

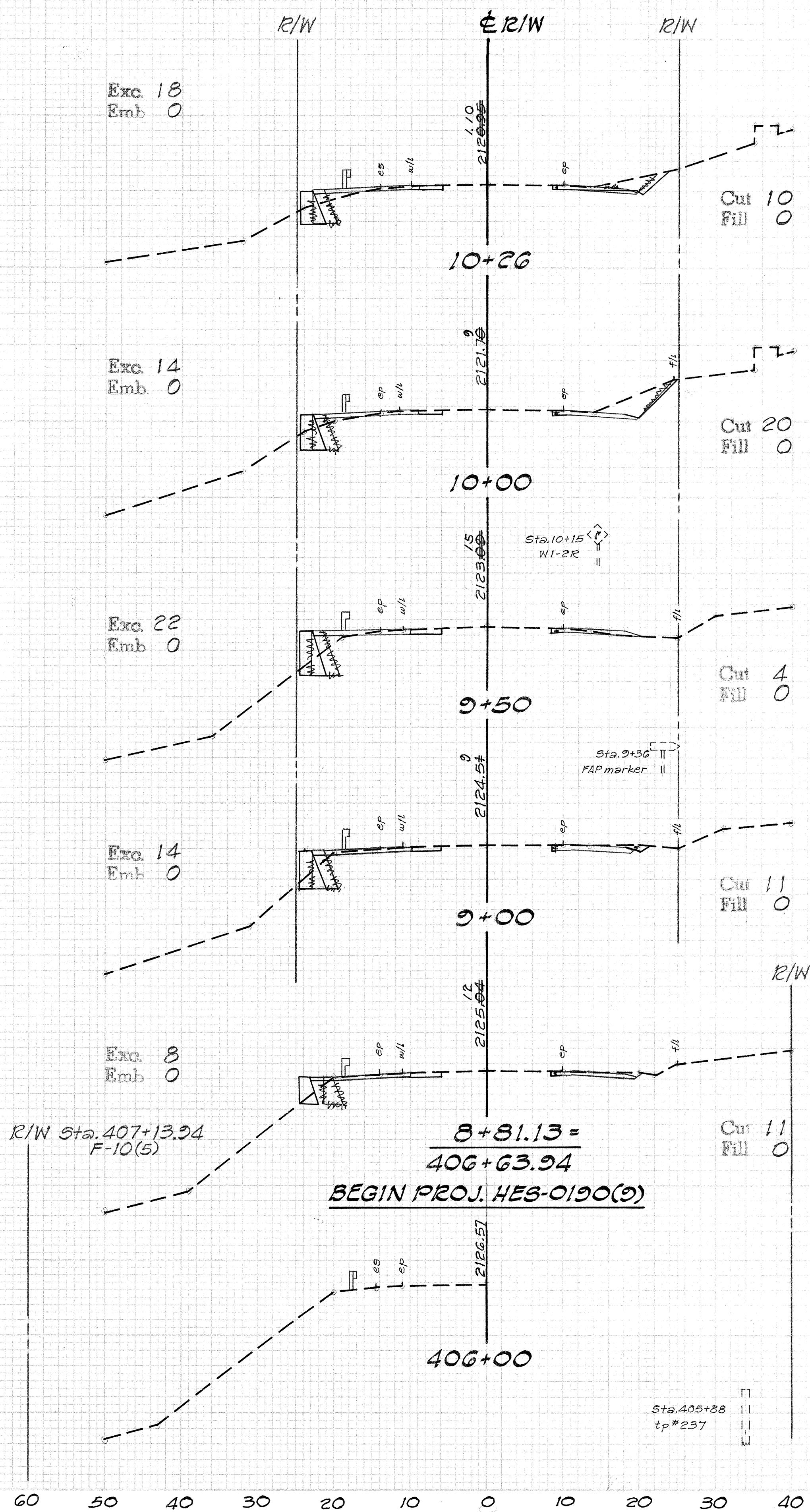
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| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HE-0120(9)         | 1990        | 15        | 24           |

|      |    |              |         |      |               |
|------|----|--------------|---------|------|---------------|
| DATE | BY | FINAL SURVEY | PLOTTED | DATE | AREAS CHECKED |
|      |    |              |         |      |               |
| NO.  |    | NOTE BOOK    |         |      |               |

|         |    |                 |         |      |               |
|---------|----|-----------------|---------|------|---------------|
| DATE    | BY | ORIGINAL SURVEY | PLOTTED | DATE | AREAS CHECKED |
| July 23 |    |                 |         |      |               |
| NO.     |    | NOTE BOOK       |         |      |               |



