REPUBLIC OF THE PHILIPPINES

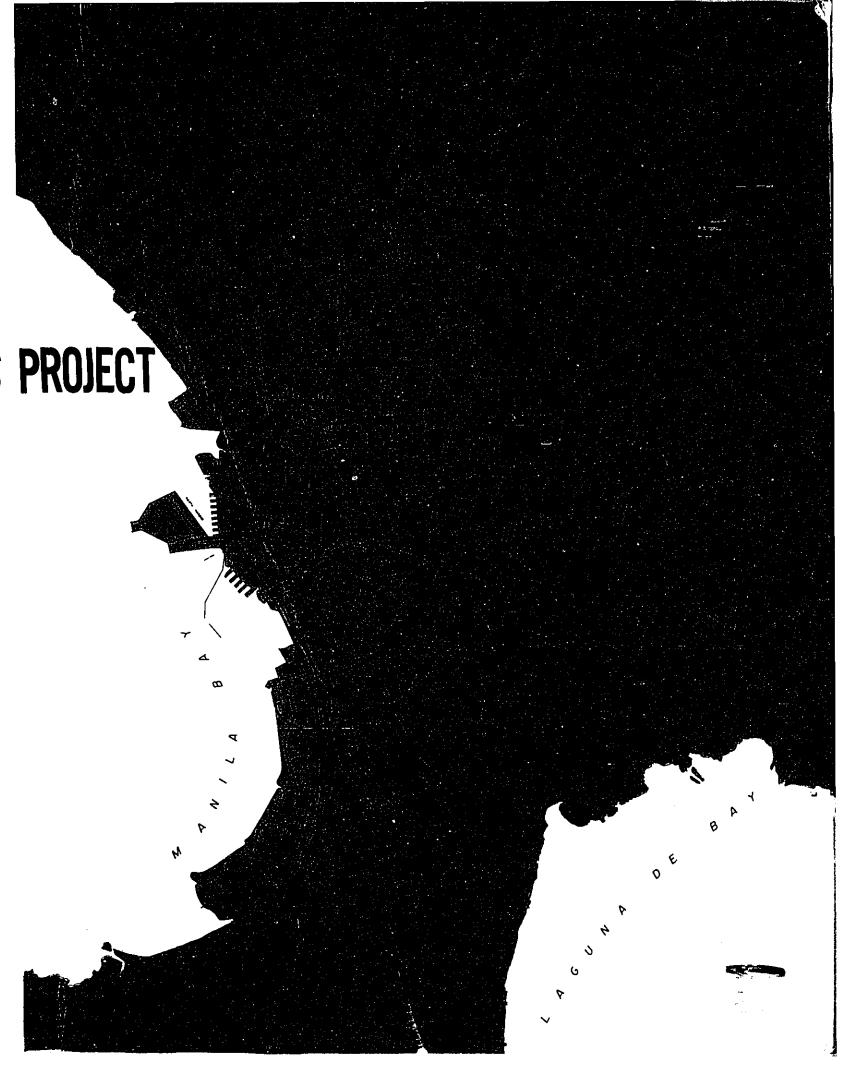
FEASIBILITY STUDY on C-3 AND R-4 AND RELATED ROADS PROJECT

FINAL REPORT

**DRAWINGS** 

**MARCH, 1978** 

JAPAN INTERNATIONAL COOPERATION AGENCY DEPARTMENT OF PUBLIC HIGHWAYS



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## FEASIBILITY STUDY on C-3 AND R-4 AND RELATED ROADS PROJECT

FINAL REPORT

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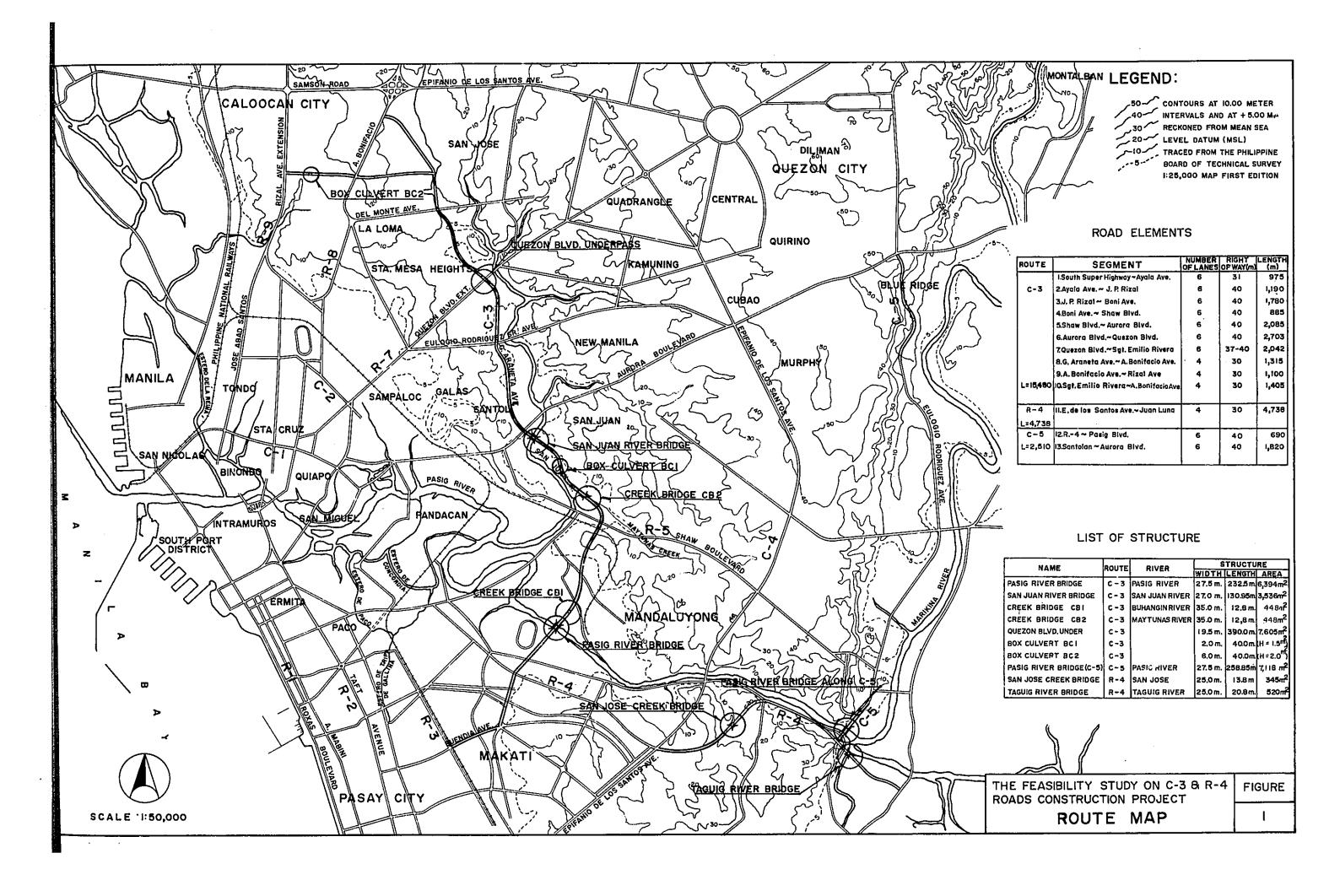
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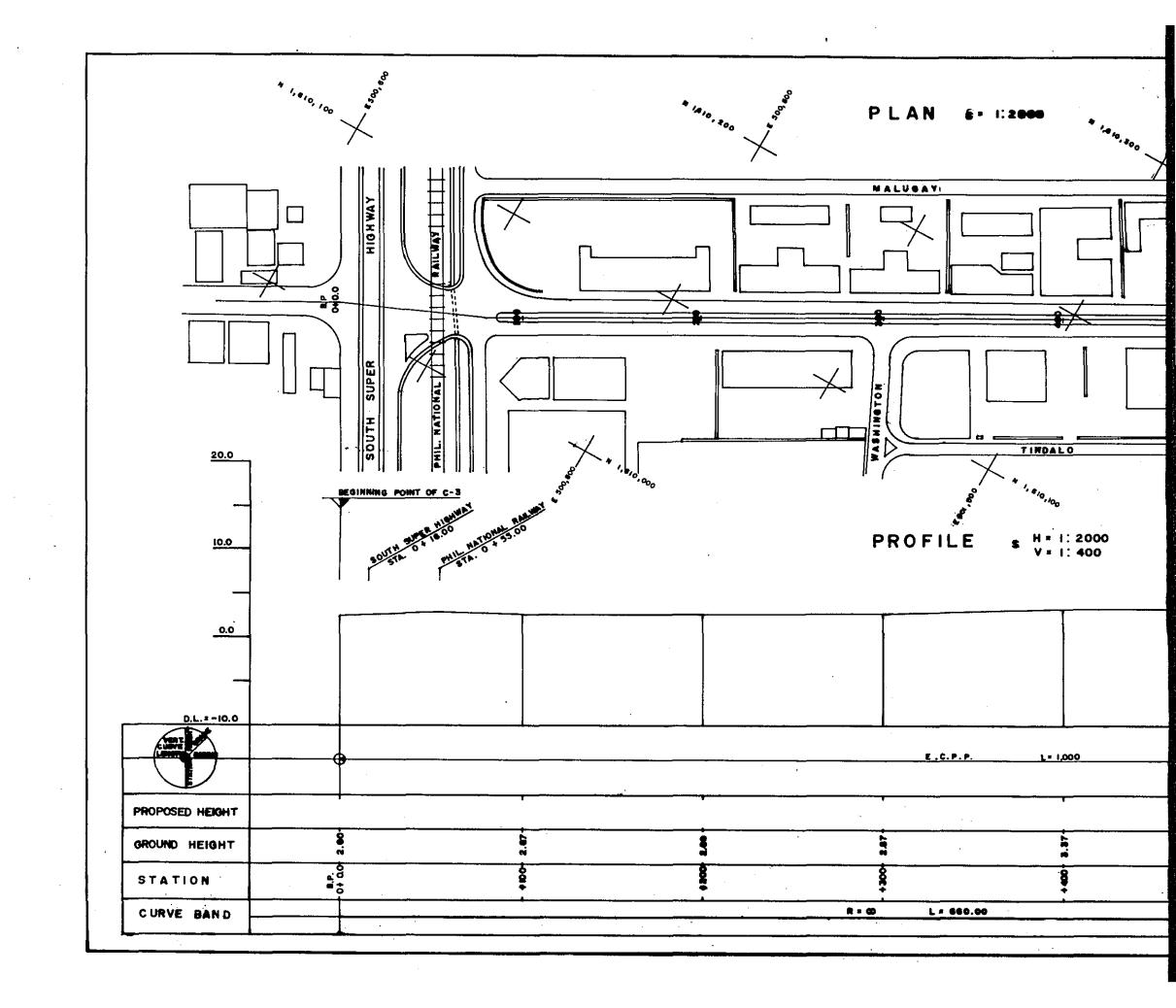
JAPAN INTERNATIONAL COOPERATION AGENCY DEPARTMENT OF PUBLIC HIGHWAYS

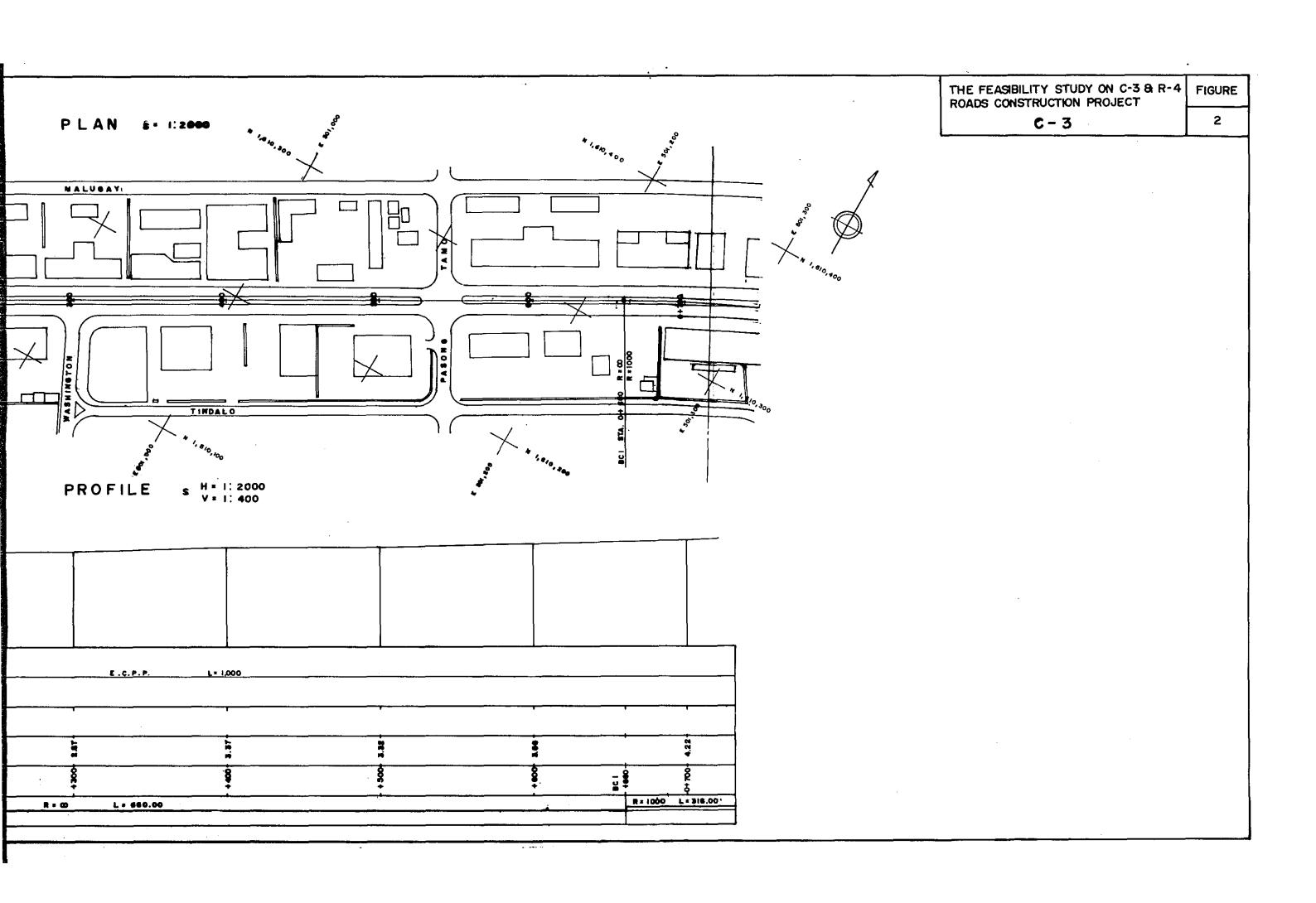
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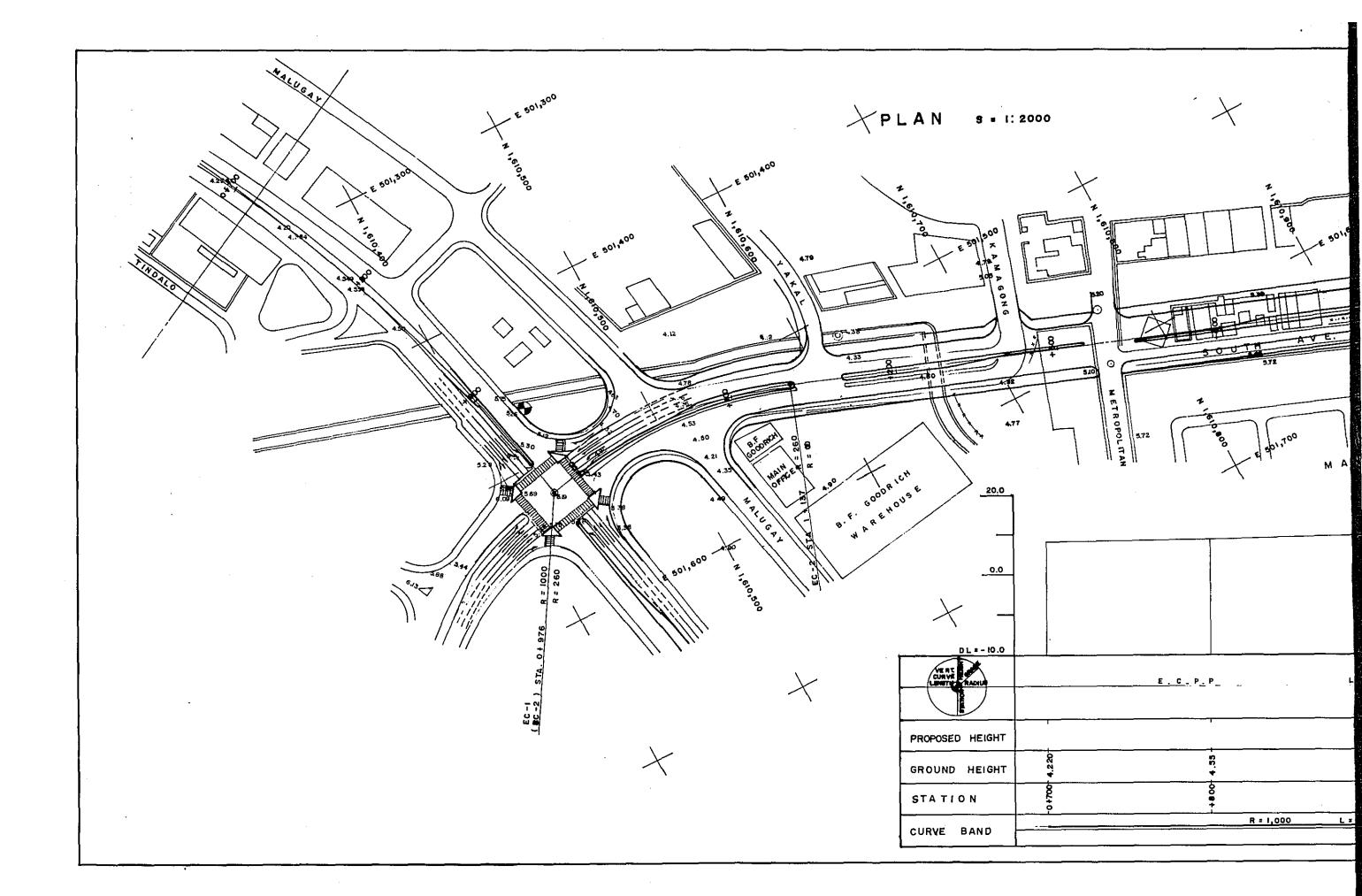
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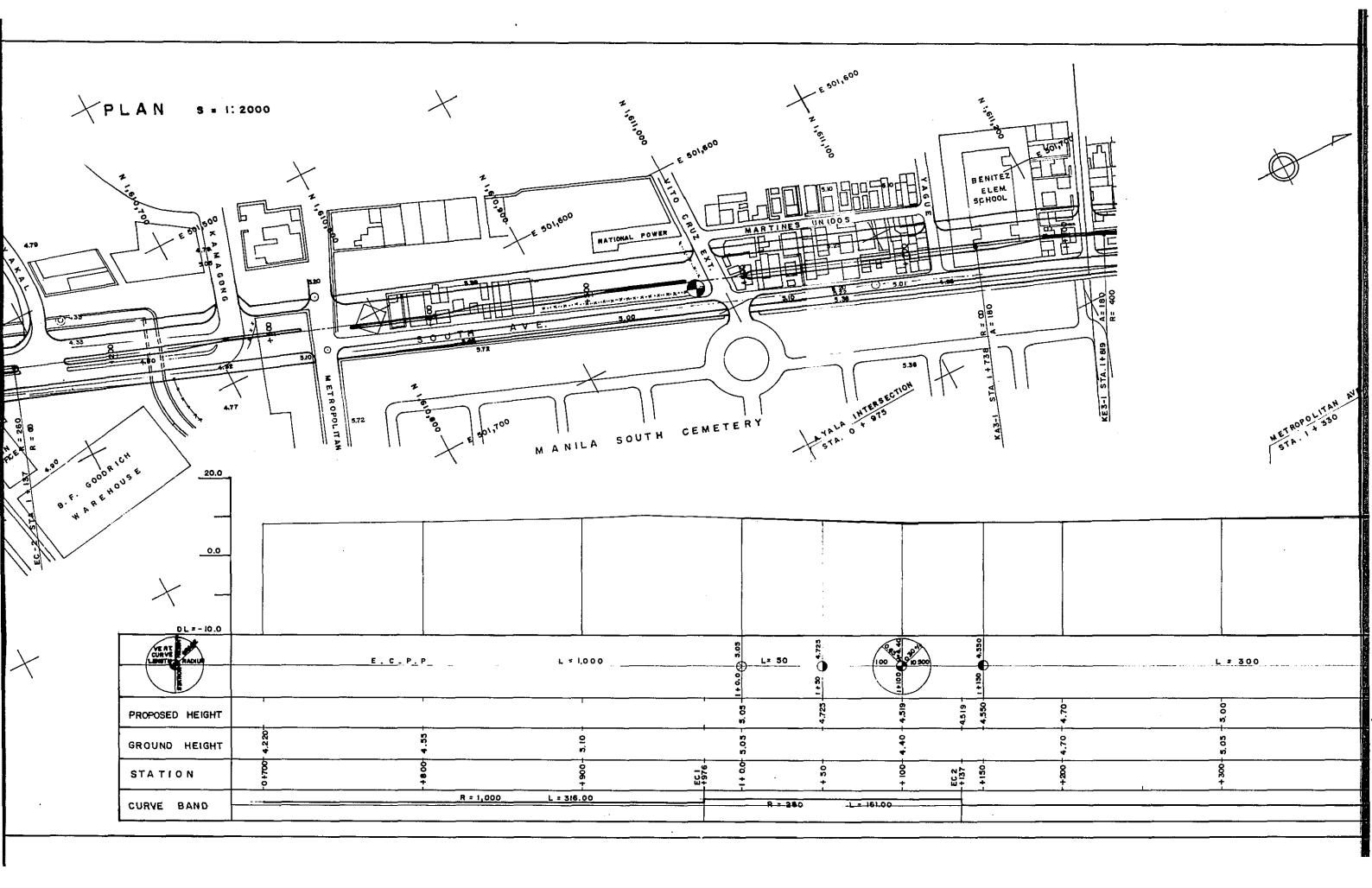
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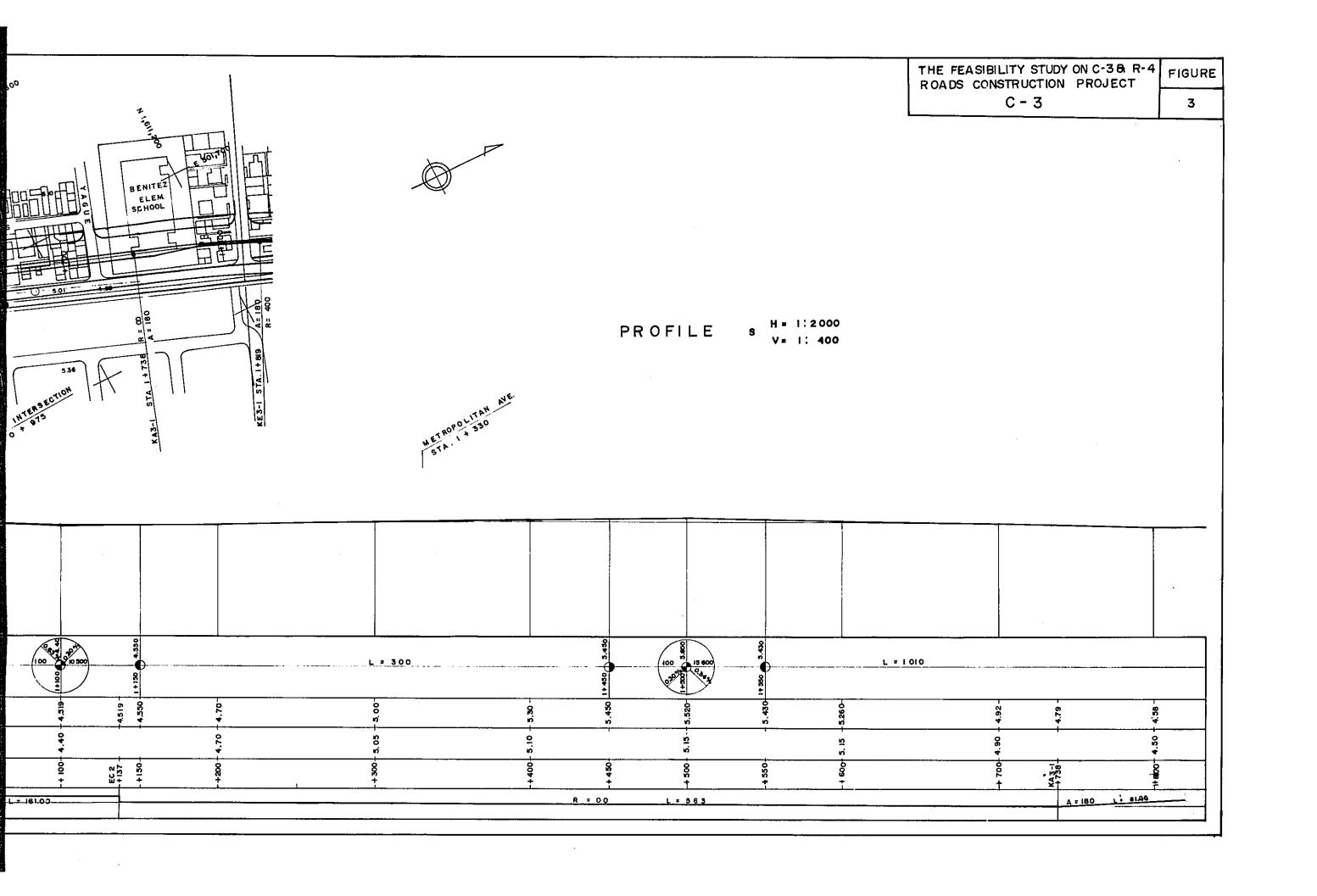


