

NOTES!!

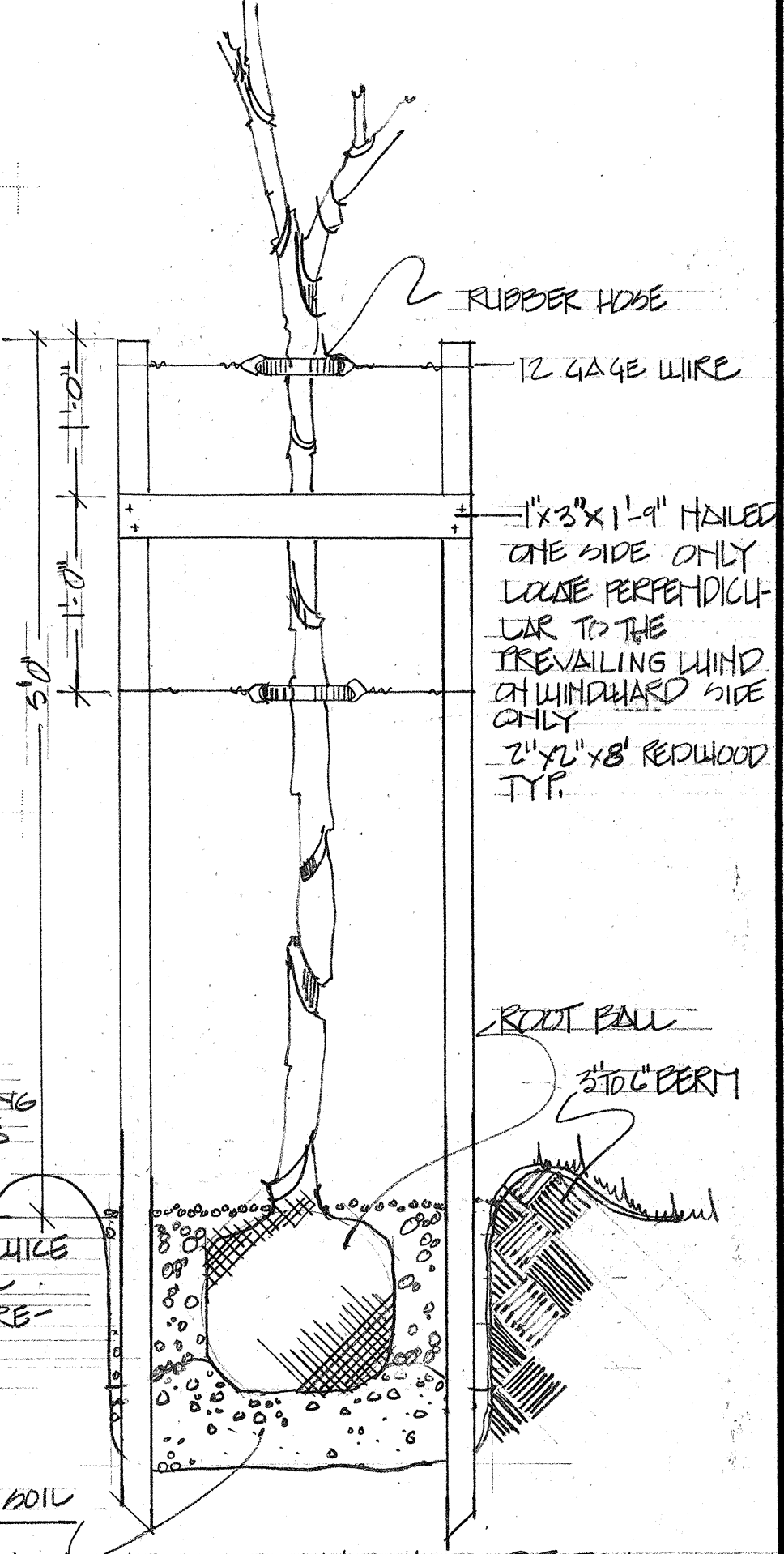
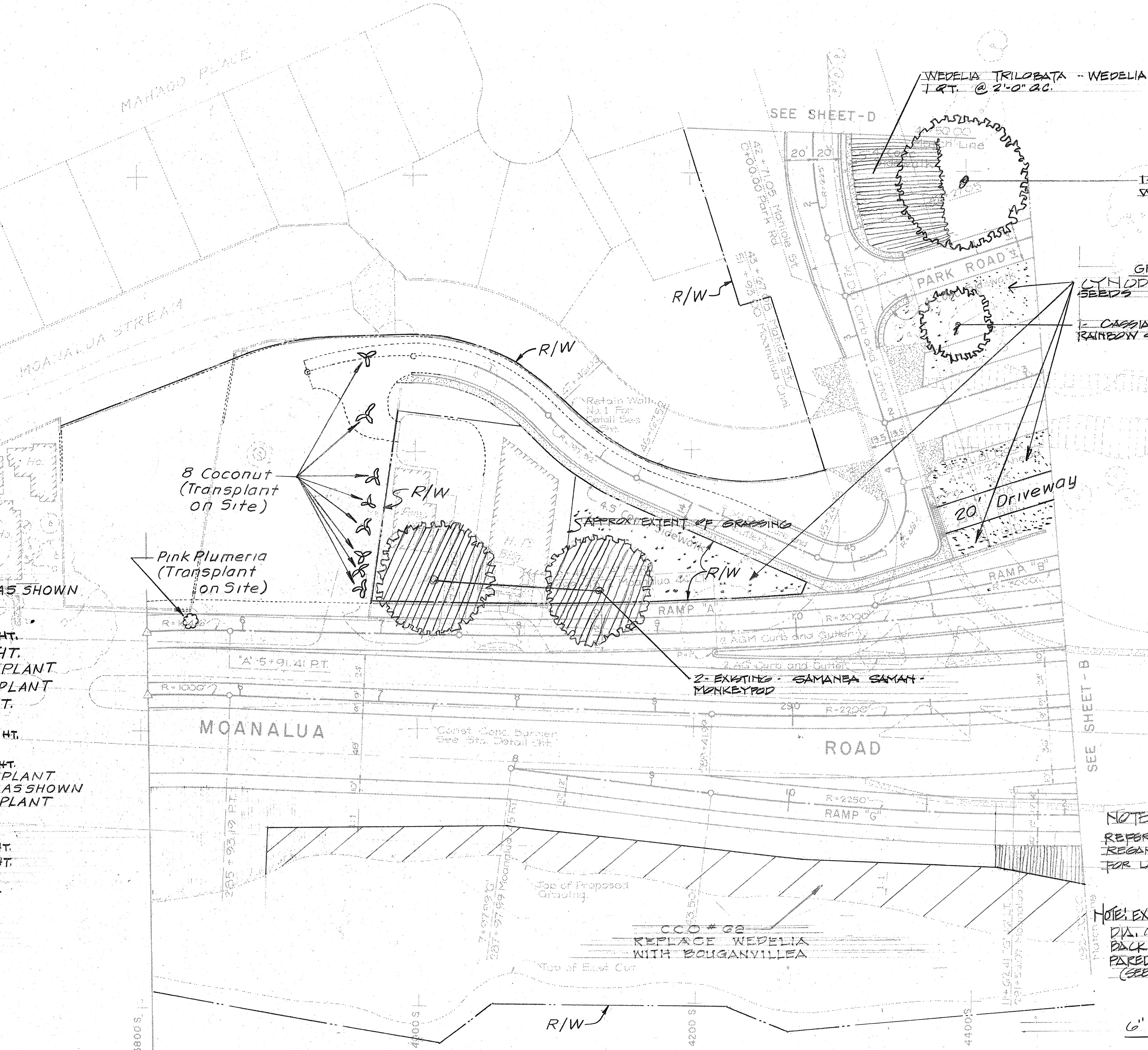
- ALL EXISTING TREES TO REMAIN SHALL BE PROTECTED AS NECESSARY FROM EQUIPMENT AND AUTOMOBILES TO INSURE AGAINST COMPACTION IN AREA OF ROOT SYSTEM. FURTHER - TRUNKS OF TREES SHALL NOT BE USED FOR HANGING OF TEMPORARY UTILITIES OR OTHERWISE MUTILATED.
- ANY HEALTHY SPECIMENS, NOT SPECIFICALLY CALLED OUT ON PLANS WHICH CAN BE SAVED DURING COURSE OF CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN CHARGE.
- REMOVAL OF ALL TREES AS SHOWN ON PLANS SHALL BE INCIDENTAL TO THE VARIOUS LANDSCAPE ITEMS.
- TREE TRIMMING TO BE PROVIDED UNDER C.C.O. #107.

