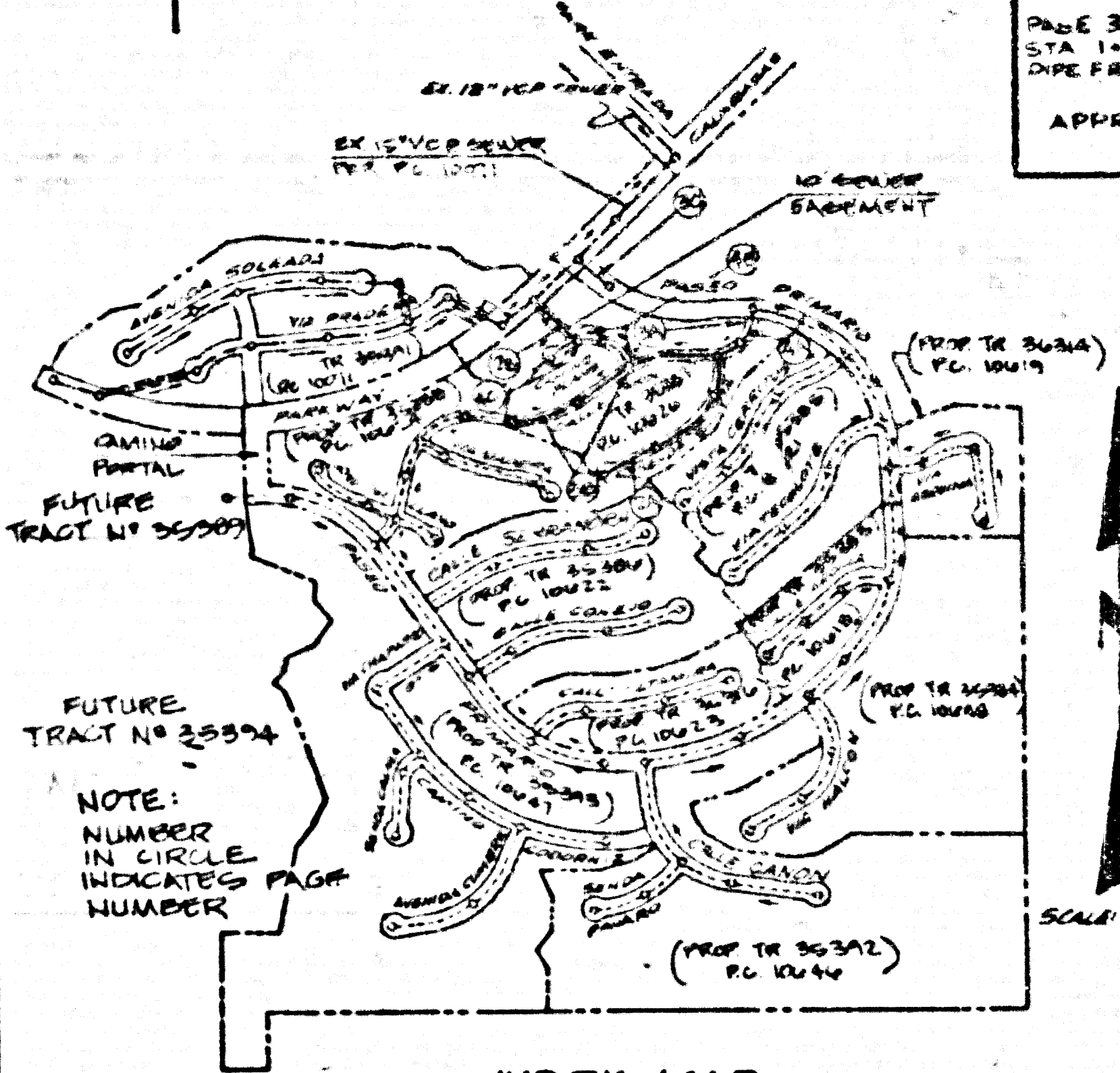


TR 35387-4

B.M. C.T. 8040 ELEV 1063.911  
R.D.B.M. TAB 18 CB 3' S. WCR  
52' S. & 44' W. C/T INT  
LA ABASAS RD. & PUEY CALABASAS  
MALIBU QJAD. 1980



INDEX MAP  
TRACT NO. 35387  
P.C. 10620

NOTE:  
LOTS 50 THRU 59 ARE OPEN SPACE LOTS  
RESERVED FOR NO CONSTRUCTION AND WILL  
NOT BE SERVED BY THIS SEWER.