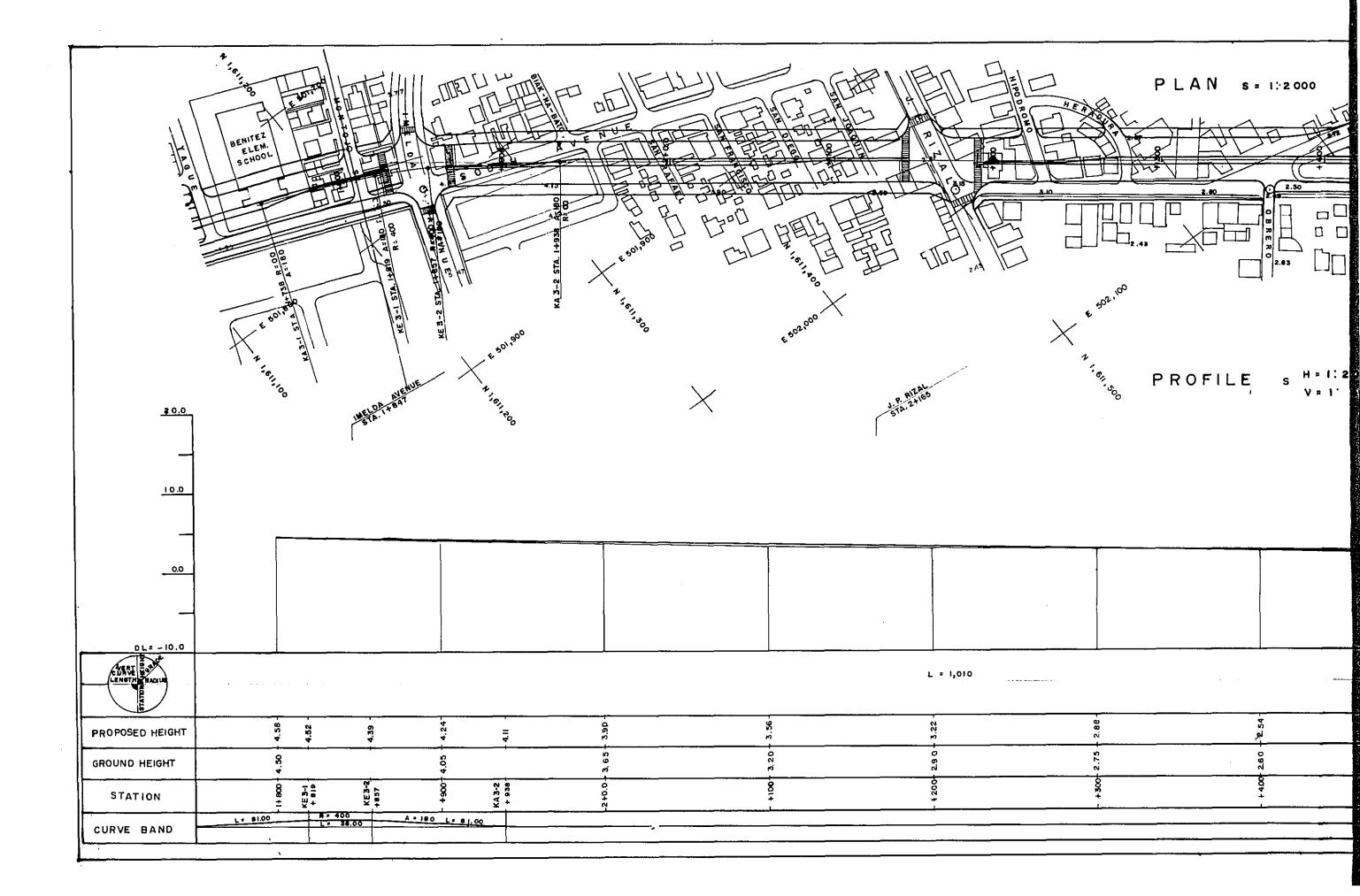


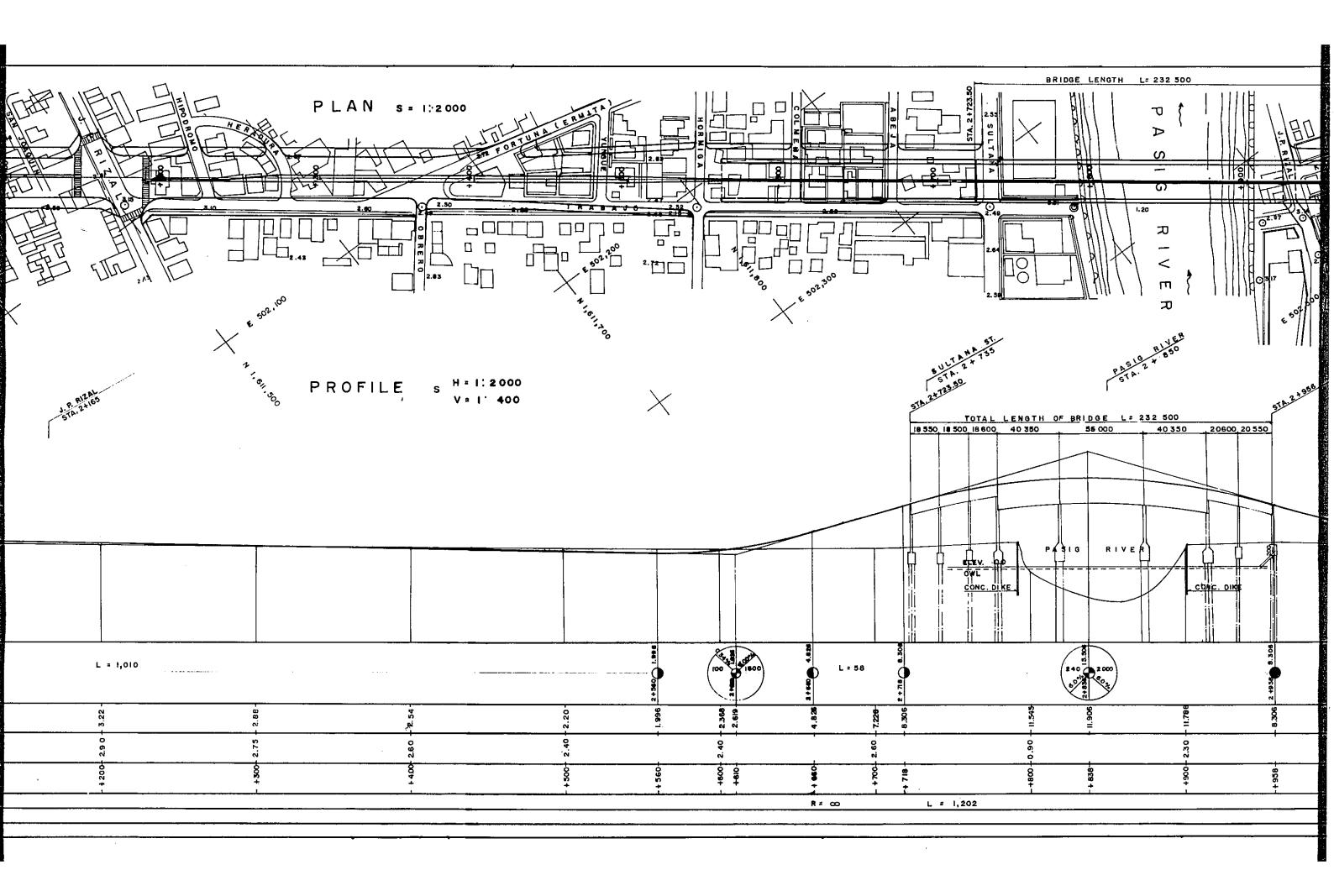


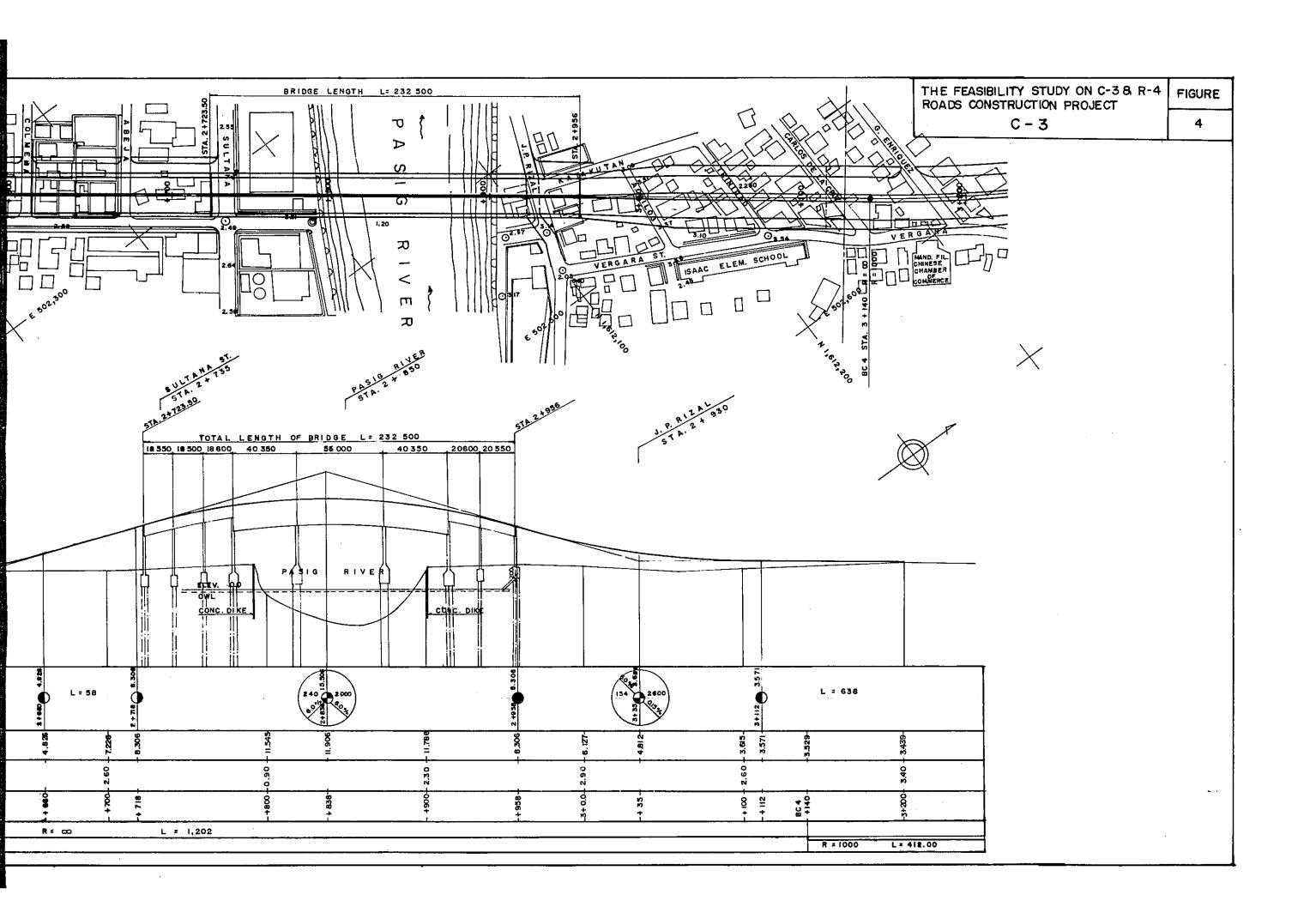


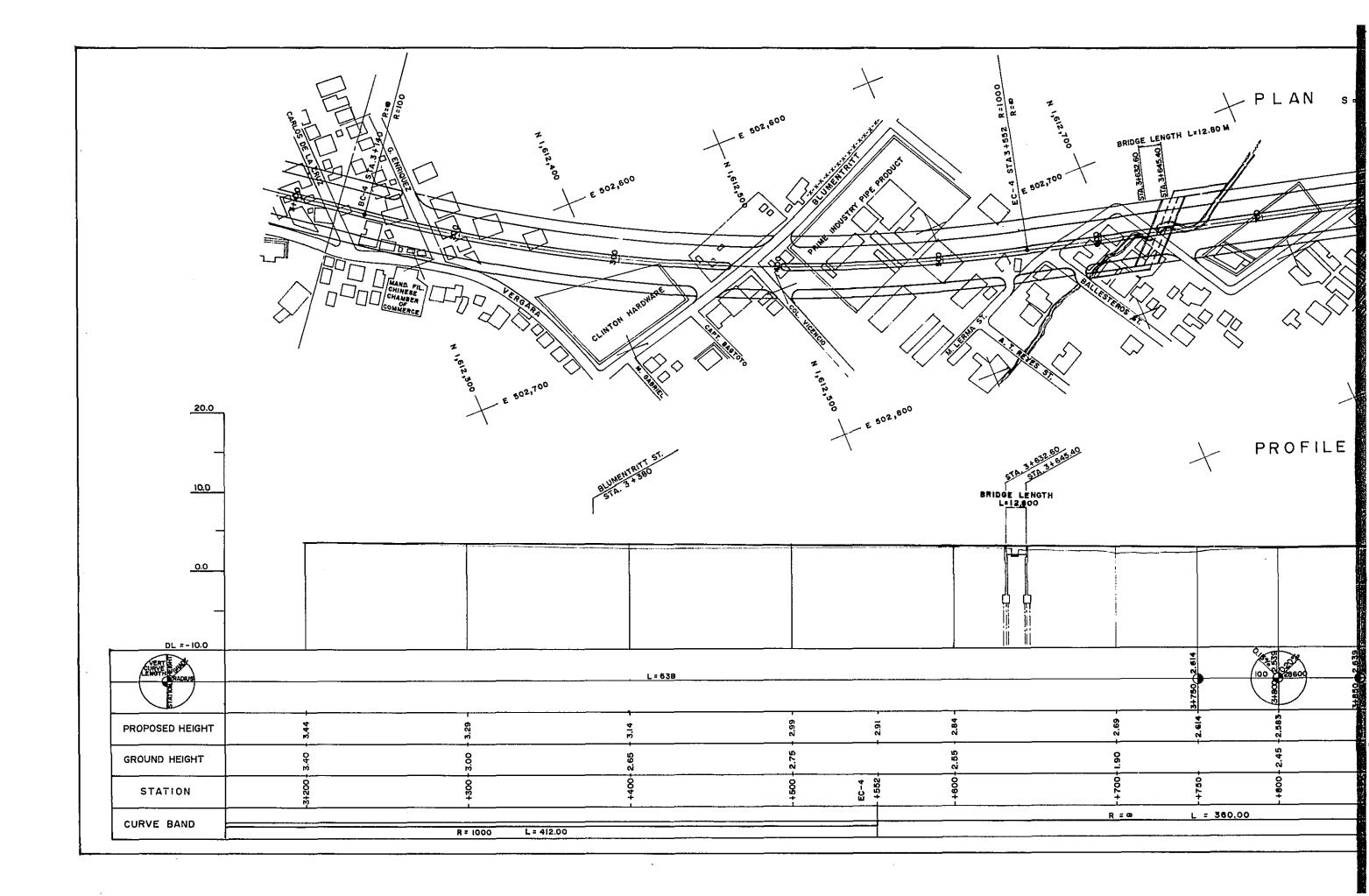


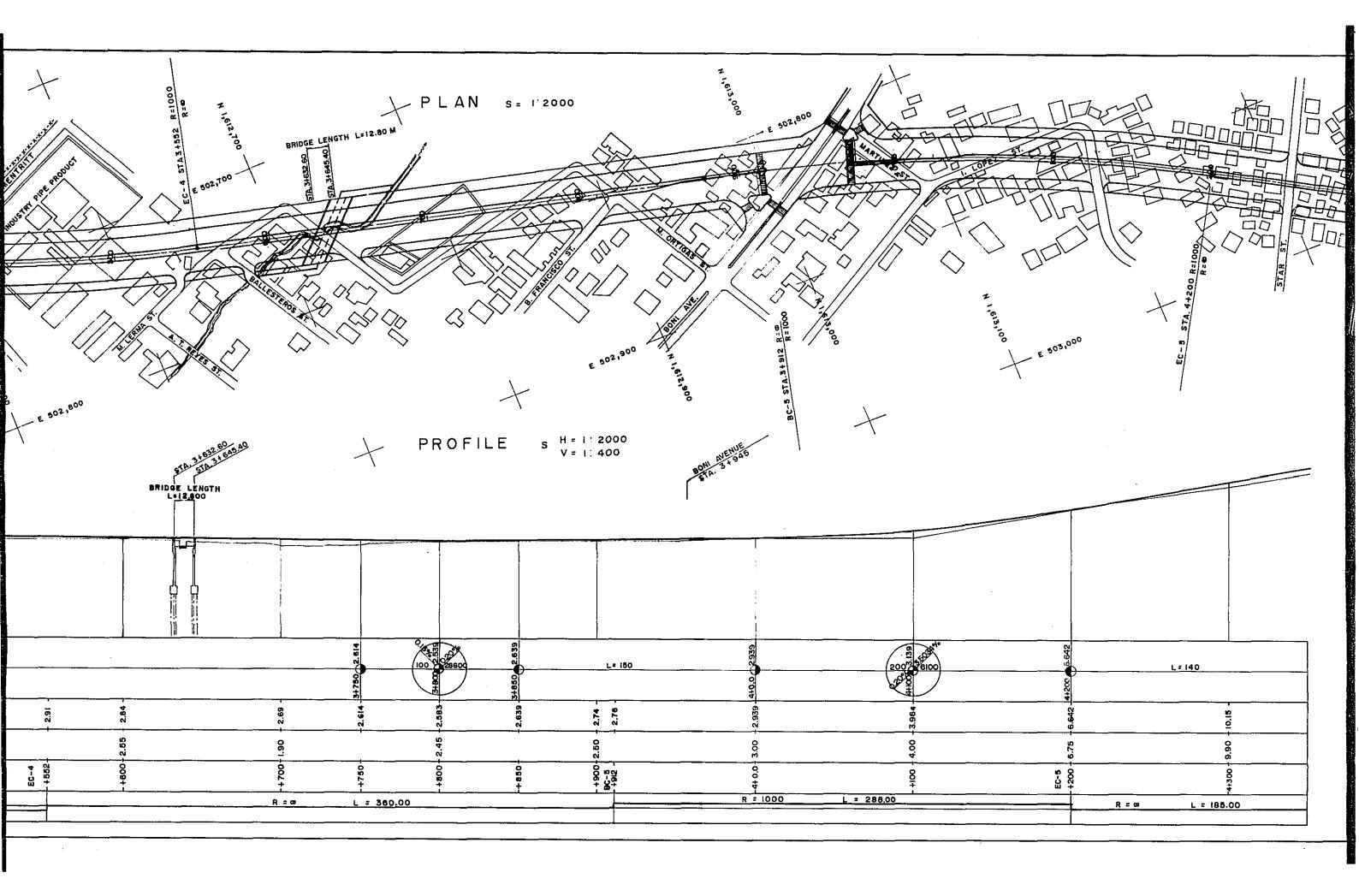


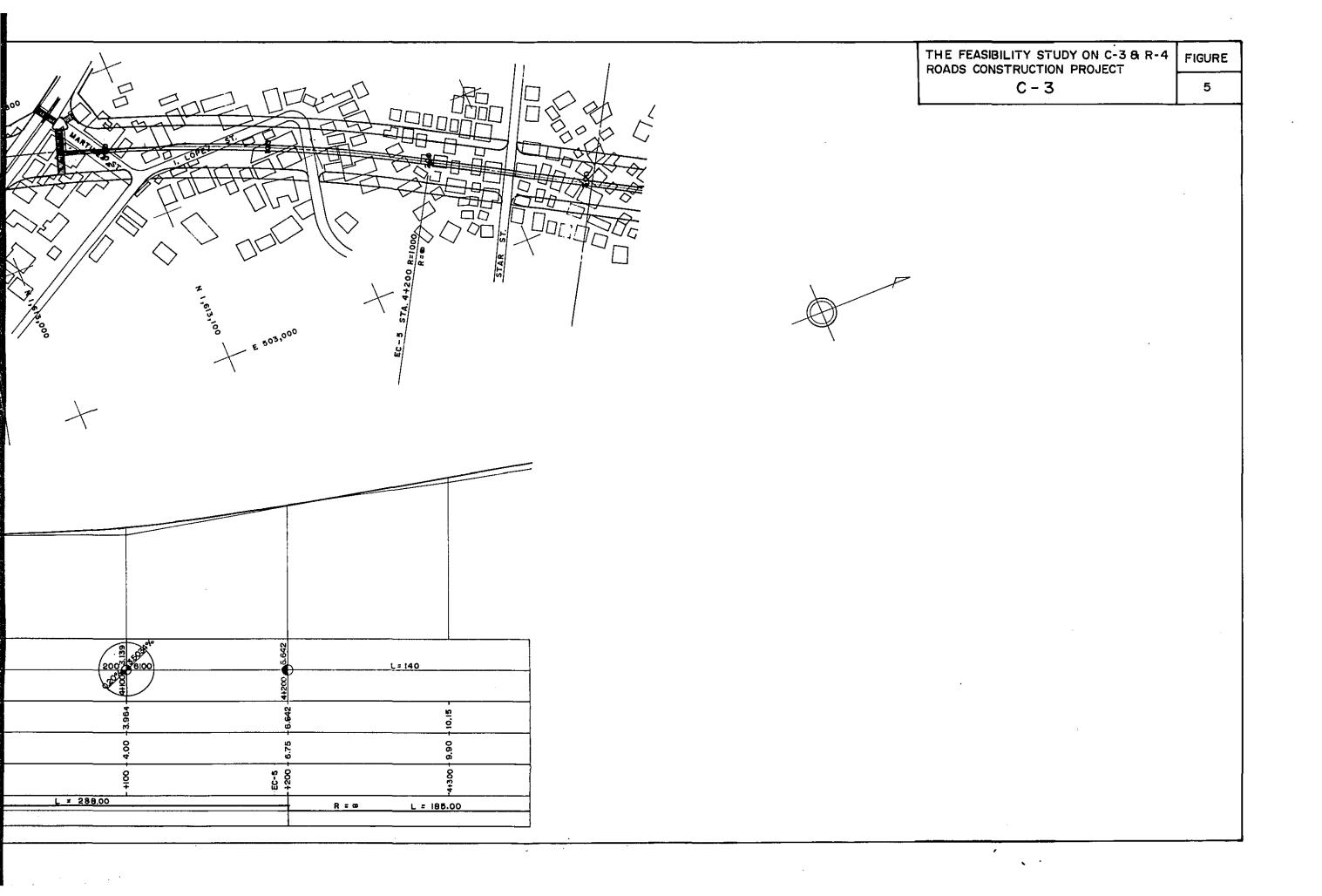


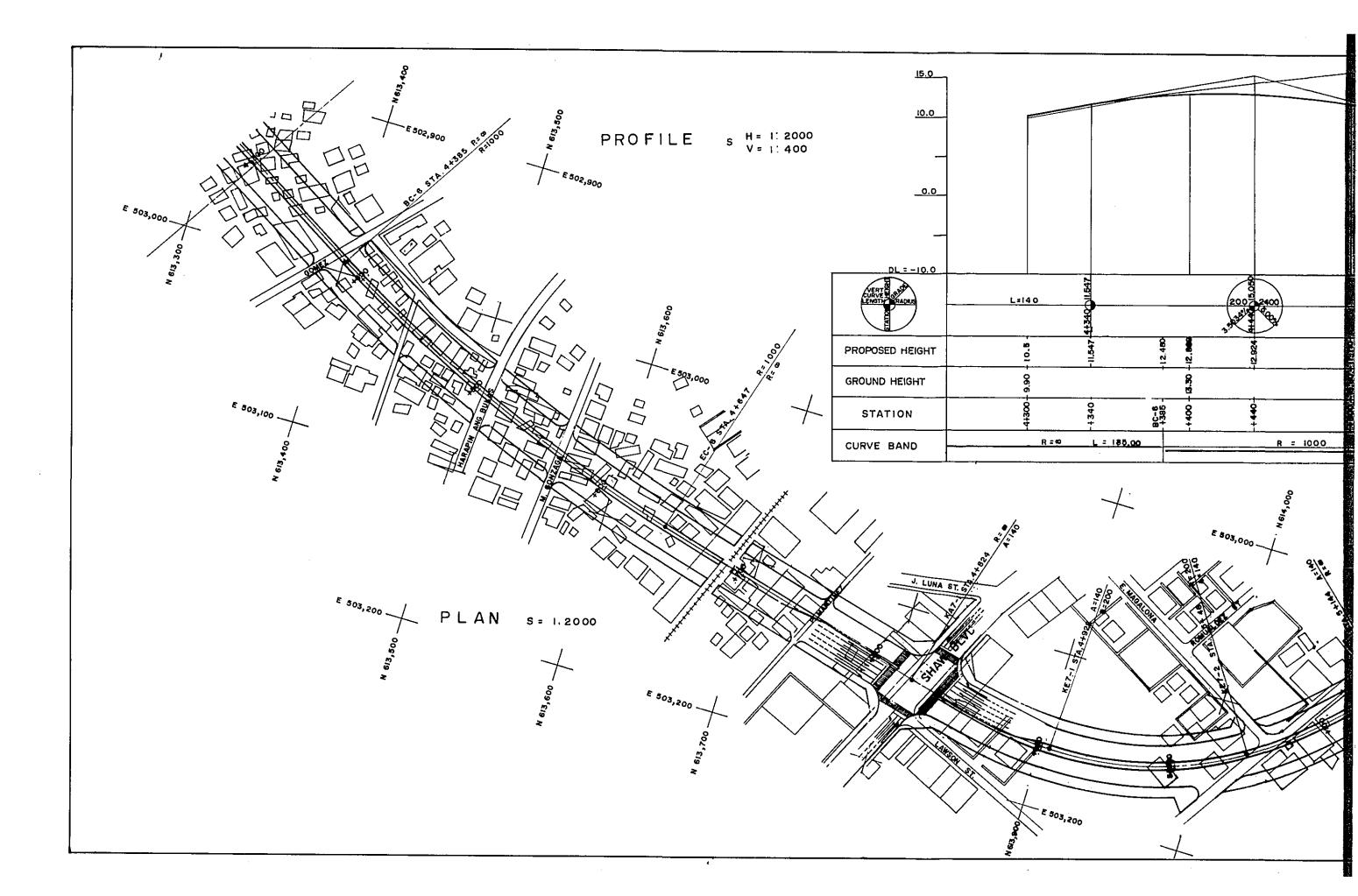


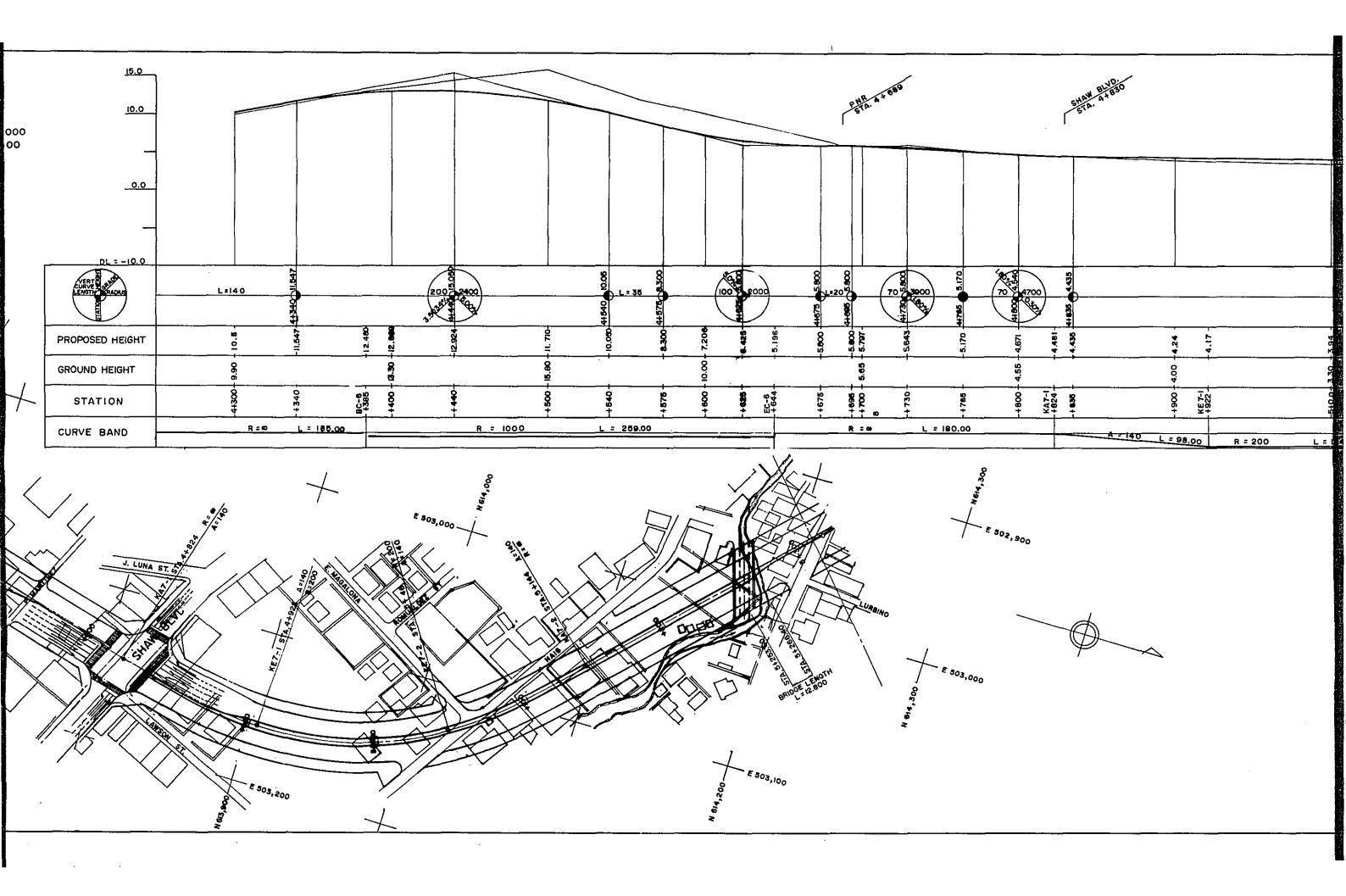


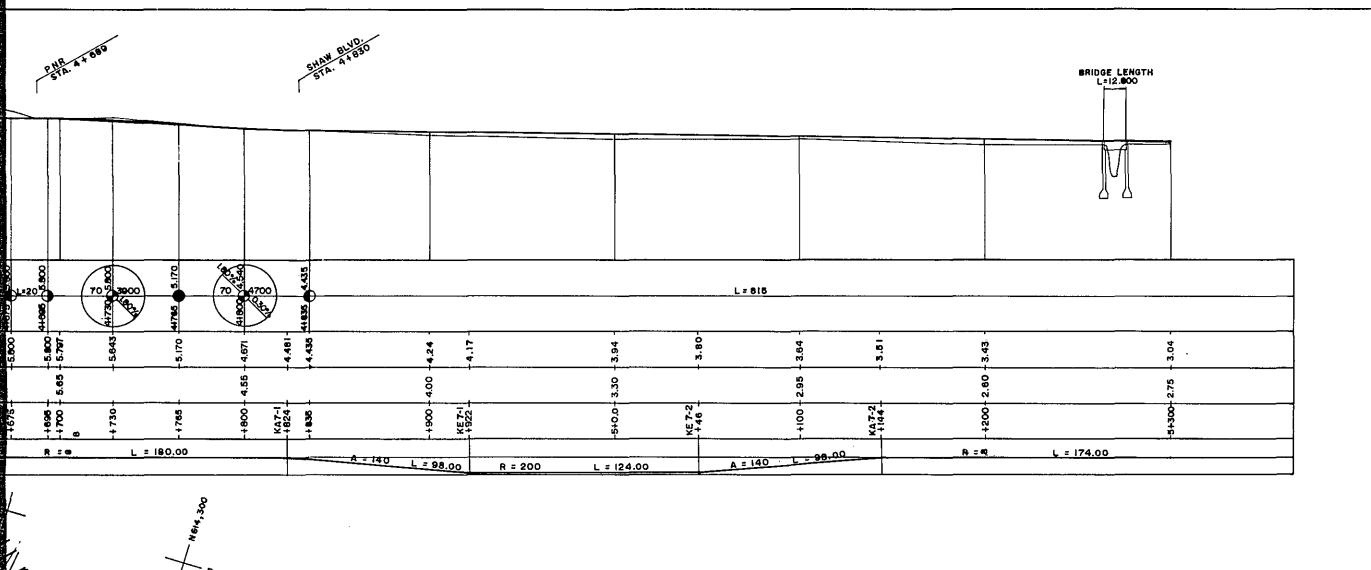












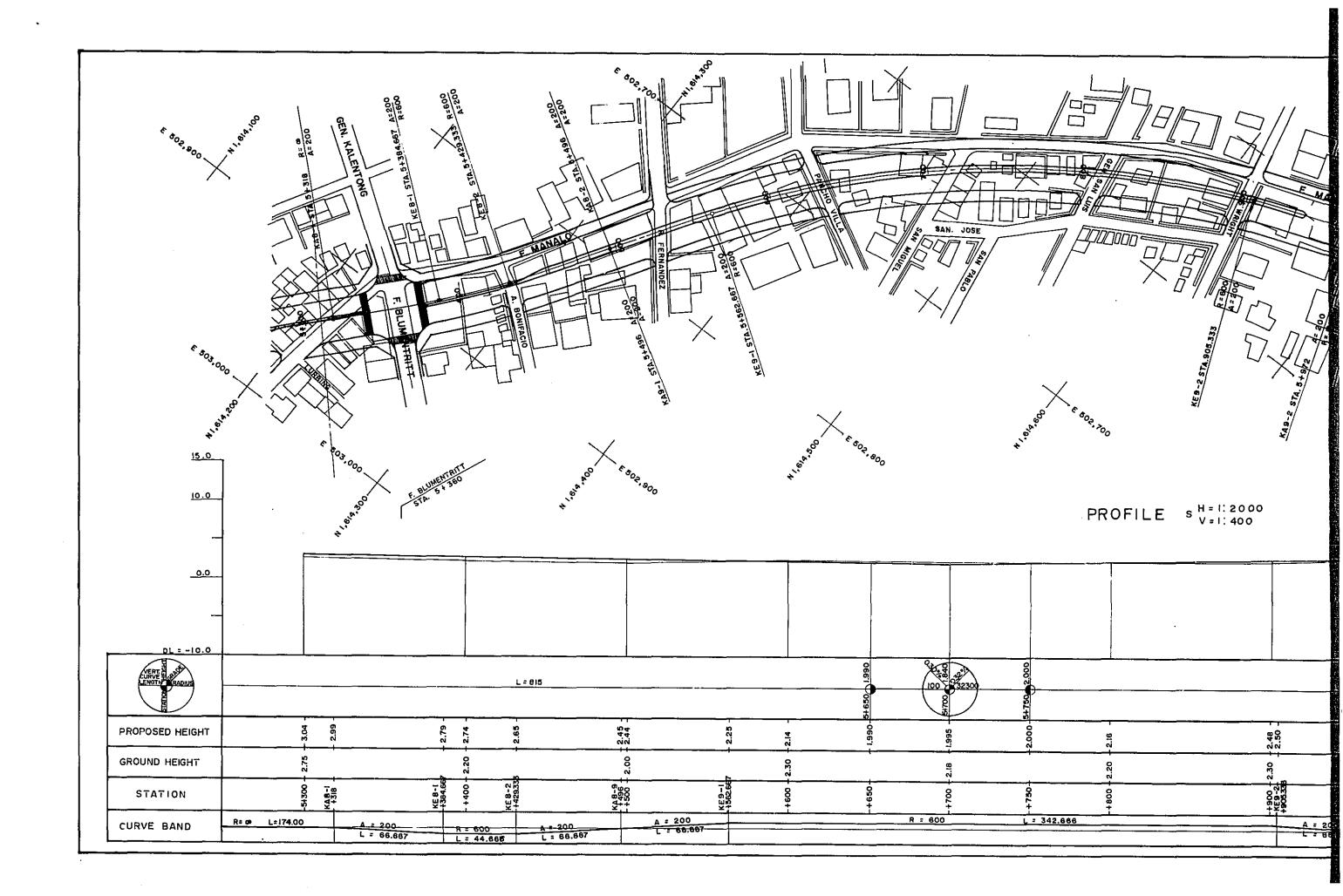
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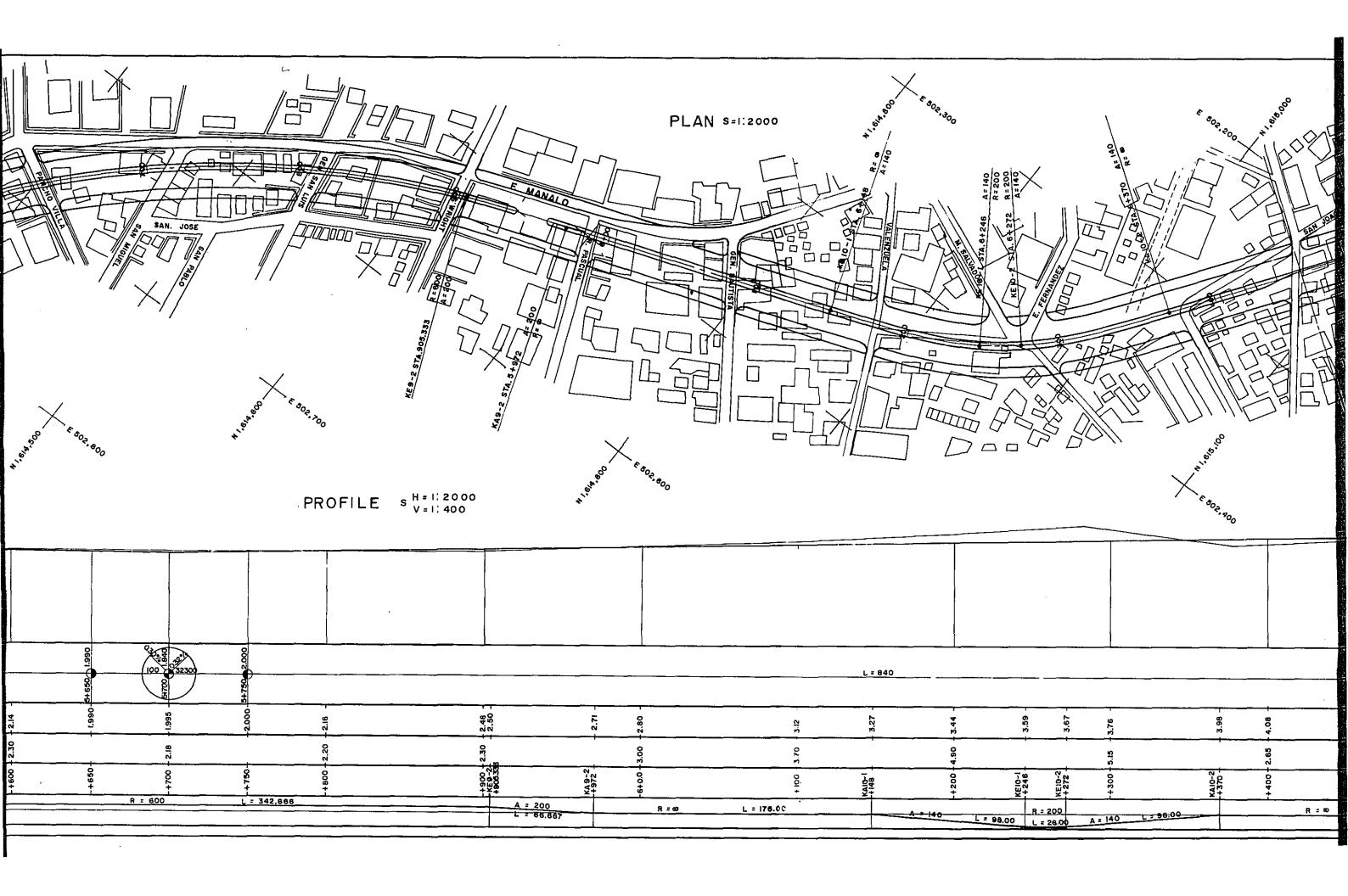
THE FEASIBILITY STUDY ON C-3 & R-4 ROADS CONSTRUCTION PROJECT

