

**CERTAIN MANHOLES ARE REQUIRED BY THESE PLANS TO BE CONSTRUCTED PER S-1 QUOTE IN ALL SUCH CASES THE PRE-CAST CONCRETE MANHOLES MANUFACTURED BY PRE-CON PRODUCTS LTD. AS APPROVED BY THE SANITATION DIVISION ON APRIL 9, 1978 MAY BE SUBSTITUTED.**

**THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT**

Legend	Minimum Public Safety Requirements
Brick Manhole	S-2
Non-Reinforced Precast Concrete Manhole	S-3
Reinforced Precast Concrete Manhole	S-4
Manhole Frame and Cover	S-5
Standard Manhole Step	S-17
Bedding for Sewer pipe	S-21
Creding and encasement	S-23
Wye or Tee Support	S-24
Allowable trench widths	S-33
Anchor Block	S-24
Rectangular Manhole Board Detail	S-31
Rectangular Shallow Manhole	S-27
Manhole Frames & Covers	S-7
	S-16

REVISION 3-24-70 CHANGED ALIGNMENT PAGES 23, 24 & 25 TO OUTFIT INTO EXISTING M.H. STA. 25+88.00 PER P.C. 663. DELETE WITH P.C. 28. ADD VIEW PAGE 26B. CHANGE STATIONING P. 23.

APPROVED: OFFICE OF COUNTY ENGINEER DATE 4/1/70

**Special Notes**

- The Consultant Geologist and Soil Engineer must inspect and approve the excavations for sewers along Patminder Road and all other areas not within the street right-of-ways, prior to approval by the Engineering Geology Section.
- Some of the Lots May Require Individual Household Sewerage ejector pumps and/or backwater valves. Each lot should be checked prior to issuance of house connection permits.

No connections for the disposal of industrial wastes shall be made to sewers shown on these drawings without written permission from the Chief Engineer and General Manager of the County Sanitation District.

County Section 11.1 is shall be notified prior to the following: that requires improvements can be made (Phone 837-2088 - 854-3097) Maintenance of the project.

DOUBLE SCALE  
SAN DIMAS BLDG. DIST. NO. 10

PROFILE, ALIGNMENT AND GRADE OF P.C. 8260  
SANITARY SEWERS PAGE 1  
CONSTRUCTED IN

TRACT No 30578  
PRIVATE CONTRACT NO. 8260

W.S. 33-B4  
14 SHEETS, 11 PAGES (42241)  
SCALE: VERT. 1" = 8' HORIZ. 1" = 40' February, 1969  
PREPARED IN THE OFFICES OF  
E.L. PEARSON AND ASSOCIATES  
BY: E.L. Pearson 3-31-69  
REG. C. E. NO. 8757

- NOTES**
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  - NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
  - THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 7" V.C.P. MANHOLES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
  - THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION ± 0.5' FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
  - NO SECTIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
  - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-408, EXT. 8131, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  - All structures shall be either brick manholes or precast concrete manholes per S-4 or S-5 except as noted.
  - Y-Tee manholes may be used for connections to mainline sewers except as noted.
  - MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
  - USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
  - Vitrified clay pipe joints shall be type D, "F" or "G" per standard Specifications Section 208-2.
  - A POWER POLE IS WITHIN THREE FEET OF THE SEWER. THE SEWER SHALL BE ENCASED, PER S-23, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
  - IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-23, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
  - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE OR EDGE OF PAVEMENT GRADE.
  - REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  - Sewer to be fitted for leakage per Section 208-2.3.7 of the Standard Specifications.
  - Refer to Section 710.4.1 of the Standard Specifications Regarding Soils & Foundations.
  - All joints between cast iron pipe and vitrified clay pipe shall be made with gaskets of a close joint type 8" x 8" with backing of mastic per standard specifications Section 208-2.

REVISION No 4 28 JUNE 71  
1. Changed wording in Special Note no. 1 on page 1.  
2. Removed notes, nos. 19a & 19b.  
APPROVED: Thomas E. Howard  
OFFICE OF COUNTY ENGINEER

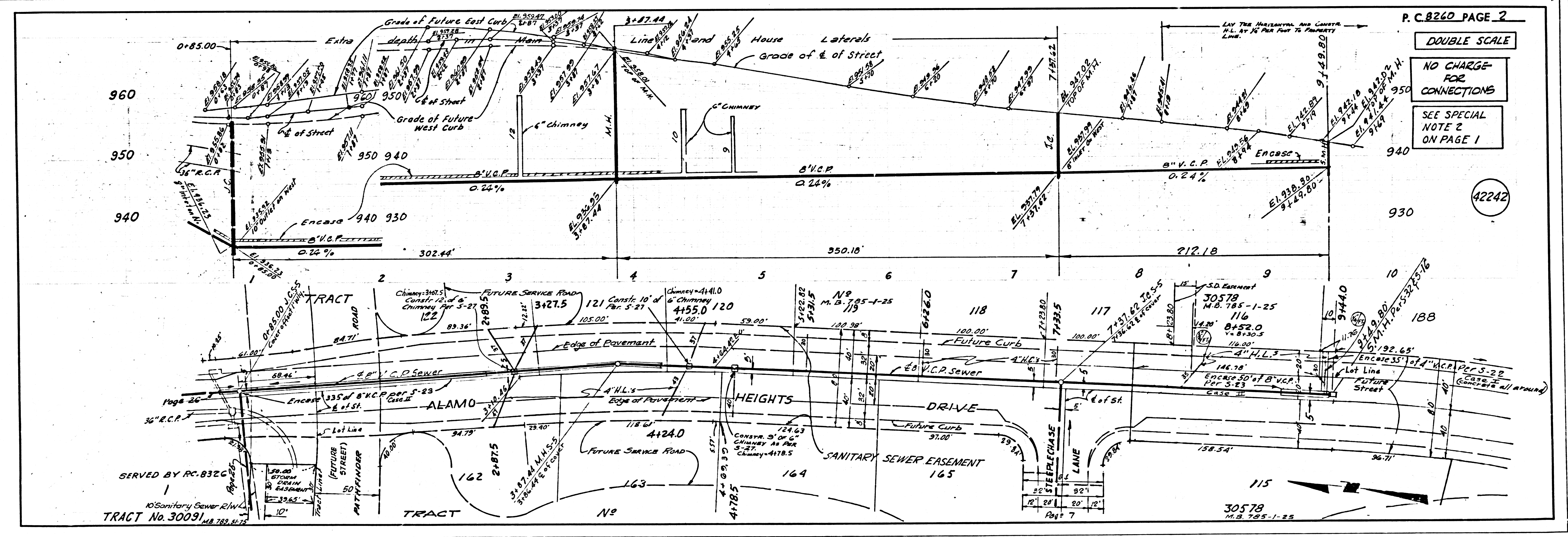
COLLECT CHARGES AS INDICATED

**NOTICE TO CONTRACTOR**

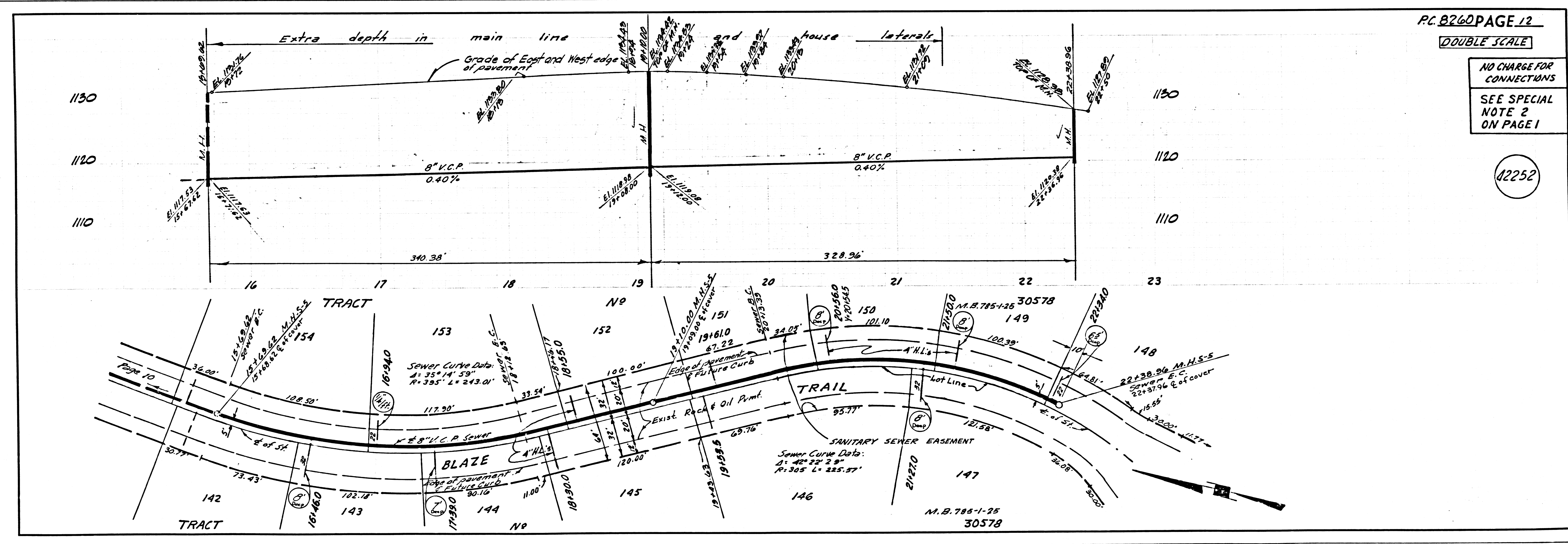
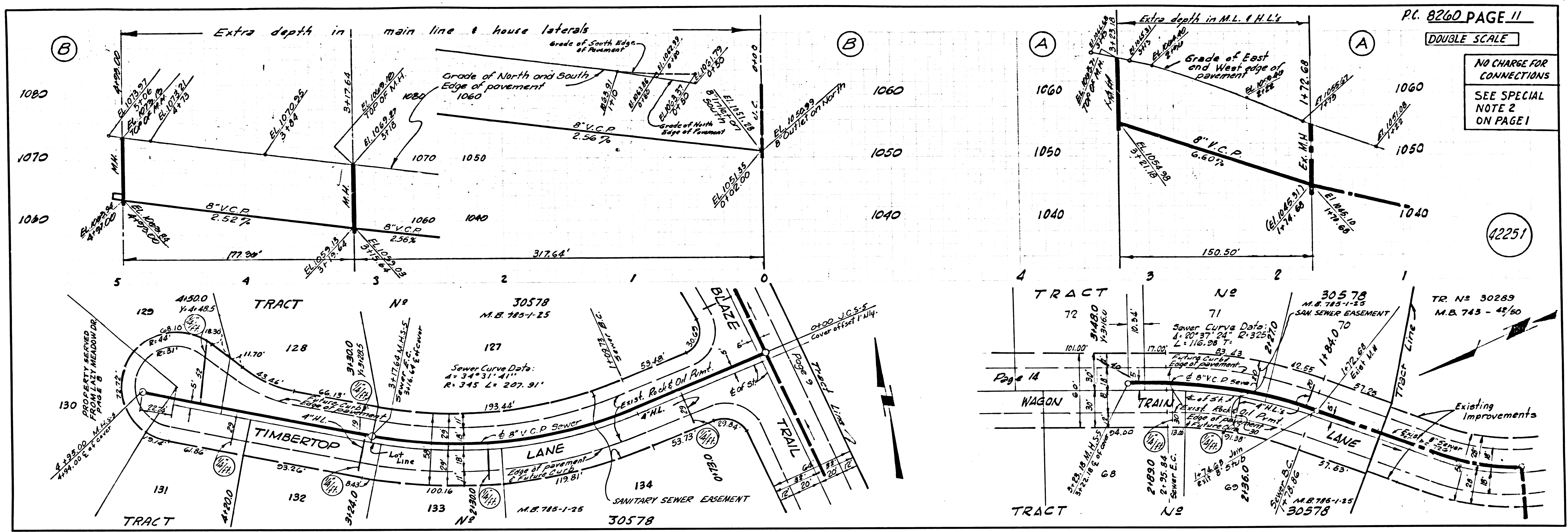
The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of my knowledge there are no existing utilities except as shown on these plans. The contractor is required to take due precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.

