

INDEX OF SHEETS

- Sheet No. 1 Title Sheet
- " 1-A Moving Items
- " 2-2A Typical Sections of Improvement
- " 3 Superelevation Standard
- " 4-14 Plan & Profile
- " 15-63 Cross Sections

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Edgefield Saluda	19,235 Pts. 1 & 2 & 41,240		1231 Rd. 21	1	63

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)

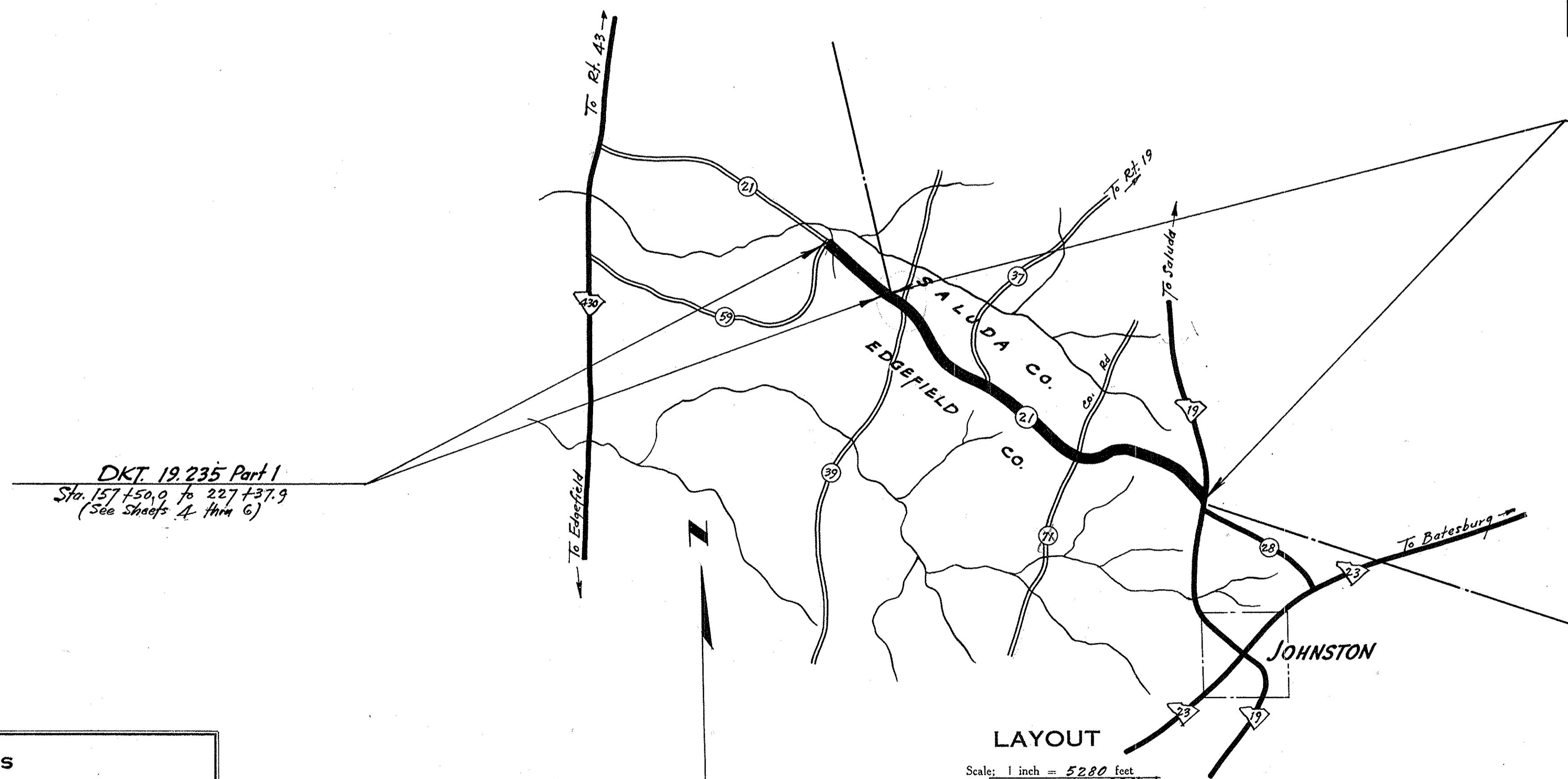
EDGEFIELD - SALUDA COUNTIES

FROM ROAD 59 TO ROUTE 19

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

SUMMARY OF ESTIMATED QUANTITIES

	DKT. 19,235 Pt. 1	19,235 Pt. 2 & 41,240	
EARTHWORK			
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	
BASE COURSE			
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	"
SURFACING			
Bituminous Surfacing (Inverted Penetration with Seal)	14,476	49,180	S.Y.
STRUCTURES			
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	"
INCIDENTALS			
Reset Fences	3765	6640	L.F.
4" Tile Underdrains		200	"



DKT. 19,235 Part 1
Sta. 157+50.0 to 227+37.9
(See Sheets A thru G)

DKTs. 19,235 Part 2 & 41,240
Sta. 227+37.9 to 463+28.0
(See Sheets G thru 14)

LAYOUT

Scale: 1 inch = 5280 feet

	19,235 Pt. 1	19,235 Pt. 2 & 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

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

LEGEND	
PROPOSED PROJECT	-----
OTHER ROADS	-----

APPROVED
9-2-48
S.M. Pearson
STATE HIGHWAY ENGINEER
9/3/48
RECOMMENDED FOR APPROVAL
DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY
APPROVED
DIVISION ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

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.

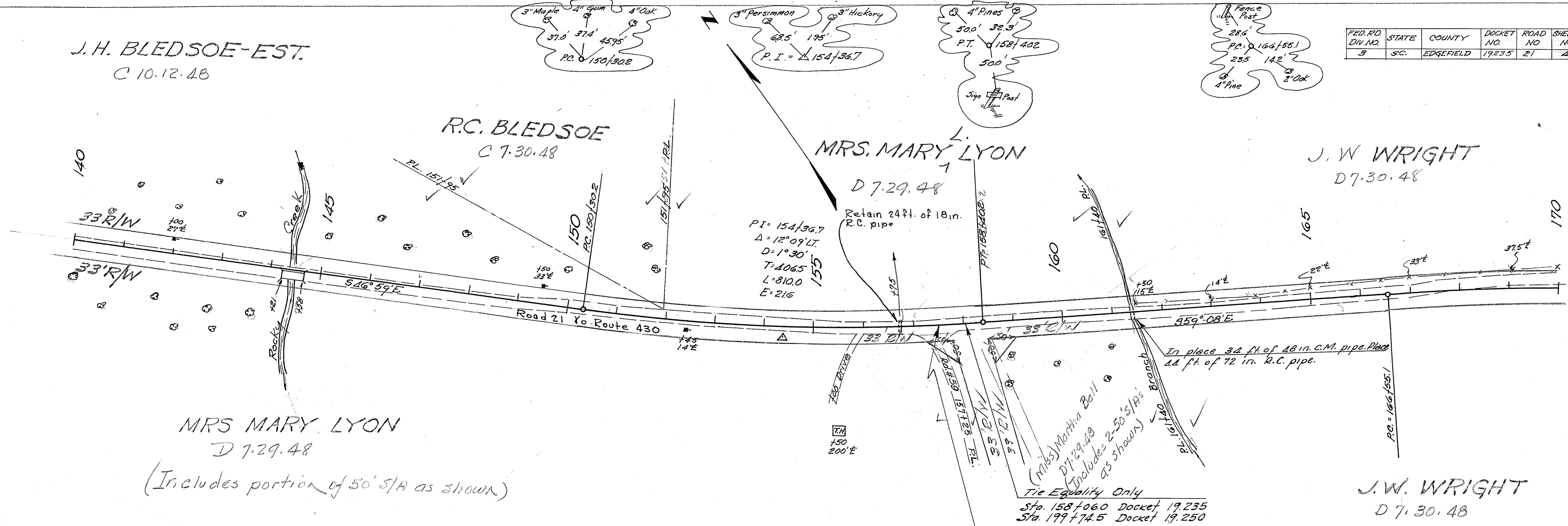
J. H. BLEDSOE-EST.
C 10.12.48

R.C. BLEDSOE
C 7.30.48

MRS. MARY LYON
D 7.29.48

J. W. WRIGHT
D 7.30.48

FED. RD. DIV. NO.	STATE	COUNTY	DOCKET NO.	ROAD NO.	SHEET NO.	TOTAL SHEETS
3	SC.	EDGEFIELD	19235	21	2	63



MRS MARY LYON
D 7.29.48
(Includes portion of 50' S/A as shown)

J.W. WRIGHT
D 7.30.48

GENERAL CONSTRUCTION NOTES:-

Changes involving increased cost of project or changes in alignment must be specifically authorized by the State Highway Engineer. District Engineer may authorize minor alterations not in conflict with the Standard Practices of the Department and not involving increases in cost forward information on any change in alignment to the Columbia Office as soon as the revision is completed.