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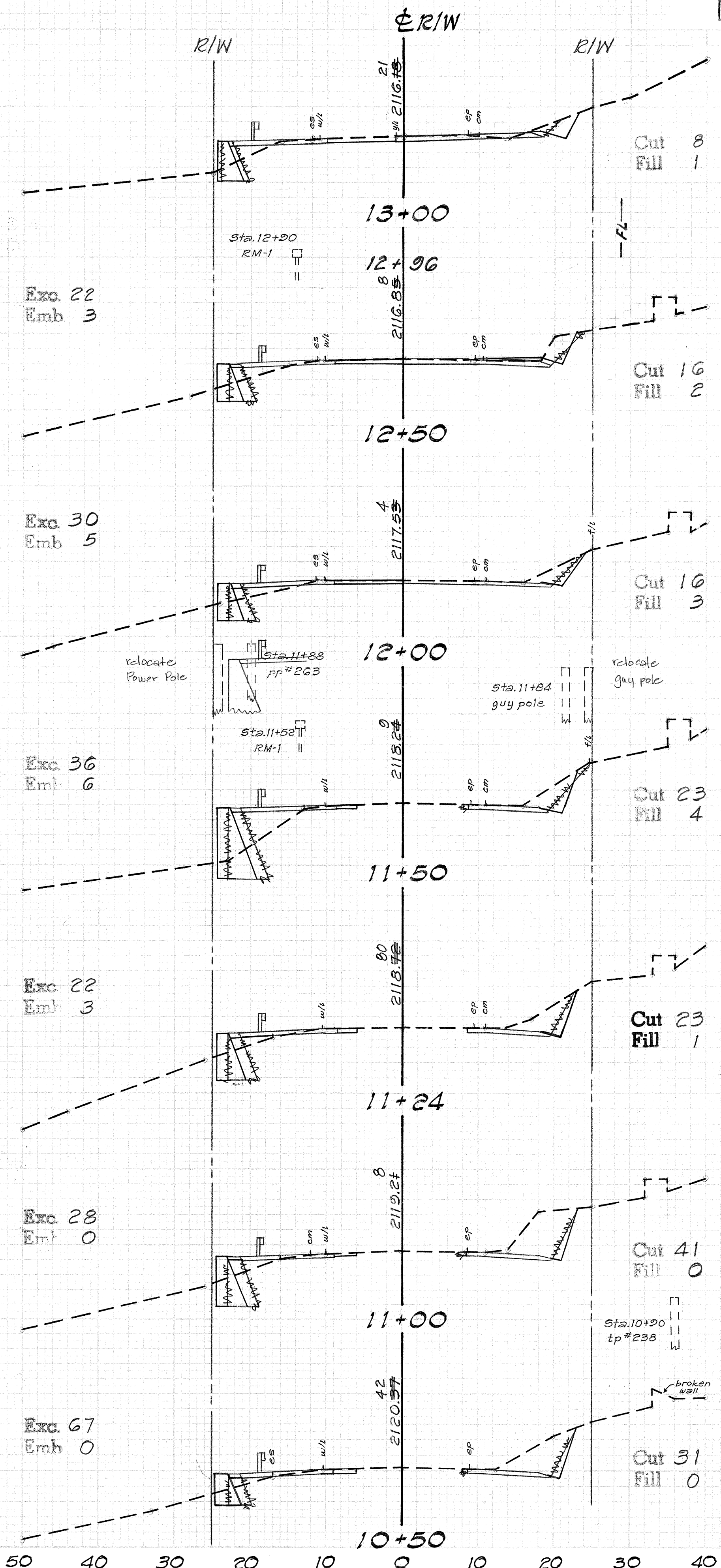
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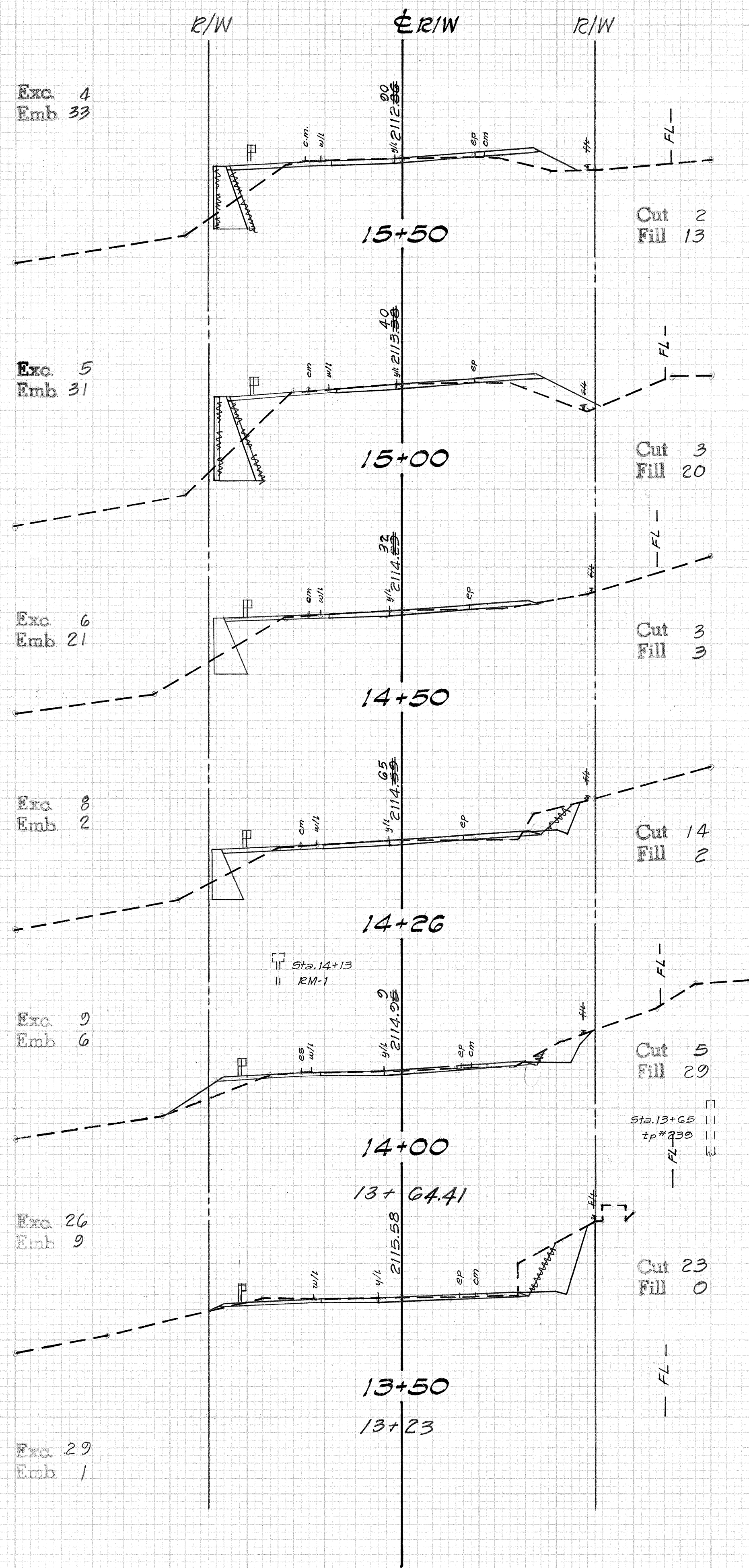
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| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HE-0190(3)         | 1990        | 16        | 24           |



