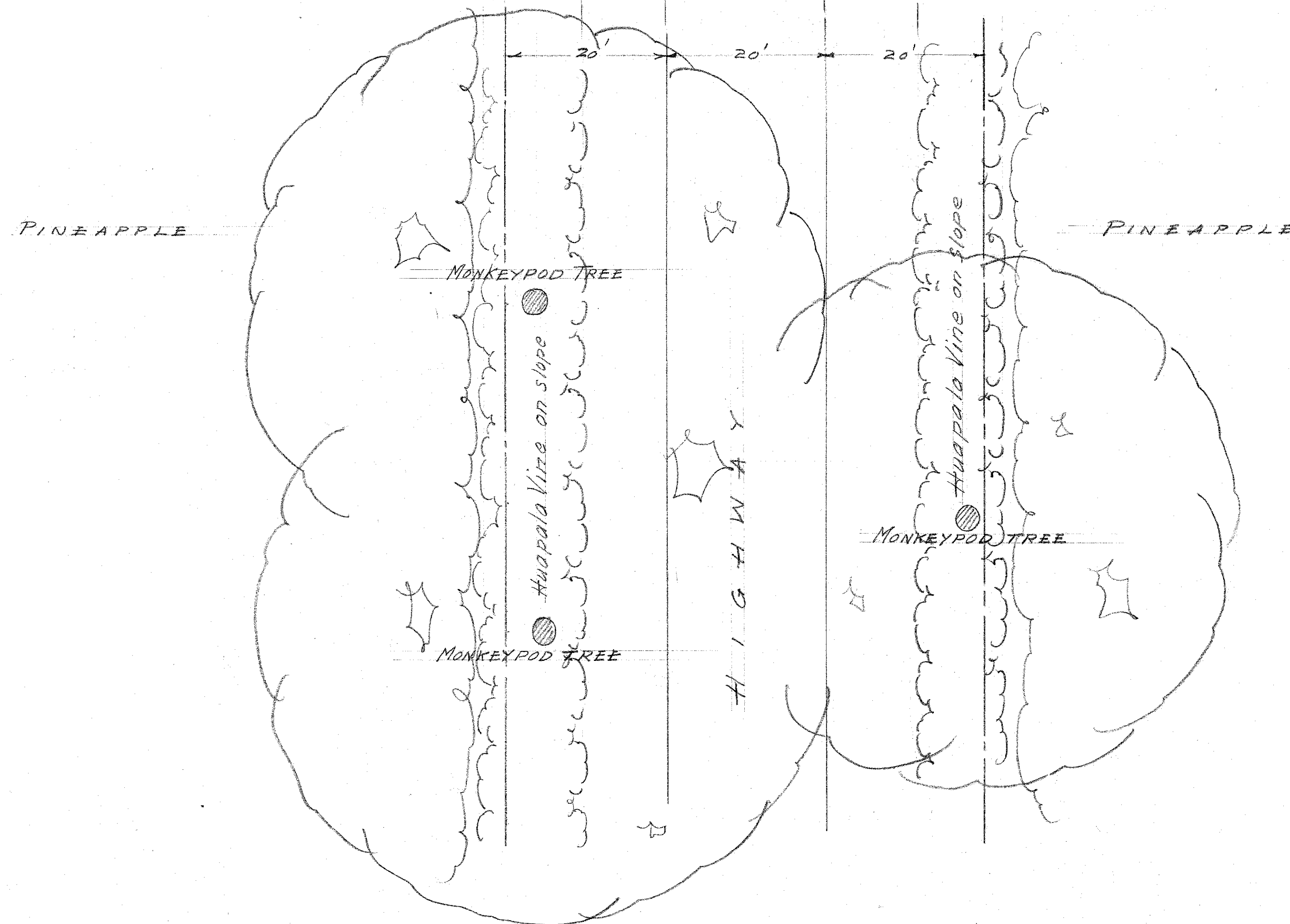


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
|                     |       |                    |             |           |              |



