

# INDEX OF SHEETS

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## SOUTH CAROLINA STATE HIGHWAY DEPARTMENT COLUMBIA

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

DKT. Nos 19.235 Pts. 1 & 2 AND 41.240

RD. 21 (RT. 231)

EDGEFIELD - SALUDA COUNTIES

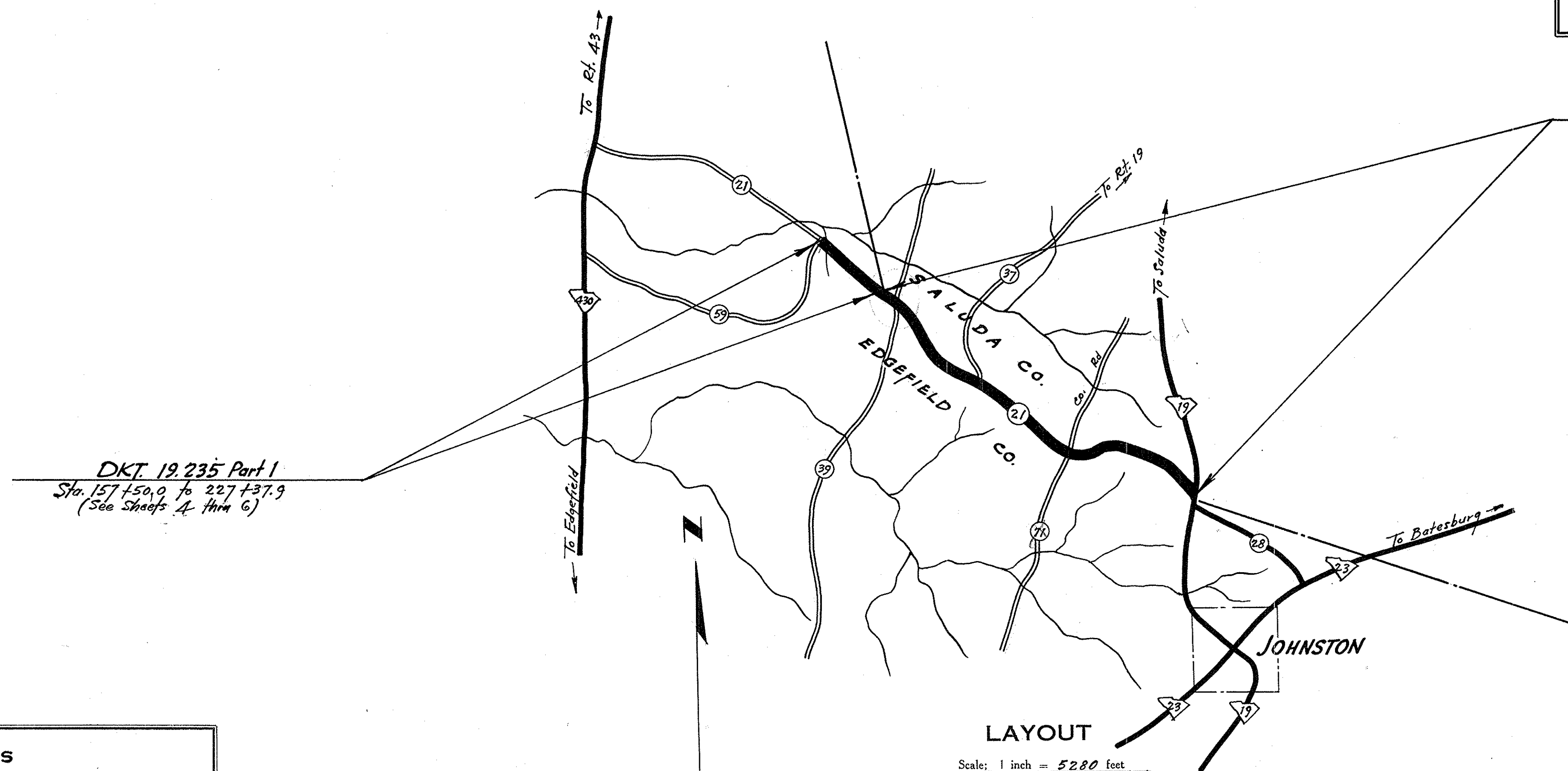
FROM ROAD 59 TO ROUTE 19

SCALES: PLAN AND PROFILE 1 INCH = 100 FEET HORIZONTAL; 1 INCH = 10 FEET VERTICAL.

| FED. ROAD<br>DIV. NO. | STATE | COUNTY              | DOCKET NO.                    | PROJECT NO. | ROUTE<br>NO.   | SHEET<br>NO. | TOTAL<br>SHEETS |
|-----------------------|-------|---------------------|-------------------------------|-------------|----------------|--------------|-----------------|
| 3                     | S. C. | Edgefield<br>Saluda | 19.235 Pts. 1 & 2<br>& 41.240 |             | 1231<br>Rd. 21 | 1            | 63              |

## SUMMARY OF ESTIMATED QUANTITIES

|                                                       | DKT.<br>19.235 Pt. 1 | 19.235 Pt. 2<br>& 41.240 |          |
|-------------------------------------------------------|----------------------|--------------------------|----------|
| <b>EARTHWORK</b>                                      |                      |                          |          |
| Clearing & Grubbing within Roadway                    | Nec'y.               | Nec'y.                   | Acres    |
| " " of Borrow & Material Pits                         | 0.5                  | 0.5                      | C.Y.     |
| Unclassified Excavation                               | 5232                 | 15,635                   | C.Y.H.M. |
| Overhaul                                              | 12,442               | 49,170                   | C.Y.     |
| Selected Material for Shoulders                       | 802                  | 2709                     |          |
| <b>BASE COURSE</b>                                    |                      |                          |          |
| Earth Type Base Course (Ground Surf. Material)        | 2805                 | 9530                     | C.Y.     |
| Scarifying, Mixing, Remixing, Shaping & Reshaping     | 15,252               | 51,801                   | M.S.Y.   |
| Add'l. " " " "                                        | 4,000                | 13,000                   | "        |
| <b>SURFACING</b>                                      |                      |                          |          |
| Bituminous Surfacing (Inverted Penetration with Seal) | 14,476               | 49,180                   | S.Y.     |
| <b>STRUCTURES</b>                                     |                      |                          |          |
| 15" R. C. Pipe                                        | 20                   | 420                      | L.F.     |
| 18" " "                                               | 92                   | 484                      | "        |
| 24" " "                                               | 64                   | 120                      | "        |
| 30" " "                                               |                      | 68                       | "        |
| 72" " "                                               | 44                   |                          | "        |
| 18" Relaid Pipe                                       |                      | 51                       | "        |
| 24" Relaid Pipe                                       |                      | 27                       | "        |
| <b>INCIDENTALS</b>                                    |                      |                          |          |
| Reset Fences                                          | 3765                 | 6640                     | L.F.     |
| 4" Tile Underdrains                                   |                      | 200                      | "        |



