

CONVENTIONAL SIGNS

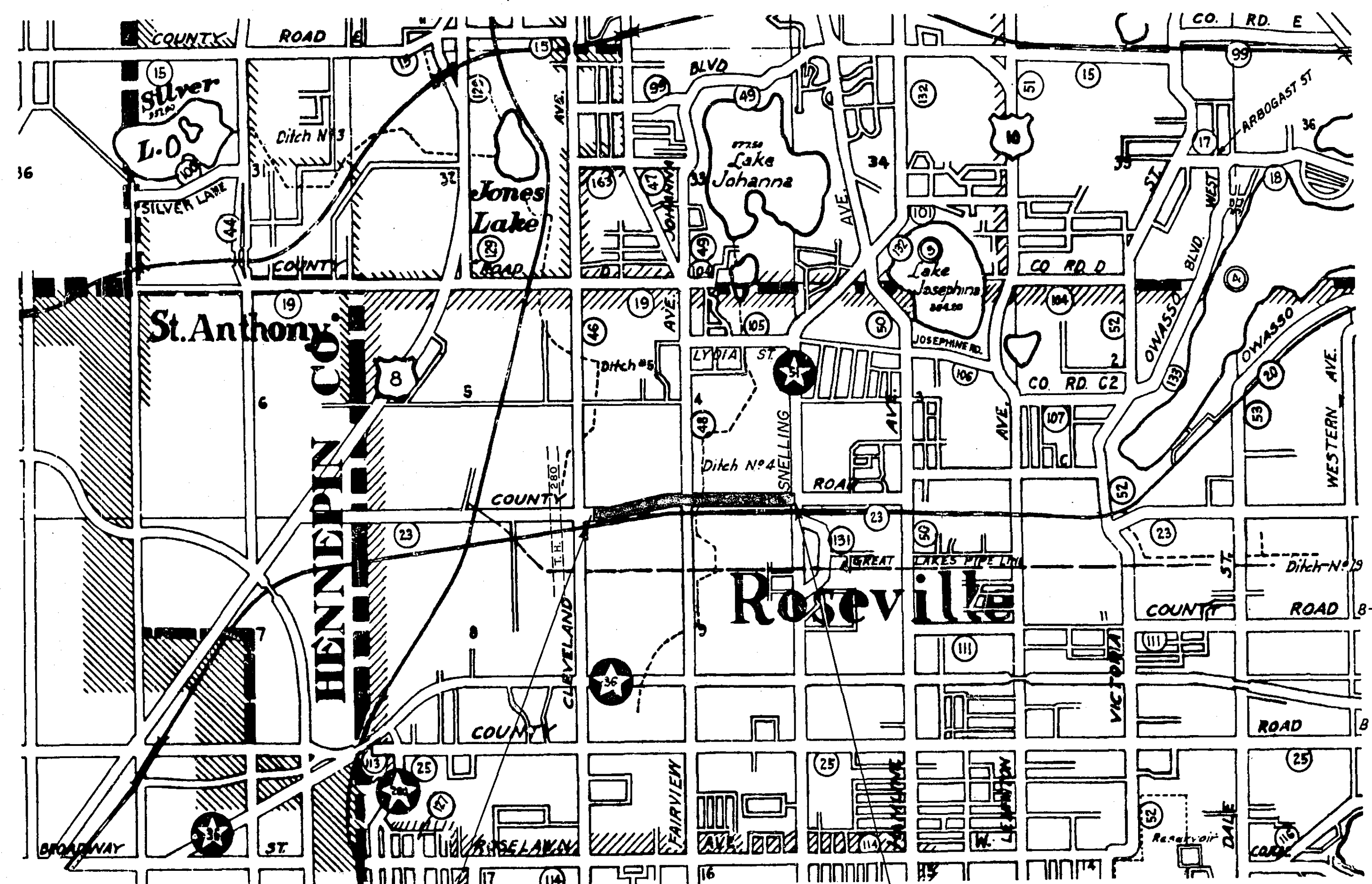
STATE LINE	TIMBER
COUNTY LINE	BRUSH
TOWNSHIP OR RANGE LINE	ORCHARD
SECTION LINE	ROCK LEDGE
QUARTER LINE	SAND
SIXTEENTH LINE	EDGE OF CUT
RIGHT-OF-WAY LINE	TOE OF EMBANKMENT
PRESENT ROAD 1/4 LINE	CATCH BASIN
LIMITED ACCESS	MANHOLE
PROPERTY LINE (Except Land Lines)	DROP INLET
VACATED PLATTED PROPERTY	FIRE HYDRANT
CORPORATE OR CITY LIMITS	ARC LAMP
TRUNK HIGHWAY CENTER LINE	OTHER LAMPS (State Kind)
RETAINING WALL	RAILROAD CROSSING SIGN
STEAM RAILROAD	RAILROAD CROSSING BELL
ELECTRIC RAILROAD	ELECTRIC WARNING SIGN
RAILROAD RIGHT-OF-WAY LINE	CROSSING GATE
CREEK	CATTLE GUARD
RAPIDS OR WATERFALL	OVERHEAD (Highway Over)
DRY RUN	UNDERPASS (Highway Under)
DRAINAGE DITCH	ADJUTMENT, WALL & PIER
HIGH TENSION LINE	BRIDGE
POWER POLE LINE	CULVERT
TELEPHONE OR TELEGRAPH LINE	BUILDING (One Story Frame)
TELEPHONE CONDUIT	C-CONCRETE S-STONE T-TILE B-BRICK ST-STUCCO
GUARD RAIL	HEDGE
WIRE FENCE	IRON PIPE
RAILROAD SNOW FENCE	STONE MONUMENT
BOARD OR HIGHWAY SNOW FENCE	WOOD STAKE OR HUB
STONE WALL OR FENCE	MEANDER CORNER
GAS MAIN	
WATER PIPE	
SEWER PIPE	
DRAIN TILE	
GRAVEL PIT	
SAND PIT	
CLAY PIT	
ROCK QUARRY	
SPRINGS	
MARSH	



NOTE: SECTION NUMBERS READ FROM THE SOUTH

PIT DATA

PIT NO.	Located in	Dead Haul
PIT NO.	Located in	Dead Haul
PIT NO.	Located in	Dead Haul
PIT NO.	Located in	Dead Haul



BEG. OF PROJ. STA. 55+94.8
END OF PROJ. STA. 105+56.14

**OFFICE OF COUNTY ENGINEER
RAMSEY COUNTY**
CONSTRUCTION PLAN FOR GRADING AND PAVING
COUNTY ROAD "C"

FROM: A POINT 291.36' EAST OF S.W. COR. OF SEC. 4 T. 29 N., R. 23 W.
TO: A POINT 34.44' EAST OF AND APPROX. 127.5' NORTH OF S.E. COR. OF SEC. 4 T. 29 N., R. 23 W.
S.P. 62-623-02 MINN. PROJ. SU 7515 (1)

GROSS LENGTH	4961.34 FEET	0.940 MILES
BRIDGES-LENGTH	0 FEET	0 MILES
EXCEPTIONS-LENGTH	0 FEET	0 MILES
NET LENGTH	4961.34 FEET	0.940 MILES

SCALES

PLAN, 1 inch = 100 Feet	PROFILE, Horiz. 1 inch = 100 Feet. Vert. 1 inch = 10 Feet.
LAYOUT, 1 inch = 2640 Feet	Cross-Sections 1 inch = 10 Feet

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION & ESTIMATED QUANTITIES
3	SPECIAL DETAILS & DRAINAGE STRUCTURE CHART
4	CONSTRUCTION PLAN - PANEL LAYOUT
586	PLAN & PROFILE SHEETS
7 TO 17	CROSS-SECTIONS

DESIGN SPEED - 40 M.P.H.
DESIGN LOAD - 9 TON
PROJECTED TRAFFIC COUNT - 1980 - 8,000 V.R.D.

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.
Frank A. ... REG. NO. 2042 DATE 2-15-63

RECOMMENDED FOR APPROVAL *Dean R. ...* DATE 2/15/63
COUNTY ENGINEER
APPROVED *Pro ...* DATE 2-18-63
CHAIRMAN OF RAMSEY COUNTY BOARD

MINNESOTA STATE HIGHWAY DEPARTMENT
RECOMMENDED FOR APPROVAL *J.D. McMillan* DATE 3/20/63
RECOMMENDED FOR APPROVAL *Graydon Beck* DATE 3-7-63
ASST. DISTRICT ENGINEER
APPROVED *S.M. ...* DATE 3/20/63
STATE AID ENGINEER

SPECIFICATIONS
THE "SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" DATED MAY 1, 1959 AND SUBMITTED FOR APPROVAL BY THE DIVISION ENGINEER OF THE BUREAU OF PUBLIC ROADS ON MARCH 26, 1959 SHALL GOVERN.

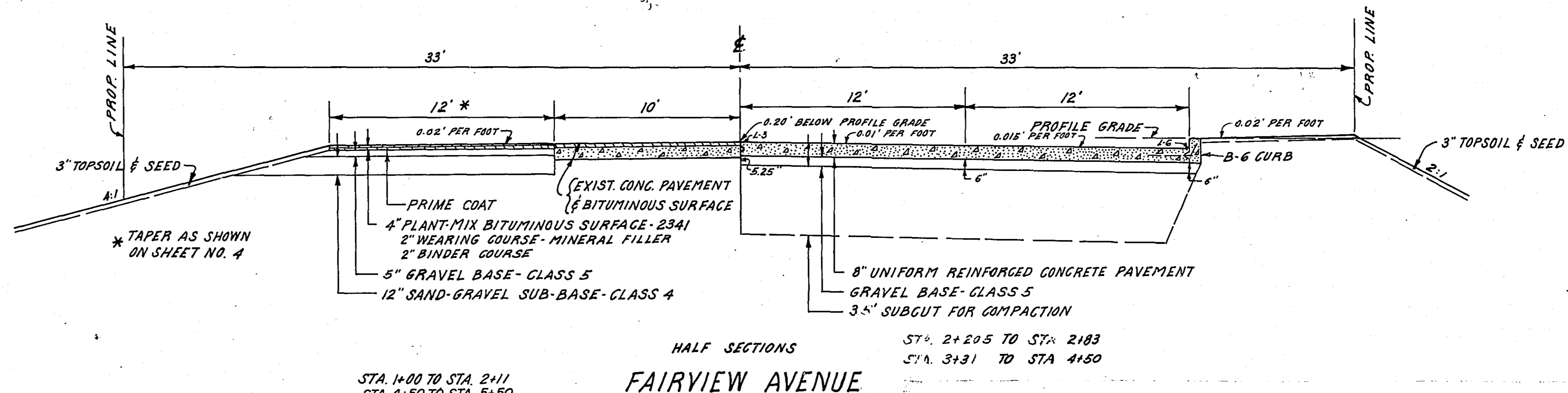
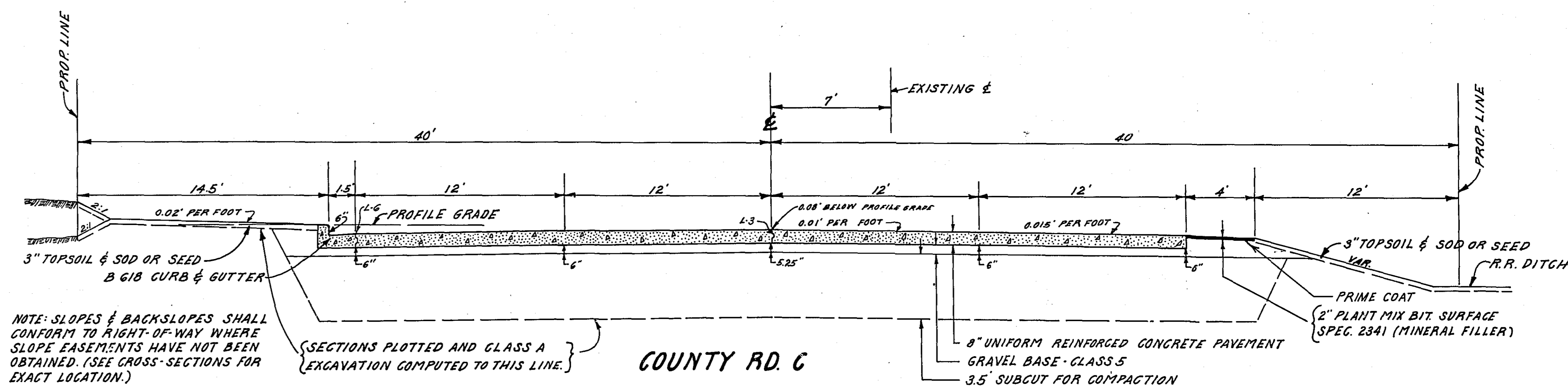
ESTIMATED QUANTITIES			
SPEC. NO.	DESCRIPTION	UNIT	TOTAL ESTIMATED QUANTITIES
2101.502	CLEARING	TREE	10
2101.507	GRUBBING	TREE	13
2104.502	REMOVE PAVEMENT	SQUARE YARD	12,985
2104.510	REMOVE FENCE	LINEAR FEET	245
2104.515	REMOVE PIPE SEWERS	LINEAR FEET	30
2105.501	CLASS A EXCAVATION	CUBIC YARD	70,450
2110.503	SAND-GRAVEL FILL IN PLACE (2)	CUBIC YARD	4300
2123.506	3/4 CUBIC YARD DRAGLINE (1)	HOUR	68
2123.509	DOZER (1)	HOUR	60
2201.526	GRAVEL SUB-BASE IN PLACE (CLASS 4)	TON	480
2202.526	GRAVEL BASE IN PLACE (CLASS 5)	TON	11,740
2301.511	8" CONCRETE PAVEMENT (STANDARD STRENGTH)	SQUARE YARD	25,445
2301.521	8" CONCRETE PAVEMENT (HIGH EARLY STRENGTH)	SQUARE YARD	2,237
2301.521	8" CONCRETE PAVEMENT, ENTRANCES (HIGH EARLY STRENGTH)	SQUARE YARD	12,29
2301.531	REINFORCEMENT BARS	POUND	17,500
2301.533	STEEL FABRIC	SQUARE YARD	27,587
2301.536	DOWEL BAR ASSEMBLIES	LINEAR FEET	6288
2301.549	CONCRETE TREATING OIL	GALLON	1620
2341.501	BITUMINOUS MATERIAL FOR PRIME COAT	GALLON	854
2341.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	35
2341.504	BITUMINOUS MATERIAL FOR MIXTURE	TON	22
2341.511	BITUMINOUS MIXTURE (BINDER COURSE)	TON	78
2341.511	BITUMINOUS MIXTURE (WEARING COURSE)	TON	327
2356.505	BITUMINOUS MATERIAL FOR SEAL COAT	GALLON	471
2356.507	SEAL COAT AGGREGATE (F.A. 2)	CU. YARD (V.M.)	24
2441.502	SINGLE LANE BY-PASS	BY-PASS	1
2503.512-21	F.F.I. R.C. PIPE SEWER, CLASS II	LINEAR FEET	380
2503.512-24	F.F.I. R.C. PIPE SEWER, CLASS II	LINEAR FEET	570
2503.512-30	F.F.I. R.C. PIPE SEWER, CLASS II	LINEAR FEET	84
2503.512-78	F.F.I. R.C. PIPE SEWER, CLASS II	LINEAR FEET	208
2503.514-15	F.F.I. C.M. PIPE SEWER	LINEAR FEET	134
2503.514-42	F.F.I. C.M. PIPE SEWER	LINEAR FEET	50
2515.541	F.F.I. CONCRETE APRONS FOR S.C. PIPE, 21"	APRONS	3
2515.541	F.F.I. CONCRETE APRONS FOR S.C. PIPE, 24"	APRONS	4
2506.506	CONSTRUCT MANHOLES, DESIGN A	LINEAR FEET	6.5
2506.507	CONSTRUCT CATCH BASINS, DESIGN No. 1	LINEAR FEET	18.3
2506.507	CONSTRUCT CATCH BASINS, DESIGN No. 2	LINEAR FEET	26.7
2506.511	RECONSTRUCT MANHOLES	LINEAR FEET	81.7
2506.516	F.F.I. CASTING ASSEMBLIES	ASSEMBLY	8
2506.522	ADJUST FRAME RING & CASTING	ASSEMBLY	5
2515.507	CONCRETE EROSION CONTROL STRUCTURE	CUBIC YARD	12.04
2531.501	CONCRETE CURB & GUTTER, DESIGN B & C	LINEAR FEET	4807
2531.502	CONCRETE CURB, DESIGN B & C	LINEAR FEET	627
2574.501	ROADSIDE SEEDING	ACRE	5.0
2574.511	SEED (CLASS 15)	POUND	600
2576.501	SODDING	SQUARE YARD	2545

(1) FOR SWAMP EXCAVATION
(2) PROVISIONS OF 1404 SHALL NOT APPLY

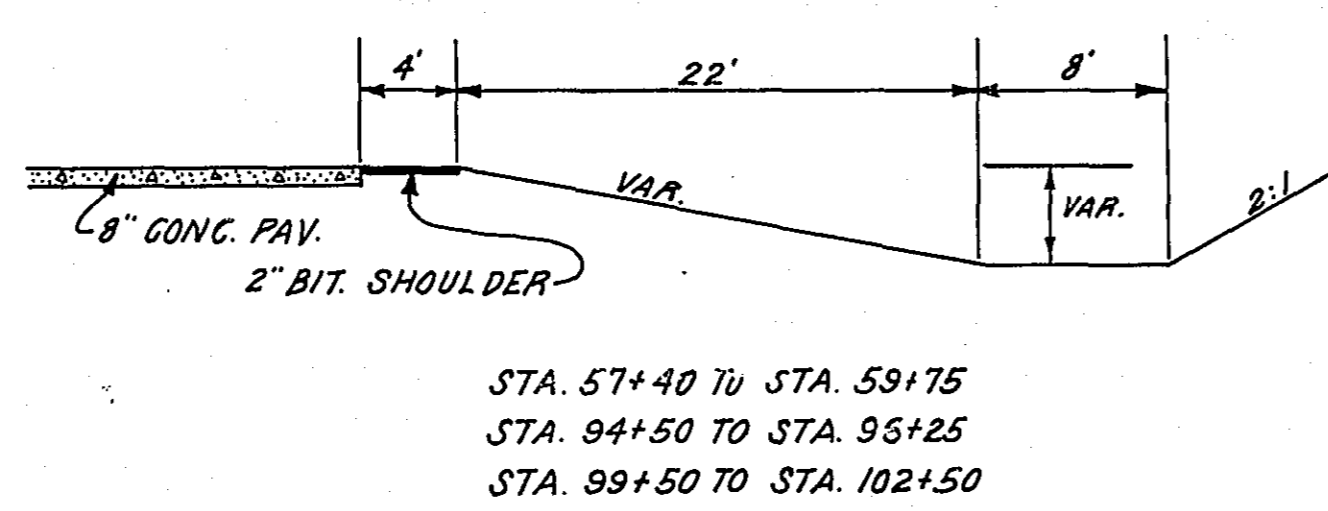
STANDARD DETAIL PLATES	
1012	CONCRETE PAVEMENT 8" UNIFORM x 24" WITH STEEL FABRIC REINFORCING
1075 F	PANELS ADJACENT TO RAILWAY CROSSINGS AND PAVEMENT HEADERS
1100 D	EXPANSION JOINTS (PLAIN)
1101 F	EXPANSION JOINTS (DOWELLED)
1103 B	DOWEL BAR ASSEMBLY (TYPE A)
1104 C	DOWEL BAR ASSEMBLY (TYPE B)
1105 B	DOWEL BAR ASSEMBLY (TYPE C)
1106 B	DOWEL BAR ASSEMBLY (TYPE D)
1107 C	DOWEL BAR ASSEMBLY (TYPE E)
1108 C	DOWEL BAR ASSEMBLY (TYPE F)
1120 E	CONTRACTION JOINTS
1140 E	LONGITUDINAL JOINTS
1141 A	PAVEMENT KEYWAY FOR KEYPED JOINT CONSTRUCTION
1150 E	CONSTRUCTION OF HEADER JOINT
1210 B	CONCRETE PAVEMENT ADJACENT TO RAILWAY CROSSING
3000 B	REINFORCED CONCRETE PIPE
3100 B	CONCRETE APRON FOR REINFORCED CONCRETE PIPE
4000 D	MANHOLE OR CATCH BASIN
4101 A	RING CASTING FOR MANHOLE OR CATCH BASIN
4126 B	CATCH BASIN FRAME CASTING
4143 C	BEEHIVE GRATE CASTING FOR CATCH BASIN
4149 B	GRATE CASTING FOR CATCH BASIN
4161 C	CURB BOX CASTING FOR CATCH BASIN
4180 D	MANHOLE STEP CASTING
7020 C	CONCRETE CURB
7035 D	CURB RETURN AT ENTRANCES
7100 C	CONCRETE CURB & GUTTER
7111 B	INSTALLATION OF CATCH BASIN CASTINGS
8000A & 8009	STANDARD BARRICADE
9102 A	SODDING AT PIPE CULVERT ENDS

