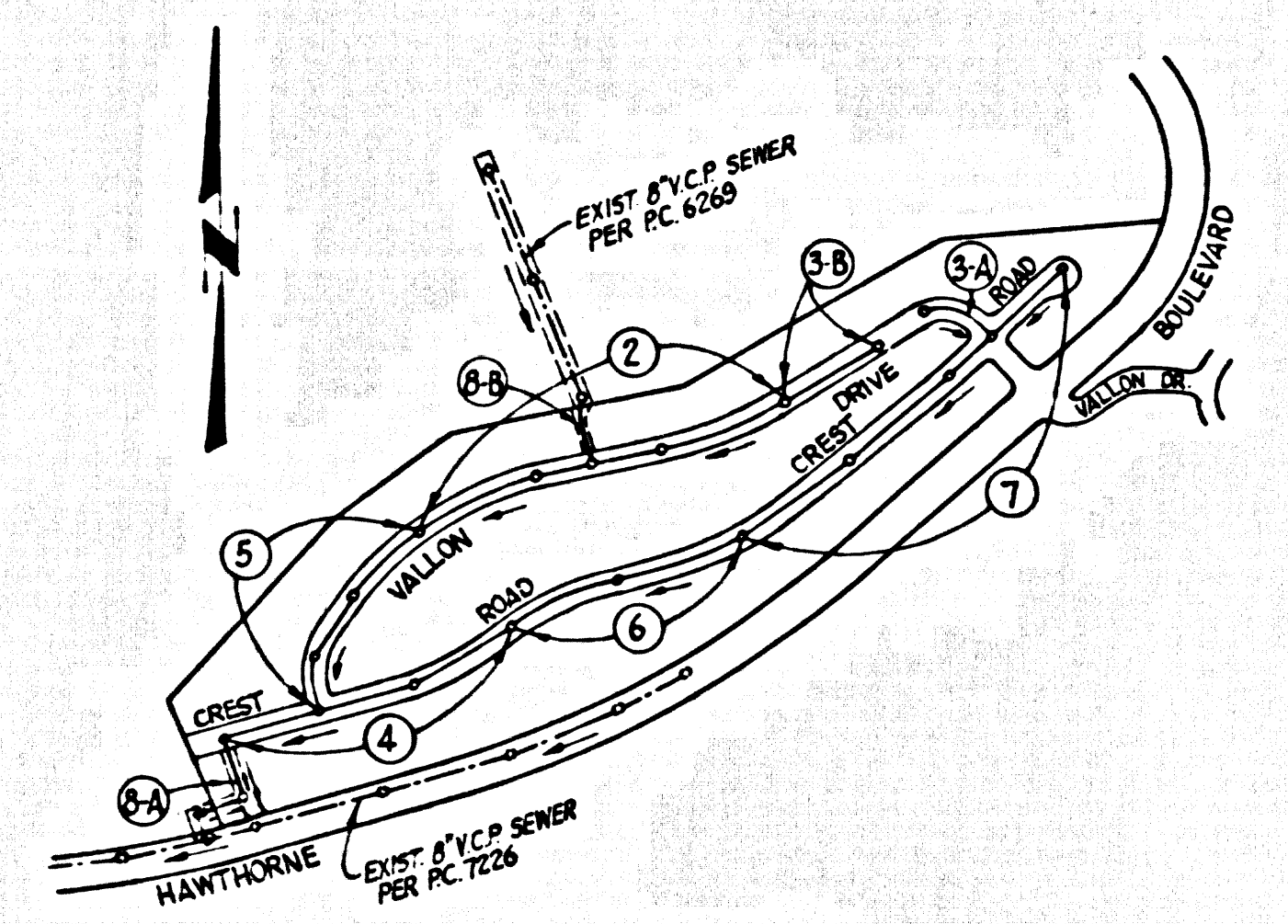


B.M. BY 7330 ELEV. 569.334  
 C.S. MON. FL. IN C.B. 4 FT. 6.0 CURB FACE N.E.W.  
 COR. HAWTHORNE BLVD. & VALLON DR., 34 FT.  
 E. & 63 FT. N. OF E. INT., MARKED B.M. 50' 20' 1965.  
 PALOS VERDES QUAD. 19 65



INDEX MAP  
 TRACT NO. 28083  
 SCALE: 1" = 600'  
 PC 7847

REVISIONS  
 REVISED DEPTH AND LOCATION OF 8" V.C.P. ON  
 PAGE 8-A & 8-B  
 REVISED BY C.M. Leonard R.C.E. 19147  
 C.M. LEONARD  
 APPROVED BY Bernard J. Valady 11-9-67

T Branches may be used instead  
 of Y Branches for House Lateral  
 Connections to the Main Line  
 Sewer unless otherwise noted.