## CONVENTIONAL SIGNS

|                               |       |                              |           |
|-------------------------------|-------|------------------------------|-----------|
| State Line                    | ----- | Trolley Poles                | • • • • • |
| County Line                   | ----- | Power Poles                  | • • • • • |
| City or Town Limits           | ----- | Telephone or Telegraph Poles | • • • • • |
| Property Line                 | ----- | Marsh                        | • • • • • |
| Fence                         | -x-x- | Trees                        | • • • • • |
| Retaining Wall                | ----- | Brush                        | • • • • • |
| Existing Road                 | ----- | Stumps                       | • • • • • |
| Q and R.O.W. Lines of         | ----- | Buildings                    | • • • • • |
| Proposed Road                 | ----- | Bridge                       | • • • • • |
| Railroad                      | ----- | Concrete Box Culvert         | • • • • • |
| Levee or Embankment           | ----- | Pipe Culvert                 | • • • • • |
| Guard Rail                    | ----- | Drop Inlet and Culvert       | • • • • • |
| Point of Intersection (P. I.) | Δ     | Hub on Center Line           | • • • • • |

## LEGEND

PROPOSED PROJECT  
OTHER ROADS

## LAYOUT

Scale: 1 inch = 5280 feet

|                           | 19.235 Pt. 1 | 19.235 Pt. 2<br>& 41.240 |       |
|---------------------------|--------------|--------------------------|-------|
| Net Length of Roadway =   | 1.323        | 4.468                    | Miles |
| Net Length of Bridges =   |              |                          | Miles |
| Net Length of Project =   | 1.323        | 4.468                    | Miles |
| Length of Exceptions =    |              |                          | Miles |
| Gross Length of Project = | 1.323        | 4.468                    | Miles |

Equalities in Stationing  
None

Note: All workmanship and material on this project to conform with South Carolina State Highway Department Standard Specifications for Highway Construction dated March 15th 1939, as approved by the Administrator, Federal Works Agency.

APPROVED

OK  
9-2-48  
S. M. Pearson  
STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY

APPROVED

DIVISION ENGINEER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY

MOYING ITEMS  
Docket No. 19.235  
Edgefield Co  
Rd. 21 (Rt. 231

| Item No. | Location       | Description                                                                                                              | Work to be done                                                                                 | Unit Price | Owner            |
|----------|----------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------|------------------|
| 1        | Rt. Sta 189+75 | Wood frame bldg, one story, tin Roof, native stone pillars, Size 16x22, No Chimney, Fair condition                       | Move across Rd. for a distance not to exceed 322 ft                                             | Lump Sum   | J. Watson Wright |
| 2        | Rt. Sta 190+00 | Wood frame double Garage, no floor, post in ground, tar paper roof, bad condition                                        | Move on same side of Rd. diagonally, for distance not to exceed 300 ft                          | " "        | J. Watson Wright |
| 3        | Rt. Sta 232+00 | Wood frame, one story Bldg 20x30, Native stone pillars, tin Roof, no chimney                                             | Move on same side of Rd. diagonally, distance not to exceed 200 ft, to a site selected by owner | " "        | George Rauton    |
| 4        | Lt. Sta 387+50 | Old wood frame Cotton Gin 32x40, two story, Wood Shingle Roof, Some old Machinery in bldg.                               | Move back to clear Right of way                                                                 | " "        | R. L. Powell     |
| 5        | Lt. Sta 388+00 | Open Well with 2" I.C. casing. Approx. 25' deep. Has elect. pump. Approx. 18' from ground surface to present water level | Dig new well and install elec. pump on oppsite side of Rd to Clear R/W. Point Selected by owner | " "        | R. L. Powell     |

Ground Surface \_\_\_\_\_  
" " \_\_\_\_\_  
Template Sections Platted by \_\_\_\_\_  
" " \_\_\_\_\_  
Checked by \_\_\_\_\_  
Areas by \_\_\_\_\_  
Checked by \_\_\_\_\_  
Template Sections Revised by \_\_\_\_\_  
" " \_\_\_\_\_  
Checked by \_\_\_\_\_  
Final Areas by \_\_\_\_\_  
" " \_\_\_\_\_  
Checked by \_\_\_\_\_  
Quantities Transferred and Inked by \_\_\_\_\_