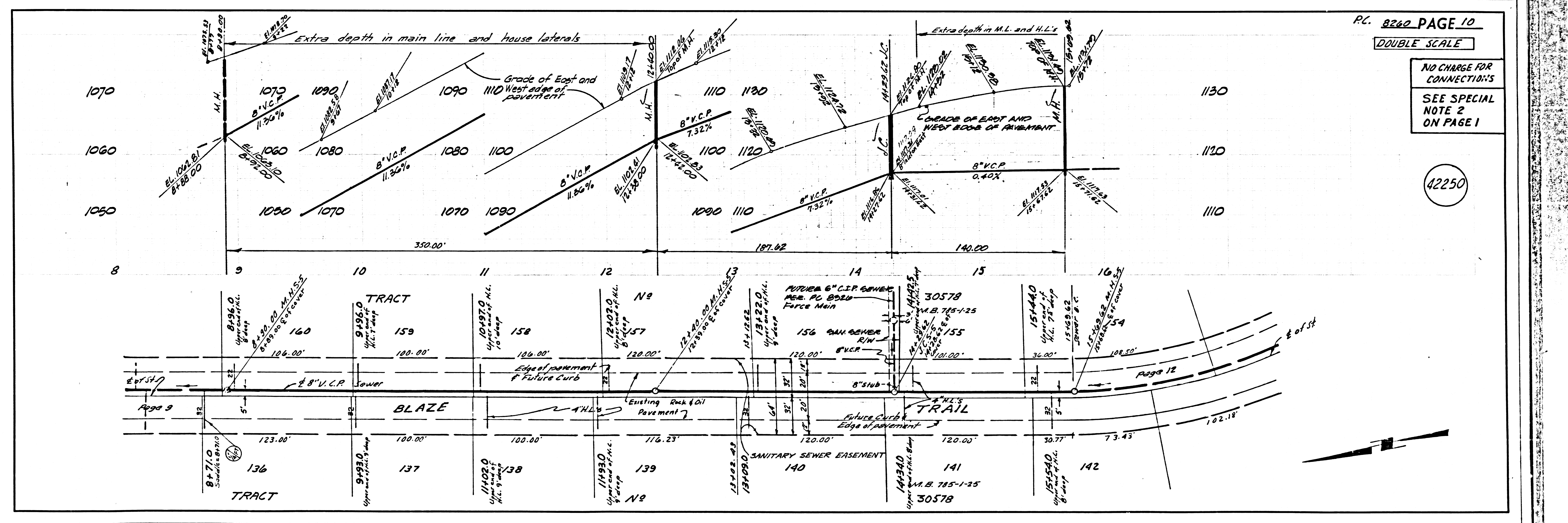
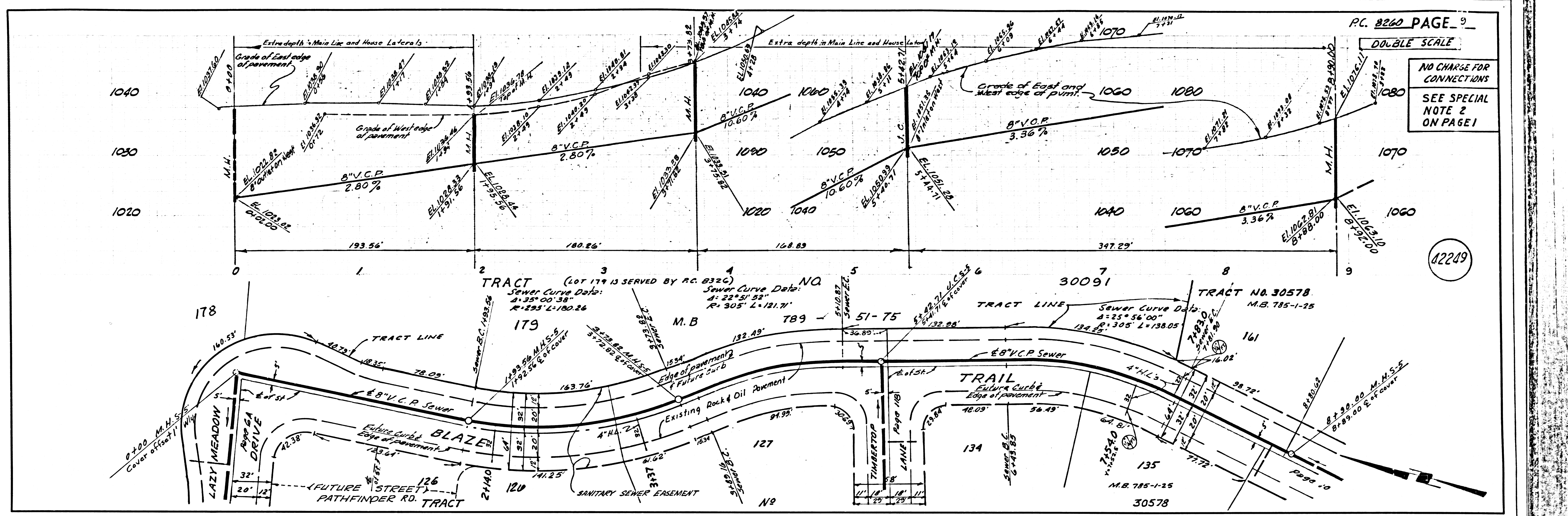
John A. Lambie  
REG. 8757

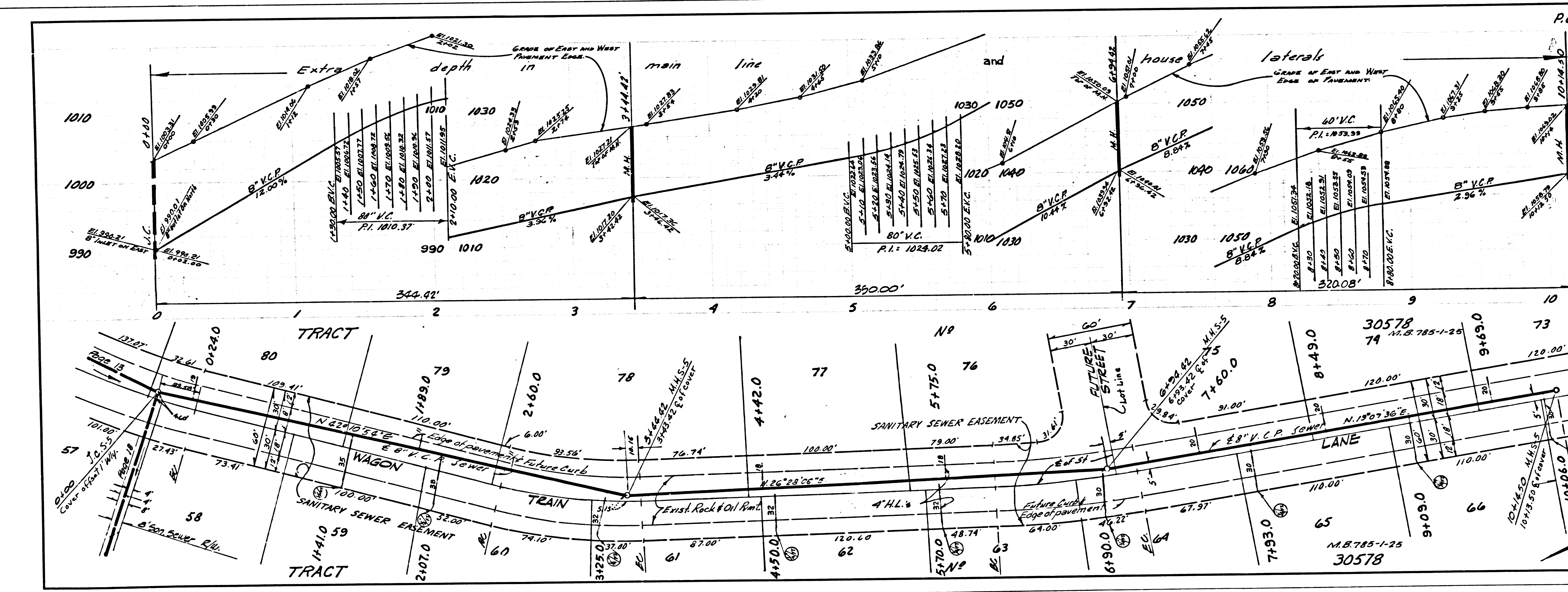
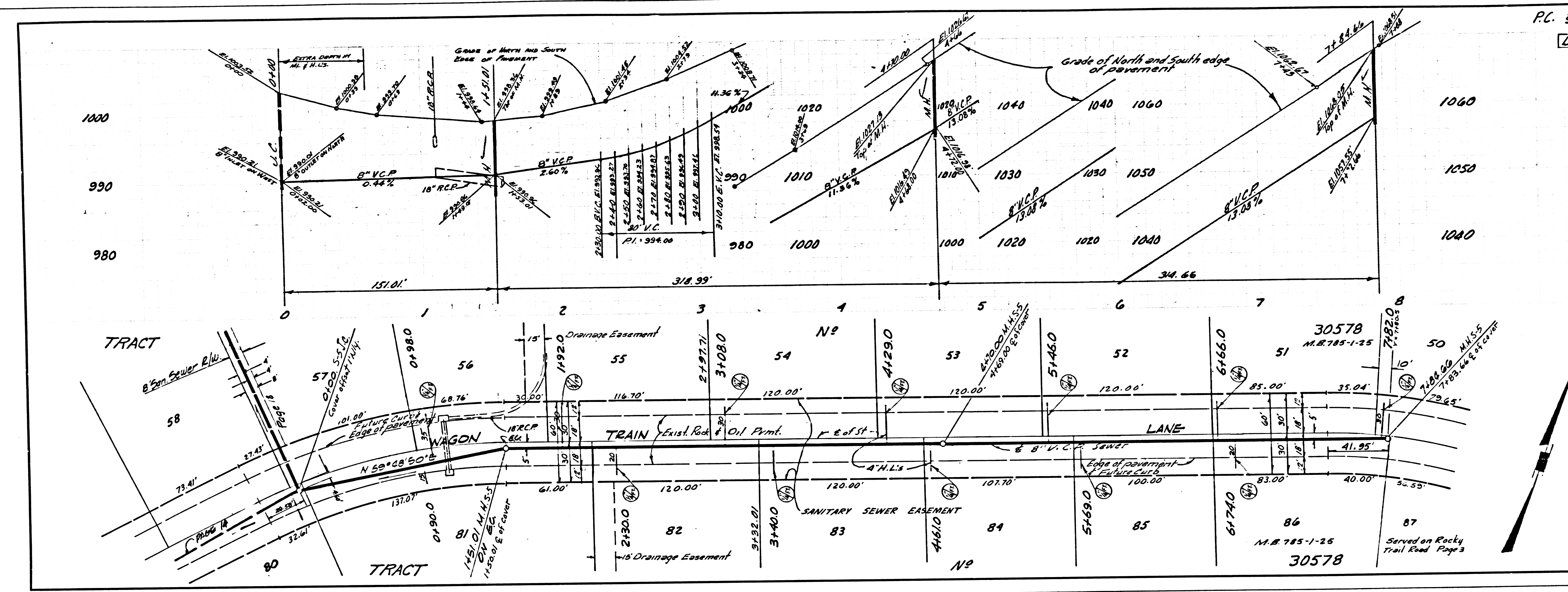
COUNTY OF LOS ANGELES, CALIFORNIA  
JOHN A. LAMBE, COUNTY ENGINEER  
J. D. PARKHURST, CHIEF ENGINEER  
CO. SAN. DIST. NO. 10  
APPROVED BY: B.F. Worling  
MAN DIMAS DISTRICT ENGINEER  
APPROVED BY: [Signature]  
OFFICE ENGINEER