LEGEND

- EXISTING TREES TO REMAIN
- PROPOSED TREES
- GROUND COVER - AS INDICATED ON PLANS
- GRASS - AS INDICATED ON PLANS

| PLANT LIST SUMMARY     |       |                       |                    |                      |
|------------------------|-------|-----------------------|--------------------|----------------------|
| EXIST. TREES TO REMAIN | QUAN. | BOTANIC               | COMMON             | SIZE & COND.         |
| 1                      | 1     | ARTOCARPUS ALTILIS    | BREAD FRUIT TREE   | TRANSPLANT AS SHOWN  |
| 2                      | 3     | CASSIA JAVANICA       | RAINBOW SHOWER     | 30 GAL-10' HT.       |
| 4                      | 5     | PLUMERIA OBUSA        | SINGAPORE PLUMERIA | 15 GAL               |
| 5                      | 9     | EUCALYPTUS CITRIODORA | LEMON SCENTED GUM  | 30 GAL-10-12' HT.    |
| 1                      | 5     | GREVILLEA ROBUSTA     | SILK OAK           | 30 GAL-10-12' HT.    |
| 11                     | 7     | SAManea SAMAN         | MONKEYPOD          | FLD. STK. TRANSPLANT |
| 5                      | 8     | COCONUT               | COCONUT            | FLD. STK. TRANSPLANT |
| 1                      | 1     | FIGUS BENJAMINA       | WEEPING BANYAN     | 30 GAL-10-12' HT.    |
| 1                      | 1     | FIGUS RELIGIOSA       | SACRED BO          | EXISTING             |
| 1                      | 2     | TABEBEHIA DORNIHILLI  | GOLD TREE          | 30 GAL-10-12' HT.    |
| 21                     | 23    | SPATHODEA CAMPANULATA | AFRICAN TULIP      | 30 GAL-10-12' HT.    |
| 1                      | 1     | PLUMERIA OBUSA        | SINGAPORE PLUMERIA | FLD. STK. TRANSPLANT |
| 1                      | 3     | CASSIA JAVANICA       | RAINBOW SHOWER     | TRANSPLANT AS SHOWN  |
| 1                      | 4     | PLUMERIA RUBRA        | PINK PLUMERIA      | FLD. STK. TRANSPLANT |
| SHRUBS                 |       |                       |                    |                      |
| 45                     | 45    | PITTOSPORUM TORIBA    | PITTOSPORUM        | 15 GAL 3' HT.        |
| 25                     | 25    | LIGUSTRUM TEXANUM     | PRIVET             | 15 GAL 8' HT.        |
| 30                     | 30    | GARDENIA TAITENSIS    | TIARE GARDENIA     | 5 GAL-3' HT.         |
| GROUND COVER           |       |                       |                    |                      |
| 55,530 S.Y.            |       | WEDELIA TRILOBATA     | WEDELIA            | 1 QT @ 2' x 2' CL.   |
| 49,160 S.Y.            |       | CYNODON DACTYLON      | COMMON BERMUDA     | SEED                 |

| PLANT LIST THIS SHEET  |       |                   |                |                    |
|------------------------|-------|-------------------|----------------|--------------------|
| EXIST. TREES TO REMAIN | QUAN. | BOTANIC           | COMMON         | SIZE & COND.       |
| 1                      | 1     | CASSIA JAVANICA   | RAINBOW SHOWER | 30 GAL-10' HT.     |
| 1                      | 1     | FIGUS BENJAMINA   | WEEPING BANYAN | 30 GAL-10-12' HT.  |
| 2                      | 2     | SAManea SAMAN     | MONKEYPOD      | EXISTING           |
| 4,550 S.Y.             |       | WEDELIA TRILOBATA | WEDELIA        | 1 QT @ 2' x 2' CL. |
| 2,000 S.Y.             |       | CYNODON DACTYLON  | COMMON BERMUDA | SEED               |



