

STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS

CONSTRUCTION PLAN FOR GRADING AND BITUMINOUS SURFACING

County State Aid Highway No. 23

Between CSAH. # 19 And CSAH. # 21

A PT. 653.51' E. AND 418.45' N. OF THE S.W. COR. OF SEC. 22, T. 32 N., R. 22 W. To A PT. 653' E. OF THE N.W. COR. OF THE S.W. 1/4 OF THE NE. 1/4 OF SEC. 24, T. 32 N., R. 22 W.
Give proper reference to Sections, Township and Range

GROSS LENGTH 16,237 FEET 3.08 MILES
BRIDGES LENGTH 0 FEET 0 MILES
EXCEPTIONS LENGTH 0 FEET 0 MILES
NET LENGTH 16,237 FEET 3.08 MILES

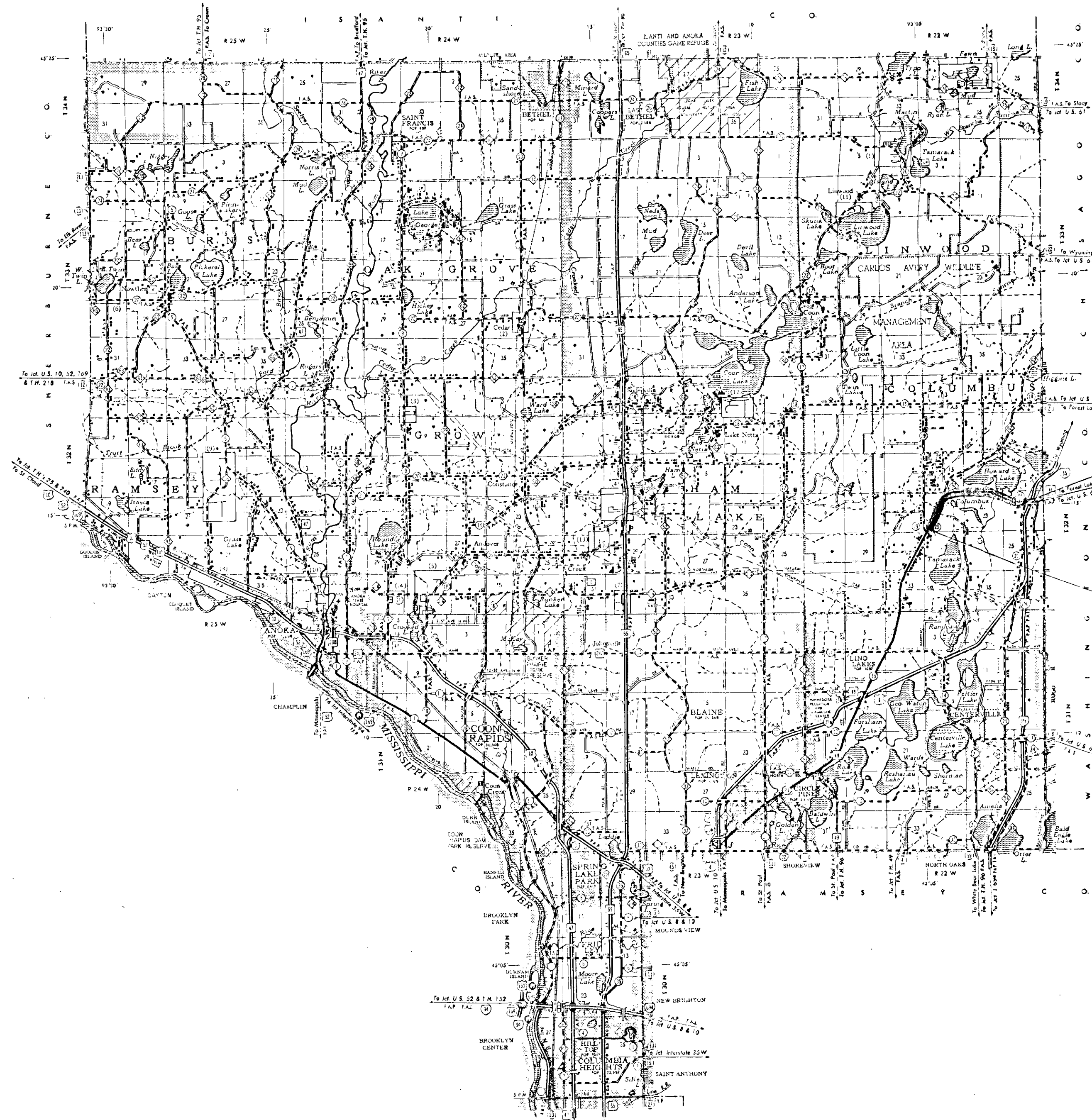
INDEX OF SHEETS

- Sheet No. 1. Title Sheet & Layout Map
- No. 2, 3 & 4. Estimated Quantities & Typical Sec.
- No. 5. Culvert Extension Details
- No. 5 To 9. Plan & Profile
- No. 10 To 35. Cross Section
- No. 36. Road Approach, Profile & Cross Sec.

SCALE: PLAN - 1" = 100'
PROFILE - (HORIZ. - 1" = 100'
VERT. - 1" = 5')
CROSS SECTIONS - 1" = 10'

END PROJECT S.A.P. 02-623-02 C.T.B.
STA. 417+37

BEGIN PROJECT S.A.P. 02-623-02 C.T.B.
STA. 255+00



CONVENTIONAL SIGNS

- STATE LINE
- COUNTY LINE
- TOWNSHIP OR RANGE LINE
- SECTION LINE
- QUARTER LINE
- SIXTEENTH LINE
- RIGHT OF WAY LINE
- PRESUMED RIGHT OF WAY LINE
- CENTRAL ACCESS LINE
- PROPERTY LINE (COVERED LINE)
- VACATED PLATTED PROPERTY
- CORPORATE OR CITY LIMITS
- TRUNK HIGHWAY CENTER LINE
- RETAINING WALL
- RAILROAD
- RAILROAD RIGHT OF WAY LINE
- RIVER OR CREEK
- DRY RUN
- DRAINAGE DITCH
- ELECTRIC POWER LINE
- TELEPHONE OR TELEGRAPH LINE
- JOINT TELEPHONE AND POWER
- CONDUIT
- TELEPHONE CABLE AERIAL
- TELEPHONE CABLE UNDERGROUND
- POWER CABLE UNDERGROUND
- GAS TRAIL
- CONDUIT
- SEWER
- WATER MAIN
- WOODEN PIPE
- CHAIN LINK FENCE
- RAILROAD SNOW FENCE
- STONE WALL OR FENCE
- HEDGE
- WATER PIPE
- SEWER PIPE
- DRAIN TILE
- SPRING
- WELL
- BRIDGE
- BRIDGE
- BRIDGE
- CATCH DAM
- MAN-HOLE
- FIRE HYDRANT
- STREET LIGHT
- RAILROAD CROSSING SIGN
- RAILROAD CROSSING BELL
- ELECTRIC WARNING SIGN
- CROSSING GATE
- CATTLE GUARD
- OVERPASS (Highway Over)
- UNDERPASS (Highway Under)
- BRIDGE
- BUILDING (One Story Frame)
- F FRAME
- S STONE
- T TILE
- B BRICK
- ST STUCCO
- JACK PIPE OR ROD
- MONUMENT (STONE, CONCRETE, OR METAL)
- WOODEN HUB
- GRANITE PIT
- SAND PIT
- BARROW PIT
- ROCK QUARRY
- MEASURER CORNER

DESIGN DESIGNATION

ADT (CURRENT YEAR) 1800
 ADT (FUTURE YEAR) 4000
 T (HEAVY COMMERCIAL) 200
 9 Ton Design Soil Factor 50%
 Design Speed 60 MPH
 Design Speed not achieved at:
 STA. 306+60 TO STA. 316+10 MPH 55
 STA. _____ TO STA. _____ MPH _____

SPECIFICATIONS

THE "STANDARD" SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, DATED JAN. 1, 1972
AS AMENDED BY "SUPPLEMENTAL SPECIFICATIONS", DATED APRIL 1, 1976 SHALL GOVERN.

ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES WILL BE COMPLIED WITH, IN THE CONSTRUCTION OF THIS PROJECT.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Paul K. Rued COUNTY ENGINEER DATE *Aug. 27, 1975*

ANOKA COUNTY REG. NO. 6549

RECOMMENDED FOR APPROVAL *C. E. ...* DISTRICT STATE AID ENGINEER

RECOMMENDED FOR APPROVAL *D. ...* STATE AID PLANS & SPEC. ENGINEER

APPROVED *...* STATE AID ENGINEER

Minn. Proj. No. _____ County Proj. No. _____
State Proj. No. _____ S.A.P. 02-623-02 C.T.B.

STATEMENT OF ESTIMATED QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	TOTAL FINAL QUANTITIES
2031.503	FIELD LABORATORY TYPE D	EACH	1	
2101.501	CLEARING	ACRE	2.80	
2101.502	CLEARING	TREE	40	
2101.505	GRUBBING	ACRE	2.80	
2101.507	GRUBBING	TREE	39	
2104.501	REMOVE CULVERT PIPE	LIN. FT.	174	
2104.501	REMOVE INTEGRANT CURB	LIN. FT.	9,895	
2104.502	REMOVE CONCRETE DRAINAGE FLUMES	EACH	23	
2104.521	SALVAGE PIPE CULVERT	LIN. FT.	1,152	
2104.521	SALVAGE FENCE	LIN. FT.	3,494	
0557.604	INSTALL FENCE	LIN. FT.	3,172	
2105.501	COMMON EXCAVATION (P)	CU. YD.	33,435	
2105.521	GRANULAR BORROW (E.V.)	CU. YD.	11,051	
2130.501	WATER	M - GALLON	200	
2211.501	AGGREGATE BASE CLASS 5	TON	13,920	
2331.504	BITUMINOUS MATERIAL FOR MIXTURE	TON	380	
2331.510	BINDER COURSE MIXTURE	TON	6,900	
2331.512	LEVELING COURSE MIXTURE	TON	700	
2341.504	BITUMINOUS MATERIAL FOR MIXTURE	TON	470	
2341.508	WEARING COURSE MIXTURE	TON	7,250	
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	6,500	
2411.503	STRUCTURAL CONCRETE (P)	CU. YD.	96	
2501.511	15" C.M. PIPE CULVERT	LIN. FT.	1,312	
2501.511	8" C.M. PIPE CULVERT	LIN. FT.	112	
2501.511	18" C.M. PIPE CULVERT	LIN. FT.	34	
2501.511	24" R.C. PIPE CULVERT CL. 4	LIN. FT.	240	
2501.511	36" R.C. PIPE CULVERT CL. 4	LIN. FT.	50	
2501.515	15" C.M. PIPE APRONS	EACH	82	
2501.515	18" C.M. PIPE APRONS	EACH	4	
2501.515	48" C.M. PIPE APRONS	EACH	2	
2501.515	24" R.C. PIPE APRONS	EACH	10	
2501.515	36" R.C. PIPE APRONS	EACH	2	
2501.571	INSTALL 15" C.M. PIPE CULVERT	LIN. FT.	198	
2575.501	ROADSIDE SEEDING	ACRE	25	
2575.502	SEED MIXTURE NO. 5	POUND	1,250	
2575.505	SODDING	SQ. YD.	14,117	
2575.511	MULCH MATERIAL TYPE - I	TON	50	
2575.519	DISC ANCHORING	ACRE	25	
2575.531	COMMERCIAL FERTILIZER ANALYSIS 10 - 10 - 10	TON	6	

- ① INCLUDES 8,333 CU. YD. TOPSOIL TO BE SALVAGED & SPREAD ON SLOPES
- ② FOR DUST CONTROL
- ③ INCLUDES 1,465 TON FOR ENTRANCES & ROAD APPROACHES
- ④ INCLUDES 170 TON FOR ROAD APPROACHES
- ⑤ INCLUDES 160 TON FOR ROAD APPROACHES & 540 TON FOR ENTRANCES
- ⑥ FOR EXTENDING CONC. BOX CULVERT AT STA. 374+29 & 387+86

BASIS OF PLANNED QUANTITIES

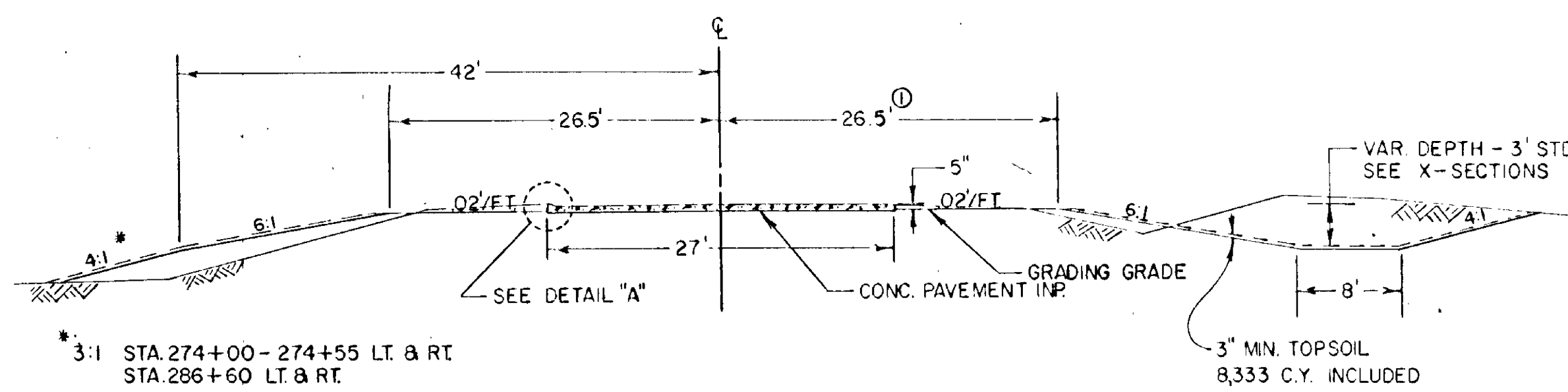
- 2211 AGGREGATE BASE CL. 5, 145 LBS. PER CU. FT. COMPACTED
- 2331 PLANT MIXED BINDER COURSE
BITUMINOUS MIXTURE 165 LBS./ S.Y. PER 1 1/2" THICKNESS
BITUMINOUS MATERIAL FOR MIXTURE 5% BY WT.
- 2341 PLANT MIXED WEARING COURSE
BITUMINOUS MIXTURE 165 LBS./ S.Y. PER 1 1/2" THICKNESS
BITUMINOUS MATERIAL FOR MIXTURE 6.5% BY WT.
- 2357 BITUMINOUS MATERIAL FOR TACK COAT 0.05 GAL./ S.Y.

The following Standard Plates, approved by the Federal Highway Administration, shall apply on this project.