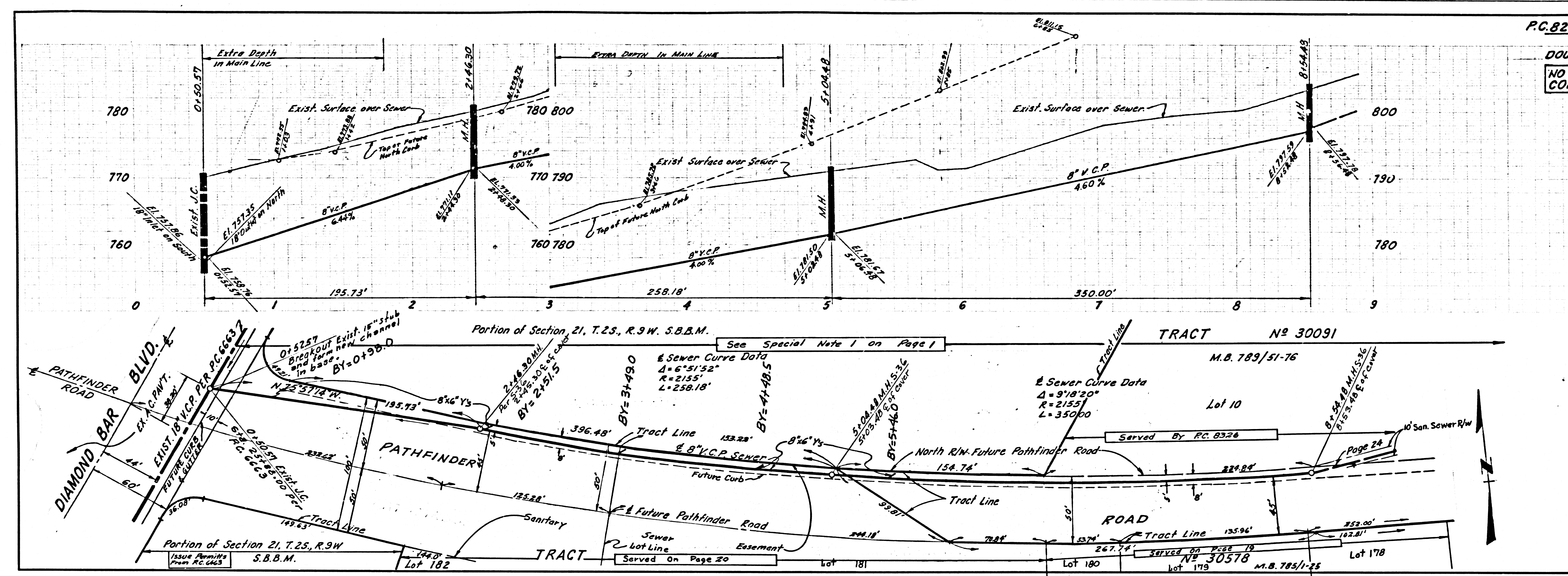


P. C. 8260 PAGE 2  
DOUBLE SCALE  
NO CHARGE FOR CONNECTIONS  
SEE SPECIAL NOTE 2 ON PAGE 1  
(42242)



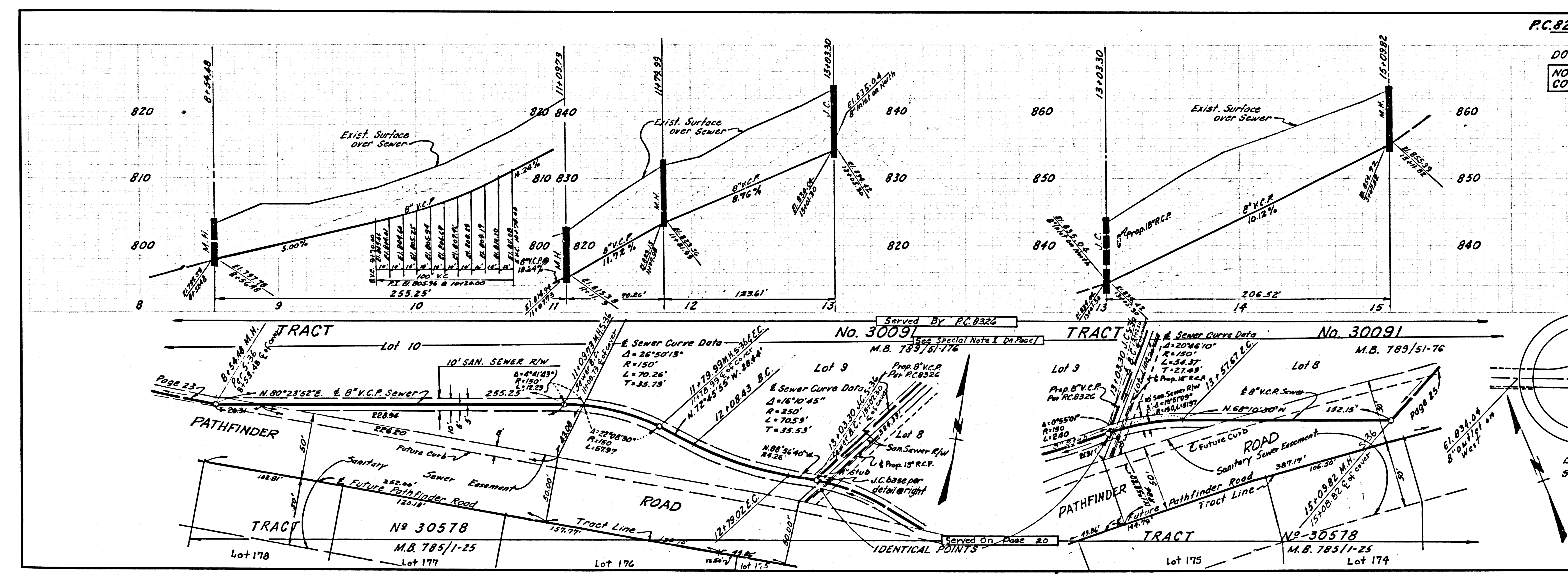






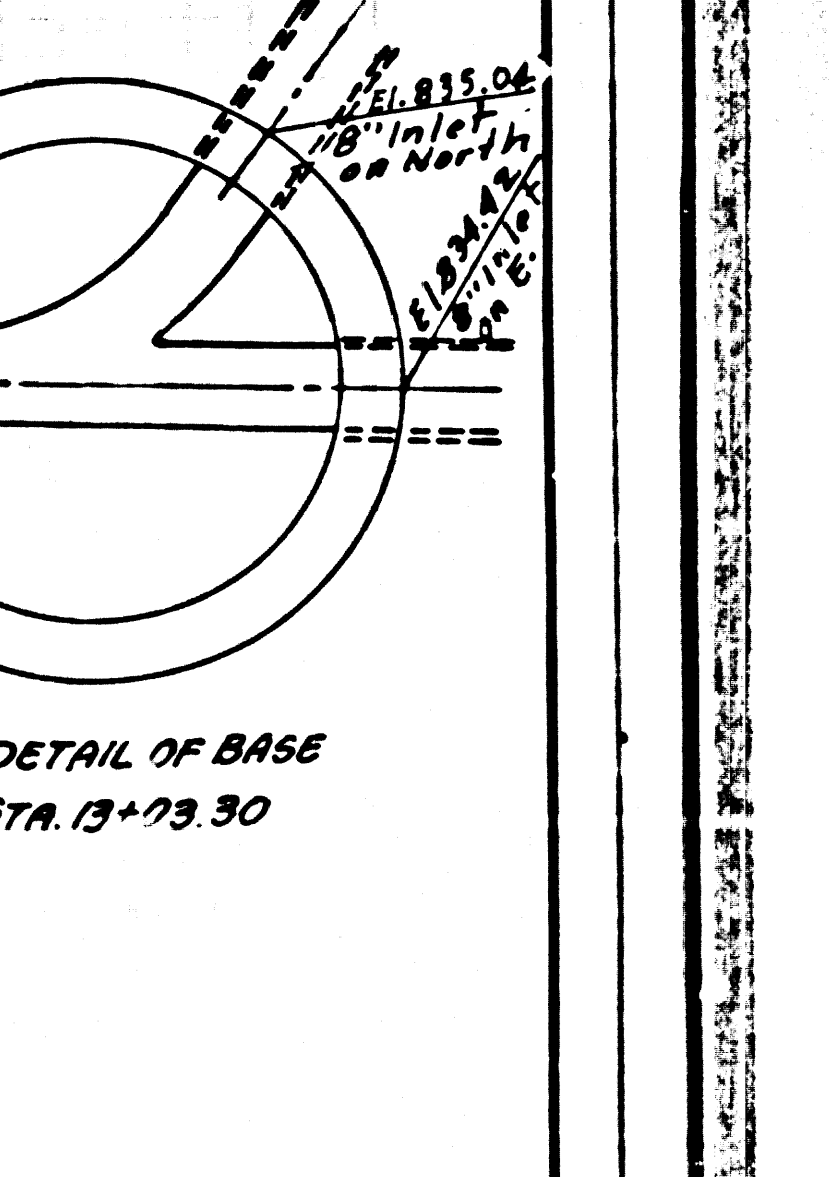
PC.8260 PAGE 23  
 DOUBLE SCALE  
 NO CHARGE FOR CONNECTIONS

