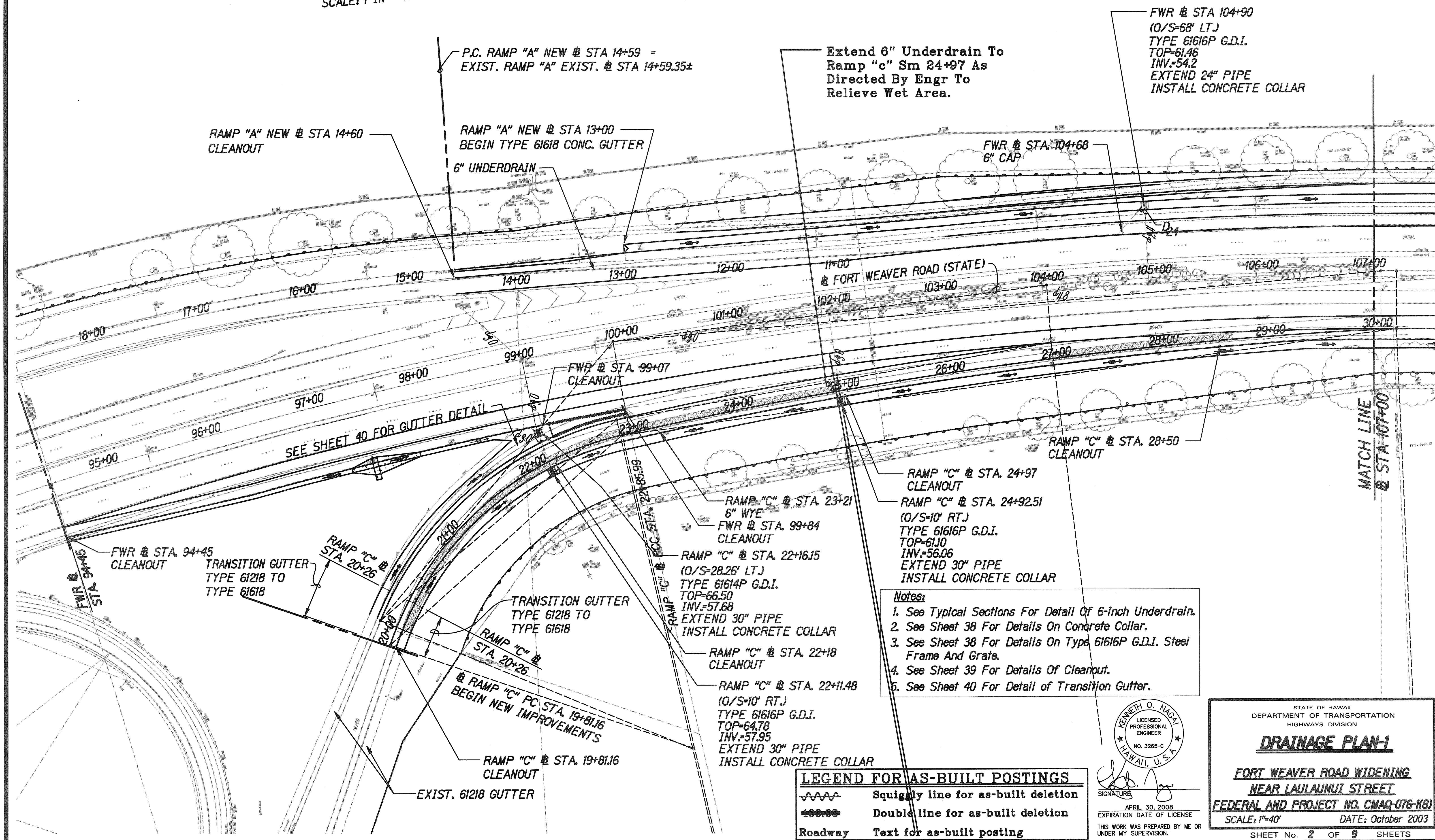


| FED. ROAD DIST. NO. | STATE | PROJ. NO.    | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | CMAQ-076-118 | 2004        | 33        | 127          |

TRUE NORTH  
SCALE: 1 IN = 40 FT

|             |      |
|-------------|------|
| DESIGNED BY | DATE |
| DRAWN BY    |      |
| CHECKED BY  |      |
| IN CHARGE   |      |
| APPROVED BY |      |
| DATE        |      |



- Notes:**
1. See Typical Sections For Detail Of 6-inch Underdrain.
  2. See Sheet 38 For Details On Concrete Collar.
  3. See Sheet 38 For Details On Type 61616P G.D.I. Steel Frame And Grate.
  4. See Sheet 39 For Details Of Cleanout.
  5. See Sheet 40 For Detail Of Transition Gutter.

