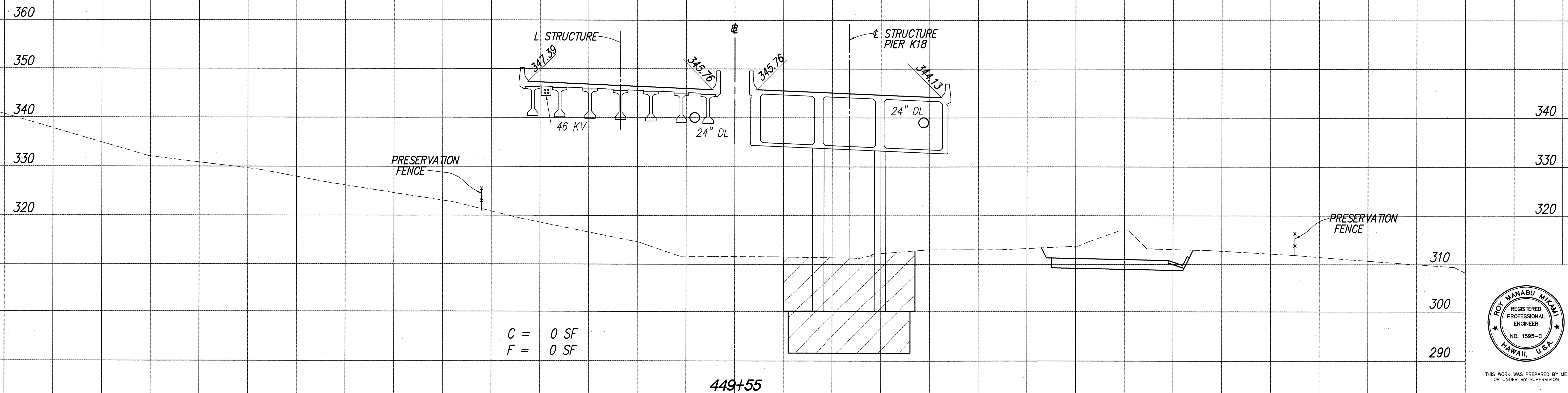
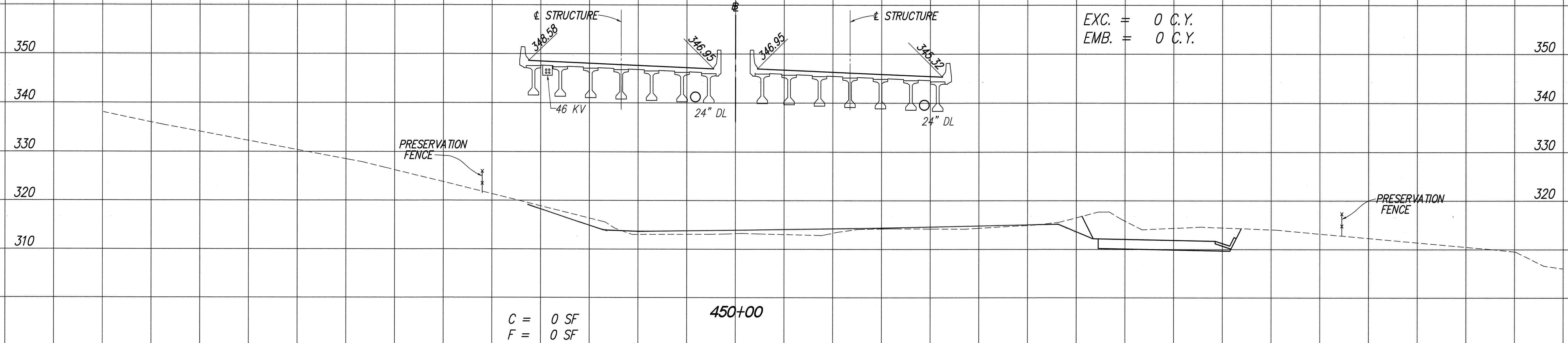
DESIGNED BY  
NOTED BY

REVISIONS BY  
DATE





| FED. ROAD<br>DIS. NO. | STATE | PROJ. NO.  | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------|-------|------------|----------------|--------------|-----------------|
| HAWAII                | HAW.  | I-H3-1(68) | 1994           | 425          | 470             |



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*Raymond A. Peterson*  
ParEn, Inc.  
dba PARK ENGINEERING

SHEET X32 OF 77 SHEETS

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425

LIB: STATE\DOT\M-3\H3030\  
H31BX32 3/22/94 RSO

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



-120 -100 -80 -60 -40 -20 0 20 40 60 80 100

| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 426       | 470          |

350

340

330

320

310

300

290

STRUCTURE  
PIER H17

351.49

46 KV

24" DL

349.86

STRUCTURE  
PIER K19

349.86

24" DL

348.23

EXC. = 0 C.Y.  
EMB. = 0 C.Y.

PRESERVATION  
FENCE

SR

PRESERVATION  
FENCE

60 DL

C = 0 SF  
F = 0 SF

451+10

EXC. = 0 C.Y.  
EMB. = 0 C.Y.

360

350

340

330

320

STRUCTURE

349.90

46 KV

24" DL

348.28

STRUCTURE

348.28

24" DL

348.64

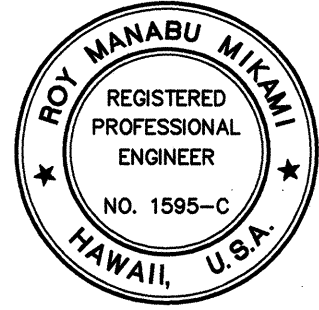
PRESERVATION  
FENCE

SR

PRESERVATION  
FENCE

C = 0 SF  
F = 0 SF

450+50



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION  
*Roy Manabu Miyama*  
Roy Manabu Miyama  
dba PARK ENGINEERING

-120 -100 -80 -60 -40 -20 0 20 40 60 80 100

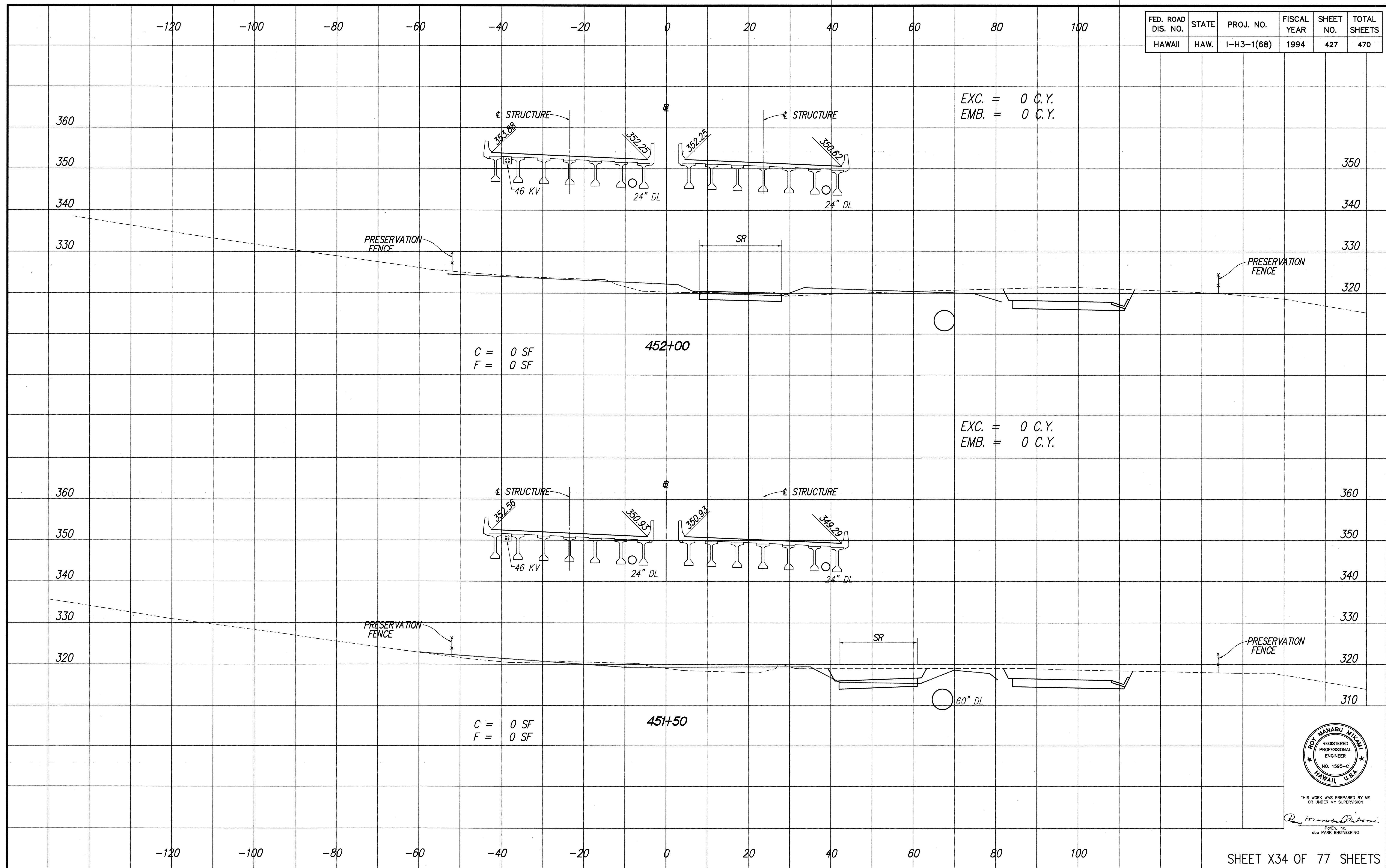
SHEET X33 OF 77 SHEETS

426

|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NO.               | _____ |



| FED. ROAD<br>DIS. NO. | STATE | PROJ. NO.  | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------|-------|------------|----------------|--------------|-----------------|
| HAWAII                | HAW.  | I-H3-1(68) | 1994           | 427          | 470             |



SHEET X34 OF 77 SHEETS

---

427

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



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*Monroe D. Pickett*

ParEn, Inc.  
dba PARK ENGINEERING

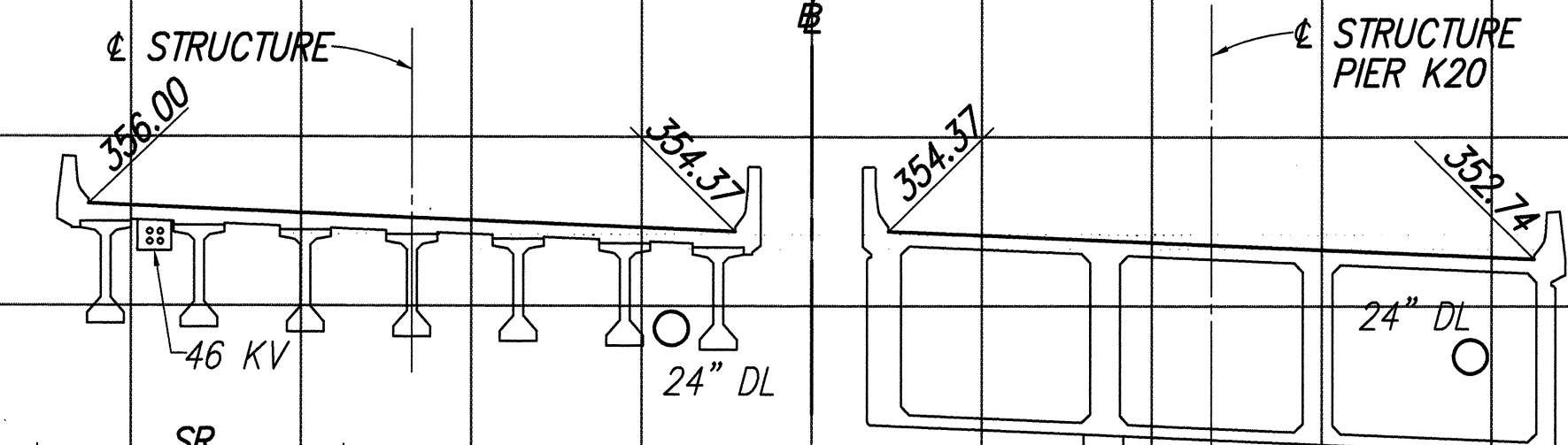
LIB: STATE\DOT\H-3\H3030\  
H31BX34 3/22/94 RSO



-120 -100 -80 -60 -40 -20 0 20 40 60 80 100

| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 428       | 470          |

EXC. = 0 C.Y.  
EMB. = 0 C.Y.



PRESERVATION FENCE

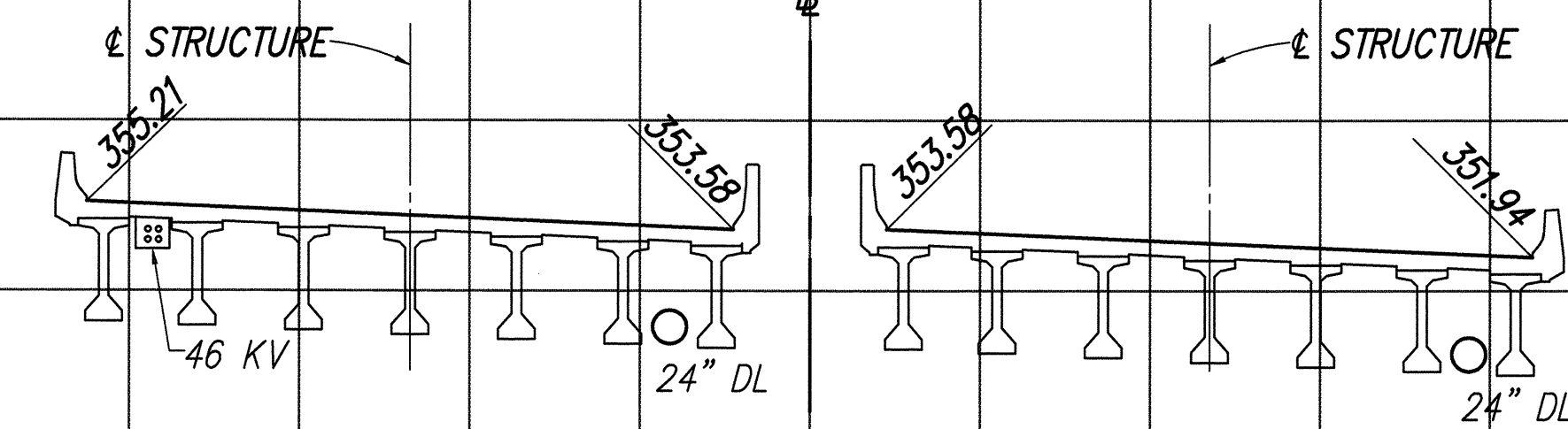
C = 0 SF  
F = 0 SF

60" DL

PRESERVATION FENCE

452+80

EXC. = 0 C.Y.  
EMB. = 0 C.Y.