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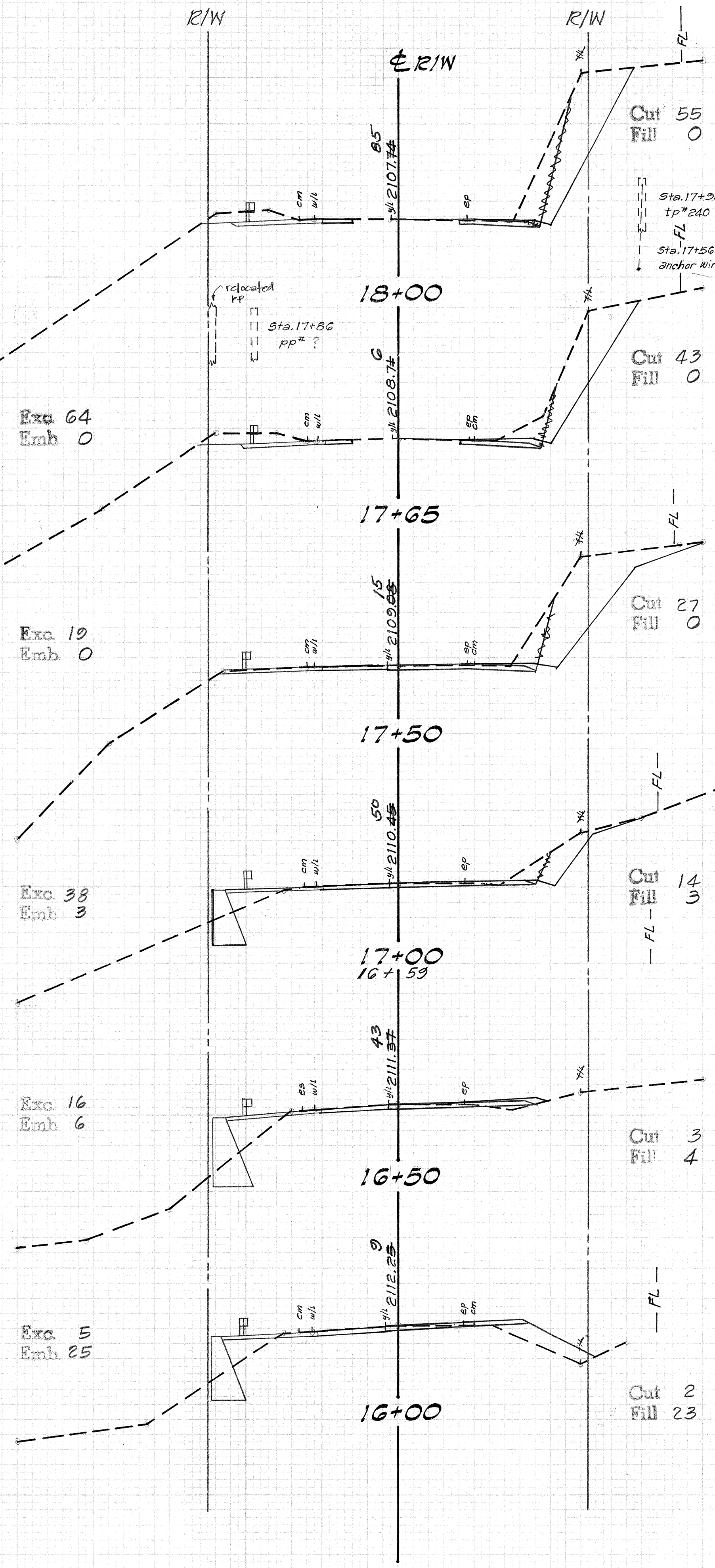
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PLATE 3 CROSS-SECTION

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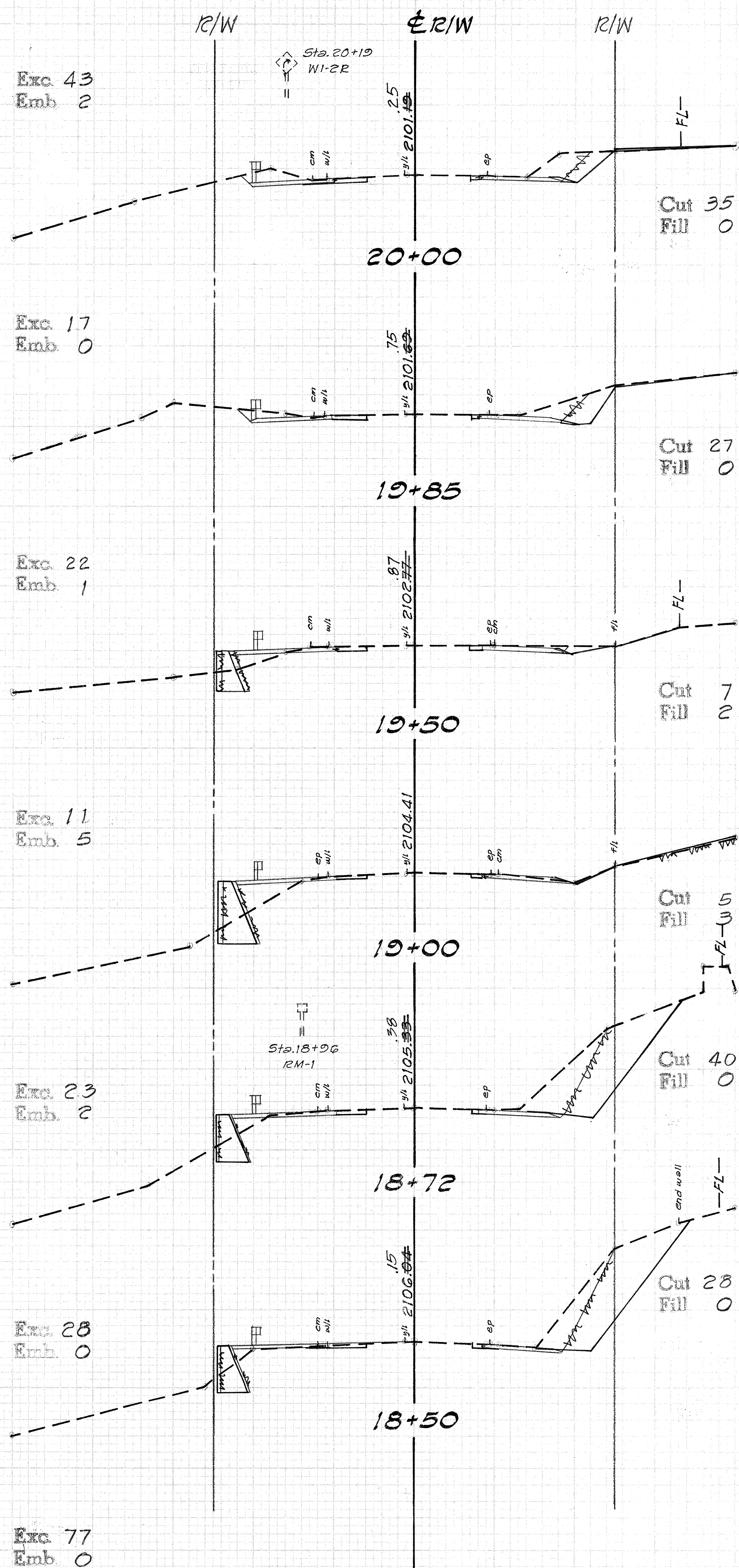
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| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HE-0190(9)         | 1990        | 17        | 24           |