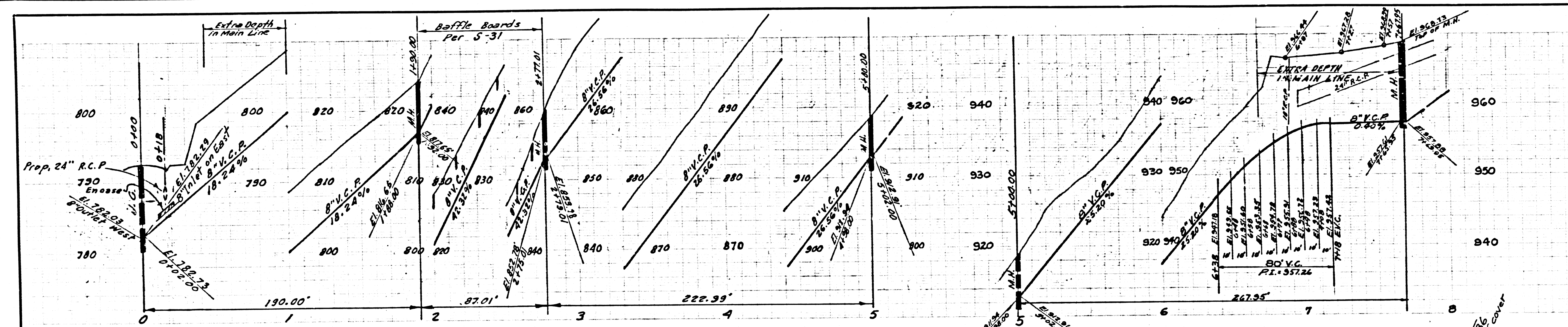
42263



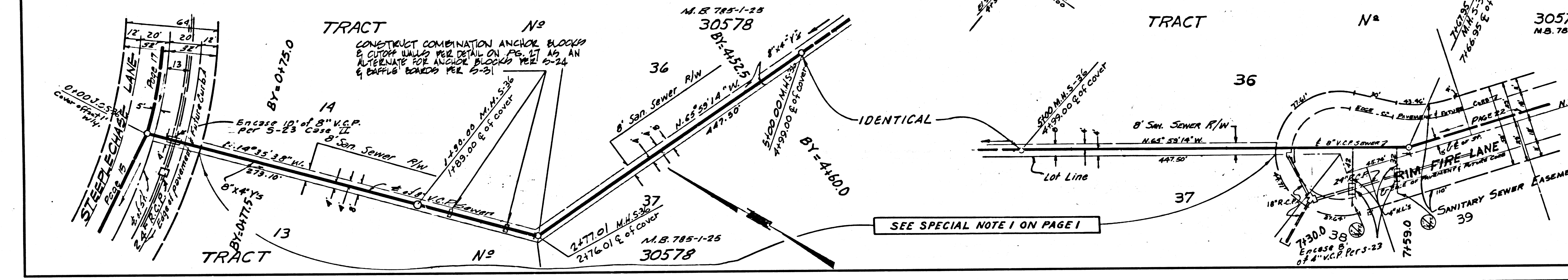
PC.8260 PAGE 24  
 DOUBLE SCALE  
 NO CHARGE FOR CONNECTIONS

42264

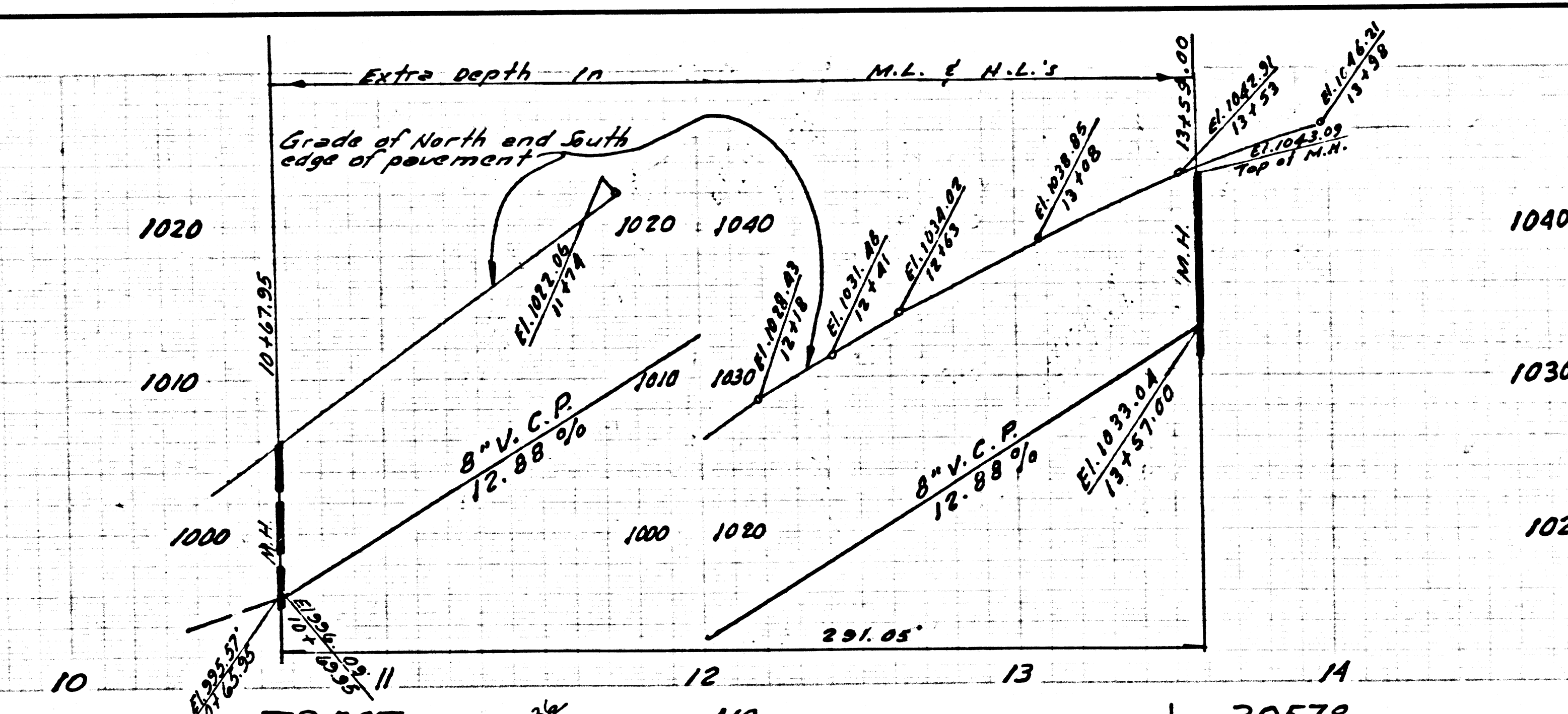
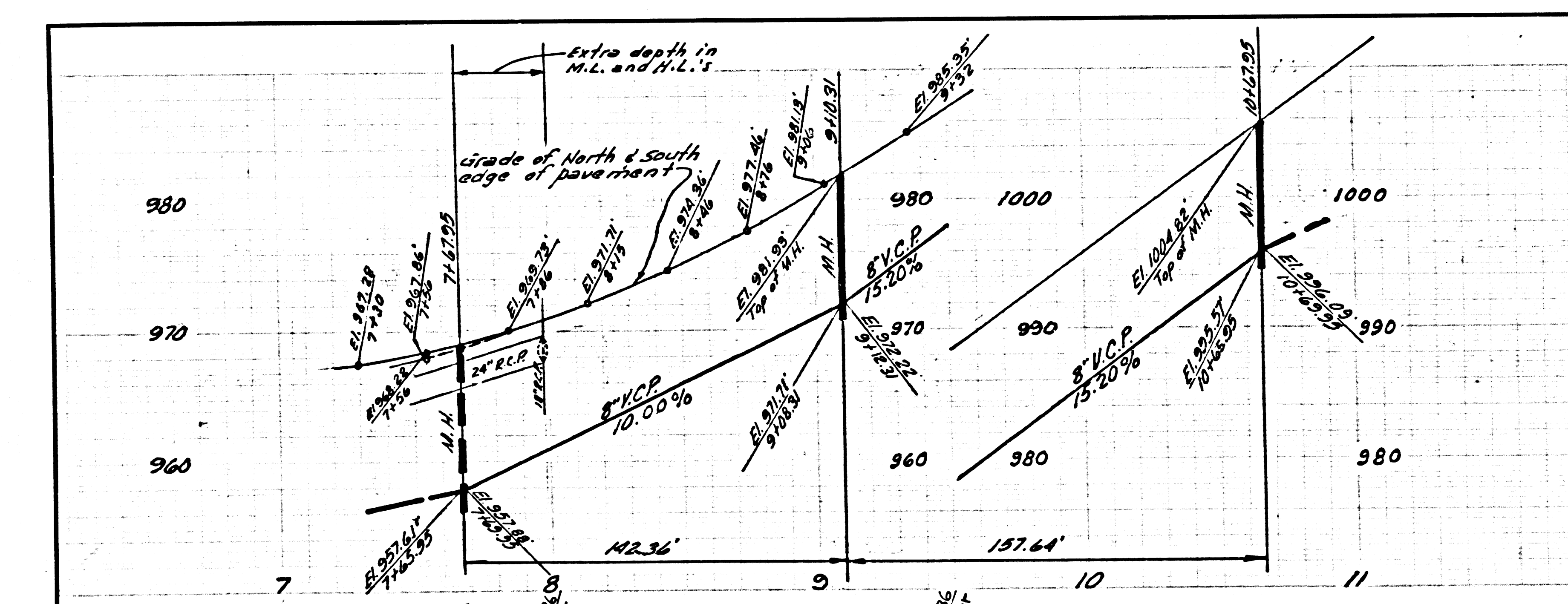