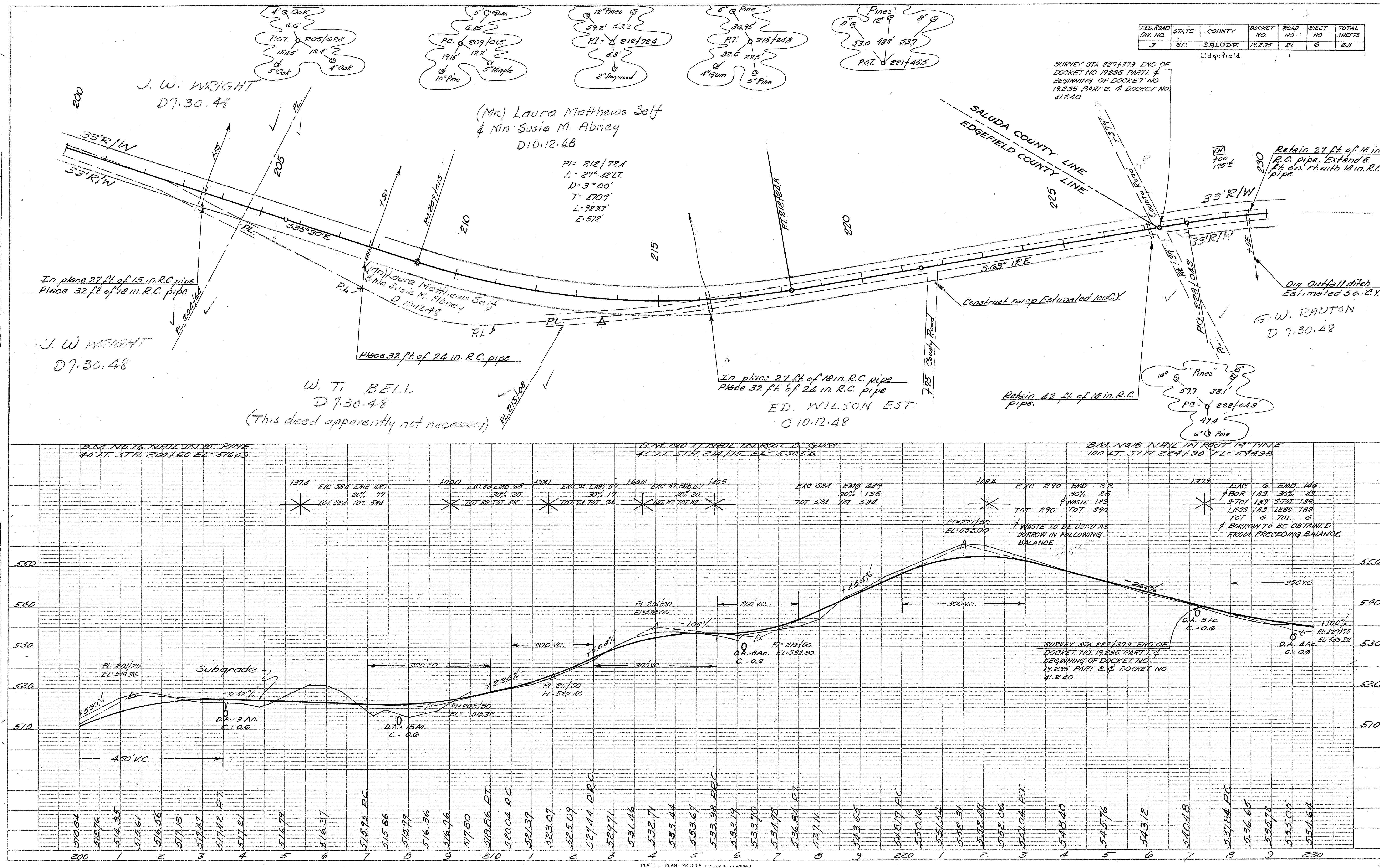
| FED. ROAD DIV. NO. | STATE | COUNTY | DOCKET NO. | ROAD NO. | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|--------|------------|----------|-----------|--------------|
| 3                  | S.C.  | SALUDA | 19,235     | 21       | 6         | 63           |

Edgefield

SURVEY STA. 227+37.9 END OF DOCKET NO. 19,235 PART 1 & BEGINNING OF DOCKET NO. 19,235 PART 2 & DOCKET NO. 41,240

| PLAN      | DATE |
|-----------|------|
| SURVEYED  |      |
| PLOTTED   |      |
| NOTE BOOK |      |
| CHECKED   |      |
| BY        |      |
| NO.       |      |

| PROFILE   | DATE |
|-----------|------|
| SURVEYED  |      |
| PLOTTED   |      |
| NOTE BOOK |      |
| CHECKED   |      |
| BY        |      |
| NO.       |      |



|      |      |     |
|------|------|-----|
| PLAN | DATE | BY  |
|      | SY   | NO. |
| PLAN | DATE | BY  |
|      | SY   | NO. |

|         |      |     |
|---------|------|-----|
| PROFILE | DATE | BY  |
|         | SY   | NO. |
| PROFILE | DATE | BY  |
|         | SY   | NO. |

| FED. RD. DIV. NO. | STATE | COUNTY | DOCKET NO. | ROAD NO. | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------|------------|----------|-----------|--------------|
| 3                 | S.C.  | SALUDA | 19,235     | 21       | 7         | 63           |