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Exc. 6  
Emb. 42

Exc. 4  
Emb. 39

Exc. 2  
Emb. 17

Exc. 5  
Emb. 9

Exc. 16  
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Exc. 20  
Emb. 4

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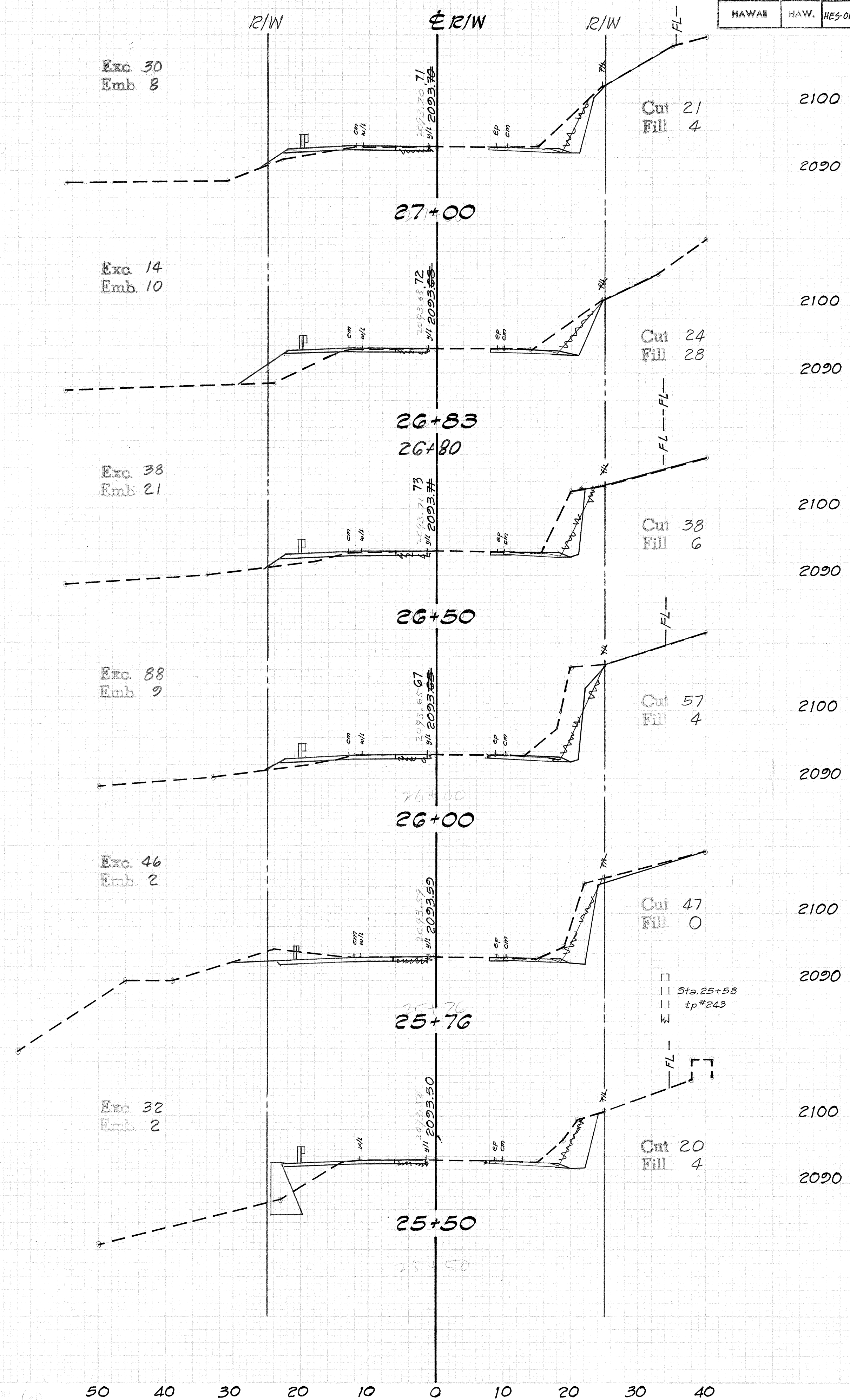
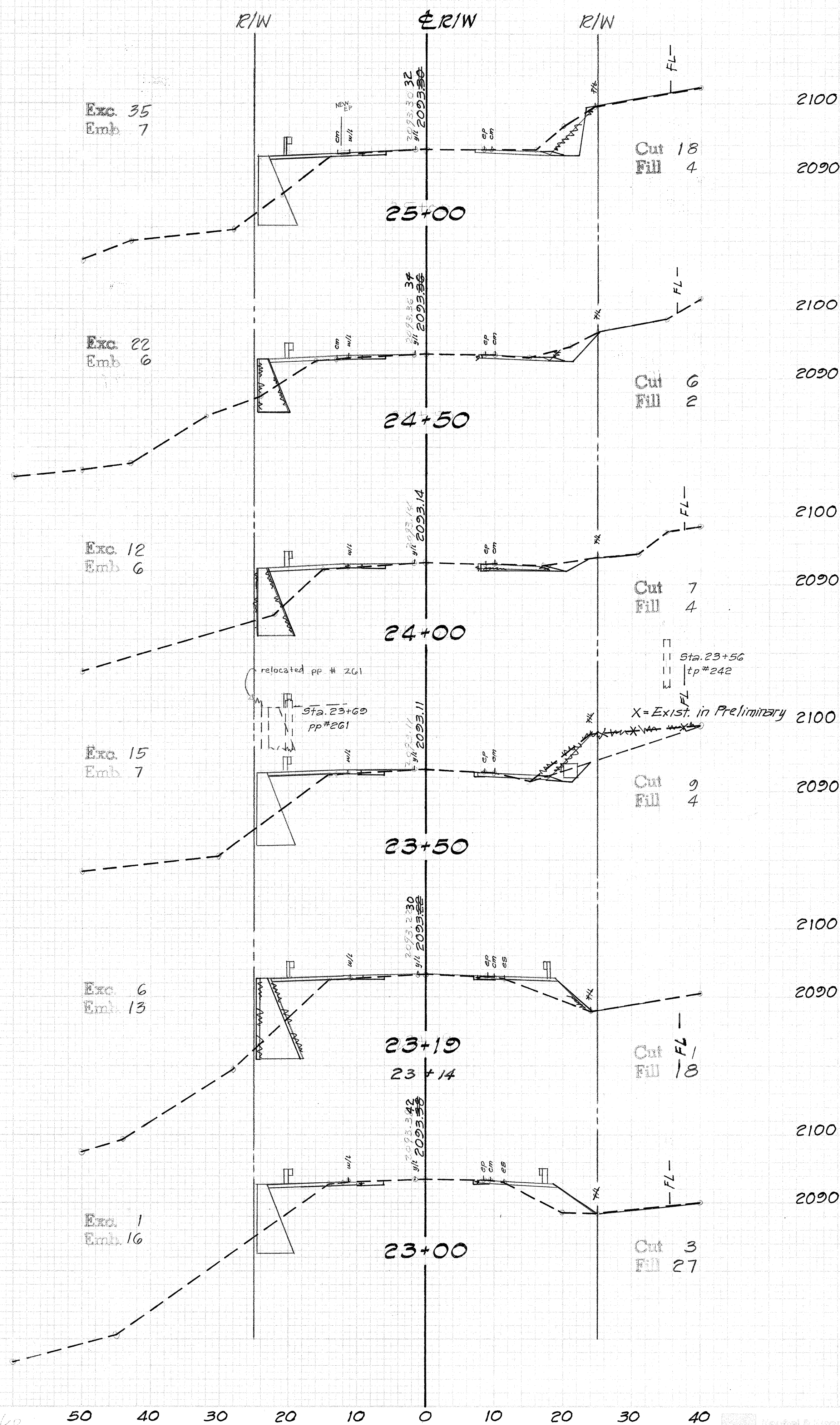
Ward & Co. Company



| DATE     |  |
|----------|--|
| BY       |  |
| DESIGNED |  |
| PLANNED  |  |
| NOTED    |  |
| AREAS    |  |
| CHECKED  |  |