PRESERVATION FENCE

C = 0 SF  
F = 0 SF

60" DL

PRESERVATION FENCE

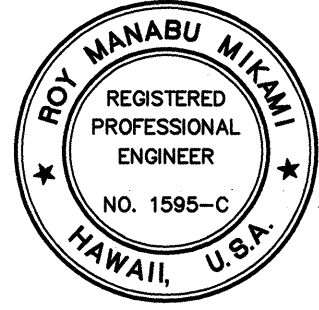
452+50

-120 -100 -80 -60 -40 -20 0 20 40 60 80 100

SHEET X35 OF 77 SHEETS

428

|                   |  |
|-------------------|--|
| DATE              |  |
| SURVEY PLOTTED BY |  |
| DRAWN BY          |  |
| TRACED BY         |  |
| CHECKED BY        |  |
| ORIGINAL PLAN     |  |
| NOTES             |  |
| NO.               |  |



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Roy Manabu Miyaki  
P.E., INC.  
dba PARK ENGINEERING

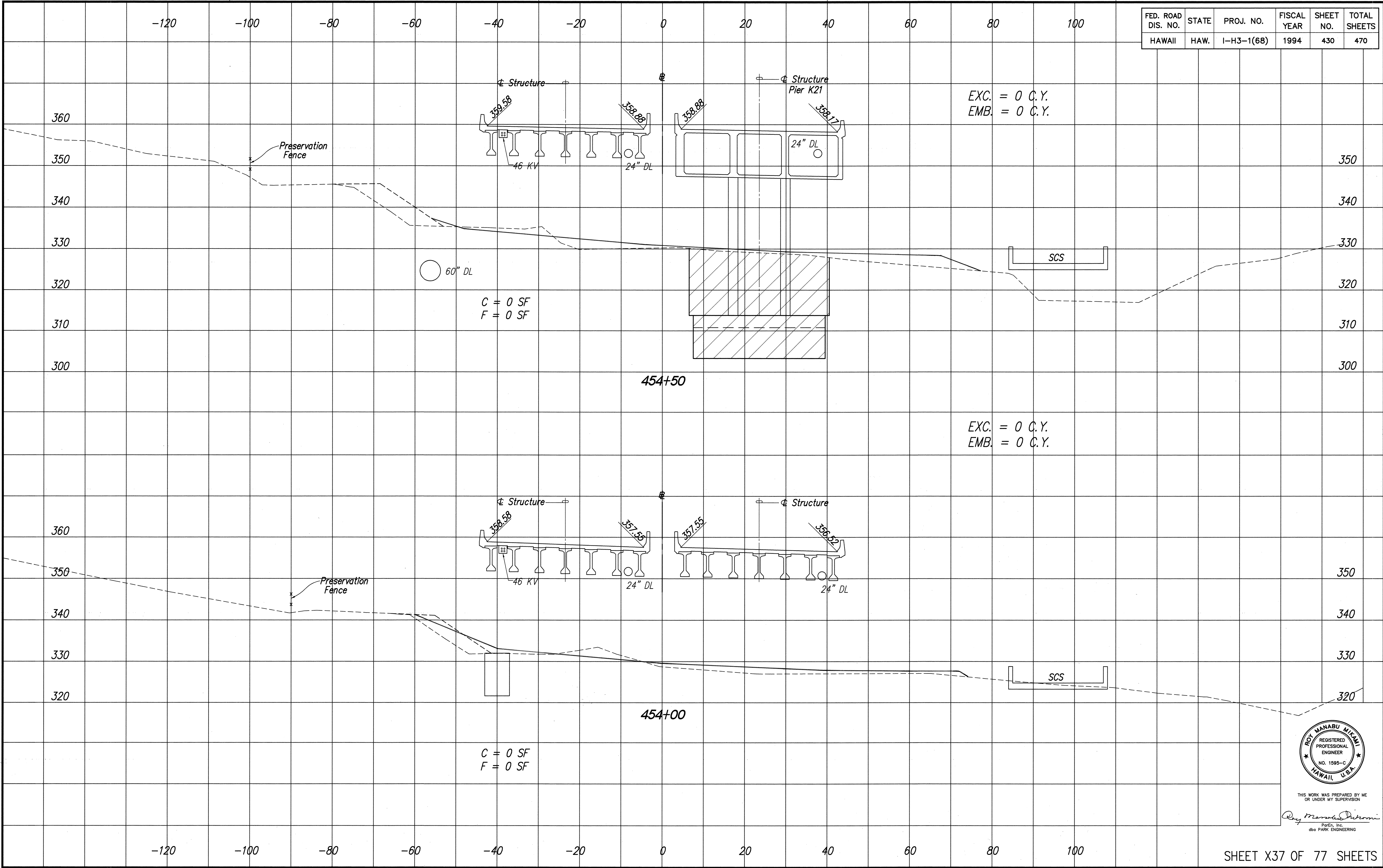
LIB: STATE DOT-V-3100001  
H31835 3/22/94 P50



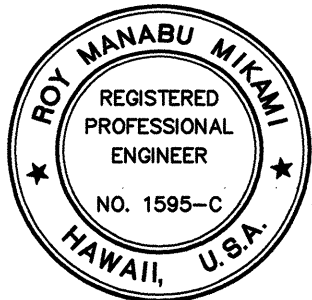




DATE \_\_\_\_\_  
SURVEY PLOTTED BY \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL PLAN \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
No. \_\_\_\_\_



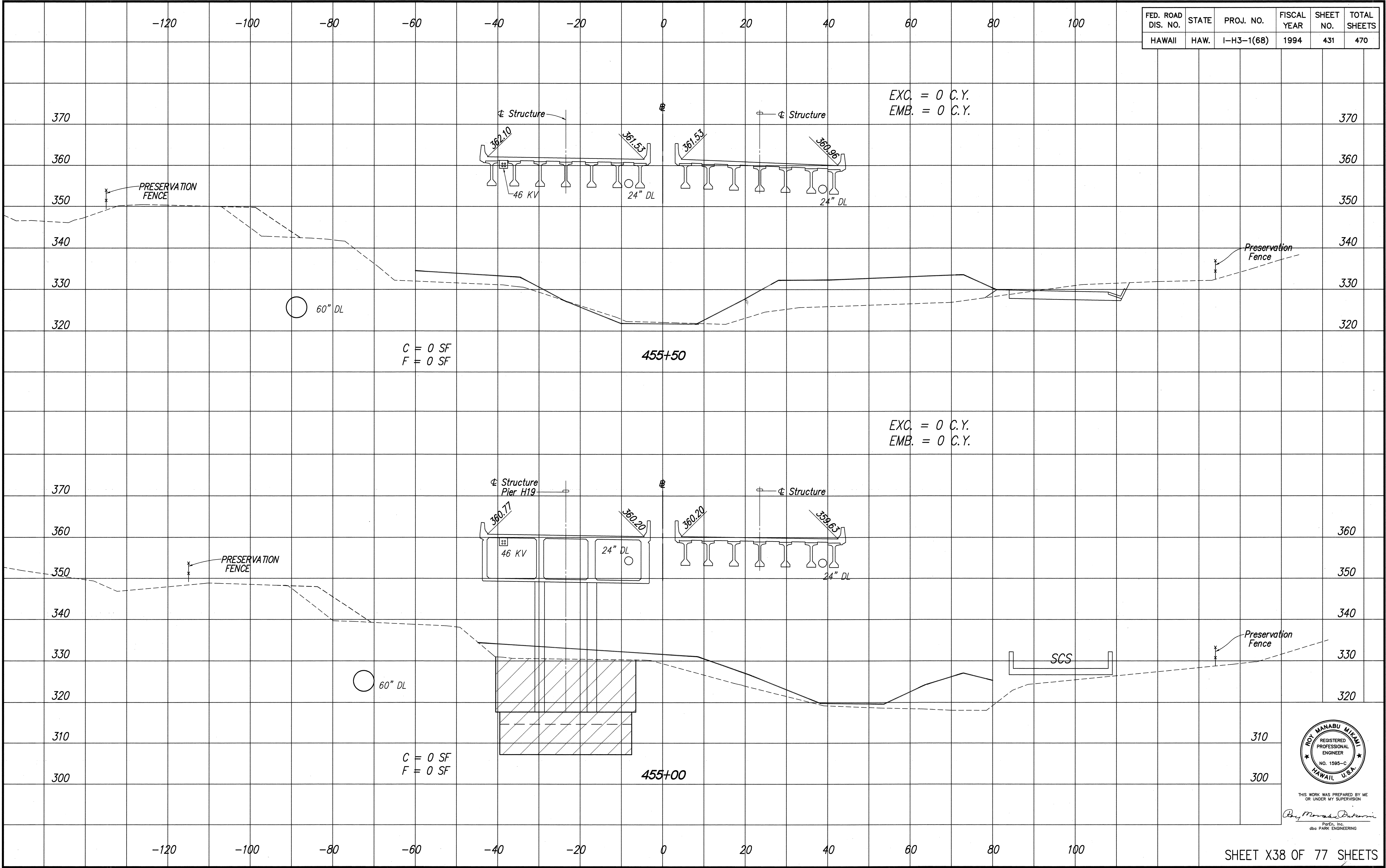
| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 430       | 470          |



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*Roy Manabu Nishimura*  
P.E., Inc.  
dba PARK ENGINEERING



DATE \_\_\_\_\_  
SURVEY PLOTTED BY \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
DESIGNED BY \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
ORIGINAL \_\_\_\_\_  
PLAN \_\_\_\_\_  
NO. \_\_\_\_\_



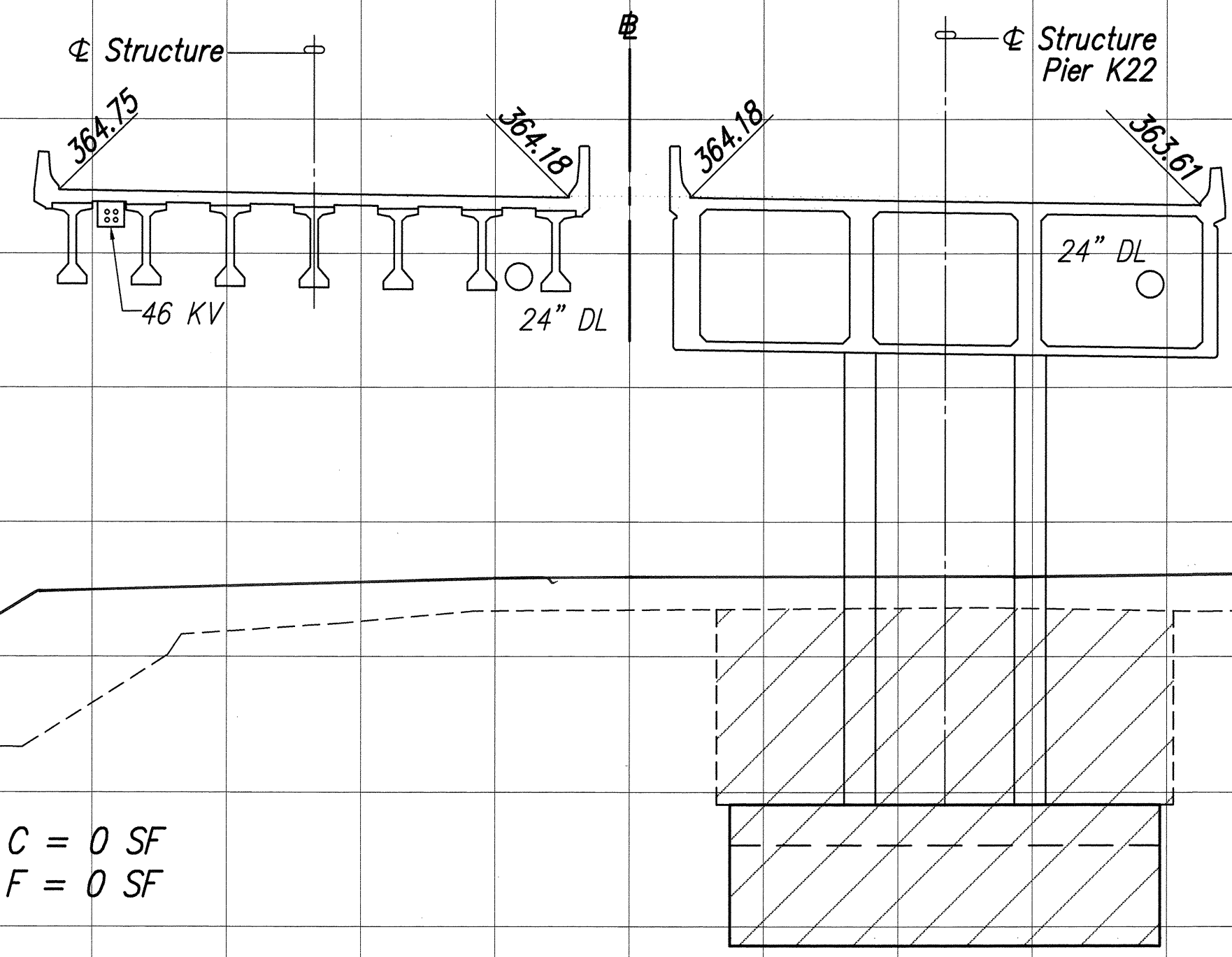


-140 -120 -100 -80 -60 -40 -20 0 20 40 60 80

| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 432       | 470          |

EXC. = 0 C.Y.  
EMB. = 0 C.Y.