Edgefield

230 (Mr) Laura M. Self  
& Mrs Susie M. Abney  
D 7.12.48

G. W. RAUTON  
D 7.30.48

Saluda County

Edgefield County

G. W. RAUTON  
D 7.30.48

MOVING ITEM NO. 3

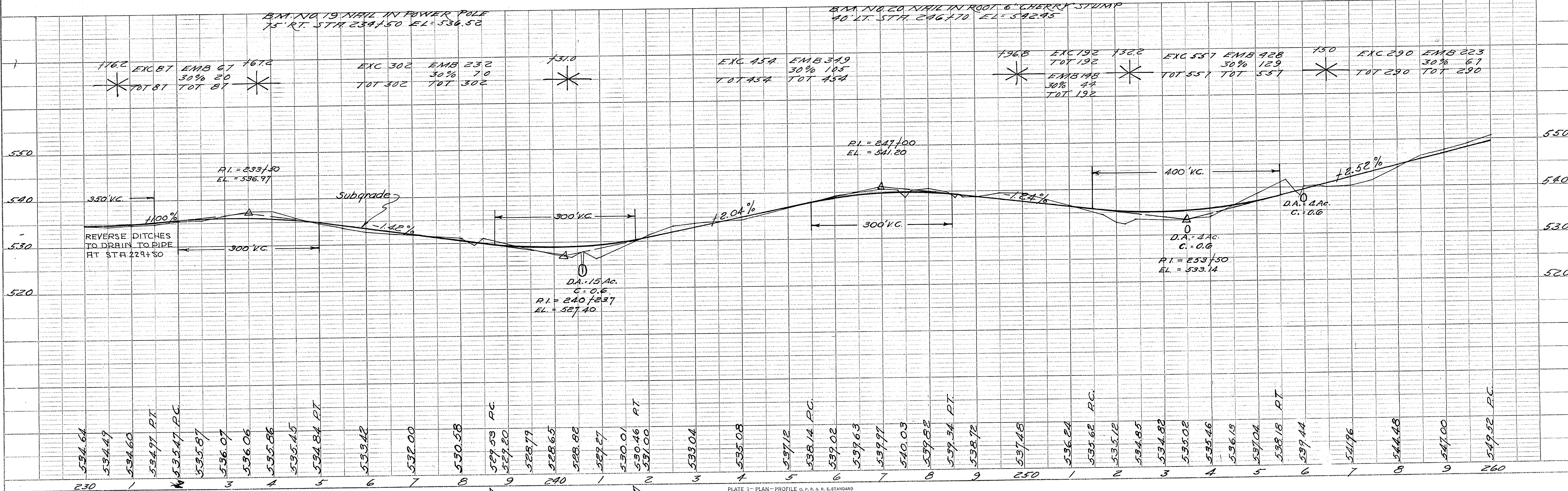
Place 20 ft. of 15 in. R.C. pipe

In place 30 ft. of 36 in. C.M.  
pipe. Place 32 ft. of 30 in.  
R.C. pipe.

Place 32 ft. of 18 in. R.C. pipe

Construct Co. Rd. Connection. Est. 1774  
led 200 C.Y.

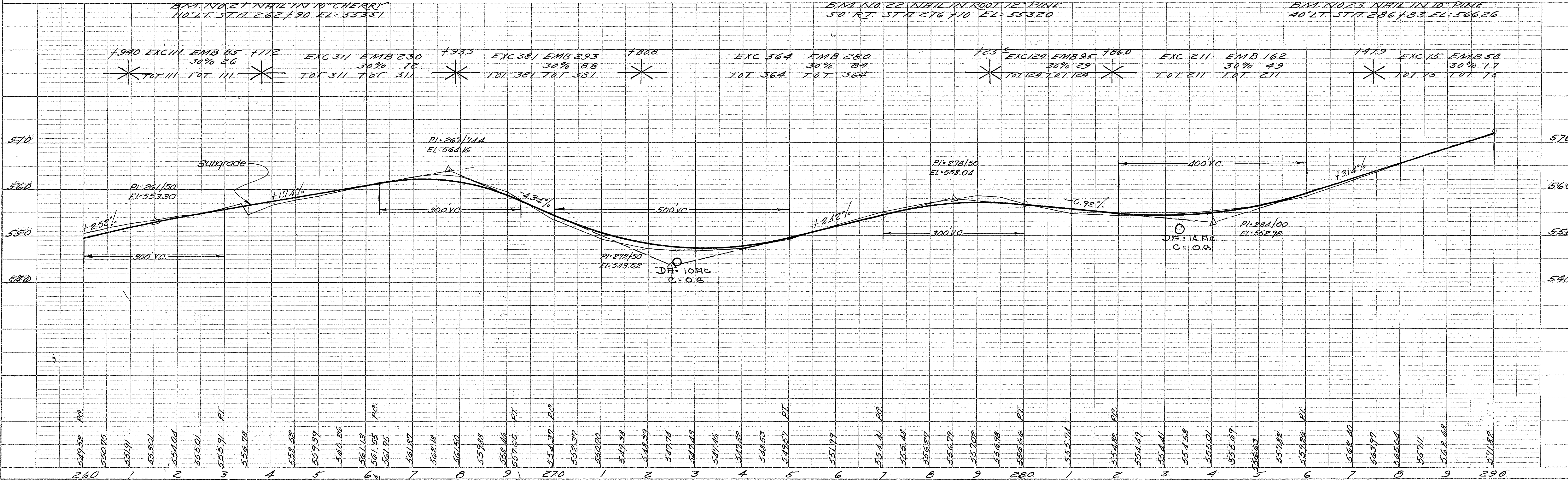
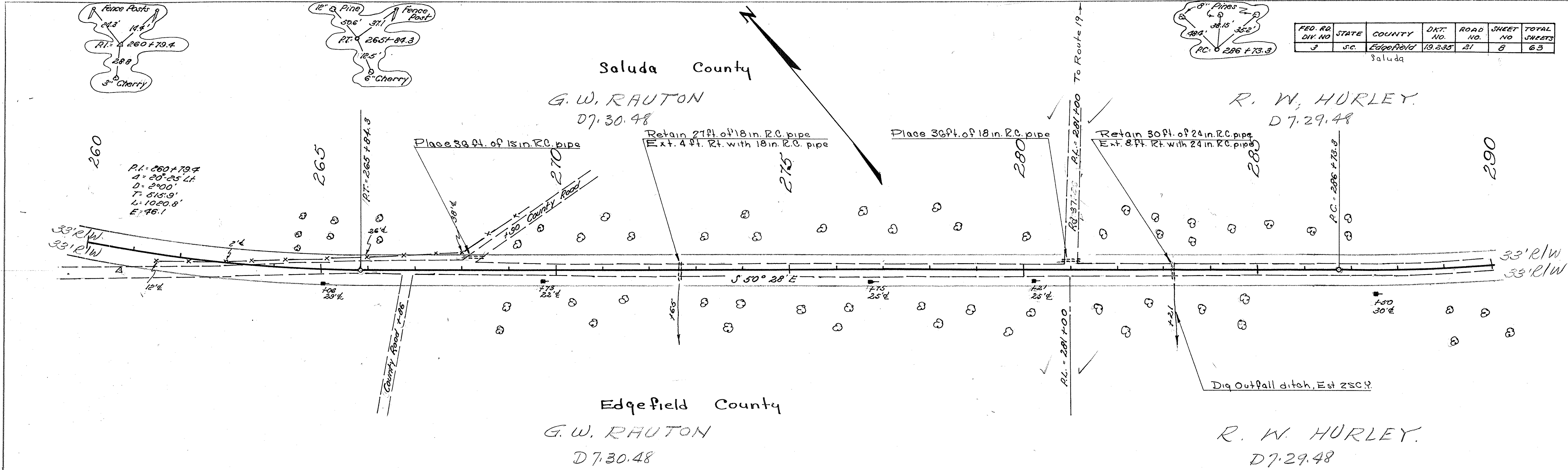
Place 32 ft. of 18 in. R.C. pipe