All curves are to be superelevated for a design speed of 15 M.P.H. by revolving about ϵ as shown on sheet 3. Elevations shown are normal elevations before super-elevation is added.

The cost of all drilling and chipping necessary in extending pipe culverts shall be included in the price bid per linear foot for pipe.

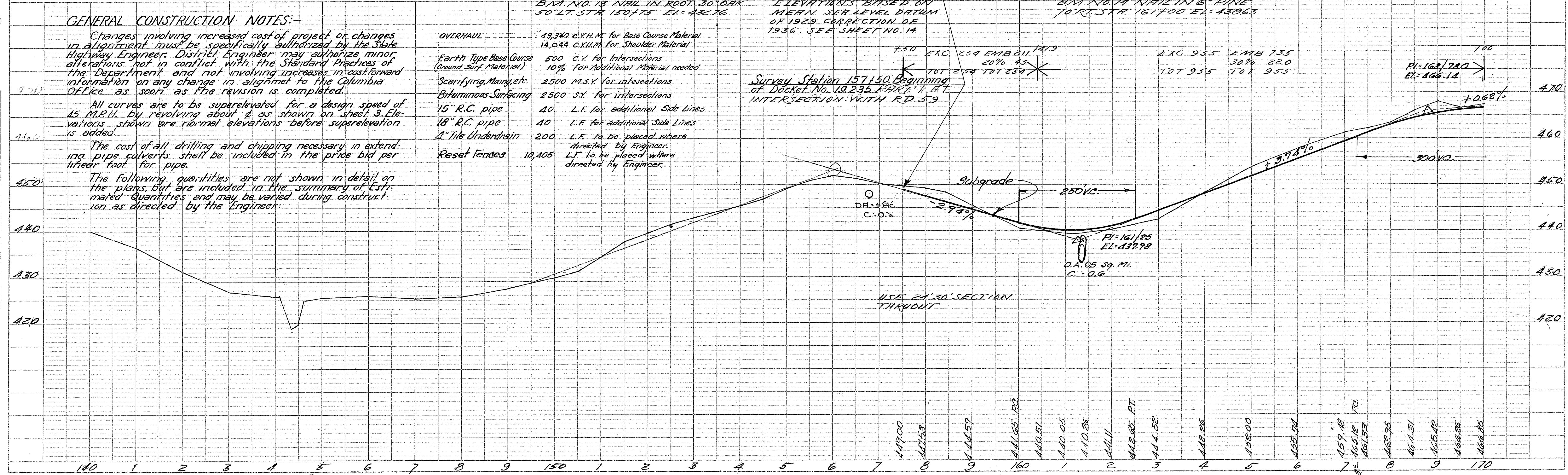
The following quantities are not shown in detail on the plans, but are included in the summary of Estimated Quantities and may be varied during construction as directed by the Engineer.

OVERHAUL	QUANTITY	REMARKS
Earth Type Base Course (Ground Surf Material)	500 C.Y.	for Intersections
Scarifying, Mwing, etc.	2500 M.S.Y.	for intersections
Bituminous Surfacing	2500 S.Y.	for intersections
15" R.C. pipe	40	L.F. for additional Side Lines
18" R.C. pipe	40	L.F. for additional Side Lines
4" Tile Underdrain	200	L.F. to be placed where directed by Engineer.
Reset fences	10,405	L.F. to be placed where directed by Engineer.

B.M. NO. 13 NAIL IN ROOT 30" OAK
50' LT. STA. 150+75 EL=432.76

ELEVATIONS BASED ON MEAN SEA LEVEL DATUM OF 1929 CORRECTION OF 1936. SEE SHEET NO. 14

B.M. NO. 14 NAIL IN 6" PINE
70' RT. STA. 161+00 EL=439.63



PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO. OF WAYS CHECKED
NO.

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO. OF WAYS CHECKED
NO.

19235
Rd. 21
Edgefield Co

FED. RD. DIV. NO.	STATE	COUNTY	DOCKET NO.	ROAD NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	EDGEFIELD	19.235	21	5	63

DATE	BY	PLAN
		SURVEYED
		PLOTTED
		ALIGNMENT CHECKED
		RT/UP W/1 CHECKED
		NO.

DATE	BY	PROFILE
		SURVEYED
		PLOTTED
		GRADES CHECKED
		STRUCTURE NOTATIONS CHECKED
		NO.

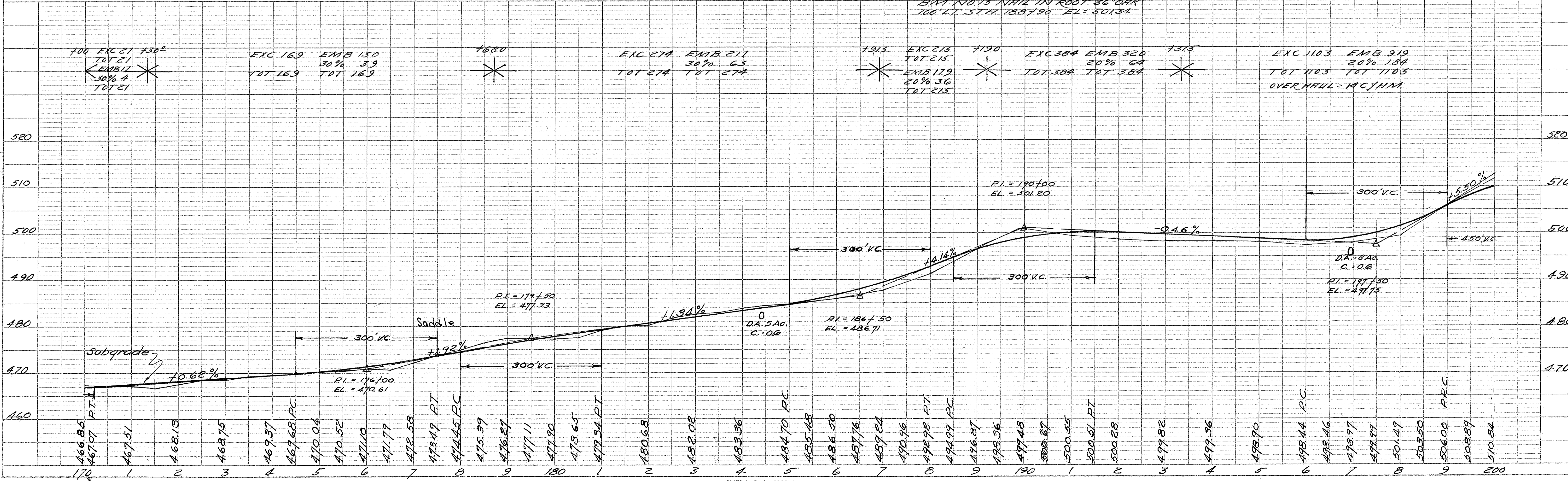
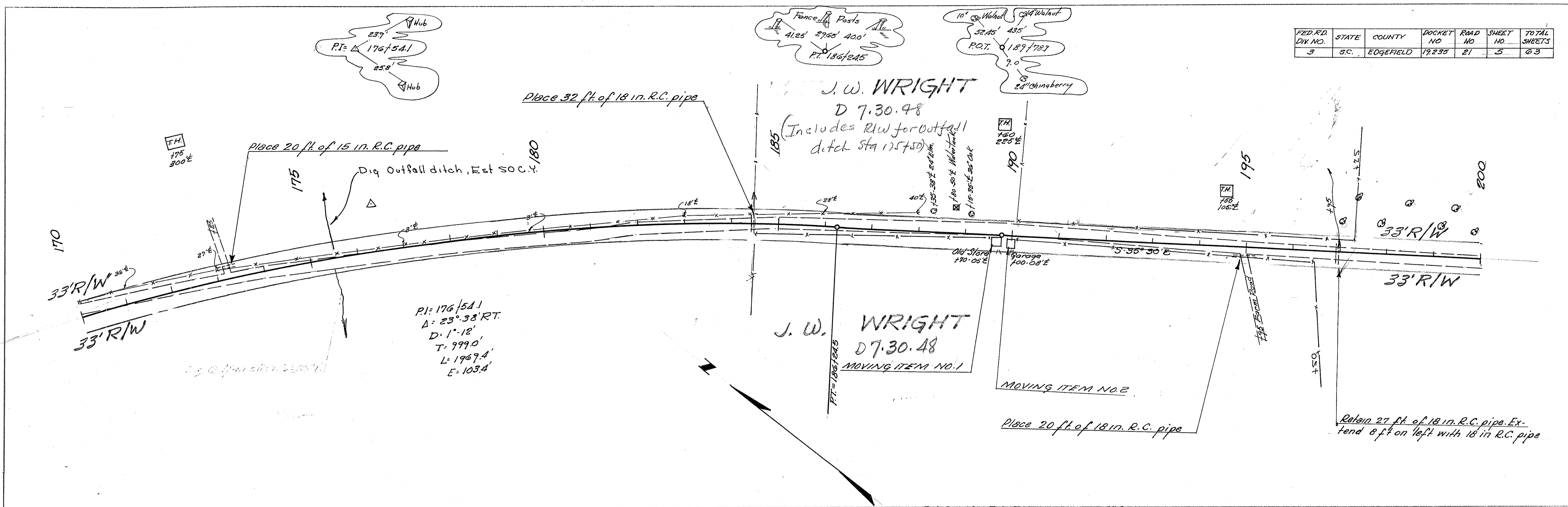