370  
360  
350  
340  
330  
320  
310  
300

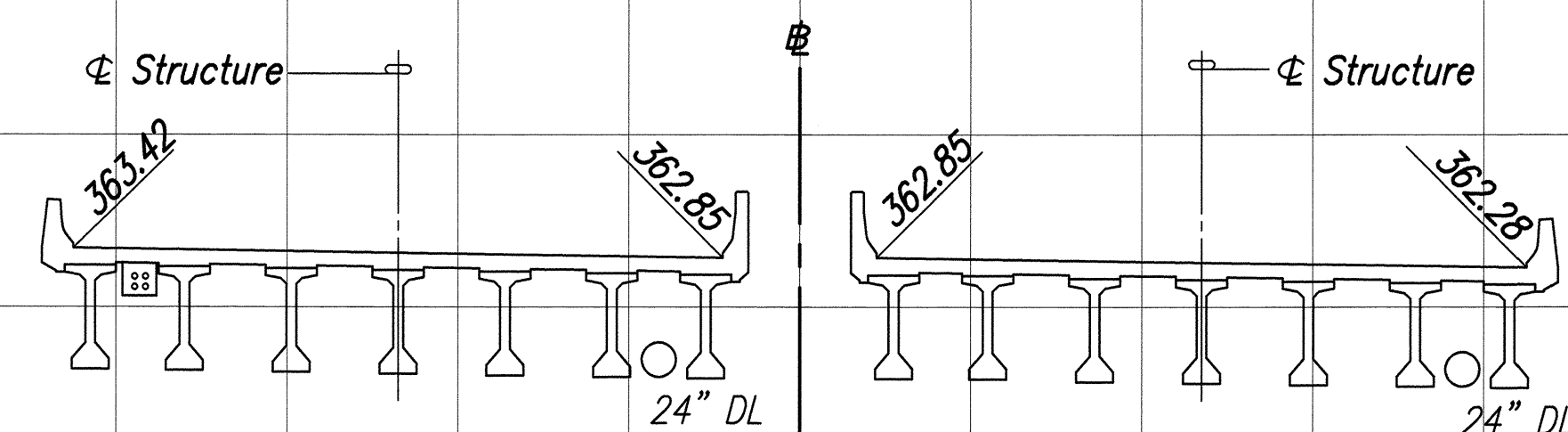


C = 0 SF  
F = 0 SF

456+50

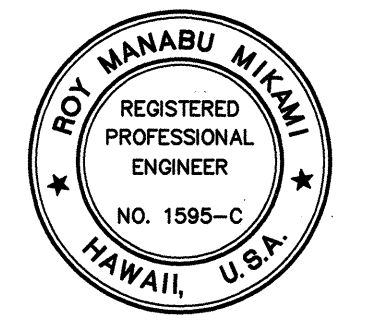
EXC. = 0 C.Y.  
EMB. = 0 C.Y.

370  
360  
350  
340  
330



C = 0 SF  
F = 0 SF

456+00



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OR UNDER MY SUPERVISION  
*Roy Manabu Miyaki*  
ParEn, Inc.  
dba PARK ENGINEERING

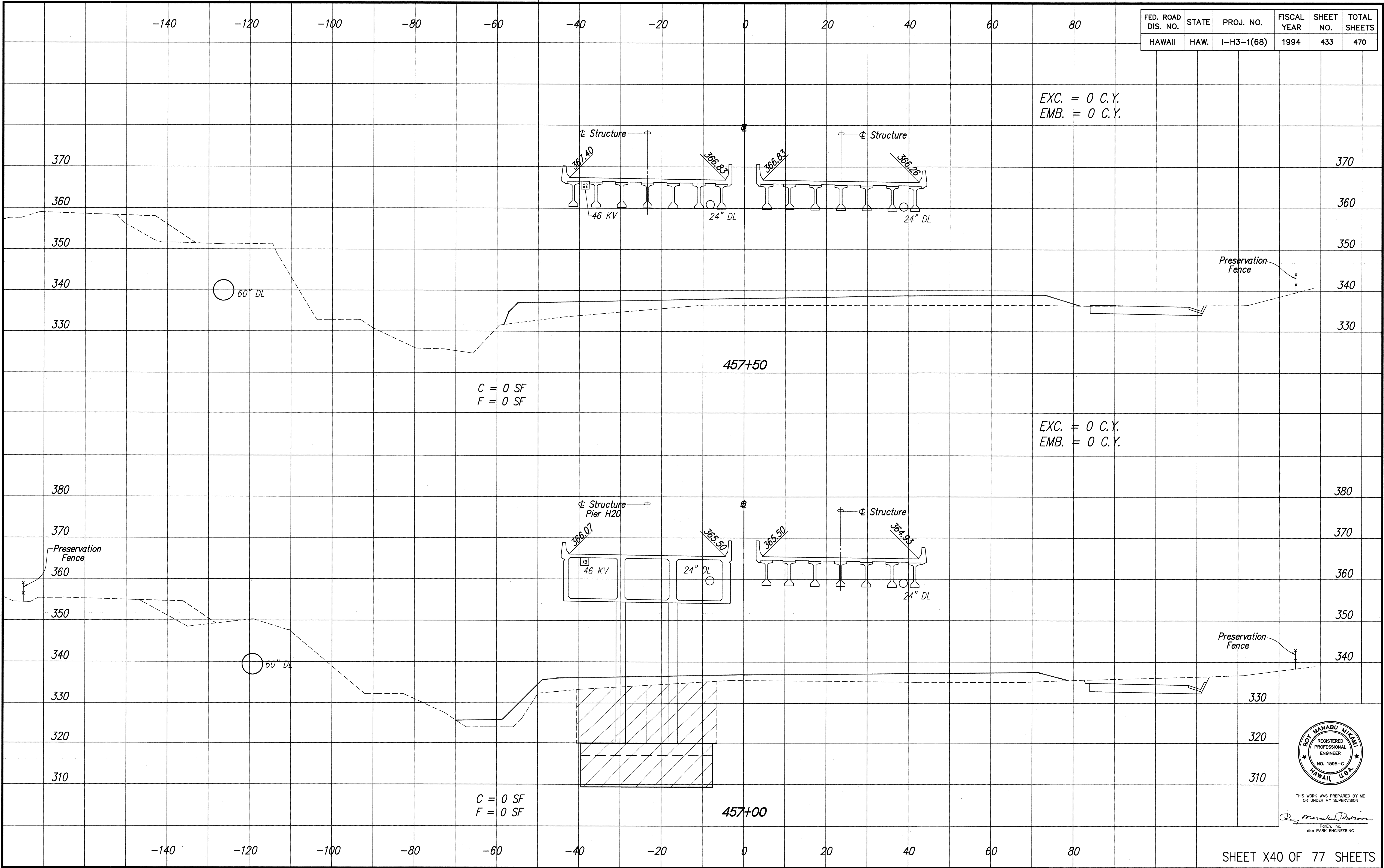
-140 -120 -100 -80 -60 -40 -20 0 20 40 60 80 100

SHEET X39 OF 77 SHEETS

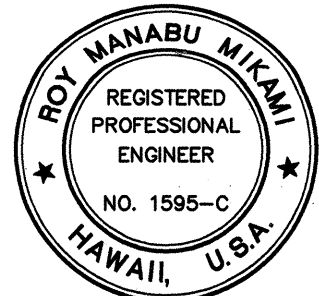
|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NO.               | _____ |



DATE \_\_\_\_\_  
SURVEY PLOTTED BY \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
NOTES \_\_\_\_\_  
No. \_\_\_\_\_



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 433       | 470          |



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OR UNDER MY SUPERVISION  
Roy Manabu Miyama  
P.E., Inc.  
dba PARK ENGINEERING

LIB: STATE DOT/VI-343030/  
H3B440 3/22/94 RS



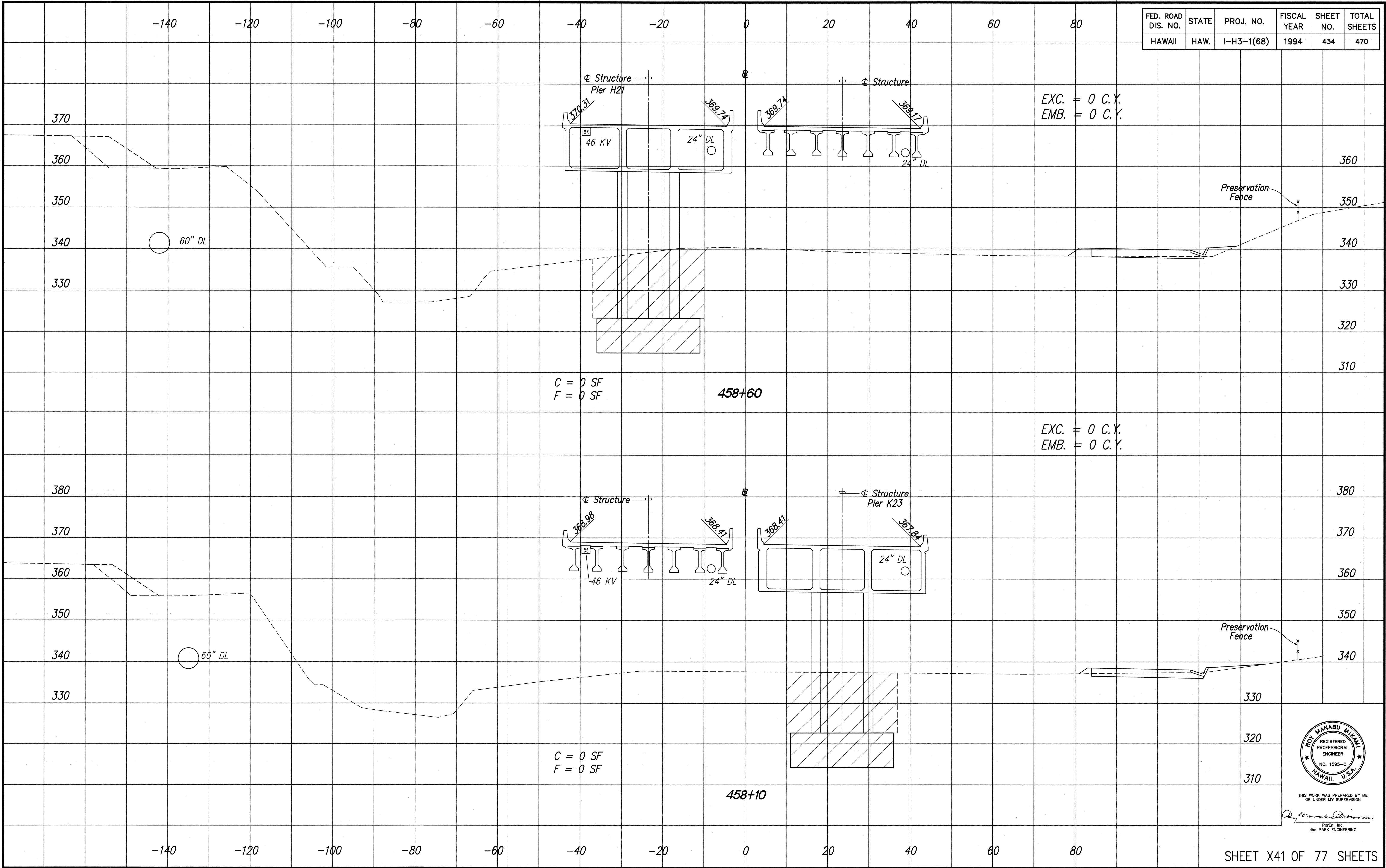
ORIGINAL  
PLAN  
No.

SURVEY PLOTTED BY  
DATE

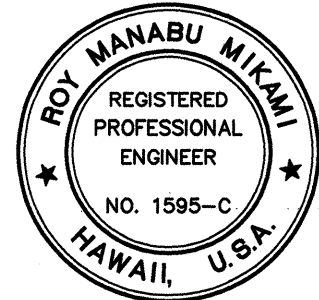
DRAWN BY  
CHECKED BY

DESIGNED BY  
NOTES

REVISIONS BY  
DATE



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 434       | 470          |



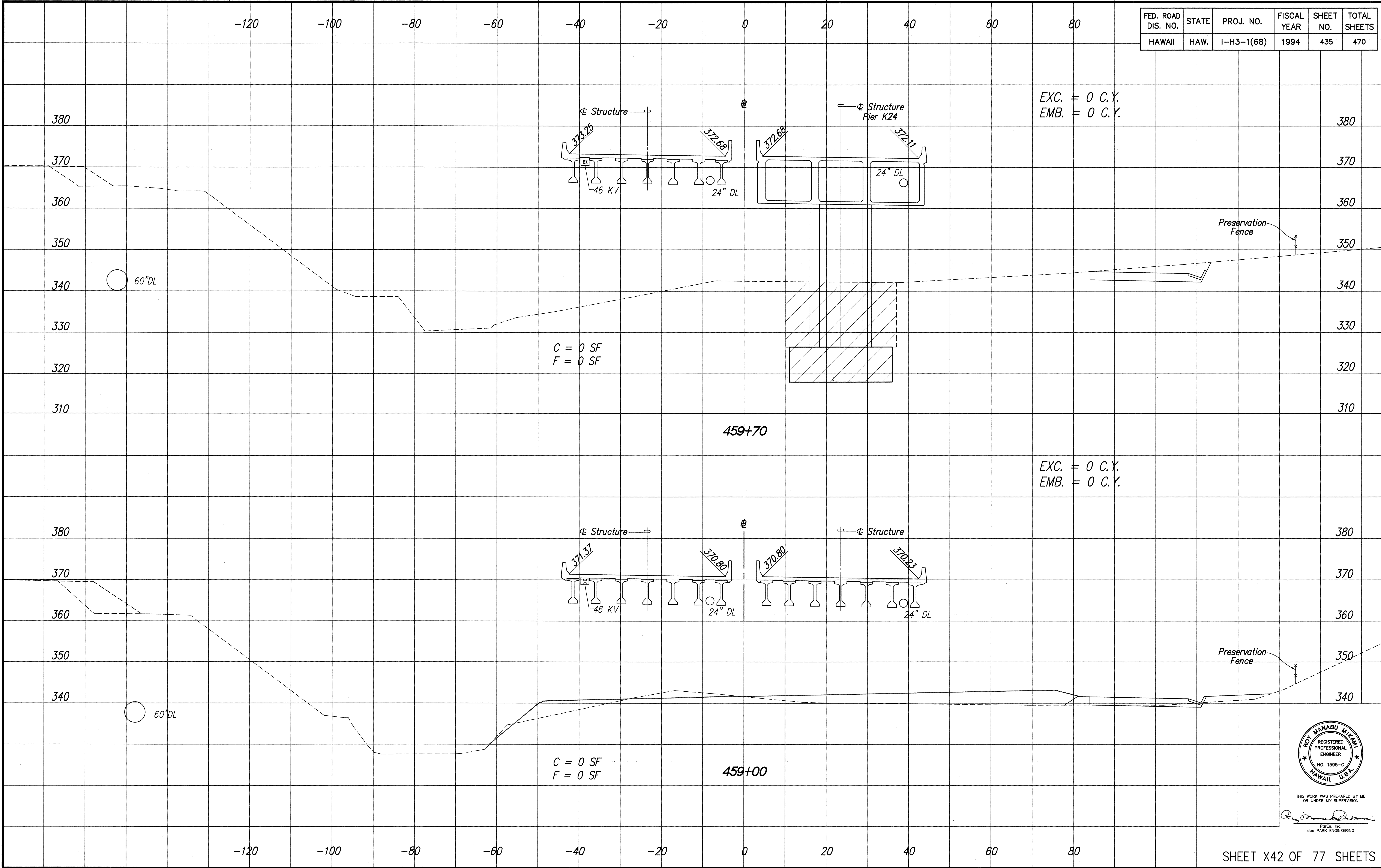
THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION

