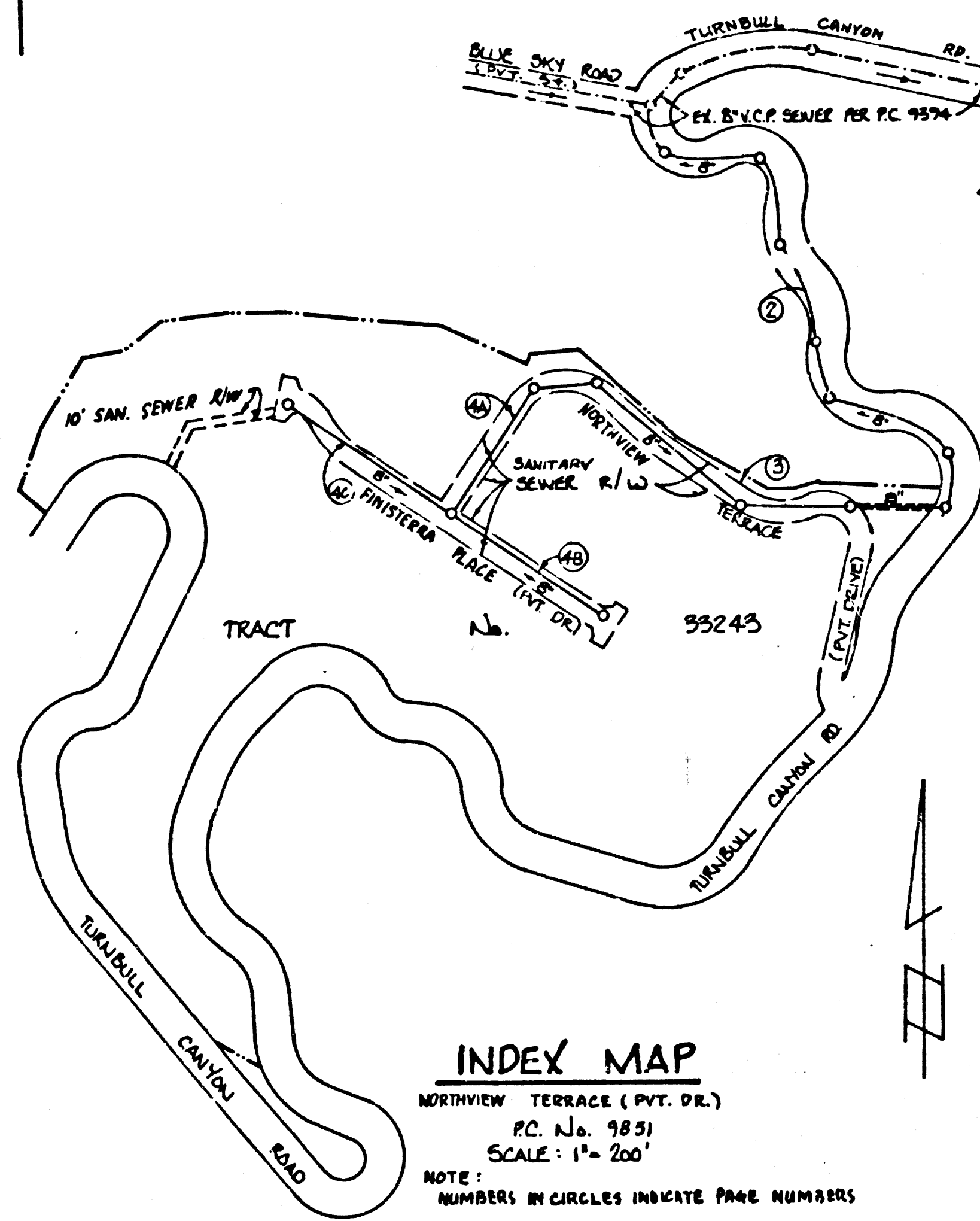


B.M. C. 2 9175 ELEV. 792.174
 R.P. B.M. TAG 9 W. COR. TURNBULL
 CANYON RD. & BLUE SKY RD. 15' S.
 E. 52' W. 1/4 INT. OFF. SUGAR GLIM RD.
 WHITTIER QUAD. 19 75 ADJ.