SODDING			
STA. to	STA.	LOCATION	SQ. YD.
56+07	to 57+46	BOULEVARD LT	261
63+43	to 66+13	"	450
70+89	to 71+41	"	87
71+80	to 72+93	"	188
76+22	to 76+82	"	100
77+05	to 77+19	"	23
85+38	to 85+68	"	50
86+75	to 88+98	"	372
94+50	to 96+25	DITCH BOTTOM RT.	194
96+58	to 98+06	BOULEVARD LT.	247
98+74	to 100+06	"	220
99+50	to 102+25	DITCH BOTTOM RT.	306
59+00	RT.	CULVERT END	625
68+68	RT. & LT.	"	14
75+68	LT.	"	7
94+50	RT.	"	6.25
99+50	RT.	"	6.25
105+00	RT.	"	7
Total			2,544.75
USE			2545

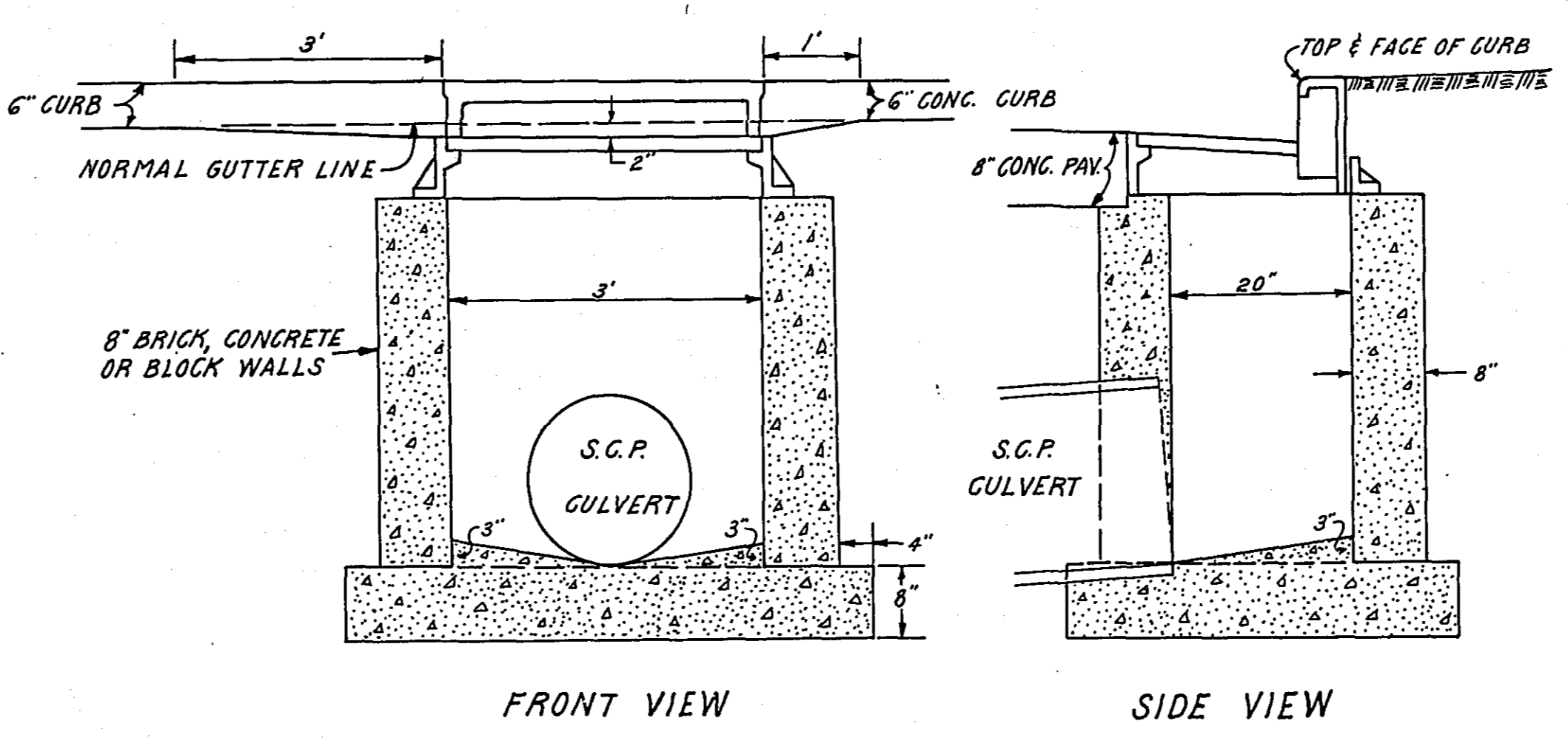
TYPICAL SECTIONS



SPECIAL DITCH RT.

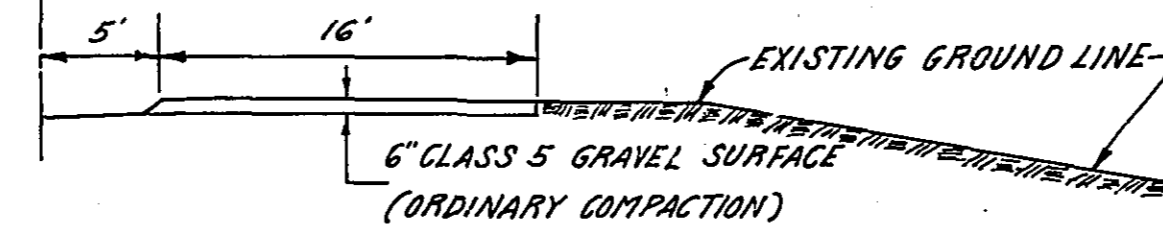


CATCH BASIN DESIGN NO. 2

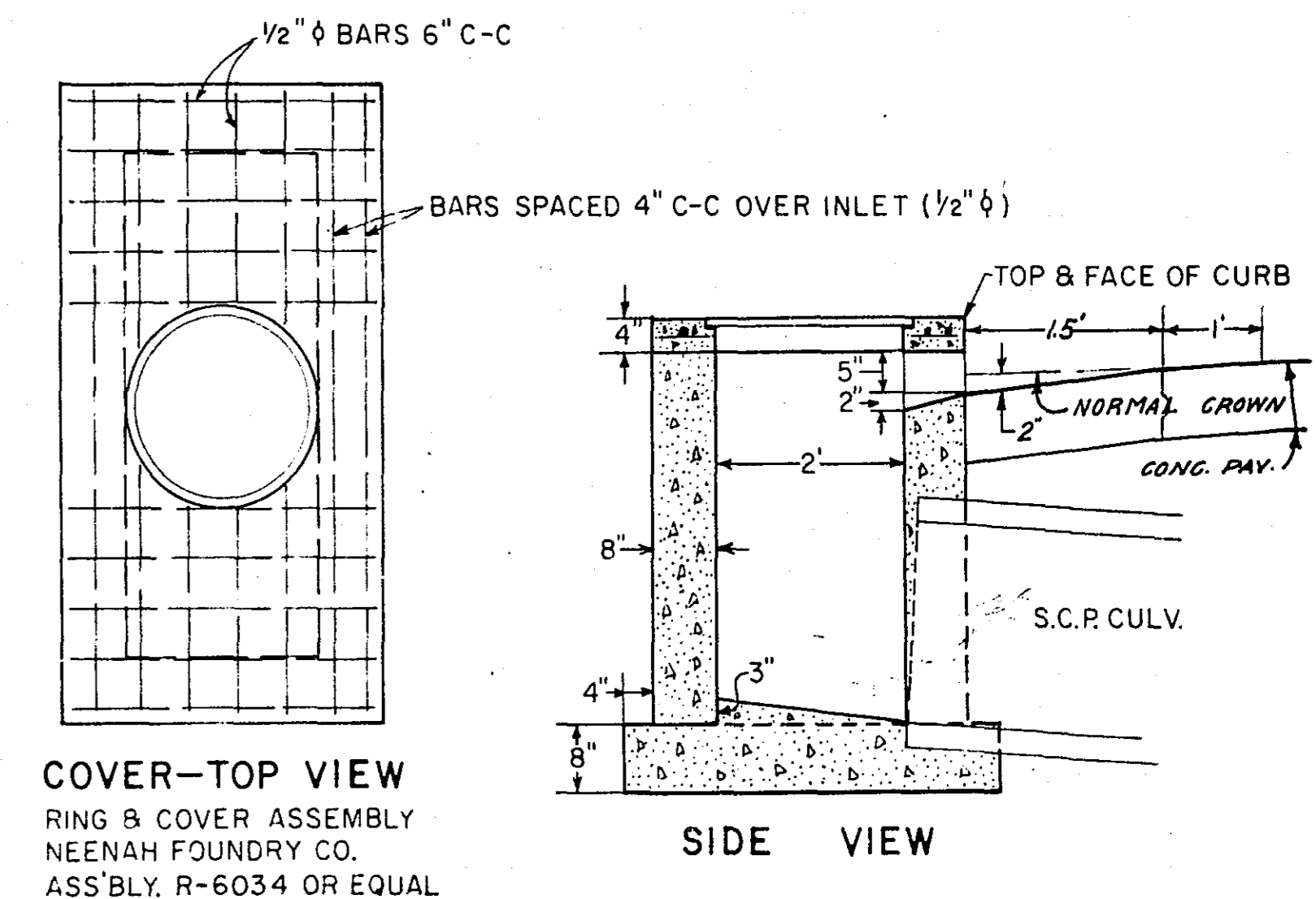


INLET & GRATE ASSEMBLY - NEENAH FOUNDRY CO.
INLET NO. R-3246 OR EQUAL (OMIT FRONT FLANGE ON R-3246.)
GRATE NO. R-3267 OR EQUAL.

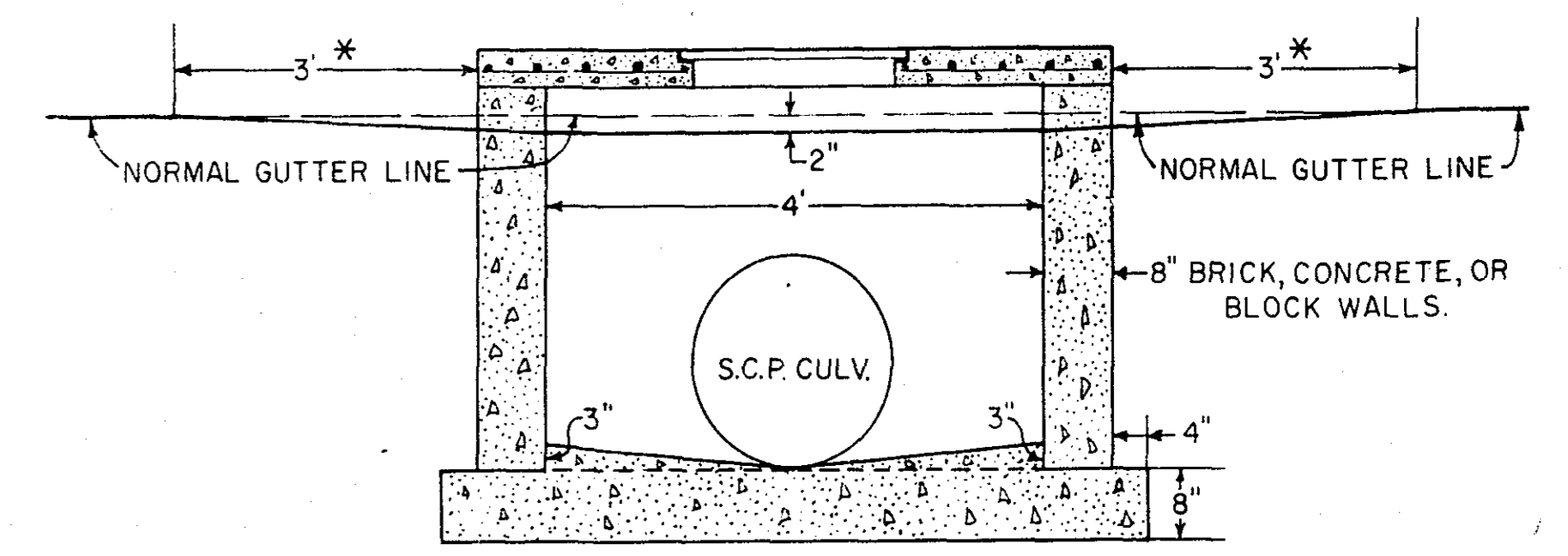
BY-PASS TYPICAL SECTION
STA. 55+00 TO STA. 59+50



CATCH BASIN DESIGN NO. 1



FRONT VIEW



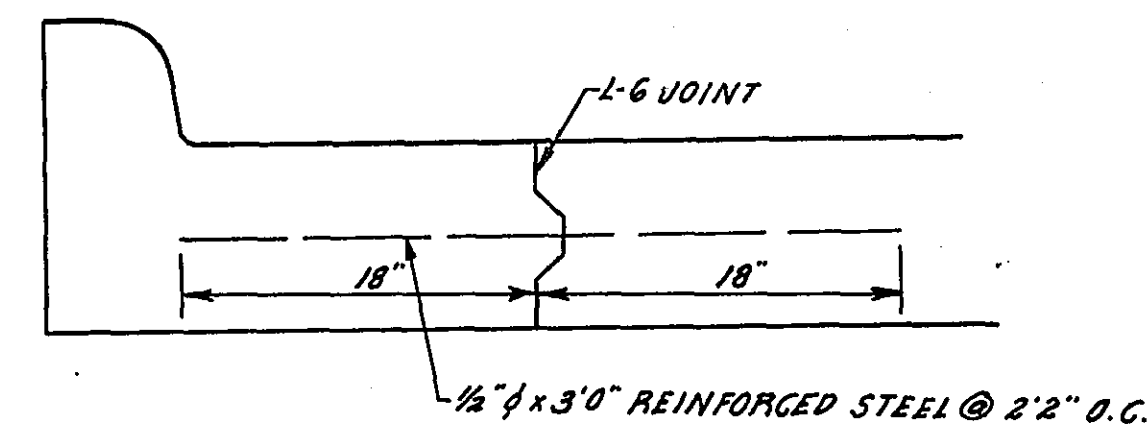
* CONSTRUCT 3 LIN. FT. CONCRETE CURB ON EACH SIDE OF CATCH BASINS.
CHANGE 3" GUTTER TAPER TO 1" ON DOWN-HILL SIDE.

DRAINAGE

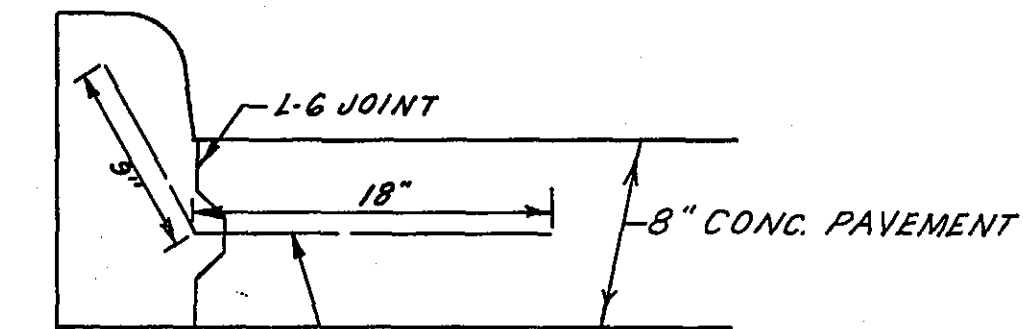
STRUCTURES

STATION	LOCATION	STRUCTURE										F.F.I. REINFORCED CONCRETE PIPE SEWER				F.F.I. APRON				
		NO.	TYPE	DESIGN	CONST. HEIGHT LIN. FT.	F.F.I. CASTING ASSEMBLY	GRAFF OR RING	ELEVATION INVERT	OFFICIAL GRAFF OR RING	ADJUST CASTING ASSEMBLY	RECONSTR. M.H. OR C.B. LIN. FT.	LINEAR FEET	TO STRUCTURE NO.							
												15" C.M.	21"	24"	42" C.M.	78"				
56+57	LT. 21.5	1	M.H.				920.41	920.44												
59+00	LT. 25.15	2	C.B.	2	3.4'	1	923.56	920.5							60'				APRON-EL. 920.	1
59+63	LT. 17	3	M.H.				924.67	926.01		10.0'										
63+03	LT. 15	4	M.H.				926.83	928.02		1.2'										
66+17	LT. 15	5	M.H.				926.33	928.05		10.0'										
68+32	LT. 14	6	M.H.				925.78	926.99		8.5'										
68+68	LT. 25.15	7	C.B.	2	5.1'	1	925.01	919.8							86'				LT. 46' TO RT. 40'	2
70+63	RT. 40	8	M.H.					924.08	O.K. LEAVE											
70+71.5	LT. 15.5	9	M.H.				925.13	926.73		8.0'										
72+21.5	LT. 13	10	M.H.				924.78	926.58		9.2'										
73+46	LT. 15	11	M.H.				924.43	925.81		10.5'										
75+66	RT. 56	12	C.B.				915.6	920.30	O.K. LEAVE						80'				13	
75+66	LT. 25.15	13	C.B.	2	5.4'	1	923.48	918.0							20'				APRON-45' LT.	1
76+54	LT. 15.6	14	M.H.				923.62	925.39		9.5'										
79+13	LT. 14.5	15	M.H.				923.01	923.74												
79+20	RT. 56	16	C.B.				914.44	921.33	O.K. LEAVE											
79+20	LT. 34	17	C.B.	1	6.9'		922.5	917.0							90'				16-EL. 916.0	
79+73	RT. 41	18	M.H.				923.01	923.97		1.0'										
79+74	LT. 30	19	M.H.				922.67	923.49												
81+54	RT. 64	20	C.B.	Beehive		1	918.1	908.7	916.55	3.5'										
82+00	LT. 27.17	21	C.B.	1	6.2'		918.3	917.0							100'				20-EL. 916.0	22
82+01	RT. 44	22	JUNCTION #				908.4												208 83+80-LT. 62'-EL. 914.6	
85+10	LT. 25.15	23	C.B.	2	4.5'	1	924.30	920.65							60' C.M.					
87+51	LT. 31	24	M.H.				928.46	927.44		10.2'										
89+38	LT. 31.5	25	M.H.				928.11	927.63												
92+79	LT. 30	26	M.H.				923.11	923.80												
94+50	LT. 25.15	27	C.B.	2	4.5'	1	919.27	915.0							65'				APRON-EL. 914.5	1
96+18	LT. 31	28	M.H.				917.47													
99+50	LT. 25.15	29	C.B.	2	3.8'	1	914.95	911.5							65'				APRON-EL. 911.0	1
99+54	RT. 40	30	M.H.					912.83	O.K. LEAVE											
99+57	LT. 25	31	M.H.				915.13	913.43		1.7'										
101+75	LT. 27.17	32	C.B.	1	5.2'			910.3												
102+54	LT. 34	33	M.H.				915.18	913.27		1.9'										
104+13	LT. 27	34	C.B.				911.20	915.30	REMOVE											
105+00	LT. 24.38	35	M.H.	A	6.5'	1	915.70	909.0							18' C.M. LT.				24" APRON-EL. 908.0	1
105+35	RT. 53	36	C.B.				907.5	913.02	O.K. LEAVE											
99+60.2	LT. 40						F. & I. 30' x 84'	R. C. P. SEWER CLASS II											RT. 44'	
102+50	LT. 28																		LT. 40'	