*Roy Manabu Miyami*

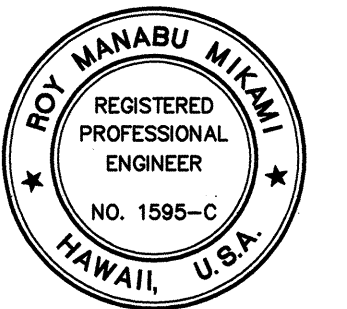
PerEn, Inc.  
dba PARK ENGINEERING



DATE: \_\_\_\_\_  
SURVEY PLOTTED BY: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
ORIGINAL PLAN: \_\_\_\_\_  
NOTED BY: \_\_\_\_\_  
No. \_\_\_\_\_



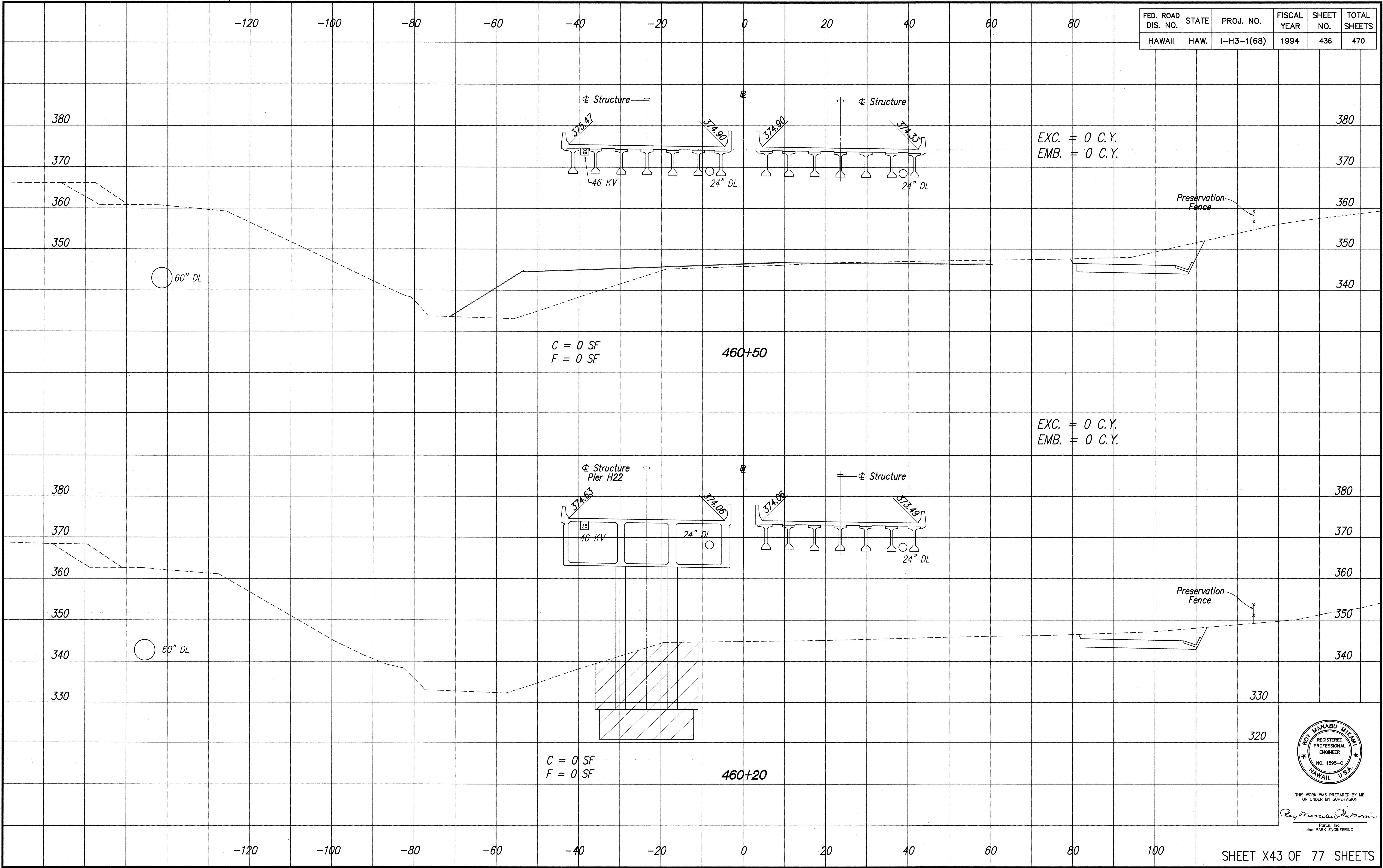
| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 435       | 470          |



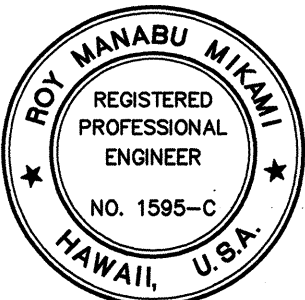
THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION  
*Roy Manabu Mikami*  
Roy Manabu Mikami, Inc.  
dba PARK ENGINEERING



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 436       | 470          |



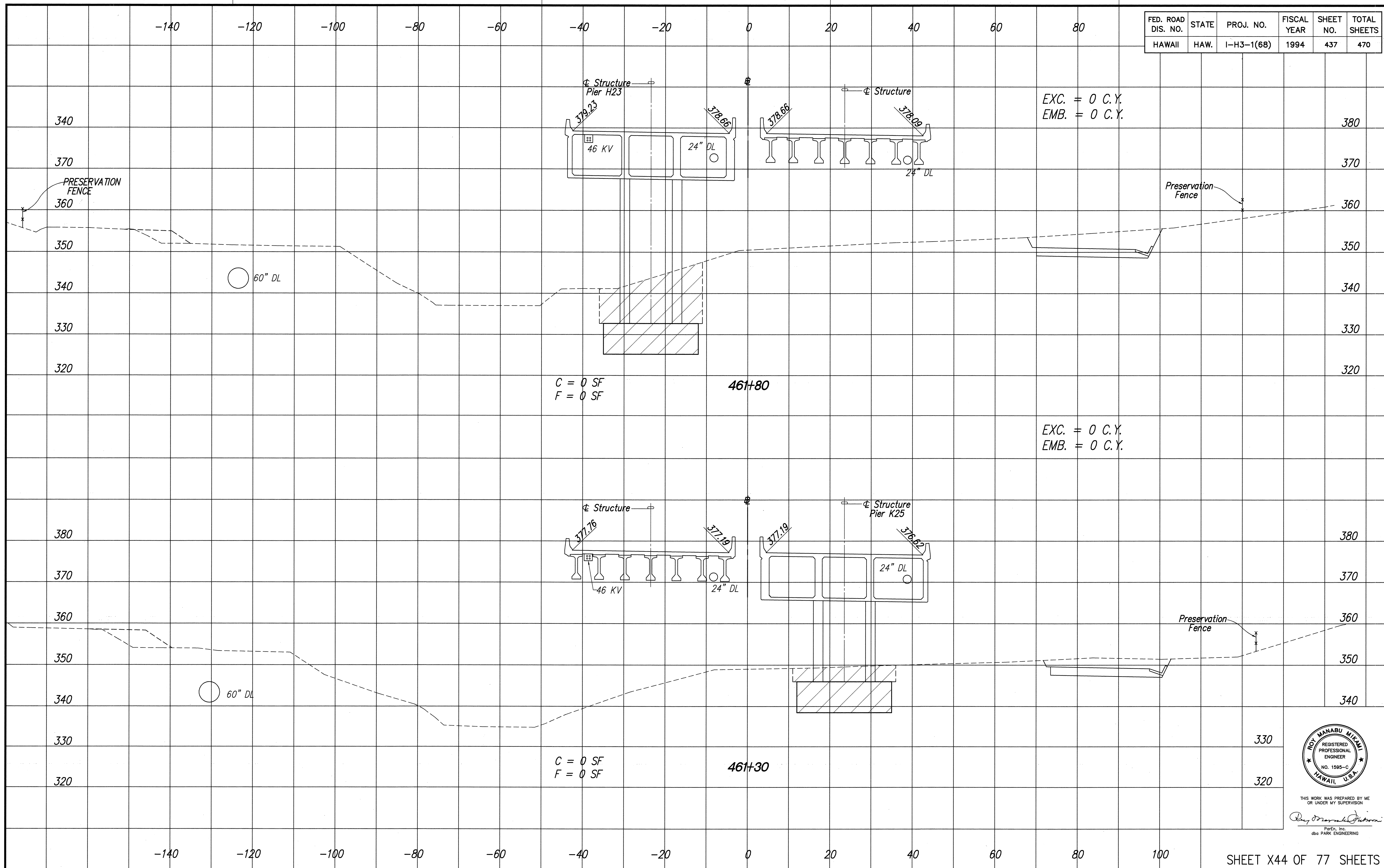
|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| QUANTITIES BY     | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NO.               | _____ |



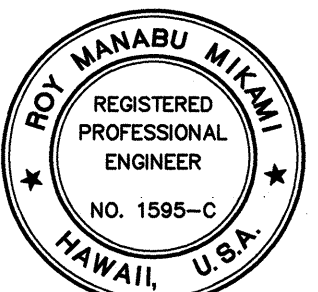
THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION  
*Roy Manabu Miyama*  
Roy Manabu Miyama  
dba PARK ENGINEERING



| FED. ROAD<br>DIS. NO. | STATE | PROJ. NO.  | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------|-------|------------|----------------|--------------|-----------------|
| HAWAII                | HAW.  | I-H3-1(68) | 1994           | 437          | 470             |



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



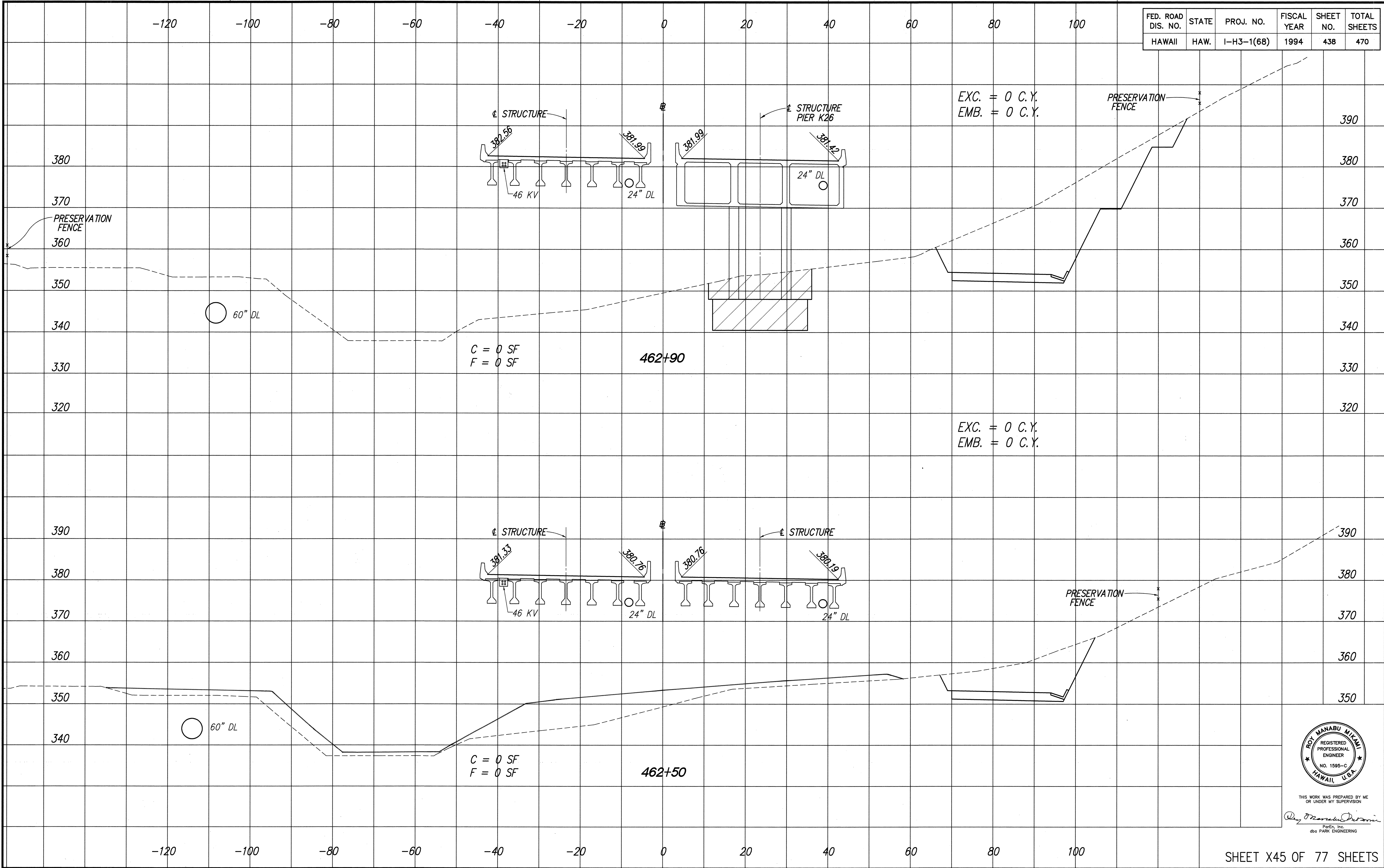
THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION

*Doug Marshall Dickson*

ParEn, Inc.  
dba PARK ENGINEERING



DATE \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL \_\_\_\_\_  
PLAN \_\_\_\_\_  
NOTES \_\_\_\_\_  
No. \_\_\_\_\_