TYPICAL CROSS SECTION AT STA 144



LANDSCAPE PLAN OF  
FEDERAL AID PROJECT  
No. F.A.P. 21-B

SCALE 1"=100'

R.C. TONGG • LANDSCAPE ARCHITECT  
HONOLULU • HAWAII  
OCT. 20, 1938

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_

TERR. HIGHWAY ENGINEER

TERRITORIAL HIGHWAY DEPARTMENT  
TERRITORY OF HAWAII

PROJ. No. F.A.P. 21-B

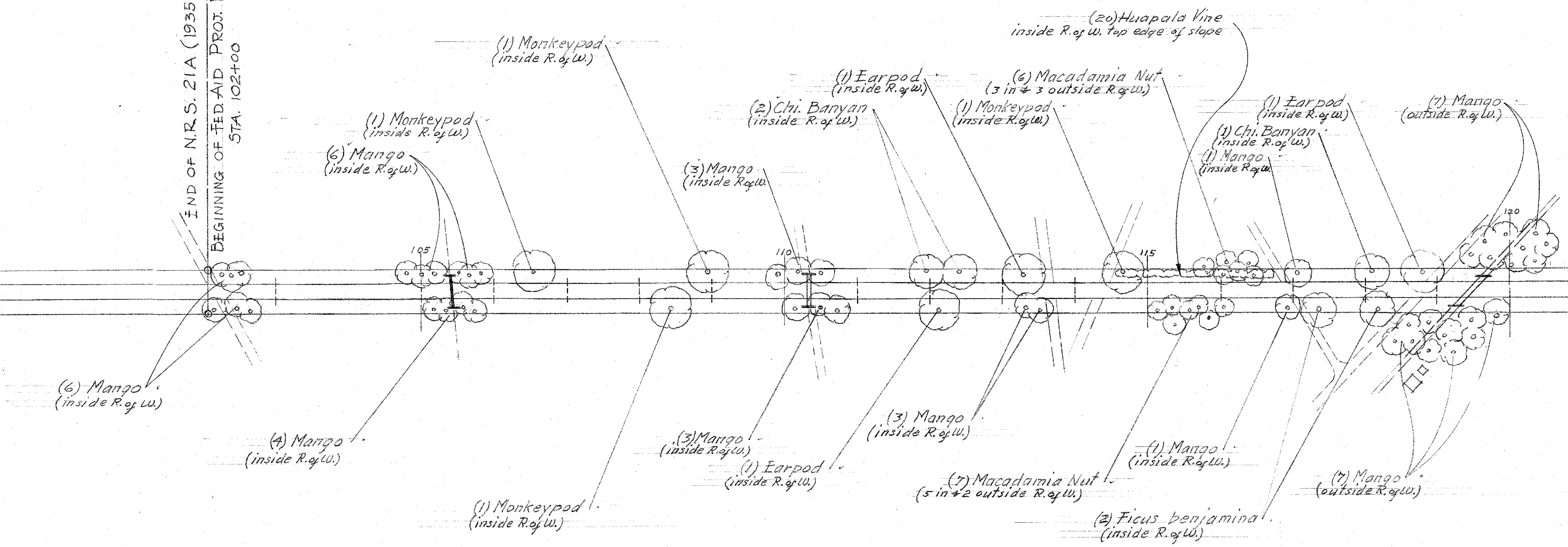
|               |                       |      |
|---------------|-----------------------|------|
| ORIGINAL PLAN | DESIGNED BY           | DATE |
| NOTE BOOK     | DRAWN BY              |      |
| No.           | CHECKED BY            |      |
|               | QUANTITIES CHECKED BY |      |
|     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



Scale: 1" = 100'