PLATE NO.	DESCRIPTION
0002 A	SPECIFICATION REFERENCE TO STANDARD PLATES
3004 B	REINFORCED CONCRETE PIPE
3006 A	GASKET JOINT FOR R.C. PIPE
3065 A	C.M. EXTENSION FOR BOX CULVERT
3040 D	CORRUGATED METAL PIPE
3100 F	CONCRETE APRON FOR REINFORCED CONCRETE PIPE
3123 F	METAL APRON FOR C.M. PIPE
3145 A	CONCRETE PIPE JOINT TIES
8000 F	STANDARD BARRICADES
9000 B	APPROACHES AND ENTRANCES
9101 B	SHAPING & SODDING OF SLOPES AT BOX CULVERTS
9102 C	SODDING AT PIPE CULVERT ENDS

NOTE: ALL DIMENSIONS NOMINAL

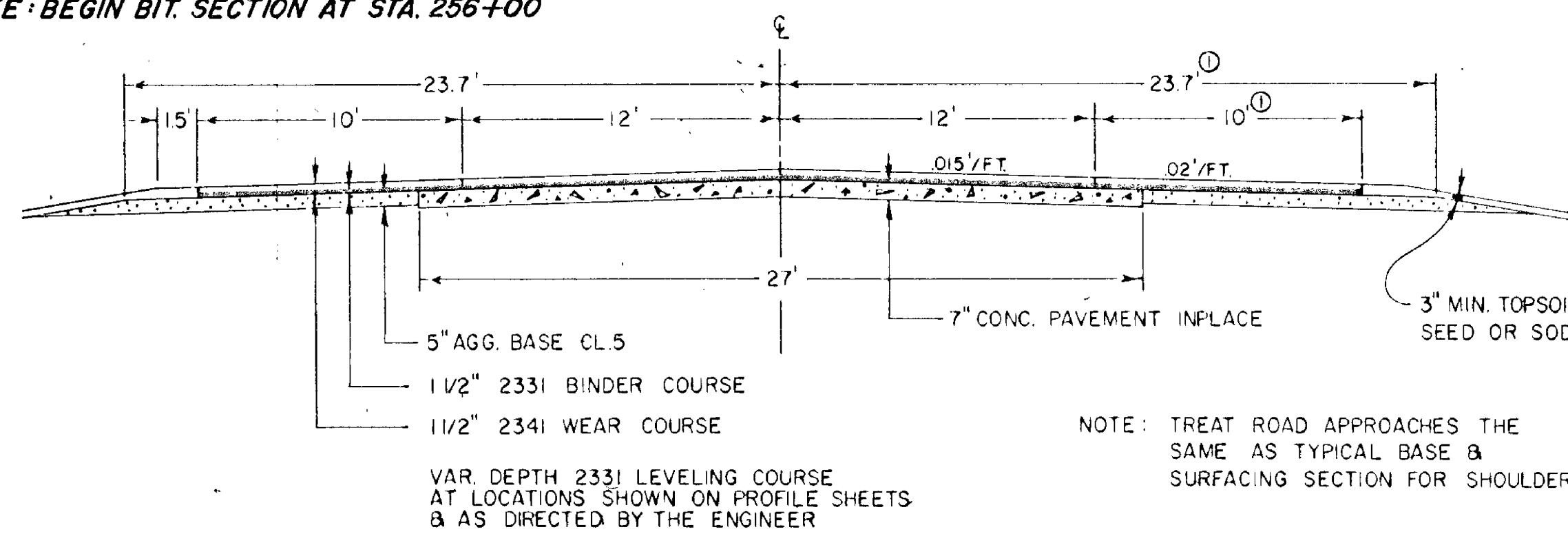
TYPICAL GRADING SECTION



① 2' WIDER AT RT TURN LANES
RT 274+85 TO 275+30
LT 311+70 TO 315+15
RT 413+70 TO 417+15

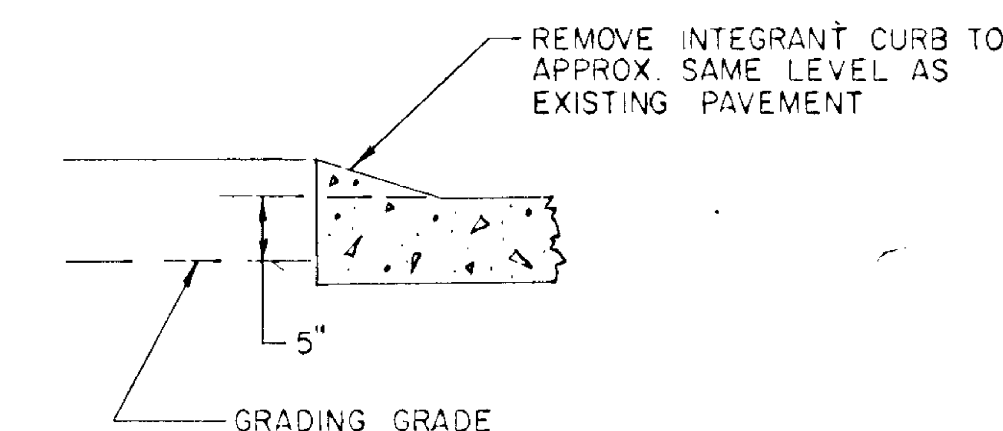
TYPICAL BASE & SURFACING SECTION

NOTE: BEGIN BIT. SECTION AT STA. 256+00



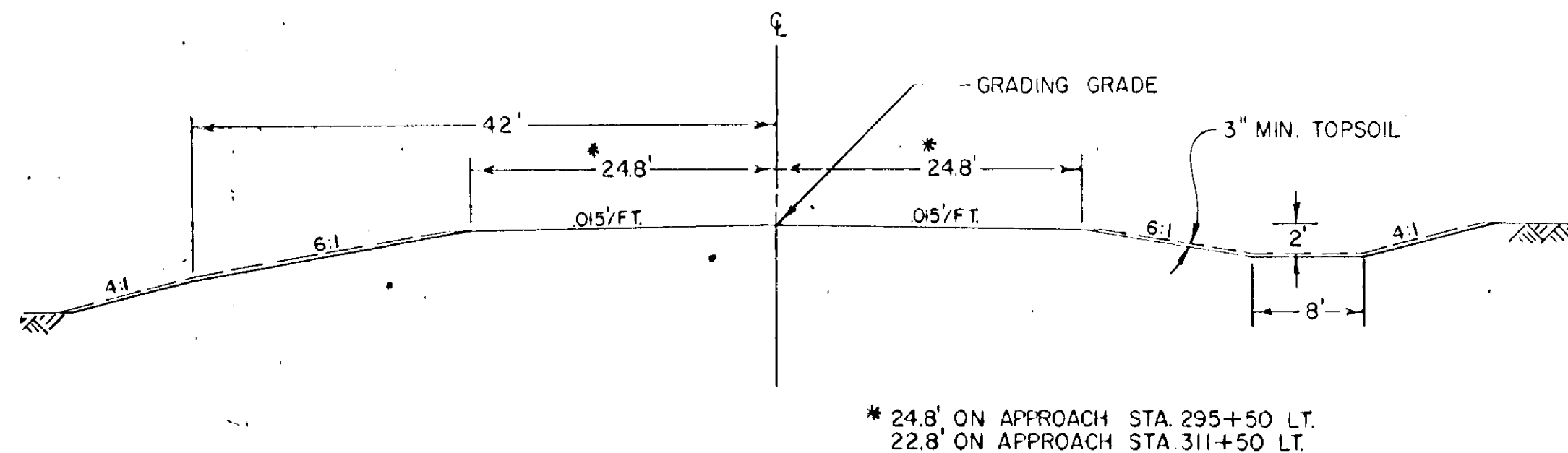
NOTE: TREAT ROAD APPROACHES THE SAME AS TYPICAL BASE & SURFACING SECTION FOR SHOULDERS.

DETAIL "A"

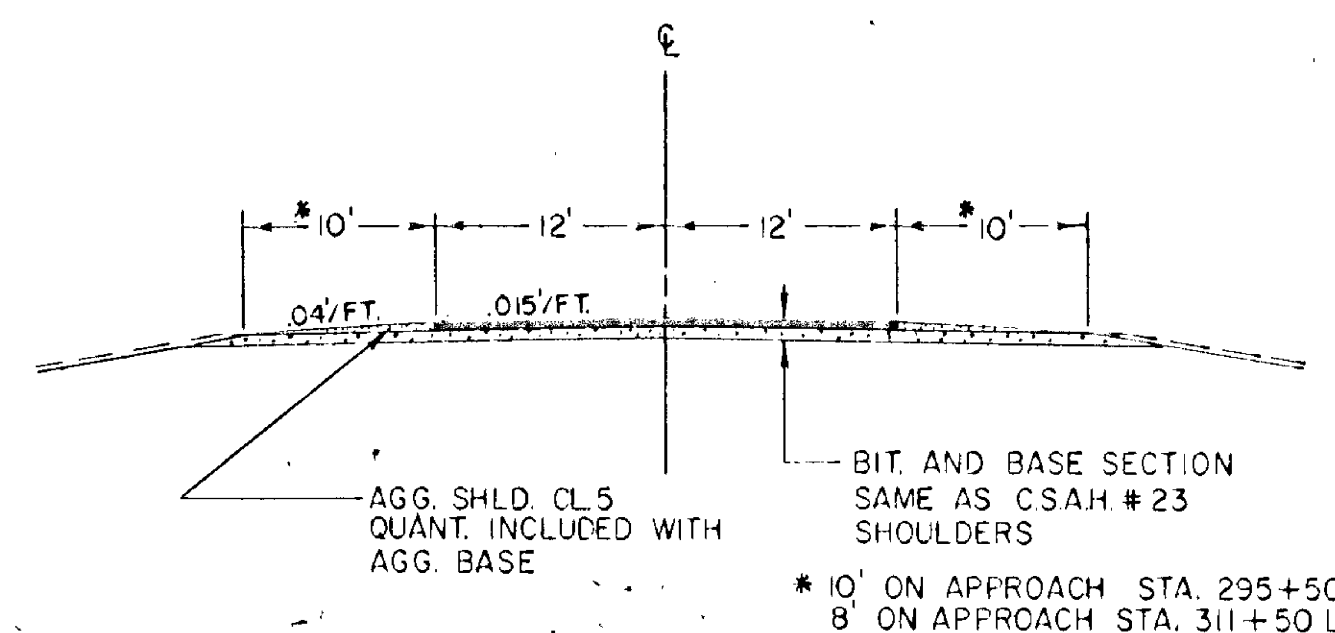


STATION	LOCATION	LIN. FT.
268+75 - 276+53	LT.	778
278+12 - 283+23	RT.	511
288+67 - 301+44	RT.	1,277
304+95 - 317+47	RT.	1,252
325+00 - 332+75	LT. & RT.	1,590
345+75 - 355+45	LT. & RT.	1,940
360+32 - 368+80	RT.	848
394+31 - 407+15	LT.	1,284
403+00 - 407+15	RT.	415
	TOTAL	9,895