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 438       | 470          |



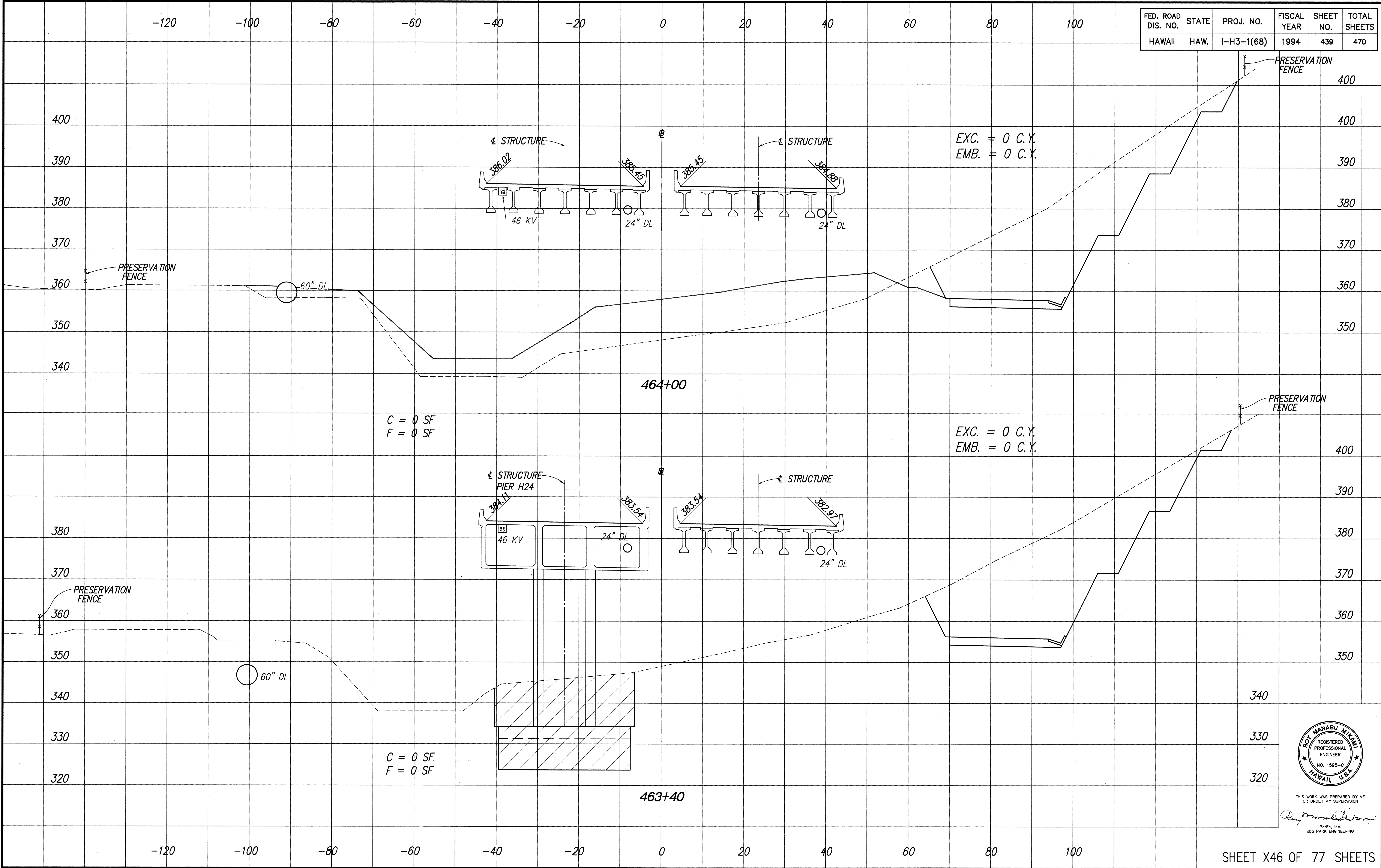
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

*Roy Manabu Miyama*

ROY MANABU MIYAMA, INC.  
dba PARK ENGINEERING



|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTES             | _____ |
| NO.               | _____ |



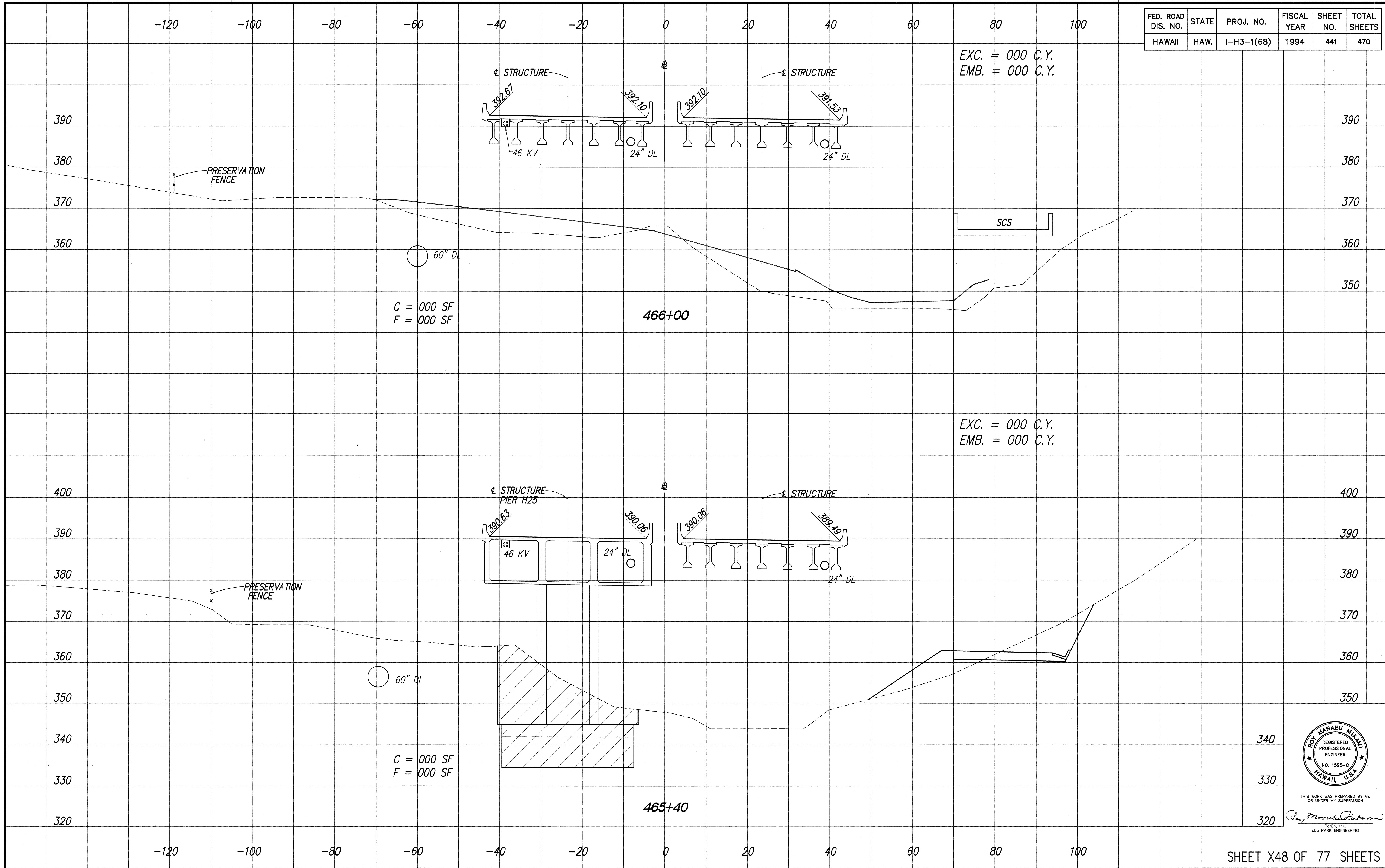




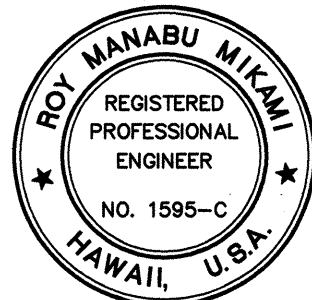


ORIGINAL  
PLAN  
NOTED BY  
No.

SURVEY PLOTTED BY  
DATE  
DRAWN BY  
DESIGNED BY  
CHECKED BY



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 441       | 470          |



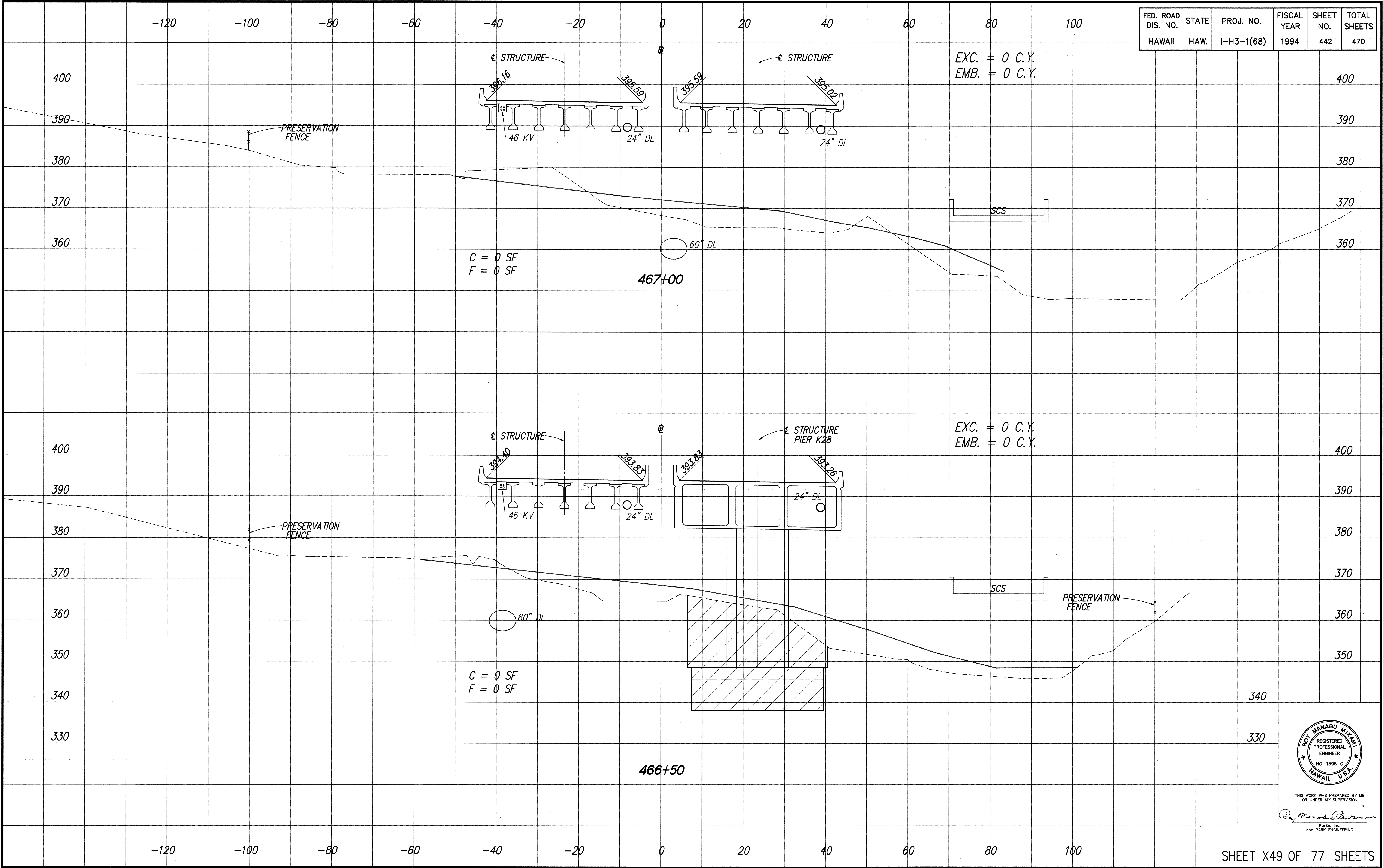
THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION

*Roy Manabu Miyama*  
PARK ENGINEERING

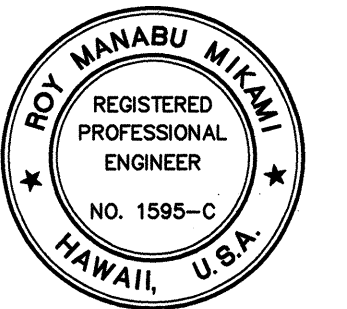
SHEET X48 OF 77 SHEETS



DATE: \_\_\_\_\_  
SURVEY PLANNED BY: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
ORIGINAL PLAN: \_\_\_\_\_  
NOTED BY: \_\_\_\_\_  
NO. \_\_\_\_\_