|      |          |  |
|------|----------|--|
| PLAN | DATE     |  |
|      | BY       |  |
|      | NO.      |  |
|      | REVIEWED |  |

|         |          |  |
|---------|----------|--|
| PROFILE | DATE     |  |
|         | BY       |  |
|         | NO.      |  |
|         | REVIEWED |  |

| FED. RD. DIV. NO. | STATE | COUNTY | DIST. NO. | ROAD NO. | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------|-----------|----------|-----------|--------------|
| 3                 | J.C.  | Saluda | 19.335    | 21       | 8         | 63           |



| FED. ROAD DIV. NO. | STATE | COUNTY    | DOCKET NO. | ROAD NO. | SHEET NO. | TOTAL SHEETS |
|--------------------|-------|-----------|------------|----------|-----------|--------------|
| 3                  | S.C.  | Edgefield | 19,235     | 21       | 9         | 63           |

J.C. Powell & J.R. Butler  
D 7.29.48

Saluda County  
George H. Samuels  
D 7.30.48

R. W. HURLEY  
D 7.29.48

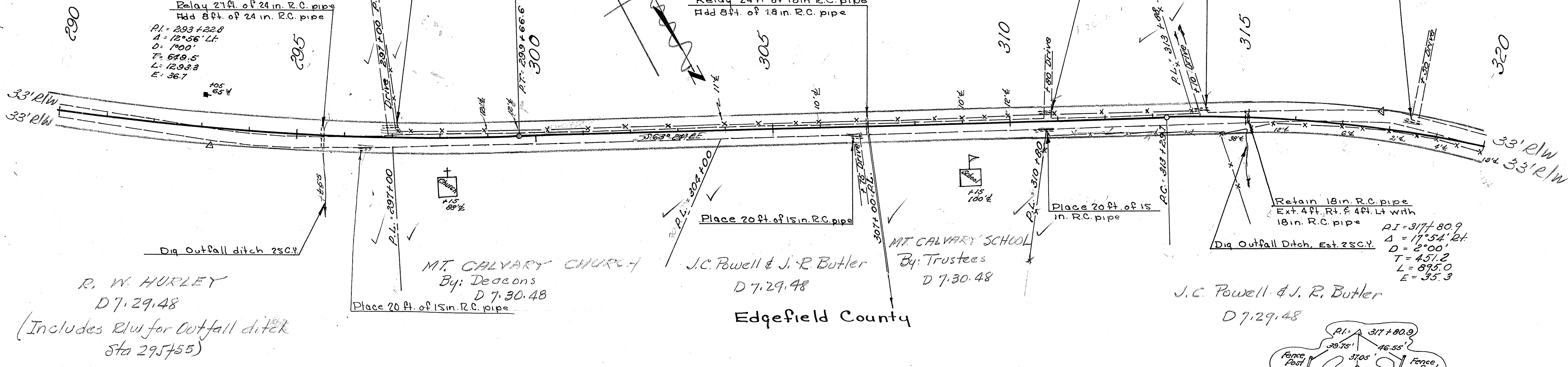
Relay 21 ft. of 24 in. R.C. pipe  
Add 8 ft. of 24 in. R.C. pipe  
P.I. = 293+22.8  
Δ = 12°56' Lt  
D = 1000'  
T = 649.5  
L = 1293.3  
E = 36.7

Relay 24 ft. of 18 in. R.C. pipe  
Add 8 ft. of 18 in. R.C. pipe

Place 20 ft. of 18 in. R.C. pipe

Place 20 ft. of 18 in. R.C. pipe

Place 20 ft. of 18 in. R.C. pipe



R. W. HURLEY  
D 7.29.48

(Includes R/W for outfall ditch  
Sta 295+55)

J.C. Powell & J.R. Butler  
D 7.29.48

Edgefield County

J.C. Powell & J.R. Butler  
D 7.29.48

Relay 21 ft. of 24 in. R.C. pipe  
Add 8 ft. of 24 in. R.C. pipe  
P.I. = 317+80.9  
Δ = 17°54' Rt  
D = 2000'  
T = 451.2  
L = 895.0  
E = 35.3