P I N E A P P L E S

END OF N.R.S. 21A (1935)  
BEGINNING OF FED. AID PROJ. NO. 21B  
STA. 102+00



P I N E A P P L E S

### PLANT LIST

| TREES                                  |                 |                  |        |  |
|----------------------------------------|-----------------|------------------|--------|--|
|                                        | Inside R. of W. | Outside R. of W. | Totals |  |
| 302 Mango                              | 226             | 76               |        |  |
| 58 Chi. Banyan (Ficus retusa)          | 56              | 2                |        |  |
| 83 Ficus benjamina                     | 73              | 10               |        |  |
| 122 Monkeypod (samanea saman)          | 97              | 25               |        |  |
| 33 Earpod (Enterolobium cyclocarpum)   | 28              | 4                |        |  |
| 35 Macadamia ternifolia                | 30              | 5                |        |  |
| 2 African Tulip (Spatodea campanulata) |                 | 2                | 635    |  |
| SHRUBS                                 |                 |                  |        |  |
| 207 Thevetia nereifolia (Be still)     | 123             | 84               |        |  |
| 168 Cassia glauca                      | 136             | 32               |        |  |
| 330 Tecomaria capensis                 | 330             |                  | 705    |  |
| Vines                                  |                 |                  |        |  |
| 1365 Huapala (Bignania venusta)        | 1365            |                  |        |  |
| 695 Passion Vine (Passiflora edulis)   | 695             |                  | 2060   |  |

TERRITORIAL HIGHWAY DEPARTMENT  
TERRITORY OF HAWAII

Proj. No. F.A.P. 21-B SHEET No. 1

SHEET No. OF SHEETS

ORIGINAL PLAN  
DESIGNED BY  
DRAWN BY  
NOTE BOOK  
QUANTITIES CHECKED BY  
No.

