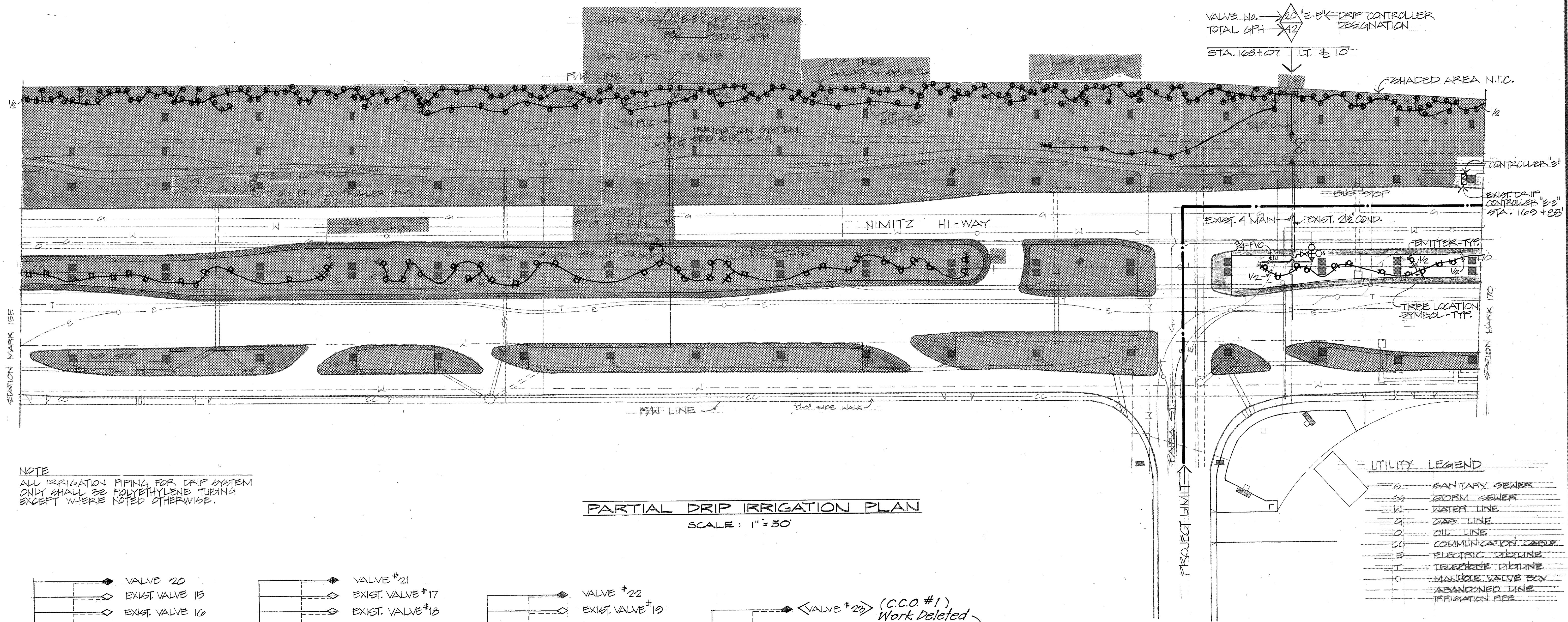


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-IR-HI-1(173):16  | 1982        | 6         | 22           |