PLATE 1- PLAN-PROFILE O. P. & R. E. STANDARD
CHARLES DRUNING CO. INC., NEW YORK

DKT 19.235
Rd 21
Edgefield Co.

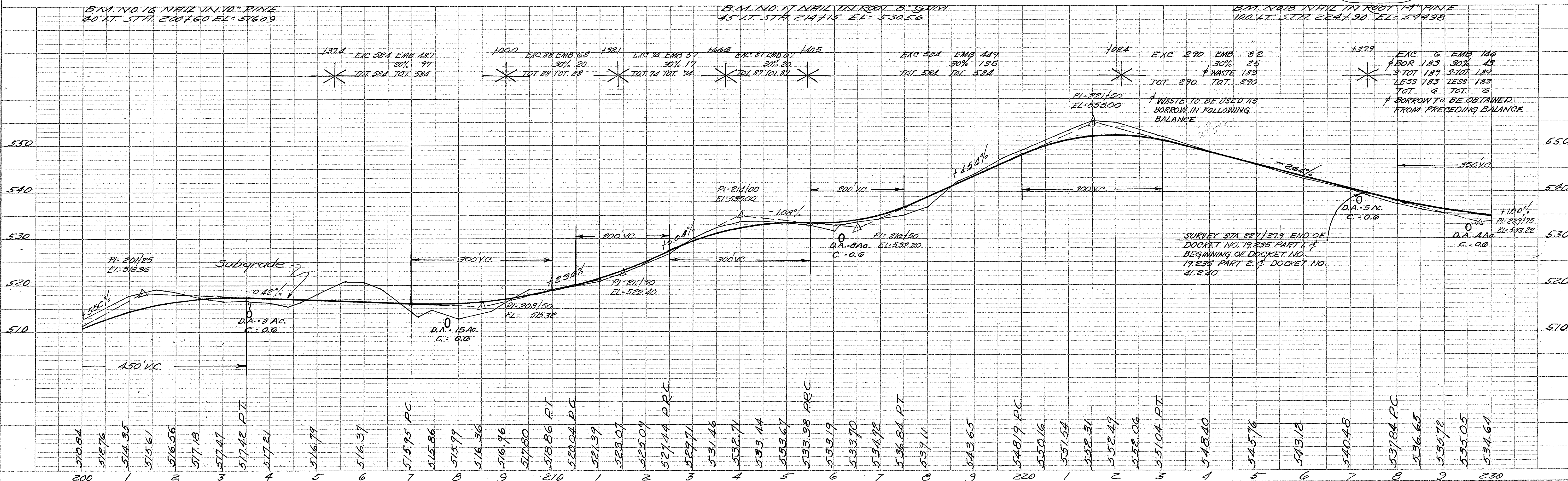
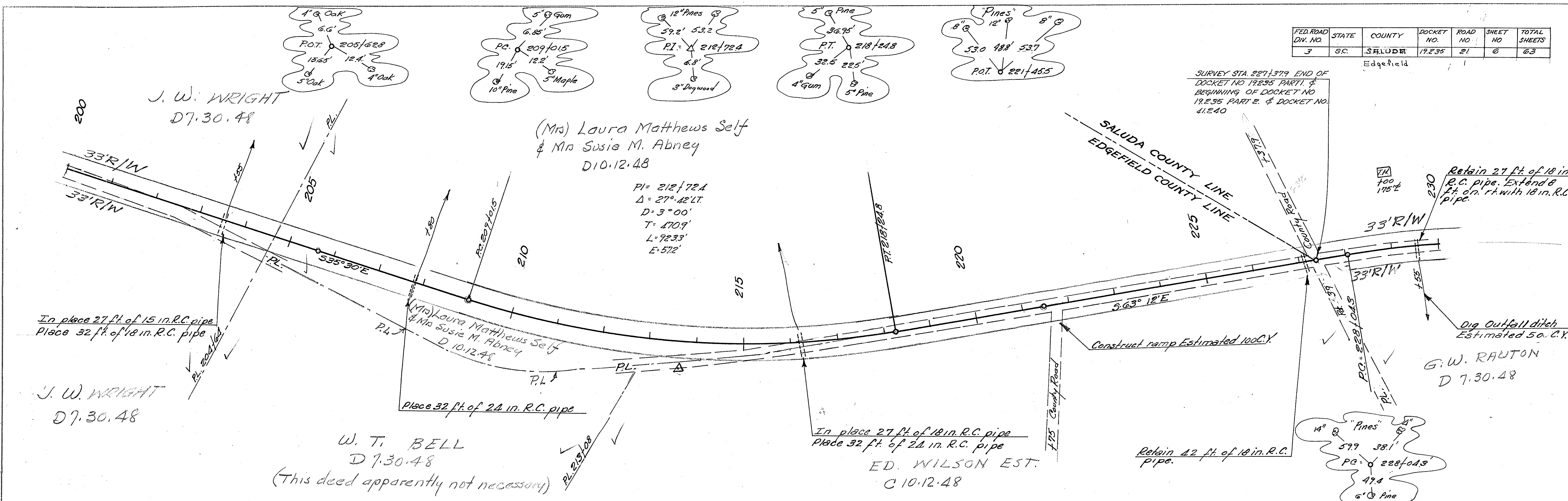
FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	ROAD NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	SALUDA	19,235	21	6	63

Edgefield

SURVEY STA. 221+37.9 END OF DOCKET NO. 19,235 PART 1 & BEGINNING OF DOCKET NO. 19,235 PART 2 & DOCKET NO. 41,240

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	NO. OF WAY CHECKED	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	NO. OF VERTICAL CURVES	



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

Edgefield

PLAN	DATE	BY
REVIEWED		
PLOTTED		
NOTE BOOK		
NO.		