CURB DETAILS



B 618 CONCRETE CURB



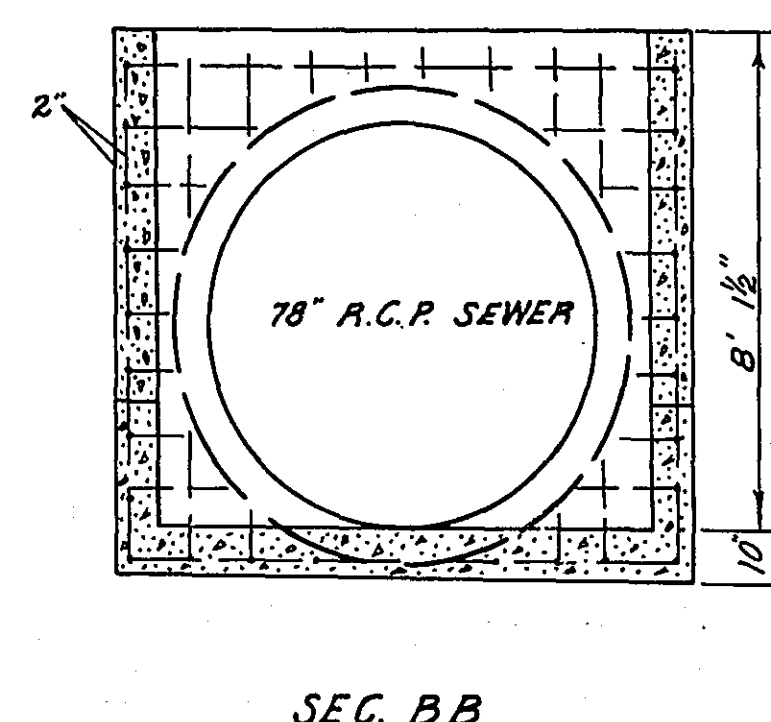
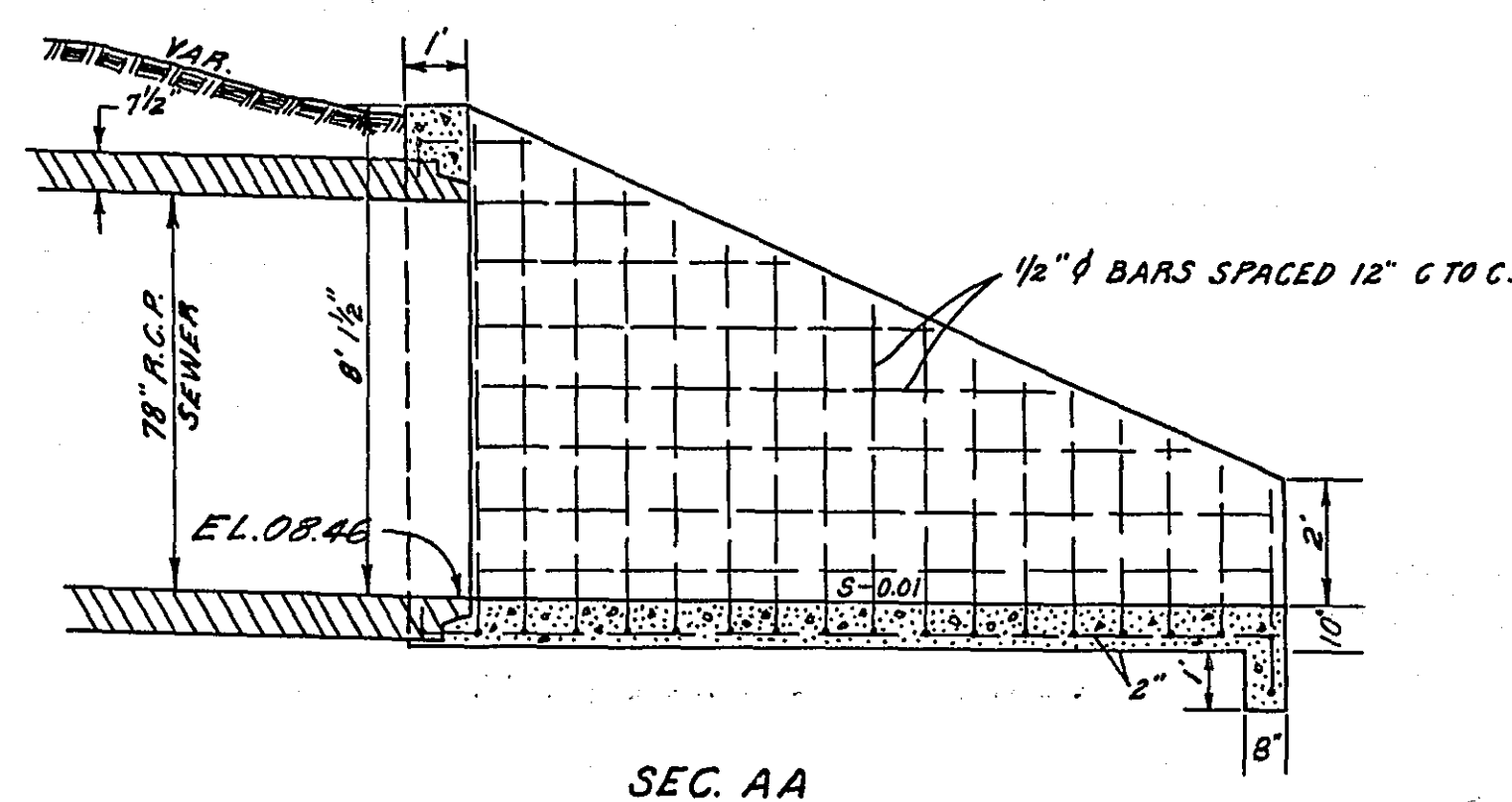
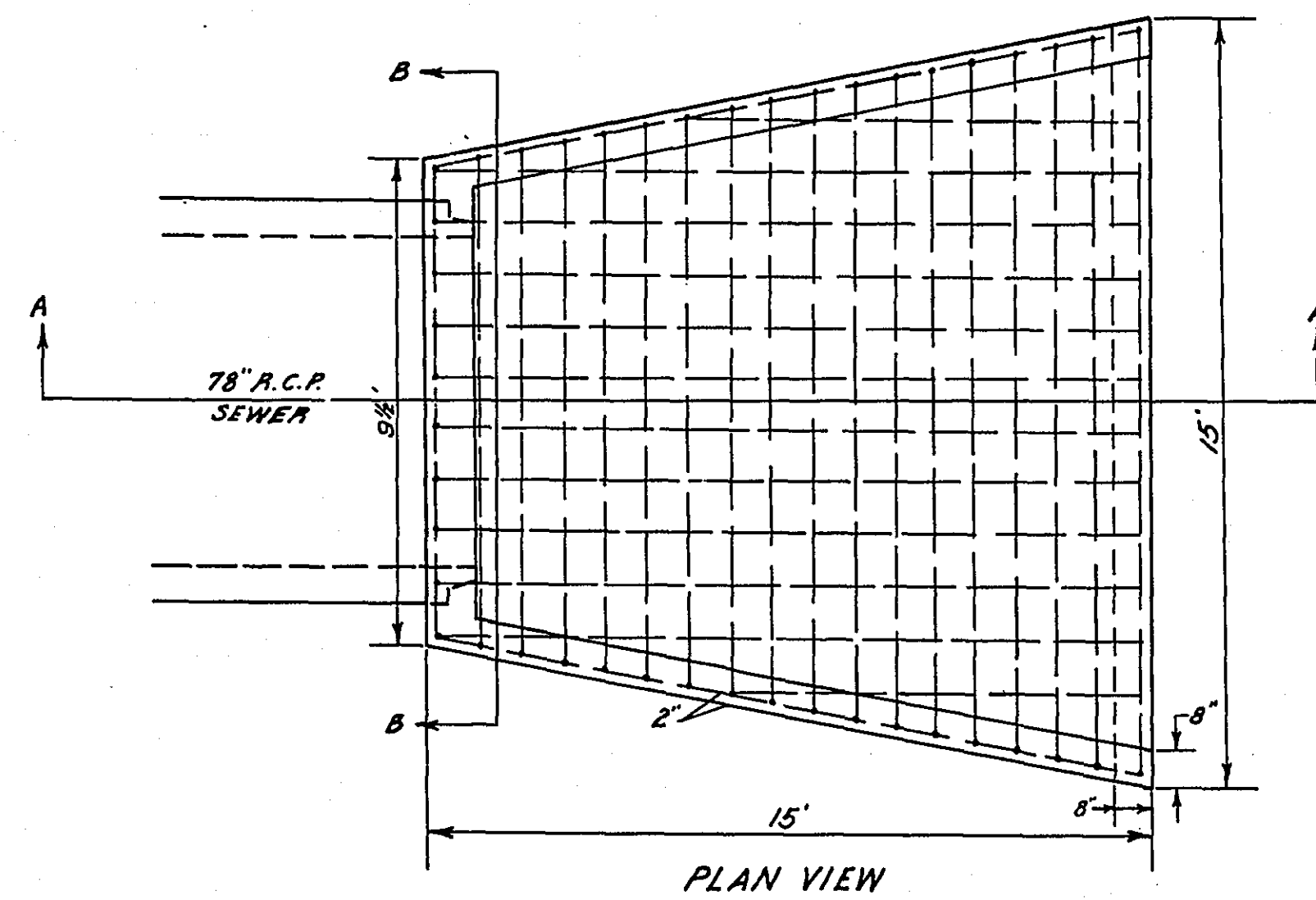
B 6 CONCRETE CURB

* BRICK JUNCTION 42" TO 78" WITH 8" THICK BRICK OR BLOCK WALL

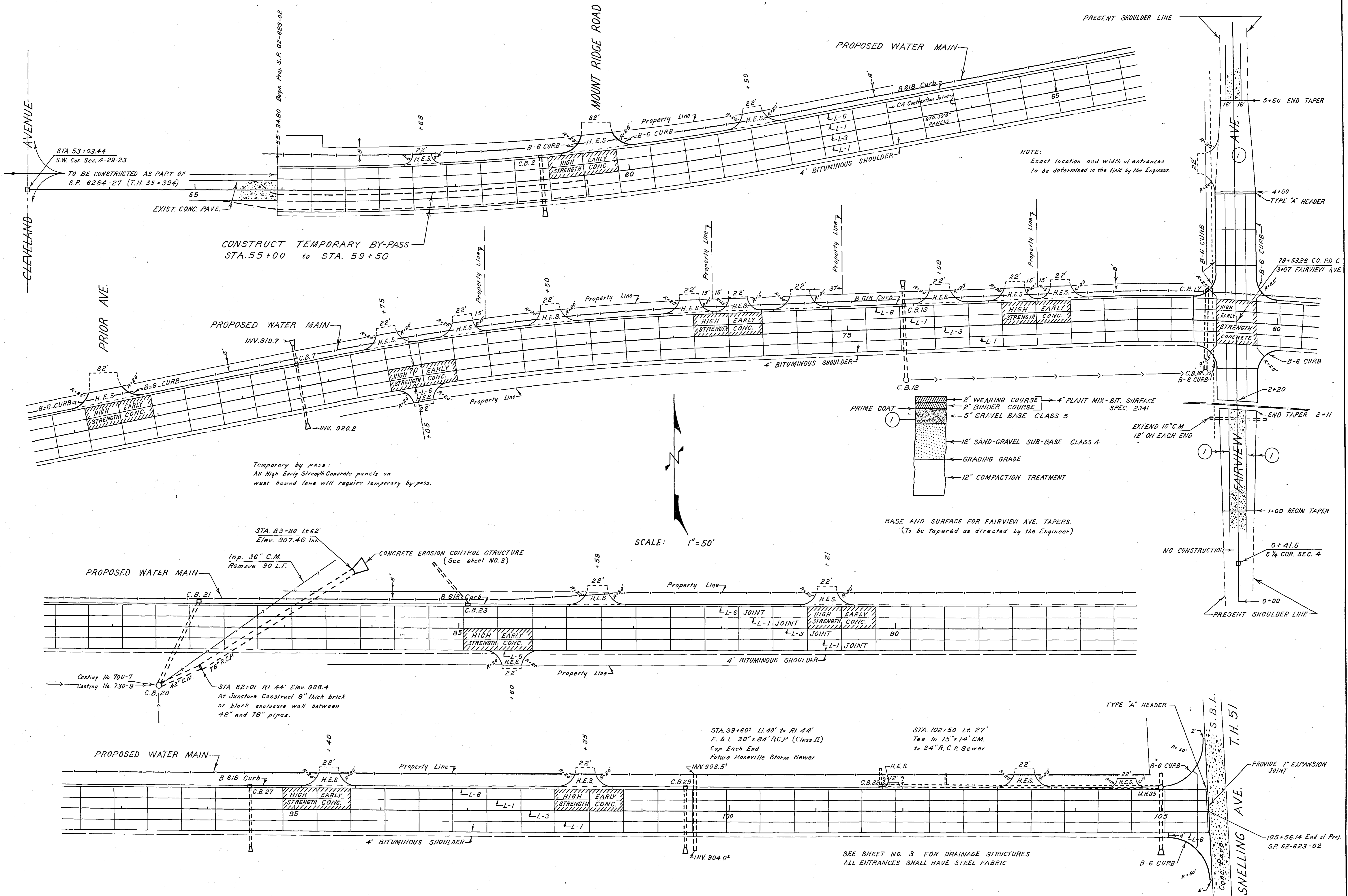
RECONSTRUCT MANHOLES

M.H. NO.	REMOVE	FURNISH
3	6' SECT.	4' SECT. & RINGS
5	4' SECT.	2' SECT. & RINGS
6	4' SECT.	USE 3' SECT. FROM OLD & RINGS
9	4' SECT.	2' SECT. & RINGS
10	3' SECT.	2' SECT. & RINGS
11	4' SECT.	2' SECT. & RINGS
14	3' SECT.	2' SECT. & RINGS
20	4' SECT.	2' SECT. & RINGS

- 1- GRATE FRAME NO. 801
 - 1- GRATE NO. 810
 - 1- CURB BOX NO. 821
 - 1- RING CASTING NO. 700-7
 - 1- CASTING NO. 730-9
- } DESIGN 'A'
} BEEHIVE



CONCRETE EROSION CONTROL STRUCTURE



STA. 53+03.44
S.W. Cor. Sec. 4-29-23
TO BE CONSTRUCTED AS PART OF
S.P. 6284-27 (T.H. 35+394)

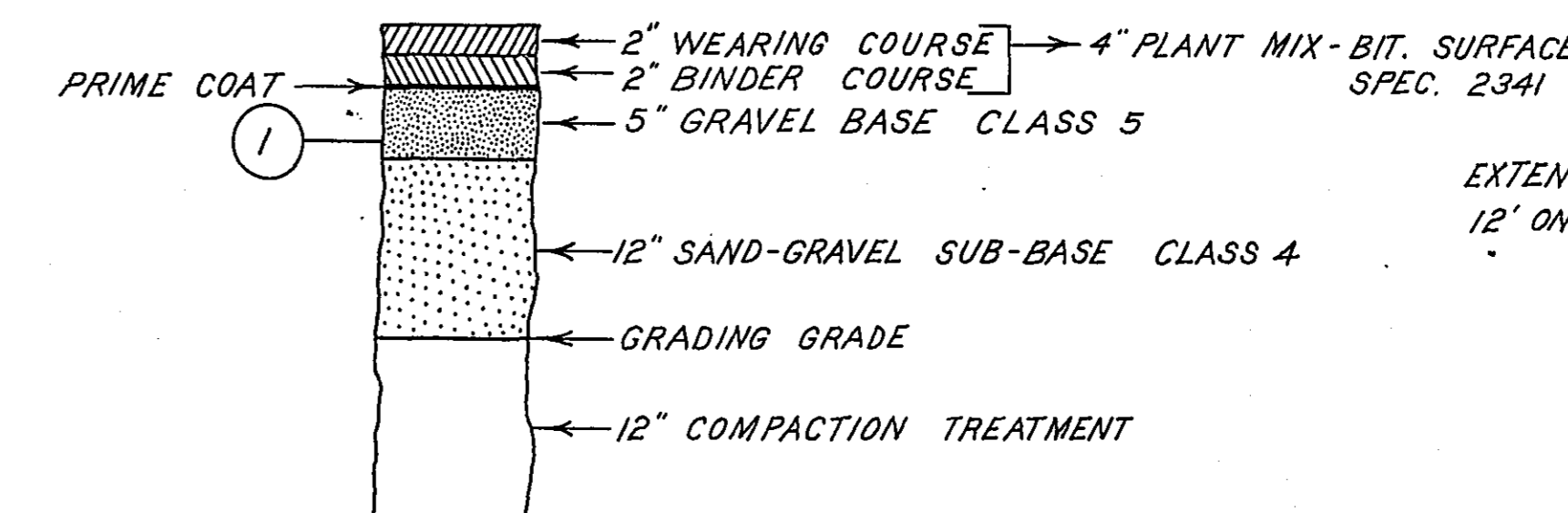
CONSTRUCT TEMPORARY BY-PASS
STA. 55+00 to STA. 59+50

Temporary by pass:
All High Early Strength Concrete panels on
west bound lane will require temporary by-pass.

SCALE: 1" = 50'

BASE AND SURFACE FOR FAIRVIEW AVE. TAPERS.
(To be tapered as directed by the Engineer)

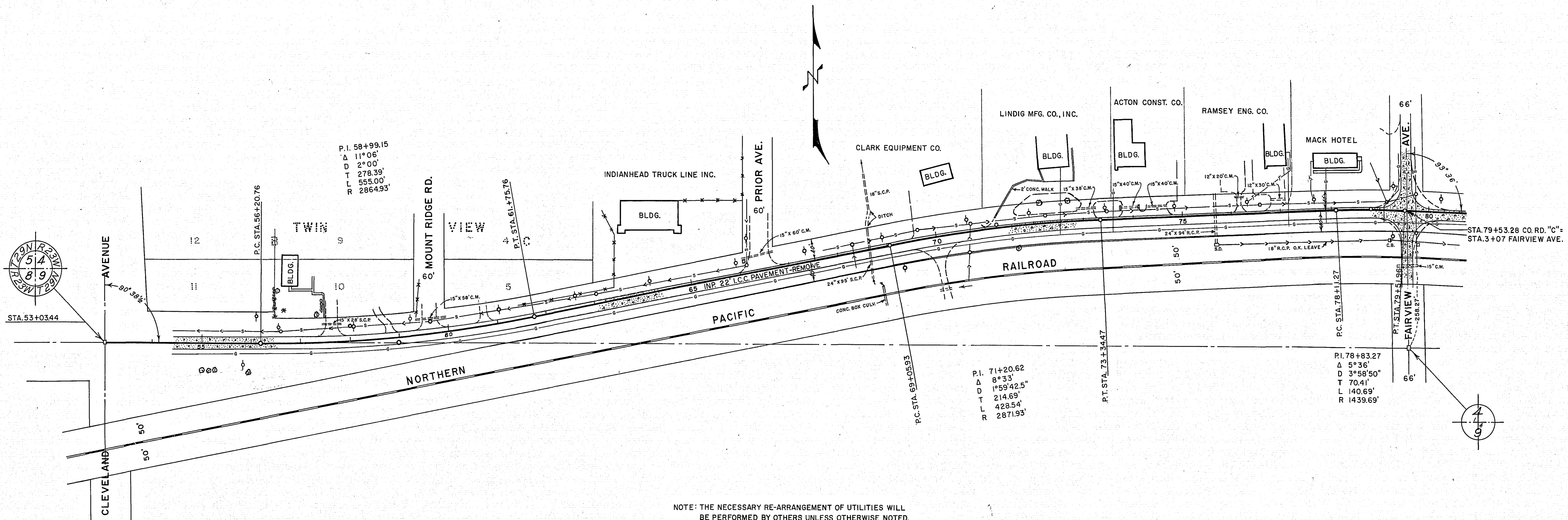
NOTE:
Exact location and width of entrances
to be determined in the field by the Engineer.