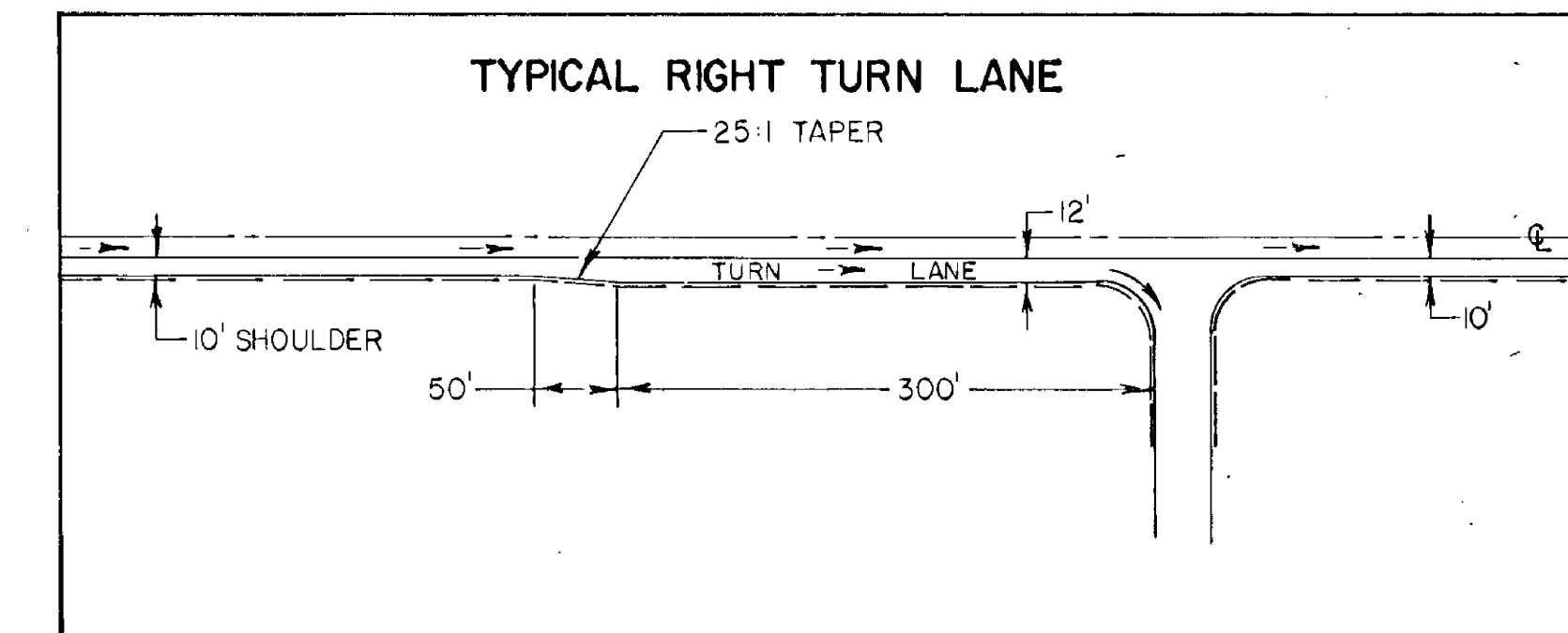
TYPICAL GRADING SECTION ROAD APPROACH

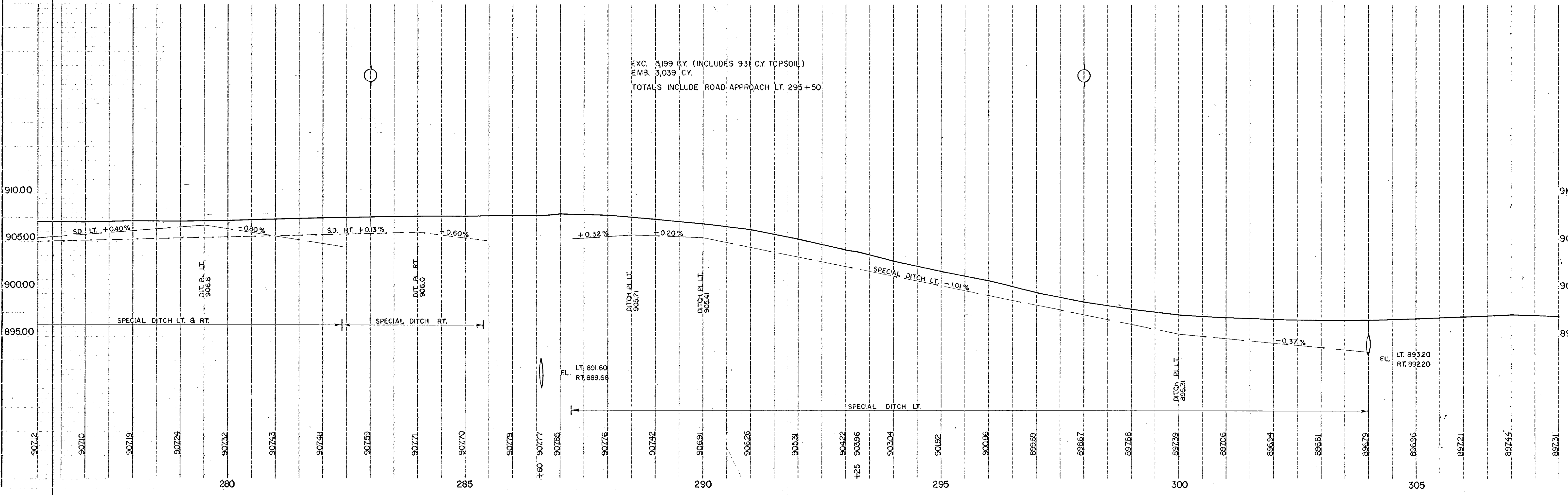
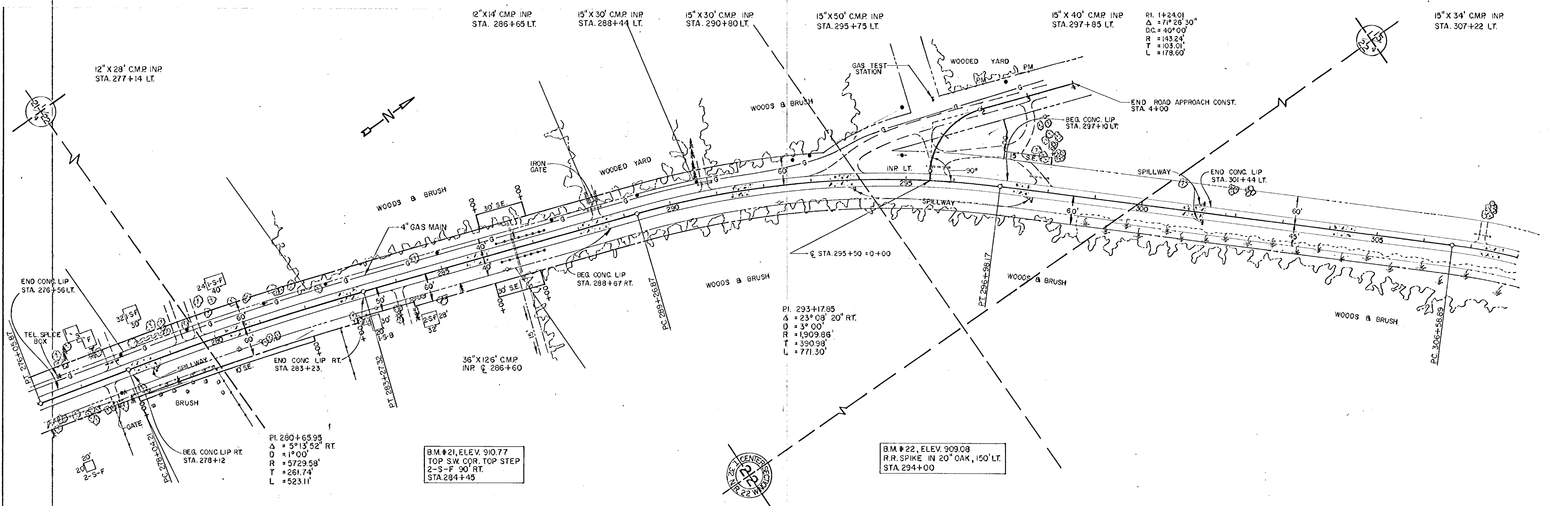


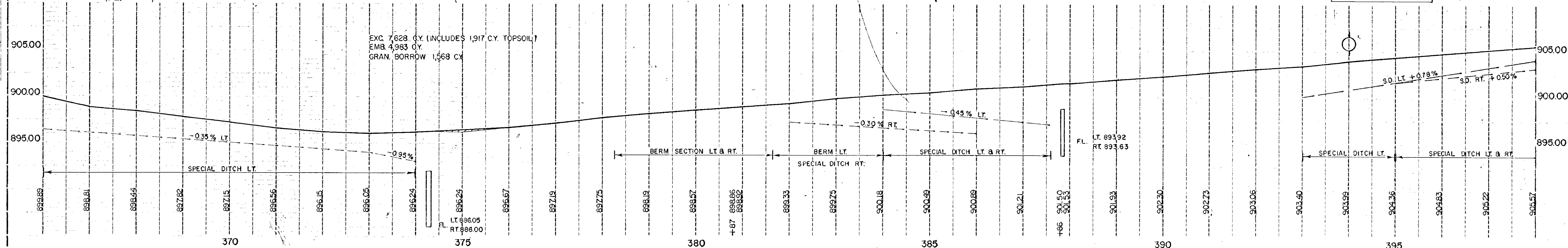
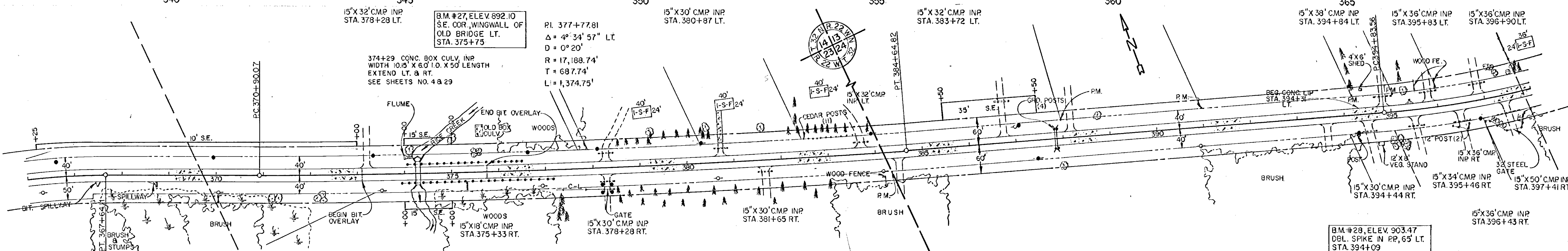
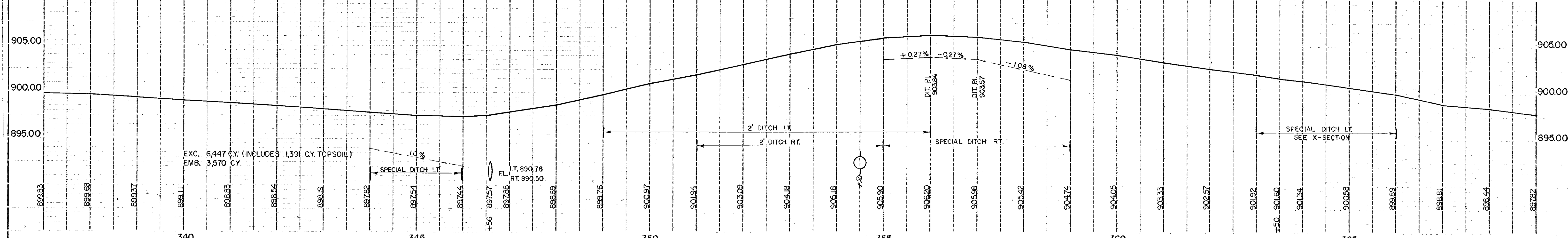
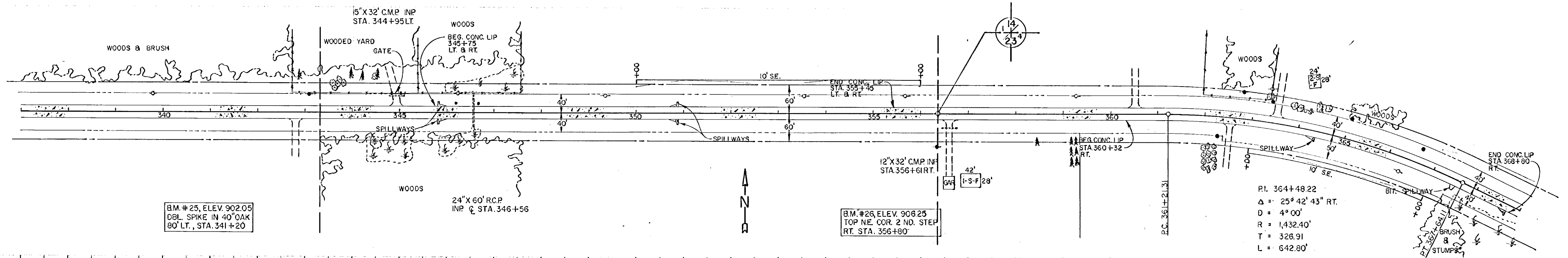
BIT. AND BASE SECTION ROAD APPROACH



TYPICAL RIGHT TURN LANE

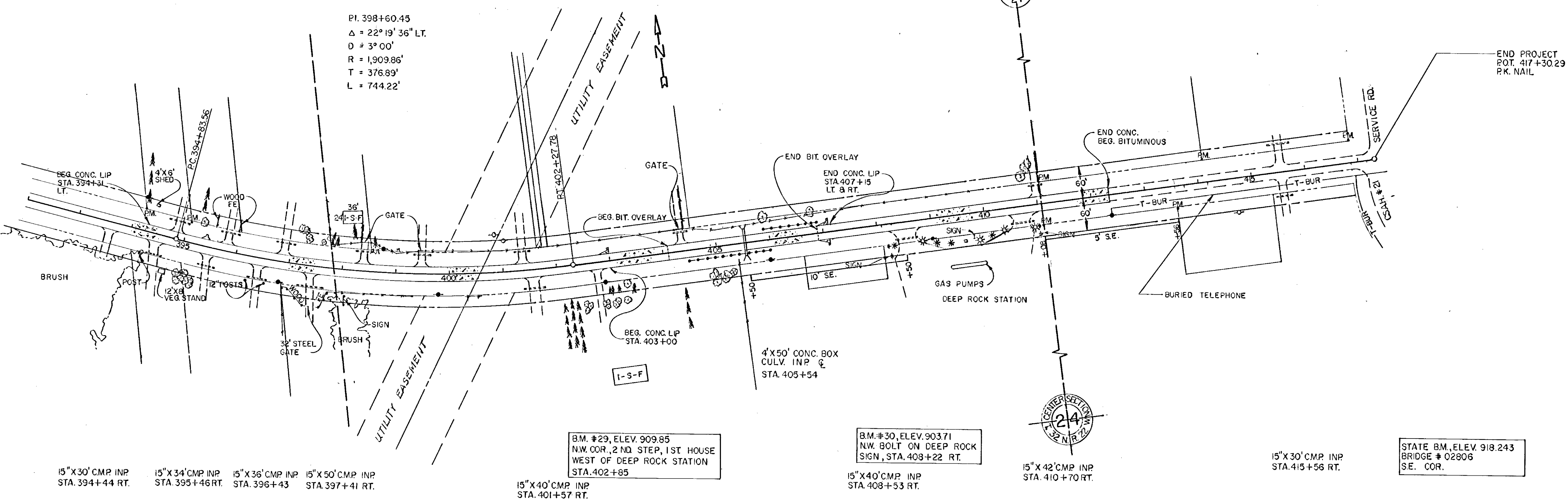






15" X 38' CMP INP STA. 394+84 LT. 15" X 36' CMP INP STA. 395+83 LT. 15" X 36' CMP INP STA. 396+90 LT. 15" X 30' CMP INP STA. 398+39 LT. 15" X 32' CMP INP STA. 399+49 LT. 15" X 40' CMP INP STA. 401+39 LT. 15" X 26' CMP INP STA. 404+37 LT. 15" X 26' CMP INP STA. 411+00 LT. 15" X 40' CMP INP STA. 415+56 LT.

PI. 398+60.45
 $\Delta = 22^\circ 19' 36''$ LT.
 $D = 3^\circ 00'$
 $R = 1,909.86'$
 $T = 376.89'$
 $L = 744.22'$



15" X 30' CMP INP STA. 394+44 RT. 15" X 34' CMP INP STA. 395+46 RT. 15" X 36' CMP INP STA. 396+43 RT. 15" X 50' CMP INP STA. 397+41 RT.

15" X 40' CMP INP STA. 401+57 RT.

15" X 40' CMP INP STA. 408+53 RT.

15" X 42' CMP INP STA. 410+70 RT.

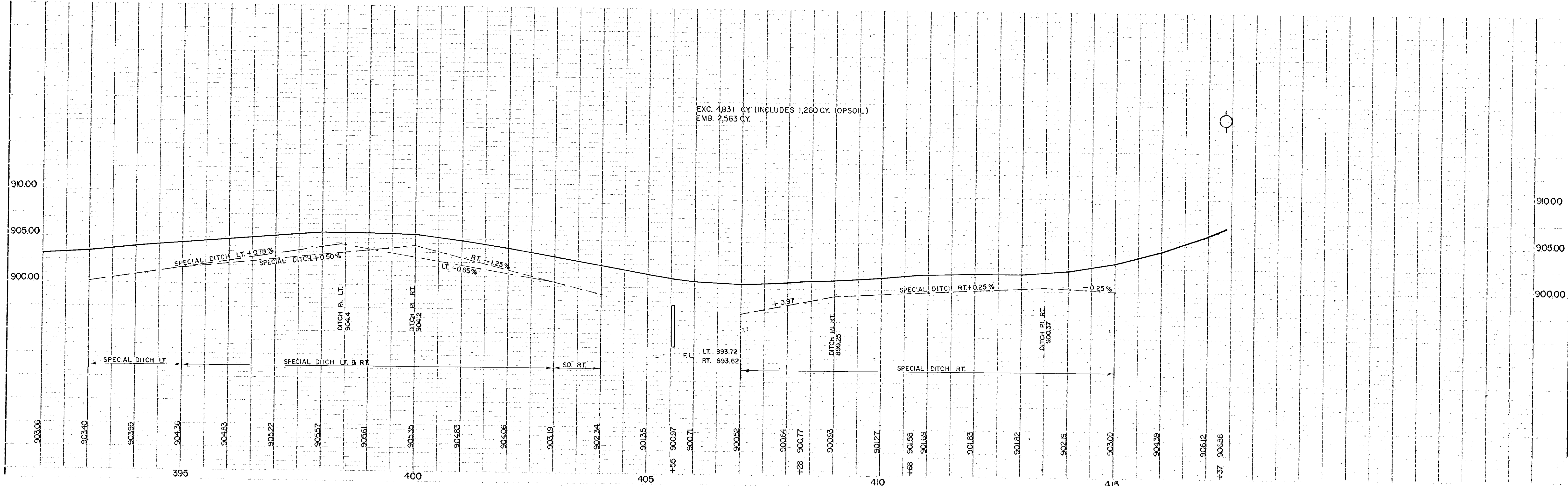
15" X 30' CMP INP STA. 415+56 RT.

STATE B.M., ELEV. 918.243
 BRIDGE # 02806
 S.E. COR.

B.M. #29, ELEV. 909.85
 N.W. COR., 2 ND. STEP, 1ST HOUSE
 WEST OF DEEP ROCK STATION
 STA. 402+85

B.M. #30, ELEV. 903.71
 N.W. BOLT ON DEEP ROCK
 SIGN, STA. 408+22 RT.

EXC. 4,831 CY (INCLUDES 1,260 CY. TOPSOIL)
 EMB. 2,563 CY.