(Mrs) Laura M. Self
& Mrs Susie M. Abney
D 70.12.48

G. W. RAUTON
D 7.30.48

Saluda County

Edgefield County

G. W. RAUTON
D 7.30.48

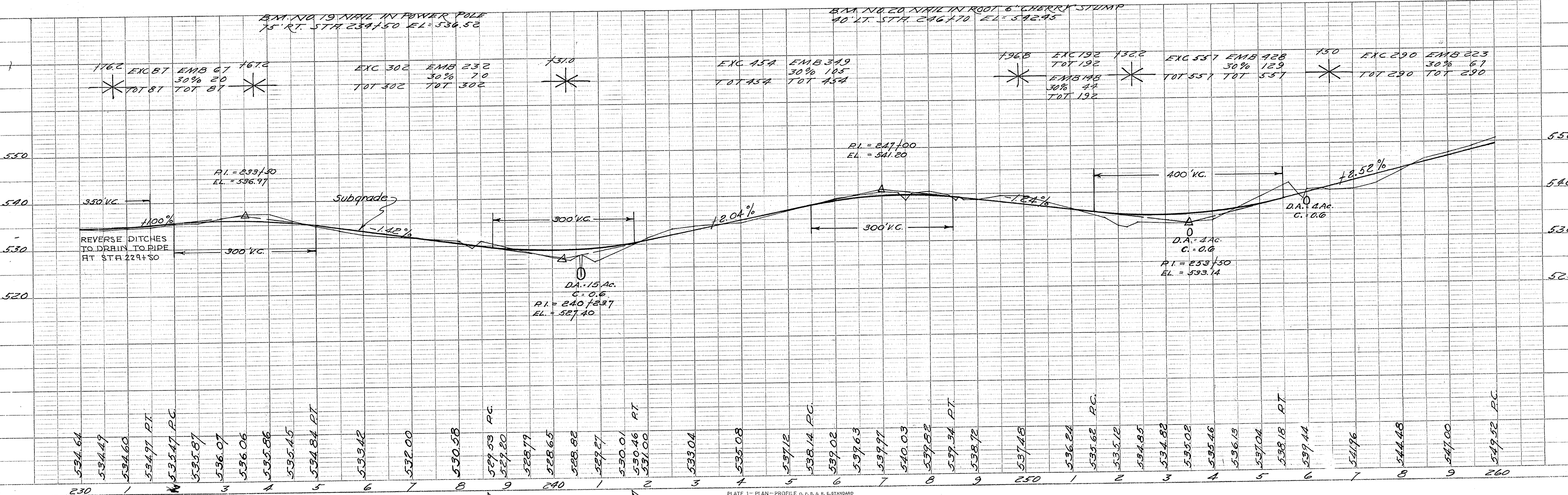
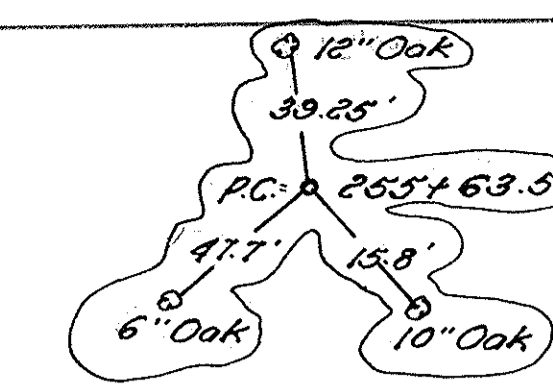
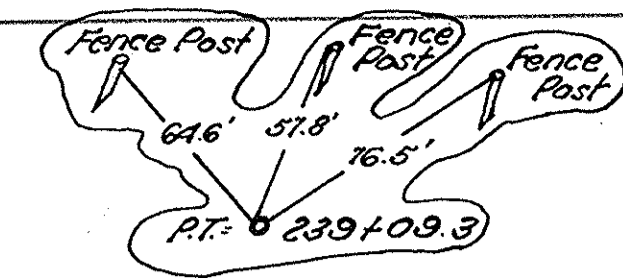
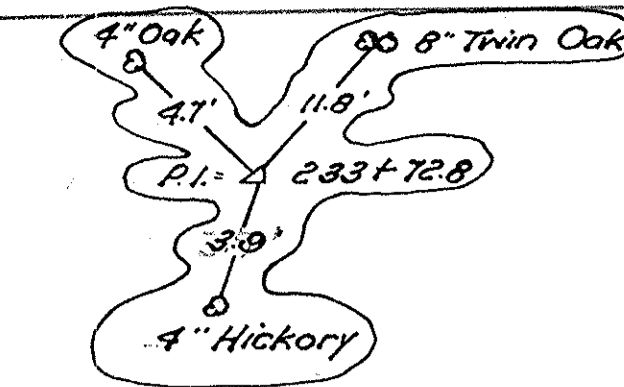
Place 20 ft. of 15 in. R.C. pipe

In place 90 ft. of 36 in. C.M. pipe. Place 52 ft. of 30 in R.C. pipe.

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

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

Construct Co. Rd. Connection. Estimate 200 C.Y.



PROFILE	DATE	BY
REVIEWED		
PLOTTED		
NOTE BOOK		
NO.		

Dkt 19,235
20 21
Edgefield Co

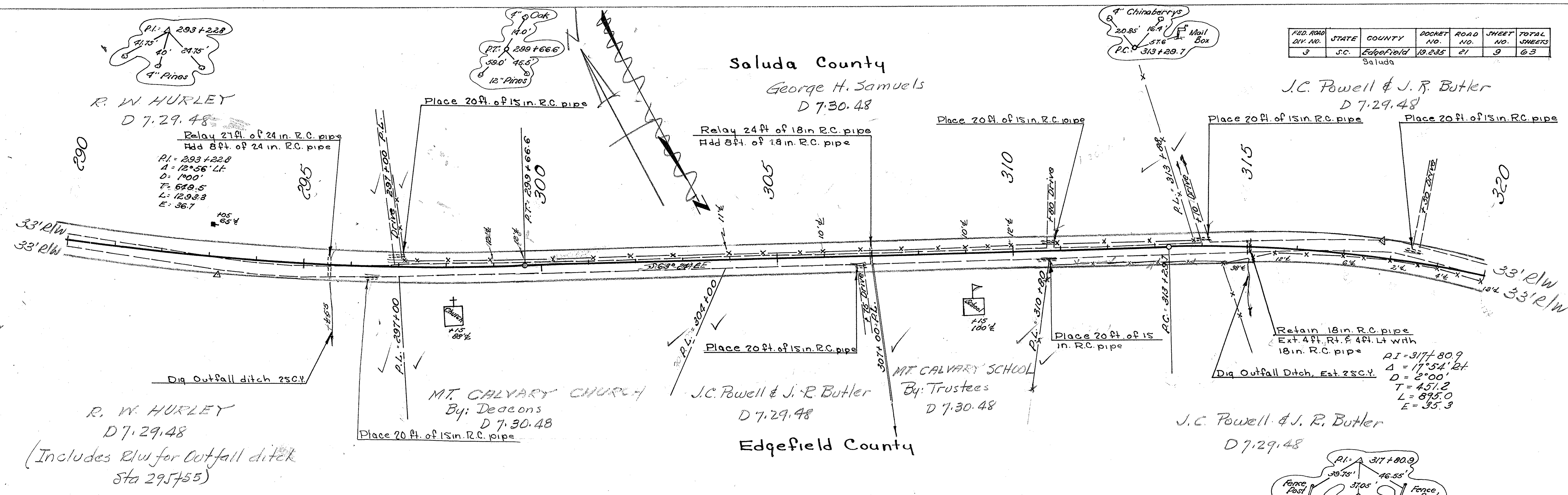
FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	ROAD NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Edgefield	19,235	21	9	63