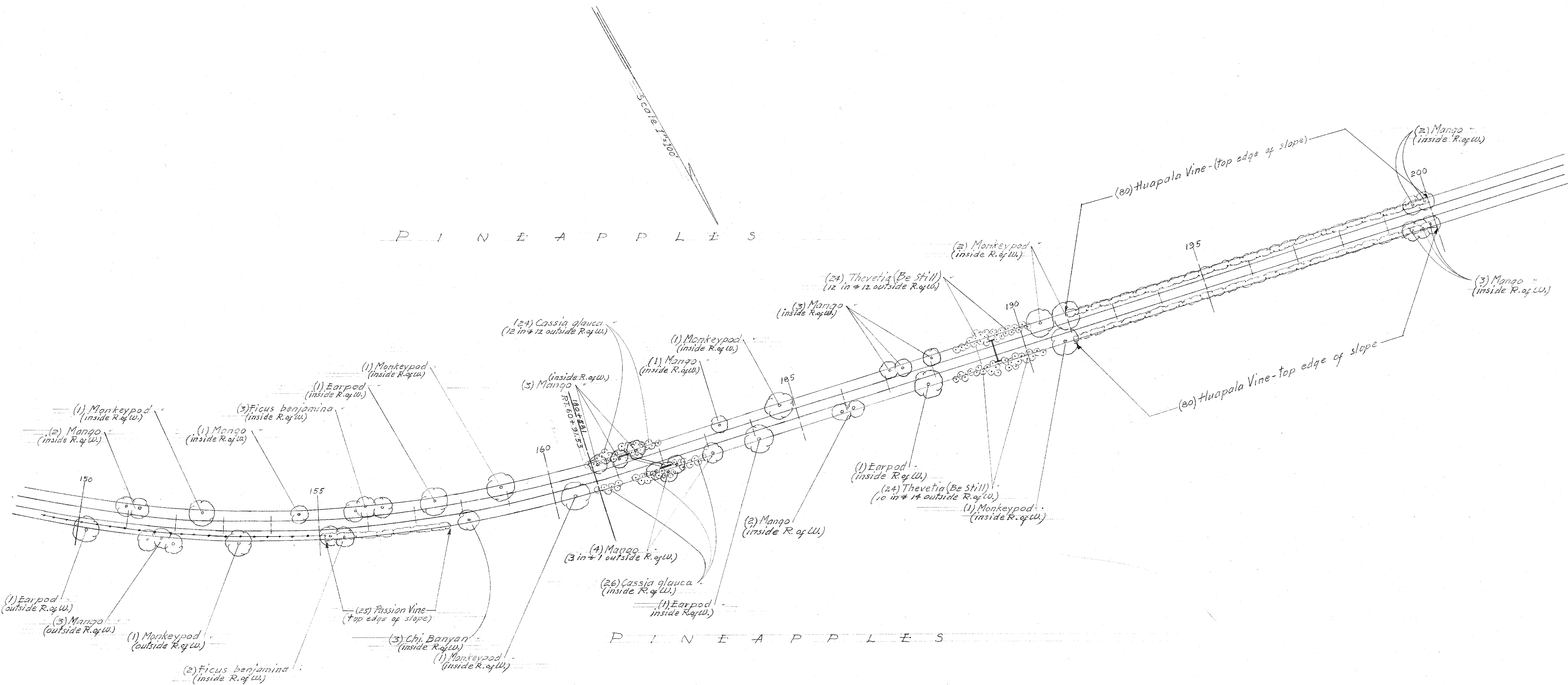
DATE







| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
|                     |       |                    |             |           |              |



|                       |      |
|-----------------------|------|
| ORIGINAL PLAN         | DATE |
| DRAWN BY              |      |
| TRACED BY             |      |
| QUANTITIES CHECKED BY |      |
| CHECKED BY            |      |

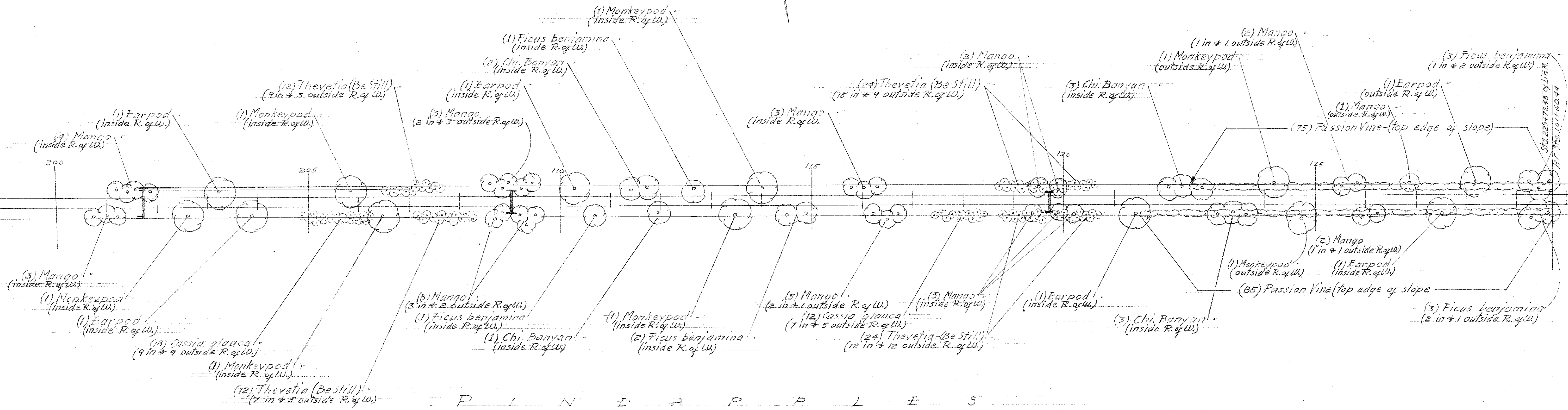
|                                |             |
|--------------------------------|-------------|
| TERRITORIAL HIGHWAY DEPARTMENT |             |
| TERRITORY OF HAWAII            |             |
| PROJ. F.A.P.-21-B              | SHEET No. 3 |
| SHEET No. OF SHEETS            |             |



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
|                     |       |                    |             |           |              |

P I N I A P P L E S

Scale 1" = 100'