DATE: 11/15/02
 3:00

EXCAVATION EMBANKMENT

Sub Totals Cu Yds Cu Yds Sub Totals

122 33

264+00 910.8

2.5 DIT

130 31

263+00 910.6

2.5 DIT

189 9

262+00 910.4

2.5 DIT

198 9
+14
IC Box

261+00 910.2

2.5 DIT

222 7
+30 End Piles

260+00 910.0

2.5 DIT

267 4
+30 Bag Piles

259+00 909.8

2.5 DIT

STA. 259+00 TO STA. 264+00

S.A.P. 02-623-02 SHEET 0F

EXCAVATION EMBANKMENT

Sub Totals Cu Yds Cu Yds Sub Totals

189 54

270+00 910.0

SD 832

12
End Seatings

39
1 Bag 3 Rows Seatings
47 Row Seatings
43 Hedge Row
40 Hedge Row
+15 Hedge Row

269+00 910.6

SD 888

191 11

268+00 911.0

SD 944

59 8 Rows
55 10 Rows
54 10 Rows
46 10 Rows
57 10 Rows
+42 End Piles
+42 10 Rows

267+00 911.2

SD 9000

400 4
+40 Bag 3 Rows Seatings

266+00 911.2

SD 918

278 6
48 Bag Piles → 135'

265+00 911.1

SD 836

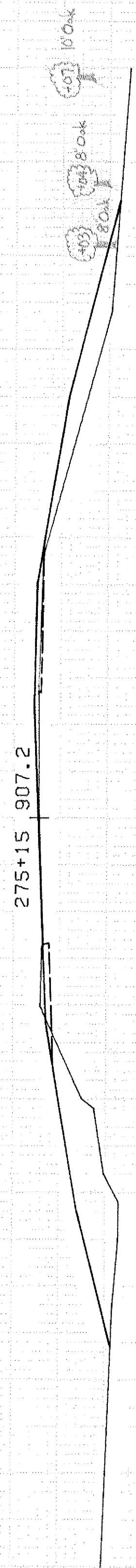
STA. 265+00 TO STA. 270+00

S.A.P. 02-623-02 SHEET 11 OF 36

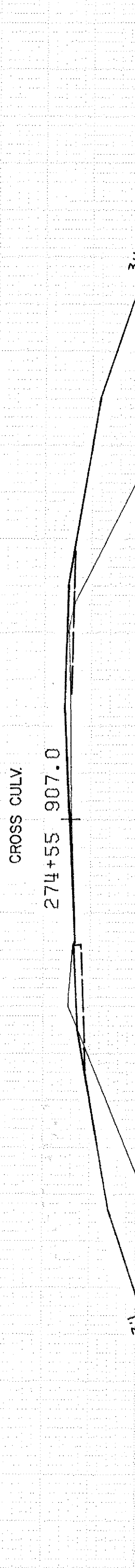
EXCAVATION EMBANKMENT

Sub-Totals CUL. Vol. Yds. Sub-Totals

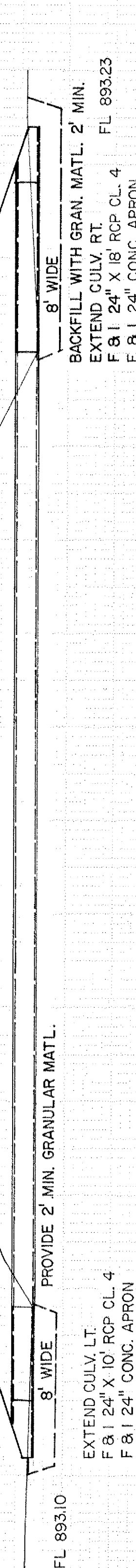
13 73



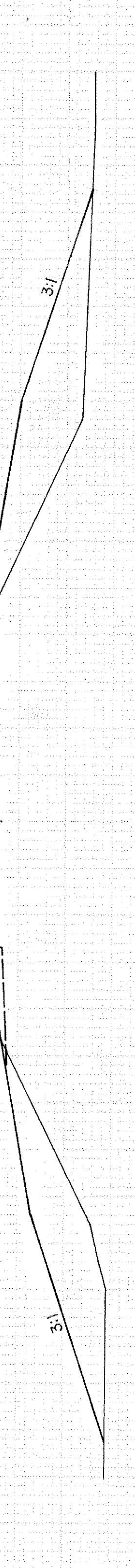
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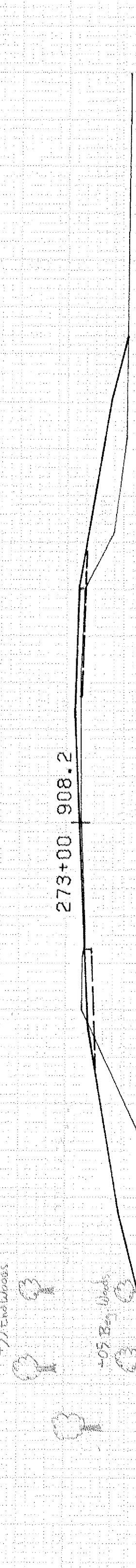
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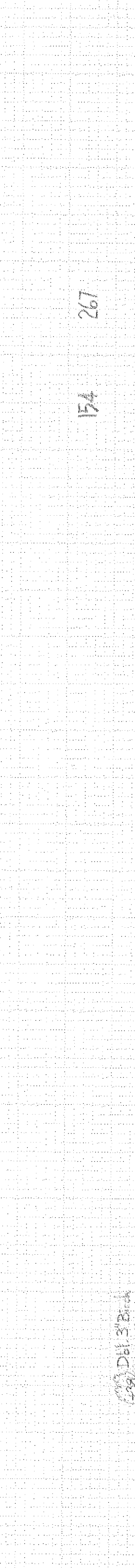
44 833



154 267



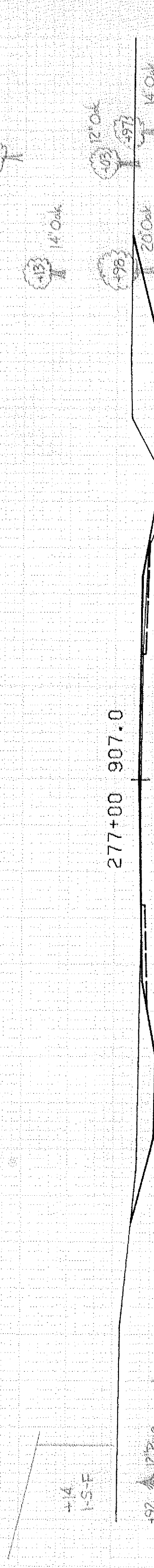
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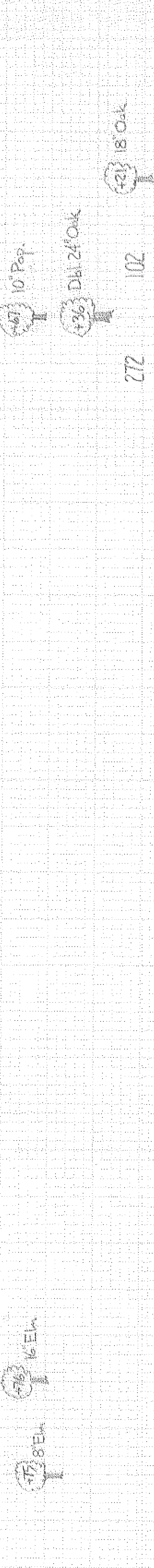
EXCAVATION EMBANKMENT

Sub-Totals CUL. Vol. Yds. Sub-Totals

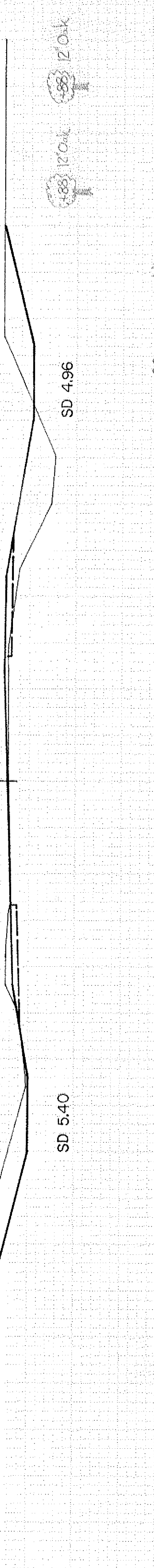
411 9



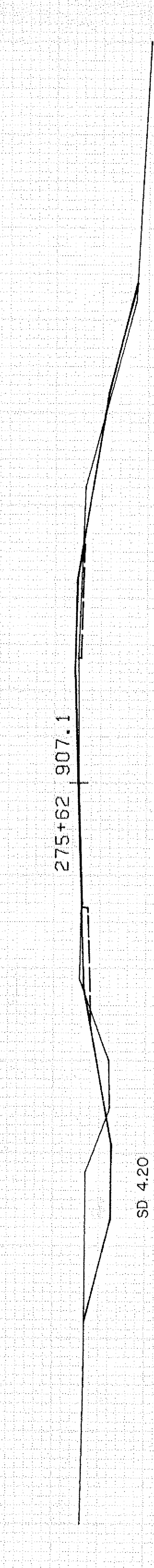
272 102



80 44



28 11

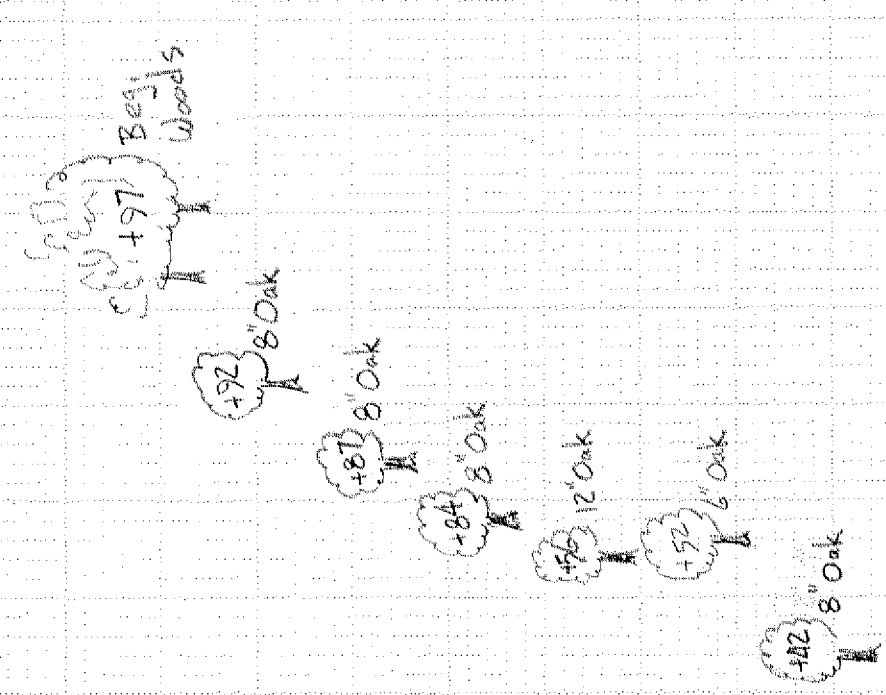


EXCAVATION EMBANKMENT

Sub-TOTALS	Cu. Yds.	Cu. Yds.	Sub-TOTALS
	Exc.	Emb.	
	269	94	

269

94



281+00 907.4

SD 560

SD 561

469

39

1:0 1:5 F

280+00 907.3

SD 640

SD 548

376

48

279+00 907.2

SD 660

SD 535

437
1:5 F

411

33

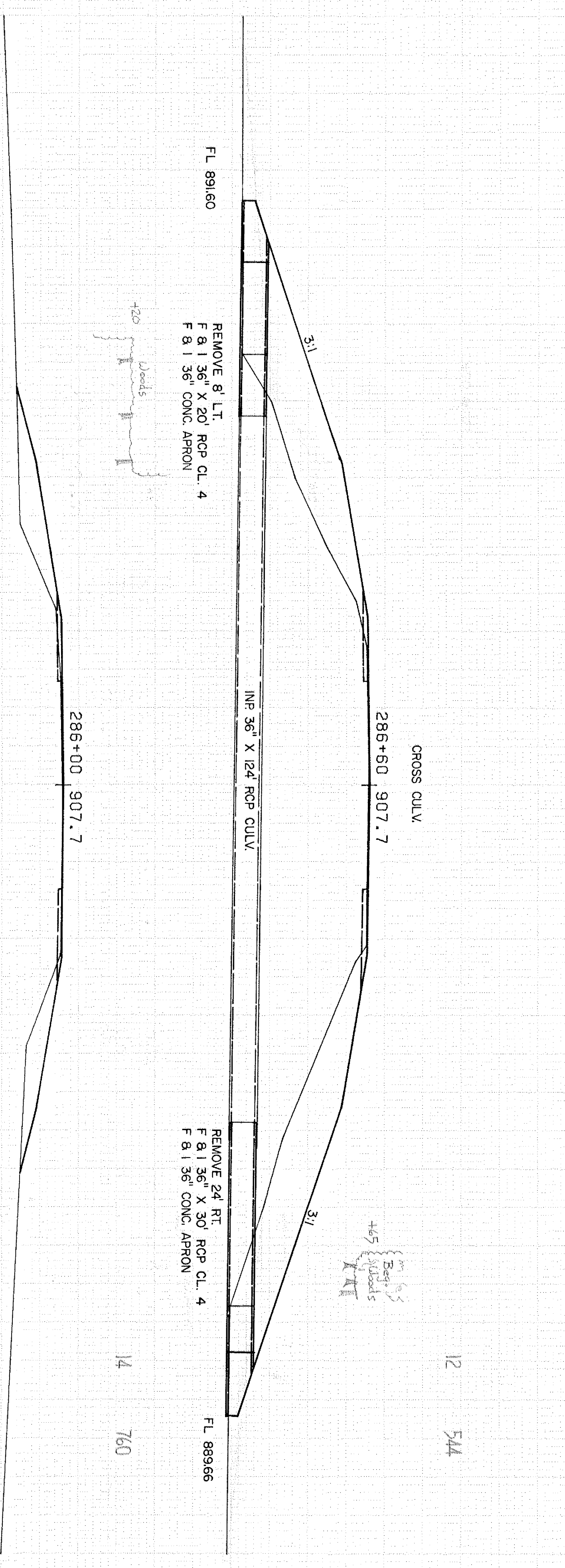
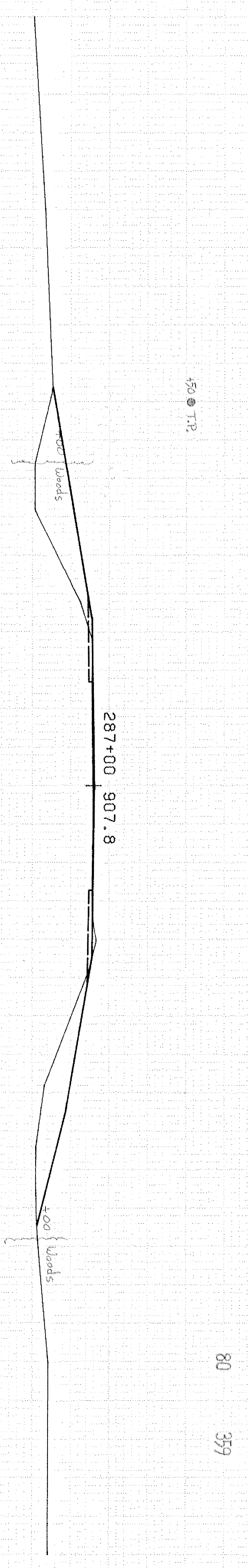
278+00 907.1

SD 620

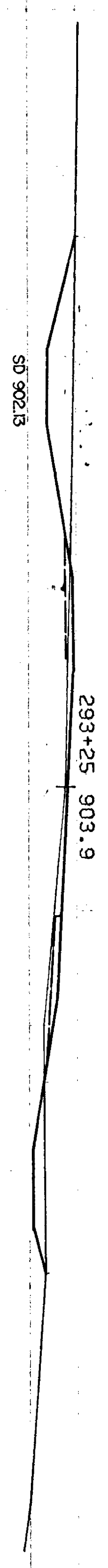
SD 522

EXCAVATION EMBANKMENT

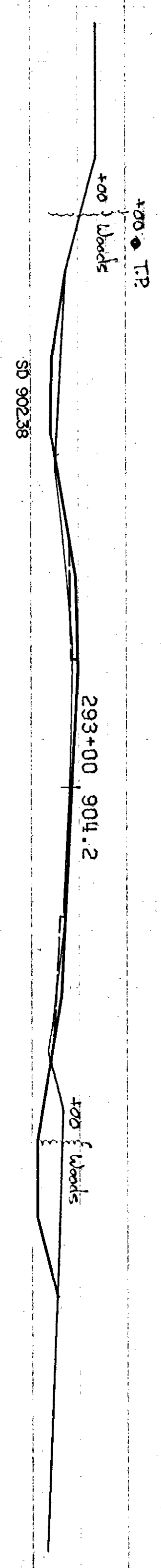
REMOVED	CU. YDS.	EMBANKMENT	SUBTOTAL
80	399		