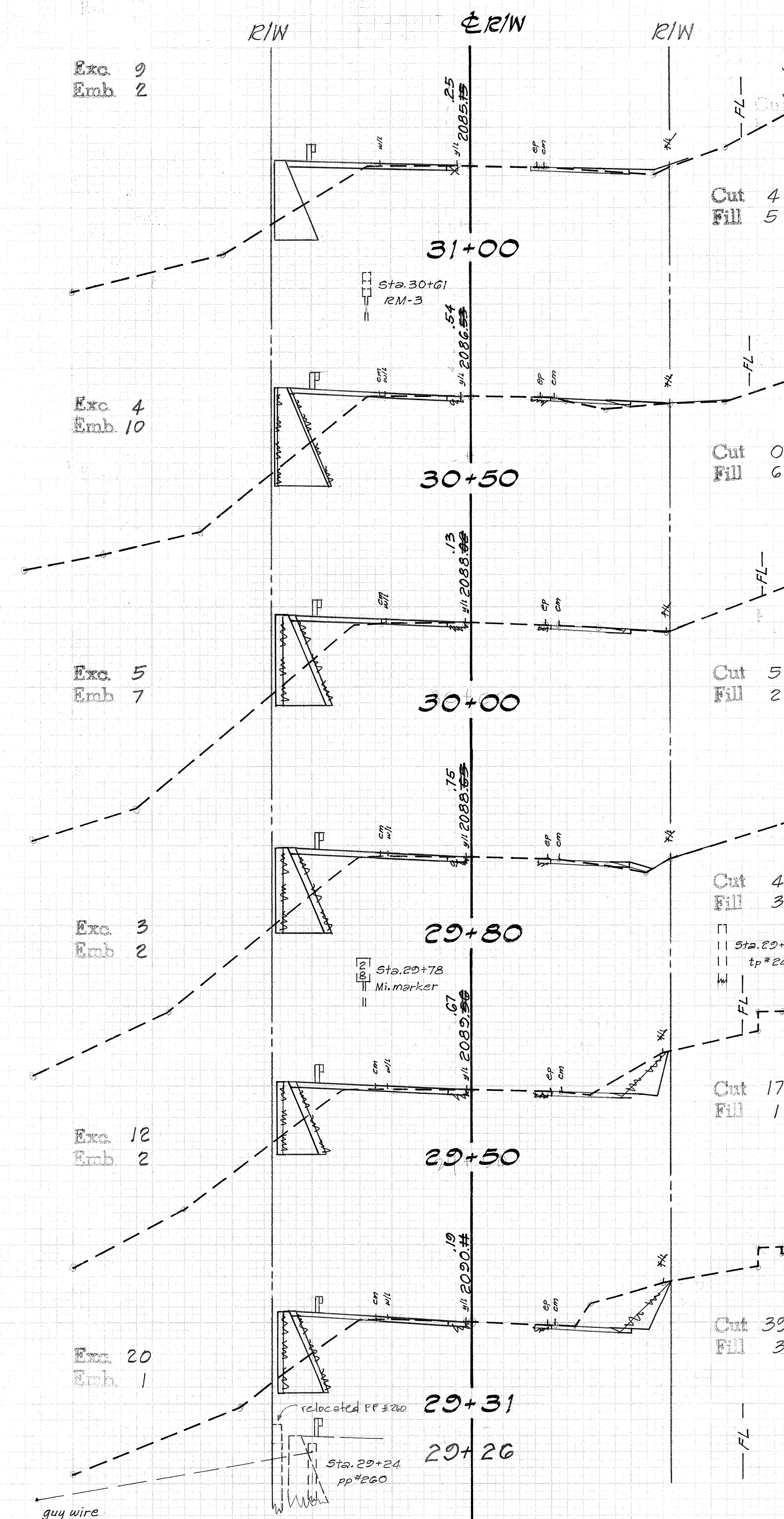
| DATE     | July 80 |
|----------|---------|
| BY       | J       |
| DESIGNED |         |
| PLANNED  |         |
| NOTED    |         |
| AREAS    |         |
| CHECKED  |         |

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HE-0190(9)         | 1990        | 18        | 24           |