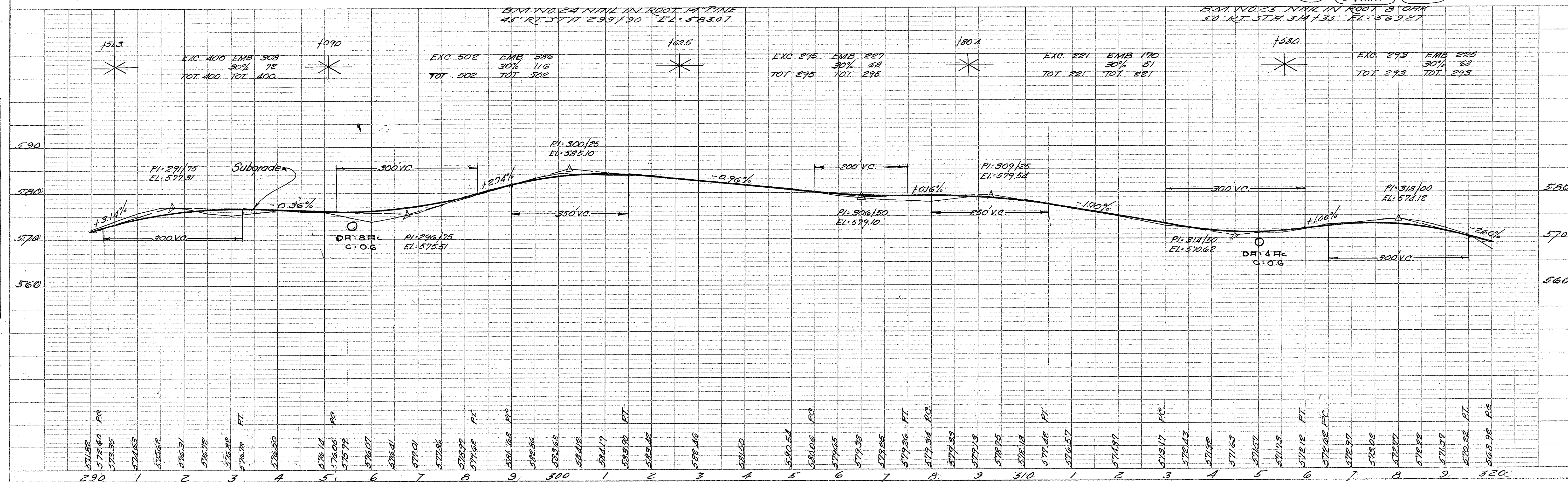


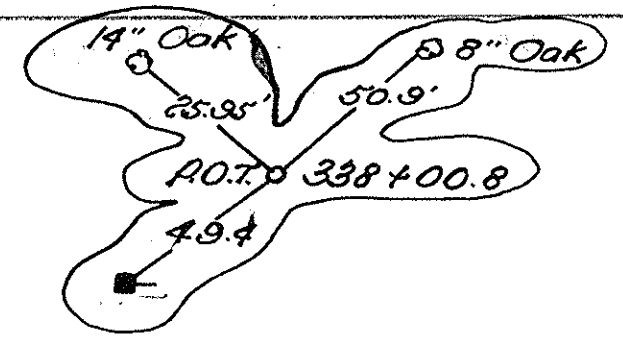
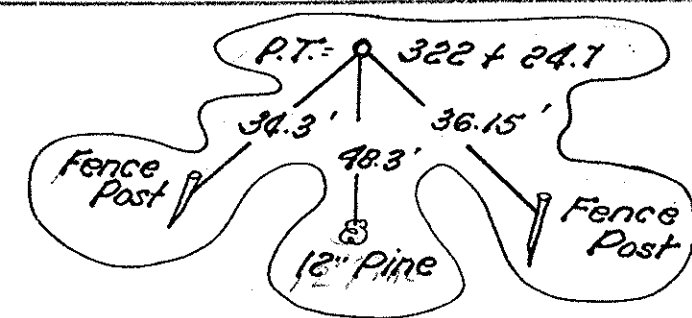
PLATE 1 - PLAN - PROFILE OF P. R. & R. E. STANDARD  
CHARLES BRUNING CO., INC., NEW YORK

| PLAN     | DATE | BY | DATE |
|----------|------|----|------|
| SURVEYED |      |    |      |
| NOTED    |      |    |      |
| NOTED    |      |    |      |
| NOTED    |      |    |      |

| PROFILE  | DATE | BY | DATE |
|----------|------|----|------|
| SURVEYED |      |    |      |
| NOTED    |      |    |      |
| NOTED    |      |    |      |
| NOTED    |      |    |      |

DK 19235  
Edgefield Co.  
Rd 21

| FED. RD. DIV. NO. | STATE | COUNTY    | DIST. NO. | ROAD NO. | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|-----------|-----------|----------|-----------|--------------|
| 3                 | S.C.  | Edgefield | 19.235    | 21       | 10        | 63           |
| Saluda            |       |           |           |          |           |              |

