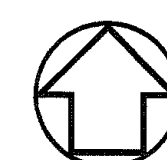
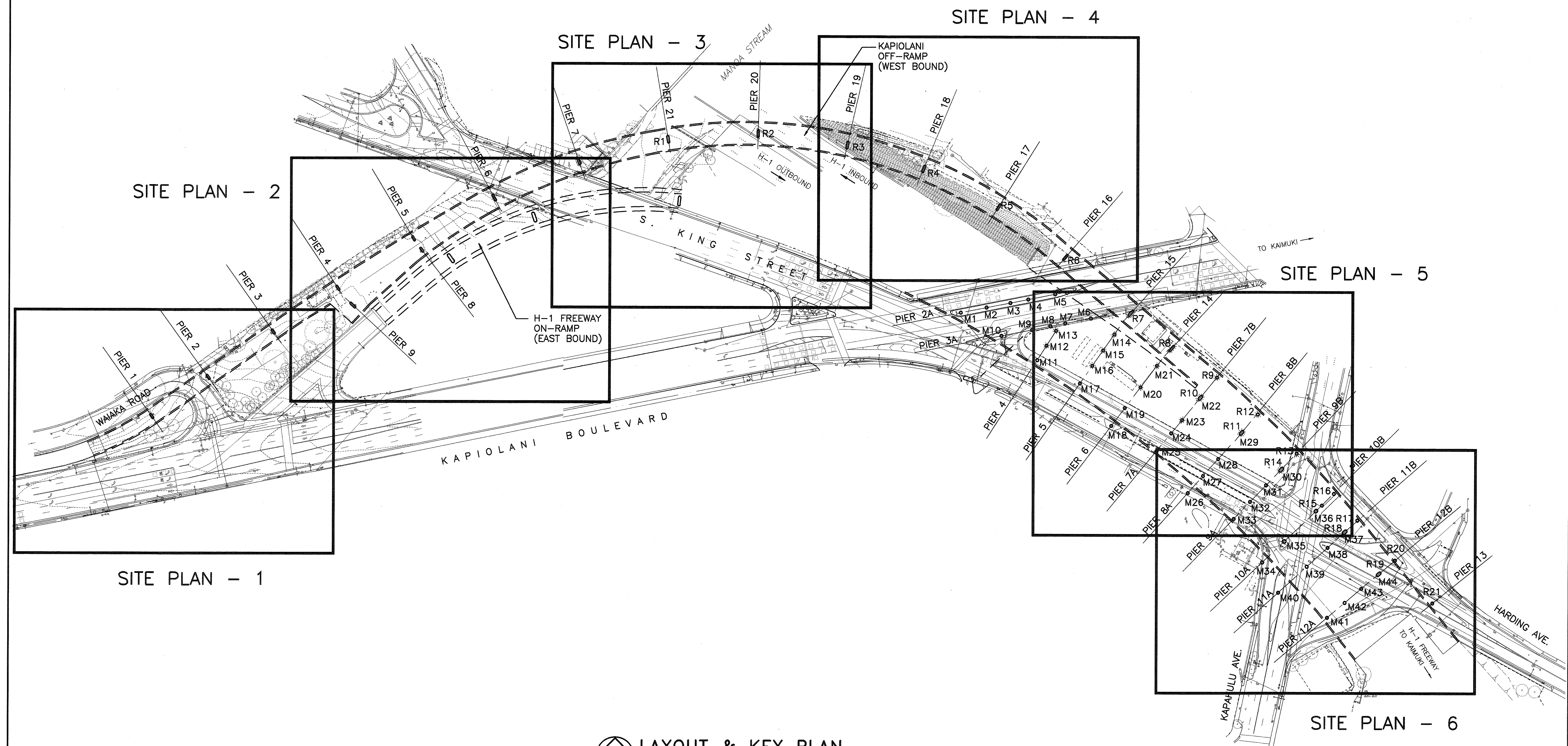


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | BR-H1-1(226)       | 1999        | 7         | 38           |

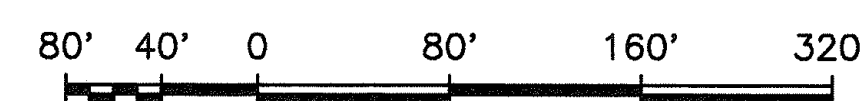


# LAYOUT & KEY PLAN

SCALE: 1"=80'