P I N I A P P L E S

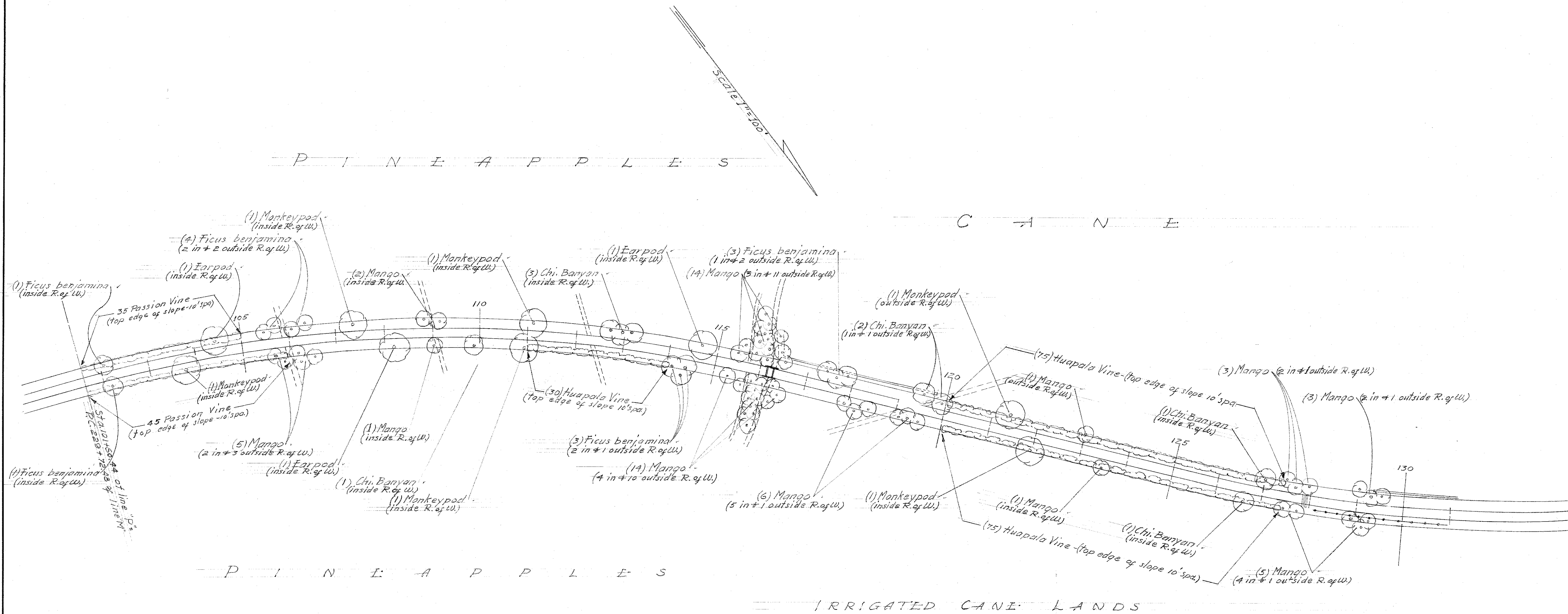
|                                   |                   |      |
|-----------------------------------|-------------------|------|
| ORIGINAL PLAN<br>NOTE BOOK<br>No. | SURVEY PLOTTED BY | DATE |
|                                   | TRACED BY         |      |
|                                   | CHECKED BY        |      |
|                                   | CHECKED BY        |      |

Stationing ?

|                                                       |             |
|-------------------------------------------------------|-------------|
| TERRITORIAL HIGHWAY DEPARTMENT<br>TERRITORY OF HAWAII |             |
| PROJ. F.A.P.-21-B                                     | SHEET No. 4 |
| SHEET No. OF SHEETS                                   |             |



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
|                     |       |                    |             |           |              |



|                       |      |
|-----------------------|------|
| ORIGINAL PLAN         | DATE |
| DESIGNED BY           |      |
| DRAWN BY              |      |
| CHECKED BY            |      |
| QUANTITIES CHECKED BY |      |
| CHECKED BY            |      |