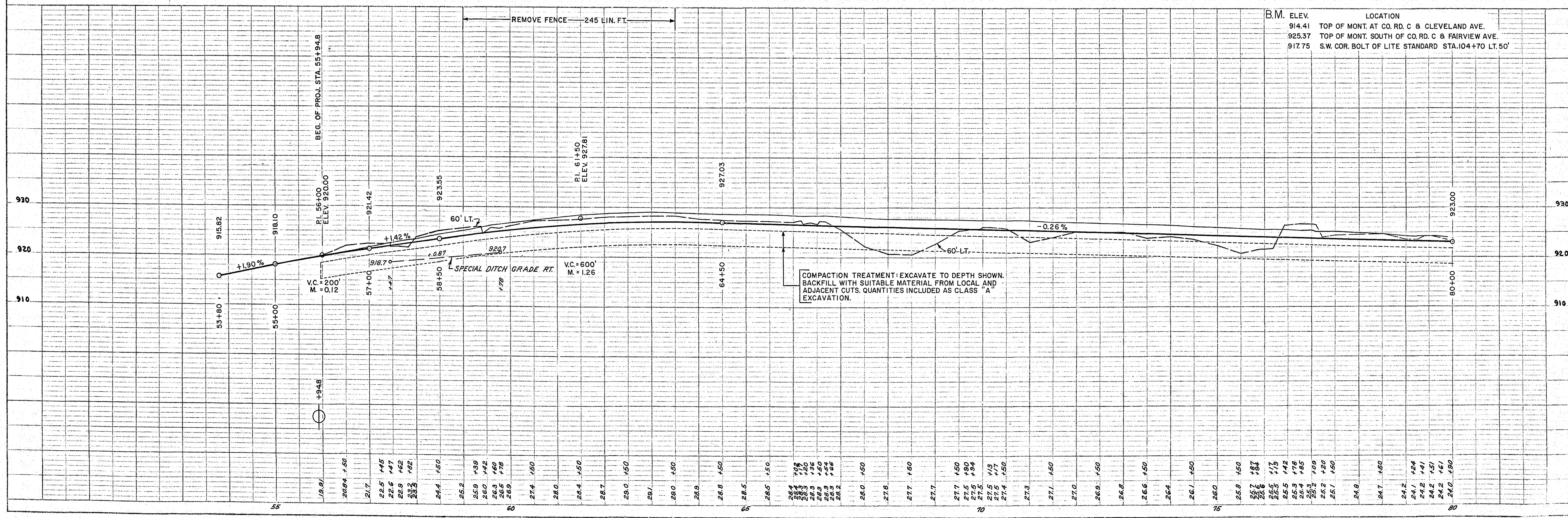
CONSTRUCTION PLAN

PLAN
 NOTE BOOK NO. 1000
 DATE 10/1/20
 NO. 1000

PROFILE
 NOTE BOOK NO. 1000
 DATE 10/1/20
 NO. 1000

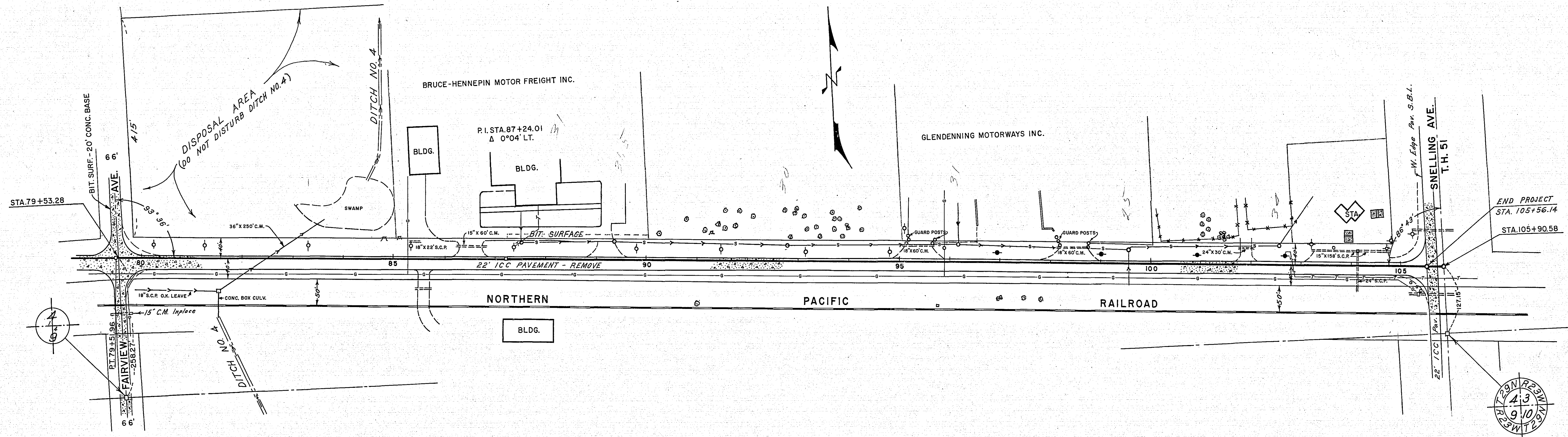


NOTE: THE NECESSARY RE-ARRANGEMENT OF UTILITIES WILL BE PERFORMED BY OTHERS UNLESS OTHERWISE NOTED.



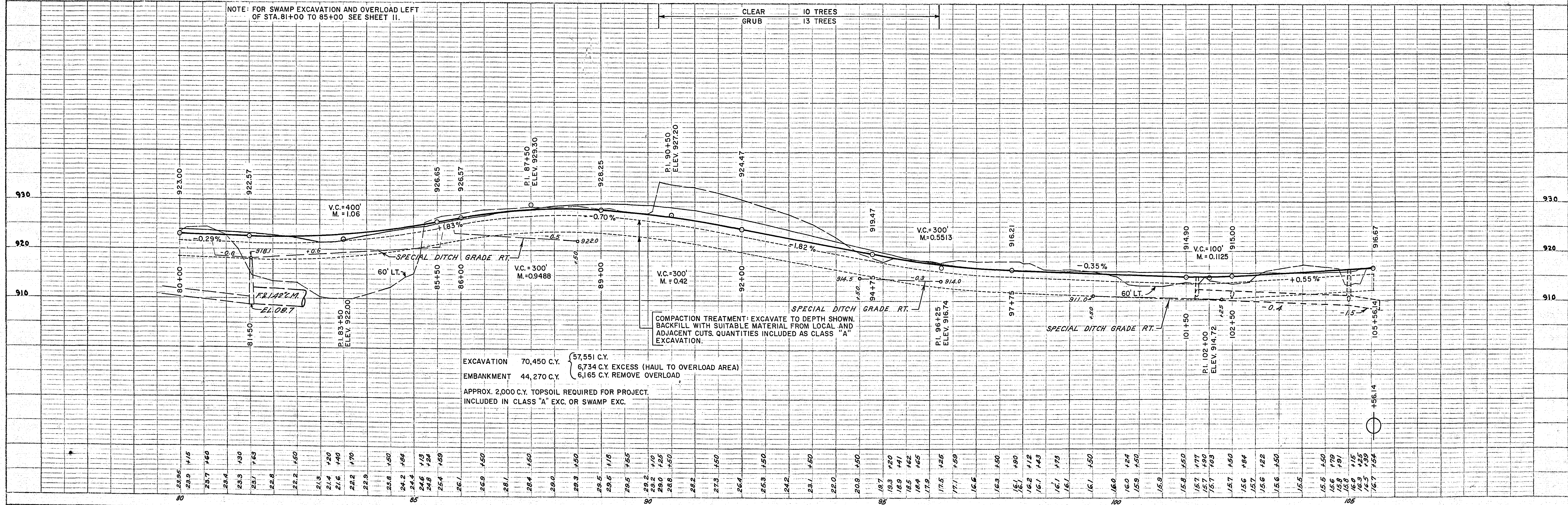
PLAN
 SURVEYED, PLOTTED, CHECKED, AND RECHECKED.
 NOTE BOOK ALIGNMENT CHECKED.
 NO. 25627

PROFILE
 SURVEYED, PLOTTED, CHECKED, AND RECHECKED.
 NOTE BOOK GRADES CHECKED.
 STRUCTURE NOTATIONS CHECKED.
 NO. 25627



NOTE: THE NECESSARY RE-ARRANGEMENT OF UTILITIES WILL BE PERFORMED BY OTHERS UNLESS OTHERWISE NOTED.

NOTE: FOR SWAMP EXCAVATION AND OVERLOAD LEFT OF STA. 81+00 TO 85+00 SEE SHEET II.



STATION-ELEVATION

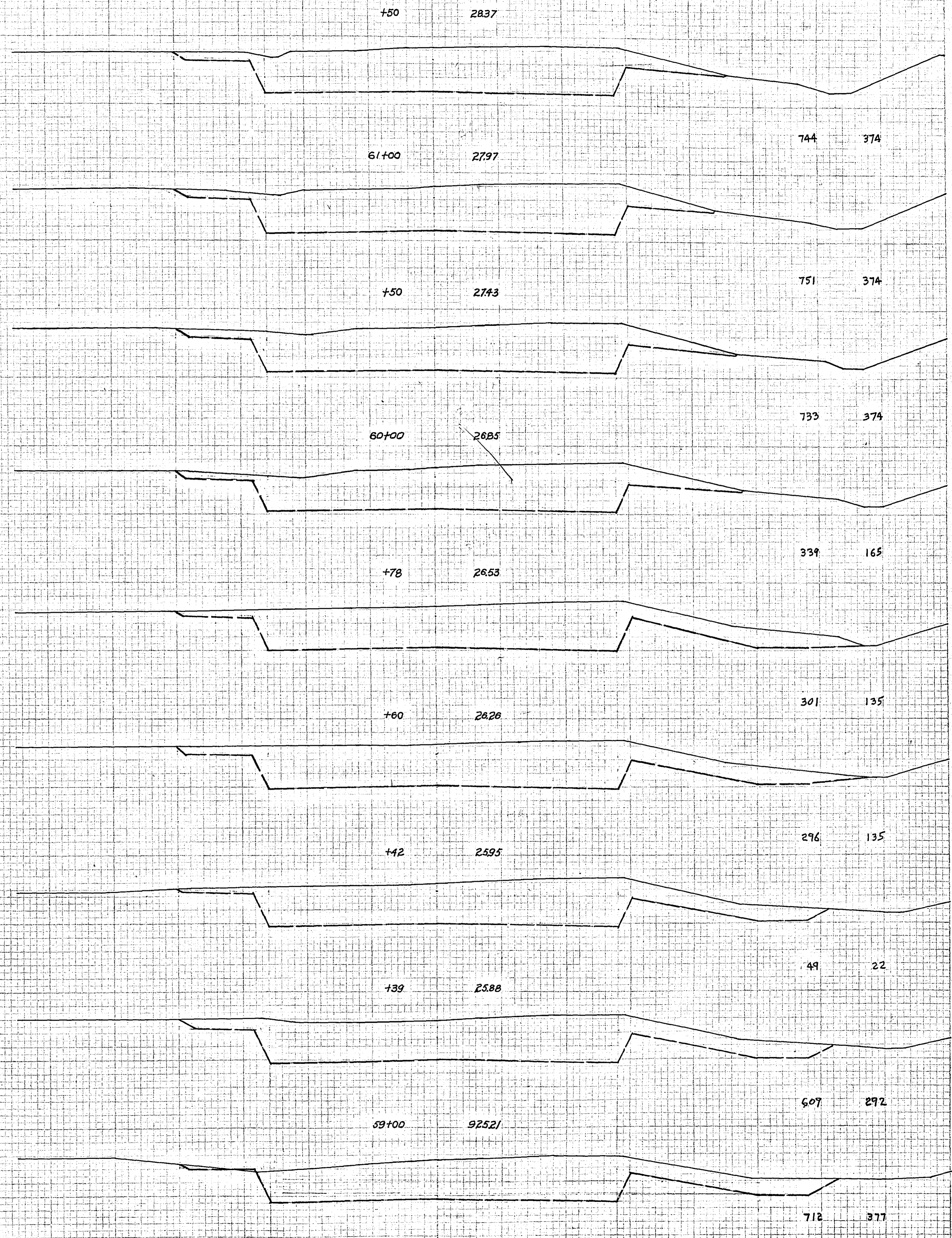
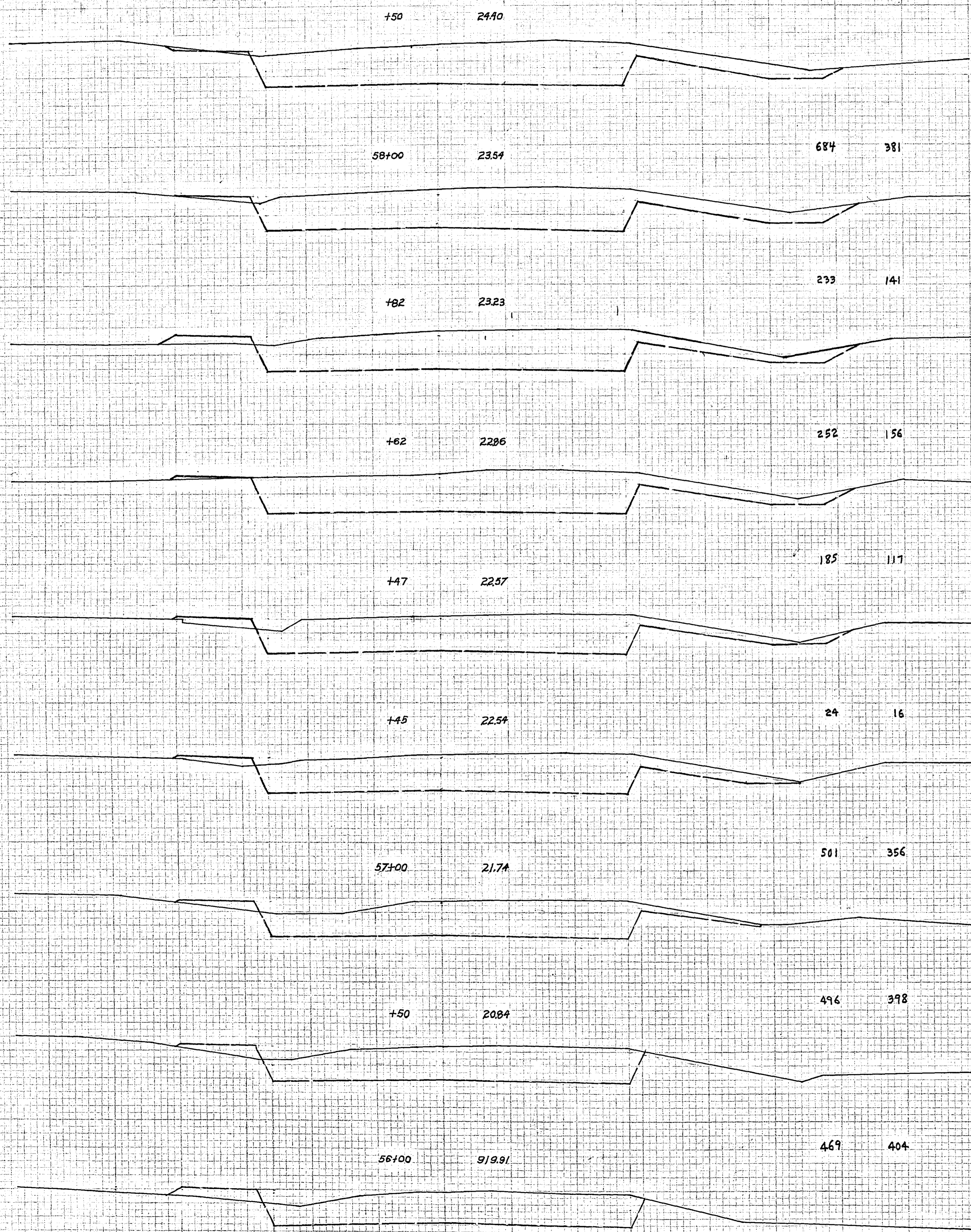
EXCAVATION / EMBANKMENT

SUB TOTALS - CU. YDS. / CU. YDS. - SUB TOTALS

STATION-ELEVATION

EXCAVATION / EMBANKMENT

SUB TOTALS - CU. YDS. / CU. YDS. - SUB TOTALS



JAMES J. JENSEN
 CIVIL ENGINEER
 LICENSE NO. 10000
 ST. PAUL, MINN.