ENGINEER'S NOTICE TO CONTRACTOR:
 THE EXISTENCE AND APPROXIMATE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE DETERMINED BY A SEARCH OF AVAILABLE PUBLIC RECORDS TO THE BEST OF HIS KNOWLEDGE. THERE ARE NO EXISTING STRUCTURES OR UNDERGROUND UTILITIES EXCEPT AS SHOWN ON THESE PLANS.
 THE CONTRACTOR IS REQUIRED TO TAKE SUCH PRECAUTIONARY MEASURES TO PROTECT THE EXISTING UNDERGROUND UTILITIES OR STRUCTURES AND ANY OTHER EXISTING UNDERGROUND UTILITIES OR STRUCTURES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

CONSTRUCTION NOTES: (CONT'D)
 20. SPECIAL BACKFILL IN DESIGNATED AREAS.
 (A) BACKFILL TRENCH AND REPLACE OVER EARTH REMOVED SO AS TO ACHIEVE THE ORIGINAL OR FINISHED GRADES AND SLOPES SHOWN ON THE WORKING PLANS APPROVED FOR THIS PROJECT BY THE BUILDING AND SAFETY DIVISION.
 (B) ALL BACKFILL AND EARTH REPLACEMENT SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A S.T.M. STANDARD METHOD OF TESTING D.C. 30-117 AS MODIFIED. MEASURABLE CLASSIFICATION OF SUCH COMPACTED MATERIAL SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

NOTE: LOT 14 TO BE SERVED BY PRIVATE DISPOSAL SYSTEM

ISSUE NO PERMITS UNTIL TRACT NO. 33243 IS RECORDED

REVISION NO. 1 JULY 23, 1980
 PAGE 2 - MAINLINE SEWER CHANGES REVISED & VERTICAL CURVE ADDED BETWEEN STA. 40+22.42 & STA. 41+52.54. PROJECT NAME CHANGED FROM PARKMAN TERRACE TO NORTHVIEW TERRACE.
 PAGE 3 - LEAD PARKMAN TERRACE CHANGED TO NORTHVIEW TERRACE. PAGE 4 - BLUE PARKMAN TERRACE CHANGED TO WHITTIER BLVD. PAGE 2 MAINLINE ENCLOSED PER S-21, CASE II FROM STA. 40+20.00 TO STA. 41+52.54.
 APPROVED: [Signature] R.C.E. 11/83 DATE 8/1/80
 OFFICE OF COUNTY ENGINEER

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWER MAINS OR THESE TRAILERS UNTIL A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER OR PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED 21 HOURS IN ADVANCE THAT REQUIRED INSPECTION WILL BE MADE.

Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this Project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the Contractor shall defend, indemnify and hold the Owner and the Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this Project, excepting for liability arising from the sole negligence of the Owner or the Engineer.

GENERAL NOTES: DOUBLE SCALE
 1. ELEVATIONS ARE IN FEET ABOVE U.S. & I.S. MEAN SEA LEVEL UNLESS OTHERWISE NOTED.
 2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. 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.
 5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING 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.
 6. 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.
 7. 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, 501 E. CENTER ST., 9TH FLOOR, REGIONAL OFFICE TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 8. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 138 SOUTH SPRING ST., 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 LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
 10. REFER TO SECTION 218.63 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONNECTION PERMIT BY THE COUNTY ENGINEER, THE CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE FROM THE STATE OF CALIFORNIA, DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF INDUSTRIAL SAFETY AND SHALL FILE A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE COUNTY ENGINEER, NAMED AS CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:
 1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1979 EDITION) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1978, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 2. THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION BY PHONE 165 785-5766, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED. WYE OR TEE BRANCHES SHALL BE WITHIN 18" OF THE MAINLINE SEWER AND SHALL BE CONSTRUCTED WITHIN 18" OF THE MAINLINE SEWER.
 5. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 6. MANHOLE TOPS IN UNIMPROVED AREAS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 7. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "P", "T", OR "O" PER STANDARD SPECIFICATIONS SECTION 300-2.
 8. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
 9. 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. PIPE WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-23, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 10. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BUTTING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 300-2 WITH APPROVED FITTINGS.
 11. REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 12. FULL COMPLIANCE WITH SECTION 300-1.8 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREET. CERTIFICATION OF BACKFILL COMPLETION AND SAND EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF FINAL ACCEPTANCE.
 13. FULL COMPLIANCE WITH PART III OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.S.A.C.P. IN MANHOLES, WARE, HOT DAMPETS, AND CLEANUPS, AND REQUIREMENTS FOR THE CONNECTION OF A.S.A.C.P. TO MANHOLES.
 14. A.S.A.C.P. SHALL BE USED FOR WARE, HOT DAMPETS, AND CLEANUPS. CONNECTIONS TO A.S.A.C.P. TO MANHOLES SHALL BE MADE IN ACCORDANCE WITH SECTION 300-1.8 OF THE SPECIAL PROVISIONS.
 15. PIPE DEFLECTION FITTINGS ARE REQUIRED FOR MANHOLES OF CURVATURE LESS THAN 250' HORIZ. SPAN.
 16. A.S.A.C.P.