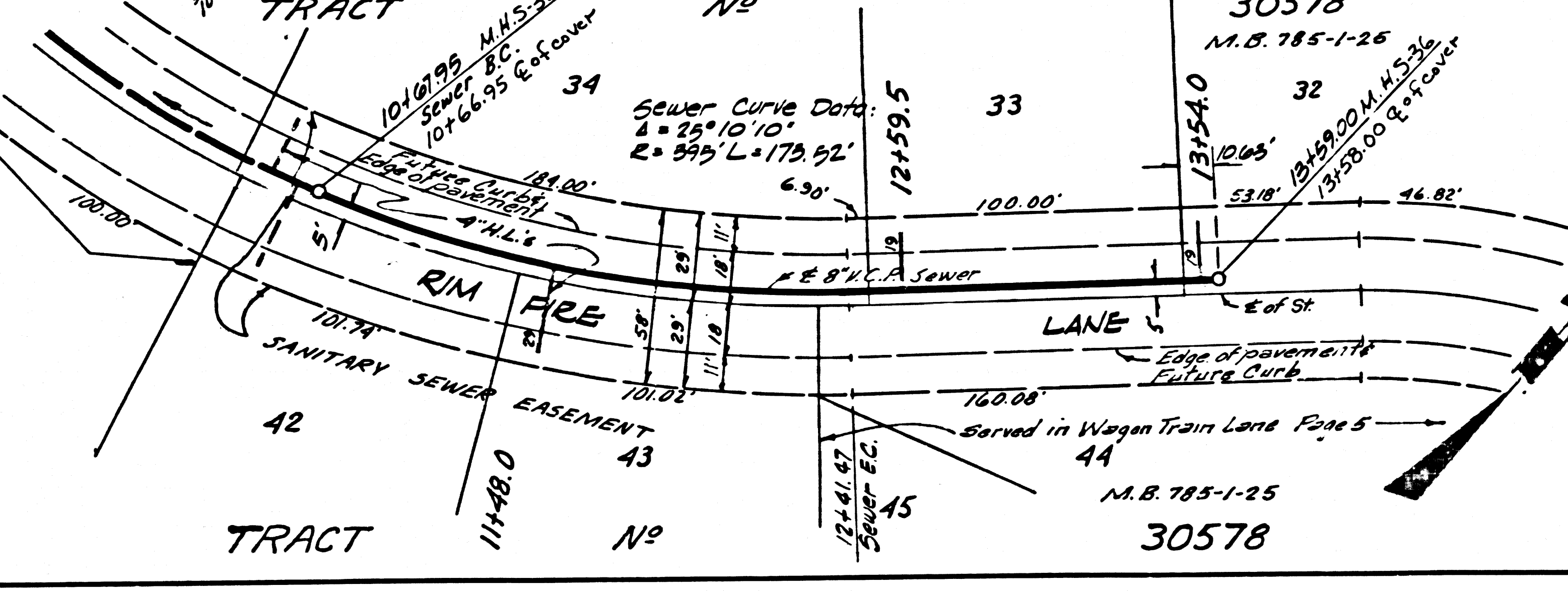
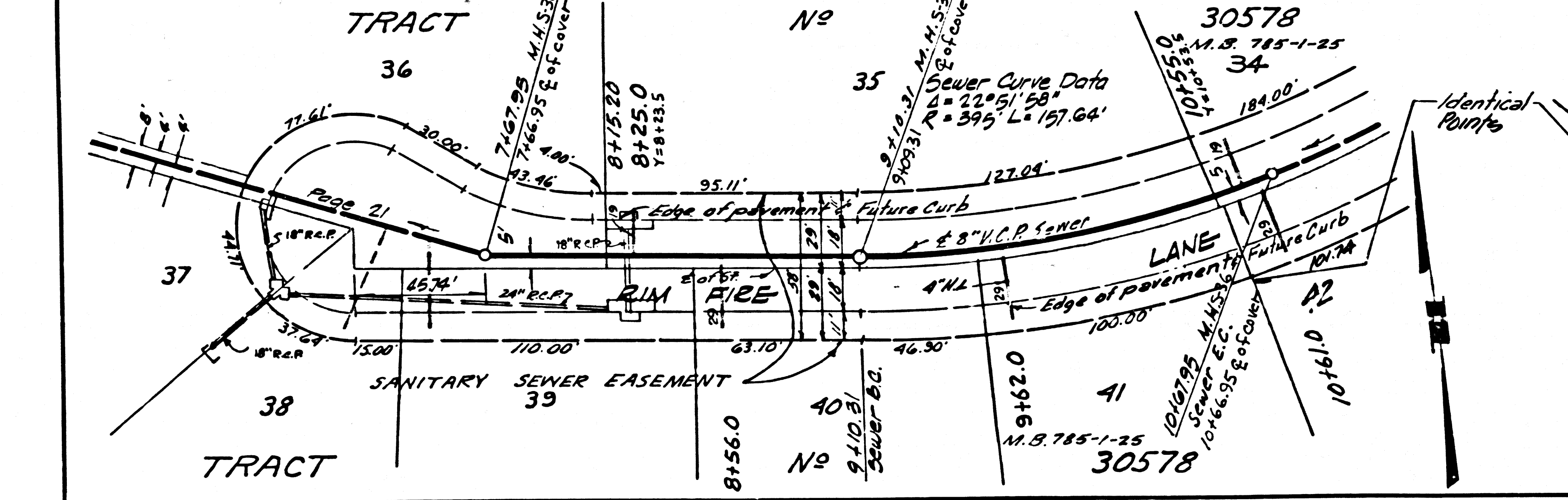
PC. 8260 PAGE 21  
 DOUBLE SCALE  
 NO CHARGE FOR CONNECTIONS  
 SEE SPECIAL NOTE 2 ON PAGE 1



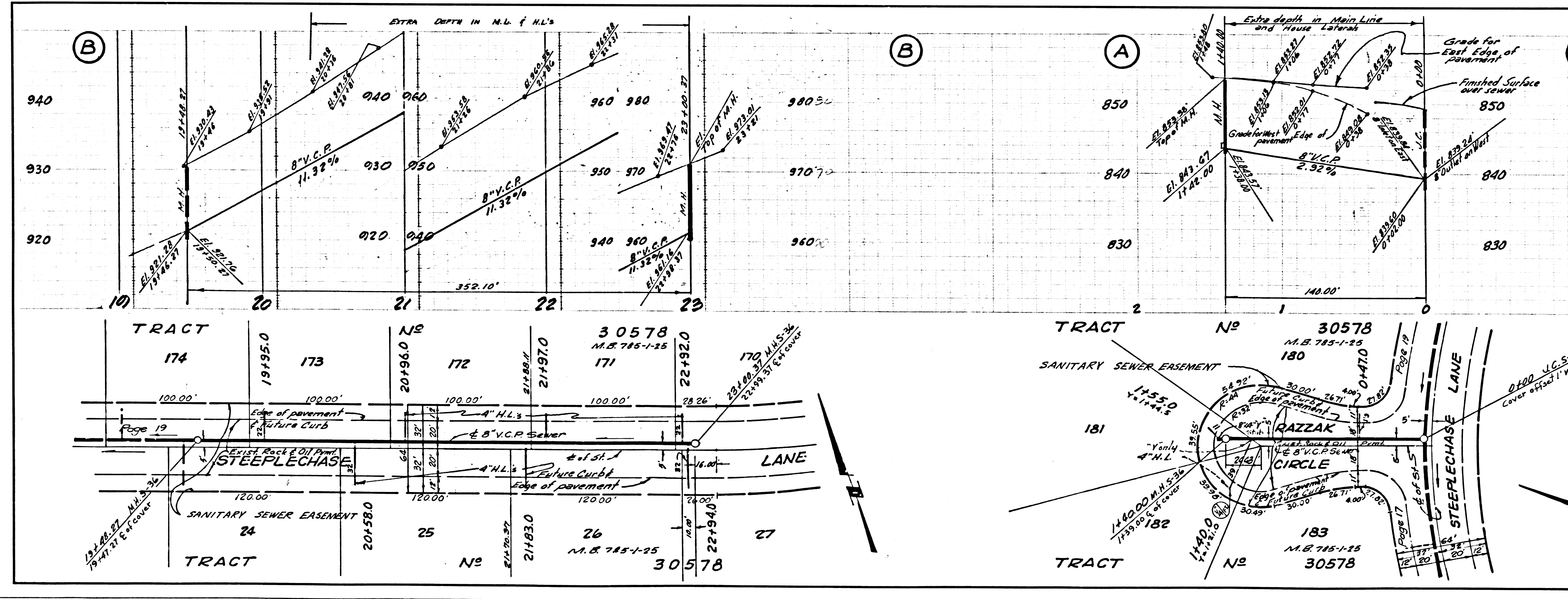
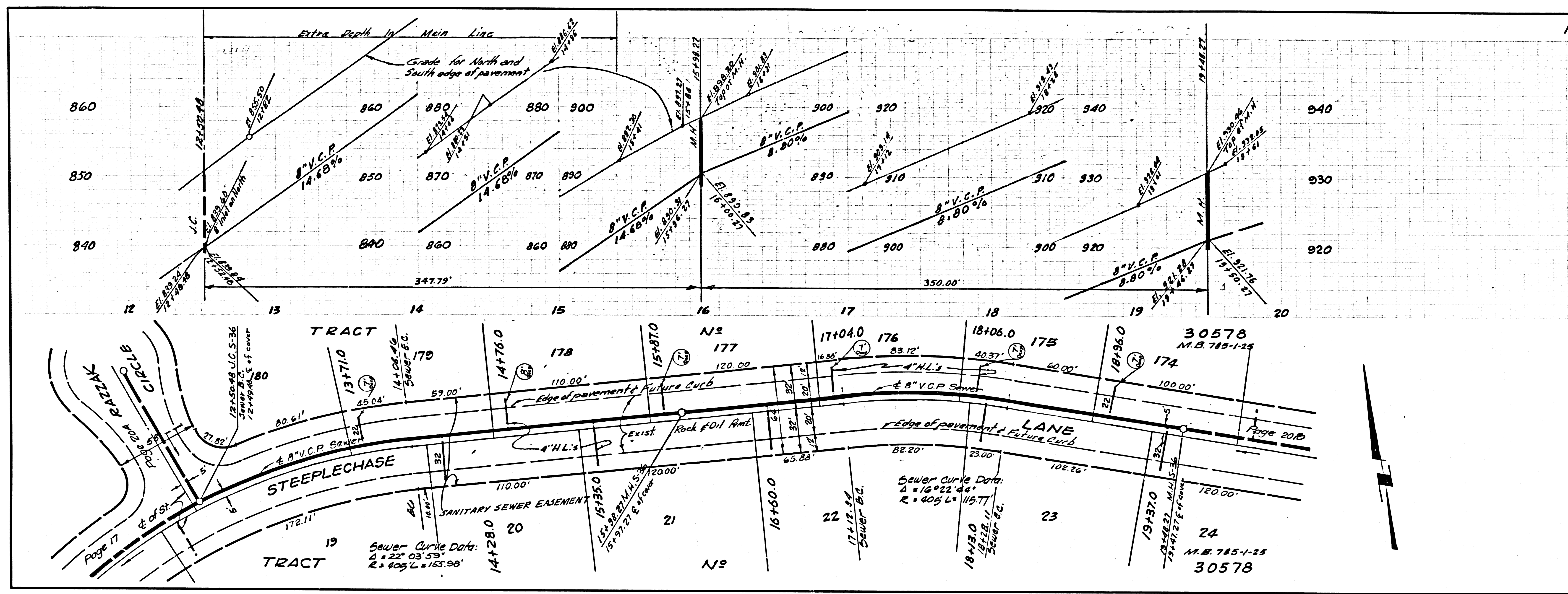
42261