CROSS SECTIONS SCALE 1" = 10'

STATION-ELEVATION

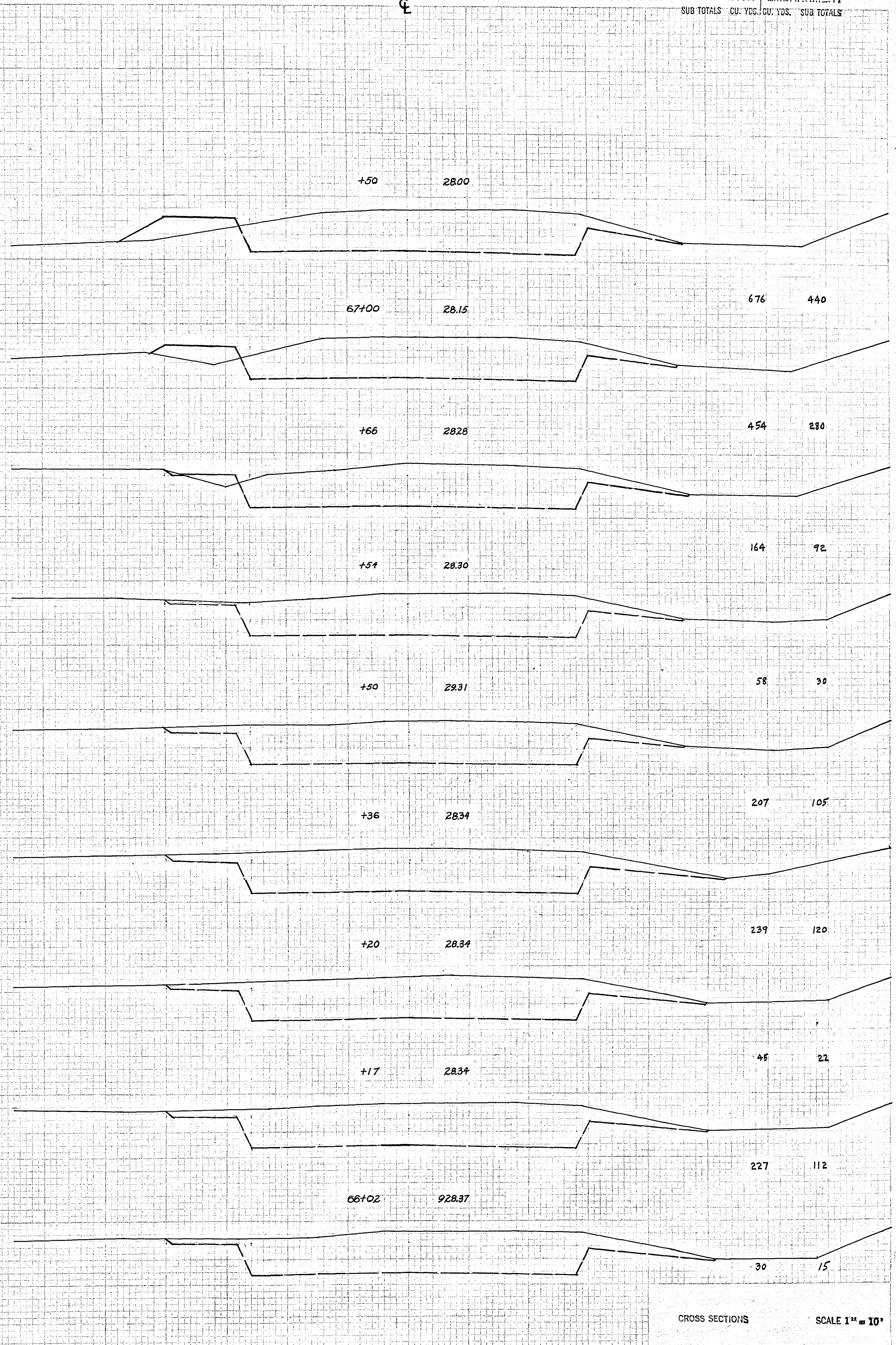
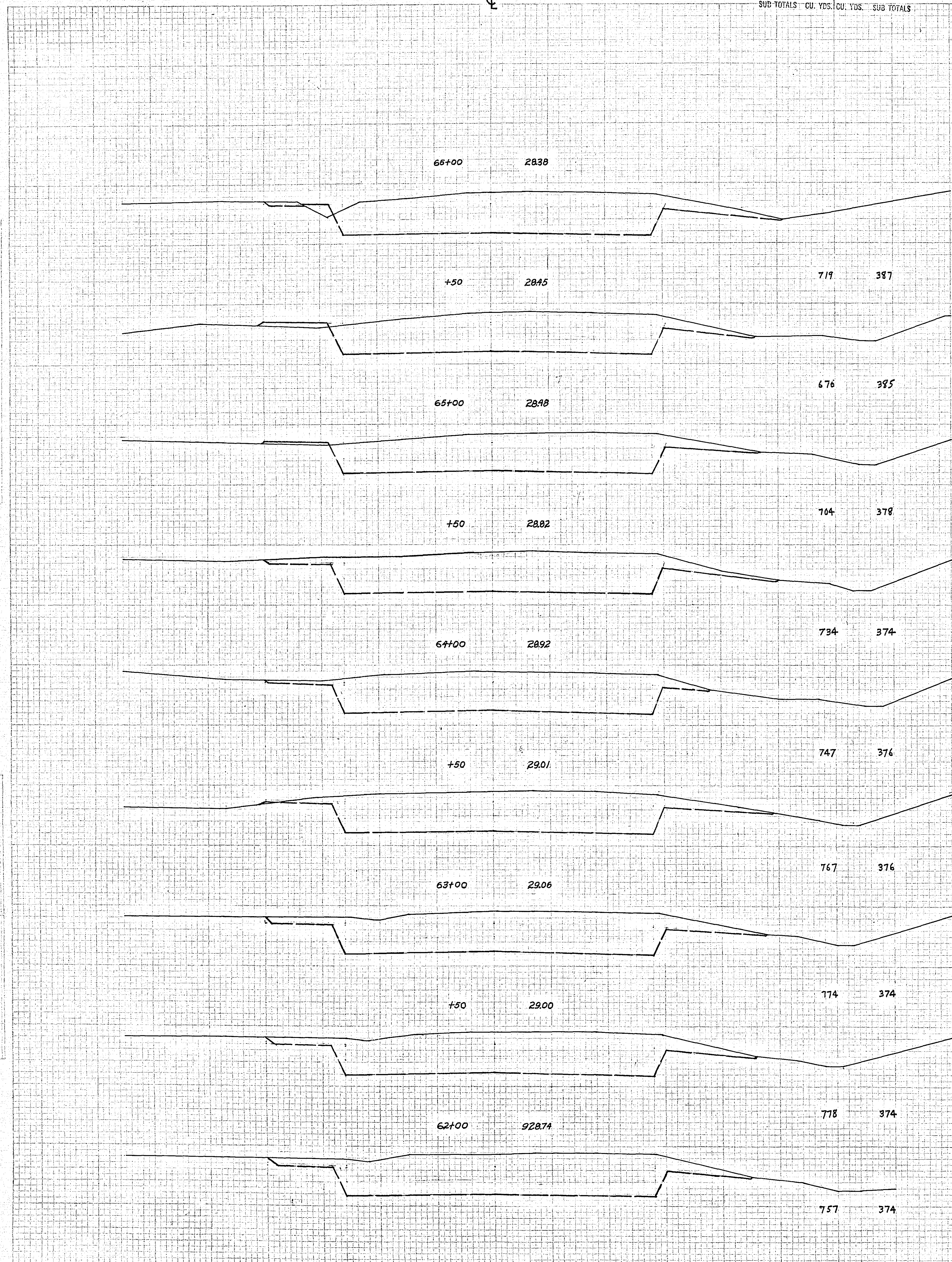
EXCAVATION | EMBANKMENT
SUB TOTALS - CU. YDS. | CU. YDS. | SUB TOTALS

STATION-ELEVATION

EXCAVATION | EMBANKMENT
SUB TOTALS - CU. YDS. | CU. YDS. | SUB TOTALS

DATE: 10/15/12
DRAWN BY: J. J. JENSEN
CHECKED BY: J. J. JENSEN
SCALE: 1" = 10'

DATE: 10/15/12
DRAWN BY: J. J. JENSEN
CHECKED BY: J. J. JENSEN
SCALE: 1" = 10'



CROSS SECTIONS SCALE 1" = 10'

STATION-ELEVATION
⊕

EXCAVATION | EMBANKMENT
SUB TOTALS - CU. YDS. | CU. YDS. | SUB TOTALS

STATION-ELEVATION
⊕

EXCAVATION | EMBANKMENT
SUB TOTALS - CU. YDS. | CU. YDS. | SUB TOTALS

+50 2739

+17 2745

+13 2747

70+00 2749

+94 2752

+90 2752

+50 2766

69+00 2771

+50 2773

68+00 2781

455 247

56 30

177 97

79 45

53 30

534 304

669 411

657 481

663 514

679 476

+50 2582

75+00 2599

+50 2613

74+00 2538

+50 2656

73+00 2676

+50 2694

72+00 2701

+50 2713

71+00 2725

665 451

698 413

692 381

706 378

735 376

748 374

731 374

733 374

755 374

723 374

CROSS SECTIONS SCALE 1" = 10'

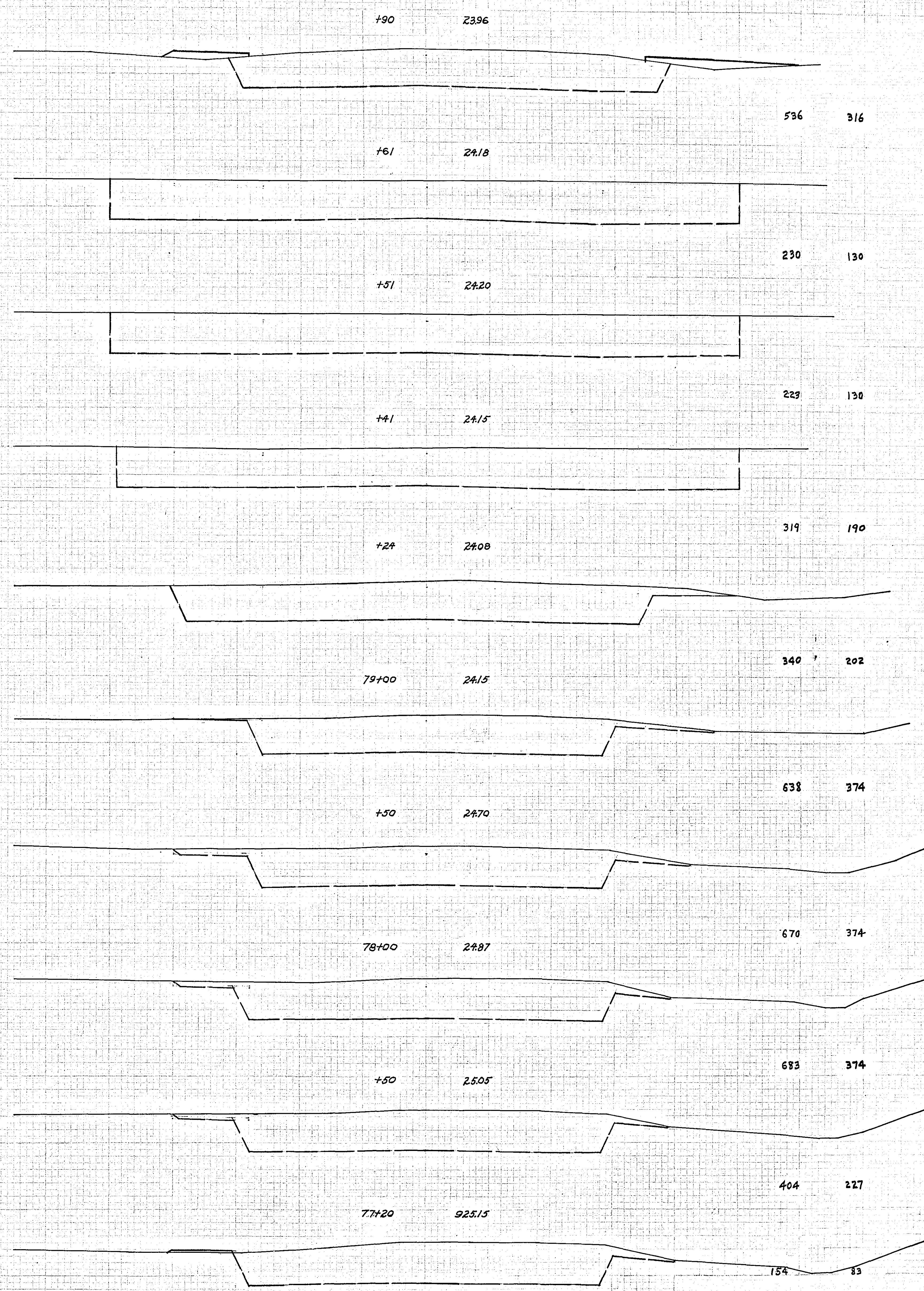
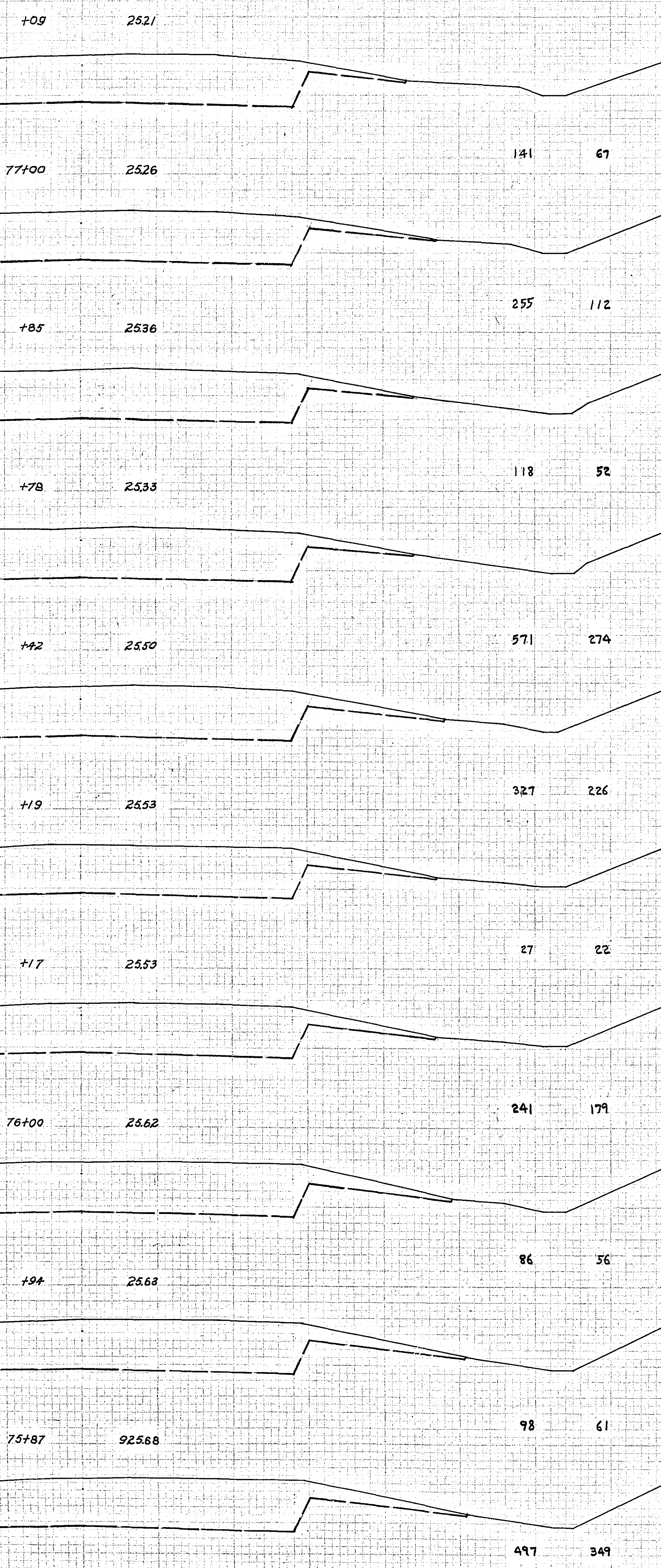
VERTICAL CURVE DATA
STATION 68+00
ELEVATION 2781
CURVE DATA
DATE 10/1/50
DRAWN BY J. J. [unclear]
CHECKED BY [unclear]

STATION-ELEVATION
±

EXCAVATION | EMBANKMENT
SUB TOTALS CU. YDS. CU. YDS. SUB TOTALS

STATION-ELEVATION
±

EXCAVATION | EMBANKMENT
SUB TOTALS CU. YDS. CU. YDS. SUB TOTALS



JAMES H. YENDEL
 CIVIL ENGINEER
 1000 W. WASHINGTON ST.
 ST. PAUL, MINN. 55102

CROSS SECTIONS SCALE 1" = 10'

STATION-ELEVATION
±

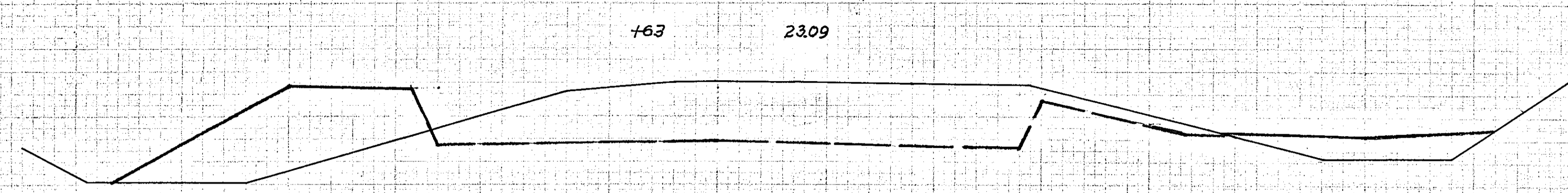
EXCAVATION | EMBANKMENT
SUB TOTALS CU. YDS. CU. YDS. SUB TOTALS

STATION-ELEVATION
±

EXCAVATION | EMBANKMENT
SUB TOTALS CU. YDS. CU. YDS. SUB TOTALS

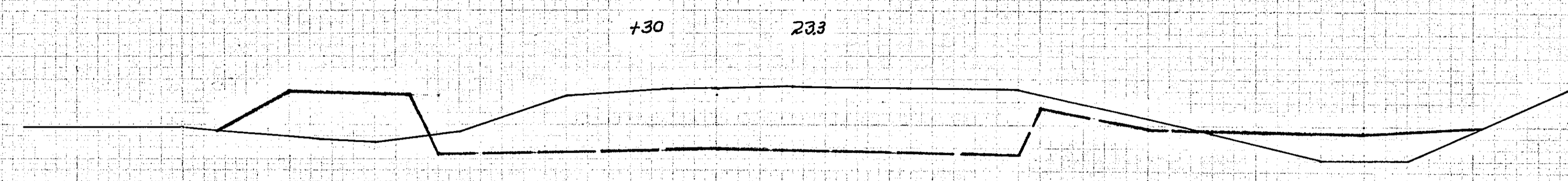
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DRAWN BY: J. W. BROWN
CHECKED BY: J. W. BROWN
SCALE: 1" = 10'

DATE: 10/1/54
DRAWN BY: J. W. BROWN
CHECKED BY: J. W. BROWN
SCALE: 1" = 10'



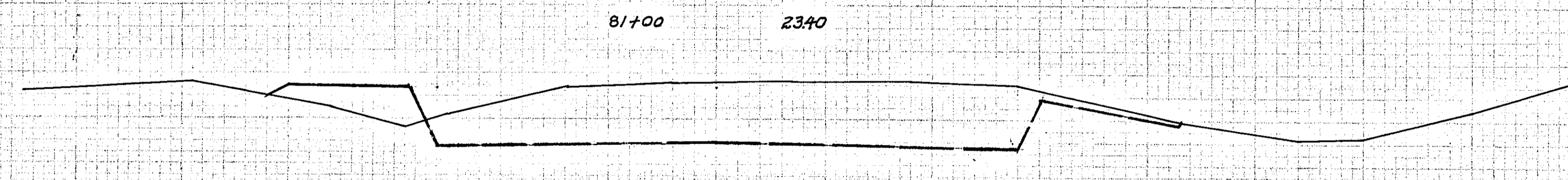
763 2309

357 425



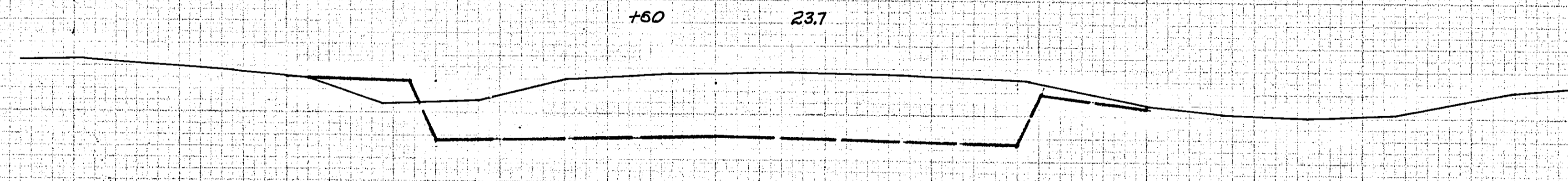
730 233

326 301



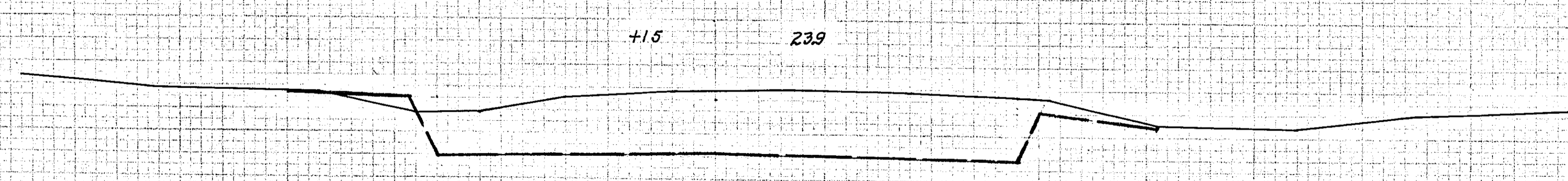
81+00 2340

438 331



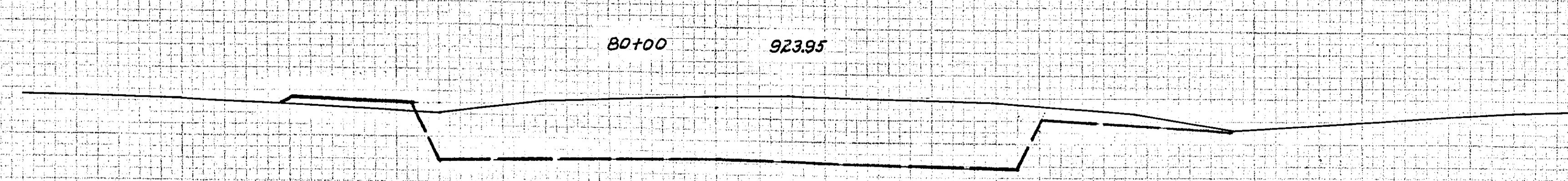
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512 352