TO BE CONSTRUCTED IN
NORTHVIEW TERRACE (PVT. DR.)
PRIVATE CONTRACT NO. 9851

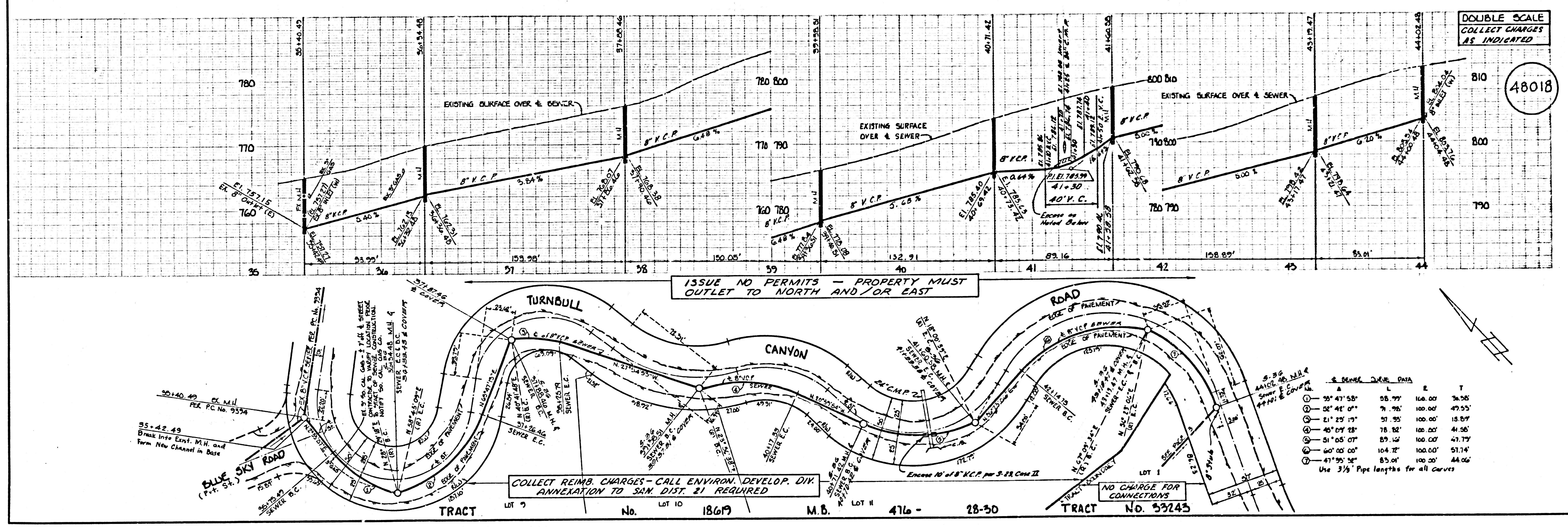
W.S. 37-D, 4
 2 SHEETS, 4 PAGES
 SCALE: VERT. 1" = 8'
 HORIZ. 1" = 40' MARCH, 1980
 PREPARED IN THE OFFICES OF
 KEMMERER ENGINEERING Co. INC.
 6705 S. PAINTER AVE. WHITTIER, CA 92608 (213) 675-0774
 BY: [Signature] REG. C.E. No. 11242

48017

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

SEWER	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE STEP	5-7
BRASSING FOR SEWER PIPE	5-8
CHANGING AND DISCONNECTING	5-9
WYE OR TEE SUPPORT	5-10
ALLOWABLE TRENCH WIDTHS	5-11
LOCKING MANHOLE FRAME AND COVER	5-12
NON-IMPROVED PRECAST CONCRETE MANHOLE	5-13
SEWER REQUIREMENTS FOR PLASTIC PIPE	5-14
EROSION PROTECTION IN CREEP SLOPES	5-15
ANCHORS - BLOCKED	5-16

COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN J. KOONCE COUNTY ENGINEER WALTER E. GARRISON, CHIEF ENGINEER
 APPROVED: [Signature] SAN. DRWG. REGIONAL ENGINEER DATED 6/23/80
 CHECKED: [Signature] SAN. DRWG. REGIONAL ENGINEER DATED 6/23/80
 NO. C.E. NO. 16183
 LA PUENTE BLDG. DIST. 200



DOUBLE SCALE
 COLLECT CHARGES
 AS INDICATED

48018

ISSUE NO PERMITS - PROPERTY MUST OUTLET TO NORTH AND/OR EAST

COLLECT REIMB. CHARGES - CALL ENVIRON. DEVELOP. DIV. ANNEXATION TO SAN. DIST. 21 REQUIRED

NO CHARGE FOR CONNECTIONS

SEWER CURVE DATA

Station	L	E	T
35+47.58	98.99	116.00	36.95
36+46.47	79.98	100.00	49.95
37+45.37	51.95	100.00	18.99
38+44.27	23.92	100.00	4.95
39+43.17	0.00	100.00	41.77
40+42.07	104.72	100.00	51.74
41+40.97	85.01	100.00	44.00

Use 3/8" Pipe lengths for all curves

1282 BC

1980 NORTHVIEW TERRACE (PVT. DR.)