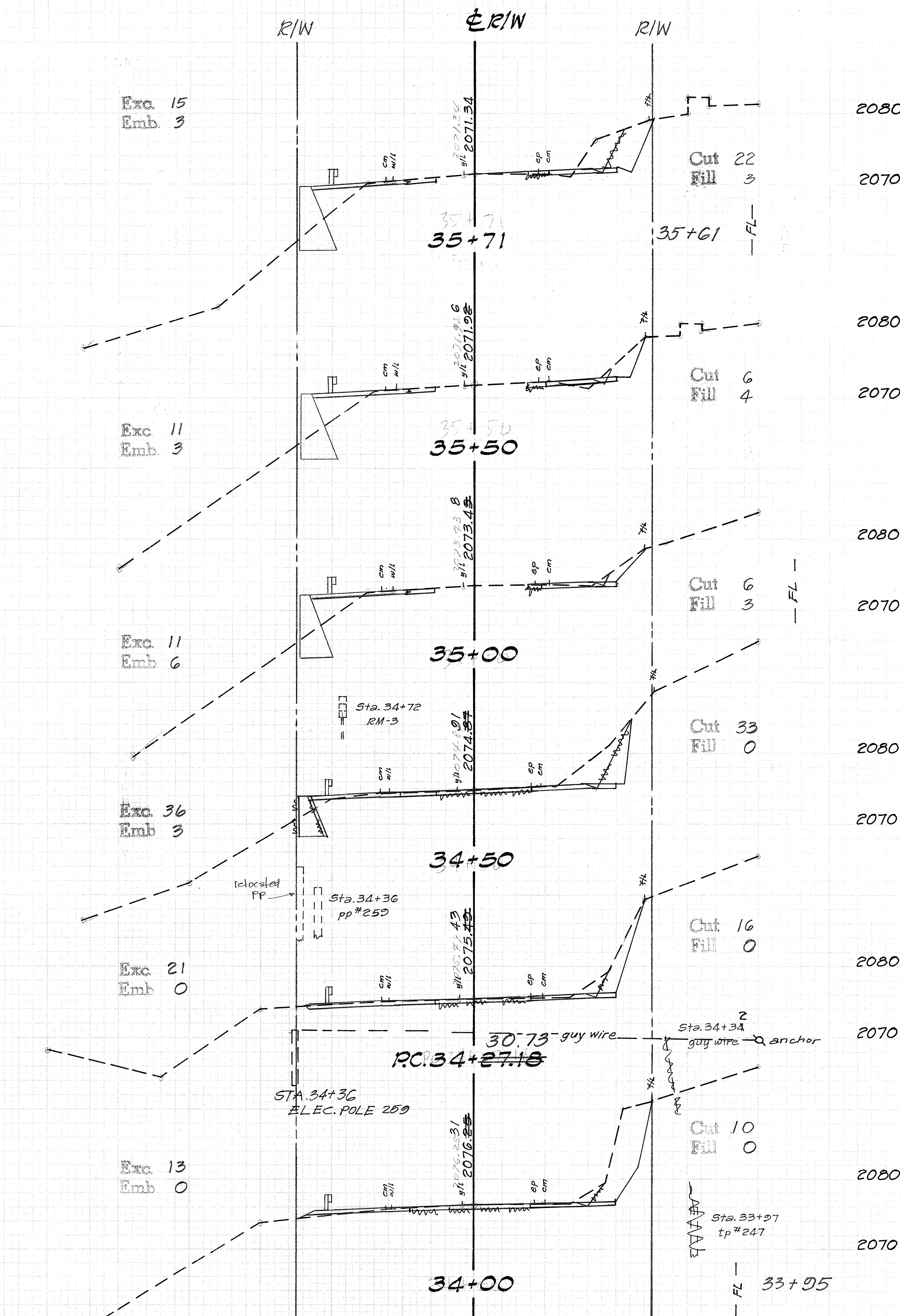


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| ORIGINAL      |             |           | DATE           |
| SURVEY        |             | BY        |                |
| PLOTTED       |             | <i>JS</i> | <i>July 89</i> |
| NOTE BOOK     |             |           |                |
| TEMPLATE      |             |           |                |
| AREAS         |             |           |                |
| AREAS CHECKED |             |           |                |
| NO            | <b>1354</b> |           |                |



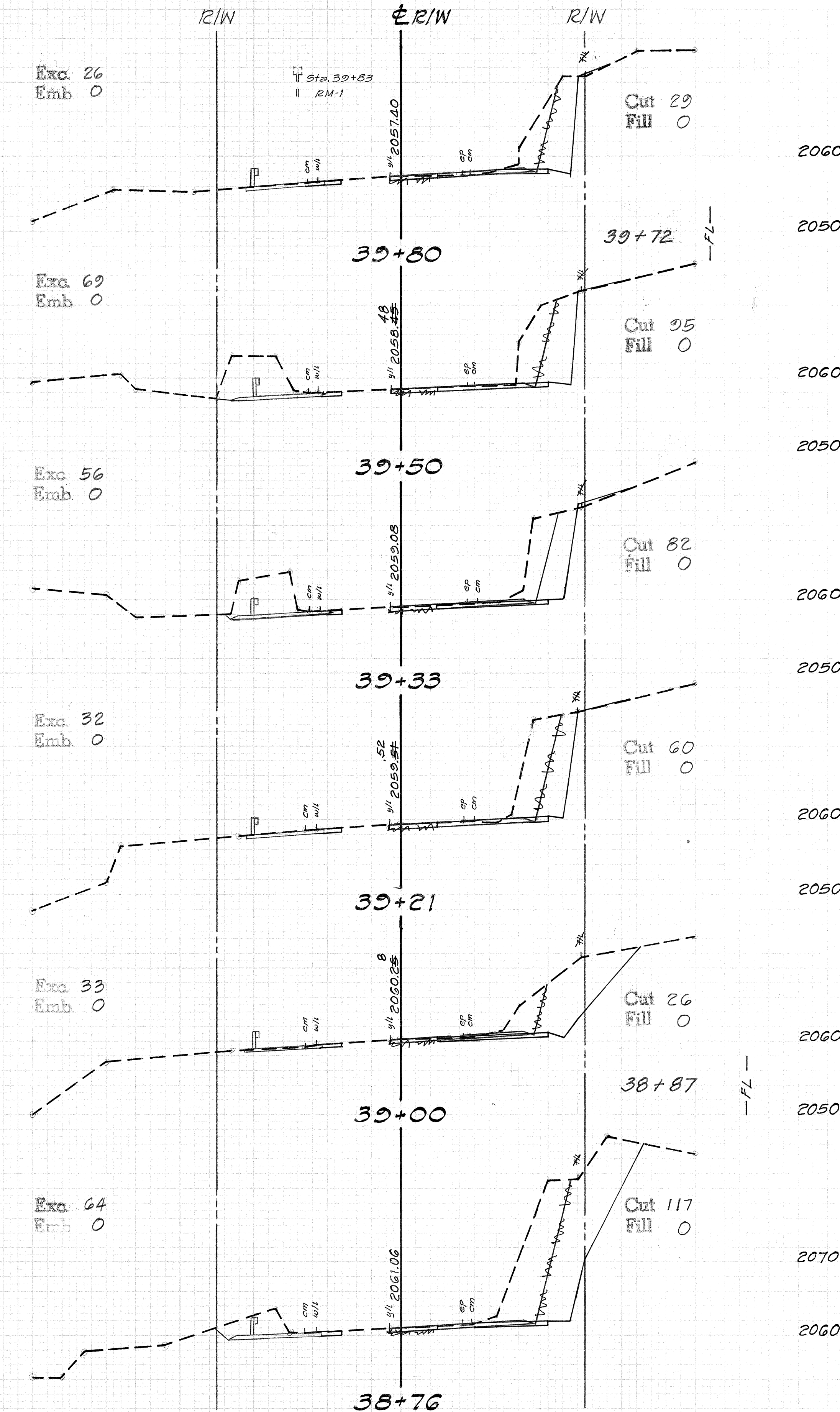


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|-----------------|-----------------|------------|----------------|
| ORIGINAL SURVEY | SURVEYED        | BY         | DATE           |
| NOTE BOOK       | PLOTTED         | <i>glo</i> | <i>July 89</i> |
|                 | TEPLATE         |            |                |
|                 | AREAS           |            |                |
|                 | AREAS CHECKED   |            |                |
|                 | NO. <i>1354</i> |            |                |





|                    |      |                                 |           |                 |
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| ORIGINAL<br>SURVEY |      | SURVEYED _____                  | BY _____  | DATE _____      |
| NOTE BOOK          |      | PLOTTED _____<br>TEMPLATE _____ | <i>JS</i> | <i>July '89</i> |
| HO.                | 1354 | AREAS CHECKED _____             |           |                 |