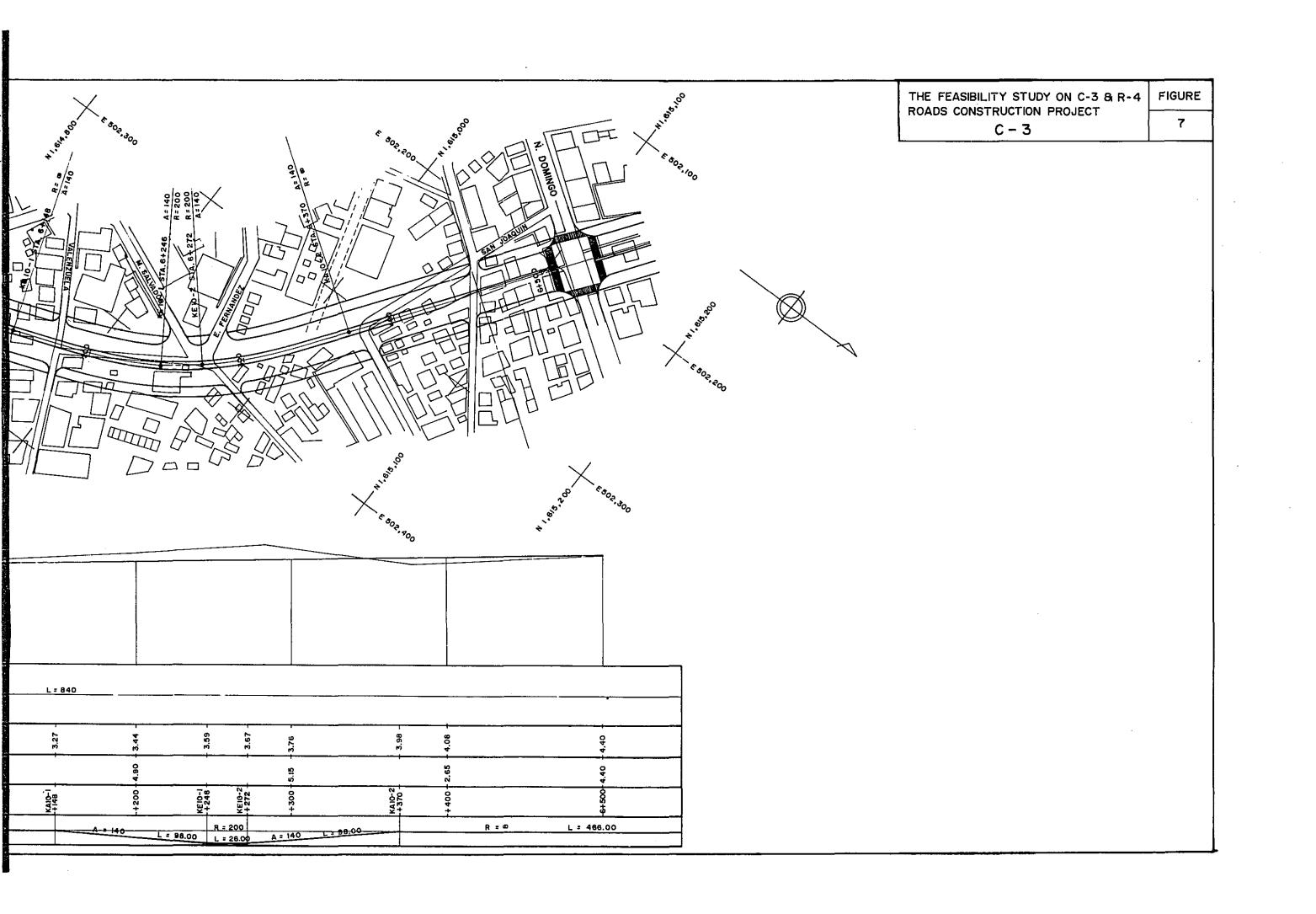
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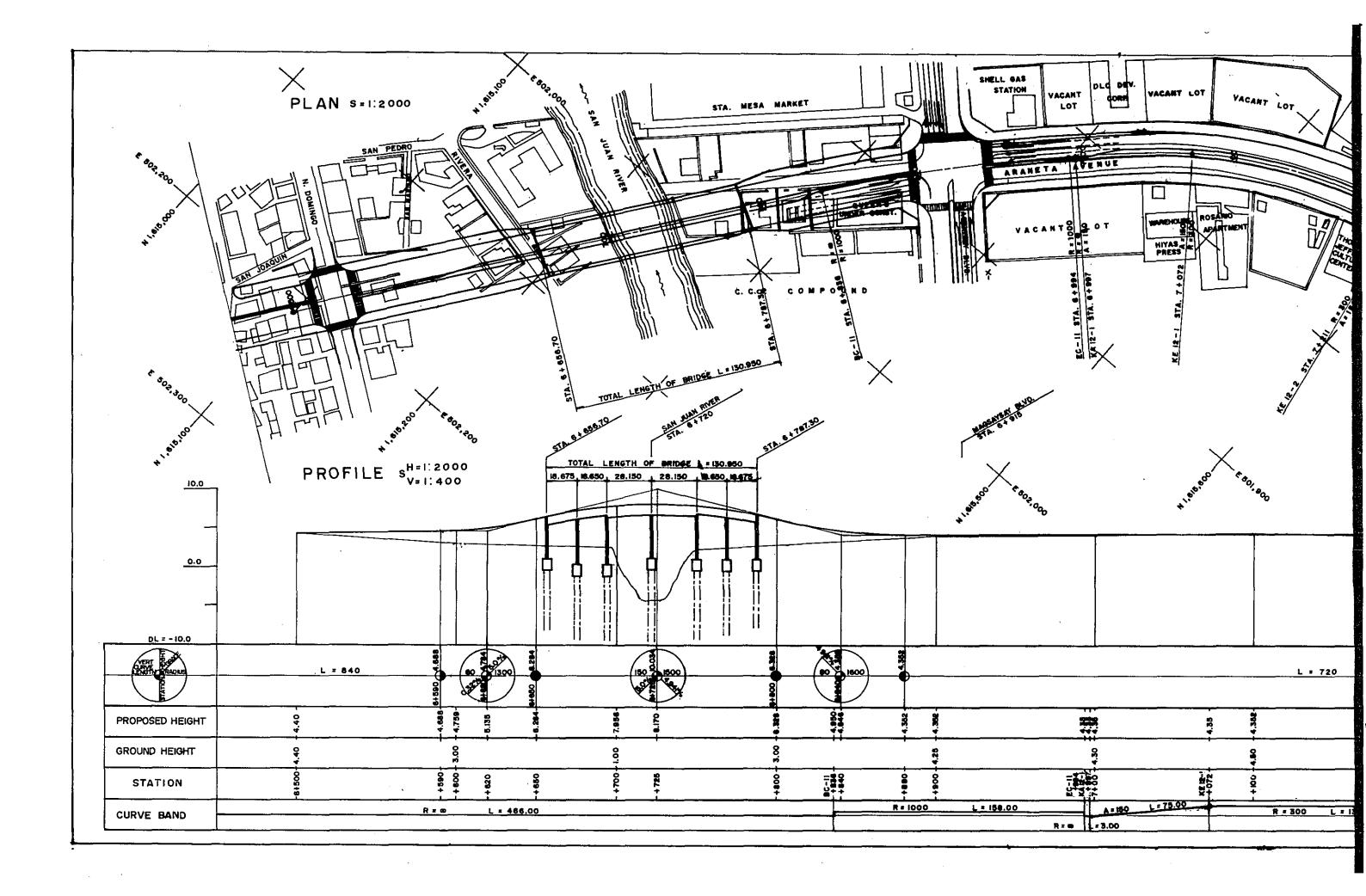
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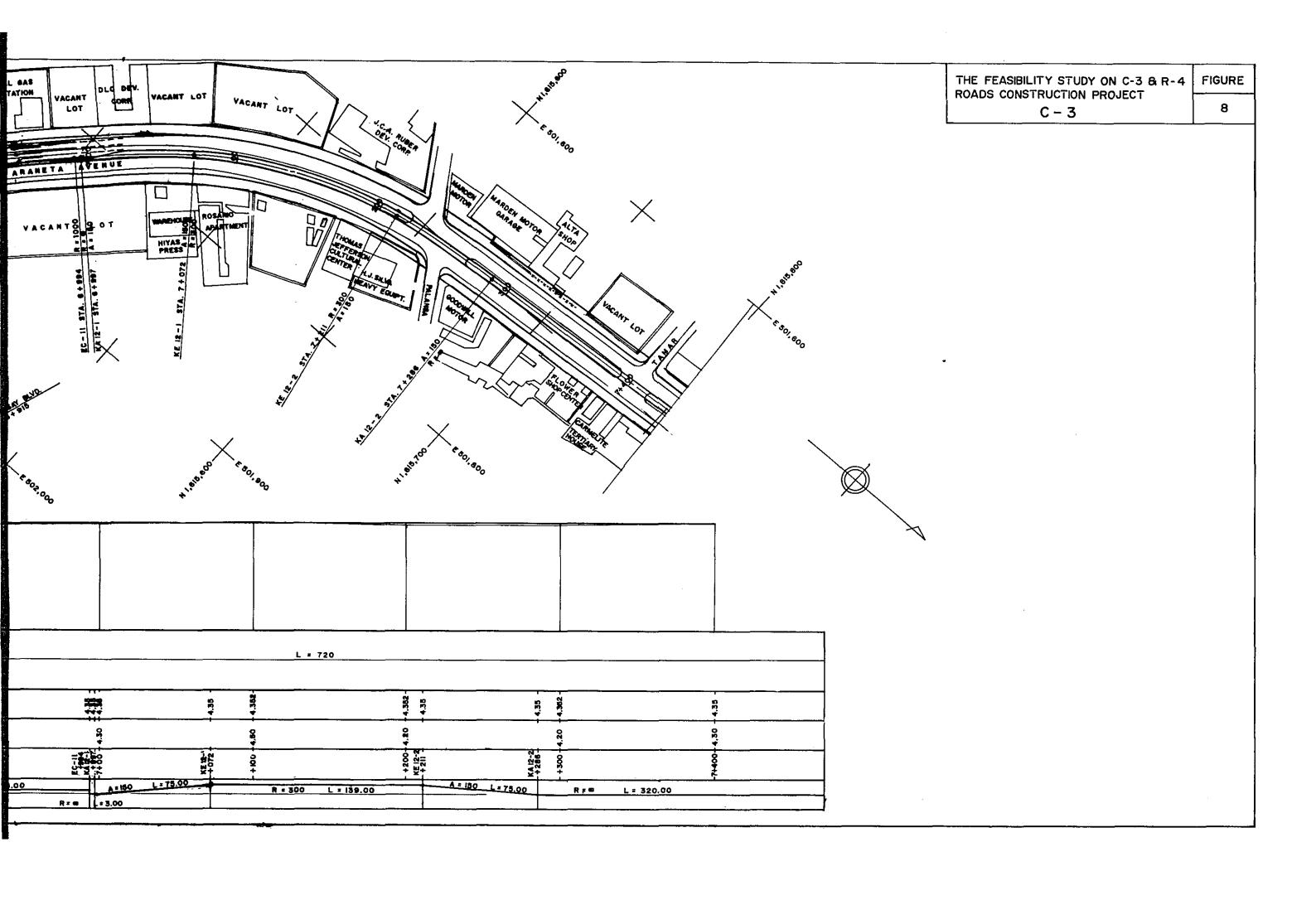
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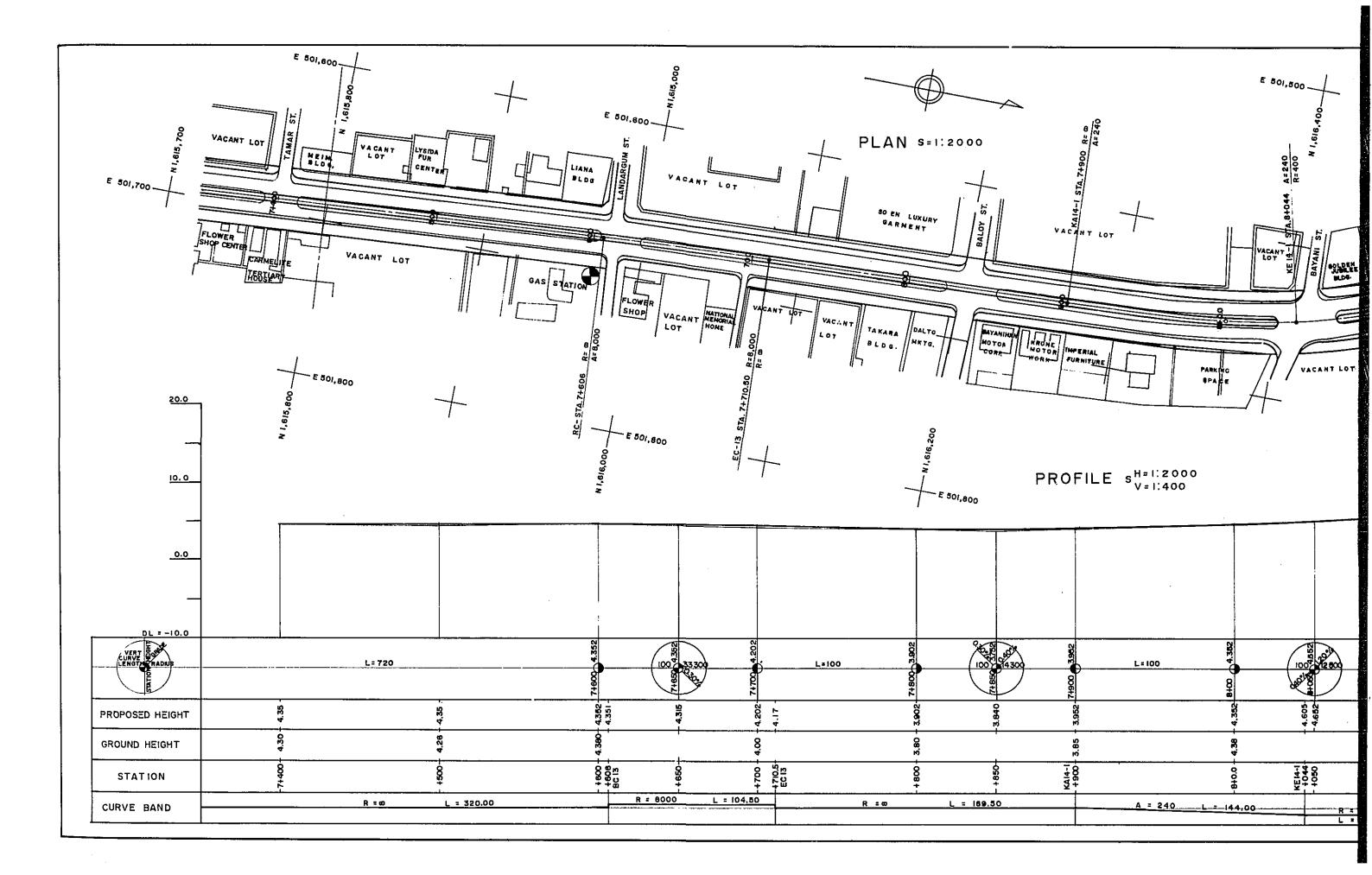