TERRITORIAL HIGHWAY DEPARTMENT  
TERRITORY OF HAWAII  
  

PROJ. F.A.P.-21-B

SHEET No. 5



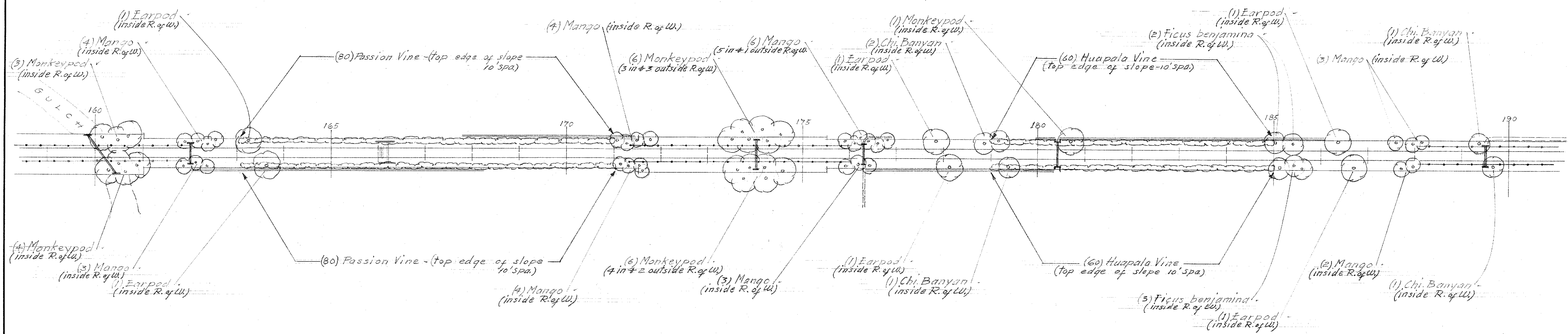




| FED. ROAD<br>DIST. NO. | STATE | FED. AID<br>PROJ. NO. | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
|                        |       |                       |                |              |                 |

scale 1" = 100'

1 R R ! G A T E D C A N E L A N D S



1. R. R. I. G. A. T. E. D. C. A. N. E. L. A. N. D. S.

|           |                            |           |
|-----------|----------------------------|-----------|
| ORIGINAL  | SURVEY PLOTTED BY.....     | DATE..... |
| PLAN      | DESIGNED BY.....           | 44        |
|           | DRAWN BY.....              | 44        |
| NOTE BOOK | TRACED BY.....             | 44        |
|           | QUANTITIES BY.....         | 44        |
|           | QUANTITIES CHECKED BY..... | 44        |
| No.       | CHECKED BY.....            | 44        |

**TERRITORIAL HIGHWAY DEPARTMENT**  
**TERRITORY OF HAWAII**

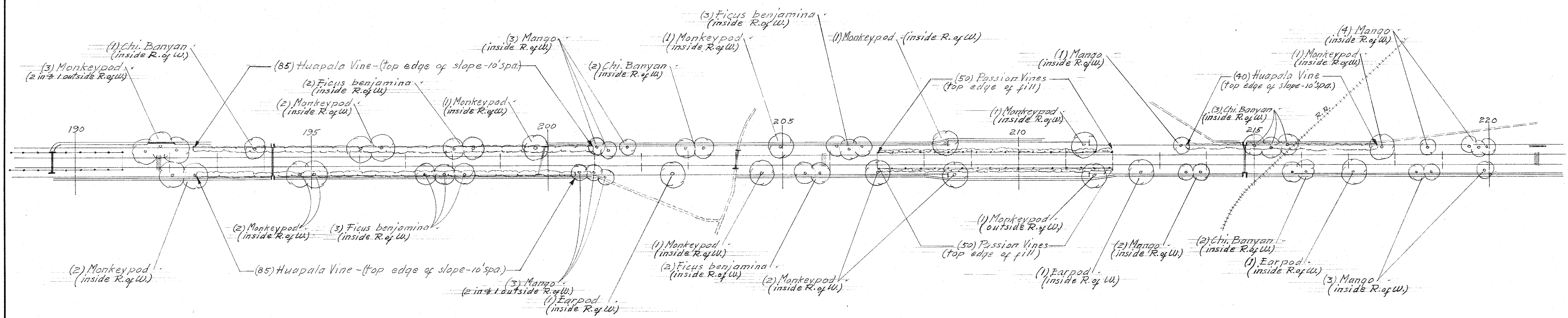
|                   |             |
|-------------------|-------------|
| PROJ. F.A.P.-21-B | SHEET No. 7 |
|-------------------|-------------|