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

LANDSCAPING PLAN  
SHEET A

F.A. Proj. No. F-078-1(10)

Scale: 1"=50'      Date: JAN 1971

SHEET No. 1 OF 5 SHEETS

A. JAMES WALL - LANDSCAPE ARCHITECT



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | F-078-1(10)        | 1971        | 135       | 418          |

See Special Provisions (Subsection 107.1G) for protection of this tree during construction of utilities.

END PERMANENT CONST. RAMP "C" STA. 19+45.00

END TEMPORARY CONN. @ STA. 315+00

END PERMANENT CONST. MOANALUA ROAD @ RAMP "J" @ STA. 311+00

### PLANT LIST THIS SHEET

| QUAN.      | BOTANIC NAME               | COMMON NAME             | SIZE                           |
|------------|----------------------------|-------------------------|--------------------------------|
| 1          | COCONUT NUCIFERA           | EXISTING COCONUT        | TO REMAIN                      |
| 1          | FIGUS BENJAMINA            | WEEPING BANYAN-EXISTING | "                              |
| 1          | FIGUS RELIGIOSA            | SACRED BO-EXISTING      | "                              |
| 1          | SAMANEA SAMAN              | MONKEY POD-EXISTING     | "                              |
| 4          | PLUMERIA RUBRA             | PINK PLUMERIA           | FLD. STK. TRANSPLANT TO REMAIN |
| 1          | TABERBERIA DONNELL SMITHII | COLD TREE-EXISTING      | TRANSPLANT AS SHOWN            |
| 1          | ARTOCARPUS ALTILIS         | BREADFRUIT TREE         | "                              |
| 5,900 S.Y. | CYNODON DACTYLON           | BERMUDA GRASS           | SEEDS                          |
| 6,090 S.Y. | WEDELIA TRILOBATA          | WEDELIA                 | 1 QT. @ 2'-0" O.C.             |

C.C.O. #20  
 (X) TREE TO BE TRANSPLANTED  
 (X) RELOCATED  
 (X) LOCATION OF TRANSPLANTED TREE

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

## LANDSCAPING PLAN SHEET C

F.A. Proj. No. F-078-1(10)

Scale: 1" = 50'

Date: JAN 1971

SHEET No. 3 OF 5 SHEETS

A. JAMES WALL - LANDSCAPE ARCHITECT

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | F-078-1(10)        | 1971        | 136       | 418          |

END PERMANENT CONST.  
PUULOA ROAD  
B STA. 70+01.15

END TEMPORARY CONN.  
B STA. 74+58.63

PLANT LIST THIS SHEET

| BOTANIC NAME                | COMMON NAME       | SIZE & COMP.        |
|-----------------------------|-------------------|---------------------|
| 6 EUCALYPTUS CITRIODORA     | LEMON SCENTED GUM | 30 GAL              |
| 3 GREVILLEA ROBUSTA         | SILK OAK          | 30 GAL - 10-12' HT. |
| 5 SAMANED SAMAN             | MONKEYPOD         | 10' TRANSPLANT      |
| 3 Cassia Javanica           | Rainbow Shower    | Transplant          |
| 9590 S.Y. WEDELIA TRILOBATA | WEDELIA           | 1 QT @ 1'-0" OC     |
| 9450 S.Y. CYTHODON DACTYLON | BERMUDA GRASS     | SEEDS               |
| 10 PITTOSPORUM TODIRA       | PITTOSPORUM       | 5 GAL               |
| 10 GARDENIA TANTENSIS       | TIDRE GARDENIA    | 5 GAL               |

GROUND COVER (TYP)  
WEDELIA TRILOBATA -  
WEDELIA - 1 QT. @ 2'-0" OC

Existing Shower  
Trees to Remain

Transplant 3 Shower  
Trees to  
locations on school grounds  
specified by the Engineer.\*

BEG. OF MAHIOLE ST.  
STA. 33+81.81 P.C.