NORTH

TMK: 2-7-27, 2-7-28, 2-7-29



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

APPROVED:

*[Signature]*  
CHIEF, DIV. OF PLANNING & SERVICE CONTROL, WWM  
(FOR SEWER WORK WITHIN PUBLIC R/W & CITY SEWER EASEMENTS ONLY)  
DATE: 10/17/97



*[Signature]*  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

## EXISTING PIERS' LAYOUT & KEY PLAN

INTERSTATE ROUTE H-1, SEISMIC RETROFIT  
KAPIOLANI INTERCHANGE  
FAIP NO. BR-H1-1(226)

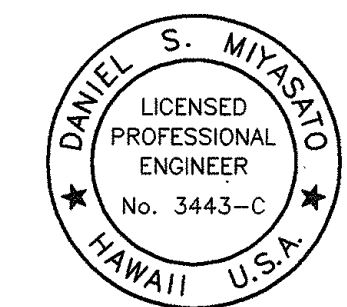
SCALE: 1"=80' DATE: DECEMBER 1998

SHEET NO. C4 OF 11 SHEETS









APPROVED:

| EXISTING PILE CAP |                   |               |
|-------------------|-------------------|---------------|
| PIER              | DIMENSION         | TOP ELEVATION |
| 5                 | 21.0'x21.0'x3.25' | 15.25'        |
| 6                 | 21.0'x27.0'x3.25' | 18.25'        |
| 8                 | 18.0'x21.0'x3.25' | 15.25'        |

FOR NEW PILE CAP DIMENSIONING, SEE SHT. S13.

PIERS 5, 6 & 7

## SPRINKLER SYSTEM & GRASSING NOTES

1. CONTRACTOR SHALL RELOCATE EXISTING SPRINKLER (150 ± LF) TO CLEAR NEW FOUNDATION CONSTRUCTION AND REPLACE SPRINKLER SYSTEM AFTER COMPLETED
2. CONTRACTOR SHALL INSTALL 6" THICK TOP SOIL AND REGRASS TO MATCH EXISTING (2,000 ± S.F.).