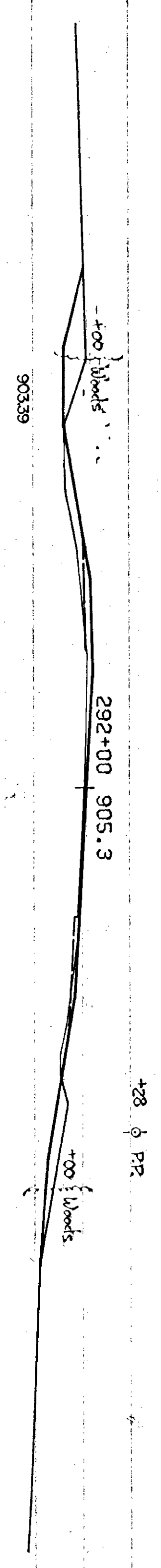
282 11



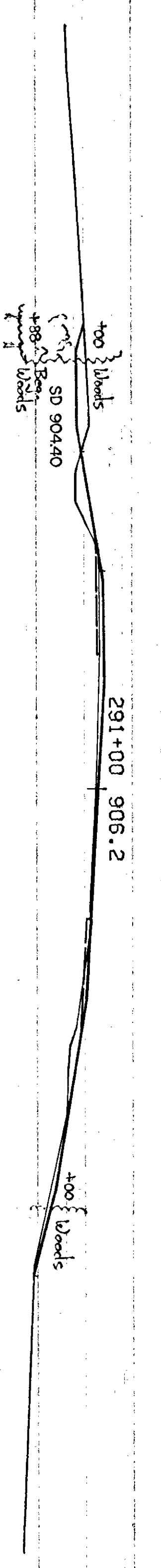
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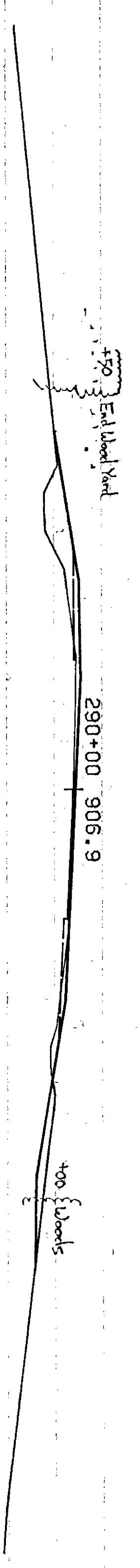
169 50



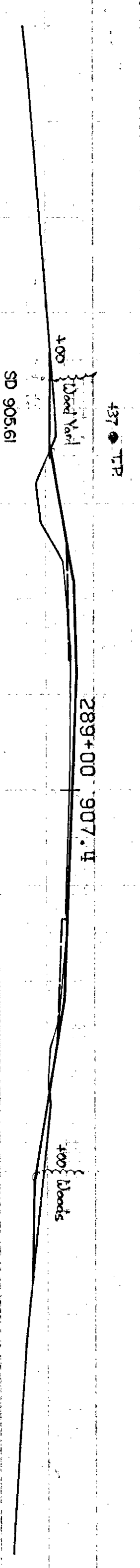
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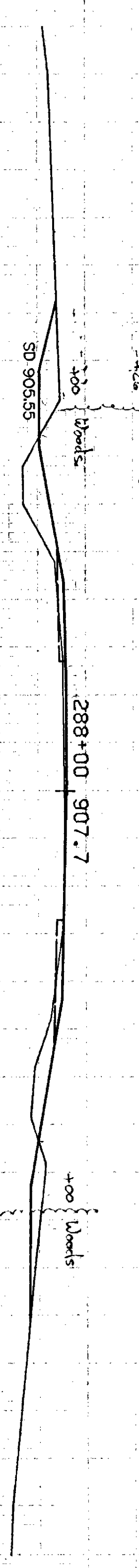
72 100



46 107



91 128



STA. 288+00 TO STA. 293+25

EXCAVATION EMBANKMENT

Sub-TOTALS CU. YDS. SUB-TOTALS

+72 { Woods

+163 DI
4 Maple

156 137

+173 DI
4 Box Elder

+133 DI
8 Box Elder

371 120

SD 89733

298+00 898.6

+100 { Woods

297+00 899.6

SD 89834

+100 { Woods

511 44

296+00 900.8

SD 89935

+100 { Woods

483 20

295+00 901.9

+90 TP
TP SD 90036

+100 { Woods

443 22

294+00 903.0

901.37

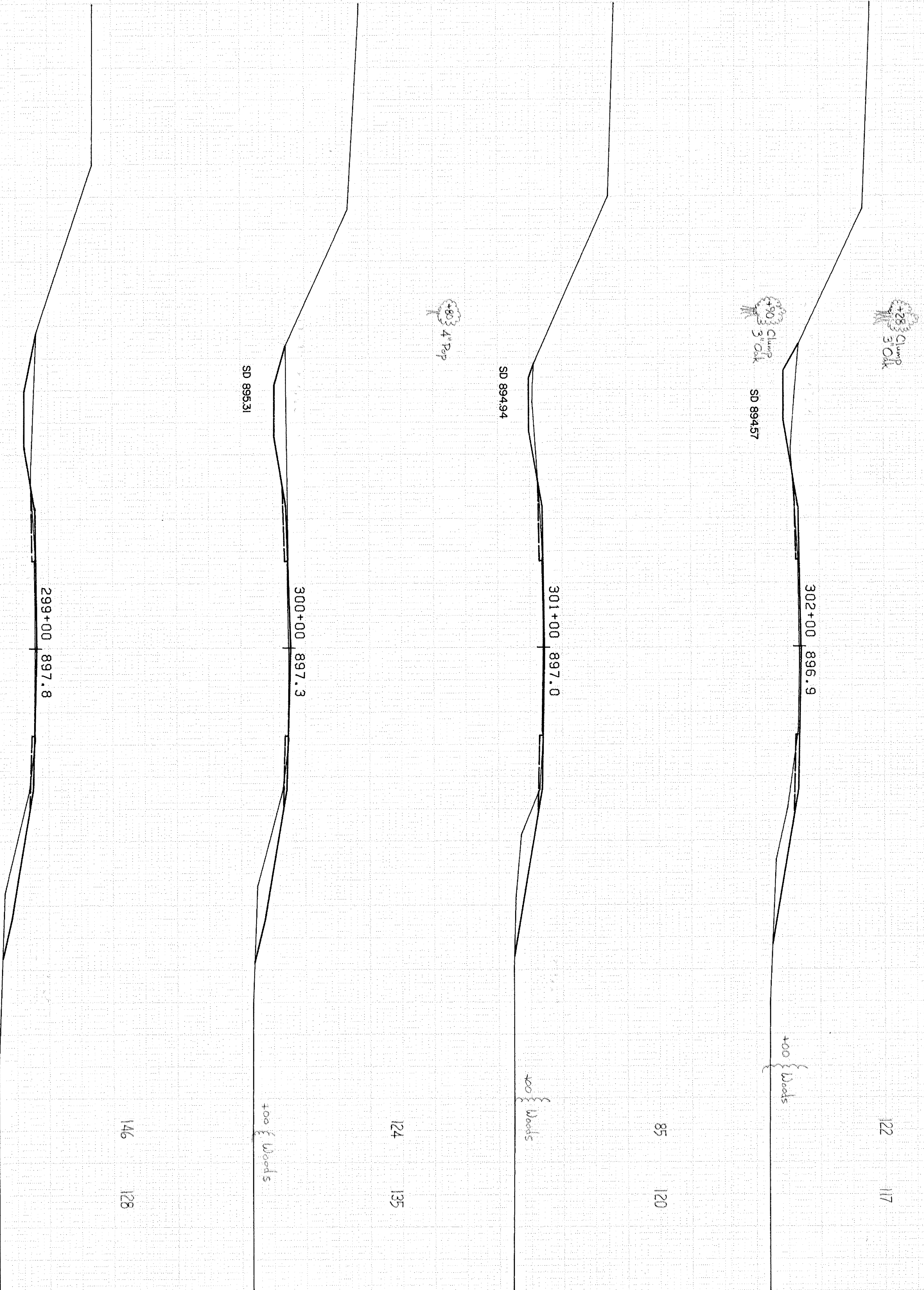
+100 { Woods

+100
End/Woods

C

EXCAVATION EMBANKMENT

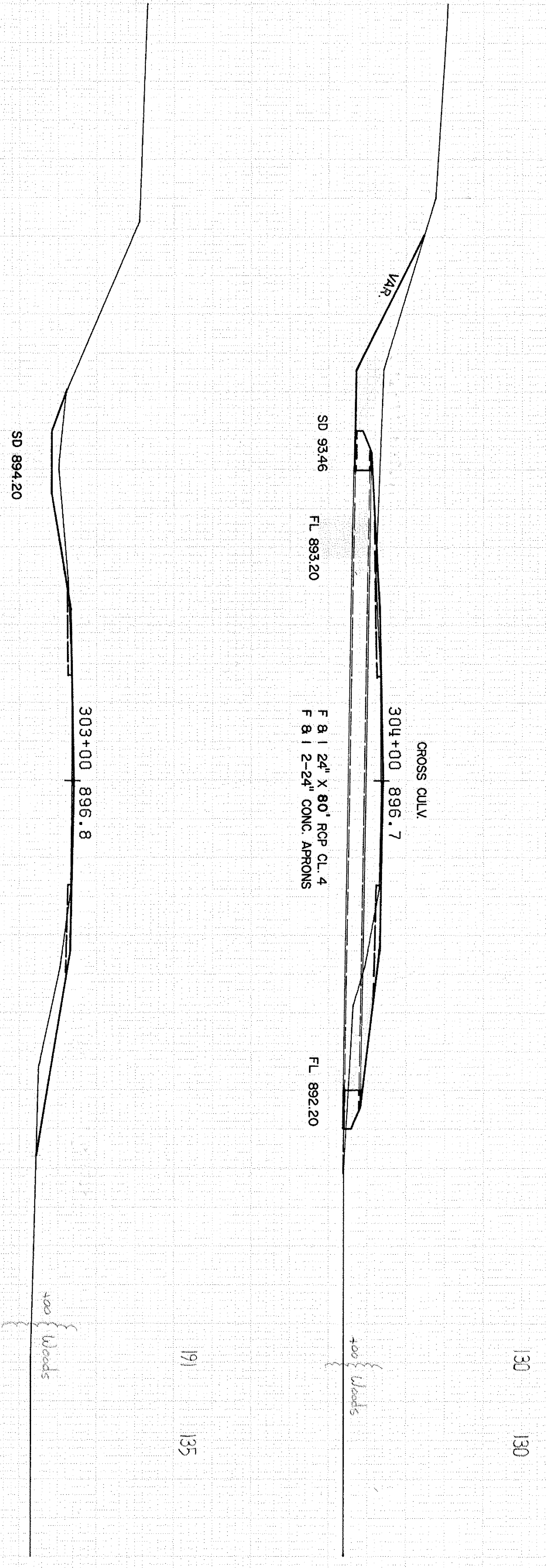
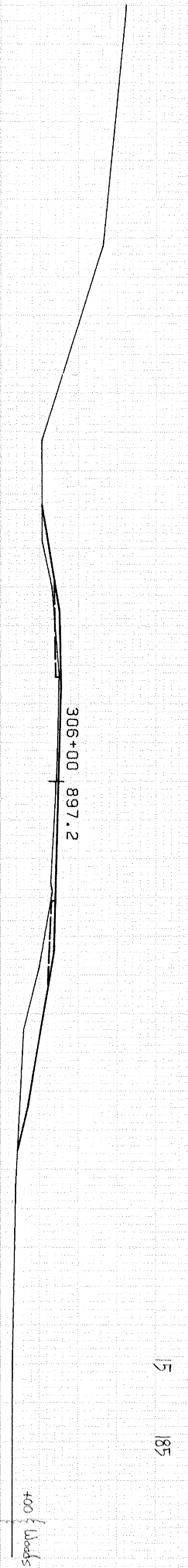
BRIDGEPILES DC CU SUBTOTALS
 YRS YRS



☐

EXCAVATION EMBANKMENT

SubTOTALS	CU	CU	SubTOTALS
Yds	Yds	Yds	

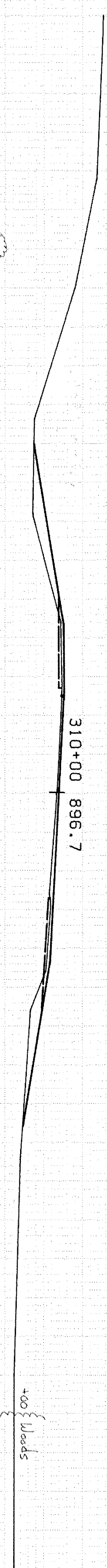


C

EXCAVATION EMBANKMENT

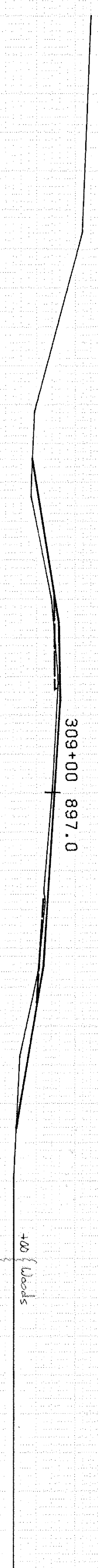
Barbours	Dist.	Dist.	Sta. Total
Yrs.	Yrs.	Yrs.	