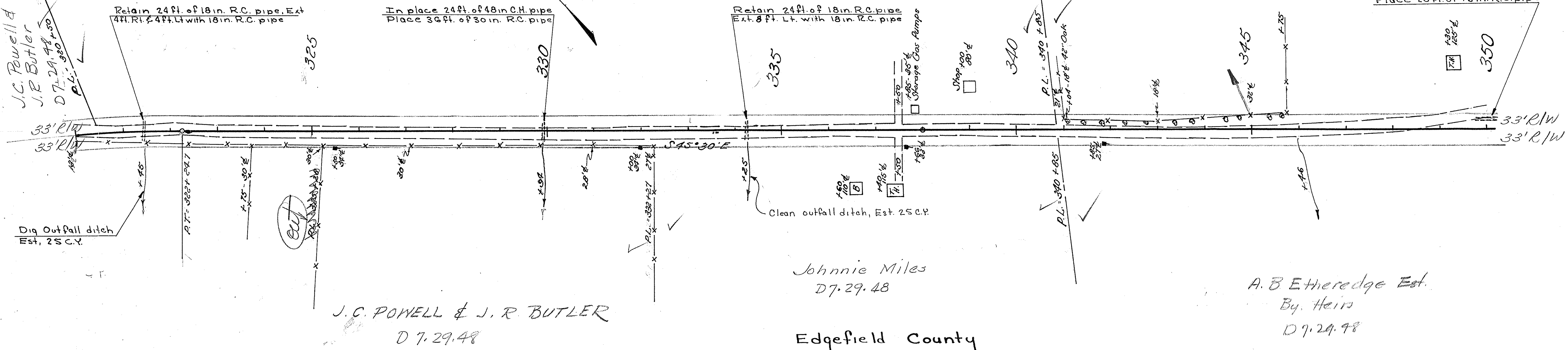


MABEL GEORGE DEAN  
D 7.29.48

Saluda County

A. B. Etheredge Est.  
By: Heirs  
D 7.29.48

Place 20 ft. of 15 in. R.C. pipe



J.C. POWELL & J.R. BUTLER  
D 7.29.48

Johnnie Miles  
D 7.29.48

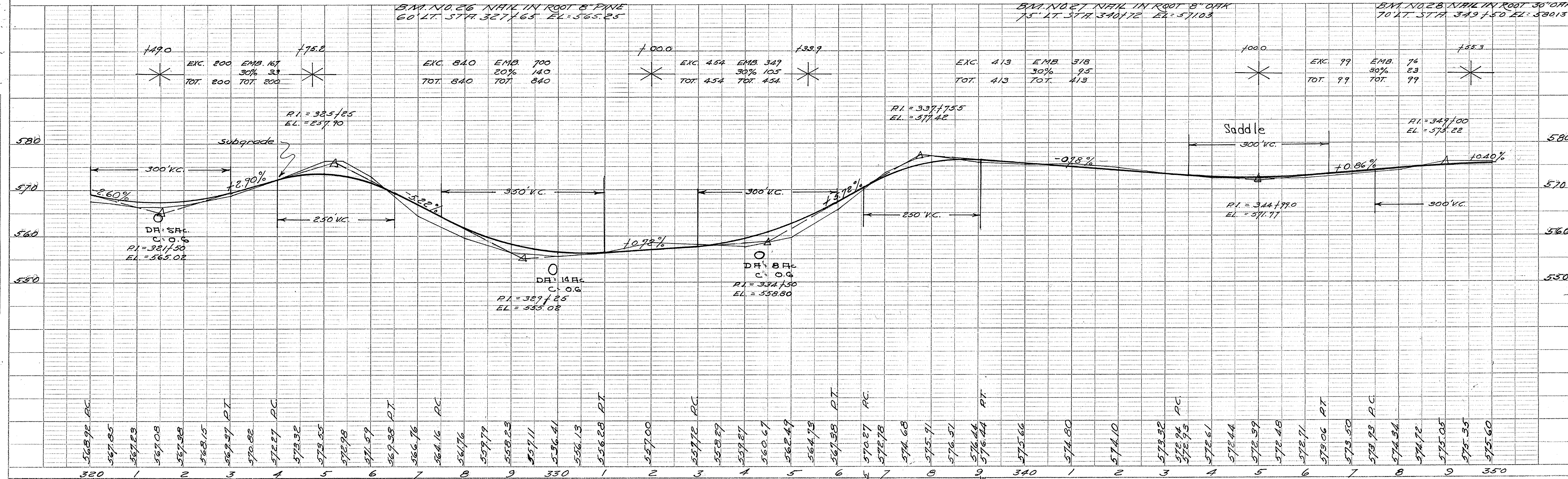
Edgefield County

A. B. Etheredge Est.  
By: Heirs  
D 7.29.48

B.M. NO. 26 NAIL IN ROOT 8" PINE  
60' LT. STA 327 + 65 EL = 565.25

B.M. NO. 27 NAIL IN ROOT 8" OAK  
75' LT. STA 340 + 72 EL = 571.03

B.M. NO. 28 NAIL IN ROOT 30" OAK  
70' LT. STA 349 + 50 EL = 580.13



|           |          |      |
|-----------|----------|------|
| PLAN      | SURVEYED | DATE |
| NOTE BOOK | PLOTTED  | BY   |
| NO.       | CHECKED  |      |

|           |          |      |
|-----------|----------|------|
| PROFILE   | SURVEYED | DATE |
| NOTE BOOK | PLOTTED  | BY   |
| NO.       | CHECKED  |      |

DK 19235  
Edgefield Co.  
Rd. 21

12

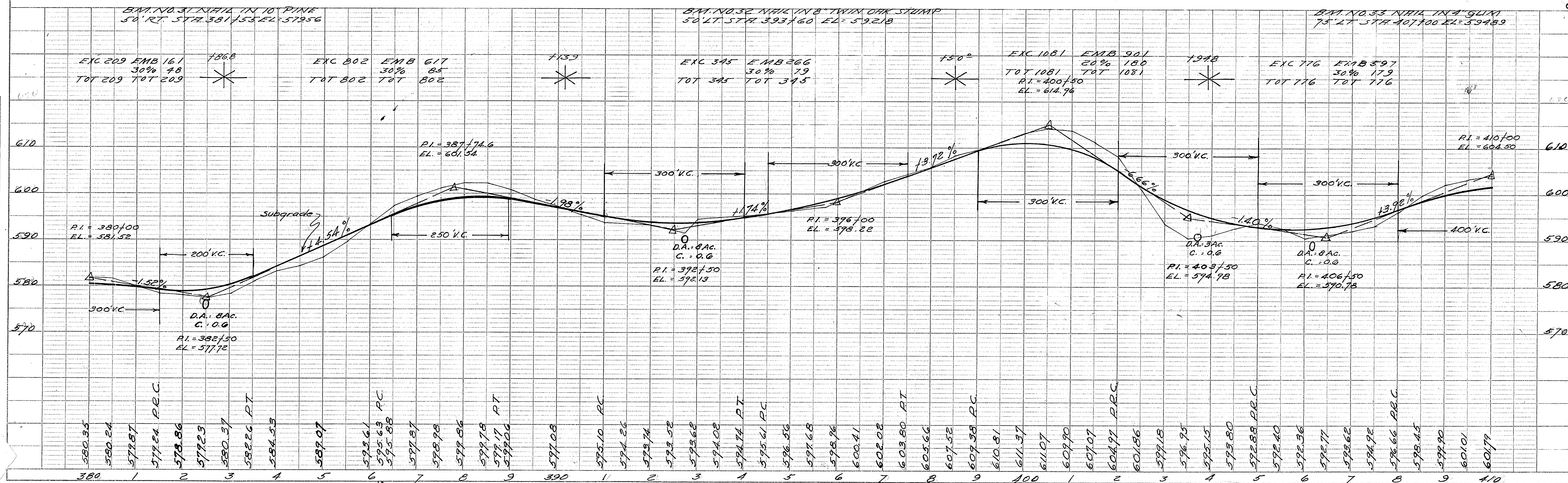
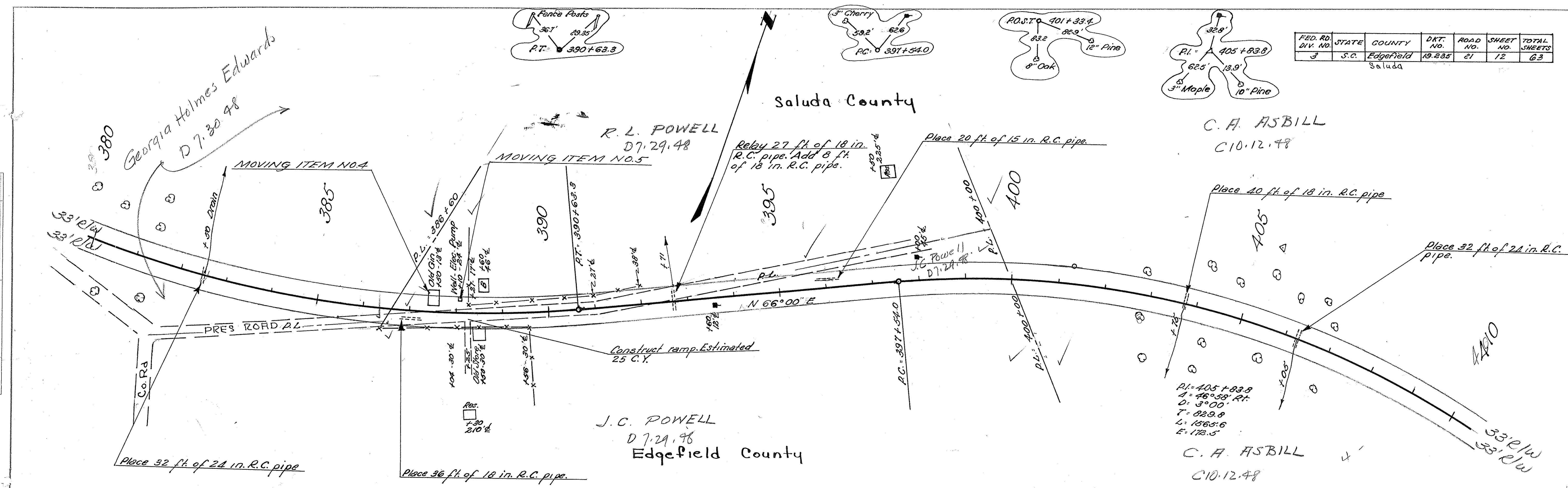