**LEGEND FOR AS-BUILT POSTINGS**

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

KENNETH O. NAGAI  
LICENSED PROFESSIONAL ENGINEER  
NO. 3285-C  
HAWAII, U.S.A.

SIGNATURE:   
APRIL 30, 2008  
EXPIRATION DATE OF LICENSE  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**DRAINAGE PLAN-1**

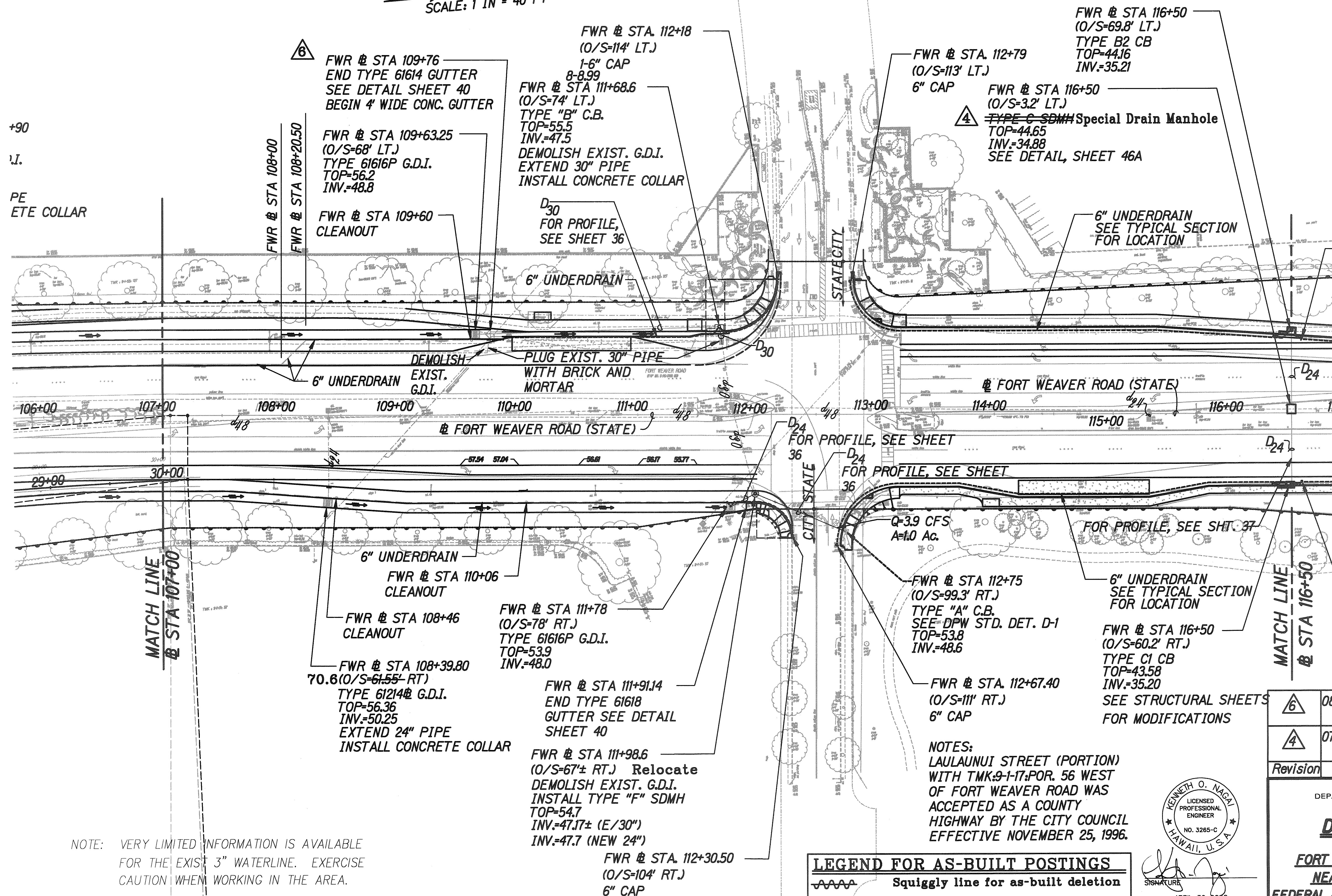
**FORT WEAVER ROAD WIDENING**  
**NEAR LAULAUNUI STREET**  
**FEDERAL AND PROJECT NO. CMAQ-076-118**