\*This work to be coordinated with  
Mr. Paul Lee of the State of  
Hawaii Department of Education.

HOANALUA INTERMEDIATE SCHOOL

5 SAMANED SAMAN - MONKEYPOD  
10' TRANSPLANT FROM ON SITE

3 GREVILLEA ROBUSTA -  
SILK OAK - 10-12' HT.

4- Saman Monkey Pod  
(Transplant on Site)

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

LANDSCAPING PLAN  
SHEET D

F.A. Proj. No. F-078-1(10)

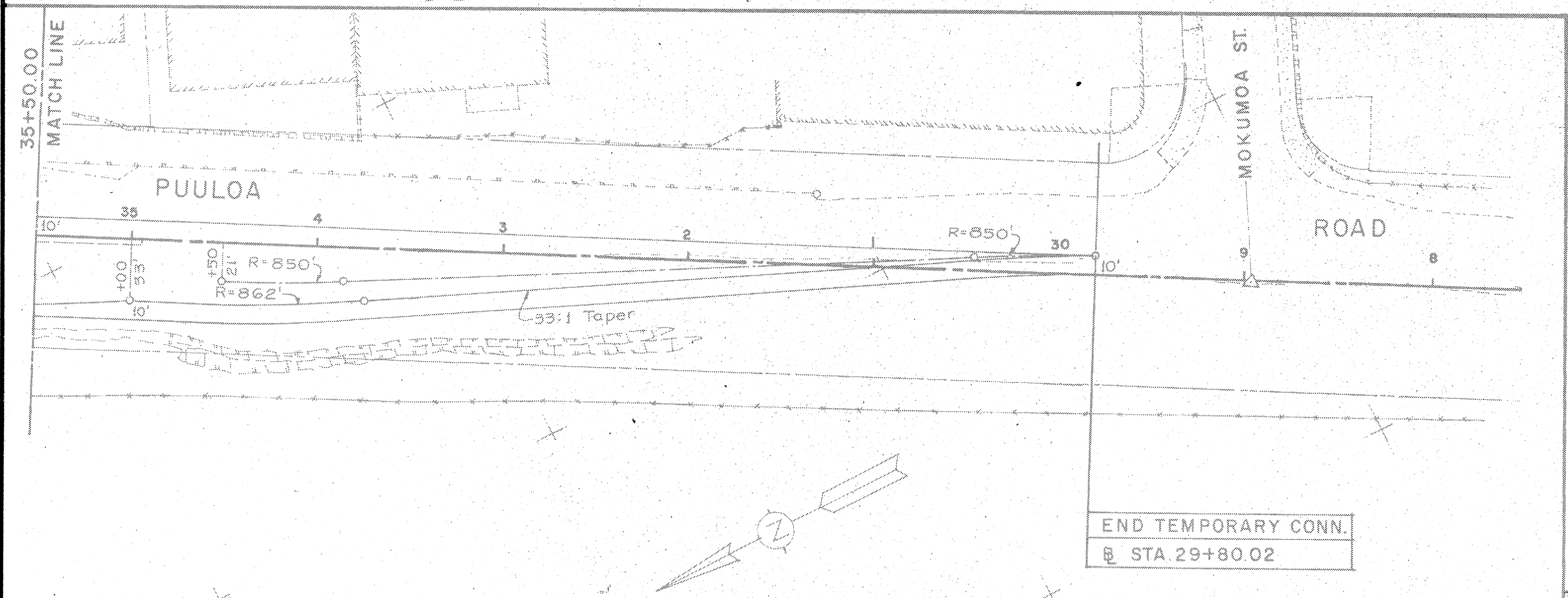
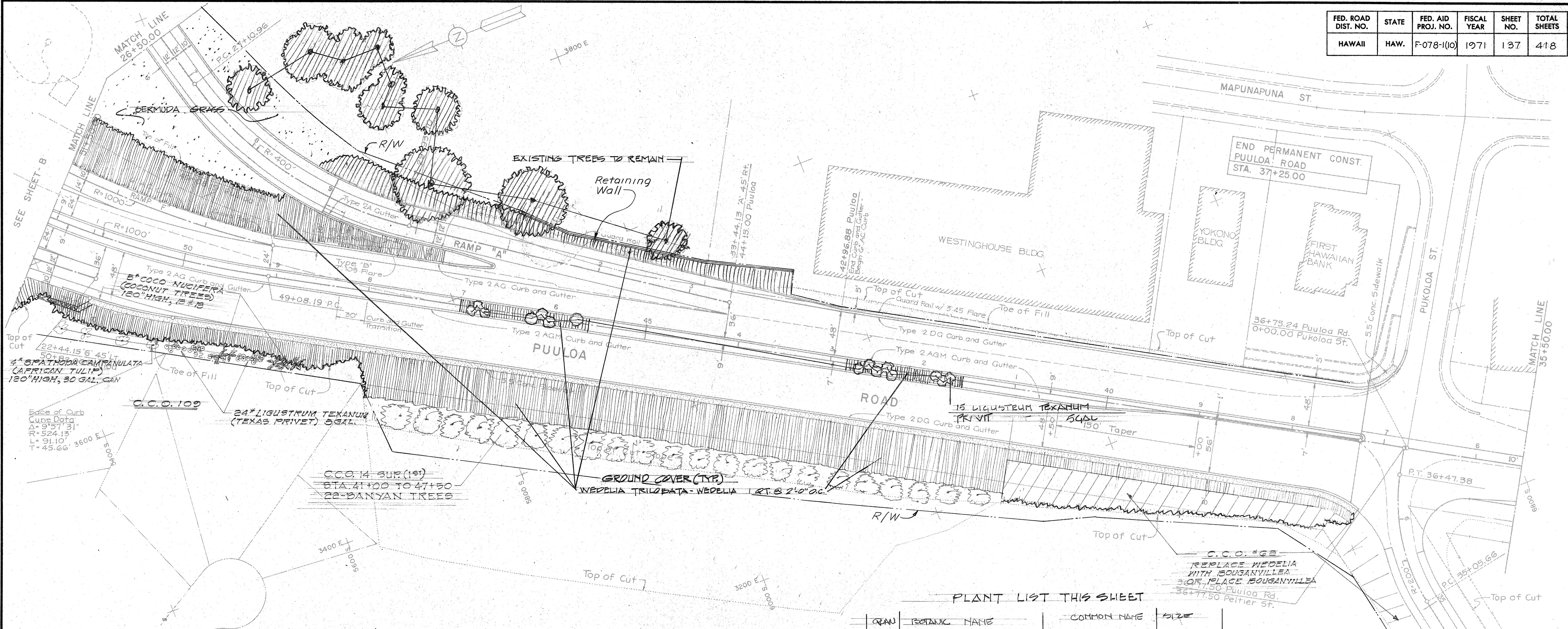
Scale: 1" = 50'