**PRIVATE ENGINEER'S NOTICE TO CONTRACTORS**  
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 shown above on these plans. The contractor shall be responsible for notifying "UNDERGROUND SERVICE ALERT" at 1-800-422-4133 two working days prior to any excavation or construction.

REVISION N° 1 DATE 2-2-88  
PAGE 3; STA 1+00 TO 2+00  
STA 1+200; REVISION TYPE OF SEWER  
PIPE FROM VCP TO A.B.S.C.  
APPROVED *Robert Kallek*  
Registered Engineer R.C.E. No. 27507

**CONSTRUCTION NOTES CONT'D.**

16. FILL COMPACTED WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE.

17. MANHOLE WATER STOP BASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.S.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.

18. A.S.S. SOLID WALL PIPE MUST BE USED FOR VTE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.

19. A.S.S. COMPOSITE PIPE SHALL BE BENDED IN CONFORMANCE WITH THE TABLE IN SECTION B-3.1, OF PART IV OF THE SPECIAL PROVISIONS.

20. THREE DEGREE DEFLECTION COUPLERS ARE REQUIRED FOR RADIIUS OF CURVATURE LESS THAN 300 FEET WHEN USING 6" A.S.S. COMPOSITE PIPE.

21. NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.B.S. COMPOSITE PIPE IS USED.

22. SEWER LINC. CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOISTS OR BELTING PIPE ENDS WHEN USING PLASTIC PIPE INCLUDING A.B.S. COMPOSITE PIPE.

23. ALL VTE AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART & WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.

24. A.B.S. BELLY WALL PIPE IS NOT ACCEPTABLE FOR USE AS MAINLINE SEWER.

25. ONLY VTE BRANCHES ARE TO BE USED FOR CONNECTION TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.

26. TESTING PER LAS VERGUES MUNICIPAL WATER DISTRICT

A. INFILTRATION & LEAKAGE TESTS: METHOD USED FOR TESTING WILL BE THE SAME AS L.A. COUNTY EXCEPT THE PUMP TO BE USED IS AS FOLLOWS:...

MAIN PIPE DIAMETER	MINIMUM TIME LOSS
12"	15 MINUTES
15"	20 "
18"	25 "
24"	35 "

IF THE TIME IS LESS THAN LISTED IN THE TABLE ABOVE, THE CONTRACTOR SHALL MAKE SUCH REPAIRS AS ARE NECESSARY TO ELIMINATE THE EXCESSIVE LEAKAGE.