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
|                     |       |                    |             |           |              |

Scale 1" = 100'

I R R I G A T E D C A N E L A N D S



I R R I G A T E D C A N E L A N D S

|               |      |
|---------------|------|
| ORIGINAL PLAN | DATE |
| DESIGNED BY   |      |
| DRAWN BY      |      |
| TRACED BY     |      |
| NOTED BY      |      |
| CHECKED BY    |      |
| NO.           |      |

TERRITORIAL HIGHWAY DEPARTMENT  
TERRITORY OF HAWAII

PROJ. F.A.P-21-B SHEET No. 8

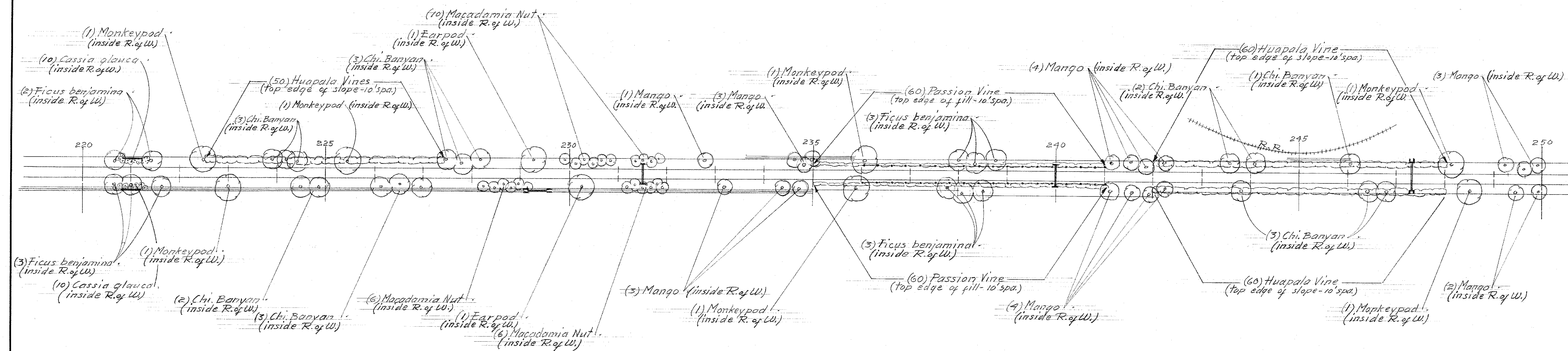
SHEET No OF SHEETS



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
|                     |       |                    |             |           |              |

Scale 1"=100'

# I R R I G A T E D C A N E L A N D S



## I R R I G A T E D C A N E L A N D S

|               |      |
|---------------|------|
| ORIGINAL PLAN | DATE |
| DESIGNED BY   |      |
| TRACED BY     |      |
| QUANTITIES BY |      |
| CHECKED BY    |      |
| NO.           |      |