Date: JAN 1971

A. JAMES WALL - LANDSCAPE ARCHITECT

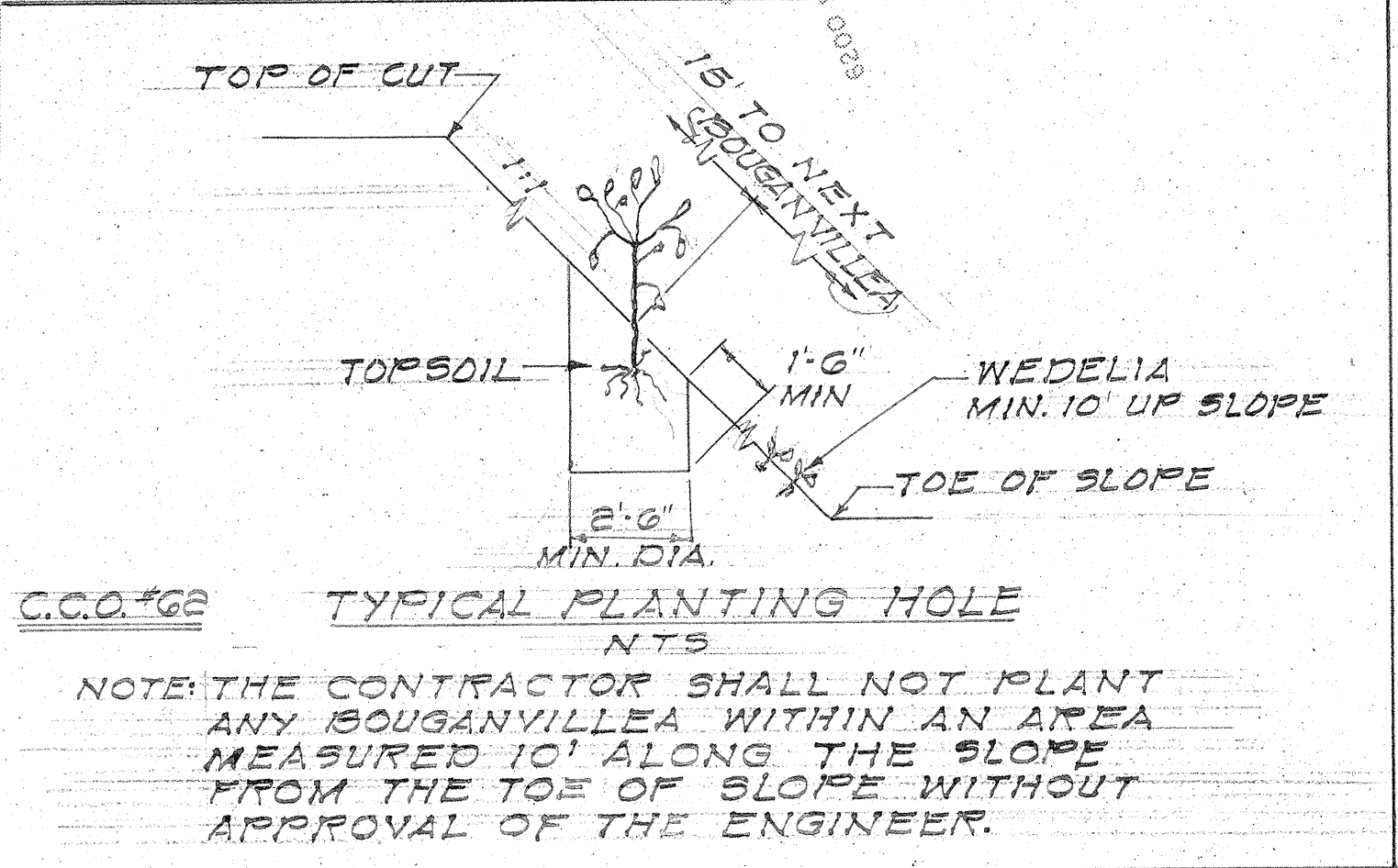
SHEET No. 4 OF 5 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | F-078-1(10)        | 1971        | 137       | 418          |



PLANT LIST THIS SHEET

| QTY    | BOTANIC NAME      | COMMON NAME   | SIZE            |
|--------|-------------------|---------------|-----------------|
| 75     | LIGUSTRUM TEXANUM | PRIVET        | 5'40L           |
| 14,500 | WEDELIA TRILOBATA | WEDELIA       | 1QT @ 2'-0" DIA |
| 3,335  | CYNODON DACTYLON  | BERMUDA GRASS | SEEDS           |



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

LANDSCAPING PLAN  
SHEET E  
F.A. Proj. No. F-078-1(10)  
Scale: 1" = 50'  
Date: JAN 1971

A. JAMES WALL - LANDSCAPE ARCHITECT