27. ISSUE NO HOUSE LATERAL PERMITS UNTIL OUTLET CENTER PER P.C. 10011 IS ACCEPTED BY L.A. COUNTY FOR PUBLIC USE.

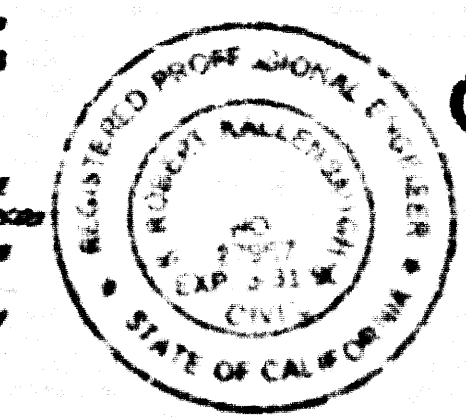
**GENERAL NOTES:** **DOUBLE SCALE**

- 1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN SEA LEVEL, DATUM OF 1929
- 2. NO PIPE OR MANHOLE SHALL BE MADE IN THE FIELD UNLESS APPROVED BY THE SUPERVISOR OF PUBLIC WORKS
- 3. NO REPRESENTATIVE OF THE DISTRICT SHALL BE REQUIRED TO BE PRESENT FOR THE LAYOUT OF ANY PORTION OF THE WORK
- 4. GRADIENTS TO WHICH THE SEWER SYSTEM IS TO BE CONSTRUCTED ARE SHOWN IN THE PLAN AND MANHOLE GRADE POINTS, FOR TOP OF CURVES, CENTER LINE OF STRAIGHT LINES AND POINTS OF INTERSECTION, ARE SHOWN BY CIRCLES. POINTS BETWEEN INTERSECTION POINTS THE GRADE SHALL BE ESTABLISHED BY A 100' STATION LINE DRAWN BETWEEN SAID DESIGNATED POINTS
- 5. THE PRIVATE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR ALL HOUSE LATERALS AND VTE BRANCHES AND SHALL PROVIDE A TABLE FOR THESE PURPOSES. LOCATIONS WITHIN THE PROPERTY PLANS, MANHOLE ALL HOUSE LATERALS SHALL BE CONSTRUCTED AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLAN AND HOUSE LATERALS FROM CURVES SHALL BE AT AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER AND CHANGE IN ALIGNMENT SHALL BE INDICATED BY THE PRIVATE CONTRACTOR
- 6. THE PRIVATE CONTRACTOR SHALL FURNISH THE HOSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET
- 7. BEFORE WORK CAN BE STARTED THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE COUNTY ENGINEER OF PUBLIC WORKS, PERMIT OFFICE, 710 N. GARDEN ST. AND PAY A FEE TO THE PUBLIC WORKS DEPARTMENT, 2300 ALHAMBRA STREET, LOS ANGELES, CA 90007 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS
- 8. IF WORK IS TO BE DONE ON A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA
- 9. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE INFORMATION ON THE EXISTING RECORDS OR THE EXISTENCE OF ANY UTILITIES OR STRUCTURES WITHIN THE SITE OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS
- 10. REFER TO SECTION 7.04 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS
- 11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DISTRICT ENGINEER COPIES OF PERMITS TO EXCAVATE IN COUNTY STREETS FROM THE COUNTY ENGINEER OF PUBLIC WORKS, PERMIT OFFICE, 710 N. GARDEN STREET, LOS ANGELES, CALIFORNIA. A DIVISION OF PUBLIC WORKS AND CERTIFICATE OF SOLENT COMPENSATION SHALL BE FILED WITH THE DISTRICT ENGINEER, 2300 ALHAMBRA STREET, LOS ANGELES, CALIFORNIA. SUCH PERMITS SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORK.

- CONSTRUCTION NOTES:**
- 1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THIS EDITION IS 1188) SUPPLEMENTED BY THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 1987, 87-1188. AND SHALL BE LIMITED ONLY TO THE AREA OF THE IMPROVEMENTS OF PUBLIC WORKS
  - 2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPT., TEL: (213) 226-8981 AT LEAST 48 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT
  - 3. HOUSE LATERALS TO BE CONSTRUCTED WITHIN PROPERTY LINES SHALL BE CONSTRUCTED EXCEPT AS NOTED
  - 4. ALL HOUSE LATERALS SHALL BE LINED FOR CONNECTION TO MAIN LINE SEWER PER PLAN AS NOTED
  - 5. ALL HOUSE LATERALS SHALL BE CONSTRUCTED AT RIGHT ANGLES TO THE MAIN LINE SEWER EXCEPT AS NOTED
  - 6. PROPERTY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE
  - 7. MANHOLE TOPS IN UNIMPROVED AREAS TO BE 6 INCHES ABOVE FINISHED GRADE
  - 8. INTERFERED CURB ELEVATIONS SHALL BE 1 INCH 7/8" OR 2 INCHES STANDARD SPECIFICATIONS SECTION 802
  - 9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 808 C.A.B. TWO FEET ON EACH SIDE AROUND THE POINT OF INTERFERENCE
  - 10. IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THE SEWER IS LESS THAN FOUR FEET COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL SEWER WHICH IS NOT INDICATED ON THE PLANS, THE MAIN LINE SEWER SHALL BE ENCASED UNLESS OTHERWISE APPROVED BY THE ENGINEER OF PUBLIC WORKS
  - 11. ALL JOINTS BETWEEN CAST IRON PIPE AND STEEL PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT 1" OR 2" OVER THE JOINT. JOINTS BETWEEN STEEL PIPE AND STEEL PIPE SHALL BE MADE WITH APPROVED FITTINGS
  - 12. JOINTS TO BE TESTED ON LEAKAGE SECTION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
  - 13. REPLACE ALL TREES WITHIN PAVED AREAS TO BE L.A. COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY DEPARTMENT IN ACCORDANCE WITH PERMITS
  - 14. FULL COMPLIANCE WITH SECTION 804 OF THE STANDARD SPECIFICATIONS SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF SANITARY CONSTRUCTION AND SHALL BE OBTAINED BY A QUALIFIED REGISTERED (REGISTERED LABORATORY SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE)
  - 15. SPECIAL BACKFILL BY EASEMENT CONSTRUCTION (A) BACKFILL SHALL BE MADE OTHER THAN SOIL AS TO ACHIEVE THE NATURAL OR UNDISTURBED AND DENSE CONDITION OF THE GRADING AS APPROVED FOR THE PROJECT BY THE ENGINEER OF PUBLIC WORKS. DIVISION OF SANITARY AND EARTHWORK SHALL BE COMPARED TO A MINIMUM OF 90% OF UNIFORM DENSITY PER ASTM D75. IN THE EVENT OF TEST DEFECT AS ABOVE, ACCEPTABLE CERTIFICATION OF SUCH CONSTRUCTION SHALL BE SUBMITTED TO THE DISTRICT ENGINEER OF PUBLIC WORKS DEPARTMENT.