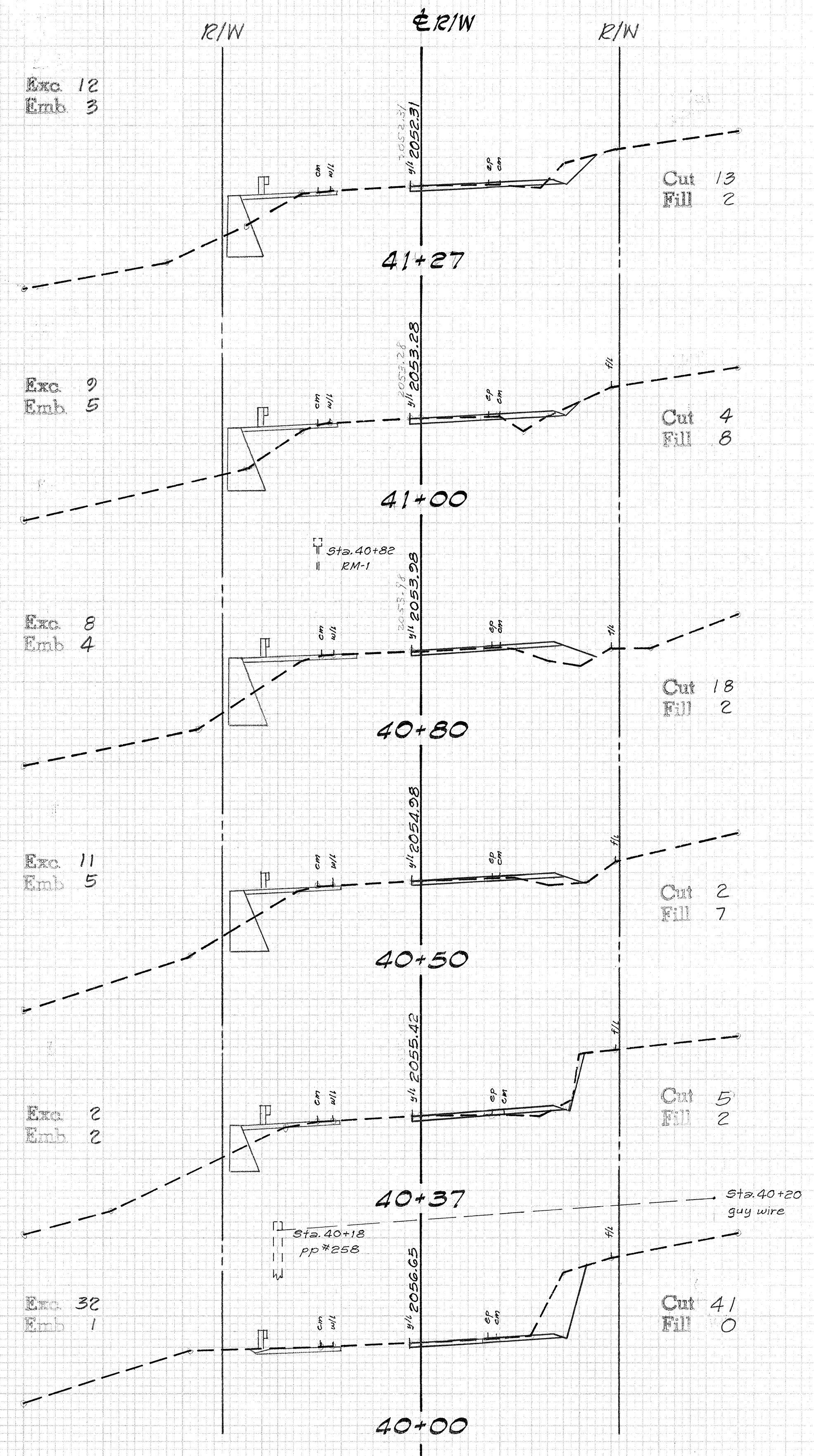
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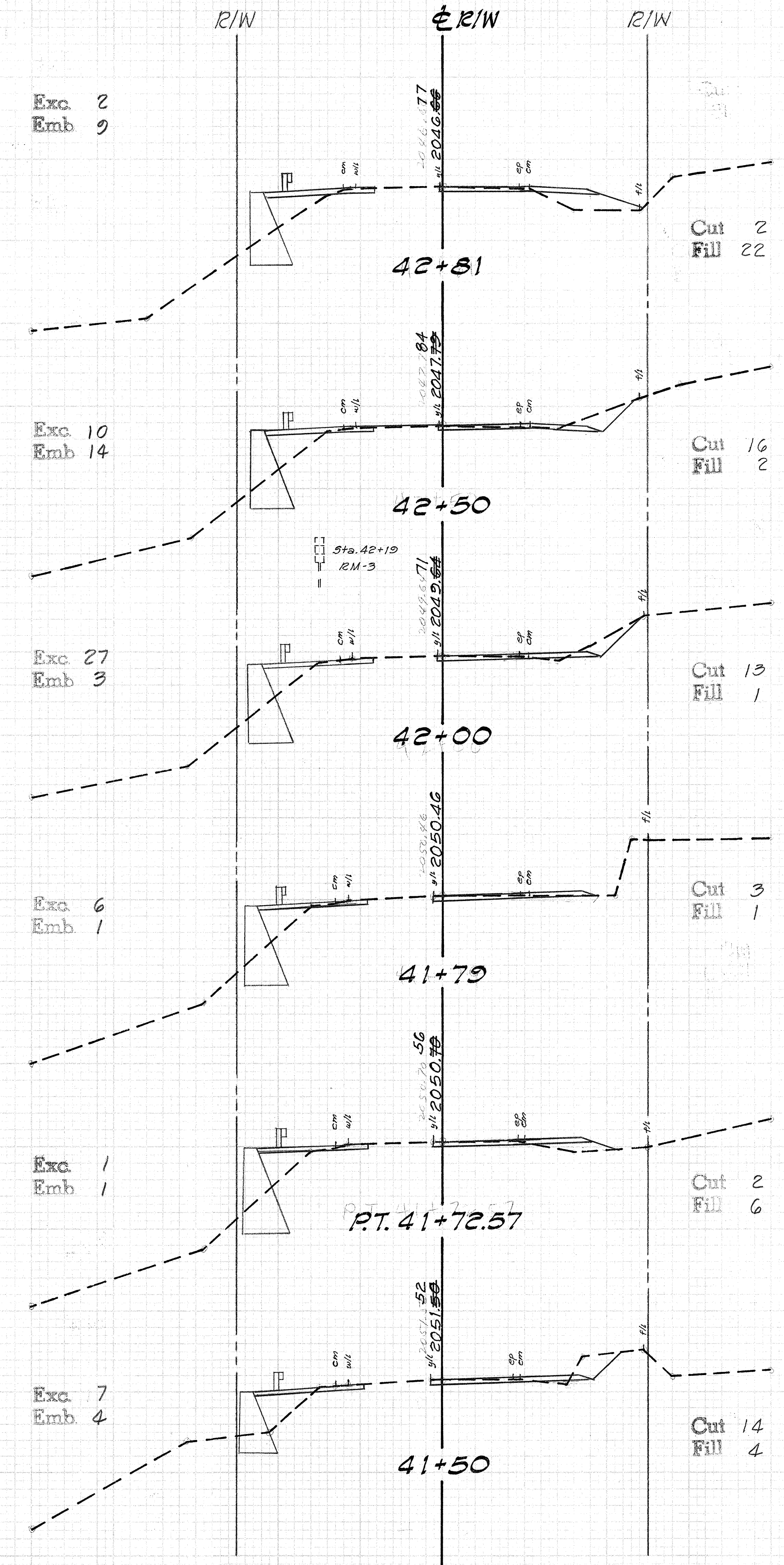
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HE5-0120(2)        | 1990        | 22        | 24           |