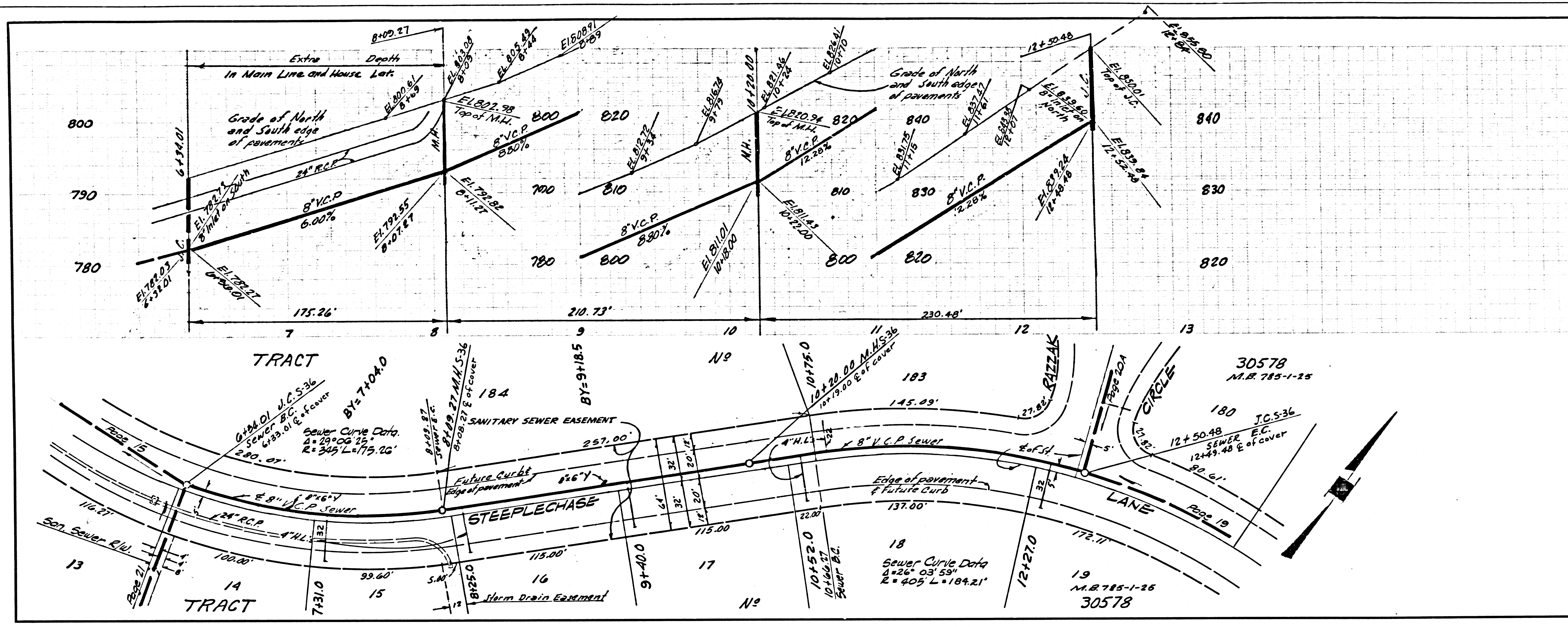


PC. 8260 PAGE 22  
 DOUBLE SCALE  
 NO CHARGE FOR CONNECTIONS  
 SEE SPECIAL NOTE 2 ON PAGE 1



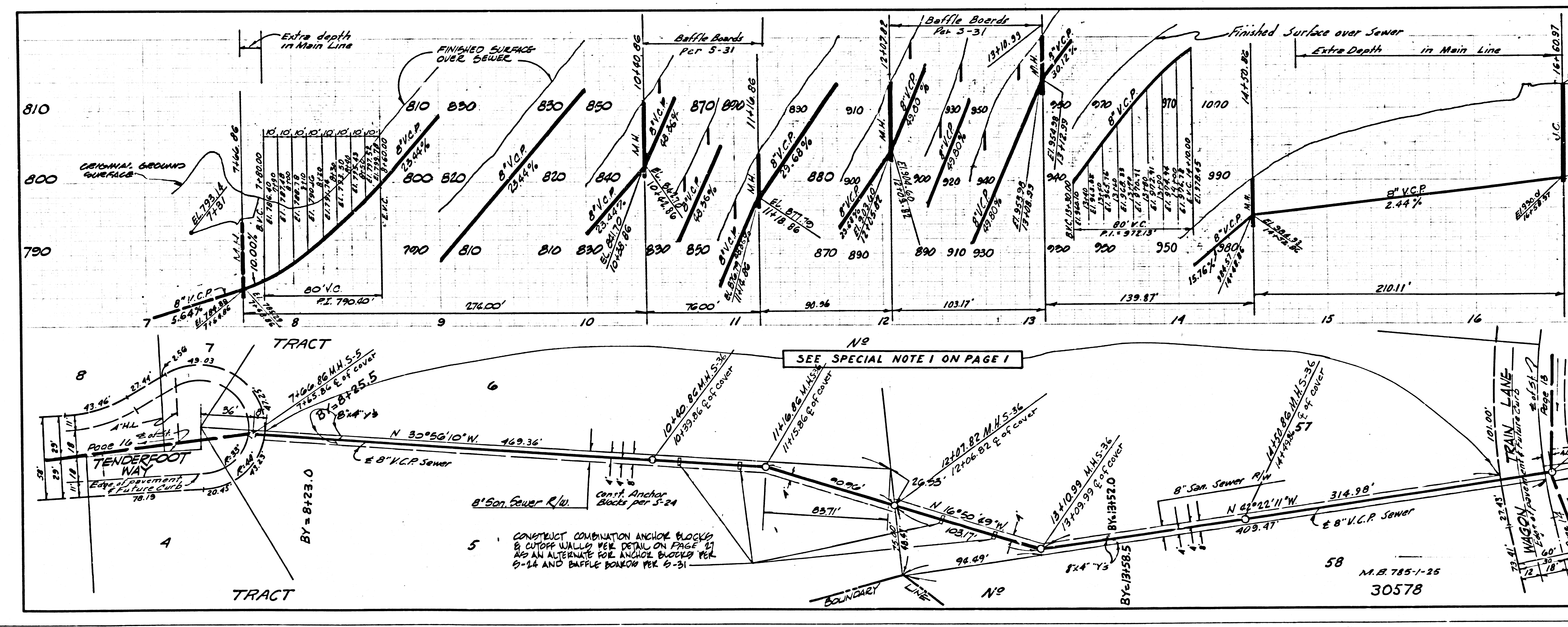
42262





PC. 8260 PAGE 17  
 DOUBLE SCALE  
 NO CHARGE FOR CONNECTIONS  
 SEE SPECIAL NOTE 2 ON PAGE 1

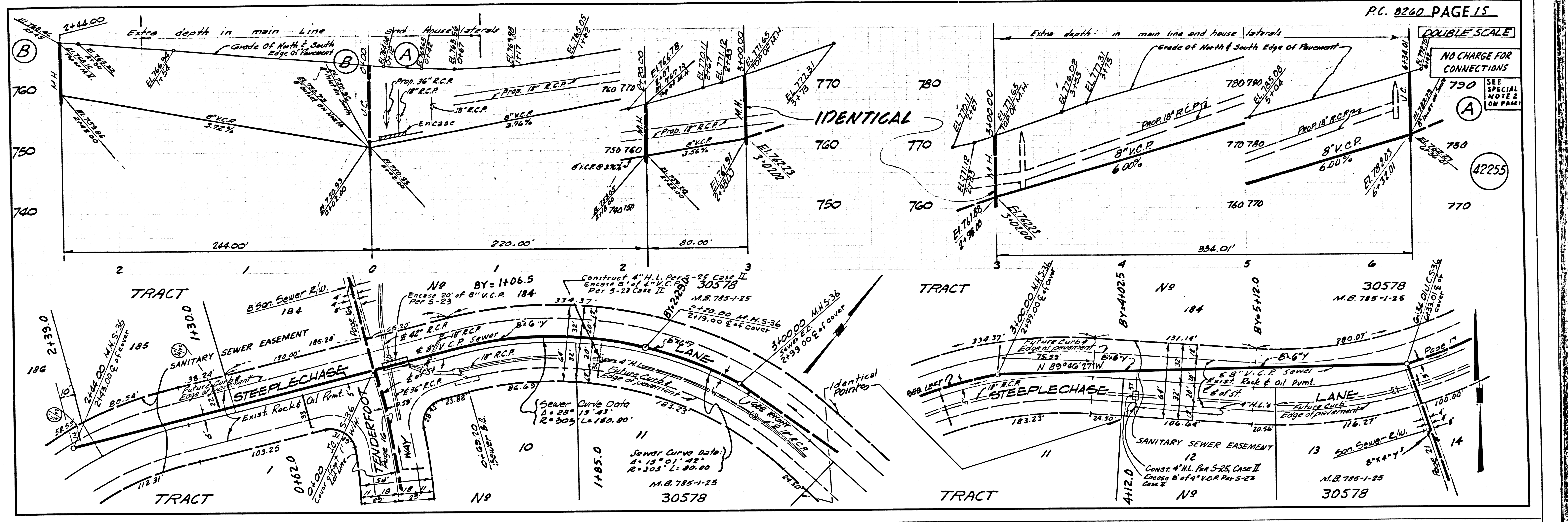
42257



PC. 8260 PAGE 18  