Saluda County
George H. Samuels
D 7.30.48

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

R. W. HURLEY
D 7.29.48

PLAN	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		



R. W. HURLEY
D 7.29.48

J.C. Powell & J.R. Butler
By: Trustees
D 7.30.48

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

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

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

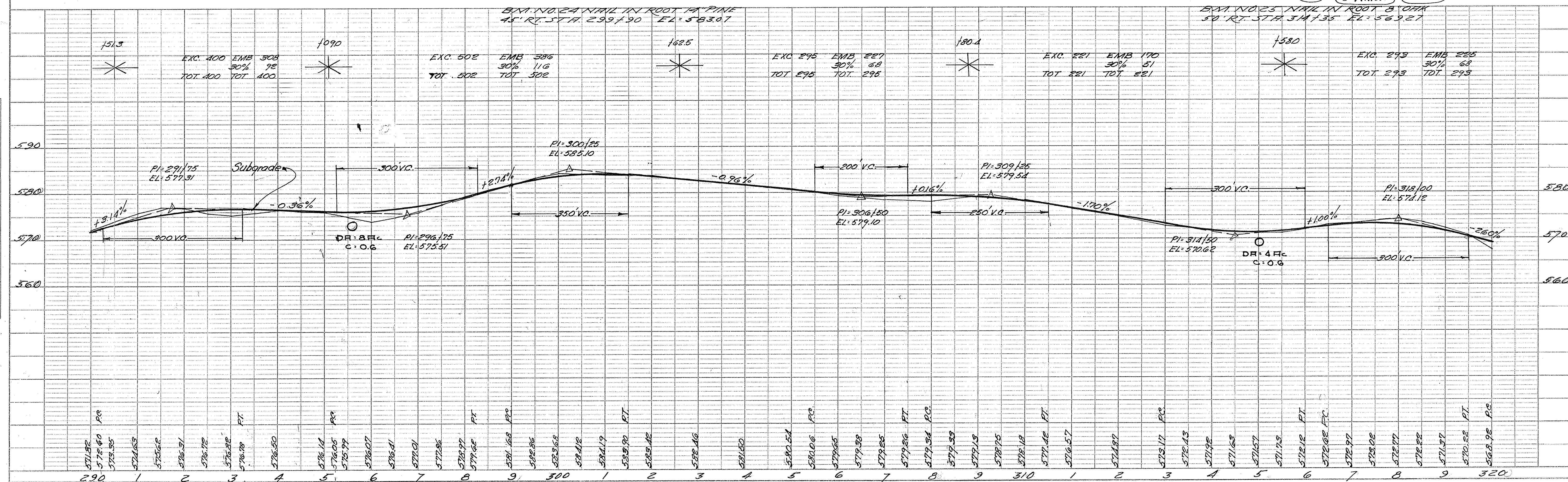


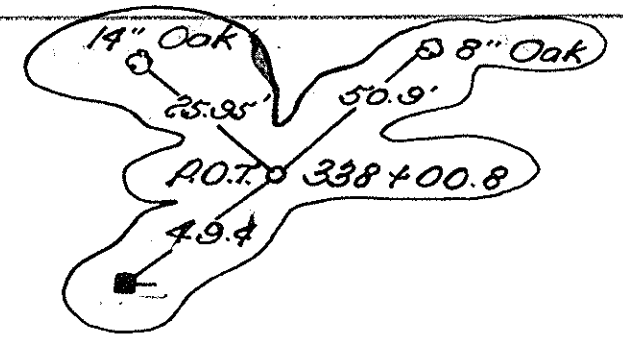
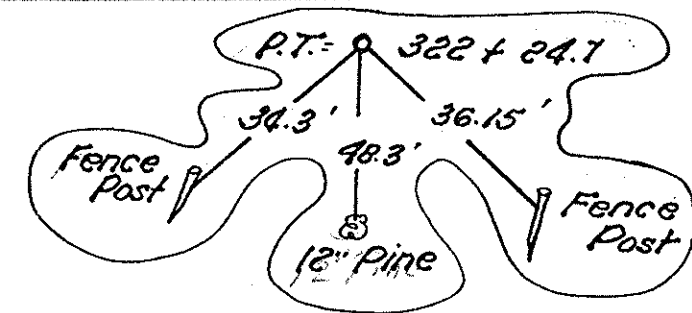
PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
CHARLES BRUNING CO. INC. NEW YORK

DK 19235
Edgefield Co.
Rd 21

11

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

Saluda

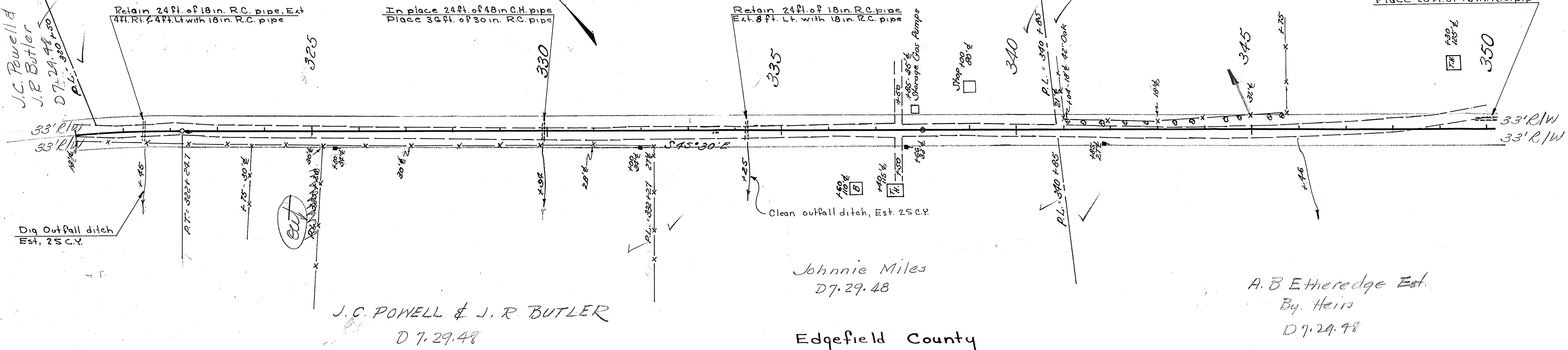


MABEL GEORGE DEAN
D 7. 29. 48

Saluda County

A. B. Etheredge Est.
By: Heirs
D 7. 29. 48

PLAN	NO.	DATE
SURVEYED		
PLOTTED		
CHECKED		
NOTE BOOK		
NO.		



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

PROFILE	NO.	DATE
SURVEYED		
PLOTTED		
CHECKED		
NOTE BOOK		
NO.		

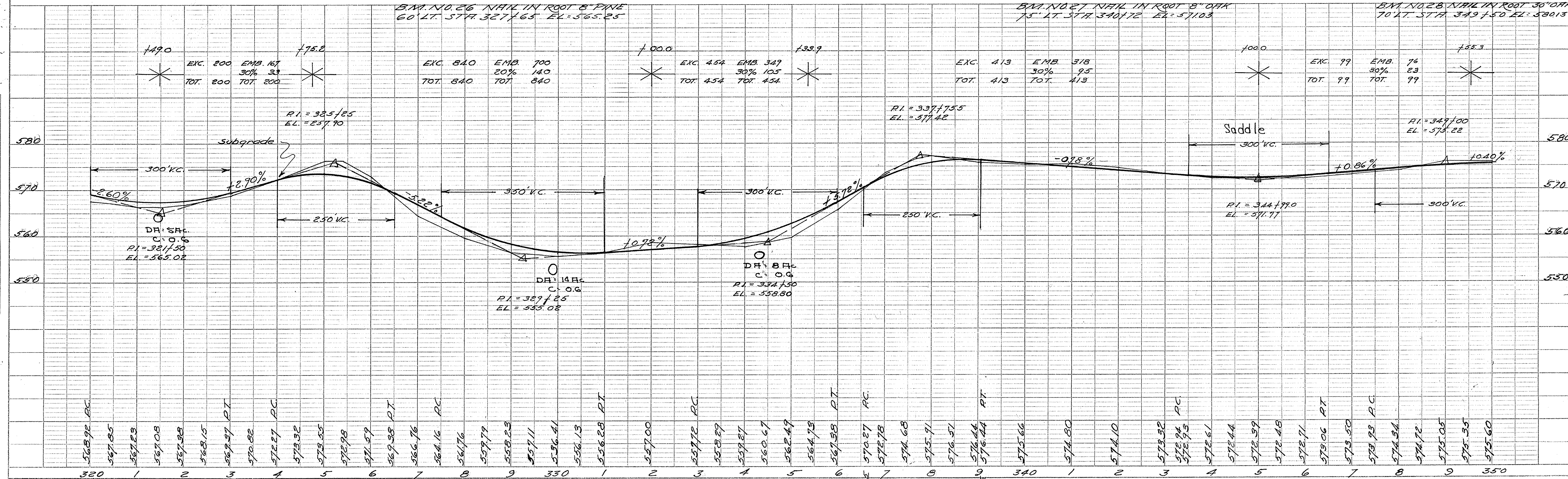


PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
CHARLES BRUNING CO. INC., NEW YORK