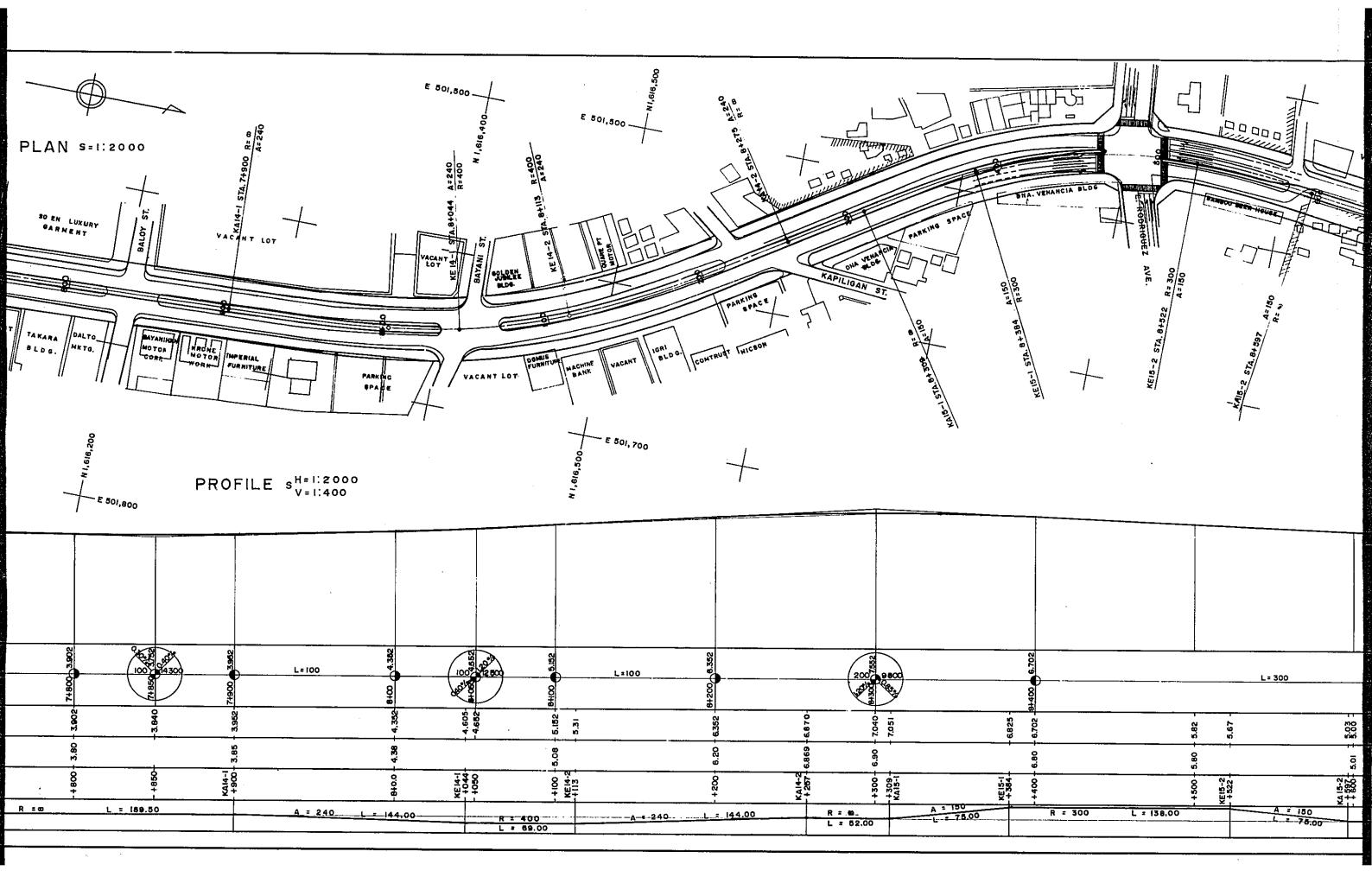


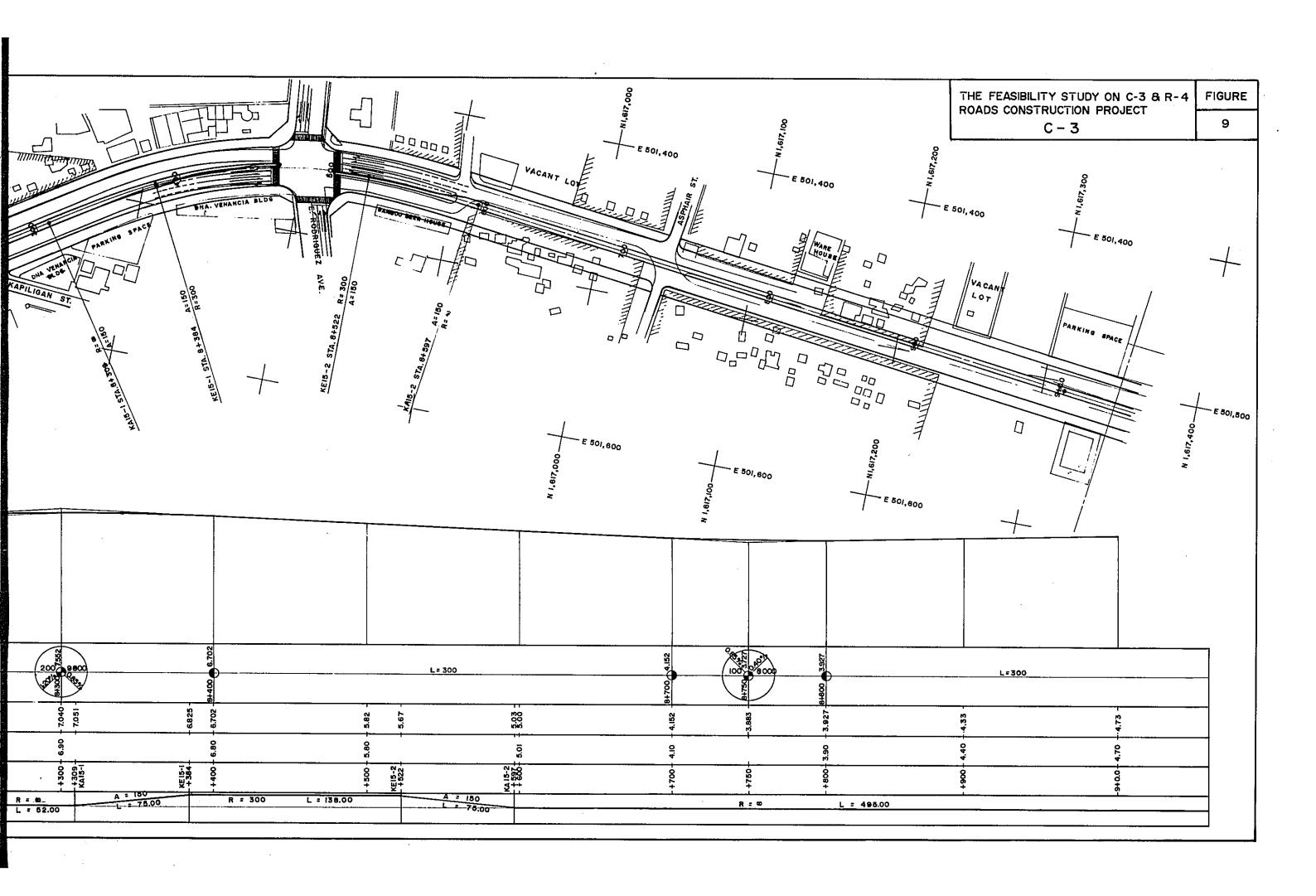


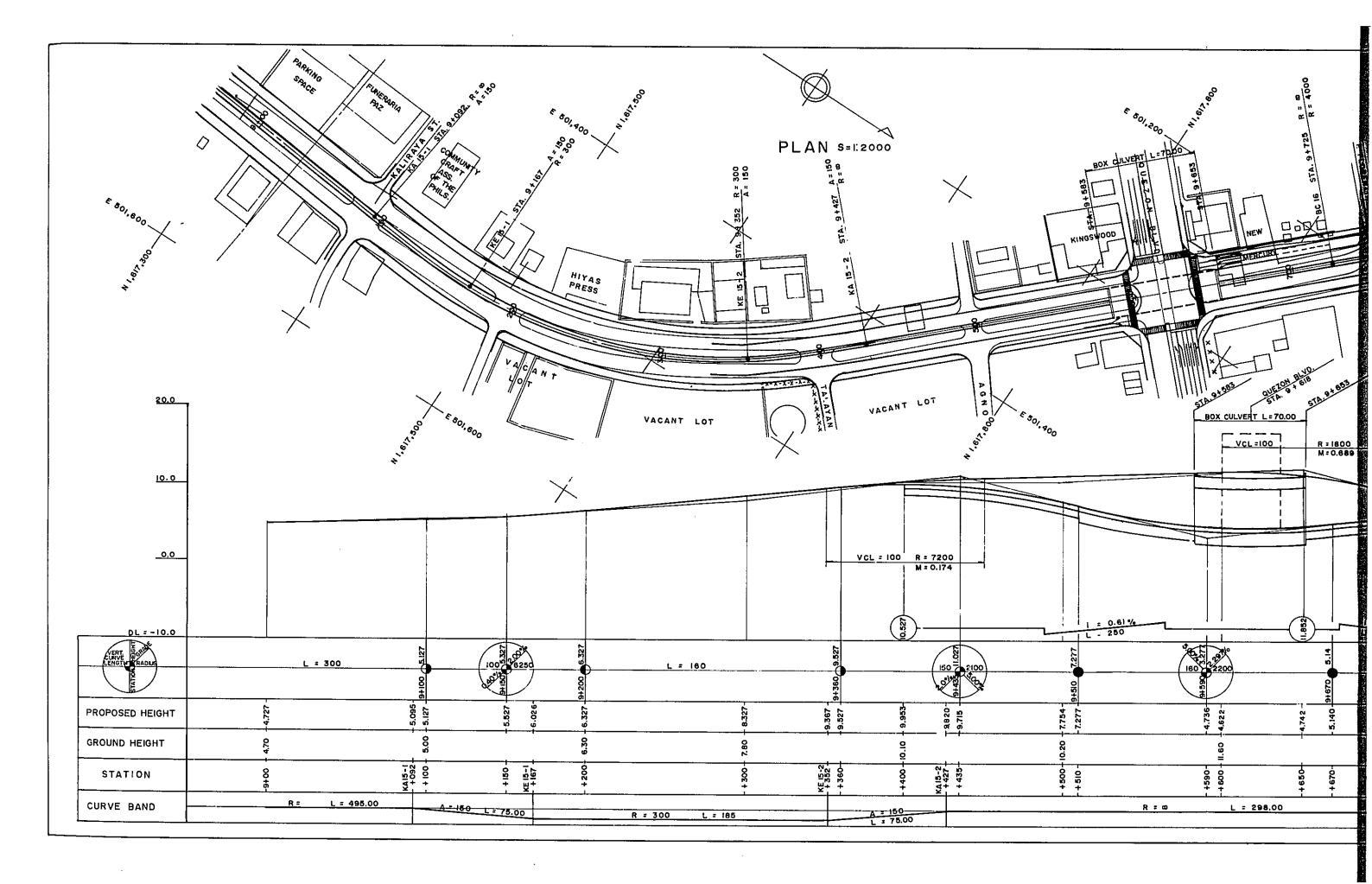


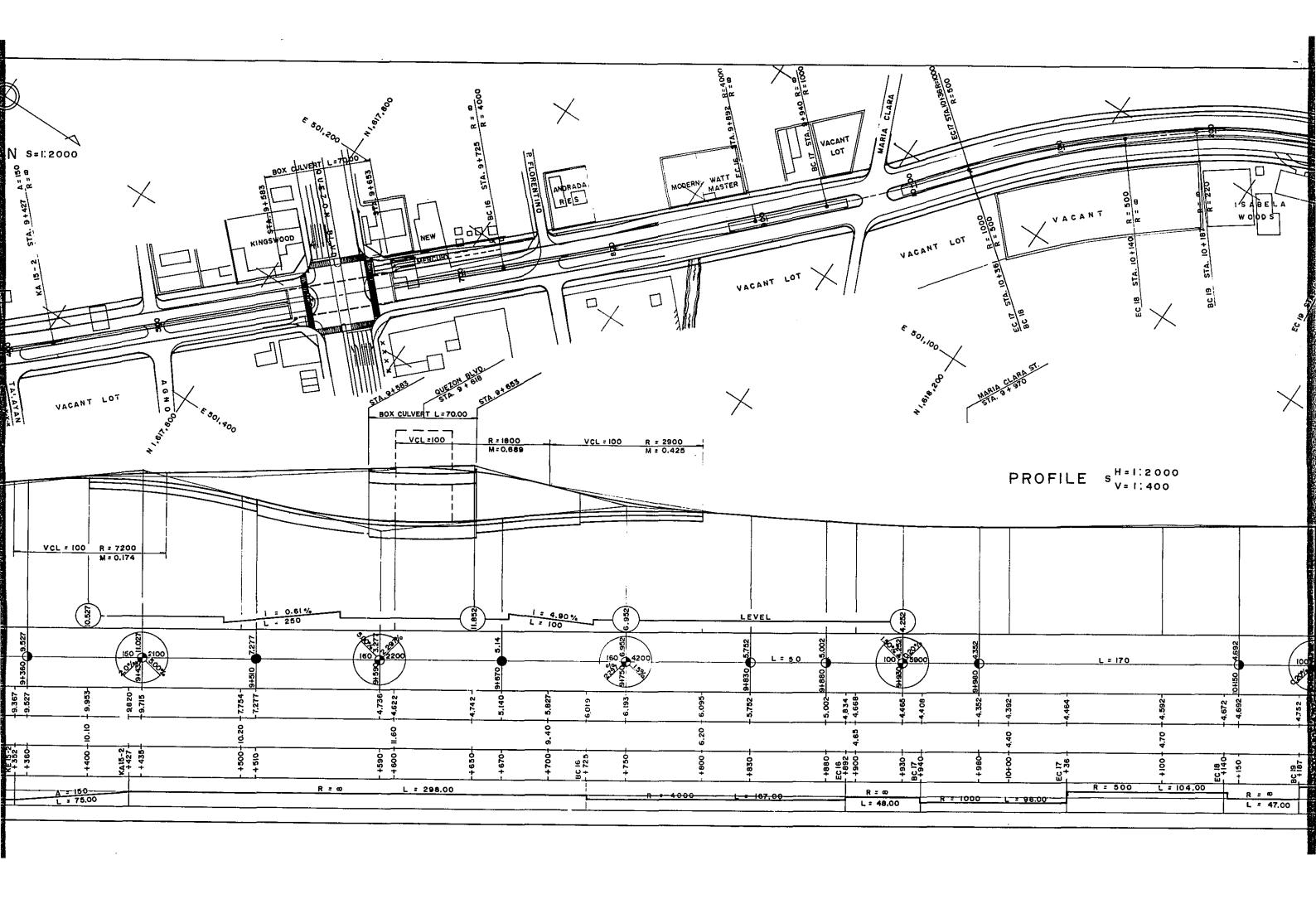


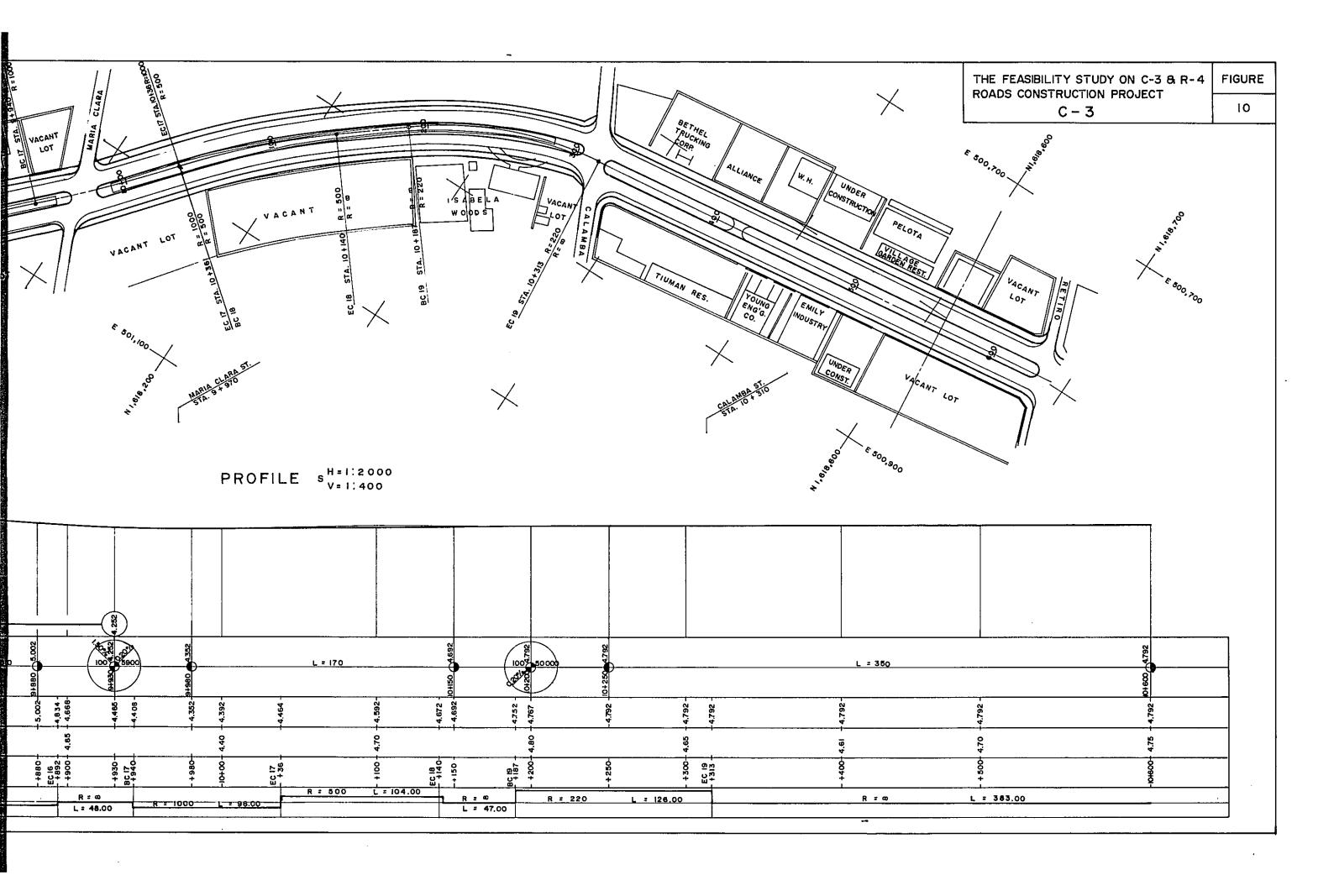


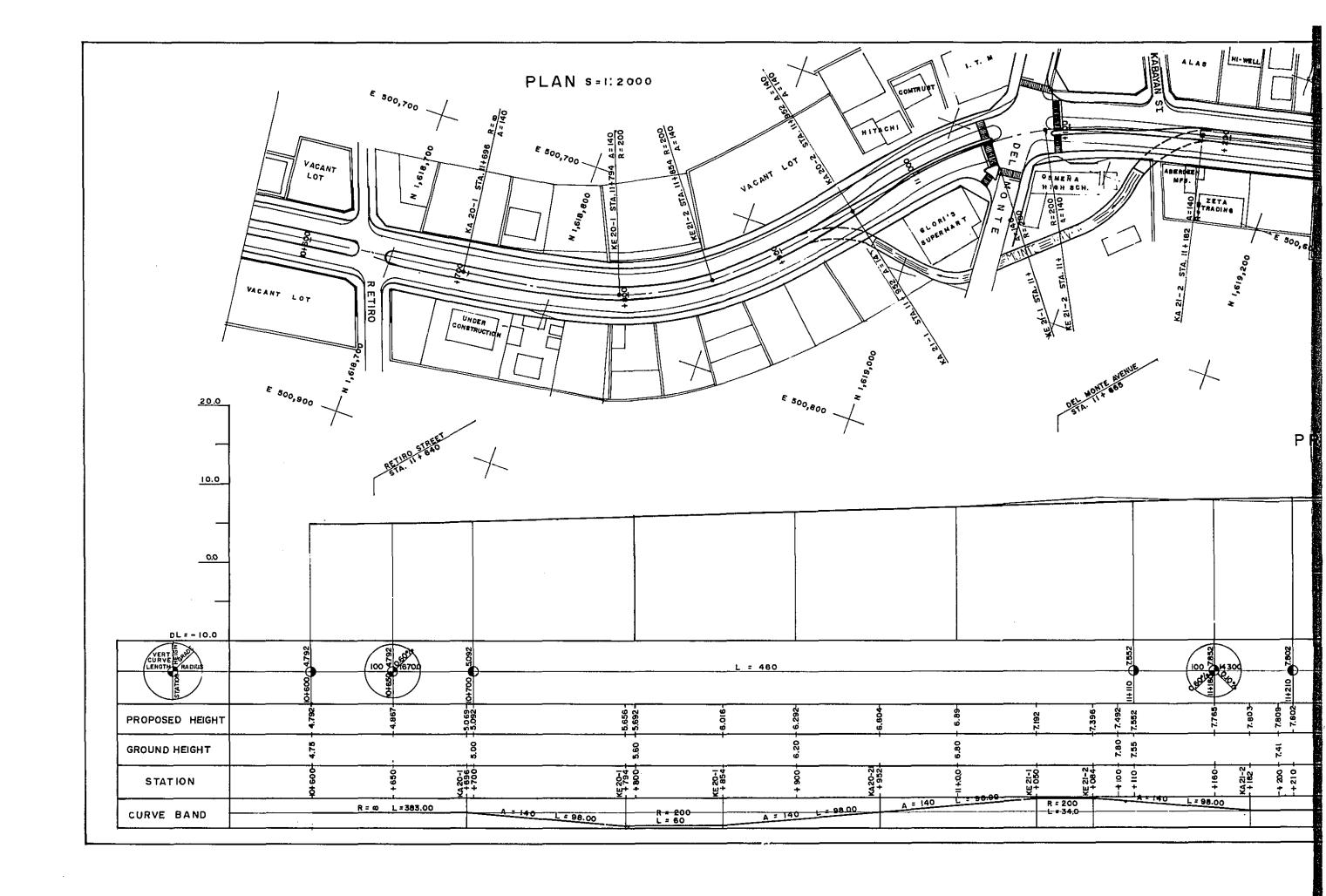


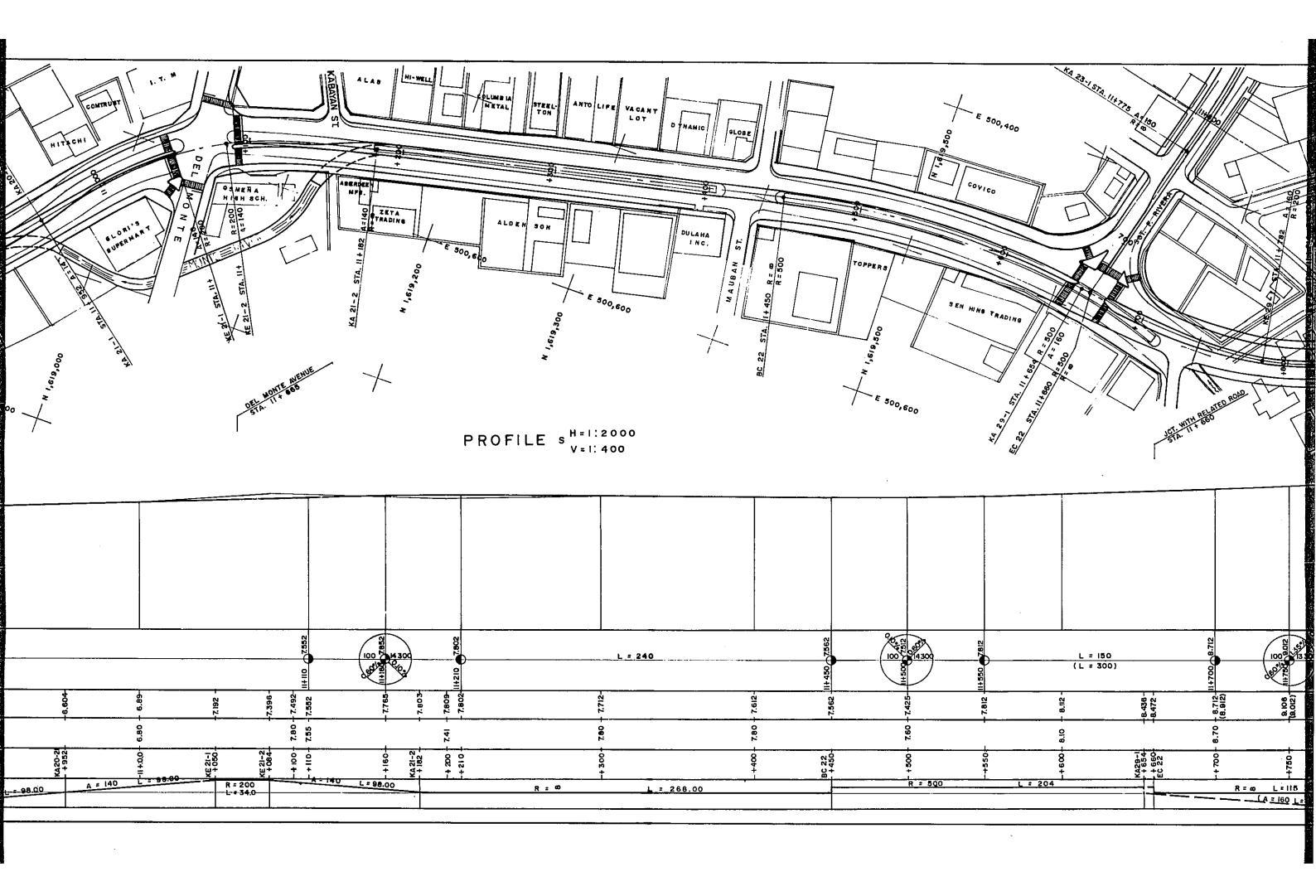


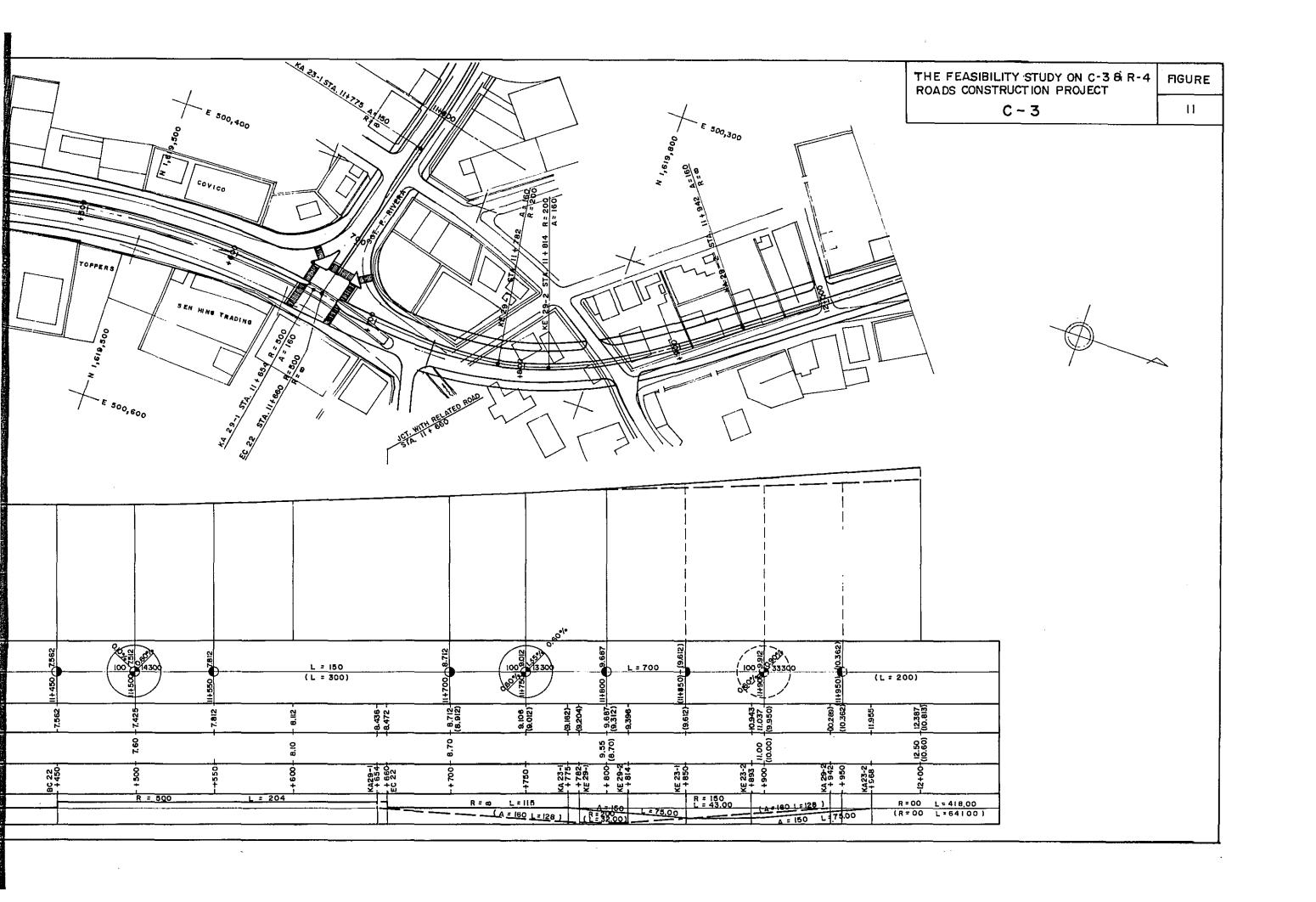


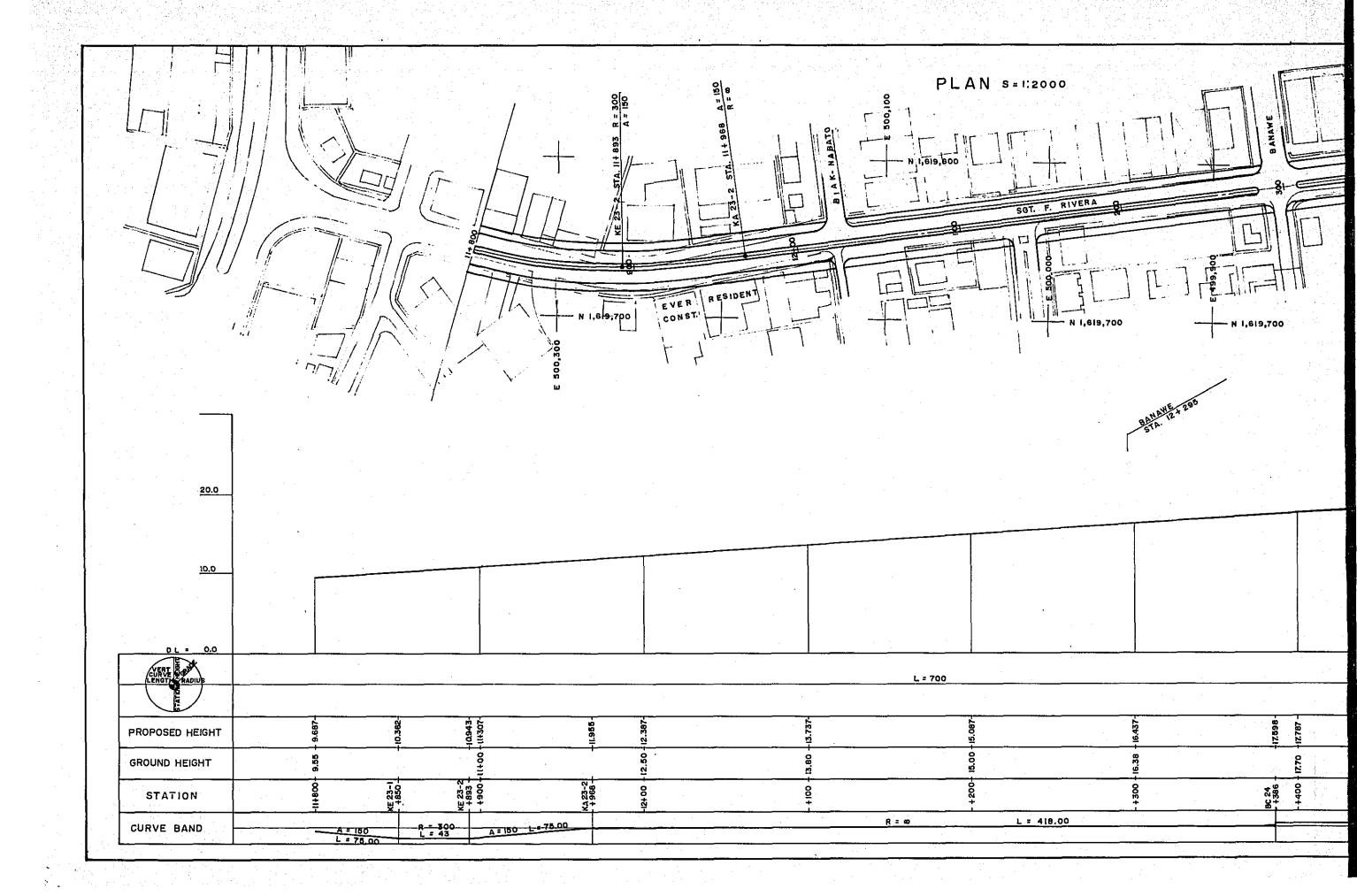