31 176

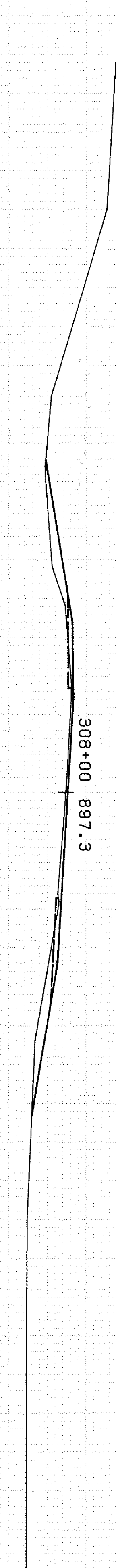


+53.0 Ben Elder

15 124



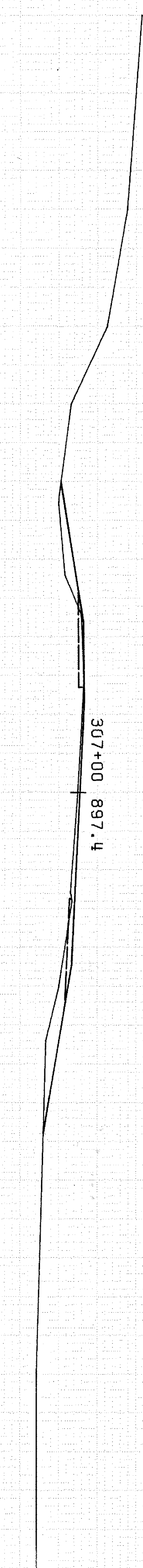
9 131



+25.3 Camp
Ben Elder

+22.0 DL
Ben Elder

13 163

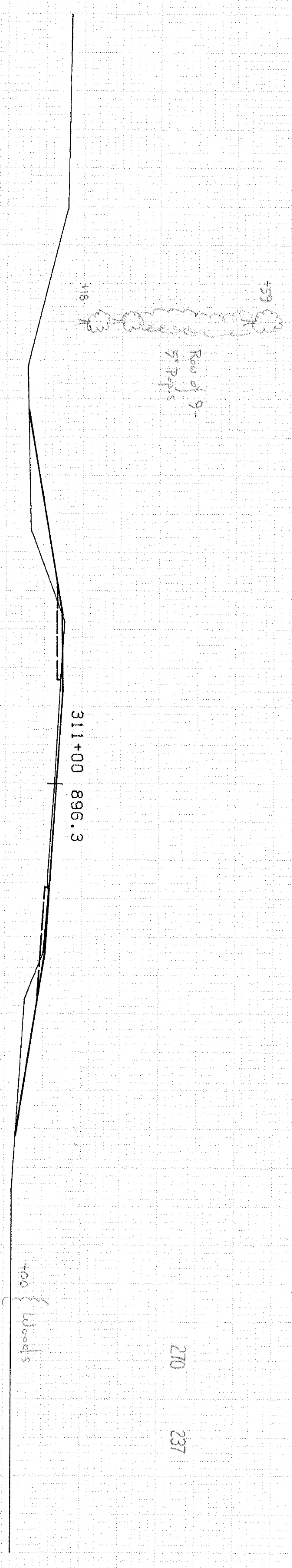
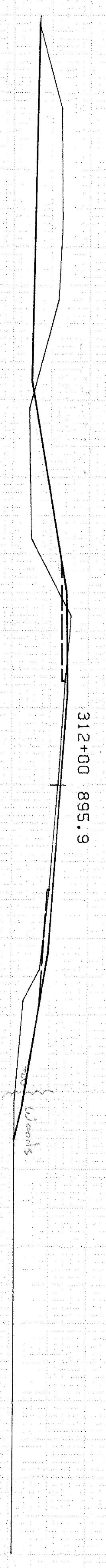
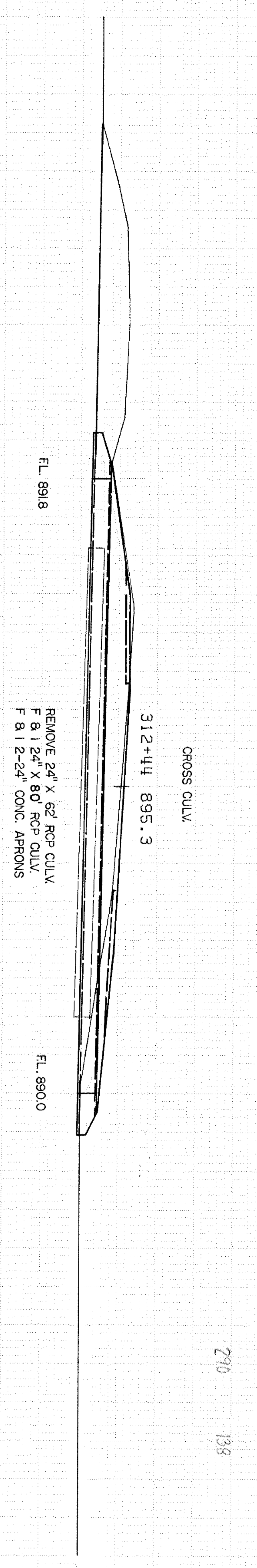
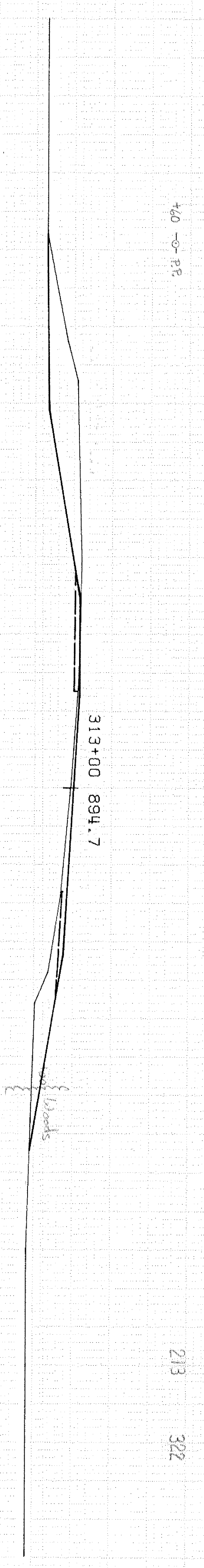


C

STR. 307+00 TO STR. 310+00

EXCAVATION EMBANKMENT

Station	Excavation	Embankment
213	322	
290	138	
244	118	
270	237	



EXCAVATION EMBANKMENT

Excavations: CUL YES, SUB-TERRAIN YES

6 189

319+00 893.1

318+00 893.2

317+00 893.5

316+00 894.0

315+00 894.1

314+00 894.3

7 457

+82' -0" P.P.

13 496

9 461

2 400

C

STR. 314+00 TO STR. 319+00

S.R.P.02-623-02

SHEET 0F

EXCAVATION EMBANKMENT

Excavations: CUL YES, SUB-TERRAIN YES

13 333

324+00 893.4

323+00 892.9

322+00 893.0

321+00 893.3

320+00 893.1

319+52 893.0

+62' -0" P.P.