DK 19235
Edgefield Co.
Rd. 21

12

FED. RD. DIV. NO.	STATE	COUNTY	DOCKET NO.	ROAD NO.	SHEET NO.	TOTAL SHEETS
3	SC.	Edgefield	19-235	21	11	23

PLAN	SURVEYED	DATE
NO.	BY	

PROFILE	SURVEYED	DATE
NO.	BY	

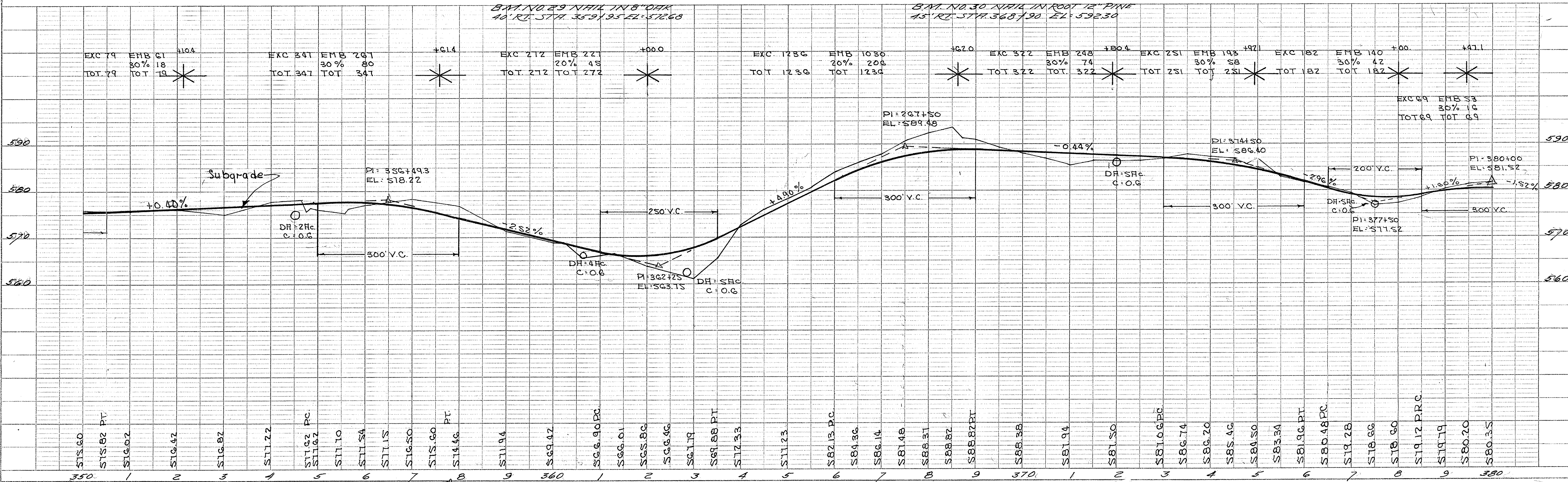
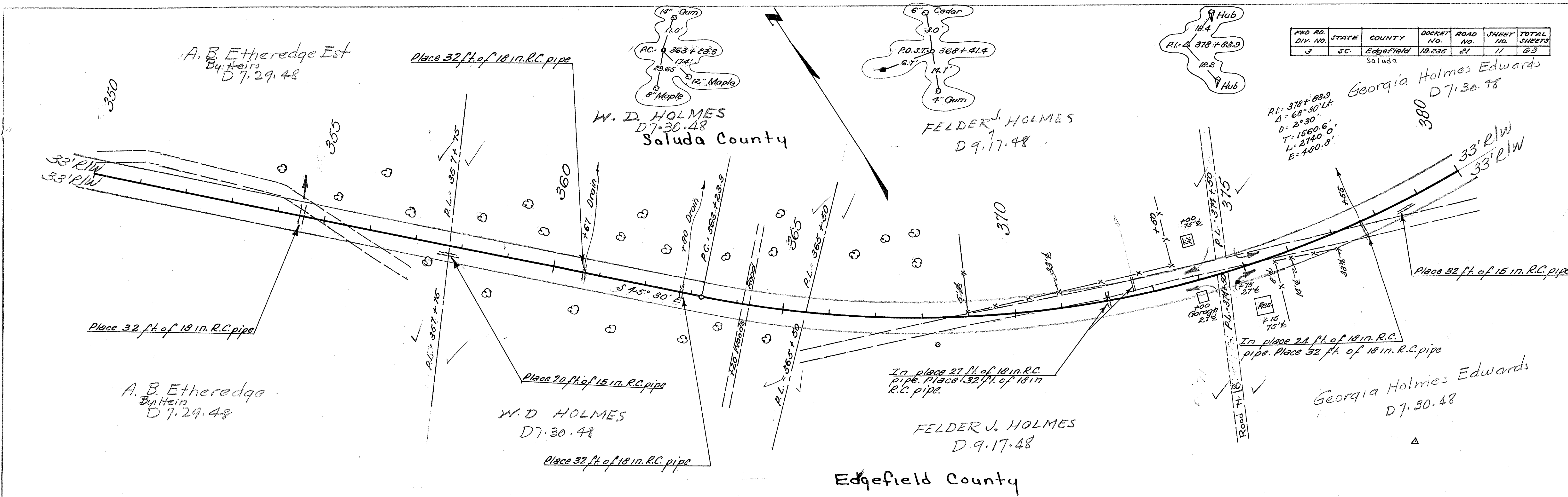


PLATE 1- PLAN-PROFILE O. P. & R. E. STANDARD
CHARLES BRUNING CO. INC., NEW YORK

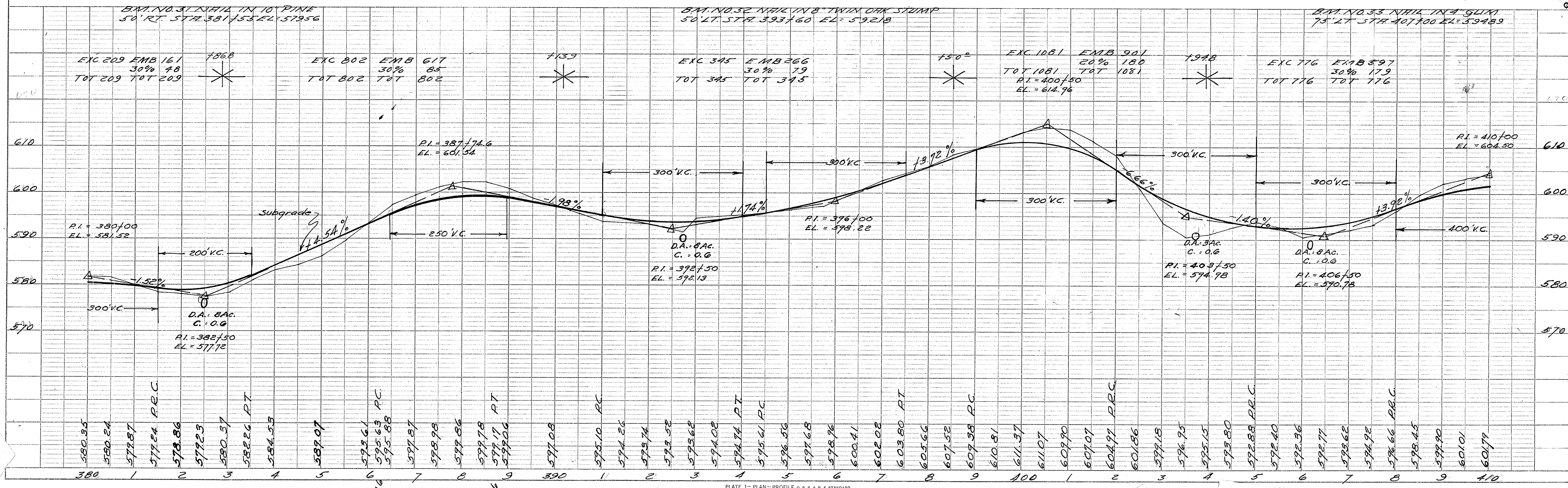
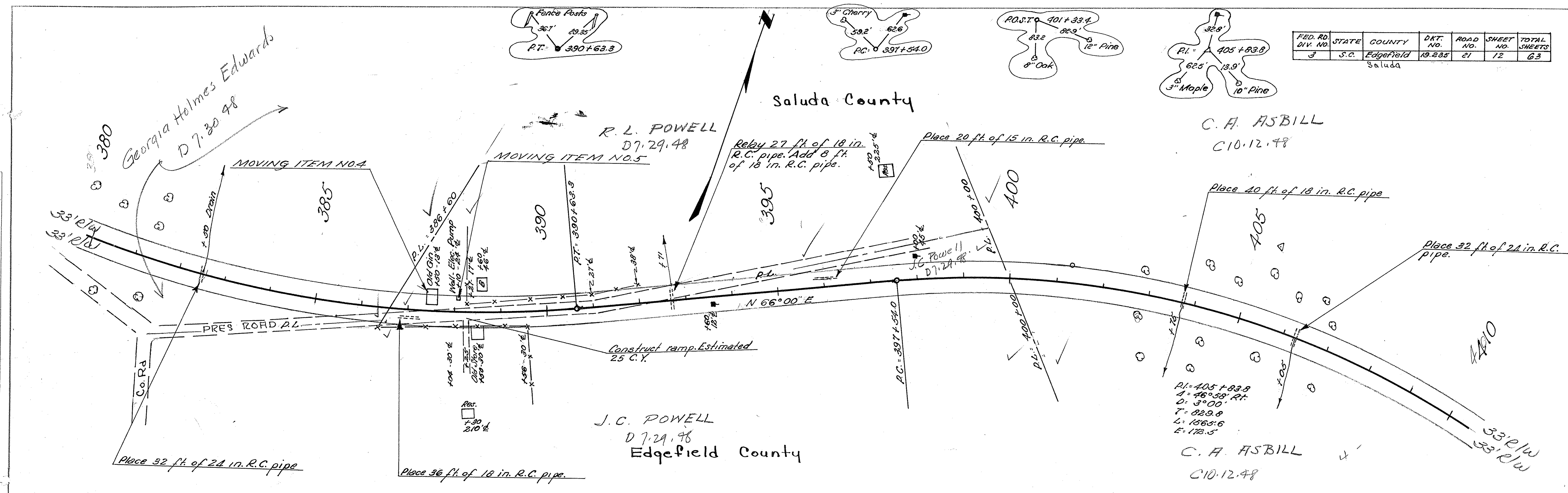
DK 19235
Edgefield Co
Rd. 21
13