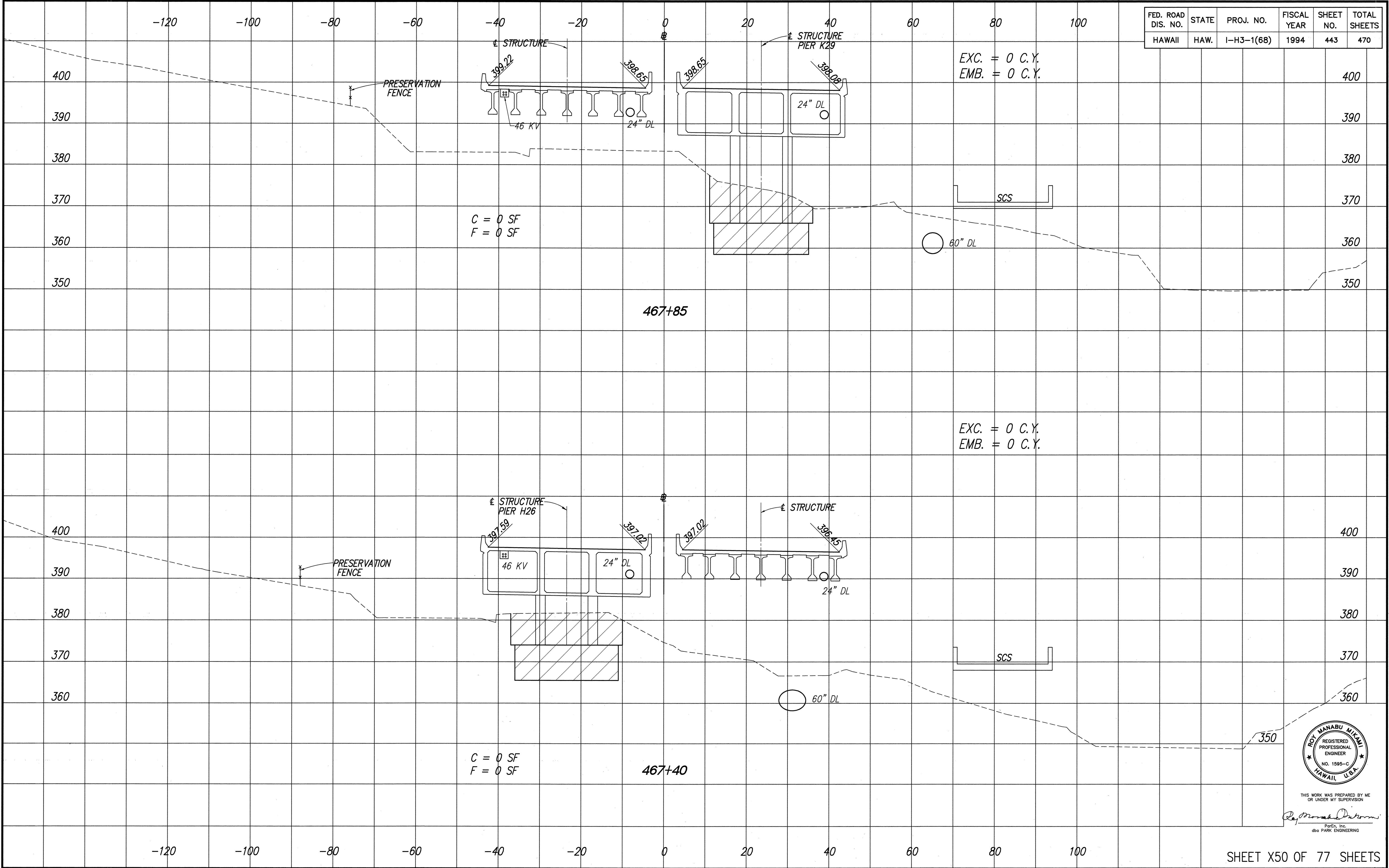
| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 442       | 470          |



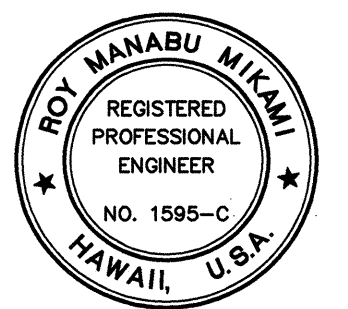
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
Roy Manabu Miyamoto  
Parks, Inc.  
dba PARK ENGINEERING



DATE \_\_\_\_\_  
SURVEY PLOTTED BY \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
NOTES  
No. \_\_\_\_\_



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 443       | 470          |

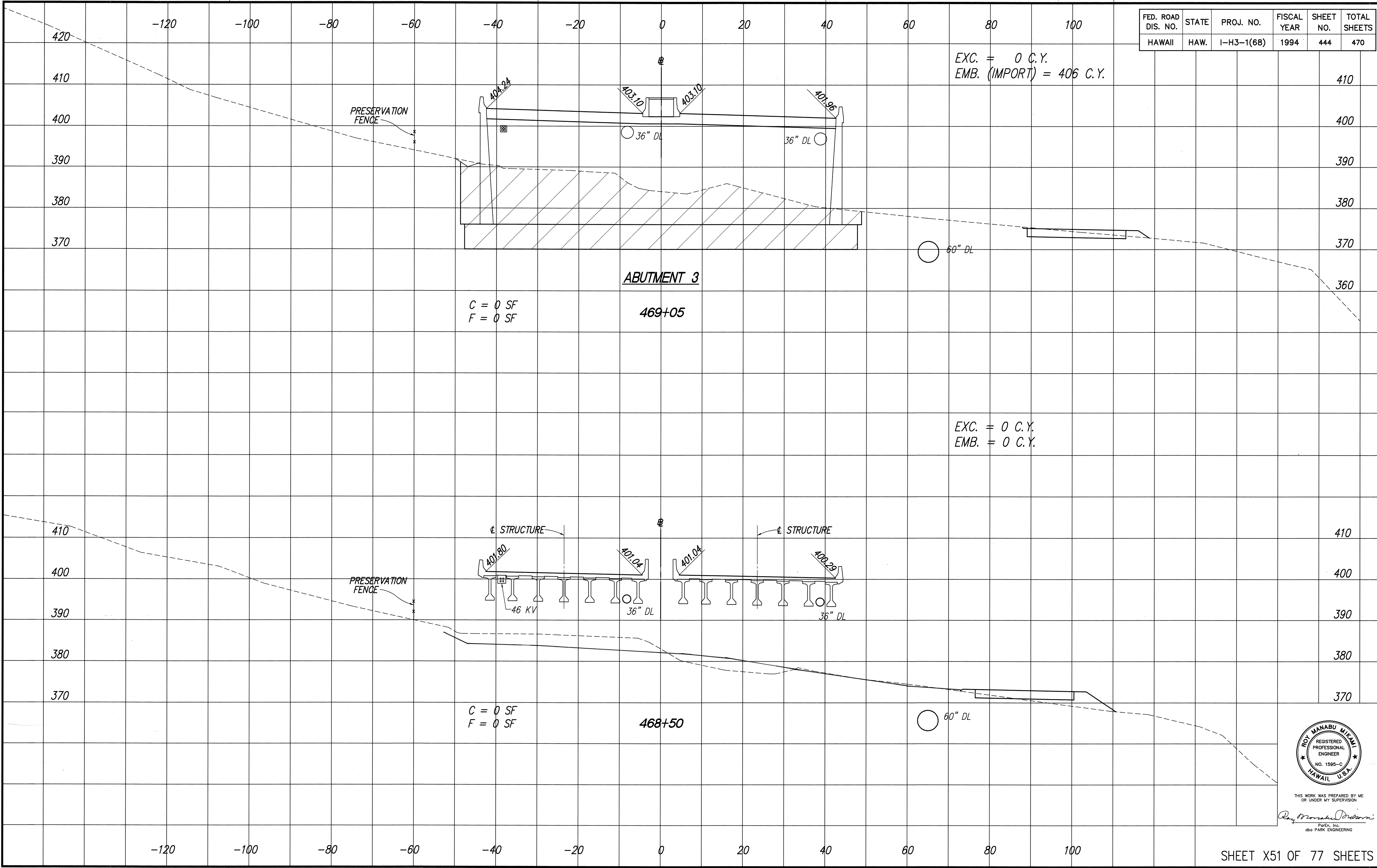


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OR UNDER MY SUPERVISION  
*Roy Manabu Mifumi*  
P.E., Inc.  
dba PARK ENGINEERING



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 444       | 470          |

EXC. = 0 C.Y.  
 EMB. (IMPORT) = 406 C.Y.



|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTES             | _____ |
| NO.               | _____ |

ROY MANABU MIYAKI  
 REGISTERED PROFESSIONAL ENGINEER  
 NO. 1595-C  
 HAWAII, U.S.A.

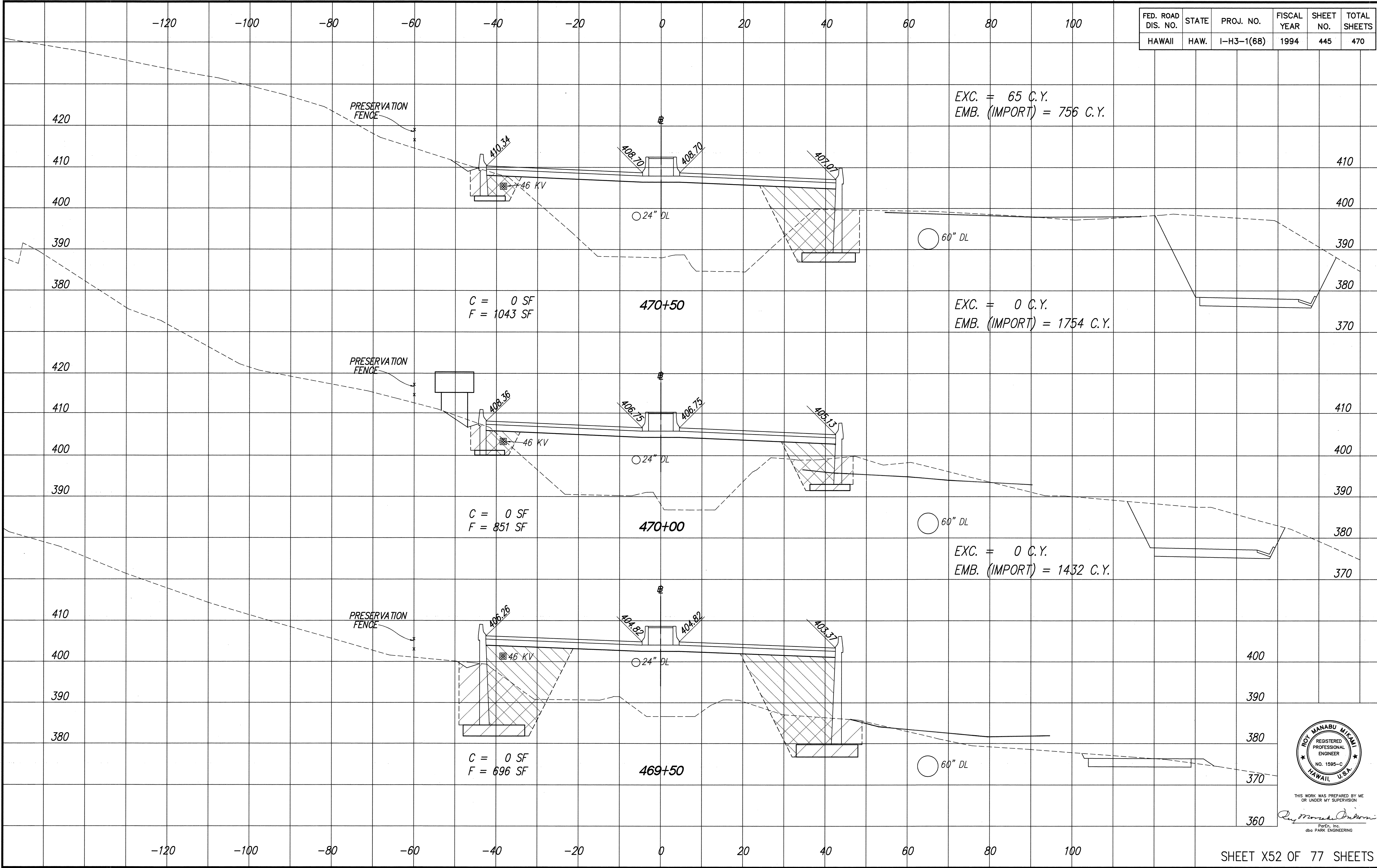
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

*Raymond M. Miyaki*  
 P.E., Inc.  
 dba PARK ENGINEERING

LIB: STATE DOT-V-3130301  
 H31531 3/22/94 650



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 445       | 470          |



|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLANNED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTED BY          | _____ |
| NO.               | _____ |

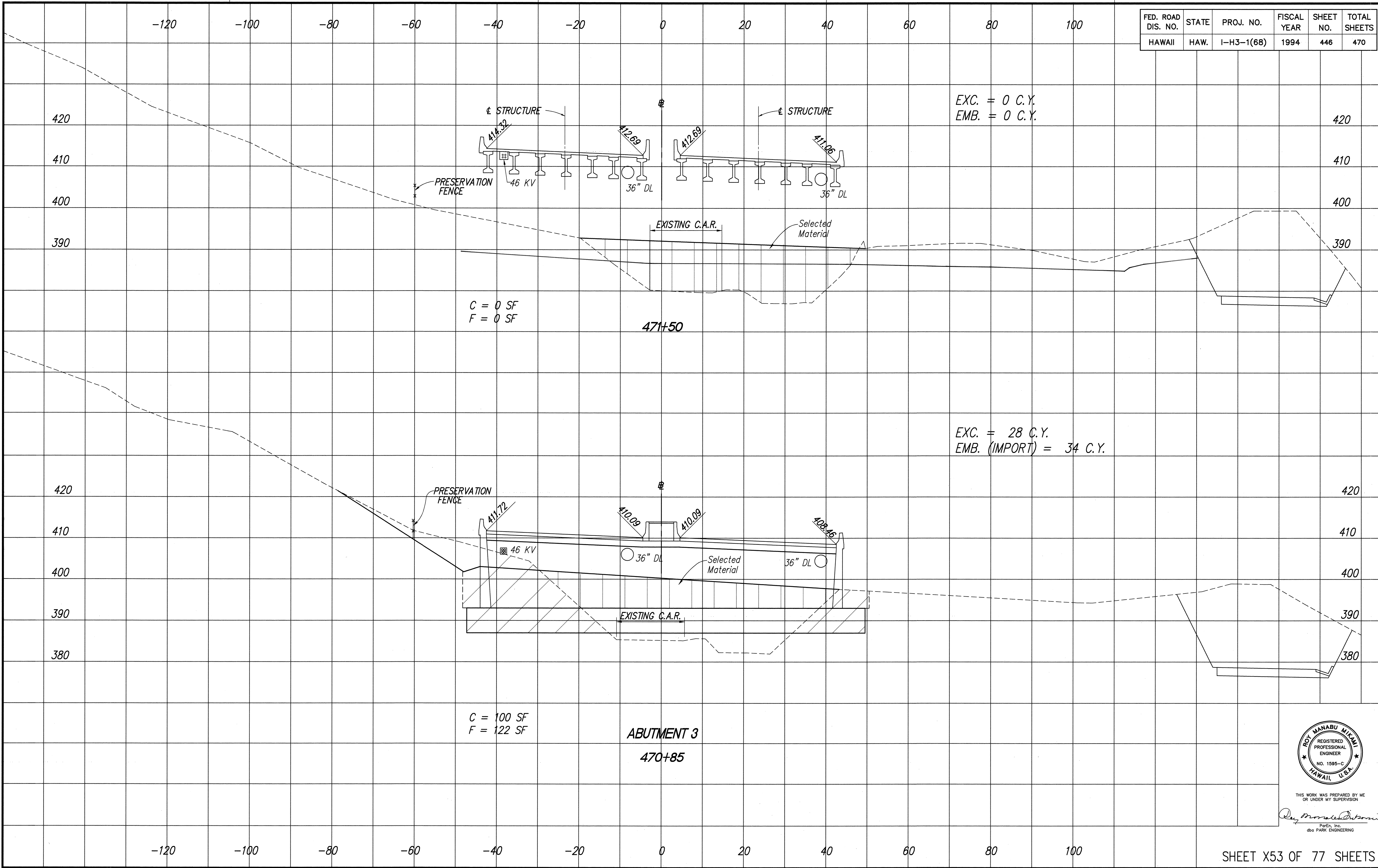
ROY MANABU MIAMI  
REGISTERED  
PROFESSIONAL  
ENGINEER  
NO. 1595-C  
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION