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

PIER FOUNDATION  
SITE PLAN-2

INTERSTATE ROUTE H-1, SEISMIC RETROFIT  
KAPIOLANI INTERCHANGE

SCALE: 1"=20'      DATE: DECEMBER 1998  
SHEET NO. C6      OF 11      SHEETS



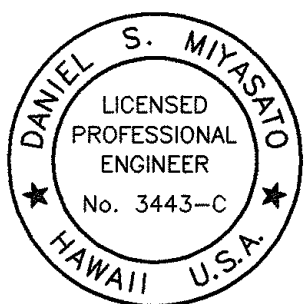
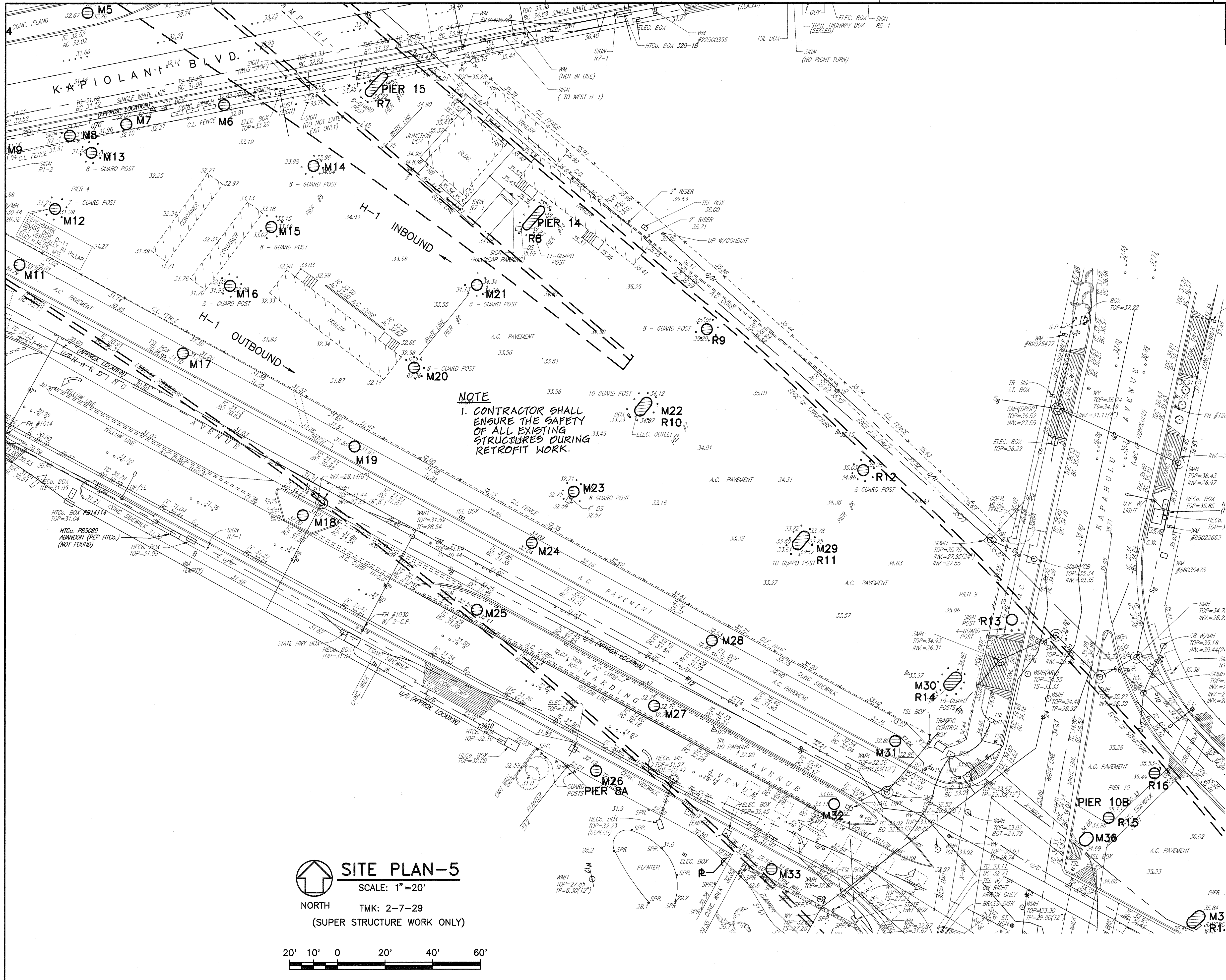








| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | BR-H1-1(226)       | 1999        | 12        | 38           |



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

APPROVED:

10/17/97  
CHIEF, DIV. OF PLANNING & SERVICE CONTROL, WWM  
(FOR SEWER WORK WITHIN PUBLIC R/W & CITY SEWER EASEMENTS ONLY)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