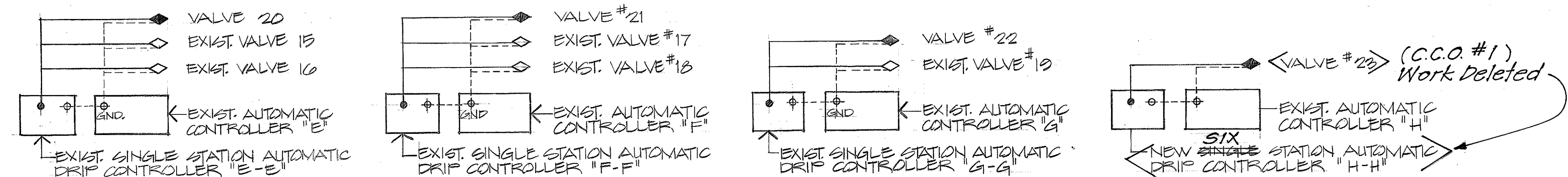
NOTE  
ALL IRRIGATION PIPING FOR DRIP SYSTEM  
ONLY SHALL BE POLYETHYLENE TUBING  
EXCEPT WHERE NOTED OTHERWISE.

### PARTIAL DRIP IRRIGATION PLAN

SCALE: 1" = 50'

UTILITY LEGEND

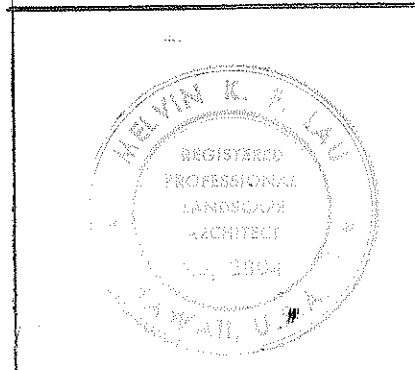
|     |                     |
|-----|---------------------|
| SS  | SANITARY SEWER      |
| SS  | STORM SEWER         |
| W   | WATER LINE          |
| G   | GAS LINE            |
| O   | OIL LINE            |
| CC  | COMMUNICATION CABLE |
| E   | ELECTRIC DRIPLINE   |
| T   | TELEPHONE DRIPLINE  |
| O   | MANHOLE VALVE BOX   |
| --- | ABANDONED LINE      |
| --- | IRRIGATION PIPE     |



### WIRING DIAGRAMS FOR ALL DRIP CONTROLLERS

NO SCALE

| DRIP WATERING SCHEDULE       |                    |                  |               |                    |
|------------------------------|--------------------|------------------|---------------|--------------------|
| DAILY WATERING: START 6 A.M. |                    |                  |               |                    |
| DRIP SYSTEMS                 | TOTAL NO. EMITTERS | PRESSURE SETTING | HOURS PER DAY | TOTAL GAL. PER DAY |
| 20THRU 23                    | 170                | 25 PSI           | 8             | 1,300              |