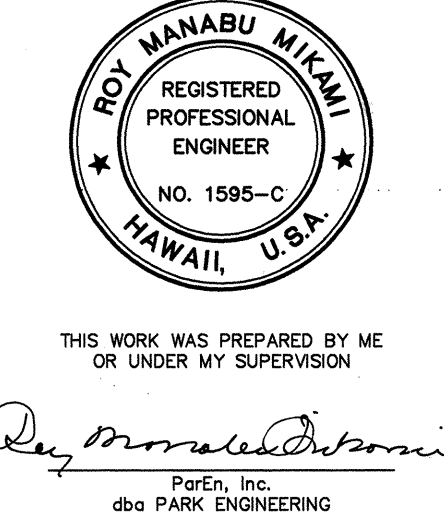
*Roy Manabu Miami*  
Roy Manabu Miami, Inc.  
dba PARK ENGINEERING



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 446       | 470          |



|                   |       |
|-------------------|-------|
| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTED BY          | _____ |
| CHECKED BY        | _____ |
| No.               | _____ |



SHEET X53 OF 77 SHEETS



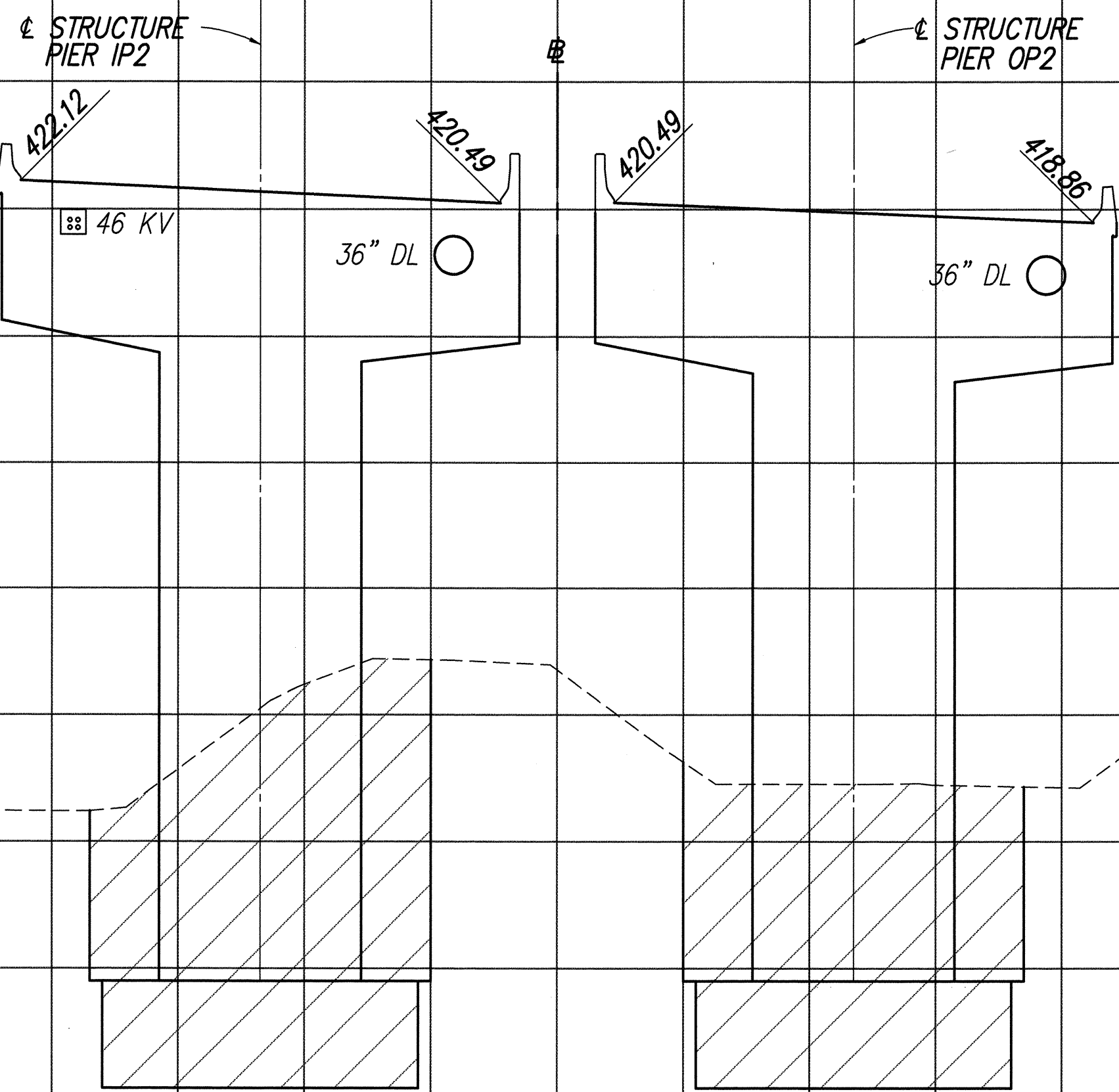




-120   -100   -80   -60   -40   -20   0   20   40   60   80   100

| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 448       | 470          |

EXC. = 0 C.Y.  
EMB. = 0 C.Y.

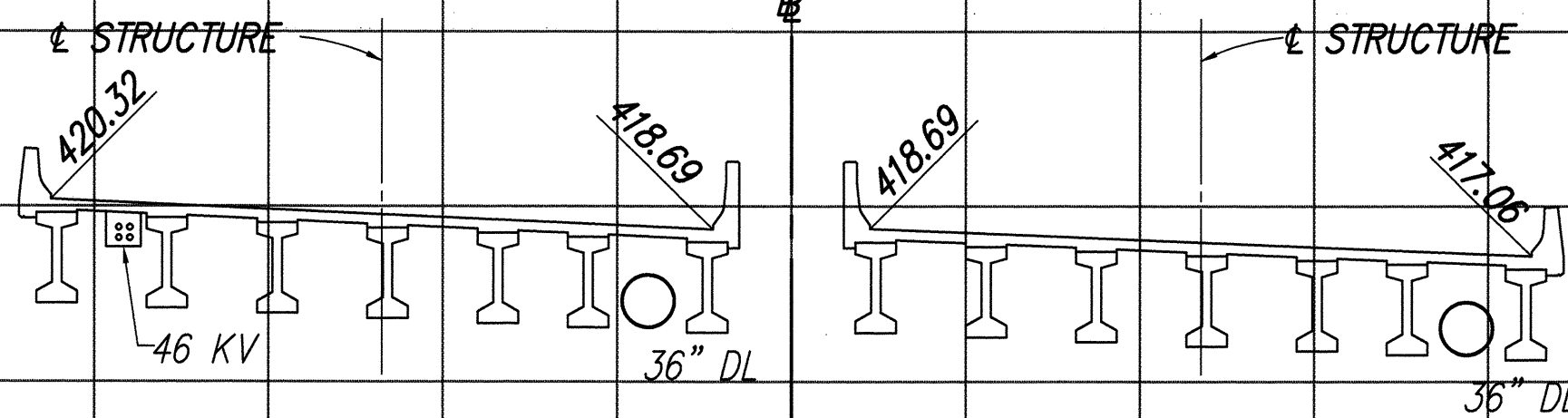


C = 0 SF  
F = 0 SF

PRESERVATION FENCE

473+45

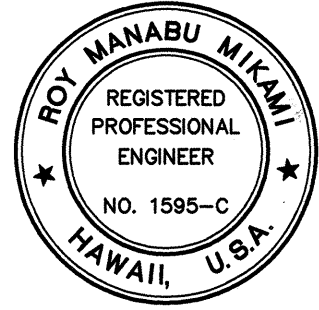
EXC. = 0 C.Y.  
EMB. = 0 C.Y.



C = 0 SF  
F = 0 SF

PRESERVATION FENCE

473+00



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION  
*Roy Manabu Miyama*  
dba PARK ENGINEERING

140

SHEET X55 OF 77 SHEETS

448

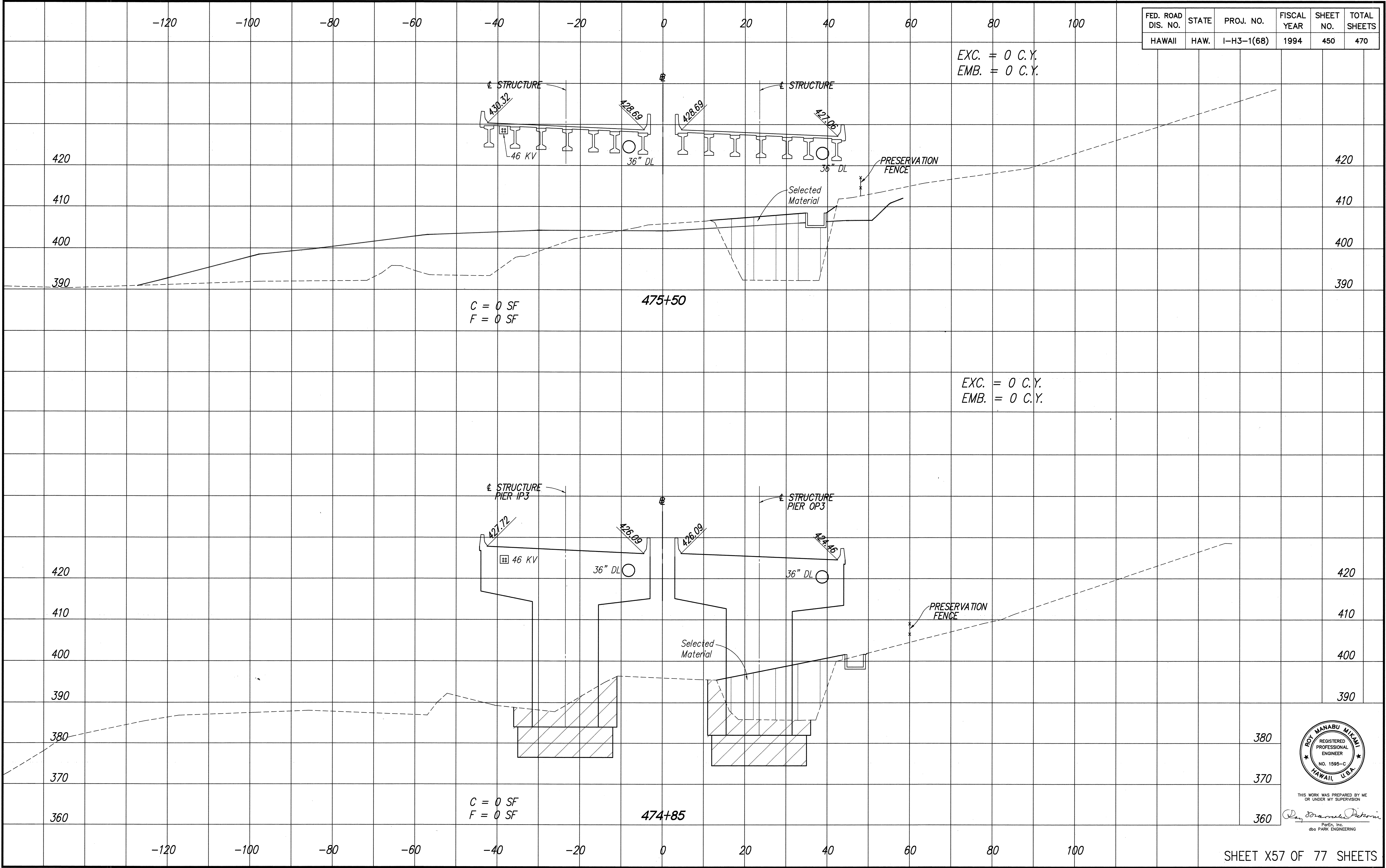
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| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
| DRAWN BY          | _____ |
| TRACED BY         | _____ |
| CHECKED BY        | _____ |
| NOTED BY          | _____ |
| QUANTITIES BY     | _____ |
| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NO.               | _____ |





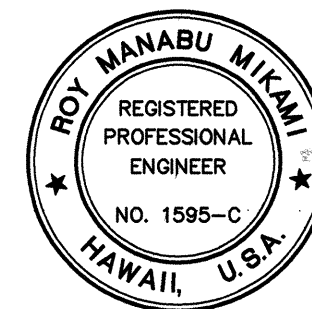
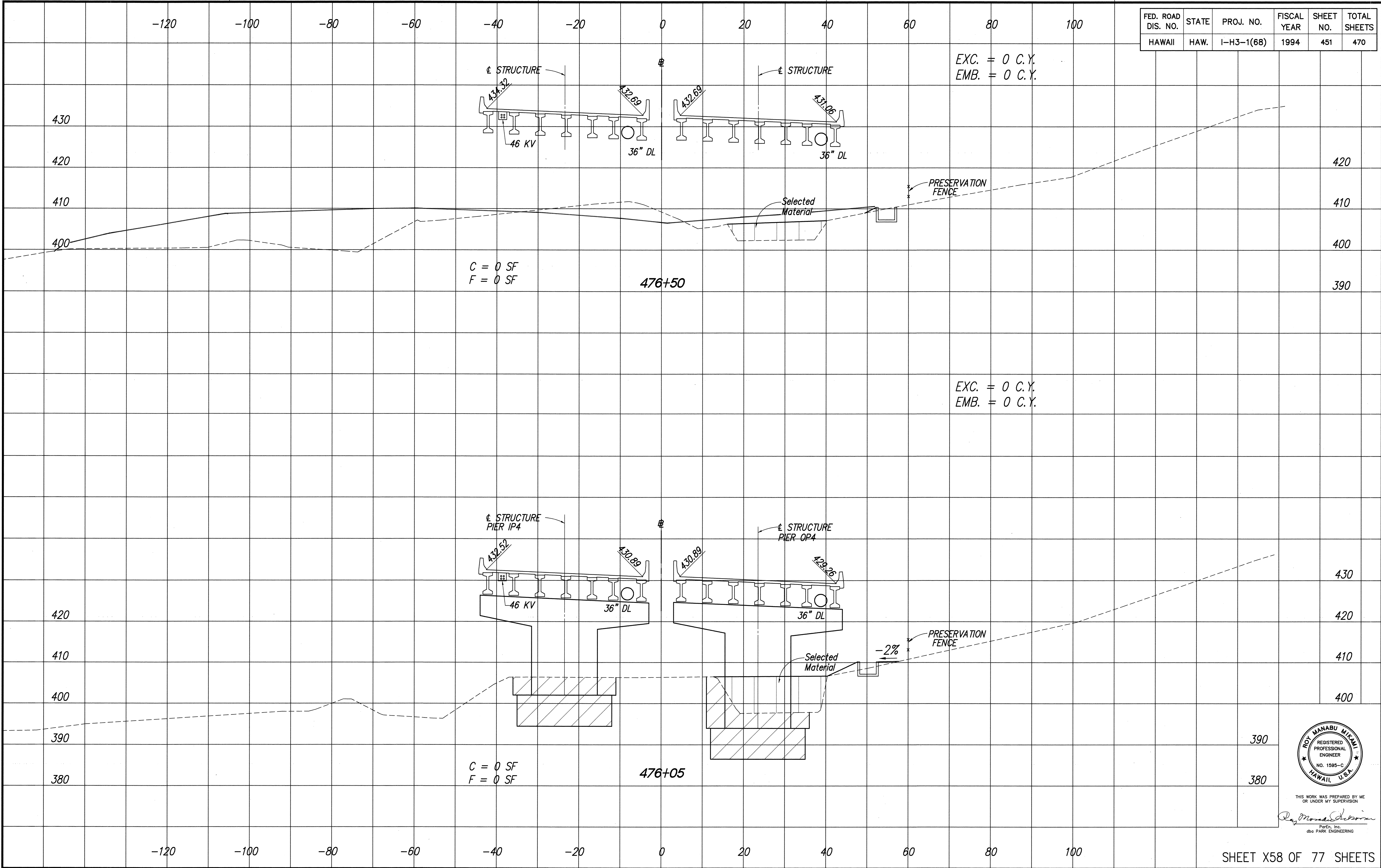