TERRITORIAL HIGHWAY DEPARTMENT  
TERRITORY OF HAWAII

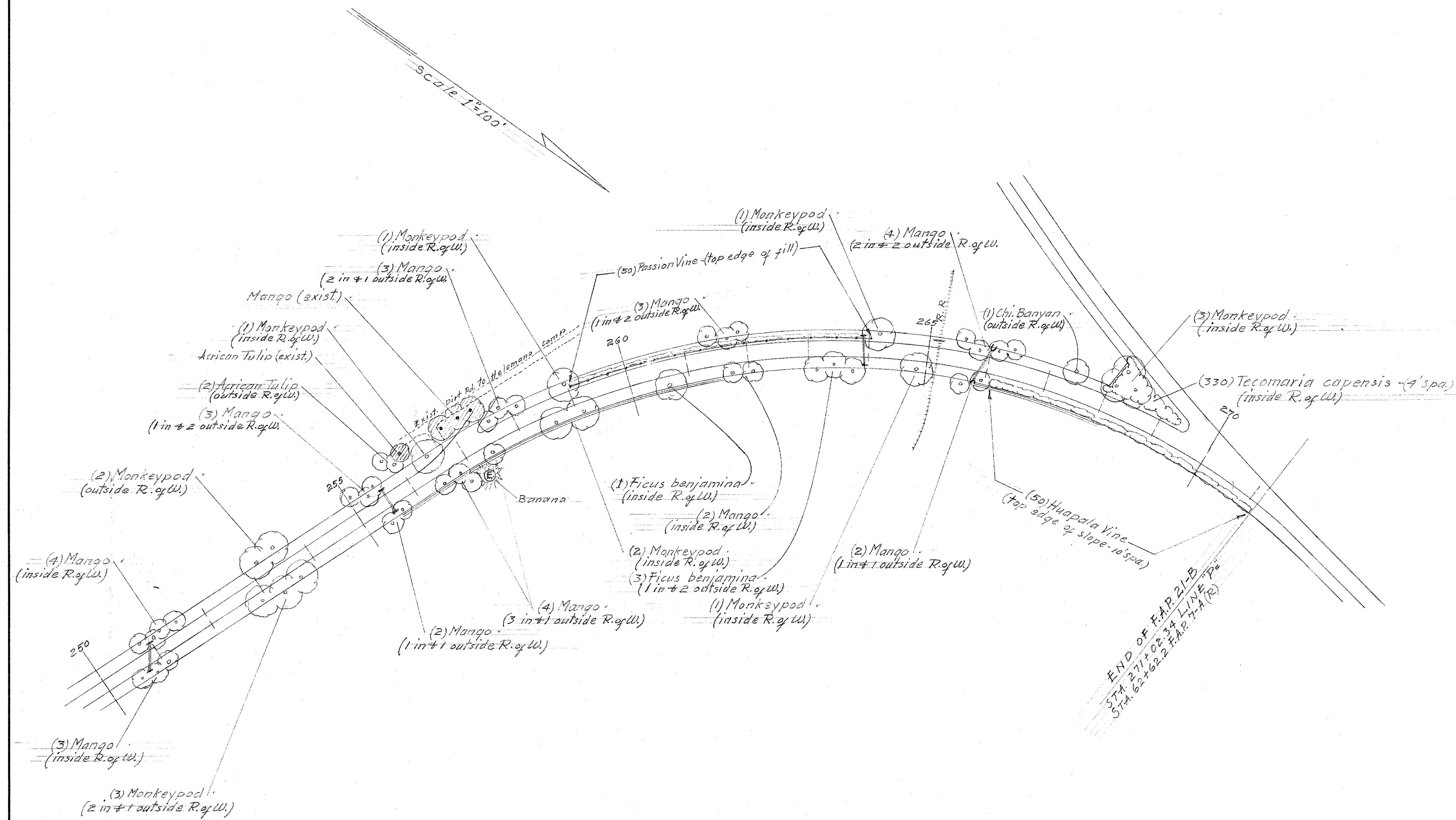
PROJ. FAP-21-B

SHEET No. 9

SHEET No. OF SHEETS



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
|                     |       |                    |             |           |              |



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