TO BE CONSTRUCTED BY  
**TRACT NO. 35387**  
**PRIVATE CONTRACT NO. 10620**  
INDEX N° C-237

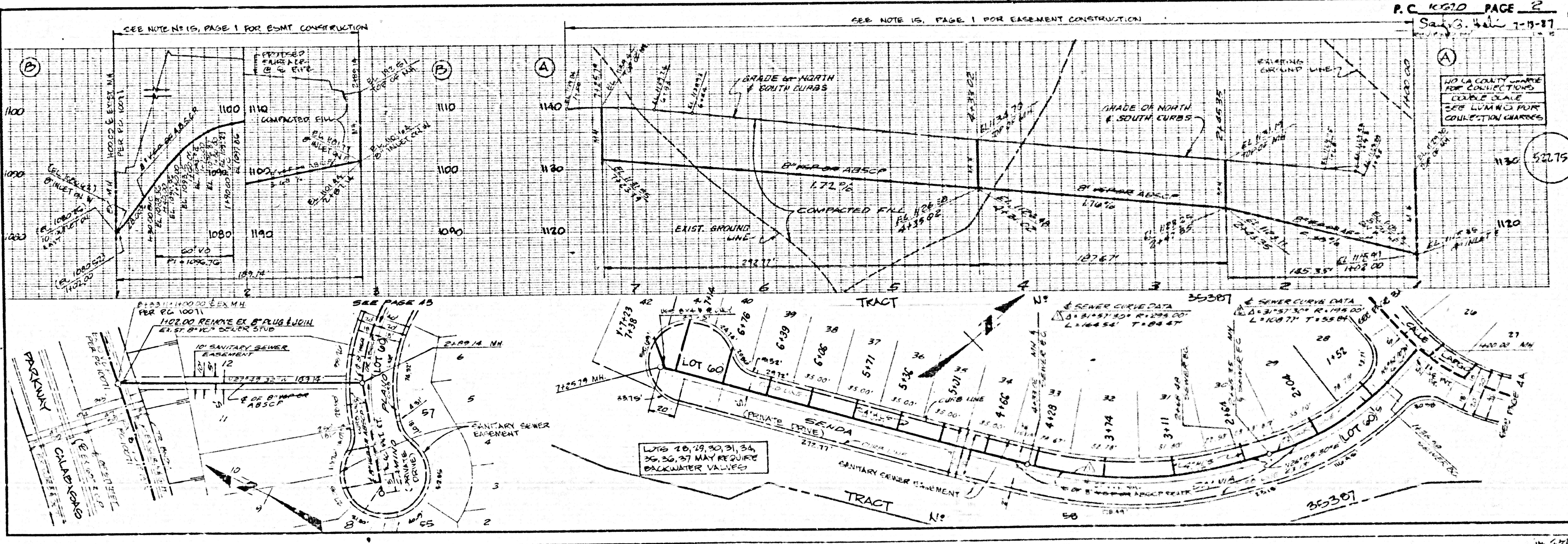
2 SHEETS OF 4 PAGES  
SCALE: 1" = 10' HORIZONTAL  
1" = 4' VERTICAL  
DATE: OCTOBER, 1986  
PREPARED BY THE OFFICES OF  
**Robert Klein, William Frost & Associates**  
REGISTERED PROFESSIONAL ENGINEERS & PLANNERS  
1110 N. GARDEN STREET, LOS ANGELES, CALIFORNIA 90012  
*Robert Klein* 11-16-86  
*William Frost* 11-16-86



THE FOLLOWING LATEST REVISIONS SHOWN ON THIS SHEET ARE THE OFFICE OF THE PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THE PROJECT.

REVISION	DATE	DESCRIPTION
01	10/1/86	ISSUE
02	10/1/86	ISSUE
03	10/1/86	ISSUE
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COUNTY OF LOS ANGELES, CALIFORNIA  
LAS VERGUES MUNICIPAL WATER DISTRICT  
THOMAS A. TIDEHARTSON, DIRECTOR  
DEPARTMENT OF PUBLIC WORKS  
APPROVED *Thomas A. Tidehartson* 7/15/87  
DATE  
APPROVED *Robert Klein* 4/3/87  
DATE  
H.W. STOKES, CHIEF ENGINEER  
CALABASAS BLDG. DIST. 9.1



NO L.A. COUNTY PERMITS  
FOR COLLECTIONS  
DOUBLE SCALE  
SEE LUMING FOR  
COLLECTION CHARGES