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 DISTRICTS

DOUBLE SCALE  
 LOMITA BLDG. DIST. NO. 12

PROFILE, ALIGNMENT AND GRADE OF P.C. 7847  
 SANITARY SEWERS PAGE 1

TO BE CONSTRUCTED IN  
 TRACT NO. 28083  
 PRIVATE CONTRACT NO. 7847

W.S. 27  
 4 SHEETS, 8 PAGES  
 SCALE: VERT. 1" = 4'  
 HORIZ. 1" = 40'  
 MARCH, 1967  
 PREPARED IN THE OFFICES OF  
 LANCO ENGINEERING  
 by Clark M. Leonard  
 CLARK M. LEONARD REG. C. E. NO. 13167  
 FOR LEGEND SEE PLAN NO. S-1

39606

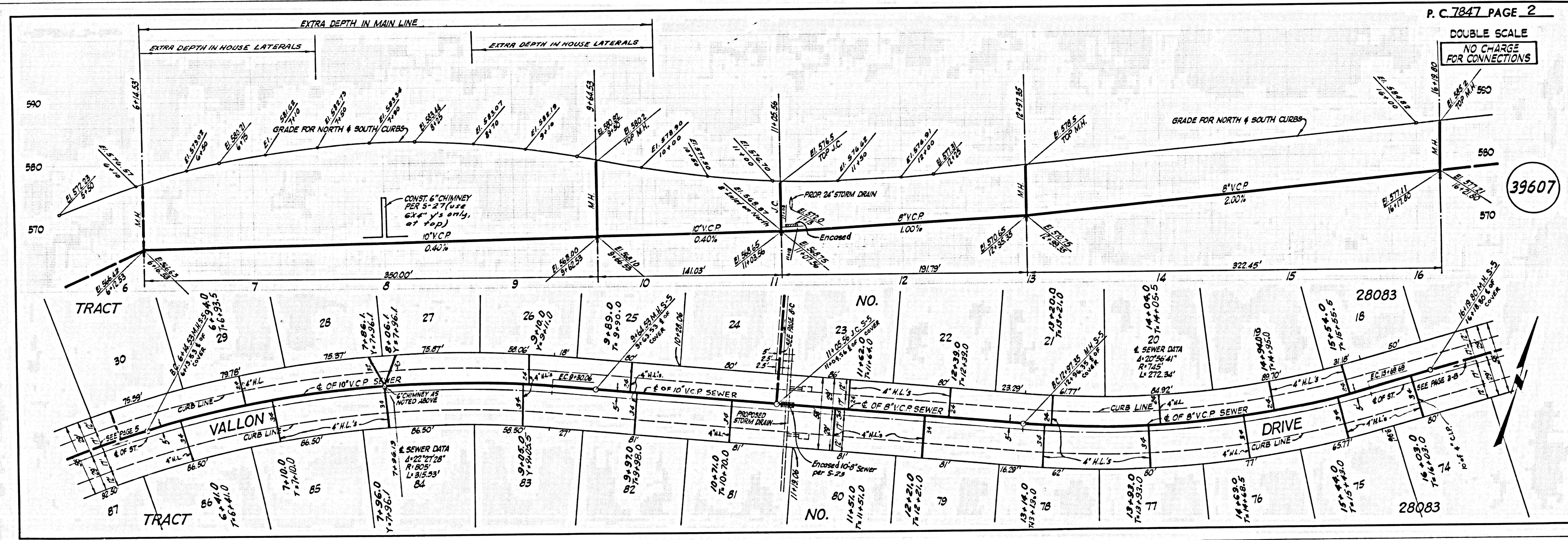
- NOTES:
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  - NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
  - THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" BRANCHES 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 FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
  - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
  - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-4707, EXT. 81581, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-5 OR S-6, EXCEPT AS NOTED.
  - USE STANDARD MANHOLE FRAMES AND COVERS, S-13, EXCEPT AS NOTED.
  - MANHOLE TOPS IN UNIMPROVED HIGHWAYS OR WAYS TO BE SIX INCHES ABOVE FINISHED GRADE.
  - USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD UNLESS NOTED OTHERWISE.
  - USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPECS., SECS. 36, 48 & 49.
  - IF 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 OF 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 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
  - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  - FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 2, SPEC. S, SEC. 54.
  - ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE STRICTLY ENFORCED.
  - SPECIAL BACKFILL IN DESIGNATED AREAS:  
 (A) BACKFILL TRENCH & REPLACE OTHER EARTH REMOVED SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS TRACT BY THE BUILDING AND SAFETY DIVISION.  
 (B) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TEST D930-97T AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.