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

Saluda

PLAN
 SURVEYED BY
 PLOTTED BY
 CHECKED BY
 RT. OF WAY CHECKED BY
 NO.

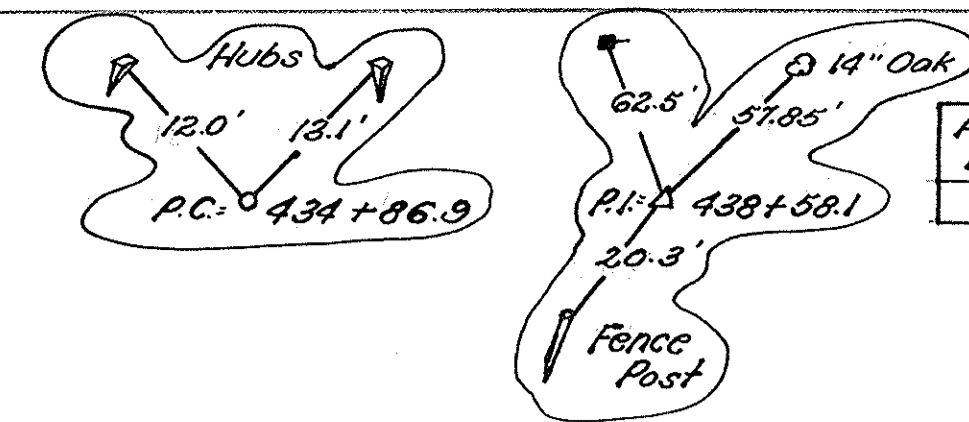
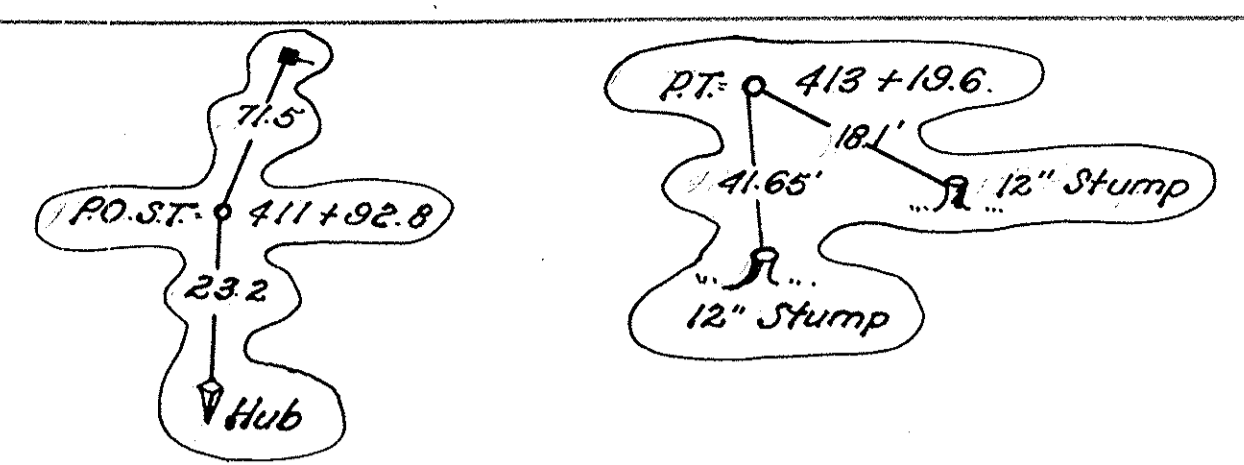
PROFILE
 SURVEYED BY
 NOTE BOOK NO.
 GRADES CHECKED BY
 B.M. NOTED BY
 STRUCTURE NOTATIONS CHECKED BY
 DATE



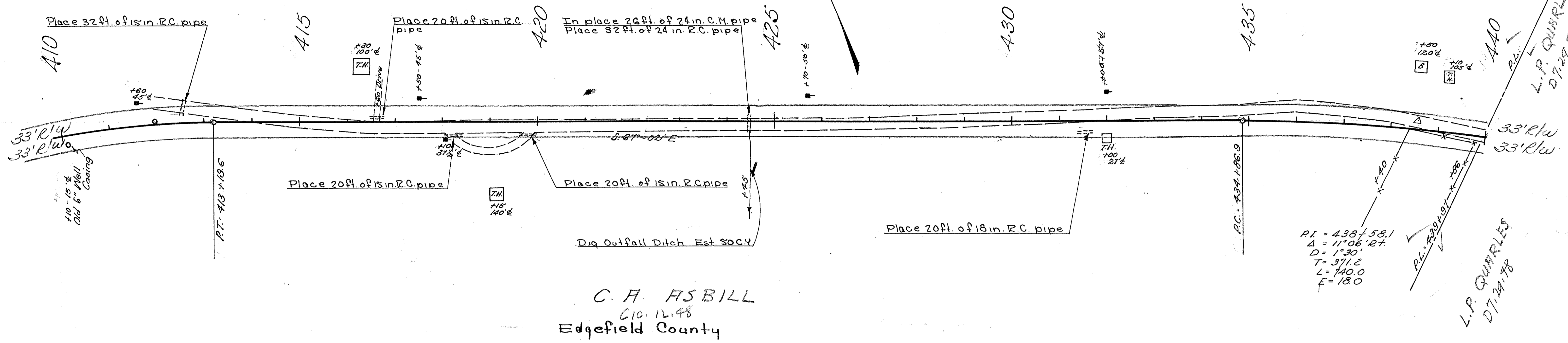
412.492.8
 405.783.8
 71.09

FED. RD. DIV. NO.	STATE	COUNTY	DKT. NO.	ROAD NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Edgefield	19.235	21	13	23