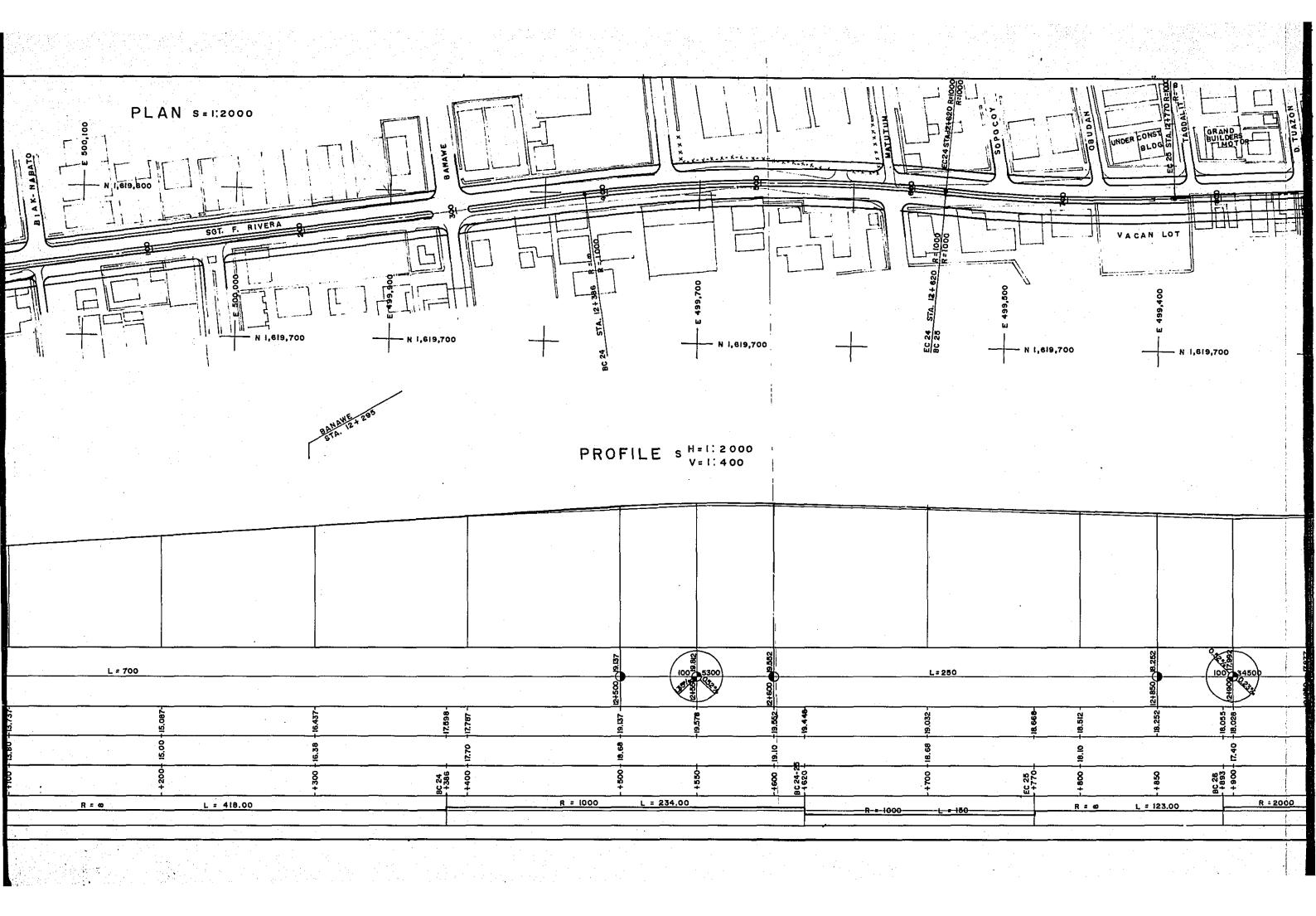


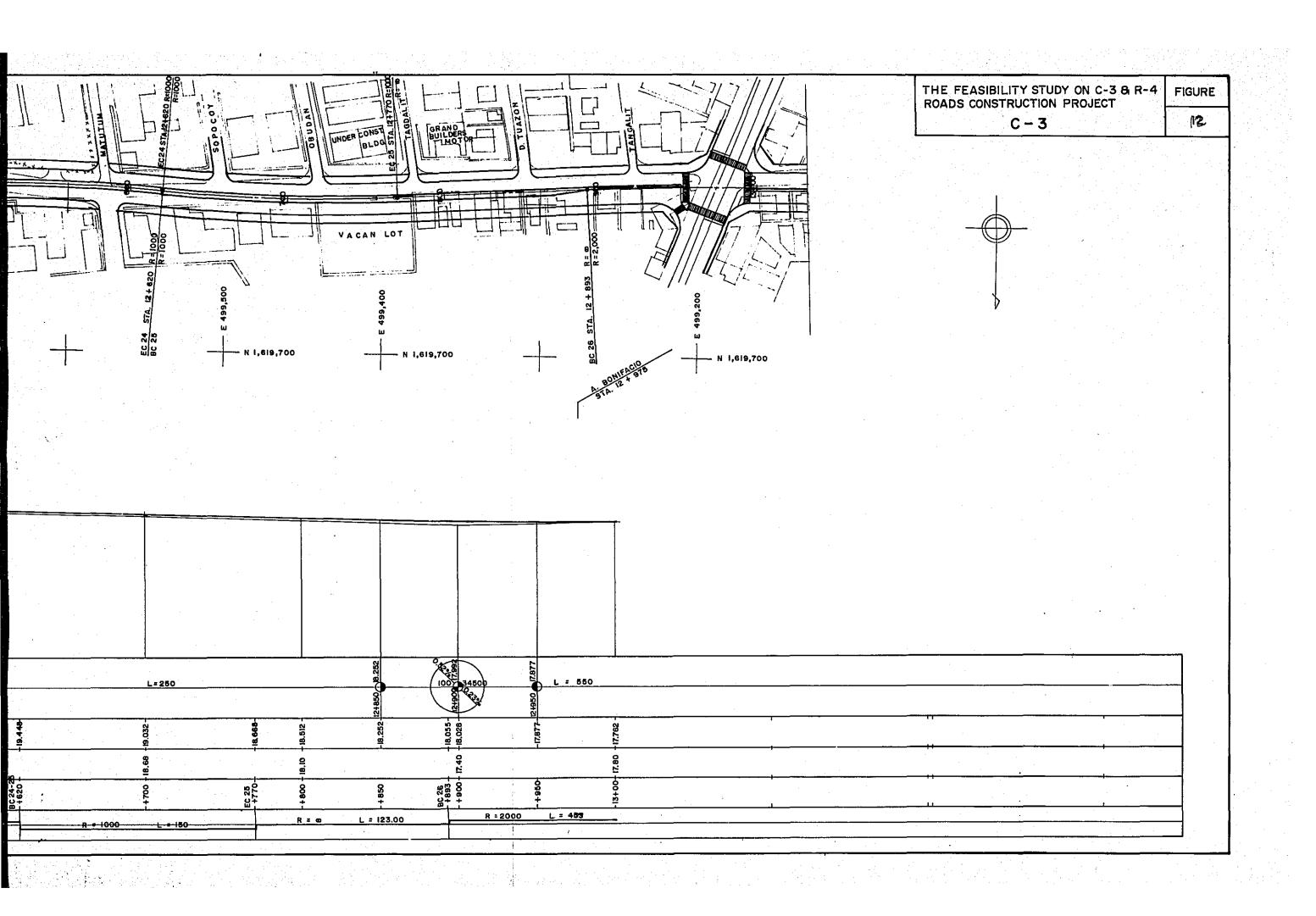


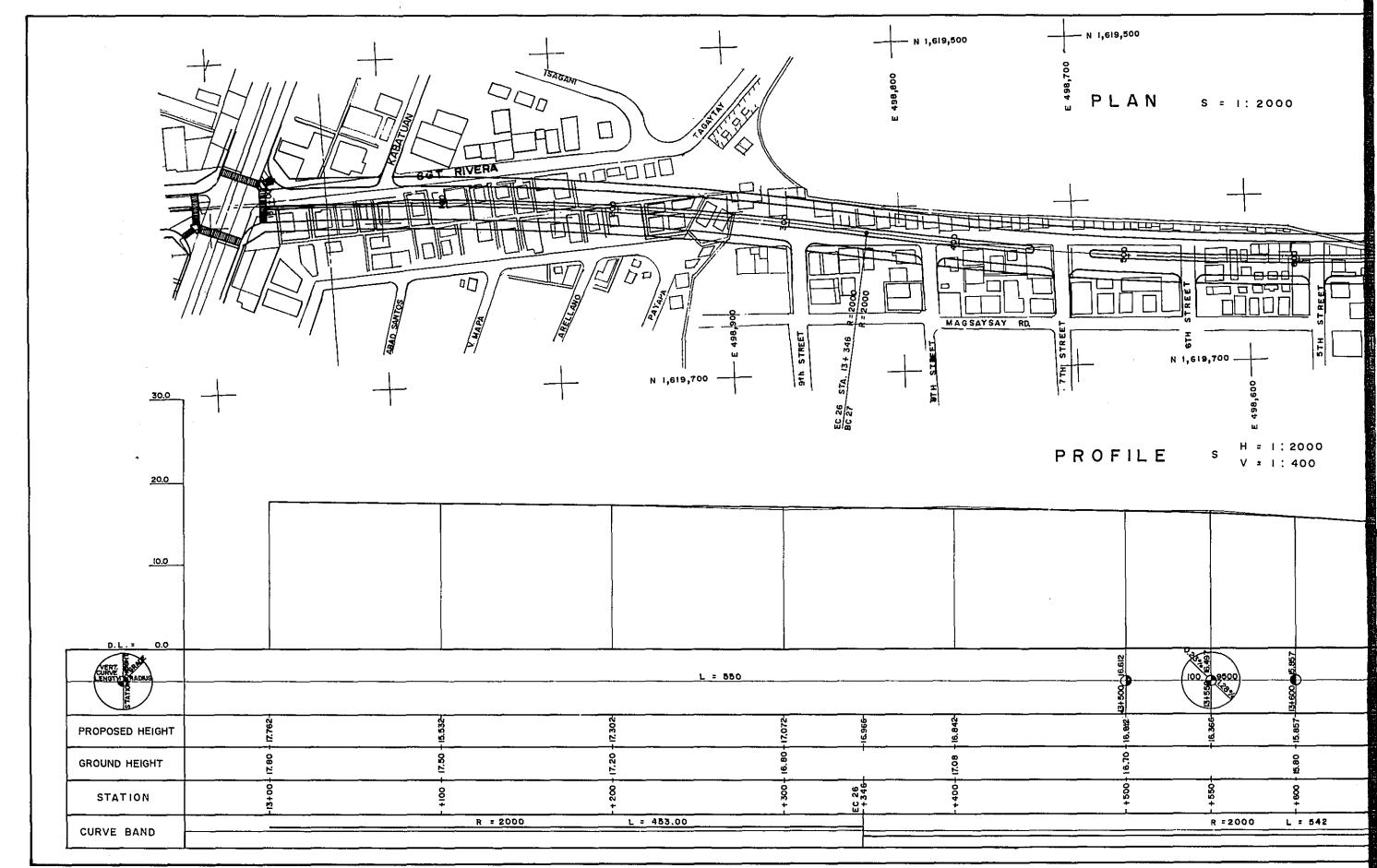


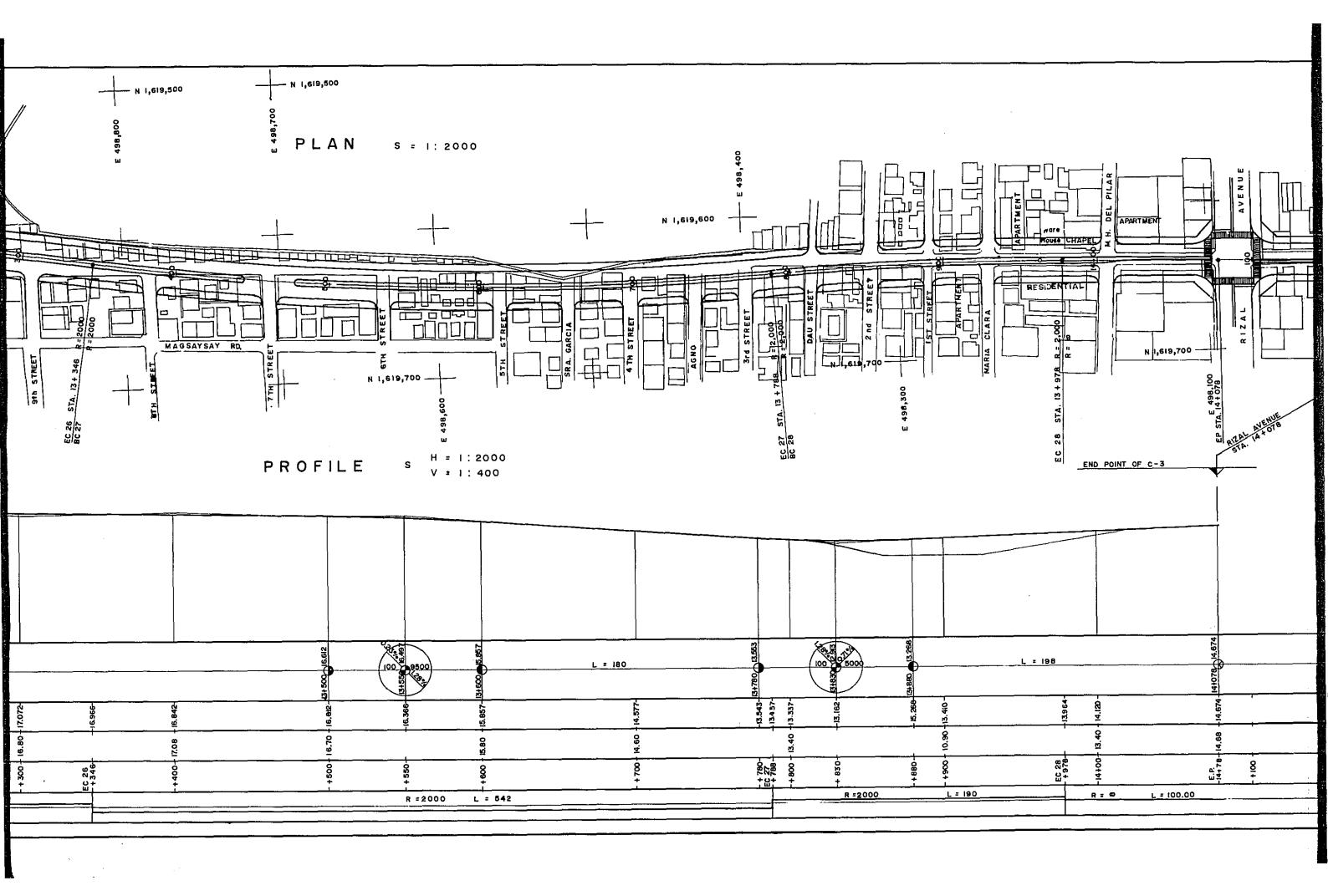


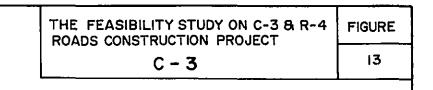


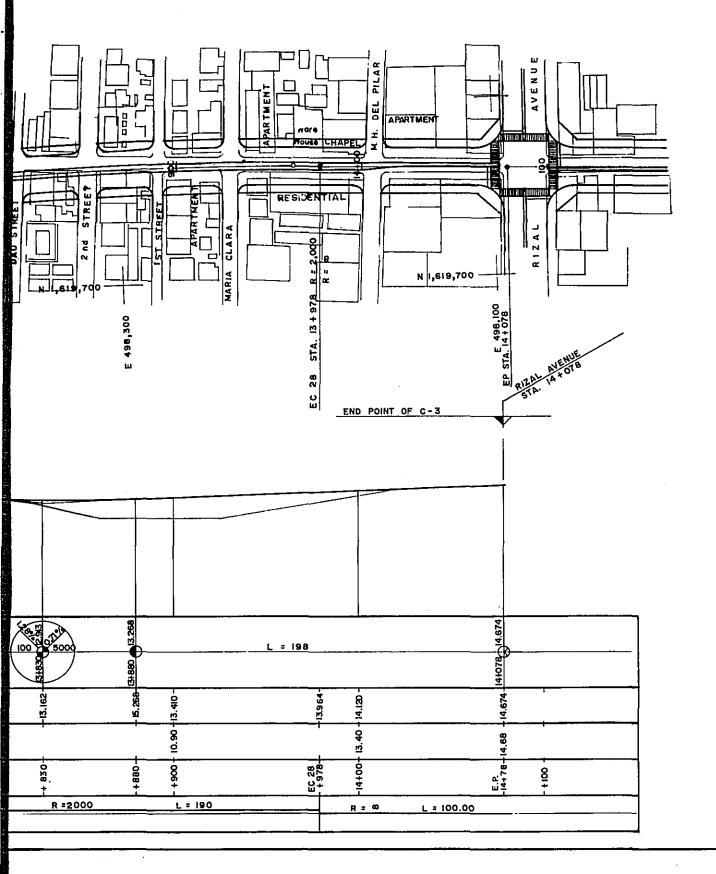




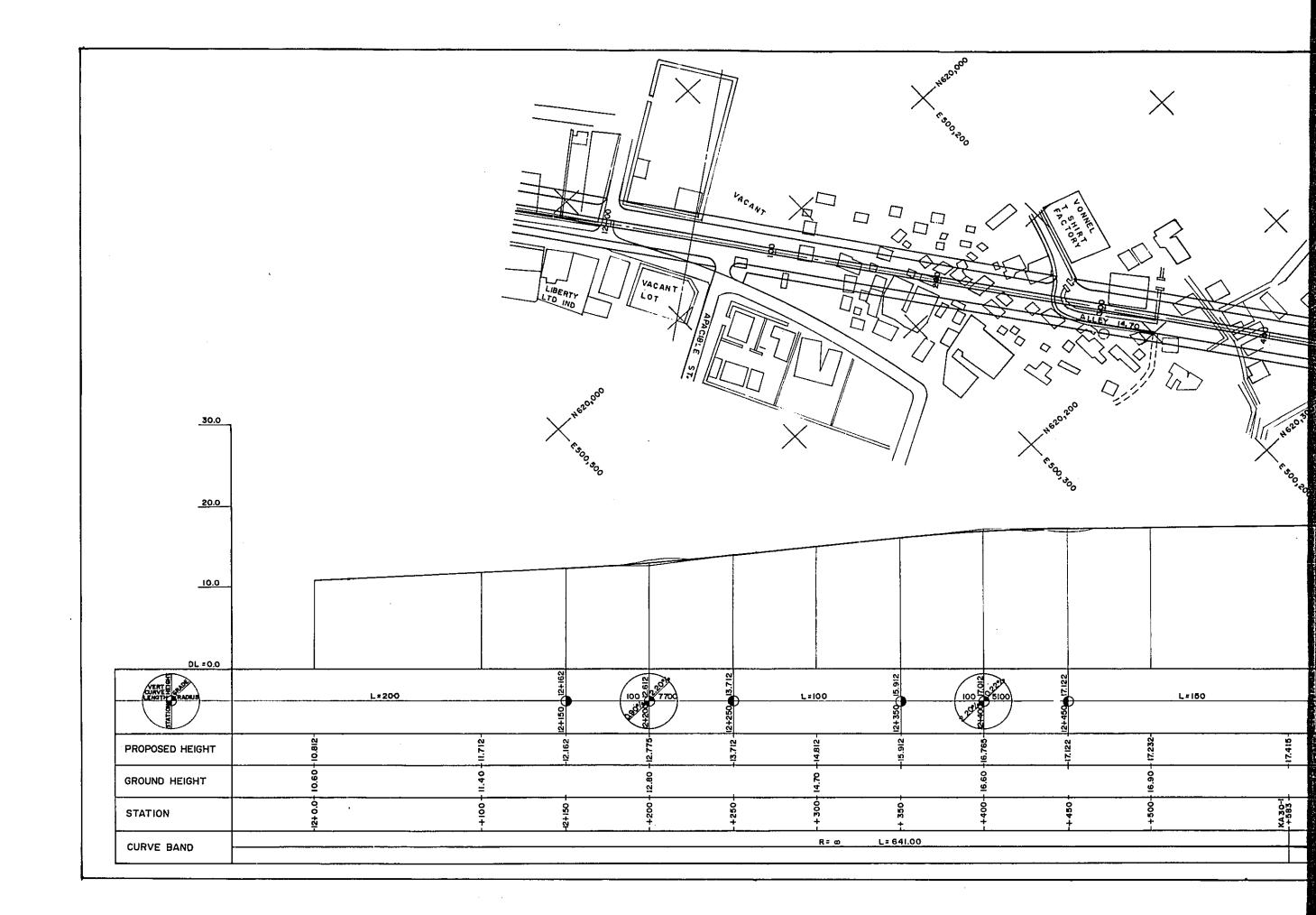


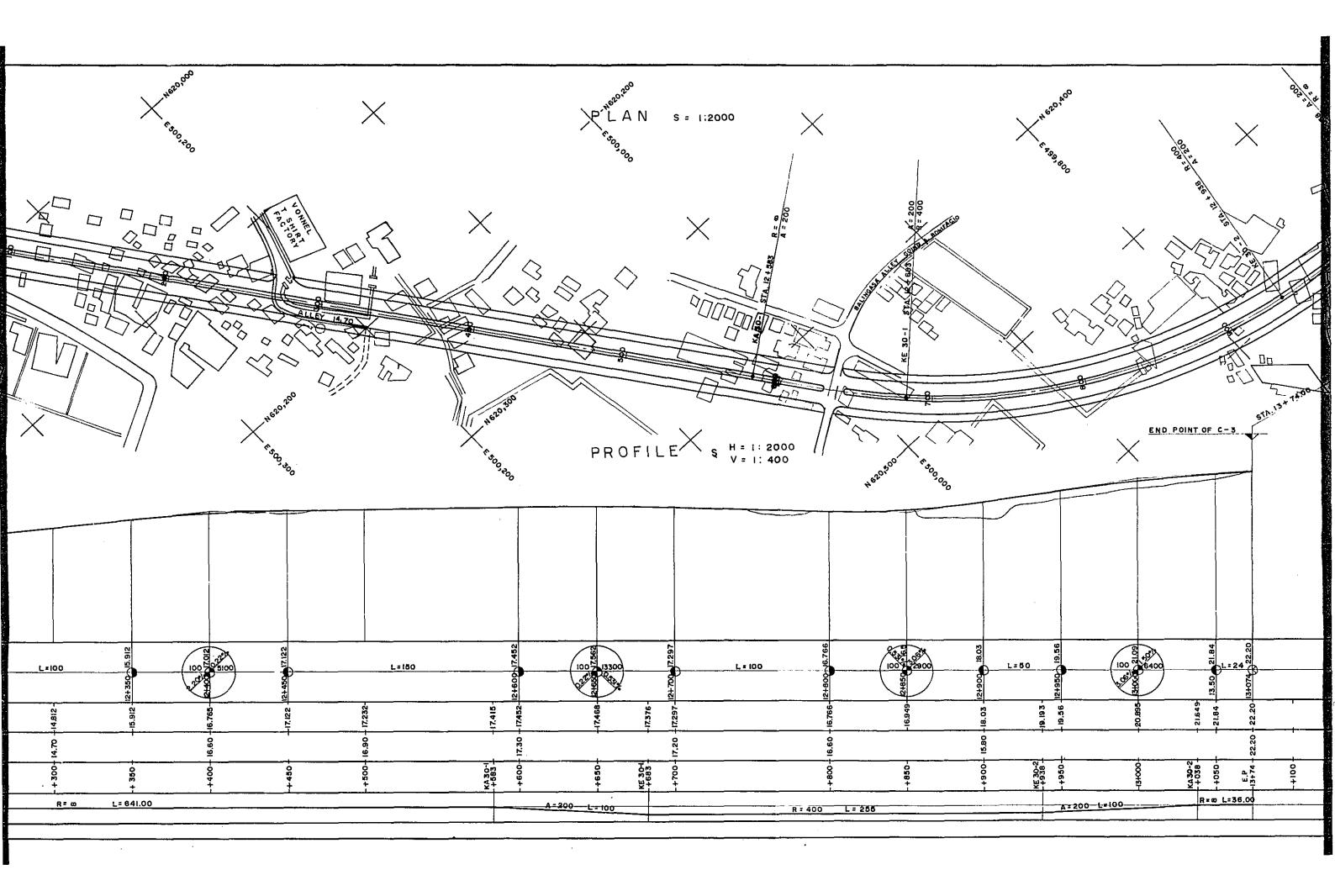


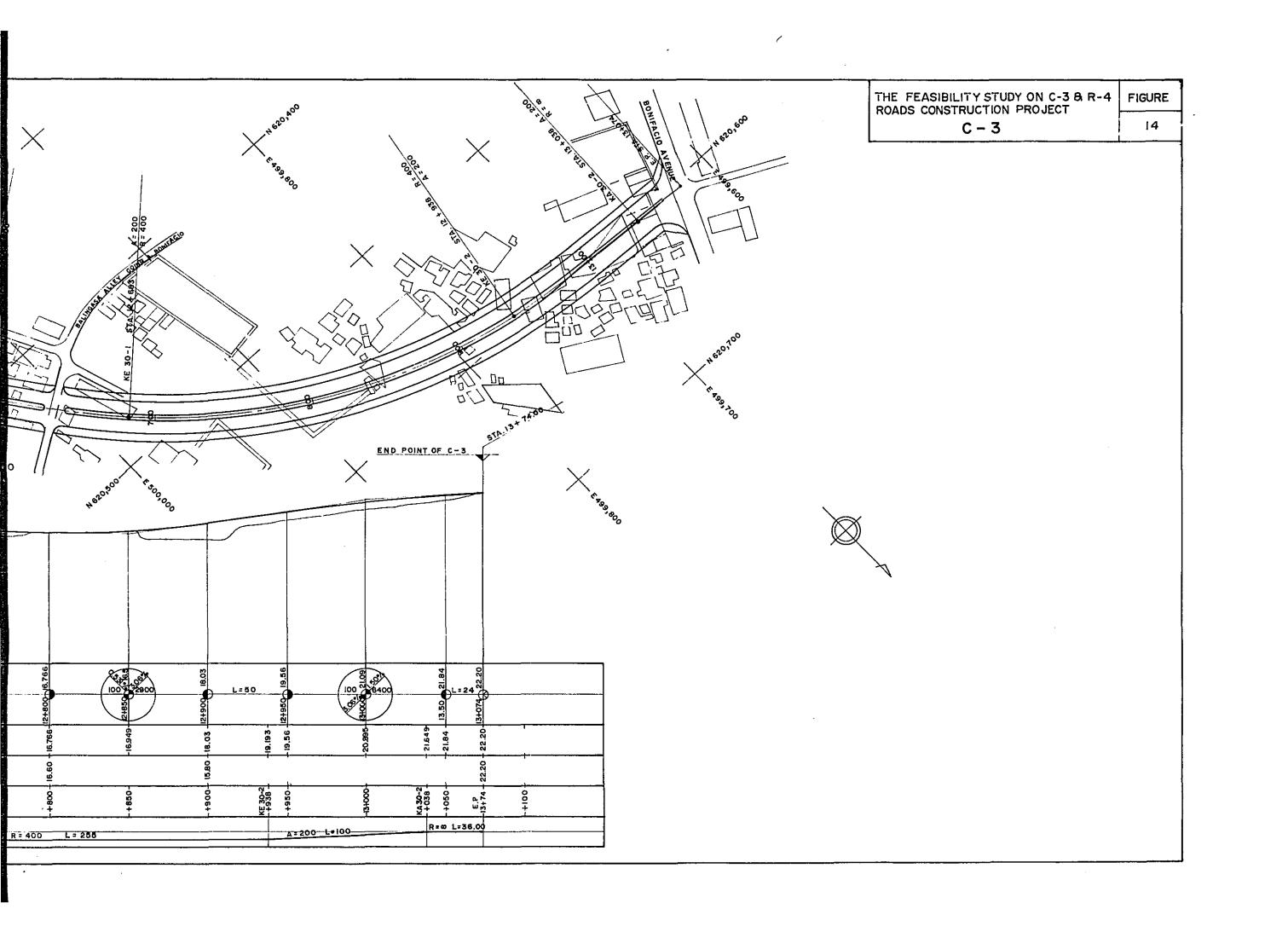