13 378

13 385

11 328

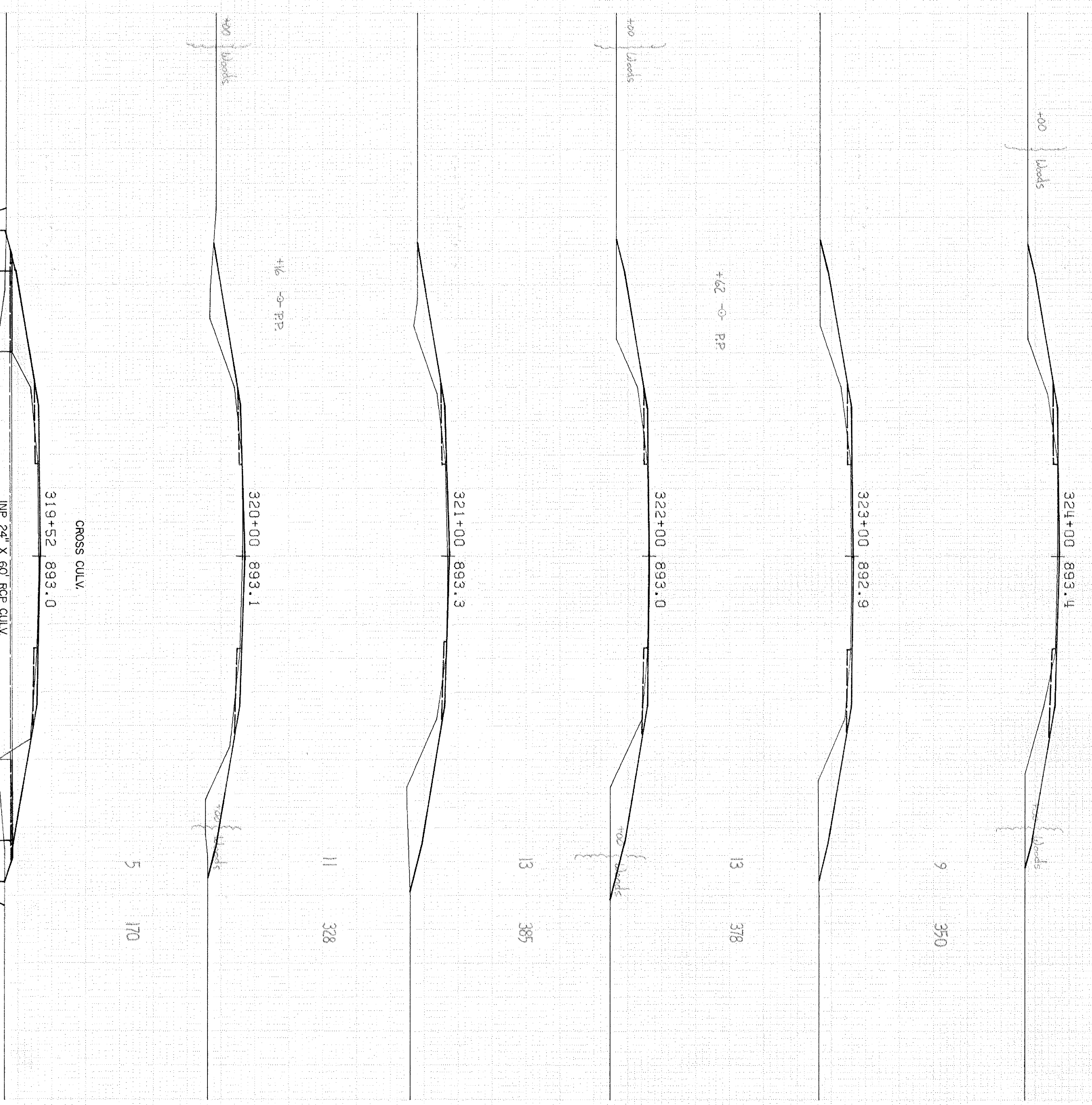
5 170

C

STR. 319+52 TO STR. 324+00

S.R.P.02-623-02

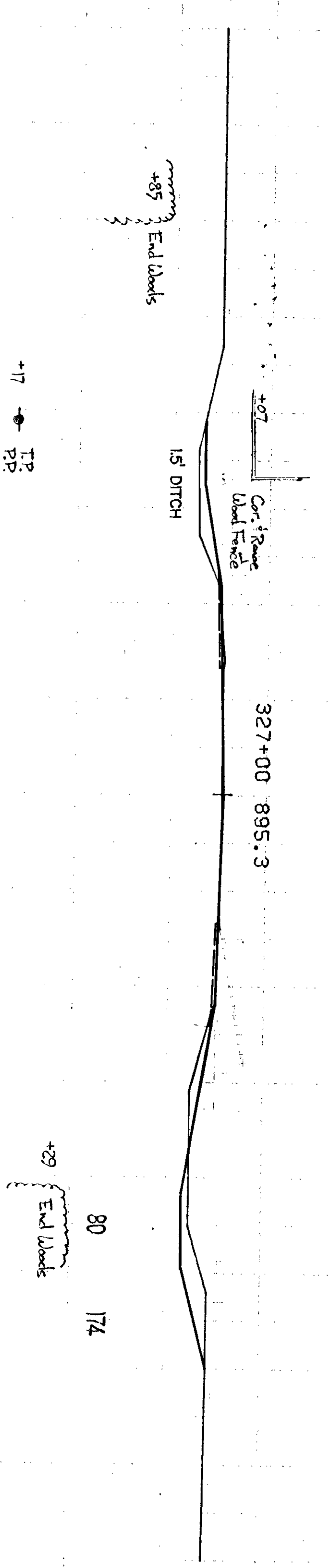
SHEET 22 OF 36



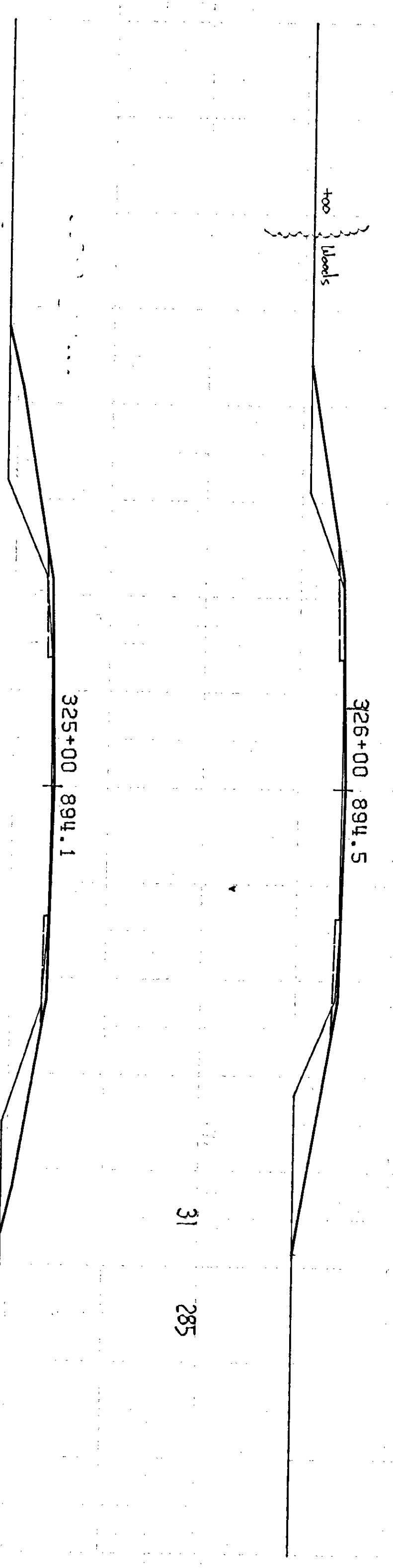
EXCAVATION EMBANKMENT

REMARKS: Du. Cut: Structures

130 65

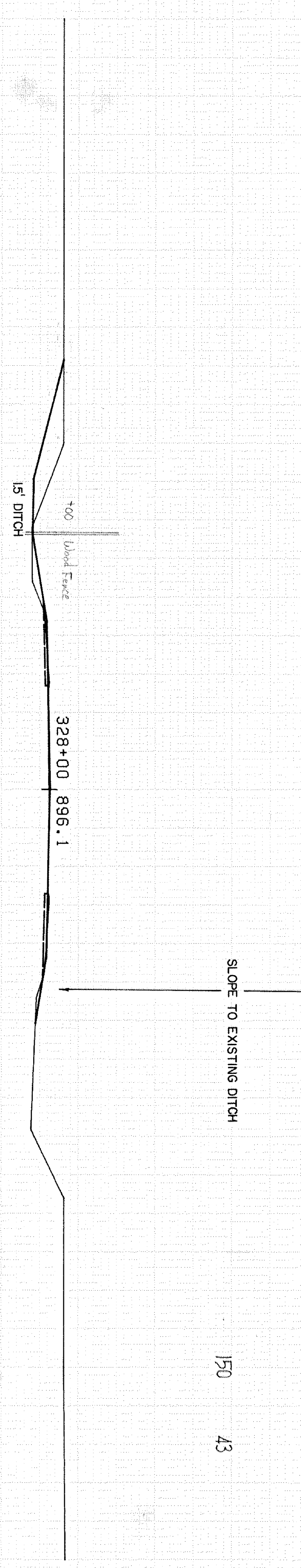
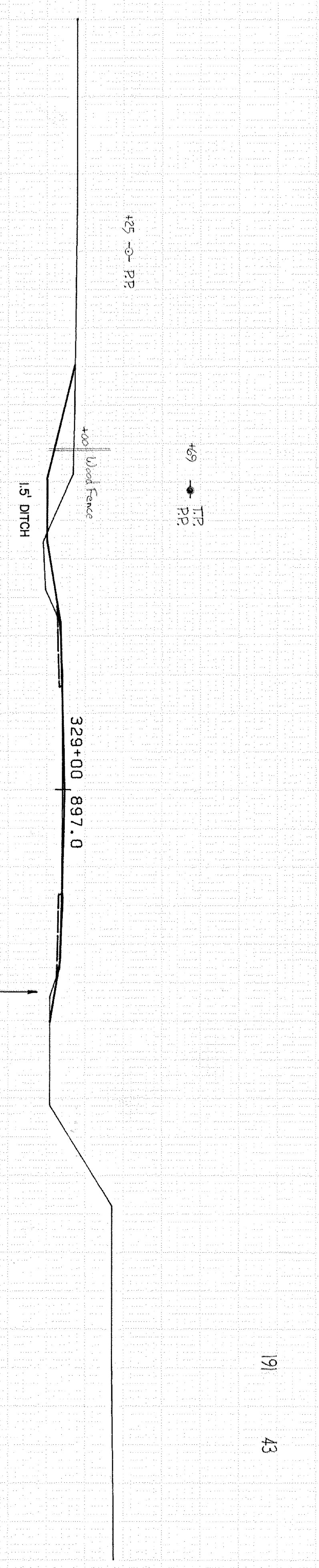
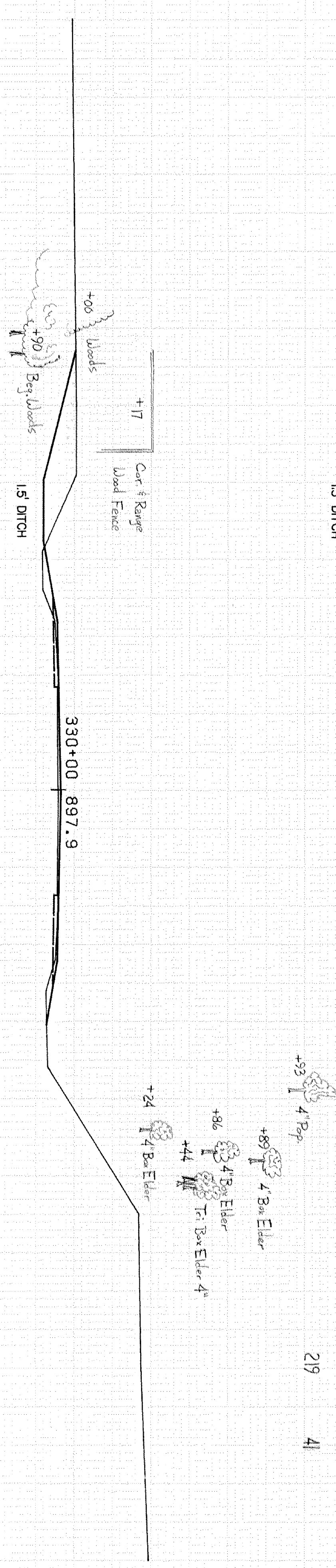
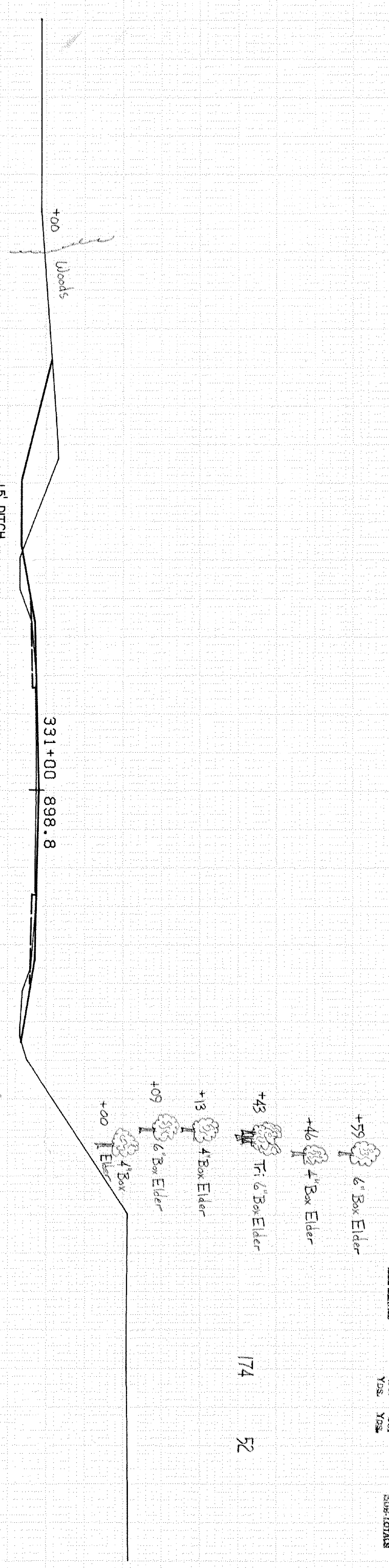


31 285



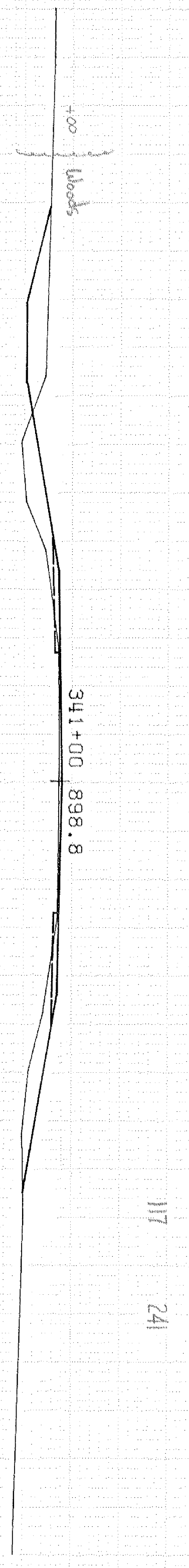
EXCAVATION EMBANKMENT

Station	Excavation	Embankment	Sub-Totals
331+00	898.8	219	41
330+00	897.9	191	43
329+00	897.0	150	43
328+00	896.1		

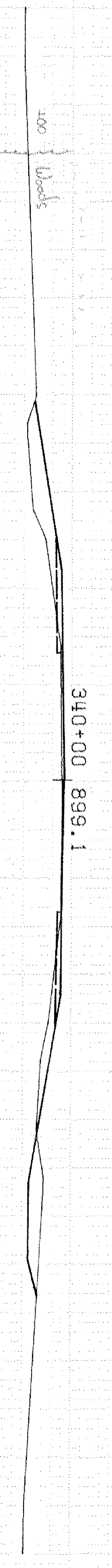


EXCAVATION EMBANKMENT

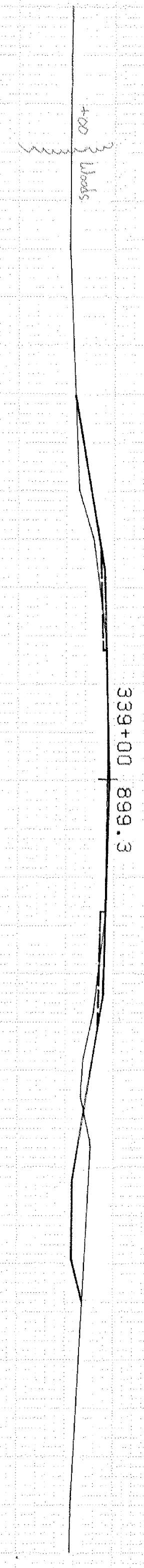
EXCAVATION EMBANKMENT



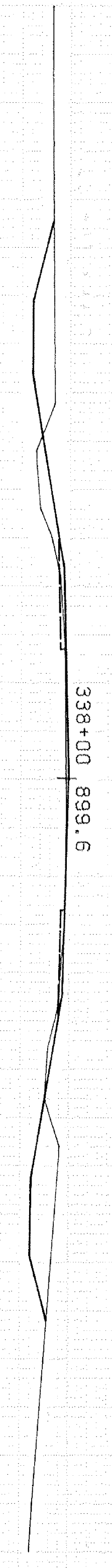
117 24



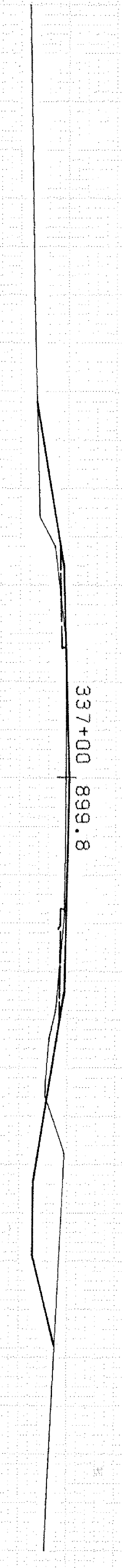
106 178



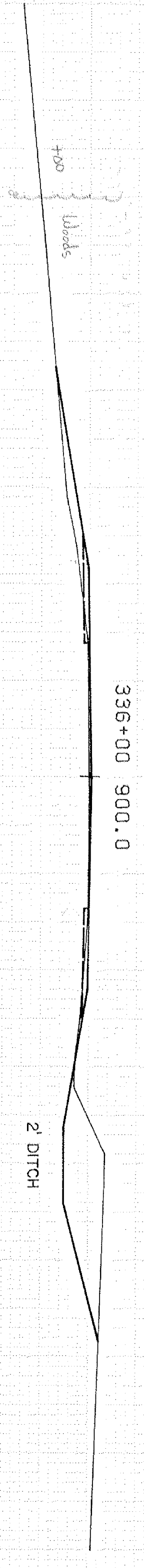
89 122



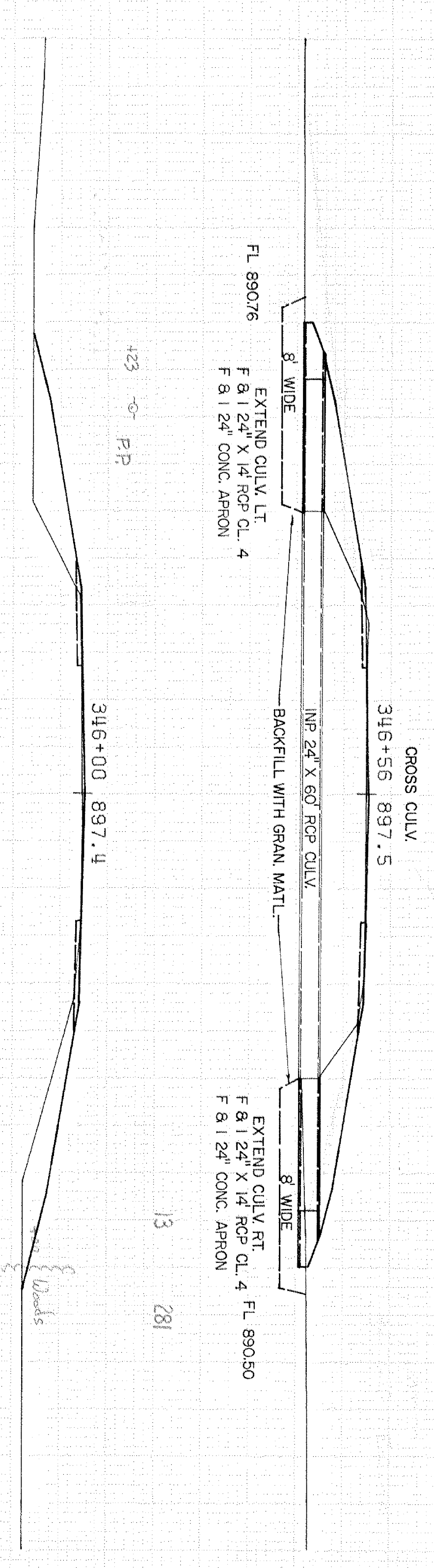
215 81



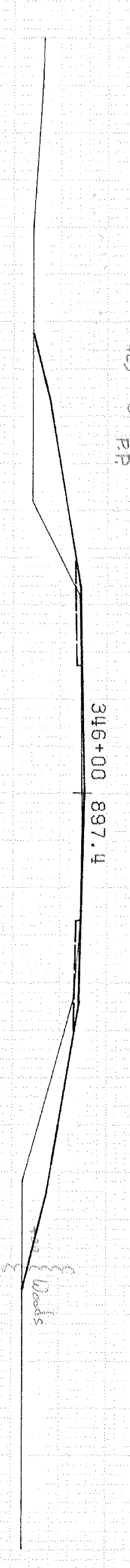
265 85



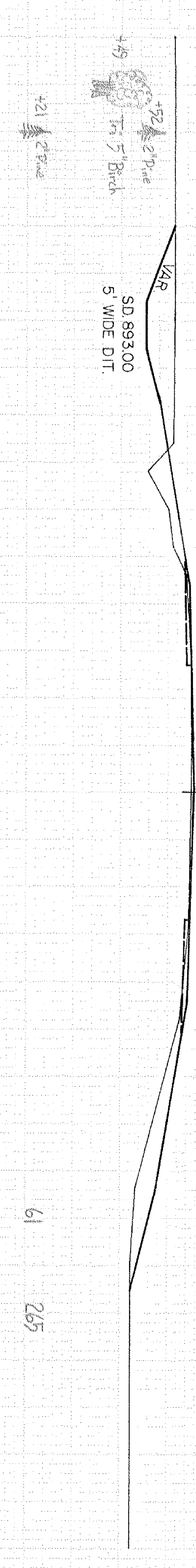
246 81



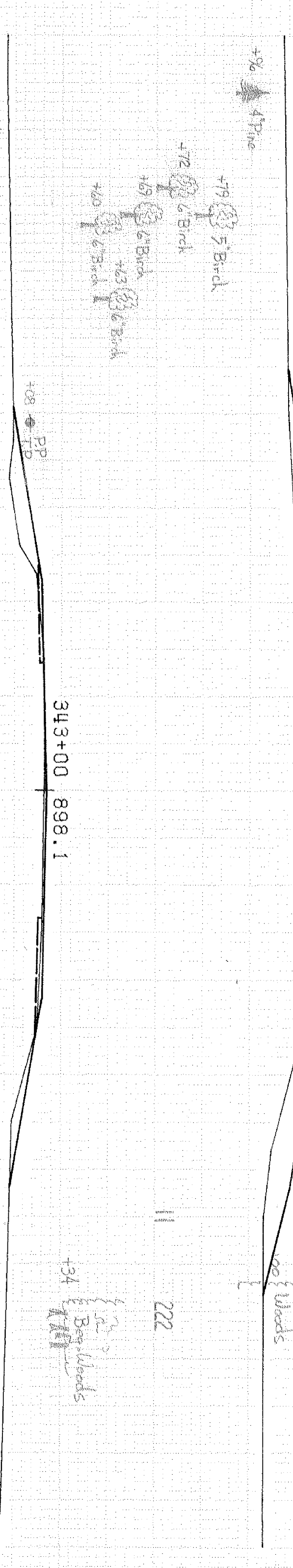
14 243



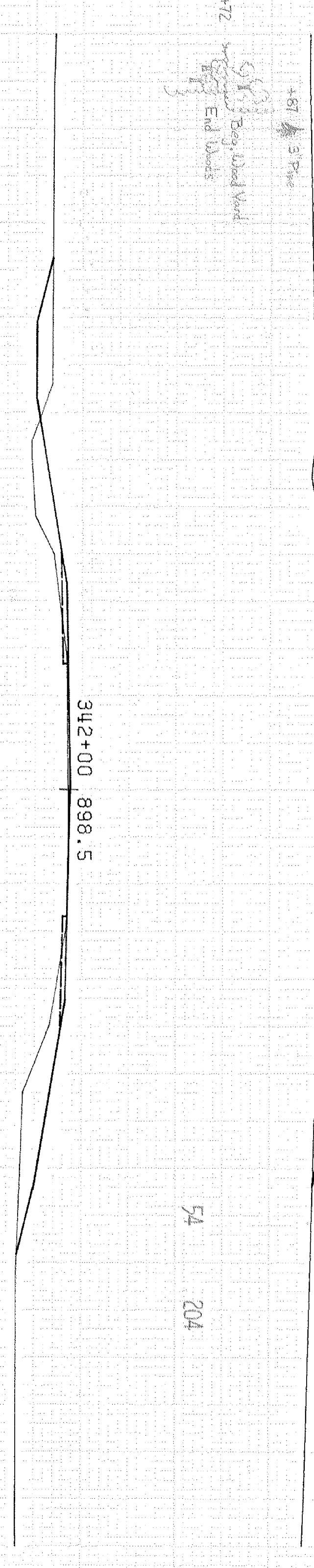
67 306



61 265



11 222



54 204

EXCAVATION EMBANKMENT

BRUSHWOODS CUT. CUT. SUB-TOTALS
YES YES

626 4

+57 -> PP

352+00 903.0

2' DITCH

2' DITCH

806 2

351+00 901.9

2' DITCH

2' DITCH

681 6

350+00 900.9

2' DITCH

3' DITCH

3% 59

+3% -> PP

349+00 899.7

2' DITCH

107 109

348+00 898.6

31 361

+40
Exit Woods

347+00 897.8

±

STR. 347+00 TO STR. 352+00

S.A.P. 02-623-02

SHEET 0F

EXCAVATION EMBANKMENT

BRUSHWOODS CUT. CUT. SUB-TOTALS
YES YES

+28 Road Trees
+18 Road Trees
280 37

+28 -> PP

359+00 904.7

+46 3' Pine
339 26

358+00 905.4

SD 902.49

180 50

357+00 905.9

SD 903.57

257 37

+55 -> PP
TP

356+00 906.1

2' DITCH

SD 903.64

561 9

+4% -> PP

355+00 905.8

2' DITCH

SD 903.57

828 6

354+00 905.1

2' DITCH

2' DITCH

698 6

353+00 904.1

2' DITCH

2' DITCH

±

STR. 353+00 TO STR. 359+00

S.A.P. 02-623-02

SHEET 0F

EXCAVATION EMBANKMENT

REVISIONS: CU. CU. SUBTOTALS
 No. Yrs. Yrs. Yrs.