|      |                    |         |
|------|--------------------|---------|
| PLAN | SURVEYED           | DATE    |
|      | NOTED              | BY      |
|      | PLOTTED            | CHECKED |
|      | RT. OF WAY CHECKED |         |

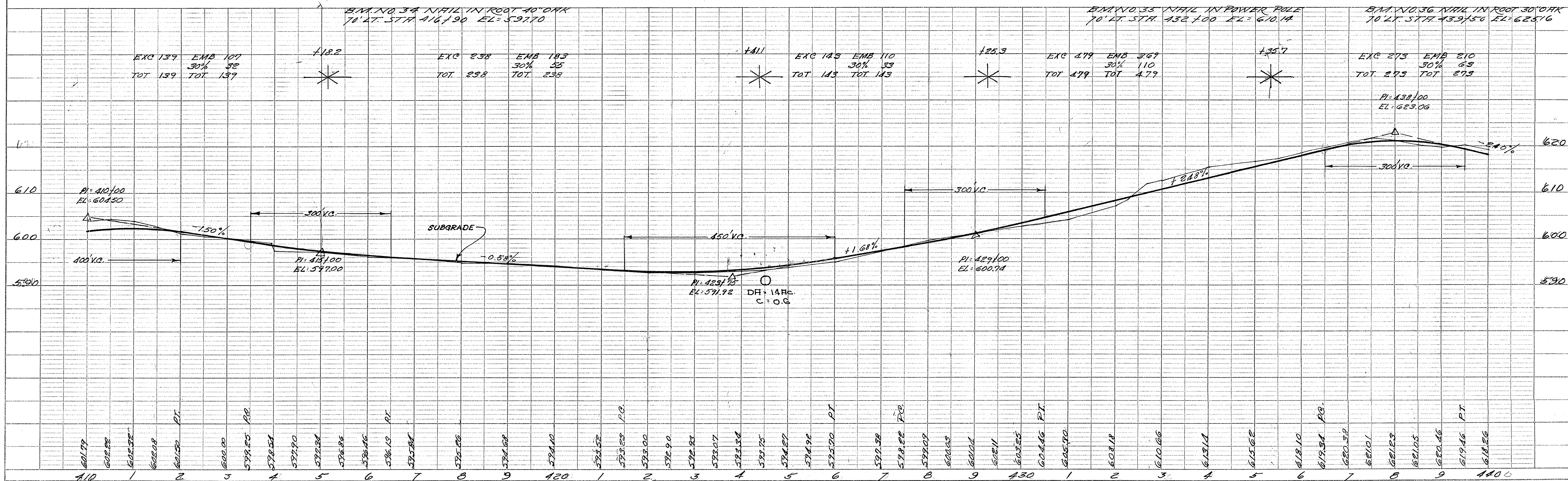
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|---------|-----------------------------|---------|
| PROFILE | SURVEYED                    | DATE    |
|         | NOTED                       | BY      |
|         | GRADES CHECKED              | CHECKED |
|         | STRUCTURE NOTATIONS CHECKED |         |

| FED. RD. DIV. NO. | STATE | COUNTY    | DIST. NO. | ROAD NO. | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|-----------|-----------|----------|-----------|--------------|
| 3                 | S.C.  | Edgefield | 19.235    | 21       | 12        | 63           |

Saluda



| FED. RD.<br>DIV. NO. | STATE | COUNTY    | DKT.<br>NO. | ROAD<br>NO. | SHEET<br>NO. | TOTAL<br>SHEETS |
|----------------------|-------|-----------|-------------|-------------|--------------|-----------------|
| 3                    | S.C.  | Edgefield | 19.235      | 21          | 13           | 63              |
|                      |       | Saluda    |             |             |              |                 |



|           |          |      |
|-----------|----------|------|
| PLAN      | SURVEYED | DATE |
| NOTE BOOK | PLOTTED  | BY   |
| NO.       | NO.      | NO.  |

|           |          |      |
|-----------|----------|------|
| PROFILE   | SURVEYED | DATE |
| NOTE BOOK | PLOTTED  | BY   |
| NO.       | NO.      | NO.  |

| Fed. Rd. Div. No. | STATE | COUNTY    | Docket No. | Road No. | Sheet No. | Total Sheets |
|-------------------|-------|-----------|------------|----------|-----------|--------------|
| 3                 | S.C.  | Edgefield | 19.235     | 21       | 12        | 23           |