NOTE:  
 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE BETWEEN SAID DESIGNATED POINTS. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN SEA LEVEL DATUM OF 1929.  
 THE DRAWING AND THE DATA HEREON ARE NECESSARY MADE A PART OF THE SPECIFICATIONS. (SEE REVISED) ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PROVIDED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.  
 BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 1, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 300, COUNTY ENGINEERING BUILDING, 100 WEST SECOND STREET, LOS ANGELES, CALIFORNIA. REGIONAL OFFICE, SUPPLEMENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.  
 APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THE PROJECT. THIS NOTE APPLIES TO ALL PAGES.  
 IF WORK IS TO BE DONE IN A CITY HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA  
 JOHN A. LAMBIE, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER  
 CO. SAN. DIST. NO. 12  
 APPROVED BY Richard M. Coan ASSISTANT SANITATION ENGINEER APPROVED BY J. D. Parkhurst OFFICE ENGINEER  
 SUBMITTED BY Clark M. Leonard REGIONAL ENGINEER  
 CHECKED BY Bernard J. Valady REG. C. E. NO. 13167  
 J.N. 0250.02

COLLECT CHARGES  
 AS INDICATED  
John H. Richardson

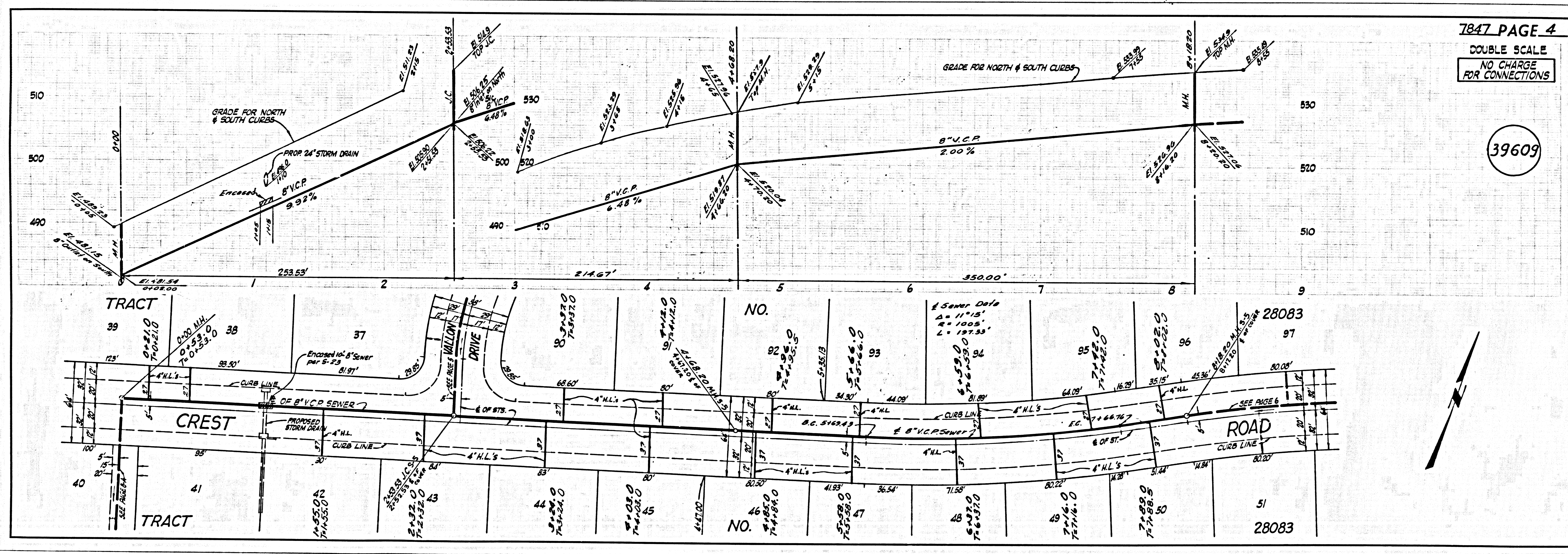
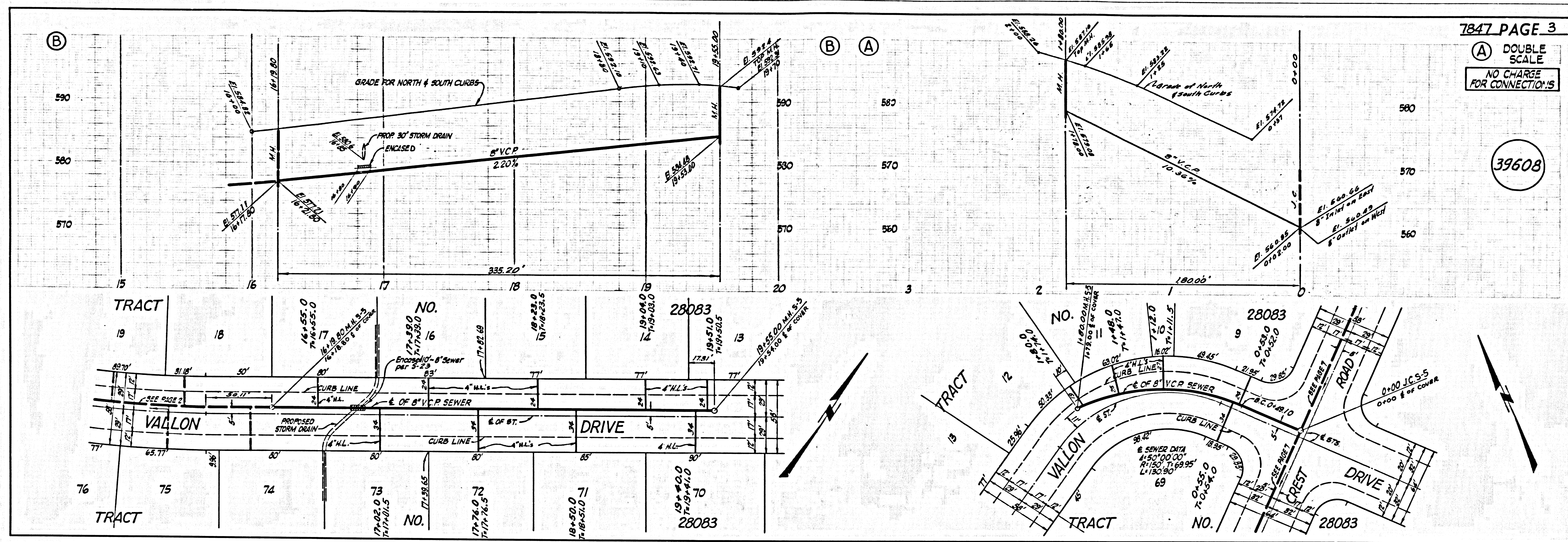
NOTICE TO CONTRACTOR  
 The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of my knowledge there are no existing utilities except as shown on these plans. The contractor is required to take due precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.  
Clark M. Leonard  
 CLARK M. LEONARD REG. C. E. NO. 13167



P.C. 7847 PAGE 2

DOUBLE SCALE  
 NO CHARGE  
 FOR CONNECTIONS

39607



1401.01

COUS. CIV. DEPT.

B-91