|          |    |         |         |               |
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| DATE     | ST | CHANGED | PLOTTED | AREAS CHECKED |
|          |    |         |         |               |
| NO. 1354 |    |         |         |               |

|          |    |         |         |               |
|----------|----|---------|---------|---------------|
| DATE     | ST | CHANGED | PLOTTED | AREAS CHECKED |
| July 22  | J  |         |         |               |
| NO. 1354 |    |         |         |               |



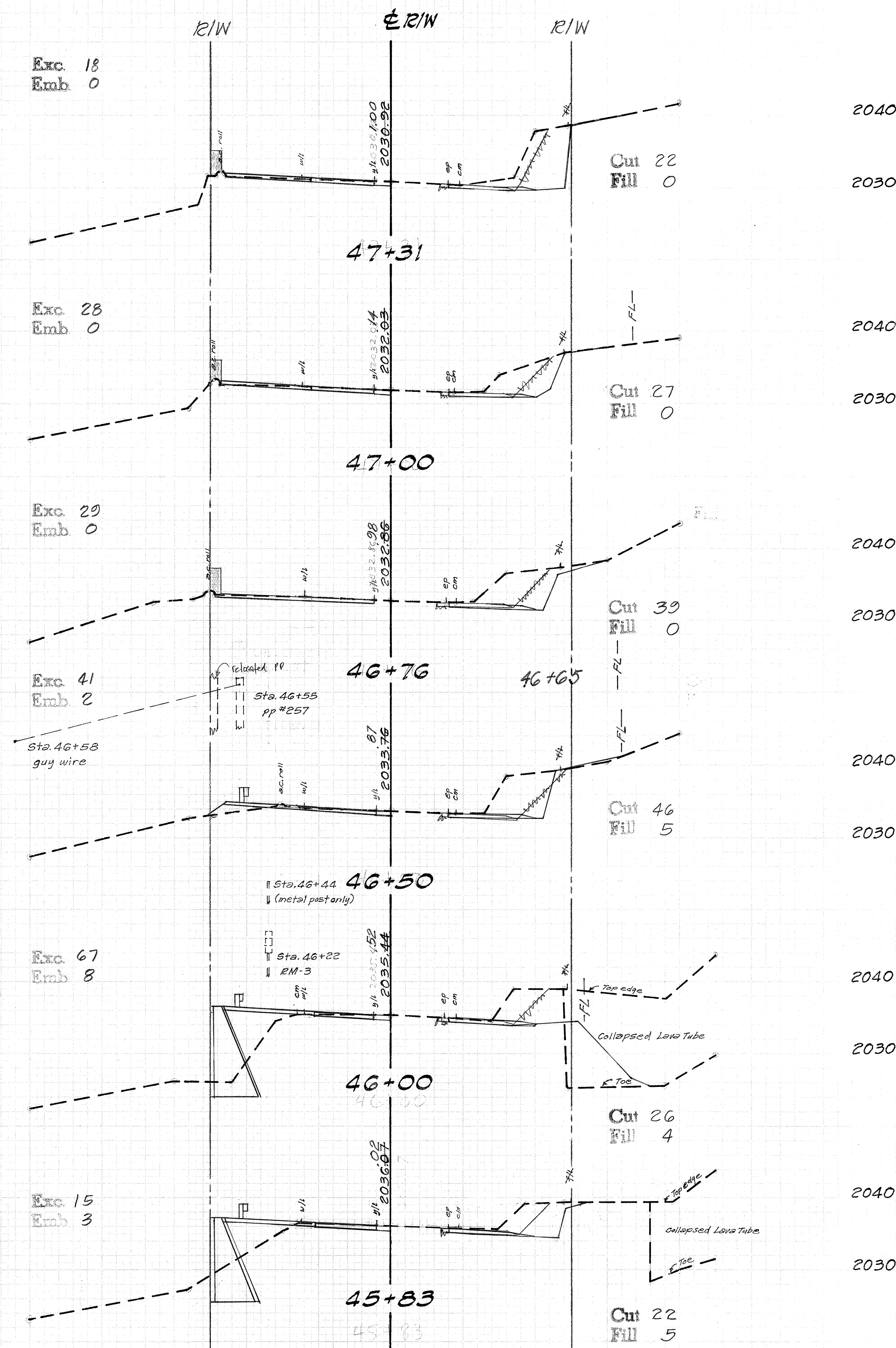
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| ORIGINAL SURVEY | SURVEYED      | BY | DATE    |
|-----------------|---------------|----|---------|
| NOTE BOOK       | PLOTTED       | JL | July 80 |
|                 | TEMPLATE      |    |         |
|                 | AREAS         |    |         |
| 1354            | AREAS CHECKED |    |         |





|           |  |               |                |
|-----------|--|---------------|----------------|
| ORIGINAL  |  | BY            | DATE           |
| SURVEY 1  |  | <i>gjo</i>    | <i>July 09</i> |
| NOTE BOOK |  |               |                |
|           |  | AREAS         |                |
|           |  | AREAS CHECKED |                |
| NO. 1354  |  |               |                |