Saluda



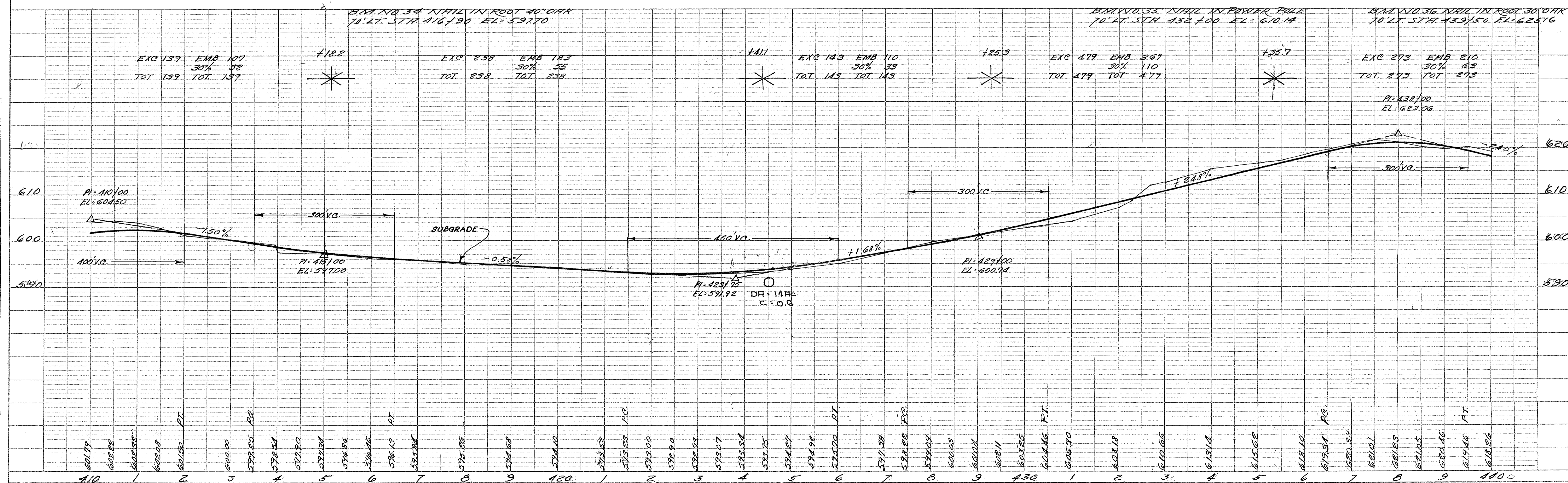
C. A. ASBILL
 C 10.12.48
 Saluda County



C. A. ASBILL
 C 10.12.48
 Edgefield County

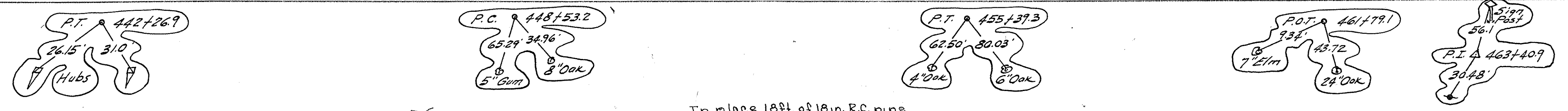
PLAN	SURVEYED	DATE
NOTE BOOK	CHECKED	
NO.	BY	

PROFILE	SURVEYED	DATE
NOTE BOOK	CHECKED	
NO.	BY	



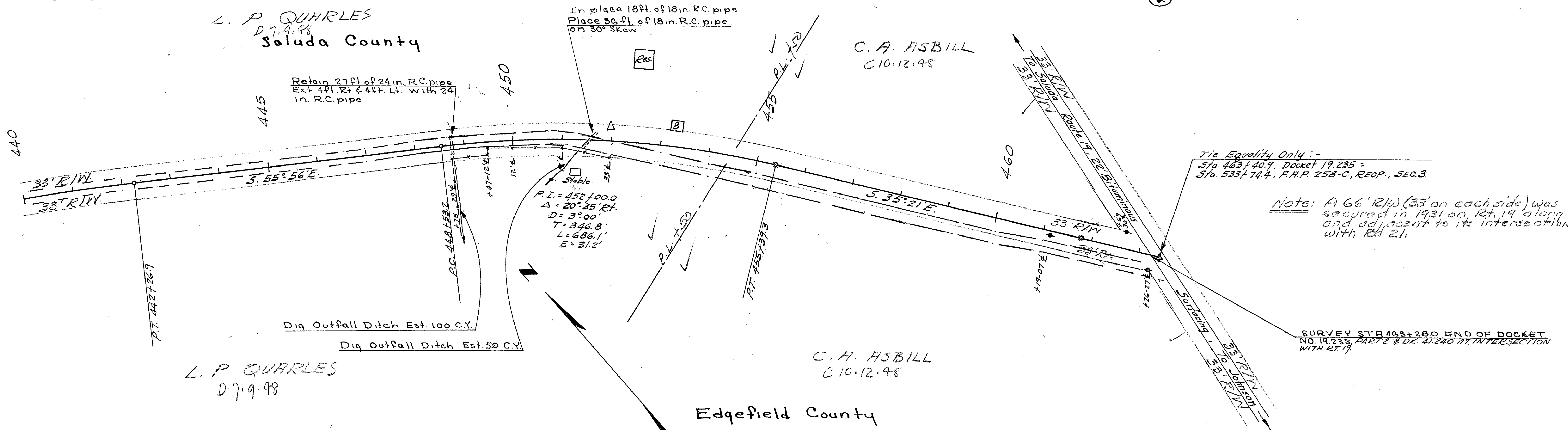
DK. 15 235
 Edgefield Co
 Rd 21

Fed. Rd. Div. No.	STATE	COUNTY	Docket No.	Road No.	Sheet No.	Total Sheets
3	S.C.	Edgefield	19.235	21	12	33



PLAN SURVEYED BY DATE
 NOTE BOOK NO.
 PLOTTED BY
 CHECKED BY
 P.T. OR W.A. CHECKED BY

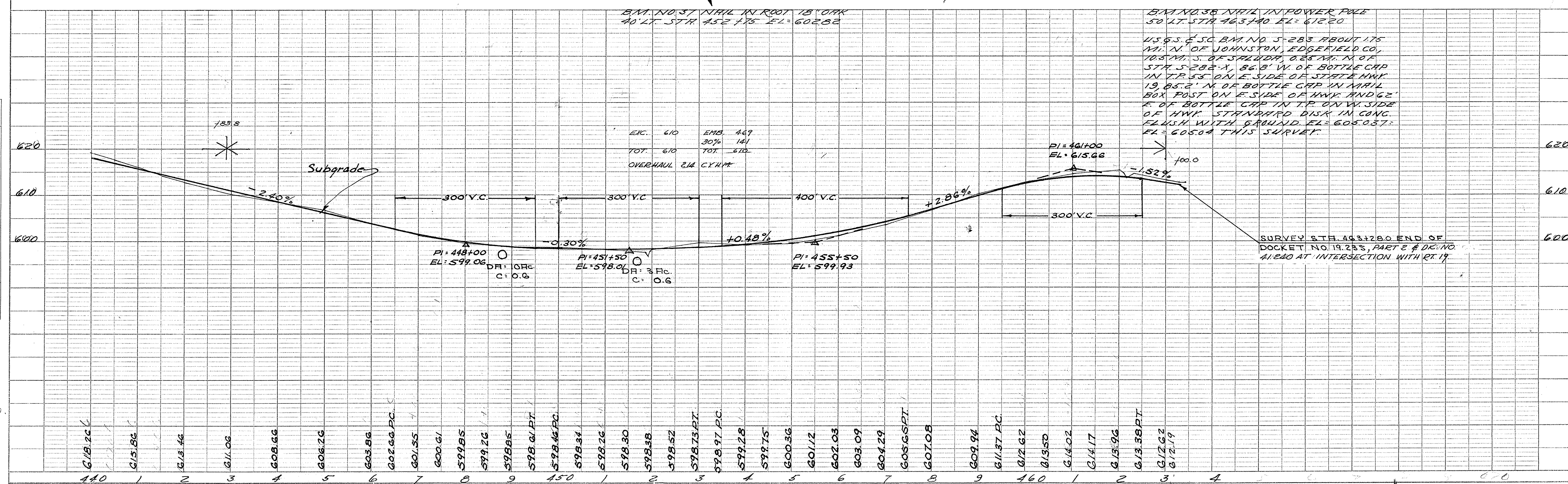
PROFILE SURVEYED BY DATE
 NOTE BOOK NO.
 PLOTTED BY
 CHECKED BY
 STRUCTURE NOTATION CHECKED BY



Tie Equality Only :-
 Sta. 463+40.9, Docket 19.235 -
 Sta. 533+74.4, F.A.P. 258-C, REOP., SEC. 3

Note: A 66' R/W (33' on each side) was secured in 1931 on Rt. 19 along and adjacent to its intersection with Rd. 21.

SURVEY STA 463+280 END OF DOCKET NO. 19.235, PART 2 & DK. 41240 AT INTERSECTION WITH RT. 19



DK. 15 35
 Edgefield Co.
 Rd. 21
 16