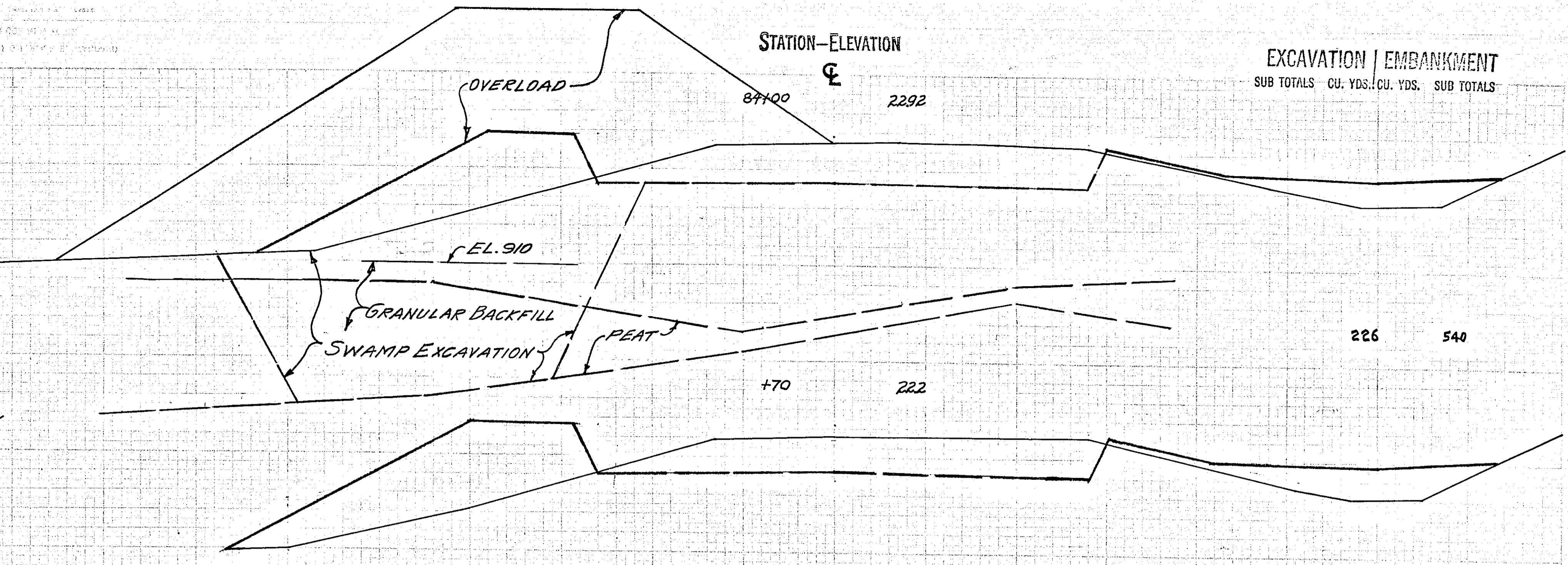
715 239

177 117



80+00 92395

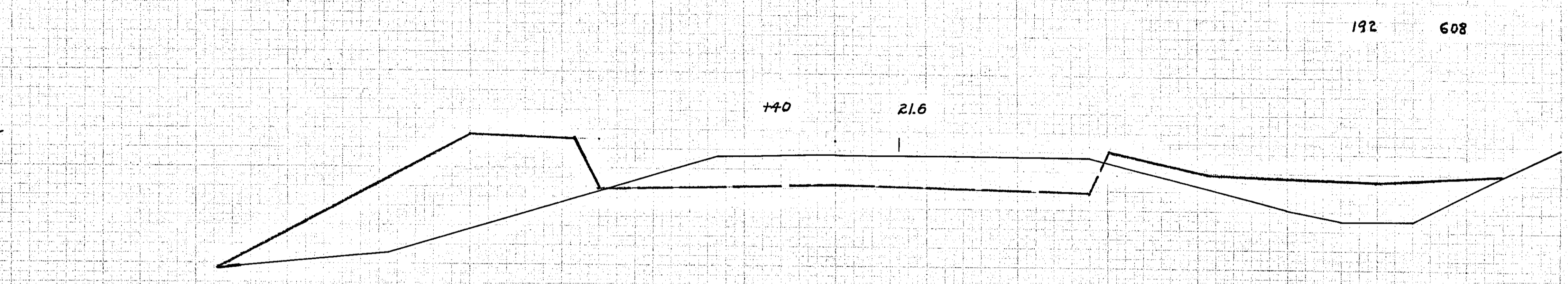
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81+00 2292

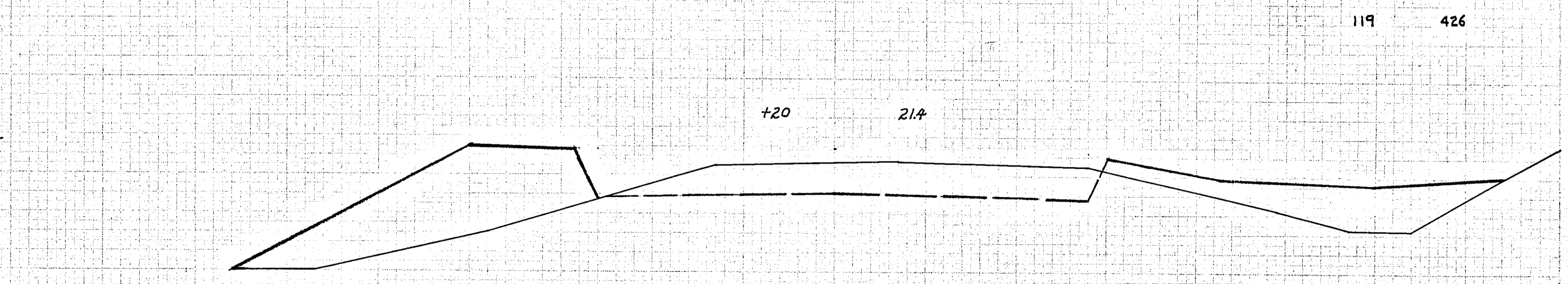
226 540

770 222



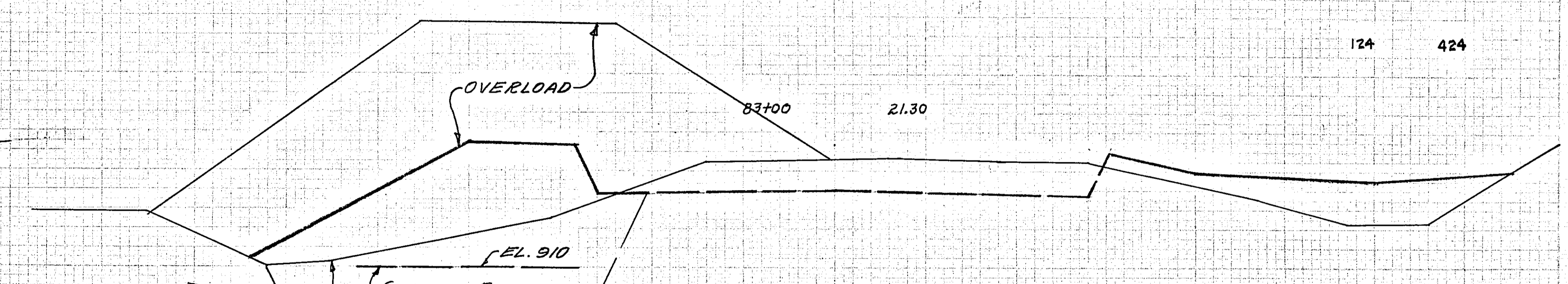
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192 608



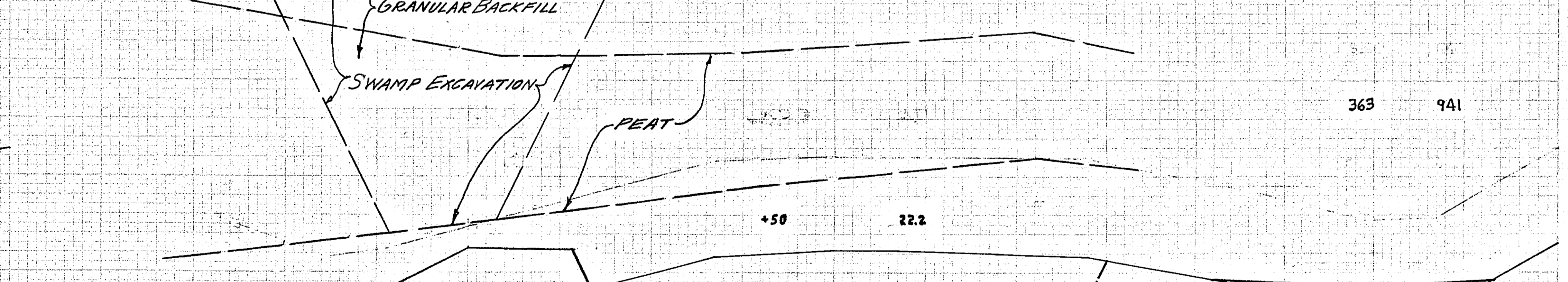
720 214

119 426



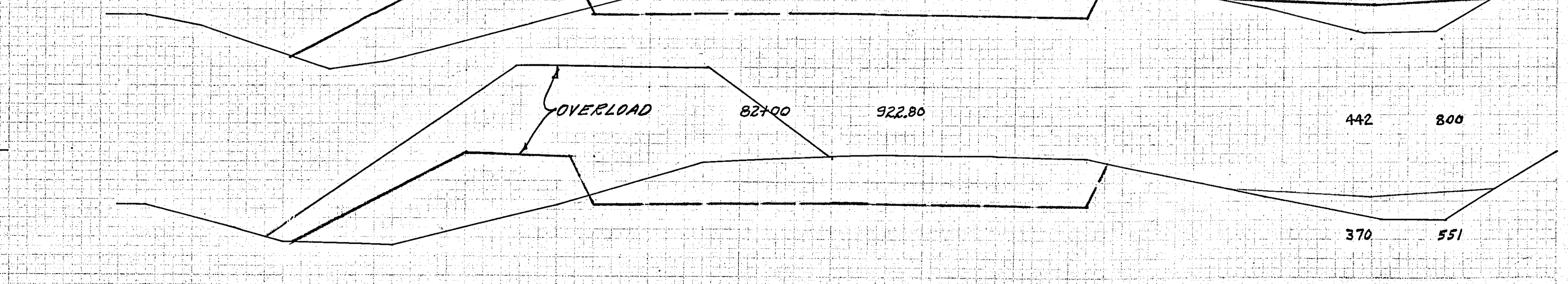
83+00 2130

124 424



750 217

363 941



82+00 92280

442 800

370 551

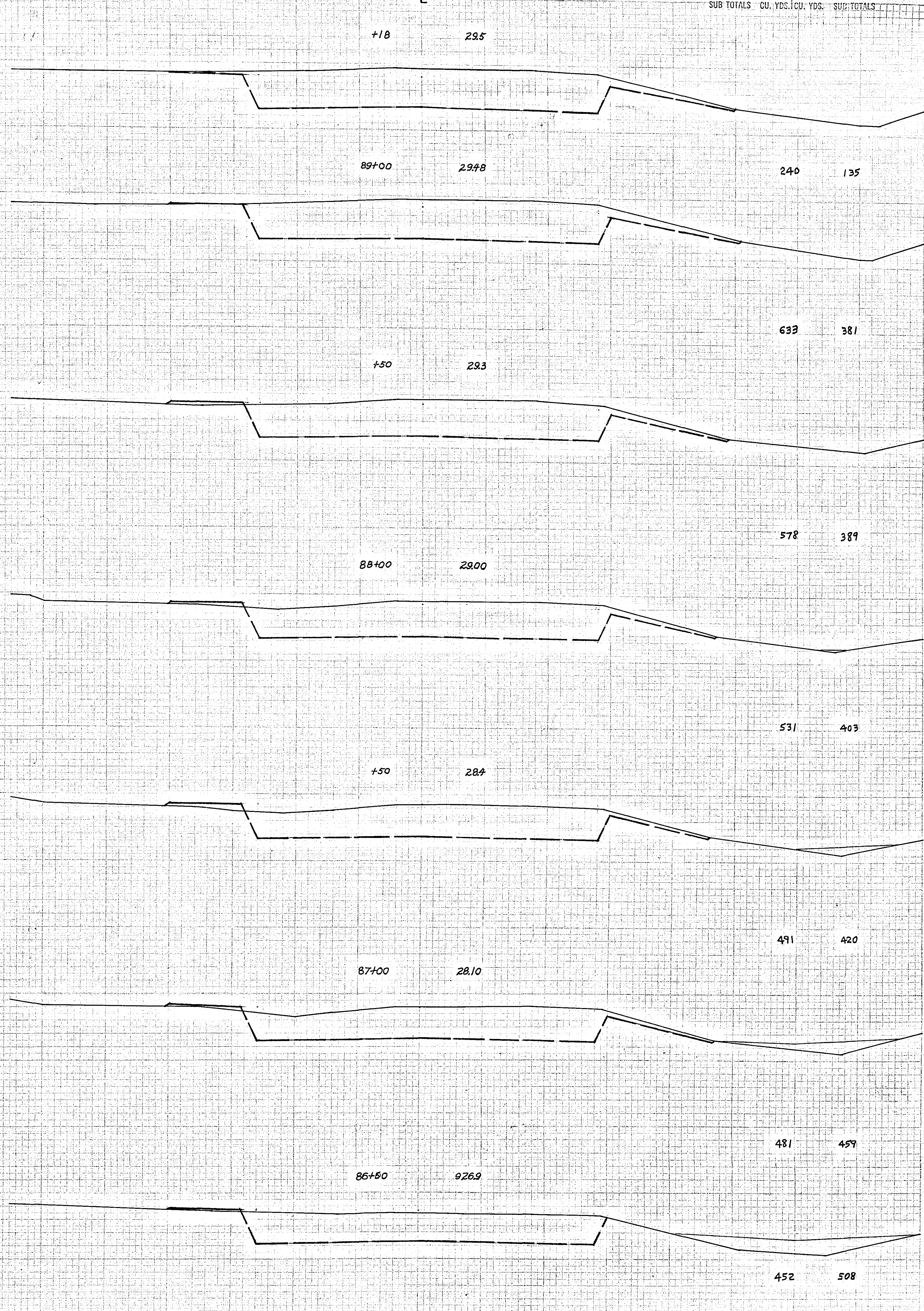
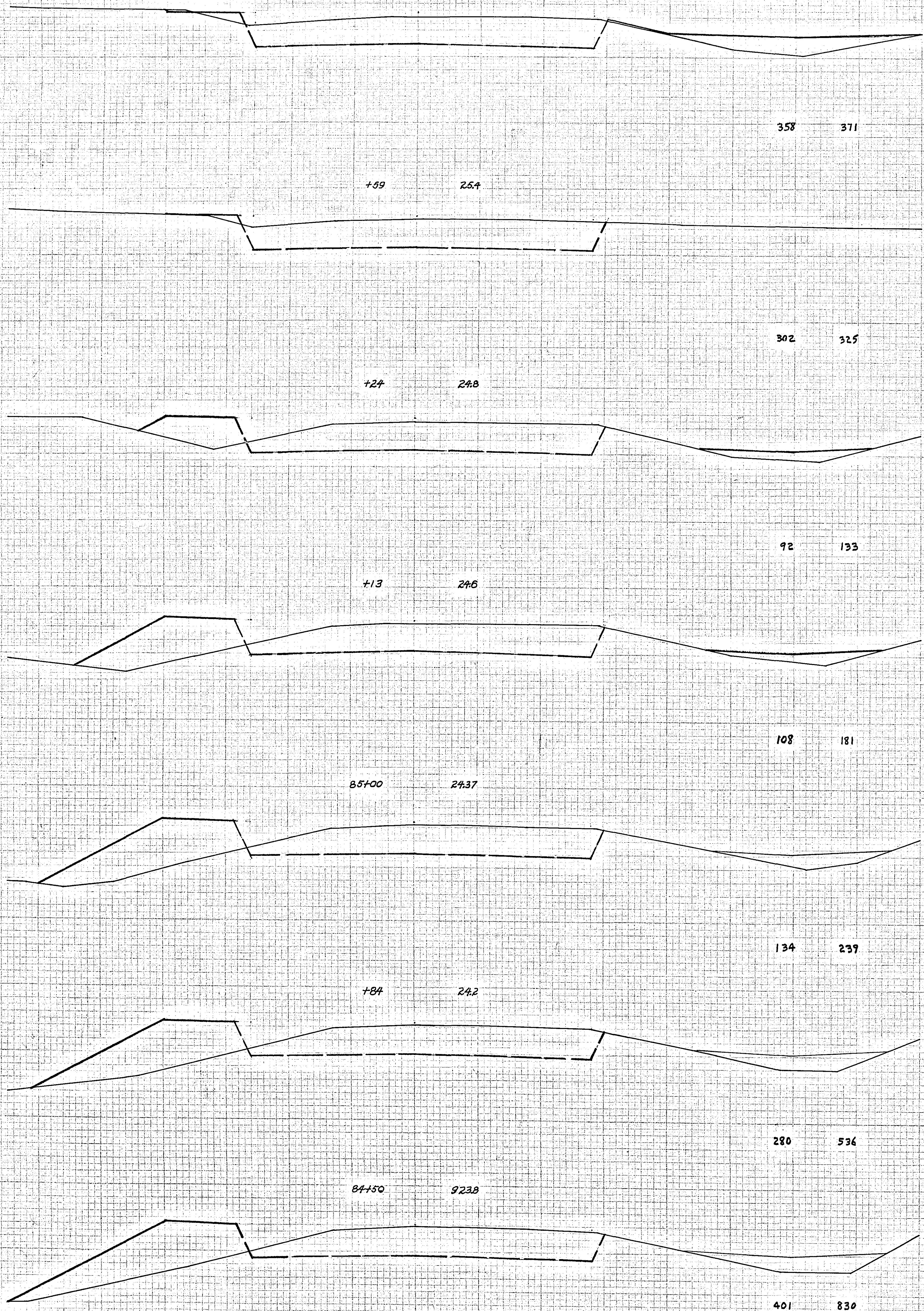
CROSS SECTIONS SCALE 1" = 10'

STATION-ELEVATION
86+00 26.05

EXCAVATION | EMBANKMENT
SUB TOTALS - CU. YDS. | CU. YDS. - SUB TOTALS

STATION-ELEVATION
87+00 28.00

EXCAVATION | EMBANKMENT
SUB TOTALS - CU. YDS. | CU. YDS. - SUB TOTALS



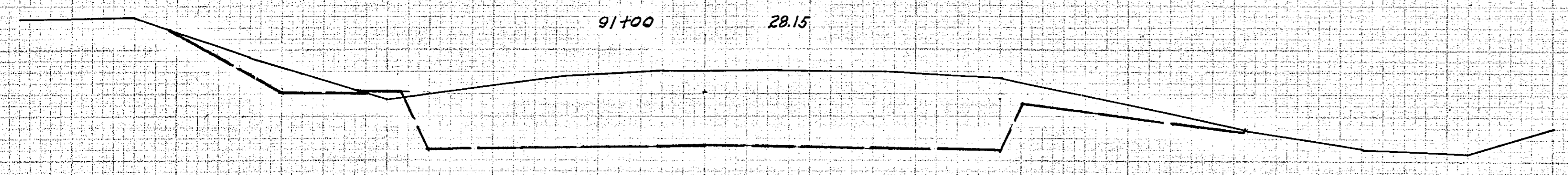
CROSS SECTIONS SCALE 1" = 10'