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SURVEY PLOTTED BY \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL \_\_\_\_\_  
PLAN \_\_\_\_\_  
NOTES \_\_\_\_\_  
No. \_\_\_\_\_





DATE \_\_\_\_\_  
SURVEY PLOTTED BY \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL PLAN \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
No. \_\_\_\_\_



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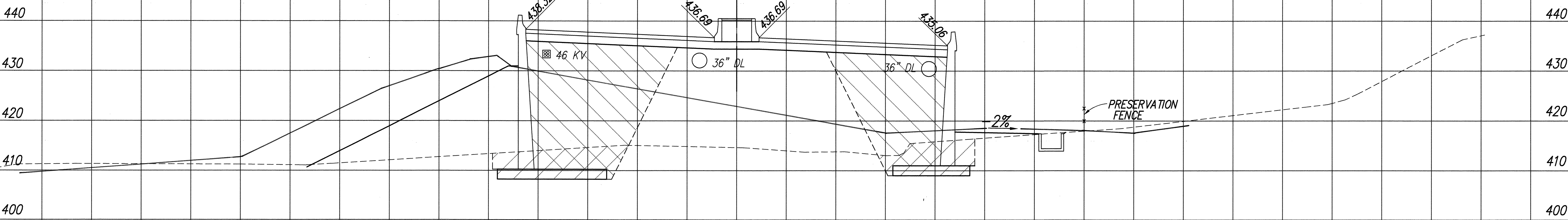
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H31858 3/22/94 R50



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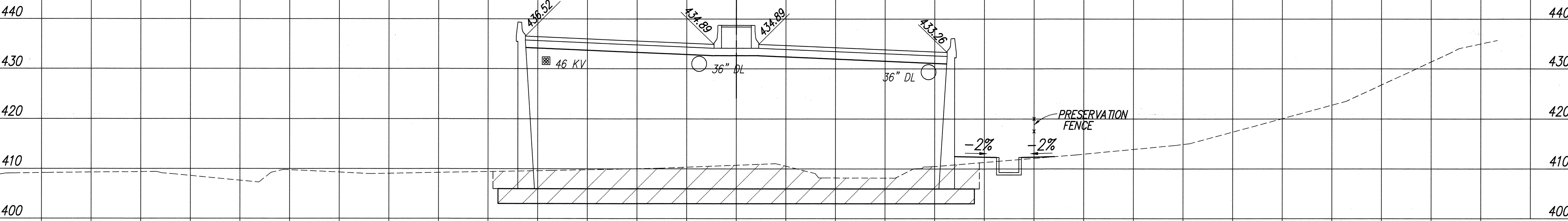
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|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 452       | 470          |

EXC. = 0 C.Y.  
EMB. (IMPORT) = 3533 C.Y.



C = 0 SF  
F = 0 SF  
477+50

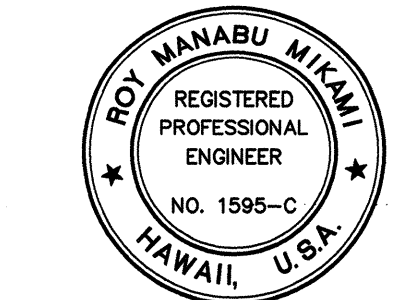
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EMB. (IMPORT) = 755 C.Y.



C = 0 SF  
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ABUTMENT 4  
477+05

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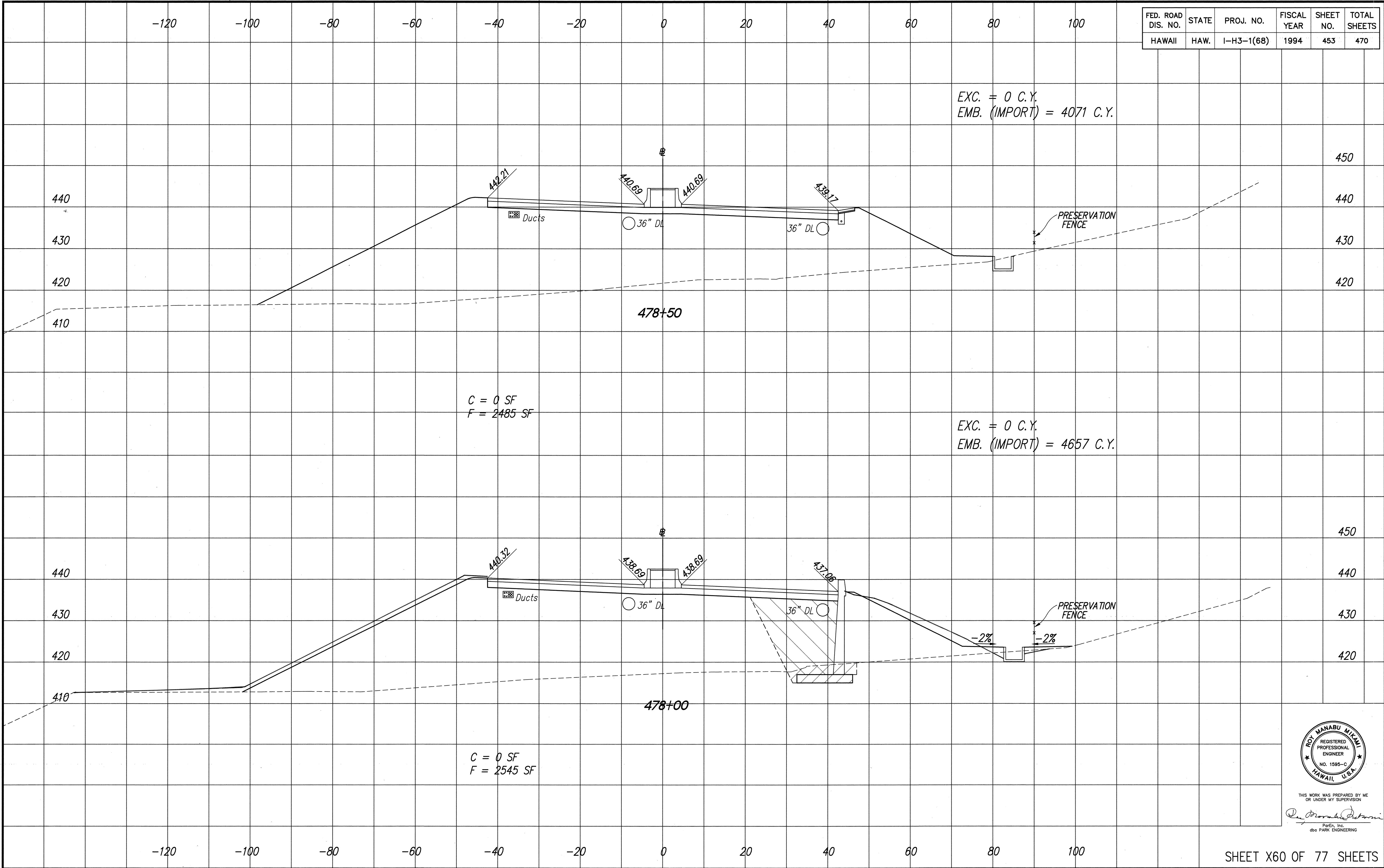
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| DATE              | _____ |
| SURVEY PLOTTED BY | _____ |
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| CHECKED BY        | _____ |
| ORIGINAL PLAN     | _____ |
| NOTES             | _____ |
| NO.               | _____ |



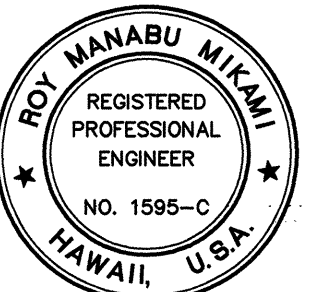
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DATE \_\_\_\_\_  
SURVEY PLOTTED BY \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
ORIGINAL PLAN \_\_\_\_\_  
NOTED BY \_\_\_\_\_  
NO. \_\_\_\_\_



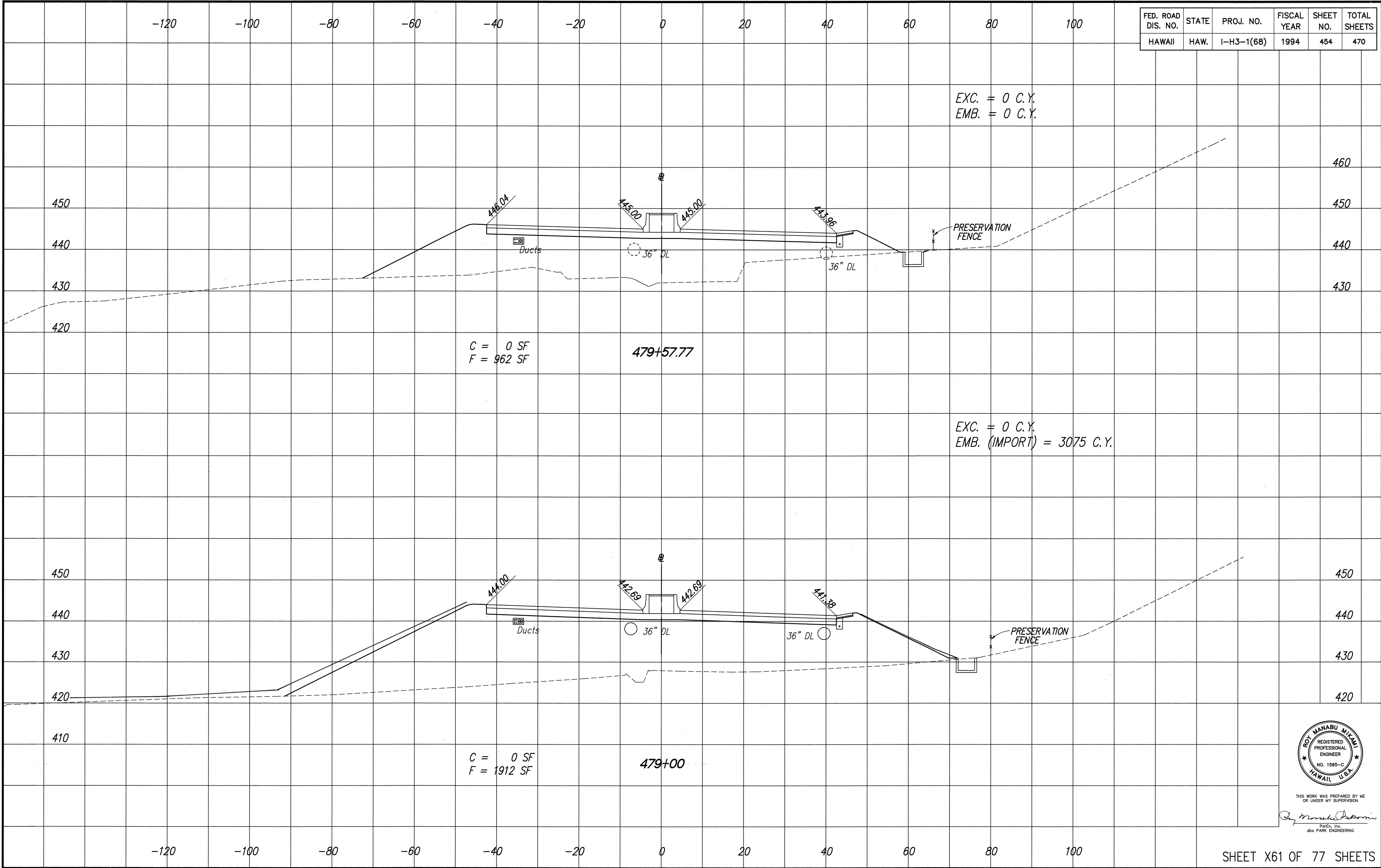
| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 453       | 470          |



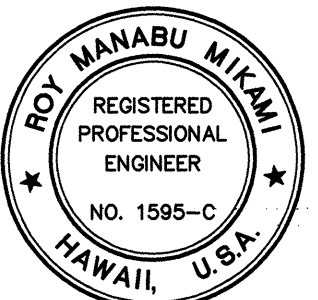
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*Roy Manabu Miyaki*  
Roy Manabu Miyaki, Inc.  
dba PARK ENGINEERING



DATE: \_\_\_\_\_  
SURVEY PLOTTED BY: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
ORIGINAL PLAN: \_\_\_\_\_  
NOTED BY: \_\_\_\_\_  
NO. \_\_\_\_\_



| FED. ROAD DIS. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|------------|-------------|-----------|--------------|
| HAWAII             | HAW.  | I-H3-1(68) | 1994        | 454       | 470          |



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