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
LAND TRANSPORTATION FACILITIES DIVISION

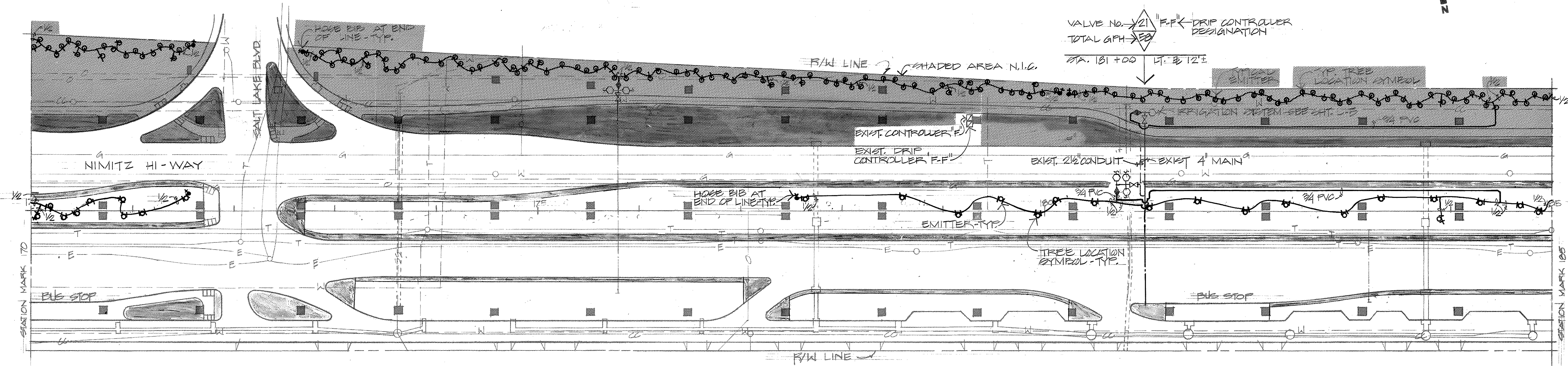
### PARTIAL DRIP IRRIGATION PLAN

AIRPORT INTERCHANGE  
ROADWAY EROSION CONTROL & LANDSCAPING  
F.A.I. PROJ. NO. I-IR-HI-1(173):16  
SCALE AS SHOWN DATE: 2/8/82

SHEET NO. 6 OF 22 SHEETS

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

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-IP-HI-1(173):16  | 1982        | 7         | 22           |



NOTE  
ALL IRRIGATION PIPING FOR DRIP SYSTEM  
ONLY SHALL BE POLYETHYLENE TUBING  
EXCEPT WHERE NOTED OTHERWISE.

PARTIAL DRIP IRRIGATION PLAN  
SCALE: 1" = 50'

UTILITY LEGEND

- S - SANITARY SEWER
- SS - STORM SEWER
- W - WATER LINE
- G - GAS LINE
- O - OIL LINE
- CC - COMMUNICATION CABLE
- E - ELECTRIC DUCTLINE
- T - TELEPHONE DUCTLINE
- - MANHOLE, VALVE BOX
- - - - - ABANDONED LINE
- - - - - IRRIGATION PIPE

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



THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION.  
*Marvin K. F. Lau*  
Signature

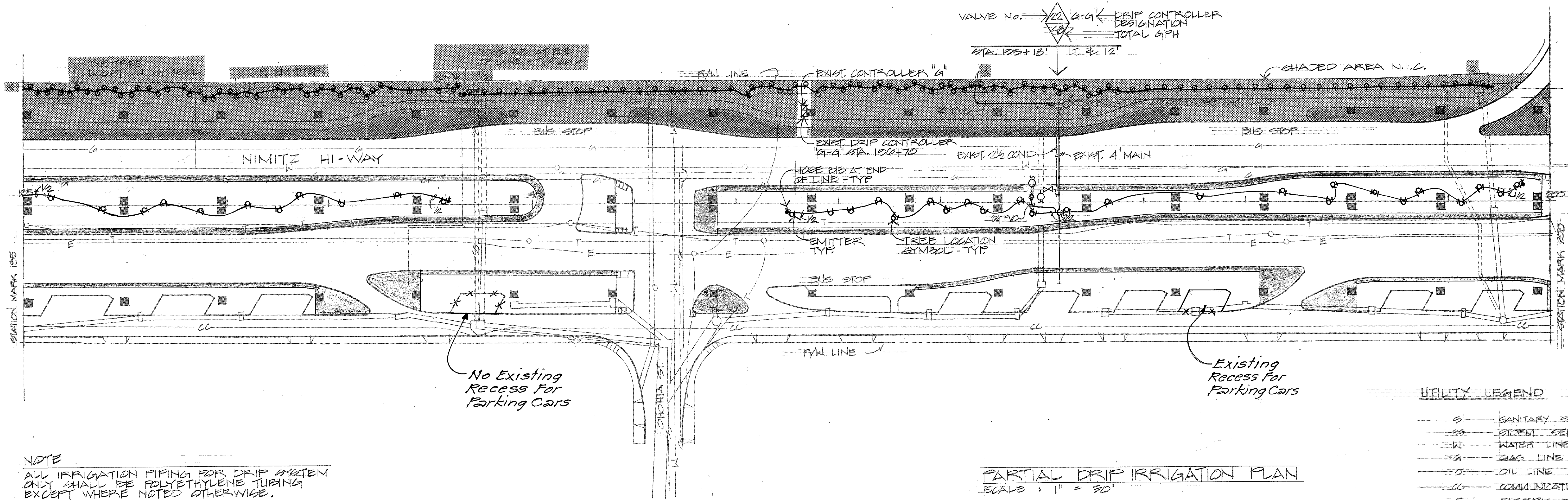
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
LAND TRANSPORTATION FACILITIES DIVISION