472 91

365+00 900.5

+03 T.P.
+00 Beg. Woods

+50 24" Box Elder

+33 24" Box Elder

+32 Range 2-S-F

+02 SW Cor. 2-S-F

+14 End Live Row

+98 Beg. Live Row

+95 16 Elm

+84 16 Elm

561 0

364+00 901.3

222 2

363+50 901.5

+39 T.P.
+33 DBL 6" Box Elder

+33 PP

170 31

363+00 901.9

+30 T.P.
PP
+23 Beg. Woods

+22 Row Apple Tree Seedlings

+30 T.P. 219 104

+10 Row Apple Tree Seedlings

+01 Row Seedlings

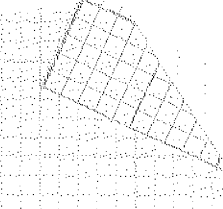
70 130

361+00 903.3

63 115

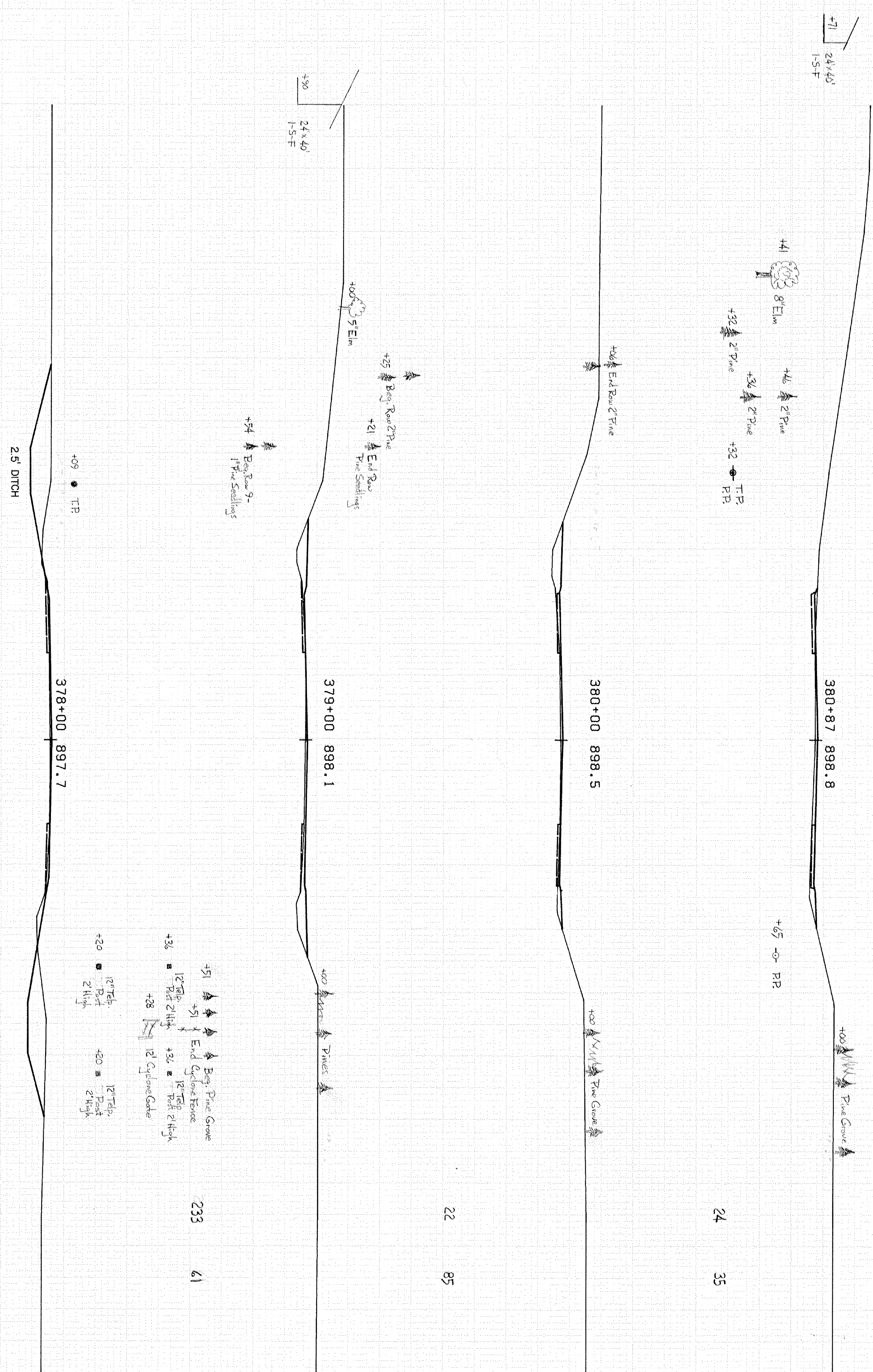
360+00 904.0

€



EXCAVATION EMBANKMENT

Substation	Dist. Yds.	Cu. Yds.	Substation
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5 5

24 35

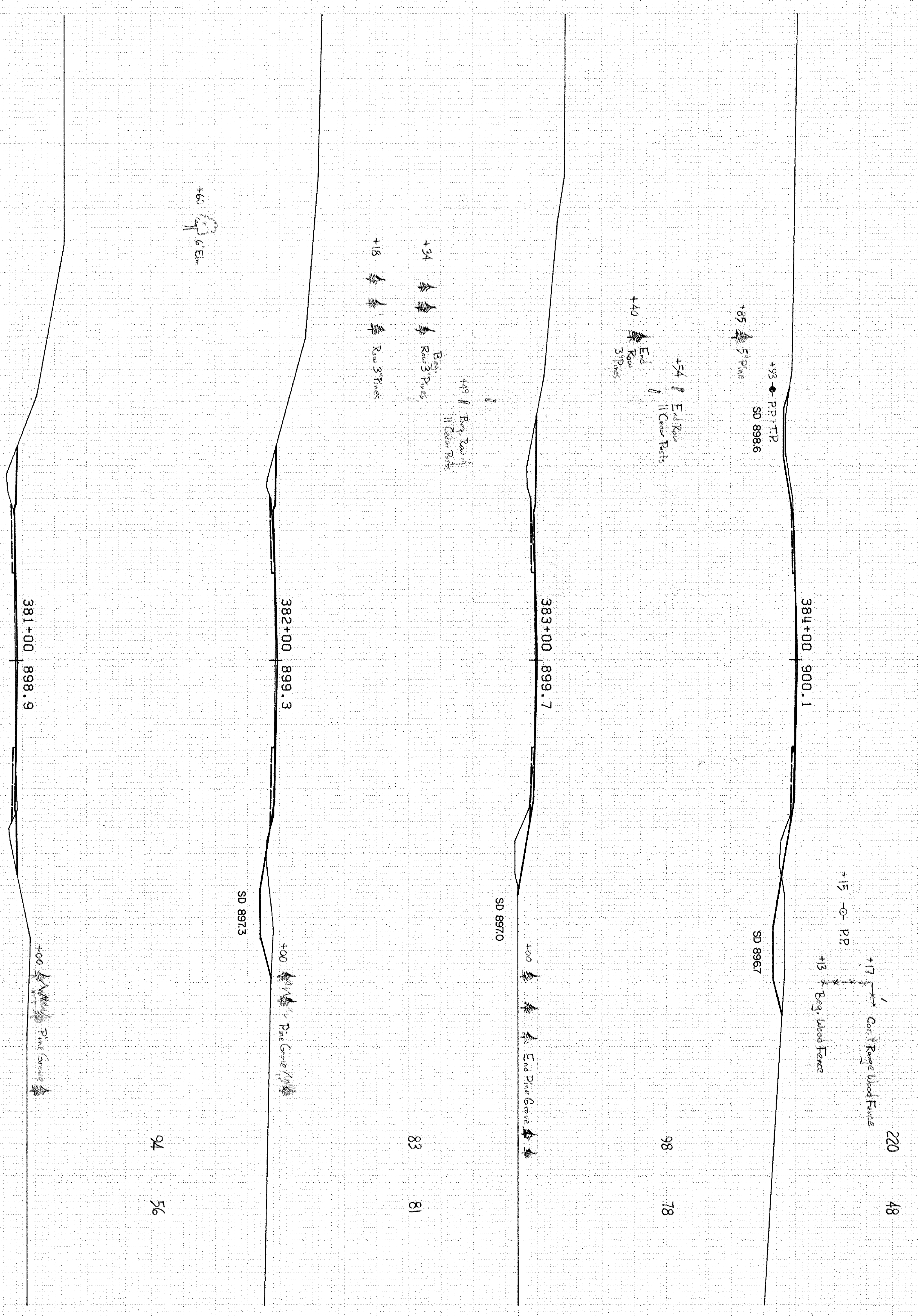
22 85

233 61

C

EXCAVATION EMBANKMENT

Stationing
Sta. 128 Sta. 128 Stationing



C

56 200

57 III

389+00 901.9

388+00 901.5

387+86 901.4

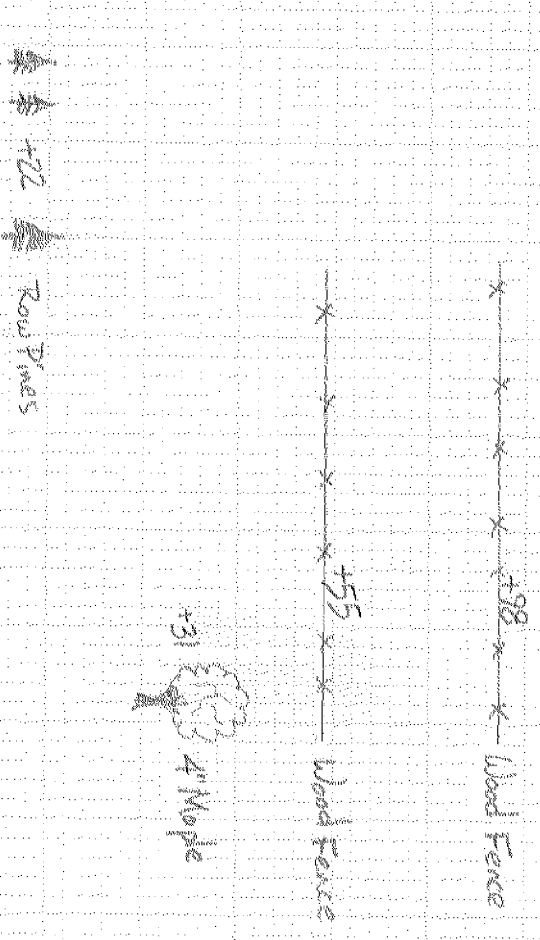
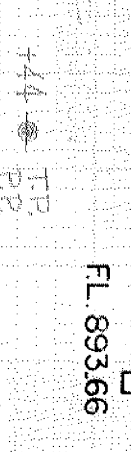
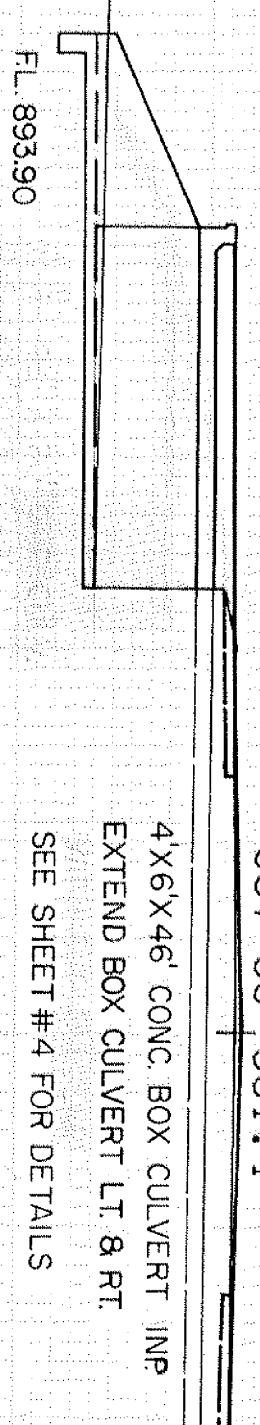
387+00 901.2

386+00 900.8

385+00 900.4

187 26

276 52



159

119

110

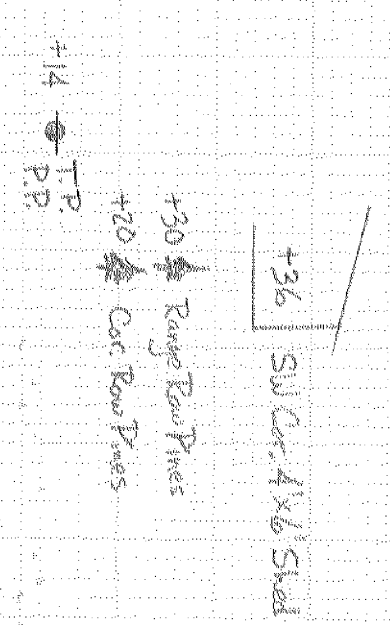
110

110

110

SD 175

SD 17



148

152

152

152

152

SD 0.97

+09 TP

+09 PP

393+00 903.3

392+00 903.0

391+00 902.7

390+00 902.2

46 220

50 219

100 144

115 194

+90 TP

+90 PP

EXCAVATION EMBANKMENT

Station	Cut	Fill	Subgrade
370	7		

370 7

411+00 901.6

SD 899175
+98 1/2" 4x4 Conc Base
+99 1/2" 4x4 Conc Base

+89 1/2" 4x4 Conc Base
+72 1/2" 4x4 Conc Base

410+68 901.5

Bit. Ent.

228 57

410+00 901.2

SD 899150
+87 1/2" 4x4 Conc Base
+77 1/2" 4x4 Conc Base

209 89

409+00 900.9

SD 899125
+79 1/2" 4x4 Conc Base
+78 1/2" 4x4 Conc Base

+91 1/2" 4x4 Conc Base
+86 1/2" 4x4 Conc Base

408+28 900.7

Bit. Ent.

300 94

408+00 900.6

SD 898828

C

STR. 408+00 TO STR. 411+00

S.A.P.-02-623-02 SHEET 07 OF 36

EXCAVATION EMBANKMENT

Station	Cut	Fill	Subgrade
8	0		

8 0

417+00 906.1

31 107

416+00 904.3

24 165

415+00 903.0

67 67 +49 -0- P.P.

414+00 902.1

220 9

413+00 901.8

402 0

412+00 901.8

SD 900100

+34 1/2" TP P.P.

C

STR. 412+00 TO STR. 417+00

S.A.P.-02-623-02 SHEET 24 OF 36

417+37 906.8

⊕

STA. 417+37 TO STA. 417+37

S. R. P. 02-623-02 SHEET 35 OF 36

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

EXCAVATION EMBANKMENT

ROAD APPROACHES