STATION-ELEVATION
☉

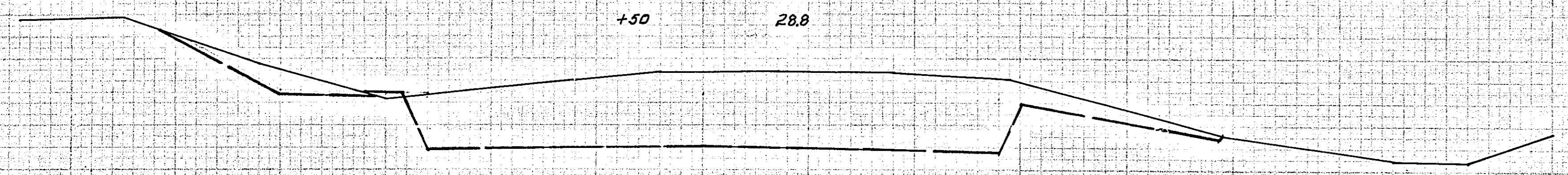
EXCAVATION | EMBANKMENT
SUB TOTALS CU. YDS. CU. YDS. SUB TOTALS

STATION-ELEVATION
☉

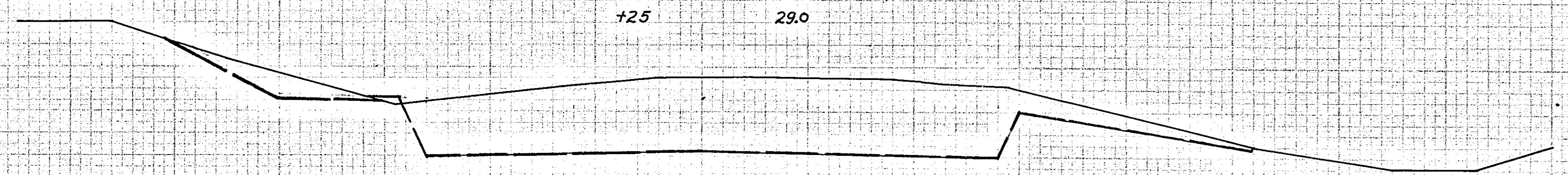
EXCAVATION | EMBANKMENT
SUB TOTALS CU. YDS. CU. YDS. SUB TOTALS



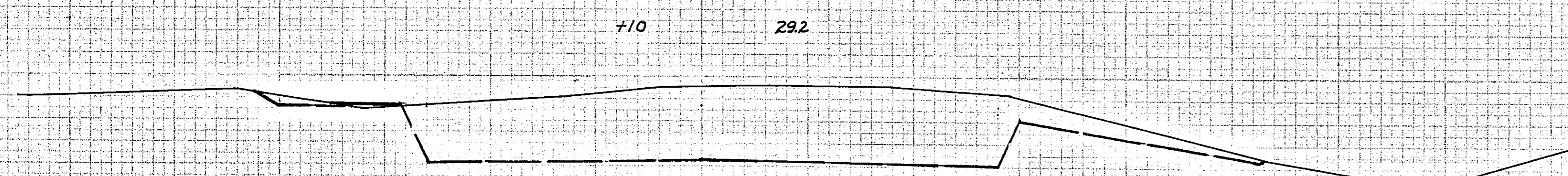
774 381



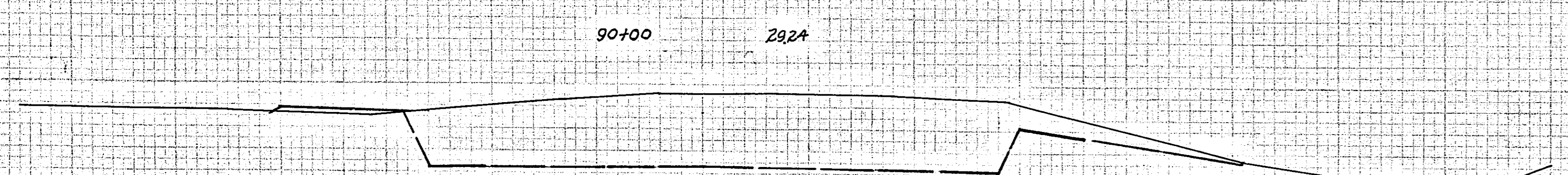
387 189



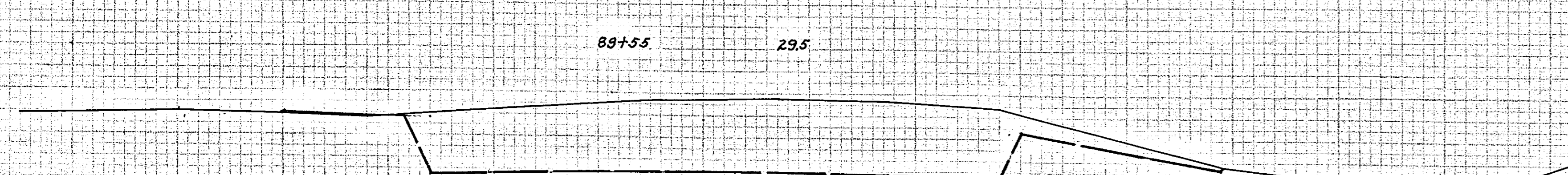
224 114



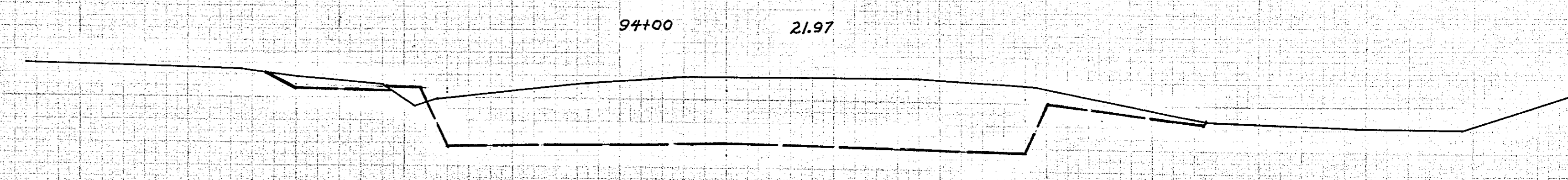
144 77



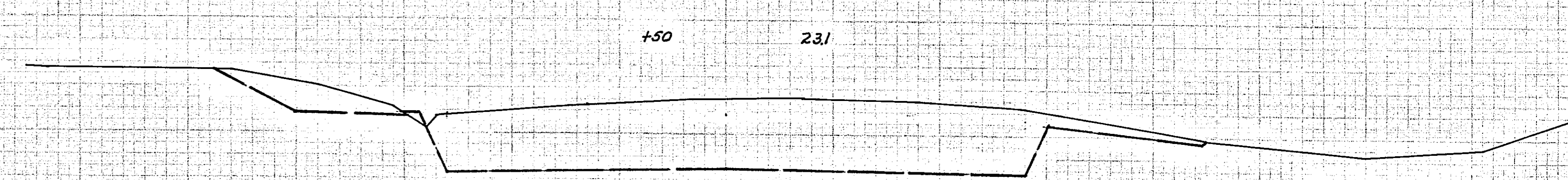
649 343



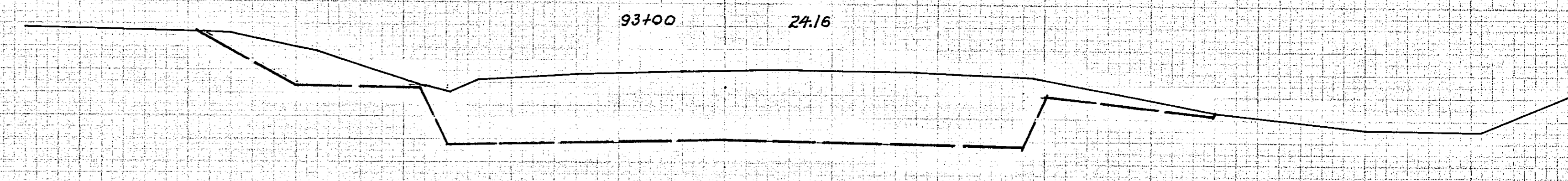
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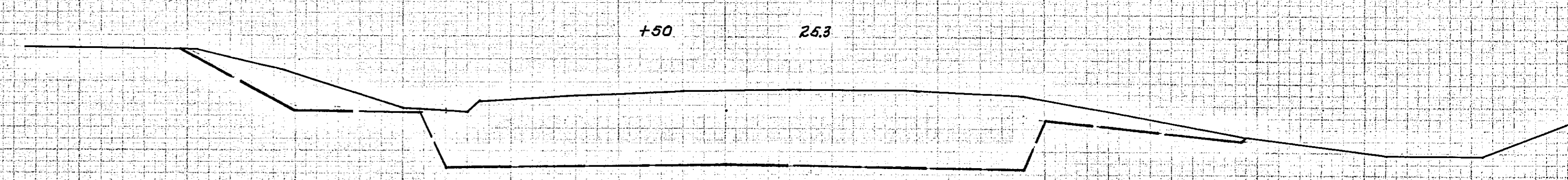
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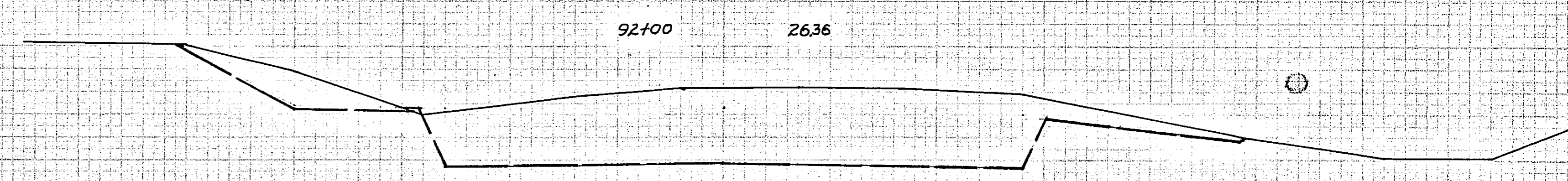
720 375



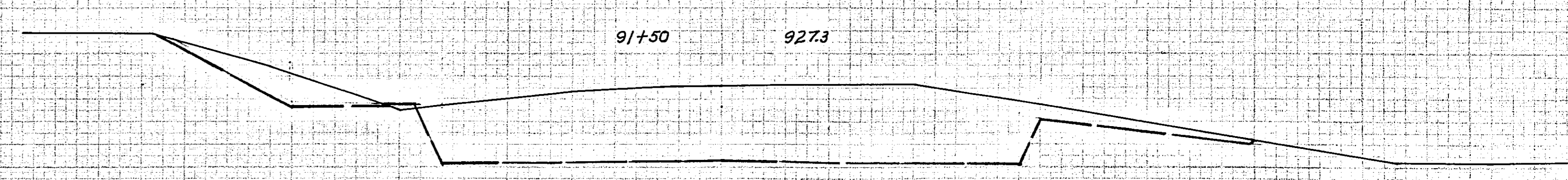
769 374



784 374



776 374



775 378

CROSS SECTIONS SCALE 1" = 40'

STATION-ELEVATION

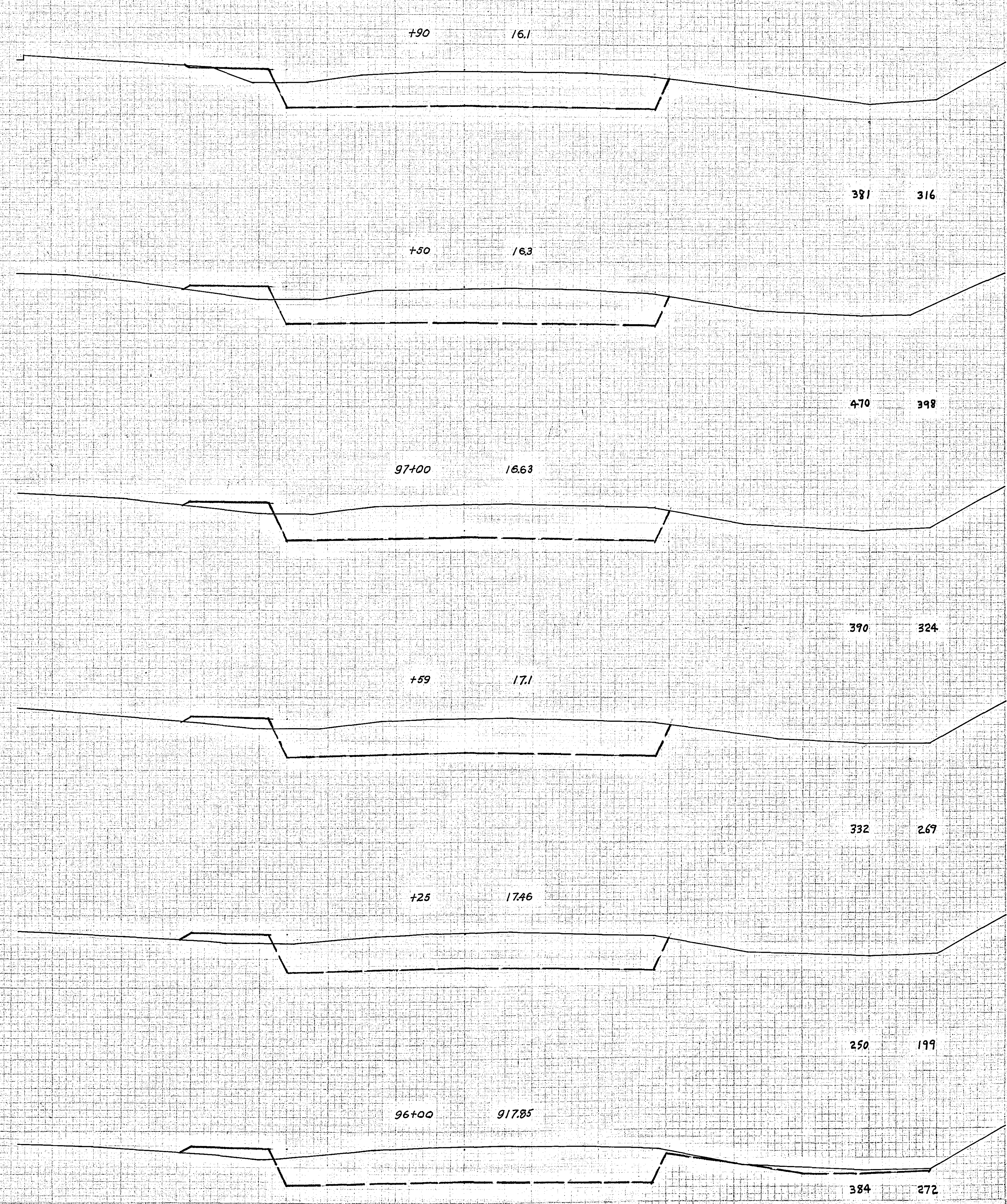
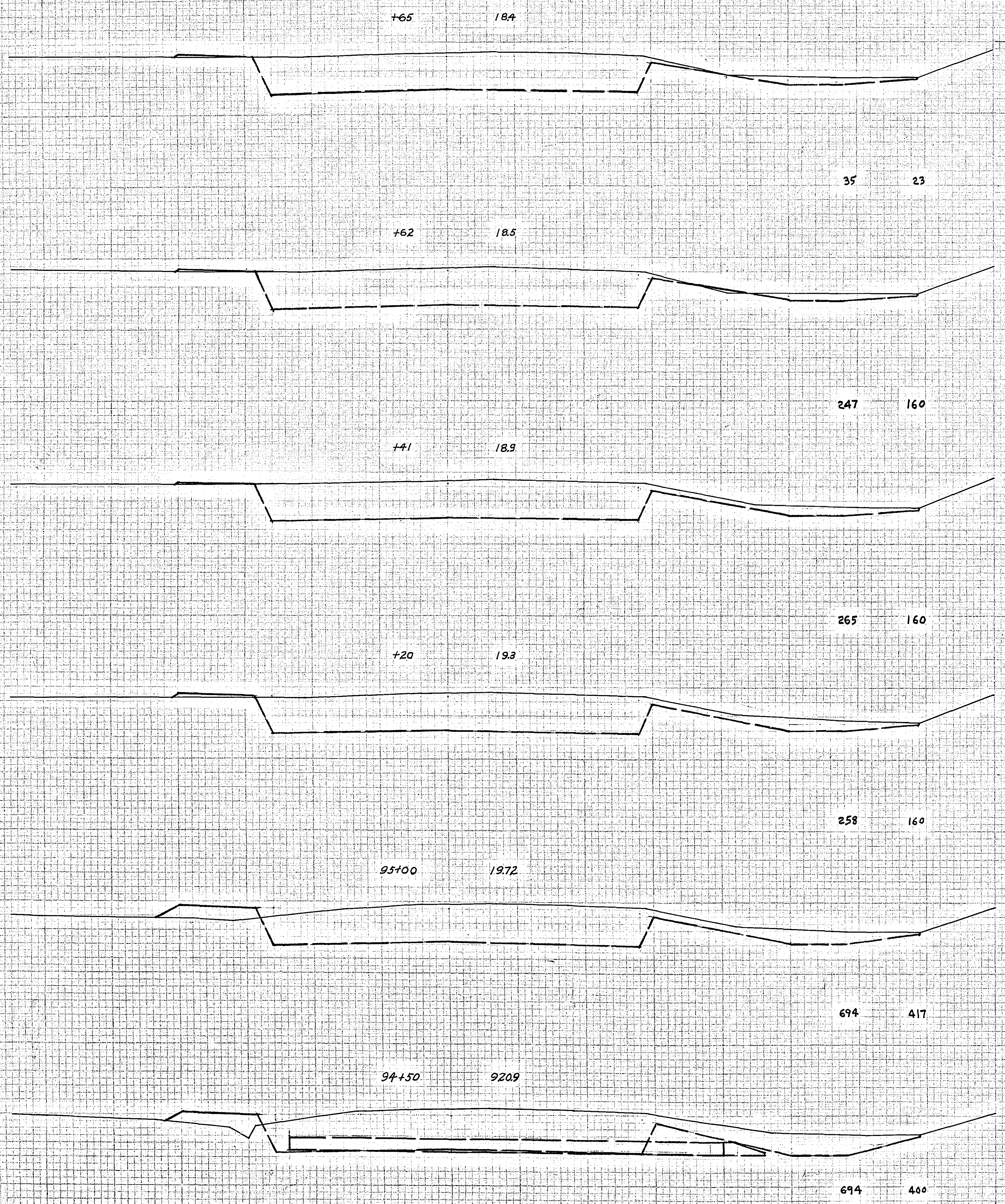
EXCAVATION | EMBANKMENT
SUB TOTALS CU. YDS. | CU. YDS. SUB TOTALS

STATION-ELEVATION

EXCAVATION | EMBANKMENT
SUB TOTALS CU. YDS. | CU. YDS. SUB TOTALS

NO. 1
DATE
BY
CHECKED
APPROVED
SCALE

NO. 2
DATE
BY
CHECKED
APPROVED
SCALE



CROSS SECTIONS SCALE 1" = 10'