 DOUBLE SCALE  
 NO CHARGE FOR CONNECTIONS  
 SEE SPECIAL NOTE 2 ON PAGE 1

42258



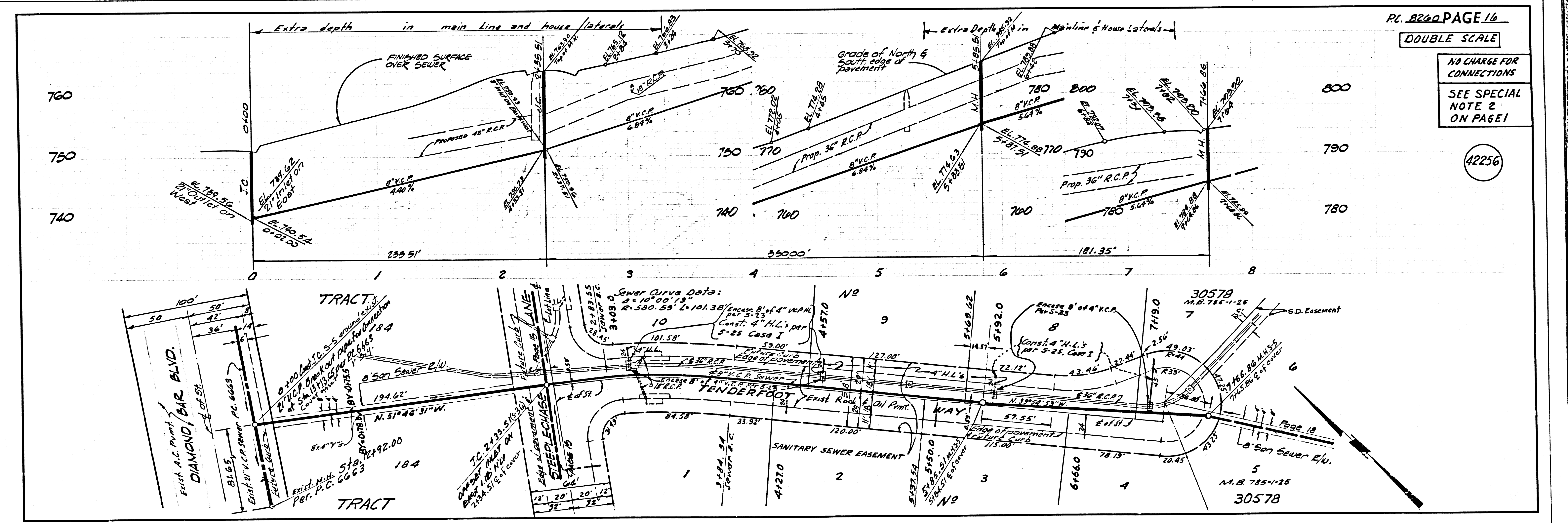


DOUBLE SCALE

NO CHARGE FOR CONNECTIONS

SEE SPECIAL NOTE 2 ON PAGE 1

42255



DOUBLE SCALE

NO CHARGE FOR CONNECTIONS

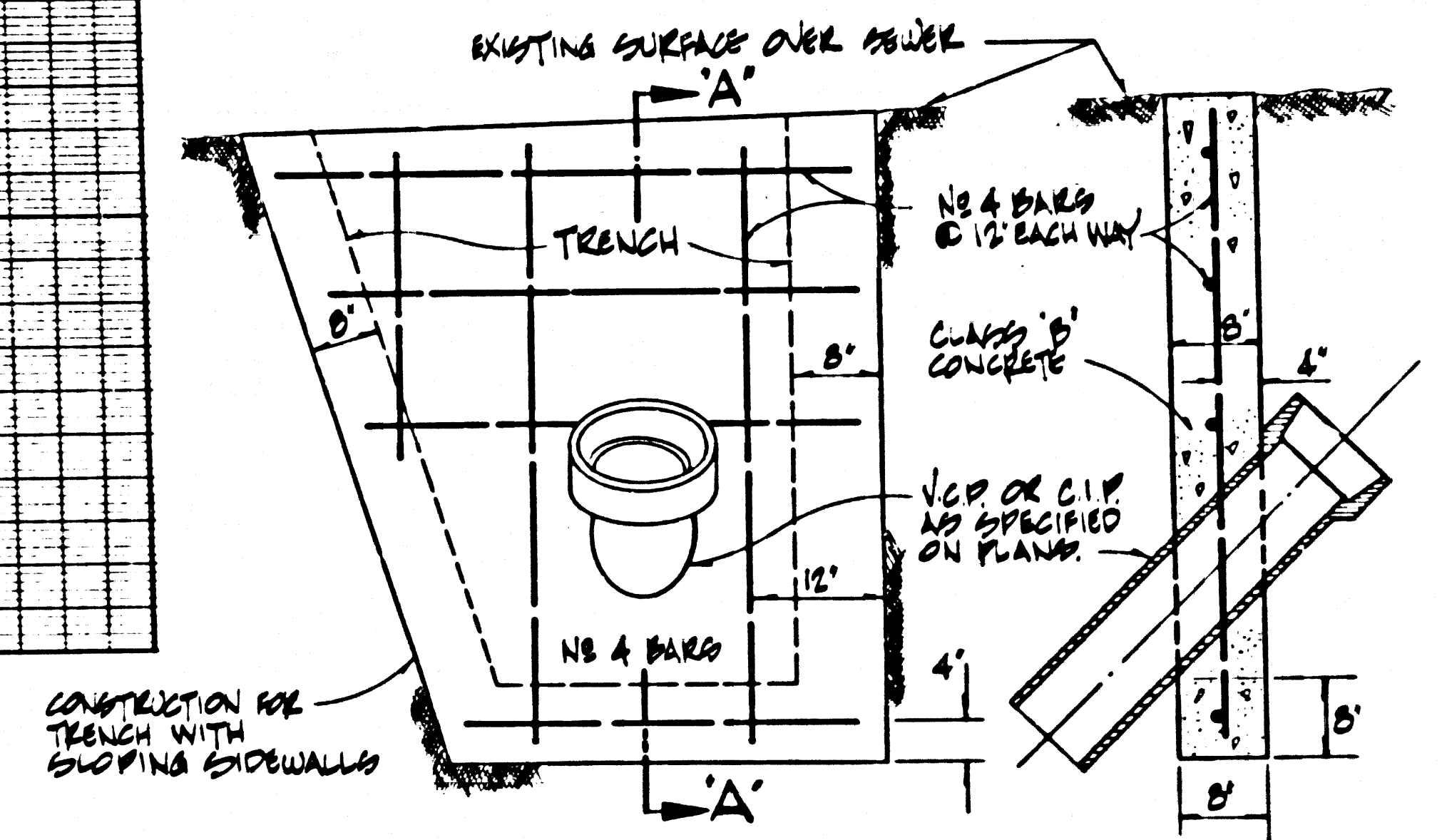
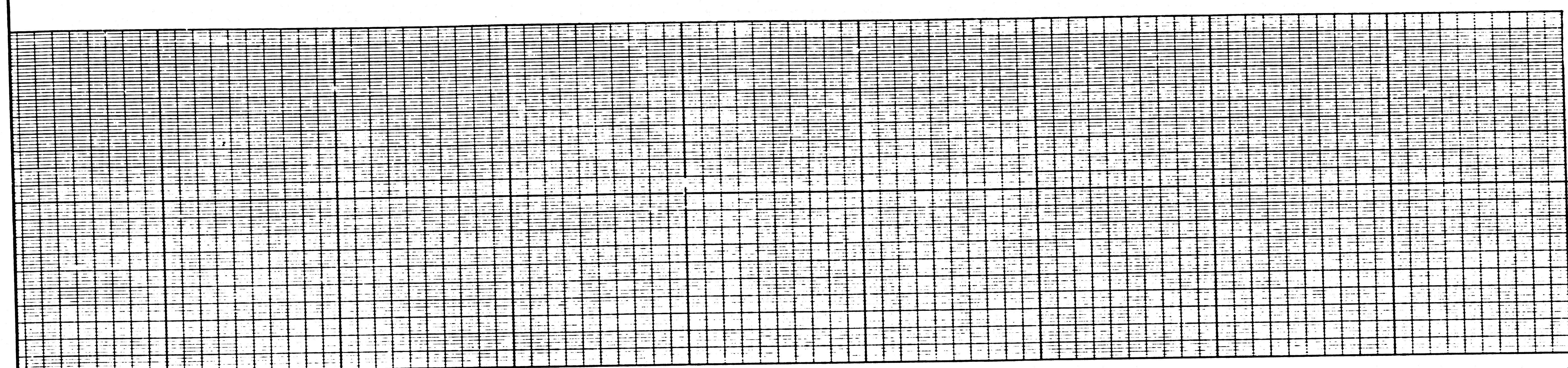
SEE SPECIAL NOTE 2 ON PAGE 1