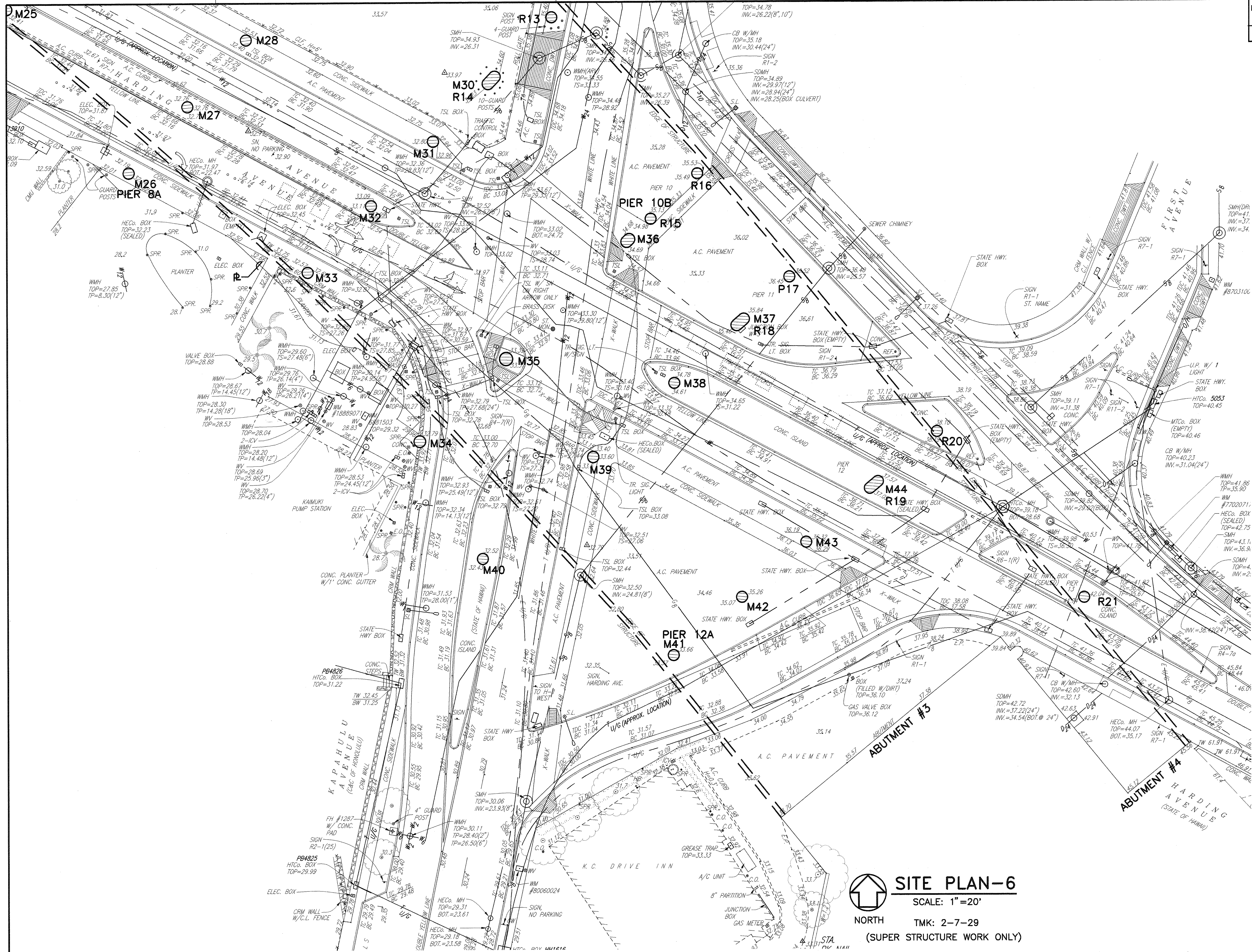
**PIER FOUNDATION  
SITE PLAN-5**

INTERSTATE ROUTE H-1, SEISMIC RETROFIT  
KAPIOLANI INTERCHANGE  
FAIP NO. BR-H1-1(226)

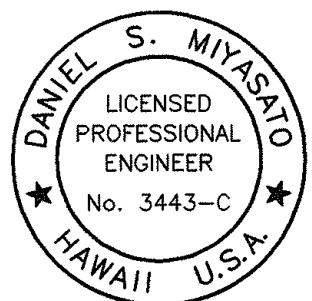
SCALE: 1"=20' DATE: DECEMBER 1998  
SHEET NO. 00 OF 11 SHEETS



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



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | BR-H1-1(226)       | 1999        | 13        | 38           |

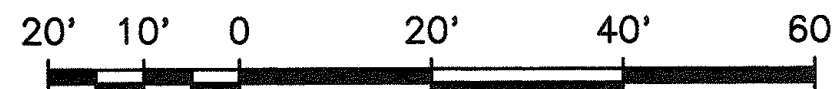


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

APPROVED:

*[Signature]* 10/17/97  
CHIEF, DIV. OF PLANNING & SERVICE CONTROL, WWM DATE  
(FOR SEWER WORK WITHIN PUBLIC R/W & CITY SEWER EASEMENTS ONLY)

 **SITE PLAN-6**  
SCALE: 1"=20'  
NORTH TMK: 2-7-29  
(SUPER STRUCTURE WORK ONLY)



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PIER FOUNDATION  
SITE PLAN-6**

INTERSTATE ROUTE H-1, SEISMIC RETROFIT  
KAPIOLANI INTERCHANGE  
FAIP NO. BR-H1-1(226)

SCALE: 1"=20' DATE: DECEMBER 1998  
SHEET NO. C10 OF 11 SHEETS