**PARTIAL DRIP IRRIGATION PLAN**

AIRPORT INTERCHANGE  
ROADWAY EROSION CONTROL & LANDSCAPING  
F.A.I. PROJ. NO. I-IP-HI-1(173):16  
SCALE AS SHOWN DATE 2/3/83

**SHEET NO. 7 OF 22 SHEETS**

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-IR-HI-1(173):16  | 1982        | 8         | 22           |



| UTILITY LEGEND |                     |
|----------------|---------------------|
| —S—            | SANITARY SEWER      |
| —SS—           | STORM SEWER         |
| —W—            | WATER LINE          |
| —G—            | GAS LINE            |
| —D—            | OIL LINE            |
| —CC—           | COMMUNICATION CABLE |
| —E—            | ELECTRIC DUCTLINE   |
| —T—            | TELEPHONE DUCTLINE  |
| —O—            | MANHOLE, VALVE BOX  |
| ---            | ABANDONED LINE      |
| ---            | IRRIGATION PIPE     |

NOTE  
ALL IRRIGATION PIPING FOR DRIP SYSTEM  
ONLY SHALL BE POLYETHYLENE TUBING  
EXCEPT WHERE NOTED OTHERWISE.

PARTIAL DRIP IRRIGATION PLAN  
SCALE : 1" = 50'

|                  |      |
|------------------|------|
| ORIGINAL<br>PLAN | DATE |
| DESIGNED BY      |      |
| TRACED BY        |      |
| NOTE BOOK        |      |
| QUANTITIES BY    |      |
| CHECKED BY       |      |

THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION.  
*Melvin K. F. Lau*  
Signature