STATION-ELEVATION
E

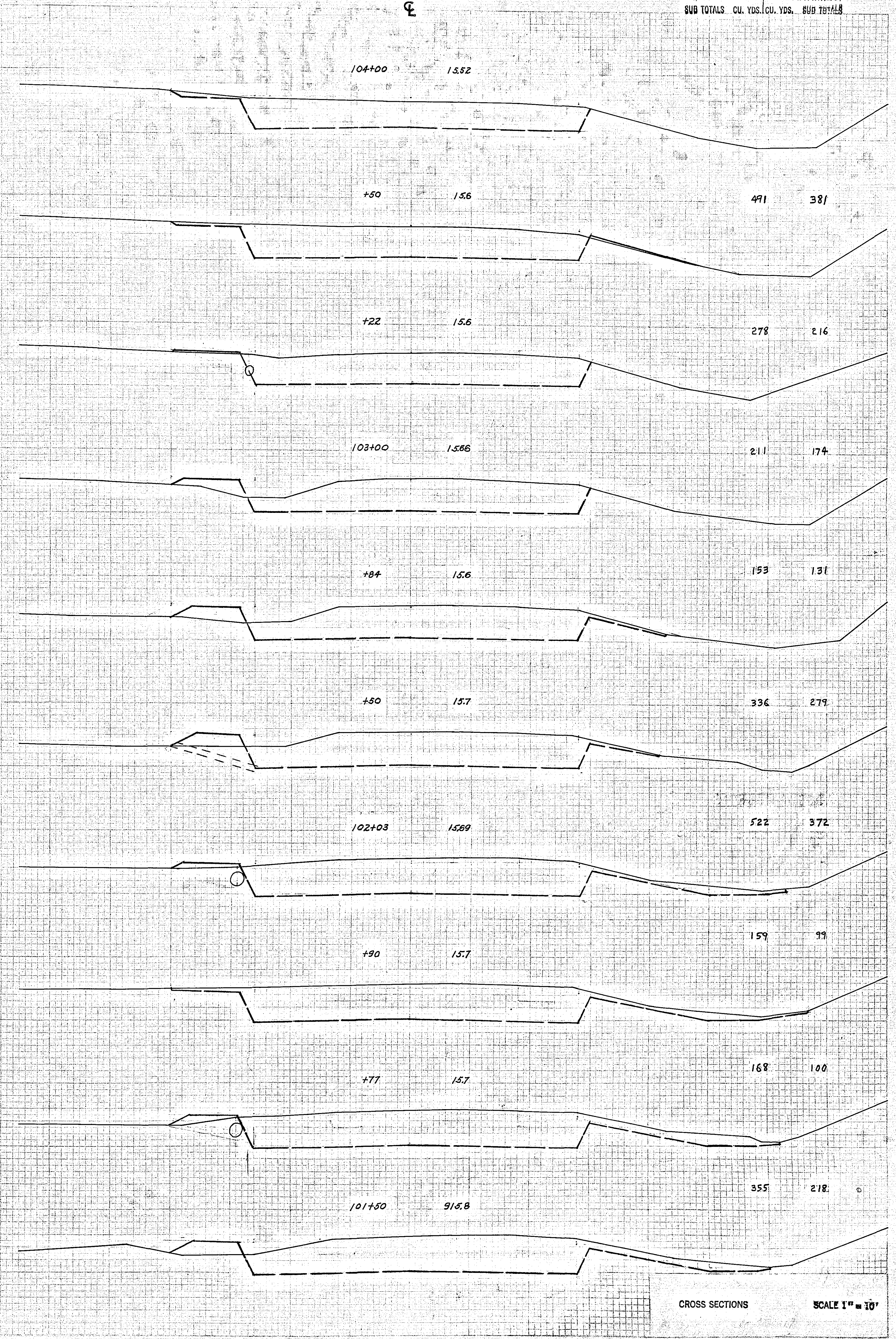
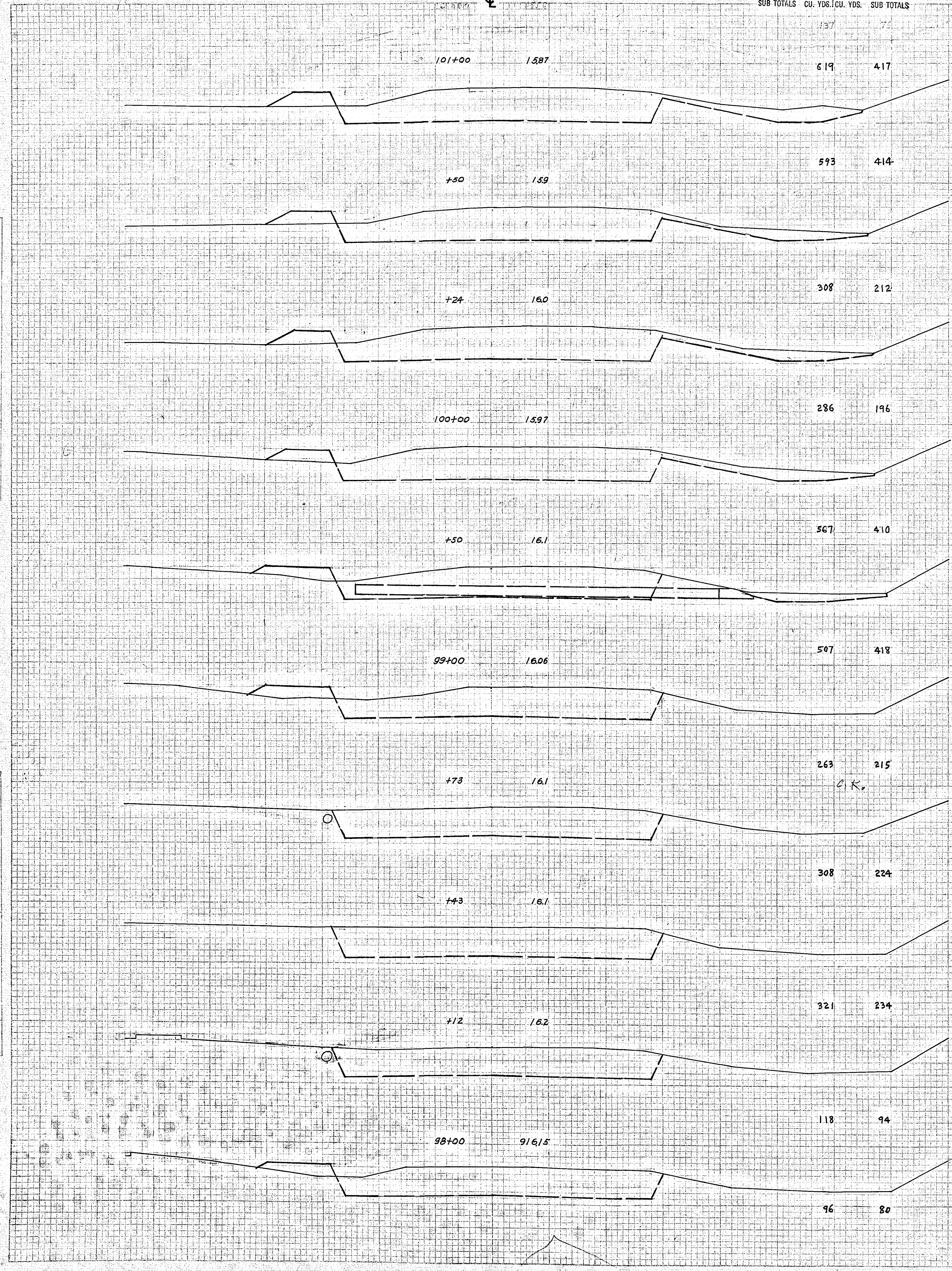
EXCAVATION | EMBANKMENT
SUB TOTALS CU. YDS. | CU. YDS. SUB TOTALS

STATION-ELEVATION
E

EXCAVATION | EMBANKMENT
SUB TOTALS CU. YDS. | CU. YDS. SUB TOTALS

DATE: _____
SCALE: _____
PROJECT: _____
SHEET: _____

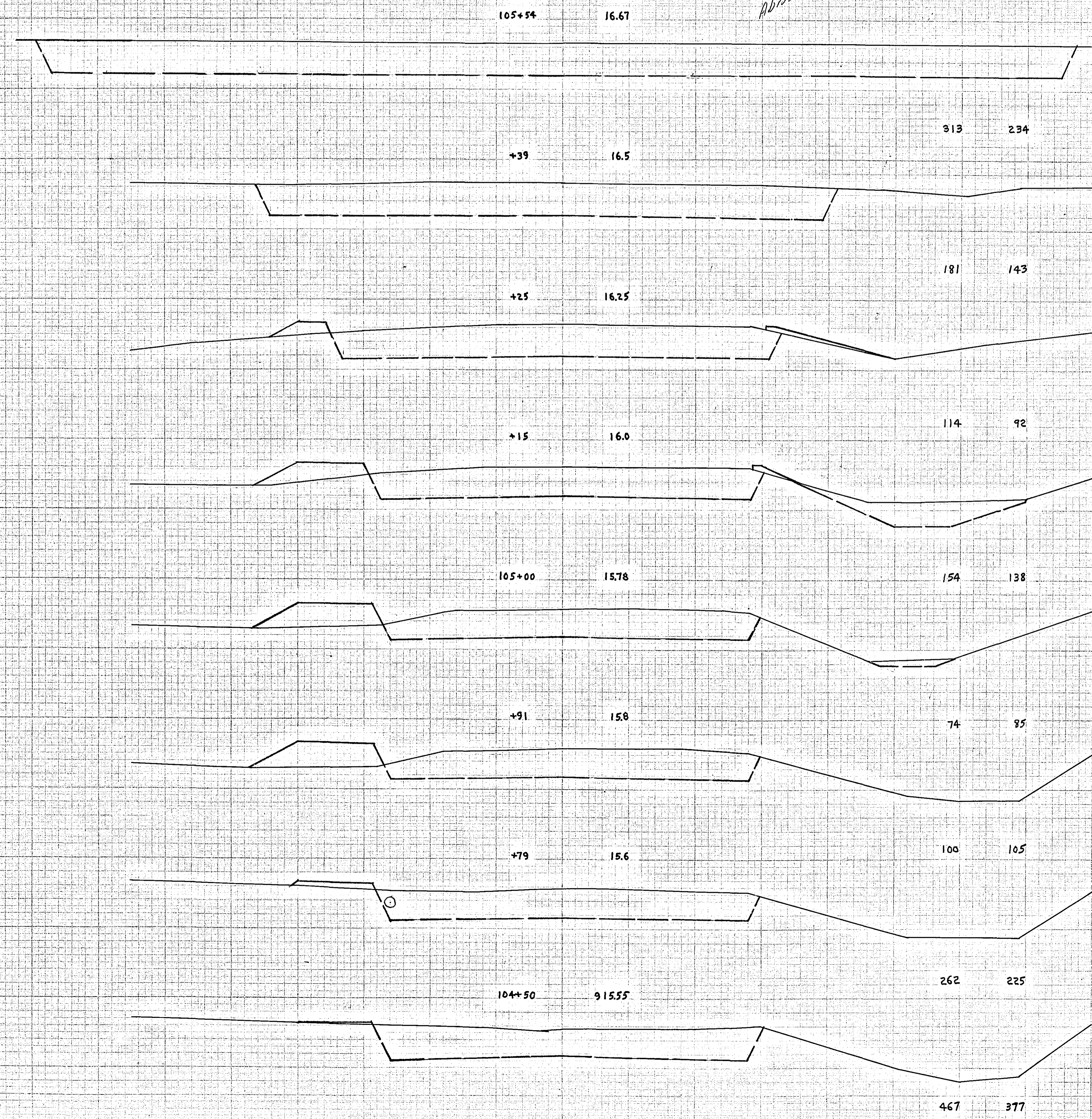
DATE: _____
SCALE: _____
PROJECT: _____
SHEET: _____



CROSS SECTIONS SCALE 1" = 10'

64,285 ✓ 44,270 ✓
 FAIRVIEW AVE. 1,436 ✓ 910 ✓
 CO. RD. "C" 62,649 ✓ 43,360 ✓

Abut



NO. 101
 VERT. SHEETED
 SURVEY BOOK
 SURVEY FIELD
 LINE

NO. 102
 VERT. SHEETED
 SURVEY BOOK
 SURVEY FIELD
 LINE

STATION-ELEVATION

EXCAVATION / EMBANKMENT

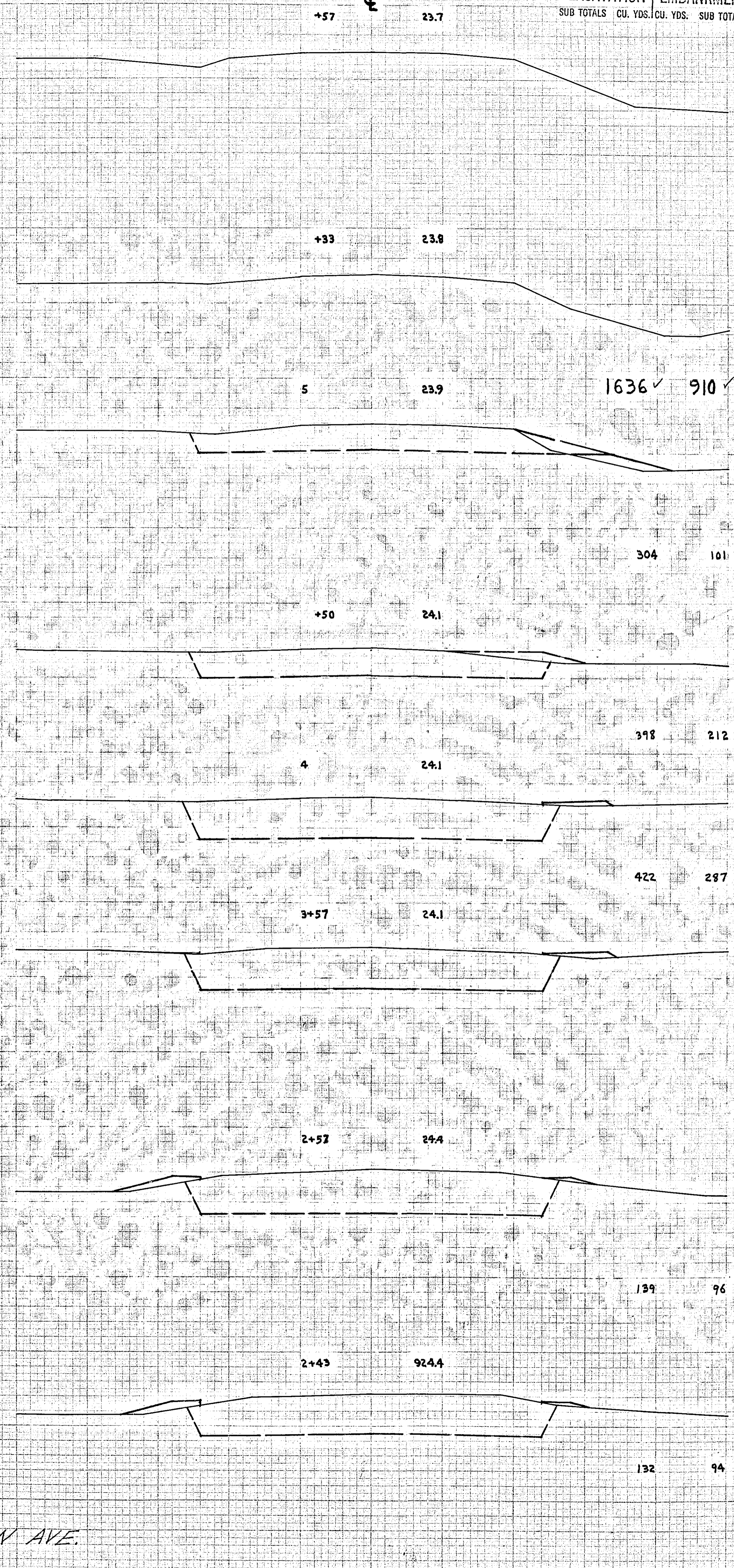
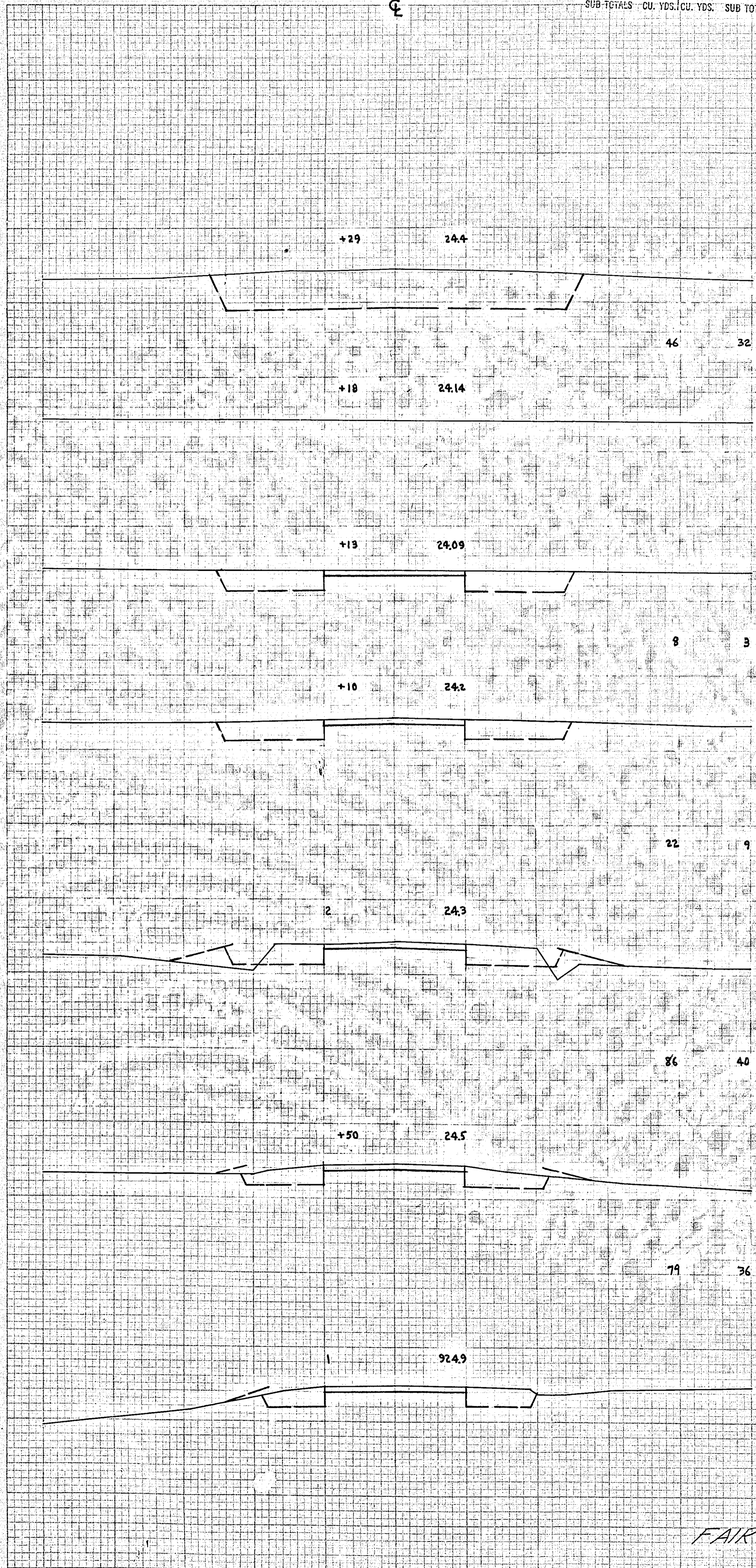
STATION-ELEVATION

EXCAVATION / EMBANKMENT

STATION-ELEVATION

NO. HOLE BOOK SURFACE ORIGINAL

NO. HOLE BOOK SURFACE ORIGINAL



FAIRVIEW AVE

WEST EAST

PROPERTY LINE

CROSS SECTIONS SCALE 1" = 10'