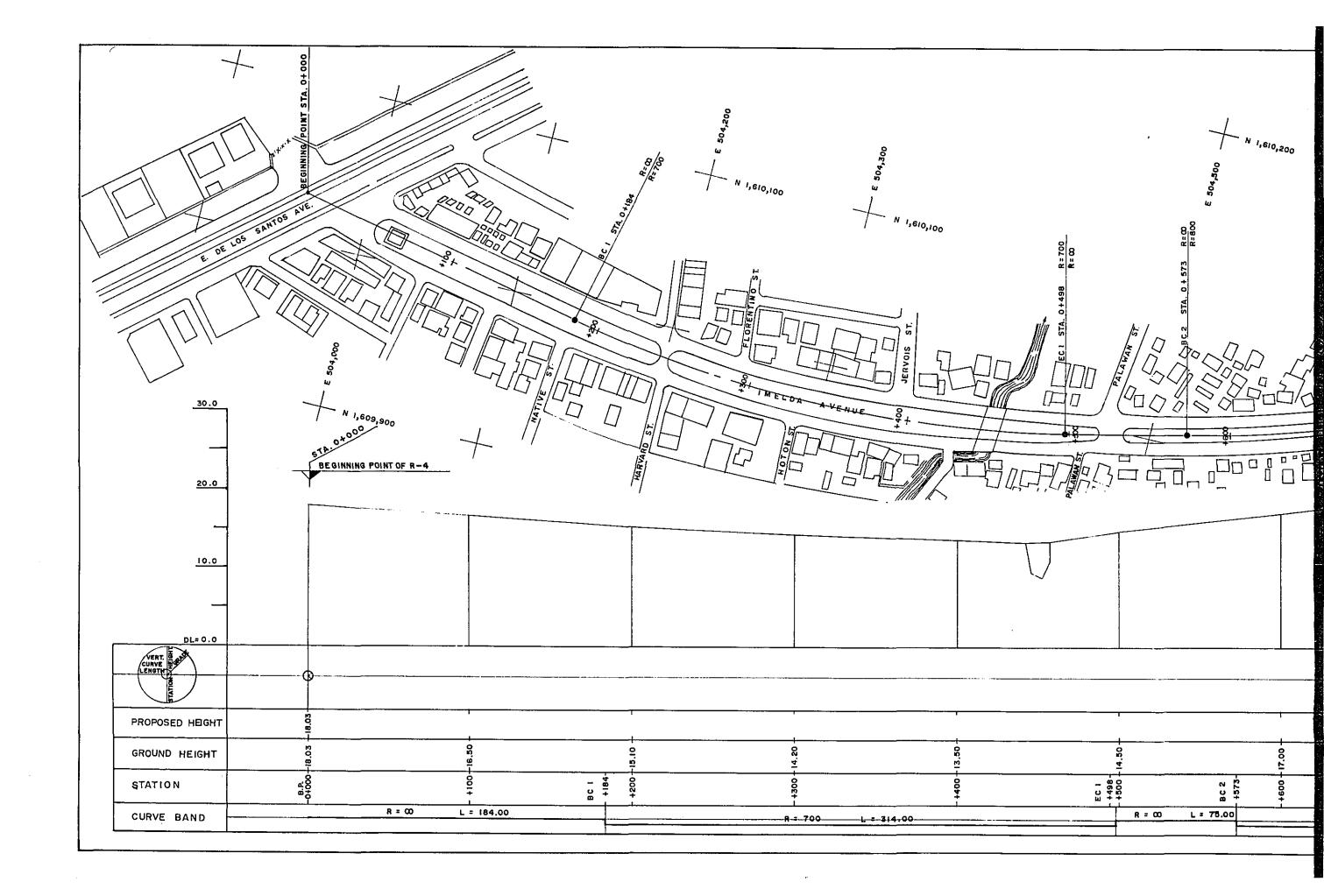


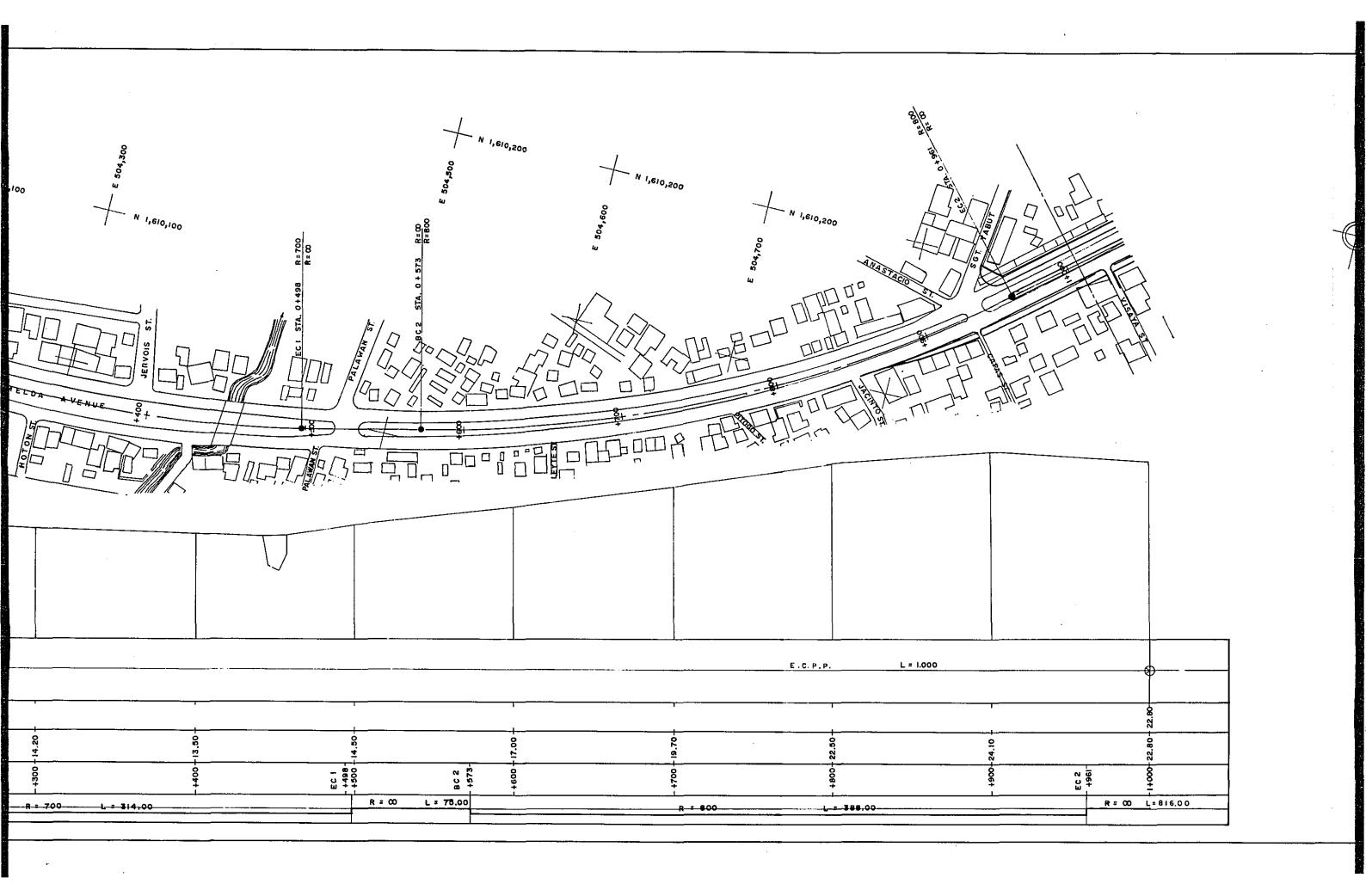




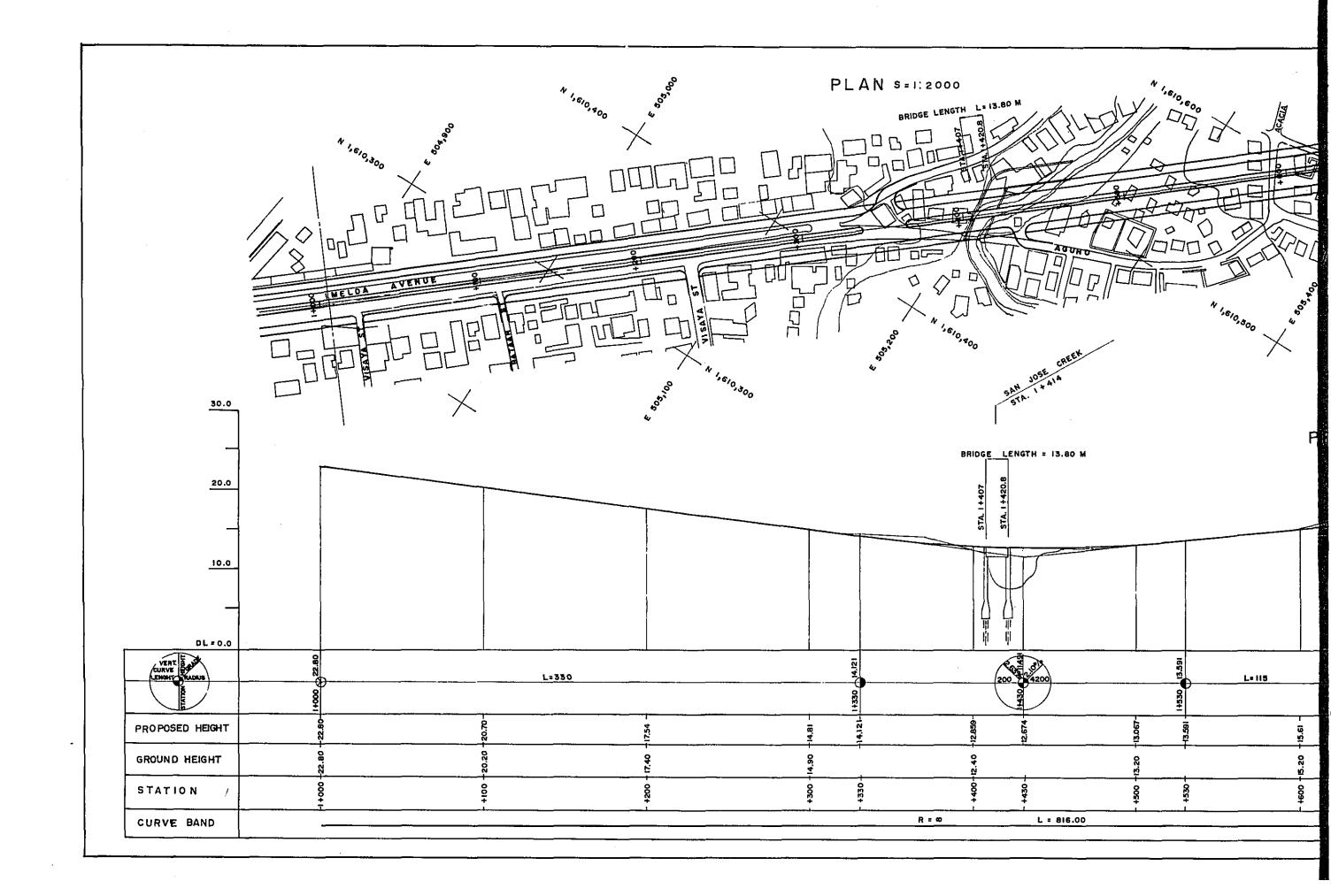


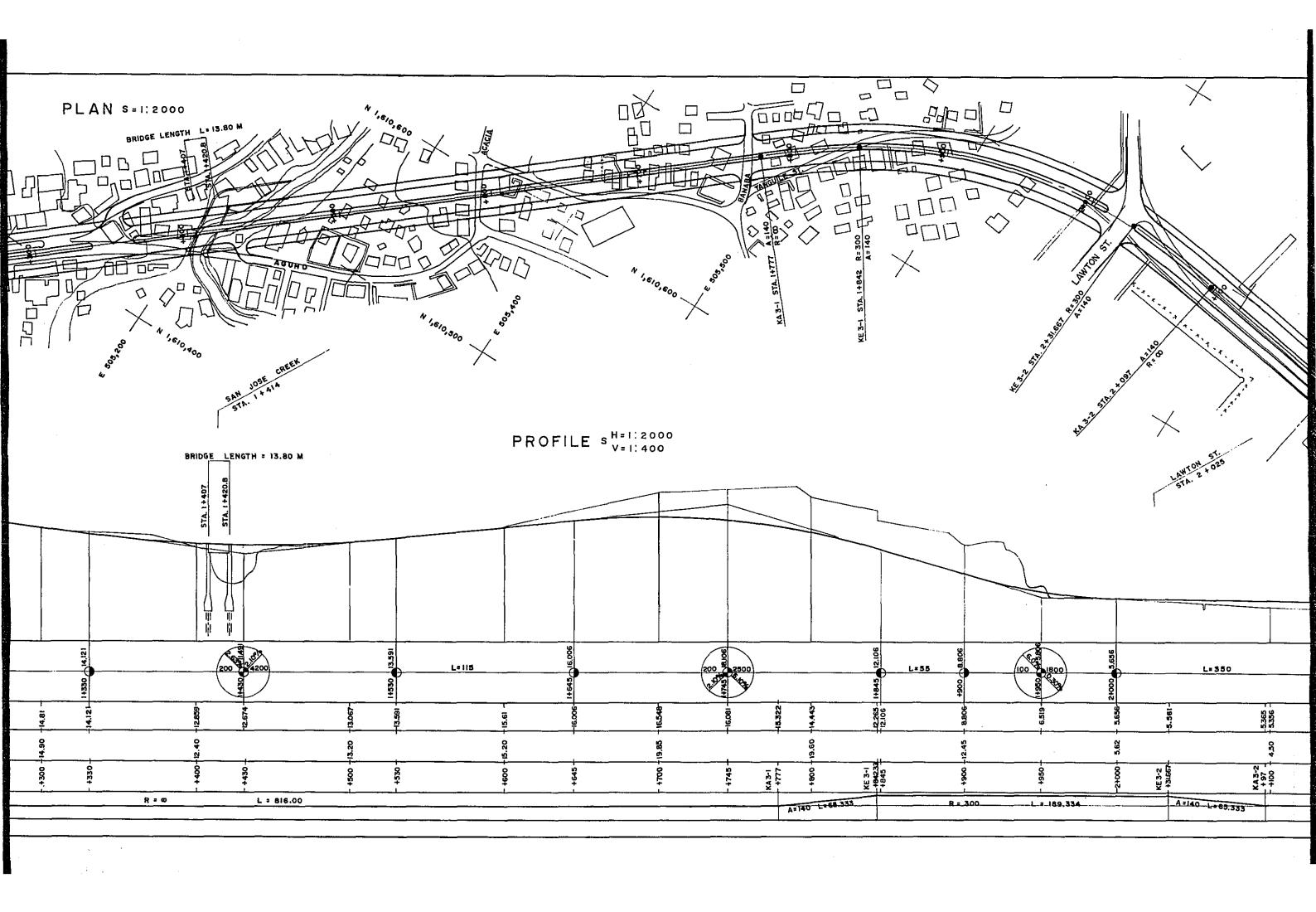


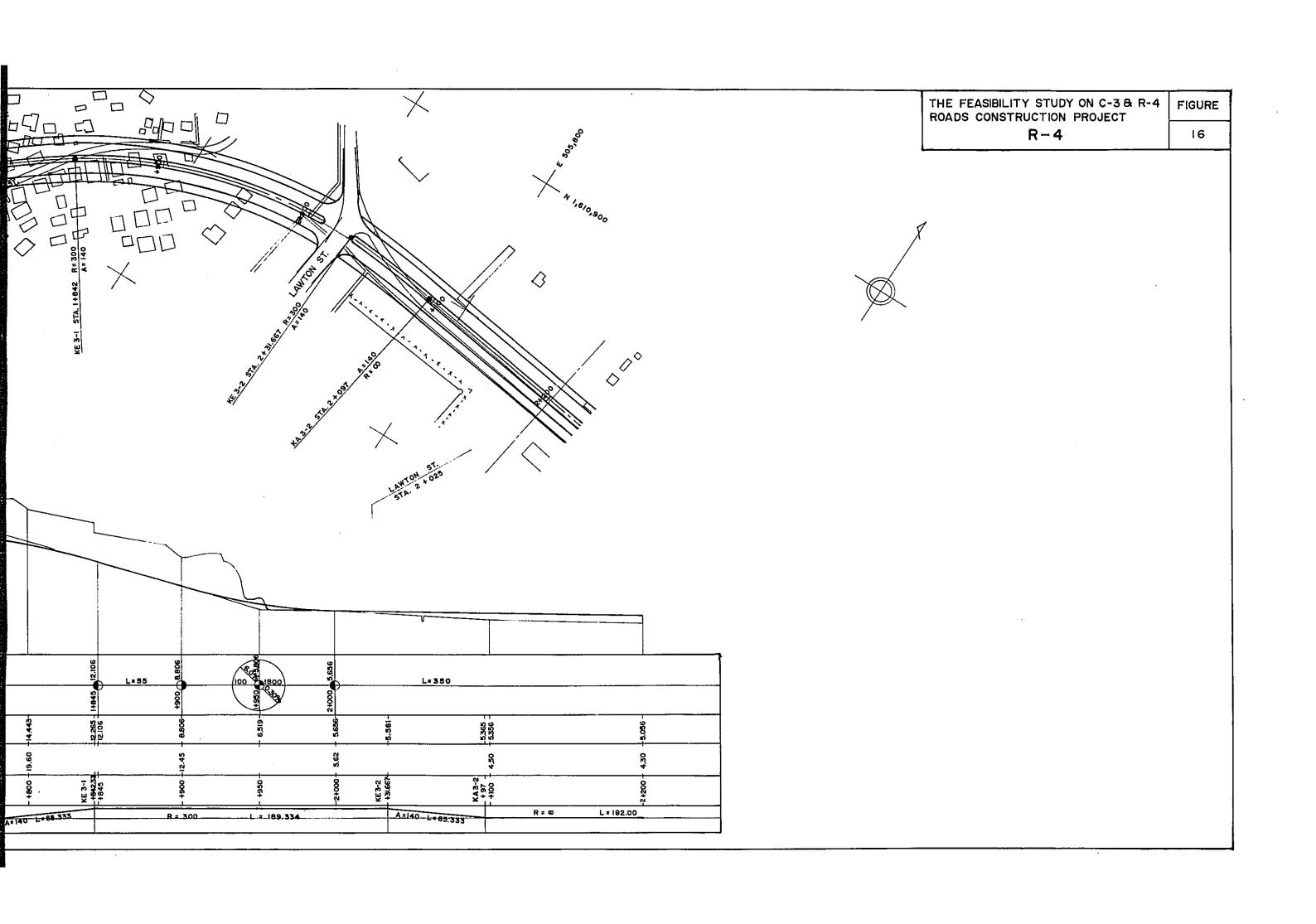


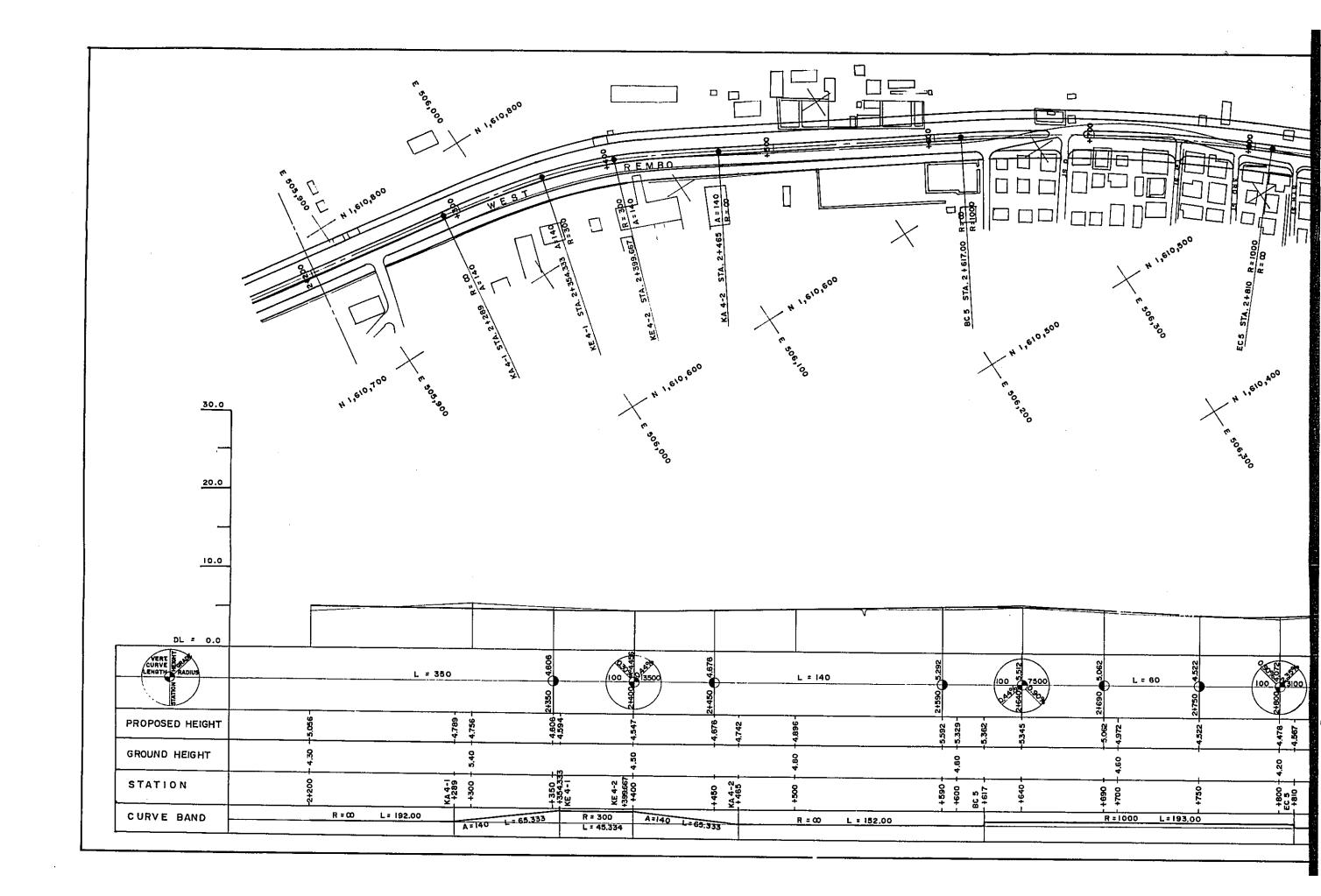


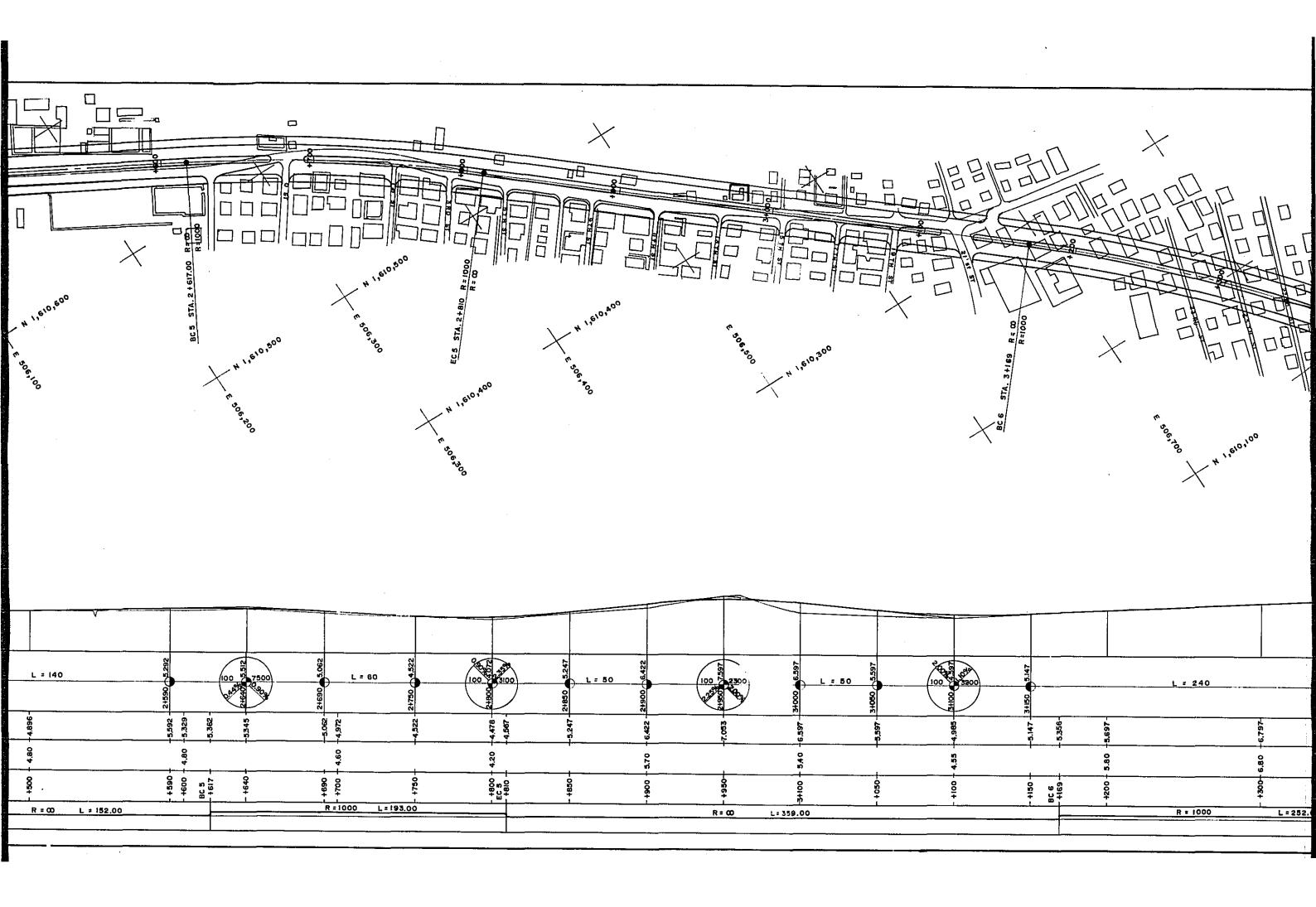
THE FEASIBILITY STUDY ON C-3 & R-4 FIGURE ROADS CONSTRUCTION PROJECT R-415 L = 1.000 R = 00 L = 816,00 L = 388,00