SCALE: 1"=40'      DATE: October 2003

SHEET No. 2 OF 9 SHEETS

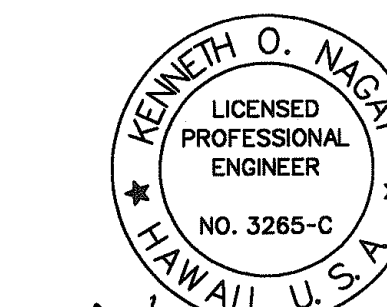
| FED. ROAD DIST. NO. | STATE | PROJ. NO.     | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|---------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | CMAQ-076-1(8) | 2004        | 34        | 127          |

TRUE NORTH  
SCALE: 1 IN = 40 FT



NOTE: VERY LIMITED INFORMATION IS AVAILABLE FOR THE EXIST. 3\"/>

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



SIGNATURE  
APRIL 30, 2008  
EXPIRATION DATE OF LICENSE  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

| Revision | Date     | Description                   |
|----------|----------|-------------------------------|
| 6        | 08/26/04 | Revised G.D.I. Location       |
| 4        | 07/21/04 | Revised Special Drain Manhole |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**DRAINAGE PLAN-2**

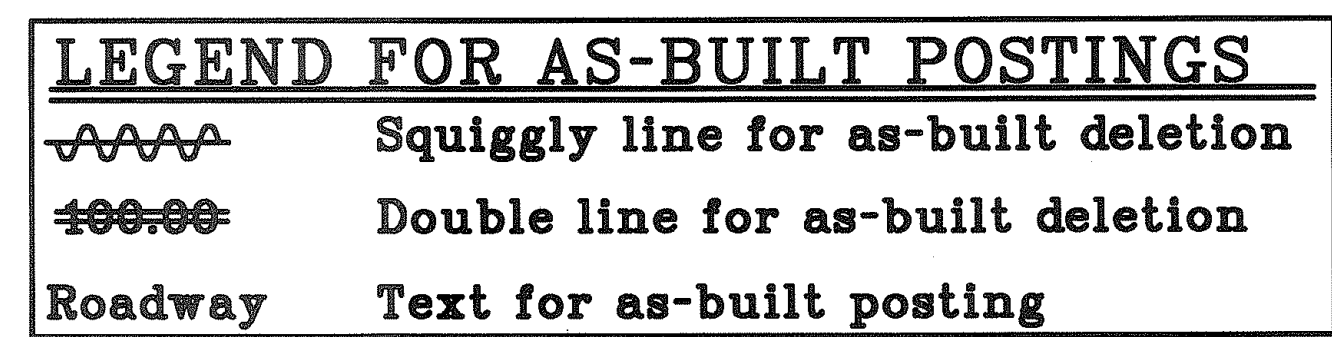
**FORT WEAVER ROAD WIDENING  
NEAR LAULAUNUI STREET**

FEDERAL AND PROJECT NO. CMAQ-076-1(8)

SCALE: 1\"/>

"AS-BUILT"

|                          |                         |            |
|--------------------------|-------------------------|------------|
| ORIGINAL<br>PLAN         | SURVEY PLOTTED BY _____ | DATE _____ |
|                          | DRAWN BY <u>X</u>       | _____      |
|                          | DESIGNED BY _____       | _____      |
| NOTE BOOK                | QUANTITIES BY _____     | _____      |
| CMAQ 076-1(B)            | CHECKED BY _____        | _____      |
| N <sup>o</sup> . 035.dgn |                         |            |



|                                                                                       |             |                                  |
|---------------------------------------------------------------------------------------|-------------|----------------------------------|
|  | 07/21/04    | Revised Special Drain<br>Manhole |
|  | 06/17/04    | Revised Station<br>Offset        |
| <i>Revision</i>                                                                       | <i>Date</i> | <i>Description</i>               |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**DRAINAGE PLAN-3**

**FORT WEAVER ROAD WIDENING**  
**NEAR LAULAUNUI STREET**

**FEDERAL AND PROJECT NO. CMAQ-076-K(8)**

SCALE: 1"=40' DATE: October 2003

SHEET No. **4** OF **9** SHEETS