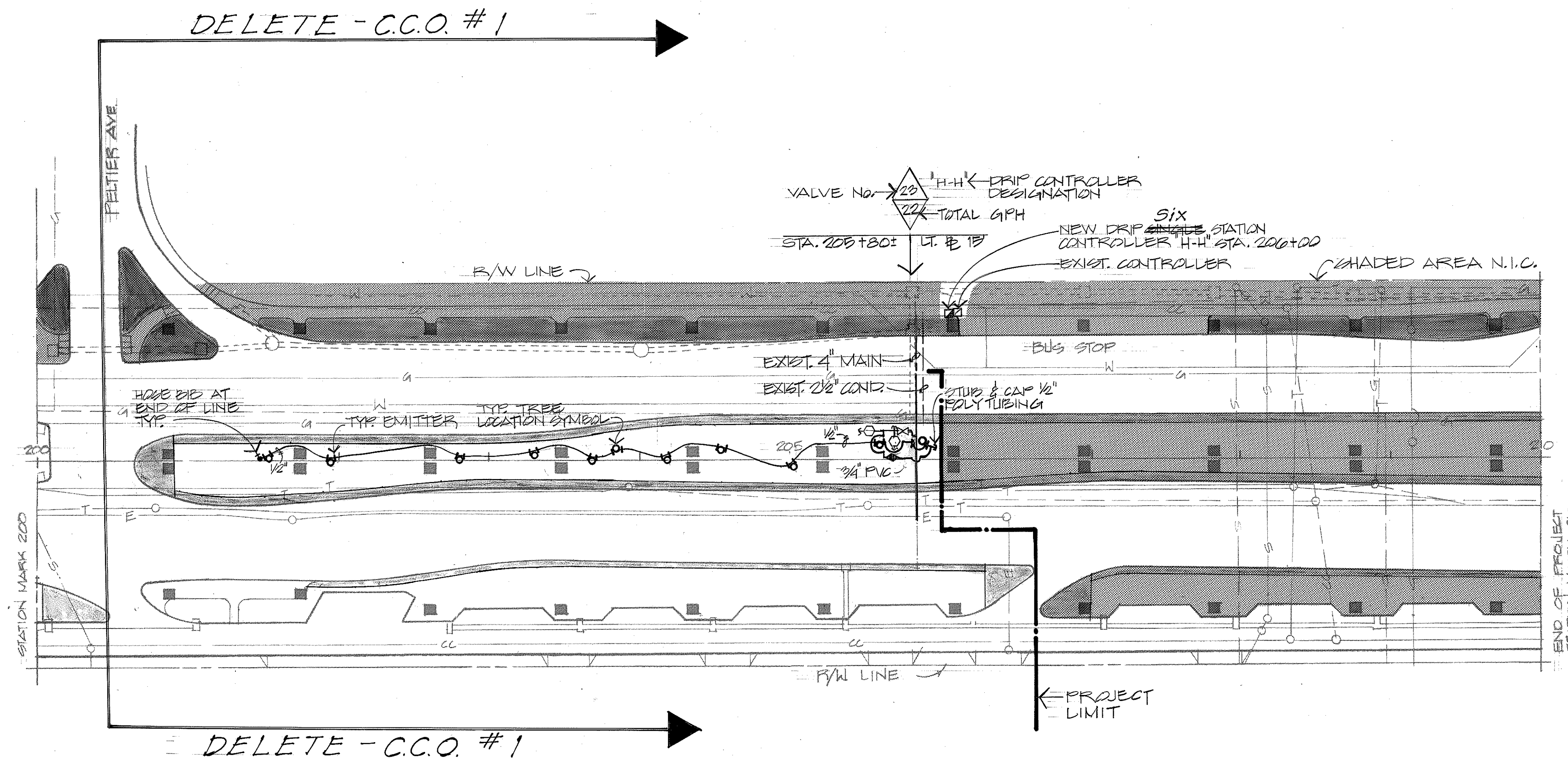
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
LAND TRANSPORTATION FACILITIES DIVISION

**PARTIAL DRIP  
IRRIGATION PLAN**

AIRPORT INTERCHANGE  
ROADWAY EROSION CONTROL & LANDSCAPING  
F.A.I. PROJ. NO. I-IR-HI-1(173):16  
SCALE AS SHOWN DATE: 2/3/83

**SHEET NO. 8 OF 22 SHEETS**

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-IR-HI-1(173)-16  | 1982        | 9         | 22           |



NOTE  
ALL IRRIGATION PIPING FOR DRIP SYSTEM  
ONLY SHALL BE POLYETHYLENE TUBING  
EXCEPT WHERE NOTED OTHERWISE.

PARTIAL DRIP IRRIGATION PLAN  
SCALE: 1" = 50'

#### LEGEND FOR UTILITIES

- S— SANITARY SEWER
- SS— STORM SEWER
- W— WATER LINE
- G— GAS LINE
- O— OIL LINE
- C— COMMUNICATION CABLE (ARMY OR NAVY)
- T— TELEPHONE DUCTLINE
- E— ELECTRIC DUCTLINE
- O— MANHOLE, VALVE BOX
- — — ABANDONED LINE
- — — IRRIGATION PIPE

C.C.O. #1

DELETE ALL WORK OF  
FELTIER AVE.



THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION.  
*h2 11.9 Jan*  
Signature

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
LAND TRANSPORTATION FACILITIES DIVISION

#### PARTIAL DRIP IRRIGATION PLAN

AIRPORT INTERCHANGE  
ROADWAY EROSION CONTROL & LANDSCAPING  
F.A.I. PROJ. NO. I-IR-HI-1(173)-16

SCALE: AS SHOWN DATE: 2/3/83

SHEET NO. 9 OF 22 SHEETS