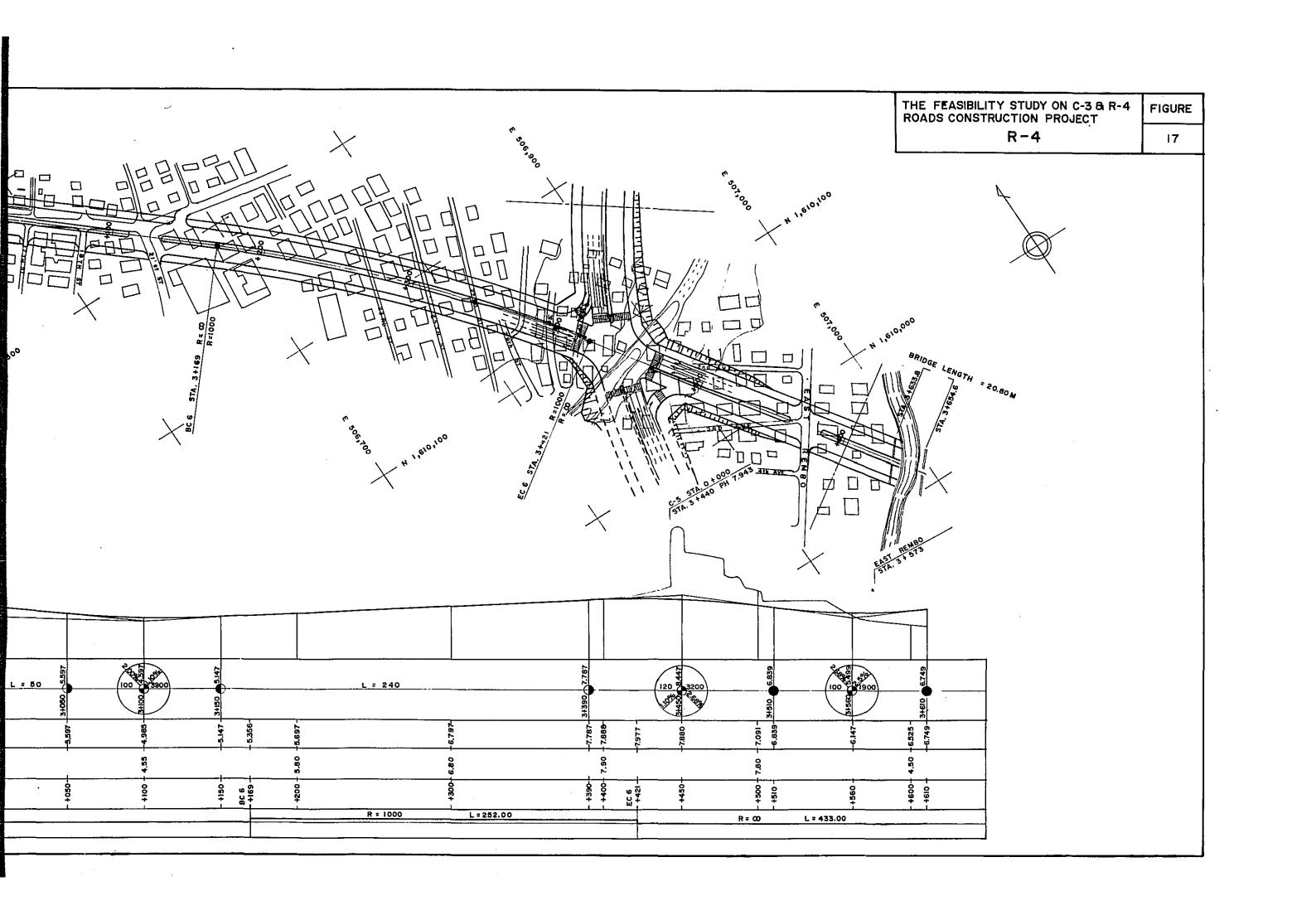


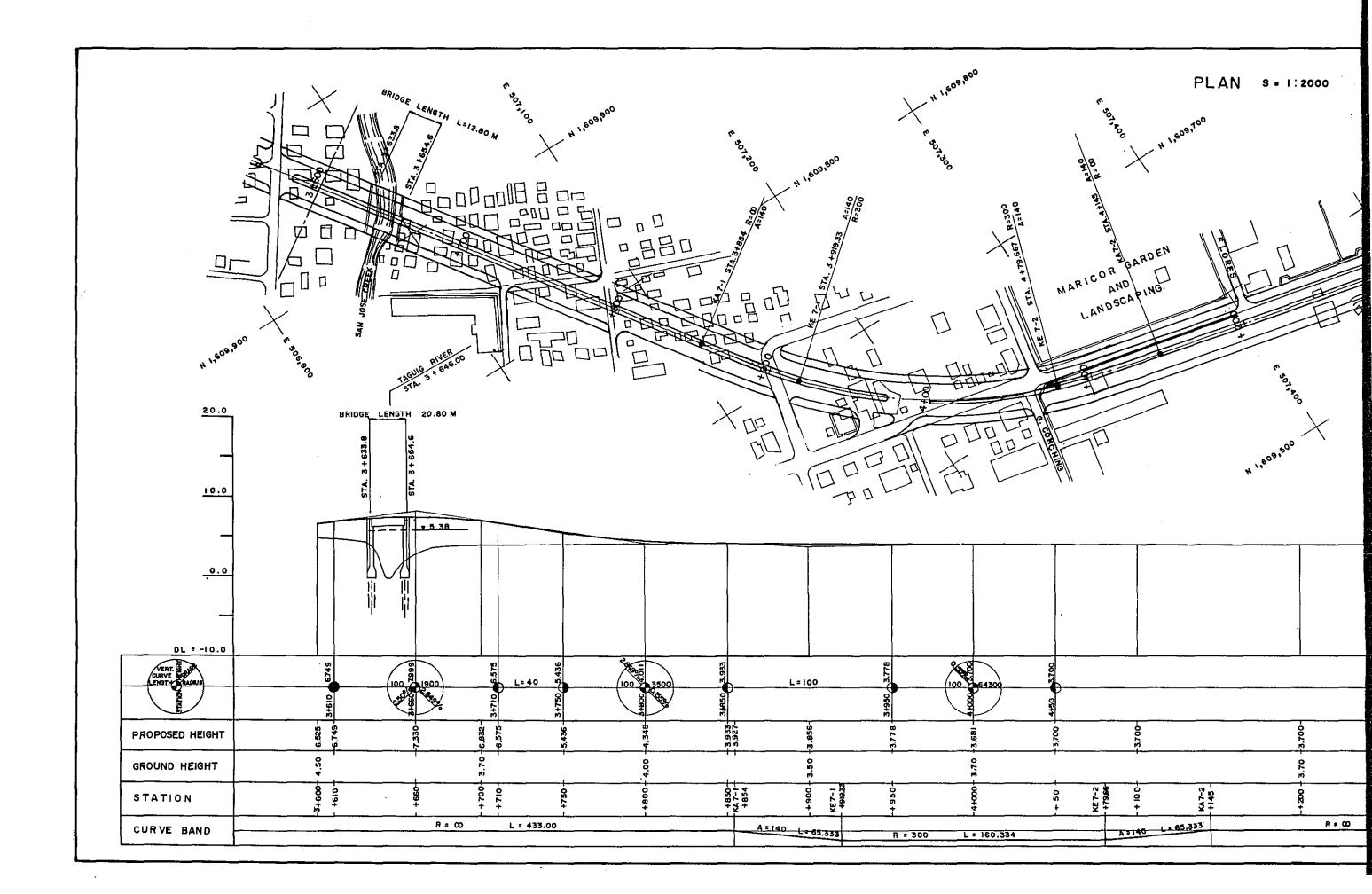


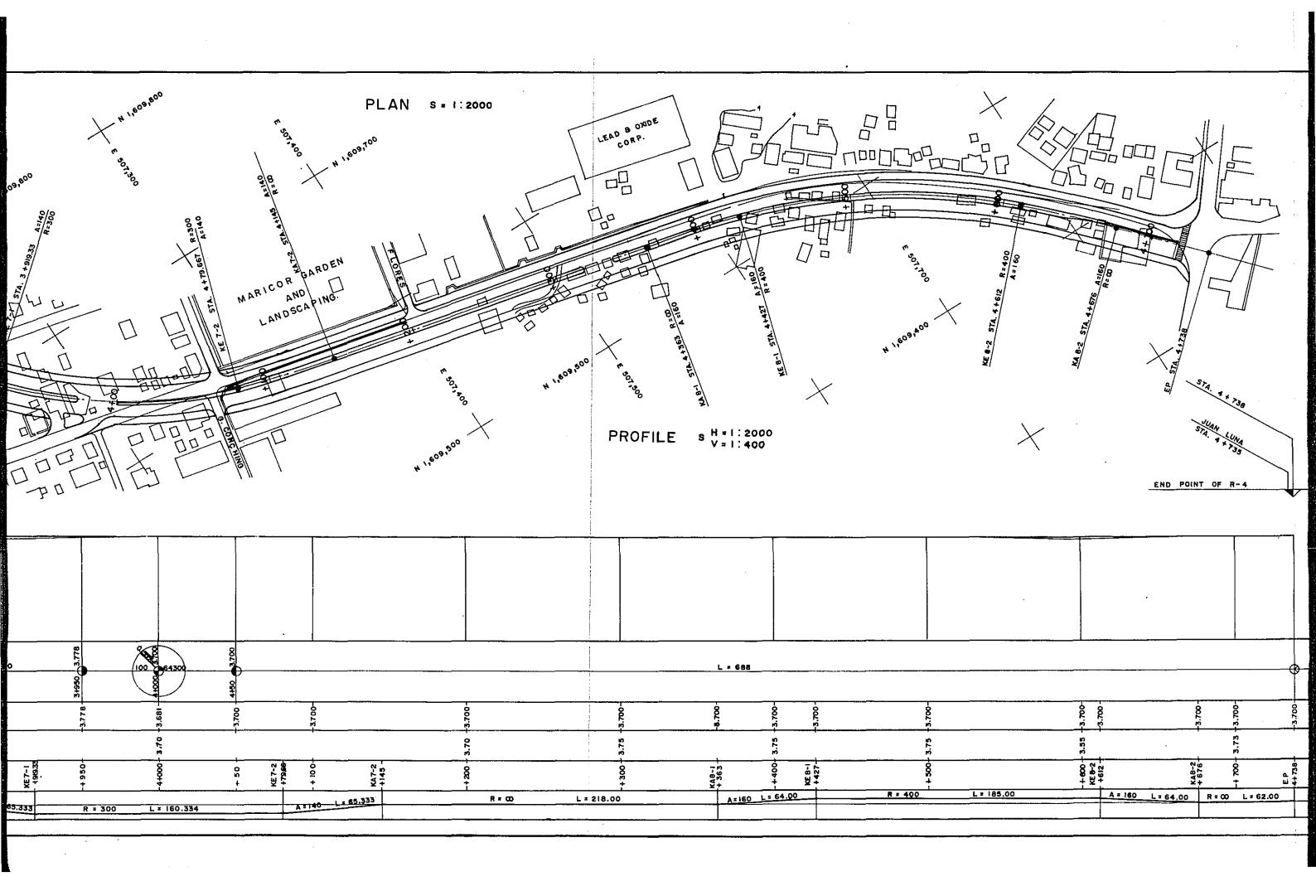


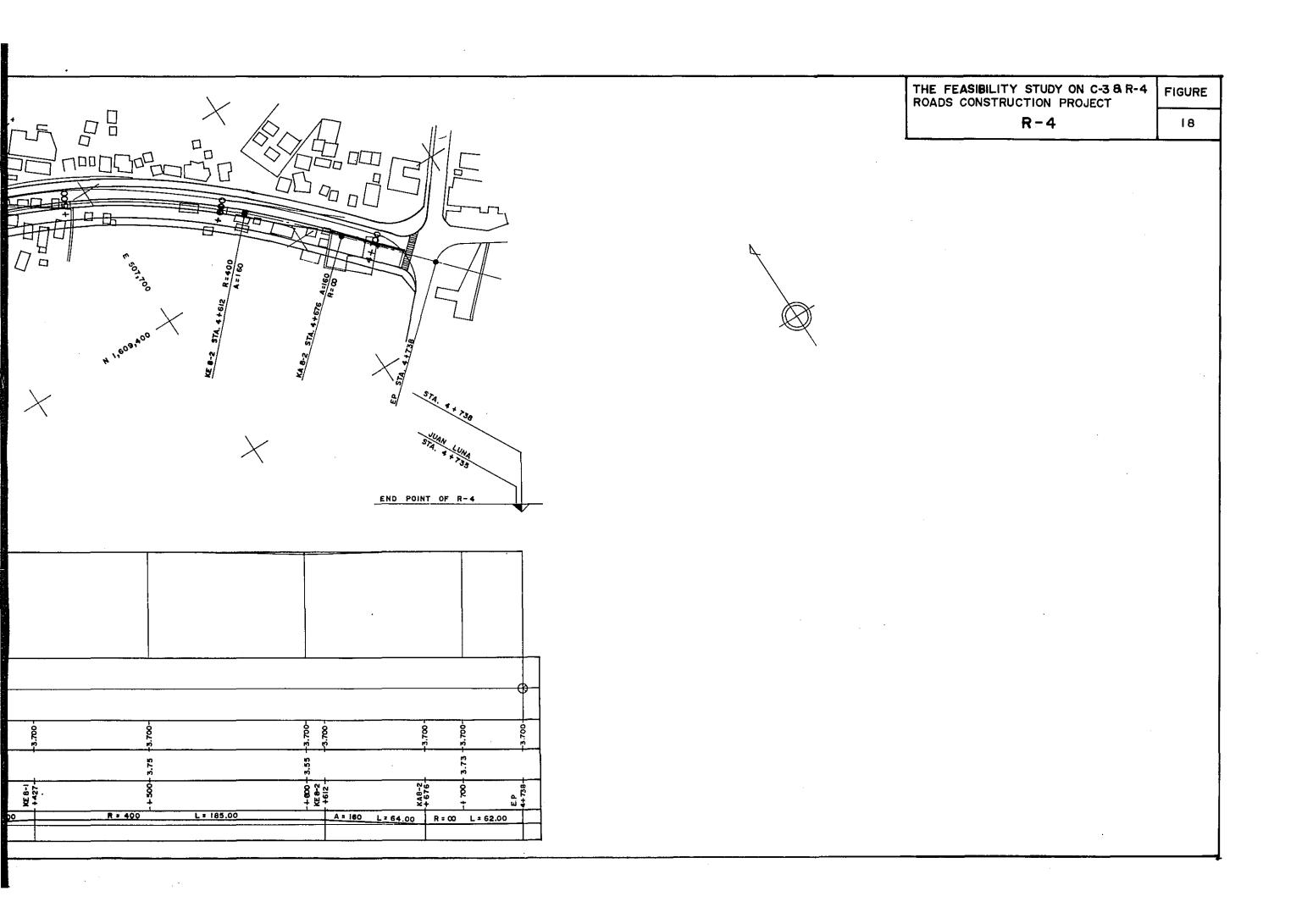


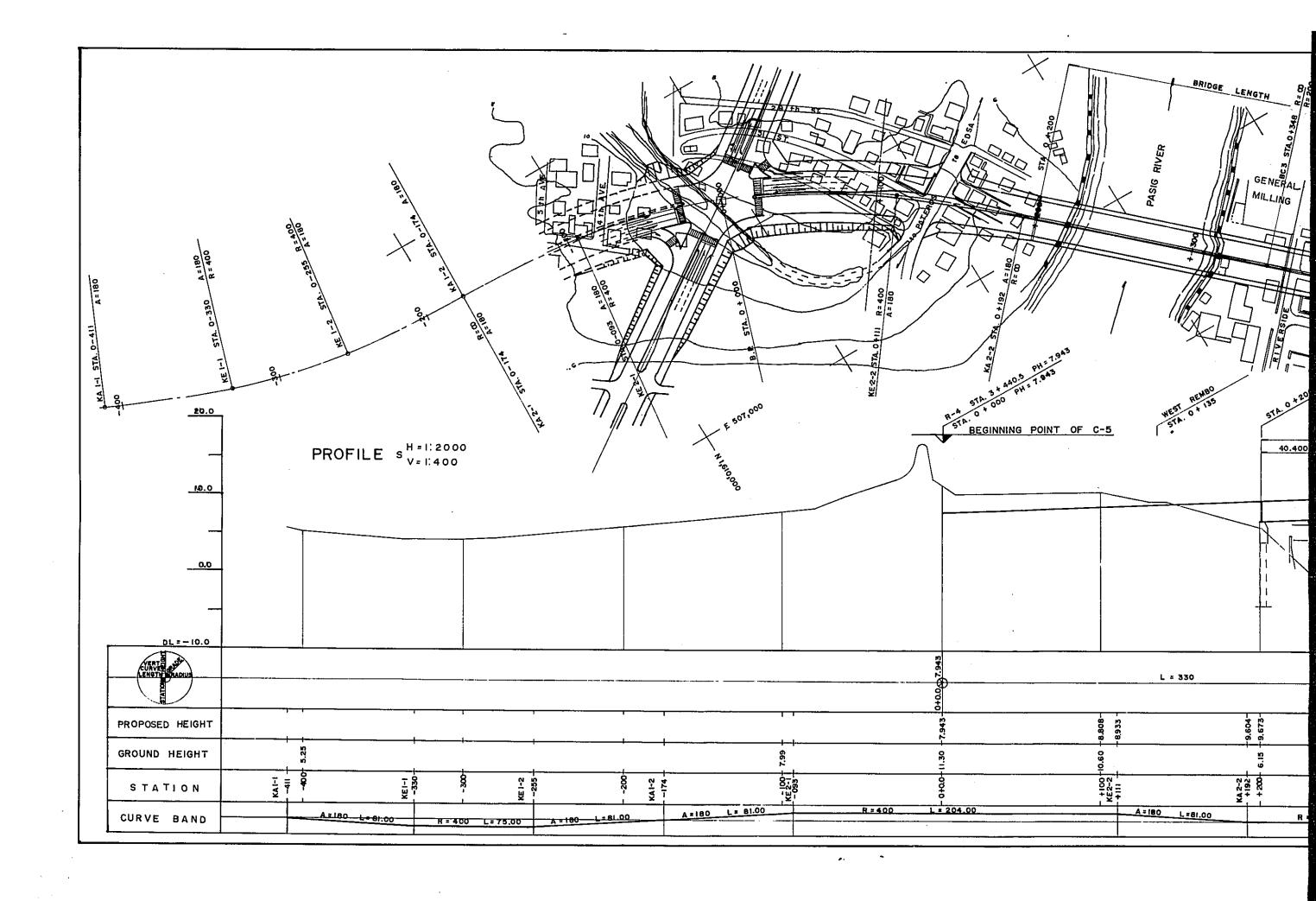


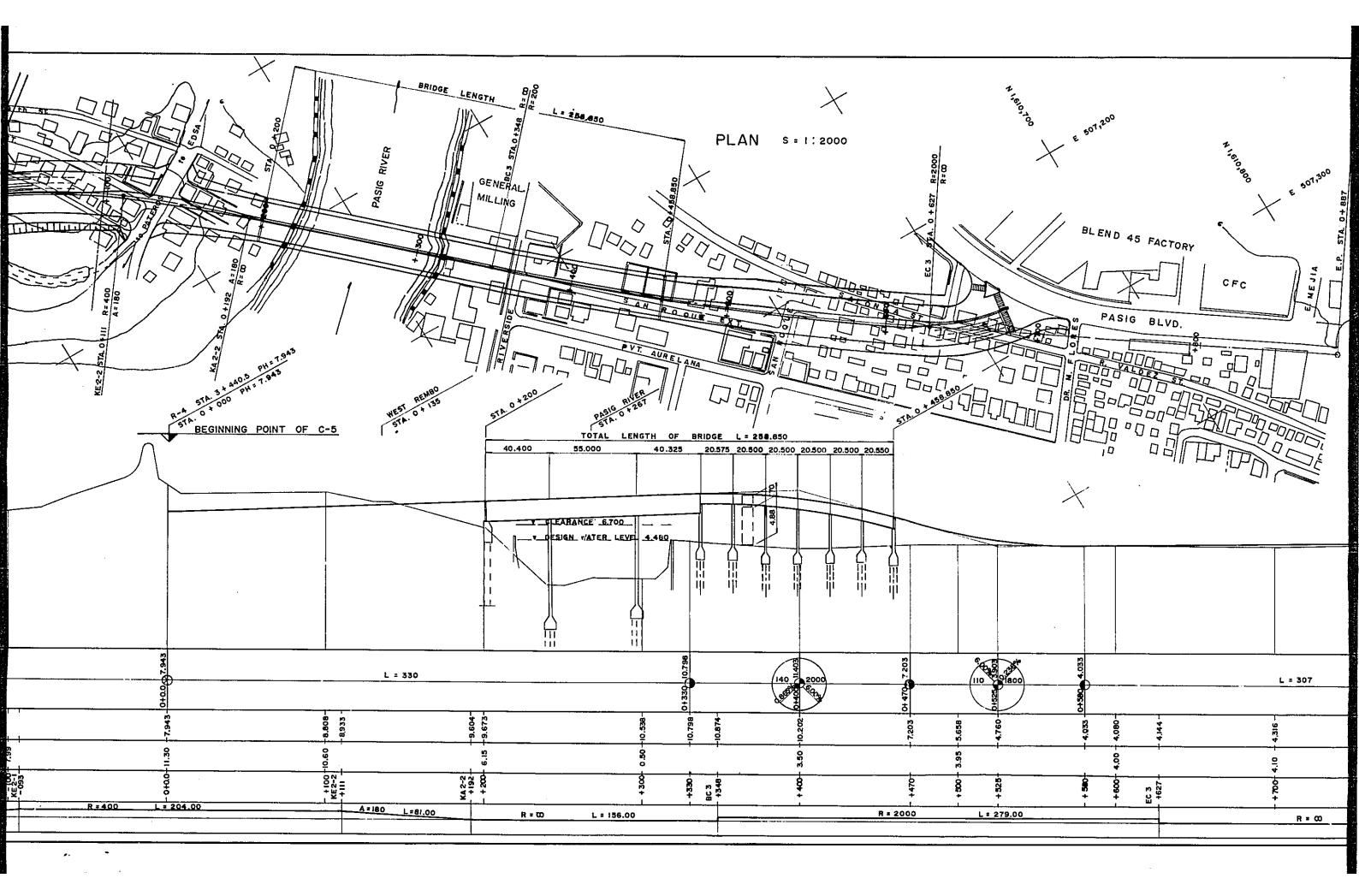


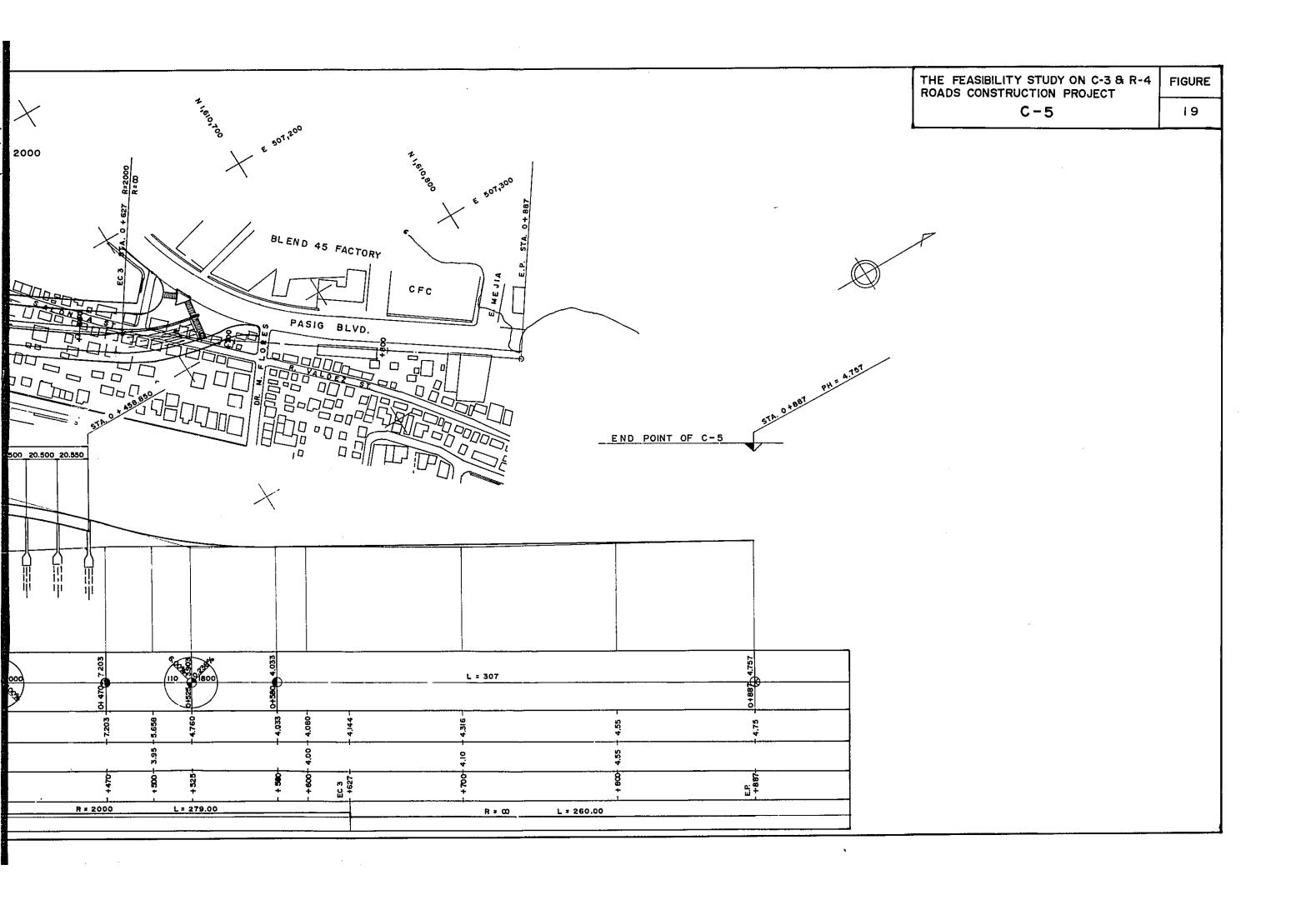


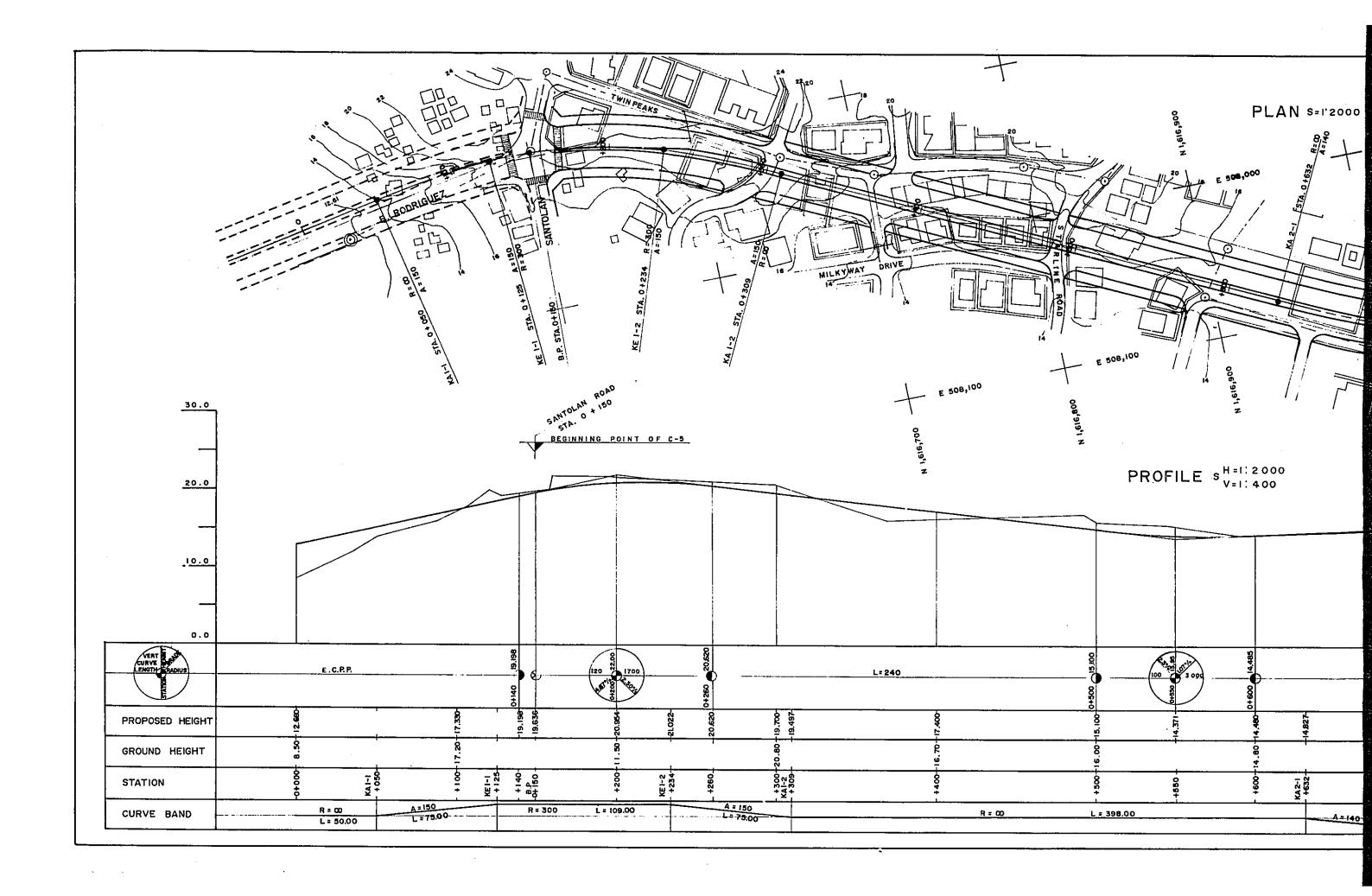


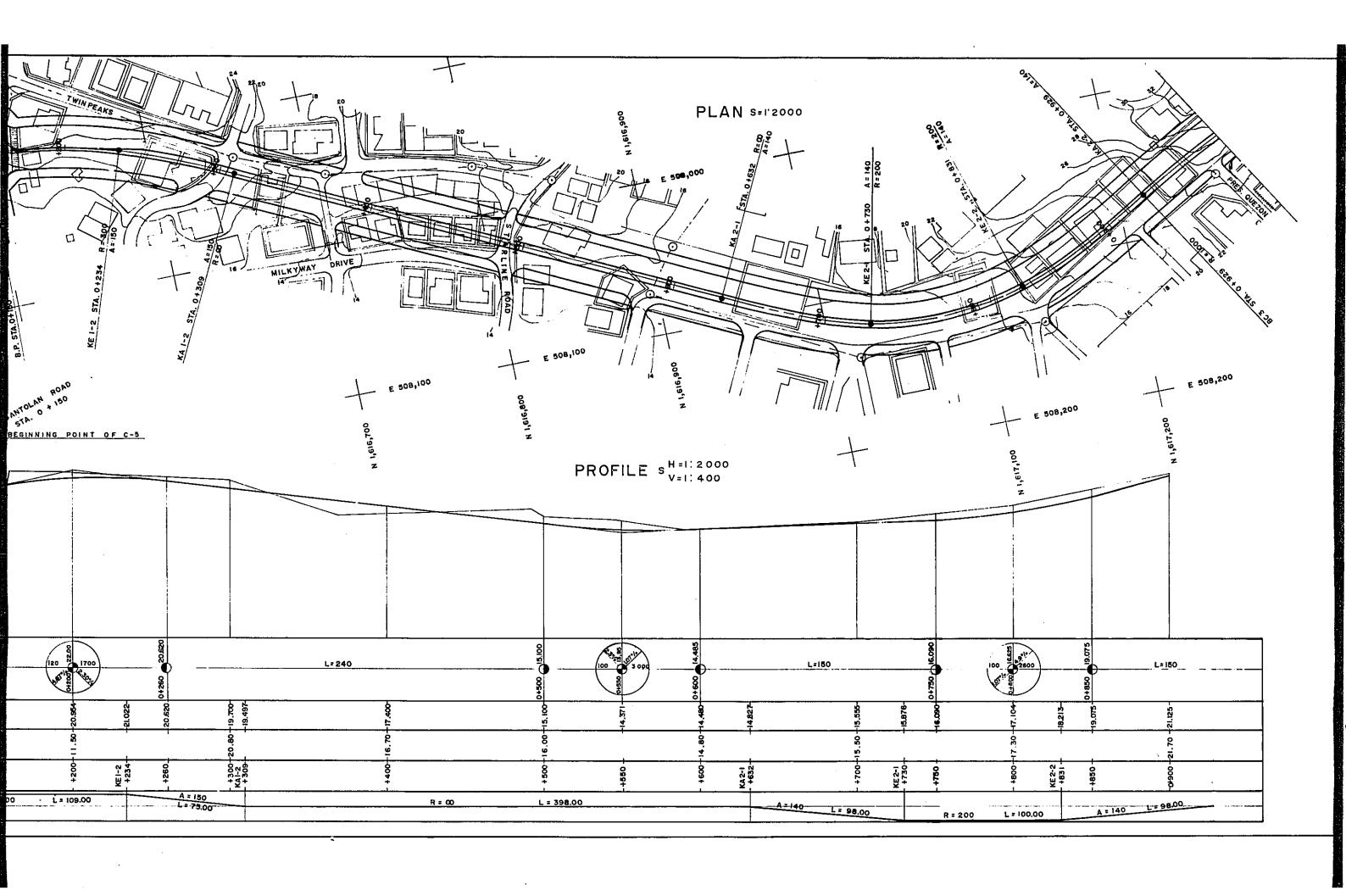


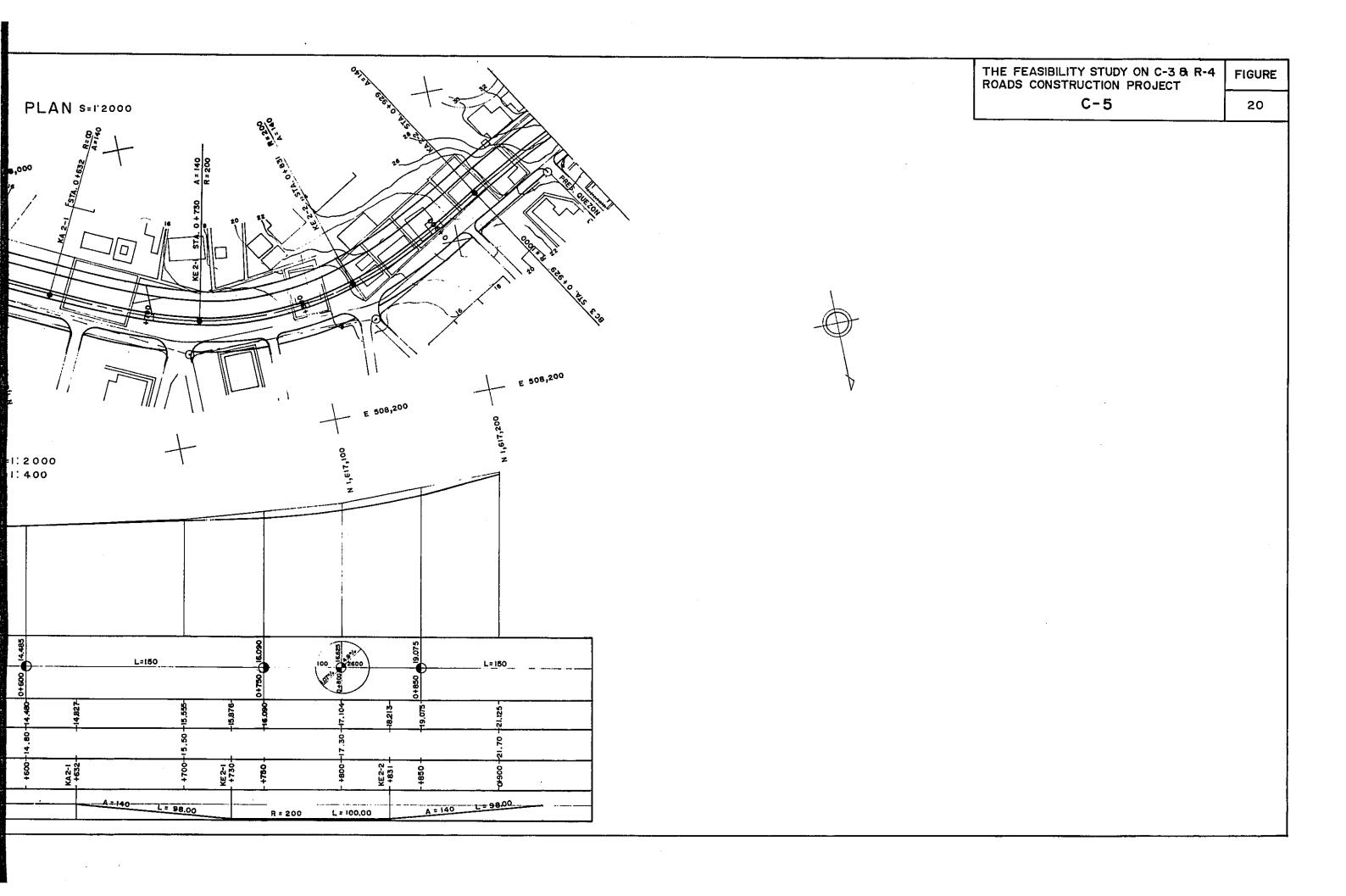


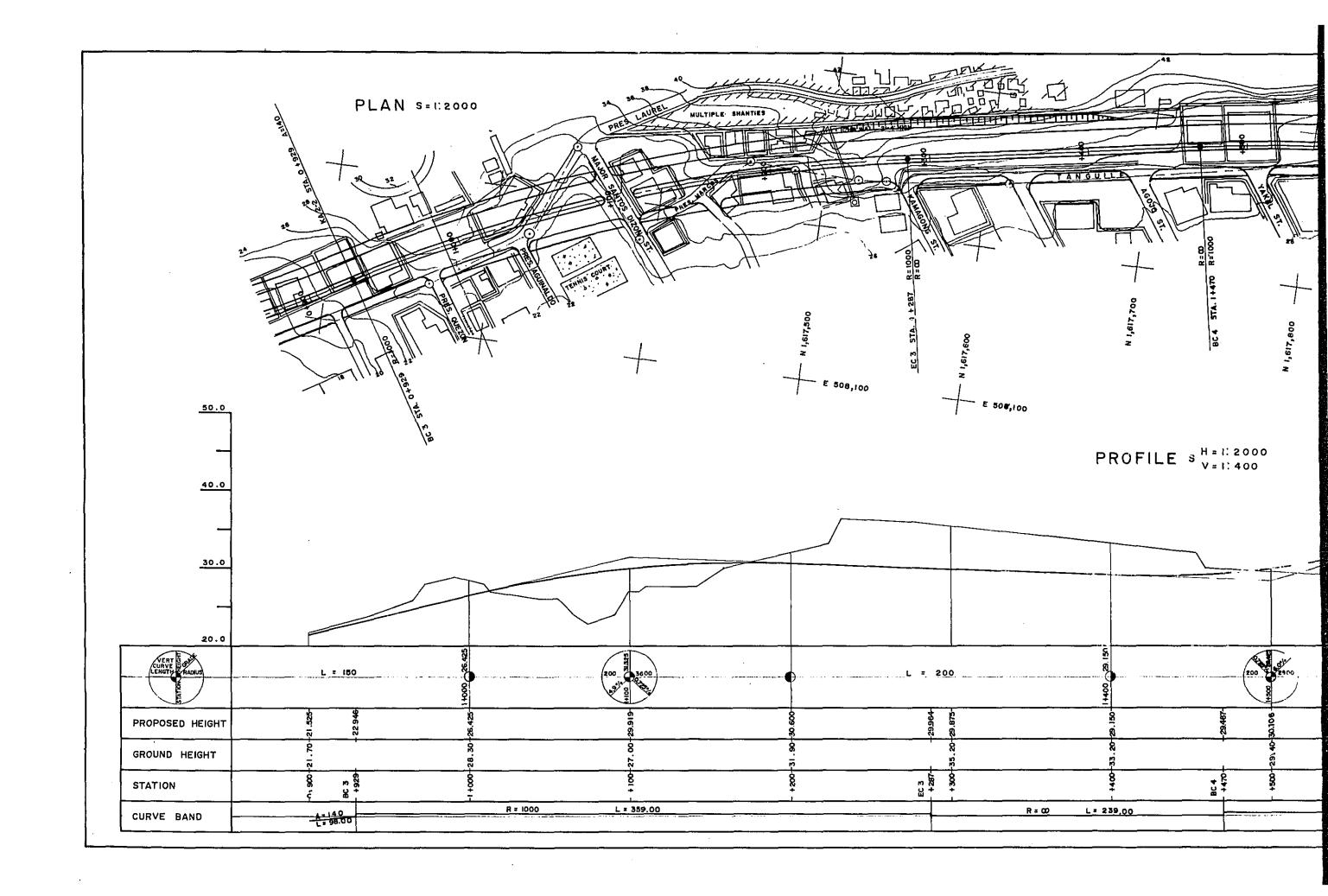


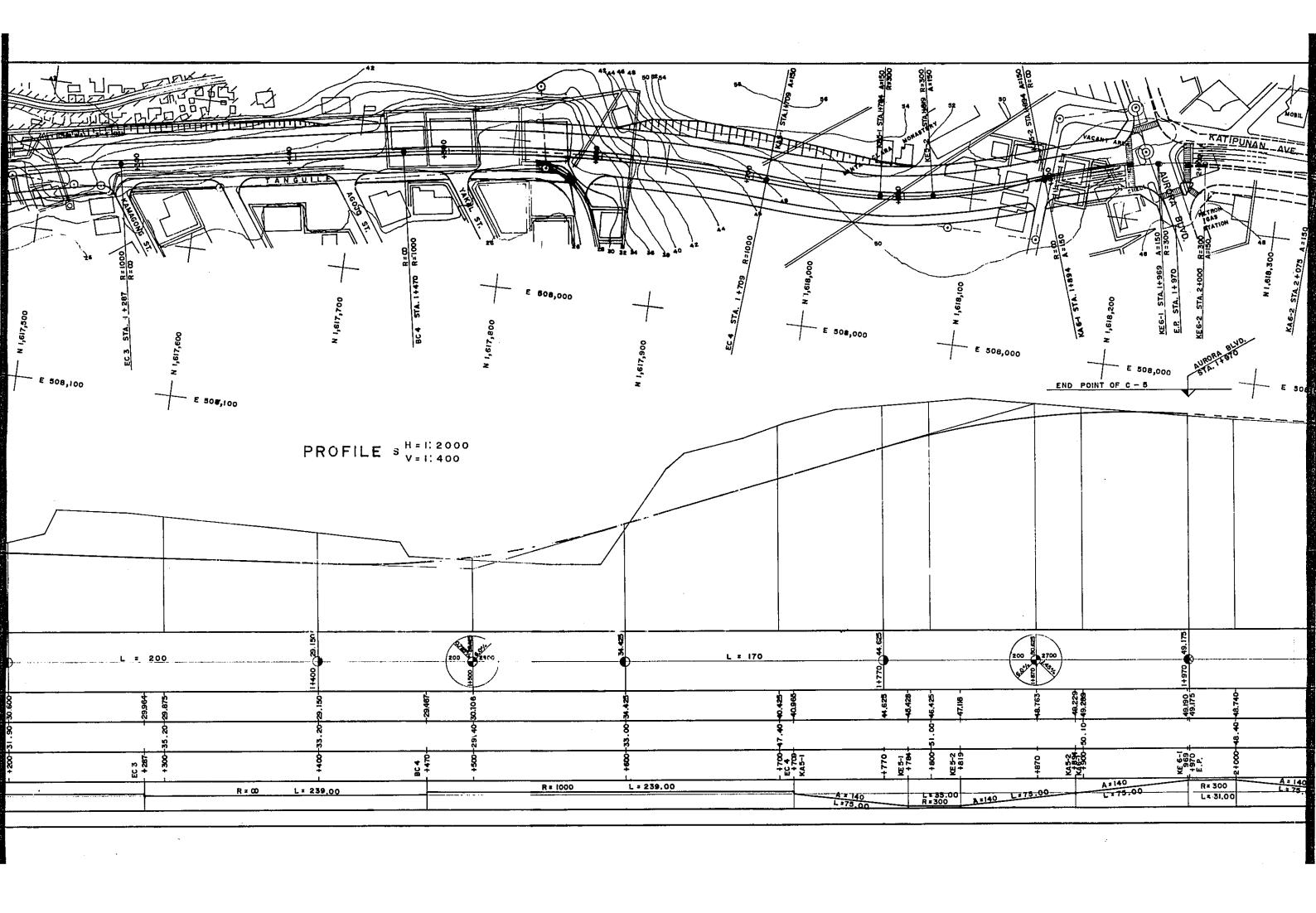


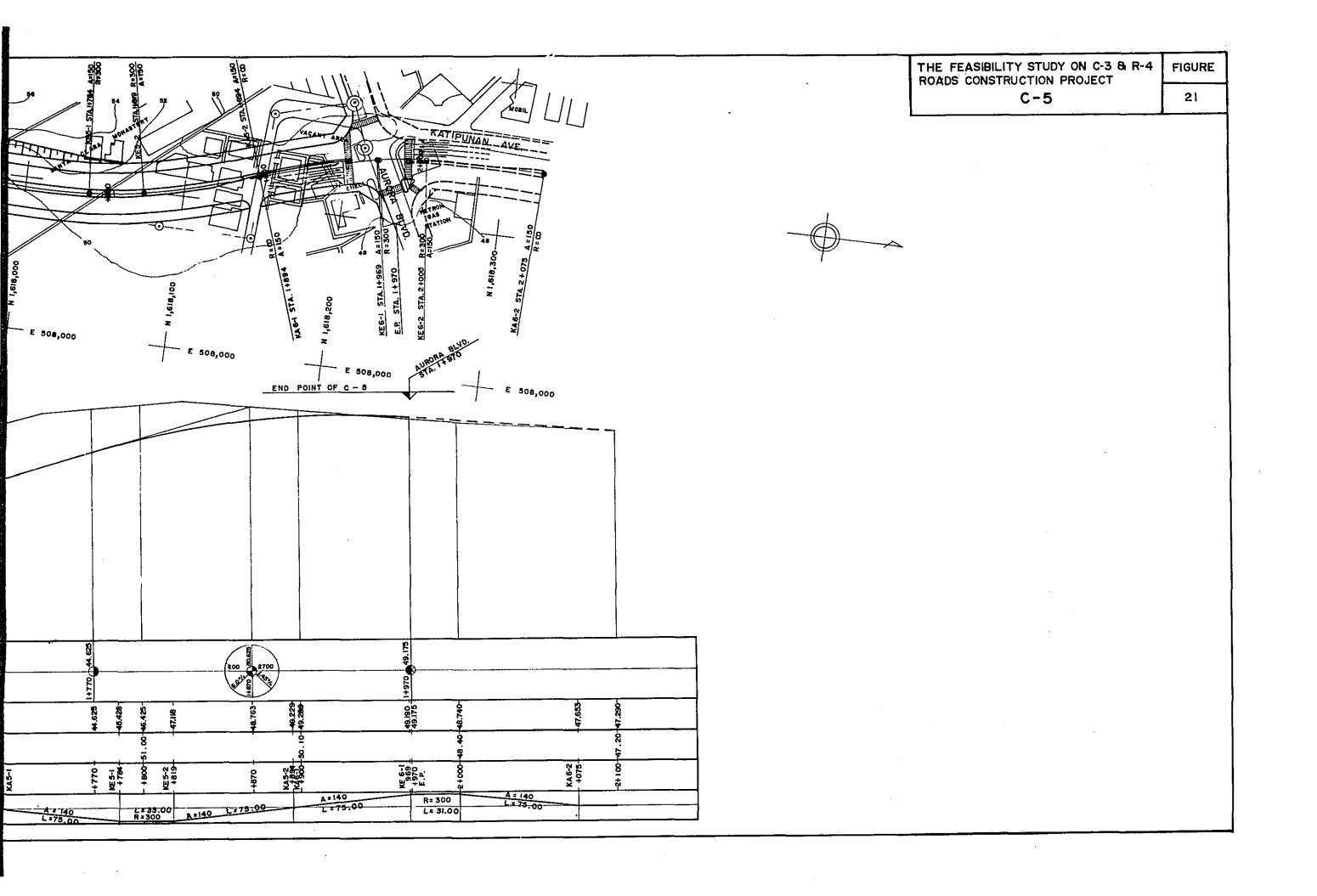






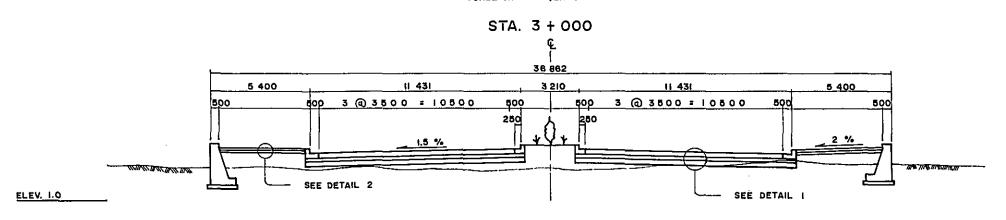


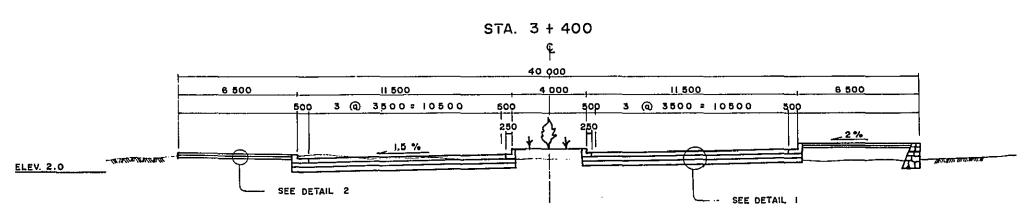


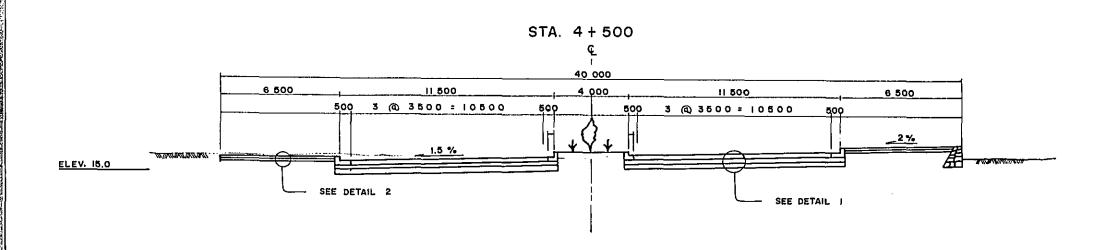


### TYPICAL CROSS SECTION OF C-3 SCALE (HOR. & VERT.) S = 1:200 STA. I + 500 40 000 6 500 11 500 3 @ 3500 = 10500 500 11 500 4 000 6 500 500 3 @ 3500 = 10500 DETAIL I ELEV, 4.0 SEE DETAIL 2 SEE DETAIL I STA. 2 + 200 40 000 11 500 3 @ 3 500 = 1 0 5 0 0 4 000 11 500 6 500 2000 500 1500 500 3 @ 3 5 0 0 = 1 0 5 0 0 0.23 M. PORTLAND CEMENT CONCRETE PAVEMENT 250 250 0.20M. AGGREGATE BASE COURSE (GRAVEL, CRUSHED GRAVEL OR CRUSHED STONE THE MANAGEMENT OF BASE COURSE, GRADING "B") ELEV. 2.0 - 0.20M. AGGREGATE SUB-BASE SEE DETAIL 2 - SEE DETAIL I DETAIL 2 STA. 2+700 48 Ò00 25 500 9 750 4 000 5 500 2 500 2 500 11250 1 000 11250 5 500 4 000 <u> 500 3 @ 3500 = 10500</u> 3 @ 3500 = 10500 500,250 0.10 M. CONCRETE SIDEWALK O.IO M. AGGREGATE SUB-BASE - SEE DETAIL 2 SEE DETAIL 1 NAME OF THE OWNER, WHITE ELEV. 2.0 SEE DETAIL 2-THE FEASIBILITY STUDY ON C-3 & R-4 - SEE DETAIL I FIGURE ROADS CONSTRUCTION PROJECT 22 TYPICAL CROSS SECTION

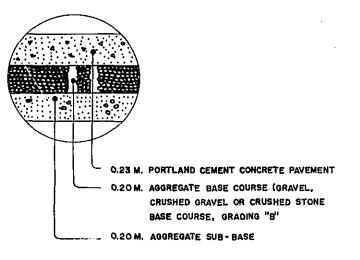
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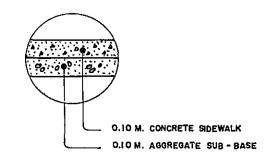




### DETAIL I



### DETAIL 2



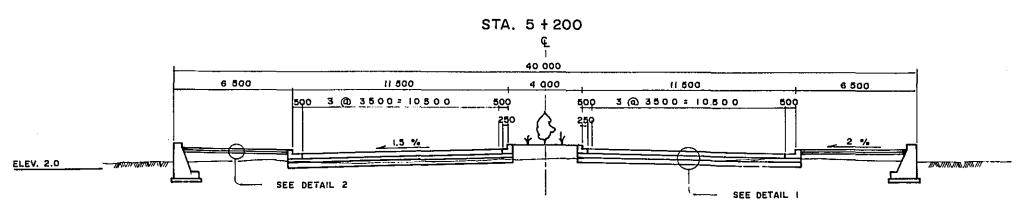
THE FEASIBILITY STUDY ON C-3 & R-4 ROADS CONSTRUCTION PROJECT