42256



**COMBINED ANCHOR BLOCK AND CUT OFF WALL**

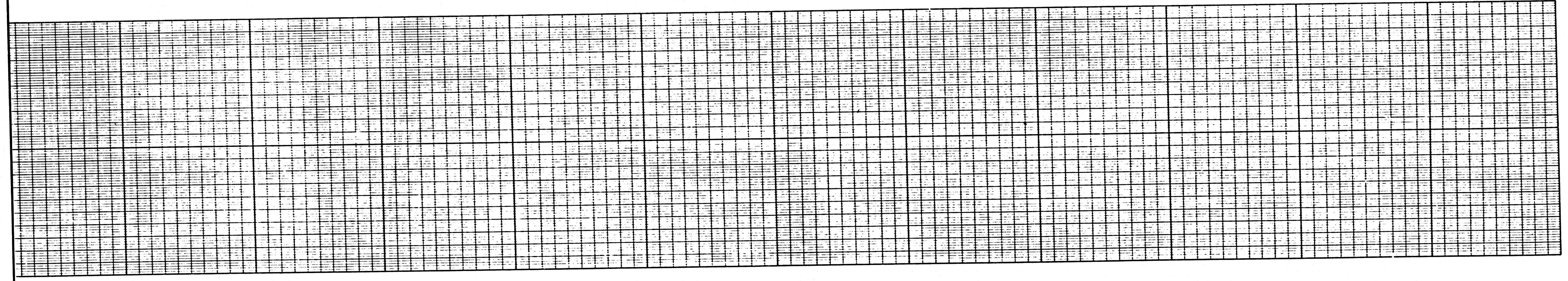
TO BE USED WHEN SEWER GRADE IS GREATER THAN 30% OR WHEN DESIGNATED ON THE PLAN

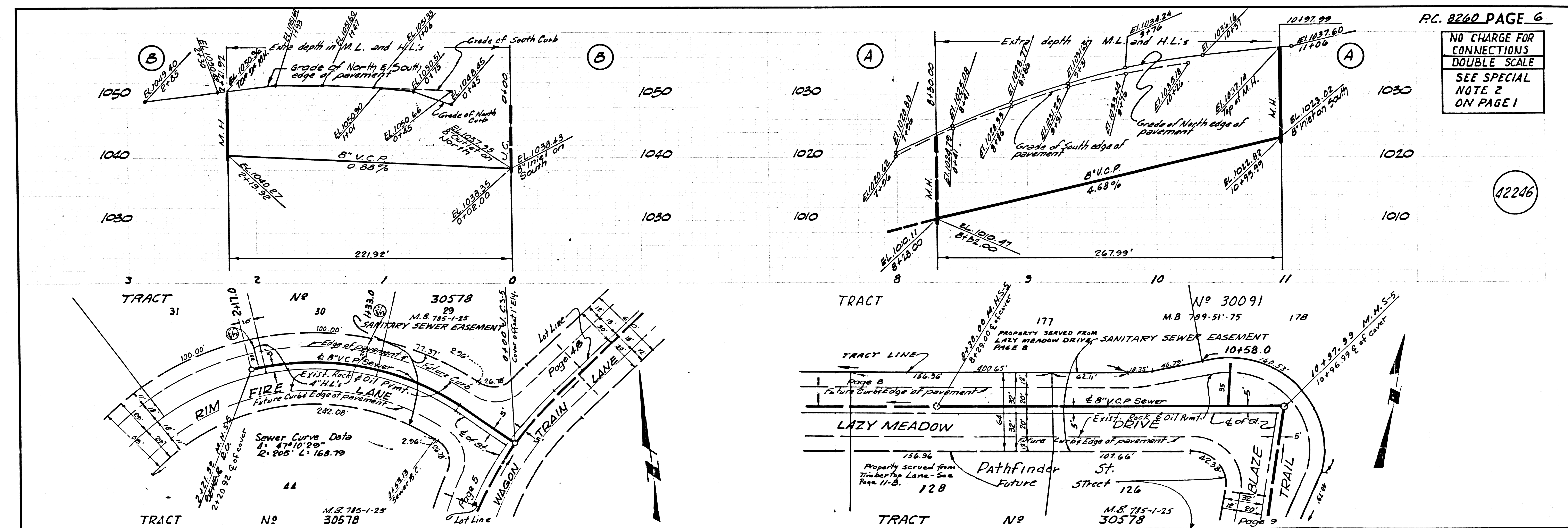
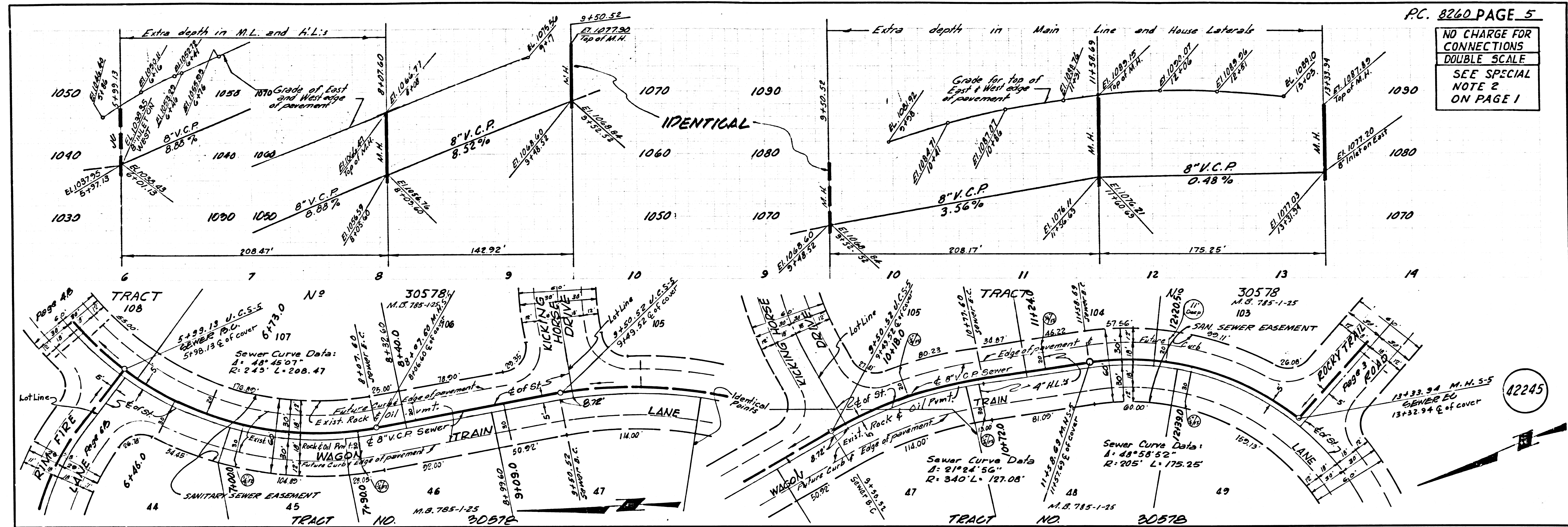


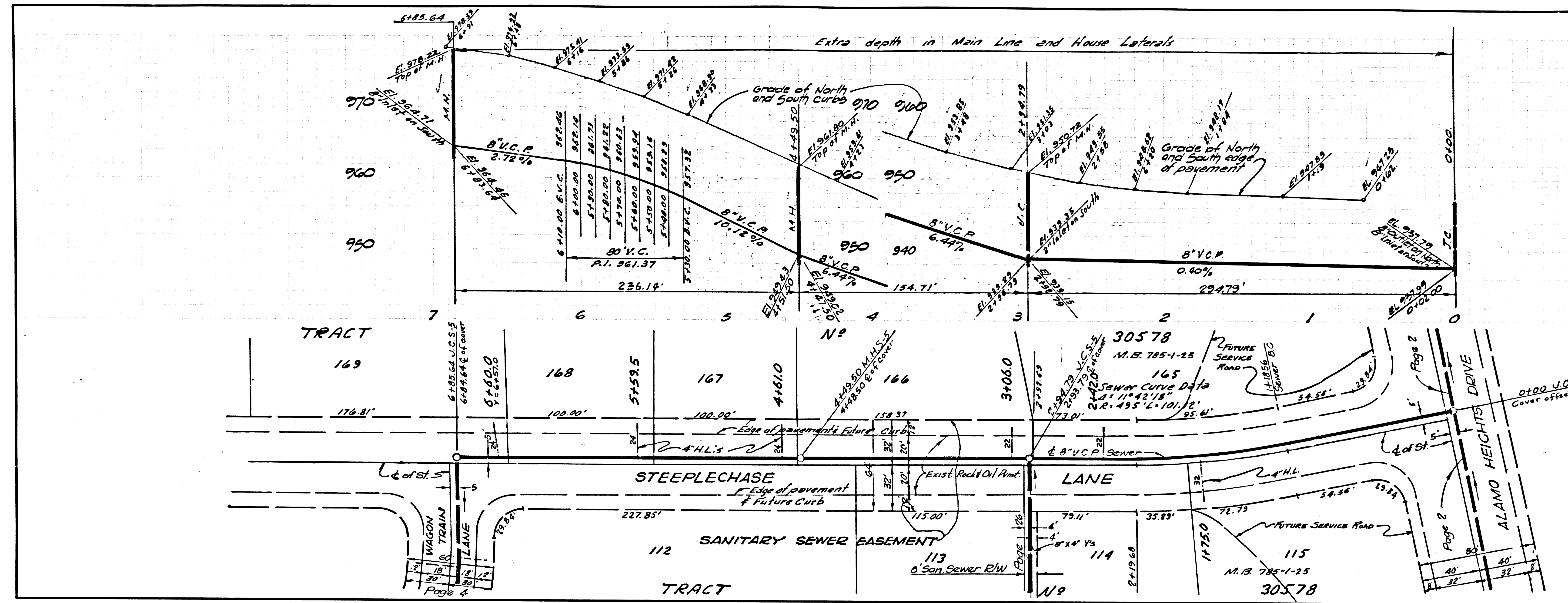
ELEVATION SECTION A-A

- NOTES:
1. TO BE USED AS AN ALTERNATE FOR ANCHOR BLOCKS PER G-2&E BARS PER G-21
  2. ANY METHOD OF FORMING MAY BE USED PROVIDED THE MINIMUM DIMENSIONS ARE MET.
  3. ALL DIMENSIONS SHOWN ARE MINIMUM.
  4. TOP OF CUTOFF WALL CAN BE 6" MAXIMUM BELOW FINISH SURFACE OVER SEWER.

02267

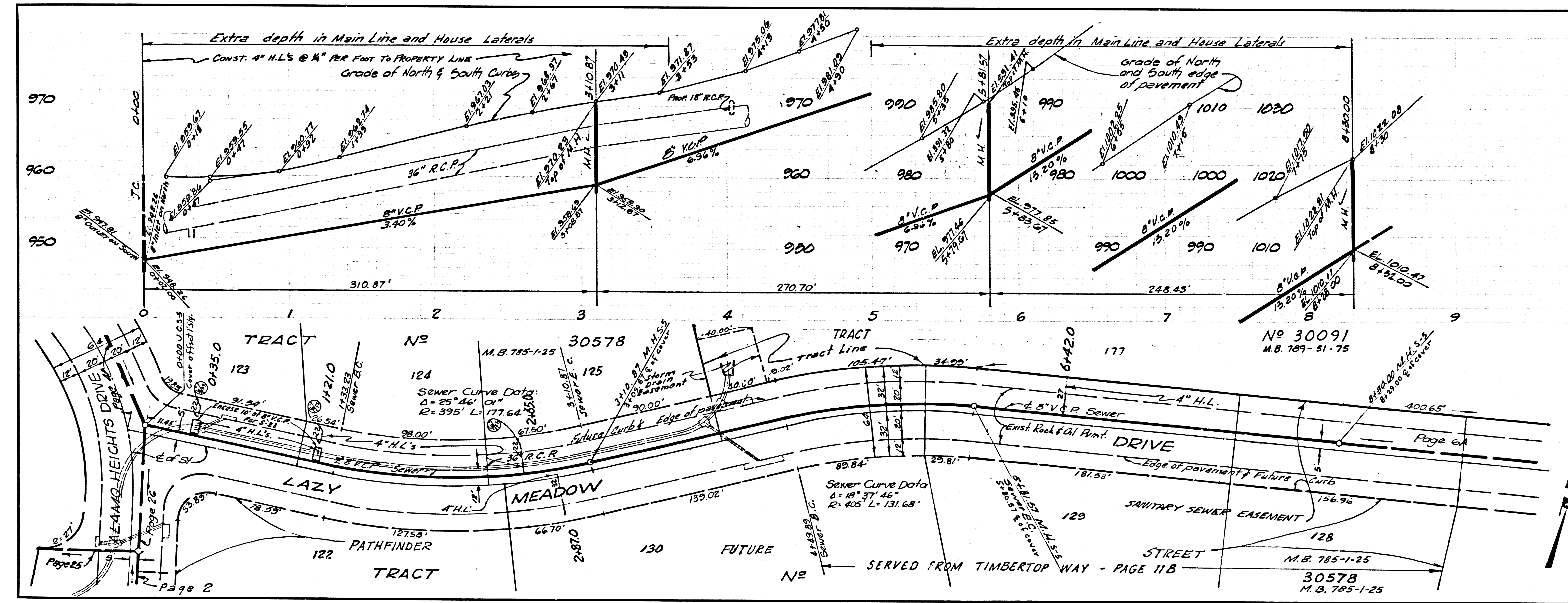






PC 8260 PAGE 7  
 DOUBLE SCALE  
 NO CHARGE FOR CONNECTION  
 SEE SPECIAL NOTE 2 ON PAGE 1

42247



PC 8260 PAGE 8  
 DOUBLE SCALE  
 NO CHARGE FOR CONNECTION  
 SEE SPECIAL NOTE 2 ON PAGE 1

42248