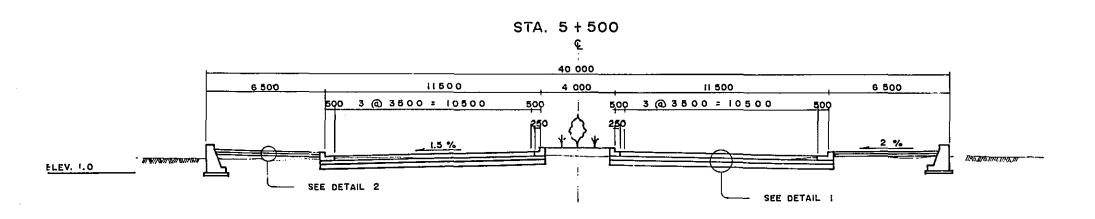
TYPICAL CROSS SECTION

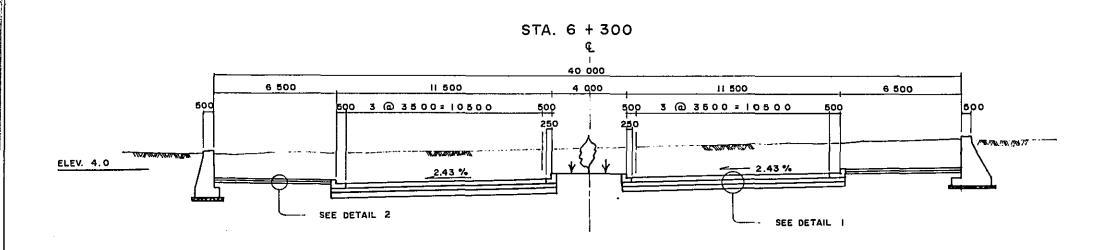
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FIGURE

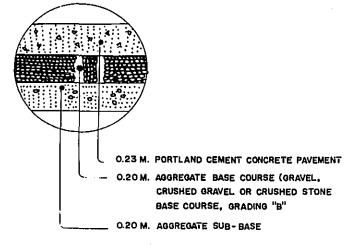
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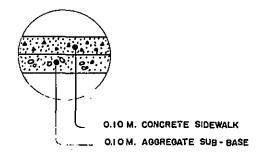




# DETAIL I



### DETAIL 2

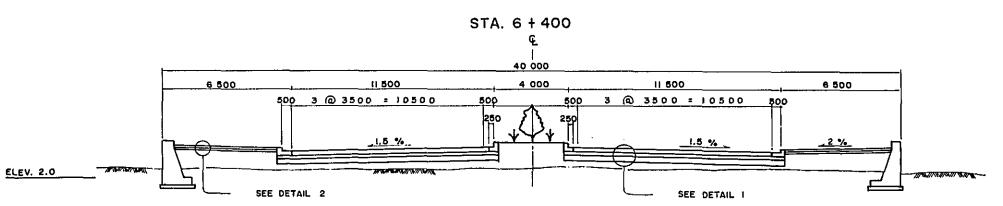


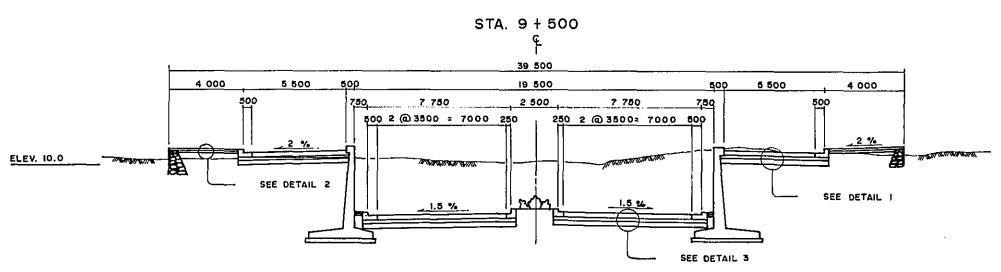
THE FEASIBILITY STUDY ON C-3 & R-4
ROADS CONSTRUCTION PROJECT
TYPICAL CROSS SECTION

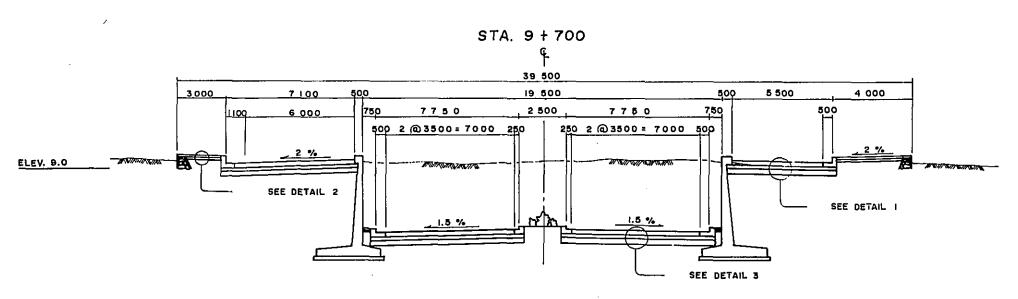
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**FIGURE** 

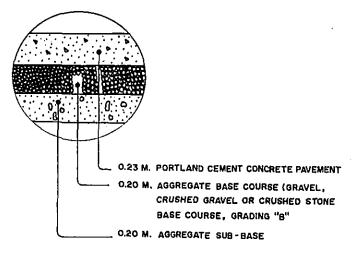
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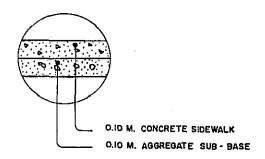




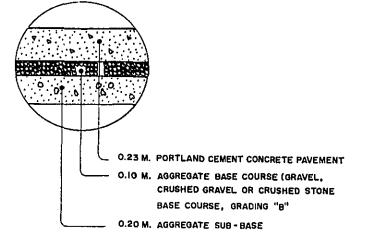




DETAIL 2



DETAIL 3

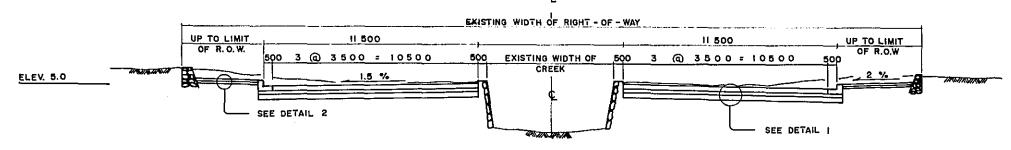


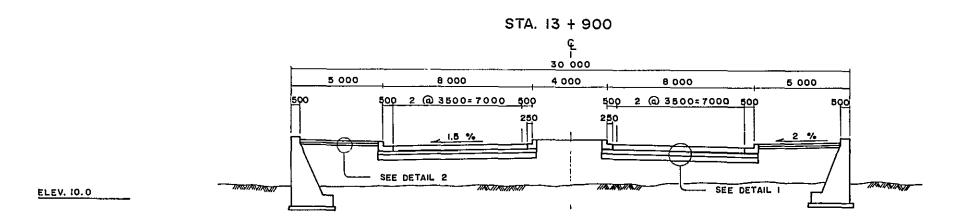
THE FEASIBILITY STUDY ON C-3 & R-4 | FIGURE ROADS CONSTRUCTION PROJECT TYPICAL CROSS SECTION

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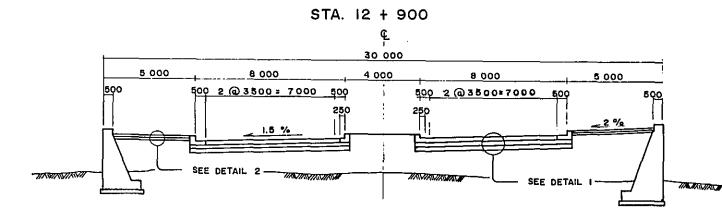
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STA. 10 + 700



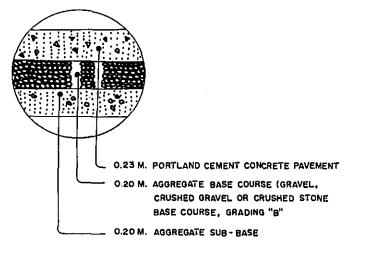


### CROSS SECTION OF RELATED ROAD OF C-3

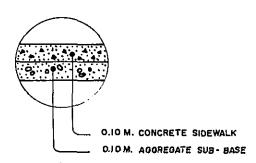


ELEV. 14.0

### DETAIL I

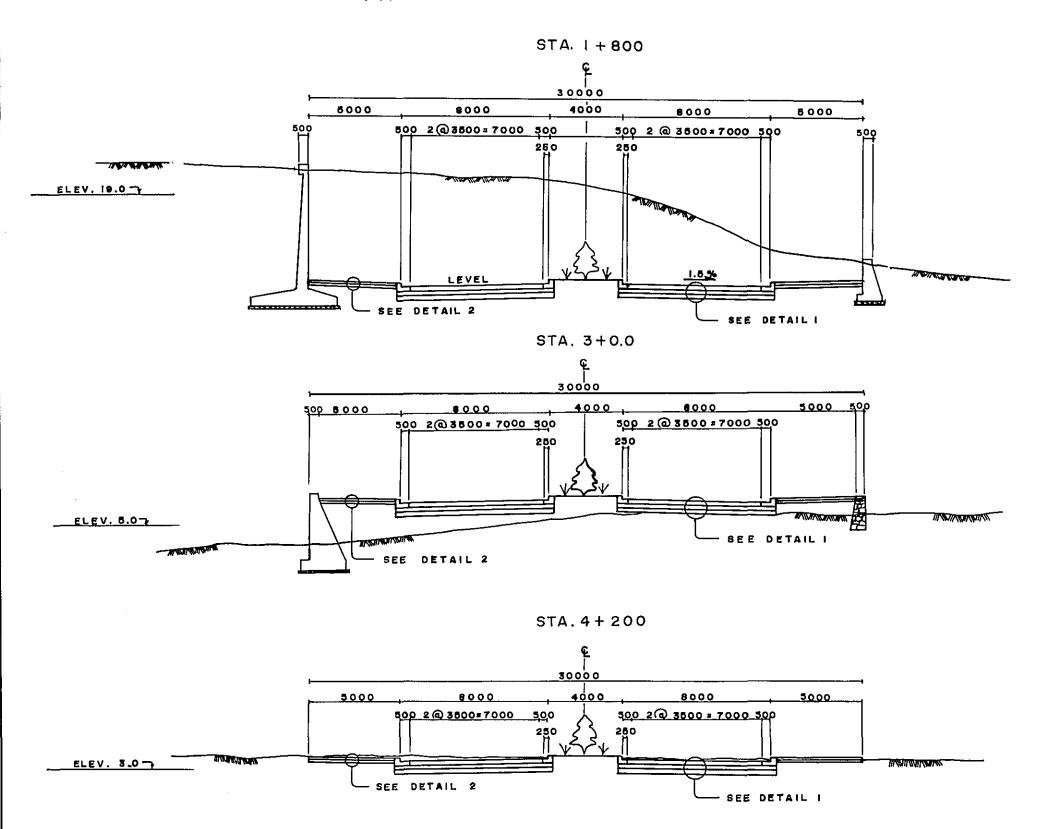


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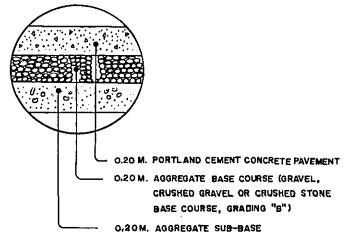


THE FEASIBILITY STUDY ON C-3 & R-4
ROADS CONSTRUCTION PROJECT
TYPICAL CROSS SECTION

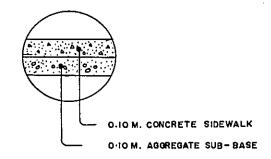
FIGURE 26



DETAIL I

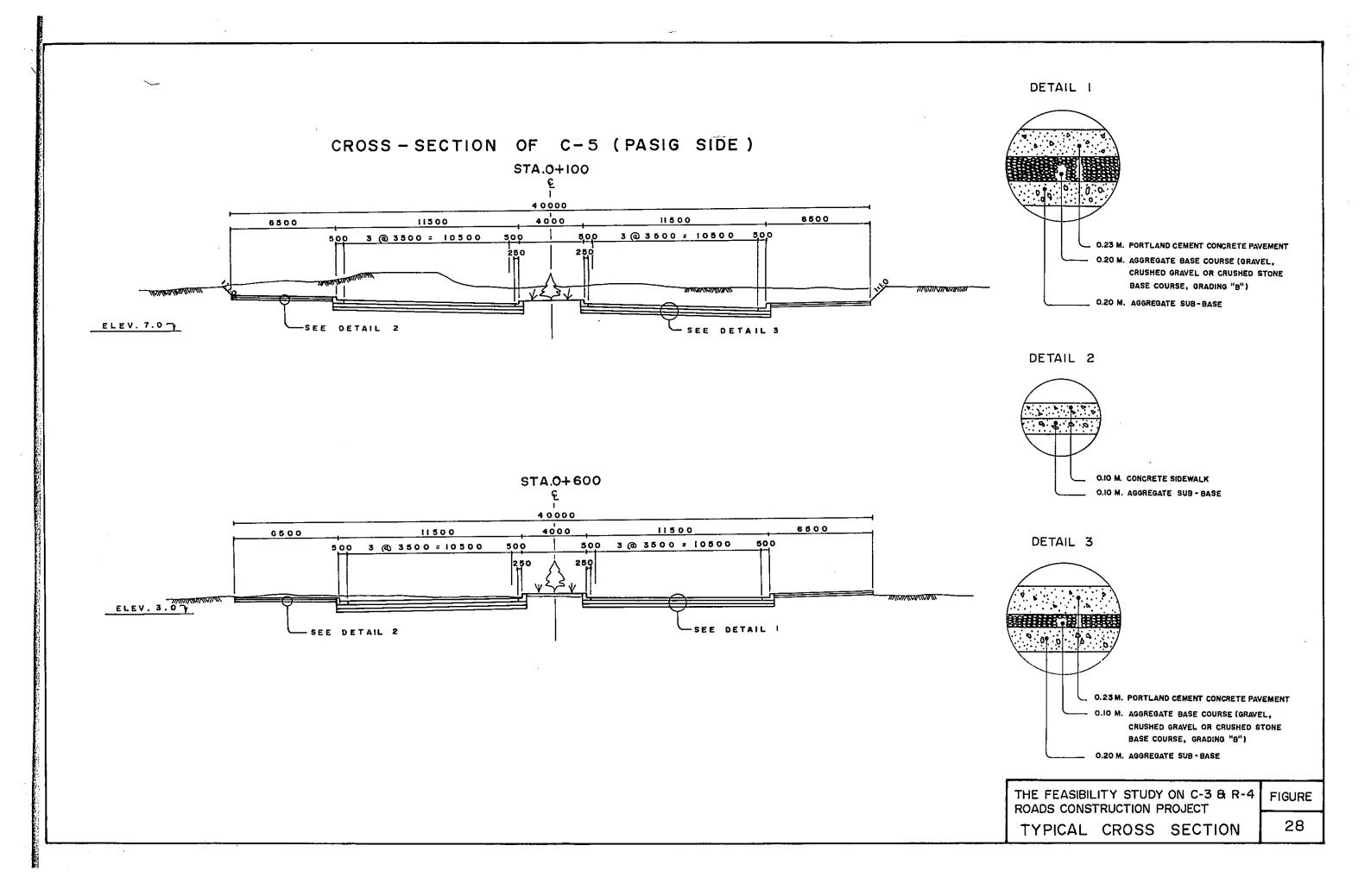


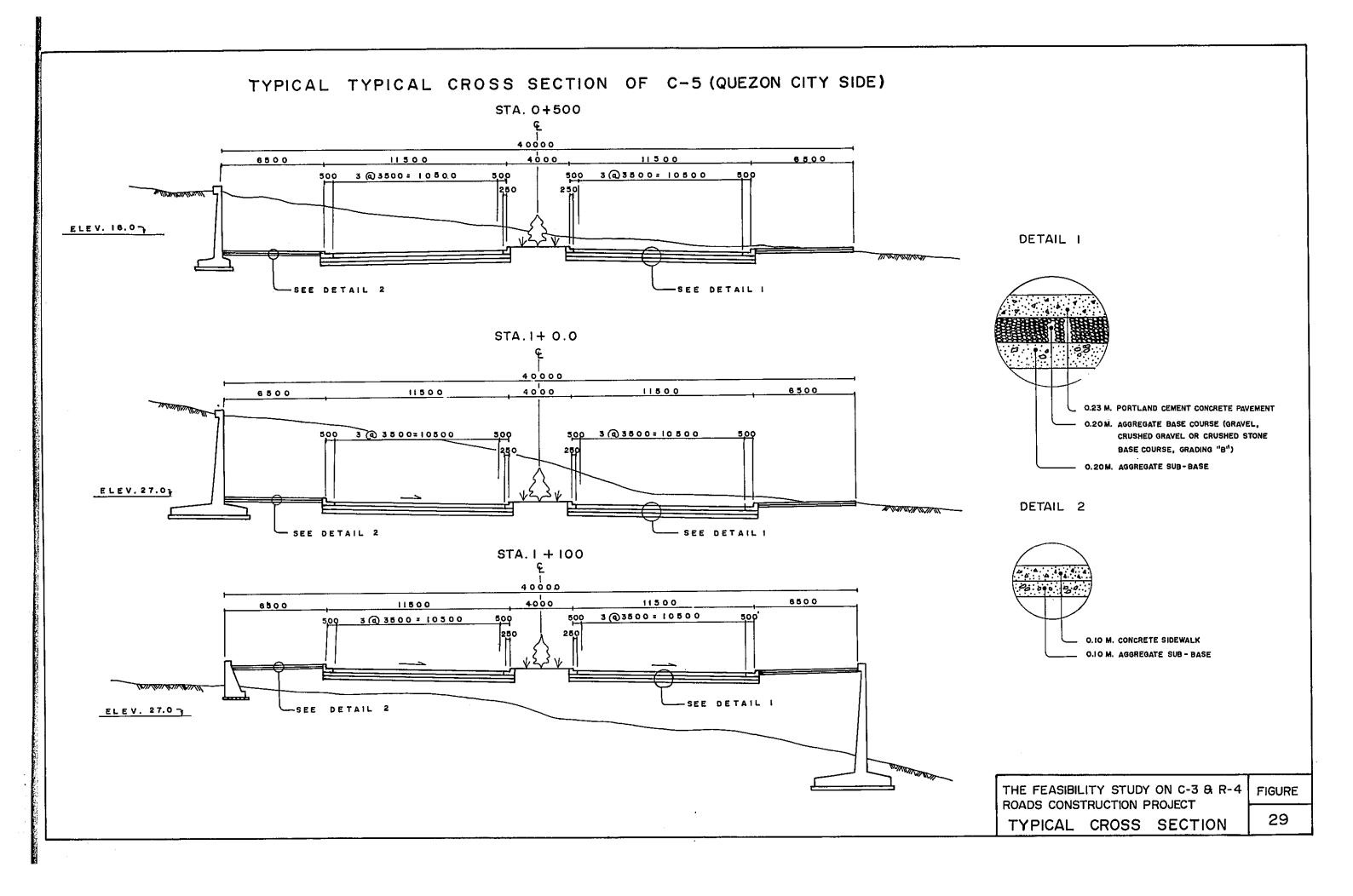
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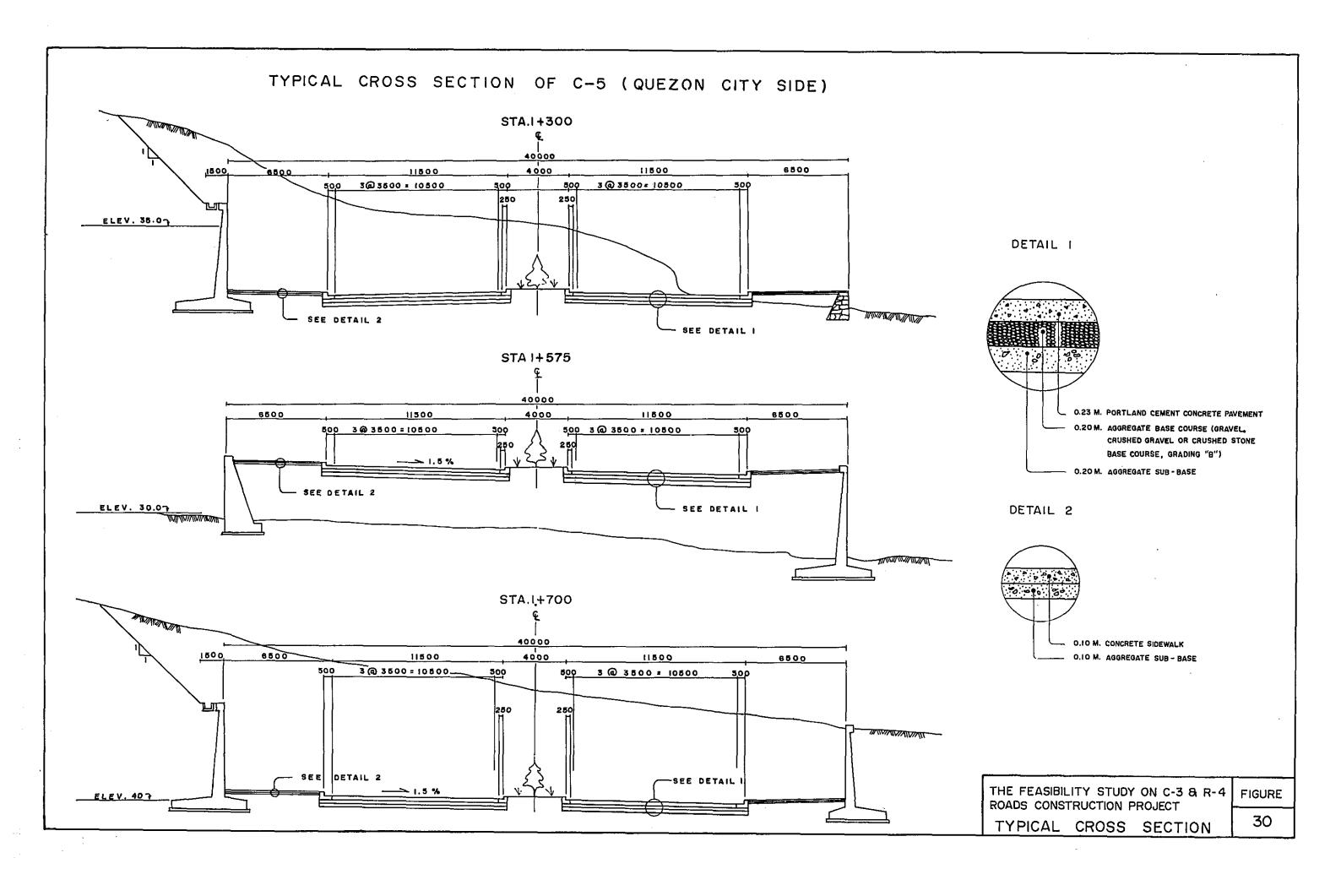


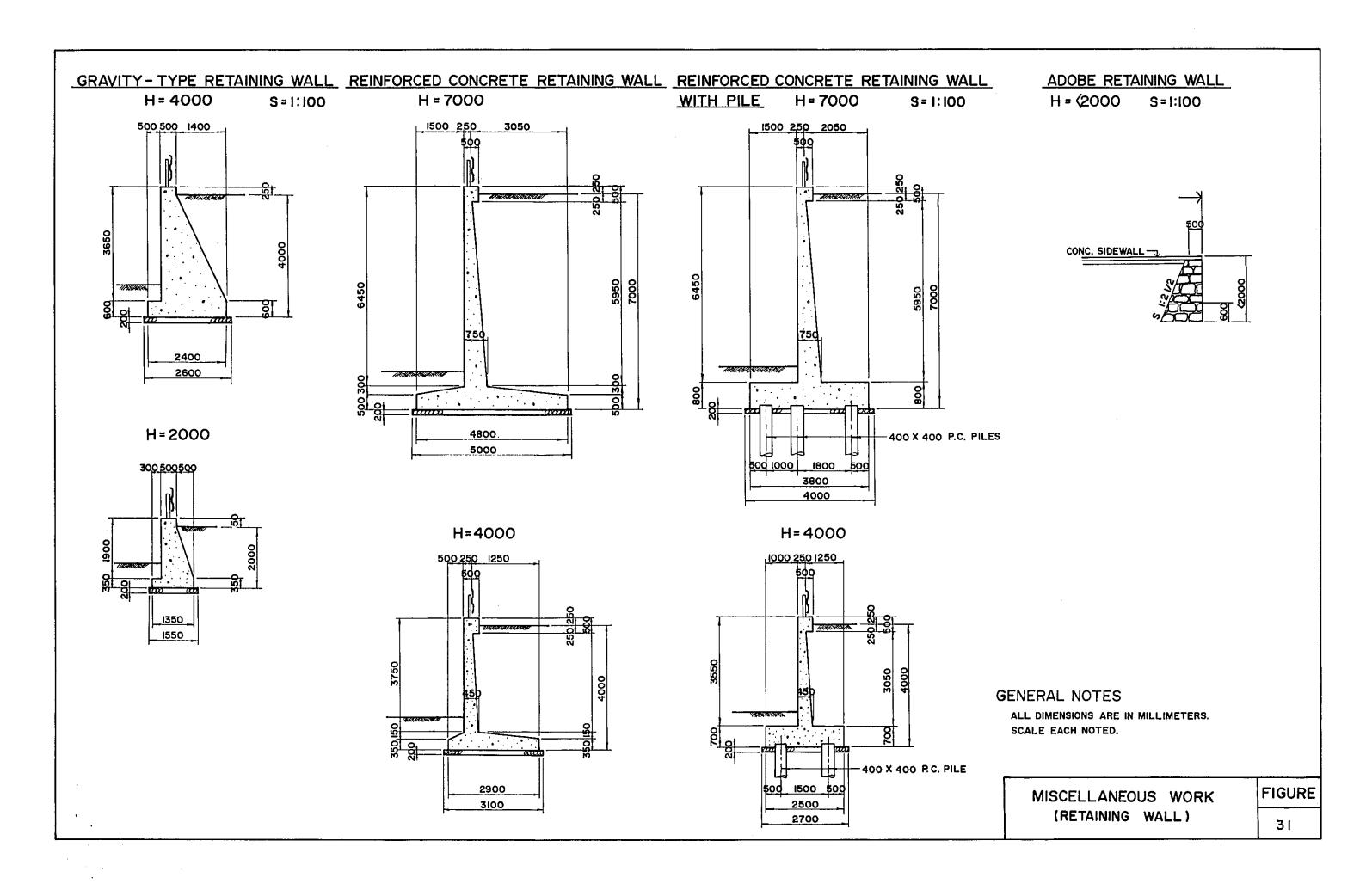
THE FEASIBILITY STUDY ON C-3 & R-4 FIGURE ROADS CONSTRUCTION PROJECT TYPICAL CROSS SECTION

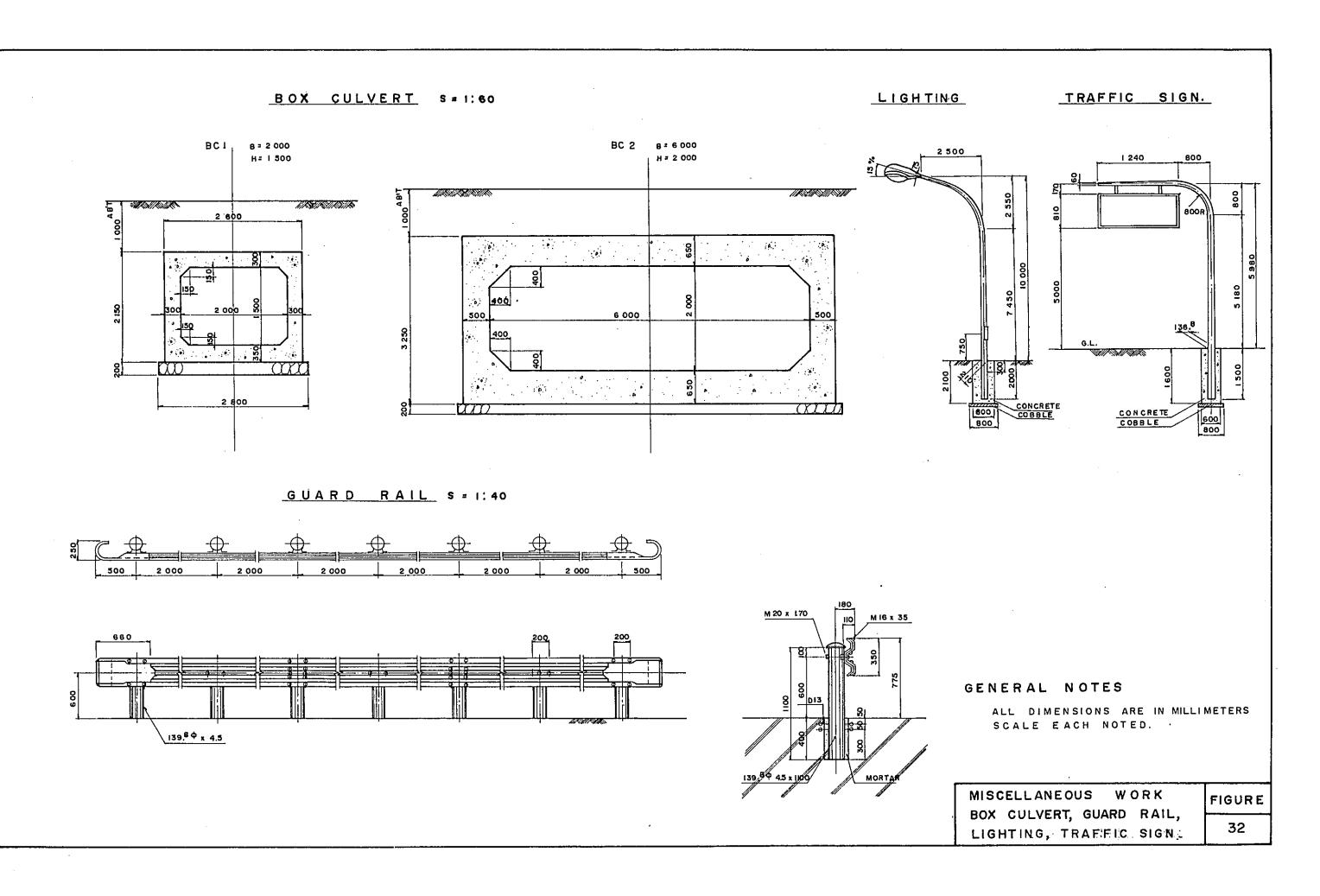
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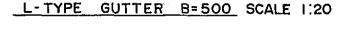


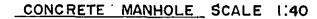




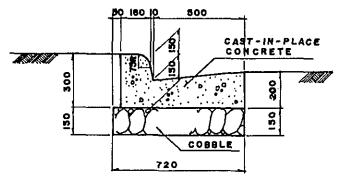








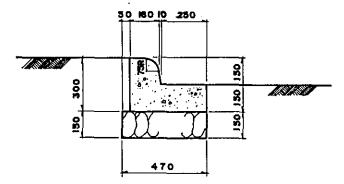
DRAIN PIPE SCALE 1:20



150 | 1200 (1800) | 150 | 150 | 150 | 150 | 1500 (2100) | 1700 (2300)

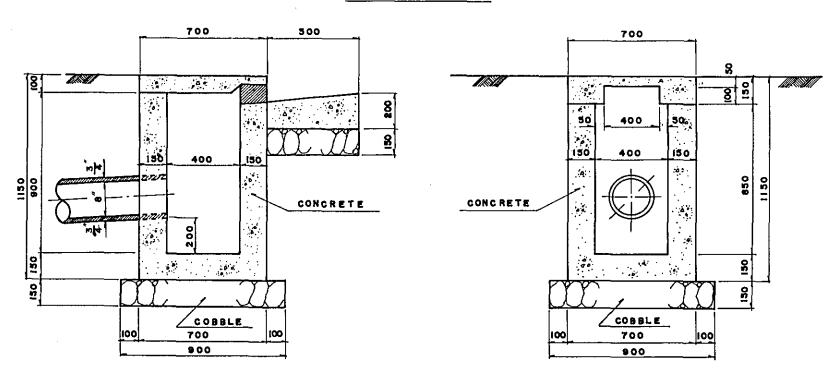
COBBLE b2 B

## CONCRETE CURB B= 250



Н hι h2 hs i in 260 nd Homm 80<sup>mm</sup> | 50<sup>mm</sup> 560<sup>mm</sup> 360<sup>mm</sup> | 00<sup>mm</sup> 2/2 298 148 150 760 540 110 110 360 210 160 150 950 730 110 435 285 210 150 1300 1070 115 48 5 505 355 260 150 1600 1410 120

CATCH BASIN SCALE 1:20



MISCELLANEOUS WORK

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**FIGURE** 

